

## Supplementary File 3: List of all feature data

Image type	Feature Class	Feature Name	
general	info	BoundingBox	11: RTSTRUCT: C99-DNU_segment_ITV-LUL (0, 1, 1, 7, 6, 5)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	13441ddb8b7f5355e5cf424418097e0e8466ade8 (0.9765625000000002, 0.9765625000000002, 2.0)
general	info	ImageSpacing	
general	info	MaskHash	510484d399f8bebe2145cd5dfa62bb28cf8603e15
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	97
original	shape	Maximum3DDiameter	20.34698995
original	shape	Maximum2DDiameterSlice	18.97366596
original	shape	Sphericity	0.846749749
original	shape	MinorAxis	16.17708417
original	shape	Elongation	0.839009922
original	shape	SurfaceVolumeRatio	0.414333977
original	shape	Volume	2619
original	shape	MajorAxis	19.28115955
original	shape	SurfaceArea	1085.140686
original	shape	Flatness	0.662809184
original	shape	LeastAxis	12.77972962
original	shape	Maximum2DDiameterColumn	19.20937271
original	shape	Maximum2DDiameterRow	17.49285568
original	gldm	GrayLevelVariance	100.4349028
original	gldm	HighGrayLevelEmphasis	519.628866
original	gldm	DependenceEntropy	5.496618512
original	gldm	DependenceNonUniformity	42.15463918
original	gldm	GrayLevelNonUniformity	3.865979381
original	gldm	SmallDependenceEmphasis	0.682701802
original	gldm	SmallDependenceHighGrayLevelEmphasis	253.4345178
original	gldm	DependenceNonUniformityNormalized	0.434583909
original	gldm	LargeDependenceEmphasis	4.525773196
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.032447205
original	gldm	DependenceVariance	1.490275268
original	gldm	LargeDependenceHighGrayLevelEmphasis	4152.082474
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.027197922
original	gldm	LowGrayLevelEmphasis	0.027810052
original	glcm	JointAverage	23.26080762
original	glcm	SumAverage	46.52161523

original	glcm	JointEntropy	6.602887119
original	glcm	ClusterShade	-1026.389778
original	glcm	MaximumProbability	0.027240005
original	glcm	Idmn	0.905618795
original	glcm	JointEnergy	0.011127664
original	glcm	Contrast	158.9469443
original	glcm	DifferenceEntropy	4.237238526
original	glcm	InverseVariance	0.129852614
original	glcm	DifferenceVariance	59.87710115
original	glcm	Idn	0.806996059
original	glcm	Idm	0.124776724
original	glcm	Correlation	0.203276077
original	glcm	Autocorrelation	561.2335003
original	glcm	SumEntropy	5.013575556
original	glcm	SumSquares	99.40605072
original	glcm	ClusterProminence	125526.7419
original	glcm	Imc2	0.997697742
original	glcm	Imc1	-0.580989124
original	glcm	DifferenceAverage	9.85318638
original	glcm	Id	0.201413977
original	glcm	ClusterTendency	238.6772586
original	firstorder	InterquartileRange	437
original	firstorder	Skewness	-0.044193001
original	firstorder	Uniformity	0.039855458
original	firstorder	Median	-361
original	firstorder	Energy	16385078
original	firstorder	RobustMeanAbsoluteDeviation	173.8684432
original	firstorder	MeanAbsoluteDeviation	216.1511319
original	firstorder	TotalEnergy	442397106
original	firstorder	Maximum	56
original	firstorder	RootMeanSquared	410.9967517
original	firstorder	90Percentile	20.2
original	firstorder	Minimum	-815
original	firstorder	Entropy	4.837091002
original	firstorder	Range	871
original	firstorder	Variance	62467.49516
original	firstorder	10Percentile	-652.6
original	firstorder	Kurtosis	1.8165423
original	firstorder	Mean	-326.2680412
original	glrlm	ShortRunLowGrayLevelEmphasis	0.028564966
original	glrlm	GrayLevelVariance	98.9942949
original	glrlm	LowGrayLevelRunEmphasis	0.028596092
original	glrlm	GrayLevelNonUniformityNormalized	0.039012984
original	glrlm	RunVariance	0.031854639
original	glrlm	GrayLevelNonUniformity	3.67677289
original	glrlm	LongRunEmphasis	1.093190844
original	glrlm	ShortRunHighGrayLevelEmphasis	485.545775
original	glrlm	RunLengthNonUniformity	89.21100424
original	glrlm	ShortRunEmphasis	0.978592573
original	glrlm	LongRunHighGrayLevelEmphasis	594.8858686
original	glrlm	RunPercentage	0.971451229
original	glrlm	LongRunLowGrayLevelEmphasis	0.028746765
original	glrlm	RunEntropy	4.936245325
original	glrlm	HighGrayLevelRunEmphasis	506.4325587
original	glrlm	RunLengthNonUniformityNormalized	0.94586137

original	glszm	GrayLevelVariance	83.41184414
original	glszm	ZoneVariance	1.11554784
original	glszm	GrayLevelNonUniformityNormalized	0.038580247
original	glszm	SizeZoneNonUniformityNormalized	0.705246914
original	glszm	SizeZoneNonUniformity	50.77777778
original	glszm	GrayLevelNonUniformity	2.777777778
original	glszm	LargeAreaEmphasis	2.930555556
original	glszm	SmallAreaHighGrayLevelEmphasis	299.3736497
original	glszm	ZonePercentage	0.742268041
original	glszm	LargeAreaLowGrayLevelEmphasis	0.039650779
original	glszm	LargeAreaHighGrayLevelEmphasis	2301.666667
original	glszm	HighGrayLevelZoneEmphasis	396.0138889
original	glszm	SmallAreaEmphasis	0.862365934
original	glszm	LowGrayLevelZoneEmphasis	0.036832719
original	glszm	ZoneEntropy	5.110693578
original	glszm	SmallAreaLowGrayLevelEmphasis	0.036508883
original	ngtdm	Coarseness	0.036433476
original	ngtdm	Complexity	3536.953427
original	ngtdm	Strength	20.30119245
original	ngtdm	Contrast	1.288494025
original	ngtdm	Busyness	0.041594592
wavelet-HHH	gldm	GrayLevelVariance	5.858220852
wavelet-HHH	gldm	HighGrayLevelEmphasis	36.16494845
wavelet-HHH	gldm	DependenceEntropy	5.041843936
wavelet-HHH	gldm	DependenceNonUniformity	20.38144433
wavelet-HHH	gldm	GrayLevelNonUniformity	11.45360825
wavelet-HHH	gldm	SmallDependenceEmphasis	0.338708126
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	16.46649116
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.210117972
wavelet-HHH	gldm	LargeDependenceEmphasis	10.07216495
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.671372686
wavelet-HHH	gldm	DependenceVariance	2.38154958
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	288.6597938
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.045176147
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.11084716
wavelet-HHH	glcm	JointAverage	5.463783872
wavelet-HHH	glcm	SumAverage	10.92756774
wavelet-HHH	glcm	JointEntropy	5.723762733
wavelet-HHH	glcm	ClusterShade	6.107989548
wavelet-HHH	glcm	MaximumProbability	0.047347194
wavelet-HHH	glcm	Idmn	0.92699797
wavelet-HHH	glcm	JointEnergy	0.022166676
wavelet-HHH	glcm	Contrast	12.94841198
wavelet-HHH	glcm	DifferenceEntropy	2.831868009
wavelet-HHH	glcm	InverseVariance	0.294573541
wavelet-HHH	glcm	DifferenceVariance	4.584006088
wavelet-HHH	glcm	Idn	0.82475134
wavelet-HHH	glcm	Idm	0.289680156
wavelet-HHH	glcm	Correlation	-0.027223539
wavelet-HHH	glcm	Autocorrelation	29.68691258
wavelet-HHH	glcm	SumEntropy	3.582645787
wavelet-HHH	glcm	SumSquares	6.302391826
wavelet-HHH	glcm	ClusterProminence	444.4833422
wavelet-HHH	glcm	Imc2	0.886394285
wavelet-HHH	glcm	Imc1	-0.241390898

wavelet-HHH	glcm	DifferenceAverage	2.847931369
wavelet-HHH	glcm	Id	0.377698619
wavelet-HHH	glcm	ClusterTendency	12.26115533
wavelet-HHH	firstorder	InterquartileRange	82.2214901
wavelet-HHH	firstorder	Skewness	0.079710856
wavelet-HHH	firstorder	Uniformity	0.118078436
wavelet-HHH	firstorder	Median	-2.494598284
wavelet-HHH	firstorder	Energy	361974.1236
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.26159143
wavelet-HHH	firstorder	MeanAbsoluteDeviation	49.02167823
wavelet-HHH	firstorder	TotalEnergy	9773301.337
wavelet-HHH	firstorder	Maximum	156.070323
wavelet-HHH	firstorder	RootMeanSquared	61.08757644
wavelet-HHH	firstorder	90Percentile	72.18066914
wavelet-HHH	firstorder	Minimum	-122.9512672
wavelet-HHH	firstorder	Entropy	3.239957914
wavelet-HHH	firstorder	Range	279.0215903
wavelet-HHH	firstorder	Variance	3731.594561
wavelet-HHH	firstorder	10Percentile	-83.31122652
wavelet-HHH	firstorder	Kurtosis	2.767126685
wavelet-HHH	firstorder	Mean	0.312145255
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.109758916
wavelet-HHH	glrlm	GrayLevelVariance	6.079350711
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.113651266
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.115991848
wavelet-HHH	glrlm	RunVariance	0.074520833
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.48414332
wavelet-HHH	glrlm	LongRunEmphasis	1.228393749
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	35.13897476
wavelet-HHH	glrlm	RunLengthNonUniformity	78.75845136
wavelet-HHH	glrlm	ShortRunEmphasis	0.946691197
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	43.2122206
wavelet-HHH	glrlm	RunPercentage	0.931800159
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.130273315
wavelet-HHH	glrlm	RunEntropy	3.544362028
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	36.70386665
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.870210513
wavelet-HHH	glszm	GrayLevelVariance	9.204470743
wavelet-HHH	glszm	ZoneVariance	8.813938199
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.111111111
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.392504931
wavelet-HHH	glszm	SizeZoneNonUniformity	15.30769231
wavelet-HHH	glszm	GrayLevelNonUniformity	4.333333333
wavelet-HHH	glszm	LargeAreaEmphasis	15
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	34.98857128
wavelet-HHH	glszm	ZonePercentage	0.402061856
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.902259891
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	483.1282051
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	44.8974359
wavelet-HHH	glszm	SmallAreaEmphasis	0.646895324
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.14854193
wavelet-HHH	glszm	ZoneEntropy	4.404260476
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.088106412
wavelet-HHH	ngtdm	Coarseness	0.054302131
wavelet-HHH	ngtdm	Complexity	112.600775

wavelet-HHH	ngtdm	Strength	2.230602818
wavelet-HHH	ngtdm	Contrast	0.184747465
wavelet-HHH	ngtdm	Busyness	0.333514174
wavelet-HLL	gldm	GrayLevelVariance	77.72536933
wavelet-HLL	gldm	HighGrayLevelEmphasis	372.3608247
wavelet-HLL	gldm	DependenceEntropy	5.586875084
wavelet-HLL	gldm	DependenceNonUniformity	36.31958763
wavelet-HLL	gldm	GrayLevelNonUniformity	3.804123711
wavelet-HLL	gldm	SmallDependenceEmphasis	0.594716495
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	261.2484966
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.374428738
wavelet-HLL	gldm	LargeDependenceEmphasis	3.845360825
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.063393053
wavelet-HLL	gldm	DependenceVariance	0.809862897
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	932.5876289
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019008563
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.02381652
wavelet-HLL	glcm	JointAverage	15.89084836
wavelet-HLL	glcm	SumAverage	31.78169673
wavelet-HLL	glcm	JointEntropy	6.611299698
wavelet-HLL	glcm	ClusterShade	997.2611855
wavelet-HLL	glcm	MaximumProbability	0.021623228
wavelet-HLL	glcm	Idmn	0.932790545
wavelet-HLL	glcm	JointEnergy	0.010848768
wavelet-HLL	glcm	Contrast	97.62609071
wavelet-HLL	glcm	DifferenceEntropy	3.895785224
wavelet-HLL	glcm	InverseVariance	0.144282216
wavelet-HLL	glcm	DifferenceVariance	37.1758853
wavelet-HLL	glcm	Idn	0.836092669
wavelet-HLL	glcm	Idm	0.136060521
wavelet-HLL	glcm	Correlation	0.371779182
wavelet-HLL	glcm	Autocorrelation	282.8399359
wavelet-HLL	glcm	SumEntropy	4.964577356
wavelet-HLL	glcm	SumSquares	78.94409583
wavelet-HLL	glcm	ClusterProminence	107412.6049
wavelet-HLL	glcm	Imc2	0.998054898
wavelet-HLL	glcm	Imc1	-0.594099053
wavelet-HLL	glcm	DifferenceAverage	7.527066116
wavelet-HLL	glcm	Id	0.223933772
wavelet-HLL	glcm	ClusterTendency	218.1502926
wavelet-HLL	firstorder	InterquartileRange	322.6237991
wavelet-HLL	firstorder	Skewness	0.18539487
wavelet-HLL	firstorder	Uniformity	0.03921777
wavelet-HLL	firstorder	Median	-101.1848328
wavelet-HLL	firstorder	Energy	5299933.742
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	142.5581464
wavelet-HLL	firstorder	MeanAbsoluteDeviation	185.1078684
wavelet-HLL	firstorder	TotalEnergy	143098211
wavelet-HLL	firstorder	Maximum	338.5350391
wavelet-HLL	firstorder	RootMeanSquared	233.7487801
wavelet-HLL	firstorder	90Percentile	221.4411504
wavelet-HLL	firstorder	Minimum	-475.9200324
wavelet-HLL	firstorder	Entropy	4.836687909
wavelet-HLL	firstorder	Range	814.4550715
wavelet-HLL	firstorder	Variance	47704.93587

wavelet-HLL	firstorder	10Percentile	-363.7216081
wavelet-HLL	firstorder	Kurtosis	1.979360103
wavelet-HLL	firstorder	Mean	-83.26797894
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.023844508
wavelet-HLL	glrlm	GrayLevelVariance	77.90380351
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.024136669
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.0389489
wavelet-HLL	glrlm	RunVariance	0.030187404
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.670399865
wavelet-HLL	glrlm	LongRunEmphasis	1.091649145
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	371.7931055
wavelet-HLL	glrlm	RunLengthNonUniformity	89.08625287
wavelet-HLL	glrlm	ShortRunEmphasis	0.978048052
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	397.3201433
wavelet-HLL	glrlm	RunPercentage	0.971451229
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.025328043
wavelet-HLL	glrlm	RunEntropy	4.925423626
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	376.7686754
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.944403144
wavelet-HLL	glszm	GrayLevelVariance	80.81577189
wavelet-HLL	glszm	ZoneVariance	0.724883047
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036310982
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.550011138
wavelet-HLL	glszm	SizeZoneNonUniformity	36.85074627
wavelet-HLL	glszm	GrayLevelNonUniformity	2.432835821
wavelet-HLL	glszm	LargeAreaEmphasis	2.820895522
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	351.3198549
wavelet-HLL	glszm	ZonePercentage	0.690721649
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.050860767
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	825.2686567
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	424.4477612
wavelet-HLL	glszm	SmallAreaEmphasis	0.770290216
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.029211656
wavelet-HLL	glszm	ZoneEntropy	5.386838817
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.026582452
wavelet-HLL	ngtdm	Coarseness	0.061382561
wavelet-HLL	ngtdm	Complexity	1973.642819
wavelet-HLL	ngtdm	Strength	24.58097021
wavelet-HLL	ngtdm	Contrast	0.696488662
wavelet-HLL	ngtdm	Busyness	0.037610753
wavelet-LHL	gldm	GrayLevelVariance	71.41226485
wavelet-LHL	gldm	HighGrayLevelEmphasis	555.8659794
wavelet-LHL	gldm	DependenceEntropy	5.411415806
wavelet-LHL	gldm	DependenceNonUniformity	38.15463918
wavelet-LHL	gldm	GrayLevelNonUniformity	3.742268041
wavelet-LHL	gldm	SmallDependenceEmphasis	0.620418099
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	320.1204181
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.393346796
wavelet-LHL	gldm	LargeDependenceEmphasis	3.391752577
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.02042573
wavelet-LHL	gldm	DependenceVariance	0.636837071
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2114.051546
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013674908
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.014670156
wavelet-LHL	glcm	JointAverage	21.3931924

wavelet-LHL	glcm	SumAverage	42.7863848
wavelet-LHL	glcm	JointEntropy	6.664870476
wavelet-LHL	glcm	ClusterShade	221.2365245
wavelet-LHL	glcm	MaximumProbability	0.018301398
wavelet-LHL	glcm	Idmn	0.941386161
wavelet-LHL	glcm	JointEnergy	0.010283709
wavelet-LHL	glcm	Contrast	92.44765563
wavelet-LHL	glcm	DifferenceEntropy	3.899226982
wavelet-LHL	glcm	InverseVariance	0.166546566
wavelet-LHL	glcm	DifferenceVariance	33.80178355
wavelet-LHL	glcm	Idn	0.844913203
wavelet-LHL	glcm	Idm	0.141146183
wavelet-LHL	glcm	Correlation	0.315401655
wavelet-LHL	glcm	Autocorrelation	479.757582
wavelet-LHL	glcm	SumEntropy	4.920342969
wavelet-LHL	glcm	SumSquares	68.08493802
wavelet-LHL	glcm	ClusterProminence	73712.45355
wavelet-LHL	glcm	Imc2	0.997911568
wavelet-LHL	glcm	Imc1	-0.585634639
wavelet-LHL	glcm	DifferenceAverage	7.381000396
wavelet-LHL	glcm	Id	0.225723411
wavelet-LHL	glcm	ClusterTendency	179.8920964
wavelet-LHL	firstorder	InterquartileRange	352.0220645
wavelet-LHL	firstorder	Skewness	-0.305313326
wavelet-LHL	firstorder	Uniformity	0.038580083
wavelet-LHL	firstorder	Median	-31.02497234
wavelet-LHL	firstorder	Energy	4447889.484
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	138.7350689
wavelet-LHL	firstorder	MeanAbsoluteDeviation	179.0619812
wavelet-LHL	firstorder	TotalEnergy	120093016.1
wavelet-LHL	firstorder	Maximum	324.401999
wavelet-LHL	firstorder	RootMeanSquared	214.1367105
wavelet-LHL	firstorder	90Percentile	236.4596262
wavelet-LHL	firstorder	Minimum	-561.7843263
wavelet-LHL	firstorder	Entropy	4.800410823
wavelet-LHL	firstorder	Range	886.1863253
wavelet-LHL	firstorder	Variance	44523.47141
wavelet-LHL	firstorder	10Percentile	-316.8495364
wavelet-LHL	firstorder	Kurtosis	2.171075155
wavelet-LHL	firstorder	Mean	-36.4836861
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014942401
wavelet-LHL	glrlm	GrayLevelVariance	71.78175494
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.014991548
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038454533
wavelet-LHL	glrlm	RunVariance	0.025323982
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.636099834
wavelet-LHL	glrlm	LongRunEmphasis	1.079123915
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	540.9516665
wavelet-LHL	glrlm	RunLengthNonUniformity	89.80898753
wavelet-LHL	glrlm	ShortRunEmphasis	0.980219021
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	604.3268316
wavelet-LHL	glrlm	RunPercentage	0.974623315
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.015188133
wavelet-LHL	glrlm	RunEntropy	4.878806774
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	553.6266995

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.949352035
wavelet-LHL	glszm	GrayLevelVariance	76.74984247
wavelet-LHL	glszm	ZoneVariance	0.646922915
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038857383
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.577399706
wavelet-LHL	glszm	SizeZoneNonUniformity	39.84057971
wavelet-LHL	glszm	GrayLevelNonUniformity	2.68115942
wavelet-LHL	glszm	LargeAreaEmphasis	2.623188406
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	399.9695692
wavelet-LHL	glszm	ZonePercentage	0.711340206
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.023547995
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1594.565217
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	526.9275362
wavelet-LHL	glszm	SmallAreaEmphasis	0.788522544
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.019569523
wavelet-LHL	glszm	ZoneEntropy	5.195197645
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018990169
wavelet-LHL	ngtdm	Coarseness	0.052196871
wavelet-LHL	ngtdm	Complexity	2020.176824
wavelet-LHL	ngtdm	Strength	19.64004188
wavelet-LHL	ngtdm	Contrast	0.822680953
wavelet-LHL	ngtdm	Busyness	0.037768249
wavelet-LHH	gldm	GrayLevelVariance	11.996599
wavelet-LHH	gldm	HighGrayLevelEmphasis	85.56701031
wavelet-LHH	gldm	DependenceEntropy	4.963127729
wavelet-LHH	gldm	DependenceNonUniformity	25.24742268
wavelet-LHH	gldm	GrayLevelNonUniformity	10.19587629
wavelet-LHH	gldm	SmallDependenceEmphasis	0.505084391
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	46.21777784
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.260282708
wavelet-LHH	gldm	LargeDependenceEmphasis	9
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.242734754
wavelet-LHH	gldm	DependenceVariance	2.929110426
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	684.9278351
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021558721
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.047943047
wavelet-LHH	glcm	JointAverage	8.603135519
wavelet-LHH	glcm	SumAverage	17.20627104
wavelet-LHH	glcm	JointEntropy	6.010741723
wavelet-LHH	glcm	ClusterShade	-7.149271747
wavelet-LHH	glcm	MaximumProbability	0.054770664
wavelet-LHH	glcm	Idmn	0.939849602
wavelet-LHH	glcm	JointEnergy	0.019009613
wavelet-LHH	glcm	Contrast	26.09521328
wavelet-LHH	glcm	DifferenceEntropy	3.235039516
wavelet-LHH	glcm	InverseVariance	0.214727735
wavelet-LHH	glcm	DifferenceVariance	9.532771445
wavelet-LHH	glcm	Idn	0.84067278
wavelet-LHH	glcm	Idm	0.226589489
wavelet-LHH	glcm	Correlation	-0.013441422
wavelet-LHH	glcm	Autocorrelation	73.8354825
wavelet-LHH	glcm	SumEntropy	3.957585766
wavelet-LHH	glcm	SumSquares	12.85173229
wavelet-LHH	glcm	ClusterProminence	1981.729421
wavelet-LHH	glcm	Imc2	0.956321074



wavelet-LHH	glcm	Imc1	-0.344169636
wavelet-LHH	glcm	DifferenceAverage	3.998009773
wavelet-LHH	glcm	Id	0.320403452
wavelet-LHH	glcm	ClusterTendency	25.3117159
wavelet-LHH	firstorder	InterquartileRange	95.40852768
wavelet-LHH	firstorder	Skewness	0.11079303
wavelet-LHH	firstorder	Uniformity	0.105112127
wavelet-LHH	firstorder	Median	5.988001591
wavelet-LHH	firstorder	Energy	727748.636
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	41.50687293
wavelet-LHH	firstorder	MeanAbsoluteDeviation	65.39695608
wavelet-LHH	firstorder	TotalEnergy	19649213.17
wavelet-LHH	firstorder	Maximum	252.2683445
wavelet-LHH	firstorder	RootMeanSquared	86.61733809
wavelet-LHH	firstorder	90Percentile	115.7678078
wavelet-LHH	firstorder	Minimum	-189.6512649
wavelet-LHH	firstorder	Entropy	3.611650886
wavelet-LHH	firstorder	Range	441.9196094
wavelet-LHH	firstorder	Variance	7496.998197
wavelet-LHH	firstorder	10Percentile	-117.3452557
wavelet-LHH	firstorder	Kurtosis	3.122361321
wavelet-LHH	firstorder	Mean	2.359038141
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.047522607
wavelet-LHH	glrlm	GrayLevelVariance	12.45764179
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.048937551
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.098809591
wavelet-LHH	glrlm	RunVariance	0.061083166
wavelet-LHH	glrlm	GrayLevelNonUniformity	9.055822076
wavelet-LHH	glrlm	LongRunEmphasis	1.187483294
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	82.7276808
wavelet-LHH	glrlm	RunLengthNonUniformity	81.83416666
wavelet-LHH	glrlm	ShortRunEmphasis	0.956025141
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	100.4488918
wavelet-LHH	glrlm	RunPercentage	0.94369548
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.054770629
wavelet-LHH	glrlm	RunEntropy	3.882841343
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	86.10830884
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.892241069
wavelet-LHH	glszm	GrayLevelVariance	16.05994898
wavelet-LHH	glszm	ZoneVariance	3.517538265
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.075255102
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.581632653
wavelet-LHH	glszm	SizeZoneNonUniformity	32.57142857
wavelet-LHH	glszm	GrayLevelNonUniformity	4.214285714
wavelet-LHH	glszm	LargeAreaEmphasis	6.517857143
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	72.67879588
wavelet-LHH	glszm	ZonePercentage	0.577319588
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.19918563
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	502.1428571
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	90.14285714
wavelet-LHH	glszm	SmallAreaEmphasis	0.788128445
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.05029515
wavelet-LHH	glszm	ZoneEntropy	4.496924958
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.030591783
wavelet-LHH	ngtdm	Coarseness	0.058023003

wavelet-LHH	ngtdm	Complexity	299.0286784
wavelet-LHH	ngtdm	Strength	4.840620481
wavelet-LHH	ngtdm	Contrast	0.24522807
wavelet-LHH	ngtdm	Busyness	0.119855949
wavelet-LLH	gldm	GrayLevelVariance	69.77404613
wavelet-LLH	gldm	HighGrayLevelEmphasis	538.4742268
wavelet-LLH	gldm	DependenceEntropy	5.34450627
wavelet-LLH	gldm	DependenceNonUniformity	37.6185567
wavelet-LLH	gldm	GrayLevelNonUniformity	4.154639175
wavelet-LLH	gldm	SmallDependenceEmphasis	0.624982818
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	363.4297652
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.387820172
wavelet-LLH	gldm	LargeDependenceEmphasis	3.721649485
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.027258122
wavelet-LLH	gldm	DependenceVariance	0.828143267
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1667.443299
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014355637
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016002964
wavelet-LLH	glcm	JointAverage	21.19070485
wavelet-LLH	glcm	SumAverage	42.38140971
wavelet-LLH	glcm	JointEntropy	6.639111129
wavelet-LLH	glcm	ClusterShade	241.4688331
wavelet-LLH	glcm	MaximumProbability	0.020664583
wavelet-LLH	glcm	Idmn	0.949691313
wavelet-LLH	glcm	JointEnergy	0.010571525
wavelet-LLH	glcm	Contrast	94.41956971
wavelet-LLH	glcm	DifferenceEntropy	3.937016398
wavelet-LLH	glcm	InverseVariance	0.138375923
wavelet-LLH	glcm	DifferenceVariance	34.14316062
wavelet-LLH	glcm	Idn	0.853224536
wavelet-LLH	glcm	Idm	0.131277204
wavelet-LLH	glcm	Correlation	0.276248142
wavelet-LLH	glcm	Autocorrelation	468.0096058
wavelet-LLH	glcm	SumEntropy	4.911159241
wavelet-LLH	glcm	SumSquares	66.11101345
wavelet-LLH	glcm	ClusterProminence	76569.10418
wavelet-LLH	glcm	Imc2	0.997191794
wavelet-LLH	glcm	Imc1	-0.564165981
wavelet-LLH	glcm	DifferenceAverage	7.579615533
wavelet-LLH	glcm	Id	0.218067474
wavelet-LLH	glcm	ClusterTendency	170.0244841
wavelet-LLH	firstorder	InterquartileRange	301.0678901
wavelet-LLH	firstorder	Skewness	-0.347586077
wavelet-LLH	firstorder	Uniformity	0.042831332
wavelet-LLH	firstorder	Median	-24.99054137
wavelet-LLH	firstorder	Energy	4493064.386
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	115.7761731
wavelet-LLH	firstorder	MeanAbsoluteDeviation	169.1285682
wavelet-LLH	firstorder	TotalEnergy	121312738.4
wavelet-LLH	firstorder	Maximum	402.650138
wavelet-LLH	firstorder	RootMeanSquared	215.2214009
wavelet-LLH	firstorder	90Percentile	190.8638033
wavelet-LLH	firstorder	Minimum	-573.0955312
wavelet-LLH	firstorder	Entropy	4.707757627
wavelet-LLH	firstorder	Range	975.7456692

wavelet-LLH	firstorder	Variance	44159.67464
wavelet-LLH	firstorder	10Percentile	-337.2903284
wavelet-LLH	firstorder	Kurtosis	2.699168096
wavelet-LLH	firstorder	Mean	-46.48200466
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016245519
wavelet-LLH	glrlm	GrayLevelVariance	70.45112559
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.016333421
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042748393
wavelet-LLH	glrlm	RunVariance	0.028583622
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.035087961
wavelet-LLH	glrlm	LongRunEmphasis	1.085797105
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	532.5286661
wavelet-LLH	glrlm	RunLengthNonUniformity	89.49693076
wavelet-LLH	glrlm	ShortRunEmphasis	0.979479746
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	579.0357565
wavelet-LLH	glrlm	RunPercentage	0.973037272
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.016690973
wavelet-LLH	glrlm	RunEntropy	4.787005748
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	541.3655729
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.947631359
wavelet-LLH	glszm	GrayLevelVariance	79.5442134
wavelet-LLH	glszm	ZoneVariance	0.820835959
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.04515858
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.597143457
wavelet-LLH	glszm	SizeZoneNonUniformity	41.20289855
wavelet-LLH	glszm	GrayLevelNonUniformity	3.115942029
wavelet-LLH	glszm	LargeAreaEmphasis	2.797101449
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	473.5802093
wavelet-LLH	glszm	ZonePercentage	0.711340206
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.027770571
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1373.855072
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	571.8695652
wavelet-LLH	glszm	SmallAreaEmphasis	0.800901771
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.020772183
wavelet-LLH	glszm	ZoneEntropy	5.079255616
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.019838442
wavelet-LLH	ngtdm	Coarseness	0.050553699
wavelet-LLH	ngtdm	Complexity	2241.828731
wavelet-LLH	ngtdm	Strength	21.31606404
wavelet-LLH	ngtdm	Contrast	0.801949779
wavelet-LLH	ngtdm	Busyness	0.037274687
wavelet-LLL	gldm	GrayLevelVariance	571.7376979
wavelet-LLL	gldm	HighGrayLevelEmphasis	2151.185567
wavelet-LLL	gldm	DependenceEntropy	5.952955239
wavelet-LLL	gldm	DependenceNonUniformity	59.96907216
wavelet-LLL	gldm	GrayLevelNonUniformity	1.865979381
wavelet-LLL	gldm	SmallDependenceEmphasis	0.811569301
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1727.485682
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.618237857
wavelet-LLL	gldm	LargeDependenceEmphasis	1.845360825
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021112738
wavelet-LLL	gldm	DependenceVariance	0.237432246
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4266.237113
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013629961
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.015120887

wavelet-LLL	glcm	JointAverage	47.45218233
wavelet-LLL	glcm	SumAverage	94.90436466
wavelet-LLL	glcm	JointEntropy	6.799087597
wavelet-LLL	glcm	ClusterShade	4539.030939
wavelet-LLL	glcm	MaximumProbability	0.014892405
wavelet-LLL	glcm	Idmn	0.92187971
wavelet-LLL	glcm	JointEnergy	0.009148933
wavelet-LLL	glcm	Contrast	857.7849235
wavelet-LLL	glcm	DifferenceEntropy	4.954306345
wavelet-LLL	glcm	InverseVariance	0.032019161
wavelet-LLL	glcm	DifferenceVariance	262.4292058
wavelet-LLL	glcm	Idn	0.813085521
wavelet-LLL	glcm	Idm	0.038530664
wavelet-LLL	glcm	Correlation	0.301008513
wavelet-LLL	glcm	Autocorrelation	2431.139963
wavelet-LLL	glcm	SumEntropy	5.45705745
wavelet-LLL	glcm	SumSquares	606.0056309
wavelet-LLL	glcm	ClusterProminence	5525903.682
wavelet-LLL	glcm	Imc2	0.999948162
wavelet-LLL	glcm	Imc1	-0.807625835
wavelet-LLL	glcm	DifferenceAverage	24.03901275
wavelet-LLL	glcm	Id	0.091558108
wavelet-LLL	glcm	ClusterTendency	1566.2376
wavelet-LLL	firstorder	InterquartileRange	906.1623342
wavelet-LLL	firstorder	Skewness	0.426073379
wavelet-LLL	firstorder	Uniformity	0.019236901
wavelet-LLL	firstorder	Median	-1099.526443
wavelet-LLL	firstorder	Energy	135440714
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	371.9773088
wavelet-LLL	firstorder	MeanAbsoluteDeviation	498.6845269
wavelet-LLL	firstorder	TotalEnergy	3656899279
wavelet-LLL	firstorder	Maximum	359.3122504
wavelet-LLL	firstorder	RootMeanSquared	1181.649703
wavelet-LLL	firstorder	90Percentile	-169.2985768
wavelet-LLL	firstorder	Minimum	-1982.001143
wavelet-LLL	firstorder	Entropy	5.867752533
wavelet-LLL	firstorder	Range	2341.313393
wavelet-LLL	firstorder	Variance	355490.3431
wavelet-LLL	firstorder	10Percentile	-1758.604321
wavelet-LLL	firstorder	Kurtosis	2.257652837
wavelet-LLL	firstorder	Mean	-1020.198842
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015142178
wavelet-LLL	glrlm	GrayLevelVariance	569.8576184
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.01520133
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.019161291
wavelet-LLL	glrlm	RunVariance	0.010303299
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.839506168
wavelet-LLL	glrlm	LongRunEmphasis	1.031607481
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2129.715804
wavelet-LLL	glrlm	RunLengthNonUniformity	94.04395046
wavelet-LLL	glrlm	ShortRunEmphasis	0.99209813
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2224.289266
wavelet-LLL	glrlm	RunPercentage	0.989690722
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.015437936
wavelet-LLL	glrlm	RunEntropy	5.883663491

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2148.630496
wavelet-LLL	glrlm	RunLengthNonUniformityNormalizd	0.979393403
wavelet-LLL	glszm	GrayLevelVariance	544.7147109
wavelet-LLL	glszm	ZoneVariance	0.178429705
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.018424036
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.767290249
wavelet-LLL	glszm	SizeZoneNonUniformity	64.45238095
wavelet-LLL	glszm	GrayLevelNonUniformity	1.547619048
wavelet-LLL	glszm	LargeAreaEmphasis	1.511904762
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1902.167989
wavelet-LLL	glszm	ZonePercentage	0.865979381
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019777163
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3443.821429
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2113.440476
wavelet-LLL	glszm	SmallAreaEmphasis	0.898478836
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.016310269
wavelet-LLL	glszm	ZoneEntropy	5.930949714
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015451671
wavelet-LLL	ngtdm	Coarseness	0.035666164
wavelet-LLL	ngtdm	Complexity	33400.42581
wavelet-LLL	ngtdm	Strength	105.0977232
wavelet-LLL	ngtdm	Contrast	4.21759204
wavelet-LLL	ngtdm	Busyness	0.013920157
wavelet-HHL	gldm	GrayLevelVariance	9.058135827
wavelet-HHL	gldm	HighGrayLevelEmphasis	53
wavelet-HHL	gldm	DependenceEntropy	5.169313296
wavelet-HHL	gldm	DependenceNonUniformity	23.37113402
wavelet-HHL	gldm	GrayLevelNonUniformity	10.15463918
wavelet-HHL	gldm	SmallDependenceEmphasis	0.417393868
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	24.63687355
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.240939526
wavelet-HHL	gldm	LargeDependenceEmphasis	8.154639175
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.351498261
wavelet-HHL	gldm	DependenceVariance	2.184929323
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	361.7835052
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.049817075
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.072912515
wavelet-HHL	glcm	JointAverage	6.721500282
wavelet-HHL	glcm	SumAverage	13.44300056
wavelet-HHL	glcm	JointEntropy	5.937086068
wavelet-HHL	glcm	ClusterShade	26.14663427
wavelet-HHL	glcm	MaximumProbability	0.050109558
wavelet-HHL	glcm	Idmn	0.921731068
wavelet-HHL	glcm	JointEnergy	0.019651851
wavelet-HHL	glcm	Contrast	18.94649624
wavelet-HHL	glcm	DifferenceEntropy	3.046402801
wavelet-HHL	glcm	InverseVariance	0.233155031
wavelet-HHL	glcm	DifferenceVariance	6.00398522
wavelet-HHL	glcm	Idn	0.816098813
wavelet-HHL	glcm	Idm	0.236490668
wavelet-HHL	glcm	Correlation	0.029433918
wavelet-HHL	glcm	Autocorrelation	45.50730742
wavelet-HHL	glcm	SumEntropy	3.882511556
wavelet-HHL	glcm	SumSquares	9.792493757
wavelet-HHL	glcm	ClusterProminence	1100.80218

wavelet-HHL	glcm	Imc2	0.927351521
wavelet-HHL	glcm	Imc1	-0.290426033
wavelet-HHL	glcm	DifferenceAverage	3.506036896
wavelet-HHL	glcm	Id	0.33229093
wavelet-HHL	glcm	ClusterTendency	20.22347879
wavelet-HHL	firstorder	InterquartileRange	103.3129412
wavelet-HHL	firstorder	Skewness	0.248454321
wavelet-HHL	firstorder	Uniformity	0.104687002
wavelet-HHL	firstorder	Median	3.088045405
wavelet-HHL	firstorder	Energy	546370.1703
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	45.17729176
wavelet-HHL	firstorder	MeanAbsoluteDeviation	62.03939103
wavelet-HHL	firstorder	TotalEnergy	14751994.6
wavelet-HHL	firstorder	Maximum	177.9927838
wavelet-HHL	firstorder	RootMeanSquared	75.05119698
wavelet-HHL	firstorder	90Percentile	107.2439139
wavelet-HHL	firstorder	Minimum	-148.6919385
wavelet-HHL	firstorder	Entropy	3.48004055
wavelet-HHL	firstorder	Range	326.6847223
wavelet-HHL	firstorder	Variance	5617.123009
wavelet-HHL	firstorder	10Percentile	-84.31567414
wavelet-HHL	firstorder	Kurtosis	2.44995876
wavelet-HHL	firstorder	Mean	3.944509994
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.073299859
wavelet-HHL	glrlm	GrayLevelVariance	9.236064257
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.074978175
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.103092999
wavelet-HHL	glrlm	RunVariance	0.062120568
wavelet-HHL	glrlm	GrayLevelNonUniformity	9.445552724
wavelet-HHL	glrlm	LongRunEmphasis	1.185719034
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	51.48756722
wavelet-HHL	glrlm	RunLengthNonUniformity	81.99379981
wavelet-HHL	glrlm	ShortRunEmphasis	0.956983512
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	62.34002421
wavelet-HHL	glrlm	RunPercentage	0.944488501
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.081928983
wavelet-HHL	glrlm	RunEntropy	3.71709191
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	53.4031035
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.893703029
wavelet-HHL	glszm	GrayLevelVariance	12.38026256
wavelet-HHL	glszm	ZoneVariance	5.251244907
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.089180625
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.451335446
wavelet-HHL	glszm	SizeZoneNonUniformity	21.21276596
wavelet-HHL	glszm	GrayLevelNonUniformity	4.191489362
wavelet-HHL	glszm	LargeAreaEmphasis	9.510638298
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	42.71768643
wavelet-HHL	glszm	ZonePercentage	0.484536082
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.425116715
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	412.8297872
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	58.44680851
wavelet-HHL	glszm	SmallAreaEmphasis	0.695337005
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.110139932
wavelet-HHL	glszm	ZoneEntropy	4.572908735
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.096099115

wavelet-HHL	ngtdm	Coarseness	0.049141821
wavelet-HHL	ngtdm	Complexity	177.2476032
wavelet-HHL	ngtdm	Strength	3.019545908
wavelet-HHL	ngtdm	Contrast	0.248046624
wavelet-HHL	ngtdm	Busyness	0.27777636
wavelet-HLH	gldm	GrayLevelVariance	15.91072378
wavelet-HLH	gldm	HighGrayLevelEmphasis	114.2680412
wavelet-HLH	gldm	DependenceEntropy	5.23689223
wavelet-HLH	gldm	DependenceNonUniformity	25.6185567
wavelet-HLH	gldm	GrayLevelNonUniformity	8.422680412
wavelet-HLH	gldm	SmallDependenceEmphasis	0.4639748
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	59.91408648
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.264108832
wavelet-HLH	gldm	LargeDependenceEmphasis	7.041237113
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.110805392
wavelet-HLH	gldm	DependenceVariance	1.850356042
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	686.4123711
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021132471
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.029306725
wavelet-HLH	glcm	JointAverage	9.992700843
wavelet-HLH	glcm	SumAverage	19.98540169
wavelet-HLH	glcm	JointEntropy	6.174111585
wavelet-HLH	glcm	ClusterShade	48.49915774
wavelet-HLH	glcm	MaximumProbability	0.03768224
wavelet-HLH	glcm	Idmn	0.950595619
wavelet-HLH	glcm	JointEnergy	0.016032005
wavelet-HLH	glcm	Contrast	30.73308286
wavelet-HLH	glcm	DifferenceEntropy	3.385670253
wavelet-HLH	glcm	InverseVariance	0.220186322
wavelet-HLH	glcm	DifferenceVariance	11.7846826
wavelet-HLH	glcm	Idn	0.855194212
wavelet-HLH	glcm	Idm	0.215303179
wavelet-HLH	glcm	Correlation	-0.023447396
wavelet-HLH	glcm	Autocorrelation	99.56252294
wavelet-HLH	glcm	SumEntropy	4.038414071
wavelet-HLH	glcm	SumSquares	15.00427881
wavelet-HLH	glcm	ClusterProminence	2987.346062
wavelet-HLH	glcm	Imc2	0.964197948
wavelet-HLH	glcm	Imc1	-0.357037043
wavelet-HLH	glcm	DifferenceAverage	4.296444079
wavelet-HLH	glcm	Id	0.307546337
wavelet-HLH	glcm	ClusterTendency	29.28403237
wavelet-HLH	firstorder	InterquartileRange	110.3706016
wavelet-HLH	firstorder	Skewness	0.600216032
wavelet-HLH	firstorder	Uniformity	0.086831757
wavelet-HLH	firstorder	Median	-9.404327624
wavelet-HLH	firstorder	Energy	954851.9076
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	52.38039858
wavelet-HLH	firstorder	MeanAbsoluteDeviation	77.80995944
wavelet-HLH	firstorder	TotalEnergy	25781001.5
wavelet-HLH	firstorder	Maximum	341.6425766
wavelet-HLH	firstorder	RootMeanSquared	99.21609798
wavelet-HLH	firstorder	90Percentile	143.8983466
wavelet-HLH	firstorder	Minimum	-202.9168611
wavelet-HLH	firstorder	Entropy	3.819739676

wavelet-HLH	firstorder	Range	544.5594378
wavelet-HLH	firstorder	Variance	9729.674109
wavelet-HLH	firstorder	10Percentile	-98.53546179
wavelet-HLH	firstorder	Kurtosis	3.659831693
wavelet-HLH	firstorder	Mean	10.68456784
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.029574747
wavelet-HLH	glrlm	GrayLevelVariance	16.44046652
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.030108758
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.084224557
wavelet-HLH	glrlm	RunVariance	0.052426061
wavelet-HLH	glrlm	GrayLevelNonUniformity	7.769628631
wavelet-HLH	glrlm	LongRunEmphasis	1.159755473
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	111.4093578
wavelet-HLH	glrlm	RunLengthNonUniformity	83.4960702
wavelet-HLH	glrlm	ShortRunEmphasis	0.96198205
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	130.8775831
wavelet-HLH	glrlm	RunPercentage	0.950832672
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.032314685
wavelet-HLH	glrlm	RunEntropy	4.040898142
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	115.1101512
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.904702161
wavelet-HLH	glszm	GrayLevelVariance	24.51980008
wavelet-HLH	glszm	ZoneVariance	3.774702038
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.065743945
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.500961169
wavelet-HLH	glszm	SizeZoneNonUniformity	25.54901961
wavelet-HLH	glszm	GrayLevelNonUniformity	3.352941176
wavelet-HLH	glszm	LargeAreaEmphasis	7.392156863
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	98.71464839
wavelet-HLH	glszm	ZonePercentage	0.525773196
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.125443362
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	747.8039216
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	126.4901961
wavelet-HLH	glszm	SmallAreaEmphasis	0.733432129
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.042799529
wavelet-HLH	glszm	ZoneEntropy	4.880964009
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.037859433
wavelet-HLH	ngtdm	Coarseness	0.048274309
wavelet-HLH	ngtdm	Complexity	465.3319554
wavelet-HLH	ngtdm	Strength	6.224588977
wavelet-HLH	ngtdm	Contrast	0.30741188
wavelet-HLH	ngtdm	Busyness	0.123303287



Image type	Feature Class	Feature Name	
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
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general	info	ImageHash	f72
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general	info	MaskHash	e1153147483252c3f75ab462c6ae369a76ba6
general	info	NumpyVersion	da9
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	27.82085549
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original	shape	MinorAxis	0.825062707
original	shape	Elongation	15.6109778
original	shape	SurfaceVolumeRatio	0.635107016
original	shape	Volume	0.41026833
original	shape	MajorAxis	2916
original	shape	SurfaceArea	24.58007454
original	shape	Flatness	1196.342452
original	shape	LeastAxis	0.469128985
original	shape	Maximum2DDiameterColumn	11.53122542
original	shape	Maximum2DDiameterRow	18
original	gldm	GrayLevelVariance	27.65863337
original	gldm	HighGrayLevelEmphasis	104.4451303
original	gldm	DependenceEntropy	373.6481481
original	gldm	DependenceNonUniformity	5.473372428
original	gldm	GrayLevelNonUniformity	51.77777778
original	gldm	SmallDependenceEmphasis	3.907407407
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.708461934
original	gldm	DependenceNonUniformityNormalized	235.9691358
original	gldm	LargeDependenceEmphasis	0.479423868
original	gldm	LargeDependenceLowGrayLevelEmphasis	2.703703704
original	gldm	DependenceVariance	0.057599223
original	gldm	LargeDependenceHighGrayLevelEmphasis	0.508916324
original	gldm	SmallDependenceLowGrayLevelEmphasis	1163.87037
			0.032766931

original	gldm	LowGrayLevelEmphasis	0.036656296
original	glcm	JointAverage	19.02193139
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original	glcm	JointEntropy	6.847560626
original	glcm	ClusterShade	1044.516773
original	glcm	MaximumProbability	0.018681754
original	glcm	Idmn	0.915318328
original	glcm	JointEnergy	0.009092243
original	glcm	Contrast	171.5303328
original	glcm	DifferenceEntropy	4.362871633
original	glcm	InverseVariance	0.095318572
original	glcm	DifferenceVariance	58.65535591
original	glcm	Idn	0.809275954
original	glcm	Idm	0.089957972
original	glcm	Correlation	0.245782237
original	glcm	Autocorrelation	389.4932219
original	glcm	SumEntropy	5.154410129
original	glcm	SumSquares	113.0422628
original	glcm	ClusterProminence	180085.7205
original	glcm	Imc2	0.998829246
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original	glcm	ClusterTendency	280.6387185
original	firstorder	InterquartileRange	402.25
original	firstorder	Skewness	0.46127002
original	firstorder	Uniformity	0.036179698
original	firstorder	Median	-574.5
original	firstorder	Energy	37219210
original	firstorder	RobustMeanAbsoluteDeviation	169.3904813
original	firstorder	MeanAbsoluteDeviation	218.5576132
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original	firstorder	Maximum	51
original	firstorder	RootMeanSquared	587.0454112
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original	firstorder	Minimum	-923
original	firstorder	Entropy	4.98815365
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original	firstorder	Variance	65329.63855
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original	firstorder	Kurtosis	2.18064826
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.036945711
original	glrlm	GrayLevelVariance	103.7746701
original	glrlm	LowGrayLevelRunEmphasis	0.037114837
original	glrlm	GrayLevelNonUniformityNormalized	0.035906855
original	glrlm	RunVariance	0.02148847
original	glrlm	GrayLevelNonUniformity	3.806705402
original	glrlm	LongRunEmphasis	1.060549698
original	glrlm	ShortRunHighGrayLevelEmphasis	365.0547215
original	glrlm	RunLengthNonUniformity	102.4103575
original	glrlm	ShortRunEmphasis	0.986530642
original	glrlm	LongRunHighGrayLevelEmphasis	399.0873273

original	glrlm	RunPercentage	0.981481481
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original	glrlm	RunEntropy	5.038376154
original	glrlm	HighGrayLevelRunEmphasis	371.7758376
original	glrlm	RunLengthNonUniformityNormalized	0.965631135
original	glszm	GrayLevelVariance	93.13078821
original	glszm	ZoneVariance	0.764697344
original	glszm	GrayLevelNonUniformityNormalized	0.035563943
original	glszm	SizeZoneNonUniformityNormalized	0.689650167
original	glszm	SizeZoneNonUniformity	57.24096386
original	glszm	GrayLevelNonUniformity	2.951807229
original	glszm	LargeAreaEmphasis	2.457831325
original	glszm	SmallAreaHighGrayLevelEmphasis	273.1234473
original	glszm	ZonePercentage	0.768518519
original	glszm	LargeAreaLowGrayLevelEmphasis	0.061076376
original	glszm	LargeAreaHighGrayLevelEmphasis	1000.578313
original	glszm	HighGrayLevelZoneEmphasis	339.2048193
original	glszm	SmallAreaEmphasis	0.855814824
original	glszm	LowGrayLevelZoneEmphasis	0.043928161
original	glszm	ZoneEntropy	5.231739998
original	glszm	SmallAreaLowGrayLevelEmphasis	0.041802595
original	ngtdm	Coarseness	0.035198864
original	ngtdm	Complexity	4156.088884
original	ngtdm	Strength	22.529406
original	ngtdm	Contrast	1.107331548
original	ngtdm	Busyness	0.065910827
wavelet-HHH	gldm	GrayLevelVariance	12.58256173
wavelet-HHH	gldm	HighGrayLevelEmphasis	280.2685185
wavelet-HHH	gldm	DependenceEntropy	5.10171534
wavelet-HHH	gldm	DependenceNonUniformity	29.61111111
wavelet-HHH	gldm	GrayLevelNonUniformity	11.07407407
wavelet-HHH	gldm	SmallDependenceEmphasis	0.380156736
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	108.9177964
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.274176955
wavelet-HHH	gldm	LargeDependenceEmphasis	7.796296296
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.04022582
wavelet-HHH	gldm	DependenceVariance	1.911179698
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2086.046296
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010939643
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013390039
wavelet-HHH	glcm	JointAverage	16.41922894
wavelet-HHH	glcm	SumAverage	32.83845788
wavelet-HHH	glcm	JointEntropy	6.102563414
wavelet-HHH	glcm	ClusterShade	-18.00052019
wavelet-HHH	glcm	MaximumProbability	0.045865987
wavelet-HHH	glcm	Idmn	0.970058836
wavelet-HHH	glcm	JointEnergy	0.017450322
wavelet-HHH	glcm	Contrast	27.17433497
wavelet-HHH	glcm	DifferenceEntropy	3.227193987
wavelet-HHH	glcm	InverseVariance	0.256847116
wavelet-HHH	glcm	DifferenceVariance	12.00081093
wavelet-HHH	glcm	Idn	0.8891221
wavelet-HHH	glcm	Idm	0.246999249

wavelet-HHH	glcm	Correlation	-0.043153558
wavelet-HHH	glcm	Autocorrelation	269.0513173
wavelet-HHH	glcm	SumEntropy	3.96727229
wavelet-HHH	glcm	SumSquares	13.04004476
wavelet-HHH	glcm	ClusterProminence	3262.407293
wavelet-HHH	glcm	Imc2	0.944765309
wavelet-HHH	glcm	Imc1	-0.311330564
wavelet-HHH	glcm	DifferenceAverage	3.826691507
wavelet-HHH	glcm	Id	0.336300651
wavelet-HHH	glcm	ClusterTendency	24.98584409
wavelet-HHH	firstorder	InterquartileRange	83.4153275
wavelet-HHH	firstorder	Skewness	-0.282551059
wavelet-HHH	firstorder	Uniformity	0.102537723
wavelet-HHH	firstorder	Median	-3.806025117
wavelet-HHH	firstorder	Energy	832739.1986
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	38.4946778
wavelet-HHH	firstorder	MeanAbsoluteDeviation	62.82762315
wavelet-HHH	firstorder	TotalEnergy	22483958.36
wavelet-HHH	firstorder	Maximum	285.4428839
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wavelet-HHH	firstorder	Minimum	-377.0098483
wavelet-HHH	firstorder	Entropy	3.594080099
wavelet-HHH	firstorder	Range	662.4527322
wavelet-HHH	firstorder	Variance	7699.354942
wavelet-HHH	firstorder	10Percentile	-104.3134182
wavelet-HHH	firstorder	Kurtosis	6.180240589
wavelet-HHH	firstorder	Mean	-3.345623102
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013783247
wavelet-HHH	glrlm	GrayLevelVariance	13.07102611
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.013945095
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.100097441
wavelet-HHH	glrlm	RunVariance	0.065404875
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.21887198
wavelet-HHH	glrlm	LongRunEmphasis	1.187032321
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	269.6738042
wavelet-HHH	glrlm	RunLengthNonUniformity	91.81243698
wavelet-HHH	glrlm	ShortRunEmphasis	0.958867414
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	331.241124
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.014682623
wavelet-HHH	glrlm	RunEntropy	3.844875806
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	280.8414114
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wavelet-HHH	glszm	GrayLevelVariance	21.6001666
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.082882132
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.402748855
wavelet-HHH	glszm	SizeZoneNonUniformity	19.73469388
wavelet-HHH	glszm	GrayLevelNonUniformity	4.06122449
wavelet-HHH	glszm	LargeAreaEmphasis	12.12244898
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	182.9740244
wavelet-HHH	glszm	ZonePercentage	0.453703704

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.068576277
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3217.081633
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	287.4897959
wavelet-HHH	glszm	SmallAreaEmphasis	0.635041393
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wavelet-HHH	glszm	ZoneEntropy	4.792982038
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023311587
wavelet-HHH	ngtdm	Coarseness	0.053453657
wavelet-HHH	ngtdm	Complexity	379.7808232
wavelet-HHH	ngtdm	Strength	6.701656986
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wavelet-HLL	gldm	GrayLevelVariance	126.5729595
wavelet-HLL	gldm	HighGrayLevelEmphasis	807.8796296
wavelet-HLL	gldm	DependenceEntropy	5.593923817
wavelet-HLL	gldm	DependenceNonUniformity	47.88888889
wavelet-HLL	gldm	GrayLevelNonUniformity	3.685185185
wavelet-HLL	gldm	SmallDependenceEmphasis	0.660300926
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	495.7431199
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wavelet-HLL	gldm	LargeDependenceEmphasis	2.833333333
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.02162383
wavelet-HLL	gldm	DependenceVariance	0.47085048
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2648.175926
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015902536
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.016915286
wavelet-HLL	glcm	JointAverage	25.81025168
wavelet-HLL	glcm	SumAverage	51.62050335
wavelet-HLL	glcm	JointEntropy	6.836170689
wavelet-HLL	glcm	ClusterShade	-916.740353
wavelet-HLL	glcm	MaximumProbability	0.021855784
wavelet-HLL	glcm	Idmn	0.930688725
wavelet-HLL	glcm	JointEnergy	0.009223398
wavelet-HLL	glcm	Contrast	205.1735981
wavelet-HLL	glcm	DifferenceEntropy	4.327113897
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wavelet-HLL	glcm	Idn	0.833632553
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wavelet-HLL	glcm	Correlation	0.234478388
wavelet-HLL	glcm	Autocorrelation	699.0387242
wavelet-HLL	glcm	SumEntropy	5.1664442
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wavelet-HLL	glcm	ClusterProminence	294049.6145
wavelet-HLL	glcm	Imc2	0.999032337
wavelet-HLL	glcm	Imc1	-0.630047371
wavelet-HLL	glcm	DifferenceAverage	10.85088253
wavelet-HLL	glcm	Id	0.177159927
wavelet-HLL	glcm	ClusterTendency	334.9787994
wavelet-HLL	firstorder	InterquartileRange	367.0300998
wavelet-HLL	firstorder	Skewness	-0.298502044
wavelet-HLL	firstorder	Uniformity	0.034122085
wavelet-HLL	firstorder	Median	-34.01615026

wavelet-HLL	firstorder	Energy	8874418.183
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	163.963716
wavelet-HLL	firstorder	MeanAbsoluteDeviation	229.3385992
wavelet-HLL	firstorder	TotalEnergy	239609290.9
wavelet-HLL	firstorder	Maximum	495.7614681
wavelet-HLL	firstorder	RootMeanSquared	286.6540401
wavelet-HLL	firstorder	90Percentile	272.2054434
wavelet-HLL	firstorder	Minimum	-690.8684633
wavelet-HLL	firstorder	Entropy	5.035555646
wavelet-HLL	firstorder	Range	1186.629931
wavelet-HLL	firstorder	Variance	78664.40464
wavelet-HLL	firstorder	10Percentile	-470.1358239
wavelet-HLL	firstorder	Kurtosis	2.45362445
wavelet-HLL	firstorder	Mean	-59.21261763
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.017176477
wavelet-HLL	grlm	GrayLevelVariance	126.2050356
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.01722039
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.034108676
wavelet-HLL	grlm	RunVariance	0.02060686
wavelet-HLL	grlm	GrayLevelNonUniformity	3.607112704
wavelet-HLL	grlm	LongRunEmphasis	1.064495721
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	788.4797606
wavelet-HLL	grlm	RunLengthNonUniformity	101.4898457
wavelet-HLL	grlm	ShortRunEmphasis	0.98387607
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	867.2686078
wavelet-HLL	grlm	RunPercentage	0.979344729
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.017396041
wavelet-HLL	grlm	RunEntropy	5.081441254
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	804.2375301
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.95878628
wavelet-HLL	glszm	GrayLevelVariance	124.5910684
wavelet-HLL	glszm	ZoneVariance	0.444444444
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.03368389
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.603414114
wavelet-HLL	glszm	SizeZoneNonUniformity	48.87654321
wavelet-HLL	glszm	GrayLevelNonUniformity	2.728395062
wavelet-HLL	glszm	LargeAreaEmphasis	2.222222222
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	597.3203875
wavelet-HLL	glszm	ZonePercentage	0.75
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.024840447
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1914.135802
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	771.382716
wavelet-HLL	glszm	SmallAreaEmphasis	0.805041152
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021591592
wavelet-HLL	glszm	ZoneEntropy	5.427821571
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020968577
wavelet-HLL	ngtdm	Coarseness	0.042862834
wavelet-HLL	ngtdm	Complexity	4657.547406
wavelet-HLL	ngtdm	Strength	30.04661728
wavelet-HLL	ngtdm	Contrast	1.269333927
wavelet-HLL	ngtdm	Busyness	0.027604301
wavelet-LHL	gldm	GrayLevelVariance	45.96879287
wavelet-LHL	gldm	HighGrayLevelEmphasis	281.6481481

wavelet-LHL	gldm	DependenceEntropy	5.424806572
wavelet-LHL	gldm	DependenceNonUniformity	40.7962963
wavelet-LHL	gldm	GrayLevelNonUniformity	5.148148148
wavelet-LHL	gldm	SmallDependenceEmphasis	0.599215535
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	164.7602238
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.377743484
wavelet-LHL	gldm	LargeDependenceEmphasis	3.574074074
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.045915292
wavelet-LHL	gldm	DependenceVariance	0.671467764
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1008.648148
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017557971
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.021892166
wavelet-LHL	glcm	JointAverage	14.96545504
wavelet-LHL	glcm	SumAverage	29.93091009
wavelet-LHL	glcm	JointEntropy	6.703252034
wavelet-LHL	glcm	ClusterShade	-17.14985743
wavelet-LHL	glcm	MaximumProbability	0.023782045
wavelet-LHL	glcm	ldmn	0.932631432
wavelet-LHL	glcm	JointEnergy	0.010375342
wavelet-LHL	glcm	Contrast	73.682525
wavelet-LHL	glcm	DifferenceEntropy	3.840177254
wavelet-LHL	glcm	InverseVariance	0.13739056
wavelet-LHL	glcm	DifferenceVariance	24.81650802
wavelet-LHL	glcm	ldn	0.829039291
wavelet-LHL	glcm	ldm	0.132762179
wavelet-LHL	glcm	Correlation	0.220777905
wavelet-LHL	glcm	Autocorrelation	234.7049289
wavelet-LHL	glcm	SumEntropy	4.86131902
wavelet-LHL	glcm	SumSquares	47.46044808
wavelet-LHL	glcm	ClusterProminence	29362.00657
wavelet-LHL	glcm	lmc2	0.995544915
wavelet-LHL	glcm	lmc1	-0.525825421
wavelet-LHL	glcm	DifferenceAverage	6.846453997
wavelet-LHL	glcm	ld	0.223658537
wavelet-LHL	glcm	ClusterTendency	116.1592673
wavelet-LHL	firstorder	InterquartileRange	272.0384764
wavelet-LHL	firstorder	Skewness	-0.134160837
wavelet-LHL	firstorder	Uniformity	0.047668038
wavelet-LHL	firstorder	Median	-8.003181937
wavelet-LHL	firstorder	Energy	3217046.391
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	106.6379084
wavelet-LHL	firstorder	MeanAbsoluteDeviation	141.9556894
wavelet-LHL	firstorder	TotalEnergy	86860252.55
wavelet-LHL	firstorder	Maximum	333.7555564
wavelet-LHL	firstorder	RootMeanSquared	172.5904591
wavelet-LHL	firstorder	90Percentile	176.6378578
wavelet-LHL	firstorder	Minimum	-383.9696248
wavelet-LHL	firstorder	Entropy	4.586876773
wavelet-LHL	firstorder	Range	717.7251811
wavelet-LHL	firstorder	Variance	28918.85587
wavelet-LHL	firstorder	10Percentile	-272.8367273
wavelet-LHL	firstorder	Kurtosis	2.17272586
wavelet-LHL	firstorder	Mean	-29.4722024

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.022018366
wavelet-LHL	grlm	GrayLevelVariance	46.24518915
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.022227366
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.047280511
wavelet-LHL	grlm	RunVariance	0.027025358
wavelet-LHL	grlm	GrayLevelNonUniformity	4.968136262
wavelet-LHL	grlm	LongRunEmphasis	1.084121287
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	275.5151714
wavelet-LHL	grlm	RunLengthNonUniformity	99.44134806
wavelet-LHL	grlm	ShortRunEmphasis	0.978969678
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	305.5805536
wavelet-LHL	grlm	RunPercentage	0.972934473
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.023063365
wavelet-LHL	grlm	RunEntropy	4.684598403
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	281.5282478
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.945949284
wavelet-LHL	glszm	GrayLevelVariance	49.91837107
wavelet-LHL	glszm	ZoneVariance	0.842951059
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.044558072
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.562089116
wavelet-LHL	glszm	SizeZoneNonUniformity	41.59459459
wavelet-LHL	glszm	GrayLevelNonUniformity	3.297297297
wavelet-LHL	glszm	LargeAreaEmphasis	2.972972973
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	213.3564189
wavelet-LHL	glszm	ZonePercentage	0.685185185
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.046058255
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	814.1081081
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	281.0405405
wavelet-LHL	glszm	SmallAreaEmphasis	0.777965465
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.027091032
wavelet-LHL	glszm	ZoneEntropy	5.165072115
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.024487736
wavelet-LHL	ngtdm	Coarseness	0.046777368
wavelet-LHL	ngtdm	Complexity	1506.405643
wavelet-LHL	ngtdm	Strength	13.19277143
wavelet-LHL	ngtdm	Contrast	0.543745411
wavelet-LHL	ngtdm	Busyness	0.055789891
wavelet-LHH	gldm	GrayLevelVariance	14.41529492
wavelet-LHH	gldm	HighGrayLevelEmphasis	71.22222222
wavelet-LHH	gldm	DependenceEntropy	5.033467104
wavelet-LHH	gldm	DependenceNonUniformity	31.51851852
wavelet-LHH	gldm	GrayLevelNonUniformity	9.87037037
wavelet-LHH	gldm	SmallDependenceEmphasis	0.444125514
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.95283951
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.291838134
wavelet-LHH	gldm	LargeDependenceEmphasis	5.703703704
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.346602111
wavelet-LHH	gldm	DependenceVariance	1.168381344
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	330.1111111
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.025372902
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.076810774
wavelet-LHH	glcm	JointAverage	7.542238654
wavelet-LHH	glcm	SumAverage	15.08447731



wavelet-LHH	glcm	JointEntropy	6.17052066
wavelet-LHH	glcm	ClusterShade	53.17291812
wavelet-LHH	glcm	MaximumProbability	0.043871497
wavelet-LHH	glcm	Idmn	0.94360941
wavelet-LHH	glcm	JointEnergy	0.016629034
wavelet-LHH	glcm	Contrast	29.72039214
wavelet-LHH	glcm	DifferenceEntropy	3.320033665
wavelet-LHH	glcm	InverseVariance	0.214704938
wavelet-LHH	glcm	DifferenceVariance	10.61962772
wavelet-LHH	glcm	Idn	0.843561379
wavelet-LHH	glcm	Idm	0.204808551
wavelet-LHH	glcm	Correlation	-0.009653727
wavelet-LHH	glcm	Autocorrelation	56.70952628
wavelet-LHH	glcm	SumEntropy	4.072087822
wavelet-LHH	glcm	SumSquares	14.6745395
wavelet-LHH	glcm	ClusterProminence	2664.501712
wavelet-LHH	glcm	Imc2	0.957407263
wavelet-LHH	glcm	Imc1	-0.339972134
wavelet-LHH	glcm	DifferenceAverage	4.293801244
wavelet-LHH	glcm	Id	0.299300938
wavelet-LHH	glcm	ClusterTendency	28.97776587
wavelet-LHH	firstorder	InterquartileRange	127.0437763
wavelet-LHH	firstorder	Skewness	0.472863263
wavelet-LHH	firstorder	Uniformity	0.091392318
wavelet-LHH	firstorder	Median	5.398601485
wavelet-LHH	firstorder	Energy	967510.6341
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	52.33717381
wavelet-LHH	firstorder	MeanAbsoluteDeviation	74.48998562
wavelet-LHH	firstorder	TotalEnergy	26122787.12
wavelet-LHH	firstorder	Maximum	330.4606659
wavelet-LHH	firstorder	RootMeanSquared	94.64899259
wavelet-LHH	firstorder	90Percentile	124.7901377
wavelet-LHH	firstorder	Minimum	-170.8416239
wavelet-LHH	firstorder	Entropy	3.724401479
wavelet-LHH	firstorder	Range	501.3022897
wavelet-LHH	firstorder	Variance	8958.427906
wavelet-LHH	firstorder	10Percentile	-124.3436195
wavelet-LHH	firstorder	Kurtosis	3.35500083
wavelet-LHH	firstorder	Mean	0.062382871
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.074788637
wavelet-LHH	grlm	GrayLevelVariance	14.73922563
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.077143757
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.089033776
wavelet-LHH	grlm	RunVariance	0.049367133
wavelet-LHH	grlm	GrayLevelNonUniformity	9.200675994
wavelet-LHH	grlm	LongRunEmphasis	1.143515654
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	70.29499106
wavelet-LHH	grlm	RunLengthNonUniformity	94.95034854
wavelet-LHH	grlm	ShortRunEmphasis	0.967489447
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	79.74053882
wavelet-LHH	grlm	RunPercentage	0.956552707
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.086815896
wavelet-LHH	grlm	RunEntropy	3.924206581

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	72.03059627
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.918468334
wavelet-LHH	glszm	GrayLevelVariance	19.62468112
wavelet-LHH	glszm	ZoneVariance	5.280612245
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.070153061
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.439413265
wavelet-LHH	glszm	SizeZoneNonUniformity	24.60714286
wavelet-LHH	glszm	GrayLevelNonUniformity	3.928571429
wavelet-LHH	glszm	LargeAreaEmphasis	9
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	74.11587913
wavelet-LHH	glszm	ZonePercentage	0.518518519
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.400203488
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	560.25
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	87.98214286
wavelet-LHH	glszm	SmallAreaEmphasis	0.685919924
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.075504181
wavelet-LHH	glszm	ZoneEntropy	4.76691452
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.0321318
wavelet-LHH	ngtdm	Coarseness	0.044576322
wavelet-LHH	ngtdm	Complexity	373.7504438
wavelet-LHH	ngtdm	Strength	4.652602817
wavelet-LHH	ngtdm	Contrast	0.337117987
wavelet-LHH	ngtdm	Busyness	0.212975643
wavelet-LLH	gldm	GrayLevelVariance	62.31987311
wavelet-LLH	gldm	HighGrayLevelEmphasis	521.787037
wavelet-LLH	gldm	DependenceEntropy	5.582394998
wavelet-LLH	gldm	DependenceNonUniformity	40.27777778
wavelet-LLH	gldm	GrayLevelNonUniformity	4.796296296
wavelet-LLH	gldm	SmallDependenceEmphasis	0.573109568
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	287.3881173
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.372942387
wavelet-LLH	gldm	LargeDependenceEmphasis	3.722222222
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022627291
wavelet-LLH	gldm	DependenceVariance	0.692043896
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2170.787037
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012988306
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.014280006
wavelet-LLH	glcm	JointAverage	21.44302385
wavelet-LLH	glcm	SumAverage	42.88604769
wavelet-LLH	glcm	JointEntropy	6.687605363
wavelet-LLH	glcm	ClusterShade	-983.1814593
wavelet-LLH	glcm	MaximumProbability	0.023753883
wavelet-LLH	glcm	ldmn	0.947764326
wavelet-LLH	glcm	JointEnergy	0.010503567
wavelet-LLH	glcm	Contrast	66.01664424
wavelet-LLH	glcm	DifferenceEntropy	3.727948179
wavelet-LLH	glcm	InverseVariance	0.149894421
wavelet-LLH	glcm	DifferenceVariance	20.91748502
wavelet-LLH	glcm	ldn	0.847924257
wavelet-LLH	glcm	ldm	0.140100969
wavelet-LLH	glcm	Correlation	0.483415877
wavelet-LLH	glcm	Autocorrelation	491.9291044
wavelet-LLH	glcm	SumEntropy	4.961477382

wavelet-LLH	glcm	SumSquares	64.63966726
wavelet-LLH	glcm	ClusterProminence	83452.79539
wavelet-LLH	glcm	Imc2	0.99684638
wavelet-LLH	glcm	Imc1	-0.552911242
wavelet-LLH	glcm	DifferenceAverage	6.478238378
wavelet-LLH	glcm	Id	0.231642299
wavelet-LLH	glcm	ClusterTendency	192.5420248
wavelet-LLH	firstorder	InterquartileRange	323.7861948
wavelet-LLH	firstorder	Skewness	-0.410600163
wavelet-LLH	firstorder	Uniformity	0.044410151
wavelet-LLH	firstorder	Median	-29.7811619
wavelet-LLH	firstorder	Energy	4459132.027
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	130.3166746
wavelet-LLH	firstorder	MeanAbsoluteDeviation	167.3448749
wavelet-LLH	firstorder	TotalEnergy	120396564.7
wavelet-LLH	firstorder	Maximum	234.5304497
wavelet-LLH	firstorder	RootMeanSquared	203.1951267
wavelet-LLH	firstorder	90Percentile	191.7497355
wavelet-LLH	firstorder	Minimum	-571.0494603
wavelet-LLH	firstorder	Entropy	4.647358893
wavelet-LLH	firstorder	Range	805.5799101
wavelet-LLH	firstorder	Variance	38582.45544
wavelet-LLH	firstorder	10Percentile	-301.5212687
wavelet-LLH	firstorder	Kurtosis	2.328909314
wavelet-LLH	firstorder	Mean	-52.01734396
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014560136
wavelet-LLH	glrlm	GrayLevelVariance	62.23303871
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.014621549
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.044293419
wavelet-LLH	glrlm	RunVariance	0.033147296
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.64768821
wavelet-LLH	glrlm	LongRunEmphasis	1.096048552
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	507.1236295
wavelet-LLH	glrlm	RunLengthNonUniformity	99.49687223
wavelet-LLH	glrlm	ShortRunEmphasis	0.978686917
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	575.490704
wavelet-LLH	glrlm	RunPercentage	0.971509972
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.014925236
wavelet-LLH	glrlm	RunEntropy	4.73756378
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	519.8225055
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.946746108
wavelet-LLH	glszm	GrayLevelVariance	63.82022894
wavelet-LLH	glszm	ZoneVariance	0.742728467
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.042972415
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.520735598
wavelet-LLH	glszm	SizeZoneNonUniformity	38.01369863
wavelet-LLH	glszm	GrayLevelNonUniformity	3.136986301
wavelet-LLH	glszm	LargeAreaEmphasis	2.931506849
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	374.0973135
wavelet-LLH	glszm	ZonePercentage	0.675925926
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.026032015
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1595.767123
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	506.5479452

wavelet-LLH	glszm	SmallAreaEmphasis	0.747408676
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01963339
wavelet-LLH	glszm	ZoneEntropy	5.381337572
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018892633
wavelet-LLH	ngtdm	Coarseness	0.053727115
wavelet-LLH	ngtdm	Complexity	1562.303775
wavelet-LLH	ngtdm	Strength	22.18229702
wavelet-LLH	ngtdm	Contrast	0.569782072
wavelet-LLH	ngtdm	Busyness	0.032108076
wavelet-LLL	gldm	GrayLevelVariance	482.861797
wavelet-LLL	gldm	HighGrayLevelEmphasis	1785.537037
wavelet-LLL	gldm	DependenceEntropy	6.03266528
wavelet-LLL	gldm	DependenceNonUniformity	70.66666667
wavelet-LLL	gldm	GrayLevelNonUniformity	2.166666667
wavelet-LLL	gldm	SmallDependenceEmphasis	0.833333333
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1455.759259
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.654320988
wavelet-LLL	gldm	LargeDependenceEmphasis	1.666666667
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014495496
wavelet-LLL	gldm	DependenceVariance	0.172839506
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3104.648148
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013191401
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.01345222
wavelet-LLL	glcm	JointAverage	42.4479866
wavelet-LLL	glcm	SumAverage	84.89597321
wavelet-LLL	glcm	JointEntropy	6.95128779
wavelet-LLL	glcm	ClusterShade	19204.74165
wavelet-LLL	glcm	MaximumProbability	0.01471801
wavelet-LLL	glcm	ldmn	0.941742577
wavelet-LLL	glcm	JointEnergy	0.008273869
wavelet-LLL	glcm	Contrast	681.6614667
wavelet-LLL	glcm	DifferenceEntropy	4.972806369
wavelet-LLL	glcm	InverseVariance	0.05837112
wavelet-LLL	glcm	DifferenceVariance	222.1847079
wavelet-LLL	glcm	ldn	0.838258213
wavelet-LLL	glcm	ldm	0.048658858
wavelet-LLL	glcm	Correlation	0.36805102
wavelet-LLL	glcm	Autocorrelation	1996.188394
wavelet-LLL	glcm	SumEntropy	5.595781637
wavelet-LLL	glcm	SumSquares	532.9896738
wavelet-LLL	glcm	ClusterProminence	5133450.626
wavelet-LLL	glcm	lmc2	0.999932755
wavelet-LLL	glcm	lmc1	-0.78407939
wavelet-LLL	glcm	DifferenceAverage	21.10231643
wavelet-LLL	glcm	ld	0.104177524
wavelet-LLL	glcm	ClusterTendency	1450.297229
wavelet-LLL	firstorder	InterquartileRange	788.1868138
wavelet-LLL	firstorder	Skewness	0.696255992
wavelet-LLL	firstorder	Uniformity	0.020061728
wavelet-LLL	firstorder	Median	-1663.14799
wavelet-LLL	firstorder	Energy	287250391.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	324.199099
wavelet-LLL	firstorder	MeanAbsoluteDeviation	449.9604674

wavelet-LLL	firstorder	TotalEnergy	7755760559
wavelet-LLL	firstorder	Maximum	57.28774842
wavelet-LLL	firstorder	RootMeanSquared	1630.866593
wavelet-LLL	firstorder	90Percentile	-791.9379591
wavelet-LLL	firstorder	Minimum	-2414.402377
wavelet-LLL	firstorder	Entropy	5.791562502
wavelet-LLL	firstorder	Range	2471.690125
wavelet-LLL	firstorder	Variance	301349.8514
wavelet-LLL	firstorder	10Percentile	-2140.170695
wavelet-LLL	firstorder	Kurtosis	2.821541444
wavelet-LLL	firstorder	Mean	-1535.700489
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.013545713
wavelet-LLL	grlm	GrayLevelVariance	483.5219246
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.013555933
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.020030042
wavelet-LLL	grlm	RunVariance	0.008542764
wavelet-LLL	grlm	GrayLevelNonUniformity	2.144828228
wavelet-LLL	grlm	LongRunEmphasis	1.026167837
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1770.944573
wavelet-LLL	grlm	RunLengthNonUniformity	105.2686996
wavelet-LLL	grlm	ShortRunEmphasis	0.993458041
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1835.588169
wavelet-LLL	grlm	RunPercentage	0.991452991
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.013596811
wavelet-LLL	grlm	RunEntropy	5.807111361
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1783.873292
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.982914472
wavelet-LLL	glszm	GrayLevelVariance	492.2552083
wavelet-LLL	glszm	ZoneVariance	0.109375
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019314236
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.78125
wavelet-LLL	glszm	SizeZoneNonUniformity	75
wavelet-LLL	glszm	GrayLevelNonUniformity	1.854166667
wavelet-LLL	glszm	LargeAreaEmphasis	1.375
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1575.895833
wavelet-LLL	glszm	ZonePercentage	0.888888889
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015524976
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2503.395833
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1761.395833
wavelet-LLL	glszm	SmallAreaEmphasis	0.90625
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014938134
wavelet-LLL	glszm	ZoneEntropy	6.022462501
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014791423
wavelet-LLL	ngtdm	Coarseness	0.03681095
wavelet-LLL	ngtdm	Complexity	24693.18768
wavelet-LLL	ngtdm	Strength	97.87014333
wavelet-LLL	ngtdm	Contrast	3.199564287
wavelet-LLL	ngtdm	Busyness	0.017100564
wavelet-HHL	gldm	GrayLevelVariance	28.33950617
wavelet-HHL	gldm	HighGrayLevelEmphasis	212.0925926
wavelet-HHL	gldm	DependenceEntropy	5.488515688
wavelet-HHL	gldm	DependenceNonUniformity	31.2962963
wavelet-HHL	gldm	GrayLevelNonUniformity	7.722222222

wavelet-HHL	gldm	SmallDependenceEmphasis	0.459025206
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	105.4984851
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.289780521
wavelet-HHL	gldm	LargeDependenceEmphasis	5.481481481
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.05665539
wavelet-HHL	gldm	DependenceVariance	1.102537723
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1069.407407
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016044449
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.020919293
wavelet-HHL	glcm	JointAverage	13.60507307
wavelet-HHL	glcm	SumAverage	27.21014613
wavelet-HHL	glcm	JointEntropy	6.486705974
wavelet-HHL	glcm	ClusterShade	65.03373038
wavelet-HHL	glcm	MaximumProbability	0.029703124
wavelet-HHL	glcm	Idmn	0.948536571
wavelet-HHL	glcm	JointEnergy	0.012548713
wavelet-HHL	glcm	Contrast	59.95376392
wavelet-HHL	glcm	DifferenceEntropy	3.701927864
wavelet-HHL	glcm	InverseVariance	0.193162264
wavelet-HHL	glcm	DifferenceVariance	24.88491607
wavelet-HHL	glcm	Idn	0.857410864
wavelet-HHL	glcm	Idm	0.185184588
wavelet-HHL	glcm	Correlation	-0.023700836
wavelet-HHL	glcm	Autocorrelation	184.3889617
wavelet-HHL	glcm	SumEntropy	4.377179879
wavelet-HHL	glcm	SumSquares	29.24392752
wavelet-HHL	glcm	ClusterProminence	12347.3019
wavelet-HHL	glcm	Imc2	0.982132404
wavelet-HHL	glcm	Imc1	-0.413884359
wavelet-HHL	glcm	DifferenceAverage	5.781603506
wavelet-HHL	glcm	Id	0.272875038
wavelet-HHL	glcm	ClusterTendency	57.02194614
wavelet-HHL	firstorder	InterquartileRange	122.9245352
wavelet-HHL	firstorder	Skewness	0.411222613
wavelet-HHL	firstorder	Uniformity	0.071502058
wavelet-HHL	firstorder	Median	-2.348332645
wavelet-HHL	firstorder	Energy	1872086.242
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	59.05781934
wavelet-HHL	firstorder	MeanAbsoluteDeviation	96.33114901
wavelet-HHL	firstorder	TotalEnergy	50546328.53
wavelet-HHL	firstorder	Maximum	430.3419204
wavelet-HHL	firstorder	RootMeanSquared	131.6591503
wavelet-HHL	firstorder	90Percentile	154.7691241
wavelet-HHL	firstorder	Minimum	-308.6657658
wavelet-HHL	firstorder	Entropy	4.067205196
wavelet-HHL	firstorder	Range	739.0076863
wavelet-HHL	firstorder	Variance	17333.5689
wavelet-HHL	firstorder	10Percentile	-176.1473972
wavelet-HHL	firstorder	Kurtosis	3.942480521
wavelet-HHL	firstorder	Mean	0.750312563
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021227856
wavelet-HHL	glrlm	GrayLevelVariance	28.99143456
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.021477405

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.070530834
wavelet-HHL	glrlm	RunVariance	0.049619005
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.297509175
wavelet-HHL	glrlm	LongRunEmphasis	1.143438914
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	206.8876602
wavelet-HHL	glrlm	RunLengthNonUniformity	95.61761119
wavelet-HHL	glrlm	ShortRunEmphasis	0.968556984
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	241.0068474
wavelet-HHL	glrlm	RunPercentage	0.957977208
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.02276978
wavelet-HHL	glrlm	RunEntropy	4.241907777
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	212.9077594
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.922343128
wavelet-HHL	glszm	GrayLevelVariance	38.26083333
wavelet-HHL	glszm	ZoneVariance	1.593333333
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058888889
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.430555556
wavelet-HHL	glszm	SizeZoneNonUniformity	25.83333333
wavelet-HHL	glszm	GrayLevelNonUniformity	3.533333333
wavelet-HHL	glszm	LargeAreaEmphasis	4.833333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	159.6652376
wavelet-HHL	glszm	ZonePercentage	0.555555556
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.062648109
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	966.1666667
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	224.5833333
wavelet-HHL	glszm	SmallAreaEmphasis	0.67441421
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.030453383
wavelet-HHL	glszm	ZoneEntropy	5.177316637
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.027348182
wavelet-HHL	ngtdm	Coarseness	0.050981016
wavelet-HHL	ngtdm	Complexity	956.056885
wavelet-HHL	ngtdm	Strength	10.04637765
wavelet-HHL	ngtdm	Contrast	0.456245823
wavelet-HHL	ngtdm	Busyness	0.068187061
wavelet-HLH	gldm	GrayLevelVariance	16.97085048
wavelet-HLH	gldm	HighGrayLevelEmphasis	128
wavelet-HLH	gldm	DependenceEntropy	5.397772456
wavelet-HLH	gldm	DependenceNonUniformity	28.11111111
wavelet-HLH	gldm	GrayLevelNonUniformity	8.685185185
wavelet-HLH	gldm	SmallDependenceEmphasis	0.496651077
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	76.16073549
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.260288066
wavelet-HLH	gldm	LargeDependenceEmphasis	7.944444444
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.111976385
wavelet-HLH	gldm	DependenceVariance	2.413237311
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	798.9259259
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018077742
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.025719993
wavelet-HLH	glcm	JointAverage	10.62814983
wavelet-HLH	glcm	SumAverage	21.25629966
wavelet-HLH	glcm	JointEntropy	6.296226284
wavelet-HLH	glcm	ClusterShade	63.70673086
wavelet-HLH	glcm	MaximumProbability	0.039646531

wavelet-HLH	glcm	Idmn	0.939514809
wavelet-HLH	glcm	JointEnergy	0.015087221
wavelet-HLH	glcm	Contrast	32.11331061
wavelet-HLH	glcm	DifferenceEntropy	3.411744962
wavelet-HLH	glcm	InverseVariance	0.215321824
wavelet-HLH	glcm	DifferenceVariance	11.83031879
wavelet-HLH	glcm	Idn	0.840594843
wavelet-HLH	glcm	Idm	0.216073762
wavelet-HLH	glcm	Correlation	0.008173649
wavelet-HLH	glcm	Autocorrelation	113.4538303
wavelet-HLH	glcm	SumEntropy	4.123768464
wavelet-HLH	glcm	SumSquares	16.42318532
wavelet-HLH	glcm	ClusterProminence	3677.633371
wavelet-HLH	glcm	Imc2	0.972461301
wavelet-HLH	glcm	Imc1	-0.384129442
wavelet-HLH	glcm	DifferenceAverage	4.42706054
wavelet-HLH	glcm	Id	0.306332088
wavelet-HLH	glcm	ClusterTendency	33.57943065
wavelet-HLH	firstorder	InterquartileRange	114.906577
wavelet-HLH	firstorder	Skewness	0.318929834
wavelet-HLH	firstorder	Uniformity	0.080418381
wavelet-HLH	firstorder	Median	-10.26725591
wavelet-HLH	firstorder	Energy	1158221.847
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	52.07263325
wavelet-HLH	firstorder	MeanAbsoluteDeviation	79.82321949
wavelet-HLH	firstorder	TotalEnergy	31271989.87
wavelet-HLH	firstorder	Maximum	265.1796799
wavelet-HLH	firstorder	RootMeanSquared	103.5580821
wavelet-HLH	firstorder	90Percentile	143.4986008
wavelet-HLH	firstorder	Minimum	-227.9130539
wavelet-HLH	firstorder	Entropy	3.908958413
wavelet-HLH	firstorder	Range	493.0927338
wavelet-HLH	firstorder	Variance	10723.85109
wavelet-HLH	firstorder	10Percentile	-130.4699855
wavelet-HLH	firstorder	Kurtosis	3.023030923
wavelet-HLH	firstorder	Mean	0.652127229
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.025900971
wavelet-HLH	grlm	GrayLevelVariance	17.64000013
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.026417261
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.078028622
wavelet-HLH	grlm	RunVariance	0.061107032
wavelet-HLH	grlm	GrayLevelNonUniformity	7.991451711
wavelet-HLH	grlm	LongRunEmphasis	1.176113292
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	125.6500356
wavelet-HLH	grlm	RunLengthNonUniformity	92.52714892
wavelet-HLH	grlm	ShortRunEmphasis	0.960781094
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	146.854503
wavelet-HLH	grlm	RunPercentage	0.948005698
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.028741383
wavelet-HLH	grlm	RunEntropy	4.143226086
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	129.5968052
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.902693909
wavelet-HLH	glszm	GrayLevelVariance	24.24993701



wavelet-HLH	glszm	ZoneVariance	2.712018141
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.06122449
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.536407155
wavelet-HLH	glszm	SizeZoneNonUniformity	33.79365079
wavelet-HLH	glszm	GrayLevelNonUniformity	3.857142857
wavelet-HLH	glszm	LargeAreaEmphasis	5.650793651
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	120.6645237
wavelet-HLH	glszm	ZonePercentage	0.583333333
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.094321746
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	589.8095238
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	146.6507937
wavelet-HLH	glszm	SmallAreaEmphasis	0.759488266
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.033800633
wavelet-HLH	glszm	ZoneEntropy	4.972768614
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029400548
wavelet-HLH	ngtdm	Coarseness	0.048781303
wavelet-HLH	ngtdm	Complexity	487.1054275
wavelet-HLH	ngtdm	Strength	5.88121162
wavelet-HLH	ngtdm	Contrast	0.292789583
wavelet-HLH	ngtdm	Busyness	0.114004275

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	b3f
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	876
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original	shape	Maximum2DDiameterSlice	30
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original	shape	MinorAxis	27.79280797
original	shape	Elongation	0.307012037
original	shape	SurfaceVolumeRatio	0.266189504
original	shape	Volume	23652
original	shape	MajorAxis	90.52676974
original	shape	SurfaceArea	6295.914137
original	shape	Flatness	0.22402172
original	shape	LeastAxis	20.27996262
original	shape	Maximum2DDiameterColumn	70.61161378
original	shape	Maximum2DDiameterRow	71.30918594
original	gldm	GrayLevelVariance	99.23273467
original	gldm	HighGrayLevelEmphasis	1193.28653
original	gldm	DependenceEntropy	6.687263549
original	gldm	DependenceNonUniformity	253.3196347
original	gldm	GrayLevelNonUniformity	33.69634703
original	gldm	SmallDependenceEmphasis	0.528369116
original	gldm	SmallDependenceHighGrayLevelEmphasis	516.1245179
original	gldm	DependenceNonUniformityNormalized	0.289177665
original	gldm	LargeDependenceEmphasis	11.29680365
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.010642565
original	gldm	DependenceVariance	5.183039344
original	gldm	LargeDependenceHighGrayLevelEmphasis	20048.77511

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.003594954
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original	glcm	JointAverage	34.04221583
original	glcm	SumAverage	68.08443167
original	glcm	JointEntropy	8.803216877
original	glcm	ClusterShade	-2853.112573
original	glcm	MaximumProbability	0.027408169
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original	glcm	Contrast	125.8088994
original	glcm	DifferenceEntropy	4.45585701
original	glcm	InverseVariance	0.173184769
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original	glcm	Correlation	0.390989246
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original	glcm	SumSquares	103.0455625
original	glcm	ClusterProminence	214677.4012
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original	glcm	ClusterTendency	286.3733505
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original	firstorder	Skewness	-0.644158423
original	firstorder	Uniformity	0.03846615
original	firstorder	Median	-231
original	firstorder	Energy	114151711
original	firstorder	RobustMeanAbsoluteDeviation	163.7305298
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original	firstorder	Maximum	133
original	firstorder	RootMeanSquared	360.985003
original	firstorder	90Percentile	23
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original	firstorder	Entropy	5.007005577
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.004248173
original	glrlm	GrayLevelVariance	98.44449935
original	glrlm	LowGrayLevelRunEmphasis	0.00428014
original	glrlm	GrayLevelNonUniformityNormalized	0.03574623
original	glrlm	RunVariance	0.075706231
original	glrlm	GrayLevelNonUniformity	29.54479843
original	glrlm	LongRunEmphasis	1.199869817
original	glrlm	ShortRunHighGrayLevelEmphasis	1097.042554
original	glrlm	RunLengthNonUniformity	744.6016305
original	glrlm	ShortRunEmphasis	0.959957985

original	glrlm	LongRunHighGrayLevelEmphasis	1505.108354
original	glrlm	RunPercentage	0.943361433
original	glrlm	LongRunLowGrayLevelEmphasis	0.004430599
original	glrlm	RunEntropy	5.300771644
original	glrlm	HighGrayLevelRunEmphasis	1163.544187
original	glrlm	RunLengthNonUniformityNormalized	0.900842424
original	glszm	GrayLevelVariance	91.43629002
original	glszm	ZoneVariance	12.09809867
original	glszm	GrayLevelNonUniformityNormalized	0.031133838
original	glszm	SizeZoneNonUniformityNormalized	0.577270935
original	glszm	SizeZoneNonUniformity	300.7581574
original	glszm	GrayLevelNonUniformity	16.22072937
original	glszm	LargeAreaEmphasis	14.92514395
original	glszm	SmallAreaHighGrayLevelEmphasis	741.6554604
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.014508132
original	glszm	LargeAreaHighGrayLevelEmphasis	27050.61228
original	glszm	HighGrayLevelZoneEmphasis	989.2495202
original	glszm	SmallAreaEmphasis	0.78813641
original	glszm	LowGrayLevelZoneEmphasis	0.006205858
original	glszm	ZoneEntropy	6.193424511
original	glszm	SmallAreaLowGrayLevelEmphasis	0.005923459
original	ngtdm	Coarseness	0.006087012
original	ngtdm	Complexity	5652.519617
original	ngtdm	Strength	6.637933123
original	ngtdm	Contrast	0.508141404
original	ngtdm	Busyness	0.088947289
wavelet-HHH	gldm	GrayLevelVariance	21.75450366
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wavelet-HHH	gldm	DependenceEntropy	6.20019861
wavelet-HHH	gldm	DependenceNonUniformity	180.3424658
wavelet-HHH	gldm	GrayLevelNonUniformity	66.27853881
wavelet-HHH	gldm	SmallDependenceEmphasis	0.402143859
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	237.9667989
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.205870395
wavelet-HHH	gldm	LargeDependenceEmphasis	11.55251142
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023010057
wavelet-HHH	gldm	DependenceVariance	3.806837847
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6396.203196
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002145359
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.003305758
wavelet-HHH	glcm	JointAverage	23.45859771
wavelet-HHH	glcm	SumAverage	46.91719542
wavelet-HHH	glcm	JointEntropy	7.651004698
wavelet-HHH	glcm	ClusterShade	-8.325939425
wavelet-HHH	glcm	MaximumProbability	0.027403984
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wavelet-HHH	glcm	JointEnergy	0.008090852
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wavelet-HHH	glcm	DifferenceEntropy	3.677773571
wavelet-HHH	glcm	InverseVariance	0.232215655
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wavelet-HHH	glcm	Idm	0.231491652
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wavelet-HHH	glcm	SumEntropy	4.51089184
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wavelet-HHH	glcm	Imc2	0.783088874
wavelet-HHH	glcm	Imc1	-0.117767004
wavelet-HHH	glcm	DifferenceAverage	4.560449464
wavelet-HHH	glcm	Id	0.318849129
wavelet-HHH	glcm	ClusterTendency	38.26174334
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wavelet-HHH	firstorder	Skewness	-0.035107484
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wavelet-HHH	firstorder	Median	-3.831928935
wavelet-HHH	firstorder	Energy	11943457.98
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	50.33821806
wavelet-HHH	firstorder	MeanAbsoluteDeviation	83.59011825
wavelet-HHH	firstorder	TotalEnergy	322473365.5
wavelet-HHH	firstorder	Maximum	505.3836829
wavelet-HHH	firstorder	RootMeanSquared	116.7650823
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wavelet-HHH	firstorder	Entropy	4.131771249
wavelet-HHH	firstorder	Range	1074.712964
wavelet-HHH	firstorder	Variance	13627.20905
wavelet-HHH	firstorder	10Percentile	-127.5522523
wavelet-HHH	firstorder	Kurtosis	5.315167188
wavelet-HHH	firstorder	Mean	-2.622098434
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003311954
wavelet-HHH	glrlm	GrayLevelVariance	22.93558516
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.003410047
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.072002233
wavelet-HHH	glrlm	RunVariance	0.080841701
wavelet-HHH	glrlm	GrayLevelNonUniformity	58.74977687
wavelet-HHH	glrlm	LongRunEmphasis	1.234111237
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	542.2166314
wavelet-HHH	glrlm	RunLengthNonUniformity	712.7396325
wavelet-HHH	glrlm	ShortRunEmphasis	0.948364574
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	700.2396511
wavelet-HHH	glrlm	RunPercentage	0.931419038
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wavelet-HHH	glrlm	RunEntropy	4.517312091
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	570.7356169
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.050317576
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.506689921
wavelet-HHH	glszm	SizeZoneNonUniformity	198.622449
wavelet-HHH	glszm	GrayLevelNonUniformity	19.7244898
wavelet-HHH	glszm	LargeAreaEmphasis	28.37244898
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	442.8459296

wavelet-HHH	glszm	ZonePercentage	0.447488584
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.055717354
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	15611.78061
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	589.252551
wavelet-HHH	glszm	SmallAreaEmphasis	0.739012509
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.005014503
wavelet-HHH	glszm	ZoneEntropy	5.845210321
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004478878
wavelet-HHH	ngtdm	Coarseness	0.008087421
wavelet-HHH	ngtdm	Complexity	1770.714759
wavelet-HHH	ngtdm	Strength	3.227133502
wavelet-HHH	ngtdm	Contrast	0.127014752
wavelet-HHH	ngtdm	Busyness	0.119175642
wavelet-HLL	gldm	GrayLevelVariance	46.28760868
wavelet-HLL	gldm	HighGrayLevelEmphasis	403.652968
wavelet-HLL	gldm	DependenceEntropy	6.594503651
wavelet-HLL	gldm	DependenceNonUniformity	238.9360731
wavelet-HLL	gldm	GrayLevelNonUniformity	39.55251142
wavelet-HLL	gldm	SmallDependenceEmphasis	0.465686886
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	215.9901827
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.272758074
wavelet-HLL	gldm	LargeDependenceEmphasis	6.785388128
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.032266925
wavelet-HLL	gldm	DependenceVariance	1.840349451
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2332.650685
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00656672
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.008839851
wavelet-HLL	glcm	JointAverage	18.4697743
wavelet-HLL	glcm	SumAverage	36.93954859
wavelet-HLL	glcm	JointEntropy	8.712599119
wavelet-HLL	glcm	ClusterShade	506.6117926
wavelet-HLL	glcm	MaximumProbability	0.010694084
wavelet-HLL	glcm	ldmn	0.966466921
wavelet-HLL	glcm	JointEnergy	0.003168914
wavelet-HLL	glcm	Contrast	82.28352506
wavelet-HLL	glcm	DifferenceEntropy	4.137163745
wavelet-HLL	glcm	InverseVariance	0.176128987
wavelet-HLL	glcm	DifferenceVariance	36.8467738
wavelet-HLL	glcm	ldn	0.885314336
wavelet-HLL	glcm	ldm	0.17017231
wavelet-HLL	glcm	Correlation	0.139931019
wavelet-HLL	glcm	Autocorrelation	348.1753594
wavelet-HLL	glcm	SumEntropy	5.300088903
wavelet-HLL	glcm	SumSquares	48.1702146
wavelet-HLL	glcm	ClusterProminence	45527.44577
wavelet-HLL	glcm	lmc2	0.894713889
wavelet-HLL	glcm	lmc1	-0.172212612
wavelet-HLL	glcm	DifferenceAverage	6.59362281
wavelet-HLL	glcm	ld	0.257050613
wavelet-HLL	glcm	ClusterTendency	110.3973333
wavelet-HLL	firstorder	InterquartileRange	202.4119929
wavelet-HLL	firstorder	Skewness	0.390972232
wavelet-HLL	firstorder	Uniformity	0.045151269

wavelet-HLL	firstorder	Median	-21.66921058
wavelet-HLL	firstorder	Energy	25467535.1
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	85.11384008
wavelet-HLL	firstorder	MeanAbsoluteDeviation	129.8176891
wavelet-HLL	firstorder	TotalEnergy	687623447.8
wavelet-HLL	firstorder	Maximum	663.9303276
wavelet-HLL	firstorder	RootMeanSquared	170.5066821
wavelet-HLL	firstorder	90Percentile	215.7031568
wavelet-HLL	firstorder	Minimum	-469.0298626
wavelet-HLL	firstorder	Entropy	4.752025642
wavelet-HLL	firstorder	Range	1132.96019
wavelet-HLL	firstorder	Variance	28852.90382
wavelet-HLL	firstorder	10Percentile	-226.1142688
wavelet-HLL	firstorder	Kurtosis	3.620836612
wavelet-HLL	firstorder	Mean	-14.81974479
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.008926685
wavelet-HLL	grlm	GrayLevelVariance	47.4610618
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.00907349
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.044402839
wavelet-HLL	grlm	RunVariance	0.053985686
wavelet-HLL	grlm	GrayLevelNonUniformity	37.06547805
wavelet-HLL	grlm	LongRunEmphasis	1.155916364
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	394.9676923
wavelet-HLL	grlm	RunLengthNonUniformity	761.4247634
wavelet-HLL	grlm	ShortRunEmphasis	0.96485344
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	459.7766513
wavelet-HLL	grlm	RunPercentage	0.952932912
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.009711733
wavelet-HLL	grlm	RunEntropy	5.018347742
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	406.8645748
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.91179644
wavelet-HLL	glszm	GrayLevelVariance	64.2382247
wavelet-HLL	glszm	ZoneVariance	5.566944425
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036146812
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.474834051
wavelet-HLL	glszm	SizeZoneNonUniformity	226.0210084
wavelet-HLL	glszm	GrayLevelNonUniformity	17.20588235
wavelet-HLL	glszm	LargeAreaEmphasis	8.953781513
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	347.0163288
wavelet-HLL	glszm	ZonePercentage	0.543378995
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.041748414
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3146.781513
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	453.2226891
wavelet-HLL	glszm	SmallAreaEmphasis	0.715925841
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012758522
wavelet-HLL	glszm	ZoneEntropy	6.296563482
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011477769
wavelet-HLL	ngtdm	Coarseness	0.008423331
wavelet-HLL	ngtdm	Complexity	3104.923386
wavelet-HLL	ngtdm	Strength	4.449008237
wavelet-HLL	ngtdm	Contrast	0.243723738
wavelet-HLL	ngtdm	Busyness	0.144322229
wavelet-LHL	gldm	GrayLevelVariance	74.77189148

wavelet-LHL	gldm	HighGrayLevelEmphasis	1486.592466
wavelet-LHL	gldm	DependenceEntropy	6.717611436
wavelet-LHL	gldm	DependenceNonUniformity	275.4063927
wavelet-LHL	gldm	GrayLevelNonUniformity	32.84703196
wavelet-LHL	gldm	SmallDependenceEmphasis	0.544952516
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	854.4513436
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.314390859
wavelet-LHL	gldm	LargeDependenceEmphasis	5.716894977
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005751011
wavelet-LHL	gldm	DependenceVariance	1.652712621
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7809.603881
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001615886
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001985036
wavelet-LHL	glcm	JointAverage	37.50462767
wavelet-LHL	glcm	SumAverage	75.00925535
wavelet-LHL	glcm	JointEntropy	9.050147309
wavelet-LHL	glcm	ClusterShade	1052.439269
wavelet-LHL	glcm	MaximumProbability	0.009713465
wavelet-LHL	glcm	ldmn	0.97601451
wavelet-LHL	glcm	JointEnergy	0.002494314
wavelet-LHL	glcm	Contrast	134.3119158
wavelet-LHL	glcm	DifferenceEntropy	4.471531409
wavelet-LHL	glcm	InverseVariance	0.142344456
wavelet-LHL	glcm	DifferenceVariance	59.47572906
wavelet-LHL	glcm	ldn	0.901377124
wavelet-LHL	glcm	ldm	0.140062703
wavelet-LHL	glcm	Correlation	0.108228114
wavelet-LHL	glcm	Autocorrelation	1414.641758
wavelet-LHL	glcm	SumEntropy	5.580052881
wavelet-LHL	glcm	SumSquares	75.19258053
wavelet-LHL	glcm	ClusterProminence	105951.0866
wavelet-LHL	glcm	lmc2	0.928509458
wavelet-LHL	glcm	lmc1	-0.198646134
wavelet-LHL	glcm	DifferenceAverage	8.462650563
wavelet-LHL	glcm	ld	0.223148022
wavelet-LHL	glcm	ClusterTendency	166.4584064
wavelet-LHL	firstorder	InterquartileRange	246.8323232
wavelet-LHL	firstorder	Skewness	0.449333395
wavelet-LHL	firstorder	Uniformity	0.037496612
wavelet-LHL	firstorder	Median	-18.99723911
wavelet-LHL	firstorder	Energy	41091545.2
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	105.918825
wavelet-LHL	firstorder	MeanAbsoluteDeviation	163.6567421
wavelet-LHL	firstorder	TotalEnergy	1109471720
wavelet-LHL	firstorder	Maximum	845.1718589
wavelet-LHL	firstorder	RootMeanSquared	216.5829093
wavelet-LHL	firstorder	90Percentile	288.3651158
wavelet-LHL	firstorder	Minimum	-912.4936941
wavelet-LHL	firstorder	Entropy	5.041056236
wavelet-LHL	firstorder	Range	1757.665553
wavelet-LHL	firstorder	Variance	46905.17812
wavelet-LHL	firstorder	10Percentile	-242.1933471
wavelet-LHL	firstorder	Kurtosis	4.096083145



wavelet-LHL	firstorder	Mean	1.725831957
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002009829
wavelet-LHL	glrlm	GrayLevelVariance	76.55579386
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002033291
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.036688991
wavelet-LHL	glrlm	RunVariance	0.043608314
wavelet-LHL	glrlm	GrayLevelNonUniformity	30.88363257
wavelet-LHL	glrlm	LongRunEmphasis	1.127182949
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1451.7266
wavelet-LHL	glrlm	RunLengthNonUniformity	779.4678883
wavelet-LHL	glrlm	ShortRunEmphasis	0.970675649
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1663.940154
wavelet-LHL	glrlm	RunPercentage	0.960923779
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002135998
wavelet-LHL	glrlm	RunEntropy	5.265471591
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1491.780445
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.925686752
wavelet-LHL	glszm	GrayLevelVariance	97.92770918
wavelet-LHL	glszm	ZoneVariance	3.592387469
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.030431535
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.563343097
wavelet-LHL	glszm	SizeZoneNonUniformity	303.6419295
wavelet-LHL	glszm	GrayLevelNonUniformity	16.4025974
wavelet-LHL	glszm	LargeAreaEmphasis	6.233766234
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1238.773938
wavelet-LHL	glszm	ZonePercentage	0.615296804
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.006909597
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	8470.907236
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1558.330241
wavelet-LHL	glszm	SmallAreaEmphasis	0.778785939
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002718746
wavelet-LHL	glszm	ZoneEntropy	6.335183114
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002538839
wavelet-LHL	ngtdm	Coarseness	0.007350171
wavelet-LHL	ngtdm	Complexity	7404.755388
wavelet-LHL	ngtdm	Strength	7.349429067
wavelet-LHL	ngtdm	Contrast	0.320383429
wavelet-LHL	ngtdm	Busyness	0.06351471
wavelet-LHH	gldm	GrayLevelVariance	68.08354705
wavelet-LHH	gldm	HighGrayLevelEmphasis	1725.205479
wavelet-LHH	gldm	DependenceEntropy	6.576177185
wavelet-LHH	gldm	DependenceNonUniformity	263.3493151
wavelet-LHH	gldm	GrayLevelNonUniformity	39.7260274
wavelet-LHH	gldm	SmallDependenceEmphasis	0.532935001
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	940.2581918
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.300627072
wavelet-LHH	gldm	LargeDependenceEmphasis	7.198630137
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.005737669
wavelet-LHH	gldm	DependenceVariance	2.533819145
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	11882.5411
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001570676
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.001864733
wavelet-LHH	glcm	JointAverage	40.58969055

wavelet-LHH	glcm	SumAverage	81.17938109
wavelet-LHH	glcm	JointEntropy	8.747997952
wavelet-LHH	glcm	ClusterShade	-17.23252095
wavelet-LHH	glcm	MaximumProbability	0.015736003
wavelet-LHH	glcm	Idmn	0.98143316
wavelet-LHH	glcm	JointEnergy	0.00338455
wavelet-LHH	glcm	Contrast	132.4548262
wavelet-LHH	glcm	DifferenceEntropy	4.435849692
wavelet-LHH	glcm	InverseVariance	0.152570816
wavelet-LHH	glcm	DifferenceVariance	65.03787845
wavelet-LHH	glcm	Idn	0.91493284
wavelet-LHH	glcm	Idm	0.152896634
wavelet-LHH	glcm	Correlation	-0.028081848
wavelet-LHH	glcm	Autocorrelation	1646.061065
wavelet-LHH	glcm	SumEntropy	5.297222364
wavelet-LHH	glcm	SumSquares	64.75793394
wavelet-LHH	glcm	ClusterProminence	106086.6731
wavelet-LHH	glcm	Imc2	0.923172204
wavelet-LHH	glcm	Imc1	-0.198043353
wavelet-LHH	glcm	DifferenceAverage	8.089258271
wavelet-LHH	glcm	Id	0.236150617
wavelet-LHH	glcm	ClusterTendency	126.5769096
wavelet-LHH	firstorder	InterquartileRange	194.1213569
wavelet-LHH	firstorder	Skewness	0.07209414
wavelet-LHH	firstorder	Uniformity	0.045349346
wavelet-LHH	firstorder	Median	2.585738275
wavelet-LHH	firstorder	Energy	37172246.29
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	83.0584458
wavelet-LHH	firstorder	MeanAbsoluteDeviation	142.3690117
wavelet-LHH	firstorder	TotalEnergy	1003650650
wavelet-LHH	firstorder	Maximum	979.6825592
wavelet-LHH	firstorder	RootMeanSquared	205.9953182
wavelet-LHH	firstorder	90Percentile	227.8008624
wavelet-LHH	firstorder	Minimum	-990.7494776
wavelet-LHH	firstorder	Entropy	4.893100632
wavelet-LHH	firstorder	Range	1970.432037
wavelet-LHH	firstorder	Variance	42406.48839
wavelet-LHH	firstorder	10Percentile	-227.7694955
wavelet-LHH	firstorder	Kurtosis	6.510462397
wavelet-LHH	firstorder	Mean	5.251924632
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.001902572
wavelet-LHH	grlm	GrayLevelVariance	70.65374459
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.001922896
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.043625427
wavelet-LHH	grlm	RunVariance	0.054867904
wavelet-LHH	grlm	GrayLevelNonUniformity	36.51641575
wavelet-LHH	grlm	LongRunEmphasis	1.151260122
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	1674.494676
wavelet-LHH	grlm	RunLengthNonUniformity	769.0408076
wavelet-LHH	grlm	ShortRunEmphasis	0.967516606
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	1978.42256
wavelet-LHH	grlm	RunPercentage	0.95539164
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.002017618

wavelet-LHH	grlm	RunEntropy	5.153063631
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	1728.438829
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.918499304
wavelet-LHH	glszm	GrayLevelVariance	101.7990502
wavelet-LHH	glszm	ZoneVariance	6.67088165
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.032333489
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.569059204
wavelet-LHH	glszm	SizeZoneNonUniformity	298.1870229
wavelet-LHH	glszm	GrayLevelNonUniformity	16.94274809
wavelet-LHH	glszm	LargeAreaEmphasis	9.465648855
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	1388.778722
wavelet-LHH	glszm	ZonePercentage	0.598173516
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.007942299
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	15648.00382
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1761.583969
wavelet-LHH	glszm	SmallAreaEmphasis	0.782547395
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.002695201
wavelet-LHH	glszm	ZoneEntropy	6.265352378
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.002557039
wavelet-LHH	ngtdm	Coarseness	0.008253425
wavelet-LHH	ngtdm	Complexity	9031.017994
wavelet-LHH	ngtdm	Strength	10.11170397
wavelet-LHH	ngtdm	Contrast	0.22820271
wavelet-LHH	ngtdm	Busyness	0.038639891
wavelet-LLH	gldm	GrayLevelVariance	128.2015492
wavelet-LLH	gldm	HighGrayLevelEmphasis	1257.038813
wavelet-LLH	gldm	DependenceEntropy	6.725805491
wavelet-LLH	gldm	DependenceNonUniformity	359.326484
wavelet-LLH	gldm	GrayLevelNonUniformity	26.41780822
wavelet-LLH	gldm	SmallDependenceEmphasis	0.653388935
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	874.239722
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.41019005
wavelet-LLH	gldm	LargeDependenceEmphasis	4.075342466
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.007038958
wavelet-LLH	gldm	DependenceVariance	1.158889514
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4527.175799
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003347062
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003738834
wavelet-LLH	glcm	JointAverage	33.70702212
wavelet-LLH	glcm	SumAverage	67.41404425
wavelet-LLH	glcm	JointEntropy	9.353392944
wavelet-LLH	glcm	ClusterShade	2176.668513
wavelet-LLH	glcm	MaximumProbability	0.008220403
wavelet-LLH	glcm	ldmn	0.963898164
wavelet-LLH	glcm	JointEnergy	0.001984027
wavelet-LLH	glcm	Contrast	237.6910212
wavelet-LLH	glcm	DifferenceEntropy	4.837179054
wavelet-LLH	glcm	InverseVariance	0.118337886
wavelet-LLH	glcm	DifferenceVariance	104.5521132
wavelet-LLH	glcm	ldn	0.881434709
wavelet-LLH	glcm	ldm	0.109376849
wavelet-LLH	glcm	Correlation	0.054449808
wavelet-LLH	glcm	Autocorrelation	1143.563537

wavelet-LLH	glcm	SumEntropy	5.849101323
wavelet-LLH	glcm	SumSquares	126.2100227
wavelet-LLH	glcm	ClusterProminence	302383.1648
wavelet-LLH	glcm	Imc2	0.969183747
wavelet-LLH	glcm	Imc1	-0.261748167
wavelet-LLH	glcm	DifferenceAverage	11.2053866
wavelet-LLH	glcm	Id	0.187083581
wavelet-LLH	glcm	ClusterTendency	267.1490697
wavelet-LLH	firstorder	InterquartileRange	311.4311062
wavelet-LLH	firstorder	Skewness	0.335164319
wavelet-LLH	firstorder	Uniformity	0.030157315
wavelet-LLH	firstorder	Median	-26.52394102
wavelet-LLH	firstorder	Energy	70122585.52
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	134.021259
wavelet-LLH	firstorder	MeanAbsoluteDeviation	211.7892907
wavelet-LLH	firstorder	TotalEnergy	1893309809
wavelet-LLH	firstorder	Maximum	1041.886988
wavelet-LLH	firstorder	RootMeanSquared	282.928637
wavelet-LLH	firstorder	90Percentile	386.0867543
wavelet-LLH	firstorder	Minimum	-819.3409705
wavelet-LLH	firstorder	Entropy	5.415572301
wavelet-LLH	firstorder	Range	1861.227958
wavelet-LLH	firstorder	Variance	80043.42703
wavelet-LLH	firstorder	10Percentile	-317.3446829
wavelet-LLH	firstorder	Kurtosis	3.786360448
wavelet-LLH	firstorder	Mean	2.277407171
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003790894
wavelet-LLH	glrlm	GrayLevelVariance	130.6818139
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003813038
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.029472802
wavelet-LLH	glrlm	RunVariance	0.030286739
wavelet-LLH	glrlm	GrayLevelNonUniformity	25.11646772
wavelet-LLH	glrlm	LongRunEmphasis	1.087425043
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1240.227031
wavelet-LLH	glrlm	RunLengthNonUniformity	808.2353338
wavelet-LLH	glrlm	ShortRunEmphasis	0.979816848
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1356.030442
wavelet-LLH	glrlm	RunPercentage	0.972778363
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003909271
wavelet-LLH	glrlm	RunEntropy	5.576269109
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1262.064328
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.948248714
wavelet-LLH	glszm	GrayLevelVariance	160.3831872
wavelet-LLH	glszm	ZoneVariance	1.74180994
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.024152377
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.660233664
wavelet-LLH	glszm	SizeZoneNonUniformity	413.9665072
wavelet-LLH	glszm	GrayLevelNonUniformity	15.14354067
wavelet-LLH	glszm	LargeAreaEmphasis	3.693779904
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1138.963714
wavelet-LLH	glszm	ZonePercentage	0.715753425
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.007620134
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4182.421053

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1322.899522
wavelet-LLH	glszm	SmallAreaEmphasis	0.838880977
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004778575
wavelet-LLH	glszm	ZoneEntropy	6.423065063
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004590648
wavelet-LLH	ngtdm	Coarseness	0.00717891
wavelet-LLH	ngtdm	Complexity	15084.51357
wavelet-LLH	ngtdm	Strength	10.47575974
wavelet-LLH	ngtdm	Contrast	0.452389928
wavelet-LLH	ngtdm	Busyness	0.05598401
wavelet-LLL	gldm	GrayLevelVariance	485.5824524
wavelet-LLL	gldm	HighGrayLevelEmphasis	4264.182648
wavelet-LLL	gldm	DependenceEntropy	7.332105024
wavelet-LLL	gldm	DependenceNonUniformity	401.2283105
wavelet-LLL	gldm	GrayLevelNonUniformity	12.01598174
wavelet-LLL	gldm	SmallDependenceEmphasis	0.689954021
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2725.130439
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.458023186
wavelet-LLL	gldm	LargeDependenceEmphasis	2.997716895
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002615649
wavelet-LLL	gldm	DependenceVariance	0.636793436
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	15547.11416
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001754815
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001887254
wavelet-LLL	glcm	JointAverage	64.03482455
wavelet-LLL	glcm	SumAverage	128.0696491
wavelet-LLL	glcm	JointEntropy	9.979380566
wavelet-LLL	glcm	ClusterShade	-17676.58363
wavelet-LLL	glcm	MaximumProbability	0.004541633
wavelet-LLL	glcm	Idmn	0.972350578
wavelet-LLL	glcm	JointEnergy	0.001097183
wavelet-LLL	glcm	Contrast	333.2467984
wavelet-LLL	glcm	DifferenceEntropy	5.154290222
wavelet-LLL	glcm	InverseVariance	0.082155856
wavelet-LLL	glcm	DifferenceVariance	126.13175
wavelet-LLL	glcm	Idn	0.888388897
wavelet-LLL	glcm	Idm	0.078916985
wavelet-LLL	glcm	Correlation	0.663116496
wavelet-LLL	glcm	Autocorrelation	4427.066373
wavelet-LLL	glcm	SumEntropy	7.047046398
wavelet-LLL	glcm	SumSquares	492.9683313
wavelet-LLL	glcm	ClusterProminence	6024843.721
wavelet-LLL	glcm	Imc2	0.99708191
wavelet-LLL	glcm	Imc1	-0.410152853
wavelet-LLL	glcm	DifferenceAverage	14.2042021
wavelet-LLL	glcm	Id	0.148795677
wavelet-LLL	glcm	ClusterTendency	1638.626527
wavelet-LLL	firstorder	InterquartileRange	841.0213178
wavelet-LLL	firstorder	Skewness	-0.16336332
wavelet-LLL	firstorder	Uniformity	0.013716874
wavelet-LLL	firstorder	Median	-728.7527612
wavelet-LLL	firstorder	Energy	759404142.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	353.4396909

wavelet-LLL	firstorder	MeanAbsoluteDeviation	463.9243279
wavelet-LLL	firstorder	TotalEnergy	20503911857
wavelet-LLL	firstorder	Maximum	327.933613
wavelet-LLL	firstorder	RootMeanSquared	931.0744903
wavelet-LLL	firstorder	90Percentile	22.70194935
wavelet-LLL	firstorder	Minimum	-2262.407394
wavelet-LLL	firstorder	Entropy	6.315918865
wavelet-LLL	firstorder	Range	2590.341007
wavelet-LLL	firstorder	Variance	303215.2737
wavelet-LLL	firstorder	10Percentile	-1485.97678
wavelet-LLL	firstorder	Kurtosis	2.196091261
wavelet-LLL	firstorder	Mean	-750.7892066
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.00191293
wavelet-LLL	grlm	GrayLevelVariance	482.6367394
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.001918857
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.013690834
wavelet-LLL	grlm	RunVariance	0.023149059
wavelet-LLL	grlm	GrayLevelNonUniformity	11.74573579
wavelet-LLL	grlm	LongRunEmphasis	1.065884867
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	4160.752141
wavelet-LLL	grlm	RunLengthNonUniformity	824.4710043
wavelet-LLL	grlm	ShortRunEmphasis	0.9848853
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	4592.369962
wavelet-LLL	grlm	RunPercentage	0.979364243
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.001944557
wavelet-LLL	grlm	RunEntropy	6.409537878
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	4241.519553
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.960928451
wavelet-LLL	glszm	GrayLevelVariance	446.5923423
wavelet-LLL	glszm	ZoneVariance	0.789465141
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013806599
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.662739316
wavelet-LLL	glszm	SizeZoneNonUniformity	441.3843844
wavelet-LLL	glszm	GrayLevelNonUniformity	9.195195195
wavelet-LLL	glszm	LargeAreaEmphasis	2.51951952
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3262.081211
wavelet-LLL	glszm	ZonePercentage	0.760273973
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.002863922
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	13144.16216
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3986.842342
wavelet-LLL	glszm	SmallAreaEmphasis	0.840925924
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002353752
wavelet-LLL	glszm	ZoneEntropy	7.020440241
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002279177
wavelet-LLL	ngtdm	Coarseness	0.010830181
wavelet-LLL	ngtdm	Complexity	29718.94011
wavelet-LLL	ngtdm	Strength	36.59177326
wavelet-LLL	ngtdm	Contrast	0.855591457
wavelet-LLL	ngtdm	Busyness	0.018218064
wavelet-HHL	gldm	GrayLevelVariance	24.02508288
wavelet-HHL	gldm	HighGrayLevelEmphasis	405.6118721
wavelet-HHL	gldm	DependenceEntropy	6.300281092
wavelet-HHL	gldm	DependenceNonUniformity	187.6872146

wavelet-HHL	gldm	GrayLevelNonUniformity	63.456621
wavelet-HHL	gldm	SmallDependenceEmphasis	0.407314587
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	172.9811067
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.214254811
wavelet-HHL	gldm	LargeDependenceEmphasis	10.41780822
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.039811313
wavelet-HHL	gldm	DependenceVariance	3.233450095
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4050.639269
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003039312
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.006611982
wavelet-HHL	glcm	JointAverage	19.55173925
wavelet-HHL	glcm	SumAverage	39.10347849
wavelet-HHL	glcm	JointEntropy	7.771102012
wavelet-HHL	glcm	ClusterShade	-20.05361016
wavelet-HHL	glcm	MaximumProbability	0.021807036
wavelet-HHL	glcm	Idmn	0.978440318
wavelet-HHL	glcm	JointEnergy	0.007088232
wavelet-HHL	glcm	Contrast	47.51544743
wavelet-HHL	glcm	DifferenceEntropy	3.750542385
wavelet-HHL	glcm	InverseVariance	0.224629404
wavelet-HHL	glcm	DifferenceVariance	23.49776569
wavelet-HHL	glcm	Idn	0.908485756
wavelet-HHL	glcm	Idm	0.22132688
wavelet-HHL	glcm	Correlation	-0.027804498
wavelet-HHL	glcm	Autocorrelation	381.6219219
wavelet-HHL	glcm	SumEntropy	4.599816305
wavelet-HHL	glcm	SumSquares	23.10491671
wavelet-HHL	glcm	ClusterProminence	12921.5913
wavelet-HHL	glcm	Imc2	0.80478286
wavelet-HHL	glcm	Imc1	-0.126803612
wavelet-HHL	glcm	DifferenceAverage	4.846230982
wavelet-HHL	glcm	Id	0.309130444
wavelet-HHL	glcm	ClusterTendency	44.90421941
wavelet-HHL	firstorder	InterquartileRange	120.0976795
wavelet-HHL	firstorder	Skewness	0.047666068
wavelet-HHL	firstorder	Uniformity	0.072439065
wavelet-HHL	firstorder	Median	2.472511186
wavelet-HHL	firstorder	Energy	13096075.56
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.12521327
wavelet-HHL	firstorder	MeanAbsoluteDeviation	86.34836936
wavelet-HHL	firstorder	TotalEnergy	353594040.2
wavelet-HHL	firstorder	Maximum	620.2050653
wavelet-HHL	firstorder	RootMeanSquared	122.2696117
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wavelet-HHL	firstorder	Minimum	-471.7458808
wavelet-HHL	firstorder	Entropy	4.180254559
wavelet-HHL	firstorder	Range	1091.950946
wavelet-HHL	firstorder	Variance	14949.35589
wavelet-HHL	firstorder	10Percentile	-142.0442605
wavelet-HHL	firstorder	Kurtosis	6.049230594
wavelet-HHL	firstorder	Mean	0.70855878
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006556493
wavelet-HHL	glrlm	GrayLevelVariance	25.18171834

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.006770693
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.069579367
wavelet-HHL	glrlm	RunVariance	0.07885369
wavelet-HHL	glrlm	GrayLevelNonUniformity	57.01396411
wavelet-HHL	glrlm	LongRunEmphasis	1.222941856
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	388.0375608
wavelet-HHL	glrlm	RunLengthNonUniformity	723.1310564
wavelet-HHL	glrlm	ShortRunEmphasis	0.952029732
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	493.4157677
wavelet-HHL	glrlm	RunPercentage	0.935370566
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.007711345
wavelet-HHL	glrlm	RunEntropy	4.546289011
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	406.7481917
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.882042477
wavelet-HHL	glszm	GrayLevelVariance	41.10629469
wavelet-HHL	glszm	ZoneVariance	19.05053645
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.048912181
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.498455037
wavelet-HHL	glszm	SizeZoneNonUniformity	197.8866499
wavelet-HHL	glszm	GrayLevelNonUniformity	19.41813602
wavelet-HHL	glszm	LargeAreaEmphasis	23.91939547
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	316.0350394
wavelet-HHL	glszm	ZonePercentage	0.453196347
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.07725252
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	9403.853904
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	421.7984887
wavelet-HHL	glszm	SmallAreaEmphasis	0.733101649
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.008424199
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wavelet-HHL	ngtdm	Coarseness	0.007980539
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wavelet-HHL	ngtdm	Contrast	0.117072752
wavelet-HHL	ngtdm	Busyness	0.122652389
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wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	216.9041068
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.238339484
wavelet-HLH	gldm	LargeDependenceEmphasis	8.751141553
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021890252
wavelet-HLH	gldm	DependenceVariance	2.614775547
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4113.584475
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002999823
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.004363618
wavelet-HLH	glcm	JointAverage	21.57286059
wavelet-HLH	glcm	SumAverage	43.14572119
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wavelet-HLH	glcm	ClusterShade	-64.43770689



wavelet-HLH	glcm	MaximumProbability	0.019538405
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wavelet-HLH	glcm	JointEnergy	0.005904643
wavelet-HLH	glcm	Contrast	52.93160111
wavelet-HLH	glcm	DifferenceEntropy	3.84378695
wavelet-HLH	glcm	InverseVariance	0.2065759
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wavelet-HLH	glcm	Correlation	-0.02538763
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wavelet-HLH	glcm	DifferenceAverage	5.245753494
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wavelet-HLH	glcm	ClusterTendency	50.22458859
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wavelet-HLH	firstorder	Uniformity	0.067046663
wavelet-HLH	firstorder	Median	3.564328762
wavelet-HLH	firstorder	Energy	14058563.4
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	56.47920428
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wavelet-HLH	firstorder	TotalEnergy	379581211.9
wavelet-HLH	firstorder	Maximum	462.4455252
wavelet-HLH	firstorder	RootMeanSquared	126.6830232
wavelet-HLH	firstorder	90Percentile	141.5500075
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wavelet-HLH	firstorder	Entropy	4.280095054
wavelet-HLH	firstorder	Range	972.5861634
wavelet-HLH	firstorder	Variance	16047.11154
wavelet-HLH	firstorder	10Percentile	-142.9821592
wavelet-HLH	firstorder	Kurtosis	4.856250178
wavelet-HLH	firstorder	Mean	1.215243514
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.004391001
wavelet-HLH	gllm	GrayLevelVariance	26.73968824
wavelet-HLH	gllm	LowGrayLevelRunEmphasis	0.004488593
wavelet-HLH	gllm	GrayLevelNonUniformityNormalized	0.064685832
wavelet-HLH	gllm	RunVariance	0.066314069
wavelet-HLH	gllm	GrayLevelNonUniformity	53.44656262
wavelet-HLH	gllm	LongRunEmphasis	1.191151747
wavelet-HLH	gllm	ShortRunHighGrayLevelEmphasis	470.7673488
wavelet-HLH	gllm	RunLengthNonUniformity	739.2684791
wavelet-HLH	gllm	ShortRunEmphasis	0.957483114
wavelet-HLH	gllm	LongRunHighGrayLevelEmphasis	580.6969541
wavelet-HLH	gllm	RunPercentage	0.94318581
wavelet-HLH	gllm	LongRunLowGrayLevelEmphasis	0.004927805
wavelet-HLH	gllm	RunEntropy	4.607832708
wavelet-HLH	gllm	HighGrayLevelRunEmphasis	490.8862533
wavelet-HLH	gllm	RunLengthNonUniformityNormalized	0.894398045

wavelet-HLH	glszm	GrayLevelVariance	42.63990188
wavelet-HLH	glszm	ZoneVariance	12.12771449
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.046168565
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.472220986
wavelet-HLH	glszm	SizeZoneNonUniformity	200.2216981
wavelet-HLH	glszm	GrayLevelNonUniformity	19.5754717
wavelet-HLH	glszm	LargeAreaEmphasis	16.39622642
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	369.6419966
wavelet-HLH	glszm	ZonePercentage	0.484018265
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.041069961
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	7599.589623
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	506.615566
wavelet-HLH	glszm	SmallAreaEmphasis	0.714422898
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.0065256
wavelet-HLH	glszm	ZoneEntropy	6.073769808
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005801525
wavelet-HLH	ngtdm	Coarseness	0.007854449
wavelet-HLH	ngtdm	Complexity	2261.734885
wavelet-HLH	ngtdm	Strength	3.542109404
wavelet-HLH	ngtdm	Contrast	0.140077826
wavelet-HLH	ngtdm	Busyness	0.122173917

Image type	Feature Class	Feature Name	
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general	info	PyWaveletVersion	0.5.2
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general	info	Version	1.3.0.post102+g1b0eb74
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original	shape	Maximum2DDiameterColumn	21.84032967
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original	gldm	DependenceNonUniformity	70.53623188
original	gldm	GrayLevelNonUniformity	23.80434783
original	gldm	SmallDependenceEmphasis	0.520025946
original	gldm	SmallDependenceHighGrayLevelEmphasis	315.7264647
original	gldm	DependenceNonUniformityNormalized	0.255566058
original	gldm	LargeDependenceEmphasis	28.33333333
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.03373579
original	gldm	DependenceVariance	15.04783659
original	gldm	LargeDependenceHighGrayLevelEmphasis	36110.97464
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011069406
original	gldm	LowGrayLevelEmphasis	0.011678418

original	glcm	JointAverage	30.34127901
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original	glcm	ClusterShade	-2838.329952
original	glcm	MaximumProbability	0.10820817
original	glcm	Idmn	0.936378037
original	glcm	JointEnergy	0.025826327
original	glcm	Contrast	126.6996251
original	glcm	DifferenceEntropy	4.075743382
original	glcm	InverseVariance	0.26419504
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original	glcm	Idn	0.863548784
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original	glcm	Correlation	0.187715803
original	glcm	Autocorrelation	936.3928498
original	glcm	SumEntropy	4.789347543
original	glcm	SumSquares	78.88926467
original	glcm	ClusterProminence	124032.4597
original	glcm	Imc2	0.954834522
original	glcm	Imc1	-0.314254228
original	glcm	DifferenceAverage	7.452341657
original	glcm	Id	0.342969957
original	glcm	ClusterTendency	188.8574336
original	firstorder	InterquartileRange	378.25
original	firstorder	Skewness	-0.965443874
original	firstorder	Uniformity	0.086247637
original	firstorder	Median	-40.5
original	firstorder	Energy	26360391
original	firstorder	RobustMeanAbsoluteDeviation	163.3995868
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original	firstorder	TotalEnergy	711730557
original	firstorder	Maximum	77
original	firstorder	RootMeanSquared	309.044759
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original	firstorder	Minimum	-866
original	firstorder	Entropy	4.39816226
original	firstorder	Range	943
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original	firstorder	10Percentile	-597
original	firstorder	Kurtosis	2.732030101
original	firstorder	Mean	-184.2572464
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01284683
original	glrlm	GrayLevelVariance	101.7277544
original	glrlm	LowGrayLevelRunEmphasis	0.012909989
original	glrlm	GrayLevelNonUniformityNormalized	0.065017016
original	glrlm	RunVariance	0.172396498
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original	glrlm	LongRunEmphasis	1.414989436
original	glrlm	ShortRunHighGrayLevelEmphasis	760.1232397
original	glrlm	RunLengthNonUniformity	208.4022106
original	glrlm	ShortRunEmphasis	0.931922194
original	glrlm	LongRunHighGrayLevelEmphasis	1375.462215
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original	glrlm	LongRunLowGrayLevelEmphasis	0.013272741

original	glrlm	RunEntropy	4.935737956
original	glrlm	HighGrayLevelRunEmphasis	846.2017112
original	glrlm	RunLengthNonUniformityNormalized	0.839745512
original	glszm	GrayLevelVariance	93.64466471
original	glszm	ZoneVariance	29.70545152
original	glszm	GrayLevelNonUniformityNormalized	0.033200298
original	glszm	SizeZoneNonUniformityNormalized	0.74913381
original	glszm	SizeZoneNonUniformity	113.1192053
original	glszm	GrayLevelNonUniformity	5.013245033
original	glszm	LargeAreaEmphasis	33.04635762
original	glszm	SmallAreaHighGrayLevelEmphasis	506.7242525
original	glszm	ZonePercentage	0.547101449
original	glszm	LargeAreaLowGrayLevelEmphasis	0.046085753
original	glszm	LargeAreaHighGrayLevelEmphasis	41867.54305
original	glszm	HighGrayLevelZoneEmphasis	612.3377483
original	glszm	SmallAreaEmphasis	0.884887407
original	glszm	LowGrayLevelZoneEmphasis	0.02041591
original	glszm	ZoneEntropy	5.451181712
original	glszm	SmallAreaLowGrayLevelEmphasis	0.020109487
original	ngtdm	Coarseness	0.009801992
original	ngtdm	Complexity	4084.504674
original	ngtdm	Strength	12.1239673
original	ngtdm	Contrast	0.903405207
original	ngtdm	Busyness	0.070309837
wavelet-HHH	gldm	GrayLevelVariance	11.3227657
wavelet-HHH	gldm	HighGrayLevelEmphasis	169.6630435
wavelet-HHH	gldm	DependenceEntropy	5.7261501
wavelet-HHH	gldm	DependenceNonUniformity	49.74637681
wavelet-HHH	gldm	GrayLevelNonUniformity	27.60144928
wavelet-HHH	gldm	SmallDependenceEmphasis	0.345463916
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	61.34347688
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.180240496
wavelet-HHH	gldm	LargeDependenceEmphasis	14.37681159
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097660976
wavelet-HHH	gldm	DependenceVariance	4.667716866
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2369.612319
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007634413
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.012164787
wavelet-HHH	glcm	JointAverage	12.54982311
wavelet-HHH	glcm	SumAverage	25.09964622
wavelet-HHH	glcm	JointEntropy	6.674583725
wavelet-HHH	glcm	ClusterShade	5.703925931
wavelet-HHH	glcm	MaximumProbability	0.048547429
wavelet-HHH	glcm	Idmn	0.976212538
wavelet-HHH	glcm	JointEnergy	0.014055243
wavelet-HHH	glcm	Contrast	22.12845827
wavelet-HHH	glcm	DifferenceEntropy	3.279666797
wavelet-HHH	glcm	InverseVariance	0.270845556
wavelet-HHH	glcm	DifferenceVariance	9.76240675
wavelet-HHH	glcm	Idn	0.899880863
wavelet-HHH	glcm	Idm	0.274079585
wavelet-HHH	glcm	Correlation	-0.029686622
wavelet-HHH	glcm	Autocorrelation	157.1792955
wavelet-HHH	glcm	SumEntropy	4.059798971

wavelet-HHH	glcm	SumSquares	10.74275915
wavelet-HHH	glcm	ClusterProminence	1853.711748
wavelet-HHH	glcm	Imc2	0.829754597
wavelet-HHH	glcm	Imc1	-0.16116876
wavelet-HHH	glcm	DifferenceAverage	3.496952767
wavelet-HHH	glcm	Id	0.359471947
wavelet-HHH	glcm	ClusterTendency	20.84257833
wavelet-HHH	firstorder	InterquartileRange	83.49754242
wavelet-HHH	firstorder	Skewness	0.239204953
wavelet-HHH	firstorder	Uniformity	0.100005251
wavelet-HHH	firstorder	Median	2.433736287
wavelet-HHH	firstorder	Energy	1918061.674
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	37.07237812
wavelet-HHH	firstorder	MeanAbsoluteDeviation	60.09272045
wavelet-HHH	firstorder	TotalEnergy	51787665.19
wavelet-HHH	firstorder	Maximum	416.4757545
wavelet-HHH	firstorder	RootMeanSquared	83.36365406
wavelet-HHH	firstorder	90Percentile	96.07202932
wavelet-HHH	firstorder	Minimum	-280.6320514
wavelet-HHH	firstorder	Entropy	3.670680449
wavelet-HHH	firstorder	Range	697.1078059
wavelet-HHH	firstorder	Variance	6945.437676
wavelet-HHH	firstorder	10Percentile	-101.1409659
wavelet-HHH	firstorder	Kurtosis	5.41819349
wavelet-HHH	firstorder	Mean	2.015227441
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.012256866
wavelet-HHH	glrlm	GrayLevelVariance	12.07192465
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.012661985
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.093780617
wavelet-HHH	glrlm	RunVariance	0.097822848
wavelet-HHH	glrlm	GrayLevelNonUniformity	23.78205318
wavelet-HHH	glrlm	LongRunEmphasis	1.283935796
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	159.882206
wavelet-HHH	glrlm	RunLengthNonUniformity	215.7489166
wavelet-HHH	glrlm	ShortRunEmphasis	0.938233818
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	216.6494233
wavelet-HHH	glrlm	RunPercentage	0.918617614
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.014531207
wavelet-HHH	glrlm	RunEntropy	4.088413733
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	170.110737
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.85052202
wavelet-HHH	glszm	GrayLevelVariance	22.23111189
wavelet-HHH	glszm	ZoneVariance	30.82312866
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.067866189
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.451480479
wavelet-HHH	glszm	SizeZoneNonUniformity	48.30841121
wavelet-HHH	glszm	GrayLevelNonUniformity	7.261682243
wavelet-HHH	glszm	LargeAreaEmphasis	37.47663551
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	126.4490356
wavelet-HHH	glszm	ZonePercentage	0.387681159
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.253353045
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	6086.64486
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	178.8317757
wavelet-HHH	glszm	SmallAreaEmphasis	0.697590291

wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.020500439
wavelet-HHH	glszm	ZoneEntropy	5.171791781
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018251101
wavelet-HHH	ngtdm	Coarseness	0.025378764
wavelet-HHH	ngtdm	Complexity	462.0678378
wavelet-HHH	ngtdm	Strength	3.423651841
wavelet-HHH	ngtdm	Contrast	0.138990368
wavelet-HHH	ngtdm	Busyness	0.13290358
wavelet-HLL	gldm	GrayLevelVariance	108.4972038
wavelet-HLL	gldm	HighGrayLevelEmphasis	748.2572464
wavelet-HLL	gldm	DependenceEntropy	6.265278244
wavelet-HLL	gldm	DependenceNonUniformity	99.53623188
wavelet-HLL	gldm	GrayLevelNonUniformity	8.514492754
wavelet-HLL	gldm	SmallDependenceEmphasis	0.593486312
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	473.8104891
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.360638521
wavelet-HLL	gldm	LargeDependenceEmphasis	4.036231884
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01686213
wavelet-HLL	gldm	DependenceVariance	0.884320521
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2667.713768
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007008366
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.008107426
wavelet-HLL	glcm	JointAverage	24.53366835
wavelet-HLL	glcm	SumAverage	49.06733669
wavelet-HLL	glcm	JointEntropy	8.123621353
wavelet-HLL	glcm	ClusterShade	1446.132121
wavelet-HLL	glcm	MaximumProbability	0.012713209
wavelet-HLL	glcm	Idmn	0.950436488
wavelet-HLL	glcm	JointEnergy	0.004040327
wavelet-HLL	glcm	Contrast	140.1509302
wavelet-HLL	glcm	DifferenceEntropy	4.383677522
wavelet-HLL	glcm	InverseVariance	0.136731386
wavelet-HLL	glcm	DifferenceVariance	49.81812645
wavelet-HLL	glcm	Idn	0.857176821
wavelet-HLL	glcm	Idm	0.124062732
wavelet-HLL	glcm	Correlation	0.235172987
wavelet-HLL	glcm	Autocorrelation	626.8791969
wavelet-HLL	glcm	SumEntropy	5.574038504
wavelet-HLL	glcm	SumSquares	94.96383895
wavelet-HLL	glcm	ClusterProminence	175111.4018
wavelet-HLL	glcm	Imc2	0.991974545
wavelet-HLL	glcm	Imc1	-0.408724335
wavelet-HLL	glcm	DifferenceAverage	9.059661826
wavelet-HLL	glcm	Id	0.204838863
wavelet-HLL	glcm	ClusterTendency	239.7044255
wavelet-HLL	firstorder	InterquartileRange	380.4718462
wavelet-HLL	firstorder	Skewness	0.104299105
wavelet-HLL	firstorder	Uniformity	0.030849611
wavelet-HLL	firstorder	Median	-78.13532009
wavelet-HLL	firstorder	Energy	20416860.71
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	153.221645
wavelet-HLL	firstorder	MeanAbsoluteDeviation	211.6276495
wavelet-HLL	firstorder	TotalEnergy	551255239.2
wavelet-HLL	firstorder	Maximum	511.9212296

wavelet-HLL	firstorder	RootMeanSquared	271.9818615
wavelet-HLL	firstorder	90Percentile	284.508592
wavelet-HLL	firstorder	Minimum	-697.0171925
wavelet-HLL	firstorder	Entropy	5.219176947
wavelet-HLL	firstorder	Range	1208.938422
wavelet-HLL	firstorder	Variance	67575.77236
wavelet-HLL	firstorder	10Percentile	-393.9549378
wavelet-HLL	firstorder	Kurtosis	2.351618505
wavelet-HLL	firstorder	Mean	-79.98975341
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008210251
wavelet-HLL	glrlm	GrayLevelVariance	109.7456813
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.008272393
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.03039591
wavelet-HLL	glrlm	RunVariance	0.031498833
wavelet-HLL	glrlm	GrayLevelNonUniformity	8.140601348
wavelet-HLL	glrlm	LongRunEmphasis	1.095596113
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	736.2810759
wavelet-HLL	glrlm	RunLengthNonUniformity	252.4969753
wavelet-HLL	glrlm	ShortRunEmphasis	0.977083802
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	812.5331826
wavelet-HLL	glrlm	RunPercentage	0.970178372
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.008552283
wavelet-HLL	glrlm	RunEntropy	5.355670235
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	751.386158
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.942020189
wavelet-HLL	glszm	GrayLevelVariance	125.1923922
wavelet-HLL	glszm	ZoneVariance	1.389524801
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.0267661
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.577870274
wavelet-HLL	glszm	SizeZoneNonUniformity	107.483871
wavelet-HLL	glszm	GrayLevelNonUniformity	4.978494624
wavelet-HLL	glszm	LargeAreaEmphasis	3.591397849
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	638.7250932
wavelet-HLL	glszm	ZonePercentage	0.673913043
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019166604
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2272.607527
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	791.7204301
wavelet-HLL	glszm	SmallAreaEmphasis	0.788575272
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.010660122
wavelet-HLL	glszm	ZoneEntropy	6.054785178
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010153539
wavelet-HLL	ngtdm	Coarseness	0.020016092
wavelet-HLL	ngtdm	Complexity	5348.178593
wavelet-HLL	ngtdm	Strength	15.10906887
wavelet-HLL	ngtdm	Contrast	0.687686423
wavelet-HLL	ngtdm	Busyness	0.054667985
wavelet-LHL	gldm	GrayLevelVariance	41.97840527
wavelet-LHL	gldm	HighGrayLevelEmphasis	376.8949275
wavelet-LHL	gldm	DependenceEntropy	6.184667791
wavelet-LHL	gldm	DependenceNonUniformity	82.03623188
wavelet-LHL	gldm	GrayLevelNonUniformity	13.42753623
wavelet-LHL	gldm	SmallDependenceEmphasis	0.521342671
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	199.2039403
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.297232724



wavelet-LHL	gldm	LargeDependenceEmphasis	6.760869565
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.027733929
wavelet-LHL	gldm	DependenceVariance	2.191188826
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2544.307971
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007079217
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.009067358
wavelet-LHL	glcm	JointAverage	18.20231247
wavelet-LHL	glcm	SumAverage	36.40462495
wavelet-LHL	glcm	JointEntropy	7.741225443
wavelet-LHL	glcm	ClusterShade	191.2071479
wavelet-LHL	glcm	MaximumProbability	0.019338097
wavelet-LHL	glcm	Idmn	0.966034802
wavelet-LHL	glcm	JointEnergy	0.005734651
wavelet-LHL	glcm	Contrast	56.21952468
wavelet-LHL	glcm	DifferenceEntropy	3.840862396
wavelet-LHL	glcm	InverseVariance	0.19400198
wavelet-LHL	glcm	DifferenceVariance	23.34975744
wavelet-LHL	glcm	Idn	0.881046638
wavelet-LHL	glcm	Idm	0.179401631
wavelet-LHL	glcm	Correlation	0.249118431
wavelet-LHL	glcm	Autocorrelation	341.0223739
wavelet-LHL	glcm	SumEntropy	5.087232416
wavelet-LHL	glcm	SumSquares	37.79903277
wavelet-LHL	glcm	ClusterProminence	30753.63067
wavelet-LHL	glcm	Imc2	0.960341431
wavelet-LHL	glcm	Imc1	-0.284284912
wavelet-LHL	glcm	DifferenceAverage	5.623471352
wavelet-LHL	glcm	Id	0.269058341
wavelet-LHL	glcm	ClusterTendency	94.97660639
wavelet-LHL	firstorder	InterquartileRange	193.6401981
wavelet-LHL	firstorder	Skewness	0.145735854
wavelet-LHL	firstorder	Uniformity	0.048650494
wavelet-LHL	firstorder	Median	-21.62405289
wavelet-LHL	firstorder	Energy	7513719.566
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	83.86452871
wavelet-LHL	firstorder	MeanAbsoluteDeviation	125.5988447
wavelet-LHL	firstorder	TotalEnergy	202870428.3
wavelet-LHL	firstorder	Maximum	454.00866
wavelet-LHL	firstorder	RootMeanSquared	164.995823
wavelet-LHL	firstorder	90Percentile	195.5498497
wavelet-LHL	firstorder	Minimum	-453.7160984
wavelet-LHL	firstorder	Entropy	4.616280715
wavelet-LHL	firstorder	Range	907.7247584
wavelet-LHL	firstorder	Variance	26313.61389
wavelet-LHL	firstorder	10Percentile	-246.2302765
wavelet-LHL	firstorder	Kurtosis	3.074117997
wavelet-LHL	firstorder	Mean	-30.16633426
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009205597
wavelet-LHL	glrlm	GrayLevelVariance	43.21012546
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.009318957
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.047357745
wavelet-LHL	glrlm	RunVariance	0.05364389
wavelet-LHL	glrlm	GrayLevelNonUniformity	12.49967627
wavelet-LHL	glrlm	LongRunEmphasis	1.147837464

wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	365.2251551
wavelet-LHL	glrlm	RunLengthNonUniformity	243.0976731
wavelet-LHL	glrlm	ShortRunEmphasis	0.968444669
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	431.8071794
wavelet-LHL	glrlm	RunPercentage	0.956243032
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.0098492
wavelet-LHL	glrlm	RunEntropy	4.833988569
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	377.0954192
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.920828112
wavelet-LHL	glszm	GrayLevelVariance	59.55397785
wavelet-LHL	glszm	ZoneVariance	5.712118139
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038906244
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.577832772
wavelet-LHL	glszm	SizeZoneNonUniformity	90.71974522
wavelet-LHL	glszm	GrayLevelNonUniformity	6.108280255
wavelet-LHL	glszm	LargeAreaEmphasis	8.802547771
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	302.6646626
wavelet-LHL	glszm	ZonePercentage	0.56884058
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037499252
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3242.859873
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	383.0955414
wavelet-LHL	glszm	SmallAreaEmphasis	0.787338759
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.012998253
wavelet-LHL	glszm	ZoneEntropy	5.658332199
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011878786
wavelet-LHL	ngtdm	Coarseness	0.027352877
wavelet-LHL	ngtdm	Complexity	1603.820968
wavelet-LHL	ngtdm	Strength	8.922167412
wavelet-LHL	ngtdm	Contrast	0.307760426
wavelet-LHL	ngtdm	Busyness	0.067486732
wavelet-LHH	gldm	GrayLevelVariance	25.35868252
wavelet-LHH	gldm	HighGrayLevelEmphasis	577.4384058
wavelet-LHH	gldm	DependenceEntropy	5.93606932
wavelet-LHH	gldm	DependenceNonUniformity	64.23913043
wavelet-LHH	gldm	GrayLevelNonUniformity	20.5
wavelet-LHH	gldm	SmallDependenceEmphasis	0.454678704
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	278.8231285
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.232750473
wavelet-LHH	gldm	LargeDependenceEmphasis	9.905797101
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022728586
wavelet-LHH	gldm	DependenceVariance	3.325456837
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5414.068841
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004689329
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005776234
wavelet-LHH	glcm	JointAverage	23.60301533
wavelet-LHH	glcm	SumAverage	47.20603066
wavelet-LHH	glcm	JointEntropy	7.108754098
wavelet-LHH	glcm	ClusterShade	-20.70598489
wavelet-LHH	glcm	MaximumProbability	0.033521325
wavelet-LHH	glcm	Idmn	0.975169655
wavelet-LHH	glcm	JointEnergy	0.010341981
wavelet-LHH	glcm	Contrast	47.60319744
wavelet-LHH	glcm	DifferenceEntropy	3.671372382
wavelet-LHH	glcm	InverseVariance	0.246857457

wavelet-LHH	glcm	DifferenceVariance	23.34294025
wavelet-LHH	glcm	Idn	0.902680051
wavelet-LHH	glcm	Idm	0.229747866
wavelet-LHH	glcm	Correlation	-0.043328011
wavelet-LHH	glcm	Autocorrelation	556.0805774
wavelet-LHH	glcm	SumEntropy	4.489216559
wavelet-LHH	glcm	SumSquares	22.75983523
wavelet-LHH	glcm	ClusterProminence	9368.747608
wavelet-LHH	glcm	Imc2	0.913198672
wavelet-LHH	glcm	Imc1	-0.225751793
wavelet-LHH	glcm	DifferenceAverage	4.864946614
wavelet-LHH	glcm	Id	0.313358416
wavelet-LHH	glcm	ClusterTendency	43.43614348
wavelet-LHH	firstorder	InterquartileRange	134.7391721
wavelet-LHH	firstorder	Skewness	-0.138129732
wavelet-LHH	firstorder	Uniformity	0.074275362
wavelet-LHH	firstorder	Median	-10.15202455
wavelet-LHH	firstorder	Energy	4371201.895
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	54.47446686
wavelet-LHH	firstorder	MeanAbsoluteDeviation	89.73047038
wavelet-LHH	firstorder	TotalEnergy	118022451.2
wavelet-LHH	firstorder	Maximum	434.1902517
wavelet-LHH	firstorder	RootMeanSquared	125.8478765
wavelet-LHH	firstorder	90Percentile	156.3340693
wavelet-LHH	firstorder	Minimum	-567.1296398
wavelet-LHH	firstorder	Entropy	4.122084875
wavelet-LHH	firstorder	Range	1001.319891
wavelet-LHH	firstorder	Variance	15837.4755
wavelet-LHH	firstorder	10Percentile	-123.4786262
wavelet-LHH	firstorder	Kurtosis	5.46853984
wavelet-LHH	firstorder	Mean	-0.461005451
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.005939425
wavelet-LHH	glrlm	GrayLevelVariance	26.59206195
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.006024592
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.070791589
wavelet-LHH	glrlm	RunVariance	0.075468012
wavelet-LHH	glrlm	GrayLevelNonUniformity	18.36653522
wavelet-LHH	glrlm	LongRunEmphasis	1.209524453
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	555.5202715
wavelet-LHH	glrlm	RunLengthNonUniformity	231.5918954
wavelet-LHH	glrlm	ShortRunEmphasis	0.955983935
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	693.4002571
wavelet-LHH	glrlm	RunPercentage	0.939799331
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.006429792
wavelet-LHH	glrlm	RunEntropy	4.434900473
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	579.5550254
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.891973148
wavelet-LHH	glszm	GrayLevelVariance	42.70134083
wavelet-LHH	glszm	ZoneVariance	13.46972318
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.051362457
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.573529412
wavelet-LHH	glszm	SizeZoneNonUniformity	78
wavelet-LHH	glszm	GrayLevelNonUniformity	6.985294118
wavelet-LHH	glszm	LargeAreaEmphasis	17.58823529

wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	489.0673866
wavelet-LHH	glszm	ZonePercentage	0.492753623
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.041393224
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	9481.066176
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	608.1617647
wavelet-LHH	glszm	SmallAreaEmphasis	0.783749664
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.009703522
wavelet-LHH	glszm	ZoneEntropy	5.383501173
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.009235118
wavelet-LHH	ngtdm	Coarseness	0.022531579
wavelet-LHH	ngtdm	Complexity	1372.702261
wavelet-LHH	ngtdm	Strength	6.681861082
wavelet-LHH	ngtdm	Contrast	0.238199345
wavelet-LHH	ngtdm	Busyness	0.058618901
wavelet-LLH	gldm	GrayLevelVariance	112.7217496
wavelet-LLH	gldm	HighGrayLevelEmphasis	994.1231884
wavelet-LLH	gldm	DependenceEntropy	6.354919195
wavelet-LLH	gldm	DependenceNonUniformity	85.98550725
wavelet-LLH	gldm	GrayLevelNonUniformity	10.60144928
wavelet-LLH	gldm	SmallDependenceEmphasis	0.549564566
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	566.8155111
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.311541693
wavelet-LLH	gldm	LargeDependenceEmphasis	6.115942029
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011644283
wavelet-LLH	gldm	DependenceVariance	1.910470489
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5927.297101
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004756583
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.005415483
wavelet-LLH	glcm	JointAverage	29.18014842
wavelet-LLH	glcm	SumAverage	58.36029684
wavelet-LLH	glcm	JointEntropy	7.944002531
wavelet-LLH	glcm	ClusterShade	3602.713967
wavelet-LLH	glcm	MaximumProbability	0.019578253
wavelet-LLH	glcm	Idmn	0.975535992
wavelet-LLH	glcm	JointEnergy	0.004966615
wavelet-LLH	glcm	Contrast	172.4076913
wavelet-LLH	glcm	DifferenceEntropy	4.403702382
wavelet-LLH	glcm	InverseVariance	0.141923798
wavelet-LLH	glcm	DifferenceVariance	88.70473726
wavelet-LLH	glcm	Idn	0.905708027
wavelet-LLH	glcm	Idm	0.144952642
wavelet-LLH	glcm	Correlation	0.098368023
wavelet-LLH	glcm	Autocorrelation	862.5500628
wavelet-LLH	glcm	SumEntropy	5.403996069
wavelet-LLH	glcm	SumSquares	97.23707383
wavelet-LLH	glcm	ClusterProminence	351041.4526
wavelet-LLH	glcm	Imc2	0.989118493
wavelet-LLH	glcm	Imc1	-0.390320792
wavelet-LLH	glcm	DifferenceAverage	8.893616966
wavelet-LLH	glcm	Id	0.227366757
wavelet-LLH	glcm	ClusterTendency	216.540604
wavelet-LLH	firstorder	InterquartileRange	250.314113
wavelet-LLH	firstorder	Skewness	0.972471663
wavelet-LLH	firstorder	Uniformity	0.038411048

wavelet-LLH	firstorder	Median	-56.77217172
wavelet-LLH	firstorder	Energy	19984689.06
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	111.9811085
wavelet-LLH	firstorder	MeanAbsoluteDeviation	188.0762838
wavelet-LLH	firstorder	TotalEnergy	539586604.7
wavelet-LLH	firstorder	Maximum	1148.25271
wavelet-LLH	firstorder	RootMeanSquared	269.0878922
wavelet-LLH	firstorder	90Percentile	228.4255616
wavelet-LLH	firstorder	Minimum	-774.968352
wavelet-LLH	firstorder	Entropy	5.084449673
wavelet-LLH	firstorder	Range	1923.221062
wavelet-LLH	firstorder	Variance	70311.80476
wavelet-LLH	firstorder	10Percentile	-349.2798442
wavelet-LLH	firstorder	Kurtosis	5.903297781
wavelet-LLH	firstorder	Mean	-45.7874322
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005548593
wavelet-LLH	glrlm	GrayLevelVariance	115.9585773
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.005589017
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.037083921
wavelet-LLH	glrlm	RunVariance	0.043850583
wavelet-LLH	glrlm	GrayLevelNonUniformity	9.823099198
wavelet-LLH	glrlm	LongRunEmphasis	1.130317463
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	966.3960191
wavelet-LLH	glrlm	RunLengthNonUniformity	244.3427495
wavelet-LLH	glrlm	ShortRunEmphasis	0.969382047
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1120.621773
wavelet-LLH	glrlm	RunPercentage	0.959587514
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005758558
wavelet-LLH	glrlm	RunEntropy	5.284948236
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	995.6664096
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.92235368
wavelet-LLH	glszm	GrayLevelVariance	157.1020623
wavelet-LLH	glszm	ZoneVariance	3.332866496
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.028745492
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.584258254
wavelet-LLH	glszm	SizeZoneNonUniformity	98.73964497
wavelet-LLH	glszm	GrayLevelNonUniformity	4.857988166
wavelet-LLH	glszm	LargeAreaEmphasis	6
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	827.8388925
wavelet-LLH	glszm	ZonePercentage	0.612318841
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.013965378
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	5770.994083
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1027.526627
wavelet-LLH	glszm	SmallAreaEmphasis	0.791167953
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.007960798
wavelet-LLH	glszm	ZoneEntropy	6.068998188
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00760382
wavelet-LLH	ngtdm	Coarseness	0.023715848
wavelet-LLH	ngtdm	Complexity	7379.284744
wavelet-LLH	ngtdm	Strength	25.20071277
wavelet-LLH	ngtdm	Contrast	0.579554062
wavelet-LLH	ngtdm	Busyness	0.028196139
wavelet-LLL	gldm	GrayLevelVariance	582.4531611
wavelet-LLL	gldm	HighGrayLevelEmphasis	3711.963768

wavelet-LLL	gldm	DependenceEntropy	6.579756558
wavelet-LLL	gldm	DependenceNonUniformity	165.5724638
wavelet-LLL	gldm	GrayLevelNonUniformity	4.449275362
wavelet-LLL	gldm	SmallDependenceEmphasis	0.802614139
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2545.513434
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.599900231
wavelet-LLL	gldm	LargeDependenceEmphasis	3.094202899
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009524652
wavelet-LLL	gldm	DependenceVariance	1.035601764
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	18006.1087
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009040617
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009102044
wavelet-LLL	glcm	JointAverage	62.70881017
wavelet-LLL	glcm	SumAverage	125.4176203
wavelet-LLL	glcm	JointEntropy	8.424694714
wavelet-LLL	glcm	ClusterShade	-23848.39102
wavelet-LLL	glcm	MaximumProbability	0.010777064
wavelet-LLL	glcm	Idmn	0.936291318
wavelet-LLL	glcm	JointEnergy	0.003104392
wavelet-LLL	glcm	Contrast	679.0281951
wavelet-LLL	glcm	DifferenceEntropy	5.403467588
wavelet-LLL	glcm	InverseVariance	0.06378017
wavelet-LLL	glcm	DifferenceVariance	250.5481221
wavelet-LLL	glcm	Idn	0.838596901
wavelet-LLL	glcm	Idm	0.063394442
wavelet-LLL	glcm	Correlation	0.332931988
wavelet-LLL	glcm	Autocorrelation	4108.965318
wavelet-LLL	glcm	SumEntropy	6.429612961
wavelet-LLL	glcm	SumSquares	513.7060197
wavelet-LLL	glcm	ClusterProminence	4394958.524
wavelet-LLL	glcm	Imc2	0.99959122
wavelet-LLL	glcm	Imc1	-0.594198357
wavelet-LLL	glcm	DifferenceAverage	20.24212717
wavelet-LLL	glcm	Id	0.124168695
wavelet-LLL	glcm	ClusterTendency	1375.795883
wavelet-LLL	firstorder	InterquartileRange	1071.238393
wavelet-LLL	firstorder	Skewness	-0.269906982
wavelet-LLL	firstorder	Uniformity	0.016120563
wavelet-LLL	firstorder	Median	-564.7385892
wavelet-LLL	firstorder	Energy	205005648.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	419.2245947
wavelet-LLL	firstorder	MeanAbsoluteDeviation	523.7218606
wavelet-LLL	firstorder	TotalEnergy	5535152513
wavelet-LLL	firstorder	Maximum	340.5577511
wavelet-LLL	firstorder	RootMeanSquared	861.843425
wavelet-LLL	firstorder	90Percentile	139.0205545
wavelet-LLL	firstorder	Minimum	-1992.514165
wavelet-LLL	firstorder	Entropy	6.159806095
wavelet-LLL	firstorder	Range	2333.071916
wavelet-LLL	firstorder	Variance	363977.0026
wavelet-LLL	firstorder	10Percentile	-1415.104832
wavelet-LLL	firstorder	Kurtosis	1.934643812
wavelet-LLL	firstorder	Mean	-615.4649353
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009251119

wavelet-LLL	glrlm	GrayLevelVariance	579.4298988
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.009254145
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015806003
wavelet-LLL	glrlm	RunVariance	0.018436821
wavelet-LLL	glrlm	GrayLevelNonUniformity	4.290116895
wavelet-LLL	glrlm	LongRunEmphasis	1.053221876
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3584.67473
wavelet-LLL	glrlm	RunLengthNonUniformity	262.8177764
wavelet-LLL	glrlm	ShortRunEmphasis	0.987654932
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4011.216485
wavelet-LLL	glrlm	RunPercentage	0.983277592
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.009266768
wavelet-LLL	glrlm	RunEntropy	6.221696336
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3664.300583
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.968156436
wavelet-LLL	glszm	GrayLevelVariance	551.2697239
wavelet-LLL	glszm	ZoneVariance	0.523339908
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015121631
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.804551099
wavelet-LLL	glszm	SizeZoneNonUniformity	188.2649573
wavelet-LLL	glszm	GrayLevelNonUniformity	3.538461538
wavelet-LLL	glszm	LargeAreaEmphasis	1.914529915
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2824.818521
wavelet-LLL	glszm	ZonePercentage	0.847826087
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.010889689
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9359.666667
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3280.662393
wavelet-LLL	glszm	SmallAreaEmphasis	0.914961354
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.01068417
wavelet-LLL	glszm	ZoneEntropy	6.401666953
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010652189
wavelet-LLL	ngtdm	Coarseness	0.017358041
wavelet-LLL	ngtdm	Complexity	41168.11347
wavelet-LLL	ngtdm	Strength	54.77709829
wavelet-LLL	ngtdm	Contrast	2.289823952
wavelet-LLL	ngtdm	Busyness	0.013166778
wavelet-HHL	gldm	GrayLevelVariance	15.31005829
wavelet-HHL	gldm	HighGrayLevelEmphasis	202.5833333
wavelet-HHL	gldm	DependenceEntropy	5.983739948
wavelet-HHL	gldm	DependenceNonUniformity	57.39130435
wavelet-HHL	gldm	GrayLevelNonUniformity	21.20289855
wavelet-HHL	gldm	SmallDependenceEmphasis	0.373178548
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	80.54650981
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.207939509
wavelet-HHL	gldm	LargeDependenceEmphasis	10.52898551
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.072262997
wavelet-HHL	gldm	DependenceVariance	3.026149968
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1919.663043
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008760481
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012764241
wavelet-HHL	glcm	JointAverage	13.65741544
wavelet-HHL	glcm	SumAverage	27.31483087
wavelet-HHL	glcm	JointEntropy	7.110571807
wavelet-HHL	glcm	ClusterShade	-26.79505191

wavelet-HHL	glcm	MaximumProbability	0.026012242
wavelet-HHL	glcm	Idmn	0.954116783
wavelet-HHL	glcm	JointEnergy	0.009107267
wavelet-HHL	glcm	Contrast	30.9859095
wavelet-HHL	glcm	DifferenceEntropy	3.486125798
wavelet-HHL	glcm	InverseVariance	0.237887375
wavelet-HHL	glcm	DifferenceVariance	12.63602748
wavelet-HHL	glcm	Idn	0.863189321
wavelet-HHL	glcm	Idm	0.235817713
wavelet-HHL	glcm	Correlation	-0.001791544
wavelet-HHL	glcm	Autocorrelation	186.5127407
wavelet-HHL	glcm	SumEntropy	4.343607727
wavelet-HHL	glcm	SumSquares	15.46747081
wavelet-HHL	glcm	ClusterProminence	3491.570578
wavelet-HHL	glcm	Imc2	0.882656611
wavelet-HHL	glcm	Imc1	-0.193548286
wavelet-HHL	glcm	DifferenceAverage	4.219482238
wavelet-HHL	glcm	Id	0.323310498
wavelet-HHL	glcm	ClusterTendency	30.88397375
wavelet-HHL	firstorder	InterquartileRange	124.2504275
wavelet-HHL	firstorder	Skewness	-0.099056839
wavelet-HHL	firstorder	Uniformity	0.076822096
wavelet-HHL	firstorder	Median	-2.056747312
wavelet-HHL	firstorder	Energy	2681799.835
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.53611048
wavelet-HHL	firstorder	MeanAbsoluteDeviation	77.24796377
wavelet-HHL	firstorder	TotalEnergy	72408595.54
wavelet-HHL	firstorder	Maximum	274.4623182
wavelet-HHL	firstorder	RootMeanSquared	98.57315085
wavelet-HHL	firstorder	90Percentile	136.5075518
wavelet-HHL	firstorder	Minimum	-312.6139999
wavelet-HHL	firstorder	Entropy	3.945016953
wavelet-HHL	firstorder	Range	587.0763181
wavelet-HHL	firstorder	Variance	9693.001069
wavelet-HHL	firstorder	10Percentile	-109.3418555
wavelet-HHL	firstorder	Kurtosis	3.401616257
wavelet-HHL	firstorder	Mean	4.864668381
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012926515
wavelet-HHL	glrlm	GrayLevelVariance	15.92912515
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.013235672
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.074854714
wavelet-HHL	glrlm	RunVariance	0.084657769
wavelet-HHL	glrlm	GrayLevelNonUniformity	19.27963823
wavelet-HHL	glrlm	LongRunEmphasis	1.235339102
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	194.4758057
wavelet-HHL	glrlm	RunLengthNonUniformity	226.6176018
wavelet-HHL	glrlm	ShortRunEmphasis	0.950528471
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	247.9914968
wavelet-HHL	glrlm	RunPercentage	0.933110368
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.014703443
wavelet-HHL	glrlm	RunEntropy	4.27747409
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	203.6934224
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.879047562
wavelet-HHL	glszm	GrayLevelVariance	24.51083963



wavelet-HHL	glszm	ZoneVariance	9.64592896
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.060377092
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.426170468
wavelet-HHL	glszm	SizeZoneNonUniformity	50.71428571
wavelet-HHL	glszm	GrayLevelNonUniformity	7.18487395
wavelet-HHL	glszm	LargeAreaEmphasis	15.02521008
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	149.991862
wavelet-HHL	glszm	ZonePercentage	0.43115942
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.112138938
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2612.159664
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	217.697479
wavelet-HHL	glszm	SmallAreaEmphasis	0.677753055
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.021183653
wavelet-HHL	glszm	ZoneEntropy	5.494654979
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.019063547
wavelet-HHL	ngtdm	Coarseness	0.020905419
wavelet-HHL	ngtdm	Complexity	652.45611
wavelet-HHL	ngtdm	Strength	3.358619188
wavelet-HHL	ngtdm	Contrast	0.190671941
wavelet-HHL	ngtdm	Busyness	0.153944947
wavelet-HLH	gldm	GrayLevelVariance	18.99657372
wavelet-HLH	gldm	HighGrayLevelEmphasis	262.9673913
wavelet-HLH	gldm	DependenceEntropy	5.737733107
wavelet-HLH	gldm	DependenceNonUniformity	71.89130435
wavelet-HLH	gldm	GrayLevelNonUniformity	18.66666667
wavelet-HLH	gldm	SmallDependenceEmphasis	0.400312922
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	106.3783387
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.26047574
wavelet-HLH	gldm	LargeDependenceEmphasis	8.282608696
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044369377
wavelet-HLH	gldm	DependenceVariance	2.31910313
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1977.684783
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006177006
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.00897881
wavelet-HLH	glcm	JointAverage	15.67149807
wavelet-HLH	glcm	SumAverage	31.34299613
wavelet-HLH	glcm	JointEntropy	7.353658034
wavelet-HLH	glcm	ClusterShade	12.91992475
wavelet-HLH	glcm	MaximumProbability	0.025149179
wavelet-HLH	glcm	Idmn	0.959786138
wavelet-HLH	glcm	JointEnergy	0.007610158
wavelet-HLH	glcm	Contrast	35.98625259
wavelet-HLH	glcm	DifferenceEntropy	3.601404841
wavelet-HLH	glcm	InverseVariance	0.201649058
wavelet-HLH	glcm	DifferenceVariance	13.69120572
wavelet-HLH	glcm	Idn	0.867238131
wavelet-HLH	glcm	Idm	0.19938999
wavelet-HLH	glcm	Correlation	0.018474584
wavelet-HLH	glcm	Autocorrelation	245.9117364
wavelet-HLH	glcm	SumEntropy	4.505876566
wavelet-HLH	glcm	SumSquares	18.28717409
wavelet-HLH	glcm	ClusterProminence	4193.529058
wavelet-HLH	glcm	Imc2	0.886852037
wavelet-HLH	glcm	Imc1	-0.191458736

wavelet-HLH	glcm	DifferenceAverage	4.676231389
wavelet-HLH	glcm	Id	0.292027254
wavelet-HLH	glcm	ClusterTendency	37.16244377
wavelet-HLH	firstorder	InterquartileRange	150.937609
wavelet-HLH	firstorder	Skewness	0.0356386
wavelet-HLH	firstorder	Uniformity	0.06763285
wavelet-HLH	firstorder	Median	-3.939378094
wavelet-HLH	firstorder	Energy	3250248.571
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	61.78797518
wavelet-HLH	firstorder	MeanAbsoluteDeviation	87.09781338
wavelet-HLH	firstorder	TotalEnergy	87756711.43
wavelet-HLH	firstorder	Maximum	301.8129473
wavelet-HLH	firstorder	RootMeanSquared	108.5184912
wavelet-HLH	firstorder	90Percentile	155.374027
wavelet-HLH	firstorder	Minimum	-357.6645861
wavelet-HLH	firstorder	Entropy	4.087685345
wavelet-HLH	firstorder	Range	659.4775334
wavelet-HLH	firstorder	Variance	11766.12998
wavelet-HLH	firstorder	10Percentile	-131.1153367
wavelet-HLH	firstorder	Kurtosis	2.856767375
wavelet-HLH	firstorder	Mean	3.183230515
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009033511
wavelet-HLH	glrlm	GrayLevelVariance	19.53288615
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.009230941
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.066108274
wavelet-HLH	glrlm	RunVariance	0.066123998
wavelet-HLH	glrlm	GrayLevelNonUniformity	17.23382347
wavelet-HLH	glrlm	LongRunEmphasis	1.190835333
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	253.5326249
wavelet-HLH	glrlm	RunLengthNonUniformity	234.4220552
wavelet-HLH	glrlm	ShortRunEmphasis	0.958324663
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	310.8491578
wavelet-HLH	glrlm	RunPercentage	0.944537347
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.010145124
wavelet-HLH	glrlm	RunEntropy	4.3560502
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	263.9081713
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.897653305
wavelet-HLH	glszm	GrayLevelVariance	26.83994959
wavelet-HLH	glszm	ZoneVariance	5.84057971
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.059126234
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.392039488
wavelet-HLH	glszm	SizeZoneNonUniformity	54.10144928
wavelet-HLH	glszm	GrayLevelNonUniformity	8.15942029
wavelet-HLH	glszm	LargeAreaEmphasis	9.84057971
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	169.2443309
wavelet-HLH	glszm	ZonePercentage	0.5
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.054951616
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2331.615942
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	269.115942
wavelet-HLH	glszm	SmallAreaEmphasis	0.637696747
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.01328075
wavelet-HLH	glszm	ZoneEntropy	5.435754965
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.011594305
wavelet-HLH	ngtdm	Coarseness	0.021213251

wavelet-HLH	ngtdm	Complexity	706.8984962
wavelet-HLH	ngtdm	Strength	3.29952043
wavelet-HLH	ngtdm	Contrast	0.260044433
wavelet-HLH	ngtdm	Busyness	0.154002364

Image type	Feature Class	Feature Name	5: RTSTRUCT: C99-DNU_segment_ITV
general	info	BoundingBox	(0, 3, 0, 12, 10, 10)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	55fd05158524f46486093103894daba5afe4
general	info	ImageHash	df18
			(0.9765624999999998, 0.9765624999999998, 1.9999999999999996)
general	info	ImageSpacing	633e3f8839b7db403f68de34ba35f444602f6
general	info	MaskHash	c91
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	145
original	shape	Maximum3DDiameter	40.36087214
original	shape	Maximum2DDiameterSlice	27.16615541
original	shape	Sphericity	0.558727255
original	shape	MinorAxis	21.10596198
original	shape	Elongation	0.462367615
original	shape	SurfaceVolumeRatio	0.549170262
original	shape	Volume	3915
original	shape	MajorAxis	45.6475784
original	shape	SurfaceArea	2150.001577
original	shape	Flatness	0.261062003
original	shape	LeastAxis	11.91684824
original	shape	Maximum2DDiameterColumn	27
original	shape	Maximum2DDiameterRow	30
original	gldm	GrayLevelVariance	61.75524376
original	gldm	HighGrayLevelEmphasis	412.6068966
original	gldm	DependenceEntropy	5.577593315
original	gldm	DependenceNonUniformity	58.77931034
original	gldm	GrayLevelNonUniformity	5.910344828
original	gldm	SmallDependenceEmphasis	0.647821839
original	gldm	SmallDependenceHighGrayLevelEmphasis	233.2907969
original	gldm	DependenceNonUniformityNormalized	0.405374554
original	gldm	LargeDependenceEmphasis	3.689655172
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.031144276
original	gldm	DependenceVariance	0.881141498

original	gldm	LargeDependenceHighGrayLevelEmphasis	1956.331034
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.016384939
original	gldm	LowGrayLevelEmphasis	0.018645394
original	glcm	JointAverage	19.74611128
original	glcm	SumAverage	39.49222257
original	glcm	JointEntropy	6.842587721
original	glcm	ClusterShade	-317.8832222
original	glcm	MaximumProbability	0.021410558
original	glcm	ldmn	0.926249486
original	glcm	JointEnergy	0.009412349
original	glcm	Contrast	106.091459
original	glcm	DifferenceEntropy	4.116305144
original	glcm	InverseVariance	0.121505819
original	glcm	DifferenceVariance	40.46681568
original	glcm	ldn	0.826000352
original	glcm	ldm	0.131381587
original	glcm	Correlation	0.165570372
original	glcm	Autocorrelation	400.5325496
original	glcm	SumEntropy	4.983051851
original	glcm	SumSquares	63.1759854
original	glcm	ClusterProminence	57417.09116
original	glcm	lmc2	0.995484794
original	glcm	lmc1	-0.519394939
original	glcm	DifferenceAverage	8.050042376
original	glcm	ld	0.217200449
original	glcm	ClusterTendency	146.6124826
original	firstorder	InterquartileRange	293
original	firstorder	Skewness	-0.254208599
original	firstorder	Uniformity	0.040760999
original	firstorder	Median	-291
original	firstorder	Energy	18181282
original	firstorder	RobustMeanAbsoluteDeviation	119.0564839
original	firstorder	MeanAbsoluteDeviation	161.762283
original	firstorder	TotalEnergy	490894614
original	firstorder	Maximum	90
original	firstorder	RootMeanSquared	354.1018946
original	firstorder	90Percentile	-40.4
original	firstorder	Minimum	-738
original	firstorder	Entropy	4.749343386
original	firstorder	Range	828
original	firstorder	Variance	38651.80851
original	firstorder	10Percentile	-568.8
original	firstorder	Kurtosis	2.261924305
original	firstorder	Mean	-294.5103448
original	glrlm	ShortRunLowGrayLevelEmphasis	0.018895116
original	glrlm	GrayLevelVariance	61.60422152
original	glrlm	LowGrayLevelRunEmphasis	0.019001862
original	glrlm	GrayLevelNonUniformityNormalized	0.040622653
original	glrlm	RunVariance	0.027041273
original	glrlm	GrayLevelNonUniformity	5.736963023
original	glrlm	LongRunEmphasis	1.081526237
original	glrlm	ShortRunHighGrayLevelEmphasis	398.0088154

original	glrlm	RunLengthNonUniformity	134.0813358
original	glrlm	ShortRunEmphasis	0.980216134
original	glrlm	LongRunHighGrayLevelEmphasis	453.5246993
original	glrlm	RunPercentage	0.974005305
original	glrlm	LongRunLowGrayLevelEmphasis	0.019435469
original	glrlm	RunEntropy	4.838692345
original	glrlm	HighGrayLevelRunEmphasis	408.9393784
original	glrlm	RunLengthNonUniformityNormalized	0.949122426
original	glszm	GrayLevelVariance	60.31800454
original	glszm	ZoneVariance	1.016780045
original	glszm	GrayLevelNonUniformityNormalized	0.041814059
original	glszm	SizeZoneNonUniformityNormalized	0.634829932
original	glszm	SizeZoneNonUniformity	66.65714286
original	glszm	GrayLevelNonUniformity	4.39047619
original	glszm	LargeAreaEmphasis	2.923809524
original	glszm	SmallAreaHighGrayLevelEmphasis	288.5687831
original	glszm	ZonePercentage	0.724137931
original	glszm	LargeAreaLowGrayLevelEmphasis	0.031776809
original	glszm	LargeAreaHighGrayLevelEmphasis	1487.752381
original	glszm	HighGrayLevelZoneEmphasis	369.7428571
original	glszm	SmallAreaEmphasis	0.824074735
original	glszm	LowGrayLevelZoneEmphasis	0.023532093
original	glszm	ZoneEntropy	5.273138495
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022148234
original	ngtdm	Coarseness	0.032089326
original	ngtdm	Complexity	2220.785037
original	ngtdm	Strength	10.7995569
original	ngtdm	Contrast	0.801138444
original	ngtdm	Busyness	0.069058512
wavelet-HHH	gldm	GrayLevelVariance	16.01284185
wavelet-HHH	gldm	HighGrayLevelEmphasis	173.5586207
wavelet-HHH	gldm	DependenceEntropy	5.358728918
wavelet-HHH	gldm	DependenceNonUniformity	46.46206897
wavelet-HHH	gldm	GrayLevelNonUniformity	10.95862069
wavelet-HHH	gldm	SmallDependenceEmphasis	0.553436782
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	96.02611303
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.320428062
wavelet-HHH	gldm	LargeDependenceEmphasis	4.931034483
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044074252
wavelet-HHH	gldm	DependenceVariance	1.175457788
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	903.3517241
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012867244
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.016367526
wavelet-HHH	glcm	JointAverage	12.62209082
wavelet-HHH	glcm	SumAverage	25.24418165
wavelet-HHH	glcm	JointEntropy	6.440122357
wavelet-HHH	glcm	ClusterShade	-14.91753664
wavelet-HHH	glcm	MaximumProbability	0.031778283
wavelet-HHH	glcm	ldmn	0.936323686
wavelet-HHH	glcm	JointEnergy	0.013246346
wavelet-HHH	glcm	Contrast	36.92881621
wavelet-HHH	glcm	DifferenceEntropy	3.498465746

wavelet-HHH	glcm	InverseVariance	0.173803405
wavelet-HHH	glcm	DifferenceVariance	12.28741772
wavelet-HHH	glcm	Idn	0.832788241
wavelet-HHH	glcm	Idm	0.186217225
wavelet-HHH	glcm	Correlation	-0.036896114
wavelet-HHH	glcm	Autocorrelation	158.6859846
wavelet-HHH	glcm	SumEntropy	4.221028855
wavelet-HHH	glcm	SumSquares	17.78810189
wavelet-HHH	glcm	ClusterProminence	3442.943156
wavelet-HHH	glcm	Imc2	0.967531175
wavelet-HHH	glcm	Imc1	-0.359123197
wavelet-HHH	glcm	DifferenceAverage	4.868273163
wavelet-HHH	glcm	Id	0.280844165
wavelet-HHH	glcm	ClusterTendency	34.22359136
wavelet-HHH	firstorder	InterquartileRange	140.2079432
wavelet-HHH	firstorder	Skewness	-0.175854657
wavelet-HHH	firstorder	Uniformity	0.075576694
wavelet-HHH	firstorder	Median	3.459345795
wavelet-HHH	firstorder	Energy	1434310.016
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	59.19295245
wavelet-HHH	firstorder	MeanAbsoluteDeviation	81.67223495
wavelet-HHH	firstorder	TotalEnergy	38726370.43
wavelet-HHH	firstorder	Maximum	235.4673792
wavelet-HHH	firstorder	RootMeanSquared	99.45749451
wavelet-HHH	firstorder	90Percentile	129.7294817
wavelet-HHH	firstorder	Minimum	-278.1971252
wavelet-HHH	firstorder	Entropy	3.920905375
wavelet-HHH	firstorder	Range	513.6645044
wavelet-HHH	firstorder	Variance	9891.397871
wavelet-HHH	firstorder	10Percentile	-132.862918
wavelet-HHH	firstorder	Kurtosis	2.639157632
wavelet-HHH	firstorder	Mean	0.628763589
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.016503974
wavelet-HHH	glrlm	GrayLevelVariance	16.21197017
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.016706115
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.074872865
wavelet-HHH	glrlm	RunVariance	0.039329546
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.46509043
wavelet-HHH	glrlm	LongRunEmphasis	1.116196961
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	168.3939112
wavelet-HHH	glrlm	RunLengthNonUniformity	130.1646774
wavelet-HHH	glrlm	ShortRunEmphasis	0.97280028
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	194.3690196
wavelet-HHH	glrlm	RunPercentage	0.963925729
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.017556566
wavelet-HHH	glrlm	RunEntropy	4.092291053
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	173.2873237
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.930939604
wavelet-HHH	glszm	GrayLevelVariance	18.86530235
wavelet-HHH	glszm	ZoneVariance	1.343276679
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.067869118
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.546074691

wavelet-HHH	glszm	SizeZoneNonUniformity	50.78494624
wavelet-HHH	glszm	GrayLevelNonUniformity	6.311827957
wavelet-HHH	glszm	LargeAreaEmphasis	3.774193548
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	133.7735474
wavelet-HHH	glszm	ZonePercentage	0.64137931
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.041497135
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	684.4301075
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	172.8387097
wavelet-HHH	glszm	SmallAreaEmphasis	0.766343903
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.021168996
wavelet-HHH	glszm	ZoneEntropy	4.989729172
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.019250897
wavelet-HHH	ngtdm	Coarseness	0.031064392
wavelet-HHH	ngtdm	Complexity	552.5860114
wavelet-HHH	ngtdm	Strength	4.020447455
wavelet-HHH	ngtdm	Contrast	0.302326756
wavelet-HHH	ngtdm	Busyness	0.140155051
wavelet-HLL	gldm	GrayLevelVariance	96.44870392
wavelet-HLL	gldm	HighGrayLevelEmphasis	733.9241379
wavelet-HLL	gldm	DependenceEntropy	5.62880657
wavelet-HLL	gldm	DependenceNonUniformity	81.49655172
wavelet-HLL	gldm	GrayLevelNonUniformity	4.875862069
wavelet-HLL	gldm	SmallDependenceEmphasis	0.768582375
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	555.3766284
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.562045184
wavelet-HLL	gldm	LargeDependenceEmphasis	2.048275862
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013841682
wavelet-HLL	gldm	DependenceVariance	0.276623068
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1578.903448
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011352376
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011820457
wavelet-HLL	glcm	JointAverage	24.77337991
wavelet-HLL	glcm	SumAverage	49.54675981
wavelet-HLL	glcm	JointEntropy	6.899461471
wavelet-HLL	glcm	ClusterShade	-22.72948354
wavelet-HLL	glcm	MaximumProbability	0.016614721
wavelet-HLL	glcm	ldmn	0.921826217
wavelet-HLL	glcm	JointEnergy	0.008827238
wavelet-HLL	glcm	Contrast	211.5128076
wavelet-HLL	glcm	DifferenceEntropy	4.355624027
wavelet-HLL	glcm	InverseVariance	0.101507794
wavelet-HLL	glcm	DifferenceVariance	72.46498738
wavelet-HLL	glcm	ldn	0.820436671
wavelet-HLL	glcm	ldm	0.088271302
wavelet-HLL	glcm	Correlation	-0.045479401
wavelet-HLL	glcm	Autocorrelation	607.7784362
wavelet-HLL	glcm	SumEntropy	5.033248737
wavelet-HLL	glcm	SumSquares	99.70508472
wavelet-HLL	glcm	ClusterProminence	109442.0367
wavelet-HLL	glcm	lmc2	0.998848785
wavelet-HLL	glcm	lmc1	-0.618732961
wavelet-HLL	glcm	DifferenceAverage	11.34443044



wavelet-HLL	glcm	Id	0.165783091
wavelet-HLL	glcm	ClusterTendency	187.3075313
wavelet-HLL	firstorder	InterquartileRange	321.6747492
wavelet-HLL	firstorder	Skewness	-0.16896623
wavelet-HLL	firstorder	Uniformity	0.033626635
wavelet-HLL	firstorder	Median	-70.71805401
wavelet-HLL	firstorder	Energy	9736399.248
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	136.0154485
wavelet-HLL	firstorder	MeanAbsoluteDeviation	197.0353723
wavelet-HLL	firstorder	TotalEnergy	262882779.7
wavelet-HLL	firstorder	Maximum	436.7500587
wavelet-HLL	firstorder	RootMeanSquared	259.1285029
wavelet-HLL	firstorder	90Percentile	251.9479007
wavelet-HLL	firstorder	Minimum	-694.2592204
wavelet-HLL	firstorder	Entropy	5.068312436
wavelet-HLL	firstorder	Range	1131.009279
wavelet-HLL	firstorder	Variance	60513.90651
wavelet-HLL	firstorder	10Percentile	-423.4184031
wavelet-HLL	firstorder	Kurtosis	2.617212216
wavelet-HLL	firstorder	Mean	-81.44737264
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011929391
wavelet-HLL	glrlm	GrayLevelVariance	96.78589632
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011948653
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.033565376
wavelet-HLL	glrlm	RunVariance	0.012724032
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.80495999
wavelet-HLL	glrlm	LongRunEmphasis	1.039053895
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	725.4332577
wavelet-HLL	glrlm	RunLengthNonUniformity	139.5444406
wavelet-HLL	glrlm	ShortRunEmphasis	0.990236526
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	764.101284
wavelet-HLL	glrlm	RunPercentage	0.987267905
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012025699
wavelet-HLL	glrlm	RunEntropy	5.111385339
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	733.166863
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.974551935
wavelet-HLL	glszm	GrayLevelVariance	101.6130046
wavelet-HLL	glszm	ZoneVariance	0.241650161
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032716345
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.716822621
wavelet-HLL	glszm	SizeZoneNonUniformity	86.73553719
wavelet-HLL	glszm	GrayLevelNonUniformity	3.958677686
wavelet-HLL	glszm	LargeAreaEmphasis	1.67768595
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	627.4167241
wavelet-HLL	glszm	ZonePercentage	0.834482759
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015036785
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1289.181818
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	722.4876033
wavelet-HLL	glszm	SmallAreaEmphasis	0.872187787
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013774705
wavelet-HLL	glszm	ZoneEntropy	5.522913936
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013507001

wavelet-HLL	ngtdm	Coarseness	0.032233967
wavelet-HLL	ngtdm	Complexity	4984.649944
wavelet-HLL	ngtdm	Strength	17.66149047
wavelet-HLL	ngtdm	Contrast	0.971118936
wavelet-HLL	ngtdm	Busyness	0.036369196
wavelet-LHL	gldm	GrayLevelVariance	173.6349108
wavelet-LHL	gldm	HighGrayLevelEmphasis	1487.572414
wavelet-LHL	gldm	DependenceEntropy	5.946577452
wavelet-LHL	gldm	DependenceNonUniformity	72.90344828
wavelet-LHL	gldm	GrayLevelNonUniformity	4.117241379
wavelet-LHL	gldm	SmallDependenceEmphasis	0.732136015
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1134.593439
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.502782402
wavelet-LHL	gldm	LargeDependenceEmphasis	2.64137931
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010582155
wavelet-LHL	gldm	DependenceVariance	0.523852556
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3388.924138
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00813659
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.008450251
wavelet-LHL	glcm	JointAverage	35.40344061
wavelet-LHL	glcm	SumAverage	70.80688122
wavelet-LHL	glcm	JointEntropy	6.910907029
wavelet-LHL	glcm	ClusterShade	4982.974521
wavelet-LHL	glcm	MaximumProbability	0.018868447
wavelet-LHL	glcm	ldmn	0.966948861
wavelet-LHL	glcm	JointEnergy	0.008831048
wavelet-LHL	glcm	Contrast	234.6265473
wavelet-LHL	glcm	DifferenceEntropy	4.390475742
wavelet-LHL	glcm	InverseVariance	0.08687137
wavelet-LHL	glcm	DifferenceVariance	88.1892837
wavelet-LHL	glcm	ldn	0.880625697
wavelet-LHL	glcm	ldm	0.089544175
wavelet-LHL	glcm	Correlation	0.231114876
wavelet-LHL	glcm	Autocorrelation	1288.802272
wavelet-LHL	glcm	SumEntropy	5.241860161
wavelet-LHL	glcm	SumSquares	152.251367
wavelet-LHL	glcm	ClusterProminence	543889.9911
wavelet-LHL	glcm	lmc2	0.999377795
wavelet-LHL	glcm	lmc1	-0.654731451
wavelet-LHL	glcm	DifferenceAverage	11.66454009
wavelet-LHL	glcm	ld	0.167251946
wavelet-LHL	glcm	ClusterTendency	374.3789207
wavelet-LHL	firstorder	InterquartileRange	387.8741365
wavelet-LHL	firstorder	Skewness	0.338543543
wavelet-LHL	firstorder	Uniformity	0.028394768
wavelet-LHL	firstorder	Median	49.01239093
wavelet-LHL	firstorder	Energy	15986914.42
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	173.3659783
wavelet-LHL	firstorder	MeanAbsoluteDeviation	256.642492
wavelet-LHL	firstorder	TotalEnergy	431646689.2
wavelet-LHL	firstorder	Maximum	1100.022994
wavelet-LHL	firstorder	RootMeanSquared	332.0460543

wavelet-LHL	firstorder	90Percentile	439.8656887
wavelet-LHL	firstorder	Minimum	-837.6407153
wavelet-LHL	firstorder	Entropy	5.370605257
wavelet-LHL	firstorder	Range	1937.663709
wavelet-LHL	firstorder	Variance	108327.6816
wavelet-LHL	firstorder	10Percentile	-334.5729625
wavelet-LHL	firstorder	Kurtosis	3.512925562
wavelet-LHL	firstorder	Mean	43.89647518
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008566435
wavelet-LHL	glrlm	GrayLevelVariance	174.4733447
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008582642
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.028147962
wavelet-LHL	glrlm	RunVariance	0.018513026
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.011087553
wavelet-LHL	glrlm	LongRunEmphasis	1.056101897
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1475.289879
wavelet-LHL	glrlm	RunLengthNonUniformity	137.7774958
wavelet-LHL	glrlm	ShortRunEmphasis	0.986572219
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1560.717749
wavelet-LHL	glrlm	RunPercentage	0.982493369
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008652893
wavelet-LHL	glrlm	RunEntropy	5.429617976
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1492.164587
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.966178919
wavelet-LHL	glszm	GrayLevelVariance	185.1361474
wavelet-LHL	glszm	ZoneVariance	0.42887931
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026010702
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.702288942
wavelet-LHL	glszm	SizeZoneNonUniformity	81.46551724
wavelet-LHL	glszm	GrayLevelNonUniformity	3.017241379
wavelet-LHL	glszm	LargeAreaEmphasis	1.99137931
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1349.575081
wavelet-LHL	glszm	ZonePercentage	0.8
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011547686
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2673.775862
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1543.948276
wavelet-LHL	glszm	SmallAreaEmphasis	0.863251916
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.010261748
wavelet-LHL	glszm	ZoneEntropy	5.8358394
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010110421
wavelet-LHL	ngtdm	Coarseness	0.037252996
wavelet-LHL	ngtdm	Complexity	9091.868889
wavelet-LHL	ngtdm	Strength	41.51133657
wavelet-LHL	ngtdm	Contrast	1.120887879
wavelet-LHL	ngtdm	Busyness	0.018982036
wavelet-LHH	gldm	GrayLevelVariance	34.28156956
wavelet-LHH	gldm	HighGrayLevelEmphasis	473.8344828
wavelet-LHH	gldm	DependenceEntropy	5.296591705
wavelet-LHH	gldm	DependenceNonUniformity	54.1862069
wavelet-LHH	gldm	GrayLevelNonUniformity	8.682758621
wavelet-LHH	gldm	SmallDependenceEmphasis	0.586781609
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	289.9703065

wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.373697979
wavelet-LHH	gldm	LargeDependenceEmphasis	3.606896552
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017101408
wavelet-LHH	gldm	DependenceVariance	0.657978597
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1639.793103
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008646759
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.009870771
wavelet-LHH	glcm	JointAverage	20.79399508
wavelet-LHH	glcm	SumAverage	41.58799015
wavelet-LHH	glcm	JointEntropy	6.685683261
wavelet-LHH	glcm	ClusterShade	-98.75442499
wavelet-LHH	glcm	MaximumProbability	0.023853653
wavelet-LHH	glcm	Idmn	0.969925747
wavelet-LHH	glcm	JointEnergy	0.010608429
wavelet-LHH	glcm	Contrast	74.96543939
wavelet-LHH	glcm	DifferenceEntropy	3.887503155
wavelet-LHH	glcm	InverseVariance	0.144594696
wavelet-LHH	glcm	DifferenceVariance	30.01371485
wavelet-LHH	glcm	Idn	0.884932761
wavelet-LHH	glcm	Idm	0.147885552
wavelet-LHH	glcm	Correlation	-0.031414662
wavelet-LHH	glcm	Autocorrelation	431.0533405
wavelet-LHH	glcm	SumEntropy	4.532903582
wavelet-LHH	glcm	SumSquares	36.06294763
wavelet-LHH	glcm	ClusterProminence	17182.84336
wavelet-LHH	glcm	Imc2	0.988544181
wavelet-LHH	glcm	Imc1	-0.448582313
wavelet-LHH	glcm	DifferenceAverage	6.621928524
wavelet-LHH	glcm	Id	0.238518277
wavelet-LHH	glcm	ClusterTendency	69.28635112
wavelet-LHH	firstorder	InterquartileRange	177.0315602
wavelet-LHH	firstorder	Skewness	0.158867481
wavelet-LHH	firstorder	Uniformity	0.059881094
wavelet-LHH	firstorder	Median	2.665958062
wavelet-LHH	firstorder	Energy	3150982.428
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	71.26281244
wavelet-LHH	firstorder	MeanAbsoluteDeviation	110.176472
wavelet-LHH	firstorder	TotalEnergy	85076525.55
wavelet-LHH	firstorder	Maximum	659.6603001
wavelet-LHH	firstorder	RootMeanSquared	147.4140878
wavelet-LHH	firstorder	90Percentile	193.8764488
wavelet-LHH	firstorder	Minimum	-494.1974659
wavelet-LHH	firstorder	Entropy	4.305410707
wavelet-LHH	firstorder	Range	1153.857766
wavelet-LHH	firstorder	Variance	21602.89534
wavelet-LHH	firstorder	10Percentile	-141.2205059
wavelet-LHH	firstorder	Kurtosis	5.422326263
wavelet-LHH	firstorder	Mean	11.31450198
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.010010913
wavelet-LHH	glrlm	GrayLevelVariance	34.72708083
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.010072157
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalzied	0.059252424

wavelet-LHH	glrlm	RunVariance	0.027533887
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.355283054
wavelet-LHH	glrlm	LongRunEmphasis	1.086024834
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	465.0240774
wavelet-LHH	glrlm	RunLengthNonUniformity	133.315734
wavelet-LHH	glrlm	ShortRunEmphasis	0.978493791
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	513.018898
wavelet-LHH	glrlm	RunPercentage	0.972413793
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.010317131
wavelet-LHH	glrlm	RunEntropy	4.434877102
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	474.6230415
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.944932226
wavelet-LHH	glszm	GrayLevelVariance	41.01765126
wavelet-LHH	glszm	ZoneVariance	0.915416794
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.053361902
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.546985002
wavelet-LHH	glszm	SizeZoneNonUniformity	54.15151515
wavelet-LHH	glszm	GrayLevelNonUniformity	5.282828283
wavelet-LHH	glszm	LargeAreaEmphasis	3.060606061
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	382.1835908
wavelet-LHH	glszm	ZonePercentage	0.682758621
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.018629838
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1429.636364
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	484.1414141
wavelet-LHH	glszm	SmallAreaEmphasis	0.765972136
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.013127295
wavelet-LHH	glszm	ZoneEntropy	5.147766793
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012389225
wavelet-LHH	ngtdm	Coarseness	0.035497117
wavelet-LHH	ngtdm	Complexity	1348.487124
wavelet-LHH	ngtdm	Strength	9.693055514
wavelet-LHH	ngtdm	Contrast	0.489702548
wavelet-LHH	ngtdm	Busyness	0.05927616
wavelet-LLH	gldm	GrayLevelVariance	84.98758621
wavelet-LLH	gldm	HighGrayLevelEmphasis	824.8275862
wavelet-LLH	gldm	DependenceEntropy	5.760683532
wavelet-LLH	gldm	DependenceNonUniformity	74.35172414
wavelet-LLH	gldm	GrayLevelNonUniformity	5.055172414
wavelet-LLH	gldm	SmallDependenceEmphasis	0.736015326
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	599.6302682
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.512770511
wavelet-LLH	gldm	LargeDependenceEmphasis	2.393103448
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011743879
wavelet-LLH	gldm	DependenceVariance	0.394292509
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1980.206897
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009403453
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.009775931
wavelet-LLH	glcm	JointAverage	27.03164581
wavelet-LLH	glcm	SumAverage	54.06329162
wavelet-LLH	glcm	JointEntropy	6.925769504
wavelet-LLH	glcm	ClusterShade	-216.3520541
wavelet-LLH	glcm	MaximumProbability	0.015979263

wavelet-LLH	glcm	Idmn	0.942771565
wavelet-LLH	glcm	JointEnergy	0.008674149
wavelet-LLH	glcm	Contrast	144.7148953
wavelet-LLH	glcm	DifferenceEntropy	4.176572163
wavelet-LLH	glcm	InverseVariance	0.126344037
wavelet-LLH	glcm	DifferenceVariance	58.96543744
wavelet-LLH	glcm	Idn	0.847408687
wavelet-LLH	glcm	Idm	0.110499719
wavelet-LLH	glcm	Correlation	0.151761789
wavelet-LLH	glcm	Autocorrelation	743.5408128
wavelet-LLH	glcm	SumEntropy	5.079187725
wavelet-LLH	glcm	SumSquares	85.1237514
wavelet-LLH	glcm	ClusterProminence	123048.6371
wavelet-LLH	glcm	Imc2	0.998600722
wavelet-LLH	glcm	Imc1	-0.604439485
wavelet-LLH	glcm	DifferenceAverage	9.081517823
wavelet-LLH	glcm	Id	0.194715514
wavelet-LLH	glcm	ClusterTendency	195.7801103
wavelet-LLH	firstorder	InterquartileRange	305.456777
wavelet-LLH	firstorder	Skewness	-0.316569281
wavelet-LLH	firstorder	Uniformity	0.034863258
wavelet-LLH	firstorder	Median	-38.20983734
wavelet-LLH	firstorder	Energy	7756215.983
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	128.0892161
wavelet-LLH	firstorder	MeanAbsoluteDeviation	183.2182529
wavelet-LLH	firstorder	TotalEnergy	209417831.5
wavelet-LLH	firstorder	Maximum	408.0503535
wavelet-LLH	firstorder	RootMeanSquared	231.281527
wavelet-LLH	firstorder	90Percentile	277.1021457
wavelet-LLH	firstorder	Minimum	-676.4207981
wavelet-LLH	firstorder	Entropy	5.046250799
wavelet-LLH	firstorder	Range	1084.471152
wavelet-LLH	firstorder	Variance	52421.58641
wavelet-LLH	firstorder	10Percentile	-309.9824697
wavelet-LLH	firstorder	Kurtosis	2.889307606
wavelet-LLH	firstorder	Mean	-32.70410222
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009895176
wavelet-LLH	glrlm	GrayLevelVariance	85.73638686
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00991249
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.03463104
wavelet-LLH	glrlm	RunVariance	0.015901813
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.941841906
wavelet-LLH	glrlm	LongRunEmphasis	1.048991268
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	814.3599783
wavelet-LLH	glrlm	RunLengthNonUniformity	138.1973611
wavelet-LLH	glrlm	ShortRunEmphasis	0.987752183
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	865.6543878
wavelet-LLH	glrlm	RunPercentage	0.984084881
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.009981749
wavelet-LLH	glrlm	RunEntropy	5.108771323
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	824.6188602
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.968196374

wavelet-LLH	glszm	GrayLevelVariance	95.4503616
wavelet-LLH	glszm	ZoneVariance	0.318796114
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031485134
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.691577179
wavelet-LLH	glszm	SizeZoneNonUniformity	80.91452991
wavelet-LLH	glszm	GrayLevelNonUniformity	3.683760684
wavelet-LLH	glszm	LargeAreaEmphasis	1.854700855
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	697.4537037
wavelet-LLH	glszm	ZonePercentage	0.806896552
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.013012138
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1517.350427
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	821.6837607
wavelet-LLH	glszm	SmallAreaEmphasis	0.857846629
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.011774036
wavelet-LLH	glszm	ZoneEntropy	5.654314027
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01157556
wavelet-LLH	ngtdm	Coarseness	0.037484051
wavelet-LLH	ngtdm	Complexity	4038.943467
wavelet-LLH	ngtdm	Strength	19.82610227
wavelet-LLH	ngtdm	Contrast	0.730413798
wavelet-LLH	ngtdm	Busyness	0.03040552
wavelet-LLL	gldm	GrayLevelVariance	242.6851843
wavelet-LLL	gldm	HighGrayLevelEmphasis	1181.57931
wavelet-LLL	gldm	DependenceEntropy	5.865981463
wavelet-LLL	gldm	DependenceNonUniformity	90.88965517
wavelet-LLL	gldm	GrayLevelNonUniformity	3.965517241
wavelet-LLL	gldm	SmallDependenceEmphasis	0.81901341
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	892.4569444
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.626825208
wavelet-LLL	gldm	LargeDependenceEmphasis	1.924137931
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012243105
wavelet-LLL	gldm	DependenceVariance	0.296313912
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2812.682759
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010632601
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.010935679
wavelet-LLL	glcm	JointAverage	34.23375701
wavelet-LLL	glcm	SumAverage	68.46751402
wavelet-LLL	glcm	JointEntropy	6.964888781
wavelet-LLL	glcm	ClusterShade	11496.94461
wavelet-LLL	glcm	MaximumProbability	0.015982539
wavelet-LLL	glcm	Idmn	0.951707268
wavelet-LLL	glcm	JointEnergy	0.008405233
wavelet-LLL	glcm	Contrast	356.1757388
wavelet-LLL	glcm	DifferenceEntropy	4.707806659
wavelet-LLL	glcm	InverseVariance	0.065473662
wavelet-LLL	glcm	DifferenceVariance	124.318144
wavelet-LLL	glcm	Idn	0.853410001
wavelet-LLL	glcm	Idm	0.064066325
wavelet-LLL	glcm	Correlation	0.3748889
wavelet-LLL	glcm	Autocorrelation	1277.48527
wavelet-LLL	glcm	SumEntropy	5.457055444
wavelet-LLL	glcm	SumSquares	280.9586189

wavelet-LLL	glcm	ClusterProminence	1722026.306
wavelet-LLL	glcm	Imc2	0.999632875
wavelet-LLL	glcm	Imc1	-0.690189908
wavelet-LLL	glcm	DifferenceAverage	15.00227588
wavelet-LLL	glcm	Id	0.133377853
wavelet-LLL	glcm	ClusterTendency	767.6587367
wavelet-LLL	firstorder	InterquartileRange	513.5187111
wavelet-LLL	firstorder	Skewness	0.565117713
wavelet-LLL	firstorder	Uniformity	0.027348395
wavelet-LLL	firstorder	Median	-1048.29685
wavelet-LLL	firstorder	Energy	173099562.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	207.0829269
wavelet-LLL	firstorder	MeanAbsoluteDeviation	305.2067021
wavelet-LLL	firstorder	TotalEnergy	4673688195
wavelet-LLL	firstorder	Maximum	216.5948308
wavelet-LLL	firstorder	RootMeanSquared	1092.607014
wavelet-LLL	firstorder	90Percentile	-497.1082802
wavelet-LLL	firstorder	Minimum	-1760.872359
wavelet-LLL	firstorder	Entropy	5.458998878
wavelet-LLL	firstorder	Range	1977.46719
wavelet-LLL	firstorder	Variance	151921.2061
wavelet-LLL	firstorder	10Percentile	-1521.141496
wavelet-LLL	firstorder	Kurtosis	3.354252145
wavelet-LLL	firstorder	Mean	-1020.719786
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011024924
wavelet-LLL	glrlm	GrayLevelVariance	242.6137803
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.011037242
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.027270254
wavelet-LLL	glrlm	RunVariance	0.010606547
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.912290558
wavelet-LLL	glrlm	LongRunEmphasis	1.032367452
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1162.356725
wavelet-LLL	glrlm	RunLengthNonUniformity	140.436546
wavelet-LLL	glrlm	ShortRunEmphasis	0.991908137
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1230.86563
wavelet-LLL	glrlm	RunPercentage	0.98938992
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.011086513
wavelet-LLL	glrlm	RunEntropy	5.492490612
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1176.058506
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.978786906
wavelet-LLL	glszm	GrayLevelVariance	242.9324767
wavelet-LLL	glszm	ZoneVariance	0.207420005
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.026581003
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.785462333
wavelet-LLL	glszm	SizeZoneNonUniformity	98.96825397
wavelet-LLL	glszm	GrayLevelNonUniformity	3.349206349
wavelet-LLL	glszm	LargeAreaEmphasis	1.531746032
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	971.7006724
wavelet-LLL	glszm	ZonePercentage	0.868965517
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013103887
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2029.468254
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1113.650794



wavelet-LLL	glszm	SmallAreaEmphasis	0.907021605
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.012345423
wavelet-LLL	glszm	ZoneEntropy	5.750934639
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012176893
wavelet-LLL	ngtdm	Coarseness	0.027873071
wavelet-LLL	ngtdm	Complexity	14022.15921
wavelet-LLL	ngtdm	Strength	47.80915168
wavelet-LLL	ngtdm	Contrast	1.640815817
wavelet-LLL	ngtdm	Busyness	0.024080032
wavelet-HHL	gldm	GrayLevelVariance	45.16166468
wavelet-HHL	gldm	HighGrayLevelEmphasis	442.6827586
wavelet-HHL	gldm	DependenceEntropy	5.484999611
wavelet-HHL	gldm	DependenceNonUniformity	63.20689655
wavelet-HHL	gldm	GrayLevelNonUniformity	7.220689655
wavelet-HHL	gldm	SmallDependenceEmphasis	0.662643678
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	284.4114943
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.435909631
wavelet-HHL	gldm	LargeDependenceEmphasis	3.027586207
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022475402
wavelet-HHL	gldm	DependenceVariance	0.576741974
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1354.434483
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016567241
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.017399376
wavelet-HHL	glcm	JointAverage	20.1458765
wavelet-HHL	glcm	SumAverage	40.29175301
wavelet-HHL	glcm	JointEntropy	6.696964799
wavelet-HHL	glcm	ClusterShade	240.7429087
wavelet-HHL	glcm	MaximumProbability	0.026416009
wavelet-HHL	glcm	ldmn	0.96180427
wavelet-HHL	glcm	JointEnergy	0.010736147
wavelet-HHL	glcm	Contrast	74.53989803
wavelet-HHL	glcm	DifferenceEntropy	3.825749484
wavelet-HHL	glcm	InverseVariance	0.15457295
wavelet-HHL	glcm	DifferenceVariance	28.58501621
wavelet-HHL	glcm	ldn	0.87164744
wavelet-HHL	glcm	ldm	0.141356971
wavelet-HHL	glcm	Correlation	0.040445316
wavelet-HHL	glcm	Autocorrelation	408.4534248
wavelet-HHL	glcm	SumEntropy	4.600951488
wavelet-HHL	glcm	SumSquares	39.43049265
wavelet-HHL	glcm	ClusterProminence	32341.95027
wavelet-HHL	glcm	lmc2	0.99230534
wavelet-HHL	glcm	lmc1	-0.480160887
wavelet-HHL	glcm	DifferenceAverage	6.602773871
wavelet-HHL	glcm	ld	0.232878619
wavelet-HHL	glcm	ClusterTendency	83.18207255
wavelet-HHL	firstorder	InterquartileRange	195.3359022
wavelet-HHL	firstorder	Skewness	0.123010332
wavelet-HHL	firstorder	Uniformity	0.04979786
wavelet-HHL	firstorder	Median	-16.05199026
wavelet-HHL	firstorder	Energy	4100119.982
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	82.02090235

wavelet-HHL	firstorder	MeanAbsoluteDeviation	127.5005559
wavelet-HHL	firstorder	TotalEnergy	110703239.5
wavelet-HHL	firstorder	Maximum	509.3378098
wavelet-HHL	firstorder	RootMeanSquared	168.156741
wavelet-HHL	firstorder	90Percentile	193.3638753
wavelet-HHL	firstorder	Minimum	-495.41691
wavelet-HHL	firstorder	Entropy	4.588774383
wavelet-HHL	firstorder	Range	1004.75472
wavelet-HHL	firstorder	Variance	28089.25597
wavelet-HHL	firstorder	10Percentile	-207.8862975
wavelet-HHL	firstorder	Kurtosis	3.751702425
wavelet-HHL	firstorder	Mean	-13.69063774
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.017692922
wavelet-HHL	grlm	GrayLevelVariance	45.78186312
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.017733277
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.049198481
wavelet-HHL	grlm	RunVariance	0.022841901
wavelet-HHL	grlm	GrayLevelNonUniformity	6.979535269
wavelet-HHL	grlm	LongRunEmphasis	1.068311691
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	434.7806341
wavelet-HHL	grlm	RunLengthNonUniformity	135.8602454
wavelet-HHL	grlm	ShortRunEmphasis	0.983541426
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	473.2999687
wavelet-HHL	grlm	RunPercentage	0.978249337
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.01790571
wavelet-HHL	grlm	RunEntropy	4.685961612
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	442.3730183
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.957515267
wavelet-HHL	glszm	GrayLevelVariance	54.92844429
wavelet-HHL	glszm	ZoneVariance	1.062744749
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.042719829
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.64257743
wavelet-HHL	glszm	SizeZoneNonUniformity	68.11320755
wavelet-HHL	glszm	GrayLevelNonUniformity	4.528301887
wavelet-HHL	glszm	LargeAreaEmphasis	2.933962264
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	352.4608495
wavelet-HHL	glszm	ZonePercentage	0.731034483
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.027777726
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1281.915094
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	436.2830189
wavelet-HHL	glszm	SmallAreaEmphasis	0.828285428
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.022886844
wavelet-HHL	glszm	ZoneEntropy	5.317569399
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.022469101
wavelet-HHL	ngtdm	Coarseness	0.036575433
wavelet-HHL	ngtdm	Complexity	2100.63649
wavelet-HHL	ngtdm	Strength	12.47572605
wavelet-HHL	ngtdm	Contrast	0.474466312
wavelet-HHL	ngtdm	Busyness	0.048713593
wavelet-HLH	gldm	GrayLevelVariance	33.14311534
wavelet-HLH	gldm	HighGrayLevelEmphasis	275.2137931
wavelet-HLH	gldm	DependenceEntropy	5.373518252

wavelet-HLH	gldm	DependenceNonUniformity	57.02758621
wavelet-HLH	gldm	GrayLevelNonUniformity	8.131034483
wavelet-HLH	gldm	SmallDependenceEmphasis	0.633273946
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	181.8031341
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.393293698
wavelet-HLH	gldm	LargeDependenceEmphasis	3.882758621
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.035748539
wavelet-HLH	gldm	DependenceVariance	0.88627824
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	987.6551724
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018178213
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.02024569
wavelet-HLH	glcm	JointAverage	15.26113906
wavelet-HLH	glcm	SumAverage	30.52227812
wavelet-HLH	glcm	JointEntropy	6.703834211
wavelet-HLH	glcm	ClusterShade	66.4537865
wavelet-HLH	glcm	MaximumProbability	0.025984901
wavelet-HLH	glcm	Idmn	0.946907266
wavelet-HLH	glcm	JointEnergy	0.010574666
wavelet-HLH	glcm	Contrast	67.95156666
wavelet-HLH	glcm	DifferenceEntropy	3.859210212
wavelet-HLH	glcm	InverseVariance	0.147136001
wavelet-HLH	glcm	DifferenceVariance	24.42679091
wavelet-HLH	glcm	Idn	0.847789639
wavelet-HLH	glcm	Idm	0.149867234
wavelet-HLH	glcm	Correlation	-0.001007833
wavelet-HLH	glcm	Autocorrelation	233.3977095
wavelet-HLH	glcm	SumEntropy	4.591446599
wavelet-HLH	glcm	SumSquares	33.98339686
wavelet-HLH	glcm	ClusterProminence	13741.6015
wavelet-HLH	glcm	Imc2	0.988043708
wavelet-HLH	glcm	Imc1	-0.442585951
wavelet-HLH	glcm	DifferenceAverage	6.511186885
wavelet-HLH	glcm	Id	0.239313005
wavelet-HLH	glcm	ClusterTendency	67.98202077
wavelet-HLH	firstorder	InterquartileRange	185.3480772
wavelet-HLH	firstorder	Skewness	0.16720247
wavelet-HLH	firstorder	Uniformity	0.0560761
wavelet-HLH	firstorder	Median	-15.88689199
wavelet-HLH	firstorder	Energy	2951491.661
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	81.98149766
wavelet-HLH	firstorder	MeanAbsoluteDeviation	115.4062531
wavelet-HLH	firstorder	TotalEnergy	79690274.84
wavelet-HLH	firstorder	Maximum	432.2376218
wavelet-HLH	firstorder	RootMeanSquared	142.6713528
wavelet-HLH	firstorder	90Percentile	189.5907699
wavelet-HLH	firstorder	Minimum	-370.1938885
wavelet-HLH	firstorder	Entropy	4.378297139
wavelet-HLH	firstorder	Range	802.4315103
wavelet-HLH	firstorder	Variance	20351.21291
wavelet-HLH	firstorder	10Percentile	-163.1766986
wavelet-HLH	firstorder	Kurtosis	2.914282594
wavelet-HLH	firstorder	Mean	1.975344871

wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020565205
wavelet-HLH	glrlm	GrayLevelVariance	33.57880327
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.02067942
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.055374408
wavelet-HLH	glrlm	RunVariance	0.030297321
wavelet-HLH	glrlm	GrayLevelNonUniformity	7.803928541
wavelet-HLH	glrlm	LongRunEmphasis	1.090012675
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	270.4802159
wavelet-HLH	glrlm	RunLengthNonUniformity	133.3639576
wavelet-HLH	glrlm	ShortRunEmphasis	0.978740444
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	298.3132639
wavelet-HLH	glrlm	RunPercentage	0.971883289
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021170823
wavelet-HLH	glrlm	RunEntropy	4.506730488
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	275.9035614
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.945798754
wavelet-HLH	glszm	GrayLevelVariance	38.51239514
wavelet-HLH	glszm	ZoneVariance	1.057027053
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.048920728
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.636157979
wavelet-HLH	glszm	SizeZoneNonUniformity	65.52427184
wavelet-HLH	glszm	GrayLevelNonUniformity	5.038834951
wavelet-HLH	glszm	LargeAreaEmphasis	3.038834951
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	238.5275755
wavelet-HLH	glszm	ZonePercentage	0.710344828
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037461066
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	791.3980583
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	284.0582524
wavelet-HLH	glszm	SmallAreaEmphasis	0.822764968
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026226019
wavelet-HLH	glszm	ZoneEntropy	5.114776533
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025180655
wavelet-HLH	ngtdm	Coarseness	0.033192344
wavelet-HLH	ngtdm	Complexity	1313.431243
wavelet-HLH	ngtdm	Strength	8.011540058
wavelet-HLH	ngtdm	Contrast	0.445721516
wavelet-HLH	ngtdm	Busyness	0.084099746

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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	550
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original	shape	Elongation	0.986368653
original	shape	SurfaceVolumeRatio	0.229321601
original	shape	Volume	14850
original	shape	MajorAxis	30.40095075
original	shape	SurfaceArea	3405.425774
original	shape	Flatness	0.760512986
original	shape	LeastAxis	23.12031783
original	shape	Maximum2DDiameterColumn	34.20526275
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original	gldm	GrayLevelVariance	59.96653223
original	gldm	HighGrayLevelEmphasis	1157.141818
original	gldm	DependenceEntropy	6.121182914
original	gldm	DependenceNonUniformity	75.85090909
original	gldm	GrayLevelNonUniformity	79.20363636
original	gldm	SmallDependenceEmphasis	0.360895956
original	gldm	SmallDependenceHighGrayLevelEmphasis	284.989895
original	gldm	DependenceNonUniformityNormalized	0.137910744
original	gldm	LargeDependenceEmphasis	54.97454545
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.041696145
original	gldm	DependenceVariance	23.85843306
original	gldm	LargeDependenceHighGrayLevelEmphasis	78266.25818
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.00314918
original	gldm	LowGrayLevelEmphasis	0.003662095
original	glcm	JointAverage	34.67595149
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original	glcm	JointEntropy	6.016367816
original	glcm	ClusterShade	-2015.873591
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original	glcm	JointEnergy	0.050402386
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original	glcm	DifferenceEntropy	3.532230656
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original	glcm	Correlation	0.240590128
original	glcm	Autocorrelation	1212.319857
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original	glcm	SumSquares	41.13047053
original	glcm	ClusterProminence	72429.79814
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original	glcm	Id	0.447583476
original	glcm	ClusterTendency	102.0200198
original	firstorder	InterquartileRange	179
original	firstorder	Skewness	-1.737800022
original	firstorder	Uniformity	0.144006612
original	firstorder	Median	14.5
original	firstorder	Energy	24547079
original	firstorder	RobustMeanAbsoluteDeviation	92.07481405
original	firstorder	MeanAbsoluteDeviation	148.7771835
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original	firstorder	Minimum	-880
original	firstorder	Entropy	3.777124094
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original	firstorder	Variance	37349.99897
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original	firstorder	Kurtosis	5.342134308
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original	glrlm	LowGrayLevelRunEmphasis	0.004293235
original	glrlm	GrayLevelNonUniformityNormalized	0.101218213
original	glrlm	RunVariance	0.368388019
original	glrlm	GrayLevelNonUniformity	45.92174215
original	glrlm	LongRunEmphasis	1.844904604
original	glrlm	ShortRunHighGrayLevelEmphasis	938.1275973
original	glrlm	RunLengthNonUniformity	336.7204206
original	glrlm	ShortRunEmphasis	0.884039151
original	glrlm	LongRunHighGrayLevelEmphasis	2301.817685
original	glrlm	RunPercentage	0.823916084
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original	glrlm	RunEntropy	4.701129228
original	glrlm	HighGrayLevelRunEmphasis	1101.550809
original	glrlm	RunLengthNonUniformityNormalized	0.742554805

original	glszm	GrayLevelVariance	77.05725624
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original	glszm	GrayLevelNonUniformityNormalized	0.040907029
original	glszm	SizeZoneNonUniformityNormalized	0.684988662
original	glszm	SizeZoneNonUniformity	143.847619
original	glszm	GrayLevelNonUniformity	8.59047619
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original	glszm	SmallAreaHighGrayLevelEmphasis	631.6627436
original	glszm	ZonePercentage	0.381818182
original	glszm	LargeAreaLowGrayLevelEmphasis	0.136738258
original	glszm	LargeAreaHighGrayLevelEmphasis	261567.3143
original	glszm	HighGrayLevelZoneEmphasis	799.6428571
original	glszm	SmallAreaEmphasis	0.851701954
original	glszm	LowGrayLevelZoneEmphasis	0.008326262
original	glszm	ZoneEntropy	5.464540277
original	glszm	SmallAreaLowGrayLevelEmphasis	0.008150936
original	ngtdm	Coarseness	0.005213922
original	ngtdm	Complexity	2824.608655
original	ngtdm	Strength	9.622847096
original	ngtdm	Contrast	0.387084003
original	ngtdm	Busyness	0.102490797
wavelet-HHH	gldm	GrayLevelVariance	10.85567273
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wavelet-HHH	gldm	DependenceEntropy	6.12925928
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wavelet-HHH	gldm	GrayLevelNonUniformity	62.79272727
wavelet-HHH	gldm	SmallDependenceEmphasis	0.302581327
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	70.54104811
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.137130579
wavelet-HHH	gldm	LargeDependenceEmphasis	32.14909091
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.161432756
wavelet-HHH	gldm	DependenceVariance	13.48669091
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6694.634545
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004090416
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007787708
wavelet-HHH	glcm	JointAverage	14.50833414
wavelet-HHH	glcm	SumAverage	29.01666829
wavelet-HHH	glcm	JointEntropy	6.597742237
wavelet-HHH	glcm	ClusterShade	-2.662307562
wavelet-HHH	glcm	MaximumProbability	0.078417646
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wavelet-HHH	glcm	JointEnergy	0.023122878
wavelet-HHH	glcm	Contrast	20.64225335
wavelet-HHH	glcm	DifferenceEntropy	3.221423577
wavelet-HHH	glcm	InverseVariance	0.309740208
wavelet-HHH	glcm	DifferenceVariance	10.49181858
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wavelet-HHH	glcm	Correlation	-0.034308339
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wavelet-HHH	glcm	ClusterProminence	1920.477381
wavelet-HHH	glcm	Imc2	0.767557795
wavelet-HHH	glcm	Imc1	-0.127247304

wavelet-HHH	glcm	DifferenceAverage	3.156432948
wavelet-HHH	glcm	Id	0.412659953
wavelet-HHH	glcm	ClusterTendency	19.22583198
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wavelet-HHH	firstorder	Uniformity	0.114168595
wavelet-HHH	firstorder	Median	1.057296503
wavelet-HHH	firstorder	Energy	3722941.218
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.6088838
wavelet-HHH	firstorder	MeanAbsoluteDeviation	57.84768519
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wavelet-HHH	firstorder	Maximum	301.9543249
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wavelet-HHH	firstorder	Entropy	3.624556983
wavelet-HHH	firstorder	Range	650.2286752
wavelet-HHH	firstorder	Variance	6767.587915
wavelet-HHH	firstorder	10Percentile	-96.0239452
wavelet-HHH	firstorder	Kurtosis	4.843279613
wavelet-HHH	firstorder	Mean	1.181574308
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007738161
wavelet-HHH	glrlm	GrayLevelVariance	12.11697627
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008196063
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098980913
wavelet-HHH	glrlm	RunVariance	0.1987421
wavelet-HHH	glrlm	GrayLevelNonUniformity	47.50907656
wavelet-HHH	glrlm	LongRunEmphasis	1.515413706
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wavelet-HHH	glrlm	RunLengthNonUniformity	379.5701135
wavelet-HHH	glrlm	ShortRunEmphasis	0.909062776
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	332.3276005
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wavelet-HHH	glszm	LargeAreaEmphasis	119.2786885
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	168.9614184
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wavelet-HHH	glszm	ZoneEntropy	5.407756491
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.011176829
wavelet-HHH	ngtdm	Coarseness	0.013786286
wavelet-HHH	ngtdm	Complexity	658.7191539



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wavelet-HLL	gldm	GrayLevelVariance	140.7715702
wavelet-HLL	gldm	HighGrayLevelEmphasis	793.3418182
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wavelet-HLL	gldm	GrayLevelNonUniformity	20.18909091
wavelet-HLL	gldm	SmallDependenceEmphasis	0.513303474
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	500.3889302
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.273890909
wavelet-HLL	gldm	LargeDependenceEmphasis	9.967272727
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024983217
wavelet-HLL	gldm	DependenceVariance	4.154790083
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006612439
wavelet-HLL	glcm	JointAverage	24.52358412
wavelet-HLL	glcm	SumAverage	49.04716823
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wavelet-HLL	glcm	ClusterShade	6252.00564
wavelet-HLL	glcm	MaximumProbability	0.019678272
wavelet-HLL	glcm	Idmn	0.971966859
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wavelet-HLL	glcm	InverseVariance	0.172692804
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wavelet-HLL	glcm	Idn	0.905868281
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wavelet-HLL	glcm	Correlation	0.146076398
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wavelet-HLL	glcm	ClusterProminence	557514.8772
wavelet-HLL	glcm	Imc2	0.976543455
wavelet-HLL	glcm	Imc1	-0.310907115
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wavelet-HLL	firstorder	InterquartileRange	242.3924984
wavelet-HLL	firstorder	Skewness	1.303679196
wavelet-HLL	firstorder	Uniformity	0.036707438
wavelet-HLL	firstorder	Median	-68.51053154
wavelet-HLL	firstorder	Energy	49687196.97
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	116.0253931
wavelet-HLL	firstorder	MeanAbsoluteDeviation	204.6728723
wavelet-HLL	firstorder	TotalEnergy	1341554318
wavelet-HLL	firstorder	Maximum	1171.059976
wavelet-HLL	firstorder	RootMeanSquared	300.5667282
wavelet-HLL	firstorder	90Percentile	347.5114772
wavelet-HLL	firstorder	Minimum	-656.8967649
wavelet-HLL	firstorder	Entropy	5.199572584
wavelet-HLL	firstorder	Range	1827.956741
wavelet-HLL	firstorder	Variance	87958.57689

wavelet-HLL	firstorder	10Percentile	-374.6369815
wavelet-HLL	firstorder	Kurtosis	5.450977461
wavelet-HLL	firstorder	Mean	-48.80349609
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006727042
wavelet-HLL	glrlm	GrayLevelVariance	147.2390104
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.006839188
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.034970173
wavelet-HLL	glrlm	RunVariance	0.077916809
wavelet-HLL	glrlm	GrayLevelNonUniformity	18.20506815
wavelet-HLL	glrlm	LongRunEmphasis	1.200002946
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	777.1774369
wavelet-HLL	glrlm	RunLengthNonUniformity	472.5456418
wavelet-HLL	glrlm	ShortRunEmphasis	0.961967555
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	933.726951
wavelet-HLL	glrlm	RunPercentage	0.945734266
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.007356922
wavelet-HLL	glrlm	RunEntropy	5.474919878
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	801.5910448
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.906878014
wavelet-HLL	glszm	GrayLevelVariance	211.3442858
wavelet-HLL	glszm	ZoneVariance	9.52127063
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.026317898
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.581216952
wavelet-HLL	glszm	SizeZoneNonUniformity	183.664557
wavelet-HLL	glszm	GrayLevelNonUniformity	8.316455696
wavelet-HLL	glszm	LargeAreaEmphasis	12.55063291
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	812.391709
wavelet-HLL	glszm	ZonePercentage	0.574545455
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.030508327
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	8896.050633
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	928.9398734
wavelet-HLL	glszm	SmallAreaEmphasis	0.79012605
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.00893348
wavelet-HLL	glszm	ZoneEntropy	6.412794989
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007658505
wavelet-HLL	ngtdm	Coarseness	0.013217831
wavelet-HLL	ngtdm	Complexity	11477.91472
wavelet-HLL	ngtdm	Strength	20.81626155
wavelet-HLL	ngtdm	Contrast	0.491002903
wavelet-HLL	ngtdm	Busyness	0.045161016
wavelet-LHL	gldm	GrayLevelVariance	48.24935207
wavelet-LHL	gldm	HighGrayLevelEmphasis	603.58
wavelet-LHL	gldm	DependenceEntropy	6.542545806
wavelet-LHL	gldm	DependenceNonUniformity	116.9236364
wavelet-LHL	gldm	GrayLevelNonUniformity	32.85454545
wavelet-LHL	gldm	SmallDependenceEmphasis	0.440685393
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	263.1124639
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.21258843
wavelet-LHL	gldm	LargeDependenceEmphasis	19.32727273
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.034590773
wavelet-LHL	gldm	DependenceVariance	8.947160331
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	12483.76909
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003882743
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004980502
wavelet-LHL	glcm	JointAverage	23.39799916

wavelet-LHL	glcm	SumAverage	46.79599833
wavelet-LHL	glcm	JointEntropy	7.765673412
wavelet-LHL	glcm	ClusterShade	216.0654403
wavelet-LHL	glcm	MaximumProbability	0.044200122
wavelet-LHL	glcm	Idmn	0.974753336
wavelet-LHL	glcm	JointEnergy	0.00922839
wavelet-LHL	glcm	Contrast	67.79531665
wavelet-LHL	glcm	DifferenceEntropy	3.932617751
wavelet-LHL	glcm	InverseVariance	0.224016164
wavelet-LHL	glcm	DifferenceVariance	35.60277619
wavelet-LHL	glcm	Idn	0.905769853
wavelet-LHL	glcm	Idm	0.239802276
wavelet-LHL	glcm	Correlation	0.160356316
wavelet-LHL	glcm	Autocorrelation	554.3575711
wavelet-LHL	glcm	SumEntropy	4.983080029
wavelet-LHL	glcm	SumSquares	40.7819226
wavelet-LHL	glcm	ClusterProminence	48644.67599
wavelet-LHL	glcm	Imc2	0.932823318
wavelet-LHL	glcm	Imc1	-0.234450361
wavelet-LHL	glcm	DifferenceAverage	5.566093244
wavelet-LHL	glcm	Id	0.318451432
wavelet-LHL	glcm	ClusterTendency	95.33237376
wavelet-LHL	firstorder	InterquartileRange	161.4488449
wavelet-LHL	firstorder	Skewness	0.16450686
wavelet-LHL	firstorder	Uniformity	0.059735537
wavelet-LHL	firstorder	Median	-31.27530288
wavelet-LHL	firstorder	Energy	17796889.19
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	76.09538935
wavelet-LHL	firstorder	MeanAbsoluteDeviation	126.0889157
wavelet-LHL	firstorder	TotalEnergy	480516008.2
wavelet-LHL	firstorder	Maximum	568.4533895
wavelet-LHL	firstorder	RootMeanSquared	179.8832409
wavelet-LHL	firstorder	90Percentile	164.1172504
wavelet-LHL	firstorder	Minimum	-603.6526991
wavelet-LHL	firstorder	Entropy	4.598546329
wavelet-LHL	firstorder	Range	1172.106089
wavelet-LHL	firstorder	Variance	30044.91269
wavelet-LHL	firstorder	10Percentile	-265.7140314
wavelet-LHL	firstorder	Kurtosis	4.153795626
wavelet-LHL	firstorder	Mean	-48.09436209
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005181583
wavelet-LHL	glrlm	GrayLevelVariance	51.44645859
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005287908
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.053156278
wavelet-LHL	glrlm	RunVariance	0.122240194
wavelet-LHL	glrlm	GrayLevelNonUniformity	26.75147546
wavelet-LHL	glrlm	LongRunEmphasis	1.321265119
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	562.0066783
wavelet-LHL	glrlm	RunLengthNonUniformity	430.9069258
wavelet-LHL	glrlm	ShortRunEmphasis	0.939309708
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	805.4767782
wavelet-LHL	glrlm	RunPercentage	0.914545455
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005836556
wavelet-LHL	glrlm	RunEntropy	5.037373453
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	600.4801881

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.855309617
wavelet-LHL	glszm	GrayLevelVariance	75.32889339
wavelet-LHL	glszm	ZoneVariance	24.47439928
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034658213
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.544914487
wavelet-LHL	glszm	SizeZoneNonUniformity	149.3065693
wavelet-LHL	glszm	GrayLevelNonUniformity	9.496350365
wavelet-LHL	glszm	LargeAreaEmphasis	28.50364964
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	458.7541136
wavelet-LHL	glszm	ZonePercentage	0.498181818
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.051611104
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	18478.62409
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	592.6423358
wavelet-LHL	glszm	SmallAreaEmphasis	0.766021779
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008089356
wavelet-LHL	glszm	ZoneEntropy	6.038535317
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007541208
wavelet-LHL	ngtdm	Coarseness	0.012131508
wavelet-LHL	ngtdm	Complexity	3393.066163
wavelet-LHL	ngtdm	Strength	8.286414046
wavelet-LHL	ngtdm	Contrast	0.212798101
wavelet-LHL	ngtdm	Busyness	0.064342125
wavelet-LHH	gldm	GrayLevelVariance	18.08415207
wavelet-LHH	gldm	HighGrayLevelEmphasis	364.5854545
wavelet-LHH	gldm	DependenceEntropy	6.280457383
wavelet-LHH	gldm	DependenceNonUniformity	81.25090909
wavelet-LHH	gldm	GrayLevelNonUniformity	53.88363636
wavelet-LHH	gldm	SmallDependenceEmphasis	0.334298781
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	132.6241056
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.147728926
wavelet-LHH	gldm	LargeDependenceEmphasis	25.98545455
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.08219732
wavelet-LHH	gldm	DependenceVariance	10.56198347
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	8681.48
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003678005
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005774078
wavelet-LHH	glcm	JointAverage	18.6105414
wavelet-LHH	glcm	SumAverage	37.22108281
wavelet-LHH	glcm	JointEntropy	6.877849495
wavelet-LHH	glcm	ClusterShade	50.91275556
wavelet-LHH	glcm	MaximumProbability	0.064653307
wavelet-LHH	glcm	Idmn	0.979771167
wavelet-LHH	glcm	JointEnergy	0.018099511
wavelet-LHH	glcm	Contrast	31.29737511
wavelet-LHH	glcm	DifferenceEntropy	3.420308749
wavelet-LHH	glcm	InverseVariance	0.301189873
wavelet-LHH	glcm	DifferenceVariance	17.14865542
wavelet-LHH	glcm	Idn	0.916582909
wavelet-LHH	glcm	Idm	0.316036726
wavelet-LHH	glcm	Correlation	-0.008011165
wavelet-LHH	glcm	Autocorrelation	346.2135618
wavelet-LHH	glcm	SumEntropy	4.232343127
wavelet-LHH	glcm	SumSquares	15.50408864
wavelet-LHH	glcm	ClusterProminence	6237.570638
wavelet-LHH	glcm	Imc2	0.832935636

wavelet-LHH	glcm	Imc1	-0.159336255
wavelet-LHH	glcm	DifferenceAverage	3.729370753
wavelet-LHH	glcm	Id	0.389036616
wavelet-LHH	glcm	ClusterTendency	30.71897947
wavelet-LHH	firstorder	InterquartileRange	92.04877094
wavelet-LHH	firstorder	Skewness	0.280579985
wavelet-LHH	firstorder	Uniformity	0.097970248
wavelet-LHH	firstorder	Median	-5.250998945
wavelet-LHH	firstorder	Energy	6175497.328
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	39.68481054
wavelet-LHH	firstorder	MeanAbsoluteDeviation	71.82722819
wavelet-LHH	firstorder	TotalEnergy	166738427.8
wavelet-LHH	firstorder	Maximum	470.4010881
wavelet-LHH	firstorder	RootMeanSquared	105.9630924
wavelet-LHH	firstorder	90Percentile	122.2088531
wavelet-LHH	firstorder	Minimum	-438.1052473
wavelet-LHH	firstorder	Entropy	3.877702235
wavelet-LHH	firstorder	Range	908.5063354
wavelet-LHH	firstorder	Variance	11220.55644
wavelet-LHH	firstorder	10Percentile	-101.0408845
wavelet-LHH	firstorder	Kurtosis	6.222909117
wavelet-LHH	firstorder	Mean	2.760529129
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.00587562
wavelet-LHH	glrlm	GrayLevelVariance	19.98512938
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.00611766
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.08654951
wavelet-LHH	glrlm	RunVariance	0.181004347
wavelet-LHH	glrlm	GrayLevelNonUniformity	42.26400043
wavelet-LHH	glrlm	LongRunEmphasis	1.453682233
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	341.6137667
wavelet-LHH	glrlm	RunLengthNonUniformity	399.2755918
wavelet-LHH	glrlm	ShortRunEmphasis	0.921638169
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	520.3955509
wavelet-LHH	glrlm	RunPercentage	0.887412587
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.007515531
wavelet-LHH	glrlm	RunEntropy	4.455460549
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	368.1274474
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.817080867
wavelet-LHH	glszm	GrayLevelVariance	38.82474757
wavelet-LHH	glszm	ZoneVariance	78.57661014
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04950495
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.514263308
wavelet-LHH	glszm	SizeZoneNonUniformity	103.8811881
wavelet-LHH	glszm	GrayLevelNonUniformity	10
wavelet-LHH	glszm	LargeAreaEmphasis	85.99009901
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	299.8271748
wavelet-LHH	glszm	ZonePercentage	0.367272727
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.273605234
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	28208.59406
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	398.1336634
wavelet-LHH	glszm	SmallAreaEmphasis	0.743897734
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.010343842
wavelet-LHH	glszm	ZoneEntropy	5.661392561
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.009486245
wavelet-LHH	ngtdm	Coarseness	0.012979979

wavelet-LHH	ngtdm	Complexity	1200.560862
wavelet-LHH	ngtdm	Strength	4.304887491
wavelet-LHH	ngtdm	Contrast	0.117376714
wavelet-LHH	ngtdm	Busyness	0.103007976
wavelet-LLH	gldm	GrayLevelVariance	72.54479669
wavelet-LLH	gldm	HighGrayLevelEmphasis	852.1727273
wavelet-LLH	gldm	DependenceEntropy	6.69451228
wavelet-LLH	gldm	DependenceNonUniformity	127.5854545
wavelet-LLH	gldm	GrayLevelNonUniformity	28.45454545
wavelet-LLH	gldm	SmallDependenceEmphasis	0.462362433
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	414.2270313
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.231973554
wavelet-LLH	gldm	LargeDependenceEmphasis	17.05818182
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023396706
wavelet-LLH	gldm	DependenceVariance	8.101765289
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	14690.11091
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003083366
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003906443
wavelet-LLH	glcm	JointAverage	27.67867733
wavelet-LLH	glcm	SumAverage	55.35735466
wavelet-LLH	glcm	JointEntropy	7.998697703
wavelet-LLH	glcm	ClusterShade	722.1286884
wavelet-LLH	glcm	MaximumProbability	0.040718868
wavelet-LLH	glcm	Idmn	0.971616842
wavelet-LLH	glcm	JointEnergy	0.008267634
wavelet-LLH	glcm	Contrast	101.3210745
wavelet-LLH	glcm	DifferenceEntropy	4.146541331
wavelet-LLH	glcm	InverseVariance	0.217641461
wavelet-LLH	glcm	DifferenceVariance	55.26488581
wavelet-LLH	glcm	Idn	0.903264139
wavelet-LLH	glcm	Idm	0.225006578
wavelet-LLH	glcm	Correlation	0.172101131
wavelet-LLH	glcm	Autocorrelation	777.1907619
wavelet-LLH	glcm	SumEntropy	5.229614614
wavelet-LLH	glcm	SumSquares	61.72179309
wavelet-LLH	glcm	ClusterProminence	105744.7822
wavelet-LLH	glcm	Imc2	0.960978731
wavelet-LLH	glcm	Imc1	-0.278400756
wavelet-LLH	glcm	DifferenceAverage	6.657097112
wavelet-LLH	glcm	Id	0.301068681
wavelet-LLH	glcm	ClusterTendency	145.5660978
wavelet-LLH	firstorder	InterquartileRange	183.9506586
wavelet-LLH	firstorder	Skewness	0.2716589
wavelet-LLH	firstorder	Uniformity	0.051735537
wavelet-LLH	firstorder	Median	-32.86100055
wavelet-LLH	firstorder	Energy	25672005.95
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	86.59574007
wavelet-LLH	firstorder	MeanAbsoluteDeviation	150.3953399
wavelet-LLH	firstorder	TotalEnergy	693144160.6
wavelet-LLH	firstorder	Maximum	634.8972956
wavelet-LLH	firstorder	RootMeanSquared	216.0471579
wavelet-LLH	firstorder	90Percentile	249.9259084
wavelet-LLH	firstorder	Minimum	-706.9116888
wavelet-LLH	firstorder	Entropy	4.837121685
wavelet-LLH	firstorder	Range	1341.808984

wavelet-LLH	firstorder	Variance	45124.73133
wavelet-LLH	firstorder	10Percentile	-287.1802088
wavelet-LLH	firstorder	Kurtosis	3.965355437
wavelet-LLH	firstorder	Mean	-39.3909015
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004050526
wavelet-LLH	glrlm	GrayLevelVariance	77.28529443
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.004122664
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.045999587
wavelet-LLH	glrlm	RunVariance	0.10952484
wavelet-LLH	glrlm	GrayLevelNonUniformity	23.36885808
wavelet-LLH	glrlm	LongRunEmphasis	1.283673425
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	807.7200021
wavelet-LLH	glrlm	RunLengthNonUniformity	441.6162525
wavelet-LLH	glrlm	ShortRunEmphasis	0.946056849
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1092.773624
wavelet-LLH	glrlm	RunPercentage	0.923356643
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.004490311
wavelet-LLH	glrlm	RunEntropy	5.237082326
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	852.9677549
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.869194005
wavelet-LLH	glszm	GrayLevelVariance	113.4121473
wavelet-LLH	glszm	ZoneVariance	23.49757934
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029952565
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.557949044
wavelet-LLH	glszm	SizeZoneNonUniformity	159.5734266
wavelet-LLH	glszm	GrayLevelNonUniformity	8.566433566
wavelet-LLH	glszm	LargeAreaEmphasis	27.1958042
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	705.0984113
wavelet-LLH	glszm	ZonePercentage	0.52
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037619609
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	23337.12937
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	883.3776224
wavelet-LLH	glszm	SmallAreaEmphasis	0.774843881
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.006156074
wavelet-LLH	glszm	ZoneEntropy	6.211977146
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005733319
wavelet-LLH	ngtdm	Coarseness	0.014103624
wavelet-LLH	ngtdm	Complexity	4692.886929
wavelet-LLH	ngtdm	Strength	10.34421842
wavelet-LLH	ngtdm	Contrast	0.299883539
wavelet-LLH	ngtdm	Busyness	0.044418729
wavelet-LLL	gldm	GrayLevelVariance	442.7011868
wavelet-LLL	gldm	HighGrayLevelEmphasis	4092.838182
wavelet-LLL	gldm	DependenceEntropy	7.014264903
wavelet-LLL	gldm	DependenceNonUniformity	207.6472727
wavelet-LLL	gldm	GrayLevelNonUniformity	14.81090909
wavelet-LLL	gldm	SmallDependenceEmphasis	0.637309986
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2106.563548
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.377540496
wavelet-LLL	gldm	LargeDependenceEmphasis	8.72
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004916751
wavelet-LLL	gldm	DependenceVariance	4.007153719
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	49518.05636
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003426342
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00351426

wavelet-LLL	glcm	JointAverage	65.66194734
wavelet-LLL	glcm	SumAverage	131.3238947
wavelet-LLL	glcm	JointEntropy	8.74904446
wavelet-LLL	glcm	ClusterShade	-31235.19922
wavelet-LLL	glcm	MaximumProbability	0.018296021
wavelet-LLL	glcm	Idmn	0.951719597
wavelet-LLL	glcm	JointEnergy	0.003739167
wavelet-LLL	glcm	Contrast	433.1977476
wavelet-LLL	glcm	DifferenceEntropy	5.113834374
wavelet-LLL	glcm	InverseVariance	0.146262127
wavelet-LLL	glcm	DifferenceVariance	221.1370395
wavelet-LLL	glcm	Idn	0.872864357
wavelet-LLL	glcm	Idm	0.144060657
wavelet-LLL	glcm	Correlation	0.368680217
wavelet-LLL	glcm	Autocorrelation	4438.825168
wavelet-LLL	glcm	SumEntropy	6.169209307
wavelet-LLL	glcm	SumSquares	343.5532231
wavelet-LLL	glcm	ClusterProminence	3078480.23
wavelet-LLL	glcm	Imc2	0.992074788
wavelet-LLL	glcm	Imc1	-0.384563127
wavelet-LLL	glcm	DifferenceAverage	14.45891661
wavelet-LLL	glcm	Id	0.209849944
wavelet-LLL	glcm	ClusterTendency	941.015145
wavelet-LLL	firstorder	InterquartileRange	844.9296499
wavelet-LLL	firstorder	Skewness	-0.824917382
wavelet-LLL	firstorder	Uniformity	0.026928926
wavelet-LLL	firstorder	Median	-125.4401126
wavelet-LLL	firstorder	Energy	211148555.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	351.0729739
wavelet-LLL	firstorder	MeanAbsoluteDeviation	450.9795143
wavelet-LLL	firstorder	TotalEnergy	5701010995
wavelet-LLL	firstorder	Maximum	316.9473062
wavelet-LLL	firstorder	RootMeanSquared	619.6018595
wavelet-LLL	firstorder	90Percentile	180.1489175
wavelet-LLL	firstorder	Minimum	-1815.879043
wavelet-LLL	firstorder	Entropy	5.741571894
wavelet-LLL	firstorder	Range	2132.826349
wavelet-LLL	firstorder	Variance	276878.7977
wavelet-LLL	firstorder	10Percentile	-1091.612519
wavelet-LLL	firstorder	Kurtosis	2.599752075
wavelet-LLL	firstorder	Mean	-327.1508316
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.00366502
wavelet-LLL	glrlm	GrayLevelVariance	448.3220387
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00367148
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024692017
wavelet-LLL	glrlm	RunVariance	0.057996762
wavelet-LLL	glrlm	GrayLevelNonUniformity	12.97417374
wavelet-LLL	glrlm	LongRunEmphasis	1.155336887
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3827.657061
wavelet-LLL	glrlm	RunLengthNonUniformity	483.3126999
wavelet-LLL	glrlm	ShortRunEmphasis	0.967973505
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4914.480624
wavelet-LLL	glrlm	RunPercentage	0.954965035
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003701867
wavelet-LLL	glrlm	RunEntropy	5.988122837



wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4012.353693
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.919872402
wavelet-LLL	glszm	GrayLevelVariance	452.1771916
wavelet-LLL	glszm	ZoneVariance	7.766274811
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016141895
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.754031782
wavelet-LLL	glszm	SizeZoneNonUniformity	277.4836957
wavelet-LLL	glszm	GrayLevelNonUniformity	5.940217391
wavelet-LLL	glszm	LargeAreaEmphasis	10
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2809.751962
wavelet-LLL	glszm	ZonePercentage	0.669090909
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006716755
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	57129.8125
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3326.652174
wavelet-LLL	glszm	SmallAreaEmphasis	0.887889615
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.005142667
wavelet-LLL	glszm	ZoneEntropy	6.592582952
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005103209
wavelet-LLL	ngtdm	Coarseness	0.008719326
wavelet-LLL	ngtdm	Complexity	30126.75559
wavelet-LLL	ngtdm	Strength	31.66998309
wavelet-LLL	ngtdm	Contrast	1.589610097
wavelet-LLL	ngtdm	Busyness	0.019328067
wavelet-HHL	gldm	GrayLevelVariance	17.66355372
wavelet-HHL	gldm	HighGrayLevelEmphasis	261.3072727
wavelet-HHL	gldm	DependenceEntropy	6.341748113
wavelet-HHL	gldm	DependenceNonUniformity	82.43636364
wavelet-HHL	gldm	GrayLevelNonUniformity	53.51272727
wavelet-HHL	gldm	SmallDependenceEmphasis	0.329307926
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	100.0855063
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.149884298
wavelet-HHL	gldm	LargeDependenceEmphasis	27.20727273
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.124751562
wavelet-HHL	gldm	DependenceVariance	11.38134215
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	6375.881818
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004853186
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.00828574
wavelet-HHL	glcm	JointAverage	15.61572477
wavelet-HHL	glcm	SumAverage	31.23144954
wavelet-HHL	glcm	JointEntropy	6.949035413
wavelet-HHL	glcm	ClusterShade	67.10425053
wavelet-HHL	glcm	MaximumProbability	0.06657914
wavelet-HHL	glcm	Idmn	0.970832177
wavelet-HHL	glcm	JointEnergy	0.017254375
wavelet-HHL	glcm	Contrast	30.84309904
wavelet-HHL	glcm	DifferenceEntropy	3.432384857
wavelet-HHL	glcm	InverseVariance	0.296960143
wavelet-HHL	glcm	DifferenceVariance	16.60977681
wavelet-HHL	glcm	Idn	0.900371279
wavelet-HHL	glcm	Idm	0.316080743
wavelet-HHL	glcm	Correlation	-0.000969946
wavelet-HHL	glcm	Autocorrelation	243.8890147
wavelet-HHL	glcm	SumEntropy	4.275015737
wavelet-HHL	glcm	SumSquares	15.44660496
wavelet-HHL	glcm	ClusterProminence	5173.997426

wavelet-HHL	glcm	Imc2	0.823007044
wavelet-HHL	glcm	Imc1	-0.152021626
wavelet-HHL	glcm	DifferenceAverage	3.738177363
wavelet-HHL	glcm	Id	0.389109537
wavelet-HHL	glcm	ClusterTendency	30.94332079
wavelet-HHL	firstorder	InterquartileRange	83.48978338
wavelet-HHL	firstorder	Skewness	0.256580487
wavelet-HHL	firstorder	Uniformity	0.097295868
wavelet-HHL	firstorder	Median	-7.295755812
wavelet-HHL	firstorder	Energy	6056381.257
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	39.96260696
wavelet-HHL	firstorder	MeanAbsoluteDeviation	72.3565676
wavelet-HHL	firstorder	TotalEnergy	163522293.9
wavelet-HHL	firstorder	Maximum	351.1356037
wavelet-HHL	firstorder	RootMeanSquared	104.936182
wavelet-HHL	firstorder	90Percentile	140.4710148
wavelet-HHL	firstorder	Minimum	-373.6126143
wavelet-HHL	firstorder	Entropy	3.89918335
wavelet-HHL	firstorder	Range	724.748218
wavelet-HHL	firstorder	Variance	11003.95264
wavelet-HHL	firstorder	10Percentile	-105.3091044
wavelet-HHL	firstorder	Kurtosis	4.760164937
wavelet-HHL	firstorder	Mean	2.76579915
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008387301
wavelet-HHL	glrlm	GrayLevelVariance	19.4476008
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008761405
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.085392893
wavelet-HHL	glrlm	RunVariance	0.17998448
wavelet-HHL	glrlm	GrayLevelNonUniformity	41.5960573
wavelet-HHL	glrlm	LongRunEmphasis	1.457269095
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	245.8802265
wavelet-HHL	glrlm	RunLengthNonUniformity	396.3272984
wavelet-HHL	glrlm	ShortRunEmphasis	0.919984794
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	371.8125238
wavelet-HHL	glrlm	RunPercentage	0.885454545
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01085973
wavelet-HHL	glrlm	RunEntropy	4.488803199
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	264.7473704
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.813248848
wavelet-HHL	glszm	GrayLevelVariance	34.849375
wavelet-HHL	glszm	ZoneVariance	89.2675
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.0515
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.4938
wavelet-HHL	glszm	SizeZoneNonUniformity	98.76
wavelet-HHL	glszm	GrayLevelNonUniformity	10.3
wavelet-HHL	glszm	LargeAreaEmphasis	96.83
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	231.3302198
wavelet-HHL	glszm	ZonePercentage	0.363636364
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.444773958
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	22022.935
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	301.355
wavelet-HHL	glszm	SmallAreaEmphasis	0.729755139
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.014133947
wavelet-HHL	glszm	ZoneEntropy	5.61460242
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012353188

wavelet-HHL	ngtdm	Coarseness	0.013995246
wavelet-HHL	ngtdm	Complexity	931.0884747
wavelet-HHL	ngtdm	Strength	3.228647735
wavelet-HHL	ngtdm	Contrast	0.128641899
wavelet-HHL	ngtdm	Busyness	0.128763253
wavelet-HLH	gldm	GrayLevelVariance	26.04793388
wavelet-HLH	gldm	HighGrayLevelEmphasis	452.6581818
wavelet-HLH	gldm	DependenceEntropy	6.475899878
wavelet-HLH	gldm	DependenceNonUniformity	97.59272727
wavelet-HLH	gldm	GrayLevelNonUniformity	43.30909091
wavelet-HLH	gldm	SmallDependenceEmphasis	0.389819953
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	186.7302872
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.177441322
wavelet-HLH	gldm	LargeDependenceEmphasis	22.6
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.059016826
wavelet-HLH	gldm	DependenceVariance	9.978128926
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	9312.138182
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003355982
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.004929491
wavelet-HLH	glcm	JointAverage	20.72405111
wavelet-HLH	glcm	SumAverage	41.44810223
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wavelet-HLH	glcm	ClusterShade	68.79287427
wavelet-HLH	glcm	MaximumProbability	0.061637768
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wavelet-HLH	glcm	JointEnergy	0.01310791
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wavelet-HLH	glcm	DifferenceEntropy	3.67784319
wavelet-HLH	glcm	InverseVariance	0.266398385
wavelet-HLH	glcm	DifferenceVariance	23.98619555
wavelet-HLH	glcm	Idn	0.900718007
wavelet-HLH	glcm	Idm	0.279112369
wavelet-HLH	glcm	Correlation	0.011940761
wavelet-HLH	glcm	Autocorrelation	429.8480255
wavelet-HLH	glcm	SumEntropy	4.58250195
wavelet-HLH	glcm	SumSquares	22.99881486
wavelet-HLH	glcm	ClusterProminence	10732.92093
wavelet-HLH	glcm	Imc2	0.87236569
wavelet-HLH	glcm	Imc1	-0.178000961
wavelet-HLH	glcm	DifferenceAverage	4.576895922
wavelet-HLH	glcm	Id	0.354411604
wavelet-HLH	glcm	ClusterTendency	46.67131591
wavelet-HLH	firstorder	InterquartileRange	116.0845775
wavelet-HLH	firstorder	Skewness	0.147205169
wavelet-HLH	firstorder	Uniformity	0.078743802
wavelet-HLH	firstorder	Median	-8.238608914
wavelet-HLH	firstorder	Energy	8952835.361
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	52.15437674
wavelet-HLH	firstorder	MeanAbsoluteDeviation	90.5591782
wavelet-HLH	firstorder	TotalEnergy	241726554.8
wavelet-HLH	firstorder	Maximum	404.3703006
wavelet-HLH	firstorder	RootMeanSquared	127.584805
wavelet-HLH	firstorder	90Percentile	172.0863266
wavelet-HLH	firstorder	Minimum	-487.8138831
wavelet-HLH	firstorder	Entropy	4.190856343

wavelet-HLH	firstorder	Range	892.1841837
wavelet-HLH	firstorder	Variance	16264.66438
wavelet-HLH	firstorder	10Percentile	-132.8257165
wavelet-HLH	firstorder	Kurtosis	4.367820797
wavelet-HLH	firstorder	Mean	3.635669758
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005021473
wavelet-HLH	glrlm	GrayLevelVariance	28.2446391
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.005192743
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.068845223
wavelet-HLH	glrlm	RunVariance	0.153084792
wavelet-HLH	glrlm	GrayLevelNonUniformity	34.16387501
wavelet-HLH	glrlm	LongRunEmphasis	1.385317561
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	428.0451791
wavelet-HLH	glrlm	RunLengthNonUniformity	416.8830028
wavelet-HLH	glrlm	ShortRunEmphasis	0.932361635
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	617.0973088
wavelet-HLH	glrlm	RunPercentage	0.901818182
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.006165773
wavelet-HLH	glrlm	RunEntropy	4.693690733
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	456.4400578
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.839838977
wavelet-HLH	glszm	GrayLevelVariance	46.62372522
wavelet-HLH	glszm	ZoneVariance	52.04330652
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.04567653
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.548226084
wavelet-HLH	glszm	SizeZoneNonUniformity	129.3813559
wavelet-HLH	glszm	GrayLevelNonUniformity	10.77966102
wavelet-HLH	glszm	LargeAreaEmphasis	57.47457627
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	370.2131249
wavelet-HLH	glszm	ZonePercentage	0.429090909
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.148986625
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	23434.07627
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	481.0635593
wavelet-HLH	glszm	SmallAreaEmphasis	0.767396417
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.008075469
wavelet-HLH	glszm	ZoneEntropy	5.70584196
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007454084
wavelet-HLH	ngtdm	Coarseness	0.013632404
wavelet-HLH	ngtdm	Complexity	1608.410379
wavelet-HLH	ngtdm	Strength	4.42200622
wavelet-HLH	ngtdm	Contrast	0.167431982
wavelet-HLH	ngtdm	Busyness	0.087263481

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	56
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	91
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original	shape	Sphericity	0.88996661
original	shape	MinorAxis	15.0332627
original	shape	Elongation	0.849763562
original	shape	SurfaceVolumeRatio	0.402694186
original	shape	Volume	2457
original	shape	MajorAxis	17.69111241
original	shape	SurfaceArea	989.4196152
original	shape	Flatness	0.766313213
original	shape	LeastAxis	13.5569332
original	shape	Maximum2DDiameterColumn	16.97056275
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original	gldm	GrayLevelVariance	58.92935636
original	gldm	HighGrayLevelEmphasis	447.5824176
original	gldm	DependenceEntropy	5.504671426
original	gldm	DependenceNonUniformity	27.57142857
original	gldm	GrayLevelNonUniformity	4.824175824
original	gldm	SmallDependenceEmphasis	0.540034823
original	gldm	SmallDependenceHighGrayLevelEmphasis	187.9645803
original	gldm	DependenceNonUniformityNormalized	0.302982732
original	gldm	LargeDependenceEmphasis	7.285714286
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.032876907
original	gldm	DependenceVariance	2.503562372
original	gldm	LargeDependenceHighGrayLevelEmphasis	4973.120879
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014365511

original	gldm	LowGrayLevelEmphasis	0.016903203
original	glcm	JointAverage	21.51113495
original	glcm	SumAverage	43.02226991
original	glcm	JointEntropy	6.394346338
original	glcm	ClusterShade	-1211.663906
original	glcm	MaximumProbability	0.038760813
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original	glcm	JointEnergy	0.013617969
original	glcm	Contrast	71.3690936
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original	glcm	InverseVariance	0.169549167
original	glcm	DifferenceVariance	28.42752913
original	glcm	ldn	0.843519108
original	glcm	ldm	0.178304272
original	glcm	Correlation	0.314497269
original	glcm	Autocorrelation	479.8677349
original	glcm	SumEntropy	4.710577784
original	glcm	SumSquares	52.73385968
original	glcm	ClusterProminence	56071.34055
original	glcm	lmc2	0.992757245
original	glcm	lmc1	-0.499940328
original	glcm	DifferenceAverage	6.461330458
original	glcm	ld	0.262339303
original	glcm	ClusterTendency	139.5663451
original	firstorder	InterquartileRange	308
original	firstorder	Skewness	-0.536502694
original	firstorder	Uniformity	0.053012921
original	firstorder	Median	-177
original	firstorder	Energy	6744175
original	firstorder	RobustMeanAbsoluteDeviation	125.7770689
original	firstorder	MeanAbsoluteDeviation	161.1373023
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original	firstorder	RootMeanSquared	272.2348493
original	firstorder	90Percentile	22
original	firstorder	Minimum	-659
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original	glrlm	GrayLevelVariance	58.53519479
original	glrlm	LowGrayLevelRunEmphasis	0.017549527
original	glrlm	GrayLevelNonUniformityNormalized	0.050757528
original	glrlm	RunVariance	0.047281001
original	glrlm	GrayLevelNonUniformity	4.409321664
original	glrlm	LongRunEmphasis	1.146241019
original	glrlm	ShortRunHighGrayLevelEmphasis	413.4922309
original	glrlm	RunLengthNonUniformity	79.12657651
original	glrlm	ShortRunEmphasis	0.964433583
original	glrlm	LongRunHighGrayLevelEmphasis	534.616488

original	glrlm	RunPercentage	0.954353339
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original	glrlm	RunEntropy	4.635308215
original	glrlm	HighGrayLevelRunEmphasis	437.093747
original	glrlm	RunLengthNonUniformityNormalized	0.910555108
original	glszm	GrayLevelVariance	52.90446281
original	glszm	ZoneVariance	2.95338843
original	glszm	GrayLevelNonUniformityNormalized	0.04661157
original	glszm	SizeZoneNonUniformityNormalized	0.579504132
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original	glszm	GrayLevelNonUniformity	2.563636364
original	glszm	LargeAreaEmphasis	5.690909091
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original	glszm	HighGrayLevelZoneEmphasis	352.5090909
original	glszm	SmallAreaEmphasis	0.78802132
original	glszm	LowGrayLevelZoneEmphasis	0.024937796
original	glszm	ZoneEntropy	4.962822441
original	glszm	SmallAreaLowGrayLevelEmphasis	0.023088912
original	ngtdm	Coarseness	0.04945409
original	ngtdm	Complexity	1341.077954
original	ngtdm	Strength	16.64477736
original	ngtdm	Contrast	0.852298099
original	ngtdm	Busyness	0.041191137
wavelet-HHH	gldm	GrayLevelVariance	7.942035986
wavelet-HHH	gldm	HighGrayLevelEmphasis	97.87912088
wavelet-HHH	gldm	DependenceEntropy	4.793930845
wavelet-HHH	gldm	DependenceNonUniformity	24.03296703
wavelet-HHH	gldm	GrayLevelNonUniformity	9.901098901
wavelet-HHH	gldm	SmallDependenceEmphasis	0.481480464
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	47.06506105
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.264098539
wavelet-HHH	gldm	LargeDependenceEmphasis	6.714285714
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.088102218
wavelet-HHH	gldm	DependenceVariance	1.63941553
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	673.5274725
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019622721
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025688126
wavelet-HHH	glcm	JointAverage	9.519672672
wavelet-HHH	glcm	SumAverage	19.03934534
wavelet-HHH	glcm	JointEntropy	5.875625741
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wavelet-HHH	glcm	MaximumProbability	0.048410768
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wavelet-HHH	glcm	JointEnergy	0.02005871
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wavelet-HHH	glcm	Correlation	-0.030688813
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wavelet-HHH	glcm	ClusterProminence	919.7547474
wavelet-HHH	glcm	Imc2	0.928545154
wavelet-HHH	glcm	Imc1	-0.292658697
wavelet-HHH	glcm	DifferenceAverage	3.278641816
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wavelet-HHH	glcm	ClusterTendency	16.31145104
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wavelet-HHH	firstorder	Uniformity	0.108803285
wavelet-HHH	firstorder	Median	4.065513537
wavelet-HHH	firstorder	Energy	464484.0546
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	40.22332373
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wavelet-HHH	firstorder	TotalEnergy	12541069.47
wavelet-HHH	firstorder	Maximum	181.7941692
wavelet-HHH	firstorder	RootMeanSquared	71.44382675
wavelet-HHH	firstorder	90Percentile	81.9859238
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wavelet-HHH	firstorder	Entropy	3.428686183
wavelet-HHH	firstorder	Range	387.5485466
wavelet-HHH	firstorder	Variance	5102.672982
wavelet-HHH	firstorder	10Percentile	-99.24059903
wavelet-HHH	firstorder	Kurtosis	2.946025461
wavelet-HHH	firstorder	Mean	-1.243944398
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.026008257
wavelet-HHH	glrlm	GrayLevelVariance	8.223017294
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026430592
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.106007164
wavelet-HHH	glrlm	RunVariance	0.0498229
wavelet-HHH	glrlm	GrayLevelNonUniformity	9.183117096
wavelet-HHH	glrlm	LongRunEmphasis	1.155024495
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	93.99295109
wavelet-HHH	glrlm	RunLengthNonUniformity	78.49151042
wavelet-HHH	glrlm	ShortRunEmphasis	0.962261377
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	113.3297402
wavelet-HHH	glrlm	RunPercentage	0.951817413
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.028153571
wavelet-HHH	glrlm	RunEntropy	3.655976579
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	97.76181481
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.905456241
wavelet-HHH	glszm	GrayLevelVariance	12.62200091
wavelet-HHH	glszm	ZoneVariance	5.251244907
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.083748302
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.596197374
wavelet-HHH	glszm	SizeZoneNonUniformity	28.0212766
wavelet-HHH	glszm	GrayLevelNonUniformity	3.936170213
wavelet-HHH	glszm	LargeAreaEmphasis	9
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	77.73788416
wavelet-HHH	glszm	ZonePercentage	0.516483516



wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.121222399
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	951.5957447
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	95.93617021
wavelet-HHH	glszm	SmallAreaEmphasis	0.790636492
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.039044864
wavelet-HHH	glszm	ZoneEntropy	4.35801798
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.036210889
wavelet-HHH	ngtdm	Coarseness	0.061992864
wavelet-HHH	ngtdm	Complexity	173.6321889
wavelet-HHH	ngtdm	Strength	3.564501526
wavelet-HHH	ngtdm	Contrast	0.205917177
wavelet-HHH	ngtdm	Busyness	0.139138474
wavelet-HLL	gldm	GrayLevelVariance	52.38497766
wavelet-HLL	gldm	HighGrayLevelEmphasis	212.0879121
wavelet-HLL	gldm	DependenceEntropy	5.393683893
wavelet-HLL	gldm	DependenceNonUniformity	27.98901099
wavelet-HLL	gldm	GrayLevelNonUniformity	4.736263736
wavelet-HLL	gldm	SmallDependenceEmphasis	0.521083639
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	113.7966178
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.307571549
wavelet-HLL	gldm	LargeDependenceEmphasis	5.373626374
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.093316199
wavelet-HLL	gldm	DependenceVariance	1.329549571
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1149.516484
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.022524902
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.030716226
wavelet-HLL	glcm	JointAverage	12.1847551
wavelet-HLL	glcm	SumAverage	24.3695102
wavelet-HLL	glcm	JointEntropy	6.439603788
wavelet-HLL	glcm	ClusterShade	1464.389328
wavelet-HLL	glcm	MaximumProbability	0.028967206
wavelet-HLL	glcm	Idmn	0.942043531
wavelet-HLL	glcm	JointEnergy	0.012563327
wavelet-HLL	glcm	Contrast	61.32907854
wavelet-HLL	glcm	DifferenceEntropy	3.651219372
wavelet-HLL	glcm	InverseVariance	0.17877494
wavelet-HLL	glcm	DifferenceVariance	25.45505028
wavelet-HLL	glcm	Idn	0.848404676
wavelet-HLL	glcm	Idm	0.173995493
wavelet-HLL	glcm	Correlation	0.411241032
wavelet-HLL	glcm	Autocorrelation	170.2964787
wavelet-HLL	glcm	SumEntropy	4.683919534
wavelet-HLL	glcm	SumSquares	52.34869755
wavelet-HLL	glcm	ClusterProminence	61982.73889
wavelet-HLL	glcm	Imc2	0.994395753
wavelet-HLL	glcm	Imc1	-0.521324924
wavelet-HLL	glcm	DifferenceAverage	5.842725117
wavelet-HLL	glcm	Id	0.264883211
wavelet-HLL	glcm	ClusterTendency	148.0657117
wavelet-HLL	firstorder	InterquartileRange	253.013789
wavelet-HLL	firstorder	Skewness	0.642621641
wavelet-HLL	firstorder	Uniformity	0.052046854
wavelet-HLL	firstorder	Median	-121.1223076

wavelet-HLL	firstorder	Energy	3408401.353
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	110.4985988
wavelet-HLL	firstorder	MeanAbsoluteDeviation	149.199557
wavelet-HLL	firstorder	TotalEnergy	92026836.54
wavelet-HLL	firstorder	Maximum	345.6994752
wavelet-HLL	firstorder	RootMeanSquared	193.5328394
wavelet-HLL	firstorder	90Percentile	217.0418214
wavelet-HLL	firstorder	Minimum	-354.1762696
wavelet-HLL	firstorder	Entropy	4.471812295
wavelet-HLL	firstorder	Range	699.8757448
wavelet-HLL	firstorder	Variance	32499.30999
wavelet-HLL	firstorder	10Percentile	-278.3128697
wavelet-HLL	firstorder	Kurtosis	2.425556052
wavelet-HLL	firstorder	Mean	-70.39637733
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.030877872
wavelet-HLL	grlm	GrayLevelVariance	52.28410655
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.031346715
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.051267514
wavelet-HLL	grlm	RunVariance	0.040595193
wavelet-HLL	grlm	GrayLevelNonUniformity	4.484838494
wavelet-HLL	grlm	LongRunEmphasis	1.124923505
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	205.6453573
wavelet-HLL	grlm	RunLengthNonUniformity	80.8888564
wavelet-HLL	grlm	ShortRunEmphasis	0.969798884
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	238.5175076
wavelet-HLL	grlm	RunPercentage	0.961115807
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.03324646
wavelet-HLL	grlm	RunEntropy	4.603973901
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	212.0805638
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.923901342
wavelet-HLL	glszm	GrayLevelVariance	53.62446281
wavelet-HLL	glszm	ZoneVariance	1.680661157
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.045289256
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.509421488
wavelet-HLL	glszm	SizeZoneNonUniformity	28.01818182
wavelet-HLL	glszm	GrayLevelNonUniformity	2.490909091
wavelet-HLL	glszm	LargeAreaEmphasis	4.418181818
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	166.318788
wavelet-HLL	glszm	ZonePercentage	0.604395604
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.089078547
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	888.8363636
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	219.8
wavelet-HLL	glszm	SmallAreaEmphasis	0.741754896
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.040144272
wavelet-HLL	glszm	ZoneEntropy	5.07191335
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.035104693
wavelet-HLL	ngtdm	Coarseness	0.062181214
wavelet-HLL	ngtdm	Complexity	1172.421503
wavelet-HLL	ngtdm	Strength	18.42912927
wavelet-HLL	ngtdm	Contrast	0.599058434
wavelet-HLL	ngtdm	Busyness	0.065368256
wavelet-LHL	gldm	GrayLevelVariance	59.61188262
wavelet-LHL	gldm	HighGrayLevelEmphasis	945.1648352

wavelet-LHL	gldm	DependenceEntropy	5.526649448
wavelet-LHL	gldm	DependenceNonUniformity	29.50549451
wavelet-LHL	gldm	GrayLevelNonUniformity	4.384615385
wavelet-LHL	gldm	SmallDependenceEmphasis	0.500973748
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	504.6479518
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.324236203
wavelet-LHL	gldm	LargeDependenceEmphasis	4.516483516
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017158498
wavelet-LHL	gldm	DependenceVariance	0.818258664
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3892.769231
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011590341
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.012266632
wavelet-LHL	glcm	JointAverage	29.21864813
wavelet-LHL	glcm	SumAverage	58.43729626
wavelet-LHL	glcm	JointEntropy	6.465803121
wavelet-LHL	glcm	ClusterShade	744.1221502
wavelet-LHL	glcm	MaximumProbability	0.028315252
wavelet-LHL	glcm	ldmn	0.972796419
wavelet-LHL	glcm	JointEnergy	0.012301172
wavelet-LHL	glcm	Contrast	69.06474757
wavelet-LHL	glcm	DifferenceEntropy	3.785568046
wavelet-LHL	glcm	InverseVariance	0.142777529
wavelet-LHL	glcm	DifferenceVariance	25.70050284
wavelet-LHL	glcm	ldn	0.888641014
wavelet-LHL	glcm	ldm	0.146712414
wavelet-LHL	glcm	Correlation	0.289329878
wavelet-LHL	glcm	Autocorrelation	868.6401266
wavelet-LHL	glcm	SumEntropy	4.679892433
wavelet-LHL	glcm	SumSquares	49.26069414
wavelet-LHL	glcm	ClusterProminence	49931.35296
wavelet-LHL	glcm	lmc2	0.995851041
wavelet-LHL	glcm	lmc1	-0.543503384
wavelet-LHL	glcm	DifferenceAverage	6.466478722
wavelet-LHL	glcm	ld	0.238385925
wavelet-LHL	glcm	ClusterTendency	127.978029
wavelet-LHL	firstorder	InterquartileRange	238.3683414
wavelet-LHL	firstorder	Skewness	0.063470891
wavelet-LHL	firstorder	Uniformity	0.048182587
wavelet-LHL	firstorder	Median	-45.08504377
wavelet-LHL	firstorder	Energy	3444686.606
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	106.3364201
wavelet-LHL	firstorder	MeanAbsoluteDeviation	152.0150034
wavelet-LHL	firstorder	TotalEnergy	93006538.36
wavelet-LHL	firstorder	Maximum	431.1899488
wavelet-LHL	firstorder	RootMeanSquared	194.5602708
wavelet-LHL	firstorder	90Percentile	273.1741792
wavelet-LHL	firstorder	Minimum	-731.6675433
wavelet-LHL	firstorder	Entropy	4.580780943
wavelet-LHL	firstorder	Range	1162.857492
wavelet-LHL	firstorder	Variance	37529.53927
wavelet-LHL	firstorder	10Percentile	-213.8815396
wavelet-LHL	firstorder	Kurtosis	4.061136915
wavelet-LHL	firstorder	Mean	-18.00443564

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.012643795
wavelet-LHL	grlm	GrayLevelVariance	60.34529422
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.012680924
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.047708519
wavelet-LHL	grlm	RunVariance	0.040783852
wavelet-LHL	grlm	GrayLevelNonUniformity	4.188088059
wavelet-LHL	grlm	LongRunEmphasis	1.11969078
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	925.5963364
wavelet-LHL	grlm	RunLengthNonUniformity	82.14035168
wavelet-LHL	grlm	ShortRunEmphasis	0.973142356
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1050.536286
wavelet-LHL	grlm	RunPercentage	0.964497041
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.01284605
wavelet-LHL	grlm	RunEntropy	4.694937027
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	948.6319788
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.933860207
wavelet-LHL	glszm	GrayLevelVariance	71.97959184
wavelet-LHL	glszm	ZoneVariance	1.091517857
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.041454082
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.453443878
wavelet-LHL	glszm	SizeZoneNonUniformity	25.39285714
wavelet-LHL	glszm	GrayLevelNonUniformity	2.321428571
wavelet-LHL	glszm	LargeAreaEmphasis	3.732142857
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	714.3973264
wavelet-LHL	glszm	ZonePercentage	0.615384615
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.022844648
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3264.892857
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	993.5357143
wavelet-LHL	glszm	SmallAreaEmphasis	0.695282738
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.019082804
wavelet-LHL	glszm	ZoneEntropy	5.436731931
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018675844
wavelet-LHL	ngtdm	Coarseness	0.067097517
wavelet-LHL	ngtdm	Complexity	1622.30336
wavelet-LHL	ngtdm	Strength	24.72207906
wavelet-LHL	ngtdm	Contrast	0.653378791
wavelet-LHL	ngtdm	Busyness	0.027743945
wavelet-LHH	gldm	GrayLevelVariance	29.80340539
wavelet-LHH	gldm	HighGrayLevelEmphasis	235.1428571
wavelet-LHH	gldm	DependenceEntropy	5.32884725
wavelet-LHH	gldm	DependenceNonUniformity	26.05494505
wavelet-LHH	gldm	GrayLevelNonUniformity	6.67032967
wavelet-LHH	gldm	SmallDependenceEmphasis	0.511736874
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	125.8463004
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.286318078
wavelet-LHH	gldm	LargeDependenceEmphasis	5.857142857
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.049915697
wavelet-LHH	gldm	DependenceVariance	1.451757034
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1278.087912
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018657226
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.022048373
wavelet-LHH	glcm	JointAverage	14.26540654
wavelet-LHH	glcm	SumAverage	28.53081308

wavelet-LHH	glcm	JointEntropy	6.200714418
wavelet-LHH	glcm	ClusterShade	-25.26864322
wavelet-LHH	glcm	MaximumProbability	0.038883958
wavelet-LHH	glcm	Idmn	0.951369737
wavelet-LHH	glcm	JointEnergy	0.015667635
wavelet-LHH	glcm	Contrast	51.49864847
wavelet-LHH	glcm	DifferenceEntropy	3.469979644
wavelet-LHH	glcm	InverseVariance	0.238526692
wavelet-LHH	glcm	DifferenceVariance	23.7327617
wavelet-LHH	glcm	Idn	0.865425757
wavelet-LHH	glcm	Idm	0.212562262
wavelet-LHH	glcm	Correlation	0.030110959
wavelet-LHH	glcm	Autocorrelation	204.4306733
wavelet-LHH	glcm	SumEntropy	4.210895949
wavelet-LHH	glcm	SumSquares	26.60368404
wavelet-LHH	glcm	ClusterProminence	13885.81866
wavelet-LHH	glcm	Imc2	0.98719327
wavelet-LHH	glcm	Imc1	-0.459636012
wavelet-LHH	glcm	DifferenceAverage	5.120425034
wavelet-LHH	glcm	Id	0.298173478
wavelet-LHH	glcm	ClusterTendency	54.91608769
wavelet-LHH	firstorder	InterquartileRange	123.124496
wavelet-LHH	firstorder	Skewness	0.182219991
wavelet-LHH	firstorder	Uniformity	0.073300326
wavelet-LHH	firstorder	Median	-3.612598096
wavelet-LHH	firstorder	Energy	1709632.547
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	56.02278478
wavelet-LHH	firstorder	MeanAbsoluteDeviation	97.09431068
wavelet-LHH	firstorder	TotalEnergy	46160078.78
wavelet-LHH	firstorder	Maximum	372.6351217
wavelet-LHH	firstorder	RootMeanSquared	137.0663009
wavelet-LHH	firstorder	90Percentile	166.7271248
wavelet-LHH	firstorder	Minimum	-340.8016736
wavelet-LHH	firstorder	Entropy	4.129380873
wavelet-LHH	firstorder	Range	713.4367953
wavelet-LHH	firstorder	Variance	18775.77497
wavelet-LHH	firstorder	10Percentile	-190.8116824
wavelet-LHH	firstorder	Kurtosis	3.851958426
wavelet-LHH	firstorder	Mean	-3.375779075
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.022557693
wavelet-LHH	grlm	GrayLevelVariance	30.73058493
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.022756942
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.070779816
wavelet-LHH	grlm	RunVariance	0.045670011
wavelet-LHH	grlm	GrayLevelNonUniformity	6.170184545
wavelet-LHH	grlm	LongRunEmphasis	1.137061076
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	228.9026577
wavelet-LHH	grlm	RunLengthNonUniformity	80.14541754
wavelet-LHH	grlm	ShortRunEmphasis	0.96769982
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	265.7128217
wavelet-LHH	grlm	RunPercentage	0.957734573
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.023592635
wavelet-LHH	grlm	RunEntropy	4.326874969

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	235.9314114
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.918902646
wavelet-LHH	glszm	GrayLevelVariance	44.6212995
wavelet-LHH	glszm	ZoneVariance	4.051518647
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048058439
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.574778931
wavelet-LHH	glszm	SizeZoneNonUniformity	29.31372549
wavelet-LHH	glszm	GrayLevelNonUniformity	2.450980392
wavelet-LHH	glszm	LargeAreaEmphasis	7.235294118
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	195.2579316
wavelet-LHH	glszm	ZonePercentage	0.56043956
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.068803045
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1558.666667
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	247.8235294
wavelet-LHH	glszm	SmallAreaEmphasis	0.782577614
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.034268816
wavelet-LHH	glszm	ZoneEntropy	4.99095696
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.032341778
wavelet-LHH	ngtdm	Coarseness	0.067857196
wavelet-LHH	ngtdm	Complexity	899.5451471
wavelet-LHH	ngtdm	Strength	11.87785996
wavelet-LHH	ngtdm	Contrast	0.413829908
wavelet-LHH	ngtdm	Busyness	0.043048651
wavelet-LLH	gldm	GrayLevelVariance	94.74846033
wavelet-LLH	gldm	HighGrayLevelEmphasis	988.8241758
wavelet-LLH	gldm	DependenceEntropy	5.485601783
wavelet-LLH	gldm	DependenceNonUniformity	31.87912088
wavelet-LLH	gldm	GrayLevelNonUniformity	3.879120879
wavelet-LLH	gldm	SmallDependenceEmphasis	0.592014652
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	666.6298657
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.35032001
wavelet-LLH	gldm	LargeDependenceEmphasis	4.428571429
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017920229
wavelet-LLH	gldm	DependenceVariance	1.060741456
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3392.472527
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011789933
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012430314
wavelet-LLH	glcm	JointAverage	30.0303913
wavelet-LLH	glcm	SumAverage	60.06078261
wavelet-LLH	glcm	JointEntropy	6.581252005
wavelet-LLH	glcm	ClusterShade	1601.847528
wavelet-LLH	glcm	MaximumProbability	0.025540807
wavelet-LLH	glcm	ldmn	0.959255414
wavelet-LLH	glcm	JointEnergy	0.011074081
wavelet-LLH	glcm	Contrast	131.375612
wavelet-LLH	glcm	DifferenceEntropy	4.09221996
wavelet-LLH	glcm	InverseVariance	0.133255058
wavelet-LLH	glcm	DifferenceVariance	54.12585665
wavelet-LLH	glcm	ldn	0.871803476
wavelet-LLH	glcm	ldm	0.136015721
wavelet-LLH	glcm	Correlation	0.241953724
wavelet-LLH	glcm	Autocorrelation	923.1592197
wavelet-LLH	glcm	SumEntropy	4.943200678

wavelet-LLH	glcm	SumSquares	86.93803856
wavelet-LLH	glcm	ClusterProminence	124874.9009
wavelet-LLH	glcm	Imc2	0.998215021
wavelet-LLH	glcm	Imc1	-0.601974805
wavelet-LLH	glcm	DifferenceAverage	8.485076792
wavelet-LLH	glcm	Id	0.219503196
wavelet-LLH	glcm	ClusterTendency	216.3765423
wavelet-LLH	firstorder	InterquartileRange	343.6472918
wavelet-LLH	firstorder	Skewness	0.239930673
wavelet-LLH	firstorder	Uniformity	0.042627702
wavelet-LLH	firstorder	Median	-47.32414491
wavelet-LLH	firstorder	Energy	5323763.658
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	144.7405651
wavelet-LLH	firstorder	MeanAbsoluteDeviation	198.7552207
wavelet-LLH	firstorder	TotalEnergy	143741618.8
wavelet-LLH	firstorder	Maximum	552.3308945
wavelet-LLH	firstorder	RootMeanSquared	241.8737219
wavelet-LLH	firstorder	90Percentile	371.4121283
wavelet-LLH	firstorder	Minimum	-710.0906371
wavelet-LLH	firstorder	Entropy	4.828310162
wavelet-LLH	firstorder	Range	1262.421532
wavelet-LLH	firstorder	Variance	58397.64218
wavelet-LLH	firstorder	10Percentile	-269.313995
wavelet-LLH	firstorder	Kurtosis	2.852808536
wavelet-LLH	firstorder	Mean	10.25939387
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.01275379
wavelet-LLH	glrlm	GrayLevelVariance	96.40813556
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.012792878
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041355099
wavelet-LLH	glrlm	RunVariance	0.033806596
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.643035543
wavelet-LLH	glrlm	LongRunEmphasis	1.102083935
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	979.4201938
wavelet-LLH	glrlm	RunLengthNonUniformity	82.6150035
wavelet-LLH	glrlm	ShortRunEmphasis	0.975450267
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1072.033493
wavelet-LLH	glrlm	RunPercentage	0.967878276
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012954977
wavelet-LLH	glrlm	RunEntropy	4.949811899
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	997.4176011
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.937512364
wavelet-LLH	glszm	GrayLevelVariance	116.5163889
wavelet-LLH	glszm	ZoneVariance	1.849722222
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033333333
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.611666667
wavelet-LLH	glszm	SizeZoneNonUniformity	36.7
wavelet-LLH	glszm	GrayLevelNonUniformity	2
wavelet-LLH	glszm	LargeAreaEmphasis	4.15
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	937.9510231
wavelet-LLH	glszm	ZonePercentage	0.659340659
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.02308672
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3280.65
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1107.716667

wavelet-LLH	glszm	SmallAreaEmphasis	0.808395576
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.018037683
wavelet-LLH	glszm	ZoneEntropy	5.315061012
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017741444
wavelet-LLH	ngtdm	Coarseness	0.054198699
wavelet-LLH	ngtdm	Complexity	3323.396314
wavelet-LLH	ngtdm	Strength	29.89244793
wavelet-LLH	ngtdm	Contrast	0.99522155
wavelet-LLH	ngtdm	Busyness	0.026852084
wavelet-LLL	gldm	GrayLevelVariance	370.8619732
wavelet-LLL	gldm	HighGrayLevelEmphasis	2163.593407
wavelet-LLL	gldm	DependenceEntropy	5.784998624
wavelet-LLL	gldm	DependenceNonUniformity	51.43956044
wavelet-LLL	gldm	GrayLevelNonUniformity	2.054945055
wavelet-LLL	gldm	SmallDependenceEmphasis	0.772893773
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1638.313187
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.565269895
wavelet-LLL	gldm	LargeDependenceEmphasis	2.054945055
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015300442
wavelet-LLL	gldm	DependenceVariance	0.286921869
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5156.142857
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014059915
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.014303204
wavelet-LLL	glcm	JointAverage	47.59604772
wavelet-LLL	glcm	SumAverage	95.19209543
wavelet-LLL	glcm	JointEntropy	6.730238185
wavelet-LLL	glcm	ClusterShade	-7382.254355
wavelet-LLL	glcm	MaximumProbability	0.014755929
wavelet-LLL	glcm	ldmn	0.934815985
wavelet-LLL	glcm	JointEnergy	0.009593411
wavelet-LLL	glcm	Contrast	479.264849
wavelet-LLL	glcm	DifferenceEntropy	4.696801323
wavelet-LLL	glcm	InverseVariance	0.04937718
wavelet-LLL	glcm	DifferenceVariance	151.9507282
wavelet-LLL	glcm	ldn	0.829643554
wavelet-LLL	glcm	ldm	0.05362505
wavelet-LLL	glcm	Correlation	0.350173721
wavelet-LLL	glcm	Autocorrelation	2399.181169
wavelet-LLL	glcm	SumEntropy	5.299291947
wavelet-LLL	glcm	SumSquares	372.6511325
wavelet-LLL	glcm	ClusterProminence	2624132.502
wavelet-LLL	glcm	lmc2	0.999902071
wavelet-LLL	glcm	lmc1	-0.777367691
wavelet-LLL	glcm	DifferenceAverage	17.80131804
wavelet-LLL	glcm	ld	0.117474592
wavelet-LLL	glcm	ClusterTendency	1011.339681
wavelet-LLL	firstorder	InterquartileRange	602.5832511
wavelet-LLL	firstorder	Skewness	-0.008024673
wavelet-LLL	firstorder	Uniformity	0.022581814
wavelet-LLL	firstorder	Median	-701.8469864
wavelet-LLL	firstorder	Energy	60048569.06
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	277.3768239
wavelet-LLL	firstorder	MeanAbsoluteDeviation	388.4106668



wavelet-LLL	firstorder	TotalEnergy	1621311364
wavelet-LLL	firstorder	Maximum	252.68055
wavelet-LLL	firstorder	RootMeanSquared	812.3265262
wavelet-LLL	firstorder	90Percentile	58.85361775
wavelet-LLL	firstorder	Minimum	-1676.801628
wavelet-LLL	firstorder	Entropy	5.633631178
wavelet-LLL	firstorder	Range	1929.482178
wavelet-LLL	firstorder	Variance	231049.2366
wavelet-LLL	firstorder	10Percentile	-1278.753356
wavelet-LLL	firstorder	Kurtosis	2.424889772
wavelet-LLL	firstorder	Mean	-654.847424
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.014467875
wavelet-LLL	grlm	GrayLevelVariance	369.8892396
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.014477702
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.022577077
wavelet-LLL	grlm	RunVariance	0.012660374
wavelet-LLL	grlm	GrayLevelNonUniformity	2.028519895
wavelet-LLL	grlm	LongRunEmphasis	1.039347907
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2131.983801
wavelet-LLL	grlm	RunLengthNonUniformity	87.6178756
wavelet-LLL	grlm	ShortRunEmphasis	0.990163023
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2260.527865
wavelet-LLL	grlm	RunPercentage	0.987320372
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.014517009
wavelet-LLL	grlm	RunEntropy	5.649119869
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2157.692614
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.974679253
wavelet-LLL	glszm	GrayLevelVariance	368.0978243
wavelet-LLL	glszm	ZoneVariance	0.174734357
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.022432113
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.715297689
wavelet-LLL	glszm	SizeZoneNonUniformity	55.07792208
wavelet-LLL	glszm	GrayLevelNonUniformity	1.727272727
wavelet-LLL	glszm	LargeAreaEmphasis	1.571428571
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1850.282468
wavelet-LLL	glszm	ZonePercentage	0.846153846
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017292369
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3577.831169
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2125.558442
wavelet-LLL	glszm	SmallAreaEmphasis	0.871572872
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.01671163
wavelet-LLL	glszm	ZoneEntropy	5.786013164
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016568817
wavelet-LLL	ngtdm	Coarseness	0.048279664
wavelet-LLL	ngtdm	Complexity	17673.38356
wavelet-LLL	ngtdm	Strength	90.53037348
wavelet-LLL	ngtdm	Contrast	2.785263213
wavelet-LLL	ngtdm	Busyness	0.01127371
wavelet-HHL	gldm	GrayLevelVariance	17.12884917
wavelet-HHL	gldm	HighGrayLevelEmphasis	127.7252747
wavelet-HHL	gldm	DependenceEntropy	5.069684514
wavelet-HHL	gldm	DependenceNonUniformity	27.35164835
wavelet-HHL	gldm	GrayLevelNonUniformity	7.285714286

wavelet-HHL	gldm	SmallDependenceEmphasis	0.425518926
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	61.93017399
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.300567564
wavelet-HHL	gldm	LargeDependenceEmphasis	5.263736264
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.078926832
wavelet-HHL	gldm	DependenceVariance	0.858350441
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	598.4285714
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016935166
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024386243
wavelet-HHL	glcm	JointAverage	10.18638536
wavelet-HHL	glcm	SumAverage	20.37277072
wavelet-HHL	glcm	JointEntropy	6.127922774
wavelet-HHL	glcm	ClusterShade	99.57371016
wavelet-HHL	glcm	MaximumProbability	0.036778585
wavelet-HHL	glcm	Idmn	0.959152594
wavelet-HHL	glcm	JointEnergy	0.016325296
wavelet-HHL	glcm	Contrast	29.40555924
wavelet-HHL	glcm	DifferenceEntropy	3.295668461
wavelet-HHL	glcm	InverseVariance	0.212923306
wavelet-HHL	glcm	DifferenceVariance	10.73824076
wavelet-HHL	glcm	Idn	0.865129435
wavelet-HHL	glcm	Idm	0.199993309
wavelet-HHL	glcm	Correlation	-0.012940496
wavelet-HHL	glcm	Autocorrelation	103.7824767
wavelet-HHL	glcm	SumEntropy	3.977060869
wavelet-HHL	glcm	SumSquares	14.68120265
wavelet-HHL	glcm	ClusterProminence	3596.372237
wavelet-HHL	glcm	Imc2	0.968772168
wavelet-HHL	glcm	Imc1	-0.376449311
wavelet-HHL	glcm	DifferenceAverage	4.243560593
wavelet-HHL	glcm	Id	0.296960883
wavelet-HHL	glcm	ClusterTendency	29.31925138
wavelet-HHL	firstorder	InterquartileRange	129.6160897
wavelet-HHL	firstorder	Skewness	0.862236508
wavelet-HHL	firstorder	Uniformity	0.080062794
wavelet-HHL	firstorder	Median	14.92774315
wavelet-HHL	firstorder	Energy	1009093.658
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wavelet-HHL	firstorder	TotalEnergy	27245528.77
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wavelet-HHL	firstorder	Entropy	3.858599616
wavelet-HHL	firstorder	Range	597.5534883
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wavelet-HHL	firstorder	10Percentile	-78.4321026
wavelet-HHL	firstorder	Kurtosis	4.353870259
wavelet-HHL	firstorder	Mean	25.25238596
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024473104
wavelet-HHL	glrlm	GrayLevelVariance	17.50391264
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024904612

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.079352751
wavelet-HHL	grlm	RunVariance	0.043825129
wavelet-HHL	grlm	GrayLevelNonUniformity	6.916105245
wavelet-HHL	grlm	LongRunEmphasis	1.13696021
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	124.7231782
wavelet-HHL	grlm	RunLengthNonUniformity	80.10200227
wavelet-HHL	grlm	ShortRunEmphasis	0.966753786
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	143.8357956
wavelet-HHL	grlm	RunPercentage	0.957734573
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.026658249
wavelet-HHL	grlm	RunEntropy	4.032316009
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	128.4312115
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.917466853
wavelet-HHL	glszm	GrayLevelVariance	25.00226347
wavelet-HHL	glszm	ZoneVariance	2.400181077
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.06926211
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.387958352
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wavelet-HHL	glszm	GrayLevelNonUniformity	3.255319149
wavelet-HHL	glszm	LargeAreaEmphasis	6.14893617
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	97.57545656
wavelet-HHL	glszm	ZonePercentage	0.516483516
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.096339964
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	750.7446809
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	137.7234043
wavelet-HHL	glszm	SmallAreaEmphasis	0.642722928
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.035574054
wavelet-HHL	glszm	ZoneEntropy	4.93502682
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.030592069
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wavelet-HLH	gldm	GrayLevelVariance	17.3674677
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wavelet-HLH	gldm	DependenceEntropy	5.205558448
wavelet-HLH	gldm	DependenceNonUniformity	23.83516484
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.414151404
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	85.69677656
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.261924888
wavelet-HLH	gldm	LargeDependenceEmphasis	6.494505495
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.05275008
wavelet-HLH	gldm	DependenceVariance	1.320130419
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1324.164835
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015202399
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.019231579
wavelet-HLH	glcm	JointAverage	13.5791124
wavelet-HLH	glcm	SumAverage	27.1582248
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wavelet-HLH	glcm	ClusterShade	-99.07517196
wavelet-HLH	glcm	MaximumProbability	0.035668371

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wavelet-HLH	glcm	DifferenceEntropy	3.435703218
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wavelet-HLH	glcm	Idn	0.837227292
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wavelet-HLH	glcm	Imc2	0.978918285
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wavelet-HLH	firstorder	InterquartileRange	135.5256315
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wavelet-HLH	firstorder	Uniformity	0.080062794
wavelet-HLH	firstorder	Median	4.315141353
wavelet-HLH	firstorder	Energy	972830.279
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	60.05035508
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wavelet-HLH	firstorder	TotalEnergy	26266417.53
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wavelet-HLH	firstorder	RootMeanSquared	103.3945967
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wavelet-HLH	firstorder	Entropy	3.917004811
wavelet-HLH	firstorder	Range	516.8836873
wavelet-HLH	firstorder	Variance	10675.28896
wavelet-HLH	firstorder	10Percentile	-130.4818242
wavelet-HLH	firstorder	Kurtosis	3.149964336
wavelet-HLH	firstorder	Mean	3.892771478
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.019661871
wavelet-HLH	grlm	GrayLevelVariance	17.79821466
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.019905673
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.078093786
wavelet-HLH	grlm	RunVariance	0.050617496
wavelet-HLH	grlm	GrayLevelNonUniformity	6.758697116
wavelet-HLH	grlm	LongRunEmphasis	1.158502584
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	196.0629693
wavelet-HLH	grlm	RunLengthNonUniformity	78.31789914
wavelet-HLH	grlm	ShortRunEmphasis	0.961391855
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	236.1320536
wavelet-HLH	grlm	RunPercentage	0.950972105
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.020909143
wavelet-HLH	grlm	RunEntropy	4.130652123
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	203.95957
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.90386705
wavelet-HLH	glszm	GrayLevelVariance	24.66162571

wavelet-HLH	glszm	ZoneVariance	3.325614367
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.063327032
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.402646503
wavelet-HLH	glszm	SizeZoneNonUniformity	18.52173913
wavelet-HLH	glszm	GrayLevelNonUniformity	2.913043478
wavelet-HLH	glszm	LargeAreaEmphasis	7.239130435
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	135.8857126
wavelet-HLH	glszm	ZonePercentage	0.505494505
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.06872353
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1502.586957
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	202.826087
wavelet-HLH	glszm	SmallAreaEmphasis	0.654621075
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.031658559
wavelet-HLH	glszm	ZoneEntropy	4.882045108
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.028916857
wavelet-HLH	ngtdm	Coarseness	0.050924059
wavelet-HLH	ngtdm	Complexity	546.0622701
wavelet-HLH	ngtdm	Strength	6.807111556
wavelet-HLH	ngtdm	Contrast	0.326465363
wavelet-HLH	ngtdm	Busyness	0.075546402

Image type	Feature Class	Feature Name	
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general	info	PyWaveletVersion	0.5.2
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original	shape	Maximum2DDiameterColumn	25.63201124
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original	gldm	HighGrayLevelEmphasis	120.3970588
original	gldm	DependenceEntropy	5.588289522
original	gldm	DependenceNonUniformity	37.01470588
original	gldm	GrayLevelNonUniformity	8.485294118
original	gldm	SmallDependenceEmphasis	0.412826797
original	gldm	SmallDependenceHighGrayLevelEmphasis	42.06948121
original	gldm	DependenceNonUniformityNormalized	0.272166955
original	gldm	LargeDependenceEmphasis	6.352941176
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original	gldm	DependenceVariance	1.290441176
original	gldm	LargeDependenceHighGrayLevelEmphasis	916.9558824
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original	glcm	JointAverage	10.95267373
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original	glcm	JointEntropy	6.733525365
original	glcm	ClusterShade	-65.70042926
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original	glcm	Contrast	24.66081445
original	glcm	DifferenceEntropy	3.25135542
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original	glcm	Idn	0.848207362
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original	glcm	Correlation	0.433559116
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original	glcm	SumEntropy	4.634078347
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original	glcm	ClusterProminence	8659.663224
original	glcm	Imc2	0.969545786
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original	glcm	Id	0.313607581
original	glcm	ClusterTendency	62.51040246
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original	firstorder	Skewness	-0.000404194
original	firstorder	Uniformity	0.062391869
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original	firstorder	Energy	38340302
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original	firstorder	MeanAbsoluteDeviation	101.9878893
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original	firstorder	Minimum	-742
original	firstorder	Entropy	4.127973134
original	firstorder	Range	486
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original	firstorder	Mean	-517.0882353
original	glrlm	ShortRunLowGrayLevelEmphasis	0.056894258
original	glrlm	GrayLevelVariance	23.31887217
original	glrlm	LowGrayLevelRunEmphasis	0.058076052
original	glrlm	GrayLevelNonUniformityNormalized	0.061976597
original	glrlm	RunVariance	0.053974647
original	glrlm	GrayLevelNonUniformity	8.02166953
original	glrlm	LongRunEmphasis	1.159970385
original	glrlm	ShortRunHighGrayLevelEmphasis	113.8391707
original	glrlm	RunLengthNonUniformity	117.8518299
original	glrlm	ShortRunEmphasis	0.963427779
original	glrlm	LongRunHighGrayLevelEmphasis	141.4981246
original	glrlm	RunPercentage	0.951923077
original	glrlm	LongRunLowGrayLevelEmphasis	0.064299755
original	glrlm	RunEntropy	4.315108409
original	glrlm	HighGrayLevelRunEmphasis	119.2462196
original	glrlm	RunLengthNonUniformityNormalized	0.909144964

original	glszm	GrayLevelVariance	24.13213668
original	glszm	ZoneVariance	3.588235294
original	glszm	GrayLevelNonUniformityNormalized	0.061851211
original	glszm	SizeZoneNonUniformityNormalized	0.39532872
original	glszm	SizeZoneNonUniformity	26.88235294
original	glszm	GrayLevelNonUniformity	4.205882353
original	glszm	LargeAreaEmphasis	7.588235294
original	glszm	SmallAreaHighGrayLevelEmphasis	62.81799897
original	glszm	ZonePercentage	0.5
original	glszm	LargeAreaLowGrayLevelEmphasis	0.247457245
original	glszm	LargeAreaHighGrayLevelEmphasis	1093.058824
original	glszm	HighGrayLevelZoneEmphasis	105.3970588
original	glszm	SmallAreaEmphasis	0.650263692
original	glszm	LowGrayLevelZoneEmphasis	0.074332334
original	glszm	ZoneEntropy	5.107621805
original	glszm	SmallAreaLowGrayLevelEmphasis	0.053946096
original	ngtdm	Coarseness	0.047351197
original	ngtdm	Complexity	409.5425215
original	ngtdm	Strength	6.129198708
original	ngtdm	Contrast	0.335576828
original	ngtdm	Busyness	0.134187791
wavelet-HHH	gldm	GrayLevelVariance	1.470588235
wavelet-HHH	gldm	HighGrayLevelEmphasis	13.72058824
wavelet-HHH	gldm	DependenceEntropy	4.758220722
wavelet-HHH	gldm	DependenceNonUniformity	14.76470588
wavelet-HHH	gldm	GrayLevelNonUniformity	34.73529412
wavelet-HHH	gldm	SmallDependenceEmphasis	0.114419169
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	2.107779953
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.108564014
wavelet-HHH	gldm	LargeDependenceEmphasis	35.05882353
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	3.52875817
wavelet-HHH	gldm	DependenceVariance	7.031141869
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	420.3970588
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.037335573
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.130890523
wavelet-HHH	glcm	JointAverage	3.489098105
wavelet-HHH	glcm	SumAverage	6.978196209
wavelet-HHH	glcm	JointEntropy	4.119880885
wavelet-HHH	glcm	ClusterShade	2.403950408
wavelet-HHH	glcm	MaximumProbability	0.132516865
wavelet-HHH	glcm	Idmn	0.975139609
wavelet-HHH	glcm	JointEnergy	0.073548478
wavelet-HHH	glcm	Contrast	2.779179153
wavelet-HHH	glcm	DifferenceEntropy	1.930224241
wavelet-HHH	glcm	InverseVariance	0.458151714
wavelet-HHH	glcm	DifferenceVariance	1.227060363
wavelet-HHH	glcm	Idn	0.898993306
wavelet-HHH	glcm	Idm	0.524692219
wavelet-HHH	glcm	Correlation	-0.044744162
wavelet-HHH	glcm	Autocorrelation	12.10683015
wavelet-HHH	glcm	SumEntropy	2.566906889
wavelet-HHH	glcm	SumSquares	1.321908309
wavelet-HHH	glcm	ClusterProminence	28.50239518
wavelet-HHH	glcm	Imc2	0.55729692
wavelet-HHH	glcm	Imc1	-0.092653508



wavelet-HHH	glcm	DifferenceAverage	1.225091583
wavelet-HHH	glcm	Id	0.570402814
wavelet-HHH	glcm	ClusterTendency	2.508454084
wavelet-HHH	firstorder	InterquartileRange	35.30531263
wavelet-HHH	firstorder	Skewness	0.84206504
wavelet-HHH	firstorder	Uniformity	0.255406574
wavelet-HHH	firstorder	Median	-0.255835577
wavelet-HHH	firstorder	Energy	122602.3332
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	15.1790229
wavelet-HHH	firstorder	MeanAbsoluteDeviation	22.56454685
wavelet-HHH	firstorder	TotalEnergy	3310262.996
wavelet-HHH	firstorder	Maximum	158.173551
wavelet-HHH	firstorder	RootMeanSquared	30.02478549
wavelet-HHH	firstorder	90Percentile	37.14336319
wavelet-HHH	firstorder	Minimum	-74.47608972
wavelet-HHH	firstorder	Entropy	2.197213468
wavelet-HHH	firstorder	Range	232.6496407
wavelet-HHH	firstorder	Variance	901.4547199
wavelet-HHH	firstorder	10Percentile	-38.45793144
wavelet-HHH	firstorder	Kurtosis	7.467397776
wavelet-HHH	firstorder	Mean	0.181725316
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.122485743
wavelet-HHH	glrlm	GrayLevelVariance	1.641151245
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.136444691
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.240805614
wavelet-HHH	glrlm	RunVariance	0.211297289
wavelet-HHH	glrlm	GrayLevelNonUniformity	27.33718441
wavelet-HHH	glrlm	LongRunEmphasis	1.653855104
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	12.38296576
wavelet-HHH	glrlm	RunLengthNonUniformity	80.46829085
wavelet-HHH	glrlm	ShortRunEmphasis	0.865055222
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	21.97806657
wavelet-HHH	glrlm	RunPercentage	0.834841629
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.203704824
wavelet-HHH	glrlm	RunEntropy	2.929730243
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	14.02879369
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.706424255
wavelet-HHH	glszm	GrayLevelVariance	5.96484375
wavelet-HHH	glszm	ZoneVariance	198.25
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.1875
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.25
wavelet-HHH	glszm	SizeZoneNonUniformity	4
wavelet-HHH	glszm	GrayLevelNonUniformity	3
wavelet-HHH	glszm	LargeAreaEmphasis	270.5
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	9.950420511
wavelet-HHH	glszm	ZonePercentage	0.117647059
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	25.83263889
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3346.875
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	19.5625
wavelet-HHH	glszm	SmallAreaEmphasis	0.491024386
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.321822917
wavelet-HHH	glszm	ZoneEntropy	3.375
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.2709435
wavelet-HHH	ngtdm	Coarseness	0.041549989
wavelet-HHH	ngtdm	Complexity	23.7983302

wavelet-HHH	ngtdm	Strength	1.03853459
wavelet-HHH	ngtdm	Contrast	0.06945661
wavelet-HHH	ngtdm	Busyness	0.989469693
wavelet-HLL	gldm	GrayLevelVariance	4.850291955
wavelet-HLL	gldm	HighGrayLevelEmphasis	47.77205882
wavelet-HLL	gldm	DependenceEntropy	5.440260916
wavelet-HLL	gldm	DependenceNonUniformity	19.41176471
wavelet-HLL	gldm	GrayLevelNonUniformity	19.16176471
wavelet-HLL	gldm	SmallDependenceEmphasis	0.130373085
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	7.229727367
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.142733564
wavelet-HLL	gldm	LargeDependenceEmphasis	23.92647059
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.809825016
wavelet-HLL	gldm	DependenceVariance	4.462802768
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1019.580882
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007687931
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.047846076
wavelet-HLL	glcm	JointAverage	6.380431295
wavelet-HLL	glcm	SumAverage	12.76086259
wavelet-HLL	glcm	JointEntropy	5.465376872
wavelet-HLL	glcm	ClusterShade	18.19613123
wavelet-HLL	glcm	MaximumProbability	0.067293813
wavelet-HLL	glcm	Idmn	0.970834902
wavelet-HLL	glcm	JointEnergy	0.029767617
wavelet-HLL	glcm	Contrast	5.461194633
wavelet-HLL	glcm	DifferenceEntropy	2.335113613
wavelet-HLL	glcm	InverseVariance	0.40471693
wavelet-HLL	glcm	DifferenceVariance	2.279982278
wavelet-HLL	glcm	Idn	0.891340949
wavelet-HLL	glcm	Idm	0.439381871
wavelet-HLL	glcm	Correlation	0.440376871
wavelet-HLL	glcm	Autocorrelation	42.92865642
wavelet-HLL	glcm	SumEntropy	3.750211636
wavelet-HLL	glcm	SumSquares	4.942378686
wavelet-HLL	glcm	ClusterProminence	656.9009793
wavelet-HLL	glcm	Imc2	0.84495373
wavelet-HLL	glcm	Imc1	-0.221139929
wavelet-HLL	glcm	DifferenceAverage	1.735851498
wavelet-HLL	glcm	Id	0.500960478
wavelet-HLL	glcm	ClusterTendency	14.30832011
wavelet-HLL	firstorder	InterquartileRange	62.2875002
wavelet-HLL	firstorder	Skewness	0.298948926
wavelet-HLL	firstorder	Uniformity	0.140895329
wavelet-HLL	firstorder	Median	-27.64358743
wavelet-HLL	firstorder	Energy	479643.6694
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	26.99332394
wavelet-HLL	firstorder	MeanAbsoluteDeviation	41.7948173
wavelet-HLL	firstorder	TotalEnergy	12950379.07
wavelet-HLL	firstorder	Maximum	149.4192476
wavelet-HLL	firstorder	RootMeanSquared	59.38679724
wavelet-HLL	firstorder	90Percentile	60.03457732
wavelet-HLL	firstorder	Minimum	-171.6938212
wavelet-HLL	firstorder	Entropy	3.071718526
wavelet-HLL	firstorder	Range	321.1130688
wavelet-HLL	firstorder	Variance	2994.392002

wavelet-HLL	firstorder	10Percentile	-84.69465826
wavelet-HLL	firstorder	Kurtosis	3.471093106
wavelet-HLL	firstorder	Mean	-23.07378782
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.045466644
wavelet-HLL	glrlm	GrayLevelVariance	5.047350438
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.049505665
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.136743747
wavelet-HLL	glrlm	RunVariance	0.163995111
wavelet-HLL	glrlm	GrayLevelNonUniformity	16.16268405
wavelet-HLL	glrlm	LongRunEmphasis	1.505725356
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	43.5975139
wavelet-HLL	glrlm	RunLengthNonUniformity	90.88419306
wavelet-HLL	glrlm	ShortRunEmphasis	0.893418137
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	70.54596058
wavelet-HLL	glrlm	RunPercentage	0.868778281
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.067986807
wavelet-HLL	glrlm	RunEntropy	3.637835284
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	48.34056918
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.763795362
wavelet-HLL	glszm	GrayLevelVariance	8.222222222
wavelet-HLL	glszm	ZoneVariance	47.63888889
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.125
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.163194444
wavelet-HLL	glszm	SizeZoneNonUniformity	3.916666667
wavelet-HLL	glszm	GrayLevelNonUniformity	3
wavelet-HLL	glszm	LargeAreaEmphasis	79.75
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	22.11092866
wavelet-HLL	glszm	ZonePercentage	0.176470588
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	2.421817015
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3476.375
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	52.66666667
wavelet-HLL	glszm	SmallAreaEmphasis	0.357585328
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.079128034
wavelet-HLL	glszm	ZoneEntropy	4.334962501
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020560269
wavelet-HLL	ngtdm	Coarseness	0.054316891
wavelet-HLL	ngtdm	Complexity	65.24798925
wavelet-HLL	ngtdm	Strength	2.676735456
wavelet-HLL	ngtdm	Contrast	0.086051602
wavelet-HLL	ngtdm	Busyness	0.252758447
wavelet-LHL	gldm	GrayLevelVariance	19.39570718
wavelet-LHL	gldm	HighGrayLevelEmphasis	130.4191176
wavelet-LHL	gldm	DependenceEntropy	5.477117349
wavelet-LHL	gldm	DependenceNonUniformity	37.48529412
wavelet-LHL	gldm	GrayLevelNonUniformity	9.544117647
wavelet-LHL	gldm	SmallDependenceEmphasis	0.448415033
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	67.1358844
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.275627163
wavelet-LHL	gldm	LargeDependenceEmphasis	5.691176471
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.114662077
wavelet-LHL	gldm	DependenceVariance	1.081314879
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	652.0808824
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014996522
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.024690019
wavelet-LHL	glcm	JointAverage	10.28882869

wavelet-LHL	glcm	SumAverage	20.57765739
wavelet-LHL	glcm	JointEntropy	6.580483138
wavelet-LHL	glcm	ClusterShade	167.4049421
wavelet-LHL	glcm	MaximumProbability	0.028425932
wavelet-LHL	glcm	Idmn	0.945485056
wavelet-LHL	glcm	JointEnergy	0.012144993
wavelet-LHL	glcm	Contrast	34.93534311
wavelet-LHL	glcm	DifferenceEntropy	3.350814861
wavelet-LHL	glcm	InverseVariance	0.197034622
wavelet-LHL	glcm	DifferenceVariance	11.59800059
wavelet-LHL	glcm	Idn	0.845947415
wavelet-LHL	glcm	Idm	0.188849509
wavelet-LHL	glcm	Correlation	0.130316477
wavelet-LHL	glcm	Autocorrelation	108.5496134
wavelet-LHL	glcm	SumEntropy	4.36897933
wavelet-LHL	glcm	SumSquares	20.14661835
wavelet-LHL	glcm	ClusterProminence	7146.44292
wavelet-LHL	glcm	Imc2	0.972933619
wavelet-LHL	glcm	Imc1	-0.367197392
wavelet-LHL	glcm	DifferenceAverage	4.617815794
wavelet-LHL	glcm	Id	0.284870471
wavelet-LHL	glcm	ClusterTendency	45.65113029
wavelet-LHL	firstorder	InterquartileRange	145.4929546
wavelet-LHL	firstorder	Skewness	0.43221909
wavelet-LHL	firstorder	Uniformity	0.070177336
wavelet-LHL	firstorder	Median	-22.91829763
wavelet-LHL	firstorder	Energy	1704760.811
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	62.91853355
wavelet-LHL	firstorder	MeanAbsoluteDeviation	88.80715745
wavelet-LHL	firstorder	TotalEnergy	46028541.9
wavelet-LHL	firstorder	Maximum	299.9122676
wavelet-LHL	firstorder	RootMeanSquared	111.9598409
wavelet-LHL	firstorder	90Percentile	124.3923666
wavelet-LHL	firstorder	Minimum	-262.7463048
wavelet-LHL	firstorder	Entropy	4.042295159
wavelet-LHL	firstorder	Range	562.6585724
wavelet-LHL	firstorder	Variance	12008.28524
wavelet-LHL	firstorder	10Percentile	-156.3011392
wavelet-LHL	firstorder	Kurtosis	2.900709244
wavelet-LHL	firstorder	Mean	-22.95039699
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024351115
wavelet-LHL	glrlm	GrayLevelVariance	19.57461226
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.024996521
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.069791757
wavelet-LHL	glrlm	RunVariance	0.05123344
wavelet-LHL	glrlm	GrayLevelNonUniformity	9.077125652
wavelet-LHL	glrlm	LongRunEmphasis	1.153127085
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	127.3901711
wavelet-LHL	glrlm	RunLengthNonUniformity	119.7088882
wavelet-LHL	glrlm	ShortRunEmphasis	0.965670702
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	148.6568504
wavelet-LHL	glrlm	RunPercentage	0.955882353
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.027746685
wavelet-LHL	glrlm	RunEntropy	4.22331592
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	131.2587819

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.917338309
wavelet-LHL	glszm	GrayLevelVariance	22.21805217
wavelet-LHL	glszm	ZoneVariance	2.227810096
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.066241321
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.433289548
wavelet-LHL	glszm	SizeZoneNonUniformity	31.63013699
wavelet-LHL	glszm	GrayLevelNonUniformity	4.835616438
wavelet-LHL	glszm	LargeAreaEmphasis	5.698630137
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	108.7309928
wavelet-LHL	glszm	ZonePercentage	0.536764706
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.136268546
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	610.5890411
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	147.7808219
wavelet-LHL	glszm	SmallAreaEmphasis	0.68385738
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.029907783
wavelet-LHL	glszm	ZoneEntropy	5.239357737
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.02518587
wavelet-LHL	ngtdm	Coarseness	0.037018937
wavelet-LHL	ngtdm	Complexity	609.7566662
wavelet-LHL	ngtdm	Strength	6.150875799
wavelet-LHL	ngtdm	Contrast	0.27672301
wavelet-LHL	ngtdm	Busyness	0.139274977
wavelet-LHH	gldm	GrayLevelVariance	19.92733564
wavelet-LHH	gldm	HighGrayLevelEmphasis	185.8823529
wavelet-LHH	gldm	DependenceEntropy	5.312194852
wavelet-LHH	gldm	DependenceNonUniformity	36.88235294
wavelet-LHH	gldm	GrayLevelNonUniformity	10.47058824
wavelet-LHH	gldm	SmallDependenceEmphasis	0.409726307
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	93.19719567
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.271193772
wavelet-LHH	gldm	LargeDependenceEmphasis	6.485294118
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.110600292
wavelet-LHH	gldm	DependenceVariance	1.356401384
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1020.647059
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007468055
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.023530868
wavelet-LHH	glcm	JointAverage	12.71937207
wavelet-LHH	glcm	SumAverage	25.43874414
wavelet-LHH	glcm	JointEntropy	6.462350692
wavelet-LHH	glcm	ClusterShade	65.30361632
wavelet-LHH	glcm	MaximumProbability	0.033308797
wavelet-LHH	glcm	Idmn	0.950964804
wavelet-LHH	glcm	JointEnergy	0.013511071
wavelet-LHH	glcm	Contrast	40.05773849
wavelet-LHH	glcm	DifferenceEntropy	3.448969387
wavelet-LHH	glcm	InverseVariance	0.215149947
wavelet-LHH	glcm	DifferenceVariance	15.73205854
wavelet-LHH	glcm	Idn	0.857537969
wavelet-LHH	glcm	Idm	0.203121236
wavelet-LHH	glcm	Correlation	-0.099586261
wavelet-LHH	glcm	Autocorrelation	160.3764412
wavelet-LHH	glcm	SumEntropy	4.077971291
wavelet-LHH	glcm	SumSquares	18.58438428
wavelet-LHH	glcm	ClusterProminence	5750.453212
wavelet-LHH	glcm	Imc2	0.974313092

wavelet-LHH	glcm	Imc1	-0.379665567
wavelet-LHH	glcm	DifferenceAverage	4.797080267
wavelet-LHH	glcm	Id	0.29327871
wavelet-LHH	glcm	ClusterTendency	34.27979864
wavelet-LHH	firstorder	InterquartileRange	127.4340182
wavelet-LHH	firstorder	Skewness	0.302159969
wavelet-LHH	firstorder	Uniformity	0.076989619
wavelet-LHH	firstorder	Median	-3.99087698
wavelet-LHH	firstorder	Energy	1712800.163
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	52.36108331
wavelet-LHH	firstorder	MeanAbsoluteDeviation	83.60326245
wavelet-LHH	firstorder	TotalEnergy	46245604.4
wavelet-LHH	firstorder	Maximum	336.001785
wavelet-LHH	firstorder	RootMeanSquared	112.2235218
wavelet-LHH	firstorder	90Percentile	146.4652703
wavelet-LHH	firstorder	Minimum	-278.2552978
wavelet-LHH	firstorder	Entropy	4.023432798
wavelet-LHH	firstorder	Range	614.2570828
wavelet-LHH	firstorder	Variance	12509.33597
wavelet-LHH	firstorder	10Percentile	-118.1250094
wavelet-LHH	firstorder	Kurtosis	3.68957601
wavelet-LHH	firstorder	Mean	9.207761866
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022807249
wavelet-LHH	glrlm	GrayLevelVariance	20.42454606
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.02365904
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.075143984
wavelet-LHH	glrlm	RunVariance	0.053051742
wavelet-LHH	glrlm	GrayLevelNonUniformity	9.726975122
wavelet-LHH	glrlm	LongRunEmphasis	1.167621217
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	181.6376951
wavelet-LHH	glrlm	RunLengthNonUniformity	117.8834846
wavelet-LHH	glrlm	ShortRunEmphasis	0.960747258
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	213.8556884
wavelet-LHH	glrlm	RunPercentage	0.951357466
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.027115765
wavelet-LHH	glrlm	RunEntropy	4.242807068
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	187.5978781
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.906939093
wavelet-LHH	glszm	GrayLevelVariance	27.37660155
wavelet-LHH	glszm	ZoneVariance	3.883217811
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056920815
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.397185465
wavelet-LHH	glszm	SizeZoneNonUniformity	27.4057971
wavelet-LHH	glszm	GrayLevelNonUniformity	3.927536232
wavelet-LHH	glszm	LargeAreaEmphasis	7.768115942
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	156.8235829
wavelet-LHH	glszm	ZonePercentage	0.507352941
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.118080969
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1242.26087
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	214.5507246
wavelet-LHH	glszm	SmallAreaEmphasis	0.640716586
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.023922888
wavelet-LHH	glszm	ZoneEntropy	5.231287862
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.009662772
wavelet-LHH	ngtdm	Coarseness	0.042899231

wavelet-LHH	ngtdm	Complexity	713.9043061
wavelet-LHH	ngtdm	Strength	6.448511274
wavelet-LHH	ngtdm	Contrast	0.284986684
wavelet-LHH	ngtdm	Busyness	0.085607583
wavelet-LLH	gldm	GrayLevelVariance	160.2499459
wavelet-LLH	gldm	HighGrayLevelEmphasis	1965.875
wavelet-LLH	gldm	DependenceEntropy	5.869169896
wavelet-LLH	gldm	DependenceNonUniformity	48.38235294
wavelet-LLH	gldm	GrayLevelNonUniformity	5.485294118
wavelet-LLH	gldm	SmallDependenceEmphasis	0.600324755
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1145.344457
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.355752595
wavelet-LLH	gldm	LargeDependenceEmphasis	4.441176471
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011281626
wavelet-LLH	gldm	DependenceVariance	1.062067474
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	9058.330882
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008548349
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.008911003
wavelet-LLH	glcm	JointAverage	43.17479837
wavelet-LLH	glcm	SumAverage	86.34959674
wavelet-LLH	glcm	JointEntropy	7.018646035
wavelet-LLH	glcm	ClusterShade	-6632.449589
wavelet-LLH	glcm	MaximumProbability	0.022052435
wavelet-LLH	glcm	Idmn	0.945738959
wavelet-LLH	glcm	JointEnergy	0.008525454
wavelet-LLH	glcm	Contrast	285.2937358
wavelet-LLH	glcm	DifferenceEntropy	4.292493353
wavelet-LLH	glcm	InverseVariance	0.109572509
wavelet-LLH	glcm	DifferenceVariance	134.8556657
wavelet-LLH	glcm	Idn	0.863540789
wavelet-LLH	glcm	Idm	0.11641402
wavelet-LLH	glcm	Correlation	-0.003923726
wavelet-LLH	glcm	Autocorrelation	1869.28359
wavelet-LLH	glcm	SumEntropy	5.145477089
wavelet-LLH	glcm	SumSquares	147.3679405
wavelet-LLH	glcm	ClusterProminence	503185.018
wavelet-LLH	glcm	Imc2	0.997644495
wavelet-LLH	glcm	Imc1	-0.557187823
wavelet-LLH	glcm	DifferenceAverage	11.57131111
wavelet-LLH	glcm	Id	0.195011396
wavelet-LLH	glcm	ClusterTendency	304.1780262
wavelet-LLH	firstorder	InterquartileRange	279.9219711
wavelet-LLH	firstorder	Skewness	-1.401462759
wavelet-LLH	firstorder	Uniformity	0.040333045
wavelet-LLH	firstorder	Median	1.798618373
wavelet-LLH	firstorder	Energy	14422825.73
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	121.8964964
wavelet-LLH	firstorder	MeanAbsoluteDeviation	226.8640768
wavelet-LLH	firstorder	TotalEnergy	389416294.7
wavelet-LLH	firstorder	Maximum	431.8769066
wavelet-LLH	firstorder	RootMeanSquared	325.6534802
wavelet-LLH	firstorder	90Percentile	222.8784441
wavelet-LLH	firstorder	Minimum	-1117.992834
wavelet-LLH	firstorder	Entropy	4.955326075
wavelet-LLH	firstorder	Range	1549.869741

wavelet-LLH	firstorder	Variance	100452.7116
wavelet-LLH	firstorder	10Percentile	-603.2711562
wavelet-LLH	firstorder	Kurtosis	4.717796536
wavelet-LLH	firstorder	Mean	-74.81629247
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009175703
wavelet-LLH	glrlm	GrayLevelVariance	163.1749225
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.009195321
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.039479915
wavelet-LLH	glrlm	RunVariance	0.037069878
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.199584982
wavelet-LLH	glrlm	LongRunEmphasis	1.110048476
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1912.227897
wavelet-LLH	glrlm	RunLengthNonUniformity	123.9745148
wavelet-LLH	glrlm	ShortRunEmphasis	0.975363182
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2188.940164
wavelet-LLH	glrlm	RunPercentage	0.967760181
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00927942
wavelet-LLH	glrlm	RunEntropy	5.08118718
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1962.796518
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.939473118
wavelet-LLH	glszm	GrayLevelVariance	191.9209157
wavelet-LLH	glszm	ZoneVariance	1.065787952
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032951786
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.603884842
wavelet-LLH	glszm	SizeZoneNonUniformity	56.16129032
wavelet-LLH	glszm	GrayLevelNonUniformity	3.064516129
wavelet-LLH	glszm	LargeAreaEmphasis	3.204301075
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1520.287485
wavelet-LLH	glszm	ZonePercentage	0.683823529
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.014202753
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	6520.053763
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1920.870968
wavelet-LLH	glszm	SmallAreaEmphasis	0.803240741
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.012642217
wavelet-LLH	glszm	ZoneEntropy	5.639709989
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012424227
wavelet-LLH	ngtdm	Coarseness	0.03476393
wavelet-LLH	ngtdm	Complexity	7789.250034
wavelet-LLH	ngtdm	Strength	35.903998
wavelet-LLH	ngtdm	Contrast	1.579699125
wavelet-LLH	ngtdm	Busyness	0.015662813
wavelet-LLL	gldm	GrayLevelVariance	182.4299308
wavelet-LLL	gldm	HighGrayLevelEmphasis	981.3235294
wavelet-LLL	gldm	DependenceEntropy	5.96684793
wavelet-LLL	gldm	DependenceNonUniformity	69.82352941
wavelet-LLL	gldm	GrayLevelNonUniformity	3.529411765
wavelet-LLL	gldm	SmallDependenceEmphasis	0.736111111
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	666.1768791
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.513408304
wavelet-LLL	gldm	LargeDependenceEmphasis	2.382352941
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013277715
wavelet-LLL	gldm	DependenceVariance	0.389273356
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2736.485294
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011158479
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.011512302



wavelet-LLL	glcm	JointAverage	30.8822397
wavelet-LLL	glcm	SumAverage	61.76447941
wavelet-LLL	glcm	JointEntropy	7.218692114
wavelet-LLL	glcm	ClusterShade	461.8360543
wavelet-LLL	glcm	MaximumProbability	0.013554145
wavelet-LLL	glcm	Idmn	0.953475252
wavelet-LLL	glcm	JointEnergy	0.007005549
wavelet-LLL	glcm	Contrast	178.2053168
wavelet-LLL	glcm	DifferenceEntropy	4.382969903
wavelet-LLL	glcm	InverseVariance	0.097276529
wavelet-LLL	glcm	DifferenceVariance	56.61363685
wavelet-LLL	glcm	Idn	0.853718399
wavelet-LLL	glcm	Idm	0.086708627
wavelet-LLL	glcm	Correlation	0.490967409
wavelet-LLL	glcm	Autocorrelation	1040.021125
wavelet-LLL	glcm	SumEntropy	5.533097966
wavelet-LLL	glcm	SumSquares	174.6277752
wavelet-LLL	glcm	ClusterProminence	594194.6766
wavelet-LLL	glcm	Imc2	0.999504314
wavelet-LLL	glcm	Imc1	-0.651460311
wavelet-LLL	glcm	DifferenceAverage	10.773446
wavelet-LLL	glcm	Id	0.16406213
wavelet-LLL	glcm	ClusterTendency	520.3057841
wavelet-LLL	firstorder	InterquartileRange	488.7304208
wavelet-LLL	firstorder	Skewness	0.208686989
wavelet-LLL	firstorder	Uniformity	0.025951557
wavelet-LLL	firstorder	Median	-1464.509022
wavelet-LLL	firstorder	Energy	304226026.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	201.4172484
wavelet-LLL	firstorder	MeanAbsoluteDeviation	276.6476506
wavelet-LLL	firstorder	TotalEnergy	8214102725
wavelet-LLL	firstorder	Maximum	-720.8855309
wavelet-LLL	firstorder	RootMeanSquared	1495.645707
wavelet-LLL	firstorder	90Percentile	-998.9388563
wavelet-LLL	firstorder	Minimum	-2149.346628
wavelet-LLL	firstorder	Entropy	5.457050761
wavelet-LLL	firstorder	Range	1428.461097
wavelet-LLL	firstorder	Variance	115268.6322
wavelet-LLL	firstorder	10Percentile	-1897.885492
wavelet-LLL	firstorder	Kurtosis	2.274369923
wavelet-LLL	firstorder	Mean	-1456.601335
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011661576
wavelet-LLL	glrlm	GrayLevelVariance	183.0965542
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.011677377
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.02581992
wavelet-LLL	glrlm	RunVariance	0.015829258
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.455978112
wavelet-LLL	glrlm	LongRunEmphasis	1.04850745
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	962.115056
wavelet-LLL	glrlm	RunLengthNonUniformity	129.628778
wavelet-LLL	glrlm	ShortRunEmphasis	0.987873138
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1037.277143
wavelet-LLL	glrlm	RunPercentage	0.984162896
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.011740583
wavelet-LLL	glrlm	RunEntropy	5.507846236

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	977.1474734
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.968341484
wavelet-LLL	glszm	GrayLevelVariance	195.0999074
wavelet-LLL	glszm	ZoneVariance	0.333136941
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024324552
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.697331874
wavelet-LLL	glszm	SizeZoneNonUniformity	76.00917431
wavelet-LLL	glszm	GrayLevelNonUniformity	2.651376147
wavelet-LLL	glszm	LargeAreaEmphasis	1.889908257
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	764.1106014
wavelet-LLL	glszm	ZonePercentage	0.801470588
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015208104
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1996.330275
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	929.559633
wavelet-LLL	glszm	SmallAreaEmphasis	0.859072375
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014033144
wavelet-LLL	glszm	ZoneEntropy	5.835627073
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013840779
wavelet-LLL	ngtdm	Coarseness	0.043889998
wavelet-LLL	ngtdm	Complexity	7445.182962
wavelet-LLL	ngtdm	Strength	48.25760272
wavelet-LLL	ngtdm	Contrast	0.959856448
wavelet-LLL	ngtdm	Busyness	0.01948203
wavelet-HHL	gldm	GrayLevelVariance	1.534115484
wavelet-HHL	gldm	HighGrayLevelEmphasis	23.61029412
wavelet-HHL	gldm	DependenceEntropy	4.967418957
wavelet-HHL	gldm	DependenceNonUniformity	16.45588235
wavelet-HHL	gldm	GrayLevelNonUniformity	30.80882353
wavelet-HHL	gldm	SmallDependenceEmphasis	0.15978292
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	3.937709162
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.120999135
wavelet-HHL	gldm	LargeDependenceEmphasis	31.10294118
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	1.460688119
wavelet-HHL	gldm	DependenceVariance	7.551903114
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	750.375
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018022934
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.063276154
wavelet-HHL	glcm	JointAverage	4.695501481
wavelet-HHL	glcm	SumAverage	9.391002963
wavelet-HHL	glcm	JointEntropy	4.368159922
wavelet-HHL	glcm	ClusterShade	0.277802417
wavelet-HHL	glcm	MaximumProbability	0.125980103
wavelet-HHL	glcm	Idmn	0.955872314
wavelet-HHL	glcm	JointEnergy	0.060016437
wavelet-HHL	glcm	Contrast	3.220408304
wavelet-HHL	glcm	DifferenceEntropy	2.049641596
wavelet-HHL	glcm	InverseVariance	0.424849405
wavelet-HHL	glcm	DifferenceVariance	1.243980804
wavelet-HHL	glcm	Idn	0.864757093
wavelet-HHL	glcm	Idm	0.481396597
wavelet-HHL	glcm	Correlation	-0.06774166
wavelet-HHL	glcm	Autocorrelation	21.94251834
wavelet-HHL	glcm	SumEntropy	2.669619094
wavelet-HHL	glcm	SumSquares	1.503770901
wavelet-HHL	glcm	ClusterProminence	22.60949895

wavelet-HHL	glcm	Imc2	0.601989334
wavelet-HHL	glcm	Imc1	-0.106264645
wavelet-HHL	glcm	DifferenceAverage	1.381676652
wavelet-HHL	glcm	Id	0.537996426
wavelet-HHL	glcm	ClusterTendency	2.7946753
wavelet-HHL	firstorder	InterquartileRange	44.12241125
wavelet-HHL	firstorder	Skewness	-0.151216698
wavelet-HHL	firstorder	Uniformity	0.226535467
wavelet-HHL	firstorder	Median	5.237027513
wavelet-HHL	firstorder	Energy	125870.0918
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	17.0539314
wavelet-HHL	firstorder	MeanAbsoluteDeviation	24.25291631
wavelet-HHL	firstorder	TotalEnergy	3398492.479
wavelet-HHL	firstorder	Maximum	76.12770474
wavelet-HHL	firstorder	RootMeanSquared	30.42228428
wavelet-HHL	firstorder	90Percentile	40.43192236
wavelet-HHL	firstorder	Minimum	-89.20619165
wavelet-HHL	firstorder	Entropy	2.333536963
wavelet-HHL	firstorder	Range	165.3338964
wavelet-HHL	firstorder	Variance	910.7977148
wavelet-HHL	firstorder	10Percentile	-35.23581893
wavelet-HHL	firstorder	Kurtosis	2.793963865
wavelet-HHL	firstorder	Mean	3.83636105
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.059740826
wavelet-HHL	glrlm	GrayLevelVariance	1.659988987
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.065698917
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.216243416
wavelet-HHL	glrlm	RunVariance	0.191614615
wavelet-HHL	glrlm	GrayLevelNonUniformity	25.03580761
wavelet-HHL	glrlm	LongRunEmphasis	1.580729322
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	20.79188773
wavelet-HHL	glrlm	RunLengthNonUniformity	85.72049414
wavelet-HHL	glrlm	ShortRunEmphasis	0.881340777
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	37.44519093
wavelet-HHL	glrlm	RunPercentage	0.851809955
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.09422064
wavelet-HHL	glrlm	RunEntropy	2.990778436
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	23.587799
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.736775701
wavelet-HHL	glszm	GrayLevelVariance	3.623263889
wavelet-HHL	glszm	ZoneVariance	105.8888889
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.173611111
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.336805556
wavelet-HHL	glszm	SizeZoneNonUniformity	8.083333333
wavelet-HHL	glszm	GrayLevelNonUniformity	4.166666667
wavelet-HHL	glszm	LargeAreaEmphasis	138
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	14.9765507
wavelet-HHL	glszm	ZonePercentage	0.176470588
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	6.565540497
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	3231.125
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	25.79166667
wavelet-HHL	glszm	SmallAreaEmphasis	0.582876816
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.108728328
wavelet-HHL	glszm	ZoneEntropy	3.803508855
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.082943121

wavelet-HHL	ngtdm	Coarseness	0.039819256
wavelet-HHL	ngtdm	Complexity	27.39501416
wavelet-HHL	ngtdm	Strength	0.741092397
wavelet-HHL	ngtdm	Contrast	0.059349601
wavelet-HHL	ngtdm	Busyness	0.641275444
wavelet-HLH	gldm	GrayLevelVariance	2.837316176
wavelet-HLH	gldm	HighGrayLevelEmphasis	110.4779412
wavelet-HLH	gldm	DependenceEntropy	5.072116243
wavelet-HLH	gldm	DependenceNonUniformity	15.02941176
wavelet-HLH	gldm	GrayLevelNonUniformity	29.20588235
wavelet-HLH	gldm	SmallDependenceEmphasis	0.218720765
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	22.62560818
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.110510381
wavelet-HLH	gldm	LargeDependenceEmphasis	33.73529412
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.301947423
wavelet-HLH	gldm	DependenceVariance	10.7517301
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3932.375
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010297215
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.017609635
wavelet-HLH	glcm	JointAverage	10.46221675
wavelet-HLH	glcm	SumAverage	20.92443349
wavelet-HLH	glcm	JointEntropy	4.490602772
wavelet-HLH	glcm	ClusterShade	-13.01738173
wavelet-HLH	glcm	MaximumProbability	0.153236264
wavelet-HLH	glcm	Idmn	0.981201989
wavelet-HLH	glcm	JointEnergy	0.065102281
wavelet-HLH	glcm	Contrast	4.154248709
wavelet-HLH	glcm	DifferenceEntropy	2.131619687
wavelet-HLH	glcm	InverseVariance	0.458484648
wavelet-HLH	glcm	DifferenceVariance	2.0452979
wavelet-HLH	glcm	Idn	0.913448665
wavelet-HLH	glcm	Idm	0.488957607
wavelet-HLH	glcm	Correlation	0.018622882
wavelet-HLH	glcm	Autocorrelation	109.5253957
wavelet-HLH	glcm	SumEntropy	2.825910411
wavelet-HLH	glcm	SumSquares	2.140526642
wavelet-HLH	glcm	ClusterProminence	158.5355716
wavelet-HLH	glcm	Imc2	0.636939301
wavelet-HLH	glcm	Imc1	-0.111657842
wavelet-HLH	glcm	DifferenceAverage	1.441018097
wavelet-HLH	glcm	Id	0.539211912
wavelet-HLH	glcm	ClusterTendency	4.407857859
wavelet-HLH	firstorder	InterquartileRange	44.49085717
wavelet-HLH	firstorder	Skewness	-2.03201421
wavelet-HLH	firstorder	Uniformity	0.214749135
wavelet-HLH	firstorder	Median	2.742828105
wavelet-HLH	firstorder	Energy	223686.6648
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	17.02351417
wavelet-HLH	firstorder	MeanAbsoluteDeviation	28.01451092
wavelet-HLH	firstorder	TotalEnergy	6039539.948
wavelet-HLH	firstorder	Maximum	81.21203967
wavelet-HLH	firstorder	RootMeanSquared	40.55557777
wavelet-HLH	firstorder	90Percentile	36.7788006
wavelet-HLH	firstorder	Minimum	-227.4901752
wavelet-HLH	firstorder	Entropy	2.531852901

wavelet-HLH	firstorder	Range	308.7022148
wavelet-HLH	firstorder	Variance	1638.377211
wavelet-HLH	firstorder	10Percentile	-37.79810484
wavelet-HLH	firstorder	Kurtosis	11.5988944
wavelet-HLH	firstorder	Mean	-2.525406272
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.018126089
wavelet-HLH	glrlm	GrayLevelVariance	3.198950725
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.019122761
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.19436988
wavelet-HLH	glrlm	RunVariance	0.215609476
wavelet-HLH	glrlm	GrayLevelNonUniformity	22.59368039
wavelet-HLH	glrlm	LongRunEmphasis	1.598148189
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	97.01390892
wavelet-HLH	glrlm	RunLengthNonUniformity	87.50034538
wavelet-HLH	glrlm	ShortRunEmphasis	0.889139294
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	178.7483426
wavelet-HLH	glrlm	RunPercentage	0.854072398
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024424449
wavelet-HLH	glrlm	RunEntropy	3.202547229
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	109.6949351
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.750684972
wavelet-HLH	glszm	GrayLevelVariance	8.126951093
wavelet-HLH	glszm	ZoneVariance	87.91467222
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.152965661
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.448491155
wavelet-HLH	glszm	SizeZoneNonUniformity	13.90322581
wavelet-HLH	glszm	GrayLevelNonUniformity	4.741935484
wavelet-HLH	glszm	LargeAreaEmphasis	107.1612903
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	69.49641378
wavelet-HLH	glszm	ZonePercentage	0.227941176
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.987351057
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	12262.35484
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	103.0322581
wavelet-HLH	glszm	SmallAreaEmphasis	0.690604421
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.045834432
wavelet-HLH	glszm	ZoneEntropy	3.953565665
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.042506419
wavelet-HLH	ngtdm	Coarseness	0.046796245
wavelet-HLH	ngtdm	Complexity	59.50660522
wavelet-HLH	ngtdm	Strength	2.691369584
wavelet-HLH	ngtdm	Contrast	0.073306515
wavelet-HLH	ngtdm	Busyness	0.174673402

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	502: RTSTRUCT: C99-DNU_segment_ITV (1, 0, 1, 2, 4, 3)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	d17f0cc2f36e31c3c4a6b75adf86b46ae70033
general	info	ImageHash	e8
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	32f349f3554876128e26aa60830c8eba3eec95
general	info	NumpyVersion	28
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	14
original	shape	Maximum2DDiameterSlice	9.486832981
original	shape	Sphericity	6.708203932
original	shape	MinorAxis	1.021993642
original	shape	Elongation	8.22013146
original	shape	SurfaceVolumeRatio	0.814762667
original	shape	Volume	0.654443257
original	shape	MajorAxis	378
original	shape	SurfaceArea	10.08898885
original	shape	Flatness	247.3795511
original	shape	LeastAxis	0.585439383
original	shape	Maximum2DDiameterColumn	5.906491407
original	shape	Maximum2DDiameterRow	6.708203932
original	gldm	GrayLevelVariance	9.486832981
original	gldm	HighGrayLevelEmphasis	82.45408163
original	gldm	DependenceEntropy	398.7857143
original	gldm	DependenceNonUniformity	3.521640636
original	gldm	GrayLevelNonUniformity	10.57142857
original	gldm	SmallDependenceEmphasis	1.285714286
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.892857143
original	gldm	DependenceNonUniformityNormalized	346.9285714
original	gldm	LargeDependenceEmphasis	0.755102041
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.755102041
original	gldm	DependenceVariance	1.428571429
original	gldm	LargeDependenceHighGrayLevelEmphasis	0.077152378
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.12244898
original	gldm	SmallDependenceHighGrayLevelEmphasis	606.2142857
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.076045531

original	gldm	LowGrayLevelEmphasis	0.0762669
original	glcm	JointAverage	19.63814103
original	glcm	SumAverage	39.27628205
original	glcm	JointEntropy	3.070262097
original	glcm	ClusterShade	224.866705
original	glcm	MaximumProbability	0.139102564
original	glcm	Idmn	0.871814377
original	glcm	JointEnergy	0.130555556
original	glcm	Contrast	175.2455128
original	glcm	DifferenceEntropy	1.942056969
original	glcm	InverseVariance	0.115967093
original	glcm	DifferenceVariance	44.83899038
original	glcm	Idn	0.76264734
original	glcm	Idm	0.091001994
original	glcm	Correlation	-0.199994719
original	glcm	Autocorrelation	372.4064103
original	glcm	SumEntropy	2.039492867
original	glcm	SumSquares	72.15069311
original	glcm	ClusterProminence	29921.0159
original	glcm	Imc2	0.99713051
original	glcm	Imc1	-0.941722085
original	glcm	DifferenceAverage	11.12115385
original	glcm	Id	0.160007549
original	glcm	ClusterTendency	113.3572596
original	firstorder	InterquartileRange	305
original	firstorder	Skewness	0.022957734
original	firstorder	Uniformity	0.091836735
original	firstorder	Median	-351
original	firstorder	Energy	2357716
original	firstorder	RobustMeanAbsoluteDeviation	130.92
original	firstorder	MeanAbsoluteDeviation	191.2040816
original	firstorder	TotalEnergy	63658332
original	firstorder	Maximum	6
original	firstorder	RootMeanSquared	410.375786
original	firstorder	90Percentile	-15.1
original	firstorder	Minimum	-755
original	firstorder	Entropy	3.521640636
original	firstorder	Range	761
original	firstorder	Variance	51737.2449
original	firstorder	10Percentile	-594.4
original	firstorder	Kurtosis	2.016056657
original	firstorder	Mean	-341.5714286
original	glrlm	ShortRunLowGrayLevelEmphasis	0.076696789
original	glrlm	GrayLevelVariance	82.8288018
original	glrlm	LowGrayLevelRunEmphasis	0.076705958
original	glrlm	GrayLevelNonUniformityNormalized	0.091599863
original	glrlm	RunVariance	0.005461994
original	glrlm	GrayLevelNonUniformity	1.275570583
original	glrlm	LongRunEmphasis	1.017751479
original	glrlm	ShortRunHighGrayLevelEmphasis	396.1335587
original	glrlm	RunLengthNonUniformity	13.78106509
original	glrlm	ShortRunEmphasis	0.99556213
original	glrlm	LongRunHighGrayLevelEmphasis	406.8732037

original	glrlm	RunPercentage	0.994505495
original	glrlm	LongRunLowGrayLevelEmphasis	0.076742635
original	glrlm	RunEntropy	3.523560092
original	glrlm	HighGrayLevelRunEmphasis	398.2814877
original	glrlm	RunLengthNonUniformityNormalized	0.989076013
original	glszm	GrayLevelVariance	87.32544379
original	glszm	ZoneVariance	0.071005917
original	glszm	GrayLevelNonUniformityNormalized	0.088757396
original	glszm	SizeZoneNonUniformityNormalized	0.857988166
original	glszm	SizeZoneNonUniformity	11.15384615
original	glszm	GrayLevelNonUniformity	1.153846154
original	glszm	LargeAreaEmphasis	1.230769231
original	glszm	SmallAreaHighGrayLevelEmphasis	364.3076923
original	glszm	ZonePercentage	0.928571429
original	glszm	LargeAreaLowGrayLevelEmphasis	0.082451449
original	glszm	LargeAreaHighGrayLevelEmphasis	503.9230769
original	glszm	HighGrayLevelZoneEmphasis	392.2307692
original	glszm	SmallAreaEmphasis	0.942307692
original	glszm	LowGrayLevelZoneEmphasis	0.081974653
original	glszm	ZoneEntropy	3.546593564
original	glszm	SmallAreaLowGrayLevelEmphasis	0.081855454
original	ngtdm	Coarseness	0.094800484
original	ngtdm	Complexity	1290.650227
original	ngtdm	Strength	33.37535817
original	ngtdm	Contrast	11.12263238
original	ngtdm	Busyness	0.077971791
wavelet-HHH	gldm	GrayLevelVariance	6.37244898
wavelet-HHH	gldm	HighGrayLevelEmphasis	46.78571429
wavelet-HHH	gldm	DependenceEntropy	3.093069208
wavelet-HHH	gldm	DependenceNonUniformity	8.285714286
wavelet-HHH	gldm	GrayLevelNonUniformity	1.714285714
wavelet-HHH	gldm	SmallDependenceEmphasis	0.785714286
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	37.25
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.591836735
wavelet-HHH	gldm	LargeDependenceEmphasis	1.857142857
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.124809191
wavelet-HHH	gldm	DependenceVariance	0.204081633
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	84.92857143
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.095010084
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.100969905
wavelet-HHH	glcm	JointAverage	6.186217949
wavelet-HHH	glcm	SumAverage	12.3724359
wavelet-HHH	glcm	JointEntropy	3.067056969
wavelet-HHH	glcm	ClusterShade	0.157442219
wavelet-HHH	glcm	MaximumProbability	0.140705128
wavelet-HHH	glcm	ldmn	0.899696826
wavelet-HHH	glcm	JointEnergy	0.129286859
wavelet-HHH	glcm	Contrast	13.24423077
wavelet-HHH	glcm	DifferenceEntropy	1.520570551
wavelet-HHH	glcm	InverseVariance	0.345113409
wavelet-HHH	glcm	DifferenceVariance	3.484887821
wavelet-HHH	glcm	ldn	0.788082888
wavelet-HHH	glcm	ldm	0.23197847



wavelet-HHH	glcm	Correlation	-0.1939022
wavelet-HHH	glcm	Autocorrelation	37.60128205
wavelet-HHH	glcm	SumEntropy	1.875409573
wavelet-HHH	glcm	SumSquares	5.65018563
wavelet-HHH	glcm	ClusterProminence	234.8358254
wavelet-HHH	glcm	Imc2	0.986745554
wavelet-HHH	glcm	Imc1	-0.813551315
wavelet-HHH	glcm	DifferenceAverage	2.98525641
wavelet-HHH	glcm	Id	0.326441036
wavelet-HHH	glcm	ClusterTendency	9.356511752
wavelet-HHH	firstorder	InterquartileRange	82.74569186
wavelet-HHH	firstorder	Skewness	-0.487554289
wavelet-HHH	firstorder	Uniformity	0.12244898
wavelet-HHH	firstorder	Median	22.65594672
wavelet-HHH	firstorder	Energy	56125.57429
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	28.87040243
wavelet-HHH	firstorder	MeanAbsoluteDeviation	47.75543442
wavelet-HHH	firstorder	TotalEnergy	1515390.506
wavelet-HHH	firstorder	Maximum	109.2329345
wavelet-HHH	firstorder	RootMeanSquared	63.31642435
wavelet-HHH	firstorder	90Percentile	93.56470856
wavelet-HHH	firstorder	Minimum	-114.9660454
wavelet-HHH	firstorder	Entropy	3.093069208
wavelet-HHH	firstorder	Range	224.1989799
wavelet-HHH	firstorder	Variance	3610.440196
wavelet-HHH	firstorder	10Percentile	-47.70262492
wavelet-HHH	firstorder	Kurtosis	2.726623692
wavelet-HHH	firstorder	Mean	19.96320105
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.101588817
wavelet-HHH	glrlm	GrayLevelVariance	6.418927016
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.101835673
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.122727653
wavelet-HHH	glrlm	RunVariance	0.010923987
wavelet-HHH	glrlm	GrayLevelNonUniformity	1.699070161
wavelet-HHH	glrlm	LongRunEmphasis	1.035502959
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	46.41779374
wavelet-HHH	glrlm	RunLengthNonUniformity	13.56213018
wavelet-HHH	glrlm	ShortRunEmphasis	0.99112426
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	48.39264582
wavelet-HHH	glrlm	RunPercentage	0.989010989
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.102823099
wavelet-HHH	glrlm	RunEntropy	3.091836269
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	46.81276416
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.978152025
wavelet-HHH	glszm	GrayLevelVariance	7.055555556
wavelet-HHH	glszm	ZoneVariance	0.138888889
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.125
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.722222222
wavelet-HHH	glszm	SizeZoneNonUniformity	8.666666667
wavelet-HHH	glszm	GrayLevelNonUniformity	1.5
wavelet-HHH	glszm	LargeAreaEmphasis	1.5
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	41.60416667
wavelet-HHH	glszm	ZonePercentage	0.857142857

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.127069056
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	69.41666667
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	47.16666667
wavelet-HHH	glszm	SmallAreaEmphasis	0.875
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.113162806
wavelet-HHH	glszm	ZoneEntropy	3.084962501
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.109686244
wavelet-HHH	ngtdm	Coarseness	0.265073819
wavelet-HHH	ngtdm	Complexity	77.65008503
wavelet-HHH	ngtdm	Strength	7.567187774
wavelet-HHH	ngtdm	Contrast	0.428457483
wavelet-HHH	ngtdm	Busyness	0.09568021
wavelet-HLL	gldm	GrayLevelVariance	130.6938776
wavelet-HLL	gldm	HighGrayLevelEmphasis	449.5714286
wavelet-HLL	gldm	DependenceEntropy	3.235926351
wavelet-HLL	gldm	DependenceNonUniformity	7.142857143
wavelet-HLL	gldm	GrayLevelNonUniformity	1.571428571
wavelet-HLL	gldm	SmallDependenceEmphasis	0.571428571
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	343.8214286
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.510204082
wavelet-HLL	gldm	LargeDependenceEmphasis	2.714285714
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.611421141
wavelet-HLL	gldm	DependenceVariance	0.244897959
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	872.5714286
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.039997249
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.154282027
wavelet-HLL	glcm	JointAverage	19.06346154
wavelet-HLL	glcm	SumAverage	38.12692308
wavelet-HLL	glcm	JointEntropy	3.022185174
wavelet-HLL	glcm	ClusterShade	-836.8709551
wavelet-HLL	glcm	MaximumProbability	0.147115385
wavelet-HLL	glcm	Idmn	0.883773013
wavelet-HLL	glcm	JointEnergy	0.132625534
wavelet-HLL	glcm	Contrast	193.4487179
wavelet-HLL	glcm	DifferenceEntropy	1.915567666
wavelet-HLL	glcm	InverseVariance	0.086015042
wavelet-HLL	glcm	DifferenceVariance	52.24596154
wavelet-HLL	glcm	Idn	0.788180017
wavelet-HLL	glcm	Idm	0.112177546
wavelet-HLL	glcm	Correlation	0.100551485
wavelet-HLL	glcm	Autocorrelation	387.1371795
wavelet-HLL	glcm	SumEntropy	2.031800559
wavelet-HLL	glcm	SumSquares	117.3534669
wavelet-HLL	glcm	ClusterProminence	154422.3307
wavelet-HLL	glcm	Imc2	0.995051549
wavelet-HLL	glcm	Imc1	-0.895169795
wavelet-HLL	glcm	DifferenceAverage	10.91923077
wavelet-HLL	glcm	Id	0.19146362
wavelet-HLL	glcm	ClusterTendency	275.9651496
wavelet-HLL	firstorder	InterquartileRange	544.1159694
wavelet-HLL	firstorder	Skewness	-0.330878524
wavelet-HLL	firstorder	Uniformity	0.112244898
wavelet-HLL	firstorder	Median	108.4339559

wavelet-HLL	firstorder	Energy	1159433.589
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	201.8387503
wavelet-HLL	firstorder	MeanAbsoluteDeviation	260.0460068
wavelet-HLL	firstorder	TotalEnergy	31304706.9
wavelet-HLL	firstorder	Maximum	432.0162078
wavelet-HLL	firstorder	RootMeanSquared	287.778882
wavelet-HLL	firstorder	90Percentile	299.3422795
wavelet-HLL	firstorder	Minimum	-423.4255926
wavelet-HLL	firstorder	Entropy	3.235926351
wavelet-HLL	firstorder	Range	855.4418003
wavelet-HLL	firstorder	Variance	82779.53547
wavelet-HLL	firstorder	10Percentile	-394.2369183
wavelet-HLL	firstorder	Kurtosis	1.591561384
wavelet-HLL	firstorder	Mean	6.095034119
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.146123699
wavelet-HLL	grlm	GrayLevelVariance	130.1282337
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.151250324
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.112185551
wavelet-HLL	grlm	RunVariance	0.021607748
wavelet-HLL	grlm	GrayLevelNonUniformity	1.536207382
wavelet-HLL	grlm	LongRunEmphasis	1.073964497
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	450.4204529
wavelet-HLL	grlm	RunLengthNonUniformity	13.15187377
wavelet-HLL	grlm	ShortRunEmphasis	0.981508876
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	472.3527754
wavelet-HLL	grlm	RunPercentage	0.978021978
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.171756826
wavelet-HLL	grlm	RunEntropy	3.237591937
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	454.8069174
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.956784504
wavelet-HLL	glszm	GrayLevelVariance	126.69
wavelet-HLL	glszm	ZoneVariance	0.24
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.1
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.52
wavelet-HLL	glszm	SizeZoneNonUniformity	5.2
wavelet-HLL	glszm	GrayLevelNonUniformity	1
wavelet-HLL	glszm	LargeAreaEmphasis	2.2
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	456.675
wavelet-HLL	glszm	ZonePercentage	0.714285714
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.429326425
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	826.8
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	530.7
wavelet-HLL	glszm	SmallAreaEmphasis	0.7
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.109329045
wavelet-HLL	glszm	ZoneEntropy	3.321928095
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.0293297
wavelet-HLL	ngtdm	Coarseness	0.08362964
wavelet-HLL	ngtdm	Complexity	1194.437925
wavelet-HLL	ngtdm	Strength	50.55108359
wavelet-HLL	ngtdm	Contrast	21.53781758
wavelet-HLL	ngtdm	Busyness	0.105153745
wavelet-LHL	gldm	GrayLevelVariance	187.6938776
wavelet-LHL	gldm	HighGrayLevelEmphasis	622.7142857

wavelet-LHL	gldm	DependenceEntropy	3.521640636
wavelet-LHL	gldm	DependenceNonUniformity	8.285714286
wavelet-LHL	gldm	GrayLevelNonUniformity	1.571428571
wavelet-LHL	gldm	SmallDependenceEmphasis	0.785714286
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	334.5
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.591836735
wavelet-LHL	gldm	LargeDependenceEmphasis	1.857142857
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.079516873
wavelet-LHL	gldm	DependenceVariance	0.204081633
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1775.571429
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.078590145
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.078775491
wavelet-LHL	glcm	JointAverage	20.71955128
wavelet-LHL	glcm	SumAverage	41.43910256
wavelet-LHL	glcm	JointEntropy	3.0478262
wavelet-LHL	glcm	ClusterShade	-456.2263733
wavelet-LHL	glcm	MaximumProbability	0.140705128
wavelet-LHL	glcm	ldmn	0.844633315
wavelet-LHL	glcm	JointEnergy	0.130488782
wavelet-LHL	glcm	Contrast	408.3762821
wavelet-LHL	glcm	DifferenceEntropy	1.974542025
wavelet-LHL	glcm	InverseVariance	0.052574649
wavelet-LHL	glcm	DifferenceVariance	69.94369124
wavelet-LHL	glcm	ldn	0.7451247
wavelet-LHL	glcm	ldm	0.065098001
wavelet-LHL	glcm	Correlation	-0.109626766
wavelet-LHL	glcm	Autocorrelation	424.7153846
wavelet-LHL	glcm	SumEntropy	2.018980046
wavelet-LHL	glcm	SumSquares	185.8259014
wavelet-LHL	glcm	ClusterProminence	254629.8492
wavelet-LHL	glcm	lmc2	0.996155555
wavelet-LHL	glcm	lmc1	-0.917713221
wavelet-LHL	glcm	DifferenceAverage	16.79423077
wavelet-LHL	glcm	ld	0.129345871
wavelet-LHL	glcm	ClusterTendency	334.9273237
wavelet-LHL	firstorder	InterquartileRange	510.3712911
wavelet-LHL	firstorder	Skewness	0.191305817
wavelet-LHL	firstorder	Uniformity	0.112244898
wavelet-LHL	firstorder	Median	22.66556479
wavelet-LHL	firstorder	Energy	1675786.218
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	247.9485672
wavelet-LHL	firstorder	MeanAbsoluteDeviation	320.7307846
wavelet-LHL	firstorder	TotalEnergy	45246227.88
wavelet-LHL	firstorder	Maximum	574.0651467
wavelet-LHL	firstorder	RootMeanSquared	345.9754551
wavelet-LHL	firstorder	90Percentile	485.7899297
wavelet-LHL	firstorder	Minimum	-493.0221614
wavelet-LHL	firstorder	Entropy	3.324862958
wavelet-LHL	firstorder	Range	1067.087308
wavelet-LHL	firstorder	Variance	119589.6115
wavelet-LHL	firstorder	10Percentile	-369.549198
wavelet-LHL	firstorder	Kurtosis	1.66088208
wavelet-LHL	firstorder	Mean	10.45964136

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.079689832
wavelet-LHL	grlm	GrayLevelVariance	186.3681922
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.079697509
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.111362433
wavelet-LHL	grlm	RunVariance	0.010923987
wavelet-LHL	grlm	GrayLevelNonUniformity	1.542688081
wavelet-LHL	grlm	LongRunEmphasis	1.035502959
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	602.228656
wavelet-LHL	grlm	RunLengthNonUniformity	13.56213018
wavelet-LHL	grlm	ShortRunEmphasis	0.99112426
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	661.9180051
wavelet-LHL	grlm	RunPercentage	0.989010989
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.079728217
wavelet-LHL	grlm	RunEntropy	3.342674249
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	614.1665258
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.978152025
wavelet-LHL	glszm	GrayLevelVariance	166.2222222
wavelet-LHL	glszm	ZoneVariance	0.138888889
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.097222222
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.722222222
wavelet-LHL	glszm	SizeZoneNonUniformity	8.666666667
wavelet-LHL	glszm	GrayLevelNonUniformity	1.166666667
wavelet-LHL	glszm	LargeAreaEmphasis	1.5
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	334.2083333
wavelet-LHL	glszm	ZonePercentage	0.857142857
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.092193055
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1174.833333
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	502.3333333
wavelet-LHL	glszm	SmallAreaEmphasis	0.875
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.091760581
wavelet-LHL	glszm	ZoneEntropy	3.584962501
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.091652463
wavelet-LHL	ngtdm	Coarseness	0.054474708
wavelet-LHL	ngtdm	Complexity	2437.327338
wavelet-LHL	ngtdm	Strength	49.10673754
wavelet-LHL	ngtdm	Contrast	40.40003345
wavelet-LHL	ngtdm	Busyness	0.073428571
wavelet-LHH	gldm	GrayLevelVariance	61.26530612
wavelet-LHH	gldm	HighGrayLevelEmphasis	185.4285714
wavelet-LHH	gldm	DependenceEntropy	3.664497779
wavelet-LHH	gldm	DependenceNonUniformity	10.57142857
wavelet-LHH	gldm	GrayLevelNonUniformity	1.142857143
wavelet-LHH	gldm	SmallDependenceEmphasis	0.892857143
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	178.5714286
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.755102041
wavelet-LHH	gldm	LargeDependenceEmphasis	1.428571429
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.113059758
wavelet-LHH	gldm	DependenceVariance	0.12244898
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	212.8571429
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.104689222
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.106363329
wavelet-LHH	glcm	JointAverage	11.37083333
wavelet-LHH	glcm	SumAverage	22.74166667

wavelet-LHH	glcm	JointEntropy	3.076672354
wavelet-LHH	glcm	ClusterShade	49.75133752
wavelet-LHH	glcm	MaximumProbability	0.135897436
wavelet-LHH	glcm	Idmn	0.885031775
wavelet-LHH	glcm	JointEnergy	0.128685897
wavelet-LHH	glcm	Contrast	136.2224359
wavelet-LHH	glcm	DifferenceEntropy	1.921977923
wavelet-LHH	glcm	InverseVariance	0.090892469
wavelet-LHH	glcm	DifferenceVariance	38.87467415
wavelet-LHH	glcm	Idn	0.780945118
wavelet-LHH	glcm	Idm	0.081787553
wavelet-LHH	glcm	Correlation	-0.317438374
wavelet-LHH	glcm	Autocorrelation	123.1628205
wavelet-LHH	glcm	SumEntropy	1.96256979
wavelet-LHH	glcm	SumSquares	52.43126469
wavelet-LHH	glcm	ClusterProminence	16943.69321
wavelet-LHH	glcm	Imc2	0.997811269
wavelet-LHH	glcm	Imc1	-0.970296312
wavelet-LHH	glcm	DifferenceAverage	9.282692308
wavelet-LHH	glcm	Id	0.171425457
wavelet-LHH	glcm	ClusterTendency	73.50262286
wavelet-LHH	firstorder	InterquartileRange	250.0850004
wavelet-LHH	firstorder	Skewness	0.692440212
wavelet-LHH	firstorder	Uniformity	0.081632653
wavelet-LHH	firstorder	Median	5.427713947
wavelet-LHH	firstorder	Energy	578205.2661
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	104.7903966
wavelet-LHH	firstorder	MeanAbsoluteDeviation	164.2150835
wavelet-LHH	firstorder	TotalEnergy	15611542.18
wavelet-LHH	firstorder	Maximum	488.3643101
wavelet-LHH	firstorder	RootMeanSquared	203.2249398
wavelet-LHH	firstorder	90Percentile	294.4083542
wavelet-LHH	firstorder	Minimum	-218.8322862
wavelet-LHH	firstorder	Entropy	3.664497779
wavelet-LHH	firstorder	Range	707.1965963
wavelet-LHH	firstorder	Variance	39805.1812
wavelet-LHH	firstorder	10Percentile	-192.0463784
wavelet-LHH	firstorder	Kurtosis	2.739656119
wavelet-LHH	firstorder	Mean	38.66775073
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.1068309
wavelet-LHH	grlm	GrayLevelVariance	61.56487975
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.106900242
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.081270378
wavelet-LHH	grlm	RunVariance	0.005461994
wavelet-LHH	grlm	GrayLevelNonUniformity	1.131868132
wavelet-LHH	grlm	LongRunEmphasis	1.017751479
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	185.86306
wavelet-LHH	grlm	RunLengthNonUniformity	13.78106509
wavelet-LHH	grlm	ShortRunEmphasis	0.99556213
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	187.2831784
wavelet-LHH	grlm	RunPercentage	0.994505495
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.107177609
wavelet-LHH	grlm	RunEntropy	3.667262544

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	186.1470837
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.989076013
wavelet-LHH	glszm	GrayLevelVariance	65.15976331
wavelet-LHH	glszm	ZoneVariance	0.071005917
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.076923077
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.857988166
wavelet-LHH	glszm	SizeZoneNonUniformity	11.15384615
wavelet-LHH	glszm	GrayLevelNonUniformity	1
wavelet-LHH	glszm	LargeAreaEmphasis	1.230769231
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	191.0769231
wavelet-LHH	glszm	ZonePercentage	0.928571429
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.11694897
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	209.5384615
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	194.7692308
wavelet-LHH	glszm	SmallAreaEmphasis	0.942307692
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.1133432
wavelet-LHH	glszm	ZoneEntropy	3.700439718
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.112441758
wavelet-LHH	ngtdm	Coarseness	0.125166303
wavelet-LHH	ngtdm	Complexity	1039.13407
wavelet-LHH	ngtdm	Strength	31.46062297
wavelet-LHH	ngtdm	Contrast	5.864512694
wavelet-LHH	ngtdm	Busyness	0.073201041
wavelet-LLH	gldm	GrayLevelVariance	108.7755102
wavelet-LLH	gldm	HighGrayLevelEmphasis	355.7142857
wavelet-LLH	gldm	DependenceEntropy	3.664497779
wavelet-LLH	gldm	DependenceNonUniformity	10.57142857
wavelet-LLH	gldm	GrayLevelNonUniformity	1.142857143
wavelet-LLH	gldm	SmallDependenceEmphasis	0.892857143
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	350.4642857
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.755102041
wavelet-LLH	gldm	LargeDependenceEmphasis	1.428571429
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.095944074
wavelet-LLH	gldm	DependenceVariance	0.12244898
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	376.7142857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.08501113
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.087197719
wavelet-LLH	glcm	JointAverage	16.46762821
wavelet-LLH	glcm	SumAverage	32.93525641
wavelet-LLH	glcm	JointEntropy	3.080518508
wavelet-LLH	glcm	ClusterShade	941.3487971
wavelet-LLH	glcm	MaximumProbability	0.133974359
wavelet-LLH	glcm	ldmn	0.82011063
wavelet-LLH	glcm	JointEnergy	0.127820513
wavelet-LLH	glcm	Contrast	322.4019231
wavelet-LLH	glcm	DifferenceEntropy	1.954877482
wavelet-LLH	glcm	InverseVariance	0.035765948
wavelet-LLH	glcm	DifferenceVariance	33.89305021
wavelet-LLH	glcm	ldn	0.716806679
wavelet-LLH	glcm	ldm	0.042893459
wavelet-LLH	glcm	Correlation	-0.341800051
wavelet-LLH	glcm	Autocorrelation	231.0564103
wavelet-LLH	glcm	SumEntropy	2.018980046

wavelet-LLH	glcm	SumSquares	117.4755596
wavelet-LLH	glcm	ClusterProminence	80143.34583
wavelet-LLH	glcm	Imc2	0.997639633
wavelet-LLH	glcm	Imc1	-0.960891446
wavelet-LLH	glcm	DifferenceAverage	15.46730769
wavelet-LLH	glcm	Id	0.110554856
wavelet-LLH	glcm	ClusterTendency	147.5003152
wavelet-LLH	firstorder	InterquartileRange	386.5746601
wavelet-LLH	firstorder	Skewness	0.340612728
wavelet-LLH	firstorder	Uniformity	0.081632653
wavelet-LLH	firstorder	Median	78.7805313
wavelet-LLH	firstorder	Energy	1046827.15
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	152.7178351
wavelet-LLH	firstorder	MeanAbsoluteDeviation	222.8484378
wavelet-LLH	firstorder	TotalEnergy	28264333.06
wavelet-LLH	firstorder	Maximum	567.3203821
wavelet-LLH	firstorder	RootMeanSquared	273.447194
wavelet-LLH	firstorder	90Percentile	447.5790465
wavelet-LLH	firstorder	Minimum	-291.6866362
wavelet-LLH	firstorder	Entropy	3.664497779
wavelet-LLH	firstorder	Range	859.0070183
wavelet-LLH	firstorder	Variance	68094.72636
wavelet-LLH	firstorder	10Percentile	-222.6555327
wavelet-LLH	firstorder	Kurtosis	2.016435031
wavelet-LLH	firstorder	Mean	81.7229559
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.087502354
wavelet-LLH	glrlm	GrayLevelVariance	108.9352457
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.087592923
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.081270378
wavelet-LLH	glrlm	RunVariance	0.005461994
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.131868132
wavelet-LLH	glrlm	LongRunEmphasis	1.017751479
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	357.3117075
wavelet-LLH	glrlm	RunLengthNonUniformity	13.78106509
wavelet-LLH	glrlm	ShortRunEmphasis	0.99556213
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	358.3989856
wavelet-LLH	glrlm	RunPercentage	0.994505495
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.087955198
wavelet-LLH	glrlm	RunEntropy	3.667262544
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	357.5291631
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.989076013
wavelet-LLH	glszm	GrayLevelVariance	110.852071
wavelet-LLH	glszm	ZoneVariance	0.071005917
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.076923077
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.857988166
wavelet-LLH	glszm	SizeZoneNonUniformity	11.15384615
wavelet-LLH	glszm	GrayLevelNonUniformity	1
wavelet-LLH	glszm	LargeAreaEmphasis	1.230769231
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	376.4807692
wavelet-LLH	glszm	ZonePercentage	0.928571429
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.097044953
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	390.6153846
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	379.3076923



wavelet-LLH	glszm	SmallAreaEmphasis	0.942307692
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.092335377
wavelet-LLH	glszm	ZoneEntropy	3.700439718
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.091157983
wavelet-LLH	ngtdm	Coarseness	0.089121291
wavelet-LLH	ngtdm	Complexity	1774.61593
wavelet-LLH	ngtdm	Strength	41.61274404
wavelet-LLH	ngtdm	Contrast	13.69714297
wavelet-LLH	ngtdm	Busyness	0.079821792
wavelet-LLL	gldm	GrayLevelVariance	177.2040816
wavelet-LLL	gldm	HighGrayLevelEmphasis	890.8571429
wavelet-LLL	gldm	DependenceEntropy	3.324862958
wavelet-LLL	gldm	DependenceNonUniformity	6.714285714
wavelet-LLL	gldm	GrayLevelNonUniformity	1.571428571
wavelet-LLL	gldm	SmallDependenceEmphasis	0.702380952
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	662.4285714
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.479591837
wavelet-LLL	gldm	LargeDependenceEmphasis	3.142857143
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.077259691
wavelet-LLL	gldm	DependenceVariance	0.673469388
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2841.714286
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.072777362
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.073498919
wavelet-LLL	glcm	JointAverage	29.44134615
wavelet-LLL	glcm	SumAverage	58.88269231
wavelet-LLL	glcm	JointEntropy	3.035005687
wavelet-LLL	glcm	ClusterShade	-556.399746
wavelet-LLL	glcm	MaximumProbability	0.156730769
wavelet-LLL	glcm	ldmn	0.893961823
wavelet-LLL	glcm	JointEnergy	0.133293269
wavelet-LLL	glcm	Contrast	322.6903846
wavelet-LLL	glcm	DifferenceEntropy	1.936928764
wavelet-LLL	glcm	InverseVariance	0.062392851
wavelet-LLL	glcm	DifferenceVariance	104.8825588
wavelet-LLL	glcm	ldn	0.793766886
wavelet-LLL	glcm	ldm	0.104645476
wavelet-LLL	glcm	Correlation	-0.082956349
wavelet-LLL	glcm	Autocorrelation	857.9442308
wavelet-LLL	glcm	SumEntropy	2.070262097
wavelet-LLL	glcm	SumSquares	147.9971568
wavelet-LLL	glcm	ClusterProminence	136369.8708
wavelet-LLL	glcm	lmc2	0.994187518
wavelet-LLL	glcm	lmc1	-0.87963057
wavelet-LLL	glcm	DifferenceAverage	14.26602564
wavelet-LLL	glcm	ld	0.171974232
wavelet-LLL	glcm	ClusterTendency	269.2982425
wavelet-LLL	firstorder	InterquartileRange	492.8033416
wavelet-LLL	firstorder	Skewness	-0.19540392
wavelet-LLL	firstorder	Uniformity	0.112244898
wavelet-LLL	firstorder	Median	-1165.954412
wavelet-LLL	firstorder	Energy	25125891.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	222.7981013
wavelet-LLL	firstorder	MeanAbsoluteDeviation	298.6887959

wavelet-LLL	firstorder	TotalEnergy	678399067.8
wavelet-LLL	firstorder	Maximum	-773.5859349
wavelet-LLL	firstorder	RootMeanSquared	1339.666574
wavelet-LLL	firstorder	90Percentile	-886.5622198
wavelet-LLL	firstorder	Minimum	-1933.843033
wavelet-LLL	firstorder	Entropy	3.324862958
wavelet-LLL	firstorder	Range	1160.257099
wavelet-LLL	firstorder	Variance	110959.1299
wavelet-LLL	firstorder	10Percentile	-1638.352163
wavelet-LLL	firstorder	Kurtosis	1.950854794
wavelet-LLL	firstorder	Mean	-1297.592925
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.07515718
wavelet-LLL	grlm	GrayLevelVariance	179.6128394
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.075192048
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.109569636
wavelet-LLL	grlm	RunVariance	0.021847975
wavelet-LLL	grlm	GrayLevelNonUniformity	1.502113271
wavelet-LLL	grlm	LongRunEmphasis	1.071005917
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	876.0830516
wavelet-LLL	grlm	RunLengthNonUniformity	13.12426036
wavelet-LLL	grlm	ShortRunEmphasis	0.982248521
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	952.9247675
wavelet-LLL	grlm	RunPercentage	0.978021978
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.075331519
wavelet-LLL	grlm	RunEntropy	3.37678665
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	891.4513948
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.956304051
wavelet-LLL	glszm	GrayLevelVariance	203.6528926
wavelet-LLL	glszm	ZoneVariance	0.380165289
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.090909091
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.685950413
wavelet-LLL	glszm	SizeZoneNonUniformity	7.545454545
wavelet-LLL	glszm	GrayLevelNonUniformity	1
wavelet-LLL	glszm	LargeAreaEmphasis	2
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	816.6363636
wavelet-LLL	glszm	ZonePercentage	0.785714286
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.094972599
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1763.454545
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	918
wavelet-LLL	glszm	SmallAreaEmphasis	0.851010101
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.092913298
wavelet-LLL	glszm	ZoneEntropy	3.459431619
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.092491227
wavelet-LLL	ngtdm	Coarseness	0.069368253
wavelet-LLL	ngtdm	Complexity	2305.673158
wavelet-LLL	ngtdm	Strength	51.26176256
wavelet-LLL	ngtdm	Contrast	37.61614163
wavelet-LLL	ngtdm	Busyness	0.066127598
wavelet-HHL	gldm	GrayLevelVariance	19.22959184
wavelet-HHL	gldm	HighGrayLevelEmphasis	77.64285714
wavelet-HHL	gldm	DependenceEntropy	3.378783493
wavelet-HHL	gldm	DependenceNonUniformity	8.285714286
wavelet-HHL	gldm	GrayLevelNonUniformity	1.428571429

wavelet-HHL	gldm	SmallDependenceEmphasis	0.785714286
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	70.35714286
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.591836735
wavelet-HHL	gldm	LargeDependenceEmphasis	1.857142857
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.239169988
wavelet-HHL	gldm	DependenceVariance	0.204081633
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	106.7857143
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.096870881
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.125330703
wavelet-HHL	glcm	JointAverage	7.307692308
wavelet-HHL	glcm	SumAverage	14.61538462
wavelet-HHL	glcm	JointEntropy	3.063851841
wavelet-HHL	glcm	ClusterShade	-3.860924145
wavelet-HHL	glcm	MaximumProbability	0.142307692
wavelet-HHL	glcm	Idmn	0.85162489
wavelet-HHL	glcm	JointEnergy	0.129754274
wavelet-HHL	glcm	Contrast	42.63589744
wavelet-HHL	glcm	DifferenceEntropy	1.824686617
wavelet-HHL	glcm	InverseVariance	0.240838855
wavelet-HHL	glcm	DifferenceVariance	9.721826923
wavelet-HHL	glcm	Idn	0.754353808
wavelet-HHL	glcm	Idm	0.170500559
wavelet-HHL	glcm	Correlation	-0.071718612
wavelet-HHL	glcm	Autocorrelation	51.94807692
wavelet-HHL	glcm	SumEntropy	1.981800559
wavelet-HHL	glcm	SumSquares	19.0592281
wavelet-HHL	glcm	ClusterProminence	2580.999898
wavelet-HHL	glcm	Imc2	0.991687418
wavelet-HHL	glcm	Imc1	-0.885640001
wavelet-HHL	glcm	DifferenceAverage	5.276923077
wavelet-HHL	glcm	Id	0.257360517
wavelet-HHL	glcm	ClusterTendency	33.60101496
wavelet-HHL	firstorder	InterquartileRange	203.9338031
wavelet-HHL	firstorder	Skewness	-0.041336484
wavelet-HHL	firstorder	Uniformity	0.102040816
wavelet-HHL	firstorder	Median	30.19755645
wavelet-HHL	firstorder	Energy	177719.83
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	71.97380458
wavelet-HHL	firstorder	MeanAbsoluteDeviation	94.63231802
wavelet-HHL	firstorder	TotalEnergy	4798435.409
wavelet-HHL	firstorder	Maximum	192.1366739
wavelet-HHL	firstorder	RootMeanSquared	112.6688669
wavelet-HHL	firstorder	90Percentile	157.8928915
wavelet-HHL	firstorder	Minimum	-133.6551542
wavelet-HHL	firstorder	Entropy	3.378783493
wavelet-HHL	firstorder	Range	325.7918281
wavelet-HHL	firstorder	Variance	12040.2181
wavelet-HHL	firstorder	10Percentile	-119.3477363
wavelet-HHL	firstorder	Kurtosis	1.612954809
wavelet-HHL	firstorder	Mean	25.57450813
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.124063351
wavelet-HHL	grlm	GrayLevelVariance	19.25344161
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.125242161

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.101817878
wavelet-HHL	grlm	RunVariance	0.010923987
wavelet-HHL	grlm	GrayLevelNonUniformity	1.409974641
wavelet-HHL	grlm	LongRunEmphasis	1.035502959
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	77.85756551
wavelet-HHL	grlm	RunLengthNonUniformity	13.56213018
wavelet-HHL	grlm	ShortRunEmphasis	0.99112426
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	79.36644125
wavelet-HHL	grlm	RunPercentage	0.989010989
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.129957397
wavelet-HHL	grlm	RunEntropy	3.380931788
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	78.15934066
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.978152025
wavelet-HHL	glszm	GrayLevelVariance	19.57638889
wavelet-HHL	glszm	ZoneVariance	0.138888889
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.097222222
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.722222222
wavelet-HHL	glszm	SizeZoneNonUniformity	8.666666667
wavelet-HHL	glszm	GrayLevelNonUniformity	1.166666667
wavelet-HHL	glszm	LargeAreaEmphasis	1.5
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	80.66666667
wavelet-HHL	glszm	ZonePercentage	0.857142857
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.190489986
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	101.9166667
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	84.91666667
wavelet-HHL	glszm	SmallAreaEmphasis	0.875
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.124083736
wavelet-HHL	glszm	ZoneEntropy	3.418295834
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.107482174
wavelet-HHL	ngtdm	Coarseness	0.174106151
wavelet-HHL	ngtdm	Complexity	258.0620748
wavelet-HHL	ngtdm	Strength	15.25881081
wavelet-HHL	ngtdm	Contrast	1.375028792
wavelet-HHL	ngtdm	Busyness	0.088949905
wavelet-HLH	gldm	GrayLevelVariance	25.48979592
wavelet-HLH	gldm	HighGrayLevelEmphasis	85
wavelet-HLH	gldm	DependenceEntropy	3.521640636
wavelet-HLH	gldm	DependenceNonUniformity	10.57142857
wavelet-HLH	gldm	GrayLevelNonUniformity	1.285714286
wavelet-HLH	gldm	SmallDependenceEmphasis	0.892857143
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	84.03571429
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.755102041
wavelet-HLH	gldm	LargeDependenceEmphasis	1.428571429
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.166038346
wavelet-HLH	gldm	DependenceVariance	0.12244898
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	88.85714286
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.106514537
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.118419298
wavelet-HLH	glcm	JointAverage	7.213141026
wavelet-HLH	glcm	SumAverage	14.42628205
wavelet-HLH	glcm	JointEntropy	3.070262097
wavelet-HLH	glcm	ClusterShade	87.85724938
wavelet-HLH	glcm	MaximumProbability	0.139102564

wavelet-HLH	glcm	Idmn	0.884775381
wavelet-HLH	glcm	JointEnergy	0.130555556
wavelet-HLH	glcm	Contrast	57.64294872
wavelet-HLH	glcm	DifferenceEntropy	1.858723636
wavelet-HLH	glcm	InverseVariance	0.165929987
wavelet-HLH	glcm	DifferenceVariance	14.48033654
wavelet-HLH	glcm	Idn	0.779099591
wavelet-HLH	glcm	Idm	0.129358334
wavelet-HLH	glcm	Correlation	-0.328501277
wavelet-HLH	glcm	Autocorrelation	47.60961538
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wavelet-HLH	glcm	SumSquares	20.77347089
wavelet-HLH	glcm	ClusterProminence	2765.187341
wavelet-HLH	glcm	Imc2	0.997085323
wavelet-HLH	glcm	Imc1	-0.942068175
wavelet-HLH	glcm	DifferenceAverage	6.109615385
wavelet-HLH	glcm	Id	0.224857621
wavelet-HLH	glcm	ClusterTendency	25.45093483
wavelet-HLH	firstorder	InterquartileRange	172.9857674
wavelet-HLH	firstorder	Skewness	0.698788231
wavelet-HLH	firstorder	Uniformity	0.091836735
wavelet-HLH	firstorder	Median	7.536349735
wavelet-HLH	firstorder	Energy	225008.6487
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	67.75933765
wavelet-HLH	firstorder	MeanAbsoluteDeviation	102.7654575
wavelet-HLH	firstorder	TotalEnergy	6075233.515
wavelet-HLH	firstorder	Maximum	295.5367848
wavelet-HLH	firstorder	RootMeanSquared	126.7755747
wavelet-HLH	firstorder	90Percentile	156.2047351
wavelet-HLH	firstorder	Minimum	-155.547354
wavelet-HLH	firstorder	Entropy	3.521640636
wavelet-HLH	firstorder	Range	451.0841388
wavelet-HLH	firstorder	Variance	16059.74546
wavelet-HLH	firstorder	10Percentile	-140.5790801
wavelet-HLH	firstorder	Kurtosis	2.770027135
wavelet-HLH	firstorder	Mean	3.507260843
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.117969446
wavelet-HLH	grlm	GrayLevelVariance	25.49900142
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.118462542
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.091599863
wavelet-HLH	grlm	RunVariance	0.005461994
wavelet-HLH	grlm	GrayLevelNonUniformity	1.275570583
wavelet-HLH	grlm	LongRunEmphasis	1.017751479
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	85.40976331
wavelet-HLH	grlm	RunLengthNonUniformity	13.78106509
wavelet-HLH	grlm	ShortRunEmphasis	0.99556213
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	85.60946746
wavelet-HLH	grlm	RunPercentage	0.994505495
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.120434929
wavelet-HLH	grlm	RunEntropy	3.523560092
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	85.44970414
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.989076013
wavelet-HLH	glszm	GrayLevelVariance	25.60946746

wavelet-HLH	glszm	ZoneVariance	0.071005917
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.088757396
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.857988166
wavelet-HLH	glszm	SizeZoneNonUniformity	11.15384615
wavelet-HLH	glszm	GrayLevelNonUniformity	1.153846154
wavelet-HLH	glszm	LargeAreaEmphasis	1.230769231
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	90.32692308
wavelet-HLH	glszm	ZonePercentage	0.928571429
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.144622492
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	92.92307692
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	90.84615385
wavelet-HLH	glszm	SmallAreaEmphasis	0.942307692
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.118981467
wavelet-HLH	glszm	ZoneEntropy	3.546593564
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.11257121
wavelet-HLH	ngtdm	Coarseness	0.176074263
wavelet-HLH	ngtdm	Complexity	391.8897392
wavelet-HLH	ngtdm	Strength	19.30706962
wavelet-HLH	ngtdm	Contrast	1.825625844
wavelet-HLH	ngtdm	Busyness	0.084587133

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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	48
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original	shape	MinorAxis	13.21850847
original	shape	Elongation	0.751768025
original	shape	SurfaceVolumeRatio	0.550506098
original	shape	Volume	1296
original	shape	MajorAxis	17.58322784
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original	shape	Flatness	0.55151147
original	shape	LeastAxis	9.697351826
original	shape	Maximum2DDiameterColumn	15
original	shape	Maximum2DDiameterRow	15.29705854
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original	gldm	HighGrayLevelEmphasis	833.8541667
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original	gldm	DependenceNonUniformity	26.875
original	gldm	GrayLevelNonUniformity	2.208333333
original	gldm	SmallDependenceEmphasis	0.774594907
original	gldm	SmallDependenceHighGrayLevelEmphasis	512.6539352
original	gldm	DependenceNonUniformityNormalized	0.559895833
original	gldm	LargeDependenceEmphasis	2.833333333
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.02564929
original	gldm	DependenceVariance	0.706597222
original	gldm	LargeDependenceHighGrayLevelEmphasis	3485.4375
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.024212397
original	gldm	LowGrayLevelEmphasis	0.024372677
original	glcm	JointAverage	29.25731939
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original	glcm	JointEntropy	5.328424272
original	glcm	ClusterShade	-2434.897836
original	glcm	MaximumProbability	0.042034929
original	glcm	Idmn	0.915027384
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original	glcm	DifferenceEntropy	3.575673813
original	glcm	InverseVariance	0.134115829
original	glcm	DifferenceVariance	64.27272399
original	glcm	Idn	0.814231771
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original	glcm	ClusterProminence	146471.792
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original	glcm	ClusterTendency	215.1501964
original	firstorder	InterquartileRange	449
original	firstorder	Skewness	-0.589176063
original	firstorder	Uniformity	0.046006944
original	firstorder	Median	-237.5
original	firstorder	Energy	7331516
original	firstorder	RobustMeanAbsoluteDeviation	172.8808864
original	firstorder	MeanAbsoluteDeviation	224.96875
original	firstorder	TotalEnergy	197950932
original	firstorder	Maximum	42
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original	firstorder	Minimum	-930
original	firstorder	Entropy	4.621115365
original	firstorder	Range	972
original	firstorder	Variance	69747.90972
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original	firstorder	Kurtosis	2.374581729
original	firstorder	Mean	-288.0833333
original	glrlm	ShortRunLowGrayLevelEmphasis	0.024794316
original	glrlm	GrayLevelVariance	110.1483783
original	glrlm	LowGrayLevelRunEmphasis	0.024803895
original	glrlm	GrayLevelNonUniformityNormalized	0.045323009
original	glrlm	RunVariance	0.017606401
original	glrlm	GrayLevelNonUniformity	2.137624825
original	glrlm	LongRunEmphasis	1.054650253
original	glrlm	ShortRunHighGrayLevelEmphasis	803.1556889
original	glrlm	RunLengthNonUniformity	45.51803885
original	glrlm	ShortRunEmphasis	0.986337437
original	glrlm	LongRunHighGrayLevelEmphasis	901.4883847
original	glrlm	RunPercentage	0.982371795
original	glrlm	LongRunLowGrayLevelEmphasis	0.024842213
original	glrlm	RunEntropy	4.671688442
original	glrlm	HighGrayLevelRunEmphasis	822.8222281
original	glrlm	RunLengthNonUniformityNormalized	0.964787198



original	glszm	GrayLevelVariance	103.499375
original	glszm	ZoneVariance	0.36
original	glszm	GrayLevelNonUniformityNormalized	0.0425
original	glszm	SizeZoneNonUniformityNormalized	0.7725
original	glszm	SizeZoneNonUniformity	30.9
original	glszm	GrayLevelNonUniformity	1.7
original	glszm	LargeAreaEmphasis	1.8
original	glszm	SmallAreaHighGrayLevelEmphasis	571.09375
original	glszm	ZonePercentage	0.833333333
original	glszm	LargeAreaLowGrayLevelEmphasis	0.029667275
original	glszm	LargeAreaHighGrayLevelEmphasis	1864.875
original	glszm	HighGrayLevelZoneEmphasis	714.825
original	glszm	SmallAreaEmphasis	0.898090278
original	glszm	LowGrayLevelZoneEmphasis	0.029105557
original	glszm	ZoneEntropy	4.78418372
original	glszm	SmallAreaLowGrayLevelEmphasis	0.029032083
original	ngtdm	Coarseness	0.061181759
original	ngtdm	Complexity	3230.078487
original	ngtdm	Strength	35.99074075
original	ngtdm	Contrast	2.300013529
original	ngtdm	Busyness	0.022978958
wavelet-HHH	gldm	GrayLevelVariance	14.13888889
wavelet-HHH	gldm	HighGrayLevelEmphasis	107.5833333
wavelet-HHH	gldm	DependenceEntropy	4.337581189
wavelet-HHH	gldm	DependenceNonUniformity	17.20833333
wavelet-HHH	gldm	GrayLevelNonUniformity	4.791666667
wavelet-HHH	gldm	SmallDependenceEmphasis	0.579826389
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	61.00274306
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.358506944
wavelet-HHH	gldm	LargeDependenceEmphasis	4.125
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.067279827
wavelet-HHH	gldm	DependenceVariance	0.914930556
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	462.8333333
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.033115056
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.037464309
wavelet-HHH	glcm	JointAverage	9.511926706
wavelet-HHH	glcm	SumAverage	19.02385341
wavelet-HHH	glcm	JointEntropy	5.048558472
wavelet-HHH	glcm	ClusterShade	16.86978001
wavelet-HHH	glcm	MaximumProbability	0.058691959
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wavelet-HHH	glcm	JointEnergy	0.033443441
wavelet-HHH	glcm	Contrast	28.2661769
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wavelet-HHH	glcm	DifferenceVariance	9.90733379
wavelet-HHH	glcm	Idn	0.832716653
wavelet-HHH	glcm	Idm	0.20076313
wavelet-HHH	glcm	Correlation	-0.011814275
wavelet-HHH	glcm	Autocorrelation	90.23731479
wavelet-HHH	glcm	SumEntropy	3.575832272
wavelet-HHH	glcm	SumSquares	13.83504949
wavelet-HHH	glcm	ClusterProminence	2309.034078
wavelet-HHH	glcm	Imc2	0.986033097
wavelet-HHH	glcm	Imc1	-0.533973747

wavelet-HHH	glcm	DifferenceAverage	4.221700547
wavelet-HHH	glcm	Id	0.296338629
wavelet-HHH	glcm	ClusterTendency	27.07402104
wavelet-HHH	firstorder	InterquartileRange	99.2245139
wavelet-HHH	firstorder	Skewness	0.308483749
wavelet-HHH	firstorder	Uniformity	0.099826389
wavelet-HHH	firstorder	Median	7.835259786
wavelet-HHH	firstorder	Energy	414069.9798
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	46.02912334
wavelet-HHH	firstorder	MeanAbsoluteDeviation	70.52026133
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wavelet-HHH	firstorder	Maximum	246.3736617
wavelet-HHH	firstorder	RootMeanSquared	92.87872692
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wavelet-HHH	firstorder	Minimum	-218.8171937
wavelet-HHH	firstorder	Entropy	3.563388283
wavelet-HHH	firstorder	Range	465.1908554
wavelet-HHH	firstorder	Variance	8609.328247
wavelet-HHH	firstorder	10Percentile	-92.68077123
wavelet-HHH	firstorder	Kurtosis	3.168325879
wavelet-HHH	firstorder	Mean	4.138800166
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.038129575
wavelet-HHH	glrlm	GrayLevelVariance	14.48846416
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.03836452
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098109546
wavelet-HHH	glrlm	RunVariance	0.033628843
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.568746322
wavelet-HHH	glrlm	LongRunEmphasis	1.101510721
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	104.8373021
wavelet-HHH	glrlm	RunLengthNonUniformity	43.96458238
wavelet-HHH	glrlm	ShortRunEmphasis	0.976521655
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	118.8176848
wavelet-HHH	glrlm	RunPercentage	0.969551282
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.039367088
wavelet-HHH	glrlm	RunEntropy	3.673907888
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	107.449523
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wavelet-HHH	glszm	GrayLevelNonUniformity	2.8125
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	80.87413194
wavelet-HHH	glszm	ZonePercentage	0.666666667
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.07401228
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	372.875
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	105.9375
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.0511212
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.048633282
wavelet-HHH	ngtdm	Coarseness	0.097028383
wavelet-HHH	ngtdm	Complexity	295.5132997

wavelet-HHH	ngtdm	Strength	8.496372396
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wavelet-HHH	ngtdm	Busyness	0.081904074
wavelet-HLL	gldm	GrayLevelVariance	172.280816
wavelet-HLL	gldm	HighGrayLevelEmphasis	880.0625
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wavelet-HLL	gldm	DependenceNonUniformity	28.16666667
wavelet-HLL	gldm	GrayLevelNonUniformity	2.125
wavelet-HLL	gldm	SmallDependenceEmphasis	0.78125
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	615.90625
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.586805556
wavelet-HLL	gldm	LargeDependenceEmphasis	1.875
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03078856
wavelet-HLL	gldm	DependenceVariance	0.206597222
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1936.6875
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.02573652
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.026746928
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wavelet-HLL	glcm	JointEntropy	5.389626966
wavelet-HLL	glcm	ClusterShade	-1611.375184
wavelet-HLL	glcm	MaximumProbability	0.033540855
wavelet-HLL	glcm	Idmn	0.894590305
wavelet-HLL	glcm	JointEnergy	0.024798135
wavelet-HLL	glcm	Contrast	306.0915426
wavelet-HLL	glcm	DifferenceEntropy	3.581433285
wavelet-HLL	glcm	InverseVariance	0.087954243
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wavelet-HLL	glcm	Idn	0.793802626
wavelet-HLL	glcm	Idm	0.076023233
wavelet-HLL	glcm	Correlation	0.212407313
wavelet-HLL	glcm	Autocorrelation	686.6146363
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wavelet-HLL	glcm	ClusterProminence	407416.7032
wavelet-HLL	glcm	Imc2	0.999567818
wavelet-HLL	glcm	Imc1	-0.798757849
wavelet-HLL	glcm	DifferenceAverage	13.92953868
wavelet-HLL	glcm	Id	0.14756541
wavelet-HLL	glcm	ClusterTendency	436.2731379
wavelet-HLL	firstorder	InterquartileRange	592.7828171
wavelet-HLL	firstorder	Skewness	-0.285798163
wavelet-HLL	firstorder	Uniformity	0.044270833
wavelet-HLL	firstorder	Median	32.45267764
wavelet-HLL	firstorder	Energy	5425175.688
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	241.6856937
wavelet-HLL	firstorder	MeanAbsoluteDeviation	294.551457
wavelet-HLL	firstorder	TotalEnergy	146479743.6
wavelet-HLL	firstorder	Maximum	428.288359
wavelet-HLL	firstorder	RootMeanSquared	336.1911562
wavelet-HLL	firstorder	90Percentile	294.7685453
wavelet-HLL	firstorder	Minimum	-706.3488917
wavelet-HLL	firstorder	Entropy	4.712581189
wavelet-HLL	firstorder	Range	1134.637251
wavelet-HLL	firstorder	Variance	107598.4911

wavelet-HLL	firstorder	10Percentile	-524.8655403
wavelet-HLL	firstorder	Kurtosis	1.70446527
wavelet-HLL	firstorder	Mean	-73.66140407
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.026966232
wavelet-HLL	glrlm	GrayLevelVariance	172.22917
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.027006073
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.043996277
wavelet-HLL	glrlm	RunVariance	0.011193679
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.088306965
wavelet-HLL	glrlm	LongRunEmphasis	1.03502455
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	865.7087198
wavelet-HLL	glrlm	RunLengthNonUniformity	46.42847791
wavelet-HLL	glrlm	ShortRunEmphasis	0.991243863
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	918.4838152
wavelet-HLL	glrlm	RunPercentage	0.988782051
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.027165436
wavelet-HLL	glrlm	RunEntropy	4.734547558
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	876.2637389
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.977612641
wavelet-HLL	glszm	GrayLevelVariance	170.7828673
wavelet-HLL	glszm	ZoneVariance	0.141582391
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.039857228
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.716835217
wavelet-HLL	glszm	SizeZoneNonUniformity	29.3902439
wavelet-HLL	glszm	GrayLevelNonUniformity	1.634146341
wavelet-HLL	glszm	LargeAreaEmphasis	1.512195122
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	669.5182927
wavelet-HLL	glszm	ZonePercentage	0.854166667
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.032890699
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1442.658537
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	824.1463415
wavelet-HLL	glszm	SmallAreaEmphasis	0.87195122
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.030524865
wavelet-HLL	glszm	ZoneEntropy	4.948896212
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.029933407
wavelet-HLL	ngtdm	Coarseness	0.049169952
wavelet-HLL	ngtdm	Complexity	5290.443115
wavelet-HLL	ngtdm	Strength	47.09046734
wavelet-HLL	ngtdm	Contrast	3.803439968
wavelet-HLL	ngtdm	Busyness	0.027190852
wavelet-LHL	gldm	GrayLevelVariance	195.3398438
wavelet-LHL	gldm	HighGrayLevelEmphasis	836.0625
wavelet-LHL	gldm	DependenceEntropy	5.110902344
wavelet-LHL	gldm	DependenceNonUniformity	32.625
wavelet-LHL	gldm	GrayLevelNonUniformity	1.666666667
wavelet-LHL	gldm	SmallDependenceEmphasis	0.850694444
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	705.625
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.6796875
wavelet-LHL	gldm	LargeDependenceEmphasis	1.875
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.044301537
wavelet-LHL	gldm	DependenceVariance	0.3125
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1367.8125
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.028431462
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.030062267
wavelet-LHL	glcm	JointAverage	24.28320034

wavelet-LHL	glcm	SumAverage	48.56640068
wavelet-LHL	glcm	JointEntropy	5.412816206
wavelet-LHL	glcm	ClusterShade	2626.370744
wavelet-LHL	glcm	MaximumProbability	0.031997302
wavelet-LHL	glcm	Idmn	0.898541583
wavelet-LHL	glcm	JointEnergy	0.024410702
wavelet-LHL	glcm	Contrast	375.6285112
wavelet-LHL	glcm	DifferenceEntropy	3.833416518
wavelet-LHL	glcm	InverseVariance	0.081627035
wavelet-LHL	glcm	DifferenceVariance	101.9085283
wavelet-LHL	glcm	Idn	0.795838343
wavelet-LHL	glcm	Idm	0.069579644
wavelet-LHL	glcm	Correlation	0.133198191
wavelet-LHL	glcm	Autocorrelation	617.0262775
wavelet-LHL	glcm	SumEntropy	4.273582191
wavelet-LHL	glcm	SumSquares	213.8885378
wavelet-LHL	glcm	ClusterProminence	547639.6188
wavelet-LHL	glcm	Imc2	0.999741709
wavelet-LHL	glcm	Imc1	-0.829624037
wavelet-LHL	glcm	DifferenceAverage	15.43769242
wavelet-LHL	glcm	Id	0.135836501
wavelet-LHL	glcm	ClusterTendency	479.9256399
wavelet-LHL	firstorder	InterquartileRange	539.3265339
wavelet-LHL	firstorder	Skewness	-0.035785255
wavelet-LHL	firstorder	Uniformity	0.034722222
wavelet-LHL	firstorder	Median	0.008843474
wavelet-LHL	firstorder	Energy	5825114.526
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	230.0143887
wavelet-LHL	firstorder	MeanAbsoluteDeviation	295.3968102
wavelet-LHL	firstorder	TotalEnergy	157278092.2
wavelet-LHL	firstorder	Maximum	681.3657444
wavelet-LHL	firstorder	RootMeanSquared	348.362674
wavelet-LHL	firstorder	90Percentile	460.6317321
wavelet-LHL	firstorder	Minimum	-606.8942751
wavelet-LHL	firstorder	Entropy	4.996115365
wavelet-LHL	firstorder	Range	1288.26002
wavelet-LHL	firstorder	Variance	121333.2471
wavelet-LHL	firstorder	10Percentile	-499.6760044
wavelet-LHL	firstorder	Kurtosis	1.915682874
wavelet-LHL	firstorder	Mean	-4.827577868
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.03011353
wavelet-LHL	glrlm	GrayLevelVariance	194.4561986
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.030220891
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.034412323
wavelet-LHL	glrlm	RunVariance	0.009591841
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.63647936
wavelet-LHL	glrlm	LongRunEmphasis	1.030114566
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	832.0205378
wavelet-LHL	glrlm	RunLengthNonUniformity	46.65597381
wavelet-LHL	glrlm	ShortRunEmphasis	0.992471358
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	858.6659279
wavelet-LHL	glrlm	RunPercentage	0.990384615
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.030650333
wavelet-LHL	glrlm	RunEntropy	5.019254482
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	837.3496158

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.980816319
wavelet-LHL	glszm	GrayLevelVariance	187.5511087
wavelet-LHL	glszm	ZoneVariance	0.149269876
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03190914
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.828015143
wavelet-LHL	glszm	SizeZoneNonUniformity	35.60465116
wavelet-LHL	glszm	GrayLevelNonUniformity	1.372093023
wavelet-LHL	glszm	LargeAreaEmphasis	1.395348837
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	763.5930233
wavelet-LHL	glszm	ZonePercentage	0.895833333
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037564223
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1129.465116
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	836.0232558
wavelet-LHL	glszm	SmallAreaEmphasis	0.927002584
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.032200703
wavelet-LHL	glszm	ZoneEntropy	5.147194987
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.031577595
wavelet-LHL	ngtdm	Coarseness	0.053666584
wavelet-LHL	ngtdm	Complexity	7459.939381
wavelet-LHL	ngtdm	Strength	52.70597463
wavelet-LHL	ngtdm	Contrast	3.518360587
wavelet-LHL	ngtdm	Busyness	0.027192366
wavelet-LHH	gldm	GrayLevelVariance	36.41493056
wavelet-LHH	gldm	HighGrayLevelEmphasis	424.8333333
wavelet-LHH	gldm	DependenceEntropy	4.662782032
wavelet-LHH	gldm	DependenceNonUniformity	22.625
wavelet-LHH	gldm	GrayLevelNonUniformity	3.125
wavelet-LHH	gldm	SmallDependenceEmphasis	0.703269676
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	306.7877604
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.471354167
wavelet-LHH	gldm	LargeDependenceEmphasis	2.791666667
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029057208
wavelet-LHH	gldm	DependenceVariance	0.541666667
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1163.708333
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023616621
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.024430477
wavelet-LHH	glcm	JointAverage	19.40746652
wavelet-LHH	glcm	SumAverage	38.81493304
wavelet-LHH	glcm	JointEntropy	5.254504792
wavelet-LHH	glcm	ClusterShade	-177.015426
wavelet-LHH	glcm	MaximumProbability	0.051558738
wavelet-LHH	glcm	Idmn	0.944952432
wavelet-LHH	glcm	JointEnergy	0.028301264
wavelet-LHH	glcm	Contrast	68.98018119
wavelet-LHH	glcm	DifferenceEntropy	3.344895133
wavelet-LHH	glcm	InverseVariance	0.171477506
wavelet-LHH	glcm	DifferenceVariance	27.26806036
wavelet-LHH	glcm	Idn	0.848839502
wavelet-LHH	glcm	Idm	0.145109086
wavelet-LHH	glcm	Correlation	-0.004589844
wavelet-LHH	glcm	Autocorrelation	377.0737718
wavelet-LHH	glcm	SumEntropy	3.895373489
wavelet-LHH	glcm	SumSquares	34.50169366
wavelet-LHH	glcm	ClusterProminence	17407.72749
wavelet-LHH	glcm	Imc2	0.997372778

wavelet-LHH	glcm	Imc1	-0.674890096
wavelet-LHH	glcm	DifferenceAverage	6.344328028
wavelet-LHH	glcm	Id	0.237065998
wavelet-LHH	glcm	ClusterTendency	69.02659344
wavelet-LHH	firstorder	InterquartileRange	138.3588168
wavelet-LHH	firstorder	Skewness	-0.656878632
wavelet-LHH	firstorder	Uniformity	0.065104167
wavelet-LHH	firstorder	Median	20.70008959
wavelet-LHH	firstorder	Energy	1110978.15
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	66.81193629
wavelet-LHH	firstorder	MeanAbsoluteDeviation	111.3070756
wavelet-LHH	firstorder	TotalEnergy	29996410.04
wavelet-LHH	firstorder	Maximum	321.9912054
wavelet-LHH	firstorder	RootMeanSquared	152.1360513
wavelet-LHH	firstorder	90Percentile	168.4485497
wavelet-LHH	firstorder	Minimum	-472.6782132
wavelet-LHH	firstorder	Entropy	4.215199877
wavelet-LHH	firstorder	Range	794.6694185
wavelet-LHH	firstorder	Variance	23118.98104
wavelet-LHH	firstorder	10Percentile	-161.2298297
wavelet-LHH	firstorder	Kurtosis	4.205452935
wavelet-LHH	firstorder	Mean	5.137808738
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.02482542
wavelet-LHH	glrlm	GrayLevelVariance	36.99906076
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.024864823
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.064008928
wavelet-LHH	glrlm	RunVariance	0.019198265
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.014387596
wavelet-LHH	glrlm	LongRunEmphasis	1.059787946
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	419.0768958
wavelet-LHH	glrlm	RunLengthNonUniformity	45.29782964
wavelet-LHH	glrlm	ShortRunEmphasis	0.985053014
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	449.5549135
wavelet-LHH	glrlm	RunPercentage	0.980769231
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.025022435
wavelet-LHH	glrlm	RunEntropy	4.281928999
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	425.1724993
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.961603471
wavelet-LHH	glszm	GrayLevelVariance	45.03871439
wavelet-LHH	glszm	ZoneVariance	0.749452155
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056245435
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.684441198
wavelet-LHH	glszm	SizeZoneNonUniformity	25.32432432
wavelet-LHH	glszm	GrayLevelNonUniformity	2.081081081
wavelet-LHH	glszm	LargeAreaEmphasis	2.432432432
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	374.1959459
wavelet-LHH	glszm	ZonePercentage	0.770833333
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.034511484
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1029.567568
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	431.1081081
wavelet-LHH	glszm	SmallAreaEmphasis	0.852102102
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.030897504
wavelet-LHH	glszm	ZoneEntropy	4.60770573
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.030470676
wavelet-LHH	ngtdm	Coarseness	0.094863789

wavelet-LHH	ngtdm	Complexity	1087.238492
wavelet-LHH	ngtdm	Strength	19.94632562
wavelet-LHH	ngtdm	Contrast	0.702957915
wavelet-LHH	ngtdm	Busyness	0.026920017
wavelet-LLH	gldm	GrayLevelVariance	140.2252604
wavelet-LLH	gldm	HighGrayLevelEmphasis	498.8541667
wavelet-LLH	gldm	DependenceEntropy	4.803508855
wavelet-LLH	gldm	DependenceNonUniformity	25.125
wavelet-LLH	gldm	GrayLevelNonUniformity	2.375
wavelet-LLH	gldm	SmallDependenceEmphasis	0.739583333
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	455.1990741
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.5234375
wavelet-LLH	gldm	LargeDependenceEmphasis	2.875
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.060812723
wavelet-LLH	gldm	DependenceVariance	0.625
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	821.4375
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.03135429
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.035078624
wavelet-LLH	glcm	JointAverage	17.35344537
wavelet-LLH	glcm	SumAverage	34.70689074
wavelet-LLH	glcm	JointEntropy	5.315201637
wavelet-LLH	glcm	ClusterShade	5913.823702
wavelet-LLH	glcm	MaximumProbability	0.048064814
wavelet-LLH	glcm	Idmn	0.935181328
wavelet-LLH	glcm	JointEnergy	0.026962142
wavelet-LLH	glcm	Contrast	209.2276767
wavelet-LLH	glcm	DifferenceEntropy	3.686793662
wavelet-LLH	glcm	InverseVariance	0.103081342
wavelet-LLH	glcm	DifferenceVariance	88.50413872
wavelet-LLH	glcm	Idn	0.841635363
wavelet-LLH	glcm	Idm	0.105892365
wavelet-LLH	glcm	Correlation	0.204244507
wavelet-LLH	glcm	Autocorrelation	329.261294
wavelet-LLH	glcm	SumEntropy	4.121926871
wavelet-LLH	glcm	SumSquares	132.3439686
wavelet-LLH	glcm	ClusterProminence	379700.3778
wavelet-LLH	glcm	Imc2	0.999195551
wavelet-LLH	glcm	Imc1	-0.765383825
wavelet-LLH	glcm	DifferenceAverage	10.71588355
wavelet-LLH	glcm	Id	0.185982317
wavelet-LLH	glcm	ClusterTendency	320.1481977
wavelet-LLH	firstorder	InterquartileRange	302.2251395
wavelet-LLH	firstorder	Skewness	0.859535235
wavelet-LLH	firstorder	Uniformity	0.049479167
wavelet-LLH	firstorder	Median	-64.08211405
wavelet-LLH	firstorder	Energy	4248633.215
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	149.0100925
wavelet-LLH	firstorder	MeanAbsoluteDeviation	230.4115341
wavelet-LLH	firstorder	TotalEnergy	114713096.8
wavelet-LLH	firstorder	Maximum	785.4636787
wavelet-LLH	firstorder	RootMeanSquared	297.511667
wavelet-LLH	firstorder	90Percentile	528.2608978
wavelet-LLH	firstorder	Minimum	-448.8575542
wavelet-LLH	firstorder	Entropy	4.595175521
wavelet-LLH	firstorder	Range	1234.321233



wavelet-LLH	firstorder	Variance	88390.97504
wavelet-LLH	firstorder	10Percentile	-337.846511
wavelet-LLH	firstorder	Kurtosis	3.096191391
wavelet-LLH	firstorder	Mean	11.05517687
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.035302046
wavelet-LLH	glrlm	GrayLevelVariance	141.645142
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.035511475
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048801426
wavelet-LLH	glrlm	RunVariance	0.019158164
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.298292018
wavelet-LLH	glrlm	LongRunEmphasis	1.060899323
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	502.9053249
wavelet-LLH	glrlm	RunLengthNonUniformity	45.33339371
wavelet-LLH	glrlm	ShortRunEmphasis	0.984775169
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	515.9241865
wavelet-LLH	glrlm	RunPercentage	0.980769231
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.036349188
wavelet-LLH	glrlm	RunEntropy	4.638785177
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	505.5090972
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.961683671
wavelet-LLH	glszm	GrayLevelVariance	153.0616343
wavelet-LLH	glszm	ZoneVariance	0.56232687
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.04432133
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.760387812
wavelet-LLH	glszm	SizeZoneNonUniformity	28.89473684
wavelet-LLH	glszm	GrayLevelNonUniformity	1.684210526
wavelet-LLH	glszm	LargeAreaEmphasis	2.157894737
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	568.4161184
wavelet-LLH	glszm	ZonePercentage	0.791666667
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.060138754
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	757.0263158
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	588.5526316
wavelet-LLH	glszm	SmallAreaEmphasis	0.887792398
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.040182747
wavelet-LLH	glszm	ZoneEntropy	4.807009421
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.038758498
wavelet-LLH	ngtdm	Coarseness	0.080313262
wavelet-LLH	ngtdm	Complexity	3665.049175
wavelet-LLH	ngtdm	Strength	57.4522212
wavelet-LLH	ngtdm	Contrast	2.4689757
wavelet-LLH	ngtdm	Busyness	0.035206156
wavelet-LLL	gldm	GrayLevelVariance	479.6349826
wavelet-LLL	gldm	HighGrayLevelEmphasis	3370.9375
wavelet-LLL	gldm	DependenceEntropy	5.293295834
wavelet-LLL	gldm	DependenceNonUniformity	48
wavelet-LLL	gldm	GrayLevelNonUniformity	1.291666667
wavelet-LLL	gldm	SmallDependenceEmphasis	1
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3370.9375
wavelet-LLL	gldm	DependenceNonUniformityNormalized	1
wavelet-LLL	gldm	LargeDependenceEmphasis	1
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021551644
wavelet-LLL	gldm	DependenceVariance	0
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3370.9375
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.021551644
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.021551644

wavelet-LLL	glcm	JointAverage	60.62060879
wavelet-LLL	glcm	SumAverage	121.2412176
wavelet-LLL	glcm	JointEntropy	5.432790957
wavelet-LLL	glcm	ClusterShade	-7280.520067
wavelet-LLL	glcm	MaximumProbability	0.025128206
wavelet-LLL	glcm	Idmn	0.933755985
wavelet-LLL	glcm	JointEnergy	0.023967556
wavelet-LLL	glcm	Contrast	777.304666
wavelet-LLL	glcm	DifferenceEntropy	4.002723352
wavelet-LLL	glcm	InverseVariance	0.038023186
wavelet-LLL	glcm	DifferenceVariance	227.0591548
wavelet-LLL	glcm	Idn	0.824570441
wavelet-LLL	glcm	Idm	0.025859368
wavelet-LLL	glcm	Correlation	0.162568817
wavelet-LLL	glcm	Autocorrelation	3761.557559
wavelet-LLL	glcm	SumEntropy	4.285212222
wavelet-LLL	glcm	SumSquares	471.6301982
wavelet-LLL	glcm	ClusterProminence	3259790.993
wavelet-LLL	glcm	Imc2	0.999927406
wavelet-LLL	glcm	Imc1	-0.902089237
wavelet-LLL	glcm	DifferenceAverage	23.13430475
wavelet-LLL	glcm	Id	0.081792228
wavelet-LLL	glcm	ClusterTendency	1109.216127
wavelet-LLL	firstorder	InterquartileRange	794.3621131
wavelet-LLL	firstorder	Skewness	0.047494837
wavelet-LLL	firstorder	Uniformity	0.026909722
wavelet-LLL	firstorder	Median	-1143.337376
wavelet-LLL	firstorder	Energy	66759956.02
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	328.9906491
wavelet-LLL	firstorder	MeanAbsoluteDeviation	453.6305366
wavelet-LLL	firstorder	TotalEnergy	1802518813
wavelet-LLL	firstorder	Maximum	123.7826367
wavelet-LLL	firstorder	RootMeanSquared	1179.335583
wavelet-LLL	firstorder	90Percentile	-300.0637549
wavelet-LLL	firstorder	Minimum	-2352.126062
wavelet-LLL	firstorder	Entropy	5.293295834
wavelet-LLL	firstorder	Range	2475.908699
wavelet-LLL	firstorder	Variance	299316.8602
wavelet-LLL	firstorder	10Percentile	-1599.707036
wavelet-LLL	firstorder	Kurtosis	2.59248085
wavelet-LLL	firstorder	Mean	-1044.756219
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.021551644
wavelet-LLL	glrlm	GrayLevelVariance	479.6349826
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.021551644
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.026909722
wavelet-LLL	glrlm	RunVariance	0
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.291666667
wavelet-LLL	glrlm	LongRunEmphasis	1
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3370.9375
wavelet-LLL	glrlm	RunLengthNonUniformity	48
wavelet-LLL	glrlm	ShortRunEmphasis	1
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3370.9375
wavelet-LLL	glrlm	RunPercentage	1
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.021551644
wavelet-LLL	glrlm	RunEntropy	5.293295834

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3370.9375
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	1
wavelet-LLL	glszm	GrayLevelVariance	479.6349826
wavelet-LLL	glszm	ZoneVariance	0
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.026909722
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	1
wavelet-LLL	glszm	SizeZoneNonUniformity	48
wavelet-LLL	glszm	GrayLevelNonUniformity	1.291666667
wavelet-LLL	glszm	LargeAreaEmphasis	1
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3370.9375
wavelet-LLL	glszm	ZonePercentage	1
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021551644
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3370.9375
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3370.9375
wavelet-LLL	glszm	SmallAreaEmphasis	1
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.021551644
wavelet-LLL	glszm	ZoneEntropy	5.293295834
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021551644
wavelet-LLL	ngtdm	Coarseness	0.051243548
wavelet-LLL	ngtdm	Complexity	18263.30948
wavelet-LLL	ngtdm	Strength	110.1072962
wavelet-LLL	ngtdm	Contrast	9.133528156
wavelet-LLL	ngtdm	Busyness	0.016456488
wavelet-HHL	gldm	GrayLevelVariance	20.59331597
wavelet-HHL	gldm	HighGrayLevelEmphasis	105.7708333
wavelet-HHL	gldm	DependenceEntropy	4.735902344
wavelet-HHL	gldm	DependenceNonUniformity	18.91666667
wavelet-HHL	gldm	GrayLevelNonUniformity	3.458333333
wavelet-HHL	gldm	SmallDependenceEmphasis	0.559751157
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	61.72395833
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.394097222
wavelet-HHL	gldm	LargeDependenceEmphasis	3.458333333
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.11643115
wavelet-HHL	gldm	DependenceVariance	0.539930556
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	360.3958333
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.040113786
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.054071337
wavelet-HHL	glcm	JointAverage	9.037791475
wavelet-HHL	glcm	SumAverage	18.07558295
wavelet-HHL	glcm	JointEntropy	5.177084492
wavelet-HHL	glcm	ClusterShade	42.01845077
wavelet-HHL	glcm	MaximumProbability	0.052519298
wavelet-HHL	glcm	Idmn	0.930518428
wavelet-HHL	glcm	JointEnergy	0.02998224
wavelet-HHL	glcm	Contrast	41.64642884
wavelet-HHL	glcm	DifferenceEntropy	3.196220151
wavelet-HHL	glcm	InverseVariance	0.191527174
wavelet-HHL	glcm	DifferenceVariance	14.57135318
wavelet-HHL	glcm	Idn	0.827806073
wavelet-HHL	glcm	Idm	0.175726982
wavelet-HHL	glcm	Correlation	-0.073680137
wavelet-HHL	glcm	Autocorrelation	80.7104739
wavelet-HHL	glcm	SumEntropy	3.67380891
wavelet-HHL	glcm	SumSquares	19.52585014
wavelet-HHL	glcm	ClusterProminence	4063.054135

wavelet-HHL	glcm	Imc2	0.995851824
wavelet-HHL	glcm	Imc1	-0.644817846
wavelet-HHL	glcm	DifferenceAverage	5.093497935
wavelet-HHL	glcm	Id	0.269411794
wavelet-HHL	glcm	ClusterTendency	36.45697171
wavelet-HHL	firstorder	InterquartileRange	161.9025054
wavelet-HHL	firstorder	Skewness	0.405461894
wavelet-HHL	firstorder	Uniformity	0.072048611
wavelet-HHL	firstorder	Median	19.87160248
wavelet-HHL	firstorder	Energy	624086.8981
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	60.41483478
wavelet-HHL	firstorder	MeanAbsoluteDeviation	87.95891766
wavelet-HHL	firstorder	TotalEnergy	16850346.25
wavelet-HHL	firstorder	Maximum	343.618223
wavelet-HHL	firstorder	RootMeanSquared	114.0254813
wavelet-HHL	firstorder	90Percentile	153.9240321
wavelet-HHL	firstorder	Minimum	-178.1764724
wavelet-HHL	firstorder	Entropy	3.957067386
wavelet-HHL	firstorder	Range	521.7946954
wavelet-HHL	firstorder	Variance	12695.85578
wavelet-HHL	firstorder	10Percentile	-128.0525294
wavelet-HHL	firstorder	Kurtosis	3.18939886
wavelet-HHL	firstorder	Mean	17.49155795
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.054239928
wavelet-HHL	glrlm	GrayLevelVariance	20.87524345
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.054831133
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.071684024
wavelet-HHL	glrlm	RunVariance	0.027152774
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.347186104
wavelet-HHL	glrlm	LongRunEmphasis	1.085890428
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	103.6522449
wavelet-HHL	glrlm	RunLengthNonUniformity	44.21003215
wavelet-HHL	glrlm	ShortRunEmphasis	0.978527393
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	114.6811502
wavelet-HHL	glrlm	RunPercentage	0.97275641
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.057195954
wavelet-HHL	glrlm	RunEntropy	4.033405
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	105.858026
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.945694451
wavelet-HHL	glszm	GrayLevelVariance	25.30859375
wavelet-HHL	glszm	ZoneVariance	0.625
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.068359375
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.48828125
wavelet-HHL	glszm	SizeZoneNonUniformity	15.625
wavelet-HHL	glszm	GrayLevelNonUniformity	2.1875
wavelet-HHL	glszm	LargeAreaEmphasis	2.875
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	80.64930556
wavelet-HHL	glszm	ZonePercentage	0.666666667
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.113545548
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	304.46875
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	107.4375
wavelet-HHL	glszm	SmallAreaEmphasis	0.723307292
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.066612961
wavelet-HHL	glszm	ZoneEntropy	4.5
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.056633973

wavelet-HHL	ngtdm	Coarseness	0.096396289
wavelet-HHL	ngtdm	Complexity	483.4487963
wavelet-HHL	ngtdm	Strength	10.68848339
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wavelet-HHL	ngtdm	Busyness	0.084483285
wavelet-HLH	gldm	GrayLevelVariance	52.86414931
wavelet-HLH	gldm	HighGrayLevelEmphasis	351.1458333
wavelet-HLH	gldm	DependenceEntropy	4.777569011
wavelet-HLH	gldm	DependenceNonUniformity	20.29166667
wavelet-HLH	gldm	GrayLevelNonUniformity	2.791666667
wavelet-HLH	gldm	SmallDependenceEmphasis	0.626157407
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	213.744213
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.422743056
wavelet-HLH	gldm	LargeDependenceEmphasis	2.958333333
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.034971787
wavelet-HLH	gldm	DependenceVariance	0.451388889
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1087.604167
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.026623978
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.028055567
wavelet-HLH	glcm	JointAverage	17.60236957
wavelet-HLH	glcm	SumAverage	35.20473913
wavelet-HLH	glcm	JointEntropy	5.292567051
wavelet-HLH	glcm	ClusterShade	111.1560583
wavelet-HLH	glcm	MaximumProbability	0.040565147
wavelet-HLH	glcm	Idmn	0.927157189
wavelet-HLH	glcm	JointEnergy	0.026989347
wavelet-HLH	glcm	Contrast	111.3237332
wavelet-HLH	glcm	DifferenceEntropy	3.573219208
wavelet-HLH	glcm	InverseVariance	0.112938158
wavelet-HLH	glcm	DifferenceVariance	34.60257846
wavelet-HLH	glcm	Idn	0.824738966
wavelet-HLH	glcm	Idm	0.114995996
wavelet-HLH	glcm	Correlation	-0.022376922
wavelet-HLH	glcm	Autocorrelation	308.9661208
wavelet-HLH	glcm	SumEntropy	3.917400962
wavelet-HLH	glcm	SumSquares	54.64163853
wavelet-HLH	glcm	ClusterProminence	33409.46636
wavelet-HLH	glcm	Imc2	0.998580048
wavelet-HLH	glcm	Imc1	-0.723663831
wavelet-HLH	glcm	DifferenceAverage	8.309262424
wavelet-HLH	glcm	Id	0.201734417
wavelet-HLH	glcm	ClusterTendency	107.2428209
wavelet-HLH	firstorder	InterquartileRange	209.7829601
wavelet-HLH	firstorder	Skewness	0.200108883
wavelet-HLH	firstorder	Uniformity	0.058159722
wavelet-HLH	firstorder	Median	23.55187836
wavelet-HLH	firstorder	Energy	1623962.84
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	91.59520905
wavelet-HLH	firstorder	MeanAbsoluteDeviation	141.0439847
wavelet-HLH	firstorder	TotalEnergy	43846996.67
wavelet-HLH	firstorder	Maximum	463.2229923
wavelet-HLH	firstorder	RootMeanSquared	183.936291
wavelet-HLH	firstorder	90Percentile	269.422826
wavelet-HLH	firstorder	Minimum	-379.6981828
wavelet-HLH	firstorder	Entropy	4.304047012

wavelet-HLH	firstorder	Range	842.9211751
wavelet-HLH	firstorder	Variance	33463.34228
wavelet-HLH	firstorder	10Percentile	-202.6308603
wavelet-HLH	firstorder	Kurtosis	2.94564709
wavelet-HLH	firstorder	Mean	19.21501698
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.028569907
wavelet-HLH	glrlm	GrayLevelVariance	53.45343002
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.028634625
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.057730878
wavelet-HLH	glrlm	RunVariance	0.022352626
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.709194791
wavelet-HLH	glrlm	LongRunEmphasis	1.071146245
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	343.94887
wavelet-HLH	glrlm	RunLengthNonUniformity	44.89206446
wavelet-HLH	glrlm	ShortRunEmphasis	0.982213439
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	377.2157254
wavelet-HLH	glrlm	RunPercentage	0.977564103
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.028893498
wavelet-HLH	glrlm	RunEntropy	4.360803847
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	350.6022411
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.955294748
wavelet-HLH	glszm	GrayLevelVariance	61.64571429
wavelet-HLH	glszm	ZoneVariance	0.404897959
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.051428571
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.55755102
wavelet-HLH	glszm	SizeZoneNonUniformity	19.51428571
wavelet-HLH	glszm	GrayLevelNonUniformity	1.8
wavelet-HLH	glszm	LargeAreaEmphasis	2.285714286
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	261.8880952
wavelet-HLH	glszm	ZonePercentage	0.729166667
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04169888
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	826.5428571
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	343.8857143
wavelet-HLH	glszm	SmallAreaEmphasis	0.773809524
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.03708917
wavelet-HLH	glszm	ZoneEntropy	4.729283017
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.036185967
wavelet-HLH	ngtdm	Coarseness	0.08176811
wavelet-HLH	ngtdm	Complexity	1571.779827
wavelet-HLH	ngtdm	Strength	21.46330704
wavelet-HLH	ngtdm	Contrast	1.279880698
wavelet-HLH	ngtdm	Busyness	0.038247715

Image type	Feature Class	Feature Name	Value
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	2613ada59c4ec173b0181541f10145f9c39ed 3b6
general	info	ImageHash	(0.9765625000000002, 0.9765625000000002, 2.0)
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general	info	MaskHash	170
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	233
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original	shape	Maximum2DDiameterSlice	24.18677324
original	shape	Sphericity	0.836787372
original	shape	MinorAxis	21.09864038
original	shape	Elongation	0.89313084
original	shape	SurfaceVolumeRatio	0.313061103
original	shape	Volume	6291
original	shape	MajorAxis	23.62323575
original	shape	SurfaceArea	1969.467402
original	shape	Flatness	0.819117552
original	shape	LeastAxis	19.35020704
original	shape	Maximum2DDiameterColumn	25.8069758
original	shape	Maximum2DDiameterRow	25.63201124
original	gldm	GrayLevelVariance	44.62141502
original	gldm	HighGrayLevelEmphasis	486.8841202
original	gldm	DependenceEntropy	6.206215278
original	gldm	DependenceNonUniformity	55.54935622
original	gldm	GrayLevelNonUniformity	11.22317597
original	gldm	SmallDependenceEmphasis	0.370556973
original	gldm	SmallDependenceHighGrayLevelEmphasis	167.1899103
original	gldm	DependenceNonUniformityNormalized	0.238409254
original	gldm	LargeDependenceEmphasis	7.901287554
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.029771437
original	gldm	DependenceVariance	1.726169206
original	gldm	LargeDependenceHighGrayLevelEmphasis	4341.236052
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.00658196

original	gldm	LowGrayLevelEmphasis	0.008705658
original	glcm	JointAverage	21.4543418
original	glcm	SumAverage	42.9086836
original	glcm	JointEntropy	7.428406734
original	glcm	ClusterShade	-879.3975693
original	glcm	MaximumProbability	0.017970421
original	glcm	ldmn	0.974548968
original	glcm	JointEnergy	0.006774966
original	glcm	Contrast	28.39121744
original	glcm	DifferenceEntropy	3.399344399
original	glcm	InverseVariance	0.217712255
original	glcm	DifferenceVariance	10.26929395
original	glcm	ldn	0.891897625
original	glcm	ldm	0.213688204
original	glcm	Correlation	0.635921263
original	glcm	Autocorrelation	485.0668303
original	glcm	SumEntropy	5.140312548
original	glcm	SumSquares	38.93247477
original	glcm	ClusterProminence	44854.52874
original	glcm	lmc2	0.973623958
original	glcm	lmc1	-0.334430958
original	glcm	DifferenceAverage	4.158983924
original	glcm	ld	0.308077352
original	glcm	ClusterTendency	127.3386816
original	firstorder	InterquartileRange	235
original	firstorder	Skewness	-0.675866586
original	firstorder	Uniformity	0.048168137
original	firstorder	Median	-237
original	firstorder	Energy	22528691
original	firstorder	RobustMeanAbsoluteDeviation	98.42974434
original	firstorder	MeanAbsoluteDeviation	136.6271252
original	firstorder	TotalEnergy	608274657
original	firstorder	Maximum	14
original	firstorder	RootMeanSquared	310.9496116
original	firstorder	90Percentile	-64.2
original	firstorder	Minimum	-771
original	firstorder	Entropy	4.544692394
original	firstorder	Range	785
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original	firstorder	Kurtosis	2.823462193
original	firstorder	Mean	-262.0386266
original	glrlm	ShortRunLowGrayLevelEmphasis	0.0089036
original	glrlm	GrayLevelVariance	44.78613504
original	glrlm	LowGrayLevelRunEmphasis	0.009041351
original	glrlm	GrayLevelNonUniformityNormalized	0.047795599
original	glrlm	RunVariance	0.067493395
original	glrlm	GrayLevelNonUniformity	10.5007065
original	glrlm	LongRunEmphasis	1.195197659
original	glrlm	ShortRunHighGrayLevelEmphasis	461.5445394
original	glrlm	RunLengthNonUniformity	196.796364
original	glrlm	ShortRunEmphasis	0.956990773
original	glrlm	LongRunHighGrayLevelEmphasis	588.4097002



original	glrlm	RunPercentage	0.942885441
original	glrlm	LongRunLowGrayLevelEmphasis	0.009679354
original	glrlm	RunEntropy	4.782810046
original	glrlm	HighGrayLevelRunEmphasis	484.2109525
original	glrlm	RunLengthNonUniformityNormalized	0.894382892
original	glszm	GrayLevelVariance	50.98940904
original	glszm	ZoneVariance	4.121128515
original	glszm	GrayLevelNonUniformityNormalized	0.046635813
original	glszm	SizeZoneNonUniformityNormalized	0.365966536
original	glszm	SizeZoneNonUniformity	38.79245283
original	glszm	GrayLevelNonUniformity	4.943396226
original	glszm	LargeAreaEmphasis	8.952830189
original	glszm	SmallAreaHighGrayLevelEmphasis	272.3884152
original	glszm	ZonePercentage	0.454935622
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original	glszm	LargeAreaHighGrayLevelEmphasis	4733.490566
original	glszm	HighGrayLevelZoneEmphasis	456.6698113
original	glszm	SmallAreaEmphasis	0.626000247
original	glszm	LowGrayLevelZoneEmphasis	0.015157712
original	glszm	ZoneEntropy	5.72779528
original	glszm	SmallAreaLowGrayLevelEmphasis	0.013827983
original	ngtdm	Coarseness	0.038514986
original	ngtdm	Complexity	1012.354615
original	ngtdm	Strength	14.52877496
original	ngtdm	Contrast	0.24978163
original	ngtdm	Busyness	0.039235175
wavelet-HHH	gldm	GrayLevelVariance	2.580891157
wavelet-HHH	gldm	HighGrayLevelEmphasis	59.76824034
wavelet-HHH	gldm	DependenceEntropy	5.177943716
wavelet-HHH	gldm	DependenceNonUniformity	31.17167382
wavelet-HHH	gldm	GrayLevelNonUniformity	42.31330472
wavelet-HHH	gldm	SmallDependenceEmphasis	0.182033262
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	12.40150976
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.133784008
wavelet-HHH	gldm	LargeDependenceEmphasis	21.9527897
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.414119644
wavelet-HHH	gldm	DependenceVariance	4.870710457
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1259.914163
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007999678
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024164248
wavelet-HHH	glcm	JointAverage	7.532312389
wavelet-HHH	glcm	SumAverage	15.06462478
wavelet-HHH	glcm	JointEntropy	5.067665377
wavelet-HHH	glcm	ClusterShade	0.45483101
wavelet-HHH	glcm	MaximumProbability	0.077160253
wavelet-HHH	glcm	Idmn	0.968516338
wavelet-HHH	glcm	JointEnergy	0.03843043
wavelet-HHH	glcm	Contrast	5.006421513
wavelet-HHH	glcm	DifferenceEntropy	2.327065494
wavelet-HHH	glcm	InverseVariance	0.416372107
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wavelet-HHH	glcm	Idn	0.88149153
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wavelet-HHH	glcm	Correlation	-0.051258907
wavelet-HHH	glcm	Autocorrelation	56.61405289
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wavelet-HHH	glcm	ClusterProminence	65.24050217
wavelet-HHH	glcm	Imc2	0.581315346
wavelet-HHH	glcm	Imc1	-0.081462782
wavelet-HHH	glcm	DifferenceAverage	1.745046735
wavelet-HHH	glcm	Id	0.477233323
wavelet-HHH	glcm	ClusterTendency	4.514506341
wavelet-HHH	firstorder	InterquartileRange	49.39968858
wavelet-HHH	firstorder	Skewness	0.011234116
wavelet-HHH	firstorder	Uniformity	0.181602166
wavelet-HHH	firstorder	Median	0.045535456
wavelet-HHH	firstorder	Energy	362039.6723
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	21.20393994
wavelet-HHH	firstorder	MeanAbsoluteDeviation	30.79777893
wavelet-HHH	firstorder	TotalEnergy	9775071.151
wavelet-HHH	firstorder	Maximum	123.6357343
wavelet-HHH	firstorder	RootMeanSquared	39.41850246
wavelet-HHH	firstorder	90Percentile	53.22993906
wavelet-HHH	firstorder	Minimum	-157.5774285
wavelet-HHH	firstorder	Entropy	2.689494917
wavelet-HHH	firstorder	Range	281.2131628
wavelet-HHH	firstorder	Variance	1552.343188
wavelet-HHH	firstorder	10Percentile	-45.54383765
wavelet-HHH	firstorder	Kurtosis	3.745781169
wavelet-HHH	firstorder	Mean	1.21455679
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.023124696
wavelet-HHH	glrlm	GrayLevelVariance	2.777032194
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.02487644
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.172954653
wavelet-HHH	glrlm	RunVariance	0.158727532
wavelet-HHH	glrlm	GrayLevelNonUniformity	35.43942923
wavelet-HHH	glrlm	LongRunEmphasis	1.455796264
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	54.78121126
wavelet-HHH	glrlm	RunLengthNonUniformity	161.7736182
wavelet-HHH	glrlm	ShortRunEmphasis	0.907811741
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	86.16363046
wavelet-HHH	glrlm	RunPercentage	0.879498184
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.033552534
wavelet-HHH	glrlm	RunEntropy	3.274164024
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	60.09460164
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.787813933
wavelet-HHH	glszm	GrayLevelVariance	6.68537415
wavelet-HHH	glszm	ZoneVariance	153.6286848
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.139455782
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.339002268
wavelet-HHH	glszm	SizeZoneNonUniformity	14.23809524
wavelet-HHH	glszm	GrayLevelNonUniformity	5.857142857
wavelet-HHH	glszm	LargeAreaEmphasis	184.4047619
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	44.34512367
wavelet-HHH	glszm	ZonePercentage	0.180257511

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	3.515972048
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	10215.7619
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	69.54761905
wavelet-HHH	glszm	SmallAreaEmphasis	0.599176953
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.044564998
wavelet-HHH	glszm	ZoneEntropy	4.451608494
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.035876443
wavelet-HHH	ngtdm	Coarseness	0.024848429
wavelet-HHH	ngtdm	Complexity	57.33275983
wavelet-HHH	ngtdm	Strength	0.822615851
wavelet-HHH	ngtdm	Contrast	0.07815665
wavelet-HHH	ngtdm	Busyness	0.525490371
wavelet-HLL	gldm	GrayLevelVariance	20.36729356
wavelet-HLL	gldm	HighGrayLevelEmphasis	109.6008584
wavelet-HLL	gldm	DependenceEntropy	5.736936012
wavelet-HLL	gldm	DependenceNonUniformity	36.44206009
wavelet-HLL	gldm	GrayLevelNonUniformity	26.03004292
wavelet-HLL	gldm	SmallDependenceEmphasis	0.259601311
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	42.97905701
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.156403691
wavelet-HLL	gldm	LargeDependenceEmphasis	16.88841202
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.282437829
wavelet-HLL	gldm	DependenceVariance	4.533036158
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1312.055794
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009585325
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.024308995
wavelet-HLL	glcm	JointAverage	9.117446914
wavelet-HLL	glcm	SumAverage	18.23489383
wavelet-HLL	glcm	JointEntropy	6.246853777
wavelet-HLL	glcm	ClusterShade	535.9834371
wavelet-HLL	glcm	MaximumProbability	0.048790979
wavelet-HLL	glcm	Idmn	0.973806519
wavelet-HLL	glcm	JointEnergy	0.018591862
wavelet-HLL	glcm	Contrast	21.17313599
wavelet-HLL	glcm	DifferenceEntropy	2.971270641
wavelet-HLL	glcm	InverseVariance	0.331669235
wavelet-HLL	glcm	DifferenceVariance	11.24455024
wavelet-HLL	glcm	Idn	0.906166335
wavelet-HLL	glcm	Idm	0.329899765
wavelet-HLL	glcm	Correlation	0.310116774
wavelet-HLL	glcm	Autocorrelation	89.04931544
wavelet-HLL	glcm	SumEntropy	4.131432929
wavelet-HLL	glcm	SumSquares	16.45429754
wavelet-HLL	glcm	ClusterProminence	14530.74012
wavelet-HLL	glcm	Imc2	0.862961215
wavelet-HLL	glcm	Imc1	-0.211494344
wavelet-HLL	glcm	DifferenceAverage	3.025251299
wavelet-HLL	glcm	Id	0.406942185
wavelet-HLL	glcm	ClusterTendency	44.64405419
wavelet-HLL	firstorder	InterquartileRange	76.63003964
wavelet-HLL	firstorder	Skewness	1.799691265
wavelet-HLL	firstorder	Uniformity	0.111716922
wavelet-HLL	firstorder	Median	-0.588105927

wavelet-HLL	firstorder	Energy	3053088.315
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	33.93873438
wavelet-HLL	firstorder	MeanAbsoluteDeviation	73.35760674
wavelet-HLL	firstorder	TotalEnergy	82433384.5
wavelet-HLL	firstorder	Maximum	448.7922782
wavelet-HLL	firstorder	RootMeanSquared	114.4700106
wavelet-HLL	firstorder	90Percentile	190.9198335
wavelet-HLL	firstorder	Minimum	-195.2508769
wavelet-HLL	firstorder	Entropy	3.625485313
wavelet-HLL	firstorder	Range	644.0431551
wavelet-HLL	firstorder	Variance	12529.43617
wavelet-HLL	firstorder	10Percentile	-72.43481011
wavelet-HLL	firstorder	Kurtosis	6.60168491
wavelet-HLL	firstorder	Mean	23.95719422
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.023719168
wavelet-HLL	grlm	GrayLevelVariance	21.78409449
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.025030818
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.105309974
wavelet-HLL	grlm	RunVariance	0.12482579
wavelet-HLL	grlm	GrayLevelNonUniformity	22.16355432
wavelet-HLL	grlm	LongRunEmphasis	1.355216704
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	107.2060342
wavelet-HLL	grlm	RunLengthNonUniformity	174.90801
wavelet-HLL	grlm	ShortRunEmphasis	0.927312706
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	140.9272953
wavelet-HLL	grlm	RunPercentage	0.903268405
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.031205408
wavelet-HLL	grlm	RunEntropy	4.10548362
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	112.9386737
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.829154605
wavelet-HLL	glszm	GrayLevelVariance	40.26381012
wavelet-HLL	glszm	ZoneVariance	45.16236085
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.064902331
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.377021634
wavelet-HLL	glszm	SizeZoneNonUniformity	26.01449275
wavelet-HLL	glszm	GrayLevelNonUniformity	4.47826087
wavelet-HLL	glszm	LargeAreaEmphasis	56.56521739
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	118.4570423
wavelet-HLL	glszm	ZonePercentage	0.296137339
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.905455233
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4185.202899
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	169.6956522
wavelet-HLL	glszm	SmallAreaEmphasis	0.624880401
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.037279353
wavelet-HLL	glszm	ZoneEntropy	5.124232472
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.027034835
wavelet-HLL	ngtdm	Coarseness	0.025045618
wavelet-HLL	ngtdm	Complexity	591.3025846
wavelet-HLL	ngtdm	Strength	8.218994074
wavelet-HLL	ngtdm	Contrast	0.16956864
wavelet-HLL	ngtdm	Busyness	0.160291958
wavelet-LHL	gldm	GrayLevelVariance	67.33964523
wavelet-LHL	gldm	HighGrayLevelEmphasis	2969.450644

wavelet-LHL	gldm	DependenceEntropy	5.870624234
wavelet-LHL	gldm	DependenceNonUniformity	50.87124464
wavelet-LHL	gldm	GrayLevelNonUniformity	17.25751073
wavelet-LHL	gldm	SmallDependenceEmphasis	0.352426644
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	962.5475203
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.218331522
wavelet-LHL	gldm	LargeDependenceEmphasis	8.545064378
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007196088
wavelet-LHL	gldm	DependenceVariance	1.758256737
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	26337.38197
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004516495
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004728395
wavelet-LHL	glcm	JointAverage	54.61203906
wavelet-LHL	glcm	SumAverage	109.2240781
wavelet-LHL	glcm	JointEntropy	7.012348584
wavelet-LHL	glcm	ClusterShade	-4812.437166
wavelet-LHL	glcm	MaximumProbability	0.024057572
wavelet-LHL	glcm	ldmn	0.986260007
wavelet-LHL	glcm	JointEnergy	0.009398756
wavelet-LHL	glcm	Contrast	72.53589033
wavelet-LHL	glcm	DifferenceEntropy	3.407963779
wavelet-LHL	glcm	InverseVariance	0.253343261
wavelet-LHL	glcm	DifferenceVariance	47.78509719
wavelet-LHL	glcm	ldn	0.937683019
wavelet-LHL	glcm	ldm	0.238798135
wavelet-LHL	glcm	Correlation	0.266497494
wavelet-LHL	glcm	Autocorrelation	2994.558288
wavelet-LHL	glcm	SumEntropy	4.53878847
wavelet-LHL	glcm	SumSquares	48.32846
wavelet-LHL	glcm	ClusterProminence	333103.5183
wavelet-LHL	glcm	lmc2	0.910115345
wavelet-LHL	glcm	lmc1	-0.228509752
wavelet-LHL	glcm	DifferenceAverage	4.768022967
wavelet-LHL	glcm	ld	0.326752763
wavelet-LHL	glcm	ClusterTendency	120.7779497
wavelet-LHL	firstorder	InterquartileRange	134.580258
wavelet-LHL	firstorder	Skewness	-3.700685784
wavelet-LHL	firstorder	Uniformity	0.07406657
wavelet-LHL	firstorder	Median	-12.6818723
wavelet-LHL	firstorder	Energy	10221739.73
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	54.75252468
wavelet-LHL	firstorder	MeanAbsoluteDeviation	109.8157299
wavelet-LHL	firstorder	TotalEnergy	275986972.6
wavelet-LHL	firstorder	Maximum	217.0080702
wavelet-LHL	firstorder	RootMeanSquared	209.4519696
wavelet-LHL	firstorder	90Percentile	115.0579308
wavelet-LHL	firstorder	Minimum	-1367.316887
wavelet-LHL	firstorder	Entropy	4.023912624
wavelet-LHL	firstorder	Range	1584.324957
wavelet-LHL	firstorder	Variance	42215.78931
wavelet-LHL	firstorder	10Percentile	-139.128132
wavelet-LHL	firstorder	Kurtosis	19.54658583
wavelet-LHL	firstorder	Mean	-40.67355738

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.005008352
wavelet-LHL	grlm	GrayLevelVariance	70.93617262
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.005023185
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.073395347
wavelet-LHL	grlm	RunVariance	0.078816269
wavelet-LHL	grlm	GrayLevelNonUniformity	16.04250524
wavelet-LHL	grlm	LongRunEmphasis	1.21864792
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	2818.572041
wavelet-LHL	grlm	RunLengthNonUniformity	194.5687432
wavelet-LHL	grlm	ShortRunEmphasis	0.954348218
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	3632.833327
wavelet-LHL	grlm	RunPercentage	0.938263453
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.005095325
wavelet-LHL	grlm	RunEntropy	4.318086655
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	2960.996549
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.888495337
wavelet-LHL	glszm	GrayLevelVariance	140.0724826
wavelet-LHL	glszm	ZoneVariance	8.390516493
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.059678819
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.392144097
wavelet-LHL	glszm	SizeZoneNonUniformity	37.64583333
wavelet-LHL	glszm	GrayLevelNonUniformity	5.729166667
wavelet-LHL	glszm	LargeAreaEmphasis	14.28125
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1699.098163
wavelet-LHL	glszm	ZonePercentage	0.412017167
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.015406839
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	43262.75
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2803.0625
wavelet-LHL	glszm	SmallAreaEmphasis	0.649802502
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.011007655
wavelet-LHL	glszm	ZoneEntropy	5.561372266
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010894662
wavelet-LHL	ngtdm	Coarseness	0.024459554
wavelet-LHL	ngtdm	Complexity	2184.603642
wavelet-LHL	ngtdm	Strength	32.62526627
wavelet-LHL	ngtdm	Contrast	0.700997246
wavelet-LHL	ngtdm	Busyness	0.024732653
wavelet-LHH	gldm	GrayLevelVariance	8.85811122
wavelet-LHH	gldm	HighGrayLevelEmphasis	80.48927039
wavelet-LHH	gldm	DependenceEntropy	5.578571863
wavelet-LHH	gldm	DependenceNonUniformity	43.88412017
wavelet-LHH	gldm	GrayLevelNonUniformity	23.31759657
wavelet-LHH	gldm	SmallDependenceEmphasis	0.321788318
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	25.04106507
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.188343863
wavelet-LHH	gldm	LargeDependenceEmphasis	11.59227468
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.199484557
wavelet-LHH	gldm	DependenceVariance	2.847943414
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	954.6351931
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018758851
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.032652823
wavelet-LHH	glcm	JointAverage	8.524674947
wavelet-LHH	glcm	SumAverage	17.04934989

wavelet-LHH	glcm	JointEntropy	6.429029144
wavelet-LHH	glcm	ClusterShade	-4.840238794
wavelet-LHH	glcm	MaximumProbability	0.037626115
wavelet-LHH	glcm	Idmn	0.95620666
wavelet-LHH	glcm	JointEnergy	0.014736021
wavelet-LHH	glcm	Contrast	16.41579074
wavelet-LHH	glcm	DifferenceEntropy	3.063852448
wavelet-LHH	glcm	InverseVariance	0.272568501
wavelet-LHH	glcm	DifferenceVariance	6.236617643
wavelet-LHH	glcm	Idn	0.862282577
wavelet-LHH	glcm	Idm	0.269990892
wavelet-LHH	glcm	Correlation	-0.001157765
wavelet-LHH	glcm	Autocorrelation	72.68903254
wavelet-LHH	glcm	SumEntropy	3.917448695
wavelet-LHH	glcm	SumSquares	8.221791683
wavelet-LHH	glcm	ClusterProminence	913.5417815
wavelet-LHH	glcm	Imc2	0.801023869
wavelet-LHH	glcm	Imc1	-0.150106896
wavelet-LHH	glcm	DifferenceAverage	3.150213584
wavelet-LHH	glcm	Id	0.360524291
wavelet-LHH	glcm	ClusterTendency	16.47137599
wavelet-LHH	firstorder	InterquartileRange	101.1451338
wavelet-LHH	firstorder	Skewness	0.051180468
wavelet-LHH	firstorder	Uniformity	0.100075522
wavelet-LHH	firstorder	Median	-4.972836387
wavelet-LHH	firstorder	Energy	1264271.523
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	40.10129236
wavelet-LHH	firstorder	MeanAbsoluteDeviation	58.53707806
wavelet-LHH	firstorder	TotalEnergy	34135331.12
wavelet-LHH	firstorder	Maximum	232.8241207
wavelet-LHH	firstorder	RootMeanSquared	73.6617814
wavelet-LHH	firstorder	90Percentile	90.37906201
wavelet-LHH	firstorder	Minimum	-199.3494455
wavelet-LHH	firstorder	Entropy	3.551718891
wavelet-LHH	firstorder	Range	432.1735662
wavelet-LHH	firstorder	Variance	5424.216945
wavelet-LHH	firstorder	10Percentile	-99.19629291
wavelet-LHH	firstorder	Kurtosis	3.096394759
wavelet-LHH	firstorder	Mean	-1.35686918
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.032944568
wavelet-LHH	grlm	GrayLevelVariance	9.191467391
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.033935189
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.097294049
wavelet-LHH	grlm	RunVariance	0.093904404
wavelet-LHH	grlm	GrayLevelNonUniformity	20.97063588
wavelet-LHH	grlm	LongRunEmphasis	1.267965518
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	75.5972459
wavelet-LHH	grlm	RunLengthNonUniformity	186.2437367
wavelet-LHH	grlm	ShortRunEmphasis	0.943026307
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	102.3212121
wavelet-LHH	grlm	RunPercentage	0.924727633
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.03849765
wavelet-LHH	grlm	RunEntropy	3.921249438

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	80.31709838
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.862595734
wavelet-LHH	glszm	GrayLevelVariance	14.14612234
wavelet-LHH	glszm	ZoneVariance	18.10331616
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.085480248
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.401770379
wavelet-LHH	glszm	SizeZoneNonUniformity	34.95402299
wavelet-LHH	glszm	GrayLevelNonUniformity	7.436781609
wavelet-LHH	glszm	LargeAreaEmphasis	25.27586207
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	50.6171659
wavelet-LHH	glszm	ZonePercentage	0.373390558
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.403931675
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2166.505747
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	77.22988506
wavelet-LHH	glszm	SmallAreaEmphasis	0.656285081
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.055912426
wavelet-LHH	glszm	ZoneEntropy	5.036005243
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.045350215
wavelet-LHH	ngtdm	Coarseness	0.024560992
wavelet-LHH	ngtdm	Complexity	265.6376437
wavelet-LHH	ngtdm	Strength	2.074446105
wavelet-LHH	ngtdm	Contrast	0.156734255
wavelet-LHH	ngtdm	Busyness	0.285396741
wavelet-LLH	gldm	GrayLevelVariance	20.21956566
wavelet-LLH	gldm	HighGrayLevelEmphasis	247.0257511
wavelet-LLH	gldm	DependenceEntropy	5.87748764
wavelet-LLH	gldm	DependenceNonUniformity	56.95708155
wavelet-LLH	gldm	GrayLevelNonUniformity	15.21459227
wavelet-LLH	gldm	SmallDependenceEmphasis	0.409293038
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	103.2561826
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.244450994
wavelet-LLH	gldm	LargeDependenceEmphasis	7.060085837
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.043400328
wavelet-LLH	gldm	DependenceVariance	1.508298182
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1767.72103
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006876061
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010312267
wavelet-LLH	glcm	JointAverage	15.05257525
wavelet-LLH	glcm	SumAverage	30.10515051
wavelet-LLH	glcm	JointEntropy	7.233265661
wavelet-LLH	glcm	ClusterShade	17.77334161
wavelet-LLH	glcm	MaximumProbability	0.020036061
wavelet-LLH	glcm	ldmn	0.954689965
wavelet-LLH	glcm	JointEnergy	0.007741768
wavelet-LLH	glcm	Contrast	35.3282803
wavelet-LLH	glcm	DifferenceEntropy	3.462642039
wavelet-LLH	glcm	InverseVariance	0.204752716
wavelet-LLH	glcm	DifferenceVariance	11.90931118
wavelet-LLH	glcm	ldn	0.859247455
wavelet-LLH	glcm	ldm	0.198117406
wavelet-LLH	glcm	Correlation	0.118209802
wavelet-LLH	glcm	Autocorrelation	229.0426738
wavelet-LLH	glcm	SumEntropy	4.548039423



wavelet-LLH	glcm	SumSquares	20.11156092
wavelet-LLH	glcm	ClusterProminence	5515.02019
wavelet-LLH	glcm	Imc2	0.922150981
wavelet-LLH	glcm	Imc1	-0.235500544
wavelet-LLH	glcm	DifferenceAverage	4.66096159
wavelet-LLH	glcm	Id	0.290646187
wavelet-LLH	glcm	ClusterTendency	45.11796339
wavelet-LLH	firstorder	InterquartileRange	165.6934133
wavelet-LLH	firstorder	Skewness	-0.047575109
wavelet-LLH	firstorder	Uniformity	0.065298679
wavelet-LLH	firstorder	Median	-9.237148753
wavelet-LLH	firstorder	Energy	2965349.164
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	65.32074725
wavelet-LLH	firstorder	MeanAbsoluteDeviation	90.89498728
wavelet-LLH	firstorder	TotalEnergy	80064427.44
wavelet-LLH	firstorder	Maximum	259.066441
wavelet-LLH	firstorder	RootMeanSquared	112.8132104
wavelet-LLH	firstorder	90Percentile	141.1336876
wavelet-LLH	firstorder	Minimum	-372.7427932
wavelet-LLH	firstorder	Entropy	4.115797982
wavelet-LLH	firstorder	Range	631.8092342
wavelet-LLH	firstorder	Variance	12608.62293
wavelet-LLH	firstorder	10Percentile	-160.3988832
wavelet-LLH	firstorder	Kurtosis	2.671194916
wavelet-LLH	firstorder	Mean	-10.87186809
wavelet-LLH	gllm	ShortRunLowGrayLevelEmphasis	0.010349693
wavelet-LLH	gllm	GrayLevelVariance	20.4435117
wavelet-LLH	gllm	LowGrayLevelRunEmphasis	0.010574566
wavelet-LLH	gllm	GrayLevelNonUniformityNormalized	0.064807325
wavelet-LLH	gllm	RunVariance	0.059773416
wavelet-LLH	gllm	GrayLevelNonUniformity	14.31139635
wavelet-LLH	gllm	LongRunEmphasis	1.17713381
wavelet-LLH	gllm	ShortRunHighGrayLevelEmphasis	237.0619185
wavelet-LLH	gllm	RunLengthNonUniformity	199.7103821
wavelet-LLH	gllm	ShortRunEmphasis	0.96018954
wavelet-LLH	gllm	LongRunHighGrayLevelEmphasis	290.6455222
wavelet-LLH	gllm	RunPercentage	0.94783757
wavelet-LLH	gllm	LongRunLowGrayLevelEmphasis	0.011578118
wavelet-LLH	gllm	RunEntropy	4.364860675
wavelet-LLH	gllm	HighGrayLevelRunEmphasis	246.9885605
wavelet-LLH	gllm	RunLengthNonUniformityNormalized	0.902302565
wavelet-LLH	glszm	GrayLevelVariance	24.91764987
wavelet-LLH	glszm	ZoneVariance	4.93104273
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.058832908
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.432397959
wavelet-LLH	glszm	SizeZoneNonUniformity	48.42857143
wavelet-LLH	glszm	GrayLevelNonUniformity	6.589285714
wavelet-LLH	glszm	LargeAreaEmphasis	9.258928571
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	174.4857097
wavelet-LLH	glszm	ZonePercentage	0.480686695
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.059317803
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2227.919643
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	251.2589286

wavelet-LLH	glszm	SmallAreaEmphasis	0.682242665
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015273597
wavelet-LLH	glszm	ZoneEntropy	5.357179561
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013311151
wavelet-LLH	ngtdm	Coarseness	0.024050963
wavelet-LLH	ngtdm	Complexity	689.7527841
wavelet-LLH	ngtdm	Strength	3.919178152
wavelet-LLH	ngtdm	Contrast	0.271744134
wavelet-LLH	ngtdm	Busyness	0.141999321
wavelet-LLL	gldm	GrayLevelVariance	353.0049918
wavelet-LLL	gldm	HighGrayLevelEmphasis	3431.111588
wavelet-LLL	gldm	DependenceEntropy	6.610742503
wavelet-LLL	gldm	DependenceNonUniformity	96.70815451
wavelet-LLL	gldm	GrayLevelNonUniformity	4.407725322
wavelet-LLL	gldm	SmallDependenceEmphasis	0.649484979
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1974.432433
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.415056457
wavelet-LLL	gldm	LargeDependenceEmphasis	3.497854077
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005671607
wavelet-LLL	gldm	DependenceVariance	0.79585183
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	14144.18455
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004846153
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.004954554
wavelet-LLL	glcm	JointAverage	56.5071532
wavelet-LLL	glcm	SumAverage	113.0143064
wavelet-LLL	glcm	JointEntropy	8.148113551
wavelet-LLL	glcm	ClusterShade	-17394.06872
wavelet-LLL	glcm	MaximumProbability	0.010359935
wavelet-LLL	glcm	ldmn	0.982225742
wavelet-LLL	glcm	JointEnergy	0.003739531
wavelet-LLL	glcm	Contrast	174.1654128
wavelet-LLL	glcm	DifferenceEntropy	4.482779295
wavelet-LLL	glcm	InverseVariance	0.108264519
wavelet-LLL	glcm	DifferenceVariance	61.74791241
wavelet-LLL	glcm	ldn	0.909248797
wavelet-LLL	glcm	ldm	0.103631713
wavelet-LLL	glcm	Correlation	0.710321237
wavelet-LLL	glcm	Autocorrelation	3407.427441
wavelet-LLL	glcm	SumEntropy	6.253271004
wavelet-LLL	glcm	SumSquares	301.1201263
wavelet-LLL	glcm	ClusterProminence	2688870.157
wavelet-LLL	glcm	lmc2	0.999521171
wavelet-LLL	glcm	lmc1	-0.599777478
wavelet-LLL	glcm	DifferenceAverage	10.19195229
wavelet-LLL	glcm	ld	0.18326081
wavelet-LLL	glcm	ClusterTendency	1030.315092
wavelet-LLL	firstorder	InterquartileRange	692.2295003
wavelet-LLL	firstorder	Skewness	-0.485296895
wavelet-LLL	firstorder	Uniformity	0.018917276
wavelet-LLL	firstorder	Median	-676.074207
wavelet-LLL	firstorder	Energy	182603118.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	290.1442178
wavelet-LLL	firstorder	MeanAbsoluteDeviation	390.418424

wavelet-LLL	firstorder	TotalEnergy	4930284209
wavelet-LLL	firstorder	Maximum	268.6031789
wavelet-LLL	firstorder	RootMeanSquared	885.2707907
wavelet-LLL	firstorder	90Percentile	-209.8738253
wavelet-LLL	firstorder	Minimum	-2123.193741
wavelet-LLL	firstorder	Entropy	5.919146854
wavelet-LLL	firstorder	Range	2391.79692
wavelet-LLL	firstorder	Variance	219975.0381
wavelet-LLL	firstorder	10Percentile	-1450.394187
wavelet-LLL	firstorder	Kurtosis	2.563241265
wavelet-LLL	firstorder	Mean	-750.8191092
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.005068083
wavelet-LLL	grlm	GrayLevelVariance	355.6419321
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.005073563
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.01871053
wavelet-LLL	grlm	RunVariance	0.027455737
wavelet-LLL	grlm	GrayLevelNonUniformity	4.251748496
wavelet-LLL	grlm	LongRunEmphasis	1.079359652
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3332.967721
wavelet-LLL	grlm	RunLengthNonUniformity	216.6285154
wavelet-LLL	grlm	ShortRunEmphasis	0.981672847
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3747.368187
wavelet-LLL	grlm	RunPercentage	0.975239353
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.005096855
wavelet-LLL	grlm	RunEntropy	6.001585328
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3410.487806
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.953058463
wavelet-LLL	glszm	GrayLevelVariance	383.7432526
wavelet-LLL	glszm	ZoneVariance	0.70384083
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.01716263
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.621107266
wavelet-LLL	glszm	SizeZoneNonUniformity	105.5882353
wavelet-LLL	glszm	GrayLevelNonUniformity	2.917647059
wavelet-LLL	glszm	LargeAreaEmphasis	2.582352941
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2394.403595
wavelet-LLL	glszm	ZonePercentage	0.729613734
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007129705
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9936.029412
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3143.082353
wavelet-LLL	glszm	SmallAreaEmphasis	0.815227124
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006679326
wavelet-LLL	glszm	ZoneEntropy	6.423961269
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006618993
wavelet-LLL	ngtdm	Coarseness	0.044284016
wavelet-LLL	ngtdm	Complexity	12158.42876
wavelet-LLL	ngtdm	Strength	95.60913887
wavelet-LLL	ngtdm	Contrast	0.810650387
wavelet-LLL	ngtdm	Busyness	0.006396033
wavelet-HHL	gldm	GrayLevelVariance	6.083552838
wavelet-HHL	gldm	HighGrayLevelEmphasis	63.20600858
wavelet-HHL	gldm	DependenceEntropy	5.361414973
wavelet-HHL	gldm	DependenceNonUniformity	27.93562232
wavelet-HHL	gldm	GrayLevelNonUniformity	40.20171674

wavelet-HHL	gldm	SmallDependenceEmphasis	0.218509423
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	17.60156262
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.119895375
wavelet-HHL	gldm	LargeDependenceEmphasis	26.49356223
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.567650785
wavelet-HHL	gldm	DependenceVariance	7.291863913
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1525.369099
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01377297
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.039131624
wavelet-HHL	glcm	JointAverage	7.549418622
wavelet-HHL	glcm	SumAverage	15.09883724
wavelet-HHL	glcm	JointEntropy	5.254610319
wavelet-HHL	glcm	ClusterShade	45.79768818
wavelet-HHL	glcm	MaximumProbability	0.089550508
wavelet-HHL	glcm	Idmn	0.986844901
wavelet-HHL	glcm	JointEnergy	0.039529575
wavelet-HHL	glcm	Contrast	9.756713808
wavelet-HHL	glcm	DifferenceEntropy	2.5391233
wavelet-HHL	glcm	InverseVariance	0.403207475
wavelet-HHL	glcm	DifferenceVariance	5.571589569
wavelet-HHL	glcm	Idn	0.930677676
wavelet-HHL	glcm	Idm	0.413456077
wavelet-HHL	glcm	Correlation	-0.057878086
wavelet-HHL	glcm	Autocorrelation	56.76416073
wavelet-HHL	glcm	SumEntropy	3.223757344
wavelet-HHL	glcm	SumSquares	4.646496664
wavelet-HHL	glcm	ClusterProminence	1521.272456
wavelet-HHL	glcm	Imc2	0.698821729
wavelet-HHL	glcm	Imc1	-0.123849917
wavelet-HHL	glcm	DifferenceAverage	2.025040958
wavelet-HHL	glcm	Id	0.477832437
wavelet-HHL	glcm	ClusterTendency	8.829272847
wavelet-HHL	firstorder	InterquartileRange	48.83578737
wavelet-HHL	firstorder	Skewness	2.464402161
wavelet-HHL	firstorder	Uniformity	0.172539557
wavelet-HHL	firstorder	Median	0.405341738
wavelet-HHL	firstorder	Energy	887398.9836
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	22.10309252
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wavelet-HHL	firstorder	TotalEnergy	23959772.56
wavelet-HHL	firstorder	Maximum	443.7514641
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wavelet-HHL	firstorder	Entropy	2.911556863
wavelet-HHL	firstorder	Range	613.7095967
wavelet-HHL	firstorder	Variance	3806.247524
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wavelet-HHL	firstorder	Kurtosis	21.74710542
wavelet-HHL	firstorder	Mean	1.527024872
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.039131931
wavelet-HHL	glrlm	GrayLevelVariance	6.81793863
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.041376991

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.158126017
wavelet-HHL	glrlm	RunVariance	0.175981526
wavelet-HHL	glrlm	GrayLevelNonUniformity	32.06211894
wavelet-HHL	glrlm	LongRunEmphasis	1.504317506
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	58.24410023
wavelet-HHL	glrlm	RunLengthNonUniformity	157.0479026
wavelet-HHL	glrlm	ShortRunEmphasis	0.900150207
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	93.00994358
wavelet-HHL	glrlm	RunPercentage	0.869924067
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.054210322
wavelet-HHL	glrlm	RunEntropy	3.54781909
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	64.03789109
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.772674984
wavelet-HHL	glszm	GrayLevelVariance	19.30049587
wavelet-HHL	glszm	ZoneVariance	120.1441322
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.110743802
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.393057851
wavelet-HHL	glszm	SizeZoneNonUniformity	21.61818182
wavelet-HHL	glszm	GrayLevelNonUniformity	6.090909091
wavelet-HHL	glszm	LargeAreaEmphasis	138.0909091
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	58.46784274
wavelet-HHL	glszm	ZonePercentage	0.236051502
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.699404734
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	7895.509091
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	80.70909091
wavelet-HHL	glszm	SmallAreaEmphasis	0.645823578
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.067188777
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.043520668
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wavelet-HHL	ngtdm	Busyness	0.280586194
wavelet-HLH	gldm	GrayLevelVariance	2.450662197
wavelet-HLH	gldm	HighGrayLevelEmphasis	56.94420601
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wavelet-HLH	gldm	GrayLevelNonUniformity	45.61802575
wavelet-HLH	gldm	SmallDependenceEmphasis	0.205189695
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	12.43952178
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.120521653
wavelet-HLH	gldm	LargeDependenceEmphasis	27.32618026
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.525643535
wavelet-HLH	gldm	DependenceVariance	6.824329054
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wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010261398
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.025918356
wavelet-HLH	glcm	JointAverage	7.386624899
wavelet-HLH	glcm	SumAverage	14.7732498
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wavelet-HLH	glcm	ClusterShade	-1.634797198
wavelet-HLH	glcm	MaximumProbability	0.080009276

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wavelet-HLH	glcm	Contrast	4.932640985
wavelet-HLH	glcm	DifferenceEntropy	2.333068987
wavelet-HLH	glcm	InverseVariance	0.411505108
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wavelet-HLH	glcm	SumEntropy	3.064117824
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wavelet-HLH	glcm	ClusterProminence	82.64507791
wavelet-HLH	glcm	Imc2	0.56890528
wavelet-HLH	glcm	Imc1	-0.076602923
wavelet-HLH	glcm	DifferenceAverage	1.695725283
wavelet-HLH	glcm	Id	0.491364662
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wavelet-HLH	firstorder	Uniformity	0.195785518
wavelet-HLH	firstorder	Median	-0.795801572
wavelet-HLH	firstorder	Energy	341261.6378
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	18.79412971
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wavelet-HLH	firstorder	RootMeanSquared	38.27064439
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wavelet-HLH	firstorder	Minimum	-160.6221348
wavelet-HLH	firstorder	Entropy	2.631964643
wavelet-HLH	firstorder	Range	264.2840254
wavelet-HLH	firstorder	Variance	1460.711318
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wavelet-HLH	firstorder	Kurtosis	4.656296414
wavelet-HLH	firstorder	Mean	-1.982650838
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.024990932
wavelet-HLH	grlm	GrayLevelVariance	2.697476043
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.026992261
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.184741979
wavelet-HLH	grlm	RunVariance	0.185702606
wavelet-HLH	grlm	GrayLevelNonUniformity	37.2059951
wavelet-HLH	grlm	LongRunEmphasis	1.530167939
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	51.22525329
wavelet-HLH	grlm	RunLengthNonUniformity	153.9116993
wavelet-HLH	grlm	ShortRunEmphasis	0.895481274
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	86.65131114
wavelet-HLH	grlm	RunPercentage	0.864311654
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.037151785
wavelet-HLH	grlm	RunEntropy	3.294727796
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	57.09952167
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.762625948
wavelet-HLH	glszm	GrayLevelVariance	7.982222222

wavelet-HLH	glszm	ZoneVariance	166.0128395
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.130864198
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.53382716
wavelet-HLH	glszm	SizeZoneNonUniformity	24.02222222
wavelet-HLH	glszm	GrayLevelNonUniformity	5.888888889
wavelet-HLH	glszm	LargeAreaEmphasis	192.8222222
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	46.99523633
wavelet-HLH	glszm	ZonePercentage	0.193133047
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	3.56017897
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	11094.13333
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	59.82222222
wavelet-HLH	glszm	SmallAreaEmphasis	0.75129968
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.053088844
wavelet-HLH	glszm	ZoneEntropy	3.899658863
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.04673681
wavelet-HLH	ngtdm	Coarseness	0.024734464
wavelet-HLH	ngtdm	Complexity	66.32940948
wavelet-HLH	ngtdm	Strength	1.069817615
wavelet-HLH	ngtdm	Contrast	0.057233413
wavelet-HLH	ngtdm	Busyness	0.426246806

Image type	Feature Class	Feature Name	
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general	info	MaskHash	
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	122
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original	shape	LeastAxis	12.53039592
original	shape	Maximum2DDiameterColumn	25.8069758
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original	gldm	GrayLevelVariance	131.6205321
original	gldm	HighGrayLevelEmphasis	1034.57377
original	gldm	DependenceEntropy	5.770369408
original	gldm	DependenceNonUniformity	32.39344262
original	gldm	GrayLevelNonUniformity	7.163934426
original	gldm	SmallDependenceEmphasis	0.508254172
original	gldm	SmallDependenceHighGrayLevelEmphasis	362.2087877
original	gldm	DependenceNonUniformityNormalized	0.265520021
original	gldm	LargeDependenceEmphasis	11.73770492
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.022213398
original	gldm	DependenceVariance	4.943563558
original	gldm	LargeDependenceHighGrayLevelEmphasis	17694.29508
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014217629



original	gldm	LowGrayLevelEmphasis	0.014711659
original	glcm	JointAverage	32.02772767
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original	glcm	JointEntropy	6.550440201
original	glcm	ClusterShade	-3421.567126
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original	glcm	ldmn	0.911623965
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original	glcm	Contrast	215.1083244
original	glcm	DifferenceEntropy	4.417170919
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original	glcm	ldn	0.826795607
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original	glcm	Correlation	0.030523928
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original	glcm	SumEntropy	4.924946213
original	glcm	SumSquares	111.1989118
original	glcm	ClusterProminence	181573.1328
original	glcm	lmc2	0.991166394
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original	glcm	ClusterTendency	229.6873228
original	firstorder	InterquartileRange	373.25
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original	firstorder	Uniformity	0.058720774
original	firstorder	Median	-111.5
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original	firstorder	RobustMeanAbsoluteDeviation	169.59375
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original	firstorder	Minimum	-937
original	firstorder	Entropy	4.584700872
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original	firstorder	Variance	82864.86946
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original	firstorder	Mean	-211.2704918
original	glrlm	ShortRunLowGrayLevelEmphasis	0.015600355
original	glrlm	GrayLevelVariance	134.0399161
original	glrlm	LowGrayLevelRunEmphasis	0.015636766
original	glrlm	GrayLevelNonUniformityNormalized	0.052121093
original	glrlm	RunVariance	0.078164754
original	glrlm	GrayLevelNonUniformity	5.97131766
original	glrlm	LongRunEmphasis	1.216055774
original	glrlm	ShortRunHighGrayLevelEmphasis	936.3586994
original	glrlm	RunLengthNonUniformity	101.711684
original	glrlm	ShortRunEmphasis	0.954559321
original	glrlm	LongRunHighGrayLevelEmphasis	1329.085165

original	glrlm	RunPercentage	0.938209332
original	glrlm	LongRunLowGrayLevelEmphasis	0.015803745
original	glrlm	RunEntropy	4.855701907
original	glrlm	HighGrayLevelRunEmphasis	1003.878932
original	glrlm	RunLengthNonUniformityNormalized	0.888008411
original	glszm	GrayLevelVariance	141.5420408
original	glszm	ZoneVariance	5.733877551
original	glszm	GrayLevelNonUniformityNormalized	0.035918367
original	glszm	SizeZoneNonUniformityNormalized	0.573877551
original	glszm	SizeZoneNonUniformity	40.17142857
original	glszm	GrayLevelNonUniformity	2.514285714
original	glszm	LargeAreaEmphasis	8.771428571
original	glszm	SmallAreaHighGrayLevelEmphasis	504.2821103
original	glszm	ZonePercentage	0.573770492
original	glszm	LargeAreaLowGrayLevelEmphasis	0.030501861
original	glszm	LargeAreaHighGrayLevelEmphasis	12741.91429
original	glszm	HighGrayLevelZoneEmphasis	758
original	glszm	SmallAreaEmphasis	0.784243717
original	glszm	LowGrayLevelZoneEmphasis	0.024952612
original	glszm	ZoneEntropy	5.339508552
original	glszm	SmallAreaLowGrayLevelEmphasis	0.024660241
original	ngtdm	Coarseness	0.019867356
original	ngtdm	Complexity	5065.315141
original	ngtdm	Strength	21.25275265
original	ngtdm	Contrast	2.191213235
original	ngtdm	Busyness	0.042665266
wavelet-HHH	gldm	GrayLevelVariance	21.00080623
wavelet-HHH	gldm	HighGrayLevelEmphasis	178.6885246
wavelet-HHH	gldm	DependenceEntropy	5.322566666
wavelet-HHH	gldm	DependenceNonUniformity	40.62295082
wavelet-HHH	gldm	GrayLevelNonUniformity	8.459016393
wavelet-HHH	gldm	SmallDependenceEmphasis	0.572318919
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	102.1882073
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.332975007
wavelet-HHH	gldm	LargeDependenceEmphasis	5.180327869
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.049655413
wavelet-HHH	gldm	DependenceVariance	1.438323031
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	963.6065574
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018352685
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.021535074
wavelet-HHH	glcm	JointAverage	12.49654737
wavelet-HHH	glcm	SumAverage	24.99309474
wavelet-HHH	glcm	JointEntropy	6.592575455
wavelet-HHH	glcm	ClusterShade	-3.349021764
wavelet-HHH	glcm	MaximumProbability	0.027278571
wavelet-HHH	glcm	ldmn	0.940659955
wavelet-HHH	glcm	JointEnergy	0.011727194
wavelet-HHH	glcm	Contrast	40.50781807
wavelet-HHH	glcm	DifferenceEntropy	3.592952241
wavelet-HHH	glcm	InverseVariance	0.166559033
wavelet-HHH	glcm	DifferenceVariance	13.83060063
wavelet-HHH	glcm	ldn	0.836663612
wavelet-HHH	glcm	ldm	0.162858363

wavelet-HHH	glcm	Correlation	-0.037047923
wavelet-HHH	glcm	Autocorrelation	155.3974818
wavelet-HHH	glcm	SumEntropy	4.304982298
wavelet-HHH	glcm	SumSquares	19.47750787
wavelet-HHH	glcm	ClusterProminence	4089.2029
wavelet-HHH	glcm	Imc2	0.967913459
wavelet-HHH	glcm	Imc1	-0.347992034
wavelet-HHH	glcm	DifferenceAverage	5.129320896
wavelet-HHH	glcm	Id	0.260511509
wavelet-HHH	glcm	ClusterTendency	37.40221341
wavelet-HHH	firstorder	InterquartileRange	166.9563597
wavelet-HHH	firstorder	Skewness	-0.005293269
wavelet-HHH	firstorder	Uniformity	0.0693362
wavelet-HHH	firstorder	Median	-3.870859641
wavelet-HHH	firstorder	Energy	1562554.321
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	62.51298402
wavelet-HHH	firstorder	MeanAbsoluteDeviation	90.38906366
wavelet-HHH	firstorder	TotalEnergy	42188966.66
wavelet-HHH	firstorder	Maximum	283.8686598
wavelet-HHH	firstorder	RootMeanSquared	113.1716497
wavelet-HHH	firstorder	90Percentile	152.0743549
wavelet-HHH	firstorder	Minimum	-283.045641
wavelet-HHH	firstorder	Entropy	4.068025378
wavelet-HHH	firstorder	Range	566.9143009
wavelet-HHH	firstorder	Variance	12806.41029
wavelet-HHH	firstorder	10Percentile	-140.8298243
wavelet-HHH	firstorder	Kurtosis	2.799595177
wavelet-HHH	firstorder	Mean	1.188279291
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.021894597
wavelet-HHH	glrlm	GrayLevelVariance	21.38391606
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.022081454
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.068415479
wavelet-HHH	glrlm	RunVariance	0.041211306
wavelet-HHH	glrlm	GrayLevelNonUniformity	8.048880443
wavelet-HHH	glrlm	LongRunEmphasis	1.118492326
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	173.6627513
wavelet-HHH	glrlm	RunLengthNonUniformity	109.7875232
wavelet-HHH	glrlm	ShortRunEmphasis	0.973363058
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	200.0630969
wavelet-HHH	glrlm	RunPercentage	0.96406053
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.022918742
wavelet-HHH	glrlm	RunEntropy	4.220386102
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	178.549784
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.932783889
wavelet-HHH	glszm	GrayLevelVariance	26.28617209
wavelet-HHH	glszm	ZoneVariance	1.513859958
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.061688832
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.579234097
wavelet-HHH	glszm	SizeZoneNonUniformity	45.75949367
wavelet-HHH	glszm	GrayLevelNonUniformity	4.873417722
wavelet-HHH	glszm	LargeAreaEmphasis	3.898734177
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	141.0986197
wavelet-HHH	glszm	ZonePercentage	0.647540984

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.050110347
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	694.278481
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	179.5443038
wavelet-HHH	glszm	SmallAreaEmphasis	0.787833821
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.029214771
wavelet-HHH	glszm	ZoneEntropy	4.934933084
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.027588798
wavelet-HHH	ngtdm	Coarseness	0.041086988
wavelet-HHH	ngtdm	Complexity	717.7074604
wavelet-HHH	ngtdm	Strength	6.140175739
wavelet-HHH	ngtdm	Contrast	0.351878688
wavelet-HHH	ngtdm	Busyness	0.10095573
wavelet-HLL	gldm	GrayLevelVariance	53.19356356
wavelet-HLL	gldm	HighGrayLevelEmphasis	345.8278689
wavelet-HLL	gldm	DependenceEntropy	5.384487674
wavelet-HLL	gldm	DependenceNonUniformity	51.18032787
wavelet-HLL	gldm	GrayLevelNonUniformity	5.721311475
wavelet-HLL	gldm	SmallDependenceEmphasis	0.65253643
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	243.2159927
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.419510884
wavelet-HLL	gldm	LargeDependenceEmphasis	3.868852459
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.040152372
wavelet-HLL	gldm	DependenceVariance	1.072829884
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1096.97541
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012214712
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01519949
wavelet-HLL	glcm	JointAverage	16.48098034
wavelet-HLL	glcm	SumAverage	32.96196068
wavelet-HLL	glcm	JointEntropy	6.847634956
wavelet-HLL	glcm	ClusterShade	396.4426849
wavelet-HLL	glcm	MaximumProbability	0.024607248
wavelet-HLL	glcm	Idmn	0.958164961
wavelet-HLL	glcm	JointEnergy	0.009543697
wavelet-HLL	glcm	Contrast	73.97662978
wavelet-HLL	glcm	DifferenceEntropy	3.874931185
wavelet-HLL	glcm	InverseVariance	0.154003687
wavelet-HLL	glcm	DifferenceVariance	28.77572474
wavelet-HLL	glcm	Idn	0.865471738
wavelet-HLL	glcm	Idm	0.137070232
wavelet-HLL	glcm	Correlation	0.114385799
wavelet-HLL	glcm	Autocorrelation	277.588316
wavelet-HLL	glcm	SumEntropy	4.7283888
wavelet-HLL	glcm	SumSquares	42.85610547
wavelet-HLL	glcm	ClusterProminence	37903.65168
wavelet-HLL	glcm	Imc2	0.992965618
wavelet-HLL	glcm	Imc1	-0.477724222
wavelet-HLL	glcm	DifferenceAverage	6.638389138
wavelet-HLL	glcm	Id	0.229005191
wavelet-HLL	glcm	ClusterTendency	97.44779209
wavelet-HLL	firstorder	InterquartileRange	208.6940393
wavelet-HLL	firstorder	Skewness	0.542629201
wavelet-HLL	firstorder	Uniformity	0.046895996
wavelet-HLL	firstorder	Median	-24.02036667

wavelet-HLL	firstorder	Energy	4093737.837
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	89.78788296
wavelet-HLL	firstorder	MeanAbsoluteDeviation	140.2604994
wavelet-HLL	firstorder	TotalEnergy	110530921.6
wavelet-HLL	firstorder	Maximum	548.2743151
wavelet-HLL	firstorder	RootMeanSquared	183.1808619
wavelet-HLL	firstorder	90Percentile	198.3987175
wavelet-HLL	firstorder	Minimum	-405.1456597
wavelet-HLL	firstorder	Entropy	4.617465266
wavelet-HLL	firstorder	Range	953.4199748
wavelet-HLL	firstorder	Variance	33441.8695
wavelet-HLL	firstorder	10Percentile	-229.4688611
wavelet-HLL	firstorder	Kurtosis	3.563916725
wavelet-HLL	firstorder	Mean	-10.64700297
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.015179902
wavelet-HLL	grlm	GrayLevelVariance	53.60636927
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.015361943
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.046325114
wavelet-HLL	grlm	RunVariance	0.027135227
wavelet-HLL	grlm	GrayLevelNonUniformity	5.505813816
wavelet-HLL	grlm	LongRunEmphasis	1.081713848
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	342.3793139
wavelet-HLL	grlm	RunLengthNonUniformity	112.902912
wavelet-HLL	grlm	ShortRunEmphasis	0.980308349
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	370.084495
wavelet-HLL	grlm	RunPercentage	0.974148802
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.016101617
wavelet-HLL	grlm	RunEntropy	4.71464113
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	347.7694512
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.949536827
wavelet-HLL	glszm	GrayLevelVariance	57.08271948
wavelet-HLL	glszm	ZoneVariance	0.752083082
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.043835286
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.615263857
wavelet-HLL	glszm	SizeZoneNonUniformity	55.98901099
wavelet-HLL	glszm	GrayLevelNonUniformity	3.989010989
wavelet-HLL	glszm	LargeAreaEmphasis	2.549450549
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	305.964591
wavelet-HLL	glszm	ZonePercentage	0.745901639
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.029787033
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	788.1868132
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	365.0659341
wavelet-HLL	glszm	SmallAreaEmphasis	0.811527015
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017430331
wavelet-HLL	glszm	ZoneEntropy	5.209848113
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015926534
wavelet-HLL	ngtdm	Coarseness	0.047494443
wavelet-HLL	ngtdm	Complexity	1774.619654
wavelet-HLL	ngtdm	Strength	15.28887755
wavelet-HLL	ngtdm	Contrast	0.600220232
wavelet-HLL	ngtdm	Busyness	0.052978624
wavelet-LHL	gldm	GrayLevelVariance	251.2790245
wavelet-LHL	gldm	HighGrayLevelEmphasis	1330.02459

wavelet-LHL	gldm	DependenceEntropy	5.903817563
wavelet-LHL	gldm	DependenceNonUniformity	62.70491803
wavelet-LHL	gldm	GrayLevelNonUniformity	3.278688525
wavelet-LHL	gldm	SmallDependenceEmphasis	0.73712204
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1066.488379
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.513974738
wavelet-LHL	gldm	LargeDependenceEmphasis	2.508196721
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014953349
wavelet-LHL	gldm	DependenceVariance	0.474066111
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2805.270492
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010476609
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011241461
wavelet-LHL	glcm	JointAverage	32.31906077
wavelet-LHL	glcm	SumAverage	64.63812153
wavelet-LHL	glcm	JointEntropy	7.076562646
wavelet-LHL	glcm	ClusterShade	3341.006832
wavelet-LHL	glcm	MaximumProbability	0.014379361
wavelet-LHL	glcm	ldmn	0.918954916
wavelet-LHL	glcm	JointEnergy	0.007698335
wavelet-LHL	glcm	Contrast	497.1136726
wavelet-LHL	glcm	DifferenceEntropy	4.794780438
wavelet-LHL	glcm	InverseVariance	0.082593389
wavelet-LHL	glcm	DifferenceVariance	189.9233675
wavelet-LHL	glcm	ldn	0.825099686
wavelet-LHL	glcm	ldm	0.078647195
wavelet-LHL	glcm	Correlation	0.020206857
wavelet-LHL	glcm	Autocorrelation	1048.963922
wavelet-LHL	glcm	SumEntropy	5.402495865
wavelet-LHL	glcm	SumSquares	252.9716422
wavelet-LHL	glcm	ClusterProminence	726720.3846
wavelet-LHL	glcm	lmc2	0.999673718
wavelet-LHL	glcm	lmc1	-0.685144824
wavelet-LHL	glcm	DifferenceAverage	16.65662848
wavelet-LHL	glcm	ld	0.146434741
wavelet-LHL	glcm	ClusterTendency	514.7728962
wavelet-LHL	firstorder	InterquartileRange	629.1368381
wavelet-LHL	firstorder	Skewness	0.164679388
wavelet-LHL	firstorder	Uniformity	0.026874496
wavelet-LHL	firstorder	Median	-124.9533639
wavelet-LHL	firstorder	Energy	19724455.54
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	252.5858775
wavelet-LHL	firstorder	MeanAbsoluteDeviation	339.2993309
wavelet-LHL	firstorder	TotalEnergy	532560299.7
wavelet-LHL	firstorder	Maximum	802.6842682
wavelet-LHL	firstorder	RootMeanSquared	402.0893745
wavelet-LHL	firstorder	90Percentile	511.4188854
wavelet-LHL	firstorder	Minimum	-852.8906077
wavelet-LHL	firstorder	Entropy	5.480180887
wavelet-LHL	firstorder	Range	1655.574876
wavelet-LHL	firstorder	Variance	157182.4944
wavelet-LHL	firstorder	10Percentile	-563.9586072
wavelet-LHL	firstorder	Kurtosis	2.167937284
wavelet-LHL	firstorder	Mean	-67.03260958

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.011352607
wavelet-LHL	grlm	GrayLevelVariance	252.8383314
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.011385851
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.026607124
wavelet-LHL	grlm	RunVariance	0.016381381
wavelet-LHL	grlm	GrayLevelNonUniformity	3.193037147
wavelet-LHL	grlm	LongRunEmphasis	1.050362636
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1323.197129
wavelet-LHL	grlm	RunLengthNonUniformity	116.0961611
wavelet-LHL	grlm	ShortRunEmphasis	0.987409341
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1385.672791
wavelet-LHL	grlm	RunPercentage	0.983606557
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.011518829
wavelet-LHL	grlm	RunEntropy	5.531849163
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1335.692262
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.967237239
wavelet-LHL	glszm	GrayLevelVariance	271.4777176
wavelet-LHL	glszm	ZoneVariance	0.409412745
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.024156601
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.701374427
wavelet-LHL	glszm	SizeZoneNonUniformity	68.73469388
wavelet-LHL	glszm	GrayLevelNonUniformity	2.367346939
wavelet-LHL	glszm	LargeAreaEmphasis	1.959183673
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1271.311567
wavelet-LHL	glszm	ZonePercentage	0.803278689
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.015628721
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2402.622449
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1406.755102
wavelet-LHL	glszm	SmallAreaEmphasis	0.86300737
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.013322321
wavelet-LHL	glszm	ZoneEntropy	5.813390201
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012883225
wavelet-LHL	ngtdm	Coarseness	0.030499493
wavelet-LHL	ngtdm	Complexity	16091.91557
wavelet-LHL	ngtdm	Strength	42.90571164
wavelet-LHL	ngtdm	Contrast	2.196547242
wavelet-LHL	ngtdm	Busyness	0.021926583
wavelet-LHH	gldm	GrayLevelVariance	50.69020425
wavelet-LHH	gldm	HighGrayLevelEmphasis	292.4672131
wavelet-LHH	gldm	DependenceEntropy	5.387132625
wavelet-LHH	gldm	DependenceNonUniformity	49.70491803
wavelet-LHH	gldm	GrayLevelNonUniformity	5.754098361
wavelet-LHH	gldm	SmallDependenceEmphasis	0.639615209
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	209.8609973
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.407417361
wavelet-LHH	gldm	LargeDependenceEmphasis	3.393442623
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.043571021
wavelet-LHH	gldm	DependenceVariance	0.705993013
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	856.8114754
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017539149
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.021651919
wavelet-LHH	glcm	JointAverage	15.65779215
wavelet-LHH	glcm	SumAverage	31.31558429

wavelet-LHH	glcm	JointEntropy	6.894161509
wavelet-LHH	glcm	ClusterShade	151.3350829
wavelet-LHH	glcm	MaximumProbability	0.023518632
wavelet-LHH	glcm	Idmn	0.919112847
wavelet-LHH	glcm	JointEnergy	0.009177147
wavelet-LHH	glcm	Contrast	101.6804254
wavelet-LHH	glcm	DifferenceEntropy	4.144350408
wavelet-LHH	glcm	InverseVariance	0.111027934
wavelet-LHH	glcm	DifferenceVariance	31.80471498
wavelet-LHH	glcm	Idn	0.809901775
wavelet-LHH	glcm	Idm	0.109659028
wavelet-LHH	glcm	Correlation	-0.007873974
wavelet-LHH	glcm	Autocorrelation	244.7106532
wavelet-LHH	glcm	SumEntropy	4.824776904
wavelet-LHH	glcm	SumSquares	50.3351393
wavelet-LHH	glcm	ClusterProminence	26607.66814
wavelet-LHH	glcm	Imc2	0.993007041
wavelet-LHH	glcm	Imc1	-0.476579414
wavelet-LHH	glcm	DifferenceAverage	8.279417383
wavelet-LHH	glcm	Id	0.194259146
wavelet-LHH	glcm	ClusterTendency	99.66013185
wavelet-LHH	firstorder	InterquartileRange	263.3119538
wavelet-LHH	firstorder	Skewness	0.1689544
wavelet-LHH	firstorder	Uniformity	0.047164741
wavelet-LHH	firstorder	Median	16.18530974
wavelet-LHH	firstorder	Energy	3968633.299
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	105.7782779
wavelet-LHH	firstorder	MeanAbsoluteDeviation	147.6737005
wavelet-LHH	firstorder	TotalEnergy	107153099.1
wavelet-LHH	firstorder	Maximum	443.0582815
wavelet-LHH	firstorder	RootMeanSquared	180.3601429
wavelet-LHH	firstorder	90Percentile	288.3167674
wavelet-LHH	firstorder	Minimum	-337.5133952
wavelet-LHH	firstorder	Entropy	4.631988226
wavelet-LHH	firstorder	Range	780.5716767
wavelet-LHH	firstorder	Variance	31836.55997
wavelet-LHH	firstorder	10Percentile	-188.7147389
wavelet-LHH	firstorder	Kurtosis	2.390318165
wavelet-LHH	firstorder	Mean	26.32909362
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.021757173
wavelet-LHH	grlm	GrayLevelVariance	51.28613059
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.021947803
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.046542921
wavelet-LHH	grlm	RunVariance	0.025880542
wavelet-LHH	grlm	GrayLevelNonUniformity	5.539458136
wavelet-LHH	grlm	LongRunEmphasis	1.077727084
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	289.7167817
wavelet-LHH	grlm	RunLengthNonUniformity	113.3478859
wavelet-LHH	grlm	ShortRunEmphasis	0.98130504
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	312.2868483
wavelet-LHH	grlm	RunPercentage	0.975409836
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.02271769
wavelet-LHH	grlm	RunEntropy	4.730227581



wavelet-LHH	grlm	HighGrayLevelRunEmphasis	293.9950155
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.952046197
wavelet-LHH	glszm	GrayLevelVariance	59.40018496
wavelet-LHH	glszm	ZoneVariance	1.091029198
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.042145594
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.623728366
wavelet-LHH	glszm	SizeZoneNonUniformity	54.26436782
wavelet-LHH	glszm	GrayLevelNonUniformity	3.666666667
wavelet-LHH	glszm	LargeAreaEmphasis	3.057471264
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	276.1055587
wavelet-LHH	glszm	ZonePercentage	0.713114754
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.043181937
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	839.0689655
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	316.8735632
wavelet-LHH	glszm	SmallAreaEmphasis	0.816313059
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.026119392
wavelet-LHH	glszm	ZoneEntropy	5.228109192
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02364345
wavelet-LHH	ngtdm	Coarseness	0.033065271
wavelet-LHH	ngtdm	Complexity	2268.686702
wavelet-LHH	ngtdm	Strength	10.9296356
wavelet-LHH	ngtdm	Contrast	0.682363074
wavelet-LHH	ngtdm	Busyness	0.072125888
wavelet-LLH	gldm	GrayLevelVariance	169.2610185
wavelet-LLH	gldm	HighGrayLevelEmphasis	933.647541
wavelet-LLH	gldm	DependenceEntropy	5.812674813
wavelet-LLH	gldm	DependenceNonUniformity	59.04918033
wavelet-LLH	gldm	GrayLevelNonUniformity	3.704918033
wavelet-LLH	gldm	SmallDependenceEmphasis	0.709984062
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	693.6442395
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.484009675
wavelet-LLH	gldm	LargeDependenceEmphasis	2.803278689
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017952538
wavelet-LLH	gldm	DependenceVariance	0.577801666
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2167.319672
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011308366
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012288026
wavelet-LLH	glcm	JointAverage	26.37964688
wavelet-LLH	glcm	SumAverage	52.75929376
wavelet-LLH	glcm	JointEntropy	7.037467695
wavelet-LLH	glcm	ClusterShade	2886.166358
wavelet-LLH	glcm	MaximumProbability	0.01740936
wavelet-LLH	glcm	ldmn	0.933374627
wavelet-LLH	glcm	JointEnergy	0.00799728
wavelet-LLH	glcm	Contrast	258.187796
wavelet-LLH	glcm	DifferenceEntropy	4.541596102
wavelet-LLH	glcm	InverseVariance	0.097512762
wavelet-LLH	glcm	DifferenceVariance	94.1735534
wavelet-LLH	glcm	ldn	0.835700421
wavelet-LLH	glcm	ldm	0.092053535
wavelet-LLH	glcm	Correlation	0.154516885
wavelet-LLH	glcm	Autocorrelation	720.3866568
wavelet-LLH	glcm	SumEntropy	5.273720587

wavelet-LLH	glcm	SumSquares	153.3587117
wavelet-LLH	glcm	ClusterProminence	373097.0112
wavelet-LLH	glcm	Imc2	0.999366217
wavelet-LLH	glcm	Imc1	-0.645617952
wavelet-LLH	glcm	DifferenceAverage	12.37753709
wavelet-LLH	glcm	Id	0.166394979
wavelet-LLH	glcm	ClusterTendency	355.247051
wavelet-LLH	firstorder	InterquartileRange	501.274393
wavelet-LLH	firstorder	Skewness	0.197169152
wavelet-LLH	firstorder	Uniformity	0.030368181
wavelet-LLH	firstorder	Median	-110.5457948
wavelet-LLH	firstorder	Energy	13604160.92
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	207.7551793
wavelet-LLH	firstorder	MeanAbsoluteDeviation	278.8835145
wavelet-LLH	firstorder	TotalEnergy	367312344.8
wavelet-LLH	firstorder	Maximum	632.2598979
wavelet-LLH	firstorder	RootMeanSquared	333.9304055
wavelet-LLH	firstorder	90Percentile	411.6754444
wavelet-LLH	firstorder	Minimum	-747.6573876
wavelet-LLH	firstorder	Entropy	5.317220125
wavelet-LLH	firstorder	Range	1379.917285
wavelet-LLH	firstorder	Variance	106433.907
wavelet-LLH	firstorder	10Percentile	-478.1098607
wavelet-LLH	firstorder	Kurtosis	2.16726832
wavelet-LLH	firstorder	Mean	-71.24330651
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.012418199
wavelet-LLH	grlm	GrayLevelVariance	170.1689688
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.012465245
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.029964958
wavelet-LLH	grlm	RunVariance	0.018892341
wavelet-LLH	grlm	GrayLevelNonUniformity	3.58720189
wavelet-LLH	grlm	LongRunEmphasis	1.058580768
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	926.3820181
wavelet-LLH	grlm	RunLengthNonUniformity	115.2261076
wavelet-LLH	grlm	ShortRunEmphasis	0.985354808
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	981.0179889
wavelet-LLH	grlm	RunPercentage	0.981084489
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.01265343
wavelet-LLH	grlm	RunEntropy	5.379620021
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	937.3092122
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.962215319
wavelet-LLH	glszm	GrayLevelVariance	182.2803305
wavelet-LLH	glszm	ZoneVariance	0.847442282
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.027387958
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.693526483
wavelet-LLH	glszm	SizeZoneNonUniformity	65.19148936
wavelet-LLH	glszm	GrayLevelNonUniformity	2.574468085
wavelet-LLH	glszm	LargeAreaEmphasis	2.531914894
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	846.9804588
wavelet-LLH	glszm	ZonePercentage	0.770491803
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.01956879
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1944.946809
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	981.2446809

wavelet-LLH	glszm	SmallAreaEmphasis	0.857639628
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.0149832
wavelet-LLH	glszm	ZoneEntropy	5.664708634
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01446489
wavelet-LLH	ngtdm	Coarseness	0.034274539
wavelet-LLH	ngtdm	Complexity	8623.081849
wavelet-LLH	ngtdm	Strength	34.29333976
wavelet-LLH	ngtdm	Contrast	1.384946465
wavelet-LLH	ngtdm	Busyness	0.029047131
wavelet-LLL	gldm	GrayLevelVariance	514.6764983
wavelet-LLL	gldm	HighGrayLevelEmphasis	3148.385246
wavelet-LLL	gldm	DependenceEntropy	6.207256497
wavelet-LLL	gldm	DependenceNonUniformity	74.37704918
wavelet-LLL	gldm	GrayLevelNonUniformity	2.37704918
wavelet-LLL	gldm	SmallDependenceEmphasis	0.806010929
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2441.348361
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.609647944
wavelet-LLL	gldm	LargeDependenceEmphasis	1.885245902
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012250181
wavelet-LLL	gldm	DependenceVariance	0.250201559
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6575.221311
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011753985
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.011849228
wavelet-LLL	glcm	JointAverage	56.66865172
wavelet-LLL	glcm	SumAverage	113.3373034
wavelet-LLL	glcm	JointEntropy	7.124123789
wavelet-LLL	glcm	ClusterShade	-17572.74598
wavelet-LLL	glcm	MaximumProbability	0.013733639
wavelet-LLL	glcm	ldmn	0.931361933
wavelet-LLL	glcm	JointEnergy	0.007380037
wavelet-LLL	glcm	Contrast	703.8496969
wavelet-LLL	glcm	DifferenceEntropy	5.016911479
wavelet-LLL	glcm	InverseVariance	0.050861432
wavelet-LLL	glcm	DifferenceVariance	232.7607723
wavelet-LLL	glcm	ldn	0.828619912
wavelet-LLL	glcm	ldm	0.050929598
wavelet-LLL	glcm	Correlation	0.249420823
wavelet-LLL	glcm	Autocorrelation	3322.675117
wavelet-LLL	glcm	SumEntropy	5.59912256
wavelet-LLL	glcm	SumSquares	462.3628348
wavelet-LLL	glcm	ClusterProminence	3557671.33
wavelet-LLL	glcm	lmc2	0.999900425
wavelet-LLL	glcm	lmc1	-0.750327496
wavelet-LLL	glcm	DifferenceAverage	21.11740843
wavelet-LLL	glcm	ld	0.108970567
wavelet-LLL	glcm	ClusterTendency	1145.601642
wavelet-LLL	firstorder	InterquartileRange	889.1756494
wavelet-LLL	firstorder	Skewness	-0.329004013
wavelet-LLL	firstorder	Uniformity	0.01948401
wavelet-LLL	firstorder	Median	-600.7122584
wavelet-LLL	firstorder	Energy	95375307.01
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	352.821653
wavelet-LLL	firstorder	MeanAbsoluteDeviation	475.4274759

wavelet-LLL	firstorder	TotalEnergy	2575133289
wavelet-LLL	firstorder	Maximum	348.0749654
wavelet-LLL	firstorder	RootMeanSquared	884.1746499
wavelet-LLL	firstorder	90Percentile	-19.54505979
wavelet-LLL	firstorder	Minimum	-1935.384884
wavelet-LLL	firstorder	Entropy	5.881448252
wavelet-LLL	firstorder	Range	2283.459849
wavelet-LLL	firstorder	Variance	321361.8999
wavelet-LLL	firstorder	10Percentile	-1483.645473
wavelet-LLL	firstorder	Kurtosis	2.224982358
wavelet-LLL	firstorder	Mean	-678.5299637
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.011969954
wavelet-LLL	grlm	GrayLevelVariance	516.2406492
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.011973803
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.019380873
wavelet-LLL	grlm	RunVariance	0.010713202
wavelet-LLL	grlm	GrayLevelNonUniformity	2.33928701
wavelet-LLL	grlm	LongRunEmphasis	1.03283938
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3110.507003
wavelet-LLL	grlm	RunLengthNonUniformity	118.1324747
wavelet-LLL	grlm	ShortRunEmphasis	0.991790155
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3265.525396
wavelet-LLL	grlm	RunPercentage	0.989281211
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.011989199
wavelet-LLL	grlm	RunEntropy	5.908118234
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3141.510681
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.978573596
wavelet-LLL	glszm	GrayLevelVariance	537.1528345
wavelet-LLL	glszm	ZoneVariance	0.211882086
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.018049887
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.764353741
wavelet-LLL	glszm	SizeZoneNonUniformity	80.25714286
wavelet-LLL	glszm	GrayLevelNonUniformity	1.895238095
wavelet-LLL	glszm	LargeAreaEmphasis	1.561904762
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2688.591071
wavelet-LLL	glszm	ZonePercentage	0.860655738
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013933315
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5301.171429
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3046.685714
wavelet-LLL	glszm	SmallAreaEmphasis	0.896891534
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.013691771
wavelet-LLL	glszm	ZoneEntropy	6.15934397
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013638188
wavelet-LLL	ngtdm	Coarseness	0.031115353
wavelet-LLL	ngtdm	Complexity	32710.63596
wavelet-LLL	ngtdm	Strength	85.2358517
wavelet-LLL	ngtdm	Contrast	3.343564568
wavelet-LLL	ngtdm	Busyness	0.011042719
wavelet-HHL	gldm	GrayLevelVariance	39.11851653
wavelet-HHL	gldm	HighGrayLevelEmphasis	320.9180328
wavelet-HHL	gldm	DependenceEntropy	5.344827219
wavelet-HHL	gldm	DependenceNonUniformity	51.03278689
wavelet-HHL	gldm	GrayLevelNonUniformity	6.868852459

wavelet-HHL	gldm	SmallDependenceEmphasis	0.643214936
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	207.4173497
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.418301532
wavelet-HHL	gldm	LargeDependenceEmphasis	3.196721311
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.026322665
wavelet-HHL	gldm	DependenceVariance	0.615694706
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	992.2295082
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015406782
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016972974
wavelet-HHL	glcm	JointAverage	16.64446602
wavelet-HHL	glcm	SumAverage	33.28893204
wavelet-HHL	glcm	JointEntropy	6.850969707
wavelet-HHL	glcm	ClusterShade	-16.6182441
wavelet-HHL	glcm	MaximumProbability	0.02394719
wavelet-HHL	glcm	Idmn	0.936366871
wavelet-HHL	glcm	JointEnergy	0.009495648
wavelet-HHL	glcm	Contrast	88.55639055
wavelet-HHL	glcm	DifferenceEntropy	3.995478338
wavelet-HHL	glcm	InverseVariance	0.151599487
wavelet-HHL	glcm	DifferenceVariance	31.10360628
wavelet-HHL	glcm	Idn	0.835418013
wavelet-HHL	glcm	Idm	0.13221535
wavelet-HHL	glcm	Correlation	-0.005798652
wavelet-HHL	glcm	Autocorrelation	276.8715012
wavelet-HHL	glcm	SumEntropy	4.713650816
wavelet-HHL	glcm	SumSquares	44.08990484
wavelet-HHL	glcm	ClusterProminence	21899.43887
wavelet-HHL	glcm	Imc2	0.991792755
wavelet-HHL	glcm	Imc1	-0.46783506
wavelet-HHL	glcm	DifferenceAverage	7.431202068
wavelet-HHL	glcm	Id	0.218213894
wavelet-HHL	glcm	ClusterTendency	87.80322881
wavelet-HHL	firstorder	InterquartileRange	168.6880422
wavelet-HHL	firstorder	Skewness	0.026860859
wavelet-HHL	firstorder	Uniformity	0.056302069
wavelet-HHL	firstorder	Median	-1.158625066
wavelet-HHL	firstorder	Energy	2970059.936
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	75.35198508
wavelet-HHL	firstorder	MeanAbsoluteDeviation	118.4801223
wavelet-HHL	firstorder	TotalEnergy	80191618.27
wavelet-HHL	firstorder	Maximum	448.4454213
wavelet-HHL	firstorder	RootMeanSquared	156.0280538
wavelet-HHL	firstorder	90Percentile	235.4143957
wavelet-HHL	firstorder	Minimum	-394.0061341
wavelet-HHL	firstorder	Entropy	4.437295298
wavelet-HHL	firstorder	Range	842.4515554
wavelet-HHL	firstorder	Variance	24278.03473
wavelet-HHL	firstorder	10Percentile	-186.1859283
wavelet-HHL	firstorder	Kurtosis	3.121300714
wavelet-HHL	firstorder	Mean	8.168160144
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.017201556
wavelet-HHL	glrlm	GrayLevelVariance	39.52361472
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.017277447

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.05553255
wavelet-HHL	glrlm	RunVariance	0.024609152
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.617515373
wavelet-HHL	glrlm	LongRunEmphasis	1.073422098
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	315.64579
wavelet-HHL	glrlm	RunLengthNonUniformity	113.776966
wavelet-HHL	glrlm	ShortRunEmphasis	0.982368798
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	343.8707212
wavelet-HHL	glrlm	RunPercentage	0.97667087
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.017593884
wavelet-HHL	glrlm	RunEntropy	4.543012764
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	321.1603982
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.954593597
wavelet-HHL	glszm	GrayLevelVariance	45.46360153
wavelet-HHL	glszm	ZoneVariance	0.884132646
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.047958779
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.615801295
wavelet-HHL	glszm	SizeZoneNonUniformity	53.57471264
wavelet-HHL	glszm	GrayLevelNonUniformity	4.172413793
wavelet-HHL	glszm	LargeAreaEmphasis	2.850574713
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	261.5898679
wavelet-HHL	glszm	ZonePercentage	0.713114754
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.029888352
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	878.4827586
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	323.2413793
wavelet-HHL	glszm	SmallAreaEmphasis	0.811358459
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.022066599
wavelet-HHL	glszm	ZoneEntropy	5.211236421
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.02121247
wavelet-HHL	ngtdm	Coarseness	0.043271585
wavelet-HHL	ngtdm	Complexity	1623.0842
wavelet-HHL	ngtdm	Strength	11.35063418
wavelet-HHL	ngtdm	Contrast	0.481142497
wavelet-HHL	ngtdm	Busyness	0.049612905
wavelet-HLH	gldm	GrayLevelVariance	20.73078474
wavelet-HLH	gldm	HighGrayLevelEmphasis	161.795082
wavelet-HLH	gldm	DependenceEntropy	5.428298969
wavelet-HLH	gldm	DependenceNonUniformity	32.42622951
wavelet-HLH	gldm	GrayLevelNonUniformity	8.557377049
wavelet-HLH	gldm	SmallDependenceEmphasis	0.482008057
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	85.93831098
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.265788766
wavelet-HLH	gldm	LargeDependenceEmphasis	7
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.081793469
wavelet-HLH	gldm	DependenceVariance	1.955925826
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1046.92623
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02383334
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.029196326
wavelet-HLH	glcm	JointAverage	11.93774038
wavelet-HLH	glcm	SumAverage	23.87548076
wavelet-HLH	glcm	JointEntropy	6.527564949
wavelet-HLH	glcm	ClusterShade	-9.336841052
wavelet-HLH	glcm	MaximumProbability	0.033899352

wavelet-HLH	glcm	Idmn	0.928988548
wavelet-HLH	glcm	JointEnergy	0.012527467
wavelet-HLH	glcm	Contrast	42.6337061
wavelet-HLH	glcm	DifferenceEntropy	3.625549502
wavelet-HLH	glcm	InverseVariance	0.166786993
wavelet-HLH	glcm	DifferenceVariance	15.4857696
wavelet-HLH	glcm	Idn	0.826500032
wavelet-HLH	glcm	Idm	0.183209976
wavelet-HLH	glcm	Correlation	-0.075869334
wavelet-HLH	glcm	Autocorrelation	141.100644
wavelet-HLH	glcm	SumEntropy	4.284280689
wavelet-HLH	glcm	SumSquares	19.87279954
wavelet-HLH	glcm	ClusterProminence	4187.746532
wavelet-HLH	glcm	Imc2	0.971826045
wavelet-HLH	glcm	Imc1	-0.367791485
wavelet-HLH	glcm	DifferenceAverage	5.150601688
wavelet-HLH	glcm	Id	0.276892661
wavelet-HLH	glcm	ClusterTendency	36.85749206
wavelet-HLH	firstorder	InterquartileRange	160.0769468
wavelet-HLH	firstorder	Skewness	-0.089956044
wavelet-HLH	firstorder	Uniformity	0.070142435
wavelet-HLH	firstorder	Median	7.765154102
wavelet-HLH	firstorder	Energy	1613501.25
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	63.11643335
wavelet-HLH	firstorder	MeanAbsoluteDeviation	91.42966237
wavelet-HLH	firstorder	TotalEnergy	43564533.75
wavelet-HLH	firstorder	Maximum	260.9864532
wavelet-HLH	firstorder	RootMeanSquared	115.0018264
wavelet-HLH	firstorder	90Percentile	167.9715397
wavelet-HLH	firstorder	Minimum	-272.0094992
wavelet-HLH	firstorder	Entropy	4.059629118
wavelet-HLH	firstorder	Range	532.9959524
wavelet-HLH	firstorder	Variance	13146.21684
wavelet-HLH	firstorder	10Percentile	-150.0290571
wavelet-HLH	firstorder	Kurtosis	2.609908993
wavelet-HLH	firstorder	Mean	8.899620107
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.029863045
wavelet-HLH	grlm	GrayLevelVariance	21.34090426
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.030203622
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.068281127
wavelet-HLH	grlm	RunVariance	0.054587448
wavelet-HLH	grlm	GrayLevelNonUniformity	7.932014464
wavelet-HLH	grlm	LongRunEmphasis	1.159287949
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	157.1137513
wavelet-HLH	grlm	RunLengthNonUniformity	105.7734712
wavelet-HLH	grlm	ShortRunEmphasis	0.963995564
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	185.9682379
wavelet-HLH	grlm	RunPercentage	0.952080706
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.031685571
wavelet-HLH	grlm	RunEntropy	4.27248488
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	162.4865139
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.909989903
wavelet-HLH	glszm	GrayLevelVariance	29.54453627

wavelet-HLH	glszm	ZoneVariance	3.886134068
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058769513
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.529384757
wavelet-HLH	glszm	SizeZoneNonUniformity	34.93939394
wavelet-HLH	glszm	GrayLevelNonUniformity	3.878787879
wavelet-HLH	glszm	LargeAreaEmphasis	7.303030303
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	139.3471149
wavelet-HLH	glszm	ZonePercentage	0.540983607
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.099076548
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1140.893939
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	172.8181818
wavelet-HLH	glszm	SmallAreaEmphasis	0.753169986
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.045472039
wavelet-HLH	glszm	ZoneEntropy	4.903724233
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.042456277
wavelet-HLH	ngtdm	Coarseness	0.040911566
wavelet-HLH	ngtdm	Complexity	632.3525254
wavelet-HLH	ngtdm	Strength	5.125923276
wavelet-HLH	ngtdm	Contrast	0.38719794
wavelet-HLH	ngtdm	Busyness	0.112343348



Image type	Feature Class	Feature Name	
general	info	BoundingBox	36: RTSTRUCT: C99-DNU_segment_Left_Lung_GTV (0, 1, 1, 31, 33, 25)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	4d527653aaa4d1426738551132625c03e96c48e9 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	7f98fb588ee7d20734c970ab4042e348d5c12f4b
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	7698
original	shape	Maximum3DDiameter	116.1507641
original	shape	Maximum2DDiameterSlice	89.49860334
original	shape	Sphericity	0.670519105
original	shape	MinorAxis	74.40511291
original	shape	Elongation	0.817139631
original	shape	SurfaceVolumeRatio	0.121756572
original	shape	Volume	207846
original	shape	MajorAxis	91.05556756
original	shape	SurfaceArea	25306.61637
original	shape	Flatness	0.534589989
original	shape	LeastAxis	48.67739482
original	shape	Maximum2DDiameterColumn	90.04998612
original	shape	Maximum2DDiameterRow	115.8015544
original	gldm	GrayLevelVariance	132.1839884
original	gldm	HighGrayLevelEmphasis	1460.520395
original	gldm	DependenceEntropy	7.179779892
original	gldm	DependenceNonUniformity	757.1228891
original	gldm	GrayLevelNonUniformity	846.4250455
original	gldm	SmallDependenceEmphasis	0.278086883
original	gldm	SmallDependenceHighGrayLevelEmphasis	250.8933204
original	gldm	DependenceNonUniformityNormalized	0.098353194
original	gldm	LargeDependenceEmphasis	62.29020525
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.038731668
original	gldm	DependenceVariance	24.85132227
original	gldm	LargeDependenceHighGrayLevelEmphasis	115950.8124
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.001297991
original	gldm	LowGrayLevelEmphasis	0.002206709
original	glcm	JointAverage	37.81862967
original	glcm	SumAverage	75.63725934
original	glcm	JointEntropy	7.371523323
original	glcm	ClusterShade	-10365.899
original	glcm	MaximumProbability	0.089509566
original	glcm	Idmn	0.976094209
original	glcm	JointEnergy	0.031073481
original	glcm	Contrast	86.36953628

original	glcm	DifferenceEntropy	3.561535821
original	glcm	InverseVariance	0.343052132
original	glcm	DifferenceVariance	60.28328217
original	glcm	Idn	0.928479956
original	glcm	Idm	0.407674649
original	glcm	Correlation	0.603712224
original	glcm	Autocorrelation	1497.147702
original	glcm	SumEntropy	4.944892121
original	glcm	SumSquares	110.0038158
original	glcm	ClusterProminence	531279.1308
original	glcm	Imc2	0.799047191
original	glcm	Imc1	-0.134751288
original	glcm	DifferenceAverage	5.048430058
original	glcm	Id	0.454244001
original	glcm	ClusterTendency	353.6457271
original	firstorder	InterquartileRange	276.75
original	firstorder	Skewness	-1.354804255
original	firstorder	Uniformity	0.10995389
original	firstorder	Median	28
original	firstorder	Energy	758987654
original	firstorder	RobustMeanAbsoluteDeviation	157.6002427
original	firstorder	MeanAbsoluteDeviation	234.1415368
original	firstorder	TotalEnergy	20492666658
original	firstorder	Maximum	342
original	firstorder	RootMeanSquared	313.9990994
original	firstorder	90Percentile	73
original	firstorder	Minimum	-1017
original	firstorder	Entropy	4.185412839
original	firstorder	Range	1359
original	firstorder	Variance	82546.25071
original	firstorder	10Percentile	-671
original	firstorder	Kurtosis	3.321852251
original	firstorder	Mean	-126.6853728
original	glrlm	ShortRunLowGrayLevelEmphasis	0.002466657
original	glrlm	GrayLevelVariance	147.146464
original	glrlm	LowGrayLevelRunEmphasis	0.00257048
original	glrlm	GrayLevelNonUniformityNormalized	0.079638881
original	glrlm	RunVariance	0.449873403
original	glrlm	GrayLevelNonUniformity	492.66983
original	glrlm	LongRunEmphasis	2.003135803
original	glrlm	ShortRunHighGrayLevelEmphasis	1133.460889
original	glrlm	RunLengthNonUniformity	4425.980781
original	glrlm	ShortRunEmphasis	0.869757743
original	glrlm	LongRunHighGrayLevelEmphasis	3218.585251
original	glrlm	RunPercentage	0.803125687
original	glrlm	LongRunLowGrayLevelEmphasis	0.00325451
original	glrlm	RunEntropy	5.251257827
original	glrlm	HighGrayLevelRunEmphasis	1369.450794
original	glrlm	RunLengthNonUniformityNormalized	0.715283703
original	glszm	GrayLevelVariance	141.522278
original	glszm	ZoneVariance	2414.986887
original	glszm	GrayLevelNonUniformityNormalized	0.025779836
original	glszm	SizeZoneNonUniformityNormalized	0.592707773
original	glszm	SizeZoneNonUniformity	1356.115385
original	glszm	GrayLevelNonUniformity	58.98426573
original	glszm	LargeAreaEmphasis	2426.306818
original	glszm	SmallAreaHighGrayLevelEmphasis	664.3189413
original	glszm	ZonePercentage	0.297220057

original	glszm	LargeAreaLowGrayLevelEmphasis	1.29561653
original	glszm	LargeAreaHighGrayLevelEmphasis	4582810.228
original	glszm	HighGrayLevelZoneEmphasis	856.8977273
original	glszm	SmallAreaEmphasis	0.797465257
original	glszm	LowGrayLevelZoneEmphasis	0.004775011
original	glszm	ZoneEntropy	6.521097015
original	glszm	SmallAreaLowGrayLevelEmphasis	0.004021076
original	ngtdm	Coarseness	0.000625048
original	ngtdm	Complexity	4384.645107
original	ngtdm	Strength	1.516168279
original	ngtdm	Contrast	0.410462481
original	ngtdm	Busyness	0.574035129
wavelet-HHH	gldm	GrayLevelVariance	5.651918257
wavelet-HHH	gldm	HighGrayLevelEmphasis	311.8291764
wavelet-HHH	gldm	DependenceEntropy	6.1380304
wavelet-HHH	gldm	DependenceNonUniformity	616.0958691
wavelet-HHH	gldm	GrayLevelNonUniformity	1423.858145
wavelet-HHH	gldm	SmallDependenceEmphasis	0.186836077
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	60.88344517
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.080033238
wavelet-HHH	gldm	LargeDependenceEmphasis	65.81995323
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.21576271
wavelet-HHH	gldm	DependenceVariance	21.74539503
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	20258.00637
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000894421
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.003635362
wavelet-HHH	glcm	JointAverage	17.49632985
wavelet-HHH	glcm	SumAverage	34.99265971
wavelet-HHH	glcm	JointEntropy	5.709517123
wavelet-HHH	glcm	ClusterShade	0.116298183
wavelet-HHH	glcm	MaximumProbability	0.123921856
wavelet-HHH	glcm	Idmn	0.991614022
wavelet-HHH	glcm	JointEnergy	0.054450713
wavelet-HHH	glcm	Contrast	10.98983748
wavelet-HHH	glcm	DifferenceEntropy	2.737326094
wavelet-HHH	glcm	InverseVariance	0.39025839
wavelet-HHH	glcm	DifferenceVariance	6.55522409
wavelet-HHH	glcm	Idn	0.947517368
wavelet-HHH	glcm	Idm	0.458771012
wavelet-HHH	glcm	Correlation	-0.034957282
wavelet-HHH	glcm	Autocorrelation	305.9268706
wavelet-HHH	glcm	SumEntropy	3.438233929
wavelet-HHH	glcm	SumSquares	5.300213563
wavelet-HHH	glcm	ClusterProminence	883.7486515
wavelet-HHH	glcm	Imc2	0.547944853
wavelet-HHH	glcm	Imc1	-0.062331276
wavelet-HHH	glcm	DifferenceAverage	2.093669147
wavelet-HHH	glcm	Id	0.512046132
wavelet-HHH	glcm	ClusterTendency	10.21101677
wavelet-HHH	firstorder	InterquartileRange	39.20401598
wavelet-HHH	firstorder	Skewness	0.048349561
wavelet-HHH	firstorder	Uniformity	0.184964685
wavelet-HHH	firstorder	Median	0.440137207
wavelet-HHH	firstorder	Energy	26737432.1
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	18.8955223
wavelet-HHH	firstorder	MeanAbsoluteDeviation	37.54411111
wavelet-HHH	firstorder	TotalEnergy	721910666.8
wavelet-HHH	firstorder	Maximum	428.8538433

wavelet-HHH	firstorder	RootMeanSquared	58.93467515
wavelet-HHH	firstorder	90Percentile	61.68248425
wavelet-HHH	firstorder	Minimum	-419.5746315
wavelet-HHH	firstorder	Entropy	3.029985068
wavelet-HHH	firstorder	Range	848.4284749
wavelet-HHH	firstorder	Variance	3473.295609
wavelet-HHH	firstorder	10Percentile	-63.50050575
wavelet-HHH	firstorder	Kurtosis	8.003237282
wavelet-HHH	firstorder	Mean	-0.018041958
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003236187
wavelet-HHH	glrlm	GrayLevelVariance	6.959537009
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.003730803
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.148965311
wavelet-HHH	glrlm	RunVariance	0.494616897
wavelet-HHH	glrlm	GrayLevelNonUniformity	898.8969936
wavelet-HHH	glrlm	LongRunEmphasis	2.131683553
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	266.7755955
wavelet-HHH	glrlm	RunLengthNonUniformity	4098.046387
wavelet-HHH	glrlm	ShortRunEmphasis	0.850188492
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	661.1173193
wavelet-HHH	glrlm	RunPercentage	0.783120491
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.007450889
wavelet-HHH	glrlm	RunEntropy	4.103958562
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	312.9301397
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.678998617
wavelet-HHH	glszm	GrayLevelVariance	19.88106854
wavelet-HHH	glszm	ZoneVariance	6106.116746
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.071047249
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.485837383
wavelet-HHH	glszm	SizeZoneNonUniformity	714.1809524
wavelet-HHH	glszm	GrayLevelNonUniformity	104.4394558
wavelet-HHH	glszm	LargeAreaEmphasis	6133.540136
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	240.1251079
wavelet-HHH	glszm	ZonePercentage	0.190958691
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	20.01327772
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1886508.267
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	326.655102
wavelet-HHH	glszm	SmallAreaEmphasis	0.724327131
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.004827476
wavelet-HHH	glszm	ZoneEntropy	5.696542262
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003780316
wavelet-HHH	ngtdm	Coarseness	9.65E-04
wavelet-HHH	ngtdm	Complexity	772.3623778
wavelet-HHH	ngtdm	Strength	0.489300929
wavelet-HHH	ngtdm	Contrast	0.018750448
wavelet-HHH	ngtdm	Busyness	1.147021489
wavelet-HLL	gldm	GrayLevelVariance	26.67140566
wavelet-HLL	gldm	HighGrayLevelEmphasis	761.6673162
wavelet-HLL	gldm	DependenceEntropy	7.026661951
wavelet-HLL	gldm	DependenceNonUniformity	825.0626137
wavelet-HLL	gldm	GrayLevelNonUniformity	799.4572616
wavelet-HLL	gldm	SmallDependenceEmphasis	0.256379658
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	210.2974211
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.107178827
wavelet-HLL	gldm	LargeDependenceEmphasis	50.75136399
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.068587358
wavelet-HLL	gldm	DependenceVariance	21.28640871
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	38269.48389

wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000589409
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.001693098
wavelet-HLL	glcm	JointAverage	26.97813623
wavelet-HLL	glcm	SumAverage	53.95627246
wavelet-HLL	glcm	JointEntropy	7.449071149
wavelet-HLL	glcm	ClusterShade	223.8275401
wavelet-HLL	glcm	MaximumProbability	0.082668438
wavelet-HLL	glcm	ldmn	0.989995837
wavelet-HLL	glcm	JointEnergy	0.025660392
wavelet-HLL	glcm	Contrast	35.36066385
wavelet-HLL	glcm	DifferenceEntropy	3.401328624
wavelet-HLL	glcm	InverseVariance	0.317980855
wavelet-HLL	glcm	DifferenceVariance	21.7276569
wavelet-HLL	glcm	ldn	0.945017602
wavelet-HLL	glcm	ldm	0.368522057
wavelet-HLL	glcm	Correlation	0.28717474
wavelet-HLL	glcm	Autocorrelation	735.2247872
wavelet-HLL	glcm	SumEntropy	4.638705244
wavelet-HLL	glcm	SumSquares	25.08323066
wavelet-HLL	glcm	ClusterProminence	27433.58039
wavelet-HLL	glcm	lmc2	0.753536394
wavelet-HLL	glcm	lmc1	-0.112946165
wavelet-HLL	glcm	DifferenceAverage	3.628840868
wavelet-HLL	glcm	ld	0.431273947
wavelet-HLL	glcm	ClusterTendency	64.97225878
wavelet-HLL	firstorder	InterquartileRange	81.84523508
wavelet-HLL	firstorder	Skewness	0.376890456
wavelet-HLL	firstorder	Uniformity	0.103852593
wavelet-HLL	firstorder	Median	-4.782951004
wavelet-HLL	firstorder	Energy	128740672
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	41.68075728
wavelet-HLL	firstorder	MeanAbsoluteDeviation	83.04694182
wavelet-HLL	firstorder	TotalEnergy	3475998143
wavelet-HLL	firstorder	Maximum	742.083972
wavelet-HLL	firstorder	RootMeanSquared	129.3209637
wavelet-HLL	firstorder	90Percentile	138.8038758
wavelet-HLL	firstorder	Minimum	-665.7291316
wavelet-HLL	firstorder	Entropy	4.049597627
wavelet-HLL	firstorder	Range	1407.813104
wavelet-HLL	firstorder	Variance	16627.21138
wavelet-HLL	firstorder	10Percentile	-162.4680788
wavelet-HLL	firstorder	Kurtosis	6.108410402
wavelet-HLL	firstorder	Mean	-9.833630031
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001599095
wavelet-HLL	glrlm	GrayLevelVariance	31.10150047
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.001757759
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.080360152
wavelet-HLL	glrlm	RunVariance	0.377656925
wavelet-HLL	glrlm	GrayLevelNonUniformity	514.4193041
wavelet-HLL	glrlm	LongRunEmphasis	1.840021068
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	679.8131394
wavelet-HLL	glrlm	RunLengthNonUniformity	4786.415067
wavelet-HLL	glrlm	ShortRunEmphasis	0.886770165
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1395.018714
wavelet-HLL	glrlm	RunPercentage	0.829686032
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.002907137
wavelet-HLL	glrlm	RunEntropy	4.948809415
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	764.3165969

wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.747623654
wavelet-HLL	glszm	GrayLevelVariance	61.15487858
wavelet-HLL	glszm	ZoneVariance	1890.699295
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.03723777
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.450338024
wavelet-HLL	glszm	SizeZoneNonUniformity	990.2933151
wavelet-HLL	glszm	GrayLevelNonUniformity	81.88585721
wavelet-HLL	glszm	LargeAreaEmphasis	1902.95407
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	588.7854814
wavelet-HLL	glszm	ZonePercentage	0.285658613
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	2.520951454
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1440004.846
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	814.4938608
wavelet-HLL	glszm	SmallAreaEmphasis	0.697871427
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.002262828
wavelet-HLL	glszm	ZoneEntropy	6.643662979
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001738427
wavelet-HLL	ngtdm	Coarseness	0.001083096
wavelet-HLL	ngtdm	Complexity	2937.388804
wavelet-HLL	ngtdm	Strength	1.335563419
wavelet-HLL	ngtdm	Contrast	0.05438061
wavelet-HLL	ngtdm	Busyness	0.450415078
wavelet-LHL	gldm	GrayLevelVariance	58.69040759
wavelet-LHL	gldm	HighGrayLevelEmphasis	1754.358275
wavelet-LHL	gldm	DependenceEntropy	7.21290666
wavelet-LHL	gldm	DependenceNonUniformity	1045.291244
wavelet-LHL	gldm	GrayLevelNonUniformity	642.2307093
wavelet-LHL	gldm	SmallDependenceEmphasis	0.336886494
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	614.327846
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.135787379
wavelet-LHL	gldm	LargeDependenceEmphasis	39.76877111
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.023574962
wavelet-LHL	gldm	DependenceVariance	17.81848713
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	68439.14315
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000403613
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.000819983
wavelet-LHL	glcm	JointAverage	41.08298829
wavelet-LHL	glcm	SumAverage	82.16597658
wavelet-LHL	glcm	JointEntropy	8.216342663
wavelet-LHL	glcm	ClusterShade	230.096906
wavelet-LHL	glcm	MaximumProbability	0.066982282
wavelet-LHL	glcm	ldmn	0.988741891
wavelet-LHL	glcm	JointEnergy	0.018297539
wavelet-LHL	glcm	Contrast	87.89874737
wavelet-LHL	glcm	DifferenceEntropy	3.875514937
wavelet-LHL	glcm	InverseVariance	0.283742122
wavelet-LHL	glcm	DifferenceVariance	56.33025325
wavelet-LHL	glcm	ldn	0.94444361
wavelet-LHL	glcm	ldm	0.318926426
wavelet-LHL	glcm	Correlation	0.188438563
wavelet-LHL	glcm	Autocorrelation	1698.292801
wavelet-LHL	glcm	SumEntropy	5.038463264
wavelet-LHL	glcm	SumSquares	54.42864203
wavelet-LHL	glcm	ClusterProminence	116736.5437
wavelet-LHL	glcm	lmc2	0.809639433
wavelet-LHL	glcm	lmc1	-0.128050762
wavelet-LHL	glcm	DifferenceAverage	5.482907267
wavelet-LHL	glcm	ld	0.382414888

wavelet-LHL	glcm	ClusterTendency	129.8158208
wavelet-LHL	firstorder	InterquartileRange	97.01236895
wavelet-LHL	firstorder	Skewness	0.100772011
wavelet-LHL	firstorder	Uniformity	0.083428255
wavelet-LHL	firstorder	Median	-3.366613546
wavelet-LHL	firstorder	Energy	282550007.3
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	54.06205581
wavelet-LHL	firstorder	MeanAbsoluteDeviation	118.1593262
wavelet-LHL	firstorder	TotalEnergy	7628850198
wavelet-LHL	firstorder	Maximum	1057.697763
wavelet-LHL	firstorder	RootMeanSquared	191.5837669
wavelet-LHL	firstorder	90Percentile	200.454096
wavelet-LHL	firstorder	Minimum	-1013.123305
wavelet-LHL	firstorder	Entropy	4.502924712
wavelet-LHL	firstorder	Range	2070.821068
wavelet-LHL	firstorder	Variance	36637.72376
wavelet-LHL	firstorder	10Percentile	-224.6951795
wavelet-LHL	firstorder	Kurtosis	6.507136692
wavelet-LHL	firstorder	Mean	-8.161861529
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.000799983
wavelet-LHL	glrlm	GrayLevelVariance	67.10347185
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.000857069
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.065097357
wavelet-LHL	glrlm	RunVariance	0.280993336
wavelet-LHL	glrlm	GrayLevelNonUniformity	430.8580936
wavelet-LHL	glrlm	LongRunEmphasis	1.64541967
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1598.244685
wavelet-LHL	glrlm	RunLengthNonUniformity	5189.73811
wavelet-LHL	glrlm	ShortRunEmphasis	0.905212587
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2869.070847
wavelet-LHL	glrlm	RunPercentage	0.858264884
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.001240928
wavelet-LHL	glrlm	RunEntropy	5.291808068
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1760.779996
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.783933225
wavelet-LHL	glszm	GrayLevelVariance	124.4891822
wavelet-LHL	glszm	ZoneVariance	1103.574682
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026895476
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.55166621
wavelet-LHL	glszm	SizeZoneNonUniformity	1571.145365
wavelet-LHL	glszm	GrayLevelNonUniformity	76.59831461
wavelet-LHL	glszm	LargeAreaEmphasis	1110.880618
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1419.328196
wavelet-LHL	glszm	ZonePercentage	0.369966225
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.646733788
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1912045.102
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1824.661517
wavelet-LHL	glszm	SmallAreaEmphasis	0.771111296
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.001159609
wavelet-LHL	glszm	ZoneEntropy	6.787366935
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.000997319
wavelet-LHL	ngtdm	Coarseness	0.00102895
wavelet-LHL	ngtdm	Complexity	9864.092121
wavelet-LHL	ngtdm	Strength	2.599748404
wavelet-LHL	ngtdm	Contrast	0.088236421
wavelet-LHL	ngtdm	Busyness	0.208786846
wavelet-LHH	gldm	GrayLevelVariance	24.85048561
wavelet-LHH	gldm	HighGrayLevelEmphasis	1510.55339

wavelet-LHH	gldm	DependenceEntropy	6.705665752
wavelet-LHH	gldm	DependenceNonUniformity	856.0984671
wavelet-LHH	gldm	GrayLevelNonUniformity	896.5331255
wavelet-LHH	gldm	SmallDependenceEmphasis	0.277365507
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	435.7224434
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.111210505
wavelet-LHH	gldm	LargeDependenceEmphasis	45.56923876
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031102316
wavelet-LHH	gldm	DependenceVariance	18.28225489
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	67467.04131
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000385257
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.000883742
wavelet-LHH	glcm	JointAverage	38.53832886
wavelet-LHH	glcm	SumAverage	77.07665772
wavelet-LHH	glcm	JointEntropy	7.204569319
wavelet-LHH	glcm	ClusterShade	7.799229533
wavelet-LHH	glcm	MaximumProbability	0.08647349
wavelet-LHH	glcm	ldmn	0.992491331
wavelet-LHH	glcm	JointEnergy	0.027824517
wavelet-LHH	glcm	Contrast	45.82084401
wavelet-LHH	glcm	DifferenceEntropy	3.477122367
wavelet-LHH	glcm	InverseVariance	0.323501607
wavelet-LHH	glcm	DifferenceVariance	29.74955368
wavelet-LHH	glcm	ldn	0.95388121
wavelet-LHH	glcm	ldm	0.36373068
wavelet-LHH	glcm	Correlation	-0.013036591
wavelet-LHH	glcm	Autocorrelation	1484.900417
wavelet-LHH	glcm	SumEntropy	4.294033822
wavelet-LHH	glcm	SumSquares	22.60770482
wavelet-LHH	glcm	ClusterProminence	24464.8246
wavelet-LHH	glcm	lmc2	0.722211795
wavelet-LHH	glcm	lmc1	-0.100608084
wavelet-LHH	glcm	DifferenceAverage	3.950877128
wavelet-LHH	glcm	ld	0.425321232
wavelet-LHH	glcm	ClusterTendency	44.60997527
wavelet-LHH	firstorder	InterquartileRange	64.73613838
wavelet-LHH	firstorder	Skewness	-0.019339719
wavelet-LHH	firstorder	Uniformity	0.116463124
wavelet-LHH	firstorder	Median	-0.837194322
wavelet-LHH	firstorder	Energy	119019658.4
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	33.49243056
wavelet-LHH	firstorder	MeanAbsoluteDeviation	74.10853371
wavelet-LHH	firstorder	TotalEnergy	3213530777
wavelet-LHH	firstorder	Maximum	913.3792769
wavelet-LHH	firstorder	RootMeanSquared	124.3427295
wavelet-LHH	firstorder	90Percentile	125.8148457
wavelet-LHH	firstorder	Minimum	-933.8643123
wavelet-LHH	firstorder	Entropy	3.901571656
wavelet-LHH	firstorder	Range	1847.243589
wavelet-LHH	firstorder	Variance	15459.83815
wavelet-LHH	firstorder	10Percentile	-117.2612251
wavelet-LHH	firstorder	Kurtosis	10.06871724
wavelet-LHH	firstorder	Mean	1.129697046
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.000848513
wavelet-LHH	glrlm	GrayLevelVariance	29.14555122
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.000923592
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.092694094
wavelet-LHH	glrlm	RunVariance	0.330466509



wavelet-LHH	glrlm	GrayLevelNonUniformity	598.390547
wavelet-LHH	glrlm	LongRunEmphasis	1.763014622
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1352.595355
wavelet-LHH	glrlm	RunLengthNonUniformity	4864.466407
wavelet-LHH	glrlm	ShortRunEmphasis	0.88978399
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	2646.304108
wavelet-LHH	glrlm	RunPercentage	0.837550213
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.001442187
wavelet-LHH	glrlm	RunEntropy	4.774039013
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1516.107138
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.753033986
wavelet-LHH	glszm	GrayLevelVariance	66.51211147
wavelet-LHH	glszm	ZoneVariance	2066.074147
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.038457657
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.520196084
wavelet-LHH	glszm	SizeZoneNonUniformity	1194.370209
wavelet-LHH	glszm	GrayLevelNonUniformity	88.29878049
wavelet-LHH	glszm	LargeAreaEmphasis	2077.315331
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	1190.728432
wavelet-LHH	glszm	ZonePercentage	0.298259288
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	1.406943349
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3071299.307
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1568.783537
wavelet-LHH	glszm	SmallAreaEmphasis	0.749210908
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.001346855
wavelet-LHH	glszm	ZoneEntropy	6.421407207
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.001164117
wavelet-LHH	ngtdm	Coarseness	1.11E-03
wavelet-LHH	ngtdm	Complexity	5995.083482
wavelet-LHH	ngtdm	Strength	2.263333426
wavelet-LHH	ngtdm	Contrast	0.037232495
wavelet-LHH	ngtdm	Busyness	0.219026043
wavelet-LLH	gldm	GrayLevelVariance	60.55354346
wavelet-LLH	gldm	HighGrayLevelEmphasis	2211.534554
wavelet-LLH	gldm	DependenceEntropy	7.11710481
wavelet-LLH	gldm	DependenceNonUniformity	963.0259808
wavelet-LLH	gldm	GrayLevelNonUniformity	738.0426085
wavelet-LLH	gldm	SmallDependenceEmphasis	0.310283365
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	716.5220236
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.125100803
wavelet-LLH	gldm	LargeDependenceEmphasis	42.87113536
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020121078
wavelet-LLH	gldm	DependenceVariance	18.50104757
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	92849.53949
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000344627
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00067798
wavelet-LLH	glcm	JointAverage	46.3700077
wavelet-LLH	glcm	SumAverage	92.7400154
wavelet-LLH	glcm	JointEntropy	7.936622409
wavelet-LLH	glcm	ClusterShade	747.0844838
wavelet-LLH	glcm	MaximumProbability	0.075788369
wavelet-LLH	glcm	Idmn	0.992551621
wavelet-LLH	glcm	JointEnergy	0.02246613
wavelet-LLH	glcm	Contrast	88.38882292
wavelet-LLH	glcm	DifferenceEntropy	3.784135848
wavelet-LLH	glcm	InverseVariance	0.299255248
wavelet-LLH	glcm	DifferenceVariance	60.29854866
wavelet-LLH	glcm	Idn	0.956543756

wavelet-LLH	glcm	Idm	0.337654247
wavelet-LLH	glcm	Correlation	0.169671856
wavelet-LLH	glcm	Autocorrelation	2159.84709
wavelet-LLH	glcm	SumEntropy	4.895745915
wavelet-LLH	glcm	SumSquares	53.86165174
wavelet-LLH	glcm	ClusterProminence	162762.0608
wavelet-LLH	glcm	Imc2	0.816401737
wavelet-LLH	glcm	Imc1	-0.134781355
wavelet-LLH	glcm	DifferenceAverage	5.193022045
wavelet-LLH	glcm	Id	0.399242304
wavelet-LLH	glcm	ClusterTendency	127.057784
wavelet-LLH	firstorder	InterquartileRange	79.80413744
wavelet-LLH	firstorder	Skewness	0.292854303
wavelet-LLH	firstorder	Uniformity	0.095874592
wavelet-LLH	firstorder	Median	-2.149769001
wavelet-LLH	firstorder	Energy	290661553.4
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	47.26598023
wavelet-LLH	firstorder	MeanAbsoluteDeviation	112.7199116
wavelet-LLH	firstorder	TotalEnergy	7847861942
wavelet-LLH	firstorder	Maximum	1432.25413
wavelet-LLH	firstorder	RootMeanSquared	194.3143355
wavelet-LLH	firstorder	90Percentile	192.0665481
wavelet-LLH	firstorder	Minimum	-1140.618256
wavelet-LLH	firstorder	Entropy	4.389784336
wavelet-LLH	firstorder	Range	2572.872386
wavelet-LLH	firstorder	Variance	37748.98164
wavelet-LLH	firstorder	10Percentile	-195.6219157
wavelet-LLH	firstorder	Kurtosis	8.750814197
wavelet-LLH	firstorder	Mean	-3.013193874
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.000668018
wavelet-LLH	glrlm	GrayLevelVariance	70.27041301
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.000715678
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.073550674
wavelet-LLH	glrlm	RunVariance	0.310640548
wavelet-LLH	glrlm	GrayLevelNonUniformity	481.4364581
wavelet-LLH	glrlm	LongRunEmphasis	1.7065877
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2001.45863
wavelet-LLH	glrlm	RunLengthNonUniformity	5046.563025
wavelet-LLH	glrlm	ShortRunEmphasis	0.89880636
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3748.725086
wavelet-LLH	glrlm	RunPercentage	0.848592042
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001046085
wavelet-LLH	glrlm	RunEntropy	5.24134701
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2220.335161
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.771022858
wavelet-LLH	glszm	GrayLevelVariance	143.1217106
wavelet-LLH	glszm	ZoneVariance	1499.963984
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.026966484
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.516979653
wavelet-LLH	glszm	SizeZoneNonUniformity	1366.377223
wavelet-LLH	glszm	GrayLevelNonUniformity	71.27241771
wavelet-LLH	glszm	LargeAreaEmphasis	1508.447219
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1745.896317
wavelet-LLH	glszm	ZonePercentage	0.343335931
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.698318524
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3263590.118
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2304.896708
wavelet-LLH	glszm	SmallAreaEmphasis	0.747147271

wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.001056722
wavelet-LLH	glszm	ZoneEntropy	6.952220033
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.000924538
wavelet-LLH	ngtdm	Coarseness	0.001024978
wavelet-LLH	ngtdm	Complexity	13293.55174
wavelet-LLH	ngtdm	Strength	4.258988607
wavelet-LLH	ngtdm	Contrast	0.063399314
wavelet-LLH	ngtdm	Busyness	0.149988964
wavelet-LLL	gldm	GrayLevelVariance	856.8802827
wavelet-LLL	gldm	HighGrayLevelEmphasis	8478.047805
wavelet-LLL	gldm	DependenceEntropy	8.158674796
wavelet-LLL	gldm	DependenceNonUniformity	1501.157963
wavelet-LLL	gldm	GrayLevelNonUniformity	278.0698883
wavelet-LLL	gldm	SmallDependenceEmphasis	0.444225671
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2605.229066
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.195006231
wavelet-LLL	gldm	LargeDependenceEmphasis	29.08469732
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003504683
wavelet-LLL	gldm	DependenceVariance	13.89313289
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	329967.6293
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.0006909
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.000796864
wavelet-LLL	glcm	JointAverage	90.93086676
wavelet-LLL	glcm	SumAverage	181.8617335
wavelet-LLL	glcm	JointEntropy	9.908905794
wavelet-LLL	glcm	ClusterShade	-169776.9842
wavelet-LLL	glcm	MaximumProbability	0.03098996
wavelet-LLL	glcm	Idmn	0.982314683
wavelet-LLL	glcm	JointEnergy	0.00600679
wavelet-LLL	glcm	Contrast	379.8501902
wavelet-LLL	glcm	DifferenceEntropy	4.717299103
wavelet-LLL	glcm	InverseVariance	0.238169918
wavelet-LLL	glcm	DifferenceVariance	240.1748401
wavelet-LLL	glcm	Idn	0.931644324
wavelet-LLL	glcm	Idm	0.259058454
wavelet-LLL	glcm	Correlation	0.728465131
wavelet-LLL	glcm	Autocorrelation	8787.645042
wavelet-LLL	glcm	SumEntropy	6.548537394
wavelet-LLL	glcm	SumSquares	708.5255622
wavelet-LLL	glcm	ClusterProminence	23089602.64
wavelet-LLL	glcm	Imc2	0.958593807
wavelet-LLL	glcm	Imc1	-0.229835138
wavelet-LLL	glcm	DifferenceAverage	11.59461568
wavelet-LLL	glcm	Id	0.315418282
wavelet-LLL	glcm	ClusterTendency	2454.252059
wavelet-LLL	firstorder	InterquartileRange	926.6227731
wavelet-LLL	firstorder	Skewness	-1.198671782
wavelet-LLL	firstorder	Uniformity	0.036122355
wavelet-LLL	firstorder	Median	55.19957022
wavelet-LLL	firstorder	Energy	5092796489
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	433.2165631
wavelet-LLL	firstorder	MeanAbsoluteDeviation	607.9799138
wavelet-LLL	firstorder	TotalEnergy	1.37506E+11
wavelet-LLL	firstorder	Maximum	932.2823549
wavelet-LLL	firstorder	RootMeanSquared	813.3719806
wavelet-LLL	firstorder	90Percentile	202.4727266
wavelet-LLL	firstorder	Minimum	-2502.326196
wavelet-LLL	firstorder	Entropy	5.825538983

wavelet-LLL	firstorder	Range	3434.608551
wavelet-LLL	firstorder	Variance	535521.9412
wavelet-LLL	firstorder	10Percentile	-1649.322756
wavelet-LLL	firstorder	Kurtosis	3.096177528
wavelet-LLL	firstorder	Mean	-355.0380791
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.000873499
wavelet-LLL	glrlm	GrayLevelVariance	903.894497
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.000882642
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.028640873
wavelet-LLL	glrlm	RunVariance	0.198474889
wavelet-LLL	glrlm	GrayLevelNonUniformity	196.0586716
wavelet-LLL	glrlm	LongRunEmphasis	1.466986864
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	7300.671465
wavelet-LLL	glrlm	RunLengthNonUniformity	5658.721656
wavelet-LLL	glrlm	ShortRunEmphasis	0.926069331
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	13408.25886
wavelet-LLL	glrlm	RunPercentage	0.888552471
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.000934359
wavelet-LLL	glrlm	RunEntropy	6.479122234
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	8127.813966
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.826767757
wavelet-LLL	glszm	GrayLevelVariance	959.8638898
wavelet-LLL	glszm	ZoneVariance	306.8301014
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.010219994
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.688717358
wavelet-LLL	glszm	SizeZoneNonUniformity	2491.090683
wavelet-LLL	glszm	GrayLevelNonUniformity	36.96571745
wavelet-LLL	glszm	LargeAreaEmphasis	311.3596904
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4687.322115
wavelet-LLL	glszm	ZonePercentage	0.469862302
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.028512291
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3612624.744
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5847.485762
wavelet-LLL	glszm	SmallAreaEmphasis	0.854454286
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001510106
wavelet-LLL	glszm	ZoneEntropy	7.576194044
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001441528
wavelet-LLL	ngtdm	Coarseness	0.001143795
wavelet-LLL	ngtdm	Complexity	53471.03235
wavelet-LLL	ngtdm	Strength	13.52323087
wavelet-LLL	ngtdm	Contrast	0.673993961
wavelet-LLL	ngtdm	Busyness	0.050016156
wavelet-HHL	gldm	GrayLevelVariance	9.237051919
wavelet-HHL	gldm	HighGrayLevelEmphasis	314.5375422
wavelet-HHL	gldm	DependenceEntropy	6.42597965
wavelet-HHL	gldm	DependenceNonUniformity	678.4466095
wavelet-HHL	gldm	GrayLevelNonUniformity	1187.524032
wavelet-HHL	gldm	SmallDependenceEmphasis	0.206367339
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	69.71132167
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.088132841
wavelet-HHL	gldm	LargeDependenceEmphasis	60.47778644
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.201664377
wavelet-HHL	gldm	DependenceVariance	21.9662333
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	18391.21044
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001180959
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.003942635
wavelet-HHL	glcm	JointAverage	17.50930741
wavelet-HHL	glcm	SumAverage	35.01861482

wavelet-HHL	glcm	JointEntropy	6.288660596
wavelet-HHL	glcm	ClusterShade	14.14496389
wavelet-HHL	glcm	MaximumProbability	0.110168397
wavelet-HHL	glcm	Idmn	0.989107757
wavelet-HHL	glcm	JointEnergy	0.04191324
wavelet-HHL	glcm	Contrast	17.12233671
wavelet-HHL	glcm	DifferenceEntropy	2.988811741
wavelet-HHL	glcm	InverseVariance	0.361857165
wavelet-HHL	glcm	DifferenceVariance	10.36558798
wavelet-HHL	glcm	Idn	0.941575336
wavelet-HHL	glcm	Idm	0.425315859
wavelet-HHL	glcm	Correlation	-0.00720017
wavelet-HHL	glcm	Autocorrelation	306.5424158
wavelet-HHL	glcm	SumEntropy	3.773536717
wavelet-HHL	glcm	SumSquares	8.527551467
wavelet-HHL	glcm	ClusterProminence	2329.537105
wavelet-HHL	glcm	Imc2	0.602808725
wavelet-HHL	glcm	Imc1	-0.071946328
wavelet-HHL	glcm	DifferenceAverage	2.579131605
wavelet-HHL	glcm	Id	0.482496007
wavelet-HHL	glcm	ClusterTendency	16.98786916
wavelet-HHL	firstorder	InterquartileRange	48.18324309
wavelet-HHL	firstorder	Skewness	0.188081499
wavelet-HHL	firstorder	Uniformity	0.154263969
wavelet-HHL	firstorder	Median	-2.022260204
wavelet-HHL	firstorder	Energy	44170424.12
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	23.88684979
wavelet-HHL	firstorder	MeanAbsoluteDeviation	48.13631839
wavelet-HHL	firstorder	TotalEnergy	1192601451
wavelet-HHL	firstorder	Maximum	504.240628
wavelet-HHL	firstorder	RootMeanSquared	75.74898734
wavelet-HHL	firstorder	90Percentile	82.64113885
wavelet-HHL	firstorder	Minimum	-420.8987613
wavelet-HHL	firstorder	Entropy	3.350837817
wavelet-HHL	firstorder	Range	925.1393894
wavelet-HHL	firstorder	Variance	5737.459036
wavelet-HHL	firstorder	10Percentile	-77.03300132
wavelet-HHL	firstorder	Kurtosis	7.298715255
wavelet-HHL	firstorder	Mean	-0.670855608
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003626798
wavelet-HHL	glrlm	GrayLevelVariance	11.17410242
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.004090437
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.122841207
wavelet-HHL	glrlm	RunVariance	0.448000781
wavelet-HHL	glrlm	GrayLevelNonUniformity	757.1164709
wavelet-HHL	glrlm	LongRunEmphasis	2.019301671
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	274.9325098
wavelet-HHL	glrlm	RunLengthNonUniformity	4324.382653
wavelet-HHL	glrlm	ShortRunEmphasis	0.862491904
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	627.3083681
wavelet-HHL	glrlm	RunPercentage	0.799778164
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.007501997
wavelet-HHL	glrlm	RunEntropy	4.364405853
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	316.9531237
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.701297918
wavelet-HHL	glszm	GrayLevelVariance	28.28993078
wavelet-HHL	glszm	ZoneVariance	3965.463926
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.056340963

wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.446599348
wavelet-HHL	glszm	SizeZoneNonUniformity	759.6654909
wavelet-HHL	glszm	GrayLevelNonUniformity	95.83597884
wavelet-HHL	glszm	LargeAreaEmphasis	3985.944738
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	240.0145117
wavelet-HHL	glszm	ZonePercentage	0.220966485
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	13.18547759
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1209673.412
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	339.7989418
wavelet-HHL	glszm	SmallAreaEmphasis	0.694995664
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.005678029
wavelet-HHL	glszm	ZoneEntropy	6.112004795
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004457541
wavelet-HHL	ngtdm	Coarseness	1.01E-03
wavelet-HHL	ngtdm	Complexity	1072.507267
wavelet-HHL	ngtdm	Strength	0.517478955
wavelet-HHL	ngtdm	Contrast	0.031311057
wavelet-HHL	ngtdm	Busyness	1.038805684
wavelet-HLH	gldm	GrayLevelVariance	9.111229996
wavelet-HLH	gldm	HighGrayLevelEmphasis	821.0354638
wavelet-HLH	gldm	DependenceEntropy	6.425225075
wavelet-HLH	gldm	DependenceNonUniformity	644.0771629
wavelet-HLH	gldm	GrayLevelNonUniformity	1252.191478
wavelet-HLH	gldm	SmallDependenceEmphasis	0.194160827
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	164.8910034
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.083668117
wavelet-HLH	gldm	LargeDependenceEmphasis	63.87529228
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.079446268
wavelet-HLH	gldm	DependenceVariance	22.57404929
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	51676.13445
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000421535
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.001434233
wavelet-HLH	glcm	JointAverage	28.50004271
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wavelet-HLH	glcm	JointEntropy	6.139089189
wavelet-HLH	glcm	ClusterShade	-16.34805084
wavelet-HLH	glcm	MaximumProbability	0.115042708
wavelet-HLH	glcm	Idmn	0.993502468
wavelet-HLH	glcm	JointEnergy	0.045822393
wavelet-HLH	glcm	Contrast	16.72564527
wavelet-HLH	glcm	DifferenceEntropy	2.92675635
wavelet-HLH	glcm	InverseVariance	0.370799361
wavelet-HLH	glcm	DifferenceVariance	10.55241915
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wavelet-HLH	glcm	Correlation	-0.005577866
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wavelet-HLH	glcm	SumSquares	8.322387853
wavelet-HLH	glcm	ClusterProminence	3297.348831
wavelet-HLH	glcm	Imc2	0.608249674
wavelet-HLH	glcm	Imc1	-0.074914214
wavelet-HLH	glcm	DifferenceAverage	2.464499575
wavelet-HLH	glcm	Id	0.494298601
wavelet-HLH	glcm	ClusterTendency	16.56390615
wavelet-HLH	firstorder	InterquartileRange	45.0155171
wavelet-HLH	firstorder	Skewness	-0.175493747
wavelet-HLH	firstorder	Uniformity	0.16266452

wavelet-HLH	firstorder	Median	-1.106514976
wavelet-HLH	firstorder	Energy	43383150.4
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	22.34278694
wavelet-HLH	firstorder	MeanAbsoluteDeviation	46.04841644
wavelet-HLH	firstorder	TotalEnergy	1171345061
wavelet-HLH	firstorder	Maximum	505.9433053
wavelet-HLH	firstorder	RootMeanSquared	75.07089435
wavelet-HLH	firstorder	90Percentile	77.55300376
wavelet-HLH	firstorder	Minimum	-676.9170504
wavelet-HLH	firstorder	Entropy	3.288085905
wavelet-HLH	firstorder	Range	1182.860356
wavelet-HLH	firstorder	Variance	5635.61734
wavelet-HLH	firstorder	10Percentile	-72.5980977
wavelet-HLH	firstorder	Kurtosis	10.65224677
wavelet-HLH	firstorder	Mean	-0.147781896
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001308168
wavelet-HLH	glrlm	GrayLevelVariance	11.136938
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.001484816
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.129038859
wavelet-HLH	glrlm	RunVariance	0.48138494
wavelet-HLH	glrlm	GrayLevelNonUniformity	786.7248177
wavelet-HLH	glrlm	LongRunEmphasis	2.085856794
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	708.8213729
wavelet-HLH	glrlm	RunLengthNonUniformity	4231.038871
wavelet-HLH	glrlm	ShortRunEmphasis	0.858130723
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	1702.879035
wavelet-HLH	glrlm	RunPercentage	0.79128445
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.002834657
wavelet-HLH	glrlm	RunEntropy	4.342351448
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	823.9011223
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.693607203
wavelet-HLH	glszm	GrayLevelVariance	30.25983603
wavelet-HLH	glszm	ZoneVariance	4818.299745
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058117805
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.442877369
wavelet-HLH	glszm	SizeZoneNonUniformity	700.1891208
wavelet-HLH	glszm	GrayLevelNonUniformity	91.88425047
wavelet-HLH	glszm	LargeAreaEmphasis	4842.00759
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	595.0297248
wavelet-HLH	glszm	ZonePercentage	0.20537802
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	5.987720018
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	3921503.258
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	850.6963947
wavelet-HLH	glszm	SmallAreaEmphasis	0.692150103
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.002133731
wavelet-HLH	glszm	ZoneEntropy	6.142867706
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.001727297
wavelet-HLH	ngtdm	Coarseness	1.01E-03
wavelet-HLH	ngtdm	Complexity	1630.963115
wavelet-HLH	ngtdm	Strength	1.031134647
wavelet-HLH	ngtdm	Contrast	0.020610683
wavelet-HLH	ngtdm	Busyness	0.50180798

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	445
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original	shape	MinorAxis	30.04289044
original	shape	Elongation	0.834303214
original	shape	SurfaceVolumeRatio	0.285007388
original	shape	Volume	12015
original	shape	MajorAxis	36.00955856
original	shape	SurfaceArea	3424.363764
original	shape	Flatness	0.501833748
original	shape	LeastAxis	18.07081175
original	shape	Maximum2DDiameterColumn	34.20526275
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original	gldm	GrayLevelVariance	179.4656432
original	gldm	HighGrayLevelEmphasis	498.1483146
original	gldm	DependenceEntropy	6.575614146
original	gldm	DependenceNonUniformity	130.105618
original	gldm	GrayLevelNonUniformity	16.86966292
original	gldm	SmallDependenceEmphasis	0.506474995
original	gldm	SmallDependenceHighGrayLevelEmphasis	265.829494
original	gldm	DependenceNonUniformityNormalized	0.292372175
original	gldm	LargeDependenceEmphasis	7.269662921
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.250116752
original	gldm	DependenceVariance	2.469132685
original	gldm	LargeDependenceHighGrayLevelEmphasis	2769.680899
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012745564
original	gldm	LowGrayLevelEmphasis	0.028733258
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original	glcm	JointEntropy	8.519128367
original	glcm	ClusterShade	5032.305256
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original	glcm	Contrast	216.152062
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original	glcm	Idn	0.830031887
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original	glcm	ClusterTendency	542.4314075
original	firstorder	InterquartileRange	561
original	firstorder	Skewness	0.637468678
original	firstorder	Uniformity	0.037909355
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original	firstorder	90Percentile	-4.4
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original	firstorder	Entropy	5.04680003
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original	glrlm	GrayLevelVariance	177.8544386
original	glrlm	LowGrayLevelRunEmphasis	0.028506659
original	glrlm	GrayLevelNonUniformityNormalized	0.036773559
original	glrlm	RunVariance	0.051870064
original	glrlm	GrayLevelNonUniformity	15.61609201
original	glrlm	LongRunEmphasis	1.151088132
original	glrlm	ShortRunHighGrayLevelEmphasis	487.0431997
original	glrlm	RunLengthNonUniformity	388.2654641
original	glrlm	ShortRunEmphasis	0.965679274
original	glrlm	LongRunHighGrayLevelEmphasis	564.6098787
original	glrlm	RunPercentage	0.954191876
original	glrlm	LongRunLowGrayLevelEmphasis	0.033554135
original	glrlm	RunEntropy	5.280426595
original	glrlm	HighGrayLevelRunEmphasis	501.8251518
original	glrlm	RunLengthNonUniformityNormalized	0.913925612

original	glszm	GrayLevelVariance	160.0313082
original	glszm	ZoneVariance	3.214966048
original	glszm	GrayLevelNonUniformityNormalized	0.028453819
original	glszm	SizeZoneNonUniformityNormalized	0.521453038
original	glszm	SizeZoneNonUniformity	134.5348837
original	glszm	GrayLevelNonUniformity	7.341085271
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original	glszm	HighGrayLevelZoneEmphasis	531.1162791
original	glszm	SmallAreaEmphasis	0.74989895
original	glszm	LowGrayLevelZoneEmphasis	0.026075602
original	glszm	ZoneEntropy	6.227957831
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017748835
original	ngtdm	Coarseness	0.008780493
original	ngtdm	Complexity	6370.407487
original	ngtdm	Strength	9.841278052
original	ngtdm	Contrast	1.381200137
original	ngtdm	Busyness	0.178666461
wavelet-HHH	gldm	GrayLevelVariance	16.77538695
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wavelet-HHH	gldm	DependenceEntropy	5.85617478
wavelet-HHH	gldm	DependenceNonUniformity	103.8719101
wavelet-HHH	gldm	GrayLevelNonUniformity	35.3505618
wavelet-HHH	gldm	SmallDependenceEmphasis	0.419297871
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	123.1720134
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.233420023
wavelet-HHH	gldm	LargeDependenceEmphasis	7.907865169
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.034440631
wavelet-HHH	gldm	DependenceVariance	1.96303497
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2174.579775
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004736808
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007001386
wavelet-HHH	glcm	JointAverage	16.5081808
wavelet-HHH	glcm	SumAverage	33.0163616
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wavelet-HHH	glcm	ClusterShade	7.184006502
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wavelet-HHH	glcm	JointEnergy	0.007938502
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wavelet-HHH	glcm	InverseVariance	0.227362304
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wavelet-HHH	glcm	Correlation	-0.039411484
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wavelet-HHH	glcm	SumSquares	17.48804903
wavelet-HHH	glcm	ClusterProminence	4490.653928
wavelet-HHH	glcm	Imc2	0.839229836
wavelet-HHH	glcm	Imc1	-0.151503436

wavelet-HHH	glcm	DifferenceAverage	4.558419335
wavelet-HHH	glcm	Id	0.302274753
wavelet-HHH	glcm	ClusterTendency	33.58190375
wavelet-HHH	firstorder	InterquartileRange	109.1906251
wavelet-HHH	firstorder	Skewness	0.037360773
wavelet-HHH	firstorder	Uniformity	0.079439465
wavelet-HHH	firstorder	Median	-2.62725605
wavelet-HHH	firstorder	Energy	4597948.802
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	48.38712642
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wavelet-HHH	firstorder	Maximum	341.8628868
wavelet-HHH	firstorder	RootMeanSquared	101.6487541
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wavelet-HHH	firstorder	Entropy	3.993611385
wavelet-HHH	firstorder	Range	740.2368907
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wavelet-HHH	firstorder	Kurtosis	3.928967658
wavelet-HHH	firstorder	Mean	0.953408744
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007019594
wavelet-HHH	glrlm	GrayLevelVariance	17.40256795
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00718136
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.077162376
wavelet-HHH	glrlm	RunVariance	0.066139839
wavelet-HHH	glrlm	GrayLevelNonUniformity	32.44233288
wavelet-HHH	glrlm	LongRunEmphasis	1.187785171
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.007922768
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wavelet-HHH	glszm	LargeAreaEmphasis	14.17703349
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	212.705163
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3913.023923
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wavelet-HHH	ngtdm	Coarseness	0.014847354
wavelet-HHH	ngtdm	Complexity	849.5562278

wavelet-HHH	ngtdm	Strength	2.851985599
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wavelet-HLL	gldm	HighGrayLevelEmphasis	1342.489888
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	848.2240462
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wavelet-HLL	gldm	LargeDependenceEmphasis	3.77752809
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006223982
wavelet-HLL	gldm	DependenceVariance	0.898977402
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5089.438202
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00322849
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.003604343
wavelet-HLL	glcm	JointAverage	34.62037852
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wavelet-HLL	glcm	ClusterShade	-2241.367804
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wavelet-HLL	glcm	Idmn	0.956998728
wavelet-HLL	glcm	JointEnergy	0.002727529
wavelet-HLL	glcm	Contrast	164.8054463
wavelet-HLL	glcm	DifferenceEntropy	4.580393757
wavelet-HLL	glcm	InverseVariance	0.115714754
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wavelet-HLL	glcm	Correlation	0.245170186
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wavelet-HLL	glcm	SumEntropy	5.811968548
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wavelet-HLL	glcm	ClusterProminence	220494.9899
wavelet-HLL	glcm	Imc2	0.98511789
wavelet-HLL	glcm	Imc1	-0.336318671
wavelet-HLL	glcm	DifferenceAverage	9.68533314
wavelet-HLL	glcm	Id	0.19168239
wavelet-HLL	glcm	ClusterTendency	271.1398443
wavelet-HLL	firstorder	InterquartileRange	340.8335165
wavelet-HLL	firstorder	Skewness	-0.57854514
wavelet-HLL	firstorder	Uniformity	0.032091908
wavelet-HLL	firstorder	Median	15.55491316
wavelet-HLL	firstorder	Energy	29018305.09
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	141.2095162
wavelet-HLL	firstorder	MeanAbsoluteDeviation	203.3518564
wavelet-HLL	firstorder	TotalEnergy	783494237.5
wavelet-HLL	firstorder	Maximum	516.204376
wavelet-HLL	firstorder	RootMeanSquared	255.3618499
wavelet-HLL	firstorder	90Percentile	249.0811438
wavelet-HLL	firstorder	Minimum	-898.6488146
wavelet-HLL	firstorder	Entropy	5.231746305
wavelet-HLL	firstorder	Range	1414.853191
wavelet-HLL	firstorder	Variance	64197.42984

wavelet-HLL	firstorder	10Percentile	-401.2369377
wavelet-HLL	firstorder	Kurtosis	3.056377134
wavelet-HLL	firstorder	Mean	-31.8157906
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003657434
wavelet-HLL	glrlm	GrayLevelVariance	104.2110945
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.003677064
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.031848222
wavelet-HLL	glrlm	RunVariance	0.028575152
wavelet-HLL	glrlm	GrayLevelNonUniformity	13.79261358
wavelet-HLL	glrlm	LongRunEmphasis	1.084735246
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1314.82586
wavelet-HLL	glrlm	RunLengthNonUniformity	410.6539739
wavelet-HLL	glrlm	ShortRunEmphasis	0.979823238
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1456.598633
wavelet-HLL	glrlm	RunPercentage	0.973206569
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.003759582
wavelet-HLL	glrlm	RunEntropy	5.363921542
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1342.199919
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.948051145
wavelet-HLL	glszm	GrayLevelVariance	117.3260195
wavelet-HLL	glszm	ZoneVariance	0.937780404
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.028881589
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.616227367
wavelet-HLL	glszm	SizeZoneNonUniformity	194.7278481
wavelet-HLL	glszm	GrayLevelNonUniformity	9.126582278
wavelet-HLL	glszm	LargeAreaEmphasis	2.920886076
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1086.587569
wavelet-HLL	glszm	ZonePercentage	0.71011236
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006465167
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3949.949367
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1336.794304
wavelet-HLL	glszm	SmallAreaEmphasis	0.812398856
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004669007
wavelet-HLL	glszm	ZoneEntropy	6.161564271
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004462968
wavelet-HLL	ngtdm	Coarseness	0.014857714
wavelet-HLL	ngtdm	Complexity	6840.006059
wavelet-HLL	ngtdm	Strength	13.77056479
wavelet-HLL	ngtdm	Contrast	0.469848245
wavelet-HLL	ngtdm	Busyness	0.034134579
wavelet-LHL	gldm	GrayLevelVariance	137.1975559
wavelet-LHL	gldm	HighGrayLevelEmphasis	2332.067416
wavelet-LHL	gldm	DependenceEntropy	6.588277018
wavelet-LHL	gldm	DependenceNonUniformity	172.6179775
wavelet-LHL	gldm	GrayLevelNonUniformity	14.6988764
wavelet-LHL	gldm	SmallDependenceEmphasis	0.628966254
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1451.144833
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.387905567
wavelet-LHL	gldm	LargeDependenceEmphasis	4.195505618
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004322467
wavelet-LHL	gldm	DependenceVariance	1.146754198
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	10099.70337
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002720638
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002899041
wavelet-LHL	glcm	JointAverage	46.65792807

wavelet-LHL	glcm	SumAverage	93.31585614
wavelet-LHL	glcm	JointEntropy	8.773653235
wavelet-LHL	glcm	ClusterShade	-4290.802302
wavelet-LHL	glcm	MaximumProbability	0.010119346
wavelet-LHL	glcm	Idmn	0.963819095
wavelet-LHL	glcm	JointEnergy	0.002691244
wavelet-LHL	glcm	Contrast	245.4068371
wavelet-LHL	glcm	DifferenceEntropy	4.800301529
wavelet-LHL	glcm	InverseVariance	0.113284107
wavelet-LHL	glcm	DifferenceVariance	111.5484261
wavelet-LHL	glcm	Idn	0.882359129
wavelet-LHL	glcm	Idm	0.110346584
wavelet-LHL	glcm	Correlation	0.183706157
wavelet-LHL	glcm	Autocorrelation	2205.115816
wavelet-LHL	glcm	SumEntropy	5.931672847
wavelet-LHL	glcm	SumSquares	150.8135401
wavelet-LHL	glcm	ClusterProminence	507485.557
wavelet-LHL	glcm	Imc2	0.991815419
wavelet-LHL	glcm	Imc1	-0.381252653
wavelet-LHL	glcm	DifferenceAverage	11.28872716
wavelet-LHL	glcm	Id	0.18884282
wavelet-LHL	glcm	ClusterTendency	357.8473233
wavelet-LHL	firstorder	InterquartileRange	294.1621331
wavelet-LHL	firstorder	Skewness	-0.580415765
wavelet-LHL	firstorder	Uniformity	0.033031183
wavelet-LHL	firstorder	Median	-4.606720433
wavelet-LHL	firstorder	Energy	38821394.64
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	128.4395777
wavelet-LHL	firstorder	MeanAbsoluteDeviation	214.6142021
wavelet-LHL	firstorder	TotalEnergy	1048177655
wavelet-LHL	firstorder	Maximum	683.8044161
wavelet-LHL	firstorder	RootMeanSquared	295.3626399
wavelet-LHL	firstorder	90Percentile	299.0458942
wavelet-LHL	firstorder	Minimum	-1181.288791
wavelet-LHL	firstorder	Entropy	5.356970511
wavelet-LHL	firstorder	Range	1865.093207
wavelet-LHL	firstorder	Variance	85570.75752
wavelet-LHL	firstorder	10Percentile	-427.0390779
wavelet-LHL	firstorder	Kurtosis	4.017226492
wavelet-LHL	firstorder	Mean	-40.84521457
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002961583
wavelet-LHL	glrlm	GrayLevelVariance	139.8585586
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002971583
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.032276755
wavelet-LHL	glrlm	RunVariance	0.030459364
wavelet-LHL	glrlm	GrayLevelNonUniformity	13.9516246
wavelet-LHL	glrlm	LongRunEmphasis	1.090977532
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	2277.152844
wavelet-LHL	glrlm	RunLengthNonUniformity	408.2739958
wavelet-LHL	glrlm	ShortRunEmphasis	0.978261552
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2549.634454
wavelet-LHL	glrlm	RunPercentage	0.971305099
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.003013165
wavelet-LHL	glrlm	RunEntropy	5.514950699
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2329.581534

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.944271262
wavelet-LHL	glszm	GrayLevelVariance	172.2171912
wavelet-LHL	glszm	ZoneVariance	1.349304372
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.025405996
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.619981831
wavelet-LHL	glszm	SizeZoneNonUniformity	194.0543131
wavelet-LHL	glszm	GrayLevelNonUniformity	7.952076677
wavelet-LHL	glszm	LargeAreaEmphasis	3.370607029
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1876.379335
wavelet-LHL	glszm	ZonePercentage	0.703370787
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.004971277
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	8093.214058
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2304.709265
wavelet-LHL	glszm	SmallAreaEmphasis	0.815025339
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.003923193
wavelet-LHL	glszm	ZoneEntropy	6.376114853
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003829103
wavelet-LHL	ngtdm	Coarseness	0.014137543
wavelet-LHL	ngtdm	Complexity	12093.83842
wavelet-LHL	ngtdm	Strength	20.15833999
wavelet-LHL	ngtdm	Contrast	0.51684565
wavelet-LHL	ngtdm	Busyness	0.021213821
wavelet-LHH	gldm	GrayLevelVariance	34.56631233
wavelet-LHH	gldm	HighGrayLevelEmphasis	494.5483146
wavelet-LHH	gldm	DependenceEntropy	6.063954523
wavelet-LHH	gldm	DependenceNonUniformity	127.7370787
wavelet-LHH	gldm	GrayLevelNonUniformity	25.59775281
wavelet-LHH	gldm	SmallDependenceEmphasis	0.503803957
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	261.2907147
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.287049615
wavelet-LHH	gldm	LargeDependenceEmphasis	5.898876404
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017355769
wavelet-LHH	gldm	DependenceVariance	1.484156041
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2739.878652
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004374152
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005610097
wavelet-LHH	glcm	JointAverage	21.47621428
wavelet-LHH	glcm	SumAverage	42.95242856
wavelet-LHH	glcm	JointEntropy	7.98278869
wavelet-LHH	glcm	ClusterShade	73.26170214
wavelet-LHH	glcm	MaximumProbability	0.017275035
wavelet-LHH	glcm	Idmn	0.96989212
wavelet-LHH	glcm	JointEnergy	0.005136904
wavelet-LHH	glcm	Contrast	68.99278837
wavelet-LHH	glcm	DifferenceEntropy	4.02225299
wavelet-LHH	glcm	InverseVariance	0.172791492
wavelet-LHH	glcm	DifferenceVariance	29.59179591
wavelet-LHH	glcm	Idn	0.88792826
wavelet-LHH	glcm	Idm	0.165487446
wavelet-LHH	glcm	Correlation	-0.034563086
wavelet-LHH	glcm	Autocorrelation	460.0617731
wavelet-LHH	glcm	SumEntropy	4.874679562
wavelet-LHH	glcm	SumSquares	33.32620405
wavelet-LHH	glcm	ClusterProminence	17647.42119
wavelet-LHH	glcm	Imc2	0.914415121

wavelet-LHH	glcm	Imc1	-0.204268405
wavelet-LHH	glcm	DifferenceAverage	6.202710119
wavelet-LHH	glcm	Id	0.255399065
wavelet-LHH	glcm	ClusterTendency	64.31202783
wavelet-LHH	firstorder	InterquartileRange	159.9308654
wavelet-LHH	firstorder	Skewness	0.226171186
wavelet-LHH	firstorder	Uniformity	0.05752304
wavelet-LHH	firstorder	Median	-8.790470334
wavelet-LHH	firstorder	Energy	9585139.435
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	67.76576773
wavelet-LHH	firstorder	MeanAbsoluteDeviation	108.4854119
wavelet-LHH	firstorder	TotalEnergy	258798764.7
wavelet-LHH	firstorder	Maximum	594.5229214
wavelet-LHH	firstorder	RootMeanSquared	146.7638892
wavelet-LHH	firstorder	90Percentile	187.8952285
wavelet-LHH	firstorder	Minimum	-502.0820134
wavelet-LHH	firstorder	Entropy	4.463513729
wavelet-LHH	firstorder	Range	1096.604935
wavelet-LHH	firstorder	Variance	21538.7605
wavelet-LHH	firstorder	10Percentile	-176.8414271
wavelet-LHH	firstorder	Kurtosis	4.29183987
wavelet-LHH	firstorder	Mean	-0.937380474
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.005673445
wavelet-LHH	glrlm	GrayLevelVariance	35.6139315
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.005751708
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.056044659
wavelet-LHH	glrlm	RunVariance	0.046234044
wavelet-LHH	glrlm	GrayLevelNonUniformity	23.8873039
wavelet-LHH	glrlm	LongRunEmphasis	1.137356529
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	481.0200897
wavelet-LHH	glrlm	RunLengthNonUniformity	391.6419323
wavelet-LHH	glrlm	ShortRunEmphasis	0.967790248
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	559.6045143
wavelet-LHH	glrlm	RunPercentage	0.957649092
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.006084034
wavelet-LHH	glrlm	RunEntropy	4.699835908
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	495.9366453
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.918633286
wavelet-LHH	glszm	GrayLevelVariance	51.13970178
wavelet-LHH	glszm	ZoneVariance	3.147141794
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.042842086
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.529326059
wavelet-LHH	glszm	SizeZoneNonUniformity	134.4488189
wavelet-LHH	glszm	GrayLevelNonUniformity	10.88188976
wavelet-LHH	glszm	LargeAreaEmphasis	6.216535433
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	396.9299039
wavelet-LHH	glszm	ZonePercentage	0.570786517
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.020219944
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2939.724409
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	513.7283465
wavelet-LHH	glszm	SmallAreaEmphasis	0.754905549
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007991644
wavelet-LHH	glszm	ZoneEntropy	5.845507569
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007343752
wavelet-LHH	ngtdm	Coarseness	0.014061709



wavelet-LHH	ngtdm	Complexity	2500.661685
wavelet-LHH	ngtdm	Strength	5.798858562
wavelet-LHH	ngtdm	Contrast	0.240070447
wavelet-LHH	ngtdm	Busyness	0.080730986
wavelet-LLH	gldm	GrayLevelVariance	85.61307916
wavelet-LLH	gldm	HighGrayLevelEmphasis	1069.739326
wavelet-LLH	gldm	DependenceEntropy	6.449946311
wavelet-LLH	gldm	DependenceNonUniformity	164.6134831
wavelet-LLH	gldm	GrayLevelNonUniformity	15.65168539
wavelet-LLH	gldm	SmallDependenceEmphasis	0.613479363
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	674.10168
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.36991794
wavelet-LLH	gldm	LargeDependenceEmphasis	4.53258427
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.010145417
wavelet-LLH	gldm	DependenceVariance	1.260143921
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4761.788764
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005655044
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006159712
wavelet-LLH	glcm	JointAverage	30.86348163
wavelet-LLH	glcm	SumAverage	61.72696326
wavelet-LLH	glcm	JointEntropy	8.642022552
wavelet-LLH	glcm	ClusterShade	-619.8186339
wavelet-LLH	glcm	MaximumProbability	0.011194389
wavelet-LLH	glcm	Idmn	0.962811943
wavelet-LLH	glcm	JointEnergy	0.003009795
wavelet-LLH	glcm	Contrast	158.4694824
wavelet-LLH	glcm	DifferenceEntropy	4.554132753
wavelet-LLH	glcm	InverseVariance	0.124586438
wavelet-LLH	glcm	DifferenceVariance	63.95181323
wavelet-LLH	glcm	Idn	0.875907007
wavelet-LLH	glcm	Idm	0.119731956
wavelet-LLH	glcm	Correlation	0.095163857
wavelet-LLH	glcm	Autocorrelation	960.6694381
wavelet-LLH	glcm	SumEntropy	5.571131696
wavelet-LLH	glcm	SumSquares	87.32773955
wavelet-LLH	glcm	ClusterProminence	126253.433
wavelet-LLH	glcm	Imc2	0.978619883
wavelet-LLH	glcm	Imc1	-0.310736212
wavelet-LLH	glcm	DifferenceAverage	9.500397821
wavelet-LLH	glcm	Id	0.200424849
wavelet-LLH	glcm	ClusterTendency	190.8414759
wavelet-LLH	firstorder	InterquartileRange	280.191342
wavelet-LLH	firstorder	Skewness	-0.36051136
wavelet-LLH	firstorder	Uniformity	0.035172327
wavelet-LLH	firstorder	Median	-1.402350075
wavelet-LLH	firstorder	Energy	24111720.28
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	118.7304502
wavelet-LLH	firstorder	MeanAbsoluteDeviation	178.7219684
wavelet-LLH	firstorder	TotalEnergy	651016447.6
wavelet-LLH	firstorder	Maximum	704.3705005
wavelet-LLH	firstorder	RootMeanSquared	232.7737981
wavelet-LLH	firstorder	90Percentile	237.3721798
wavelet-LLH	firstorder	Minimum	-799.2603775
wavelet-LLH	firstorder	Entropy	5.107689789
wavelet-LLH	firstorder	Range	1503.630878

wavelet-LLH	firstorder	Variance	53357.27554
wavelet-LLH	firstorder	10Percentile	-339.2949022
wavelet-LLH	firstorder	Kurtosis	3.476623446
wavelet-LLH	firstorder	Mean	-28.74657445
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006291644
wavelet-LLH	glrlm	GrayLevelVariance	87.27105682
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00632022
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.034500345
wavelet-LLH	glrlm	RunVariance	0.032517061
wavelet-LLH	glrlm	GrayLevelNonUniformity	14.87657156
wavelet-LLH	glrlm	LongRunEmphasis	1.098439614
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1046.117487
wavelet-LLH	glrlm	RunLengthNonUniformity	405.0610514
wavelet-LLH	glrlm	ShortRunEmphasis	0.976200471
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1173.166839
wavelet-LLH	glrlm	RunPercentage	0.968885048
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.006437336
wavelet-LLH	glrlm	RunEntropy	5.272494191
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1070.760475
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.939116496
wavelet-LLH	glszm	GrayLevelVariance	104.79534
wavelet-LLH	glszm	ZoneVariance	1.309340152
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030334539
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.608462689
wavelet-LLH	glszm	SizeZoneNonUniformity	186.7980456
wavelet-LLH	glszm	GrayLevelNonUniformity	9.312703583
wavelet-LLH	glszm	LargeAreaEmphasis	3.410423453
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	895.2908317
wavelet-LLH	glszm	ZonePercentage	0.68988764
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.011132634
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3599.237785
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1089.364821
wavelet-LLH	glszm	SmallAreaEmphasis	0.807614811
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.008356941
wavelet-LLH	glszm	ZoneEntropy	6.126775969
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008082896
wavelet-LLH	ngtdm	Coarseness	0.013667536
wavelet-LLH	ngtdm	Complexity	6309.603443
wavelet-LLH	ngtdm	Strength	10.4623425
wavelet-LLH	ngtdm	Contrast	0.488523956
wavelet-LLH	ngtdm	Busyness	0.046342973
wavelet-LLL	gldm	GrayLevelVariance	901.018023
wavelet-LLL	gldm	HighGrayLevelEmphasis	3260.139326
wavelet-LLL	gldm	DependenceEntropy	7.14566863
wavelet-LLL	gldm	DependenceNonUniformity	236.5685393
wavelet-LLL	gldm	GrayLevelNonUniformity	5.808988764
wavelet-LLL	gldm	SmallDependenceEmphasis	0.755489388
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2623.5478
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.531614695
wavelet-LLL	gldm	LargeDependenceEmphasis	2.514606742
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008617791
wavelet-LLL	gldm	DependenceVariance	0.503946471
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	7013.658427
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003519814
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.004133572

wavelet-LLL	glcm	JointAverage	52.63694696
wavelet-LLL	glcm	SumAverage	105.2738939
wavelet-LLL	glcm	JointEntropy	9.17461596
wavelet-LLL	glcm	ClusterShade	42165.20313
wavelet-LLL	glcm	MaximumProbability	0.0057584
wavelet-LLL	glcm	Idmn	0.955733556
wavelet-LLL	glcm	JointEnergy	0.001813913
wavelet-LLL	glcm	Contrast	756.916648
wavelet-LLL	glcm	DifferenceEntropy	5.589879829
wavelet-LLL	glcm	InverseVariance	0.060358531
wavelet-LLL	glcm	DifferenceVariance	295.5283657
wavelet-LLL	glcm	Idn	0.864098382
wavelet-LLL	glcm	Idm	0.060370289
wavelet-LLL	glcm	Correlation	0.603027242
wavelet-LLL	glcm	Autocorrelation	3343.42185
wavelet-LLL	glcm	SumEntropy	7.092112852
wavelet-LLL	glcm	SumSquares	950.7229246
wavelet-LLL	glcm	ClusterProminence	17905099.77
wavelet-LLL	glcm	Imc2	0.999748881
wavelet-LLL	glcm	Imc1	-0.586438819
wavelet-LLL	glcm	DifferenceAverage	21.15396556
wavelet-LLL	glcm	Id	0.120472537
wavelet-LLL	glcm	ClusterTendency	3045.97505
wavelet-LLL	firstorder	InterquartileRange	1276.628228
wavelet-LLL	firstorder	Skewness	0.504871004
wavelet-LLL	firstorder	Uniformity	0.013053907
wavelet-LLL	firstorder	Median	-1765.063067
wavelet-LLL	firstorder	Energy	1422269609
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	504.8203993
wavelet-LLL	firstorder	MeanAbsoluteDeviation	642.4923946
wavelet-LLL	firstorder	TotalEnergy	38401279443
wavelet-LLL	firstorder	Maximum	223.1794571
wavelet-LLL	firstorder	RootMeanSquared	1787.767177
wavelet-LLL	firstorder	90Percentile	-498.9959735
wavelet-LLL	firstorder	Minimum	-2819.03277
wavelet-LLL	firstorder	Entropy	6.473104206
wavelet-LLL	firstorder	Range	3042.212227
wavelet-LLL	firstorder	Variance	563218.2164
wavelet-LLL	firstorder	10Percentile	-2483.940641
wavelet-LLL	firstorder	Kurtosis	2.104308572
wavelet-LLL	firstorder	Mean	-1622.61926
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.004123052
wavelet-LLL	glrlm	GrayLevelVariance	896.8393851
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.004156057
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.012952482
wavelet-LLL	glrlm	RunVariance	0.017492401
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.671300387
wavelet-LLL	glrlm	LongRunEmphasis	1.050663703
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3241.778283
wavelet-LLL	glrlm	RunLengthNonUniformity	424.4045924
wavelet-LLL	glrlm	ShortRunEmphasis	0.988125483
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3402.741718
wavelet-LLL	glrlm	RunPercentage	0.983923941
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.004295454
wavelet-LLL	glrlm	RunEntropy	6.537032477

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3271.679409
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.969174875
wavelet-LLL	glszm	GrayLevelVariance	848.3604861
wavelet-LLL	glszm	ZoneVariance	0.469251543
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011990741
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.741188272
wavelet-LLL	glszm	SizeZoneNonUniformity	266.8277778
wavelet-LLL	glszm	GrayLevelNonUniformity	4.316666667
wavelet-LLL	glszm	LargeAreaEmphasis	1.997222222
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3117.403085
wavelet-LLL	glszm	ZonePercentage	0.808988764
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007560346
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5596.933333
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3443.413889
wavelet-LLL	glszm	SmallAreaEmphasis	0.88258642
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004474617
wavelet-LLL	glszm	ZoneEntropy	6.945371956
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004220342
wavelet-LLL	ngtdm	Coarseness	0.015405958
wavelet-LLL	ngtdm	Complexity	56996.25418
wavelet-LLL	ngtdm	Strength	83.36597895
wavelet-LLL	ngtdm	Contrast	1.859204157
wavelet-LLL	ngtdm	Busyness	0.018490047
wavelet-HHL	gldm	GrayLevelVariance	37.68990784
wavelet-HHL	gldm	HighGrayLevelEmphasis	460.1078652
wavelet-HHL	gldm	DependenceEntropy	6.156346603
wavelet-HHL	gldm	DependenceNonUniformity	129.6831461
wavelet-HHL	gldm	GrayLevelNonUniformity	24.91011236
wavelet-HHL	gldm	SmallDependenceEmphasis	0.502431906
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	238.7048458
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.2914228
wavelet-HHL	gldm	LargeDependenceEmphasis	5.782022472
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018374409
wavelet-HHL	gldm	DependenceVariance	1.461229643
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2497.977528
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00460936
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.005932303
wavelet-HHL	glcm	JointAverage	20.54312602
wavelet-HHL	glcm	SumAverage	41.08625204
wavelet-HHL	glcm	JointEntropy	8.119041981
wavelet-HHL	glcm	ClusterShade	277.6225299
wavelet-HHL	glcm	MaximumProbability	0.015528586
wavelet-HHL	glcm	Idmn	0.96472048
wavelet-HHL	glcm	JointEnergy	0.004602553
wavelet-HHL	glcm	Contrast	82.5164271
wavelet-HHL	glcm	DifferenceEntropy	4.136164487
wavelet-HHL	glcm	InverseVariance	0.155214057
wavelet-HHL	glcm	DifferenceVariance	35.33157374
wavelet-HHL	glcm	Idn	0.879332573
wavelet-HHL	glcm	Idm	0.15405885
wavelet-HHL	glcm	Correlation	-0.017753966
wavelet-HHL	glcm	Autocorrelation	421.3542426
wavelet-HHL	glcm	SumEntropy	4.980673258
wavelet-HHL	glcm	SumSquares	40.58837089
wavelet-HHL	glcm	ClusterProminence	28284.57279

wavelet-HHL	glcm	Imc2	0.937840073
wavelet-HHL	glcm	Imc1	-0.231713328
wavelet-HHL	glcm	DifferenceAverage	6.787461365
wavelet-HHL	glcm	Id	0.243146192
wavelet-HHL	glcm	ClusterTendency	79.83705647
wavelet-HHL	firstorder	InterquartileRange	153.1900785
wavelet-HHL	firstorder	Skewness	0.354705069
wavelet-HHL	firstorder	Uniformity	0.055977781
wavelet-HHL	firstorder	Median	-5.613338562
wavelet-HHL	firstorder	Energy	10488153.56
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	68.2417969
wavelet-HHL	firstorder	MeanAbsoluteDeviation	111.993116
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wavelet-HHL	firstorder	Maximum	613.5034722
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wavelet-HHL	firstorder	Minimum	-490.9071754
wavelet-HHL	firstorder	Entropy	4.532572528
wavelet-HHL	firstorder	Range	1104.410648
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wavelet-HHL	firstorder	Kurtosis	4.534690083
wavelet-HHL	firstorder	Mean	1.221152994
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005994859
wavelet-HHL	glrlm	GrayLevelVariance	38.76086033
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.006076993
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.05463215
wavelet-HHL	glrlm	RunVariance	0.045430262
wavelet-HHL	glrlm	GrayLevelNonUniformity	23.30478892
wavelet-HHL	glrlm	LongRunEmphasis	1.135043434
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	447.5036809
wavelet-HHL	glrlm	RunLengthNonUniformity	392.9115657
wavelet-HHL	glrlm	ShortRunEmphasis	0.968506549
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	519.7827667
wavelet-HHL	glrlm	RunPercentage	0.958513397
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.006431529
wavelet-HHL	glrlm	RunEntropy	4.764322557
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	461.2250334
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.920590401
wavelet-HHL	glszm	GrayLevelVariance	53.67066681
wavelet-HHL	glszm	ZoneVariance	2.457238264
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.042083451
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.502750406
wavelet-HHL	glszm	SizeZoneNonUniformity	130.2123552
wavelet-HHL	glszm	GrayLevelNonUniformity	10.8996139
wavelet-HHL	glszm	LargeAreaEmphasis	5.409266409
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	353.1121255
wavelet-HHL	glszm	ZonePercentage	0.582022472
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.019942051
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2321.088803
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	474.4749035
wavelet-HHL	glszm	SmallAreaEmphasis	0.736947252
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.008294091
wavelet-HHL	glszm	ZoneEntropy	5.974603386
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007581076

wavelet-HHL	ngtdm	Coarseness	0.014776387
wavelet-HHL	ngtdm	Complexity	2944.32154
wavelet-HHL	ngtdm	Strength	7.155898051
wavelet-HHL	ngtdm	Contrast	0.226645461
wavelet-HHL	ngtdm	Busyness	0.071725022
wavelet-HLH	gldm	GrayLevelVariance	27.83660649
wavelet-HLH	gldm	HighGrayLevelEmphasis	303.9191011
wavelet-HLH	gldm	DependenceEntropy	6.129841848
wavelet-HLH	gldm	DependenceNonUniformity	124.9011236
wavelet-HLH	gldm	GrayLevelNonUniformity	25.80449438
wavelet-HLH	gldm	SmallDependenceEmphasis	0.476304444
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	155.9067941
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.280676682
wavelet-HLH	gldm	LargeDependenceEmphasis	6.074157303
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031881492
wavelet-HLH	gldm	DependenceVariance	1.487822245
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1693.460674
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005477309
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008095004
wavelet-HLH	glcm	JointAverage	16.64659748
wavelet-HLH	glcm	SumAverage	33.29319497
wavelet-HLH	glcm	JointEntropy	8.035869392
wavelet-HLH	glcm	ClusterShade	65.78367154
wavelet-HLH	glcm	MaximumProbability	0.014963269
wavelet-HLH	glcm	Idmn	0.961781713
wavelet-HLH	glcm	JointEnergy	0.004786693
wavelet-HLH	glcm	Contrast	59.54768874
wavelet-HLH	glcm	DifferenceEntropy	3.953236959
wavelet-HLH	glcm	InverseVariance	0.167367901
wavelet-HLH	glcm	DifferenceVariance	23.38635511
wavelet-HLH	glcm	Idn	0.87163217
wavelet-HLH	glcm	Idm	0.164320947
wavelet-HLH	glcm	Correlation	-0.013566604
wavelet-HLH	glcm	Autocorrelation	276.7479537
wavelet-HLH	glcm	SumEntropy	4.828877604
wavelet-HLH	glcm	SumSquares	29.40971582
wavelet-HLH	glcm	ClusterProminence	11870.39803
wavelet-HLH	glcm	Imc2	0.891015235
wavelet-HLH	glcm	Imc1	-0.179826753
wavelet-HLH	glcm	DifferenceAverage	5.953101114
wavelet-HLH	glcm	Id	0.255479297
wavelet-HLH	glcm	ClusterTendency	58.09117454
wavelet-HLH	firstorder	InterquartileRange	155.3972897
wavelet-HLH	firstorder	Skewness	0.16961292
wavelet-HLH	firstorder	Uniformity	0.057987628
wavelet-HLH	firstorder	Median	3.4705715
wavelet-HLH	firstorder	Energy	7685157.316
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	65.63697189
wavelet-HLH	firstorder	MeanAbsoluteDeviation	100.7405535
wavelet-HLH	firstorder	TotalEnergy	207499247.5
wavelet-HLH	firstorder	Maximum	509.0736546
wavelet-HLH	firstorder	RootMeanSquared	131.4154346
wavelet-HLH	firstorder	90Percentile	167.5099914
wavelet-HLH	firstorder	Minimum	-377.8708366
wavelet-HLH	firstorder	Entropy	4.384980502

wavelet-HLH	firstorder	Range	886.9444912
wavelet-HLH	firstorder	Variance	17258.19072
wavelet-HLH	firstorder	10Percentile	-169.5750764
wavelet-HLH	firstorder	Kurtosis	3.564564635
wavelet-HLH	firstorder	Mean	3.438855073
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008086375
wavelet-HLH	glrlm	GrayLevelVariance	28.45537932
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.00824529
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.057083803
wavelet-HLH	glrlm	RunVariance	0.051097737
wavelet-HLH	glrlm	GrayLevelNonUniformity	24.28721554
wavelet-HLH	glrlm	LongRunEmphasis	1.145757049
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	296.2016067
wavelet-HLH	glrlm	RunLengthNonUniformity	390.8720158
wavelet-HLH	glrlm	ShortRunEmphasis	0.96752751
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	345.4628229
wavelet-HLH	glrlm	RunPercentage	0.956093345
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.008944333
wavelet-HLH	glrlm	RunEntropy	4.617772036
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	305.1848535
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.918351775
wavelet-HLH	glszm	GrayLevelVariance	38.3713779
wavelet-HLH	glszm	ZoneVariance	6.063566399
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.047123844
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.499629827
wavelet-HLH	glszm	SizeZoneNonUniformity	120.4107884
wavelet-HLH	glszm	GrayLevelNonUniformity	11.35684647
wavelet-HLH	glszm	LargeAreaEmphasis	9.473029046
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	246.1139054
wavelet-HLH	glszm	ZonePercentage	0.541573034
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.047296714
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2601.369295
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	324.6970954
wavelet-HLH	glszm	SmallAreaEmphasis	0.734268148
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.010829917
wavelet-HLH	glszm	ZoneEntropy	5.772767657
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009396331
wavelet-HLH	ngtdm	Coarseness	0.01481453
wavelet-HLH	ngtdm	Complexity	1510.95531
wavelet-HLH	ngtdm	Strength	3.928398002
wavelet-HLH	ngtdm	Contrast	0.24752601
wavelet-HLH	ngtdm	Busyness	0.129884279

Image type	Feature Class	Feature Name	
general	info	BoundingBox	5: RTSTRUCT: C99-DNU_segment_LLL GTV (1, 1, 1, 9, 8, 6)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	(1.6015625, 1.6015625, 2.0)
general	info	MaskHash	d9f2bf06d98723392469aea92f05345f390cd2c9
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	197
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original	shape	Maximum2DDiameterSlice	22.84731932
original	shape	Sphericity	0.869271948
original	shape	MinorAxis	21.32120371
original	shape	Elongation	0.940875629
original	shape	SurfaceVolumeRatio	0.31870225
original	shape	Volume	5319
original	shape	MajorAxis	22.66102241
original	shape	SurfaceArea	1695.177267
original	shape	Flatness	0.721036538
original	shape	LeastAxis	16.33942515
original	shape	Maximum2DDiameterColumn	24.73863375
original	shape	Maximum2DDiameterRow	21.84032967
original	gldm	GrayLevelVariance	61.59287794
original	gldm	HighGrayLevelEmphasis	578.751269
original	gldm	DependenceEntropy	6.048019366
original	gldm	DependenceNonUniformity	38.89847716
original	gldm	GrayLevelNonUniformity	15.28426396
original	gldm	SmallDependenceEmphasis	0.436177092
original	gldm	SmallDependenceHighGrayLevelEmphasis	171.2622509
original	gldm	DependenceNonUniformityNormalized	0.197454199
original	gldm	LargeDependenceEmphasis	19.69035533
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.038015059
original	gldm	DependenceVariance	8.157953052
original	gldm	LargeDependenceHighGrayLevelEmphasis	15892.75127
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.010347547
original	gldm	LowGrayLevelEmphasis	0.011751437
original	glcm	JointAverage	24.32666427
original	glcm	SumAverage	48.65332853
original	glcm	JointEntropy	6.53288696



original	glcm	ClusterShade	-1652.538563
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original	glcm	Idmn	0.969803249
original	glcm	JointEnergy	0.018794343
original	glcm	Contrast	66.61442018
original	glcm	DifferenceEntropy	3.795631561
original	glcm	InverseVariance	0.259807574
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original	glcm	Idn	0.899949596
original	glcm	Idm	0.279502319
original	glcm	Correlation	0.298652733
original	glcm	Autocorrelation	606.3858092
original	glcm	SumEntropy	4.669579478
original	glcm	SumSquares	47.78163533
original	glcm	ClusterProminence	60286.37357
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original	glcm	ClusterTendency	124.5121211
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original	firstorder	Uniformity	0.077585096
original	firstorder	Median	-63
original	firstorder	Energy	11551210
original	firstorder	RobustMeanAbsoluteDeviation	119.1574506
original	firstorder	MeanAbsoluteDeviation	162.1375454
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original	firstorder	Minimum	-690
original	firstorder	Entropy	4.247973494
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.012666597
original	glrlm	GrayLevelVariance	63.58676774
original	glrlm	LowGrayLevelRunEmphasis	0.012786927
original	glrlm	GrayLevelNonUniformityNormalized	0.066839947
original	glrlm	RunVariance	0.117095199
original	glrlm	GrayLevelNonUniformity	11.968273
original	glrlm	LongRunEmphasis	1.334621502
original	glrlm	ShortRunHighGrayLevelEmphasis	501.5185109
original	glrlm	RunLengthNonUniformity	149.6391635
original	glrlm	ShortRunEmphasis	0.930266265
original	glrlm	LongRunHighGrayLevelEmphasis	823.5336561
original	glrlm	RunPercentage	0.907848497
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original	glrlm	RunEntropy	4.698708586
original	glrlm	HighGrayLevelRunEmphasis	556.5967312
original	glrlm	RunLengthNonUniformityNormalized	0.834965272
original	glszm	GrayLevelVariance	64.42881394

original	glszm	ZoneVariance	20.40572657
original	glszm	GrayLevelNonUniformityNormalized	0.043005885
original	glszm	SizeZoneNonUniformityNormalized	0.619284744
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original	glszm	HighGrayLevelZoneEmphasis	396.5212766
original	glszm	SmallAreaEmphasis	0.811199881
original	glszm	LowGrayLevelZoneEmphasis	0.022116262
original	glszm	ZoneEntropy	5.366391145
original	glszm	SmallAreaLowGrayLevelEmphasis	0.021265823
original	ngtdm	Coarseness	0.019578331
original	ngtdm	Complexity	1958.665546
original	ngtdm	Strength	12.82397857
original	ngtdm	Contrast	0.614526476
original	ngtdm	Busyness	0.055187052
wavelet-HHH	gldm	GrayLevelVariance	8.879280579
wavelet-HHH	gldm	HighGrayLevelEmphasis	140.8375635
wavelet-HHH	gldm	DependenceEntropy	5.605282737
wavelet-HHH	gldm	DependenceNonUniformity	33.07106599
wavelet-HHH	gldm	GrayLevelNonUniformity	22.36040609
wavelet-HHH	gldm	SmallDependenceEmphasis	0.308676841
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	48.50674917
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.167873431
wavelet-HHH	gldm	LargeDependenceEmphasis	14.87817259
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.125789395
wavelet-HHH	gldm	DependenceVariance	4.224741684
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2013.22335
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008408426
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wavelet-HHH	glcm	JointAverage	11.50602701
wavelet-HHH	glcm	SumAverage	23.01205402
wavelet-HHH	glcm	JointEntropy	6.23344852
wavelet-HHH	glcm	ClusterShade	6.580341878
wavelet-HHH	glcm	MaximumProbability	0.044163033
wavelet-HHH	glcm	Idmn	0.96560904
wavelet-HHH	glcm	JointEnergy	0.018245833
wavelet-HHH	glcm	Contrast	17.4985919
wavelet-HHH	glcm	DifferenceEntropy	3.107380477
wavelet-HHH	glcm	InverseVariance	0.298493009
wavelet-HHH	glcm	DifferenceVariance	7.8756505
wavelet-HHH	glcm	Idn	0.882282906
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wavelet-HHH	glcm	Correlation	-0.034156314
wavelet-HHH	glcm	Autocorrelation	132.0867985
wavelet-HHH	glcm	SumEntropy	3.835792398
wavelet-HHH	glcm	SumSquares	8.443385085
wavelet-HHH	glcm	ClusterProminence	1164.519631
wavelet-HHH	glcm	Imc2	0.838477893
wavelet-HHH	glcm	Imc1	-0.17900954
wavelet-HHH	glcm	DifferenceAverage	3.089615406

wavelet-HHH	glcm	Id	0.383445352
wavelet-HHH	glcm	ClusterTendency	16.27494844
wavelet-HHH	firstorder	InterquartileRange	70.83078711
wavelet-HHH	firstorder	Skewness	0.146278438
wavelet-HHH	firstorder	Uniformity	0.113504599
wavelet-HHH	firstorder	Median	-5.669275023
wavelet-HHH	firstorder	Energy	1060745.169
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	31.59345479
wavelet-HHH	firstorder	MeanAbsoluteDeviation	53.13526216
wavelet-HHH	firstorder	TotalEnergy	28640119.56
wavelet-HHH	firstorder	Maximum	248.9024478
wavelet-HHH	firstorder	RootMeanSquared	73.37910631
wavelet-HHH	firstorder	90Percentile	85.73222595
wavelet-HHH	firstorder	Minimum	-251.7538667
wavelet-HHH	firstorder	Entropy	3.475033148
wavelet-HHH	firstorder	Range	500.6563145
wavelet-HHH	firstorder	Variance	5383.605642
wavelet-HHH	firstorder	10Percentile	-79.38683927
wavelet-HHH	firstorder	Kurtosis	4.668692466
wavelet-HHH	firstorder	Mean	-0.942125675
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014773466
wavelet-HHH	glrlm	GrayLevelVariance	9.418784341
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.015339607
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.108437177
wavelet-HHH	glrlm	RunVariance	0.100807289
wavelet-HHH	glrlm	GrayLevelNonUniformity	19.506438
wavelet-HHH	glrlm	LongRunEmphasis	1.301890183
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	132.4308533
wavelet-HHH	glrlm	RunLengthNonUniformity	150.8533709
wavelet-HHH	glrlm	ShortRunEmphasis	0.932654934
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	182.0344989
wavelet-HHH	glrlm	RunPercentage	0.912924639
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.017848585
wavelet-HHH	glrlm	RunEntropy	3.913630844
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	141.465024
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.838236051
wavelet-HHH	glszm	GrayLevelVariance	17.23875433
wavelet-HHH	glszm	ZoneVariance	24.94528547
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.076124567
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.428200692
wavelet-HHH	glszm	SizeZoneNonUniformity	29.11764706
wavelet-HHH	glszm	GrayLevelNonUniformity	5.176470588
wavelet-HHH	glszm	LargeAreaEmphasis	33.33823529
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	112.1960429
wavelet-HHH	glszm	ZonePercentage	0.345177665
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.278147996
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4557.455882
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	155.6470588
wavelet-HHH	glszm	SmallAreaEmphasis	0.677348357
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.025900764
wavelet-HHH	glszm	ZoneEntropy	4.947377732
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.022189133
wavelet-HHH	ngtdm	Coarseness	0.033415945
wavelet-HHH	ngtdm	Complexity	287.8000731
wavelet-HHH	ngtdm	Strength	3.168995682

wavelet-HHH	ngtdm	Contrast	0.133180788
wavelet-HHH	ngtdm	Busyness	0.13341003
wavelet-HLL	gldm	GrayLevelVariance	78.73668479
wavelet-HLL	gldm	HighGrayLevelEmphasis	464.6497462
wavelet-HLL	gldm	DependenceEntropy	6.04531767
wavelet-HLL	gldm	DependenceNonUniformity	62.59390863
wavelet-HLL	gldm	GrayLevelNonUniformity	7.791878173
wavelet-HLL	gldm	SmallDependenceEmphasis	0.523389735
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	275.2635716
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.317735577
wavelet-HLL	gldm	LargeDependenceEmphasis	4.969543147
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.063466951
wavelet-HLL	gldm	DependenceVariance	1.150197119
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1883.583756
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005044873
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014651915
wavelet-HLL	glcm	JointAverage	18.77438783
wavelet-HLL	glcm	SumAverage	37.54877567
wavelet-HLL	glcm	JointEntropy	7.548434181
wavelet-HLL	glcm	ClusterShade	2614.143776
wavelet-HLL	glcm	MaximumProbability	0.016398375
wavelet-HLL	glcm	Idmn	0.97008422
wavelet-HLL	glcm	JointEnergy	0.006013038
wavelet-HLL	glcm	Contrast	87.36815313
wavelet-HLL	glcm	DifferenceEntropy	4.099958126
wavelet-HLL	glcm	InverseVariance	0.154559915
wavelet-HLL	glcm	DifferenceVariance	35.80368245
wavelet-HLL	glcm	Idn	0.887412941
wavelet-HLL	glcm	Idm	0.147195962
wavelet-HLL	glcm	Correlation	0.313696079
wavelet-HLL	glcm	Autocorrelation	372.7251971
wavelet-HLL	glcm	SumEntropy	5.13332646
wavelet-HLL	glcm	SumSquares	63.88894332
wavelet-HLL	glcm	ClusterProminence	151556.6468
wavelet-HLL	glcm	Imc2	0.988033508
wavelet-HLL	glcm	Imc1	-0.399452105
wavelet-HLL	glcm	DifferenceAverage	7.046115882
wavelet-HLL	glcm	Id	0.235128618
wavelet-HLL	glcm	ClusterTendency	168.1876201
wavelet-HLL	firstorder	InterquartileRange	253.5633028
wavelet-HLL	firstorder	Skewness	0.915435707
wavelet-HLL	firstorder	Uniformity	0.039552681
wavelet-HLL	firstorder	Median	-101.5654979
wavelet-HLL	firstorder	Energy	10720201.15
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	112.9549694
wavelet-HLL	firstorder	MeanAbsoluteDeviation	170.9067067
wavelet-HLL	firstorder	TotalEnergy	289445430.9
wavelet-HLL	firstorder	Maximum	722.0825205
wavelet-HLL	firstorder	RootMeanSquared	233.2750838
wavelet-HLL	firstorder	90Percentile	250.5097186
wavelet-HLL	firstorder	Minimum	-535.8485652
wavelet-HLL	firstorder	Entropy	4.881537864
wavelet-HLL	firstorder	Range	1257.931086
wavelet-HLL	firstorder	Variance	49260.97057
wavelet-HLL	firstorder	10Percentile	-314.9271291

wavelet-HLL	firstorder	Kurtosis	3.990633983
wavelet-HLL	firstorder	Mean	-71.80734035
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01416709
wavelet-HLL	glrlm	GrayLevelVariance	79.86817633
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.014612825
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.039299505
wavelet-HLL	glrlm	RunVariance	0.040804032
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.457752378
wavelet-HLL	glrlm	LongRunEmphasis	1.119740373
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	457.8901871
wavelet-HLL	glrlm	RunLengthNonUniformity	176.632263
wavelet-HLL	glrlm	ShortRunEmphasis	0.972406725
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	512.148639
wavelet-HLL	glrlm	RunPercentage	0.963295588
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.016444846
wavelet-HLL	glrlm	RunEntropy	5.025915762
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	468.2702428
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.93017943
wavelet-HLL	glszm	GrayLevelVariance	95.91926781
wavelet-HLL	glszm	ZoneVariance	1.440202172
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035994809
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.500717164
wavelet-HLL	glszm	SizeZoneNonUniformity	60.58677686
wavelet-HLL	glszm	GrayLevelNonUniformity	4.355371901
wavelet-HLL	glszm	LargeAreaEmphasis	4.090909091
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	400.7650666
wavelet-HLL	glszm	ZonePercentage	0.614213198
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.050809759
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1624.479339
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	516.677686
wavelet-HLL	glszm	SmallAreaEmphasis	0.733760904
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012933727
wavelet-HLL	glszm	ZoneEntropy	5.770368304
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005688077
wavelet-HLL	ngtdm	Coarseness	0.033177868
wavelet-HLL	ngtdm	Complexity	2927.557381
wavelet-HLL	ngtdm	Strength	19.19720934
wavelet-HLL	ngtdm	Contrast	0.553405226
wavelet-HLL	ngtdm	Busyness	0.056924619
wavelet-LHL	gldm	GrayLevelVariance	53.01893891
wavelet-LHL	gldm	HighGrayLevelEmphasis	500.2233503
wavelet-LHL	gldm	DependenceEntropy	6.043775728
wavelet-LHL	gldm	DependenceNonUniformity	58.88832487
wavelet-LHL	gldm	GrayLevelNonUniformity	9.588832487
wavelet-LHL	gldm	SmallDependenceEmphasis	0.515679639
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	280.5566004
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.298925507
wavelet-LHL	gldm	LargeDependenceEmphasis	5.406091371
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.055711002
wavelet-LHL	gldm	DependenceVariance	1.262696797
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2534.781726
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004563712
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013592358
wavelet-LHL	glcm	JointAverage	21.0608298
wavelet-LHL	glcm	SumAverage	42.12165959

wavelet-LHL	glcm	JointEntropy	7.459546947
wavelet-LHL	glcm	ClusterShade	443.1266976
wavelet-LHL	glcm	MaximumProbability	0.018722737
wavelet-LHL	glcm	Idmn	0.966410612
wavelet-LHL	glcm	JointEnergy	0.006625003
wavelet-LHL	glcm	Contrast	70.3652918
wavelet-LHL	glcm	DifferenceEntropy	3.960236995
wavelet-LHL	glcm	InverseVariance	0.181549499
wavelet-LHL	glcm	DifferenceVariance	29.11266856
wavelet-LHL	glcm	Idn	0.881666682
wavelet-LHL	glcm	Idm	0.167276245
wavelet-LHL	glcm	Correlation	0.236462444
wavelet-LHL	glcm	Autocorrelation	455.132455
wavelet-LHL	glcm	SumEntropy	5.039657273
wavelet-LHL	glcm	SumSquares	46.73512258
wavelet-LHL	glcm	ClusterProminence	54687.55578
wavelet-LHL	glcm	Imc2	0.984127439
wavelet-LHL	glcm	Imc1	-0.378445068
wavelet-LHL	glcm	DifferenceAverage	6.319724912
wavelet-LHL	glcm	Id	0.254516789
wavelet-LHL	glcm	ClusterTendency	116.5751985
wavelet-LHL	firstorder	InterquartileRange	186.0376496
wavelet-LHL	firstorder	Skewness	0.170560277
wavelet-LHL	firstorder	Uniformity	0.048674277
wavelet-LHL	firstorder	Median	-61.82151147
wavelet-LHL	firstorder	Energy	7256822.146
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	85.33566802
wavelet-LHL	firstorder	MeanAbsoluteDeviation	136.7069573
wavelet-LHL	firstorder	TotalEnergy	195934197.9
wavelet-LHL	firstorder	Maximum	494.6537253
wavelet-LHL	firstorder	RootMeanSquared	191.9287905
wavelet-LHL	firstorder	90Percentile	171.321446
wavelet-LHL	firstorder	Minimum	-568.325629
wavelet-LHL	firstorder	Entropy	4.705110138
wavelet-LHL	firstorder	Range	1062.979354
wavelet-LHL	firstorder	Variance	33487.21395
wavelet-LHL	firstorder	10Percentile	-299.5452095
wavelet-LHL	firstorder	Kurtosis	3.516729122
wavelet-LHL	firstorder	Mean	-57.87440444
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01321041
wavelet-LHL	glrlm	GrayLevelVariance	54.15542414
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.013617407
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.047699184
wavelet-LHL	glrlm	RunVariance	0.043028812
wavelet-LHL	glrlm	GrayLevelNonUniformity	9.022192977
wavelet-LHL	glrlm	LongRunEmphasis	1.129236075
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	488.1626942
wavelet-LHL	glrlm	RunLengthNonUniformity	174.8128982
wavelet-LHL	glrlm	ShortRunEmphasis	0.969549189
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	561.3389174
wavelet-LHL	glrlm	RunPercentage	0.960171808
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.015259984
wavelet-LHL	glrlm	RunEntropy	4.88697726
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	502.0235915
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.923403115

wavelet-LHL	glszm	GrayLevelVariance	68.26235277
wavelet-LHL	glszm	ZoneVariance	1.695848894
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038207412
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.514076415
wavelet-LHL	glszm	SizeZoneNonUniformity	60.66101695
wavelet-LHL	glszm	GrayLevelNonUniformity	4.508474576
wavelet-LHL	glszm	LargeAreaEmphasis	4.483050847
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	416.3641227
wavelet-LHL	glszm	ZonePercentage	0.598984772
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.047231265
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2099.288136
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	533.4322034
wavelet-LHL	glszm	SmallAreaEmphasis	0.743732273
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.012293226
wavelet-LHL	glszm	ZoneEntropy	5.707488045
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005140089
wavelet-LHL	ngtdm	Coarseness	0.03196996
wavelet-LHL	ngtdm	Complexity	2263.703442
wavelet-LHL	ngtdm	Strength	13.55040063
wavelet-LHL	ngtdm	Contrast	0.391854789
wavelet-LHL	ngtdm	Busyness	0.044821317
wavelet-LHH	gldm	GrayLevelVariance	27.99216677
wavelet-LHH	gldm	HighGrayLevelEmphasis	372.5939086
wavelet-LHH	gldm	DependenceEntropy	5.964149239
wavelet-LHH	gldm	DependenceNonUniformity	42.38071066
wavelet-LHH	gldm	GrayLevelNonUniformity	14.95939086
wavelet-LHH	gldm	SmallDependenceEmphasis	0.442802546
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	170.6708275
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.215130511
wavelet-LHH	gldm	LargeDependenceEmphasis	13.24365482
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.046397768
wavelet-LHH	gldm	DependenceVariance	5.076245201
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4554.989848
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007678456
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.009370183
wavelet-LHH	glcm	JointAverage	18.48950297
wavelet-LHH	glcm	SumAverage	36.97900594
wavelet-LHH	glcm	JointEntropy	6.782908795
wavelet-LHH	glcm	ClusterShade	-8.675860826
wavelet-LHH	glcm	MaximumProbability	0.039850441
wavelet-LHH	glcm	Idmn	0.984209716
wavelet-LHH	glcm	JointEnergy	0.012588239
wavelet-LHH	glcm	Contrast	46.80372775
wavelet-LHH	glcm	DifferenceEntropy	3.542462282
wavelet-LHH	glcm	InverseVariance	0.263071836
wavelet-LHH	glcm	DifferenceVariance	26.07985842
wavelet-LHH	glcm	Idn	0.925258755
wavelet-LHH	glcm	Idm	0.258935312
wavelet-LHH	glcm	Correlation	-0.044033918
wavelet-LHH	glcm	Autocorrelation	341.0781934
wavelet-LHH	glcm	SumEntropy	4.304524439
wavelet-LHH	glcm	SumSquares	22.58966338
wavelet-LHH	glcm	ClusterProminence	14727.77764
wavelet-LHH	glcm	Imc2	0.945942126
wavelet-LHH	glcm	Imc1	-0.286357057

wavelet-LHH	glcm	DifferenceAverage	4.512428704
wavelet-LHH	glcm	Id	0.34039551
wavelet-LHH	glcm	ClusterTendency	43.55492576
wavelet-LHH	firstorder	InterquartileRange	109.9588952
wavelet-LHH	firstorder	Skewness	0.950319645
wavelet-LHH	firstorder	Uniformity	0.075935994
wavelet-LHH	firstorder	Median	-0.130316494
wavelet-LHH	firstorder	Energy	3400135.22
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	48.70483066
wavelet-LHH	firstorder	MeanAbsoluteDeviation	86.67759289
wavelet-LHH	firstorder	TotalEnergy	91803650.93
wavelet-LHH	firstorder	Maximum	814.7863951
wavelet-LHH	firstorder	RootMeanSquared	131.3756813
wavelet-LHH	firstorder	90Percentile	134.1296665
wavelet-LHH	firstorder	Minimum	-441.9530127
wavelet-LHH	firstorder	Entropy	4.090008593
wavelet-LHH	firstorder	Range	1256.739408
wavelet-LHH	firstorder	Variance	17254.75112
wavelet-LHH	firstorder	10Percentile	-131.1529973
wavelet-LHH	firstorder	Kurtosis	10.74887411
wavelet-LHH	firstorder	Mean	2.195113957
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.009705144
wavelet-LHH	glrlm	GrayLevelVariance	29.8169387
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.009862431
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.071450808
wavelet-LHH	glrlm	RunVariance	0.092097222
wavelet-LHH	glrlm	GrayLevelNonUniformity	13.07364417
wavelet-LHH	glrlm	LongRunEmphasis	1.253304244
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	356.1626353
wavelet-LHH	glrlm	RunLengthNonUniformity	159.9125029
wavelet-LHH	glrlm	ShortRunEmphasis	0.947991207
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	463.1306191
wavelet-LHH	glrlm	RunPercentage	0.928543538
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.010622312
wavelet-LHH	glrlm	RunEntropy	4.428453568
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	374.3269172
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.873572677
wavelet-LHH	glszm	GrayLevelVariance	51.71978271
wavelet-LHH	glszm	ZoneVariance	12.7674287
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050475328
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.588727931
wavelet-LHH	glszm	SizeZoneNonUniformity	55.34042553
wavelet-LHH	glszm	GrayLevelNonUniformity	4.744680851
wavelet-LHH	glszm	LargeAreaEmphasis	17.15957447
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	307.3286026
wavelet-LHH	glszm	ZonePercentage	0.47715736
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.065332837
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5872.287234
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	386.5319149
wavelet-LHH	glszm	SmallAreaEmphasis	0.792523431
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016348891
wavelet-LHH	glszm	ZoneEntropy	5.280667512
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015679077
wavelet-LHH	ngtdm	Coarseness	0.033938838
wavelet-LHH	ngtdm	Complexity	1236.789644



wavelet-LHH	ngtdm	Strength	10.60673973
wavelet-LHH	ngtdm	Contrast	0.29316488
wavelet-LHH	ngtdm	Busyness	0.053291952
wavelet-LLH	gldm	GrayLevelVariance	138.5651266
wavelet-LLH	gldm	HighGrayLevelEmphasis	2608.705584
wavelet-LLH	gldm	DependenceEntropy	6.393866525
wavelet-LLH	gldm	DependenceNonUniformity	57.81218274
wavelet-LLH	gldm	GrayLevelNonUniformity	8.076142132
wavelet-LLH	gldm	SmallDependenceEmphasis	0.536691342
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1448.392523
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.293462857
wavelet-LLH	gldm	LargeDependenceEmphasis	6.85786802
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.008088113
wavelet-LLH	gldm	DependenceVariance	2.159756757
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	17243.80203
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005492819
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.005688774
wavelet-LLH	glcm	JointAverage	50.10363873
wavelet-LLH	glcm	SumAverage	100.2072775
wavelet-LLH	glcm	JointEntropy	7.46337174
wavelet-LLH	glcm	ClusterShade	-1216.370915
wavelet-LLH	glcm	MaximumProbability	0.019684314
wavelet-LLH	glcm	Idmn	0.97516286
wavelet-LLH	glcm	JointEnergy	0.006781972
wavelet-LLH	glcm	Contrast	206.566985
wavelet-LLH	glcm	DifferenceEntropy	4.275801963
wavelet-LLH	glcm	InverseVariance	0.184267241
wavelet-LLH	glcm	DifferenceVariance	119.9786202
wavelet-LLH	glcm	Idn	0.912565685
wavelet-LLH	glcm	Idm	0.175218788
wavelet-LLH	glcm	Correlation	0.078734106
wavelet-LLH	glcm	Autocorrelation	2522.913821
wavelet-LLH	glcm	SumEntropy	5.192543166
wavelet-LLH	glcm	SumSquares	115.7082183
wavelet-LLH	glcm	ClusterProminence	489734.2798
wavelet-LLH	glcm	Imc2	0.993829999
wavelet-LLH	glcm	Imc1	-0.45761171
wavelet-LLH	glcm	DifferenceAverage	8.941604881
wavelet-LLH	glcm	Id	0.254088825
wavelet-LLH	glcm	ClusterTendency	256.2658882
wavelet-LLH	firstorder	InterquartileRange	211.2293242
wavelet-LLH	firstorder	Skewness	-0.456216589
wavelet-LLH	firstorder	Uniformity	0.040995645
wavelet-LLH	firstorder	Median	-25.87987158
wavelet-LLH	firstorder	Energy	17149865.25
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	102.0890997
wavelet-LLH	firstorder	MeanAbsoluteDeviation	194.2413616
wavelet-LLH	firstorder	TotalEnergy	463046361.8
wavelet-LLH	firstorder	Maximum	799.0397481
wavelet-LLH	firstorder	RootMeanSquared	295.0511033
wavelet-LLH	firstorder	90Percentile	376.5801691
wavelet-LLH	firstorder	Minimum	-1238.859506
wavelet-LLH	firstorder	Entropy	5.080808451
wavelet-LLH	firstorder	Range	2037.899254
wavelet-LLH	firstorder	Variance	86682.26667

wavelet-LLH	firstorder	10Percentile	-307.8457805
wavelet-LLH	firstorder	Kurtosis	5.993708862
wavelet-LLH	firstorder	Mean	-19.31027943
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005923667
wavelet-LLH	glrlm	GrayLevelVariance	144.1344174
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.005937942
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.039289176
wavelet-LLH	glrlm	RunVariance	0.048066625
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.393687848
wavelet-LLH	glrlm	LongRunEmphasis	1.145026647
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2528.068126
wavelet-LLH	glrlm	RunLengthNonUniformity	171.912087
wavelet-LLH	glrlm	ShortRunEmphasis	0.965574085
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2975.775514
wavelet-LLH	glrlm	RunPercentage	0.955095666
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005998084
wavelet-LLH	glrlm	RunEntropy	5.302029917
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2614.046608
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.913288802
wavelet-LLH	glszm	GrayLevelVariance	210.478356
wavelet-LLH	glszm	ZoneVariance	3.805663442
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.027611044
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.584351388
wavelet-LLH	glszm	SizeZoneNonUniformity	69.53781513
wavelet-LLH	glszm	GrayLevelNonUniformity	3.285714286
wavelet-LLH	glszm	LargeAreaEmphasis	6.546218487
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2154.861159
wavelet-LLH	glszm	ZonePercentage	0.604060914
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.011411626
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	16510.69748
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2684.495798
wavelet-LLH	glszm	SmallAreaEmphasis	0.791368292
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009141797
wavelet-LLH	glszm	ZoneEntropy	6.097390427
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009051269
wavelet-LLH	ngtdm	Coarseness	0.033707954
wavelet-LLH	ngtdm	Complexity	8987.352237
wavelet-LLH	ngtdm	Strength	40.60959668
wavelet-LLH	ngtdm	Contrast	0.674753121
wavelet-LLH	ngtdm	Busyness	0.010369878
wavelet-LLL	gldm	GrayLevelVariance	430.0213868
wavelet-LLL	gldm	HighGrayLevelEmphasis	3528.045685
wavelet-LLL	gldm	DependenceEntropy	6.405869205
wavelet-LLL	gldm	DependenceNonUniformity	91.64974619
wavelet-LLL	gldm	GrayLevelNonUniformity	3.944162437
wavelet-LLL	gldm	SmallDependenceEmphasis	0.702711506
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2115.364796
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.465227138
wavelet-LLL	gldm	LargeDependenceEmphasis	3.131979695
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006410156
wavelet-LLL	gldm	DependenceVariance	0.734984153
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	14093.91371
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00568084
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005780089
wavelet-LLL	glcm	JointAverage	60.33985226

wavelet-LLL	glcm	SumAverage	120.6797045
wavelet-LLL	glcm	JointEntropy	7.925628791
wavelet-LLL	glcm	ClusterShade	-20079.82589
wavelet-LLL	glcm	MaximumProbability	0.010373271
wavelet-LLL	glcm	Idmn	0.96198981
wavelet-LLL	glcm	JointEnergy	0.004307781
wavelet-LLL	glcm	Contrast	437.2061458
wavelet-LLL	glcm	DifferenceEntropy	5.040496515
wavelet-LLL	glcm	InverseVariance	0.087399874
wavelet-LLL	glcm	DifferenceVariance	171.487599
wavelet-LLL	glcm	Idn	0.874034558
wavelet-LLL	glcm	Idm	0.083145656
wavelet-LLL	glcm	Correlation	0.400679155
wavelet-LLL	glcm	Autocorrelation	3787.961829
wavelet-LLL	glcm	SumEntropy	6.081322932
wavelet-LLL	glcm	SumSquares	364.7208964
wavelet-LLL	glcm	ClusterProminence	2703677.614
wavelet-LLL	glcm	Imc2	0.999404876
wavelet-LLL	glcm	Imc1	-0.597169357
wavelet-LLL	glcm	DifferenceAverage	15.97781763
wavelet-LLL	glcm	Id	0.149402561
wavelet-LLL	glcm	ClusterTendency	1021.67744
wavelet-LLL	firstorder	InterquartileRange	809.1114347
wavelet-LLL	firstorder	Skewness	-0.357112931
wavelet-LLL	firstorder	Uniformity	0.020021129
wavelet-LLL	firstorder	Median	-421.2510613
wavelet-LLL	firstorder	Energy	96617423.67
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	356.2907405
wavelet-LLL	firstorder	MeanAbsoluteDeviation	450.0437911
wavelet-LLL	firstorder	TotalEnergy	2608670439
wavelet-LLL	firstorder	Maximum	664.7857729
wavelet-LLL	firstorder	RootMeanSquared	700.3169104
wavelet-LLL	firstorder	90Percentile	119.3635116
wavelet-LLL	firstorder	Minimum	-1845.726933
wavelet-LLL	firstorder	Entropy	5.847639462
wavelet-LLL	firstorder	Range	2510.512706
wavelet-LLL	firstorder	Variance	268614.5188
wavelet-LLL	firstorder	10Percentile	-1186.500806
wavelet-LLL	firstorder	Kurtosis	2.154267435
wavelet-LLL	firstorder	Mean	-470.9875329
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005894069
wavelet-LLL	glrlm	GrayLevelVariance	430.5552632
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005899035
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.01980905
wavelet-LLL	glrlm	RunVariance	0.024349055
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.820509362
wavelet-LLL	glrlm	LongRunEmphasis	1.068553166
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3424.458029
wavelet-LLL	glrlm	RunLengthNonUniformity	185.2091145
wavelet-LLL	glrlm	ShortRunEmphasis	0.984474702
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3836.562174
wavelet-LLL	glrlm	RunPercentage	0.978914487
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005919954
wavelet-LLL	glrlm	RunEntropy	5.918397146
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3498.992844

wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.960057916
wavelet-LLL	glszm	GrayLevelVariance	425.6789614
wavelet-LLL	glszm	ZoneVariance	0.635673874
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.018288672
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.687996141
wavelet-LLL	glszm	SizeZoneNonUniformity	103.8874172
wavelet-LLL	glszm	GrayLevelNonUniformity	2.761589404
wavelet-LLL	glszm	LargeAreaEmphasis	2.337748344
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2464.497265
wavelet-LLL	glszm	ZonePercentage	0.766497462
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007857482
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9655.503311
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3147.615894
wavelet-LLL	glszm	SmallAreaEmphasis	0.853960633
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007440113
wavelet-LLL	glszm	ZoneEntropy	6.211526262
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007389177
wavelet-LLL	ngtdm	Coarseness	0.024760097
wavelet-LLL	ngtdm	Complexity	23669.57008
wavelet-LLL	ngtdm	Strength	60.08799712
wavelet-LLL	ngtdm	Contrast	2.136365228
wavelet-LLL	ngtdm	Busyness	0.011418085
wavelet-HHL	gldm	GrayLevelVariance	18.46324306
wavelet-HHL	gldm	HighGrayLevelEmphasis	156.9137056
wavelet-HHL	gldm	DependenceEntropy	5.719232234
wavelet-HHL	gldm	DependenceNonUniformity	46.16751269
wavelet-HHL	gldm	GrayLevelNonUniformity	15.55837563
wavelet-HHL	gldm	SmallDependenceEmphasis	0.369621275
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	64.0352143
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.234352856
wavelet-HHL	gldm	LargeDependenceEmphasis	8.644670051
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.133103805
wavelet-HHL	gldm	DependenceVariance	2.125331753
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1151.187817
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009086935
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024099305
wavelet-HHL	glcm	JointAverage	11.77855459
wavelet-HHL	glcm	SumAverage	23.55710918
wavelet-HHL	glcm	JointEntropy	6.925244524
wavelet-HHL	glcm	ClusterShade	82.42460941
wavelet-HHL	glcm	MaximumProbability	0.030114263
wavelet-HHL	glcm	Idmn	0.950103453
wavelet-HHL	glcm	JointEnergy	0.010357792
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wavelet-HHL	glcm	InverseVariance	0.213944277
wavelet-HHL	glcm	DifferenceVariance	13.74285575
wavelet-HHL	glcm	Idn	0.856543602
wavelet-HHL	glcm	Idm	0.216985231
wavelet-HHL	glcm	Correlation	0.085160409
wavelet-HHL	glcm	Autocorrelation	140.4764956
wavelet-HHL	glcm	SumEntropy	4.477065914
wavelet-HHL	glcm	SumSquares	18.75490636
wavelet-HHL	glcm	ClusterProminence	5711.770594
wavelet-HHL	glcm	Imc2	0.930768627

wavelet-HHL	glcm	Imc1	-0.255670906
wavelet-HHL	glcm	DifferenceAverage	4.461665842
wavelet-HHL	glcm	Id	0.30815037
wavelet-HHL	glcm	ClusterTendency	40.92097419
wavelet-HHL	firstorder	InterquartileRange	133.971468
wavelet-HHL	firstorder	Skewness	0.325195074
wavelet-HHL	firstorder	Uniformity	0.078976526
wavelet-HHL	firstorder	Median	-4.451016223
wavelet-HHL	firstorder	Energy	2261781.053
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	53.04223401
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wavelet-HHL	firstorder	TotalEnergy	61068088.44
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wavelet-HHL	firstorder	Entropy	3.981918407
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wavelet-HHL	firstorder	10Percentile	-106.5432351
wavelet-HHL	firstorder	Kurtosis	3.520212896
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wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.023686053
wavelet-HHL	glrlm	GrayLevelVariance	18.94795735
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024509512
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.076925899
wavelet-HHL	glrlm	RunVariance	0.074612628
wavelet-HHL	glrlm	GrayLevelNonUniformity	14.25079586
wavelet-HHL	glrlm	LongRunEmphasis	1.209500616
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	151.7767161
wavelet-HHL	glrlm	RunLengthNonUniformity	165.3168871
wavelet-HHL	glrlm	ShortRunEmphasis	0.955294504
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	186.562618
wavelet-HHL	glrlm	RunPercentage	0.940257712
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.028113173
wavelet-HHL	glrlm	RunEntropy	4.267734189
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	158.1035275
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.890828357
wavelet-HHL	glszm	GrayLevelVariance	26.44074514
wavelet-HHL	glszm	ZoneVariance	7.366891267
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058263971
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.382216938
wavelet-HHL	glszm	SizeZoneNonUniformity	33.25287356
wavelet-HHL	glszm	GrayLevelNonUniformity	5.068965517
wavelet-HHL	glszm	LargeAreaEmphasis	12.49425287
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	115.2012869
wavelet-HHL	glszm	ZonePercentage	0.441624365
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.182431966
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1570.413793
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	173.7701149
wavelet-HHL	glszm	SmallAreaEmphasis	0.636893192
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.029079777
wavelet-HHL	glszm	ZoneEntropy	5.417434519
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015240617
wavelet-HHL	ngtdm	Coarseness	0.030592674

wavelet-HHL	ngtdm	Complexity	654.2606951
wavelet-HHL	ngtdm	Strength	5.28546076
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wavelet-HLH	gldm	GrayLevelVariance	18.27163802
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wavelet-HLH	gldm	DependenceEntropy	5.830056899
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.393542818
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	76.83664883
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.217398026
wavelet-HLH	gldm	LargeDependenceEmphasis	10.23857868
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.119053282
wavelet-HLH	gldm	DependenceVariance	3.027854364
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wavelet-HLH	gldm	LowGrayLevelEmphasis	0.020594446
wavelet-HLH	glcm	JointAverage	12.55580872
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wavelet-HLH	glcm	ClusterShade	12.51119193
wavelet-HLH	glcm	MaximumProbability	0.028262283
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wavelet-HLH	glcm	JointEnergy	0.010756925
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wavelet-HLH	glcm	DifferenceEntropy	3.493771445
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wavelet-HLH	glcm	ClusterProminence	5533.987619
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wavelet-HLH	glcm	DifferenceAverage	4.306422908
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wavelet-HLH	firstorder	Median	-3.317269378
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wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	50.66524942
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wavelet-HLH	firstorder	RootMeanSquared	106.9981718
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wavelet-HLH	firstorder	Entropy	3.990757248
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wavelet-HLH	firstorder	Kurtosis	3.906765754
wavelet-HLH	firstorder	Mean	2.238940437
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020345191
wavelet-HLH	glrlm	GrayLevelVariance	18.99961097
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.021059597
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.074266463
wavelet-HLH	glrlm	RunVariance	0.074529983
wavelet-HLH	glrlm	GrayLevelNonUniformity	13.68358171
wavelet-HLH	glrlm	LongRunEmphasis	1.221035442
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	169.9297497
wavelet-HLH	glrlm	RunLengthNonUniformity	162.2372061
wavelet-HLH	glrlm	ShortRunEmphasis	0.950422817
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	213.4578153
wavelet-HLH	glrlm	RunPercentage	0.93518157
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024077953
wavelet-HLH	glrlm	RunEntropy	4.30591975
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	177.9749829
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.879109653
wavelet-HLH	glszm	GrayLevelVariance	27.63654321
wavelet-HLH	glszm	ZoneVariance	8.597654321
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058024691
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wavelet-HLH	glszm	LargeAreaEmphasis	13.38888889
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	140.4058349
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wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.154819347
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1989.455556
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	194.3333333
wavelet-HLH	glszm	SmallAreaEmphasis	0.691508012
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024224079
wavelet-HLH	glszm	ZoneEntropy	5.258124625
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012750138
wavelet-HLH	ngtdm	Coarseness	0.03170504
wavelet-HLH	ngtdm	Complexity	646.0490212
wavelet-HLH	ngtdm	Strength	5.058705563
wavelet-HLH	ngtdm	Contrast	0.229614405
wavelet-HLH	ngtdm	Busyness	0.113775783

Image type	Feature Class	Feature Name	Value
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general	info	PyWaveletVersion	0.5.2
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original	gldm	HighGrayLevelEmphasis	65.84210526
original	gldm	DependenceEntropy	3.471354487
original	gldm	DependenceNonUniformity	8.684210526
original	gldm	GrayLevelNonUniformity	2.052631579
original	gldm	SmallDependenceEmphasis	0.558479532
original	gldm	SmallDependenceHighGrayLevelEmphasis	30.78947368
original	gldm	DependenceNonUniformityNormalized	0.457063712
original	gldm	LargeDependenceEmphasis	3
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.462793526
original	gldm	DependenceVariance	0.337950139
original	gldm	LargeDependenceHighGrayLevelEmphasis	225
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.043348263
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original	glcm	JointAverage	7.76023421
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original	glcm	JointEntropy	3.676768938
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original	glcm	Contrast	20.74061494
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original	glcm	InverseVariance	0.261730353
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original	glcm	Idn	0.791346842
original	glcm	Idm	0.237617908
original	glcm	Correlation	-0.000858293
original	glcm	Autocorrelation	60.62113442
original	glcm	SumEntropy	2.543241354
original	glcm	SumSquares	10.57135603
original	glcm	ClusterProminence	1449.507352
original	glcm	Imc2	0.99577651
original	glcm	Imc1	-0.806678521
original	glcm	DifferenceAverage	3.60997891
original	glcm	Id	0.329227063
original	glcm	ClusterTendency	21.54480919
original	firstorder	InterquartileRange	107
original	firstorder	Skewness	-0.488481503
original	firstorder	Uniformity	0.108033241
original	firstorder	Median	-64
original	firstorder	Energy	246277
original	firstorder	RobustMeanAbsoluteDeviation	46.45333333
original	firstorder	MeanAbsoluteDeviation	66.52077562
original	firstorder	TotalEnergy	6649479
original	firstorder	Maximum	43
original	firstorder	RootMeanSquared	113.8505484
original	firstorder	90Percentile	19
original	firstorder	Minimum	-241
original	firstorder	Entropy	3.326360408
original	firstorder	Range	284
original	firstorder	Variance	6620.759003
original	firstorder	10Percentile	-190
original	firstorder	Kurtosis	2.383111789
original	firstorder	Mean	-79.63157895
original	glrlm	ShortRunLowGrayLevelEmphasis	0.121226653
original	glrlm	GrayLevelVariance	10.68460644
original	glrlm	LowGrayLevelRunEmphasis	0.125033976
original	glrlm	GrayLevelNonUniformityNormalized	0.108371897
original	glrlm	RunVariance	0.023827012
original	glrlm	GrayLevelNonUniformity	2.008659469
original	glrlm	LongRunEmphasis	1.081730769
original	glrlm	ShortRunHighGrayLevelEmphasis	63.87880258
original	glrlm	RunLengthNonUniformity	17.7275641
original	glrlm	ShortRunEmphasis	0.979567308
original	glrlm	LongRunHighGrayLevelEmphasis	71.92968399
original	glrlm	RunPercentage	0.975708502
original	glrlm	LongRunLowGrayLevelEmphasis	0.140263267
original	glrlm	RunEntropy	3.343686539
original	glrlm	HighGrayLevelRunEmphasis	65.48897886
original	glrlm	RunLengthNonUniformityNormalized	0.952345976
original	glszm	GrayLevelVariance	9.455621302
original	glszm	ZoneVariance	0.402366864
original	glszm	GrayLevelNonUniformityNormalized	0.112426036
original	glszm	SizeZoneNonUniformityNormalized	0.479289941
original	glszm	SizeZoneNonUniformity	6.230769231
original	glszm	GrayLevelNonUniformity	1.461538462

original	glszm	LargeAreaEmphasis	2.538461538
original	glszm	SmallAreaHighGrayLevelEmphasis	35.82692308
original	glszm	ZonePercentage	0.684210526
original	glszm	LargeAreaLowGrayLevelEmphasis	0.350141791
original	glszm	LargeAreaHighGrayLevelEmphasis	182.0769231
original	glszm	HighGrayLevelZoneEmphasis	59.53846154
original	glszm	SmallAreaEmphasis	0.700854701
original	glszm	LowGrayLevelZoneEmphasis	0.103555895
original	glszm	ZoneEntropy	3.334679141
original	glszm	SmallAreaLowGrayLevelEmphasis	0.042964608
original	ngtdm	Coarseness	0.234095746
original	ngtdm	Complexity	127.1087024
original	ngtdm	Strength	10.33935376
original	ngtdm	Contrast	0.482977321
original	ngtdm	Busyness	0.065243868
wavelet-HHH	gldm	GrayLevelVariance	10.24930748
wavelet-HHH	gldm	HighGrayLevelEmphasis	121.0526316
wavelet-HHH	gldm	DependenceEntropy	3.300559092
wavelet-HHH	gldm	DependenceNonUniformity	6.789473684
wavelet-HHH	gldm	GrayLevelNonUniformity	2.578947368
wavelet-HHH	gldm	SmallDependenceEmphasis	0.486842105
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	62.90789474
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.35734072
wavelet-HHH	gldm	LargeDependenceEmphasis	5.421052632
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.110999443
wavelet-HHH	gldm	DependenceVariance	1.207756233
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	545.4736842
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.057289836
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.062183804
wavelet-HHH	glcm	JointAverage	10.59424187
wavelet-HHH	glcm	SumAverage	21.18848374
wavelet-HHH	glcm	JointEntropy	3.570070081
wavelet-HHH	glcm	ClusterShade	-53.74613218
wavelet-HHH	glcm	MaximumProbability	0.120668221
wavelet-HHH	glcm	Idmn	0.935539374
wavelet-HHH	glcm	JointEnergy	0.089625719
wavelet-HHH	glcm	Contrast	19.38575314
wavelet-HHH	glcm	DifferenceEntropy	2.18872707
wavelet-HHH	glcm	InverseVariance	0.305454131
wavelet-HHH	glcm	DifferenceVariance	8.382440671
wavelet-HHH	glcm	Idn	0.842773643
wavelet-HHH	glcm	Idm	0.277913724
wavelet-HHH	glcm	Correlation	-0.060559446
wavelet-HHH	glcm	Autocorrelation	111.7433178
wavelet-HHH	glcm	SumEntropy	2.430740864
wavelet-HHH	glcm	SumSquares	8.868567433
wavelet-HHH	glcm	ClusterProminence	1045.064551
wavelet-HHH	glcm	Imc2	0.986497407
wavelet-HHH	glcm	Imc1	-0.688975119
wavelet-HHH	glcm	DifferenceAverage	3.204123654
wavelet-HHH	glcm	Id	0.364878039
wavelet-HHH	glcm	ClusterTendency	16.0885166
wavelet-HHH	firstorder	InterquartileRange	81.04711654
wavelet-HHH	firstorder	Skewness	-1.422219659
wavelet-HHH	firstorder	Uniformity	0.135734072
wavelet-HHH	firstorder	Median	18.69617023

wavelet-HHH	firstorder	Energy	120267.41
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.05318594
wavelet-HHH	firstorder	MeanAbsoluteDeviation	57.68402379
wavelet-HHH	firstorder	TotalEnergy	3247220.071
wavelet-HHH	firstorder	Maximum	119.4819423
wavelet-HHH	firstorder	RootMeanSquared	79.56044046
wavelet-HHH	firstorder	90Percentile	79.82026383
wavelet-HHH	firstorder	Minimum	-238.614198
wavelet-HHH	firstorder	Entropy	3.010570934
wavelet-HHH	firstorder	Range	358.0961403
wavelet-HHH	firstorder	Variance	6321.618804
wavelet-HHH	firstorder	10Percentile	-57.08803761
wavelet-HHH	firstorder	Kurtosis	5.305063178
wavelet-HHH	firstorder	Mean	2.871390253
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.064099142
wavelet-HHH	grlm	GrayLevelVariance	10.59338927
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.064443978
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.133745385
wavelet-HHH	grlm	RunVariance	0.040186713
wavelet-HHH	grlm	GrayLevelNonUniformity	2.438861104
wavelet-HHH	grlm	LongRunEmphasis	1.131221719
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	118.5297326
wavelet-HHH	grlm	RunLengthNonUniformity	16.81598793
wavelet-HHH	grlm	ShortRunEmphasis	0.96719457
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	135.2821836
wavelet-HHH	grlm	RunPercentage	0.95951417
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.065823323
wavelet-HHH	grlm	RunEntropy	3.111362573
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	121.8802228
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.919626574
wavelet-HHH	glszm	GrayLevelVariance	14.90972222
wavelet-HHH	glszm	ZoneVariance	0.743055556
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.125
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.458333333
wavelet-HHH	glszm	SizeZoneNonUniformity	5.5
wavelet-HHH	glszm	GrayLevelNonUniformity	1.5
wavelet-HHH	glszm	LargeAreaEmphasis	3.25
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	87.21354167
wavelet-HHH	glszm	ZonePercentage	0.631578947
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.115991047
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	361.6666667
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	126.9166667
wavelet-HHH	glszm	SmallAreaEmphasis	0.671875
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.092777432
wavelet-HHH	glszm	ZoneEntropy	3.418295834
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.089867546
wavelet-HHH	ngtdm	Coarseness	0.199016712
wavelet-HHH	ngtdm	Complexity	110.1217572
wavelet-HHH	ngtdm	Strength	10.74263058
wavelet-HHH	ngtdm	Contrast	0.716219218
wavelet-HHH	ngtdm	Busyness	0.086163691
wavelet-HLL	gldm	GrayLevelVariance	35.36842105
wavelet-HLL	gldm	HighGrayLevelEmphasis	260.3684211
wavelet-HLL	gldm	DependenceEntropy	3.576617645
wavelet-HLL	gldm	DependenceNonUniformity	12.68421053
wavelet-HLL	gldm	GrayLevelNonUniformity	1.736842105

wavelet-HLL	gldm	SmallDependenceEmphasis	0.842105263
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	231.5526316
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.667590028
wavelet-HLL	gldm	LargeDependenceEmphasis	1.631578947
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.061638336
wavelet-HLL	gldm	DependenceVariance	0.166204986
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	375.6315789
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.057288651
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.058158588
wavelet-HLL	glcm	JointAverage	14.5454157
wavelet-HLL	glcm	SumAverage	29.09083139
wavelet-HLL	glcm	JointEntropy	3.76922648
wavelet-HLL	glcm	ClusterShade	-25.87790621
wavelet-HLL	glcm	MaximumProbability	0.085808636
wavelet-HLL	glcm	ldmn	0.93056419
wavelet-HLL	glcm	JointEnergy	0.077288116
wavelet-HLL	glcm	Contrast	60.703108
wavelet-HLL	glcm	DifferenceEntropy	2.298446684
wavelet-HLL	glcm	InverseVariance	0.195941988
wavelet-HLL	glcm	DifferenceVariance	18.9647581
wavelet-HLL	glcm	ldn	0.825525013
wavelet-HLL	glcm	ldm	0.13573049
wavelet-HLL	glcm	Correlation	0.048593728
wavelet-HLL	glcm	Autocorrelation	215.0132923
wavelet-HLL	glcm	SumEntropy	2.641436724
wavelet-HLL	glcm	SumSquares	32.94400562
wavelet-HLL	glcm	ClusterProminence	14854.64122
wavelet-HLL	glcm	lmc2	0.997644602
wavelet-HLL	glcm	lmc1	-0.843027788
wavelet-HLL	glcm	DifferenceAverage	6.295238095
wavelet-HLL	glcm	ld	0.22456797
wavelet-HLL	glcm	ClusterTendency	71.07291449
wavelet-HLL	firstorder	InterquartileRange	111.9209674
wavelet-HLL	firstorder	Skewness	-0.262793847
wavelet-HLL	firstorder	Uniformity	0.091412742
wavelet-HLL	firstorder	Median	-42.26422493
wavelet-HLL	firstorder	Energy	444779.3348
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	59.62184989
wavelet-HLL	firstorder	MeanAbsoluteDeviation	106.3680513
wavelet-HLL	firstorder	TotalEnergy	12009042.04
wavelet-HLL	firstorder	Maximum	258.7379929
wavelet-HLL	firstorder	RootMeanSquared	153.0014336
wavelet-HLL	firstorder	90Percentile	96.35295181
wavelet-HLL	firstorder	Minimum	-396.8664995
wavelet-HLL	firstorder	Entropy	3.576617645
wavelet-HLL	firstorder	Range	655.6044924
wavelet-HLL	firstorder	Variance	21947.97478
wavelet-HLL	firstorder	10Percentile	-219.7591252
wavelet-HLL	firstorder	Kurtosis	3.563701983
wavelet-HLL	firstorder	Mean	-38.2290975
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.058573261
wavelet-HLL	glrlm	GrayLevelVariance	35.64816064
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.058608579
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.091594258
wavelet-HLL	glrlm	RunVariance	0.008072175
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.726045884

wavelet-HLL	glrlm	LongRunEmphasis	1.025641026
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	259.8640913
wavelet-HLL	glrlm	RunLengthNonUniformity	18.55555556
wavelet-HLL	glrlm	ShortRunEmphasis	0.993589744
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	265.7134503
wavelet-HLL	glrlm	RunPercentage	0.991902834
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.058749851
wavelet-HLL	glrlm	RunEntropy	3.575973584
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	261.0339631
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.983855651
wavelet-HLL	glszm	GrayLevelVariance	39.20415225
wavelet-HLL	glszm	ZoneVariance	0.103806228
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.093425606
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.792387543
wavelet-HLL	glszm	SizeZoneNonUniformity	13.47058824
wavelet-HLL	glszm	GrayLevelNonUniformity	1.588235294
wavelet-HLL	glszm	LargeAreaEmphasis	1.352941176
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	253.4264706
wavelet-HLL	glszm	ZonePercentage	0.894736842
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.066297151
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	333.9411765
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	269.5294118
wavelet-HLL	glszm	SmallAreaEmphasis	0.911764706
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.064352587
wavelet-HLL	glszm	ZoneEntropy	3.572469459
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.063866445
wavelet-HLL	ngtdm	Coarseness	0.176774386
wavelet-HLL	ngtdm	Complexity	457.1285819
wavelet-HLL	ngtdm	Strength	29.17363613
wavelet-HLL	ngtdm	Contrast	1.807533811
wavelet-HLL	ngtdm	Busyness	0.042855516
wavelet-LHL	gldm	GrayLevelVariance	46.99722992
wavelet-LHL	gldm	HighGrayLevelEmphasis	273.5789474
wavelet-LHL	gldm	DependenceEntropy	3.721611724
wavelet-LHL	gldm	DependenceNonUniformity	9.526315789
wavelet-LHL	gldm	GrayLevelNonUniformity	1.736842105
wavelet-LHL	gldm	SmallDependenceEmphasis	0.605263158
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	123.3421053
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.501385042
wavelet-LHL	gldm	LargeDependenceEmphasis	2.578947368
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.077692475
wavelet-LHL	gldm	DependenceVariance	0.249307479
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	874.5263158
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.07228179
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.073363927
wavelet-LHL	glcm	JointAverage	15.87951493
wavelet-LHL	glcm	SumAverage	31.75902986
wavelet-LHL	glcm	JointEntropy	3.724870836
wavelet-LHL	glcm	ClusterShade	-967.9691576
wavelet-LHL	glcm	MaximumProbability	0.100643801
wavelet-LHL	glcm	ldmn	0.894110111
wavelet-LHL	glcm	JointEnergy	0.079945069
wavelet-LHL	glcm	Contrast	82.43696304
wavelet-LHL	glcm	DifferenceEntropy	2.324255055
wavelet-LHL	glcm	InverseVariance	0.185785771
wavelet-LHL	glcm	DifferenceVariance	29.63714526

wavelet-LHL	glcm	Idn	0.804985557
wavelet-LHL	glcm	Idm	0.164019949
wavelet-LHL	glcm	Correlation	-0.021277028
wavelet-LHL	glcm	Autocorrelation	252.4049728
wavelet-LHL	glcm	SumEntropy	2.43622973
wavelet-LHL	glcm	SumSquares	40.53478317
wavelet-LHL	glcm	ClusterProminence	29736.05158
wavelet-LHL	glcm	Imc2	0.997083421
wavelet-LHL	glcm	Imc1	-0.831277773
wavelet-LHL	glcm	DifferenceAverage	6.653579754
wavelet-LHL	glcm	Id	0.253149004
wavelet-LHL	glcm	ClusterTendency	79.70216964
wavelet-LHL	firstorder	InterquartileRange	190.000185
wavelet-LHL	firstorder	Skewness	-0.900540313
wavelet-LHL	firstorder	Uniformity	0.091412742
wavelet-LHL	firstorder	Median	-75.89897282
wavelet-LHL	firstorder	Energy	899424.1779
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	96.58331384
wavelet-LHL	firstorder	MeanAbsoluteDeviation	139.7150417
wavelet-LHL	firstorder	TotalEnergy	24284452.8
wavelet-LHL	firstorder	Maximum	60.11513303
wavelet-LHL	firstorder	RootMeanSquared	217.5732397
wavelet-LHL	firstorder	90Percentile	49.7529522
wavelet-LHL	firstorder	Minimum	-481.0249289
wavelet-LHL	firstorder	Entropy	3.576617645
wavelet-LHL	firstorder	Range	541.140062
wavelet-LHL	firstorder	Variance	28945.29544
wavelet-LHL	firstorder	10Percentile	-417.7515126
wavelet-LHL	firstorder	Kurtosis	2.481757361
wavelet-LHL	firstorder	Mean	-135.6201283
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.074863027
wavelet-LHL	glrlm	GrayLevelVariance	47.49661667
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.074908194
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.091307512
wavelet-LHL	glrlm	RunVariance	0.020093357
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.700166706
wavelet-LHL	glrlm	LongRunEmphasis	1.06561086
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	265.0606891
wavelet-LHL	glrlm	RunLengthNonUniformity	17.90799397
wavelet-LHL	glrlm	ShortRunEmphasis	0.983597285
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	296.1353497
wavelet-LHL	glrlm	RunPercentage	0.979757085
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.075088863
wavelet-LHL	glrlm	RunEntropy	3.587798017
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	271.2756212
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.959813287
wavelet-LHL	glszm	GrayLevelVariance	53.10714286
wavelet-LHL	glszm	ZoneVariance	0.229591837
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.081632653
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.540816327
wavelet-LHL	glszm	SizeZoneNonUniformity	7.571428571
wavelet-LHL	glszm	GrayLevelNonUniformity	1.142857143
wavelet-LHL	glszm	LargeAreaEmphasis	2.071428571
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	133.4107143
wavelet-LHL	glszm	ZonePercentage	0.736842105
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.101523482

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	643.1428571
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	235.3571429
wavelet-LHL	glszm	SmallAreaEmphasis	0.732142857
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.098586253
wavelet-LHL	glszm	ZoneEntropy	3.807354922
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.097851946
wavelet-LHL	ngtdm	Coarseness	0.135059064
wavelet-LHL	ngtdm	Complexity	617.8252088
wavelet-LHL	ngtdm	Strength	27.66916182
wavelet-LHL	ngtdm	Contrast	3.173410427
wavelet-LHL	ngtdm	Busyness	0.042837756
wavelet-LHH	gldm	GrayLevelVariance	7.163434903
wavelet-LHH	gldm	HighGrayLevelEmphasis	51.84210526
wavelet-LHH	gldm	DependenceEntropy	3.366091329
wavelet-LHH	gldm	DependenceNonUniformity	6.789473684
wavelet-LHH	gldm	GrayLevelNonUniformity	2.157894737
wavelet-LHH	gldm	SmallDependenceEmphasis	0.497076023
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	25.05263158
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.35734072
wavelet-LHH	gldm	LargeDependenceEmphasis	3.947368421
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.148267649
wavelet-LHH	gldm	DependenceVariance	0.55401662
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	224.2631579
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.076966925
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.088194798
wavelet-LHH	glcm	JointAverage	6.662409812
wavelet-LHH	glcm	SumAverage	13.32481962
wavelet-LHH	glcm	JointEntropy	3.650051211
wavelet-LHH	glcm	ClusterShade	-4.875812694
wavelet-LHH	glcm	MaximumProbability	0.120942946
wavelet-LHH	glcm	ldmn	0.892834356
wavelet-LHH	glcm	JointEnergy	0.085854368
wavelet-LHH	glcm	Contrast	17.32617383
wavelet-LHH	glcm	DifferenceEntropy	2.108640001
wavelet-LHH	glcm	InverseVariance	0.255227382
wavelet-LHH	glcm	DifferenceVariance	5.544174559
wavelet-LHH	glcm	ldn	0.787491656
wavelet-LHH	glcm	ldm	0.245015435
wavelet-LHH	glcm	Correlation	-0.251473333
wavelet-LHH	glcm	Autocorrelation	42.86881452
wavelet-LHH	glcm	SumEntropy	2.299881405
wavelet-LHH	glcm	SumSquares	6.880473535
wavelet-LHH	glcm	ClusterProminence	290.9931961
wavelet-LHH	glcm	lmc2	0.992769383
wavelet-LHH	glcm	lmc1	-0.752493363
wavelet-LHH	glcm	DifferenceAverage	3.356132756
wavelet-LHH	glcm	ld	0.338893602
wavelet-LHH	glcm	ClusterTendency	10.19572031
wavelet-LHH	firstorder	InterquartileRange	91.44841137
wavelet-LHH	firstorder	Skewness	-0.340960016
wavelet-LHH	firstorder	Uniformity	0.113573407
wavelet-LHH	firstorder	Median	16.7768505
wavelet-LHH	firstorder	Energy	87923.67276
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	39.29640134
wavelet-LHH	firstorder	MeanAbsoluteDeviation	56.06040286
wavelet-LHH	firstorder	TotalEnergy	2373939.164

wavelet-LHH	firstorder	Maximum	123.3974348
wavelet-LHH	firstorder	RootMeanSquared	68.02618411
wavelet-LHH	firstorder	90Percentile	87.02825919
wavelet-LHH	firstorder	Minimum	-147.5416359
wavelet-LHH	firstorder	Entropy	3.22109725
wavelet-LHH	firstorder	Range	270.9390707
wavelet-LHH	firstorder	Variance	4606.259204
wavelet-LHH	firstorder	10Percentile	-70.7134568
wavelet-LHH	firstorder	Kurtosis	2.614311973
wavelet-LHH	firstorder	Mean	4.615465306
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.089980951
wavelet-LHH	glrlm	GrayLevelVariance	7.310477515
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.090526692
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.113433818
wavelet-LHH	glrlm	RunVariance	0.032201619
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.085443624
wavelet-LHH	glrlm	LongRunEmphasis	1.104072398
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	50.18894049
wavelet-LHH	glrlm	RunLengthNonUniformity	17.2413273
wavelet-LHH	glrlm	ShortRunEmphasis	0.9739819
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	57.58524516
wavelet-LHH	glrlm	RunPercentage	0.967611336
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.092709654
wavelet-LHH	glrlm	RunEntropy	3.266070339
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	51.66820142
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.935596763
wavelet-LHH	glszm	GrayLevelVariance	9.909722222
wavelet-LHH	glszm	ZoneVariance	0.576388889
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.111111111
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.430555556
wavelet-LHH	glszm	SizeZoneNonUniformity	5.166666667
wavelet-LHH	glszm	GrayLevelNonUniformity	1.333333333
wavelet-LHH	glszm	LargeAreaEmphasis	3.083333333
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	33.79166667
wavelet-LHH	glszm	ZonePercentage	0.631578947
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.172375686
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	163.5833333
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	51.08333333
wavelet-LHH	glszm	SmallAreaEmphasis	0.664351852
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.126618424
wavelet-LHH	glszm	ZoneEntropy	3.251629167
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.118894243
wavelet-LHH	ngtdm	Coarseness	0.188684999
wavelet-LHH	ngtdm	Complexity	105.4179526
wavelet-LHH	ngtdm	Strength	6.469229619
wavelet-LHH	ngtdm	Contrast	0.448649217
wavelet-LHH	ngtdm	Busyness	0.116817784
wavelet-LLH	gldm	GrayLevelVariance	72.84764543
wavelet-LLH	gldm	HighGrayLevelEmphasis	179.2631579
wavelet-LLH	gldm	DependenceEntropy	3.616348566
wavelet-LLH	gldm	DependenceNonUniformity	8.684210526
wavelet-LLH	gldm	GrayLevelNonUniformity	1.842105263
wavelet-LLH	gldm	SmallDependenceEmphasis	0.558479532
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	146.6637427
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.457063712
wavelet-LLH	gldm	LargeDependenceEmphasis	3



wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.108670949
wavelet-LLH	gldm	DependenceVariance	0.337950139
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	324.6315789
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.061229843
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.06998707
wavelet-LLH	glcm	JointAverage	9.37004662
wavelet-LLH	glcm	SumAverage	18.74009324
wavelet-LLH	glcm	JointEntropy	3.693824105
wavelet-LLH	glcm	ClusterShade	1142.213886
wavelet-LLH	glcm	MaximumProbability	0.104551005
wavelet-LLH	glcm	ldmn	0.968521739
wavelet-LLH	glcm	JointEnergy	0.081666988
wavelet-LLH	glcm	Contrast	80.22455322
wavelet-LLH	glcm	DifferenceEntropy	2.294832328
wavelet-LLH	glcm	InverseVariance	0.194646498
wavelet-LLH	glcm	DifferenceVariance	43.82895721
wavelet-LLH	glcm	ldn	0.894628867
wavelet-LLH	glcm	ldm	0.168343231
wavelet-LLH	glcm	Correlation	-0.273128701
wavelet-LLH	glcm	Autocorrelation	84.41990787
wavelet-LLH	glcm	SumEntropy	2.444834476
wavelet-LLH	glcm	SumSquares	35.87831978
wavelet-LLH	glcm	ClusterProminence	40573.29311
wavelet-LLH	glcm	lmc2	0.994147533
wavelet-LLH	glcm	lmc1	-0.768023395
wavelet-LLH	glcm	DifferenceAverage	5.749173049
wavelet-LLH	glcm	ld	0.263667621
wavelet-LLH	glcm	ClusterTendency	63.28872591
wavelet-LLH	firstorder	InterquartileRange	160.2698691
wavelet-LLH	firstorder	Skewness	2.813452063
wavelet-LLH	firstorder	Uniformity	0.096952909
wavelet-LLH	firstorder	Median	-200.4811943
wavelet-LLH	firstorder	Energy	1307523.233
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	55.93788585
wavelet-LLH	firstorder	MeanAbsoluteDeviation	127.4130432
wavelet-LLH	firstorder	TotalEnergy	35303127.28
wavelet-LLH	firstorder	Maximum	654.9032972
wavelet-LLH	firstorder	RootMeanSquared	262.3299682
wavelet-LLH	firstorder	90Percentile	-59.30166146
wavelet-LLH	firstorder	Minimum	-395.1708138
wavelet-LLH	firstorder	Entropy	3.471354487
wavelet-LLH	firstorder	Range	1050.074111
wavelet-LLH	firstorder	Variance	44957.89013
wavelet-LLH	firstorder	10Percentile	-296.7056859
wavelet-LLH	firstorder	Kurtosis	11.31990209
wavelet-LLH	firstorder	Mean	-154.4639832
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.071021748
wavelet-LLH	glrlm	GrayLevelVariance	74.5177691
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.071369239
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.097124806
wavelet-LLH	glrlm	RunVariance	0.033442397
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.800944669
wavelet-LLH	glrlm	LongRunEmphasis	1.091346154
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	180.8564651
wavelet-LLH	glrlm	RunLengthNonUniformity	17.82371795
wavelet-LLH	glrlm	ShortRunEmphasis	0.982505342

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	188.7377418
wavelet-LLH	glrlm	RunPercentage	0.975708502
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.07309307
wavelet-LLH	glrlm	RunEntropy	3.47124237
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	182.1592161
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.958355591
wavelet-LLH	glszm	GrayLevelVariance	100.3668639
wavelet-LLH	glszm	ZoneVariance	0.402366864
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.088757396
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.479289941
wavelet-LLH	glszm	SizeZoneNonUniformity	6.230769231
wavelet-LLH	glszm	GrayLevelNonUniformity	1.153846154
wavelet-LLH	glszm	LargeAreaEmphasis	2.538461538
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	205.9123932
wavelet-LLH	glszm	ZonePercentage	0.684210526
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.122737351
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	339.3846154
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	228.2307692
wavelet-LLH	glszm	SmallAreaEmphasis	0.700854701
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.093266439
wavelet-LLH	glszm	ZoneEntropy	3.546593564
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.087234181
wavelet-LLH	ngtdm	Coarseness	0.13926128
wavelet-LLH	ngtdm	Complexity	918.9056631
wavelet-LLH	ngtdm	Strength	42.81649011
wavelet-LLH	ngtdm	Contrast	5.939662825
wavelet-LLH	ngtdm	Busyness	0.077696008
wavelet-LLL	gldm	GrayLevelVariance	172.1108033
wavelet-LLL	gldm	HighGrayLevelEmphasis	1152.789474
wavelet-LLL	gldm	DependenceEntropy	3.93213804
wavelet-LLL	gldm	DependenceNonUniformity	15.42105263
wavelet-LLL	gldm	GrayLevelNonUniformity	1.315789474
wavelet-LLL	gldm	SmallDependenceEmphasis	0.921052632
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1066.815789
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.811634349
wavelet-LLL	gldm	LargeDependenceEmphasis	1.315789474
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.05447622
wavelet-LLL	gldm	DependenceVariance	0.094182825
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1496.684211
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.054113744
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.054186239
wavelet-LLL	glcm	JointAverage	33.14558497
wavelet-LLL	glcm	SumAverage	66.29116994
wavelet-LLL	glcm	JointEntropy	3.762666374
wavelet-LLL	glcm	ClusterShade	-3686.603186
wavelet-LLL	glcm	MaximumProbability	0.085242535
wavelet-LLL	glcm	ldmn	0.899152984
wavelet-LLL	glcm	JointEnergy	0.077456036
wavelet-LLL	glcm	Contrast	327.5200633
wavelet-LLL	glcm	DifferenceEntropy	2.502458392
wavelet-LLL	glcm	InverseVariance	0.064394793
wavelet-LLL	glcm	DifferenceVariance	84.38312852
wavelet-LLL	glcm	ldn	0.788055183
wavelet-LLL	glcm	ldm	0.050241288
wavelet-LLL	glcm	Correlation	-0.030775507
wavelet-LLL	glcm	Autocorrelation	1094.541536

wavelet-LLL	glcm	SumEntropy	2.651610763
wavelet-LLL	glcm	SumSquares	157.7305303
wavelet-LLL	glcm	ClusterProminence	284349.3951
wavelet-LLL	glcm	Imc2	0.998694293
wavelet-LLL	glcm	Imc1	-0.903514949
wavelet-LLL	glcm	DifferenceAverage	14.92411477
wavelet-LLL	glcm	Id	0.117591749
wavelet-LLL	glcm	ClusterTendency	303.4020578
wavelet-LLL	firstorder	InterquartileRange	461.9295031
wavelet-LLL	firstorder	Skewness	-0.514814709
wavelet-LLL	firstorder	Uniformity	0.069252078
wavelet-LLL	firstorder	Median	-353.1322204
wavelet-LLL	firstorder	Energy	5196742.973
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	196.2427568
wavelet-LLL	firstorder	MeanAbsoluteDeviation	273.7263504
wavelet-LLL	firstorder	TotalEnergy	140312060.3
wavelet-LLL	firstorder	Maximum	60.47465718
wavelet-LLL	firstorder	RootMeanSquared	522.9845008
wavelet-LLL	firstorder	90Percentile	-0.764642069
wavelet-LLL	firstorder	Minimum	-1162.216667
wavelet-LLL	firstorder	Entropy	3.93213804
wavelet-LLL	firstorder	Range	1222.691324
wavelet-LLL	firstorder	Variance	107903.2342
wavelet-LLL	firstorder	10Percentile	-784.3729707
wavelet-LLL	firstorder	Kurtosis	2.54860754
wavelet-LLL	firstorder	Mean	-406.9515375
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.054410937
wavelet-LLL	glrlm	GrayLevelVariance	172.8335241
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.05441388
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.069148167
wavelet-LLL	glrlm	RunVariance	0.004036087
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.308591993
wavelet-LLL	glrlm	LongRunEmphasis	1.012820513
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1149.571694
wavelet-LLL	glrlm	RunLengthNonUniformity	18.77777778
wavelet-LLL	glrlm	ShortRunEmphasis	0.996794872
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1167.023617
wavelet-LLL	glrlm	RunPercentage	0.995951417
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.054425653
wavelet-LLL	glrlm	RunEntropy	3.933335327
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1153.062078
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.991927825
wavelet-LLL	glszm	GrayLevelVariance	181.5061728
wavelet-LLL	glszm	ZoneVariance	0.052469136
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.067901235
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.895061728
wavelet-LLL	glszm	SizeZoneNonUniformity	16.11111111
wavelet-LLL	glszm	GrayLevelNonUniformity	1.222222222
wavelet-LLL	glszm	LargeAreaEmphasis	1.166666667
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1110.958333
wavelet-LLL	glszm	ZonePercentage	0.947368421
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.057298616
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1337.833333
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1156.333333
wavelet-LLL	glszm	SmallAreaEmphasis	0.958333333
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.05714557

wavelet-LLL	glszm	ZoneEntropy	3.947702779
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.057107309
wavelet-LLL	ngtdm	Coarseness	0.07880524
wavelet-LLL	ngtdm	Complexity	3105.069506
wavelet-LLL	ngtdm	Strength	56.82764246
wavelet-LLL	ngtdm	Contrast	15.87102709
wavelet-LLL	ngtdm	Busyness	0.045268629
wavelet-HHL	gldm	GrayLevelVariance	8.847645429
wavelet-HHL	gldm	HighGrayLevelEmphasis	27.47368421
wavelet-HHL	gldm	DependenceEntropy	3.576617645
wavelet-HHL	gldm	DependenceNonUniformity	6.789473684
wavelet-HHL	gldm	GrayLevelNonUniformity	2.578947368
wavelet-HHL	gldm	SmallDependenceEmphasis	0.497076023
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	22.64912281
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.35734072
wavelet-HHL	gldm	LargeDependenceEmphasis	3.947368421
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	1.690229816
wavelet-HHL	gldm	DependenceVariance	0.55401662
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	49.57894737
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.051734851
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.233884786
wavelet-HHL	glcm	JointAverage	4.067177267
wavelet-HHL	glcm	SumAverage	8.134354534
wavelet-HHL	glcm	JointEntropy	3.590954752
wavelet-HHL	glcm	ClusterShade	65.15070619
wavelet-HHL	glcm	MaximumProbability	0.127658453
wavelet-HHL	glcm	ldmn	0.916202855
wavelet-HHL	glcm	JointEnergy	0.090981798
wavelet-HHL	glcm	Contrast	16.36409146
wavelet-HHL	glcm	DifferenceEntropy	2.124989036
wavelet-HHL	glcm	InverseVariance	0.316549988
wavelet-HHL	glcm	DifferenceVariance	6.537367768
wavelet-HHL	glcm	ldn	0.818266626
wavelet-HHL	glcm	ldm	0.276647522
wavelet-HHL	glcm	Correlation	0.045960595
wavelet-HHL	glcm	Autocorrelation	17.12515818
wavelet-HHL	glcm	SumEntropy	2.46781035
wavelet-HHL	glcm	SumSquares	8.638464862
wavelet-HHL	glcm	ClusterProminence	1038.607114
wavelet-HHL	glcm	lmc2	0.977668862
wavelet-HHL	glcm	lmc1	-0.656307177
wavelet-HHL	glcm	DifferenceAverage	3.058086358
wavelet-HHL	glcm	ld	0.36395226
wavelet-HHL	glcm	ClusterTendency	18.18976798
wavelet-HHL	firstorder	InterquartileRange	78.14842265
wavelet-HHL	firstorder	Skewness	1.126175454
wavelet-HHL	firstorder	Uniformity	0.135734072
wavelet-HHL	firstorder	Median	3.561133683
wavelet-HHL	firstorder	Energy	116197.6693
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	38.11952145
wavelet-HHL	firstorder	MeanAbsoluteDeviation	59.32763408
wavelet-HHL	firstorder	TotalEnergy	3137337.072
wavelet-HHL	firstorder	Maximum	211.566385
wavelet-HHL	firstorder	RootMeanSquared	78.20272889
wavelet-HHL	firstorder	90Percentile	128.8423871
wavelet-HHL	firstorder	Minimum	-68.50943329

wavelet-HHL	firstorder	Entropy	2.996641329
wavelet-HHL	firstorder	Range	280.0758183
wavelet-HHL	firstorder	Variance	5673.555963
wavelet-HHL	firstorder	10Percentile	-55.31146655
wavelet-HHL	firstorder	Kurtosis	3.441563497
wavelet-HHL	firstorder	Mean	21.02643202
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.214806887
wavelet-HHL	glrlm	GrayLevelVariance	8.961415863
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.226460408
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.13570518
wavelet-HHL	glrlm	RunVariance	0.032201619
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.494959117
wavelet-HHL	glrlm	LongRunEmphasis	1.104072398
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	27.92174063
wavelet-HHL	glrlm	RunLengthNonUniformity	17.2413273
wavelet-HHL	glrlm	ShortRunEmphasis	0.9739819
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	29.00394274
wavelet-HHL	glrlm	RunPercentage	0.967611336
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.273074494
wavelet-HHL	glrlm	RunEntropy	3.069839463
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	28.13818105
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.935596763
wavelet-HHL	glszm	GrayLevelVariance	10.52083333
wavelet-HHL	glszm	ZoneVariance	0.576388889
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.125
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.430555556
wavelet-HHL	glszm	SizeZoneNonUniformity	5.166666667
wavelet-HHL	glszm	GrayLevelNonUniformity	1.5
wavelet-HHL	glszm	LargeAreaEmphasis	3.083333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	34.53009259
wavelet-HHL	glszm	ZonePercentage	0.631578947
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.984623134
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	56
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	38.08333333
wavelet-HHL	glszm	SmallAreaEmphasis	0.664351852
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.155757393
wavelet-HHL	glszm	ZoneEntropy	3.584962501
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.051421616
wavelet-HHL	ngtdm	Coarseness	0.226094407
wavelet-HHL	ngtdm	Complexity	82.48844387
wavelet-HHL	ngtdm	Strength	10.24388692
wavelet-HHL	ngtdm	Contrast	0.531405465
wavelet-HHL	ngtdm	Busyness	0.269345167
wavelet-HLH	gldm	GrayLevelVariance	14.45429363
wavelet-HLH	gldm	HighGrayLevelEmphasis	43.84210526
wavelet-HLH	gldm	DependenceEntropy	3.471354487
wavelet-HLH	gldm	DependenceNonUniformity	7.210526316
wavelet-HLH	gldm	GrayLevelNonUniformity	2.684210526
wavelet-HLH	gldm	SmallDependenceEmphasis	0.543859649
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	36.4122807
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.379501385
wavelet-HLH	gldm	LargeDependenceEmphasis	3.526315789
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.596905071
wavelet-HLH	gldm	DependenceVariance	0.509695291
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	76.36842105
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.079638691

wavelet-HLH	gldm	LowGrayLevelEmphasis	0.148004248
wavelet-HLH	glcm	JointAverage	5.226101676
wavelet-HLH	glcm	SumAverage	10.45220335
wavelet-HLH	glcm	JointEntropy	3.584944096
wavelet-HLH	glcm	ClusterShade	71.16226383
wavelet-HLH	glcm	MaximumProbability	0.135625486
wavelet-HLH	glcm	ldmn	0.887518077
wavelet-HLH	glcm	JointEnergy	0.094036296
wavelet-HLH	glcm	Contrast	26.78184038
wavelet-HLH	glcm	DifferenceEntropy	2.105733441
wavelet-HLH	glcm	InverseVariance	0.247936099
wavelet-HLH	glcm	DifferenceVariance	9.550405074
wavelet-HLH	glcm	ldn	0.786160848
wavelet-HLH	glcm	ldm	0.21234798
wavelet-HLH	glcm	Correlation	-0.074994291
wavelet-HLH	glcm	Autocorrelation	27.00841936
wavelet-HLH	glcm	SumEntropy	2.394848456
wavelet-HLH	glcm	SumSquares	12.75812025
wavelet-HLH	glcm	ClusterProminence	1600.515193
wavelet-HLH	glcm	lmc2	0.989508664
wavelet-HLH	glcm	lmc1	-0.724758316
wavelet-HLH	glcm	DifferenceAverage	4.064923965
wavelet-HLH	glcm	ld	0.305516702
wavelet-HLH	glcm	ClusterTendency	24.25064062
wavelet-HLH	firstorder	InterquartileRange	138.831382
wavelet-HLH	firstorder	Skewness	0.727481688
wavelet-HLH	firstorder	Uniformity	0.141274238
wavelet-HLH	firstorder	Median	-34.55693841
wavelet-HLH	firstorder	Energy	171939.9837
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	65.08095228
wavelet-HLH	firstorder	MeanAbsoluteDeviation	82.40368112
wavelet-HLH	firstorder	TotalEnergy	4642379.56
wavelet-HLH	firstorder	Maximum	190.2238424
wavelet-HLH	firstorder	RootMeanSquared	95.12871715
wavelet-HLH	firstorder	90Percentile	154.1217476
wavelet-HLH	firstorder	Minimum	-110.8412944
wavelet-HLH	firstorder	Entropy	3.070847094
wavelet-HLH	firstorder	Range	301.0651368
wavelet-HLH	firstorder	Variance	9044.961901
wavelet-HLH	firstorder	10Percentile	-90.22029918
wavelet-HLH	firstorder	Kurtosis	2.135776343
wavelet-HLH	firstorder	Mean	-2.123893895
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.143572651
wavelet-HLH	glrlm	GrayLevelVariance	14.6463621
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.147433179
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.138563436
wavelet-HLH	glrlm	RunVariance	0.028078451
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.560318594
wavelet-HLH	glrlm	LongRunEmphasis	1.092760181
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	44.42124778
wavelet-HLH	glrlm	RunLengthNonUniformity	17.4826546
wavelet-HLH	glrlm	ShortRunEmphasis	0.976809955
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	46.0850864
wavelet-HLH	glrlm	RunPercentage	0.971659919
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.162875287
wavelet-HLH	glrlm	RunEntropy	3.150805419

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	44.75401551
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.943843098
wavelet-HLH	glszm	GrayLevelVariance	16.98224852
wavelet-HLH	glszm	ZoneVariance	0.402366864
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.112426036
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.479289941
wavelet-HLH	glszm	SizeZoneNonUniformity	6.230769231
wavelet-HLH	glszm	GrayLevelNonUniformity	1.461538462
wavelet-HLH	glszm	LargeAreaEmphasis	2.538461538
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	51.47649573
wavelet-HLH	glszm	ZonePercentage	0.684210526
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.396547635
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	79.30769231
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	56.76923077
wavelet-HLH	glszm	SmallAreaEmphasis	0.700854701
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.145427803
wavelet-HLH	glszm	ZoneEntropy	3.546593564
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.104015366
wavelet-HLH	ngtdm	Coarseness	0.110287475
wavelet-HLH	ngtdm	Complexity	185.5971382
wavelet-HLH	ngtdm	Strength	10.21283245
wavelet-HLH	ngtdm	Contrast	1.041812345
wavelet-HLH	ngtdm	Busyness	0.282421381

Image type	Feature Class	Feature Name	
general	info	BoundingBox	4: RTSTRUCT: C99-DNU_segment_ITV (0, 1, 1, 7, 6, 15)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	a3dd8b75e538c3806eb22051287f3de22e6 e57f7
general	info	ImageHash	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	ImageSpacing	137a80e6dcc20888afb4cf6c4703a7c8b99e a9aa
general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	80
original	shape	Maximum3DDiameter	44.69899328
original	shape	Maximum2DDiameterSlice	13.41640786
original	shape	Sphericity	0.60890928
original	shape	MinorAxis	13.11607348
original	shape	Elongation	0.283684812
original	shape	SurfaceVolumeRatio	0.614393975
original	shape	Volume	2160
original	shape	MajorAxis	46.23466931
original	shape	SurfaceArea	1327.090985
original	shape	Flatness	0.228136557
original	shape	LeastAxis	10.54781829
original	shape	Maximum2DDiameterColumn	28.46049894
original	shape	Maximum2DDiameterRow	44.59820624
original	gldm	GrayLevelVariance	153.1560938
original	gldm	HighGrayLevelEmphasis	790.0875
original	gldm	DependenceEntropy	5.245191026
original	gldm	DependenceNonUniformity	43.975
original	gldm	GrayLevelNonUniformity	2.775
original	gldm	SmallDependenceEmphasis	0.760416667
original	gldm	SmallDependenceHighGrayLevelEmphasis	565.6979167
original	gldm	DependenceNonUniformityNormalized	0.5496875
original	gldm	LargeDependenceEmphasis	2.125
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.031999392
original	gldm	DependenceVariance	0.3025



original	gldm	LargeDependenceHighGrayLevelEmphasis	1967.8125
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.015899541
original	gldm	LowGrayLevelEmphasis	0.019099682
original	glcm	JointAverage	25.81411597
original	glcm	SumAverage	51.62823193
original	glcm	JointEntropy	5.858171973
original	glcm	ClusterShade	-398.384314
original	glcm	MaximumProbability	0.030727493
original	glcm	ldmn	0.952177642
original	glcm	JointEnergy	0.018273415
original	glcm	Contrast	222.9597218
original	glcm	DifferenceEntropy	4.048414288
original	glcm	InverseVariance	0.066074976
original	glcm	DifferenceVariance	74.71578919
original	glcm	ldn	0.851537987
original	glcm	ldm	0.075174118
original	glcm	Correlation	0.197578451
original	glcm	Autocorrelation	694.8298678
original	glcm	SumEntropy	4.50630159
original	glcm	SumSquares	138.8716556
original	glcm	ClusterProminence	280107.1181
original	glcm	lmc2	0.999424462
original	glcm	lmc1	-0.739491428
original	glcm	DifferenceAverage	12.09344292
original	glcm	ld	0.151153001
original	glcm	ClusterTendency	332.5269005
original	firstorder	InterquartileRange	493.25
original	firstorder	Skewness	0.178684315
original	firstorder	Uniformity	0.0346875
original	firstorder	Median	-351
original	firstorder	Energy	17885547
original	firstorder	RobustMeanAbsoluteDeviation	197.6699219
original	firstorder	MeanAbsoluteDeviation	258.0221875
original	firstorder	TotalEnergy	482909769
original	firstorder	Maximum	615
original	firstorder	RootMeanSquared	472.8311935
original	firstorder	90Percentile	29.1
original	firstorder	Minimum	-953
original	firstorder	Entropy	5.001641733
original	firstorder	Range	1568
original	firstorder	Variance	95843.51234
original	firstorder	10Percentile	-749.7
original	firstorder	Kurtosis	2.740521214
original	firstorder	Mean	-357.3875
original	glrlm	ShortRunLowGrayLevelEmphasis	0.019068503
original	glrlm	GrayLevelVariance	152.4351949
original	glrlm	LowGrayLevelRunEmphasis	0.019195118
original	glrlm	GrayLevelNonUniformityNormalized	0.034646661
original	glrlm	RunVariance	0.013447431
original	glrlm	GrayLevelNonUniformity	2.734403757
original	glrlm	LongRunEmphasis	1.041506846
original	glrlm	ShortRunHighGrayLevelEmphasis	776.8107783

original	glrlm	RunLengthNonUniformity	76.82908304
original	glrlm	ShortRunEmphasis	0.989623289
original	glrlm	LongRunHighGrayLevelEmphasis	828.6852104
original	glrlm	RunPercentage	0.986538462
original	glrlm	LongRunLowGrayLevelEmphasis	0.019701578
original	glrlm	RunEntropy	5.026172103
original	glrlm	HighGrayLevelRunEmphasis	787.1856647
original	glrlm	RunLengthNonUniformityNormalized	0.973105138
original	glszm	GrayLevelVariance	143.8578748
original	glszm	ZoneVariance	0.186233014
original	glszm	GrayLevelNonUniformityNormalized	0.034528848
original	glszm	SizeZoneNonUniformityNormalized	0.701047004
original	glszm	SizeZoneNonUniformity	46.97014925
original	glszm	GrayLevelNonUniformity	2.313432836
original	glszm	LargeAreaEmphasis	1.611940299
original	glszm	SmallAreaHighGrayLevelEmphasis	636.3810116
original	glszm	ZonePercentage	0.8375
original	glszm	LargeAreaLowGrayLevelEmphasis	0.027922046
original	glszm	LargeAreaHighGrayLevelEmphasis	1361.955224
original	glszm	HighGrayLevelZoneEmphasis	759.1940299
original	glszm	SmallAreaEmphasis	0.863598673
original	glszm	LowGrayLevelZoneEmphasis	0.020256242
original	glszm	ZoneEntropy	5.209610415
original	glszm	SmallAreaLowGrayLevelEmphasis	0.018349656
original	ngtdm	Coarseness	0.041000662
original	ngtdm	Complexity	5869.81821
original	ngtdm	Strength	33.68424807
original	ngtdm	Contrast	2.227971643
original	ngtdm	Busyness	0.033471507
wavelet-HHH	gldm	GrayLevelVariance	40.724375
wavelet-HHH	gldm	HighGrayLevelEmphasis	897.75
wavelet-HHH	gldm	DependenceEntropy	4.841882745
wavelet-HHH	gldm	DependenceNonUniformity	33.9
wavelet-HHH	gldm	GrayLevelNonUniformity	6.075
wavelet-HHH	gldm	SmallDependenceEmphasis	0.656944444
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	591.6381944
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.42375
wavelet-HHH	gldm	LargeDependenceEmphasis	3.15
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.016443694
wavelet-HHH	gldm	DependenceVariance	0.59
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2807.975
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013548651
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013945653
wavelet-HHH	glcm	JointAverage	29.47224697
wavelet-HHH	glcm	SumAverage	58.94449395
wavelet-HHH	glcm	JointEntropy	5.62575843
wavelet-HHH	glcm	ClusterShade	-419.5528854
wavelet-HHH	glcm	MaximumProbability	0.041218008
wavelet-HHH	glcm	ldmn	0.980175012
wavelet-HHH	glcm	JointEnergy	0.022258742
wavelet-HHH	glcm	Contrast	63.25672953
wavelet-HHH	glcm	DifferenceEntropy	3.391310432

wavelet-HHH	glcm	InverseVariance	0.200284782
wavelet-HHH	glcm	DifferenceVariance	31.28101598
wavelet-HHH	glcm	Idn	0.910773164
wavelet-HHH	glcm	Idm	0.177567255
wavelet-HHH	glcm	Correlation	-0.08058241
wavelet-HHH	glcm	Autocorrelation	866.842281
wavelet-HHH	glcm	SumEntropy	3.845982385
wavelet-HHH	glcm	SumSquares	29.55617292
wavelet-HHH	glcm	ClusterProminence	28531.27483
wavelet-HHH	glcm	Imc2	0.986432944
wavelet-HHH	glcm	Imc1	-0.49439665
wavelet-HHH	glcm	DifferenceAverage	5.54423314
wavelet-HHH	glcm	Id	0.269408426
wavelet-HHH	glcm	ClusterTendency	54.96796214
wavelet-HHH	firstorder	InterquartileRange	142.6107848
wavelet-HHH	firstorder	Skewness	-1.048720209
wavelet-HHH	firstorder	Uniformity	0.0759375
wavelet-HHH	firstorder	Median	-15.96943222
wavelet-HHH	firstorder	Energy	2067719.54
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	61.2090332
wavelet-HHH	firstorder	MeanAbsoluteDeviation	104.0495826
wavelet-HHH	firstorder	TotalEnergy	55828427.58
wavelet-HHH	firstorder	Maximum	554.3859859
wavelet-HHH	firstorder	RootMeanSquared	160.7684492
wavelet-HHH	firstorder	90Percentile	123.6131687
wavelet-HHH	firstorder	Minimum	-722.8156954
wavelet-HHH	firstorder	Entropy	3.958206219
wavelet-HHH	firstorder	Range	1277.201681
wavelet-HHH	firstorder	Variance	25809.16586
wavelet-HHH	firstorder	10Percentile	-117.3215676
wavelet-HHH	firstorder	Kurtosis	9.600523214
wavelet-HHH	firstorder	Mean	-6.10969628
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014229831
wavelet-HHH	glrlm	GrayLevelVariance	41.51554753
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.014250575
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.075235641
wavelet-HHH	glrlm	RunVariance	0.023049818
wavelet-HHH	glrlm	GrayLevelNonUniformity	5.880263626
wavelet-HHH	glrlm	LongRunEmphasis	1.071544814
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	882.0039255
wavelet-HHH	glrlm	RunLengthNonUniformity	74.58495416
wavelet-HHH	glrlm	ShortRunEmphasis	0.982113797
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	961.6236254
wavelet-HHH	glrlm	RunPercentage	0.976923077
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.014333549
wavelet-HHH	glrlm	RunEntropy	4.059757547
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	897.9278655
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.953900364
wavelet-HHH	glszm	GrayLevelVariance	52.28784832
wavelet-HHH	glszm	ZoneVariance	0.602125826
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.068083884
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.629416834

wavelet-HHH	glszm	SizeZoneNonUniformity	37.13559322
wavelet-HHH	glszm	GrayLevelNonUniformity	4.016949153
wavelet-HHH	glszm	LargeAreaEmphasis	2.440677966
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	736.3308098
wavelet-HHH	glszm	ZonePercentage	0.7375
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.020097647
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2243.59322
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	894.2711864
wavelet-HHH	glszm	SmallAreaEmphasis	0.819416196
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.018503864
wavelet-HHH	glszm	ZoneEntropy	4.706641728
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018291177
wavelet-HHH	ngtdm	Coarseness	0.049779342
wavelet-HHH	ngtdm	Complexity	1340.316873
wavelet-HHH	ngtdm	Strength	18.02197015
wavelet-HHH	ngtdm	Contrast	0.947314974
wavelet-HHH	ngtdm	Busyness	0.036897152
wavelet-HLL	gldm	GrayLevelVariance	73.71234375
wavelet-HLL	gldm	HighGrayLevelEmphasis	858.4125
wavelet-HLL	gldm	DependenceEntropy	5.178378802
wavelet-HLL	gldm	DependenceNonUniformity	37.7
wavelet-HLL	gldm	GrayLevelNonUniformity	3.875
wavelet-HLL	gldm	SmallDependenceEmphasis	0.689583333
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	580.2520833
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.47125
wavelet-HLL	gldm	LargeDependenceEmphasis	2.575
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.016943259
wavelet-HLL	gldm	DependenceVariance	0.399375
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2254.3875
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014583667
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014973723
wavelet-HLL	glcm	JointAverage	28.18024193
wavelet-HLL	glcm	SumAverage	56.36048386
wavelet-HLL	glcm	JointEntropy	5.775632037
wavelet-HLL	glcm	ClusterShade	-1556.899995
wavelet-HLL	glcm	MaximumProbability	0.03490667
wavelet-HLL	glcm	ldmn	0.945508516
wavelet-HLL	glcm	JointEnergy	0.019765639
wavelet-HLL	glcm	Contrast	137.4464926
wavelet-HLL	glcm	DifferenceEntropy	3.670256238
wavelet-HLL	glcm	InverseVariance	0.148804543
wavelet-HLL	glcm	DifferenceVariance	59.21585879
wavelet-HLL	glcm	ldn	0.856046696
wavelet-HLL	glcm	ldm	0.135094323
wavelet-HLL	glcm	Correlation	0.108313511
wavelet-HLL	glcm	Autocorrelation	802.67637
wavelet-HLL	glcm	SumEntropy	4.261735515
wavelet-HLL	glcm	SumSquares	76.81202177
wavelet-HLL	glcm	ClusterProminence	114267.1592
wavelet-HLL	glcm	lmc2	0.998556552
wavelet-HLL	glcm	lmc1	-0.690166703
wavelet-HLL	glcm	DifferenceAverage	8.578493696

wavelet-HLL	glcm	Id	0.21806719
wavelet-HLL	glcm	ClusterTendency	169.8015945
wavelet-HLL	firstorder	InterquartileRange	213.2481605
wavelet-HLL	firstorder	Skewness	-0.686340923
wavelet-HLL	firstorder	Uniformity	0.0484375
wavelet-HLL	firstorder	Median	11.39430057
wavelet-HLL	firstorder	Energy	3705868.038
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	107.2485599
wavelet-HLL	firstorder	MeanAbsoluteDeviation	162.0370395
wavelet-HLL	firstorder	TotalEnergy	100058437
wavelet-HLL	firstorder	Maximum	439.2871968
wavelet-HLL	firstorder	RootMeanSquared	215.2286005
wavelet-HLL	firstorder	90Percentile	260.9638783
wavelet-HLL	firstorder	Minimum	-658.9825792
wavelet-HLL	firstorder	Entropy	4.613662903
wavelet-HLL	firstorder	Range	1098.269776
wavelet-HLL	firstorder	Variance	46166.73567
wavelet-HLL	firstorder	10Percentile	-273.5448547
wavelet-HLL	firstorder	Kurtosis	3.7908054
wavelet-HLL	firstorder	Mean	12.51458349
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015215396
wavelet-HLL	glrlm	GrayLevelVariance	74.59785447
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015233179
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.04818478
wavelet-HLL	glrlm	RunVariance	0.018238921
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.784383797
wavelet-HLL	glrlm	LongRunEmphasis	1.056732751
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	845.1935486
wavelet-HLL	glrlm	RunLengthNonUniformity	75.71805442
wavelet-HLL	glrlm	ShortRunEmphasis	0.985816812
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	908.3056607
wavelet-HLL	glrlm	RunPercentage	0.981730769
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.015304311
wavelet-HLL	glrlm	RunEntropy	4.669670926
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	857.815971
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.963522158
wavelet-HLL	glszm	GrayLevelVariance	85.75963719
wavelet-HLL	glszm	ZoneVariance	0.260519022
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.046107332
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.624086672
wavelet-HLL	glszm	SizeZoneNonUniformity	39.31746032
wavelet-HLL	glszm	GrayLevelNonUniformity	2.904761905
wavelet-HLL	glszm	LargeAreaEmphasis	1.873015873
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	683.9545855
wavelet-HLL	glszm	ZonePercentage	0.7875
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019769954
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1626.968254
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	848.5714286
wavelet-HLL	glszm	SmallAreaEmphasis	0.8170194
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018675382
wavelet-HLL	glszm	ZoneEntropy	5.120547091
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.018445053

wavelet-HLL	ngtdm	Coarseness	0.055980623
wavelet-HLL	ngtdm	Complexity	2378.595796
wavelet-HLL	ngtdm	Strength	26.81395533
wavelet-HLL	ngtdm	Contrast	0.946021492
wavelet-HLL	ngtdm	Busyness	0.024164935
wavelet-LHL	gldm	GrayLevelVariance	448.374375
wavelet-LHL	gldm	HighGrayLevelEmphasis	3476.125
wavelet-LHL	gldm	DependenceEntropy	5.543619814
wavelet-LHL	gldm	DependenceNonUniformity	51.3
wavelet-LHL	gldm	GrayLevelNonUniformity	2.375
wavelet-LHL	gldm	SmallDependenceEmphasis	0.827777778
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	2847.234028
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.64125
wavelet-LHL	gldm	LargeDependenceEmphasis	1.8
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013381057
wavelet-LHL	gldm	DependenceVariance	0.2375
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	6226.8
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01298789
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013056021
wavelet-LHL	glcm	JointAverage	57.87966393
wavelet-LHL	glcm	SumAverage	115.7593279
wavelet-LHL	glcm	JointEntropy	5.863370583
wavelet-LHL	glcm	ClusterShade	4441.600725
wavelet-LHL	glcm	MaximumProbability	0.032169801
wavelet-LHL	glcm	Idmn	0.924712198
wavelet-LHL	glcm	JointEnergy	0.018504851
wavelet-LHL	glcm	Contrast	925.2883913
wavelet-LHL	glcm	DifferenceEntropy	4.251947519
wavelet-LHL	glcm	InverseVariance	0.045152742
wavelet-LHL	glcm	DifferenceVariance	253.4400593
wavelet-LHL	glcm	Idn	0.821849508
wavelet-LHL	glcm	Idm	0.053410597
wavelet-LHL	glcm	Correlation	-0.04948864
wavelet-LHL	glcm	Autocorrelation	3331.042626
wavelet-LHL	glcm	SumEntropy	4.641090319
wavelet-LHL	glcm	SumSquares	439.127337
wavelet-LHL	glcm	ClusterProminence	2364089.769
wavelet-LHL	glcm	Imc2	0.999858585
wavelet-LHL	glcm	Imc1	-0.827136529
wavelet-LHL	glcm	DifferenceAverage	24.19850329
wavelet-LHL	glcm	Id	0.106514386
wavelet-LHL	glcm	ClusterTendency	831.2209567
wavelet-LHL	firstorder	InterquartileRange	649.9451346
wavelet-LHL	firstorder	Skewness	0.101659687
wavelet-LHL	firstorder	Uniformity	0.0296875
wavelet-LHL	firstorder	Median	-164.0450758
wavelet-LHL	firstorder	Energy	23046628.64
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	298.6748928
wavelet-LHL	firstorder	MeanAbsoluteDeviation	426.9094932
wavelet-LHL	firstorder	TotalEnergy	622258973.3
wavelet-LHL	firstorder	Maximum	1042.948057
wavelet-LHL	firstorder	RootMeanSquared	536.7335074

wavelet-LHL	firstorder	90Percentile	619.4240523
wavelet-LHL	firstorder	Minimum	-1438.95261
wavelet-LHL	firstorder	Entropy	5.305875438
wavelet-LHL	firstorder	Range	2481.900667
wavelet-LHL	firstorder	Variance	280566.0454
wavelet-LHL	firstorder	10Percentile	-768.3907006
wavelet-LHL	firstorder	Kurtosis	2.69820603
wavelet-LHL	firstorder	Mean	-86.69955366
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013177814
wavelet-LHL	glrlm	GrayLevelVariance	449.6205284
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.013180497
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029522242
wavelet-LHL	glrlm	RunVariance	0.011582406
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.339291064
wavelet-LHL	glrlm	LongRunEmphasis	1.031483285
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	3450.917235
wavelet-LHL	glrlm	RunLengthNonUniformity	77.87568971
wavelet-LHL	glrlm	ShortRunEmphasis	0.993224949
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	3583.83886
wavelet-LHL	glrlm	RunPercentage	0.990384615
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.013193297
wavelet-LHL	glrlm	RunEntropy	5.322963278
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	3475.64664
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.982676487
wavelet-LHL	glszm	GrayLevelVariance	467.4540816
wavelet-LHL	glszm	ZoneVariance	0.208163265
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027346939
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.794693878
wavelet-LHL	glszm	SizeZoneNonUniformity	55.62857143
wavelet-LHL	glszm	GrayLevelNonUniformity	1.914285714
wavelet-LHL	glszm	LargeAreaEmphasis	1.514285714
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	3130.764286
wavelet-LHL	glszm	ZonePercentage	0.875
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.015076496
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	5161.657143
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	3468.928571
wavelet-LHL	glszm	SmallAreaEmphasis	0.911607143
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.014863756
wavelet-LHL	glszm	ZoneEntropy	5.496930695
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014829559
wavelet-LHL	ngtdm	Coarseness	0.024860472
wavelet-LHL	ngtdm	Complexity	26834.51523
wavelet-LHL	ngtdm	Strength	61.85418032
wavelet-LHL	ngtdm	Contrast	7.971305435
wavelet-LHL	ngtdm	Busyness	0.024126254
wavelet-LHH	gldm	GrayLevelVariance	44.71484375
wavelet-LHH	gldm	HighGrayLevelEmphasis	310.8125
wavelet-LHH	gldm	DependenceEntropy	4.986077827
wavelet-LHH	gldm	DependenceNonUniformity	41.3
wavelet-LHH	gldm	GrayLevelNonUniformity	4.525
wavelet-LHH	gldm	SmallDependenceEmphasis	0.742361111
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	247.2777778

wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.51625
wavelet-LHH	gldm	LargeDependenceEmphasis	2.475
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.030422161
wavelet-LHH	gldm	DependenceVariance	0.444375
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	684.0625
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020007196
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.021526187
wavelet-LHH	glcm	JointAverage	16.29540878
wavelet-LHH	glcm	SumAverage	32.59081756
wavelet-LHH	glcm	JointEntropy	5.769816832
wavelet-LHH	glcm	ClusterShade	330.6575945
wavelet-LHH	glcm	MaximumProbability	0.035481767
wavelet-LHH	glcm	ldmn	0.955550894
wavelet-LHH	glcm	JointEnergy	0.019839127
wavelet-LHH	glcm	Contrast	72.65752995
wavelet-LHH	glcm	DifferenceEntropy	3.595080619
wavelet-LHH	glcm	InverseVariance	0.13636758
wavelet-LHH	glcm	DifferenceVariance	23.64000461
wavelet-LHH	glcm	ldn	0.855839055
wavelet-LHH	glcm	ldm	0.12533154
wavelet-LHH	glcm	Correlation	0.056256593
wavelet-LHH	glcm	Autocorrelation	268.3906708
wavelet-LHH	glcm	SumEntropy	4.14053321
wavelet-LHH	glcm	SumSquares	38.53441745
wavelet-LHH	glcm	ClusterProminence	22192.60069
wavelet-LHH	glcm	lmc2	0.996674596
wavelet-LHH	glcm	lmc1	-0.620054225
wavelet-LHH	glcm	DifferenceAverage	6.91275102
wavelet-LHH	glcm	ld	0.215567194
wavelet-LHH	glcm	ClusterTendency	81.48013986
wavelet-LHH	firstorder	InterquartileRange	222.266468
wavelet-LHH	firstorder	Skewness	0.329980595
wavelet-LHH	firstorder	Uniformity	0.0565625
wavelet-LHH	firstorder	Median	1.408779381
wavelet-LHH	firstorder	Energy	2236550.035
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	94.3034337
wavelet-LHH	firstorder	MeanAbsoluteDeviation	132.6876733
wavelet-LHH	firstorder	TotalEnergy	60386850.95
wavelet-LHH	firstorder	Maximum	545.2927523
wavelet-LHH	firstorder	RootMeanSquared	167.2030964
wavelet-LHH	firstorder	90Percentile	187.5524353
wavelet-LHH	firstorder	Minimum	-398.1917508
wavelet-LHH	firstorder	Entropy	4.432769546
wavelet-LHH	firstorder	Range	943.4845031
wavelet-LHH	firstorder	Variance	27933.52951
wavelet-LHH	firstorder	10Percentile	-210.4046123
wavelet-LHH	firstorder	Kurtosis	3.535457376
wavelet-LHH	firstorder	Mean	-4.831762032
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.021710996
wavelet-LHH	glrlm	GrayLevelVariance	45.0939511
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.021786593
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.056197202



wavelet-LHH	glrlm	RunVariance	0.016332833
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.422423495
wavelet-LHH	glrlm	LongRunEmphasis	1.050339145
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	308.6913606
wavelet-LHH	glrlm	RunLengthNonUniformity	76.14629285
wavelet-LHH	glrlm	ShortRunEmphasis	0.987415214
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	324.4123989
wavelet-LHH	glrlm	RunPercentage	0.983653846
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.022088984
wavelet-LHH	glrlm	RunEntropy	4.493813576
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	311.8355683
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.967334334
wavelet-LHH	glszm	GrayLevelVariance	50.46059172
wavelet-LHH	glszm	ZoneVariance	0.331360947
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050887574
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.706508876
wavelet-LHH	glszm	SizeZoneNonUniformity	45.92307692
wavelet-LHH	glszm	GrayLevelNonUniformity	3.307692308
wavelet-LHH	glszm	LargeAreaEmphasis	1.846153846
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	292.5894231
wavelet-LHH	glszm	ZonePercentage	0.8125
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.029942186
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	540.3538462
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	325
wavelet-LHH	glszm	SmallAreaEmphasis	0.865918803
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.025154081
wavelet-LHH	glszm	ZoneEntropy	4.90539306
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024356575
wavelet-LHH	ngtdm	Coarseness	0.050702179
wavelet-LHH	ngtdm	Complexity	1732.908299
wavelet-LHH	ngtdm	Strength	16.58710894
wavelet-LHH	ngtdm	Contrast	0.642805631
wavelet-LHH	ngtdm	Busyness	0.049602058
wavelet-LLH	gldm	GrayLevelVariance	231.774375
wavelet-LLH	gldm	HighGrayLevelEmphasis	2014.725
wavelet-LLH	gldm	DependenceEntropy	5.370191026
wavelet-LLH	gldm	DependenceNonUniformity	63.825
wavelet-LLH	gldm	GrayLevelNonUniformity	2.625
wavelet-LLH	gldm	SmallDependenceEmphasis	0.913888889
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1879.797222
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.7978125
wavelet-LLH	gldm	LargeDependenceEmphasis	1.4
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.016776939
wavelet-LLH	gldm	DependenceVariance	0.134375
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2643.325
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01643912
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016499739
wavelet-LLH	glcm	JointAverage	41.0514451
wavelet-LLH	glcm	SumAverage	82.1028902
wavelet-LLH	glcm	JointEntropy	5.864858923
wavelet-LLH	glcm	ClusterShade	-2021.381207
wavelet-LLH	glcm	MaximumProbability	0.028242456

wavelet-LLH	glcm	Idmn	0.952263715
wavelet-LLH	glcm	JointEnergy	0.018235597
wavelet-LLH	glcm	Contrast	273.8172612
wavelet-LLH	glcm	DifferenceEntropy	4.08877416
wavelet-LLH	glcm	InverseVariance	0.070852621
wavelet-LLH	glcm	DifferenceVariance	98.82971025
wavelet-LLH	glcm	Idn	0.854121062
wavelet-LLH	glcm	Idm	0.05911644
wavelet-LLH	glcm	Correlation	0.255880078
wavelet-LLH	glcm	Autocorrelation	1736.404213
wavelet-LLH	glcm	SumEntropy	4.600109121
wavelet-LLH	glcm	SumSquares	185.9722361
wavelet-LLH	glcm	ClusterProminence	645441.8605
wavelet-LLH	glcm	Imc2	0.999601862
wavelet-LLH	glcm	Imc1	-0.763188993
wavelet-LLH	glcm	DifferenceAverage	12.90203737
wavelet-LLH	glcm	Id	0.136268085
wavelet-LLH	glcm	ClusterTendency	470.0716834
wavelet-LLH	firstorder	InterquartileRange	470.1126643
wavelet-LLH	firstorder	Skewness	-0.488548121
wavelet-LLH	firstorder	Uniformity	0.0328125
wavelet-LLH	firstorder	Median	121.1600309
wavelet-LLH	firstorder	Energy	12170548.83
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	210.0757298
wavelet-LLH	firstorder	MeanAbsoluteDeviation	301.9222179
wavelet-LLH	firstorder	TotalEnergy	328604818.4
wavelet-LLH	firstorder	Maximum	765.4454572
wavelet-LLH	firstorder	RootMeanSquared	390.0408445
wavelet-LLH	firstorder	90Percentile	560.6275102
wavelet-LLH	firstorder	Minimum	-929.1799223
wavelet-LLH	firstorder	Entropy	5.173822202
wavelet-LLH	firstorder	Range	1694.62538
wavelet-LLH	firstorder	Variance	143617.4452
wavelet-LLH	firstorder	10Percentile	-432.7216736
wavelet-LLH	firstorder	Kurtosis	2.946604417
wavelet-LLH	firstorder	Mean	92.27358862
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016574515
wavelet-LLH	glrlm	GrayLevelVariance	232.7007884
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.016577072
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.03270003
wavelet-LLH	glrlm	RunVariance	0.004805966
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.6035659
wavelet-LLH	glrlm	LongRunEmphasis	1.014680548
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2011.125871
wavelet-LLH	glrlm	RunLengthNonUniformity	78.85988565
wavelet-LLH	glrlm	ShortRunEmphasis	0.996329863
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2039.96491
wavelet-LLH	glrlm	RunPercentage	0.995192308
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.016587299
wavelet-LLH	glrlm	RunEntropy	5.188347886
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2016.893679
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.990388068

wavelet-LLH	glszm	GrayLevelVariance	244.3779556
wavelet-LLH	glszm	ZoneVariance	0.088888889
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031466667
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.897955556
wavelet-LLH	glszm	SizeZoneNonUniformity	67.34666667
wavelet-LLH	glszm	GrayLevelNonUniformity	2.36
wavelet-LLH	glszm	LargeAreaEmphasis	1.226666667
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1978.957037
wavelet-LLH	glszm	ZonePercentage	0.9375
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.017709393
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2400.986667
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2044.4
wavelet-LLH	glszm	SmallAreaEmphasis	0.958148148
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01755322
wavelet-LLH	glszm	ZoneEntropy	5.320299151
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017523436
wavelet-LLH	ngtdm	Coarseness	0.049516106
wavelet-LLH	ngtdm	Complexity	9145.79827
wavelet-LLH	ngtdm	Strength	64.50675657
wavelet-LLH	ngtdm	Contrast	2.361555826
wavelet-LLH	ngtdm	Busyness	0.012991604
wavelet-LLL	gldm	GrayLevelVariance	562.25
wavelet-LLL	gldm	HighGrayLevelEmphasis	2866.25
wavelet-LLL	gldm	DependenceEntropy	5.718619814
wavelet-LLL	gldm	DependenceNonUniformity	47.675
wavelet-LLL	gldm	GrayLevelNonUniformity	1.975
wavelet-LLL	gldm	SmallDependenceEmphasis	0.797916667
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2380.104167
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.5959375
wavelet-LLL	gldm	LargeDependenceEmphasis	1.975
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014494529
wavelet-LLL	gldm	DependenceVariance	0.285
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5133.5
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013409425
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.013609228
wavelet-LLL	glcm	JointAverage	49.72880221
wavelet-LLL	glcm	SumAverage	99.45760441
wavelet-LLL	glcm	JointEntropy	5.888292773
wavelet-LLL	glcm	ClusterShade	9079.201769
wavelet-LLL	glcm	MaximumProbability	0.029765955
wavelet-LLL	glcm	Idmn	0.959015082
wavelet-LLL	glcm	JointEnergy	0.017886047
wavelet-LLL	glcm	Contrast	607.3352572
wavelet-LLL	glcm	DifferenceEntropy	4.298182612
wavelet-LLL	glcm	InverseVariance	0.06024031
wavelet-LLL	glcm	DifferenceVariance	214.168196
wavelet-LLL	glcm	Idn	0.864301061
wavelet-LLL	glcm	Idm	0.06598073
wavelet-LLL	glcm	Correlation	0.471514761
wavelet-LLL	glcm	Autocorrelation	2738.201365
wavelet-LLL	glcm	SumEntropy	4.766383295
wavelet-LLL	glcm	SumSquares	563.9479391

wavelet-LLL	glcm	ClusterProminence	5245340.197
wavelet-LLL	glcm	Imc2	0.999934555
wavelet-LLL	glcm	Imc1	-0.866855244
wavelet-LLL	glcm	DifferenceAverage	19.45147421
wavelet-LLL	glcm	Id	0.123402176
wavelet-LLL	glcm	ClusterTendency	1648.456499
wavelet-LLL	firstorder	InterquartileRange	928.1684194
wavelet-LLL	firstorder	Skewness	0.431009447
wavelet-LLL	firstorder	Uniformity	0.0246875
wavelet-LLL	firstorder	Median	-1333.033882
wavelet-LLL	firstorder	Energy	150448549.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	343.2282859
wavelet-LLL	firstorder	MeanAbsoluteDeviation	481.5954158
wavelet-LLL	firstorder	TotalEnergy	4062110840
wavelet-LLL	firstorder	Maximum	408.8449784
wavelet-LLL	firstorder	RootMeanSquared	1371.352205
wavelet-LLL	firstorder	90Percentile	-448.2417077
wavelet-LLL	firstorder	Minimum	-2420.617554
wavelet-LLL	firstorder	Entropy	5.567371495
wavelet-LLL	firstorder	Range	2829.462533
wavelet-LLL	firstorder	Variance	351608.019
wavelet-LLL	firstorder	10Percentile	-1926.287344
wavelet-LLL	firstorder	Kurtosis	2.627705686
wavelet-LLL	firstorder	Mean	-1236.526931
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.013750241
wavelet-LLL	glrlm	GrayLevelVariance	564.8158422
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.01375854
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024547331
wavelet-LLL	glrlm	RunVariance	0.011532788
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.941274686
wavelet-LLL	glrlm	LongRunEmphasis	1.035353157
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2851.467587
wavelet-LLL	glrlm	RunLengthNonUniformity	77.27011709
wavelet-LLL	glrlm	ShortRunEmphasis	0.991161711
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2955.523463
wavelet-LLL	glrlm	RunPercentage	0.988461538
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.013791734
wavelet-LLL	glrlm	RunEntropy	5.585742634
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2872.278762
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.976934424
wavelet-LLL	glszm	GrayLevelVariance	592.4515858
wavelet-LLL	glszm	ZoneVariance	0.162990968
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.02289435
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.748372191
wavelet-LLL	glszm	SizeZoneNonUniformity	51.63768116
wavelet-LLL	glszm	GrayLevelNonUniformity	1.579710145
wavelet-LLL	glszm	LargeAreaEmphasis	1.507246377
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2671.834944
wavelet-LLL	glszm	ZonePercentage	0.8625
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016105988
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4143.304348
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2941.188406

wavelet-LLL	glszm	SmallAreaEmphasis	0.889291465
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.015622714
wavelet-LLL	glszm	ZoneEntropy	5.738817573
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015510213
wavelet-LLL	ngtdm	Coarseness	0.037319558
wavelet-LLL	ngtdm	Complexity	24913.47998
wavelet-LLL	ngtdm	Strength	127.3508513
wavelet-LLL	ngtdm	Contrast	5.289053619
wavelet-LLL	ngtdm	Busyness	0.014890582
wavelet-HHL	gldm	GrayLevelVariance	35.69359375
wavelet-HHL	gldm	HighGrayLevelEmphasis	208.2875
wavelet-HHL	gldm	DependenceEntropy	4.866359695
wavelet-HHL	gldm	DependenceNonUniformity	40.25
wavelet-HHL	gldm	GrayLevelNonUniformity	5.125
wavelet-HHL	gldm	SmallDependenceEmphasis	0.731944444
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	167.2486111
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.503125
wavelet-HHL	gldm	LargeDependenceEmphasis	2.85
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074990444
wavelet-HHL	gldm	DependenceVariance	0.674375
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	512.3875
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.035275464
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.042319395
wavelet-HHL	glcm	JointAverage	12.65105825
wavelet-HHL	glcm	SumAverage	25.30211651
wavelet-HHL	glcm	JointEntropy	5.692340368
wavelet-HHL	glcm	ClusterShade	135.4621611
wavelet-HHL	glcm	MaximumProbability	0.038837282
wavelet-HHL	glcm	Idmn	0.947886777
wavelet-HHL	glcm	JointEnergy	0.021276555
wavelet-HHL	glcm	Contrast	72.31721541
wavelet-HHL	glcm	DifferenceEntropy	3.535481482
wavelet-HHL	glcm	InverseVariance	0.158158065
wavelet-HHL	glcm	DifferenceVariance	26.29927307
wavelet-HHL	glcm	Idn	0.849787384
wavelet-HHL	glcm	Idm	0.139562054
wavelet-HHL	glcm	Correlation	-0.087186512
wavelet-HHL	glcm	Autocorrelation	157.4418185
wavelet-HHL	glcm	SumEntropy	4.069120674
wavelet-HHL	glcm	SumSquares	33.44315175
wavelet-HHL	glcm	ClusterProminence	14689.77696
wavelet-HHL	glcm	Imc2	0.995243306
wavelet-HHL	glcm	Imc1	-0.590474168
wavelet-HHL	glcm	DifferenceAverage	6.623193825
wavelet-HHL	glcm	Id	0.229970128
wavelet-HHL	glcm	ClusterTendency	61.45539158
wavelet-HHL	firstorder	InterquartileRange	181.5981632
wavelet-HHL	firstorder	Skewness	0.410159212
wavelet-HHL	firstorder	Uniformity	0.0640625
wavelet-HHL	firstorder	Median	5.853889355
wavelet-HHL	firstorder	Energy	1775186.254
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	74.96479727

wavelet-HHL	firstorder	MeanAbsoluteDeviation	113.3640093
wavelet-HHL	firstorder	TotalEnergy	47930028.86
wavelet-HHL	firstorder	Maximum	519.8967379
wavelet-HHL	firstorder	RootMeanSquared	148.9625059
wavelet-HHL	firstorder	90Percentile	173.4245082
wavelet-HHL	firstorder	Minimum	-316.238285
wavelet-HHL	firstorder	Entropy	4.244179226
wavelet-HHL	firstorder	Range	836.1350229
wavelet-HHL	firstorder	Variance	22098.20215
wavelet-HHL	firstorder	10Percentile	-177.8423948
wavelet-HHL	firstorder	Kurtosis	4.023787698
wavelet-HHL	firstorder	Mean	-9.572148656
wavelet-HHL	gllm	ShortRunLowGrayLevelEmphasis	0.042404819
wavelet-HHL	gllm	GrayLevelVariance	36.02605313
wavelet-HHL	gllm	LowGrayLevelRunEmphasis	0.042713059
wavelet-HHL	gllm	GrayLevelNonUniformityNormalized	0.063211967
wavelet-HHL	gllm	RunVariance	0.018231844
wavelet-HHL	gllm	GrayLevelNonUniformity	4.964653696
wavelet-HHL	gllm	LongRunEmphasis	1.057041262
wavelet-HHL	gllm	ShortRunHighGrayLevelEmphasis	206.980507
wavelet-HHL	gllm	RunLengthNonUniformity	75.73450836
wavelet-HHL	gllm	ShortRunEmphasis	0.985739684
wavelet-HHL	gllm	LongRunHighGrayLevelEmphasis	218.2676219
wavelet-HHL	gllm	RunPercentage	0.981730769
wavelet-HHL	gllm	LongRunLowGrayLevelEmphasis	0.04394602
wavelet-HHL	gllm	RunEntropy	4.313365961
wavelet-HHL	gllm	HighGrayLevelRunEmphasis	209.23793
wavelet-HHL	gllm	RunLengthNonUniformityNormalized	0.963536313
wavelet-HHL	glszm	GrayLevelVariance	39.99546485
wavelet-HHL	glszm	ZoneVariance	0.895439657
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.057193248
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.72436382
wavelet-HHL	glszm	SizeZoneNonUniformity	45.63492063
wavelet-HHL	glszm	GrayLevelNonUniformity	3.603174603
wavelet-HHL	glszm	LargeAreaEmphasis	2.507936508
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	203.8810626
wavelet-HHL	glszm	ZonePercentage	0.7875
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.069789099
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	484.7777778
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	221.6031746
wavelet-HHL	glszm	SmallAreaEmphasis	0.875027557
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.047545685
wavelet-HHL	glszm	ZoneEntropy	4.660840289
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.04332638
wavelet-HHL	ngtdm	Coarseness	0.055543777
wavelet-HHL	ngtdm	Complexity	1096.115888
wavelet-HHL	ngtdm	Strength	11.28472009
wavelet-HHL	ngtdm	Contrast	0.703990667
wavelet-HHL	ngtdm	Busyness	0.075125463
wavelet-HLH	gldm	GrayLevelVariance	41.8775
wavelet-HLH	gldm	HighGrayLevelEmphasis	360.5
wavelet-HLH	gldm	DependenceEntropy	5.115311532

wavelet-HLH	gldm	DependenceNonUniformity	33.375
wavelet-HLH	gldm	GrayLevelNonUniformity	4.325
wavelet-HLH	gldm	SmallDependenceEmphasis	0.627517361
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	227.8858507
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.4171875
wavelet-HLH	gldm	LargeDependenceEmphasis	3.075
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028670344
wavelet-HLH	gldm	DependenceVariance	0.515
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1064.875
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018849654
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.020373912
wavelet-HLH	glcm	JointAverage	17.86747509
wavelet-HLH	glcm	SumAverage	35.73495018
wavelet-HLH	glcm	JointEntropy	5.772443844
wavelet-HLH	glcm	ClusterShade	11.92819704
wavelet-HLH	glcm	MaximumProbability	0.035214673
wavelet-HLH	glcm	ldmn	0.95153579
wavelet-HLH	glcm	JointEnergy	0.019813336
wavelet-HLH	glcm	Contrast	73.42156286
wavelet-HLH	glcm	DifferenceEntropy	3.526361257
wavelet-HLH	glcm	InverseVariance	0.127152939
wavelet-HLH	glcm	DifferenceVariance	26.3685038
wavelet-HLH	glcm	ldn	0.854187527
wavelet-HLH	glcm	ldm	0.138921593
wavelet-HLH	glcm	Correlation	-0.051352486
wavelet-HLH	glcm	Autocorrelation	317.9234952
wavelet-HLH	glcm	SumEntropy	4.112714956
wavelet-HLH	glcm	SumSquares	34.71693416
wavelet-HLH	glcm	ClusterProminence	15325.87521
wavelet-HLH	glcm	lmc2	0.997093287
wavelet-HLH	glcm	lmc1	-0.624570305
wavelet-HLH	glcm	DifferenceAverage	6.733615343
wavelet-HLH	glcm	ld	0.231050806
wavelet-HLH	glcm	ClusterTendency	65.44617377
wavelet-HLH	firstorder	InterquartileRange	181.3594037
wavelet-HLH	firstorder	Skewness	-0.164945258
wavelet-HLH	firstorder	Uniformity	0.0540625
wavelet-HLH	firstorder	Median	-6.187844462
wavelet-HLH	firstorder	Energy	2103123.801
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	85.42299761
wavelet-HLH	firstorder	MeanAbsoluteDeviation	125.4574094
wavelet-HLH	firstorder	TotalEnergy	56784342.64
wavelet-HLH	firstorder	Maximum	441.8283419
wavelet-HLH	firstorder	RootMeanSquared	162.1389759
wavelet-HLH	firstorder	90Percentile	168.7366909
wavelet-HLH	firstorder	Minimum	-432.05882
wavelet-HLH	firstorder	Entropy	4.433460515
wavelet-HLH	firstorder	Range	873.8871619
wavelet-HLH	firstorder	Variance	26029.16086
wavelet-HLH	firstorder	10Percentile	-239.1288259
wavelet-HLH	firstorder	Kurtosis	3.230313745
wavelet-HLH	firstorder	Mean	-16.12100045

wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020693707
wavelet-HLH	glrlm	GrayLevelVariance	42.37430356
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.020765838
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.05369434
wavelet-HLH	glrlm	RunVariance	0.023036006
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.196940745
wavelet-HLH	glrlm	LongRunEmphasis	1.071871459
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	354.5790974
wavelet-HLH	glrlm	RunLengthNonUniformity	74.60237523
wavelet-HLH	glrlm	ShortRunEmphasis	0.982032135
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	385.7736465
wavelet-HLH	glrlm	RunPercentage	0.976923077
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021054363
wavelet-HLH	glrlm	RunEntropy	4.510301138
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	360.8180072
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.953927988
wavelet-HLH	glszm	GrayLevelVariance	49.52794293
wavelet-HLH	glszm	ZoneVariance	0.476813317
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.048156956
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.565398335
wavelet-HLH	glszm	SizeZoneNonUniformity	32.79310345
wavelet-HLH	glszm	GrayLevelNonUniformity	2.793103448
wavelet-HLH	glszm	LargeAreaEmphasis	2.379310345
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	284.2898707
wavelet-HLH	glszm	ZonePercentage	0.725
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.032112013
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	829.5862069
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	364.8965517
wavelet-HLH	glszm	SmallAreaEmphasis	0.780292146
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026561282
wavelet-HLH	glszm	ZoneEntropy	5.086345004
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025649651
wavelet-HLH	ngtdm	Coarseness	0.054071094
wavelet-HLH	ngtdm	Complexity	1565.828522
wavelet-HLH	ngtdm	Strength	13.092956
wavelet-HLH	ngtdm	Contrast	0.744998773
wavelet-HLH	ngtdm	Busyness	0.046339689



Image type	Feature Class	Feature Name	
general	info	BoundingBox	4: RTSTRUCT: C99-DNU_segment_GTV (1, 1, 1, 9, 8, 6)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	219
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general	info	MaskHash	6a4dd7c53befe42661a583ae26ecc80d128598
general	info	NumpyVersion	1b
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	29.69848481
original	shape	Sphericity	28.3019434
original	shape	MinorAxis	0.830953464
original	shape	Elongation	19.43341552
original	shape	SurfaceVolumeRatio	0.722978895
original	shape	Volume	0.326372133
original	shape	MajorAxis	5670
original	shape	SurfaceArea	26.87964429
original	shape	Flatness	1850.529991
original	shape	LeastAxis	0.590661645
original	shape	Maximum2DDiameterColumn	15.87677492
original	shape	Maximum2DDiameterRow	25.63201124
original	gldm	GrayLevelVariance	21.63330765
original	gldm	HighGrayLevelEmphasis	75.53868481
original	gldm	DependenceEntropy	567.5333333
original	gldm	DependenceNonUniformity	5.902540643
original	gldm	GrayLevelNonUniformity	52.36190476
original	gldm	SmallDependenceEmphasis	13.28571429
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.504589006
original	gldm	DependenceNonUniformityNormalized	183.2284815
original	gldm	LargeDependenceEmphasis	0.249342404
original	gldm	LargeDependenceLowGrayLevelEmphasis	15.62857143
original	gldm	DependenceVariance	0.032395015
original	gldm	LargeDependenceHighGrayLevelEmphasis	7.079909297
original	gldm	SmallDependenceLowGrayLevelEmphasis	13515.1619
			0.00922689

original	gldm	LowGrayLevelEmphasis	0.010972732
original	glcm	JointAverage	24.21689344
original	glcm	SumAverage	48.43378687
original	glcm	JointEntropy	6.902932769
original	glcm	ClusterShade	-1888.063444
original	glcm	MaximumProbability	0.055566513
original	glcm	ldmn	0.928698439
original	glcm	JointEnergy	0.014008235
original	glcm	Contrast	99.52699988
original	glcm	DifferenceEntropy	4.05244682
original	glcm	InverseVariance	0.231437564
original	glcm	DifferenceVariance	47.23036405
original	glcm	ldn	0.846148057
original	glcm	ldm	0.237877878
original	glcm	Correlation	0.229286644
original	glcm	Autocorrelation	601.9067016
original	glcm	SumEntropy	4.923828017
original	glcm	SumSquares	65.06161498
original	glcm	ClusterProminence	79161.47308
original	glcm	lmc2	0.964928512
original	glcm	lmc1	-0.328949172
original	glcm	DifferenceAverage	7.082793872
original	glcm	ld	0.304545644
original	glcm	ClusterTendency	160.71946
original	firstorder	InterquartileRange	373
original	firstorder	Skewness	-0.649206355
original	firstorder	Uniformity	0.063265306
original	firstorder	Median	-95.5
original	firstorder	Energy	16915690
original	firstorder	RobustMeanAbsoluteDeviation	156.1955782
original	firstorder	MeanAbsoluteDeviation	191.4767347
original	firstorder	TotalEnergy	456723630
original	firstorder	Maximum	83
original	firstorder	RootMeanSquared	283.8149129
original	firstorder	90Percentile	32.2
original	firstorder	Minimum	-718
original	firstorder	Entropy	4.469079255
original	firstorder	Range	801
original	firstorder	Variance	47142.02821
original	firstorder	10Percentile	-534.2
original	firstorder	Kurtosis	2.033779665
original	firstorder	Mean	-182.7809524
original	glrlm	ShortRunLowGrayLevelEmphasis	0.011580892
original	glrlm	GrayLevelVariance	76.00819797
original	glrlm	LowGrayLevelRunEmphasis	0.011694864
original	glrlm	GrayLevelNonUniformityNormalized	0.055378826
original	glrlm	RunVariance	0.093416299
original	glrlm	GrayLevelNonUniformity	10.77549168
original	glrlm	LongRunEmphasis	1.261299175
original	glrlm	ShortRunHighGrayLevelEmphasis	497.7757005
original	glrlm	RunLengthNonUniformity	168.8084243
original	glrlm	ShortRunEmphasis	0.945378538
original	glrlm	LongRunHighGrayLevelEmphasis	769.0788251

original	glrlm	RunPercentage	0.926007326
original	glrlm	LongRunLowGrayLevelEmphasis	0.012198085
original	glrlm	RunEntropy	4.832397006
original	glrlm	HighGrayLevelRunEmphasis	544.2860912
original	glrlm	RunLengthNonUniformityNormalized	0.86735631
original	glszm	GrayLevelVariance	60.17194707
original	glszm	ZoneVariance	14.19584121
original	glszm	GrayLevelNonUniformityNormalized	0.042722117
original	glszm	SizeZoneNonUniformityNormalized	0.657013233
original	glszm	SizeZoneNonUniformity	75.55652174
original	glszm	GrayLevelNonUniformity	4.913043478
original	glszm	LargeAreaEmphasis	17.53043478
original	glszm	SmallAreaHighGrayLevelEmphasis	277.5755438
original	glszm	ZonePercentage	0.547619048
original	glszm	LargeAreaLowGrayLevelEmphasis	0.040780464
original	glszm	LargeAreaHighGrayLevelEmphasis	15106.62609
original	glszm	HighGrayLevelZoneEmphasis	372.0782609
original	glszm	SmallAreaEmphasis	0.835678125
original	glszm	LowGrayLevelZoneEmphasis	0.017591414
original	glszm	ZoneEntropy	5.182155305
original	glszm	SmallAreaLowGrayLevelEmphasis	0.016371817
original	ngtdm	Coarseness	0.015854388
original	ngtdm	Complexity	2519.81904
original	ngtdm	Strength	9.588214394
original	ngtdm	Contrast	0.896612329
original	ngtdm	Busyness	0.07340041
wavelet-HHH	gldm	GrayLevelVariance	8.791746032
wavelet-HHH	gldm	HighGrayLevelEmphasis	98.40952381
wavelet-HHH	gldm	DependenceEntropy	5.600279495
wavelet-HHH	gldm	DependenceNonUniformity	38.2
wavelet-HHH	gldm	GrayLevelNonUniformity	22.66666667
wavelet-HHH	gldm	SmallDependenceEmphasis	0.3381721
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	31.60821233
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.181904762
wavelet-HHH	gldm	LargeDependenceEmphasis	12.34285714
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.15764324
wavelet-HHH	gldm	DependenceVariance	3.342857143
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1220.904762
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019243292
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.028067596
wavelet-HHH	glcm	JointAverage	9.464795729
wavelet-HHH	glcm	SumAverage	18.92959146
wavelet-HHH	glcm	JointEntropy	6.355092073
wavelet-HHH	glcm	ClusterShade	-15.0429497
wavelet-HHH	glcm	MaximumProbability	0.043208701
wavelet-HHH	glcm	ldmn	0.95107267
wavelet-HHH	glcm	JointEnergy	0.016403952
wavelet-HHH	glcm	Contrast	16.69195452
wavelet-HHH	glcm	DifferenceEntropy	3.095279874
wavelet-HHH	glcm	InverseVariance	0.277569309
wavelet-HHH	glcm	DifferenceVariance	6.606516909
wavelet-HHH	glcm	ldn	0.856371838
wavelet-HHH	glcm	ldm	0.276427922

wavelet-HHH	glcm	Correlation	-0.028593553
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wavelet-HHH	glcm	SumSquares	8.089935396
wavelet-HHH	glcm	ClusterProminence	840.6767448
wavelet-HHH	glcm	Imc2	0.819724535
wavelet-HHH	glcm	Imc1	-0.162895372
wavelet-HHH	glcm	DifferenceAverage	3.150171901
wavelet-HHH	glcm	Id	0.365031764
wavelet-HHH	glcm	ClusterTendency	15.66778707
wavelet-HHH	firstorder	InterquartileRange	84.95398056
wavelet-HHH	firstorder	Skewness	-0.319557242
wavelet-HHH	firstorder	Uniformity	0.107936508
wavelet-HHH	firstorder	Median	3.811263588
wavelet-HHH	firstorder	Energy	1159017.267
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	37.51105762
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wavelet-HHH	firstorder	TotalEnergy	31293466.22
wavelet-HHH	firstorder	Maximum	187.4856989
wavelet-HHH	firstorder	RootMeanSquared	74.29084631
wavelet-HHH	firstorder	90Percentile	96.55990029
wavelet-HHH	firstorder	Minimum	-203.9240533
wavelet-HHH	firstorder	Entropy	3.514888855
wavelet-HHH	firstorder	Range	391.4097521
wavelet-HHH	firstorder	Variance	5518.738713
wavelet-HHH	firstorder	10Percentile	-97.57614013
wavelet-HHH	firstorder	Kurtosis	3.358742101
wavelet-HHH	firstorder	Mean	-0.625405518
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028694442
wavelet-HHH	glrlm	GrayLevelVariance	9.249280073
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.029423226
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.103049694
wavelet-HHH	glrlm	RunVariance	0.085802322
wavelet-HHH	glrlm	GrayLevelNonUniformity	19.98246951
wavelet-HHH	glrlm	LongRunEmphasis	1.262330128
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	92.30163047
wavelet-HHH	glrlm	RunLengthNonUniformity	165.8744864
wavelet-HHH	glrlm	ShortRunEmphasis	0.939565099
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	124.4838167
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.032544412
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	98.31011132
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.854289975
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wavelet-HHH	glszm	ZoneVariance	23.41701368
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.436644854
wavelet-HHH	glszm	SizeZoneNonUniformity	35.80487805
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wavelet-HHH	glszm	LargeAreaEmphasis	29.97560976
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	61.88904261
wavelet-HHH	glszm	ZonePercentage	0.39047619

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.371743309
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2935.341463
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	93.95121951
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.052119418
wavelet-HHH	glszm	ZoneEntropy	5.043034322
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.046579688
wavelet-HHH	ngtdm	Coarseness	0.029941522
wavelet-HHH	ngtdm	Complexity	216.3631055
wavelet-HHH	ngtdm	Strength	2.051811884
wavelet-HHH	ngtdm	Contrast	0.173328313
wavelet-HHH	ngtdm	Busyness	0.216204422
wavelet-HLL	gldm	GrayLevelVariance	101.1509297
wavelet-HLL	gldm	HighGrayLevelEmphasis	529.8380952
wavelet-HLL	gldm	DependenceEntropy	6.232598125
wavelet-HLL	gldm	DependenceNonUniformity	72.41904762
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.581797619
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	321.7134775
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wavelet-HLL	gldm	LargeDependenceEmphasis	4.6
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.027126021
wavelet-HLL	gldm	DependenceVariance	1.151020408
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2065.590476
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009159129
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011051417
wavelet-HLL	glcm	JointAverage	20.02457273
wavelet-HLL	glcm	SumAverage	40.04914546
wavelet-HLL	glcm	JointEntropy	7.752147002
wavelet-HLL	glcm	ClusterShade	2730.253183
wavelet-HLL	glcm	MaximumProbability	0.013533228
wavelet-HLL	glcm	Idmn	0.943253915
wavelet-HLL	glcm	JointEnergy	0.005107239
wavelet-HLL	glcm	Contrast	130.4994852
wavelet-HLL	glcm	DifferenceEntropy	4.260793023
wavelet-HLL	glcm	InverseVariance	0.137398078
wavelet-HLL	glcm	DifferenceVariance	52.09388997
wavelet-HLL	glcm	Idn	0.85159763
wavelet-HLL	glcm	Idm	0.132734595
wavelet-HLL	glcm	Correlation	0.31884249
wavelet-HLL	glcm	Autocorrelation	433.250502
wavelet-HLL	glcm	SumEntropy	5.420184322
wavelet-HLL	glcm	SumSquares	97.4018759
wavelet-HLL	glcm	ClusterProminence	175296.7805
wavelet-HLL	glcm	Imc2	0.994722151
wavelet-HLL	glcm	Imc1	-0.45599131
wavelet-HLL	glcm	DifferenceAverage	8.470249981
wavelet-HLL	glcm	Id	0.217117232
wavelet-HLL	glcm	ClusterTendency	259.1080184
wavelet-HLL	firstorder	InterquartileRange	407.9334018
wavelet-HLL	firstorder	Skewness	0.383218444
wavelet-HLL	firstorder	Uniformity	0.033877551
wavelet-HLL	firstorder	Median	-117.2942973

wavelet-HLL	firstorder	Energy	14400079.24
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	163.8501122
wavelet-HLL	firstorder	MeanAbsoluteDeviation	213.1401341
wavelet-HLL	firstorder	TotalEnergy	388802139.5
wavelet-HLL	firstorder	Maximum	496.9633659
wavelet-HLL	firstorder	RootMeanSquared	261.8621888
wavelet-HLL	firstorder	90Percentile	300.589066
wavelet-HLL	firstorder	Minimum	-571.8838035
wavelet-HLL	firstorder	Entropy	5.096459549
wavelet-HLL	firstorder	Range	1068.847169
wavelet-HLL	firstorder	Variance	63653.49075
wavelet-HLL	firstorder	10Percentile	-355.1593875
wavelet-HLL	firstorder	Kurtosis	2.081220501
wavelet-HLL	firstorder	Mean	-70.13070055
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.011167442
wavelet-HLL	grlm	GrayLevelVariance	101.907067
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.01127665
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.033291426
wavelet-HLL	grlm	RunVariance	0.036773672
wavelet-HLL	grlm	GrayLevelNonUniformity	6.761711635
wavelet-HLL	grlm	LongRunEmphasis	1.106931095
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	520.9680217
wavelet-HLL	grlm	RunLengthNonUniformity	190.342944
wavelet-HLL	grlm	ShortRunEmphasis	0.975216732
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	579.7463353
wavelet-HLL	grlm	RunPercentage	0.967032967
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.011765404
wavelet-HLL	grlm	RunEntropy	5.240033068
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	532.4851115
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.936867264
wavelet-HLL	glszm	GrayLevelVariance	109.2482158
wavelet-HLL	glszm	ZoneVariance	1.733347751
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.029736159
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.594290657
wavelet-HLL	glszm	SizeZoneNonUniformity	80.82352941
wavelet-HLL	glszm	GrayLevelNonUniformity	4.044117647
wavelet-HLL	glszm	LargeAreaEmphasis	4.117647059
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	442.8921474
wavelet-HLL	glszm	ZonePercentage	0.647619048
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.029000675
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1899.044118
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	554.2720588
wavelet-HLL	glszm	SmallAreaEmphasis	0.797574312
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.014599775
wavelet-HLL	glszm	ZoneEntropy	5.848656504
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01368346
wavelet-HLL	ngtdm	Coarseness	0.027215117
wavelet-HLL	ngtdm	Complexity	3987.568804
wavelet-HLL	ngtdm	Strength	16.52016105
wavelet-HLL	ngtdm	Contrast	0.717407834
wavelet-HLL	ngtdm	Busyness	0.055029952
wavelet-LHL	gldm	GrayLevelVariance	55.21045351
wavelet-LHL	gldm	HighGrayLevelEmphasis	386.6238095

wavelet-LHL	gldm	DependenceEntropy	6.048051042
wavelet-LHL	gldm	DependenceNonUniformity	71.43809524
wavelet-LHL	gldm	GrayLevelNonUniformity	9.133333333
wavelet-LHL	gldm	SmallDependenceEmphasis	0.561888889
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	235.8572526
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.340181406
wavelet-LHL	gldm	LargeDependenceEmphasis	4.285714286
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024892588
wavelet-LHL	gldm	DependenceVariance	0.907120181
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1528.7
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009387984
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011411906
wavelet-LHL	glcm	JointAverage	17.68770267
wavelet-LHL	glcm	SumAverage	35.37540534
wavelet-LHL	glcm	JointEntropy	7.603638718
wavelet-LHL	glcm	ClusterShade	627.0253853
wavelet-LHL	glcm	MaximumProbability	0.013541238
wavelet-LHL	glcm	ldmn	0.960278492
wavelet-LHL	glcm	JointEnergy	0.005744421
wavelet-LHL	glcm	Contrast	77.37291641
wavelet-LHL	glcm	DifferenceEntropy	4.007296899
wavelet-LHL	glcm	InverseVariance	0.153155158
wavelet-LHL	glcm	DifferenceVariance	30.53422879
wavelet-LHL	glcm	ldn	0.870214275
wavelet-LHL	glcm	ldm	0.142077211
wavelet-LHL	glcm	Correlation	0.159615898
wavelet-LHL	glcm	Autocorrelation	321.3211539
wavelet-LHL	glcm	SumEntropy	5.060228629
wavelet-LHL	glcm	SumSquares	47.12994726
wavelet-LHL	glcm	ClusterProminence	46902.53753
wavelet-LHL	glcm	lmc2	0.983095453
wavelet-LHL	glcm	lmc1	-0.366888457
wavelet-LHL	glcm	DifferenceAverage	6.710012168
wavelet-LHL	glcm	ld	0.233365686
wavelet-LHL	glcm	ClusterTendency	111.1468726
wavelet-LHL	firstorder	InterquartileRange	223.728592
wavelet-LHL	firstorder	Skewness	0.518884932
wavelet-LHL	firstorder	Uniformity	0.043492063
wavelet-LHL	firstorder	Median	-75.85099663
wavelet-LHL	firstorder	Energy	7927199.42
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	97.99524903
wavelet-LHL	firstorder	MeanAbsoluteDeviation	145.0405234
wavelet-LHL	firstorder	TotalEnergy	214034384.3
wavelet-LHL	firstorder	Maximum	509.2613036
wavelet-LHL	firstorder	RootMeanSquared	194.2899088
wavelet-LHL	firstorder	90Percentile	210.1425056
wavelet-LHL	firstorder	Minimum	-479.7042011
wavelet-LHL	firstorder	Entropy	4.78432658
wavelet-LHL	firstorder	Range	988.9655047
wavelet-LHL	firstorder	Variance	34474.82132
wavelet-LHL	firstorder	10Percentile	-266.1637197
wavelet-LHL	firstorder	Kurtosis	3.21481848
wavelet-LHL	firstorder	Mean	-57.21667015

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.011546211
wavelet-LHL	grlm	GrayLevelVariance	56.09907423
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.011651463
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.042964976
wavelet-LHL	grlm	RunVariance	0.034420513
wavelet-LHL	grlm	GrayLevelNonUniformity	8.731628233
wavelet-LHL	grlm	LongRunEmphasis	1.103224393
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	379.4100582
wavelet-LHL	grlm	RunLengthNonUniformity	190.7176336
wavelet-LHL	grlm	ShortRunEmphasis	0.975452981
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	423.5313097
wavelet-LHL	grlm	RunPercentage	0.967765568
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.0120951
wavelet-LHL	grlm	RunEntropy	4.934144974
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	387.9764939
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.937800713
wavelet-LHL	glszm	GrayLevelVariance	68.49689986
wavelet-LHL	glszm	ZoneVariance	1.491358025
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037037037
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.546776406
wavelet-LHL	glszm	SizeZoneNonUniformity	73.81481481
wavelet-LHL	glszm	GrayLevelNonUniformity	5
wavelet-LHL	glszm	LargeAreaEmphasis	3.911111111
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	331.6148583
wavelet-LHL	glszm	ZonePercentage	0.642857143
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.027789438
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1363.962963
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	413.3555556
wavelet-LHL	glszm	SmallAreaEmphasis	0.767913403
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015238309
wavelet-LHL	glszm	ZoneEntropy	5.793420182
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014084907
wavelet-LHL	ngtdm	Coarseness	0.029248906
wavelet-LHL	ngtdm	Complexity	2669.621513
wavelet-LHL	ngtdm	Strength	13.78814952
wavelet-LHL	ngtdm	Contrast	0.385304755
wavelet-LHL	ngtdm	Busyness	0.057963895
wavelet-LHH	gldm	GrayLevelVariance	21.01789116
wavelet-LHH	gldm	HighGrayLevelEmphasis	374.9952381
wavelet-LHH	gldm	DependenceEntropy	5.749804521
wavelet-LHH	gldm	DependenceNonUniformity	44.56190476
wavelet-LHH	gldm	GrayLevelNonUniformity	16.01904762
wavelet-LHH	gldm	SmallDependenceEmphasis	0.407089785
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	167.6598646
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.212199546
wavelet-LHH	gldm	LargeDependenceEmphasis	9.733333333
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.037590286
wavelet-LHH	gldm	DependenceVariance	2.723446712
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3242.080952
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007248079
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.009149675
wavelet-LHH	glcm	JointAverage	18.77490796
wavelet-LHH	glcm	SumAverage	37.54981591



wavelet-LHH	glcm	JointEntropy	6.902689289
wavelet-LHH	glcm	ClusterShade	88.87984182
wavelet-LHH	glcm	MaximumProbability	0.03118518
wavelet-LHH	glcm	Idmn	0.969121405
wavelet-LHH	glcm	JointEnergy	0.010744009
wavelet-LHH	glcm	Contrast	38.62644193
wavelet-LHH	glcm	DifferenceEntropy	3.568471298
wavelet-LHH	glcm	InverseVariance	0.224190014
wavelet-LHH	glcm	DifferenceVariance	17.35701336
wavelet-LHH	glcm	Idn	0.888890757
wavelet-LHH	glcm	Idm	0.227051761
wavelet-LHH	glcm	Correlation	0.005134007
wavelet-LHH	glcm	Autocorrelation	352.7800507
wavelet-LHH	glcm	SumEntropy	4.383114189
wavelet-LHH	glcm	SumSquares	19.54396817
wavelet-LHH	glcm	ClusterProminence	7600.199171
wavelet-LHH	glcm	Imc2	0.92605727
wavelet-LHH	glcm	Imc1	-0.250089112
wavelet-LHH	glcm	DifferenceAverage	4.539192131
wavelet-LHH	glcm	Id	0.315735781
wavelet-LHH	glcm	ClusterTendency	39.54943076
wavelet-LHH	firstorder	InterquartileRange	130.2827432
wavelet-LHH	firstorder	Skewness	0.0779981
wavelet-LHH	firstorder	Uniformity	0.076281179
wavelet-LHH	firstorder	Median	-2.94823443
wavelet-LHH	firstorder	Energy	2756846.363
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	55.8106921
wavelet-LHH	firstorder	MeanAbsoluteDeviation	85.7787895
wavelet-LHH	firstorder	TotalEnergy	74434851.81
wavelet-LHH	firstorder	Maximum	353.0052541
wavelet-LHH	firstorder	RootMeanSquared	114.5767857
wavelet-LHH	firstorder	90Percentile	140.1267214
wavelet-LHH	firstorder	Minimum	-444.8218981
wavelet-LHH	firstorder	Entropy	4.042669481
wavelet-LHH	firstorder	Range	797.8271522
wavelet-LHH	firstorder	Variance	13068.89174
wavelet-LHH	firstorder	10Percentile	-125.8626234
wavelet-LHH	firstorder	Kurtosis	4.798048468
wavelet-LHH	firstorder	Mean	7.677765808
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.009393956
wavelet-LHH	grlm	GrayLevelVariance	21.93486825
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.009552694
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.073592438
wavelet-LHH	grlm	RunVariance	0.069282867
wavelet-LHH	grlm	GrayLevelNonUniformity	14.47639615
wavelet-LHH	grlm	LongRunEmphasis	1.210772778
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	361.0193954
wavelet-LHH	grlm	RunLengthNonUniformity	173.0617664
wavelet-LHH	grlm	ShortRunEmphasis	0.950809537
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	448.1975697
wavelet-LHH	grlm	RunPercentage	0.936630037
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.010236381
wavelet-LHH	grlm	RunEntropy	4.36631235

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	377.6438676
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.879033531
wavelet-LHH	glszm	GrayLevelVariance	34.62817576
wavelet-LHH	glszm	ZoneVariance	9.285714286
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056226572
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.485422741
wavelet-LHH	glszm	SizeZoneNonUniformity	47.57142857
wavelet-LHH	glszm	GrayLevelNonUniformity	5.510204082
wavelet-LHH	glszm	LargeAreaEmphasis	13.87755102
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	303.7198267
wavelet-LHH	glszm	ZonePercentage	0.466666667
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.057731172
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	4650.132653
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	406.1734694
wavelet-LHH	glszm	SmallAreaEmphasis	0.722258231
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.015959999
wavelet-LHH	glszm	ZoneEntropy	5.298447411
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.01506427
wavelet-LHH	ngtdm	Coarseness	0.025591266
wavelet-LHH	ngtdm	Complexity	1012.951911
wavelet-LHH	ngtdm	Strength	6.550453936
wavelet-LHH	ngtdm	Contrast	0.232209547
wavelet-LHH	ngtdm	Busyness	0.077971956
wavelet-LLH	gldm	GrayLevelVariance	41.76419501
wavelet-LLH	gldm	HighGrayLevelEmphasis	361.8333333
wavelet-LLH	gldm	DependenceEntropy	6.014857562
wavelet-LLH	gldm	DependenceNonUniformity	56.02857143
wavelet-LLH	gldm	GrayLevelNonUniformity	11.35238095
wavelet-LLH	gldm	SmallDependenceEmphasis	0.493291545
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	208.3206359
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.266802721
wavelet-LLH	gldm	LargeDependenceEmphasis	6.971428571
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032798892
wavelet-LLH	gldm	DependenceVariance	1.919637188
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2337.957143
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008812968
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011004147
wavelet-LLH	glcm	JointAverage	17.43995235
wavelet-LLH	glcm	SumAverage	34.8799047
wavelet-LLH	glcm	JointEntropy	7.325478253
wavelet-LLH	glcm	ClusterShade	392.7656109
wavelet-LLH	glcm	MaximumProbability	0.02547928
wavelet-LLH	glcm	ldmn	0.973617136
wavelet-LLH	glcm	JointEnergy	0.007590436
wavelet-LLH	glcm	Contrast	55.9967005
wavelet-LLH	glcm	DifferenceEntropy	3.756799721
wavelet-LLH	glcm	InverseVariance	0.19850255
wavelet-LLH	glcm	DifferenceVariance	25.64504045
wavelet-LLH	glcm	ldn	0.896905598
wavelet-LLH	glcm	ldm	0.190913331
wavelet-LLH	glcm	Correlation	0.195098123
wavelet-LLH	glcm	Autocorrelation	311.6692747
wavelet-LLH	glcm	SumEntropy	4.859641254

wavelet-LLH	glcm	SumSquares	35.48482603
wavelet-LLH	glcm	ClusterProminence	36817.00884
wavelet-LLH	glcm	Imc2	0.970767815
wavelet-LLH	glcm	Imc1	-0.329744873
wavelet-LLH	glcm	DifferenceAverage	5.410443365
wavelet-LLH	glcm	Id	0.28123382
wavelet-LLH	glcm	ClusterTendency	85.94260362
wavelet-LLH	firstorder	InterquartileRange	177.7772846
wavelet-LLH	firstorder	Skewness	0.535949971
wavelet-LLH	firstorder	Uniformity	0.054058957
wavelet-LLH	firstorder	Median	-43.45421306
wavelet-LLH	firstorder	Energy	5866003.753
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	78.47164545
wavelet-LLH	firstorder	MeanAbsoluteDeviation	121.8657361
wavelet-LLH	firstorder	TotalEnergy	158382101.3
wavelet-LLH	firstorder	Maximum	592.4221682
wavelet-LLH	firstorder	RootMeanSquared	167.1327353
wavelet-LLH	firstorder	90Percentile	158.4690064
wavelet-LLH	firstorder	Minimum	-456.8788246
wavelet-LLH	firstorder	Entropy	4.528496158
wavelet-LLH	firstorder	Range	1049.300993
wavelet-LLH	firstorder	Variance	26328.47253
wavelet-LLH	firstorder	10Percentile	-230.2496445
wavelet-LLH	firstorder	Kurtosis	4.176507077
wavelet-LLH	firstorder	Mean	-40.06093703
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011225022
wavelet-LLH	glrlm	GrayLevelVariance	43.25161345
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011364051
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.052443036
wavelet-LLH	glrlm	RunVariance	0.061110278
wavelet-LLH	glrlm	GrayLevelNonUniformity	10.48716676
wavelet-LLH	glrlm	LongRunEmphasis	1.165658655
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	353.1580056
wavelet-LLH	glrlm	RunLengthNonUniformity	182.7609467
wavelet-LLH	glrlm	ShortRunEmphasis	0.965364491
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	417.2723728
wavelet-LLH	glrlm	RunPercentage	0.952014652
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012000102
wavelet-LLH	glrlm	RunEntropy	4.754643708
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	364.0468554
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.913615654
wavelet-LLH	glszm	GrayLevelVariance	64.00635161
wavelet-LLH	glszm	ZoneVariance	4.821928166
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.039848771
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.562192817
wavelet-LLH	glszm	SizeZoneNonUniformity	64.65217391
wavelet-LLH	glszm	GrayLevelNonUniformity	4.582608696
wavelet-LLH	glszm	LargeAreaEmphasis	8.156521739
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	343.4932537
wavelet-LLH	glszm	ZonePercentage	0.547619048
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04125327
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2854.773913
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	406.7391304

wavelet-LLH	glszm	SmallAreaEmphasis	0.774015987
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016633715
wavelet-LLH	glszm	ZoneEntropy	5.561673343
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015497166
wavelet-LLH	ngtdm	Coarseness	0.035340976
wavelet-LLH	ngtdm	Complexity	1731.914543
wavelet-LLH	ngtdm	Strength	13.74156756
wavelet-LLH	ngtdm	Contrast	0.283502097
wavelet-LLH	ngtdm	Busyness	0.048041904
wavelet-LLL	gldm	GrayLevelVariance	488.9808617
wavelet-LLL	gldm	HighGrayLevelEmphasis	2793.895238
wavelet-LLL	gldm	DependenceEntropy	6.45504119
wavelet-LLL	gldm	DependenceNonUniformity	124.3238095
wavelet-LLL	gldm	GrayLevelNonUniformity	3.695238095
wavelet-LLL	gldm	SmallDependenceEmphasis	0.797669312
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1892.004614
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.592018141
wavelet-LLL	gldm	LargeDependenceEmphasis	2.619047619
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007306611
wavelet-LLL	gldm	DependenceVariance	0.685623583
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11213.57143
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006664833
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006765905
wavelet-LLL	glcm	JointAverage	54.31830851
wavelet-LLL	glcm	SumAverage	108.636617
wavelet-LLL	glcm	JointEntropy	8.028899915
wavelet-LLL	glcm	ClusterShade	-16326.34315
wavelet-LLL	glcm	MaximumProbability	0.010080484
wavelet-LLL	glcm	ldmn	0.931011792
wavelet-LLL	glcm	JointEnergy	0.003996823
wavelet-LLL	glcm	Contrast	602.2980365
wavelet-LLL	glcm	DifferenceEntropy	5.223584344
wavelet-LLL	glcm	InverseVariance	0.069006272
wavelet-LLL	glcm	DifferenceVariance	204.5434621
wavelet-LLL	glcm	ldn	0.830395087
wavelet-LLL	glcm	ldm	0.063928995
wavelet-LLL	glcm	Correlation	0.327815601
wavelet-LLL	glcm	Autocorrelation	3100.556404
wavelet-LLL	glcm	SumEntropy	6.206737574
wavelet-LLL	glcm	SumSquares	449.7663662
wavelet-LLL	glcm	ClusterProminence	3302350.67
wavelet-LLL	glcm	lmc2	0.999718609
wavelet-LLL	glcm	lmc1	-0.637290561
wavelet-LLL	glcm	DifferenceAverage	19.37418193
wavelet-LLL	glcm	ld	0.124380414
wavelet-LLL	glcm	ClusterTendency	1196.767428
wavelet-LLL	firstorder	InterquartileRange	950.6804834
wavelet-LLL	firstorder	Skewness	-0.143802534
wavelet-LLL	firstorder	Uniformity	0.017596372
wavelet-LLL	firstorder	Median	-574.2372694
wavelet-LLL	firstorder	Energy	142682974.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	383.9538246
wavelet-LLL	firstorder	MeanAbsoluteDeviation	480.5271885

wavelet-LLL	firstorder	TotalEnergy	3852440322
wavelet-LLL	firstorder	Maximum	322.7714677
wavelet-LLL	firstorder	RootMeanSquared	824.2831659
wavelet-LLL	firstorder	90Percentile	113.6960563
wavelet-LLL	firstorder	Minimum	-1784.691668
wavelet-LLL	firstorder	Entropy	6.03324344
wavelet-LLL	firstorder	Range	2107.463136
wavelet-LLL	firstorder	Variance	305609.175
wavelet-LLL	firstorder	10Percentile	-1363.04134
wavelet-LLL	firstorder	Kurtosis	1.886347267
wavelet-LLL	firstorder	Mean	-611.4193018
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.006859206
wavelet-LLL	grlm	GrayLevelVariance	486.0731769
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.006863704
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.017443992
wavelet-LLL	grlm	RunVariance	0.016514104
wavelet-LLL	grlm	GrayLevelNonUniformity	3.608492337
wavelet-LLL	grlm	LongRunEmphasis	1.047574605
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2707.161965
wavelet-LLL	grlm	RunLengthNonUniformity	200.9678869
wavelet-LLL	grlm	ShortRunEmphasis	0.988942287
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2996.683985
wavelet-LLL	grlm	RunPercentage	0.984981685
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.006882273
wavelet-LLL	grlm	RunEntropy	6.079778039
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2761.203666
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.971386031
wavelet-LLL	glszm	GrayLevelVariance	459.3798571
wavelet-LLL	glszm	ZoneVariance	0.366655223
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.017009457
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.779594894
wavelet-LLL	glszm	SizeZoneNonUniformity	139.547486
wavelet-LLL	glszm	GrayLevelNonUniformity	3.044692737
wavelet-LLL	glszm	LargeAreaEmphasis	1.74301676
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2089.833425
wavelet-LLL	glszm	ZonePercentage	0.852380952
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008138866
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	6178.726257
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2483.877095
wavelet-LLL	glszm	SmallAreaEmphasis	0.903939276
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007856079
wavelet-LLL	glszm	ZoneEntropy	6.327820616
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007800588
wavelet-LLL	ngtdm	Coarseness	0.020587013
wavelet-LLL	ngtdm	Complexity	33932.04501
wavelet-LLL	ngtdm	Strength	58.55958541
wavelet-LLL	ngtdm	Contrast	2.219440205
wavelet-LLL	ngtdm	Busyness	0.014364137
wavelet-HHL	gldm	GrayLevelVariance	20.41188209
wavelet-HHL	gldm	HighGrayLevelEmphasis	230.8
wavelet-HHL	gldm	DependenceEntropy	5.773002055
wavelet-HHL	gldm	DependenceNonUniformity	54.62857143
wavelet-HHL	gldm	GrayLevelNonUniformity	14.18095238

wavelet-HHL	gldm	SmallDependenceEmphasis	0.426213584
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	110.5665547
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.260136054
wavelet-HHL	gldm	LargeDependenceEmphasis	7.095238095
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049164484
wavelet-HHL	gldm	DependenceVariance	1.783310658
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1430.2
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008541659
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012173509
wavelet-HHL	glcm	JointAverage	14.63688261
wavelet-HHL	glcm	SumAverage	29.27376523
wavelet-HHL	glcm	JointEntropy	7.12682541
wavelet-HHL	glcm	ClusterShade	48.25657842
wavelet-HHL	glcm	MaximumProbability	0.023818998
wavelet-HHL	glcm	Idmn	0.956989212
wavelet-HHL	glcm	JointEnergy	0.008647817
wavelet-HHL	glcm	Contrast	39.28997058
wavelet-HHL	glcm	DifferenceEntropy	3.620251922
wavelet-HHL	glcm	InverseVariance	0.194110064
wavelet-HHL	glcm	DifferenceVariance	15.2649305
wavelet-HHL	glcm	Idn	0.864066132
wavelet-HHL	glcm	Idm	0.192866817
wavelet-HHL	glcm	Correlation	-0.005465002
wavelet-HHL	glcm	Autocorrelation	214.1510007
wavelet-HHL	glcm	SumEntropy	4.443206648
wavelet-HHL	glcm	SumSquares	19.45988582
wavelet-HHL	glcm	ClusterProminence	5395.268187
wavelet-HHL	glcm	Imc2	0.930666133
wavelet-HHL	glcm	Imc1	-0.249230262
wavelet-HHL	glcm	DifferenceAverage	4.833646613
wavelet-HHL	glcm	Id	0.286472363
wavelet-HHL	glcm	ClusterTendency	38.5495727
wavelet-HHL	firstorder	InterquartileRange	144.1884671
wavelet-HHL	firstorder	Skewness	0.274454621
wavelet-HHL	firstorder	Uniformity	0.067528345
wavelet-HHL	firstorder	Median	-8.693651397
wavelet-HHL	firstorder	Energy	2643807.73
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	62.74315796
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wavelet-HHL	firstorder	TotalEnergy	71382808.7
wavelet-HHL	firstorder	Maximum	345.5427407
wavelet-HHL	firstorder	RootMeanSquared	112.2032113
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wavelet-HHL	firstorder	Entropy	4.127539612
wavelet-HHL	firstorder	Range	672.6602991
wavelet-HHL	firstorder	Variance	12589.33252
wavelet-HHL	firstorder	10Percentile	-130.3580811
wavelet-HHL	firstorder	Kurtosis	3.253362758
wavelet-HHL	firstorder	Mean	0.47759828
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012261329
wavelet-HHL	glrlm	GrayLevelVariance	20.88501569
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.012492525

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.066412858
wavelet-HHL	grlm	RunVariance	0.058541836
wavelet-HHL	grlm	GrayLevelNonUniformity	13.24770805
wavelet-HHL	grlm	LongRunEmphasis	1.167931492
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	224.6504711
wavelet-HHL	grlm	RunLengthNonUniformity	180.9349368
wavelet-HHL	grlm	ShortRunEmphasis	0.96256198
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	266.0682648
wavelet-HHL	grlm	RunPercentage	0.94981685
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.013527453
wavelet-HHL	grlm	RunEntropy	4.364407349
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	232.3013934
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.906636571
wavelet-HHL	glszm	GrayLevelVariance	27.63691206
wavelet-HHL	glszm	ZoneVariance	5.357715148
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.057027053
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.441794703
wavelet-HHL	glszm	SizeZoneNonUniformity	45.50485437
wavelet-HHL	glszm	GrayLevelNonUniformity	5.873786408
wavelet-HHL	glszm	LargeAreaEmphasis	9.514563107
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	187.1896001
wavelet-HHL	glszm	ZonePercentage	0.49047619
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.070845515
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1854.524272
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	256.1456311
wavelet-HHL	glszm	SmallAreaEmphasis	0.69104945
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.018318992
wavelet-HHL	glszm	ZoneEntropy	5.403848741
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016282967
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wavelet-HHL	ngtdm	Contrast	0.249725987
wavelet-HHL	ngtdm	Busyness	0.115858025
wavelet-HLH	gldm	GrayLevelVariance	12.06249433
wavelet-HLH	gldm	HighGrayLevelEmphasis	146.1809524
wavelet-HLH	gldm	DependenceEntropy	5.74052594
wavelet-HLH	gldm	DependenceNonUniformity	45.59047619
wavelet-HLH	gldm	GrayLevelNonUniformity	18.54285714
wavelet-HLH	gldm	SmallDependenceEmphasis	0.40413208
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	62.09230956
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.217097506
wavelet-HLH	gldm	LargeDependenceEmphasis	10.43809524
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097111617
wavelet-HLH	gldm	DependenceVariance	3.225034014
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1392.104762
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010919062
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.016236103
wavelet-HLH	glcm	JointAverage	11.63227131
wavelet-HLH	glcm	SumAverage	23.26454262
wavelet-HLH	glcm	JointEntropy	6.707513729
wavelet-HLH	glcm	ClusterShade	-9.832132464
wavelet-HLH	glcm	MaximumProbability	0.032621522

wavelet-HLH	glcm	Idmn	0.960616225
wavelet-HLH	glcm	JointEnergy	0.012125836
wavelet-HLH	glcm	Contrast	24.01896071
wavelet-HLH	glcm	DifferenceEntropy	3.310193492
wavelet-HLH	glcm	InverseVariance	0.257095443
wavelet-HLH	glcm	DifferenceVariance	9.675623103
wavelet-HLH	glcm	Idn	0.870837058
wavelet-HLH	glcm	Idm	0.246050332
wavelet-HLH	glcm	Correlation	-0.029214195
wavelet-HLH	glcm	Autocorrelation	134.9749845
wavelet-HLH	glcm	SumEntropy	4.091966911
wavelet-HLH	glcm	SumSquares	11.66581462
wavelet-HLH	glcm	ClusterProminence	1903.876901
wavelet-HLH	glcm	Imc2	0.872332844
wavelet-HLH	glcm	Imc1	-0.194207235
wavelet-HLH	glcm	DifferenceAverage	3.743336189
wavelet-HLH	glcm	Id	0.335237296
wavelet-HLH	glcm	ClusterTendency	22.64429777
wavelet-HLH	firstorder	InterquartileRange	107.1236522
wavelet-HLH	firstorder	Skewness	-0.035350773
wavelet-HLH	firstorder	Uniformity	0.08829932
wavelet-HLH	firstorder	Median	4.282480806
wavelet-HLH	firstorder	Energy	1602844.483
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	45.08077923
wavelet-HLH	firstorder	MeanAbsoluteDeviation	67.49279193
wavelet-HLH	firstorder	TotalEnergy	43276801.04
wavelet-HLH	firstorder	Maximum	297.634035
wavelet-HLH	firstorder	RootMeanSquared	87.36471127
wavelet-HLH	firstorder	90Percentile	113.0608064
wavelet-HLH	firstorder	Minimum	-263.7094208
wavelet-HLH	firstorder	Entropy	3.761997558
wavelet-HLH	firstorder	Range	561.3434558
wavelet-HLH	firstorder	Variance	7628.555592
wavelet-HLH	firstorder	10Percentile	-105.7235689
wavelet-HLH	firstorder	Kurtosis	3.568419539
wavelet-HLH	firstorder	Mean	2.009274256
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.016340647
wavelet-HLH	grlm	GrayLevelVariance	12.58292152
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.016764853
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.085678856
wavelet-HLH	grlm	RunVariance	0.077236409
wavelet-HLH	grlm	GrayLevelNonUniformity	16.82911461
wavelet-HLH	grlm	LongRunEmphasis	1.222694147
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	140.2711908
wavelet-HLH	grlm	RunLengthNonUniformity	172.9415949
wavelet-HLH	grlm	ShortRunEmphasis	0.951048831
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	176.9631576
wavelet-HLH	grlm	RunPercentage	0.935164835
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.018696525
wavelet-HLH	grlm	RunEntropy	4.084735606
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	146.937515
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.879786336
wavelet-HLH	glszm	GrayLevelVariance	18.8264



wavelet-HLH	glszm	ZoneVariance	7.69
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.0672
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.4468
wavelet-HLH	glszm	SizeZoneNonUniformity	44.68
wavelet-HLH	glszm	GrayLevelNonUniformity	6.72
wavelet-HLH	glszm	LargeAreaEmphasis	12.1
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	107.6833024
wavelet-HLH	glszm	ZonePercentage	0.476190476
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.114057209
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1697.72
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	152.46
wavelet-HLH	glszm	SmallAreaEmphasis	0.694520213
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024397395
wavelet-HLH	glszm	ZoneEntropy	5.254177321
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021516693
wavelet-HLH	ngtdm	Coarseness	0.028705213
wavelet-HLH	ngtdm	Complexity	487.7063974
wavelet-HLH	ngtdm	Strength	3.689371639
wavelet-HLH	ngtdm	Contrast	0.161610089
wavelet-HLH	ngtdm	Busyness	0.136223454

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	745
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original	shape	Elongation	0.875084812
original	shape	SurfaceVolumeRatio	0.232269794
original	shape	Volume	20115
original	shape	MajorAxis	35.73449649
original	shape	SurfaceArea	4672.106901
original	shape	Flatness	0.752748719
original	shape	LeastAxis	26.89909646
original	shape	Maximum2DDiameterColumn	40.80441153
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original	gldm	GrayLevelVariance	120.305997
original	gldm	HighGrayLevelEmphasis	771.5489933
original	gldm	DependenceEntropy	6.62428044
original	gldm	DependenceNonUniformity	286.3557047
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original	gldm	SmallDependenceEmphasis	0.618056301
original	gldm	SmallDependenceHighGrayLevelEmphasis	404.0507878
original	gldm	DependenceNonUniformityNormalized	0.384370073
original	gldm	LargeDependenceEmphasis	3.773154362
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.026261042
original	gldm	DependenceVariance	0.844232242
original	gldm	LargeDependenceHighGrayLevelEmphasis	3816.491275
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original	gldm	LowGrayLevelEmphasis	0.008138322
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original	glcm	ClusterProminence	222533.9164
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original	firstorder	Uniformity	0.026739336
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original	glrlm	RunVariance	0.029254053
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original	glrlm	LongRunEmphasis	1.086455026
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original	glszm	SizeZoneNonUniformityNormalized	0.596541444
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original	glszm	LowGrayLevelZoneEmphasis	0.008095397
original	glszm	ZoneEntropy	6.225768635
original	glszm	SmallAreaLowGrayLevelEmphasis	0.005698034
original	ngtdm	Coarseness	0.00791479
original	ngtdm	Complexity	5086.222526
original	ngtdm	Strength	5.134527626
original	ngtdm	Contrast	0.844366919
original	ngtdm	Busyness	0.144891019
wavelet-HHH	gldm	GrayLevelVariance	21.46005315
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wavelet-HHH	gldm	DependenceNonUniformity	185.6201342
wavelet-HHH	gldm	GrayLevelNonUniformity	48.23221477
wavelet-HHH	gldm	SmallDependenceEmphasis	0.430983549
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	147.1140417
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.249154543
wavelet-HHH	gldm	LargeDependenceEmphasis	7.252348993
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.03162078
wavelet-HHH	gldm	DependenceVariance	1.778633395
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2251.120805
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006063817
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wavelet-HHH	glcm	JointEntropy	8.005322174
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wavelet-HHH	glcm	MaximumProbability	0.014586534
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wavelet-HHH	glcm	JointEnergy	0.005109108
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wavelet-HHH	glcm	DifferenceEntropy	3.813186836
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wavelet-HHH	glcm	Correlation	-0.039238163
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wavelet-HHH	glcm	SumSquares	22.35722963
wavelet-HHH	glcm	ClusterProminence	6967.859251
wavelet-HHH	glcm	Imc2	0.782780887
wavelet-HHH	glcm	Imc1	-0.112813263
wavelet-HHH	glcm	DifferenceAverage	5.25331262
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wavelet-HHH	firstorder	InterquartileRange	142.7021341
wavelet-HHH	firstorder	Skewness	-0.058032497
wavelet-HHH	firstorder	Uniformity	0.064741228
wavelet-HHH	firstorder	Median	2.546534637
wavelet-HHH	firstorder	Energy	9976823.411
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	59.6781191
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wavelet-HHH	firstorder	TotalEnergy	269374232.1
wavelet-HHH	firstorder	Maximum	367.7859074
wavelet-HHH	firstorder	RootMeanSquared	115.722553

wavelet-HHH	firstorder	90Percentile	150.6711451
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wavelet-HHH	firstorder	Entropy	4.210585555
wavelet-HHH	firstorder	Range	792.1586584
wavelet-HHH	firstorder	Variance	13391.44655
wavelet-HHH	firstorder	10Percentile	-139.9950438
wavelet-HHH	firstorder	Kurtosis	3.614682051
wavelet-HHH	firstorder	Mean	0.512566773
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.008372595
wavelet-HHH	glrlm	GrayLevelVariance	22.04936441
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008522899
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.063554775
wavelet-HHH	glrlm	RunVariance	0.056158405
wavelet-HHH	glrlm	GrayLevelNonUniformity	44.90911808
wavelet-HHH	glrlm	LongRunEmphasis	1.168088251
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	317.1907358
wavelet-HHH	glrlm	RunLengthNonUniformity	636.5143171
wavelet-HHH	glrlm	ShortRunEmphasis	0.96041272
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	381.8139534
wavelet-HHH	glrlm	RunPercentage	0.948477026
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.009159626
wavelet-HHH	glrlm	RunEntropy	4.499694207
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	329.5524913
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.900612645
wavelet-HHH	glszm	GrayLevelVariance	30.78167757
wavelet-HHH	glszm	ZoneVariance	6.538935525
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.051696154
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.462738963
wavelet-HHH	glszm	SizeZoneNonUniformity	170.7506775
wavelet-HHH	glszm	GrayLevelNonUniformity	19.07588076
wavelet-HHH	glszm	LargeAreaEmphasis	10.61517615
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	243.772913
wavelet-HHH	glszm	ZonePercentage	0.495302013
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.047060365
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3353.840108
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	340.598916
wavelet-HHH	glszm	SmallAreaEmphasis	0.706987027
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.012812732
wavelet-HHH	glszm	ZoneEntropy	5.858257705
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.011602655
wavelet-HHH	ngtdm	Coarseness	0.008297858
wavelet-HHH	ngtdm	Complexity	1225.548941
wavelet-HHH	ngtdm	Strength	1.956564478
wavelet-HHH	ngtdm	Contrast	0.199370337
wavelet-HHH	ngtdm	Busyness	0.225345635
wavelet-HLL	gldm	GrayLevelVariance	72.48339444
wavelet-HLL	gldm	HighGrayLevelEmphasis	1697.601342
wavelet-HLL	gldm	DependenceEntropy	6.534201556
wavelet-HLL	gldm	DependenceNonUniformity	259.1798658
wavelet-HLL	gldm	GrayLevelNonUniformity	26.87651007
wavelet-HLL	gldm	SmallDependenceEmphasis	0.557216804
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	962.7883001
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.347892437
wavelet-HLL	gldm	LargeDependenceEmphasis	4.175838926
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004301696
wavelet-HLL	gldm	DependenceVariance	0.867834782
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	6896.855034
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00174944

wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002063295
wavelet-HLL	glcm	JointAverage	40.13034395
wavelet-HLL	glcm	SumAverage	80.2606879
wavelet-HLL	glcm	JointEntropy	9.047325957
wavelet-HLL	glcm	ClusterShade	371.156729
wavelet-HLL	glcm	MaximumProbability	0.007064277
wavelet-HLL	glcm	Idmn	0.976292482
wavelet-HLL	glcm	JointEnergy	0.002272763
wavelet-HLL	glcm	Contrast	135.2342717
wavelet-HLL	glcm	DifferenceEntropy	4.478871136
wavelet-HLL	glcm	InverseVariance	0.121763525
wavelet-HLL	glcm	DifferenceVariance	53.23226252
wavelet-HLL	glcm	Idn	0.897732596
wavelet-HLL	glcm	Idm	0.116084604
wavelet-HLL	glcm	Correlation	0.113920805
wavelet-HLL	glcm	Autocorrelation	1619.066415
wavelet-HLL	glcm	SumEntropy	5.583281415
wavelet-HLL	glcm	SumSquares	76.23103519
wavelet-HLL	glcm	ClusterProminence	117657.0677
wavelet-HLL	glcm	Imc2	0.938163972
wavelet-HLL	glcm	Imc1	-0.210629567
wavelet-HLL	glcm	DifferenceAverage	8.832180273
wavelet-HLL	glcm	Id	0.200223333
wavelet-HLL	glcm	ClusterTendency	169.6898691
wavelet-HLL	firstorder	InterquartileRange	288.3268519
wavelet-HLL	firstorder	Skewness	0.002652261
wavelet-HLL	firstorder	Uniformity	0.036075852
wavelet-HLL	firstorder	Median	-31.06271404
wavelet-HLL	firstorder	Energy	34254515.28
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	116.3900694
wavelet-HLL	firstorder	MeanAbsoluteDeviation	166.4539238
wavelet-HLL	firstorder	TotalEnergy	924871912.6
wavelet-HLL	firstorder	Maximum	752.2210277
wavelet-HLL	firstorder	RootMeanSquared	214.4276455
wavelet-HLL	firstorder	90Percentile	209.7020122
wavelet-HLL	firstorder	Minimum	-1019.189535
wavelet-HLL	firstorder	Entropy	5.026101422
wavelet-HLL	firstorder	Range	1771.410563
wavelet-HLL	firstorder	Variance	45101.68684
wavelet-HLL	firstorder	10Percentile	-277.3604278
wavelet-HLL	firstorder	Kurtosis	4.118113274
wavelet-HLL	firstorder	Mean	-29.62310419
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002090674
wavelet-HLL	glrlm	GrayLevelVariance	73.2917411
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.002107664
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.03586604
wavelet-HLL	glrlm	RunVariance	0.033577899
wavelet-HLL	glrlm	GrayLevelNonUniformity	25.87895381
wavelet-HLL	glrlm	LongRunEmphasis	1.100384414
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1659.860388
wavelet-HLL	glrlm	RunLengthNonUniformity	677.8522716
wavelet-HLL	glrlm	ShortRunEmphasis	0.976095792
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1864.566449
wavelet-HLL	glrlm	RunPercentage	0.968508002
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.00217859
wavelet-HLL	glrlm	RunEntropy	5.199779488
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1699.249845
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.939039845

wavelet-HLL	glszm	GrayLevelVariance	84.52221074
wavelet-HLL	glszm	ZoneVariance	1.145153166
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033459122
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.519909842
wavelet-HLL	glszm	SizeZoneNonUniformity	251.6363636
wavelet-HLL	glszm	GrayLevelNonUniformity	16.19421488
wavelet-HLL	glszm	LargeAreaEmphasis	3.51446281
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1300.539441
wavelet-HLL	glszm	ZonePercentage	0.64966443
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004535753
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	5859.927686
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1719.254132
wavelet-HLL	glszm	SmallAreaEmphasis	0.749254478
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.002796514
wavelet-HLL	glszm	ZoneEntropy	6.322038116
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002617333
wavelet-HLL	ngtdm	Coarseness	0.008000476
wavelet-HLL	ngtdm	Complexity	7146.057585
wavelet-HLL	ngtdm	Strength	8.306243699
wavelet-HLL	ngtdm	Contrast	0.317320476
wavelet-HLL	ngtdm	Busyness	0.054764814
wavelet-LHL	gldm	GrayLevelVariance	100.7884257
wavelet-LHL	gldm	HighGrayLevelEmphasis	1207.4
wavelet-LHL	gldm	DependenceEntropy	6.605612021
wavelet-LHL	gldm	DependenceNonUniformity	297.5637584
wavelet-LHL	gldm	GrayLevelNonUniformity	22.27516779
wavelet-LHL	gldm	SmallDependenceEmphasis	0.617944072
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	739.2250455
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.399414441
wavelet-LHL	gldm	LargeDependenceEmphasis	3.416107383
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005571815
wavelet-LHL	gldm	DependenceVariance	0.668078015
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4112.524832
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002518679
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002941867
wavelet-LHL	glcm	JointAverage	33.1198587
wavelet-LHL	glcm	SumAverage	66.23971741
wavelet-LHL	glcm	JointEntropy	9.349376518
wavelet-LHL	glcm	ClusterShade	37.72557853
wavelet-LHL	glcm	MaximumProbability	0.006123646
wavelet-LHL	glcm	Idmn	0.964046897
wavelet-LHL	glcm	JointEnergy	0.001810591
wavelet-LHL	glcm	Contrast	196.7434303
wavelet-LHL	glcm	DifferenceEntropy	4.726693321
wavelet-LHL	glcm	InverseVariance	0.099945429
wavelet-LHL	glcm	DifferenceVariance	76.04678977
wavelet-LHL	glcm	Idn	0.875819294
wavelet-LHL	glcm	Idm	0.095789682
wavelet-LHL	glcm	Correlation	0.073100242
wavelet-LHL	glcm	Autocorrelation	1104.884773
wavelet-LHL	glcm	SumEntropy	5.786835442
wavelet-LHL	glcm	SumSquares	106.3270466
wavelet-LHL	glcm	ClusterProminence	195260.6605
wavelet-LHL	glcm	Imc2	0.963716618
wavelet-LHL	glcm	Imc1	-0.248781845
wavelet-LHL	glcm	DifferenceAverage	10.69000697
wavelet-LHL	glcm	Id	0.175689908
wavelet-LHL	glcm	ClusterTendency	228.5647559

wavelet-LHL	firstorder	InterquartileRange	325.8462207
wavelet-LHL	firstorder	Skewness	-0.147711465
wavelet-LHL	firstorder	Uniformity	0.029899554
wavelet-LHL	firstorder	Median	-29.11142277
wavelet-LHL	firstorder	Energy	47623506.21
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	138.1882874
wavelet-LHL	firstorder	MeanAbsoluteDeviation	199.1048684
wavelet-LHL	firstorder	TotalEnergy	1285834668
wavelet-LHL	firstorder	Maximum	873.7564843
wavelet-LHL	firstorder	RootMeanSquared	252.832295
wavelet-LHL	firstorder	90Percentile	274.232678
wavelet-LHL	firstorder	Minimum	-837.5207163
wavelet-LHL	firstorder	Entropy	5.304394582
wavelet-LHL	firstorder	Range	1711.277201
wavelet-LHL	firstorder	Variance	62983.3634
wavelet-LHL	firstorder	10Percentile	-342.5260755
wavelet-LHL	firstorder	Kurtosis	3.178136377
wavelet-LHL	firstorder	Mean	-30.67256112
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002968848
wavelet-LHL	glrlm	GrayLevelVariance	101.7672747
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002989914
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029696752
wavelet-LHL	glrlm	RunVariance	0.026764506
wavelet-LHL	glrlm	GrayLevelNonUniformity	21.56404752
wavelet-LHL	glrlm	LongRunEmphasis	1.079763679
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1184.117042
wavelet-LHL	glrlm	RunLengthNonUniformity	690.618112
wavelet-LHL	glrlm	ShortRunEmphasis	0.980890277
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1303.837722
wavelet-LHL	glrlm	RunPercentage	0.974703149
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.003077539
wavelet-LHL	glrlm	RunEntropy	5.44502853
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1207.29415
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.950818908
wavelet-LHL	glszm	GrayLevelVariance	115.6498323
wavelet-LHL	glszm	ZoneVariance	0.779124319
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027237635
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.573804739
wavelet-LHL	glszm	SizeZoneNonUniformity	301.8212928
wavelet-LHL	glszm	GrayLevelNonUniformity	14.3269962
wavelet-LHL	glszm	LargeAreaEmphasis	2.785171103
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	936.5555646
wavelet-LHL	glszm	ZonePercentage	0.706040268
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.005598562
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3350.511407
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1201.515209
wavelet-LHL	glszm	SmallAreaEmphasis	0.786125604
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.003712518
wavelet-LHL	glszm	ZoneEntropy	6.38430863
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003471013
wavelet-LHL	ngtdm	Coarseness	0.007961013
wavelet-LHL	ngtdm	Complexity	9981.632664
wavelet-LHL	ngtdm	Strength	8.376949526
wavelet-LHL	ngtdm	Contrast	0.462503212
wavelet-LHL	ngtdm	Busyness	0.063422679
wavelet-LHH	gldm	GrayLevelVariance	44.72572587
wavelet-LHH	gldm	HighGrayLevelEmphasis	601.052349
wavelet-LHH	gldm	DependenceEntropy	6.291040022



wavelet-LHH	gldm	DependenceNonUniformity	244.2697987
wavelet-LHH	gldm	GrayLevelNonUniformity	33.41610738
wavelet-LHH	gldm	SmallDependenceEmphasis	0.523488441
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	317.8847983
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.327878924
wavelet-LHH	gldm	LargeDependenceEmphasis	4.49261745
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.01134281
wavelet-LHH	gldm	DependenceVariance	0.895357867
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2680.512752
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003026452
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.00409595
wavelet-LHH	glcm	JointAverage	23.58953777
wavelet-LHH	glcm	SumAverage	47.17907555
wavelet-LHH	glcm	JointEntropy	8.805723933
wavelet-LHH	glcm	ClusterShade	-92.21116376
wavelet-LHH	glcm	MaximumProbability	0.009064502
wavelet-LHH	glcm	Idmn	0.955434826
wavelet-LHH	glcm	JointEnergy	0.00279364
wavelet-LHH	glcm	Contrast	100.2256539
wavelet-LHH	glcm	DifferenceEntropy	4.317766978
wavelet-LHH	glcm	InverseVariance	0.124876775
wavelet-LHH	glcm	DifferenceVariance	37.35267879
wavelet-LHH	glcm	Idn	0.860697226
wavelet-LHH	glcm	Idm	0.123948475
wavelet-LHH	glcm	Correlation	-0.012371562
wavelet-LHH	glcm	Autocorrelation	555.95175
wavelet-LHH	glcm	SumEntropy	5.216304645
wavelet-LHH	glcm	SumSquares	49.5946004
wavelet-LHH	glcm	ClusterProminence	34426.816
wavelet-LHH	glcm	Imc2	0.894744409
wavelet-LHH	glcm	Imc1	-0.168820777
wavelet-LHH	glcm	DifferenceAverage	7.799377147
wavelet-LHH	glcm	Id	0.21180116
wavelet-LHH	glcm	ClusterTendency	98.15274767
wavelet-LHH	firstorder	InterquartileRange	205.3568206
wavelet-LHH	firstorder	Skewness	-0.163220109
wavelet-LHH	firstorder	Uniformity	0.044853835
wavelet-LHH	firstorder	Median	10.13107109
wavelet-LHH	firstorder	Energy	20817398.87
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	87.97498274
wavelet-LHH	firstorder	MeanAbsoluteDeviation	130.4160472
wavelet-LHH	firstorder	TotalEnergy	562069769.5
wavelet-LHH	firstorder	Maximum	521.53899
wavelet-LHH	firstorder	RootMeanSquared	167.1610519
wavelet-LHH	firstorder	90Percentile	209.1391678
wavelet-LHH	firstorder	Minimum	-565.913002
wavelet-LHH	firstorder	Entropy	4.734933152
wavelet-LHH	firstorder	Range	1087.451992
wavelet-LHH	firstorder	Variance	27936.16167
wavelet-LHH	firstorder	10Percentile	-222.4180675
wavelet-LHH	firstorder	Kurtosis	3.295627272
wavelet-LHH	firstorder	Mean	2.57984601
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004109732
wavelet-LHH	glrlm	GrayLevelVariance	45.4015178
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.004165943
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.044334868
wavelet-LHH	glrlm	RunVariance	0.036362854
wavelet-LHH	glrlm	GrayLevelNonUniformity	31.88982161

wavelet-LHH	glrlm	LongRunEmphasis	1.109390053
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	585.6261154
wavelet-LHH	glrlm	RunLengthNonUniformity	671.1378156
wavelet-LHH	glrlm	ShortRunEmphasis	0.973726146
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	666.3182443
wavelet-LHH	glrlm	RunPercentage	0.965513681
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.004400457
wavelet-LHH	glrlm	RunEntropy	4.933669157
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	601.2697841
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.932853783
wavelet-LHH	glszm	GrayLevelVariance	55.20924526
wavelet-LHH	glszm	ZoneVariance	1.633329308
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.038782756
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.494090086
wavelet-LHH	glszm	SizeZoneNonUniformity	224.810989
wavelet-LHH	glszm	GrayLevelNonUniformity	17.64615385
wavelet-LHH	glszm	LargeAreaEmphasis	4.314285714
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	445.3649483
wavelet-LHH	glszm	ZonePercentage	0.610738255
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.012061587
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2593.393407
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	604.7252747
wavelet-LHH	glszm	SmallAreaEmphasis	0.730738805
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.00530878
wavelet-LHH	glszm	ZoneEntropy	6.150305379
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004665306
wavelet-LHH	ngtdm	Coarseness	0.008226013
wavelet-LHH	ngtdm	Complexity	3315.276482
wavelet-LHH	ngtdm	Strength	3.691024996
wavelet-LHH	ngtdm	Contrast	0.308695084
wavelet-LHH	ngtdm	Busyness	0.123722502
wavelet-LLH	gldm	GrayLevelVariance	98.26176118
wavelet-LLH	gldm	HighGrayLevelEmphasis	1108.051007
wavelet-LLH	gldm	DependenceEntropy	6.662454977
wavelet-LLH	gldm	DependenceNonUniformity	278.9409396
wavelet-LLH	gldm	GrayLevelNonUniformity	22.38255034
wavelet-LLH	gldm	SmallDependenceEmphasis	0.596372483
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	670.7019165
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.374417369
wavelet-LLH	gldm	LargeDependenceEmphasis	3.802684564
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.006662299
wavelet-LLH	gldm	DependenceVariance	0.799791
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4040.757047
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00255808
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003097885
wavelet-LLH	glcm	JointAverage	31.2573221
wavelet-LLH	glcm	SumAverage	62.5146442
wavelet-LLH	glcm	JointEntropy	9.281157006
wavelet-LLH	glcm	ClusterShade	574.2131701
wavelet-LLH	glcm	MaximumProbability	0.006461875
wavelet-LLH	glcm	Idmn	0.961582747
wavelet-LLH	glcm	JointEnergy	0.001905611
wavelet-LLH	glcm	Contrast	165.2592701
wavelet-LLH	glcm	DifferenceEntropy	4.626006716
wavelet-LLH	glcm	InverseVariance	0.114140256
wavelet-LLH	glcm	DifferenceVariance	64.35038216
wavelet-LLH	glcm	Idn	0.871984597
wavelet-LLH	glcm	Idm	0.10706443

wavelet-LLH	glcm	Correlation	0.157594287
wavelet-LLH	glcm	Autocorrelation	992.9990711
wavelet-LLH	glcm	SumEntropy	5.795809829
wavelet-LLH	glcm	SumSquares	98.57674425
wavelet-LLH	glcm	ClusterProminence	171158.1881
wavelet-LLH	glcm	Imc2	0.960857826
wavelet-LLH	glcm	Imc1	-0.243582665
wavelet-LLH	glcm	DifferenceAverage	9.810971739
wavelet-LLH	glcm	Id	0.187947029
wavelet-LLH	glcm	ClusterTendency	229.0477069
wavelet-LLH	firstorder	InterquartileRange	333.5986201
wavelet-LLH	firstorder	Skewness	0.037847151
wavelet-LLH	firstorder	Uniformity	0.030043692
wavelet-LLH	firstorder	Median	-28.9722785
wavelet-LLH	firstorder	Energy	46025218.41
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	136.7447323
wavelet-LLH	firstorder	MeanAbsoluteDeviation	197.4885529
wavelet-LLH	firstorder	TotalEnergy	1242680897
wavelet-LLH	firstorder	Maximum	709.1926995
wavelet-LLH	firstorder	RootMeanSquared	248.5534483
wavelet-LLH	firstorder	90Percentile	292.5785192
wavelet-LLH	firstorder	Minimum	-783.8310482
wavelet-LLH	firstorder	Entropy	5.2936449
wavelet-LLH	firstorder	Range	1493.023748
wavelet-LLH	firstorder	Variance	61445.04814
wavelet-LLH	firstorder	10Percentile	-321.0545905
wavelet-LLH	firstorder	Kurtosis	2.996684294
wavelet-LLH	firstorder	Mean	-18.26933296
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003122212
wavelet-LLH	glrlm	GrayLevelVariance	99.30512623
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003150315
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.029839599
wavelet-LLH	glrlm	RunVariance	0.029012552
wavelet-LLH	glrlm	GrayLevelNonUniformity	21.60345871
wavelet-LLH	glrlm	LongRunEmphasis	1.088245011
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1086.512876
wavelet-LLH	glrlm	RunLengthNonUniformity	683.942799
wavelet-LLH	glrlm	ShortRunEmphasis	0.978416615
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1203.08451
wavelet-LLH	glrlm	RunPercentage	0.971812081
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003264554
wavelet-LLH	glrlm	RunEntropy	5.449702734
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1109.413314
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.944452061
wavelet-LLH	glszm	GrayLevelVariance	113.5786851
wavelet-LLH	glszm	ZoneVariance	1.115128797
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.027474048
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.561245675
wavelet-LLH	glszm	SizeZoneNonUniformity	286.2352941
wavelet-LLH	glszm	GrayLevelNonUniformity	14.01176471
wavelet-LLH	glszm	LargeAreaEmphasis	3.249019608
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	878.1813371
wavelet-LLH	glszm	ZonePercentage	0.684563758
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.006711001
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3464.062745
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1124.070588
wavelet-LLH	glszm	SmallAreaEmphasis	0.777790305
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003921569

wavelet-LLH	glszm	ZoneEntropy	6.420834556
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003611601
wavelet-LLH	ngtdm	Coarseness	0.008742465
wavelet-LLH	ngtdm	Complexity	8810.811316
wavelet-LLH	ngtdm	Strength	8.657740958
wavelet-LLH	ngtdm	Contrast	0.410058936
wavelet-LLH	ngtdm	Busyness	0.062064821
wavelet-LLL	gldm	GrayLevelVariance	597.8870429
wavelet-LLL	gldm	HighGrayLevelEmphasis	4186.138255
wavelet-LLL	gldm	DependenceEntropy	7.228893058
wavelet-LLL	gldm	DependenceNonUniformity	402.6456376
wavelet-LLL	gldm	GrayLevelNonUniformity	9.053691275
wavelet-LLL	gldm	SmallDependenceEmphasis	0.758356823
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2911.371018
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.540463943
wavelet-LLL	gldm	LargeDependenceEmphasis	2.32885906
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002469612
wavelet-LLL	gldm	DependenceVariance	0.413700284
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11930.08188
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001923098
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002014954
wavelet-LLL	glcm	JointAverage	64.76127446
wavelet-LLL	glcm	SumAverage	129.5225489
wavelet-LLL	glcm	JointEntropy	9.954030991
wavelet-LLL	glcm	ClusterShade	-1875.406949
wavelet-LLL	glcm	MaximumProbability	0.003008567
wavelet-LLL	glcm	Idmn	0.963254726
wavelet-LLL	glcm	JointEnergy	0.001067909
wavelet-LLL	glcm	Contrast	497.143868
wavelet-LLL	glcm	DifferenceEntropy	5.410558159
wavelet-LLL	glcm	InverseVariance	0.060551968
wavelet-LLL	glcm	DifferenceVariance	177.3123152
wavelet-LLL	glcm	Idn	0.871335888
wavelet-LLL	glcm	Idm	0.05779308
wavelet-LLL	glcm	Correlation	0.565065881
wavelet-LLL	glcm	Autocorrelation	4516.246135
wavelet-LLL	glcm	SumEntropy	7.121001936
wavelet-LLL	glcm	SumSquares	570.1962109
wavelet-LLL	glcm	ClusterProminence	6698135.901
wavelet-LLL	glcm	Imc2	0.998509658
wavelet-LLL	glcm	Imc1	-0.452538342
wavelet-LLL	glcm	DifferenceAverage	17.59194153
wavelet-LLL	glcm	Id	0.122099763
wavelet-LLL	glcm	ClusterTendency	1783.640976
wavelet-LLL	firstorder	InterquartileRange	999.9296159
wavelet-LLL	firstorder	Skewness	0.100710351
wavelet-LLL	firstorder	Uniformity	0.012152606
wavelet-LLL	firstorder	Median	-1287.721694
wavelet-LLL	firstorder	Energy	1423550657
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	406.7090693
wavelet-LLL	firstorder	MeanAbsoluteDeviation	522.8711173
wavelet-LLL	firstorder	TotalEnergy	38435867748
wavelet-LLL	firstorder	Maximum	14.59499595
wavelet-LLL	firstorder	RootMeanSquared	1382.319157
wavelet-LLL	firstorder	90Percentile	-364.4000029
wavelet-LLL	firstorder	Minimum	-2723.821531
wavelet-LLL	firstorder	Entropy	6.479233968
wavelet-LLL	firstorder	Range	2738.416527

wavelet-LLL	firstorder	Variance	373596.5936
wavelet-LLL	firstorder	10Percentile	-2001.268739
wavelet-LLL	firstorder	Kurtosis	2.006915773
wavelet-LLL	firstorder	Mean	-1239.842594
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002035774
wavelet-LLL	glrlm	GrayLevelVariance	595.6787759
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.0020398
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.012155081
wavelet-LLL	glrlm	RunVariance	0.015180943
wavelet-LLL	glrlm	GrayLevelNonUniformity	8.921842953
wavelet-LLL	glrlm	LongRunEmphasis	1.045438364
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4103.473897
wavelet-LLL	glrlm	RunLengthNonUniformity	712.652279
wavelet-LLL	glrlm	ShortRunEmphasis	0.988873777
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4420.053696
wavelet-LLL	glrlm	RunPercentage	0.985234899
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002056027
wavelet-LLL	glrlm	RunEntropy	6.540353095
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4165.197901
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.970878487
wavelet-LLL	glszm	GrayLevelVariance	569.4383223
wavelet-LLL	glszm	ZoneVariance	0.366170597
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012377718
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.722051348
wavelet-LLL	glszm	SizeZoneNonUniformity	441.8954248
wavelet-LLL	glszm	GrayLevelNonUniformity	7.575163399
wavelet-LLL	glszm	LargeAreaEmphasis	1.848039216
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3290.518824
wavelet-LLL	glszm	ZonePercentage	0.82147651
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.002659482
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8900.75
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3915.455882
wavelet-LLL	glszm	SmallAreaEmphasis	0.874485961
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002372561
wavelet-LLL	glszm	ZoneEntropy	6.988738195
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002322343
wavelet-LLL	ngtdm	Coarseness	0.010575572
wavelet-LLL	ngtdm	Complexity	43354.07422
wavelet-LLL	ngtdm	Strength	38.97578296
wavelet-LLL	ngtdm	Contrast	1.211935801
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wavelet-HHL	gldm	GrayLevelVariance	34.03056439
wavelet-HHL	gldm	HighGrayLevelEmphasis	489.0080537
wavelet-HHL	gldm	DependenceEntropy	6.229359184
wavelet-HHL	gldm	DependenceNonUniformity	212.642953
wavelet-HHL	gldm	GrayLevelNonUniformity	39.33825503
wavelet-HHL	gldm	SmallDependenceEmphasis	0.491754463
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	255.9826949
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.285426783
wavelet-HHL	gldm	LargeDependenceEmphasis	5.582550336
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.016021711
wavelet-HHL	gldm	DependenceVariance	1.248329355
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2612.406711
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00316561
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.004538851
wavelet-HHL	glcm	JointAverage	21.38880739
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wavelet-HHL	glcm	JointEntropy	8.458305906

wavelet-HHL	glcm	ClusterShade	85.40737215
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wavelet-HHL	glcm	Idm	0.149475839
wavelet-HHL	glcm	Correlation	-0.0327055
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wavelet-HHL	glcm	SumEntropy	4.980379326
wavelet-HHL	glcm	SumSquares	36.23075462
wavelet-HHL	glcm	ClusterProminence	19681.50351
wavelet-HHL	glcm	Imc2	0.858731518
wavelet-HHL	glcm	Imc1	-0.147594965
wavelet-HHL	glcm	DifferenceAverage	6.584813247
wavelet-HHL	glcm	Id	0.240200729
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wavelet-HHL	firstorder	InterquartileRange	174.486683
wavelet-HHL	firstorder	Skewness	0.26647365
wavelet-HHL	firstorder	Uniformity	0.052803027
wavelet-HHL	firstorder	Median	-7.036698103
wavelet-HHL	firstorder	Energy	15815281.26
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	73.42350091
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wavelet-HHL	firstorder	Mean	-3.982268975
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004543157
wavelet-HHL	glrlm	GrayLevelVariance	34.85687578
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.004624306
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.052005667
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wavelet-HHL	glrlm	LongRunEmphasis	1.135712735
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	475.9174474
wavelet-HHL	glrlm	RunLengthNonUniformity	657.7975618
wavelet-HHL	glrlm	ShortRunEmphasis	0.968801733
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	553.1780673
wavelet-HHL	glrlm	RunPercentage	0.958389262
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.004971437
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wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	490.2138677
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wavelet-HHL	glszm	GrayLevelVariance	47.39081066
wavelet-HHL	glszm	ZoneVariance	2.808361678
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.042834467
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.505170068

wavelet-HHL	glszm	SizeZoneNonUniformity	212.1714286
wavelet-HHL	glszm	GrayLevelNonUniformity	17.99047619
wavelet-HHL	glszm	LargeAreaEmphasis	5.954761905
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	392.861501
wavelet-HHL	glszm	ZonePercentage	0.563758389
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.018177897
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2820.411905
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	511.5880952
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wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.006010473
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005243672
wavelet-HHL	ngtdm	Coarseness	0.008055962
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wavelet-HHL	ngtdm	Strength	3.762681633
wavelet-HHL	ngtdm	Contrast	0.228178446
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wavelet-HLH	gldm	GrayLevelVariance	31.7514094
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wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	188.3367552
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.290183325
wavelet-HLH	gldm	LargeDependenceEmphasis	5.569127517
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021943371
wavelet-HLH	gldm	DependenceVariance	1.290615738
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wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004480527
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wavelet-HLH	firstorder	Median	6.837569449

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wavelet-HLH	firstorder	Entropy	4.478585929
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wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.00643318
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wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006544543
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.053838446
wavelet-HLH	glrlm	RunVariance	0.045339003
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wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	427.4320604
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wavelet-HLH	glszm	ZoneVariance	3.170191998
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wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2360.235154
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	379.263658
wavelet-HLH	glszm	SmallAreaEmphasis	0.740551595
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.008554677
wavelet-HLH	glszm	ZoneEntropy	5.990910846
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007398044
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wavelet-HLH	ngtdm	Strength	3.127972924
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original	gldm	HighGrayLevelEmphasis	962.9843342
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original	gldm	SmallDependenceEmphasis	0.516220852
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original	gldm	LargeDependenceEmphasis	15.19321149
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.015195106
original	gldm	DependenceVariance	6.989399341
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original	glcm	InverseVariance	0.204317832
original	glcm	DifferenceVariance	41.52791046
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original	glcm	Correlation	0.473890753
original	glcm	Autocorrelation	1033.030091
original	glcm	SumEntropy	5.408064635
original	glcm	SumSquares	82.93830618
original	glcm	ClusterProminence	156148.1646
original	glcm	lmc2	0.968335027
original	glcm	lmc1	-0.303233482
original	glcm	DifferenceAverage	6.6613039
original	glcm	ld	0.290891584
original	glcm	ClusterTendency	244.964677
original	firstorder	InterquartileRange	432.5
original	firstorder	Skewness	-0.598191176
original	firstorder	Uniformity	0.045368092
original	firstorder	Median	-175
original	firstorder	Energy	42726667
original	firstorder	RobustMeanAbsoluteDeviation	167.3160323
original	firstorder	MeanAbsoluteDeviation	211.2375979
original	firstorder	TotalEnergy	1153620009
original	firstorder	Maximum	103
original	firstorder	RootMeanSquared	334.0028103
original	firstorder	90Percentile	34
original	firstorder	Minimum	-936
original	firstorder	Entropy	4.853226677
original	firstorder	Range	1039
original	firstorder	Variance	60028.87728
original	firstorder	10Percentile	-603.6
original	firstorder	Kurtosis	2.242123677
original	firstorder	Mean	-227
original	glrlm	ShortRunLowGrayLevelEmphasis	0.005041844
original	glrlm	GrayLevelVariance	96.64550679
original	glrlm	LowGrayLevelRunEmphasis	0.005086116
original	glrlm	GrayLevelNonUniformityNormalized	0.03990722
original	glrlm	RunVariance	0.09445664
original	glrlm	GrayLevelNonUniformity	14.19694292
original	glrlm	LongRunEmphasis	1.256242388
original	glrlm	ShortRunHighGrayLevelEmphasis	855.5339351
original	glrlm	RunLengthNonUniformity	310.5539222

original	glrlm	ShortRunEmphasis	0.947937583
original	glrlm	LongRunHighGrayLevelEmphasis	1292.763415
original	glrlm	RunPercentage	0.928298855
original	glrlm	LongRunLowGrayLevelEmphasis	0.005294761
original	glrlm	RunEntropy	5.202745988
original	glrlm	HighGrayLevelRunEmphasis	928.1992393
original	glrlm	RunLengthNonUniformityNormalized	0.872977856
original	glszm	GrayLevelVariance	87.77850453
original	glszm	ZoneVariance	15.79269044
original	glszm	GrayLevelNonUniformityNormalized	0.032173119
original	glszm	SizeZoneNonUniformityNormalized	0.644630381
original	glszm	SizeZoneNonUniformity	139.8847926
original	glszm	GrayLevelNonUniformity	6.98156682
original	glszm	LargeAreaEmphasis	18.9078341
original	glszm	SmallAreaHighGrayLevelEmphasis	539.7492534
original	glszm	ZonePercentage	0.566579634
original	glszm	LargeAreaLowGrayLevelEmphasis	0.020176809
original	glszm	LargeAreaHighGrayLevelEmphasis	27742.14286
original	glszm	HighGrayLevelZoneEmphasis	701.5391705
original	glszm	SmallAreaEmphasis	0.828471427
original	glszm	LowGrayLevelZoneEmphasis	0.007684289
original	glszm	ZoneEntropy	5.798614981
original	glszm	SmallAreaLowGrayLevelEmphasis	0.007417118
original	ngtdm	Coarseness	0.015192695
original	ngtdm	Complexity	2876.318192
original	ngtdm	Strength	11.08278377
original	ngtdm	Contrast	0.622248126
original	ngtdm	Busyness	0.052532014
wavelet-HHH	gldm	GrayLevelVariance	5.766431021
wavelet-HHH	gldm	HighGrayLevelEmphasis	114.8407311
wavelet-HHH	gldm	DependenceEntropy	5.660984456
wavelet-HHH	gldm	DependenceNonUniformity	59.54308094
wavelet-HHH	gldm	GrayLevelNonUniformity	49.44908616
wavelet-HHH	gldm	SmallDependenceEmphasis	0.283750579
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	33.55135914
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.155464963
wavelet-HHH	gldm	LargeDependenceEmphasis	17.09921671
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.16393624
wavelet-HHH	gldm	DependenceVariance	4.949532685
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1953.10705
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006790401
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013971329
wavelet-HHH	glcm	JointAverage	10.46295952
wavelet-HHH	glcm	SumAverage	20.92591903
wavelet-HHH	glcm	JointEntropy	6.192632503
wavelet-HHH	glcm	ClusterShade	-5.298069955
wavelet-HHH	glcm	MaximumProbability	0.053753255
wavelet-HHH	glcm	ldmn	0.967739444
wavelet-HHH	glcm	JointEnergy	0.019967772
wavelet-HHH	glcm	Contrast	11.76664201
wavelet-HHH	glcm	DifferenceEntropy	2.88380452
wavelet-HHH	glcm	InverseVariance	0.336568854

wavelet-HHH	glcm	DifferenceVariance	4.822189149
wavelet-HHH	glcm	Idn	0.882805313
wavelet-HHH	glcm	Idm	0.323386854
wavelet-HHH	glcm	Correlation	-0.028390147
wavelet-HHH	glcm	Autocorrelation	109.3117471
wavelet-HHH	glcm	SumEntropy	3.669867342
wavelet-HHH	glcm	SumSquares	5.721041562
wavelet-HHH	glcm	ClusterProminence	486.8447125
wavelet-HHH	glcm	Imc2	0.687081744
wavelet-HHH	glcm	Imc1	-0.099894547
wavelet-HHH	glcm	DifferenceAverage	2.605625481
wavelet-HHH	glcm	Id	0.404078443
wavelet-HHH	glcm	ClusterTendency	11.11752424
wavelet-HHH	firstorder	InterquartileRange	67.85407595
wavelet-HHH	firstorder	Skewness	-0.217921684
wavelet-HHH	firstorder	Uniformity	0.129109886
wavelet-HHH	firstorder	Median	3.595869644
wavelet-HHH	firstorder	Energy	1347115.061
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	29.7207068
wavelet-HHH	firstorder	MeanAbsoluteDeviation	45.32147551
wavelet-HHH	firstorder	TotalEnergy	36372106.64
wavelet-HHH	firstorder	Maximum	188.7905106
wavelet-HHH	firstorder	RootMeanSquared	59.30659069
wavelet-HHH	firstorder	90Percentile	71.70943954
wavelet-HHH	firstorder	Minimum	-225.6332496
wavelet-HHH	firstorder	Entropy	3.264586548
wavelet-HHH	firstorder	Range	414.4237602
wavelet-HHH	firstorder	Variance	3515.220436
wavelet-HHH	firstorder	10Percentile	-77.26651944
wavelet-HHH	firstorder	Kurtosis	3.835006043
wavelet-HHH	firstorder	Mean	-1.432222878
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013749603
wavelet-HHH	glrlm	GrayLevelVariance	6.146580231
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.014440133
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.122439209
wavelet-HHH	glrlm	RunVariance	0.121135783
wavelet-HHH	glrlm	GrayLevelNonUniformity	42.41105618
wavelet-HHH	glrlm	LongRunEmphasis	1.345297938
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	106.7015715
wavelet-HHH	glrlm	RunLengthNonUniformity	287.3105333
wavelet-HHH	glrlm	ShortRunEmphasis	0.927964938
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	154.2666768
wavelet-HHH	glrlm	RunPercentage	0.904398474
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.017732093
wavelet-HHH	glrlm	RunEntropy	3.757072423
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	114.9264613
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.828765965
wavelet-HHH	glszm	GrayLevelVariance	12.80009739
wavelet-HHH	glszm	ZoneVariance	95.58087818
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.085463842
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.487054622
wavelet-HHH	glszm	SizeZoneNonUniformity	54.06306306

wavelet-HHH	glszm	GrayLevelNonUniformity	9.486486486
wavelet-HHH	glszm	LargeAreaEmphasis	107.4864865
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	86.95302033
wavelet-HHH	glszm	ZonePercentage	0.289817232
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.971427309
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	12537.24324
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	117.1711712
wavelet-HHH	glszm	SmallAreaEmphasis	0.724419572
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.024068499
wavelet-HHH	glszm	ZoneEntropy	4.888048917
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020742152
wavelet-HHH	ngtdm	Coarseness	0.016681785
wavelet-HHH	ngtdm	Complexity	223.7427044
wavelet-HHH	ngtdm	Strength	1.424330984
wavelet-HHH	ngtdm	Contrast	0.081963128
wavelet-HHH	ngtdm	Busyness	0.28506548
wavelet-HLL	gldm	GrayLevelVariance	47.83055307
wavelet-HLL	gldm	HighGrayLevelEmphasis	494.8825065
wavelet-HLL	gldm	DependenceEntropy	6.416201809
wavelet-HLL	gldm	DependenceNonUniformity	102.2375979
wavelet-HLL	gldm	GrayLevelNonUniformity	16.35770235
wavelet-HLL	gldm	SmallDependenceEmphasis	0.470978962
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	252.201166
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.266938898
wavelet-HLL	gldm	LargeDependenceEmphasis	7.866840731
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024062612
wavelet-HLL	gldm	DependenceVariance	2.551588735
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3867.373368
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004970149
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006686106
wavelet-HLL	glcm	JointAverage	20.96263026
wavelet-HLL	glcm	SumAverage	41.92526052
wavelet-HLL	glcm	JointEntropy	8.151721725
wavelet-HLL	glcm	ClusterShade	-46.00690252
wavelet-HLL	glcm	MaximumProbability	0.014632914
wavelet-HLL	glcm	Idmn	0.961369326
wavelet-HLL	glcm	JointEnergy	0.004286534
wavelet-HLL	glcm	Contrast	63.19014893
wavelet-HLL	glcm	DifferenceEntropy	3.945924564
wavelet-HLL	glcm	InverseVariance	0.167756354
wavelet-HLL	glcm	DifferenceVariance	23.23117027
wavelet-HLL	glcm	Idn	0.871324485
wavelet-HLL	glcm	Idm	0.169318025
wavelet-HLL	glcm	Correlation	0.234763887
wavelet-HLL	glcm	Autocorrelation	449.7987134
wavelet-HLL	glcm	SumEntropy	5.219370431
wavelet-HLL	glcm	SumSquares	41.94536773
wavelet-HLL	glcm	ClusterProminence	33131.03593
wavelet-HLL	glcm	Imc2	0.945891213
wavelet-HLL	glcm	Imc1	-0.246924831
wavelet-HLL	glcm	DifferenceAverage	6.136882733
wavelet-HLL	glcm	Id	0.25758053

wavelet-HLL	glcm	ClusterTendency	104.591322
wavelet-HLL	firstorder	InterquartileRange	232.3443078
wavelet-HLL	firstorder	Skewness	-0.084169091
wavelet-HLL	firstorder	Uniformity	0.042709406
wavelet-HLL	firstorder	Median	-54.13327058
wavelet-HLL	firstorder	Energy	12755560.67
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	96.23543335
wavelet-HLL	firstorder	MeanAbsoluteDeviation	137.9873484
wavelet-HLL	firstorder	TotalEnergy	344400138
wavelet-HLL	firstorder	Maximum	361.7266677
wavelet-HLL	firstorder	RootMeanSquared	182.4947559
wavelet-HLL	firstorder	90Percentile	171.782493
wavelet-HLL	firstorder	Minimum	-568.6950422
wavelet-HLL	firstorder	Entropy	4.752089858
wavelet-HLL	firstorder	Range	930.4217099
wavelet-HLL	firstorder	Variance	29847.35402
wavelet-HLL	firstorder	10Percentile	-279.5096328
wavelet-HLL	firstorder	Kurtosis	2.785089546
wavelet-HLL	firstorder	Mean	-58.79610467
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006783904
wavelet-HLL	glrlm	GrayLevelVariance	49.12377839
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.006892163
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.041756155
wavelet-HLL	glrlm	RunVariance	0.058155463
wavelet-HLL	glrlm	GrayLevelNonUniformity	15.18916684
wavelet-HLL	glrlm	LongRunEmphasis	1.168891044
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	478.1129249
wavelet-HLL	glrlm	RunLengthNonUniformity	330.1940374
wavelet-HLL	glrlm	ShortRunEmphasis	0.962345937
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	576.0621414
wavelet-HLL	glrlm	RunPercentage	0.949789114
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.007367079
wavelet-HLL	glrlm	RunEntropy	4.996167014
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	495.983079
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.906646122
wavelet-HLL	glszm	GrayLevelVariance	64.23836451
wavelet-HLL	glszm	ZoneVariance	4.895400746
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.037293102
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.491128866
wavelet-HLL	glszm	SizeZoneNonUniformity	102.645933
wavelet-HLL	glszm	GrayLevelNonUniformity	7.794258373
wavelet-HLL	glszm	LargeAreaEmphasis	8.253588517
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	402.4788504
wavelet-HLL	glszm	ZonePercentage	0.545691906
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.027816212
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4048.478469
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	524.5358852
wavelet-HLL	glszm	SmallAreaEmphasis	0.72811925
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.009673957
wavelet-HLL	glszm	ZoneEntropy	5.966164026
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008639706
wavelet-HLL	ngtdm	Coarseness	0.016665385

wavelet-HLL	ngtdm	Complexity	2284.011546
wavelet-HLL	ngtdm	Strength	6.622759477
wavelet-HLL	ngtdm	Contrast	0.350486119
wavelet-HLL	ngtdm	Busyness	0.087872288
wavelet-LHL	gldm	GrayLevelVariance	36.39701682
wavelet-LHL	gldm	HighGrayLevelEmphasis	293.9869452
wavelet-LHL	gldm	DependenceEntropy	6.291058896
wavelet-LHL	gldm	DependenceNonUniformity	94.16449086
wavelet-LHL	gldm	GrayLevelNonUniformity	19.29765013
wavelet-LHL	gldm	SmallDependenceEmphasis	0.436406228
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	134.7159401
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.245860289
wavelet-LHL	gldm	LargeDependenceEmphasis	9.412532637
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049596164
wavelet-LHL	gldm	DependenceVariance	3.169058348
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2648.624021
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007518078
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011022866
wavelet-LHL	glcm	JointAverage	15.81851851
wavelet-LHL	glcm	SumAverage	31.63703701
wavelet-LHL	glcm	JointEntropy	7.939514884
wavelet-LHL	glcm	ClusterShade	134.0780447
wavelet-LHL	glcm	MaximumProbability	0.01871355
wavelet-LHL	glcm	ldmn	0.972537539
wavelet-LHL	glcm	JointEnergy	0.005160577
wavelet-LHL	glcm	Contrast	53.56163009
wavelet-LHL	glcm	DifferenceEntropy	3.858428813
wavelet-LHL	glcm	InverseVariance	0.177677357
wavelet-LHL	glcm	DifferenceVariance	21.68191103
wavelet-LHL	glcm	ldn	0.891486369
wavelet-LHL	glcm	ldm	0.186539268
wavelet-LHL	glcm	Correlation	0.167070664
wavelet-LHL	glcm	Autocorrelation	255.5507389
wavelet-LHL	glcm	SumEntropy	4.97771902
wavelet-LHL	glcm	SumSquares	32.09416207
wavelet-LHL	glcm	ClusterProminence	19363.84835
wavelet-LHL	glcm	lmc2	0.922062936
wavelet-LHL	glcm	lmc1	-0.215778739
wavelet-LHL	glcm	DifferenceAverage	5.544140919
wavelet-LHL	glcm	ld	0.276517202
wavelet-LHL	glcm	ClusterTendency	74.81501821
wavelet-LHL	firstorder	InterquartileRange	192.7653021
wavelet-LHL	firstorder	Skewness	0.166906442
wavelet-LHL	firstorder	Uniformity	0.050385509
wavelet-LHL	firstorder	Median	-31.95474877
wavelet-LHL	firstorder	Energy	9306240.597
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	82.6923674
wavelet-LHL	firstorder	MeanAbsoluteDeviation	119.9498935
wavelet-LHL	firstorder	TotalEnergy	251268496.1
wavelet-LHL	firstorder	Maximum	617.4777078
wavelet-LHL	firstorder	RootMeanSquared	155.8790503
wavelet-LHL	firstorder	90Percentile	152.9276997

wavelet-LHL	firstorder	Minimum	-421.6775041
wavelet-LHL	firstorder	Entropy	4.537202504
wavelet-LHL	firstorder	Range	1039.155212
wavelet-LHL	firstorder	Variance	22953.91851
wavelet-LHL	firstorder	10Percentile	-242.5417453
wavelet-LHL	firstorder	Kurtosis	3.345598954
wavelet-LHL	firstorder	Mean	-36.66551261
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011152023
wavelet-LHL	glrlm	GrayLevelVariance	37.69586076
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.011381938
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.048878033
wavelet-LHL	glrlm	RunVariance	0.069022258
wavelet-LHL	glrlm	GrayLevelNonUniformity	17.64298756
wavelet-LHL	glrlm	LongRunEmphasis	1.197049562
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	282.9090879
wavelet-LHL	glrlm	RunLengthNonUniformity	322.979876
wavelet-LHL	glrlm	ShortRunEmphasis	0.95702069
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	350.1809588
wavelet-LHL	glrlm	RunPercentage	0.942357903
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.012387801
wavelet-LHL	glrlm	RunEntropy	4.822720333
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	294.8707676
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.893957484
wavelet-LHL	glszm	GrayLevelVariance	51.68126233
wavelet-LHL	glszm	ZoneVariance	6.885890861
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040631164
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.464930966
wavelet-LHL	glszm	SizeZoneNonUniformity	90.66153846
wavelet-LHL	glszm	GrayLevelNonUniformity	7.923076923
wavelet-LHL	glszm	LargeAreaEmphasis	10.74358974
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	221.5536023
wavelet-LHL	glszm	ZonePercentage	0.509138381
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.059997338
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3024.415385
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	305.225641
wavelet-LHL	glszm	SmallAreaEmphasis	0.708394282
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016027379
wavelet-LHL	glszm	ZoneEntropy	5.890589133
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013759542
wavelet-LHL	ngtdm	Coarseness	0.017052832
wavelet-LHL	ngtdm	Complexity	1658.787547
wavelet-LHL	ngtdm	Strength	5.501357155
wavelet-LHL	ngtdm	Contrast	0.302932124
wavelet-LHL	ngtdm	Busyness	0.118389189
wavelet-LHH	gldm	GrayLevelVariance	13.73920335
wavelet-LHH	gldm	HighGrayLevelEmphasis	177.4856397
wavelet-LHH	gldm	DependenceEntropy	5.939698396
wavelet-LHH	gldm	DependenceNonUniformity	75.6997389
wavelet-LHH	gldm	GrayLevelNonUniformity	34.59791123
wavelet-LHH	gldm	SmallDependenceEmphasis	0.384255026
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	70.89805632
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.197649449



wavelet-LHH	gldm	LargeDependenceEmphasis	12.83289817
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.093276403
wavelet-LHH	gldm	DependenceVariance	4.35765463
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2014.462141
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006676768
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.011137599
wavelet-LHH	glcm	JointAverage	12.74006127
wavelet-LHH	glcm	SumAverage	25.48012255
wavelet-LHH	glcm	JointEntropy	7.0057945
wavelet-LHH	glcm	ClusterShade	37.29225804
wavelet-LHH	glcm	MaximumProbability	0.039066173
wavelet-LHH	glcm	ldmn	0.957855148
wavelet-LHH	glcm	JointEnergy	0.011935392
wavelet-LHH	glcm	Contrast	25.99302643
wavelet-LHH	glcm	DifferenceEntropy	3.380447937
wavelet-LHH	glcm	InverseVariance	0.267860395
wavelet-LHH	glcm	DifferenceVariance	10.98960975
wavelet-LHH	glcm	ldn	0.869732591
wavelet-LHH	glcm	ldm	0.256533412
wavelet-LHH	glcm	Correlation	0.002280376
wavelet-LHH	glcm	Autocorrelation	162.3523087
wavelet-LHH	glcm	SumEntropy	4.238824552
wavelet-LHH	glcm	SumSquares	13.03290091
wavelet-LHH	glcm	ClusterProminence	2571.597746
wavelet-LHH	glcm	lmc2	0.814978382
wavelet-LHH	glcm	lmc1	-0.146263001
wavelet-LHH	glcm	DifferenceAverage	3.820530986
wavelet-LHH	glcm	ld	0.341848838
wavelet-LHH	glcm	ClusterTendency	26.1385772
wavelet-LHH	firstorder	InterquartileRange	106.6127336
wavelet-LHH	firstorder	Skewness	0.252659326
wavelet-LHH	firstorder	Uniformity	0.090333972
wavelet-LHH	firstorder	Median	-7.126531482
wavelet-LHH	firstorder	Energy	3303898.315
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	44.32119923
wavelet-LHH	firstorder	MeanAbsoluteDeviation	70.15658801
wavelet-LHH	firstorder	TotalEnergy	89205254.51
wavelet-LHH	firstorder	Maximum	269.3045495
wavelet-LHH	firstorder	RootMeanSquared	92.87823404
wavelet-LHH	firstorder	90Percentile	133.6166895
wavelet-LHH	firstorder	Minimum	-281.4819955
wavelet-LHH	firstorder	Entropy	3.830376559
wavelet-LHH	firstorder	Range	550.7865451
wavelet-LHH	firstorder	Variance	8577.079645
wavelet-LHH	firstorder	10Percentile	-88.83854476
wavelet-LHH	firstorder	Kurtosis	3.470839487
wavelet-LHH	firstorder	Mean	7.020449678
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011077089
wavelet-LHH	glrlm	GrayLevelVariance	14.46040578
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.011464544
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.085363023
wavelet-LHH	glrlm	RunVariance	0.09146406

wavelet-LHH	glrlm	GrayLevelNonUniformity	30.29759878
wavelet-LHH	glrlm	LongRunEmphasis	1.257844063
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	169.8807928
wavelet-LHH	glrlm	RunLengthNonUniformity	307.4659543
wavelet-LHH	glrlm	ShortRunEmphasis	0.945004138
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	220.0563845
wavelet-LHH	glrlm	RunPercentage	0.926491263
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.013277798
wavelet-LHH	glrlm	RunEntropy	4.216201693
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	178.8014876
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.865928274
wavelet-LHH	glszm	GrayLevelVariance	22.80756657
wavelet-LHH	glszm	ZoneVariance	18.59379247
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.058879706
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.484591368
wavelet-LHH	glszm	SizeZoneNonUniformity	79.95757576
wavelet-LHH	glszm	GrayLevelNonUniformity	9.715151515
wavelet-LHH	glszm	LargeAreaEmphasis	23.98181818
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	133.4552287
wavelet-LHH	glszm	ZonePercentage	0.430809399
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.175736578
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3710.357576
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	189.1393939
wavelet-LHH	glszm	SmallAreaEmphasis	0.723033951
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016412895
wavelet-LHH	glszm	ZoneEntropy	5.39464487
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014255346
wavelet-LHH	ngtdm	Coarseness	0.016881586
wavelet-LHH	ngtdm	Complexity	511.4553229
wavelet-LHH	ngtdm	Strength	2.209185302
wavelet-LHH	ngtdm	Contrast	0.170433189
wavelet-LHH	ngtdm	Busyness	0.206110811
wavelet-LLH	gldm	GrayLevelVariance	33.63837779
wavelet-LLH	gldm	HighGrayLevelEmphasis	382.537859
wavelet-LLH	gldm	DependenceEntropy	6.226406683
wavelet-LLH	gldm	DependenceNonUniformity	94.45169713
wavelet-LLH	gldm	GrayLevelNonUniformity	20.16971279
wavelet-LLH	gldm	SmallDependenceEmphasis	0.43218503
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	183.0652009
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.246610175
wavelet-LLH	gldm	LargeDependenceEmphasis	7.234986945
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.045304044
wavelet-LLH	gldm	DependenceVariance	1.749851727
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2587.56658
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003343652
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.009267868
wavelet-LLH	glcm	JointAverage	18.47111323
wavelet-LLH	glcm	SumAverage	36.94222647
wavelet-LLH	glcm	JointEntropy	7.827623145
wavelet-LLH	glcm	ClusterShade	168.5781053
wavelet-LLH	glcm	MaximumProbability	0.016232621
wavelet-LLH	glcm	ldmn	0.973141744

wavelet-LLH	glcm	JointEnergy	0.005678118
wavelet-LLH	glcm	Contrast	49.36584718
wavelet-LLH	glcm	DifferenceEntropy	3.743601849
wavelet-LLH	glcm	InverseVariance	0.210306735
wavelet-LLH	glcm	DifferenceVariance	21.95390314
wavelet-LLH	glcm	Idn	0.894874512
wavelet-LLH	glcm	Idm	0.195420276
wavelet-LLH	glcm	Correlation	0.157941806
wavelet-LLH	glcm	Autocorrelation	345.8477983
wavelet-LLH	glcm	SumEntropy	4.908386301
wavelet-LLH	glcm	SumSquares	29.34182536
wavelet-LLH	glcm	ClusterProminence	17766.32304
wavelet-LLH	glcm	Imc2	0.922633995
wavelet-LLH	glcm	Imc1	-0.219344642
wavelet-LLH	glcm	DifferenceAverage	5.131858997
wavelet-LLH	glcm	Id	0.285659324
wavelet-LLH	glcm	ClusterTendency	68.00145426
wavelet-LLH	firstorder	InterquartileRange	171.9375926
wavelet-LLH	firstorder	Skewness	0.233604498
wavelet-LLH	firstorder	Uniformity	0.052662435
wavelet-LLH	firstorder	Median	-42.83457871
wavelet-LLH	firstorder	Energy	8739182.149
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	75.5563364
wavelet-LLH	firstorder	MeanAbsoluteDeviation	111.9387859
wavelet-LLH	firstorder	TotalEnergy	235957918
wavelet-LLH	firstorder	Maximum	476.436598
wavelet-LLH	firstorder	RootMeanSquared	151.0553142
wavelet-LLH	firstorder	90Percentile	136.7164811
wavelet-LLH	firstorder	Minimum	-479.0376452
wavelet-LLH	firstorder	Entropy	4.513105723
wavelet-LLH	firstorder	Range	955.4742432
wavelet-LLH	firstorder	Variance	20766.05485
wavelet-LLH	firstorder	10Percentile	-218.0729222
wavelet-LLH	firstorder	Kurtosis	3.498927231
wavelet-LLH	firstorder	Mean	-45.29517762
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009076619
wavelet-LLH	glrlm	GrayLevelVariance	34.6795248
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.009371741
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.051414791
wavelet-LLH	glrlm	RunVariance	0.05998246
wavelet-LLH	glrlm	GrayLevelNonUniformity	18.67759146
wavelet-LLH	glrlm	LongRunEmphasis	1.172963457
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	370.6724906
wavelet-LLH	glrlm	RunLengthNonUniformity	328.5392611
wavelet-LLH	glrlm	ShortRunEmphasis	0.961413465
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	444.9952262
wavelet-LLH	glrlm	RunPercentage	0.948383209
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.010610144
wavelet-LLH	glrlm	RunEntropy	4.779165593
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	384.2448333
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.903919169
wavelet-LLH	glszm	GrayLevelVariance	48.86005823

wavelet-LLH	glszm	ZoneVariance	4.448658816
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.040944111
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.444974104
wavelet-LLH	glszm	SizeZoneNonUniformity	87.65989848
wavelet-LLH	glszm	GrayLevelNonUniformity	8.065989848
wavelet-LLH	glszm	LargeAreaEmphasis	8.228426396
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	304.8792435
wavelet-LLH	glszm	ZonePercentage	0.514360313
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04798401
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2985.025381
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	415.6700508
wavelet-LLH	glszm	SmallAreaEmphasis	0.693530126
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009638066
wavelet-LLH	glszm	ZoneEntropy	6.008636497
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00469312
wavelet-LLH	ngtdm	Coarseness	0.01833718
wavelet-LLH	ngtdm	Complexity	1697.139078
wavelet-LLH	ngtdm	Strength	6.453902332
wavelet-LLH	ngtdm	Contrast	0.230204794
wavelet-LLH	ngtdm	Busyness	0.086850598
wavelet-LLL	gldm	GrayLevelVariance	629.1656089
wavelet-LLL	gldm	HighGrayLevelEmphasis	5329.467363
wavelet-LLL	gldm	DependenceEntropy	6.988372713
wavelet-LLL	gldm	DependenceNonUniformity	185.1462141
wavelet-LLL	gldm	GrayLevelNonUniformity	5.851174935
wavelet-LLL	gldm	SmallDependenceEmphasis	0.718185319
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3243.657427
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.483410481
wavelet-LLL	gldm	LargeDependenceEmphasis	4.315926893
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003580674
wavelet-LLL	gldm	DependenceVariance	1.686956759
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	34759.08616
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00304751
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003106154
wavelet-LLL	glcm	JointAverage	74.40740235
wavelet-LLL	glcm	SumAverage	148.8148047
wavelet-LLL	glcm	JointEntropy	8.856732466
wavelet-LLL	glcm	ClusterShade	-39065.27488
wavelet-LLL	glcm	MaximumProbability	0.011384428
wavelet-LLL	glcm	Idmn	0.962835537
wavelet-LLL	glcm	JointEnergy	0.002416703
wavelet-LLL	glcm	Contrast	463.6183607
wavelet-LLL	glcm	DifferenceEntropy	5.25288102
wavelet-LLL	glcm	InverseVariance	0.08504197
wavelet-LLL	glcm	DifferenceVariance	187.0822279
wavelet-LLL	glcm	Idn	0.87584541
wavelet-LLL	glcm	Idm	0.08473227
wavelet-LLL	glcm	Correlation	0.579819055
wavelet-LLL	glcm	Autocorrelation	5862.232657
wavelet-LLL	glcm	SumEntropy	6.678123018
wavelet-LLL	glcm	SumSquares	556.3927072
wavelet-LLL	glcm	ClusterProminence	7319626.447

wavelet-LLL	glcm	lmc2	0.999300566
wavelet-LLL	glcm	lmc1	-0.541767466
wavelet-LLL	glcm	DifferenceAverage	16.3504778
wavelet-LLL	glcm	ld	0.150692623
wavelet-LLL	glcm	ClusterTendency	1761.952468
wavelet-LLL	firstorder	InterquartileRange	1112.655838
wavelet-LLL	firstorder	Skewness	-0.351002854
wavelet-LLL	firstorder	Uniformity	0.015277219
wavelet-LLL	firstorder	Median	-637.9026481
wavelet-LLL	firstorder	Energy	324236308.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	424.5964339
wavelet-LLL	firstorder	MeanAbsoluteDeviation	538.1143526
wavelet-LLL	firstorder	TotalEnergy	8754380322
wavelet-LLL	firstorder	Maximum	238.6988349
wavelet-LLL	firstorder	RootMeanSquared	920.0923841
wavelet-LLL	firstorder	90Percentile	99.2661003
wavelet-LLL	firstorder	Minimum	-2350.774437
wavelet-LLL	firstorder	Entropy	6.259512248
wavelet-LLL	firstorder	Range	2589.473271
wavelet-LLL	firstorder	Variance	392772.1962
wavelet-LLL	firstorder	10Percentile	-1539.210951
wavelet-LLL	firstorder	Kurtosis	2.085252785
wavelet-LLL	firstorder	Mean	-673.6451582
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003175682
wavelet-LLL	glrlm	GrayLevelVariance	625.5786959
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003178612
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.014860584
wavelet-LLL	glrlm	RunVariance	0.028901317
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.556454143
wavelet-LLL	glrlm	LongRunEmphasis	1.079105584
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5118.758589
wavelet-LLL	glrlm	RunLengthNonUniformity	357.7948947
wavelet-LLL	glrlm	ShortRunEmphasis	0.983019225
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5912.716552
wavelet-LLL	glrlm	RunPercentage	0.976099618
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003192132
wavelet-LLL	glrlm	RunEntropy	6.356105777
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5257.634252
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.956759663
wavelet-LLL	glszm	GrayLevelVariance	593.1431192
wavelet-LLL	glszm	ZoneVariance	0.951175043
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013389112
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.709488708
wavelet-LLL	glszm	SizeZoneNonUniformity	212.1371237
wavelet-LLL	glszm	GrayLevelNonUniformity	4.003344482
wavelet-LLL	glszm	LargeAreaEmphasis	2.591973244
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3791.153501
wavelet-LLL	glszm	ZonePercentage	0.780678851
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004178574
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	18168.04013
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4697.280936
wavelet-LLL	glszm	SmallAreaEmphasis	0.867071304

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003922614
wavelet-LLL	glszm	ZoneEntropy	6.80075893
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003891454
wavelet-LLL	ngtdm	Coarseness	0.018582396
wavelet-LLL	ngtdm	Complexity	33532.47174
wavelet-LLL	ngtdm	Strength	68.00575951
wavelet-LLL	ngtdm	Contrast	1.556801145
wavelet-LLL	ngtdm	Busyness	0.008999923
wavelet-HHL	gldm	GrayLevelVariance	17.30365603
wavelet-HHL	gldm	HighGrayLevelEmphasis	368.156658
wavelet-HHL	gldm	DependenceEntropy	6.040541326
wavelet-HHL	gldm	DependenceNonUniformity	76.94778068
wavelet-HHL	gldm	GrayLevelNonUniformity	31.60574413
wavelet-HHL	gldm	SmallDependenceEmphasis	0.416762102
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	157.710626
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.200908044
wavelet-HHL	gldm	LargeDependenceEmphasis	13.66318538
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.0444387
wavelet-HHL	gldm	DependenceVariance	5.004533401
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4726.955614
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004470835
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.006212057
wavelet-HHL	glcm	JointAverage	18.66837259
wavelet-HHL	glcm	SumAverage	37.33674519
wavelet-HHL	glcm	JointEntropy	7.096709348
wavelet-HHL	glcm	ClusterShade	-0.329141866
wavelet-HHL	glcm	MaximumProbability	0.031444402
wavelet-HHL	glcm	ldmn	0.972059809
wavelet-HHL	glcm	JointEnergy	0.01056269
wavelet-HHL	glcm	Contrast	33.26684017
wavelet-HHL	glcm	DifferenceEntropy	3.483232769
wavelet-HHL	glcm	InverseVariance	0.249128001
wavelet-HHL	glcm	DifferenceVariance	15.97612547
wavelet-HHL	glcm	ldn	0.896030189
wavelet-HHL	glcm	ldm	0.249217595
wavelet-HHL	glcm	Correlation	-0.016000155
wavelet-HHL	glcm	Autocorrelation	348.1618949
wavelet-HHL	glcm	SumEntropy	4.329587092
wavelet-HHL	glcm	SumSquares	16.28008147
wavelet-HHL	glcm	ClusterProminence	5464.12202
wavelet-HHL	glcm	lmc2	0.852710988
wavelet-HHL	glcm	lmc1	-0.170281804
wavelet-HHL	glcm	DifferenceAverage	4.096548576
wavelet-HHL	glcm	ld	0.336561934
wavelet-HHL	glcm	ClusterTendency	31.8534857
wavelet-HHL	firstorder	InterquartileRange	107.4916215
wavelet-HHL	firstorder	Skewness	-0.027505102
wavelet-HHL	firstorder	Uniformity	0.082521525
wavelet-HHL	firstorder	Median	1.081527419
wavelet-HHL	firstorder	Energy	4148808.665
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	46.92202199
wavelet-HHL	firstorder	MeanAbsoluteDeviation	76.19027294

wavelet-HHL	firstorder	TotalEnergy	112017834
wavelet-HHL	firstorder	Maximum	327.0871994
wavelet-HHL	firstorder	RootMeanSquared	104.0788096
wavelet-HHL	firstorder	90Percentile	129.6539125
wavelet-HHL	firstorder	Minimum	-433.5068442
wavelet-HHL	firstorder	Entropy	3.960090691
wavelet-HHL	firstorder	Range	760.5940436
wavelet-HHL	firstorder	Variance	10797.07224
wavelet-HHL	firstorder	10Percentile	-104.3859171
wavelet-HHL	firstorder	Kurtosis	4.673149247
wavelet-HHL	firstorder	Mean	5.9435986
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.006307327
wavelet-HHL	grlm	GrayLevelVariance	18.30096863
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.006473907
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.078579923
wavelet-HHL	grlm	RunVariance	0.092732753
wavelet-HHL	grlm	GrayLevelNonUniformity	27.85248339
wavelet-HHL	grlm	LongRunEmphasis	1.262505917
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	349.6405734
wavelet-HHL	grlm	RunLengthNonUniformity	306.4440365
wavelet-HHL	grlm	ShortRunEmphasis	0.944129683
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	461.4255917
wavelet-HHL	grlm	RunPercentage	0.925286202
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.007261413
wavelet-HHL	grlm	RunEntropy	4.351165914
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	369.4442343
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.86406241
wavelet-HHL	glszm	GrayLevelVariance	31.10495537
wavelet-HHL	glszm	ZoneVariance	23.83140111
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058240142
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.577511029
wavelet-HHL	glszm	SizeZoneNonUniformity	98.75438596
wavelet-HHL	glszm	GrayLevelNonUniformity	9.959064327
wavelet-HHL	glszm	LargeAreaEmphasis	28.84795322
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	298.868343
wavelet-HHL	glszm	ZonePercentage	0.446475196
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.0948144
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	9750.643275
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	378.8947368
wavelet-HHL	glszm	SmallAreaEmphasis	0.785182894
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010233387
wavelet-HHL	glszm	ZoneEntropy	5.327434993
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009571389
wavelet-HHL	ngtdm	Coarseness	0.018492476
wavelet-HHL	ngtdm	Complexity	956.2485781
wavelet-HHL	ngtdm	Strength	4.304376573
wavelet-HHL	ngtdm	Contrast	0.140183329
wavelet-HHL	ngtdm	Busyness	0.087381342
wavelet-HLH	gldm	GrayLevelVariance	5.884094922
wavelet-HLH	gldm	HighGrayLevelEmphasis	64.04960836
wavelet-HLH	gldm	DependenceEntropy	5.704973539
wavelet-HLH	gldm	DependenceNonUniformity	59.52741514

wavelet-HLH	gldm	GrayLevelNonUniformity	44.84856397
wavelet-HLH	gldm	SmallDependenceEmphasis	0.264833267
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	20.01741772
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.15542406
wavelet-HLH	gldm	LargeDependenceEmphasis	16.27415144
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.354333591
wavelet-HLH	gldm	DependenceVariance	4.124467411
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	913.2663185
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015577164
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.031744184
wavelet-HLH	glcm	JointAverage	7.600946658
wavelet-HLH	glcm	SumAverage	15.20189332
wavelet-HLH	glcm	JointEntropy	6.24416465
wavelet-HLH	glcm	ClusterShade	5.150941648
wavelet-HLH	glcm	MaximumProbability	0.040797949
wavelet-HLH	glcm	ldmn	0.957795833
wavelet-HLH	glcm	JointEnergy	0.017112001
wavelet-HLH	glcm	Contrast	10.85848213
wavelet-HLH	glcm	DifferenceEntropy	2.842011708
wavelet-HLH	glcm	InverseVariance	0.317493246
wavelet-HLH	glcm	DifferenceVariance	4.144824899
wavelet-HLH	glcm	ldn	0.864534603
wavelet-HLH	glcm	ldm	0.315760646
wavelet-HLH	glcm	Correlation	-0.007176979
wavelet-HLH	glcm	Autocorrelation	57.72063479
wavelet-HLH	glcm	SumEntropy	3.681186705
wavelet-HLH	glcm	SumSquares	5.373842196
wavelet-HLH	glcm	ClusterProminence	354.987328
wavelet-HLH	glcm	lmc2	0.610741868
wavelet-HLH	glcm	lmc1	-0.073154676
wavelet-HLH	glcm	DifferenceAverage	2.57044182
wavelet-HLH	glcm	ld	0.400462114
wavelet-HLH	glcm	ClusterTendency	10.63688666
wavelet-HLH	firstorder	InterquartileRange	80.674366
wavelet-HLH	firstorder	Skewness	0.146107428
wavelet-HLH	firstorder	Uniformity	0.117098078
wavelet-HLH	firstorder	Median	0.531692878
wavelet-HLH	firstorder	Energy	1410262.546
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	33.6301653
wavelet-HLH	firstorder	MeanAbsoluteDeviation	48.3220186
wavelet-HLH	firstorder	TotalEnergy	38077088.75
wavelet-HLH	firstorder	Maximum	190.5743336
wavelet-HLH	firstorder	RootMeanSquared	60.68070238
wavelet-HLH	firstorder	90Percentile	79.42822378
wavelet-HLH	firstorder	Minimum	-164.4439856
wavelet-HLH	firstorder	Entropy	3.302919134
wavelet-HLH	firstorder	Range	355.0183191
wavelet-HLH	firstorder	Variance	3675.052658
wavelet-HLH	firstorder	10Percentile	-74.2845524
wavelet-HLH	firstorder	Kurtosis	3.00507471
wavelet-HLH	firstorder	Mean	2.663640892
wavelet-HLH	gllrm	ShortRunLowGrayLevelEmphasis	0.031311987



wavelet-HLH	glrlm	GrayLevelVariance	6.223108004
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.032847593
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.113208095
wavelet-HLH	glrlm	RunVariance	0.120984224
wavelet-HLH	glrlm	GrayLevelNonUniformity	39.21620687
wavelet-HLH	glrlm	LongRunEmphasis	1.345233836
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	60.60290448
wavelet-HLH	glrlm	RunLengthNonUniformity	287.1794446
wavelet-HLH	glrlm	ShortRunEmphasis	0.928003129
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	84.48932964
wavelet-HLH	glrlm	RunPercentage	0.904398474
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.040235316
wavelet-HLH	glrlm	RunEntropy	3.783767958
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	64.75437061
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.828534237
wavelet-HLH	glszm	GrayLevelVariance	12.30889656
wavelet-HLH	glszm	ZoneVariance	65.80944365
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.089638919
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.418230789
wavelet-HLH	glszm	SizeZoneNonUniformity	45.58715596
wavelet-HLH	glszm	GrayLevelNonUniformity	9.770642202
wavelet-HLH	glszm	LargeAreaEmphasis	78.1559633
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	54.08580686
wavelet-HLH	glszm	ZonePercentage	0.2845953
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	1.634354904
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	4272.541284
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	75.43119266
wavelet-HLH	glszm	SmallAreaEmphasis	0.671597992
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.057150599
wavelet-HLH	glszm	ZoneEntropy	5.018082138
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.048838327
wavelet-HLH	ngtdm	Coarseness	0.015659374
wavelet-HLH	ngtdm	Complexity	170.1744054
wavelet-HLH	ngtdm	Strength	0.983421424
wavelet-HLH	ngtdm	Contrast	0.110203956
wavelet-HLH	ngtdm	Busyness	0.563604794

Image type	Feature Class	Feature Name	
general	info	BoundingBox	4: RTSTRUCT: C99-DNU_segment_RUL GTV (0, 0, 1, 8, 8, 4)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	(0.9765625000000002, 0.9765625000000002, 2.0)
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general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	108
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original	shape	MinorAxis	18.85452012
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original	shape	SurfaceVolumeRatio	0.420115158
original	shape	Volume	2916
original	shape	MajorAxis	21.4419965
original	shape	SurfaceArea	1225.0558
original	shape	Flatness	0.506309523
original	shape	LeastAxis	10.85628703
original	shape	Maximum2DDiameterColumn	21.21320344
original	shape	Maximum2DDiameterRow	21.84032967
original	gldm	GrayLevelVariance	47.15046296
original	gldm	HighGrayLevelEmphasis	227.1574074
original	gldm	DependenceEntropy	5.403837474
original	gldm	DependenceNonUniformity	45.44444444
original	gldm	GrayLevelNonUniformity	5.314814815
original	gldm	SmallDependenceEmphasis	0.652584877
original	gldm	SmallDependenceHighGrayLevelEmphasis	158.9236754
original	gldm	DependenceNonUniformityNormalized	0.420781893
original	gldm	LargeDependenceEmphasis	3.111111111
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.042071975
original	gldm	DependenceVariance	0.574759945
original	gldm	LargeDependenceHighGrayLevelEmphasis	631.8425926

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.02359765
original	gldm	LowGrayLevelEmphasis	0.026113219
original	glcm	JointAverage	14.70621157
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original	glcm	JointEntropy	6.65747825
original	glcm	ClusterShade	355.6410821
original	glcm	MaximumProbability	0.026176385
original	glcm	Idmn	0.940569046
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original	glcm	Contrast	78.14909683
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original	glcm	InverseVariance	0.153150446
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original	glcm	Idn	0.841058997
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original	glcm	Correlation	0.098740729
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original	glcm	ClusterProminence	26090.04132
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original	glcm	ClusterTendency	95.16936972
original	firstorder	InterquartileRange	199.5
original	firstorder	Skewness	0.649277997
original	firstorder	Uniformity	0.049211248
original	firstorder	Median	-528
original	firstorder	Energy	30441681
original	firstorder	RobustMeanAbsoluteDeviation	92.66428855
original	firstorder	MeanAbsoluteDeviation	134.1815844
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original	firstorder	Maximum	-6
original	firstorder	RootMeanSquared	530.9118728
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original	firstorder	Entropy	4.571197806
original	firstorder	Range	810
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original	firstorder	10Percentile	-706
original	firstorder	Kurtosis	3.049486223
original	firstorder	Mean	-502.5277778
original	glrlm	ShortRunLowGrayLevelEmphasis	0.026419853
original	glrlm	GrayLevelVariance	47.84040685
original	glrlm	LowGrayLevelRunEmphasis	0.026551628
original	glrlm	GrayLevelNonUniformityNormalized	0.048693937
original	glrlm	RunVariance	0.022764876
original	glrlm	GrayLevelNonUniformity	5.139760908
original	glrlm	LongRunEmphasis	1.070551458
original	glrlm	ShortRunHighGrayLevelEmphasis	224.5638726
original	glrlm	RunLengthNonUniformity	100.7720127
original	glrlm	ShortRunEmphasis	0.982362135

original	glrlm	LongRunHighGrayLevelEmphasis	241.5687946
original	glrlm	RunPercentage	0.977207977
original	glrlm	LongRunLowGrayLevelEmphasis	0.027078726
original	glrlm	RunEntropy	4.664539512
original	glrlm	HighGrayLevelRunEmphasis	227.964857
original	glrlm	RunLengthNonUniformityNormalized	0.954470249
original	glszm	GrayLevelVariance	57.88655664
original	glszm	ZoneVariance	0.612081397
original	glszm	GrayLevelNonUniformityNormalized	0.042781606
original	glszm	SizeZoneNonUniformityNormalized	0.618330396
original	glszm	SizeZoneNonUniformity	48.84810127
original	glszm	GrayLevelNonUniformity	3.379746835
original	glszm	LargeAreaEmphasis	2.481012658
original	glszm	SmallAreaHighGrayLevelEmphasis	201.0047433
original	glszm	ZonePercentage	0.731481481
original	glszm	LargeAreaLowGrayLevelEmphasis	0.043397424
original	glszm	LargeAreaHighGrayLevelEmphasis	533.9113924
original	glszm	HighGrayLevelZoneEmphasis	237.5822785
original	glszm	SmallAreaEmphasis	0.813533755
original	glszm	LowGrayLevelZoneEmphasis	0.033078772
original	glszm	ZoneEntropy	5.25449147
original	glszm	SmallAreaLowGrayLevelEmphasis	0.031730151
original	ngtdm	Coarseness	0.047075928
original	ngtdm	Complexity	1787.913795
original	ngtdm	Strength	15.86148198
original	ngtdm	Contrast	0.537988497
original	ngtdm	Busyness	0.069667967
wavelet-HHH	gldm	GrayLevelVariance	30.88571674
wavelet-HHH	gldm	HighGrayLevelEmphasis	331.0092593
wavelet-HHH	gldm	DependenceEntropy	5.197683192
wavelet-HHH	gldm	DependenceNonUniformity	38.59259259
wavelet-HHH	gldm	GrayLevelNonUniformity	7.092592593
wavelet-HHH	gldm	SmallDependenceEmphasis	0.568207305
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	183.0807382
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.35733882
wavelet-HHH	gldm	LargeDependenceEmphasis	3.925925926
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02929863
wavelet-HHH	gldm	DependenceVariance	0.765432099
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1318.546296
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01798821
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.019480921
wavelet-HHH	glcm	JointAverage	17.47769937
wavelet-HHH	glcm	SumAverage	34.95539873
wavelet-HHH	glcm	JointEntropy	6.550390625
wavelet-HHH	glcm	ClusterShade	-289.6964348
wavelet-HHH	glcm	MaximumProbability	0.02668882
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wavelet-HHH	glcm	JointEnergy	0.011908158
wavelet-HHH	glcm	Contrast	64.35598553
wavelet-HHH	glcm	DifferenceEntropy	3.716438975
wavelet-HHH	glcm	InverseVariance	0.161553622
wavelet-HHH	glcm	DifferenceVariance	25.5480148
wavelet-HHH	glcm	Idn	0.836031259

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wavelet-HHH	glcm	Correlation	-0.037688107
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wavelet-HHH	glcm	ClusterProminence	13893.64854
wavelet-HHH	glcm	Imc2	0.987486994
wavelet-HHH	glcm	Imc1	-0.445336695
wavelet-HHH	glcm	DifferenceAverage	6.156812454
wavelet-HHH	glcm	Id	0.241665679
wavelet-HHH	glcm	ClusterTendency	59.74697901
wavelet-HHH	firstorder	InterquartileRange	135.3754609
wavelet-HHH	firstorder	Skewness	-0.839531348
wavelet-HHH	firstorder	Uniformity	0.065672154
wavelet-HHH	firstorder	Median	5.445777029
wavelet-HHH	firstorder	Energy	2075450.972
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	64.19258121
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wavelet-HHH	firstorder	Maximum	259.3367368
wavelet-HHH	firstorder	RootMeanSquared	138.6258945
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wavelet-HHH	firstorder	Minimum	-401.9561848
wavelet-HHH	firstorder	Entropy	4.236815407
wavelet-HHH	firstorder	Range	661.2929215
wavelet-HHH	firstorder	Variance	19191.42175
wavelet-HHH	firstorder	10Percentile	-193.2543972
wavelet-HHH	firstorder	Kurtosis	3.750270495
wavelet-HHH	firstorder	Mean	-5.07118138
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.019916518
wavelet-HHH	glrlm	GrayLevelVariance	31.56538303
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.019989023
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.064784595
wavelet-HHH	glrlm	RunVariance	0.037438422
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.789981164
wavelet-HHH	glrlm	LongRunEmphasis	1.102385525
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	323.4432109
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wavelet-HHH	glrlm	ShortRunEmphasis	0.978643274
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	365.4083769
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.020336442
wavelet-HHH	glrlm	RunEntropy	4.361978396
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wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.946789327
wavelet-HHH	glszm	GrayLevelVariance	41.4449514
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wavelet-HHH	glszm	GrayLevelNonUniformity	3.901408451
wavelet-HHH	glszm	LargeAreaEmphasis	3.408450704
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	241.8292553

wavelet-HHH	glszm	ZonePercentage	0.657407407
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1126.042254
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	325.6760563
wavelet-HHH	glszm	SmallAreaEmphasis	0.757599645
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.027846077
wavelet-HHH	glszm	ZoneEntropy	5.161874366
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026990528
wavelet-HHH	ngtdm	Coarseness	0.050713792
wavelet-HHH	ngtdm	Complexity	1226.042596
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wavelet-HHH	ngtdm	Contrast	0.387505683
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wavelet-HLL	gldm	GrayLevelVariance	86.78626543
wavelet-HLL	gldm	HighGrayLevelEmphasis	832.3796296
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wavelet-HLL	gldm	DependenceNonUniformity	39.07407407
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.576195988
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	414.5467464
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wavelet-HLL	gldm	LargeDependenceEmphasis	3.833333333
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wavelet-HLL	gldm	DependenceVariance	0.738340192
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3793.787037
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006779501
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.021130897
wavelet-HLL	glcm	JointAverage	27.2626055
wavelet-HLL	glcm	SumAverage	54.525211
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wavelet-HLL	glcm	ClusterShade	-1270.356173
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wavelet-HLL	glcm	JointEnergy	0.009832025
wavelet-HLL	glcm	Contrast	125.482999
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wavelet-HLL	glcm	InverseVariance	0.153579157
wavelet-HLL	glcm	DifferenceVariance	54.20567272
wavelet-HLL	glcm	ldn	0.853323187
wavelet-HLL	glcm	ldm	0.140653536
wavelet-HLL	glcm	Correlation	0.200902598
wavelet-HLL	glcm	Autocorrelation	759.5393956
wavelet-HLL	glcm	SumEntropy	4.971298142
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wavelet-HLL	glcm	ClusterProminence	112565.4933
wavelet-HLL	glcm	lmc2	0.997762987
wavelet-HLL	glcm	lmc1	-0.575877807
wavelet-HLL	glcm	DifferenceAverage	8.189317574
wavelet-HLL	glcm	ld	0.223663247
wavelet-HLL	glcm	ClusterTendency	190.2462121
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wavelet-HLL	firstorder	Skewness	-0.830739324
wavelet-HLL	firstorder	Uniformity	0.038065844

wavelet-HLL	firstorder	Median	19.81347538
wavelet-HLL	firstorder	Energy	5983893.314
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	126.8977312
wavelet-HLL	firstorder	MeanAbsoluteDeviation	186.1879831
wavelet-HLL	firstorder	TotalEnergy	161565119.5
wavelet-HLL	firstorder	Maximum	328.3418901
wavelet-HLL	firstorder	RootMeanSquared	235.3856826
wavelet-HLL	firstorder	90Percentile	247.1766429
wavelet-HLL	firstorder	Minimum	-692.2047207
wavelet-HLL	firstorder	Entropy	4.902079032
wavelet-HLL	firstorder	Range	1020.546611
wavelet-HLL	firstorder	Variance	54507.31487
wavelet-HLL	firstorder	10Percentile	-376.5254512
wavelet-HLL	firstorder	Kurtosis	3.182376125
wavelet-HLL	firstorder	Mean	-29.98507462
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.02037534
wavelet-HLL	grlm	GrayLevelVariance	87.23390053
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.020974853
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.037883275
wavelet-HLL	grlm	RunVariance	0.035174027
wavelet-HLL	grlm	GrayLevelNonUniformity	3.972143408
wavelet-HLL	grlm	LongRunEmphasis	1.097814383
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	805.0018881
wavelet-HLL	grlm	RunLengthNonUniformity	99.36657711
wavelet-HLL	grlm	ShortRunEmphasis	0.97890744
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	926.4399884
wavelet-HLL	grlm	RunPercentage	0.970797721
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.023389534
wavelet-HLL	grlm	RunEntropy	4.990222858
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	826.5842846
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.946945662
wavelet-HLL	glszm	GrayLevelVariance	92.99305556
wavelet-HLL	glszm	ZoneVariance	0.833333333
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035108025
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.533950617
wavelet-HLL	glszm	SizeZoneNonUniformity	38.44444444
wavelet-HLL	glszm	GrayLevelNonUniformity	2.527777778
wavelet-HLL	glszm	LargeAreaEmphasis	3.083333333
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	518.5260417
wavelet-HLL	glszm	ZonePercentage	0.666666667
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.061187261
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2890.041667
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	747.5
wavelet-HLL	glszm	SmallAreaEmphasis	0.758946759
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017263897
wavelet-HLL	glszm	ZoneEntropy	5.489097918
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006582877
wavelet-HLL	ngtdm	Coarseness	0.053721435
wavelet-HLL	ngtdm	Complexity	2937.740358
wavelet-HLL	ngtdm	Strength	28.19577266
wavelet-HLL	ngtdm	Contrast	0.755915707
wavelet-HLL	ngtdm	Busyness	0.019984996
wavelet-LHL	gldm	GrayLevelVariance	29.60459534

wavelet-LHL	gldm	HighGrayLevelEmphasis	245.2592593
wavelet-LHL	gldm	DependenceEntropy	5.303867738
wavelet-LHL	gldm	DependenceNonUniformity	32.18518519
wavelet-LHL	gldm	GrayLevelNonUniformity	6.833333333
wavelet-LHL	gldm	SmallDependenceEmphasis	0.527651749
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	136.2878704
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.298010974
wavelet-LHL	gldm	LargeDependenceEmphasis	5.481481481
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.052039356
wavelet-LHL	gldm	DependenceVariance	1.331961591
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1353.759259
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.024810801
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.02804593
wavelet-LHL	glcm	JointAverage	14.48135102
wavelet-LHL	glcm	SumAverage	28.96270204
wavelet-LHL	glcm	JointEntropy	6.516253317
wavelet-LHL	glcm	ClusterShade	-135.9886187
wavelet-LHL	glcm	MaximumProbability	0.033878918
wavelet-LHL	glcm	ldmn	0.941093371
wavelet-LHL	glcm	JointEnergy	0.012341498
wavelet-LHL	glcm	Contrast	56.422569
wavelet-LHL	glcm	DifferenceEntropy	3.722722409
wavelet-LHL	glcm	InverseVariance	0.174863879
wavelet-LHL	glcm	DifferenceVariance	22.41683032
wavelet-LHL	glcm	ldn	0.844231506
wavelet-LHL	glcm	ldm	0.175940233
wavelet-LHL	glcm	Correlation	-0.001828624
wavelet-LHL	glcm	Autocorrelation	209.7394102
wavelet-LHL	glcm	SumEntropy	4.458465845
wavelet-LHL	glcm	SumSquares	28.23251115
wavelet-LHL	glcm	ClusterProminence	10957.08325
wavelet-LHL	glcm	lmc2	0.985436781
wavelet-LHL	glcm	lmc1	-0.433189015
wavelet-LHL	glcm	DifferenceAverage	5.769776669
wavelet-LHL	glcm	ld	0.265681146
wavelet-LHL	glcm	ClusterTendency	56.50747561
wavelet-LHL	firstorder	InterquartileRange	166.541338
wavelet-LHL	firstorder	Skewness	-0.316078308
wavelet-LHL	firstorder	Uniformity	0.063271605
wavelet-LHL	firstorder	Median	-33.75123629
wavelet-LHL	firstorder	Energy	2249095.837
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	67.45728658
wavelet-LHL	firstorder	MeanAbsoluteDeviation	105.1172057
wavelet-LHL	firstorder	TotalEnergy	60725587.6
wavelet-LHL	firstorder	Maximum	295.9062397
wavelet-LHL	firstorder	RootMeanSquared	144.3085633
wavelet-LHL	firstorder	90Percentile	89.2353182
wavelet-LHL	firstorder	Minimum	-393.4976701
wavelet-LHL	firstorder	Entropy	4.24375376
wavelet-LHL	firstorder	Range	689.4039098
wavelet-LHL	firstorder	Variance	18737.17069
wavelet-LHL	firstorder	10Percentile	-234.4430595
wavelet-LHL	firstorder	Kurtosis	3.279029358



wavelet-LHL	firstorder	Mean	-45.6923491
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.028807352
wavelet-LHL	glrlm	GrayLevelVariance	30.37799495
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.02898022
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.062484048
wavelet-LHL	glrlm	RunVariance	0.04741959
wavelet-LHL	glrlm	GrayLevelNonUniformity	6.479608867
wavelet-LHL	glrlm	LongRunEmphasis	1.134031261
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	238.3749182
wavelet-LHL	glrlm	RunLengthNonUniformity	96.18984325
wavelet-LHL	glrlm	ShortRunEmphasis	0.970757568
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	277.5576638
wavelet-LHL	glrlm	RunPercentage	0.96011396
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.02976144
wavelet-LHL	glrlm	RunEntropy	4.398117024
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	245.4553644
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.926810709
wavelet-LHL	glszm	GrayLevelVariance	41.58764648
wavelet-LHL	glszm	ZoneVariance	2.46484375
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.052734375
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.559570313
wavelet-LHL	glszm	SizeZoneNonUniformity	35.8125
wavelet-LHL	glszm	GrayLevelNonUniformity	3.375
wavelet-LHL	glszm	LargeAreaEmphasis	5.3125
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	203.638303
wavelet-LHL	glszm	ZonePercentage	0.592592593
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.066792637
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1257.90625
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	254.109375
wavelet-LHL	glszm	SmallAreaEmphasis	0.773515625
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.042937265
wavelet-LHL	glszm	ZoneEntropy	5.042434179
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.041015621
wavelet-LHL	ngtdm	Coarseness	0.044950483
wavelet-LHL	ngtdm	Complexity	1064.951528
wavelet-LHL	ngtdm	Strength	9.286308094
wavelet-LHL	ngtdm	Contrast	0.434903898
wavelet-LHL	ngtdm	Busyness	0.060820267
wavelet-LHH	gldm	GrayLevelVariance	28.41246571
wavelet-LHH	gldm	HighGrayLevelEmphasis	236.787037
wavelet-LHH	gldm	DependenceEntropy	5.151567914
wavelet-LHH	gldm	DependenceNonUniformity	39.05555556
wavelet-LHH	gldm	GrayLevelNonUniformity	6.722222222
wavelet-LHH	gldm	SmallDependenceEmphasis	0.603171296
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	163.3668673
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.361625514
wavelet-LHH	gldm	LargeDependenceEmphasis	4.222222222
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.03816091
wavelet-LHH	gldm	DependenceVariance	0.995541838
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	830.787037
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013807864
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016521486
wavelet-LHH	glcm	JointAverage	14.55335681

wavelet-LHH	glcm	SumAverage	29.10671361
wavelet-LHH	glcm	JointEntropy	6.536671466
wavelet-LHH	glcm	ClusterShade	152.8596989
wavelet-LHH	glcm	MaximumProbability	0.024468411
wavelet-LHH	glcm	Idmn	0.951395101
wavelet-LHH	glcm	JointEnergy	0.011774602
wavelet-LHH	glcm	Contrast	61.91516995
wavelet-LHH	glcm	DifferenceEntropy	3.778994439
wavelet-LHH	glcm	InverseVariance	0.155634216
wavelet-LHH	glcm	DifferenceVariance	22.91679982
wavelet-LHH	glcm	Idn	0.853952712
wavelet-LHH	glcm	Idm	0.149218578
wavelet-LHH	glcm	Correlation	-0.049183083
wavelet-LHH	glcm	Autocorrelation	210.5078739
wavelet-LHH	glcm	SumEntropy	4.445999416
wavelet-LHH	glcm	SumSquares	29.64934417
wavelet-LHH	glcm	ClusterProminence	10423.88951
wavelet-LHH	glcm	Imc2	0.985651648
wavelet-LHH	glcm	Imc1	-0.430986748
wavelet-LHH	glcm	DifferenceAverage	6.184862167
wavelet-LHH	glcm	Id	0.241336511
wavelet-LHH	glcm	ClusterTendency	56.68220672
wavelet-LHH	firstorder	InterquartileRange	184.2536154
wavelet-LHH	firstorder	Skewness	0.44202462
wavelet-LHH	firstorder	Uniformity	0.062242798
wavelet-LHH	firstorder	Median	-17.67923385
wavelet-LHH	firstorder	Energy	1933172.585
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	76.14499278
wavelet-LHH	firstorder	MeanAbsoluteDeviation	107.0172276
wavelet-LHH	firstorder	TotalEnergy	52195659.79
wavelet-LHH	firstorder	Maximum	468.2353464
wavelet-LHH	firstorder	RootMeanSquared	133.7899329
wavelet-LHH	firstorder	90Percentile	192.6846704
wavelet-LHH	firstorder	Minimum	-347.8061576
wavelet-LHH	firstorder	Entropy	4.205779407
wavelet-LHH	firstorder	Range	816.041504
wavelet-LHH	firstorder	Variance	17896.5454
wavelet-LHH	firstorder	10Percentile	-151.1434939
wavelet-LHH	firstorder	Kurtosis	3.458156741
wavelet-LHH	firstorder	Mean	-1.789066468
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.016668796
wavelet-LHH	grlm	GrayLevelVariance	28.92742106
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.016830761
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.061353739
wavelet-LHH	grlm	RunVariance	0.030574943
wavelet-LHH	grlm	GrayLevelNonUniformity	6.423742308
wavelet-LHH	grlm	LongRunEmphasis	1.095371956
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	234.0678339
wavelet-LHH	grlm	RunLengthNonUniformity	98.32831931
wavelet-LHH	grlm	ShortRunEmphasis	0.976157011
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	256.0252998
wavelet-LHH	grlm	RunPercentage	0.969373219
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.017478621

wavelet-LHH	grlm	RunEntropy	4.343319938
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	238.4593271
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.938850114
wavelet-LHH	glszm	GrayLevelVariance	35.78626543
wavelet-LHH	glszm	ZoneVariance	1.388888889
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.057484568
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.61882716
wavelet-LHH	glszm	SizeZoneNonUniformity	44.55555556
wavelet-LHH	glszm	GrayLevelNonUniformity	4.138888889
wavelet-LHH	glszm	LargeAreaEmphasis	3.638888889
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	228.5662506
wavelet-LHH	glszm	ZonePercentage	0.666666667
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.03974623
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	734.9027778
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	264.9722222
wavelet-LHH	glszm	SmallAreaEmphasis	0.811217089
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.021294259
wavelet-LHH	glszm	ZoneEntropy	4.800075134
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02004197
wavelet-LHH	ngtdm	Coarseness	0.040630983
wavelet-LHH	ngtdm	Complexity	985.6320576
wavelet-LHH	ngtdm	Strength	8.23836778
wavelet-LHH	ngtdm	Contrast	0.510294921
wavelet-LHH	ngtdm	Busyness	0.099463779
wavelet-LLH	gldm	GrayLevelVariance	42.07098765
wavelet-LLH	gldm	HighGrayLevelEmphasis	388.4444444
wavelet-LLH	gldm	DependenceEntropy	5.402912794
wavelet-LLH	gldm	DependenceNonUniformity	41.42592593
wavelet-LLH	gldm	GrayLevelNonUniformity	5.796296296
wavelet-LLH	gldm	SmallDependenceEmphasis	0.606610082
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	234.1395319
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.383573388
wavelet-LLH	gldm	LargeDependenceEmphasis	3.481481481
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026995855
wavelet-LLH	gldm	DependenceVariance	0.641632373
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1399.185185
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012296103
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.014440652
wavelet-LLH	glcm	JointAverage	17.94128741
wavelet-LLH	glcm	SumAverage	35.88257481
wavelet-LLH	glcm	JointEntropy	6.668618272
wavelet-LLH	glcm	ClusterShade	101.1578406
wavelet-LLH	glcm	MaximumProbability	0.023202544
wavelet-LLH	glcm	ldmn	0.942126569
wavelet-LLH	glcm	JointEnergy	0.010608246
wavelet-LLH	glcm	Contrast	78.56236556
wavelet-LLH	glcm	DifferenceEntropy	3.860803453
wavelet-LLH	glcm	InverseVariance	0.130185363
wavelet-LLH	glcm	DifferenceVariance	24.81965946
wavelet-LLH	glcm	ldn	0.838258534
wavelet-LLH	glcm	ldm	0.126153866
wavelet-LLH	glcm	Correlation	0.138643661
wavelet-LLH	glcm	Autocorrelation	328.4459916

wavelet-LLH	glcm	SumEntropy	4.731519184
wavelet-LLH	glcm	SumSquares	45.77692727
wavelet-LLH	glcm	ClusterProminence	34233.96009
wavelet-LLH	glcm	Imc2	0.994118589
wavelet-LLH	glcm	Imc1	-0.50508095
wavelet-LLH	glcm	DifferenceAverage	7.167921049
wavelet-LLH	glcm	Id	0.215022933
wavelet-LLH	glcm	ClusterTendency	104.5453435
wavelet-LLH	firstorder	InterquartileRange	204.3290552
wavelet-LLH	firstorder	Skewness	-0.126156915
wavelet-LLH	firstorder	Uniformity	0.05366941
wavelet-LLH	firstorder	Median	-13.13080217
wavelet-LLH	firstorder	Energy	2891439.205
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	85.1678498
wavelet-LLH	firstorder	MeanAbsoluteDeviation	126.0925326
wavelet-LLH	firstorder	TotalEnergy	78068858.52
wavelet-LLH	firstorder	Maximum	371.2662019
wavelet-LLH	firstorder	RootMeanSquared	163.6233028
wavelet-LLH	firstorder	90Percentile	189.6068086
wavelet-LLH	firstorder	Minimum	-472.4845521
wavelet-LLH	firstorder	Entropy	4.47585975
wavelet-LLH	firstorder	Range	843.750754
wavelet-LLH	firstorder	Variance	26282.21188
wavelet-LLH	firstorder	10Percentile	-230.9346357
wavelet-LLH	firstorder	Kurtosis	2.977123507
wavelet-LLH	firstorder	Mean	-22.14437503
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014588803
wavelet-LLH	glrlm	GrayLevelVariance	42.12300249
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.014693909
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.05328338
wavelet-LLH	glrlm	RunVariance	0.029302389
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.604058741
wavelet-LLH	glrlm	LongRunEmphasis	1.085320522
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	380.1669974
wavelet-LLH	glrlm	RunLengthNonUniformity	99.96308754
wavelet-LLH	glrlm	ShortRunEmphasis	0.980337936
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	422.5520459
wavelet-LLH	glrlm	RunPercentage	0.973646724
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.015129839
wavelet-LLH	glrlm	RunEntropy	4.56609105
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	388.0485351
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.950003297
wavelet-LLH	glszm	GrayLevelVariance	43.07306667
wavelet-LLH	glszm	ZoneVariance	0.619733333
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.048888889
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.570844444
wavelet-LLH	glszm	SizeZoneNonUniformity	42.81333333
wavelet-LLH	glszm	GrayLevelNonUniformity	3.666666667
wavelet-LLH	glszm	LargeAreaEmphasis	2.693333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	301.2063889
wavelet-LLH	glszm	ZonePercentage	0.694444444
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.02773803
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1050.346667

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	387.5466667
wavelet-LLH	glszm	SmallAreaEmphasis	0.77712963
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.018351244
wavelet-LLH	glszm	ZoneEntropy	5.112170611
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017128035
wavelet-LLH	ngtdm	Coarseness	0.046072034
wavelet-LLH	ngtdm	Complexity	1469.325987
wavelet-LLH	ngtdm	Strength	12.90915593
wavelet-LLH	ngtdm	Contrast	0.533623103
wavelet-LLH	ngtdm	Busyness	0.049350637
wavelet-LLL	gldm	GrayLevelVariance	169.9811385
wavelet-LLL	gldm	HighGrayLevelEmphasis	1327.240741
wavelet-LLL	gldm	DependenceEntropy	5.807992479
wavelet-LLL	gldm	DependenceNonUniformity	46.11111111
wavelet-LLL	gldm	GrayLevelNonUniformity	3.148148148
wavelet-LLL	gldm	SmallDependenceEmphasis	0.655156893
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	801.1242284
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.426954733
wavelet-LLL	gldm	LargeDependenceEmphasis	3.018518519
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012730396
wavelet-LLL	gldm	DependenceVariance	0.540809328
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4234.962963
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01037053
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.010717569
wavelet-LLL	glcm	JointAverage	37.49006598
wavelet-LLL	glcm	SumAverage	74.98013197
wavelet-LLL	glcm	JointEntropy	6.828881544
wavelet-LLL	glcm	ClusterShade	-160.668952
wavelet-LLL	glcm	MaximumProbability	0.019081543
wavelet-LLL	glcm	Idmn	0.956909522
wavelet-LLL	glcm	JointEnergy	0.009267811
wavelet-LLL	glcm	Contrast	205.6322793
wavelet-LLL	glcm	DifferenceEntropy	4.390472871
wavelet-LLL	glcm	InverseVariance	0.081311766
wavelet-LLL	glcm	DifferenceVariance	64.484652
wavelet-LLL	glcm	Idn	0.858410545
wavelet-LLL	glcm	Idm	0.088062687
wavelet-LLL	glcm	Correlation	0.30456815
wavelet-LLL	glcm	Autocorrelation	1454.288076
wavelet-LLL	glcm	SumEntropy	5.235827574
wavelet-LLL	glcm	SumSquares	149.8626648
wavelet-LLL	glcm	ClusterProminence	405822.6466
wavelet-LLL	glcm	Imc2	0.99948648
wavelet-LLL	glcm	Imc1	-0.6737606
wavelet-LLL	glcm	DifferenceAverage	11.58372415
wavelet-LLL	glcm	Id	0.16211002
wavelet-LLL	glcm	ClusterTendency	393.8183799
wavelet-LLL	firstorder	InterquartileRange	488.068099
wavelet-LLL	firstorder	Skewness	0.059614167
wavelet-LLL	firstorder	Uniformity	0.02914952
wavelet-LLL	firstorder	Median	-1456.071233
wavelet-LLL	firstorder	Energy	242365769.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	194.0672947

wavelet-LLL	firstorder	MeanAbsoluteDeviation	265.595534
wavelet-LLL	firstorder	TotalEnergy	6543875771
wavelet-LLL	firstorder	Maximum	-675.0156335
wavelet-LLL	firstorder	RootMeanSquared	1498.041219
wavelet-LLL	firstorder	90Percentile	-1040.046905
wavelet-LLL	firstorder	Minimum	-2289.098079
wavelet-LLL	firstorder	Entropy	5.324836836
wavelet-LLL	firstorder	Range	1614.082445
wavelet-LLL	firstorder	Variance	106697.6046
wavelet-LLL	firstorder	10Percentile	-1901.219594
wavelet-LLL	firstorder	Kurtosis	2.501954256
wavelet-LLL	firstorder	Mean	-1461.995174
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.010923534
wavelet-LLL	grlm	GrayLevelVariance	171.201227
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.010940867
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.028813872
wavelet-LLL	grlm	RunVariance	0.022029297
wavelet-LLL	grlm	GrayLevelNonUniformity	3.043578539
wavelet-LLL	grlm	LongRunEmphasis	1.068973098
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1298.510539
wavelet-LLL	grlm	RunLengthNonUniformity	101.0429862
wavelet-LLL	grlm	ShortRunEmphasis	0.982756725
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1425.463761
wavelet-LLL	grlm	RunPercentage	0.977920228
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.011010197
wavelet-LLL	grlm	RunEntropy	5.388833283
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1323.901184
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.955941407
wavelet-LLL	glszm	GrayLevelVariance	184.7623438
wavelet-LLL	glszm	ZoneVariance	0.6025
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.0259375
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.611875
wavelet-LLL	glszm	SizeZoneNonUniformity	48.95
wavelet-LLL	glszm	GrayLevelNonUniformity	2.075
wavelet-LLL	glszm	LargeAreaEmphasis	2.425
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	969.7128472
wavelet-LLL	glszm	ZonePercentage	0.740740741
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015573752
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3268.225
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1272.9375
wavelet-LLL	glszm	SmallAreaEmphasis	0.810416667
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014108873
wavelet-LLL	glszm	ZoneEntropy	5.703055907
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013920689
wavelet-LLL	ngtdm	Coarseness	0.051226312
wavelet-LLL	ngtdm	Complexity	6774.394676
wavelet-LLL	ngtdm	Strength	50.33696091
wavelet-LLL	ngtdm	Contrast	1.078655167
wavelet-LLL	ngtdm	Busyness	0.014994961
wavelet-HHL	gldm	GrayLevelVariance	33.47839506
wavelet-HHL	gldm	HighGrayLevelEmphasis	309.4074074
wavelet-HHL	gldm	DependenceEntropy	5.517399164
wavelet-HHL	gldm	DependenceNonUniformity	39.16666667

wavelet-HHL	gldm	GrayLevelNonUniformity	6.444444444
wavelet-HHL	gldm	SmallDependenceEmphasis	0.588121063
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	189.4477066
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.362654321
wavelet-HHL	gldm	LargeDependenceEmphasis	4.833333333
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.033584995
wavelet-HHL	gldm	DependenceVariance	1.403978052
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1223.240741
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012798616
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.014655606
wavelet-HHL	glcm	JointAverage	16.66330404
wavelet-HHL	glcm	SumAverage	33.32660807
wavelet-HHL	glcm	JointEntropy	6.563307272
wavelet-HHL	glcm	ClusterShade	155.7084813
wavelet-HHL	glcm	MaximumProbability	0.031462059
wavelet-HHL	glcm	Idmn	0.951071176
wavelet-HHL	glcm	JointEnergy	0.011880861
wavelet-HHL	glcm	Contrast	71.3208551
wavelet-HHL	glcm	DifferenceEntropy	3.81053218
wavelet-HHL	glcm	InverseVariance	0.152828364
wavelet-HHL	glcm	DifferenceVariance	27.87735414
wavelet-HHL	glcm	Idn	0.856097374
wavelet-HHL	glcm	Idm	0.148056104
wavelet-HHL	glcm	Correlation	-0.029506672
wavelet-HHL	glcm	Autocorrelation	276.7106884
wavelet-HHL	glcm	SumEntropy	4.455783262
wavelet-HHL	glcm	SumSquares	34.67219061
wavelet-HHL	glcm	ClusterProminence	16981.46111
wavelet-HHL	glcm	Imc2	0.990980492
wavelet-HHL	glcm	Imc1	-0.47553996
wavelet-HHL	glcm	DifferenceAverage	6.497656199
wavelet-HHL	glcm	Id	0.239120837
wavelet-HHL	glcm	ClusterTendency	67.36790735
wavelet-HHL	firstorder	InterquartileRange	155.455983
wavelet-HHL	firstorder	Skewness	0.426768872
wavelet-HHL	firstorder	Uniformity	0.059670782
wavelet-HHL	firstorder	Median	-11.69049201
wavelet-HHL	firstorder	Energy	2249923.252
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	71.96989374
wavelet-HHL	firstorder	MeanAbsoluteDeviation	110.3764512
wavelet-HHL	firstorder	TotalEnergy	60747927.81
wavelet-HHL	firstorder	Maximum	459.1958461
wavelet-HHL	firstorder	RootMeanSquared	144.3351056
wavelet-HHL	firstorder	90Percentile	201.0308059
wavelet-HHL	firstorder	Minimum	-378.4188353
wavelet-HHL	firstorder	Entropy	4.369139496
wavelet-HHL	firstorder	Range	837.6146814
wavelet-HHL	firstorder	Variance	20824.04402
wavelet-HHL	firstorder	10Percentile	-168.0643731
wavelet-HHL	firstorder	Kurtosis	3.540177496
wavelet-HHL	firstorder	Mean	2.928939285
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014878737
wavelet-HHL	glrlm	GrayLevelVariance	34.08105491

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.014997252
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.058218823
wavelet-HHL	glrlm	RunVariance	0.035601602
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.0839398
wavelet-HHL	glrlm	LongRunEmphasis	1.106539899
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	304.6161349
wavelet-HHL	glrlm	RunLengthNonUniformity	98.04096806
wavelet-HHL	glrlm	ShortRunEmphasis	0.97501666
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	338.5616394
wavelet-HHL	glrlm	RunPercentage	0.967236467
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.015505562
wavelet-HHL	glrlm	RunEntropy	4.50199379
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	311.1451169
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.937413588
wavelet-HHL	glszm	GrayLevelVariance	41.41666667
wavelet-HHL	glszm	ZoneVariance	1.861111111
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.049768519
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.586033951
wavelet-HHL	glszm	SizeZoneNonUniformity	42.19444444
wavelet-HHL	glszm	GrayLevelNonUniformity	3.583333333
wavelet-HHL	glszm	LargeAreaEmphasis	4.111111111
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	256.0514298
wavelet-HHL	glszm	ZonePercentage	0.666666667
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.034971537
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1063.722222
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	324.7777778
wavelet-HHL	glszm	SmallAreaEmphasis	0.790715545
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.019700674
wavelet-HHL	glszm	ZoneEntropy	5.206257252
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018800856
wavelet-HHL	ngtdm	Coarseness	0.047546553
wavelet-HHL	ngtdm	Complexity	1376.286357
wavelet-HHL	ngtdm	Strength	12.01990866
wavelet-HHL	ngtdm	Contrast	0.412972601
wavelet-HHL	ngtdm	Busyness	0.053350668
wavelet-HLH	gldm	GrayLevelVariance	42.69718793
wavelet-HLH	gldm	HighGrayLevelEmphasis	258.3518519
wavelet-HLH	gldm	DependenceEntropy	5.465458049
wavelet-HLH	gldm	DependenceNonUniformity	37.77777778
wavelet-HLH	gldm	GrayLevelNonUniformity	5.888888889
wavelet-HLH	gldm	SmallDependenceEmphasis	0.573302469
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	160.2632459
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.349794239
wavelet-HLH	gldm	LargeDependenceEmphasis	4.111111111
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.054231739
wavelet-HLH	gldm	DependenceVariance	0.817558299
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	940.0555556
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015588881
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.020492068
wavelet-HLH	glcm	JointAverage	14.62060845
wavelet-HLH	glcm	SumAverage	29.2412169
wavelet-HLH	glcm	JointEntropy	6.633031113
wavelet-HLH	glcm	ClusterShade	233.7000129



wavelet-HLH	glcm	MaximumProbability	0.025488595
wavelet-HLH	glcm	Idmn	0.949272983
wavelet-HLH	glcm	JointEnergy	0.011013977
wavelet-HLH	glcm	Contrast	86.34089909
wavelet-HLH	glcm	DifferenceEntropy	3.975954229
wavelet-HLH	glcm	InverseVariance	0.126054901
wavelet-HLH	glcm	DifferenceVariance	31.15414303
wavelet-HLH	glcm	Idn	0.850877968
wavelet-HLH	glcm	Idm	0.13111574
wavelet-HLH	glcm	Correlation	-0.033301362
wavelet-HLH	glcm	Autocorrelation	212.4076908
wavelet-HLH	glcm	SumEntropy	4.624508802
wavelet-HLH	glcm	SumSquares	41.7662124
wavelet-HLH	glcm	ClusterProminence	23533.43856
wavelet-HLH	glcm	Imc2	0.992569373
wavelet-HLH	glcm	Imc1	-0.490806836
wavelet-HLH	glcm	DifferenceAverage	7.308635975
wavelet-HLH	glcm	Id	0.220107452
wavelet-HLH	glcm	ClusterTendency	80.72395051
wavelet-HLH	firstorder	InterquartileRange	218.2607168
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wavelet-HLH	firstorder	Median	11.11416607
wavelet-HLH	firstorder	Energy	2850671.672
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	83.72733491
wavelet-HLH	firstorder	MeanAbsoluteDeviation	125.2139391
wavelet-HLH	firstorder	TotalEnergy	76968135.14
wavelet-HLH	firstorder	Maximum	589.8484952
wavelet-HLH	firstorder	RootMeanSquared	162.4657135
wavelet-HLH	firstorder	90Percentile	176.4377069
wavelet-HLH	firstorder	Minimum	-332.7244381
wavelet-HLH	firstorder	Entropy	4.42227324
wavelet-HLH	firstorder	Range	922.5729334
wavelet-HLH	firstorder	Variance	26381.32818
wavelet-HLH	firstorder	10Percentile	-202.2965333
wavelet-HLH	firstorder	Kurtosis	3.882104792
wavelet-HLH	firstorder	Mean	3.71212824
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020525897
wavelet-HLH	glrlm	GrayLevelVariance	43.10714145
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.020800085
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.054368639
wavelet-HLH	glrlm	RunVariance	0.031252812
wavelet-HLH	glrlm	GrayLevelNonUniformity	5.688066385
wavelet-HLH	glrlm	LongRunEmphasis	1.098613676
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	254.034104
wavelet-HLH	glrlm	RunLengthNonUniformity	98.17710777
wavelet-HLH	glrlm	ShortRunEmphasis	0.975346581
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	281.4842964
wavelet-HLH	glrlm	RunPercentage	0.968660969
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021896834
wavelet-HLH	glrlm	RunEntropy	4.53366278
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	259.5241425
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.937494375

wavelet-HLH	glszm	GrayLevelVariance	48.9581535
wavelet-HLH	glszm	ZoneVariance	0.742728467
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.050478514
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.539876149
wavelet-HLH	glszm	SizeZoneNonUniformity	39.4109589
wavelet-HLH	glszm	GrayLevelNonUniformity	3.684931507
wavelet-HLH	glszm	LargeAreaEmphasis	2.931506849
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	217.3845129
wavelet-HLH	glszm	ZonePercentage	0.675925926
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.045250931
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	708.4109589
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	273.1369863
wavelet-HLH	glszm	SmallAreaEmphasis	0.762557078
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024968515
wavelet-HLH	glszm	ZoneEntropy	5.282443313
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022083191
wavelet-HLH	ngtdm	Coarseness	0.039875911
wavelet-HLH	ngtdm	Complexity	1773.517043
wavelet-HLH	ngtdm	Strength	12.13134553
wavelet-HLH	ngtdm	Contrast	0.614580166
wavelet-HLH	ngtdm	Busyness	0.068783068

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general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	219
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original	shape	SurfaceVolumeRatio	0.35374072
original	shape	Volume	5913
original	shape	MajorAxis	43.46238839
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original	shape	LeastAxis	13.07875925
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original	gldm	GrayLevelVariance	11.69541919
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original	gldm	DependenceEntropy	5.672337935
original	gldm	DependenceNonUniformity	33.32876712
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original	gldm	SmallDependenceEmphasis	0.278709802
original	gldm	SmallDependenceHighGrayLevelEmphasis	40.3399949
original	gldm	DependenceNonUniformityNormalized	0.152186151
original	gldm	LargeDependenceEmphasis	16.8173516
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.082358849
original	gldm	DependenceVariance	4.615249891
original	gldm	LargeDependenceHighGrayLevelEmphasis	4033.205479
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007782615
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original	glcm	JointAverage	14.3234171
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original	glcm	ClusterShade	-99.45041692
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original	glcm	Idn	0.881726417
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original	glcm	ClusterTendency	24.79094036
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original	firstorder	Skewness	-0.897335235
original	firstorder	Uniformity	0.099893664
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original	firstorder	Energy	2754914
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original	glrlm	LowGrayLevelRunEmphasis	0.012544897
original	glrlm	GrayLevelNonUniformityNormalized	0.095073685
original	glrlm	RunVariance	0.118191451
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original	glrlm	LongRunEmphasis	1.344227576
original	glrlm	ShortRunHighGrayLevelEmphasis	176.2304443
original	glrlm	RunLengthNonUniformity	163.9073314
original	glrlm	ShortRunEmphasis	0.926868437
original	glrlm	LongRunHighGrayLevelEmphasis	274.5339048
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original	glrlm	RunEntropy	4.025701949
original	glrlm	HighGrayLevelRunEmphasis	193.3300964
original	glrlm	RunLengthNonUniformityNormalized	0.826738666

original	glszm	GrayLevelVariance	14.57684369
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original	glszm	SizeZoneNonUniformityNormalized	0.376618503
original	glszm	SizeZoneNonUniformity	27.49315068
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original	glszm	LargeAreaHighGrayLevelEmphasis	8571.09589
original	glszm	HighGrayLevelZoneEmphasis	142.9178082
original	glszm	SmallAreaEmphasis	0.629752882
original	glszm	LowGrayLevelZoneEmphasis	0.024905457
original	glszm	ZoneEntropy	4.876258594
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022012207
original	ngtdm	Coarseness	0.031996862
original	ngtdm	Complexity	203.6877739
original	ngtdm	Strength	3.00349847
original	ngtdm	Contrast	0.202822328
original	ngtdm	Busyness	0.141565754
wavelet-HHH	gldm	GrayLevelVariance	2.770417631
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wavelet-HHH	gldm	DependenceNonUniformity	27.72146119
wavelet-HHH	gldm	GrayLevelNonUniformity	41.34703196
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wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	12.97750832
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.126582015
wavelet-HHH	gldm	LargeDependenceEmphasis	25.03652968
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.463741534
wavelet-HHH	gldm	DependenceVariance	6.337816142
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wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009462271
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025602349
wavelet-HHH	glcm	JointAverage	7.494033243
wavelet-HHH	glcm	SumAverage	14.98806649
wavelet-HHH	glcm	JointEntropy	5.069286648
wavelet-HHH	glcm	ClusterShade	-0.518666175
wavelet-HHH	glcm	MaximumProbability	0.088573471
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wavelet-HHH	glcm	JointEnergy	0.041183926
wavelet-HHH	glcm	Contrast	5.189995203
wavelet-HHH	glcm	DifferenceEntropy	2.351331836
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wavelet-HHH	glcm	Correlation	-0.022370706
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wavelet-HHH	glcm	ClusterProminence	106.7023153
wavelet-HHH	glcm	Imc2	0.64196815
wavelet-HHH	glcm	Imc1	-0.102147263

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wavelet-HHH	firstorder	Median	1.497335065
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wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	19.7705291
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wavelet-HHH	firstorder	Kurtosis	4.723284612
wavelet-HHH	firstorder	Mean	0.117468683
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024755688
wavelet-HHH	glrlm	GrayLevelVariance	3.024238514
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026593471
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.179472366
wavelet-HHH	glrlm	RunVariance	0.173747578
wavelet-HHH	glrlm	GrayLevelNonUniformity	34.28692187
wavelet-HHH	glrlm	LongRunEmphasis	1.492975981
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	53.45362165
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wavelet-HHH	glszm	ZoneEntropy	4.208924987
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.046973857
wavelet-HHH	ngtdm	Coarseness	0.028107315
wavelet-HHH	ngtdm	Complexity	78.45489985

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wavelet-HLL	gldm	GrayLevelVariance	3.865682534
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.236189701
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wavelet-HLL	glcm	SumEntropy	3.300457079
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wavelet-HLL	glcm	ClusterProminence	207.7109168
wavelet-HLL	glcm	Imc2	0.715033829
wavelet-HLL	glcm	Imc1	-0.127013961
wavelet-HLL	glcm	DifferenceAverage	2.034149464
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wavelet-HLL	glcm	ClusterTendency	6.918948244
wavelet-HLL	firstorder	InterquartileRange	56.83353007
wavelet-HLL	firstorder	Skewness	-0.516952987
wavelet-HLL	firstorder	Uniformity	0.156064302
wavelet-HLL	firstorder	Median	-6.810096345
wavelet-HLL	firstorder	Energy	551447.086
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	24.54402844
wavelet-HLL	firstorder	MeanAbsoluteDeviation	37.45009528
wavelet-HLL	firstorder	TotalEnergy	14889071.32
wavelet-HLL	firstorder	Maximum	119.7802768
wavelet-HLL	firstorder	RootMeanSquared	50.17990857
wavelet-HLL	firstorder	90Percentile	47.02154807
wavelet-HLL	firstorder	Minimum	-216.0199944
wavelet-HLL	firstorder	Entropy	2.962746721
wavelet-HLL	firstorder	Range	335.8002712
wavelet-HLL	firstorder	Variance	2413.323989

wavelet-HLL	firstorder	10Percentile	-69.10273775
wavelet-HLL	firstorder	Kurtosis	4.357227866
wavelet-HLL	firstorder	Mean	-10.23226437
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01864494
wavelet-HLL	glrlm	GrayLevelVariance	4.152124214
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.019611328
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.149173454
wavelet-HLL	glrlm	RunVariance	0.130688337
wavelet-HLL	glrlm	GrayLevelNonUniformity	29.30706879
wavelet-HLL	glrlm	LongRunEmphasis	1.377081901
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	79.86683497
wavelet-HLL	glrlm	RunLengthNonUniformity	160.3913577
wavelet-HLL	glrlm	ShortRunEmphasis	0.921308018
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	119.5859209
wavelet-HLL	glrlm	RunPercentage	0.897084651
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.024236524
wavelet-HLL	glrlm	RunEntropy	3.467459066
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	86.72330068
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.814973369
wavelet-HLL	glszm	GrayLevelVariance	9.647891659
wavelet-HLL	glszm	ZoneVariance	60.27331487
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.106802093
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.35426285
wavelet-HLL	glszm	SizeZoneNonUniformity	20.19298246
wavelet-HLL	glszm	GrayLevelNonUniformity	6.087719298
wavelet-HLL	glszm	LargeAreaEmphasis	75.03508772
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	48.33750142
wavelet-HLL	glszm	ZonePercentage	0.260273973
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.920066398
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	6547.719298
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	85.36842105
wavelet-HLL	glszm	SmallAreaEmphasis	0.610211752
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.036895689
wavelet-HLL	glszm	ZoneEntropy	4.684048901
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.031747333
wavelet-HLL	ngtdm	Coarseness	0.026766138
wavelet-HLL	ngtdm	Complexity	109.1814133
wavelet-HLL	ngtdm	Strength	1.514001602
wavelet-HLL	ngtdm	Contrast	0.078723518
wavelet-HLL	ngtdm	Busyness	0.279401031
wavelet-LHL	gldm	GrayLevelVariance	90.1897792
wavelet-LHL	gldm	HighGrayLevelEmphasis	4221.333333
wavelet-LHL	gldm	DependenceEntropy	5.859825946
wavelet-LHL	gldm	DependenceNonUniformity	45.16438356
wavelet-LHL	gldm	GrayLevelNonUniformity	16.10502283
wavelet-LHL	gldm	SmallDependenceEmphasis	0.399435981
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1578.437204
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.206230062
wavelet-LHL	gldm	LargeDependenceEmphasis	10.9543379
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007126652
wavelet-LHL	gldm	DependenceVariance	3.372990555
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	48537.23288
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00472269
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004864962
wavelet-LHL	glcm	JointAverage	65.13918101



wavelet-LHL	glcm	SumAverage	130.278362
wavelet-LHL	glcm	JointEntropy	6.779592623
wavelet-LHL	glcm	ClusterShade	-5272.783488
wavelet-LHL	glcm	MaximumProbability	0.043882885
wavelet-LHL	glcm	Idmn	0.986205884
wavelet-LHL	glcm	JointEnergy	0.012704501
wavelet-LHL	glcm	Contrast	140.4595666
wavelet-LHL	glcm	DifferenceEntropy	3.752355388
wavelet-LHL	glcm	InverseVariance	0.237330238
wavelet-LHL	glcm	DifferenceVariance	94.18997864
wavelet-LHL	glcm	Idn	0.940372311
wavelet-LHL	glcm	Idm	0.237077078
wavelet-LHL	glcm	Correlation	-0.064094258
wavelet-LHL	glcm	Autocorrelation	4243.919719
wavelet-LHL	glcm	SumEntropy	4.616347361
wavelet-LHL	glcm	SumSquares	70.76321421
wavelet-LHL	glcm	ClusterProminence	466795.3081
wavelet-LHL	glcm	Imc2	0.970913047
wavelet-LHL	glcm	Imc1	-0.356496798
wavelet-LHL	glcm	DifferenceAverage	6.459329292
wavelet-LHL	glcm	Id	0.316048285
wavelet-LHL	glcm	ClusterTendency	142.5932902
wavelet-LHL	firstorder	InterquartileRange	144.5570649
wavelet-LHL	firstorder	Skewness	-3.063684756
wavelet-LHL	firstorder	Uniformity	0.073538917
wavelet-LHL	firstorder	Median	-56.19118477
wavelet-LHL	firstorder	Energy	14752048.16
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	64.19578394
wavelet-LHL	firstorder	MeanAbsoluteDeviation	136.5228182
wavelet-LHL	firstorder	TotalEnergy	398305300.3
wavelet-LHL	firstorder	Maximum	530.288741
wavelet-LHL	firstorder	RootMeanSquared	259.5398823
wavelet-LHL	firstorder	90Percentile	50.8496649
wavelet-LHL	firstorder	Minimum	-1685.686782
wavelet-LHL	firstorder	Entropy	4.315206669
wavelet-LHL	firstorder	Range	2215.975523
wavelet-LHL	firstorder	Variance	56077.32423
wavelet-LHL	firstorder	10Percentile	-314.1078604
wavelet-LHL	firstorder	Kurtosis	18.92535174
wavelet-LHL	firstorder	Mean	-106.2244146
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005203546
wavelet-LHL	glrlm	GrayLevelVariance	95.45690031
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005215054
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.06811151
wavelet-LHL	glrlm	RunVariance	0.093354003
wavelet-LHL	glrlm	GrayLevelNonUniformity	13.92703337
wavelet-LHL	glrlm	LongRunEmphasis	1.254025845
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	3984.479088
wavelet-LHL	glrlm	RunLengthNonUniformity	180.6250783
wavelet-LHL	glrlm	ShortRunEmphasis	0.950201761
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	5331.055312
wavelet-LHL	glrlm	RunPercentage	0.93256059
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005273584
wavelet-LHL	glrlm	RunEntropy	4.648342783
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	4205.368349

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.880753132
wavelet-LHL	glszm	GrayLevelVariance	160.0954808
wavelet-LHL	glszm	ZoneVariance	10.53602588
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.042446819
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.471620429
wavelet-LHL	glszm	SizeZoneNonUniformity	47.63366337
wavelet-LHL	glszm	GrayLevelNonUniformity	4.287128713
wavelet-LHL	glszm	LargeAreaEmphasis	15.23762376
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	2758.206081
wavelet-LHL	glszm	ZonePercentage	0.461187215
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.013489253
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	67645.68317
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	3996.732673
wavelet-LHL	glszm	SmallAreaEmphasis	0.71349478
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.010275395
wavelet-LHL	glszm	ZoneEntropy	5.554251523
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010203122
wavelet-LHL	ngtdm	Coarseness	0.026656544
wavelet-LHL	ngtdm	Complexity	4251.16143
wavelet-LHL	ngtdm	Strength	32.98392927
wavelet-LHL	ngtdm	Contrast	0.691703307
wavelet-LHL	ngtdm	Busyness	0.012728316
wavelet-LHH	gldm	GrayLevelVariance	6.802902358
wavelet-LHH	gldm	HighGrayLevelEmphasis	150.1461187
wavelet-LHH	gldm	DependenceEntropy	5.473141026
wavelet-LHH	gldm	DependenceNonUniformity	35.75799087
wavelet-LHH	gldm	GrayLevelNonUniformity	28.76255708
wavelet-LHH	gldm	SmallDependenceEmphasis	0.271747289
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.03604159
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.163278497
wavelet-LHH	gldm	LargeDependenceEmphasis	15.15525114
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.116825662
wavelet-LHH	gldm	DependenceVariance	3.706761744
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2216.684932
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008046913
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.013656109
wavelet-LHH	glcm	JointAverage	12.15119259
wavelet-LHH	glcm	SumAverage	24.30238518
wavelet-LHH	glcm	JointEntropy	5.877492332
wavelet-LHH	glcm	ClusterShade	-28.01433226
wavelet-LHH	glcm	MaximumProbability	0.05451921
wavelet-LHH	glcm	Idmn	0.971268496
wavelet-LHH	glcm	JointEnergy	0.023705262
wavelet-LHH	glcm	Contrast	13.59058509
wavelet-LHH	glcm	DifferenceEntropy	2.827383034
wavelet-LHH	glcm	InverseVariance	0.342046241
wavelet-LHH	glcm	DifferenceVariance	6.586878744
wavelet-LHH	glcm	Idn	0.89408261
wavelet-LHH	glcm	Idm	0.336416869
wavelet-LHH	glcm	Correlation	-0.041343402
wavelet-LHH	glcm	Autocorrelation	147.4358815
wavelet-LHH	glcm	SumEntropy	3.64313701
wavelet-LHH	glcm	SumSquares	6.569706221
wavelet-LHH	glcm	ClusterProminence	993.6458969
wavelet-LHH	glcm	Imc2	0.819451007

wavelet-LHH	glcm	Imc1	-0.17714107
wavelet-LHH	glcm	DifferenceAverage	2.615526383
wavelet-LHH	glcm	Id	0.414775861
wavelet-LHH	glcm	ClusterTendency	12.6882398
wavelet-LHH	firstorder	InterquartileRange	69.20655074
wavelet-LHH	firstorder	Skewness	-0.431024056
wavelet-LHH	firstorder	Uniformity	0.131335877
wavelet-LHH	firstorder	Median	-12.90763215
wavelet-LHH	firstorder	Energy	958001.1338
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	29.24918441
wavelet-LHH	firstorder	MeanAbsoluteDeviation	47.04306698
wavelet-LHH	firstorder	TotalEnergy	25866030.61
wavelet-LHH	firstorder	Maximum	188.601719
wavelet-LHH	firstorder	RootMeanSquared	66.13950711
wavelet-LHH	firstorder	90Percentile	61.91446273
wavelet-LHH	firstorder	Minimum	-279.9944139
wavelet-LHH	firstorder	Entropy	3.261933548
wavelet-LHH	firstorder	Range	468.5961329
wavelet-LHH	firstorder	Variance	4226.083775
wavelet-LHH	firstorder	10Percentile	-86.05764138
wavelet-LHH	firstorder	Kurtosis	5.48374803
wavelet-LHH	firstorder	Mean	-12.17992718
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013790148
wavelet-LHH	glrlm	GrayLevelVariance	7.256465416
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.014303565
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.12570881
wavelet-LHH	glrlm	RunVariance	0.11946105
wavelet-LHH	glrlm	GrayLevelNonUniformity	25.01911038
wavelet-LHH	glrlm	LongRunEmphasis	1.339448066
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	140.2414088
wavelet-LHH	glrlm	RunLengthNonUniformity	166.8312228
wavelet-LHH	glrlm	ShortRunEmphasis	0.930766784
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	200.3859365
wavelet-LHH	glrlm	RunPercentage	0.908324552
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.016805872
wavelet-LHH	glrlm	RunEntropy	3.724056186
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	150.4369555
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.836234637
wavelet-LHH	glszm	GrayLevelVariance	15.41804408
wavelet-LHH	glszm	ZoneVariance	45.33815427
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.090449954
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.396235078
wavelet-LHH	glszm	SizeZoneNonUniformity	26.15151515
wavelet-LHH	glszm	GrayLevelNonUniformity	5.96969697
wavelet-LHH	glszm	LargeAreaEmphasis	56.34848485
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	101.8204102
wavelet-LHH	glszm	ZonePercentage	0.301369863
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.44113009
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	7837.363636
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	154.0151515
wavelet-LHH	glszm	SmallAreaEmphasis	0.650886545
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027768549
wavelet-LHH	glszm	ZoneEntropy	4.8604704
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024639241
wavelet-LHH	ngtdm	Coarseness	0.027637176

wavelet-LHH	ngtdm	Complexity	239.5754783
wavelet-LHH	ngtdm	Strength	3.08961357
wavelet-LHH	ngtdm	Contrast	0.09679732
wavelet-LHH	ngtdm	Busyness	0.150180223
wavelet-LLH	gldm	GrayLevelVariance	43.77510894
wavelet-LLH	gldm	HighGrayLevelEmphasis	183.7488584
wavelet-LLH	gldm	DependenceEntropy	5.985522166
wavelet-LLH	gldm	DependenceNonUniformity	44.8630137
wavelet-LLH	gldm	GrayLevelNonUniformity	16.44292237
wavelet-LLH	gldm	SmallDependenceEmphasis	0.357490864
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	97.22011124
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.204853944
wavelet-LLH	gldm	LargeDependenceEmphasis	10.82648402
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.137851208
wavelet-LLH	gldm	DependenceVariance	2.99159734
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1255.420091
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009476202
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.017815661
wavelet-LLH	glcm	JointAverage	11.18626336
wavelet-LLH	glcm	SumAverage	22.37252671
wavelet-LLH	glcm	JointEntropy	6.719774797
wavelet-LLH	glcm	ClusterShade	1707.209565
wavelet-LLH	glcm	MaximumProbability	0.032353434
wavelet-LLH	glcm	Idmn	0.969321552
wavelet-LLH	glcm	JointEnergy	0.012443457
wavelet-LLH	glcm	Contrast	59.70910409
wavelet-LLH	glcm	DifferenceEntropy	3.455910442
wavelet-LLH	glcm	InverseVariance	0.258727788
wavelet-LLH	glcm	DifferenceVariance	34.11461921
wavelet-LLH	glcm	Idn	0.903891254
wavelet-LLH	glcm	Idm	0.253588094
wavelet-LLH	glcm	Correlation	0.16074211
wavelet-LLH	glcm	Autocorrelation	133.144635
wavelet-LLH	glcm	SumEntropy	4.488115803
wavelet-LLH	glcm	SumSquares	37.80714358
wavelet-LLH	glcm	ClusterProminence	64994.85801
wavelet-LLH	glcm	Imc2	0.952517082
wavelet-LLH	glcm	Imc1	-0.309949551
wavelet-LLH	glcm	DifferenceAverage	4.787695487
wavelet-LLH	glcm	Id	0.33775886
wavelet-LLH	glcm	ClusterTendency	91.51947024
wavelet-LLH	firstorder	InterquartileRange	130.1261544
wavelet-LLH	firstorder	Skewness	1.839180483
wavelet-LLH	firstorder	Uniformity	0.075081837
wavelet-LLH	firstorder	Median	-31.46888023
wavelet-LLH	firstorder	Energy	5988383.872
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	57.93448207
wavelet-LLH	firstorder	MeanAbsoluteDeviation	113.2643773
wavelet-LLH	firstorder	TotalEnergy	161686364.5
wavelet-LLH	firstorder	Maximum	677.6236698
wavelet-LLH	firstorder	RootMeanSquared	165.3608738
wavelet-LLH	firstorder	90Percentile	241.7847248
wavelet-LLH	firstorder	Minimum	-250.5477395
wavelet-LLH	firstorder	Entropy	4.152419114
wavelet-LLH	firstorder	Range	928.1714093

wavelet-LLH	firstorder	Variance	27279.02666
wavelet-LLH	firstorder	10Percentile	-135.4044205
wavelet-LLH	firstorder	Kurtosis	6.357560259
wavelet-LLH	firstorder	Mean	8.074151946
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017576539
wavelet-LLH	glrlm	GrayLevelVariance	45.95246204
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.018222239
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.072502055
wavelet-LLH	glrlm	RunVariance	0.094901338
wavelet-LLH	glrlm	GrayLevelNonUniformity	14.79974178
wavelet-LLH	glrlm	LongRunEmphasis	1.265923981
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	182.8338047
wavelet-LLH	glrlm	RunLengthNonUniformity	180.1059381
wavelet-LLH	glrlm	ShortRunEmphasis	0.948487598
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	219.4139864
wavelet-LLH	glrlm	RunPercentage	0.930804355
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.021626458
wavelet-LLH	glrlm	RunEntropy	4.474637774
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	189.0429362
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.87849217
wavelet-LLH	glszm	GrayLevelVariance	73.23630602
wavelet-LLH	glszm	ZoneVariance	7.774219104
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.051833409
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.390448167
wavelet-LLH	glszm	SizeZoneNonUniformity	36.70212766
wavelet-LLH	glszm	GrayLevelNonUniformity	4.872340426
wavelet-LLH	glszm	LargeAreaEmphasis	13.20212766
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	198.9766289
wavelet-LLH	glszm	ZonePercentage	0.429223744
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.16597458
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1623.117021
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	258.6595745
wavelet-LLH	glszm	SmallAreaEmphasis	0.644757064
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.024418592
wavelet-LLH	glszm	ZoneEntropy	5.739384698
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.019573381
wavelet-LLH	ngtdm	Coarseness	0.026989055
wavelet-LLH	ngtdm	Complexity	1855.564986
wavelet-LLH	ngtdm	Strength	17.69063965
wavelet-LLH	ngtdm	Contrast	0.29904935
wavelet-LLH	ngtdm	Busyness	0.101232601
wavelet-LLL	gldm	GrayLevelVariance	121.7679781
wavelet-LLL	gldm	HighGrayLevelEmphasis	1108.703196
wavelet-LLL	gldm	DependenceEntropy	6.177905227
wavelet-LLL	gldm	DependenceNonUniformity	75.79452055
wavelet-LLL	gldm	GrayLevelNonUniformity	7.484018265
wavelet-LLL	gldm	SmallDependenceEmphasis	0.571982496
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	538.6668176
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.346093701
wavelet-LLL	gldm	LargeDependenceEmphasis	4.726027397
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018560243
wavelet-LLL	gldm	DependenceVariance	1.203978232
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6680.502283
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006698038
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008812936

wavelet-LLL	glcm	JointAverage	33.4057249
wavelet-LLL	glcm	SumAverage	66.8114498
wavelet-LLL	glcm	JointEntropy	7.673149544
wavelet-LLL	glcm	ClusterShade	-2692.886395
wavelet-LLL	glcm	MaximumProbability	0.015809133
wavelet-LLL	glcm	Idmn	0.973559912
wavelet-LLL	glcm	JointEnergy	0.005554512
wavelet-LLL	glcm	Contrast	119.2797682
wavelet-LLL	glcm	DifferenceEntropy	4.230072921
wavelet-LLL	glcm	InverseVariance	0.155726272
wavelet-LLL	glcm	DifferenceVariance	49.87527165
wavelet-LLL	glcm	Idn	0.895577436
wavelet-LLL	glcm	Idm	0.145584082
wavelet-LLL	glcm	Correlation	0.393487153
wavelet-LLL	glcm	Autocorrelation	1155.910341
wavelet-LLL	glcm	SumEntropy	5.532845202
wavelet-LLL	glcm	SumSquares	99.44230945
wavelet-LLL	glcm	ClusterProminence	253129.6238
wavelet-LLL	glcm	Imc2	0.993473008
wavelet-LLL	glcm	Imc1	-0.443185195
wavelet-LLL	glcm	DifferenceAverage	8.128449496
wavelet-LLL	glcm	Id	0.22820956
wavelet-LLL	glcm	ClusterTendency	278.4894696
wavelet-LLL	firstorder	InterquartileRange	383.5263615
wavelet-LLL	firstorder	Skewness	-0.480409093
wavelet-LLL	firstorder	Uniformity	0.034173599
wavelet-LLL	firstorder	Median	-176.6804362
wavelet-LLL	firstorder	Energy	27989260.77
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	159.6673196
wavelet-LLL	firstorder	MeanAbsoluteDeviation	223.0840845
wavelet-LLL	firstorder	TotalEnergy	755710040.8
wavelet-LLL	firstorder	Maximum	594.8182236
wavelet-LLL	firstorder	RootMeanSquared	357.4980331
wavelet-LLL	firstorder	90Percentile	48.52743279
wavelet-LLL	firstorder	Minimum	-991.9556113
wavelet-LLL	firstorder	Entropy	5.145130974
wavelet-LLL	firstorder	Range	1586.773835
wavelet-LLL	firstorder	Variance	76335.97464
wavelet-LLL	firstorder	10Percentile	-621.3794269
wavelet-LLL	firstorder	Kurtosis	3.070468925
wavelet-LLL	firstorder	Mean	-226.8675143
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008916679
wavelet-LLL	glrlm	GrayLevelVariance	122.9448896
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.009005393
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.03344101
wavelet-LLL	glrlm	RunVariance	0.037403052
wavelet-LLL	glrlm	GrayLevelNonUniformity	7.077830364
wavelet-LLL	glrlm	LongRunEmphasis	1.109908766
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1061.217138
wavelet-LLL	glrlm	RunLengthNonUniformity	198.1856578
wavelet-LLL	glrlm	ShortRunEmphasis	0.974629198
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1255.136176
wavelet-LLL	glrlm	RunPercentage	0.966280295
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.009365658
wavelet-LLL	glrlm	RunEntropy	5.292669765

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1097.324257
wavelet-LLL	glrlm	RunLengthNonUniformityNormalizd	0.935804949
wavelet-LLL	glszm	GrayLevelVariance	135.0131422
wavelet-LLL	glszm	ZoneVariance	2.135538584
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.029160881
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.565959135
wavelet-LLL	glszm	SizeZoneNonUniformity	80.36619718
wavelet-LLL	glszm	GrayLevelNonUniformity	4.14084507
wavelet-LLL	glszm	LargeAreaEmphasis	4.514084507
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	700.010804
wavelet-LLL	glszm	ZonePercentage	0.648401826
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019244058
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	6368.802817
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	965.0211268
wavelet-LLL	glszm	SmallAreaEmphasis	0.780573161
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.011346427
wavelet-LLL	glszm	ZoneEntropy	5.939271264
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009790273
wavelet-LLL	ngtdm	Coarseness	0.032674755
wavelet-LLL	ngtdm	Complexity	4914.941723
wavelet-LLL	ngtdm	Strength	28.82514747
wavelet-LLL	ngtdm	Contrast	0.607273526
wavelet-LLL	ngtdm	Busyness	0.019871275
wavelet-HHL	gldm	GrayLevelVariance	5.8479181
wavelet-HHL	gldm	HighGrayLevelEmphasis	138.4657534
wavelet-HHL	gldm	DependenceEntropy	5.476482578
wavelet-HHL	gldm	DependenceNonUniformity	29.14611872
wavelet-HHL	gldm	GrayLevelNonUniformity	34.75342466
wavelet-HHL	gldm	SmallDependenceEmphasis	0.249812026
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	37.33832809
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.1330873
wavelet-HHL	gldm	LargeDependenceEmphasis	22.00456621
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.173741336
wavelet-HHL	gldm	DependenceVariance	6.475928358
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2956.721461
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007214661
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.013192109
wavelet-HHL	glcm	JointAverage	11.50498054
wavelet-HHL	glcm	SumAverage	23.00996108
wavelet-HHL	glcm	JointEntropy	5.386719923
wavelet-HHL	glcm	ClusterShade	9.409450668
wavelet-HHL	glcm	MaximumProbability	0.079098278
wavelet-HHL	glcm	Idmn	0.984393387
wavelet-HHL	glcm	JointEnergy	0.035118696
wavelet-HHL	glcm	Contrast	10.19878195
wavelet-HHL	glcm	DifferenceEntropy	2.631625379
wavelet-HHL	glcm	InverseVariance	0.390055524
wavelet-HHL	glcm	DifferenceVariance	5.445730267
wavelet-HHL	glcm	Idn	0.923652877
wavelet-HHL	glcm	Idm	0.395317344
wavelet-HHL	glcm	Correlation	-0.044707702
wavelet-HHL	glcm	Autocorrelation	132.1827039
wavelet-HHL	glcm	SumEntropy	3.341905249
wavelet-HHL	glcm	SumSquares	4.915747879
wavelet-HHL	glcm	ClusterProminence	833.373857

wavelet-HHL	glcm	Imc2	0.796007599
wavelet-HHL	glcm	Imc1	-0.172860697
wavelet-HHL	glcm	DifferenceAverage	2.158557942
wavelet-HHL	glcm	Id	0.46285918
wavelet-HHL	glcm	ClusterTendency	9.464209567
wavelet-HHL	firstorder	InterquartileRange	57.50025319
wavelet-HHL	firstorder	Skewness	0.347427784
wavelet-HHL	firstorder	Uniformity	0.158691437
wavelet-HHL	firstorder	Median	0.909364549
wavelet-HHL	firstorder	Energy	793013.0248
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	23.55128627
wavelet-HHL	firstorder	MeanAbsoluteDeviation	40.65555665
wavelet-HHL	firstorder	TotalEnergy	21411351.67
wavelet-HHL	firstorder	Maximum	310.5092795
wavelet-HHL	firstorder	RootMeanSquared	60.17527765
wavelet-HHL	firstorder	90Percentile	60.32327203
wavelet-HHL	firstorder	Minimum	-251.7009232
wavelet-HHL	firstorder	Entropy	3.075178551
wavelet-HHL	firstorder	Range	562.2102027
wavelet-HHL	firstorder	Variance	3620.873235
wavelet-HHL	firstorder	10Percentile	-64.095261
wavelet-HHL	firstorder	Kurtosis	8.371050424
wavelet-HHL	firstorder	Mean	0.436812176
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013220564
wavelet-HHL	glrlm	GrayLevelVariance	6.451202115
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.013891603
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.14760798
wavelet-HHL	glrlm	RunVariance	0.146625222
wavelet-HHL	glrlm	GrayLevelNonUniformity	28.67508181
wavelet-HHL	glrlm	LongRunEmphasis	1.420838451
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	127.4118243
wavelet-HHL	glrlm	RunLengthNonUniformity	155.4877917
wavelet-HHL	glrlm	ShortRunEmphasis	0.913619939
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	195.4912225
wavelet-HHL	glrlm	RunPercentage	0.88689849
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.017143034
wavelet-HHL	glrlm	RunEntropy	3.642007169
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	139.0074588
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.799344465
wavelet-HHL	glszm	GrayLevelVariance	16.68305556
wavelet-HHL	glszm	ZoneVariance	55.09416667
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.089444444
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.406666667
wavelet-HHL	glszm	SizeZoneNonUniformity	24.4
wavelet-HHL	glszm	GrayLevelNonUniformity	5.366666667
wavelet-HHL	glszm	LargeAreaEmphasis	68.41666667
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	102.0967497
wavelet-HHL	glszm	ZonePercentage	0.273972603
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.540412072
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	9241.433333
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	149.3166667
wavelet-HHL	glszm	SmallAreaEmphasis	0.657164168
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.027185362
wavelet-HHL	glszm	ZoneEntropy	4.837907837
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.024206292



wavelet-HHL	ngtdm	Coarseness	0.030126106
wavelet-HHL	ngtdm	Complexity	267.499143
wavelet-HHL	ngtdm	Strength	4.260020997
wavelet-HHL	ngtdm	Contrast	0.059199851
wavelet-HHL	ngtdm	Busyness	0.112641666
wavelet-HLH	gldm	GrayLevelVariance	2.942557495
wavelet-HLH	gldm	HighGrayLevelEmphasis	33.62100457
wavelet-HLH	gldm	DependenceEntropy	5.240920557
wavelet-HLH	gldm	DependenceNonUniformity	27.38356164
wavelet-HLH	gldm	GrayLevelNonUniformity	39.75799087
wavelet-HLH	gldm	SmallDependenceEmphasis	0.182375743
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	6.738218784
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.125039094
wavelet-HLH	gldm	LargeDependenceEmphasis	24.96347032
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.965111033
wavelet-HLH	gldm	DependenceVariance	6.185692542
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	790.5159817
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014731071
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.060579869
wavelet-HLH	glcm	JointAverage	5.504508887
wavelet-HLH	glcm	SumAverage	11.00901777
wavelet-HLH	glcm	JointEntropy	5.155990108
wavelet-HLH	glcm	ClusterShade	-0.26960186
wavelet-HLH	glcm	MaximumProbability	0.094798262
wavelet-HLH	glcm	Idmn	0.958590156
wavelet-HLH	glcm	JointEnergy	0.03991349
wavelet-HLH	glcm	Contrast	5.818496308
wavelet-HLH	glcm	DifferenceEntropy	2.428597256
wavelet-HLH	glcm	InverseVariance	0.391963628
wavelet-HLH	glcm	DifferenceVariance	2.442496742
wavelet-HLH	glcm	Idn	0.870533003
wavelet-HLH	glcm	Idm	0.419653798
wavelet-HLH	glcm	Correlation	-0.034218555
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wavelet-HLH	glcm	SumSquares	2.806949135
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wavelet-HLH	glcm	Imc2	0.654203399
wavelet-HLH	glcm	Imc1	-0.106006744
wavelet-HLH	glcm	DifferenceAverage	1.812433657
wavelet-HLH	glcm	Id	0.486017055
wavelet-HLH	glcm	ClusterTendency	5.409300233
wavelet-HLH	firstorder	InterquartileRange	48.81430619
wavelet-HLH	firstorder	Skewness	-0.073441523
wavelet-HLH	firstorder	Uniformity	0.181543337
wavelet-HLH	firstorder	Median	5.974657662
wavelet-HLH	firstorder	Energy	396770.7223
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	21.73205309
wavelet-HLH	firstorder	MeanAbsoluteDeviation	32.86407132
wavelet-HLH	firstorder	TotalEnergy	10712809.5
wavelet-HLH	firstorder	Maximum	127.9070053
wavelet-HLH	firstorder	RootMeanSquared	42.56452112
wavelet-HLH	firstorder	90Percentile	52.16743241
wavelet-HLH	firstorder	Minimum	-124.645338
wavelet-HLH	firstorder	Entropy	2.75929453

wavelet-HLH	firstorder	Range	252.5523433
wavelet-HLH	firstorder	Variance	1809.132337
wavelet-HLH	firstorder	10Percentile	-53.97029619
wavelet-HLH	firstorder	Kurtosis	3.584530676
wavelet-HLH	firstorder	Mean	1.614348444
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.058919426
wavelet-HLH	glrlm	GrayLevelVariance	3.18590917
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.063264918
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.170193342
wavelet-HLH	glrlm	RunVariance	0.165894851
wavelet-HLH	glrlm	GrayLevelNonUniformity	32.49887014
wavelet-HLH	glrlm	LongRunEmphasis	1.486868218
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	30.67585329
wavelet-HLH	glrlm	RunLengthNonUniformity	147.8843936
wavelet-HLH	glrlm	ShortRunEmphasis	0.90049023
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	49.46039158
wavelet-HLH	glrlm	RunPercentage	0.871794872
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.083567569
wavelet-HLH	glrlm	RunEntropy	3.375423866
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	33.85779523
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.772816617
wavelet-HLH	glszm	GrayLevelVariance	6.578231293
wavelet-HLH	glszm	ZoneVariance	132.0731293
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.124716553
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.323129252
wavelet-HLH	glszm	SizeZoneNonUniformity	13.57142857
wavelet-HLH	glszm	GrayLevelNonUniformity	5.238095238
wavelet-HLH	glszm	LargeAreaEmphasis	159.2619048
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	22.58116768
wavelet-HLH	glszm	ZonePercentage	0.191780822
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	5.42975259
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	5280.214286
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	37.61904762
wavelet-HLH	glszm	SmallAreaEmphasis	0.578352705
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.103023288
wavelet-HLH	glszm	ZoneEntropy	4.403989446
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.048361431
wavelet-HLH	ngtdm	Coarseness	0.027391489
wavelet-HLH	ngtdm	Complexity	65.40084856
wavelet-HLH	ngtdm	Strength	0.937299825
wavelet-HLH	ngtdm	Contrast	0.075433011
wavelet-HLH	ngtdm	Busyness	0.540361195

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	cf8
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	22.44994432
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original	shape	MinorAxis	0.881798369
original	shape	Elongation	16.15068387
original	shape	SurfaceVolumeRatio	0.820449784
original	shape	Volume	0.383871315
original	shape	MajorAxis	2916
original	shape	SurfaceArea	19.68515831
original	shape	Flatness	1119.368753
original	shape	LeastAxis	0.670513334
original	shape	Maximum2DDiameterColumn	13.19916112
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original	gldm	GrayLevelVariance	21.63330765
original	gldm	HighGrayLevelEmphasis	81.71879287
original	gldm	DependenceEntropy	750.037037
original	gldm	DependenceNonUniformity	5.629434956
original	gldm	GrayLevelNonUniformity	30.44444444
original	gldm	SmallDependenceEmphasis	6.611111111
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.537815614
original	gldm	DependenceNonUniformityNormalized	294.7568754
original	gldm	LargeDependenceEmphasis	0.281893004
original	gldm	LargeDependenceLowGrayLevelEmphasis	12
original	gldm	DependenceVariance	0.022887647
original	gldm	LargeDependenceHighGrayLevelEmphasis	4.888888889
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original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011975768
original	gldm	LowGrayLevelEmphasis	0.012571114
original	glcm	JointAverage	27.96679941
original	glcm	SumAverage	55.93359882
original	glcm	JointEntropy	6.345550738
original	glcm	ClusterShade	-1750.648301
original	glcm	MaximumProbability	0.050464276
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original	glcm	Contrast	116.2242794
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original	glcm	Idn	0.844894381
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original	glcm	Correlation	0.158389493
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original	glcm	SumEntropy	4.684556418
original	glcm	SumSquares	68.96696317
original	glcm	ClusterProminence	76002.91334
original	glcm	Imc2	0.987918495
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original	glcm	DifferenceAverage	7.733197164
original	glcm	Id	0.284814056
original	glcm	ClusterTendency	159.6435733
original	firstorder	InterquartileRange	366
original	firstorder	Skewness	-0.772493775
original	firstorder	Uniformity	0.061213992
original	firstorder	Median	-100
original	firstorder	Energy	9465300
original	firstorder	RobustMeanAbsoluteDeviation	153.1179016
original	firstorder	MeanAbsoluteDeviation	195.4128944
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original	firstorder	Maximum	67
original	firstorder	RootMeanSquared	296.0433527
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original	firstorder	Minimum	-801
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original	firstorder	Kurtosis	2.496036864
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.013318423
original	glrlm	GrayLevelVariance	82.57514469
original	glrlm	LowGrayLevelRunEmphasis	0.01336842
original	glrlm	GrayLevelNonUniformityNormalized	0.055689765
original	glrlm	RunVariance	0.075973171
original	glrlm	GrayLevelNonUniformity	5.632571637
original	glrlm	LongRunEmphasis	1.219550187
original	glrlm	ShortRunHighGrayLevelEmphasis	673.9683035
original	glrlm	RunLengthNonUniformity	89.29152927
original	glrlm	ShortRunEmphasis	0.951944656

original	glrlm	LongRunHighGrayLevelEmphasis	966.673071
original	glrlm	RunPercentage	0.935897436
original	glrlm	LongRunLowGrayLevelEmphasis	0.013592927
original	glrlm	RunEntropy	4.747093148
original	glrlm	HighGrayLevelRunEmphasis	726.3601672
original	glrlm	RunLengthNonUniformityNormalized	0.882472321
original	glszm	GrayLevelVariance	81.96484375
original	glszm	ZoneVariance	4.52734375
original	glszm	GrayLevelNonUniformityNormalized	0.038574219
original	glszm	SizeZoneNonUniformityNormalized	0.671386719
original	glszm	SizeZoneNonUniformity	42.96875
original	glszm	GrayLevelNonUniformity	2.46875
original	glszm	LargeAreaEmphasis	7.375
original	glszm	SmallAreaHighGrayLevelEmphasis	442.9841305
original	glszm	ZonePercentage	0.592592593
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original	glszm	HighGrayLevelZoneEmphasis	568.71875
original	glszm	SmallAreaEmphasis	0.840258264
original	glszm	LowGrayLevelZoneEmphasis	0.020383148
original	glszm	ZoneEntropy	5.159774414
original	glszm	SmallAreaLowGrayLevelEmphasis	0.020093228
original	ngtdm	Coarseness	0.027992519
original	ngtdm	Complexity	2667.800315
original	ngtdm	Strength	17.09700721
original	ngtdm	Contrast	1.219507793
original	ngtdm	Busyness	0.040340586
wavelet-HHH	gldm	GrayLevelVariance	22.33024691
wavelet-HHH	gldm	HighGrayLevelEmphasis	298.2592593
wavelet-HHH	gldm	DependenceEntropy	5.405363373
wavelet-HHH	gldm	DependenceNonUniformity	33.01851852
wavelet-HHH	gldm	GrayLevelNonUniformity	7.259259259
wavelet-HHH	gldm	SmallDependenceEmphasis	0.486027442
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	144.1959399
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.305727023
wavelet-HHH	gldm	LargeDependenceEmphasis	5.592592593
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031215176
wavelet-HHH	gldm	DependenceVariance	1.367283951
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1740.037037
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012636155
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.014694506
wavelet-HHH	glcm	JointAverage	16.4848446
wavelet-HHH	glcm	SumAverage	32.9696892
wavelet-HHH	glcm	JointEntropy	6.503740938
wavelet-HHH	glcm	ClusterShade	-57.5350488
wavelet-HHH	glcm	MaximumProbability	0.031590348
wavelet-HHH	glcm	Idmn	0.955978845
wavelet-HHH	glcm	JointEnergy	0.012475715
wavelet-HHH	glcm	Contrast	43.64331905
wavelet-HHH	glcm	DifferenceEntropy	3.571737112
wavelet-HHH	glcm	InverseVariance	0.189939032
wavelet-HHH	glcm	DifferenceVariance	17.12334938
wavelet-HHH	glcm	Idn	0.862238028

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wavelet-HHH	glcm	Correlation	-0.027715223
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wavelet-HHH	glcm	SumEntropy	4.260461331
wavelet-HHH	glcm	SumSquares	21.26579039
wavelet-HHH	glcm	ClusterProminence	6845.734509
wavelet-HHH	glcm	Imc2	0.976170902
wavelet-HHH	glcm	Imc1	-0.383297952
wavelet-HHH	glcm	DifferenceAverage	5.087689332
wavelet-HHH	glcm	Id	0.274900236
wavelet-HHH	glcm	ClusterTendency	41.41984252
wavelet-HHH	firstorder	InterquartileRange	153.1862648
wavelet-HHH	firstorder	Skewness	-0.382133102
wavelet-HHH	firstorder	Uniformity	0.067215364
wavelet-HHH	firstorder	Median	8.195818109
wavelet-HHH	firstorder	Energy	1500026.466
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	63.49450897
wavelet-HHH	firstorder	MeanAbsoluteDeviation	92.08444283
wavelet-HHH	firstorder	TotalEnergy	40500714.58
wavelet-HHH	firstorder	Maximum	303.2806768
wavelet-HHH	firstorder	RootMeanSquared	117.8521699
wavelet-HHH	firstorder	90Percentile	128.3701114
wavelet-HHH	firstorder	Minimum	-397.6128636
wavelet-HHH	firstorder	Entropy	4.11458322
wavelet-HHH	firstorder	Range	700.8935404
wavelet-HHH	firstorder	Variance	13884.62211
wavelet-HHH	firstorder	10Percentile	-138.8643557
wavelet-HHH	firstorder	Kurtosis	3.882909882
wavelet-HHH	firstorder	Mean	2.124107954
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.015045516
wavelet-HHH	glrlm	GrayLevelVariance	22.8793637
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.015164766
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.066352172
wavelet-HHH	glrlm	RunVariance	0.043492998
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.876378634
wavelet-HHH	glrlm	LongRunEmphasis	1.132418309
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	288.2836347
wavelet-HHH	glrlm	RunLengthNonUniformity	95.62622702
wavelet-HHH	glrlm	ShortRunEmphasis	0.968613805
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	338.5024587
wavelet-HHH	glrlm	RunPercentage	0.959401709
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.015664654
wavelet-HHH	glrlm	RunEntropy	4.28167792
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	297.9022147
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.921589289
wavelet-HHH	glszm	GrayLevelVariance	30.93860562
wavelet-HHH	glszm	ZoneVariance	2.094693028
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.059833507
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.46566077
wavelet-HHH	glszm	SizeZoneNonUniformity	28.87096774
wavelet-HHH	glszm	GrayLevelNonUniformity	3.709677419
wavelet-HHH	glszm	LargeAreaEmphasis	5.129032258
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	210.1371098

wavelet-HHH	glszm	ZonePercentage	0.574074074
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.038515658
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1525.677419
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	298.4193548
wavelet-HHH	glszm	SmallAreaEmphasis	0.707431538
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.022646264
wavelet-HHH	glszm	ZoneEntropy	5.073080335
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.021433099
wavelet-HHH	ngtdm	Coarseness	0.045263671
wavelet-HHH	ngtdm	Complexity	894.7789269
wavelet-HHH	ngtdm	Strength	9.20867061
wavelet-HHH	ngtdm	Contrast	0.314593974
wavelet-HHH	ngtdm	Busyness	0.057756087
wavelet-HLL	gldm	GrayLevelVariance	104.2663752
wavelet-HLL	gldm	HighGrayLevelEmphasis	547.212963
wavelet-HLL	gldm	DependenceEntropy	5.760590484
wavelet-HLL	gldm	DependenceNonUniformity	36.01851852
wavelet-HLL	gldm	GrayLevelNonUniformity	4.592592593
wavelet-HLL	gldm	SmallDependenceEmphasis	0.546489198
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	380.820409
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.333504801
wavelet-HLL	gldm	LargeDependenceEmphasis	4.777777778
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031670512
wavelet-HLL	gldm	DependenceVariance	0.99691358
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1798.990741
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013419937
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.015315843
wavelet-HLL	glcm	JointAverage	20.07764754
wavelet-HLL	glcm	SumAverage	40.15529507
wavelet-HLL	glcm	JointEntropy	6.819221654
wavelet-HLL	glcm	ClusterShade	2964.889545
wavelet-HLL	glcm	MaximumProbability	0.02300524
wavelet-HLL	glcm	Idmn	0.950947316
wavelet-HLL	glcm	JointEnergy	0.009519708
wavelet-HLL	glcm	Contrast	155.2023476
wavelet-HLL	glcm	DifferenceEntropy	4.106096091
wavelet-HLL	glcm	InverseVariance	0.12845326
wavelet-HLL	glcm	DifferenceVariance	72.07143305
wavelet-HLL	glcm	Idn	0.867332104
wavelet-HLL	glcm	Idm	0.139341637
wavelet-HLL	glcm	Correlation	0.116644513
wavelet-HLL	glcm	Autocorrelation	416.7878969
wavelet-HLL	glcm	SumEntropy	5.002821277
wavelet-HLL	glcm	SumSquares	91.02896343
wavelet-HLL	glcm	ClusterProminence	186032.1242
wavelet-HLL	glcm	Imc2	0.997799456
wavelet-HLL	glcm	Imc1	-0.571363221
wavelet-HLL	glcm	DifferenceAverage	8.745867505
wavelet-HLL	glcm	Id	0.22503072
wavelet-HLL	glcm	ClusterTendency	208.9135061
wavelet-HLL	firstorder	InterquartileRange	291.056665
wavelet-HLL	firstorder	Skewness	0.902275338
wavelet-HLL	firstorder	Uniformity	0.042524005

wavelet-HLL	firstorder	Median	-178.1653489
wavelet-HLL	firstorder	Energy	8403556.435
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	135.4231268
wavelet-HLL	firstorder	MeanAbsoluteDeviation	200.5198089
wavelet-HLL	firstorder	TotalEnergy	226896023.7
wavelet-HLL	firstorder	Maximum	623.6447993
wavelet-HLL	firstorder	RootMeanSquared	278.9457075
wavelet-HLL	firstorder	90Percentile	267.827858
wavelet-HLL	firstorder	Minimum	-601.028402
wavelet-HLL	firstorder	Entropy	4.891624684
wavelet-HLL	firstorder	Range	1224.673201
wavelet-HLL	firstorder	Variance	65348.23346
wavelet-HLL	firstorder	10Percentile	-351.9853041
wavelet-HLL	firstorder	Kurtosis	3.269401672
wavelet-HLL	firstorder	Mean	-111.6354526
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015614783
wavelet-HLL	glrlm	GrayLevelVariance	106.3521388
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015737963
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.041683396
wavelet-HLL	glrlm	RunVariance	0.036196321
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.339779918
wavelet-HLL	glrlm	LongRunEmphasis	1.114853386
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	545.2058645
wavelet-HLL	glrlm	RunLengthNonUniformity	96.65405918
wavelet-HLL	glrlm	ShortRunEmphasis	0.971286653
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	594.3991196
wavelet-HLL	glrlm	RunPercentage	0.963675214
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.01623068
wavelet-HLL	glrlm	RunEntropy	5.032932834
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	555.0445155
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.927607358
wavelet-HLL	glszm	GrayLevelVariance	133.475607
wavelet-HLL	glszm	ZoneVariance	1.640454444
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032746714
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.577634217
wavelet-HLL	glszm	SizeZoneNonUniformity	38.70149254
wavelet-HLL	glszm	GrayLevelNonUniformity	2.194029851
wavelet-HLL	glszm	LargeAreaEmphasis	4.23880597
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	572.6841177
wavelet-HLL	glszm	ZonePercentage	0.62037037
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.035316317
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1791.597015
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	660.4179104
wavelet-HLL	glszm	SmallAreaEmphasis	0.777868735
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.022137575
wavelet-HLL	glszm	ZoneEntropy	5.487658034
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021217727
wavelet-HLL	ngtdm	Coarseness	0.045075149
wavelet-HLL	ngtdm	Complexity	4476.587934
wavelet-HLL	ngtdm	Strength	33.14602109
wavelet-HLL	ngtdm	Contrast	0.884761285
wavelet-HLL	ngtdm	Busyness	0.035946811
wavelet-LHL	gldm	GrayLevelVariance	51.08256173



wavelet-LHL	gldm	HighGrayLevelEmphasis	333.5092593
wavelet-LHL	gldm	DependenceEntropy	5.513784724
wavelet-LHL	gldm	DependenceNonUniformity	46.66666667
wavelet-LHL	gldm	GrayLevelNonUniformity	4.537037037
wavelet-LHL	gldm	SmallDependenceEmphasis	0.651234568
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	221.2345679
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.432098765
wavelet-LHL	gldm	LargeDependenceEmphasis	2.888888889
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.029007948
wavelet-LHL	gldm	DependenceVariance	0.469135802
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	943.8425926
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014853942
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017054393
wavelet-LHL	glcm	JointAverage	16.21086004
wavelet-LHL	glcm	SumAverage	32.42172007
wavelet-LHL	glcm	JointEntropy	6.870290769
wavelet-LHL	glcm	ClusterShade	137.273631
wavelet-LHL	glcm	MaximumProbability	0.018263625
wavelet-LHL	glcm	Idmn	0.932656477
wavelet-LHL	glcm	JointEnergy	0.008998355
wavelet-LHL	glcm	Contrast	72.78066121
wavelet-LHL	glcm	DifferenceEntropy	3.863853561
wavelet-LHL	glcm	InverseVariance	0.142428869
wavelet-LHL	glcm	DifferenceVariance	23.17145919
wavelet-LHL	glcm	Idn	0.82663227
wavelet-LHL	glcm	Idm	0.122154727
wavelet-LHL	glcm	Correlation	0.206820514
wavelet-LHL	glcm	Autocorrelation	272.4798331
wavelet-LHL	glcm	SumEntropy	4.827897298
wavelet-LHL	glcm	SumSquares	45.9790172
wavelet-LHL	glcm	ClusterProminence	28829.28609
wavelet-LHL	glcm	Imc2	0.995727553
wavelet-LHL	glcm	Imc1	-0.517782447
wavelet-LHL	glcm	DifferenceAverage	6.913934363
wavelet-LHL	glcm	Id	0.213095251
wavelet-LHL	glcm	ClusterTendency	111.1354076
wavelet-LHL	firstorder	InterquartileRange	285.1760299
wavelet-LHL	firstorder	Skewness	-0.033538258
wavelet-LHL	firstorder	Uniformity	0.042009602
wavelet-LHL	firstorder	Median	-39.80885794
wavelet-LHL	firstorder	Energy	3625890.354
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	122.1269065
wavelet-LHL	firstorder	MeanAbsoluteDeviation	154.7474562
wavelet-LHL	firstorder	TotalEnergy	97899039.57
wavelet-LHL	firstorder	Maximum	294.5734247
wavelet-LHL	firstorder	RootMeanSquared	183.229525
wavelet-LHL	firstorder	90Percentile	194.1463769
wavelet-LHL	firstorder	Minimum	-440.1334847
wavelet-LHL	firstorder	Entropy	4.683083805
wavelet-LHL	firstorder	Range	734.7069094
wavelet-LHL	firstorder	Variance	31771.54174
wavelet-LHL	firstorder	10Percentile	-271.0873082
wavelet-LHL	firstorder	Kurtosis	1.965632303

wavelet-LHL	firstorder	Mean	-42.44428227
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.017186634
wavelet-LHL	glrlm	GrayLevelVariance	51.25907605
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.017292424
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.041885035
wavelet-LHL	glrlm	RunVariance	0.021322289
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.427334252
wavelet-LHL	glrlm	LongRunEmphasis	1.066683947
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	328.3823776
wavelet-LHL	glrlm	RunLengthNonUniformity	101.2627827
wavelet-LHL	glrlm	ShortRunEmphasis	0.983329013
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	355.2540626
wavelet-LHL	glrlm	RunPercentage	0.978632479
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.017715585
wavelet-LHL	glrlm	RunEntropy	4.754443017
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	333.7567146
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.957355421
wavelet-LHL	glszm	GrayLevelVariance	53.63114885
wavelet-LHL	glszm	ZoneVariance	0.561448486
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040217914
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.604230091
wavelet-LHL	glszm	SizeZoneNonUniformity	47.73417722
wavelet-LHL	glszm	GrayLevelNonUniformity	3.17721519
wavelet-LHL	glszm	LargeAreaEmphasis	2.430379747
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	273.9125035
wavelet-LHL	glszm	ZonePercentage	0.731481481
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.030978581
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	783.1012658
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	337.0632911
wavelet-LHL	glszm	SmallAreaEmphasis	0.804655415
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.020958226
wavelet-LHL	glszm	ZoneEntropy	5.309738659
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.019770537
wavelet-LHL	ngtdm	Coarseness	0.048113889
wavelet-LHL	ngtdm	Complexity	1528.685448
wavelet-LHL	ngtdm	Strength	13.33479867
wavelet-LHL	ngtdm	Contrast	0.622181265
wavelet-LHL	ngtdm	Busyness	0.059051722
wavelet-LHH	gldm	GrayLevelVariance	38.06678669
wavelet-LHH	gldm	HighGrayLevelEmphasis	226.6203704
wavelet-LHH	gldm	DependenceEntropy	5.34490666
wavelet-LHH	gldm	DependenceNonUniformity	40.22222222
wavelet-LHH	gldm	GrayLevelNonUniformity	6.314814815
wavelet-LHH	gldm	SmallDependenceEmphasis	0.609151235
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	150.6512963
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.372427984
wavelet-LHH	gldm	LargeDependenceEmphasis	4.055555556
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.048261613
wavelet-LHH	gldm	DependenceVariance	0.960562414
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	766.3981481
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020531201
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.023843624
wavelet-LHH	glcm	JointAverage	13.76493005

wavelet-LHH	glcm	SumAverage	27.5298601
wavelet-LHH	glcm	JointEntropy	6.664401421
wavelet-LHH	glcm	ClusterShade	271.7202784
wavelet-LHH	glcm	MaximumProbability	0.027088858
wavelet-LHH	glcm	Idmn	0.949949585
wavelet-LHH	glcm	JointEnergy	0.011025447
wavelet-LHH	glcm	Contrast	64.44564825
wavelet-LHH	glcm	DifferenceEntropy	3.77092619
wavelet-LHH	glcm	InverseVariance	0.153001006
wavelet-LHH	glcm	DifferenceVariance	22.44733886
wavelet-LHH	glcm	Idn	0.851679047
wavelet-LHH	glcm	Idm	0.141102124
wavelet-LHH	glcm	Correlation	0.028473274
wavelet-LHH	glcm	Autocorrelation	190.8367833
wavelet-LHH	glcm	SumEntropy	4.553025503
wavelet-LHH	glcm	SumSquares	33.55096651
wavelet-LHH	glcm	ClusterProminence	17715.35315
wavelet-LHH	glcm	Imc2	0.989612481
wavelet-LHH	glcm	Imc1	-0.454270753
wavelet-LHH	glcm	DifferenceAverage	6.303299599
wavelet-LHH	glcm	Id	0.234006184
wavelet-LHH	glcm	ClusterTendency	69.7582178
wavelet-LHH	firstorder	InterquartileRange	195.7605149
wavelet-LHH	firstorder	Skewness	0.531781068
wavelet-LHH	firstorder	Uniformity	0.058470508
wavelet-LHH	firstorder	Median	-0.469691246
wavelet-LHH	firstorder	Energy	2579277.738
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	82.21876454
wavelet-LHH	firstorder	MeanAbsoluteDeviation	121.7908676
wavelet-LHH	firstorder	TotalEnergy	69640498.92
wavelet-LHH	firstorder	Maximum	492.1086184
wavelet-LHH	firstorder	RootMeanSquared	154.5386724
wavelet-LHH	firstorder	90Percentile	191.3391107
wavelet-LHH	firstorder	Minimum	-308.1565776
wavelet-LHH	firstorder	Entropy	4.42353119
wavelet-LHH	firstorder	Range	800.265196
wavelet-LHH	firstorder	Variance	23847.40358
wavelet-LHH	firstorder	10Percentile	-160.4676118
wavelet-LHH	firstorder	Kurtosis	3.300241525
wavelet-LHH	firstorder	Mean	5.898957219
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024141074
wavelet-LHH	glrlm	GrayLevelVariance	38.66230999
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.024323885
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.057199233
wavelet-LHH	glrlm	RunVariance	0.030672189
wavelet-LHH	glrlm	GrayLevelNonUniformity	5.998881076
wavelet-LHH	glrlm	LongRunEmphasis	1.093469321
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	223.7581508
wavelet-LHH	glrlm	RunLengthNonUniformity	98.95899051
wavelet-LHH	glrlm	ShortRunEmphasis	0.977504813
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	244.9792064
wavelet-LHH	glrlm	RunPercentage	0.970797721
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.025090016

wavelet-LHH	glrlm	RunEntropy	4.546640546
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	227.9325904
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.942932686
wavelet-LHH	glszm	GrayLevelVariance	46.17092768
wavelet-LHH	glszm	ZoneVariance	1.437545654
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048210373
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.601168736
wavelet-LHH	glszm	SizeZoneNonUniformity	44.48648649
wavelet-LHH	glszm	GrayLevelNonUniformity	3.567567568
wavelet-LHH	glszm	LargeAreaEmphasis	3.567567568
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	203.4784889
wavelet-LHH	glszm	ZonePercentage	0.685185185
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.052728096
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	654.472973
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	245.972973
wavelet-LHH	glszm	SmallAreaEmphasis	0.803188605
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.030926701
wavelet-LHH	glszm	ZoneEntropy	5.1535214
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.029211779
wavelet-LHH	ngtdm	Coarseness	0.044503102
wavelet-LHH	ngtdm	Complexity	1561.321051
wavelet-LHH	ngtdm	Strength	12.63329782
wavelet-LHH	ngtdm	Contrast	0.463969569
wavelet-LHH	ngtdm	Busyness	0.06405863
wavelet-LLH	gldm	GrayLevelVariance	109.0154321
wavelet-LLH	gldm	HighGrayLevelEmphasis	753.6111111
wavelet-LLH	gldm	DependenceEntropy	5.684065831
wavelet-LLH	gldm	DependenceNonUniformity	44.40740741
wavelet-LLH	gldm	GrayLevelNonUniformity	4.240740741
wavelet-LLH	gldm	SmallDependenceEmphasis	0.649112654
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	478.2022248
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.411179698
wavelet-LLH	gldm	LargeDependenceEmphasis	3.333333333
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018038073
wavelet-LLH	gldm	DependenceVariance	0.677640604
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2419.574074
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011136713
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012128719
wavelet-LLH	glcm	JointAverage	24.80891306
wavelet-LLH	glcm	SumAverage	49.61782611
wavelet-LLH	glcm	JointEntropy	6.848264597
wavelet-LLH	glcm	ClusterShade	2321.648345
wavelet-LLH	glcm	MaximumProbability	0.022987731
wavelet-LLH	glcm	Idmn	0.954238089
wavelet-LLH	glcm	JointEnergy	0.009305652
wavelet-LLH	glcm	Contrast	118.2308133
wavelet-LLH	glcm	DifferenceEntropy	4.092360915
wavelet-LLH	glcm	InverseVariance	0.114948155
wavelet-LLH	glcm	DifferenceVariance	43.66286371
wavelet-LLH	glcm	Idn	0.860133049
wavelet-LLH	glcm	Idm	0.112077962
wavelet-LLH	glcm	Correlation	0.372116127
wavelet-LLH	glcm	Autocorrelation	651.2503346

wavelet-LLH	glcm	SumEntropy	5.056834908
wavelet-LLH	glcm	SumSquares	94.77108072
wavelet-LLH	glcm	ClusterProminence	177408.6605
wavelet-LLH	glcm	Imc2	0.998095592
wavelet-LLH	glcm	Imc1	-0.579860796
wavelet-LLH	glcm	DifferenceAverage	8.40396355
wavelet-LLH	glcm	Id	0.200157077
wavelet-LLH	glcm	ClusterTendency	260.8535095
wavelet-LLH	firstorder	InterquartileRange	389.177991
wavelet-LLH	firstorder	Skewness	0.28857691
wavelet-LLH	firstorder	Uniformity	0.039266118
wavelet-LLH	firstorder	Median	-115.6995127
wavelet-LLH	firstorder	Energy	7701862.5
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	161.5336242
wavelet-LLH	firstorder	MeanAbsoluteDeviation	219.0248711
wavelet-LLH	firstorder	TotalEnergy	207950287.5
wavelet-LLH	firstorder	Maximum	477.0718024
wavelet-LLH	firstorder	RootMeanSquared	267.0459542
wavelet-LLH	firstorder	90Percentile	338.0870213
wavelet-LLH	firstorder	Minimum	-652.9188297
wavelet-LLH	firstorder	Entropy	4.899241009
wavelet-LLH	firstorder	Range	1129.990632
wavelet-LLH	firstorder	Variance	68571.59919
wavelet-LLH	firstorder	10Percentile	-350.3750027
wavelet-LLH	firstorder	Kurtosis	2.300262982
wavelet-LLH	firstorder	Mean	-52.36356058
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012321746
wavelet-LLH	glrlm	GrayLevelVariance	109.7109334
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.01236817
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.038796048
wavelet-LLH	glrlm	RunVariance	0.031735602
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.088730853
wavelet-LLH	glrlm	LongRunEmphasis	1.083228123
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	741.1878954
wavelet-LLH	glrlm	RunLengthNonUniformity	100.908057
wavelet-LLH	glrlm	ShortRunEmphasis	0.983000238
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	815.6870478
wavelet-LLH	glrlm	RunPercentage	0.975783476
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012579841
wavelet-LLH	glrlm	RunEntropy	4.975553454
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	753.8941896
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.956947613
wavelet-LLH	glszm	GrayLevelVariance	117.5792242
wavelet-LLH	glszm	ZoneVariance	0.775147929
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033859303
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.630834977
wavelet-LLH	glszm	SizeZoneNonUniformity	49.20512821
wavelet-LLH	glszm	GrayLevelNonUniformity	2.641025641
wavelet-LLH	glszm	LargeAreaEmphasis	2.692307692
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	598.3318376
wavelet-LLH	glszm	ZonePercentage	0.722222222
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.019890724
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1986.410256

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	747.7179487
wavelet-LLH	glszm	SmallAreaEmphasis	0.821004274
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015761801
wavelet-LLH	glszm	ZoneEntropy	5.45810318
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015201643
wavelet-LLH	ngtdm	Coarseness	0.049829885
wavelet-LLH	ngtdm	Complexity	3340.227221
wavelet-LLH	ngtdm	Strength	29.3441976
wavelet-LLH	ngtdm	Contrast	1.023346056
wavelet-LLH	ngtdm	Busyness	0.028125799
wavelet-LLL	gldm	GrayLevelVariance	489.7252229
wavelet-LLL	gldm	HighGrayLevelEmphasis	2545.675926
wavelet-LLL	gldm	DependenceEntropy	6.016235303
wavelet-LLL	gldm	DependenceNonUniformity	66.16666667
wavelet-LLL	gldm	GrayLevelNonUniformity	2.166666667
wavelet-LLL	gldm	SmallDependenceEmphasis	0.808641975
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1884.049383
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.612654321
wavelet-LLL	gldm	LargeDependenceEmphasis	1.888888889
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.02108391
wavelet-LLL	gldm	DependenceVariance	0.25617284
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5962.675926
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.020094189
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.020288177
wavelet-LLL	glcm	JointAverage	52.08848599
wavelet-LLL	glcm	SumAverage	104.176972
wavelet-LLL	glcm	JointEntropy	7.029243723
wavelet-LLL	glcm	ClusterShade	-9572.577422
wavelet-LLL	glcm	MaximumProbability	0.013879555
wavelet-LLL	glcm	Idmn	0.920833965
wavelet-LLL	glcm	JointEnergy	0.007799299
wavelet-LLL	glcm	Contrast	690.9835268
wavelet-LLL	glcm	DifferenceEntropy	4.986192165
wavelet-LLL	glcm	InverseVariance	0.048249875
wavelet-LLL	glcm	DifferenceVariance	234.8749423
wavelet-LLL	glcm	Idn	0.815413844
wavelet-LLL	glcm	Idm	0.048182295
wavelet-LLL	glcm	Correlation	0.273775871
wavelet-LLL	glcm	Autocorrelation	2842.26378
wavelet-LLL	glcm	SumEntropy	5.581624489
wavelet-LLL	glcm	SumSquares	473.8571355
wavelet-LLL	glcm	ClusterProminence	3300354.533
wavelet-LLL	glcm	Imc2	0.999916934
wavelet-LLL	glcm	Imc1	-0.766751811
wavelet-LLL	glcm	DifferenceAverage	21.15277462
wavelet-LLL	glcm	Id	0.106382524
wavelet-LLL	glcm	ClusterTendency	1204.445015
wavelet-LLL	firstorder	InterquartileRange	885.4584205
wavelet-LLL	firstorder	Skewness	0.030518355
wavelet-LLL	firstorder	Uniformity	0.020061728
wavelet-LLL	firstorder	Median	-721.1454345
wavelet-LLL	firstorder	Energy	82662238.28
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	373.8271466

wavelet-LLL	firstorder	MeanAbsoluteDeviation	477.1030321
wavelet-LLL	firstorder	TotalEnergy	2231880433
wavelet-LLL	firstorder	Maximum	294.0856171
wavelet-LLL	firstorder	RootMeanSquared	874.8663299
wavelet-LLL	firstorder	90Percentile	132.9159222
wavelet-LLL	firstorder	Minimum	-1781.152152
wavelet-LLL	firstorder	Entropy	5.82068516
wavelet-LLL	firstorder	Range	2075.237769
wavelet-LLL	firstorder	Variance	305196.3138
wavelet-LLL	firstorder	10Percentile	-1404.758476
wavelet-LLL	firstorder	Kurtosis	1.956548118
wavelet-LLL	firstorder	Mean	-678.3765778
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.020491545
wavelet-LLL	glrlm	GrayLevelVariance	487.9744016
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.020499218
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020015825
wavelet-LLL	glrlm	RunVariance	0.010678564
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.138668297
wavelet-LLL	glrlm	LongRunEmphasis	1.032719388
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2503.045279
wavelet-LLL	glrlm	RunLengthNonUniformity	104.5865652
wavelet-LLL	glrlm	ShortRunEmphasis	0.991820153
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2653.891635
wavelet-LLL	glrlm	RunPercentage	0.989316239
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.020529911
wavelet-LLL	glrlm	RunEntropy	5.838094045
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2533.21455
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.978642872
wavelet-LLL	glszm	GrayLevelVariance	470.0947261
wavelet-LLL	glszm	ZoneVariance	0.148030783
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019239475
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.758940697
wavelet-LLL	glszm	SizeZoneNonUniformity	71.34042553
wavelet-LLL	glszm	GrayLevelNonUniformity	1.808510638
wavelet-LLL	glszm	LargeAreaEmphasis	1.468085106
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2052.712175
wavelet-LLL	glszm	ZonePercentage	0.87037037
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.02361116
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4100.670213
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2403.287234
wavelet-LLL	glszm	SmallAreaEmphasis	0.894799054
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.023160855
wavelet-LLL	glszm	ZoneEntropy	6.011827681
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.023050173
wavelet-LLL	ngtdm	Coarseness	0.029994138
wavelet-LLL	ngtdm	Complexity	30298.25977
wavelet-LLL	ngtdm	Strength	79.76586594
wavelet-LLL	ngtdm	Contrast	3.603856083
wavelet-LLL	ngtdm	Busyness	0.015229212
wavelet-HHL	gldm	GrayLevelVariance	22.46262003
wavelet-HHL	gldm	HighGrayLevelEmphasis	217.9444444
wavelet-HHL	gldm	DependenceEntropy	5.255689326
wavelet-HHL	gldm	DependenceNonUniformity	34.75925926

wavelet-HHL	gldm	GrayLevelNonUniformity	7.12962963
wavelet-HHL	gldm	SmallDependenceEmphasis	0.572755837
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	130.7547996
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.321844993
wavelet-HHL	gldm	LargeDependenceEmphasis	6.148148148
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046437909
wavelet-HHL	gldm	DependenceVariance	1.846364883
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1392.740741
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01435663
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.017112479
wavelet-HHL	glcm	JointAverage	13.93341558
wavelet-HHL	glcm	SumAverage	27.86683117
wavelet-HHL	glcm	JointEntropy	6.537726464
wavelet-HHL	glcm	ClusterShade	-23.08526723
wavelet-HHL	glcm	MaximumProbability	0.0303986
wavelet-HHL	glcm	Idmn	0.941403916
wavelet-HHL	glcm	JointEnergy	0.012163751
wavelet-HHL	glcm	Contrast	43.85521277
wavelet-HHL	glcm	DifferenceEntropy	3.584143478
wavelet-HHL	glcm	InverseVariance	0.181264912
wavelet-HHL	glcm	DifferenceVariance	15.66746018
wavelet-HHL	glcm	Idn	0.84108496
wavelet-HHL	glcm	Idm	0.176729477
wavelet-HHL	glcm	Correlation	-0.041174262
wavelet-HHL	glcm	Autocorrelation	193.2034369
wavelet-HHL	glcm	SumEntropy	4.32302579
wavelet-HHL	glcm	SumSquares	20.9225015
wavelet-HHL	glcm	ClusterProminence	4732.096806
wavelet-HHL	glcm	Imc2	0.975150854
wavelet-HHL	glcm	Imc1	-0.378526554
wavelet-HHL	glcm	DifferenceAverage	5.218573478
wavelet-HHL	glcm	Id	0.269857959
wavelet-HHL	glcm	ClusterTendency	39.83479323
wavelet-HHL	firstorder	InterquartileRange	162.6824149
wavelet-HHL	firstorder	Skewness	-0.117947612
wavelet-HHL	firstorder	Uniformity	0.066015089
wavelet-HHL	firstorder	Median	13.52887559
wavelet-HHL	firstorder	Energy	1525774.184
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	70.85847054
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wavelet-HHL	firstorder	TotalEnergy	41195902.98
wavelet-HHL	firstorder	Maximum	282.7848763
wavelet-HHL	firstorder	RootMeanSquared	118.8593233
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wavelet-HHL	firstorder	Entropy	4.117113473
wavelet-HHL	firstorder	Range	602.0085212
wavelet-HHL	firstorder	Variance	14004.05338
wavelet-HHL	firstorder	10Percentile	-150.3032768
wavelet-HHL	firstorder	Kurtosis	2.726517662
wavelet-HHL	firstorder	Mean	11.11239689
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.017395475
wavelet-HHL	glrlm	GrayLevelVariance	22.95181587



wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.01759293
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.06439922
wavelet-HHL	glrlm	RunVariance	0.041183789
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.669272291
wavelet-HHL	glrlm	LongRunEmphasis	1.130382716
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	210.8918456
wavelet-HHL	glrlm	RunLengthNonUniformity	95.07986324
wavelet-HHL	glrlm	ShortRunEmphasis	0.967404321
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	246.301835
wavelet-HHL	glrlm	RunPercentage	0.958689459
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.018382749
wavelet-HHL	glrlm	RunEntropy	4.309231588
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	217.9738435
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.917632423
wavelet-HHL	glszm	GrayLevelVariance	29.30968858
wavelet-HHL	glszm	ZoneVariance	2.565743945
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.0566609
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.641435986
wavelet-HHL	glszm	SizeZoneNonUniformity	43.61764706
wavelet-HHL	glszm	GrayLevelNonUniformity	3.852941176
wavelet-HHL	glszm	LargeAreaEmphasis	5.088235294
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	190.1041204
wavelet-HHL	glszm	ZonePercentage	0.62962963
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.044884237
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1215.470588
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	222.0294118
wavelet-HHL	glszm	SmallAreaEmphasis	0.822809445
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.023516999
wavelet-HHL	glszm	ZoneEntropy	4.850125113
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.022249669
wavelet-HHL	ngtdm	Coarseness	0.041589529
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wavelet-HHL	ngtdm	Contrast	0.398785432
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wavelet-HLH	gldm	GrayLevelVariance	29.32407407
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wavelet-HLH	gldm	DependenceEntropy	5.408376595
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.561715535
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.323388203
wavelet-HLH	gldm	LargeDependenceEmphasis	5.074074074
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.047912821
wavelet-HLH	gldm	DependenceVariance	1.293209877
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wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.022192845
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.024660833
wavelet-HLH	glcm	JointAverage	13.62501401
wavelet-HLH	glcm	SumAverage	27.25002802
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wavelet-HLH	glcm	MaximumProbability	0.025671812
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wavelet-HLH	glcm	JointEnergy	0.011181905
wavelet-HLH	glcm	Contrast	58.69230549
wavelet-HLH	glcm	DifferenceEntropy	3.717812382
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wavelet-HLH	glcm	Idm	0.171057282
wavelet-HLH	glcm	Correlation	-0.040500438
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wavelet-HLH	glcm	DifferenceAverage	5.773996006
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wavelet-HLH	firstorder	InterquartileRange	167.8033465
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wavelet-HLH	firstorder	Uniformity	0.06138546
wavelet-HLH	firstorder	Median	7.905251013
wavelet-HLH	firstorder	Energy	1970843.837
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	71.04483163
wavelet-HLH	firstorder	MeanAbsoluteDeviation	105.4691019
wavelet-HLH	firstorder	TotalEnergy	53212783.59
wavelet-HLH	firstorder	Maximum	342.5037039
wavelet-HLH	firstorder	RootMeanSquared	135.087209
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wavelet-HLH	firstorder	Minimum	-302.4061039
wavelet-HLH	firstorder	Entropy	4.307131477
wavelet-HLH	firstorder	Range	644.9098078
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wavelet-HLH	firstorder	Kurtosis	2.782231649
wavelet-HLH	firstorder	Mean	-0.616625362
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.025225718
wavelet-HLH	glrlm	GrayLevelVariance	30.16676234
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.025383518
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.060002762
wavelet-HLH	glrlm	RunVariance	0.039236624
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.245679791
wavelet-HLH	glrlm	LongRunEmphasis	1.117411776
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	206.3016752
wavelet-HLH	glrlm	RunLengthNonUniformity	96.88339817
wavelet-HLH	glrlm	ShortRunEmphasis	0.972323101
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	235.5754224
wavelet-HLH	glrlm	RunPercentage	0.963675214
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.026054388
wavelet-HLH	glrlm	RunEntropy	4.473217404
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	211.9298234
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.930131912

wavelet-HLH	glszm	GrayLevelVariance	41.47988754
wavelet-HLH	glszm	ZoneVariance	2.212802768
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.047145329
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.58650519
wavelet-HLH	glszm	SizeZoneNonUniformity	39.88235294
wavelet-HLH	glszm	GrayLevelNonUniformity	3.205882353
wavelet-HLH	glszm	LargeAreaEmphasis	4.735294118
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	165.0256786
wavelet-HLH	glszm	ZonePercentage	0.62962963
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.056487274
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	957.3235294
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	212.3970588
wavelet-HLH	glszm	SmallAreaEmphasis	0.792690745
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.035888083
wavelet-HLH	glszm	ZoneEntropy	5.138502179
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.034713774
wavelet-HLH	ngtdm	Coarseness	0.049901485
wavelet-HLH	ngtdm	Complexity	1088.294126
wavelet-HLH	ngtdm	Strength	9.305354131
wavelet-HLH	ngtdm	Contrast	0.404180619
wavelet-HLH	ngtdm	Busyness	0.059152297

Image type	Feature Class	Feature Name	
general	info	BoundingBox	502: RTSTRUCT: C99-DNU_segment_ITVp (0, 0, 1, 5, 5, 4)
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	45
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original	shape	MinorAxis	12.21353278
original	shape	Elongation	0.862970258
original	shape	SurfaceVolumeRatio	0.493753569
original	shape	Volume	1215
original	shape	MajorAxis	14.15290117
original	shape	SurfaceArea	599.9105857
original	shape	Flatness	0.717848766
original	shape	LeastAxis	10.15964265
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original	shape	Maximum2DDiameterRow	13.41640786
original	gldm	GrayLevelVariance	83.10617284
original	gldm	HighGrayLevelEmphasis	346.2666667
original	gldm	DependenceEntropy	4.691853096
original	gldm	DependenceNonUniformity	20.73333333
original	gldm	GrayLevelNonUniformity	2.511111111
original	gldm	SmallDependenceEmphasis	0.627160494
original	gldm	SmallDependenceHighGrayLevelEmphasis	185.9506173
original	gldm	DependenceNonUniformityNormalized	0.460740741
original	gldm	LargeDependenceEmphasis	2.688888889
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.04911702
original	gldm	DependenceVariance	0.337777778
original	gldm	LargeDependenceHighGrayLevelEmphasis	1090.444444
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.032077263
original	gldm	LowGrayLevelEmphasis	0.035220794
original	glcm	JointAverage	18.22490759
original	glcm	SumAverage	36.44981518

original	glcm	JointEntropy	5.434539186
original	glcm	ClusterShade	20.16485518
original	glcm	MaximumProbability	0.036309585
original	glcm	Idmn	0.883873979
original	glcm	JointEnergy	0.023880008
original	glcm	Contrast	161.5622026
original	glcm	DifferenceEntropy	3.761629745
original	glcm	InverseVariance	0.087842704
original	glcm	DifferenceVariance	52.56489626
original	glcm	Idn	0.778435994
original	glcm	Idm	0.094263469
original	glcm	Correlation	0.06726969
original	glcm	Autocorrelation	337.8114928
original	glcm	SumEntropy	4.140964115
original	glcm	SumSquares	86.18594788
original	glcm	ClusterProminence	73346.15672
original	glcm	Imc2	0.998705723
original	glcm	Imc1	-0.717784456
original	glcm	DifferenceAverage	10.31041339
original	glcm	Id	0.173409334
original	glcm	ClusterTendency	183.181589
original	firstorder	InterquartileRange	379
original	firstorder	Skewness	0.214635759
original	firstorder	Uniformity	0.055802469
original	firstorder	Median	-426
original	firstorder	Energy	8908500
original	firstorder	RobustMeanAbsoluteDeviation	155.2489796
original	firstorder	MeanAbsoluteDeviation	198.8197531
original	firstorder	TotalEnergy	240529500
original	firstorder	Maximum	16
original	firstorder	RootMeanSquared	444.9344521
original	firstorder	90Percentile	-51
original	firstorder	Minimum	-752
original	firstorder	Entropy	4.385754485
original	firstorder	Range	768
original	firstorder	Variance	51872.83951
original	firstorder	10Percentile	-648
original	firstorder	Kurtosis	1.789727895
original	firstorder	Mean	-382.2222222
original	glrlm	ShortRunLowGrayLevelEmphasis	0.035661591
original	glrlm	GrayLevelVariance	82.71106578
original	glrlm	LowGrayLevelRunEmphasis	0.035795573
original	glrlm	GrayLevelNonUniformityNormalized	0.055659489
original	glrlm	RunVariance	0.020467449
original	glrlm	GrayLevelNonUniformity	2.453878163
original	glrlm	LongRunEmphasis	1.064174198
original	glrlm	ShortRunHighGrayLevelEmphasis	337.2551126
original	glrlm	RunLengthNonUniformity	42.30984132
original	glrlm	ShortRunEmphasis	0.983956451
original	glrlm	LongRunHighGrayLevelEmphasis	372.4380039
original	glrlm	RunPercentage	0.979487179
original	glrlm	LongRunLowGrayLevelEmphasis	0.036331502
original	glrlm	RunEntropy	4.419141571
original	glrlm	HighGrayLevelRunEmphasis	344.2916909
original	glrlm	RunLengthNonUniformityNormalized	0.959065101

original	glszm	GrayLevelVariance	76.60238751
original	glszm	ZoneVariance	0.35261708
original	glszm	GrayLevelNonUniformityNormalized	0.052341598
original	glszm	SizeZoneNonUniformityNormalized	0.548209366
original	glszm	SizeZoneNonUniformity	18.09090909
original	glszm	GrayLevelNonUniformity	1.727272727
original	glszm	LargeAreaEmphasis	2.212121212
original	glszm	SmallAreaHighGrayLevelEmphasis	213.9175084
original	glszm	ZonePercentage	0.733333333
original	glszm	LargeAreaLowGrayLevelEmphasis	0.054885681
original	glszm	LargeAreaHighGrayLevelEmphasis	852.5454545
original	glszm	HighGrayLevelZoneEmphasis	313.5757576
original	glszm	SmallAreaEmphasis	0.764309764
original	glszm	LowGrayLevelZoneEmphasis	0.045005337
original	glszm	ZoneEntropy	4.620151695
original	glszm	SmallAreaLowGrayLevelEmphasis	0.042985967
original	ngtdm	Coarseness	0.046998219
original	ngtdm	Complexity	2403.830544
original	ngtdm	Strength	23.0477821
original	ngtdm	Contrast	2.272176804
original	ngtdm	Busyness	0.073449147
wavelet-HHH	gldm	GrayLevelVariance	8.158024691
wavelet-HHH	gldm	HighGrayLevelEmphasis	63.57777778
wavelet-HHH	gldm	DependenceEntropy	4.119087818
wavelet-HHH	gldm	DependenceNonUniformity	15
wavelet-HHH	gldm	GrayLevelNonUniformity	5.222222222
wavelet-HHH	gldm	SmallDependenceEmphasis	0.482561728
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	31.78117284
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.333333333
wavelet-HHH	gldm	LargeDependenceEmphasis	4.511111111
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.144375273
wavelet-HHH	gldm	DependenceVariance	0.773333333
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	254.2888889
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.057734756
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.068374567
wavelet-HHH	glcm	JointAverage	7.517344992
wavelet-HHH	glcm	SumAverage	15.03468998
wavelet-HHH	glcm	JointEntropy	4.985865198
wavelet-HHH	glcm	ClusterShade	1.903978492
wavelet-HHH	glcm	MaximumProbability	0.063419068
wavelet-HHH	glcm	Idmn	0.945808181
wavelet-HHH	glcm	JointEnergy	0.035313074
wavelet-HHH	glcm	Contrast	14.41756483
wavelet-HHH	glcm	DifferenceEntropy	2.626098385
wavelet-HHH	glcm	InverseVariance	0.324227057
wavelet-HHH	glcm	DifferenceVariance	4.781837577
wavelet-HHH	glcm	Idn	0.845023584
wavelet-HHH	glcm	Idm	0.258350676
wavelet-HHH	glcm	Correlation	-0.005570471
wavelet-HHH	glcm	Autocorrelation	56.34578353
wavelet-HHH	glcm	SumEntropy	3.226097203
wavelet-HHH	glcm	SumSquares	7.015858781
wavelet-HHH	glcm	ClusterProminence	614.7205582
wavelet-HHH	glcm	Imc2	0.975433944
wavelet-HHH	glcm	Imc1	-0.469718025

wavelet-HHH	glcm	DifferenceAverage	3.015888772
wavelet-HHH	glcm	Id	0.34832803
wavelet-HHH	glcm	ClusterTendency	13.64587029
wavelet-HHH	firstorder	InterquartileRange	80.11389782
wavelet-HHH	firstorder	Skewness	-0.002822205
wavelet-HHH	firstorder	Uniformity	0.116049383
wavelet-HHH	firstorder	Median	3.01298646
wavelet-HHH	firstorder	Energy	225184.225
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	35.6863122
wavelet-HHH	firstorder	MeanAbsoluteDeviation	55.28562515
wavelet-HHH	firstorder	TotalEnergy	6079974.075
wavelet-HHH	firstorder	Maximum	176.0404188
wavelet-HHH	firstorder	RootMeanSquared	70.73962036
wavelet-HHH	firstorder	90Percentile	76.01611698
wavelet-HHH	firstorder	Minimum	-170.4602046
wavelet-HHH	firstorder	Entropy	3.351352676
wavelet-HHH	firstorder	Range	346.5006234
wavelet-HHH	firstorder	Variance	4993.265243
wavelet-HHH	firstorder	10Percentile	-94.69255171
wavelet-HHH	firstorder	Kurtosis	3.226442913
wavelet-HHH	firstorder	Mean	-3.290690751
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.06963225
wavelet-HHH	glrlm	GrayLevelVariance	8.379065887
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.070219736
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.11504078
wavelet-HHH	glrlm	RunVariance	0.039291826
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.993132619
wavelet-HHH	glrlm	LongRunEmphasis	1.12094276
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	62.19569585
wavelet-HHH	glrlm	RunLengthNonUniformity	40.55886441
wavelet-HHH	glrlm	ShortRunEmphasis	0.971848946
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	70.6614897
wavelet-HHH	glrlm	RunPercentage	0.964102564
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.072801306
wavelet-HHH	glrlm	RunEntropy	3.478640916
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	63.8288171
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.931849698
wavelet-HHH	glszm	GrayLevelVariance	11.79698217
wavelet-HHH	glszm	ZoneVariance	1.407407407
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.102880658
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.465020576
wavelet-HHH	glszm	SizeZoneNonUniformity	12.55555556
wavelet-HHH	glszm	GrayLevelNonUniformity	2.777777778
wavelet-HHH	glszm	LargeAreaEmphasis	4.185185185
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	44.95559671
wavelet-HHH	glszm	ZonePercentage	0.6
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.16940774
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	236.8518519
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	66.66666667
wavelet-HHH	glszm	SmallAreaEmphasis	0.678436214
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.099963966
wavelet-HHH	glszm	ZoneEntropy	4.032303243
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.093667103
wavelet-HHH	ngtdm	Coarseness	0.116035098
wavelet-HHH	ngtdm	Complexity	151.3778477

wavelet-HHH	ngtdm	Strength	5.962200691
wavelet-HHH	ngtdm	Contrast	0.247981602
wavelet-HHH	ngtdm	Busyness	0.10347217
wavelet-HLL	gldm	GrayLevelVariance	79.81432099
wavelet-HLL	gldm	HighGrayLevelEmphasis	392.71111111
wavelet-HLL	gldm	DependenceEntropy	4.763966707
wavelet-HLL	gldm	DependenceNonUniformity	20.42222222
wavelet-HLL	gldm	GrayLevelNonUniformity	2.333333333
wavelet-HLL	gldm	SmallDependenceEmphasis	0.65632716
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	230.7222222
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.45382716
wavelet-HLL	gldm	LargeDependenceEmphasis	2.822222222
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.043962099
wavelet-HLL	gldm	DependenceVariance	0.471111111
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1298.444444
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.034967225
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.036610807
wavelet-HLL	glcm	JointAverage	17.9948908
wavelet-HLL	glcm	SumAverage	35.98978161
wavelet-HLL	glcm	JointEntropy	5.386718162
wavelet-HLL	glcm	ClusterShade	447.3275094
wavelet-HLL	glcm	MaximumProbability	0.03807984
wavelet-HLL	glcm	Idmn	0.942179916
wavelet-HLL	glcm	JointEnergy	0.024698479
wavelet-HLL	glcm	Contrast	91.92714836
wavelet-HLL	glcm	DifferenceEntropy	3.317788653
wavelet-HLL	glcm	InverseVariance	0.171715378
wavelet-HLL	glcm	DifferenceVariance	25.16583714
wavelet-HLL	glcm	Idn	0.843841161
wavelet-HLL	glcm	Idm	0.137913433
wavelet-HLL	glcm	Correlation	0.313659712
wavelet-HLL	glcm	Autocorrelation	348.1352549
wavelet-HLL	glcm	SumEntropy	4.033376366
wavelet-HLL	glcm	SumSquares	69.17513294
wavelet-HLL	glcm	ClusterProminence	94370.56771
wavelet-HLL	glcm	Imc2	0.998500979
wavelet-HLL	glcm	Imc1	-0.707011135
wavelet-HLL	glcm	DifferenceAverage	7.576874921
wavelet-HLL	glcm	Id	0.220782978
wavelet-HLL	glcm	ClusterTendency	184.7733834
wavelet-HLL	firstorder	InterquartileRange	325.7820695
wavelet-HLL	firstorder	Skewness	0.153542452
wavelet-HLL	firstorder	Uniformity	0.051851852
wavelet-HLL	firstorder	Median	22.53977182
wavelet-HLL	firstorder	Energy	2257379.047
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	115.0132027
wavelet-HLL	firstorder	MeanAbsoluteDeviation	175.9119773
wavelet-HLL	firstorder	TotalEnergy	60949234.27
wavelet-HLL	firstorder	Maximum	465.4523869
wavelet-HLL	firstorder	RootMeanSquared	223.9731654
wavelet-HLL	firstorder	90Percentile	265.3172587
wavelet-HLL	firstorder	Minimum	-446.5018306
wavelet-HLL	firstorder	Entropy	4.446974207
wavelet-HLL	firstorder	Range	911.9542175
wavelet-HLL	firstorder	Variance	49729.94992



wavelet-HLL	firstorder	10Percentile	-308.0722534
wavelet-HLL	firstorder	Kurtosis	2.676298045
wavelet-HLL	firstorder	Mean	-20.83336041
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.037231492
wavelet-HLL	glrlm	GrayLevelVariance	80.207752
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.037301123
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.051388759
wavelet-HLL	glrlm	RunVariance	0.020467449
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.265552277
wavelet-HLL	glrlm	LongRunEmphasis	1.064174198
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	382.8375841
wavelet-HLL	glrlm	RunLengthNonUniformity	42.30984132
wavelet-HLL	glrlm	ShortRunEmphasis	0.983956451
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	421.9965138
wavelet-HLL	glrlm	RunPercentage	0.979487179
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.037579646
wavelet-HLL	glrlm	RunEntropy	4.494760079
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	390.66937
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.959065101
wavelet-HLL	glszm	GrayLevelVariance	85.07698962
wavelet-HLL	glszm	ZoneVariance	0.39532872
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.046712803
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.596885813
wavelet-HLL	glszm	SizeZoneNonUniformity	20.29411765
wavelet-HLL	glszm	GrayLevelNonUniformity	1.588235294
wavelet-HLL	glszm	LargeAreaEmphasis	2.147058824
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	271.4191176
wavelet-HLL	glszm	ZonePercentage	0.755555556
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.051732739
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	930.6470588
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	365.1470588
wavelet-HLL	glszm	SmallAreaEmphasis	0.795955882
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.046970037
wavelet-HLL	glszm	ZoneEntropy	4.712319091
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.045922974
wavelet-HLL	ngtdm	Coarseness	0.091186654
wavelet-HLL	ngtdm	Complexity	1719.114163
wavelet-HLL	ngtdm	Strength	39.95442121
wavelet-HLL	ngtdm	Contrast	1.398791195
wavelet-HLL	ngtdm	Busyness	0.027138873
wavelet-LHL	gldm	GrayLevelVariance	179.2069136
wavelet-LHL	gldm	HighGrayLevelEmphasis	927.5333333
wavelet-LHL	gldm	DependenceEntropy	4.802529763
wavelet-LHL	gldm	DependenceNonUniformity	16.91111111
wavelet-LHL	gldm	GrayLevelNonUniformity	2.288888889
wavelet-LHL	gldm	SmallDependenceEmphasis	0.613888889
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	567.0296296
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.375802469
wavelet-LHL	gldm	LargeDependenceEmphasis	3.933333333
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.036232932
wavelet-LHL	gldm	DependenceVariance	0.851358025
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3655.4
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.027281624
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.028468179
wavelet-LHL	glcm	JointAverage	27.75315304

wavelet-LHL	glcm	SumAverage	55.50630608
wavelet-LHL	glcm	JointEntropy	5.395913499
wavelet-LHL	glcm	ClusterShade	-3210.369461
wavelet-LHL	glcm	MaximumProbability	0.039355452
wavelet-LHL	glcm	Idmn	0.92328694
wavelet-LHL	glcm	JointEnergy	0.024656817
wavelet-LHL	glcm	Contrast	226.3910868
wavelet-LHL	glcm	DifferenceEntropy	3.709527624
wavelet-LHL	glcm	InverseVariance	0.13520854
wavelet-LHL	glcm	DifferenceVariance	80.63202526
wavelet-LHL	glcm	Idn	0.831240684
wavelet-LHL	glcm	Idm	0.134519407
wavelet-LHL	glcm	Correlation	0.337233139
wavelet-LHL	glcm	Autocorrelation	832.0823143
wavelet-LHL	glcm	SumEntropy	4.173605394
wavelet-LHL	glcm	SumSquares	173.0343647
wavelet-LHL	glcm	ClusterProminence	489400.9803
wavelet-LHL	glcm	Imc2	0.999319746
wavelet-LHL	glcm	Imc1	-0.770292118
wavelet-LHL	glcm	DifferenceAverage	11.24499442
wavelet-LHL	glcm	Id	0.205585524
wavelet-LHL	glcm	ClusterTendency	465.7463718
wavelet-LHL	firstorder	InterquartileRange	543.9933359
wavelet-LHL	firstorder	Skewness	-0.386535011
wavelet-LHL	firstorder	Uniformity	0.050864198
wavelet-LHL	firstorder	Median	89.75112292
wavelet-LHL	firstorder	Energy	5067402.359
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	223.08081
wavelet-LHL	firstorder	MeanAbsoluteDeviation	291.3763096
wavelet-LHL	firstorder	TotalEnergy	136819863.7
wavelet-LHL	firstorder	Maximum	491.5211792
wavelet-LHL	firstorder	RootMeanSquared	335.5725575
wavelet-LHL	firstorder	90Percentile	385.9066872
wavelet-LHL	firstorder	Minimum	-682.6771497
wavelet-LHL	firstorder	Entropy	4.56131303
wavelet-LHL	firstorder	Range	1174.198329
wavelet-LHL	firstorder	Variance	111677.5667
wavelet-LHL	firstorder	10Percentile	-517.6632996
wavelet-LHL	firstorder	Kurtosis	1.905389555
wavelet-LHL	firstorder	Mean	-30.51843129
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.029188761
wavelet-LHL	glrlm	GrayLevelVariance	181.3998464
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.029252758
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.049601376
wavelet-LHL	glrlm	RunVariance	0.028960749
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.167444505
wavelet-LHL	glrlm	LongRunEmphasis	1.091671658
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	906.0869187
wavelet-LHL	glrlm	RunLengthNonUniformity	41.2116882
wavelet-LHL	glrlm	ShortRunEmphasis	0.977082086
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1012.778177
wavelet-LHL	glrlm	RunPercentage	0.970940171
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.029508747
wavelet-LHL	glrlm	RunEntropy	4.643866864
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	927.4251705

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.942078502
wavelet-LHL	glszm	GrayLevelVariance	207.125
wavelet-LHL	glszm	ZoneVariance	0.741210938
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.041015625
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.591796875
wavelet-LHL	glszm	SizeZoneNonUniformity	18.9375
wavelet-LHL	glszm	GrayLevelNonUniformity	1.3125
wavelet-LHL	glszm	LargeAreaEmphasis	2.71875
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	733.6871875
wavelet-LHL	glszm	ZonePercentage	0.711111111
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.043235751
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2578.21875
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	922.6875
wavelet-LHL	glszm	SmallAreaEmphasis	0.797256944
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.038840098
wavelet-LHL	glszm	ZoneEntropy	4.851409766
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.038150441
wavelet-LHL	ngtdm	Coarseness	0.069819008
wavelet-LHL	ngtdm	Complexity	3902.96708
wavelet-LHL	ngtdm	Strength	68.20332125
wavelet-LHL	ngtdm	Contrast	3.474764237
wavelet-LHL	ngtdm	Busyness	0.021612354
wavelet-LHH	gldm	GrayLevelVariance	14.40987654
wavelet-LHH	gldm	HighGrayLevelEmphasis	80.2
wavelet-LHH	gldm	DependenceEntropy	4.463749485
wavelet-LHH	gldm	DependenceNonUniformity	14.15555556
wavelet-LHH	gldm	GrayLevelNonUniformity	4.022222222
wavelet-LHH	gldm	SmallDependenceEmphasis	0.477395062
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	37.15161728
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.314567901
wavelet-LHH	gldm	LargeDependenceEmphasis	5.177777778
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.136149194
wavelet-LHH	gldm	DependenceVariance	1.088395062
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	413.0444444
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040611582
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.052872111
wavelet-LHH	glcm	JointAverage	7.909034983
wavelet-LHH	glcm	SumAverage	15.81806997
wavelet-LHH	glcm	JointEntropy	5.156071404
wavelet-LHH	glcm	ClusterShade	33.37620278
wavelet-LHH	glcm	MaximumProbability	0.054025934
wavelet-LHH	glcm	Idmn	0.939773695
wavelet-LHH	glcm	JointEnergy	0.030686181
wavelet-LHH	glcm	Contrast	26.2513886
wavelet-LHH	glcm	DifferenceEntropy	2.921317592
wavelet-LHH	glcm	InverseVariance	0.245844386
wavelet-LHH	glcm	DifferenceVariance	9.344941975
wavelet-LHH	glcm	Idn	0.840550818
wavelet-LHH	glcm	Idm	0.222860049
wavelet-LHH	glcm	Correlation	-0.073946149
wavelet-LHH	glcm	Autocorrelation	61.80876926
wavelet-LHH	glcm	SumEntropy	3.47716489
wavelet-LHH	glcm	SumSquares	12.32902216
wavelet-LHH	glcm	ClusterProminence	1830.407281
wavelet-LHH	glcm	Imc2	0.988570303

wavelet-LHH	glcm	Imc1	-0.554093105
wavelet-LHH	glcm	DifferenceAverage	4.002733207
wavelet-LHH	glcm	Id	0.314396485
wavelet-LHH	glcm	ClusterTendency	23.06470006
wavelet-LHH	firstorder	InterquartileRange	136.0983992
wavelet-LHH	firstorder	Skewness	0.444081639
wavelet-LHH	firstorder	Uniformity	0.089382716
wavelet-LHH	firstorder	Median	-27.13207427
wavelet-LHH	firstorder	Energy	394492.2215
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	53.5486816
wavelet-LHH	firstorder	MeanAbsoluteDeviation	76.18482888
wavelet-LHH	firstorder	TotalEnergy	10651289.98
wavelet-LHH	firstorder	Maximum	251.1586874
wavelet-LHH	firstorder	RootMeanSquared	93.62955628
wavelet-LHH	firstorder	90Percentile	109.2799862
wavelet-LHH	firstorder	Minimum	-186.774129
wavelet-LHH	firstorder	Entropy	3.68331803
wavelet-LHH	firstorder	Range	437.9328164
wavelet-LHH	firstorder	Variance	8658.114452
wavelet-LHH	firstorder	10Percentile	-125.4573268
wavelet-LHH	firstorder	Kurtosis	2.90395307
wavelet-LHH	firstorder	Mean	-10.41054071
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.053536605
wavelet-LHH	glrlm	GrayLevelVariance	14.62214563
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.054195488
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.088201828
wavelet-LHH	glrlm	RunVariance	0.039138057
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.812702707
wavelet-LHH	glrlm	LongRunEmphasis	1.124936606
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	77.52814595
wavelet-LHH	glrlm	RunLengthNonUniformity	39.90194434
wavelet-LHH	glrlm	ShortRunEmphasis	0.968765848
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	90.41063021
wavelet-LHH	glrlm	RunPercentage	0.960683761
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.056831019
wavelet-LHH	glrlm	RunEntropy	3.800881856
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	80.1046428
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.921723887
wavelet-LHH	glszm	GrayLevelVariance	17.58024691
wavelet-LHH	glszm	ZoneVariance	1.185185185
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.0781893
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.432098765
wavelet-LHH	glszm	SizeZoneNonUniformity	11.66666667
wavelet-LHH	glszm	GrayLevelNonUniformity	2.111111111
wavelet-LHH	glszm	LargeAreaEmphasis	3.962962963
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	52.47942387
wavelet-LHH	glszm	ZonePercentage	0.6
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.135618061
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	303.8888889
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	79.81481481
wavelet-LHH	glszm	SmallAreaEmphasis	0.670781893
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.073033774
wavelet-LHH	glszm	ZoneEntropy	4.282484261
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.064493208
wavelet-LHH	ngtdm	Coarseness	0.095808375

wavelet-LHH	ngtdm	Complexity	297.4969328
wavelet-LHH	ngtdm	Strength	7.667871473
wavelet-LHH	ngtdm	Contrast	0.461538545
wavelet-LHH	ngtdm	Busyness	0.117657199
wavelet-LLH	gldm	GrayLevelVariance	61.89333333
wavelet-LLH	gldm	HighGrayLevelEmphasis	273.1111111
wavelet-LLH	gldm	DependenceEntropy	4.791635874
wavelet-LLH	gldm	DependenceNonUniformity	14.77777778
wavelet-LLH	gldm	GrayLevelNonUniformity	2.644444444
wavelet-LLH	gldm	SmallDependenceEmphasis	0.513888889
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	179.3447531
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.328395062
wavelet-LLH	gldm	LargeDependenceEmphasis	4.333333333
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.071871031
wavelet-LLH	gldm	DependenceVariance	0.765432099
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	961.4666667
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.03172859
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.037659044
wavelet-LLH	glcm	JointAverage	13.84583868
wavelet-LLH	glcm	SumAverage	27.69167735
wavelet-LLH	glcm	JointEntropy	5.326845993
wavelet-LLH	glcm	ClusterShade	1028.823828
wavelet-LLH	glcm	MaximumProbability	0.048906088
wavelet-LLH	glcm	Idmn	0.941209462
wavelet-LLH	glcm	JointEnergy	0.026278939
wavelet-LLH	glcm	Contrast	82.6178923
wavelet-LLH	glcm	DifferenceEntropy	3.489884142
wavelet-LLH	glcm	InverseVariance	0.131247592
wavelet-LLH	glcm	DifferenceVariance	29.75760271
wavelet-LLH	glcm	Idn	0.843336262
wavelet-LLH	glcm	Idm	0.147035607
wavelet-LLH	glcm	Correlation	0.256599564
wavelet-LLH	glcm	Autocorrelation	207.4389541
wavelet-LLH	glcm	SumEntropy	4.046973055
wavelet-LLH	glcm	SumSquares	56.66512442
wavelet-LLH	glcm	ClusterProminence	60218.06717
wavelet-LLH	glcm	Imc2	0.997922797
wavelet-LLH	glcm	Imc1	-0.683523432
wavelet-LLH	glcm	DifferenceAverage	7.030934464
wavelet-LLH	glcm	Id	0.235606485
wavelet-LLH	glcm	ClusterTendency	144.0426054
wavelet-LLH	firstorder	InterquartileRange	267.7835107
wavelet-LLH	firstorder	Skewness	0.549171226
wavelet-LLH	firstorder	Uniformity	0.058765432
wavelet-LLH	firstorder	Median	-17.35750501
wavelet-LLH	firstorder	Energy	1734357.187
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	107.9778643
wavelet-LLH	firstorder	MeanAbsoluteDeviation	156.6482169
wavelet-LLH	firstorder	TotalEnergy	46827644.04
wavelet-LLH	firstorder	Maximum	452.3343716
wavelet-LLH	firstorder	RootMeanSquared	196.3193083
wavelet-LLH	firstorder	90Percentile	232.2318757
wavelet-LLH	firstorder	Minimum	-352.5377665
wavelet-LLH	firstorder	Entropy	4.294646363
wavelet-LLH	firstorder	Range	804.8721381

wavelet-LLH	firstorder	Variance	37966.92288
wavelet-LLH	firstorder	10Percentile	-249.6564601
wavelet-LLH	firstorder	Kurtosis	2.748354271
wavelet-LLH	firstorder	Mean	-23.96555719
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.038356156
wavelet-LLH	glrlm	GrayLevelVariance	63.00350232
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.038632805
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.0580017
wavelet-LLH	glrlm	RunVariance	0.037829106
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.521974537
wavelet-LLH	glrlm	LongRunEmphasis	1.113350022
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	270.241197
wavelet-LLH	glrlm	RunLengthNonUniformity	40.70050066
wavelet-LLH	glrlm	ShortRunEmphasis	0.973799247
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	298.0072315
wavelet-LLH	glrlm	RunPercentage	0.965811966
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.039913826
wavelet-LLH	glrlm	RunEntropy	4.375080753
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	275.7106432
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.934726404
wavelet-LLH	glszm	GrayLevelVariance	79.45280612
wavelet-LLH	glszm	ZoneVariance	0.952806122
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.048469388
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.466836735
wavelet-LLH	glszm	SizeZoneNonUniformity	13.07142857
wavelet-LLH	glszm	GrayLevelNonUniformity	1.357142857
wavelet-LLH	glszm	LargeAreaEmphasis	3.535714286
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	267.3065476
wavelet-LLH	glszm	ZonePercentage	0.622222222
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.080384325
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	815.5714286
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	323.0357143
wavelet-LLH	glszm	SmallAreaEmphasis	0.704801587
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.053347018
wavelet-LLH	glszm	ZoneEntropy	4.664497779
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.049389476
wavelet-LLH	ngtdm	Coarseness	0.087818387
wavelet-LLH	ngtdm	Complexity	1383.205809
wavelet-LLH	ngtdm	Strength	31.07169493
wavelet-LLH	ngtdm	Contrast	1.251552176
wavelet-LLH	ngtdm	Busyness	0.05371291
wavelet-LLL	gldm	GrayLevelVariance	333.5377778
wavelet-LLL	gldm	HighGrayLevelEmphasis	1069.755556
wavelet-LLL	gldm	DependenceEntropy	5.002964207
wavelet-LLL	gldm	DependenceNonUniformity	23.4
wavelet-LLL	gldm	GrayLevelNonUniformity	1.977777778
wavelet-LLL	gldm	SmallDependenceEmphasis	0.740740741
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	737.7234568
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.52
wavelet-LLL	gldm	LargeDependenceEmphasis	2.333333333
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.076850872
wavelet-LLL	gldm	DependenceVariance	0.373333333
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2707.711111
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.032807589
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.041559526

wavelet-LLL	glcm	JointAverage	32.07494257
wavelet-LLL	glcm	SumAverage	64.14988514
wavelet-LLL	glcm	JointEntropy	5.437646168
wavelet-LLL	glcm	ClusterShade	420.1552953
wavelet-LLL	glcm	MaximumProbability	0.039319002
wavelet-LLL	glcm	Idmn	0.894989873
wavelet-LLL	glcm	JointEnergy	0.023817085
wavelet-LLL	glcm	Contrast	613.2562196
wavelet-LLL	glcm	DifferenceEntropy	4.042694702
wavelet-LLL	glcm	InverseVariance	0.069862056
wavelet-LLL	glcm	DifferenceVariance	194.5614517
wavelet-LLL	glcm	Idn	0.788375679
wavelet-LLL	glcm	Idm	0.070071446
wavelet-LLL	glcm	Correlation	0.155082694
wavelet-LLL	glcm	Autocorrelation	1084.464939
wavelet-LLL	glcm	SumEntropy	4.289363638
wavelet-LLL	glcm	SumSquares	361.1384947
wavelet-LLL	glcm	ClusterProminence	1513796.43
wavelet-LLL	glcm	Imc2	0.999522137
wavelet-LLL	glcm	Imc1	-0.786438074
wavelet-LLL	glcm	DifferenceAverage	20.20146309
wavelet-LLL	glcm	Id	0.122834292
wavelet-LLL	glcm	ClusterTendency	831.2977592
wavelet-LLL	firstorder	InterquartileRange	635.7983043
wavelet-LLL	firstorder	Skewness	0.424428501
wavelet-LLL	firstorder	Uniformity	0.043950617
wavelet-LLL	firstorder	Median	-1220.315058
wavelet-LLL	firstorder	Energy	75076740.91
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	282.441122
wavelet-LLL	firstorder	MeanAbsoluteDeviation	380.6671534
wavelet-LLL	firstorder	TotalEnergy	2027072005
wavelet-LLL	firstorder	Maximum	-209.7458023
wavelet-LLL	firstorder	RootMeanSquared	1291.654761
wavelet-LLL	firstorder	90Percentile	-490.4110667
wavelet-LLL	firstorder	Minimum	-1859.303001
wavelet-LLL	firstorder	Entropy	4.719522263
wavelet-LLL	firstorder	Range	1649.557199
wavelet-LLL	firstorder	Variance	209460.883
wavelet-LLL	firstorder	10Percentile	-1790.869536
wavelet-LLL	firstorder	Kurtosis	2.163650394
wavelet-LLL	firstorder	Mean	-1207.853939
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.041392097
wavelet-LLL	glrlm	GrayLevelVariance	334.311818
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.041745547
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.043394752
wavelet-LLL	glrlm	RunVariance	0.015371039
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.922986574
wavelet-LLL	glrlm	LongRunEmphasis	1.047446739
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1052.216165
wavelet-LLL	glrlm	RunLengthNonUniformity	42.96186372
wavelet-LLL	glrlm	ShortRunEmphasis	0.988138315
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1126.055154
wavelet-LLL	glrlm	RunPercentage	0.984615385
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.043159348
wavelet-LLL	glrlm	RunEntropy	4.756379487

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1066.983963
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.969257923
wavelet-LLL	glszm	GrayLevelVariance	346.1080247
wavelet-LLL	glszm	ZoneVariance	0.409722222
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.037037037
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.708333333
wavelet-LLL	glszm	SizeZoneNonUniformity	25.5
wavelet-LLL	glszm	GrayLevelNonUniformity	1.333333333
wavelet-LLL	glszm	LargeAreaEmphasis	1.972222222
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	846.6736111
wavelet-LLL	glszm	ZonePercentage	0.8
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.066814737
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2192.75
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1025
wavelet-LLL	glszm	SmallAreaEmphasis	0.865933642
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.044623631
wavelet-LLL	glszm	ZoneEntropy	4.947702779
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.03918049
wavelet-LLL	ngtdm	Coarseness	0.044377632
wavelet-LLL	ngtdm	Complexity	10039.35714
wavelet-LLL	ngtdm	Strength	70.58219689
wavelet-LLL	ngtdm	Contrast	10.39381648
wavelet-LLL	ngtdm	Busyness	0.029475738
wavelet-HHL	gldm	GrayLevelVariance	12.23506173
wavelet-HHL	gldm	HighGrayLevelEmphasis	108.7111111
wavelet-HHL	gldm	DependenceEntropy	4.341310041
wavelet-HHL	gldm	DependenceNonUniformity	13.08888889
wavelet-HHL	gldm	GrayLevelNonUniformity	4.244444444
wavelet-HHL	gldm	SmallDependenceEmphasis	0.482216049
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	53.93101235
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.290864198
wavelet-HHL	gldm	LargeDependenceEmphasis	5.355555556
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.235699771
wavelet-HHL	gldm	DependenceVariance	1.084444444
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	563.8666667
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.0193317
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.057616193
wavelet-HHL	glcm	JointAverage	9.991043285
wavelet-HHL	glcm	SumAverage	19.98208657
wavelet-HHL	glcm	JointEntropy	5.094904316
wavelet-HHL	glcm	ClusterShade	-23.32119487
wavelet-HHL	glcm	MaximumProbability	0.058139985
wavelet-HHL	glcm	Idmn	0.931371366
wavelet-HHL	glcm	JointEnergy	0.032438755
wavelet-HHL	glcm	Contrast	21.93187563
wavelet-HHL	glcm	DifferenceEntropy	2.836891495
wavelet-HHL	glcm	InverseVariance	0.213700217
wavelet-HHL	glcm	DifferenceVariance	7.311588779
wavelet-HHL	glcm	Idn	0.826305295
wavelet-HHL	glcm	Idm	0.214513633
wavelet-HHL	glcm	Correlation	0.001200315
wavelet-HHL	glcm	Autocorrelation	100.2772448
wavelet-HHL	glcm	SumEntropy	3.553829712
wavelet-HHL	glcm	SumSquares	11.28324732
wavelet-HHL	glcm	ClusterProminence	1559.321261



wavelet-HHL	glcm	Imc2	0.986599132
wavelet-HHL	glcm	Imc1	-0.535009706
wavelet-HHL	glcm	DifferenceAverage	3.722219374
wavelet-HHL	glcm	Id	0.314939348
wavelet-HHL	glcm	ClusterTendency	23.20111365
wavelet-HHL	firstorder	InterquartileRange	132.8731622
wavelet-HHL	firstorder	Skewness	-0.556134472
wavelet-HHL	firstorder	Uniformity	0.094320988
wavelet-HHL	firstorder	Median	12.07839806
wavelet-HHL	firstorder	Energy	349343.1303
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	47.09744845
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.53619871
wavelet-HHL	firstorder	TotalEnergy	9432264.518
wavelet-HHL	firstorder	Maximum	166.7158201
wavelet-HHL	firstorder	RootMeanSquared	88.1089137
wavelet-HHL	firstorder	90Percentile	110.9630722
wavelet-HHL	firstorder	Minimum	-212.2875159
wavelet-HHL	firstorder	Entropy	3.583179421
wavelet-HHL	firstorder	Range	379.003336
wavelet-HHL	firstorder	Variance	7696.793443
wavelet-HHL	firstorder	10Percentile	-103.5114093
wavelet-HHL	firstorder	Kurtosis	2.978096254
wavelet-HHL	firstorder	Mean	8.147835958
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.055986653
wavelet-HHL	glrlm	GrayLevelVariance	12.44596923
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.057748406
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.092764872
wavelet-HHL	glrlm	RunVariance	0.056182509
wavelet-HHL	glrlm	GrayLevelNonUniformity	4.00525517
wavelet-HHL	glrlm	LongRunEmphasis	1.148141513
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	105.7299349
wavelet-HHL	glrlm	RunLengthNonUniformity	40.09738711
wavelet-HHL	glrlm	ShortRunEmphasis	0.970546961
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	123.9628417
wavelet-HHL	glrlm	RunPercentage	0.958974359
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.065209402
wavelet-HHL	glrlm	RunEntropy	3.720208364
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	108.8955044
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.927332487
wavelet-HHL	glszm	GrayLevelVariance	15.0591716
wavelet-HHL	glszm	ZoneVariance	1.658284024
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.082840237
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.479289941
wavelet-HHL	glszm	SizeZoneNonUniformity	12.46153846
wavelet-HHL	glszm	GrayLevelNonUniformity	2.153846154
wavelet-HHL	glszm	LargeAreaEmphasis	4.653846154
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	79.76042735
wavelet-HHL	glszm	ZonePercentage	0.577777778
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.20519256
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	517.5384615
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	109
wavelet-HHL	glszm	SmallAreaEmphasis	0.710811966
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.054247287
wavelet-HHL	glszm	ZoneEntropy	4.132944045
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.022716218

wavelet-HHL	ngtdm	Coarseness	0.108224325
wavelet-HHL	ngtdm	Complexity	208.1461888
wavelet-HHL	ngtdm	Strength	6.932579604
wavelet-HHL	ngtdm	Contrast	0.371964709
wavelet-HHL	ngtdm	Busyness	0.085485816
wavelet-HLH	gldm	GrayLevelVariance	8.017777778
wavelet-HLH	gldm	HighGrayLevelEmphasis	57.955555556
wavelet-HLH	gldm	DependenceEntropy	4.58618893
wavelet-HLH	gldm	DependenceNonUniformity	11.133333333
wavelet-HLH	gldm	GrayLevelNonUniformity	5.4
wavelet-HLH	gldm	SmallDependenceEmphasis	0.401895062
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	30.01967901
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.247407407
wavelet-HLH	gldm	LargeDependenceEmphasis	7.177777778
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.231197816
wavelet-HLH	gldm	DependenceVariance	1.523950617
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	359.3777778
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.032397751
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.053706005
wavelet-HLH	glcm	JointAverage	7.098516926
wavelet-HLH	glcm	SumAverage	14.19703385
wavelet-HLH	glcm	JointEntropy	5.023501218
wavelet-HLH	glcm	ClusterShade	17.39371678
wavelet-HLH	glcm	MaximumProbability	0.068284232
wavelet-HLH	glcm	Idmn	0.930491048
wavelet-HLH	glcm	JointEnergy	0.034456797
wavelet-HLH	glcm	Contrast	16.37780619
wavelet-HLH	glcm	DifferenceEntropy	2.850585683
wavelet-HLH	glcm	InverseVariance	0.216584747
wavelet-HLH	glcm	DifferenceVariance	5.405355274
wavelet-HLH	glcm	Idn	0.825164324
wavelet-HLH	glcm	Idm	0.247973211
wavelet-HLH	glcm	Correlation	0.000516732
wavelet-HLH	glcm	Autocorrelation	50.48216428
wavelet-HLH	glcm	SumEntropy	3.444552677
wavelet-HLH	glcm	SumSquares	8.249854971
wavelet-HLH	glcm	ClusterProminence	796.0516601
wavelet-HLH	glcm	Imc2	0.966099562
wavelet-HLH	glcm	Imc1	-0.434144497
wavelet-HLH	glcm	DifferenceAverage	3.272260189
wavelet-HLH	glcm	Id	0.346494466
wavelet-HLH	glcm	ClusterTendency	16.62161369
wavelet-HLH	firstorder	InterquartileRange	83.7698416
wavelet-HLH	firstorder	Skewness	0.24034703
wavelet-HLH	firstorder	Uniformity	0.12
wavelet-HLH	firstorder	Median	-10.29730626
wavelet-HLH	firstorder	Energy	232983.6405
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.73972157
wavelet-HLH	firstorder	MeanAbsoluteDeviation	54.93968171
wavelet-HLH	firstorder	TotalEnergy	6290558.294
wavelet-HLH	firstorder	Maximum	165.8041768
wavelet-HLH	firstorder	RootMeanSquared	71.95425098
wavelet-HLH	firstorder	90Percentile	78.03451854
wavelet-HLH	firstorder	Minimum	-172.4798069
wavelet-HLH	firstorder	Entropy	3.297874075

wavelet-HLH	firstorder	Range	338.2839838
wavelet-HLH	firstorder	Variance	5068.331764
wavelet-HLH	firstorder	10Percentile	-104.2915496
wavelet-HLH	firstorder	Kurtosis	2.996057895
wavelet-HLH	firstorder	Mean	-10.44425533
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.053676456
wavelet-HLH	glrlm	GrayLevelVariance	8.283294237
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.054993032
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.117161944
wavelet-HLH	glrlm	RunVariance	0.052686958
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.994876677
wavelet-HLH	glrlm	LongRunEmphasis	1.169950937
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	56.49459021
wavelet-HLH	glrlm	RunLengthNonUniformity	38.17545118
wavelet-HLH	glrlm	ShortRunEmphasis	0.957512266
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	66.6606595
wavelet-HLH	glrlm	RunPercentage	0.947008547
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.060259336
wavelet-HLH	glrlm	RunEntropy	3.524036333
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	58.52780406
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.894626084
wavelet-HLH	glszm	GrayLevelVariance	12.20408163
wavelet-HLH	glszm	ZoneVariance	3.836734694
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.088435374
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.424036281
wavelet-HLH	glszm	SizeZoneNonUniformity	8.904761905
wavelet-HLH	glszm	GrayLevelNonUniformity	1.857142857
wavelet-HLH	glszm	LargeAreaEmphasis	8.428571429
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	55.91669366
wavelet-HLH	glszm	ZonePercentage	0.466666667
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.296462792
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	418.6666667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	71.71428571
wavelet-HLH	glszm	SmallAreaEmphasis	0.668610301
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.075794398
wavelet-HLH	glszm	ZoneEntropy	4.106603137
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.061700264
wavelet-HLH	ngtdm	Coarseness	0.100603097
wavelet-HLH	ngtdm	Complexity	158.7619489
wavelet-HLH	ngtdm	Strength	5.692229588
wavelet-HLH	ngtdm	Contrast	0.247751038
wavelet-HLH	ngtdm	Busyness	0.129128848

Image type	Feature Class	Feature Name	11: RTSTRUCT: C99-DNU_segment_GTV RLL
general	info	BoundingBox	(1, 0, 1, 5, 7, 5)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	3a081fbf94e08190510786c9b43559c48a9791fb
general	info	ImageSpacing	(1.26953125, 1.26953125, 2.0)
general	info	MaskHash	f677c81c0826f6b15ba759d23aba66b368686682
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	110
original	shape	Maximum3DDiameter	20.34698995
original	shape	Maximum2DDiameterSlice	17.49285568
original	shape	Sphericity	0.916448828
original	shape	MinorAxis	15.65513004
original	shape	Elongation	0.815104627
original	shape	SurfaceVolumeRatio	0.367105103
original	shape	Volume	2970
original	shape	MajorAxis	19.20628287
original	shape	SurfaceArea	1090.302156
original	shape	Flatness	0.719001573
original	shape	LeastAxis	13.8093476
original	shape	Maximum2DDiameterColumn	16.97056275
original	shape	Maximum2DDiameterRow	20.1246118
original	gldm	GrayLevelVariance	59.9292562
original	gldm	HighGrayLevelEmphasis	782.0727273
original	gldm	DependenceEntropy	5.361241537
original	gldm	DependenceNonUniformity	25.85454545
original	gldm	GrayLevelNonUniformity	8.963636364
original	gldm	SmallDependenceEmphasis	0.474290908
original	gldm	SmallDependenceHighGrayLevelEmphasis	268.2191194
original	gldm	DependenceNonUniformityNormalized	0.235041322
original	gldm	LargeDependenceEmphasis	12.78181818
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.023270861
original	gldm	DependenceVariance	4.736859504
original	gldm	LargeDependenceHighGrayLevelEmphasis	13065.2
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011148598
original	gldm	LowGrayLevelEmphasis	0.011731831
original	glcm	JointAverage	28.50064765
original	glcm	SumAverage	57.0012953
original	glcm	JointEntropy	6.062832543
original	glcm	ClusterShade	-1723.770545
original	glcm	MaximumProbability	0.059639838
original	glcm	ldmn	0.953387623
original	glcm	JointEnergy	0.020588645

original	glcm	Contrast	72.41923794
original	glcm	DifferenceEntropy	3.653319024
original	glcm	InverseVariance	0.273041486
original	glcm	DifferenceVariance	40.4989274
original	glcm	Idn	0.879100821
original	glcm	Idm	0.264901232
original	glcm	Correlation	0.200756714
original	glcm	Autocorrelation	821.6542029
original	glcm	SumEntropy	4.318739521
original	glcm	SumSquares	45.52948578
original	glcm	ClusterProminence	61309.63283
original	glcm	Imc2	0.970847411
original	glcm	Imc1	-0.383068838
original	glcm	DifferenceAverage	5.633352438
original	glcm	Id	0.335159222
original	glcm	ClusterTendency	109.6987052
original	firstorder	InterquartileRange	217.25
original	firstorder	Skewness	-1.386387329
original	firstorder	Uniformity	0.081487603
original	firstorder	Median	-53.5
original	firstorder	Energy	6360220
original	firstorder	RobustMeanAbsoluteDeviation	103.3306401
original	firstorder	MeanAbsoluteDeviation	154.6981818
original	firstorder	TotalEnergy	171725940
original	firstorder	Maximum	72
original	firstorder	RootMeanSquared	240.4582746
original	firstorder	90Percentile	23
original	firstorder	Minimum	-781
original	firstorder	Entropy	4.136812194
original	firstorder	Range	853
original	firstorder	Variance	37826.22182
original	firstorder	10Percentile	-426.2
original	firstorder	Kurtosis	4.111826286
original	firstorder	Mean	-141.4
original	glrlm	ShortRunLowGrayLevelEmphasis	0.012500793
original	glrlm	GrayLevelVariance	61.93737655
original	glrlm	LowGrayLevelRunEmphasis	0.012555209
original	glrlm	GrayLevelNonUniformityNormalized	0.073983114
original	glrlm	RunVariance	0.083856581
original	glrlm	GrayLevelNonUniformity	7.570768607
original	glrlm	LongRunEmphasis	1.244343396
original	glrlm	ShortRunHighGrayLevelEmphasis	708.9192913
original	glrlm	RunLengthNonUniformity	89.1074329
original	glrlm	ShortRunEmphasis	0.946603158
original	glrlm	LongRunHighGrayLevelEmphasis	1013.713811
original	glrlm	RunPercentage	0.929370629
original	glrlm	LongRunLowGrayLevelEmphasis	0.012802737
original	glrlm	RunEntropy	4.471504661
original	glrlm	HighGrayLevelRunEmphasis	763.5295444
original	glrlm	RunLengthNonUniformityNormalized	0.870436018
original	glszm	GrayLevelVariance	68.89158163
original	glszm	ZoneVariance	10.49872449
original	glszm	GrayLevelNonUniformityNormalized	0.051658163
original	glszm	SizeZoneNonUniformityNormalized	0.65880102
original	glszm	SizeZoneNonUniformity	36.89285714
original	glszm	GrayLevelNonUniformity	2.892857143

original	glszm	LargeAreaEmphasis	14.35714286
original	glszm	SmallAreaHighGrayLevelEmphasis	436.7283236
original	glszm	ZonePercentage	0.509090909
original	glszm	LargeAreaLowGrayLevelEmphasis	0.035119499
original	glszm	LargeAreaHighGrayLevelEmphasis	14451.78571
original	glszm	HighGrayLevelZoneEmphasis	576.75
original	glszm	SmallAreaEmphasis	0.833101623
original	glszm	LowGrayLevelZoneEmphasis	0.022009056
original	glszm	ZoneEntropy	4.857010619
original	glszm	SmallAreaLowGrayLevelEmphasis	0.021776125
original	ngtdm	Coarseness	0.034304122
original	ngtdm	Complexity	1865.399869
original	ngtdm	Strength	21.54000184
original	ngtdm	Contrast	0.705465351
original	ngtdm	Busyness	0.028647855
wavelet-HHH	gldm	GrayLevelVariance	14.58545455
wavelet-HHH	gldm	HighGrayLevelEmphasis	149.1454545
wavelet-HHH	gldm	DependenceEntropy	5.332292928
wavelet-HHH	gldm	DependenceNonUniformity	26.65454545
wavelet-HHH	gldm	GrayLevelNonUniformity	9.672727273
wavelet-HHH	gldm	SmallDependenceEmphasis	0.450566842
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	77.35631463
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.24231405
wavelet-HHH	gldm	LargeDependenceEmphasis	8.163636364
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.079443313
wavelet-HHH	gldm	DependenceVariance	2.316033058
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1119.018182
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015835417
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.021009
wavelet-HHH	glcm	JointAverage	11.54390132
wavelet-HHH	glcm	SumAverage	23.08780264
wavelet-HHH	glcm	JointEntropy	6.255708139
wavelet-HHH	glcm	ClusterShade	-1.080958065
wavelet-HHH	glcm	MaximumProbability	0.03894739
wavelet-HHH	glcm	Idmn	0.956163544
wavelet-HHH	glcm	JointEnergy	0.015661065
wavelet-HHH	glcm	Contrast	27.33314932
wavelet-HHH	glcm	DifferenceEntropy	3.295092338
wavelet-HHH	glcm	InverseVariance	0.252356527
wavelet-HHH	glcm	DifferenceVariance	11.38590047
wavelet-HHH	glcm	Idn	0.865772199
wavelet-HHH	glcm	Idm	0.236628799
wavelet-HHH	glcm	Correlation	-0.036323595
wavelet-HHH	glcm	Autocorrelation	132.6776952
wavelet-HHH	glcm	SumEntropy	3.998237732
wavelet-HHH	glcm	SumSquares	13.06985862
wavelet-HHH	glcm	ClusterProminence	2291.778979
wavelet-HHH	glcm	Imc2	0.958072185
wavelet-HHH	glcm	Imc1	-0.335676302
wavelet-HHH	glcm	DifferenceAverage	3.947021677
wavelet-HHH	glcm	Id	0.326418045
wavelet-HHH	glcm	ClusterTendency	24.94628517
wavelet-HHH	firstorder	InterquartileRange	103.5797128
wavelet-HHH	firstorder	Skewness	0.077791002
wavelet-HHH	firstorder	Uniformity	0.087933884
wavelet-HHH	firstorder	Median	0.023507155

wavelet-HHH	firstorder	Energy	1019416.594
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	45.26666926
wavelet-HHH	firstorder	MeanAbsoluteDeviation	72.08507233
wavelet-HHH	firstorder	TotalEnergy	27524248.04
wavelet-HHH	firstorder	Maximum	297.1305783
wavelet-HHH	firstorder	RootMeanSquared	96.26745859
wavelet-HHH	firstorder	90Percentile	111.2527884
wavelet-HHH	firstorder	Minimum	-259.2300021
wavelet-HHH	firstorder	Entropy	3.839552118
wavelet-HHH	firstorder	Range	556.3605805
wavelet-HHH	firstorder	Variance	9258.85464
wavelet-HHH	firstorder	10Percentile	-115.374511
wavelet-HHH	firstorder	Kurtosis	3.809082077
wavelet-HHH	firstorder	Mean	2.927275655
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.021366044
wavelet-HHH	grlm	GrayLevelVariance	15.24524376
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.021729862
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.085276212
wavelet-HHH	grlm	RunVariance	0.058761084
wavelet-HHH	grlm	GrayLevelNonUniformity	8.870916525
wavelet-HHH	grlm	LongRunEmphasis	1.178479333
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	144.46085
wavelet-HHH	grlm	RunLengthNonUniformity	93.1520392
wavelet-HHH	grlm	ShortRunEmphasis	0.957853937
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	173.9092859
wavelet-HHH	grlm	RunPercentage	0.945454545
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.023254705
wavelet-HHH	grlm	RunEntropy	4.101579903
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	150.0637776
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.89514485
wavelet-HHH	glszm	GrayLevelVariance	24.66709184
wavelet-HHH	glszm	ZoneVariance	4.891581633
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.066326531
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.510204082
wavelet-HHH	glszm	SizeZoneNonUniformity	28.57142857
wavelet-HHH	glszm	GrayLevelNonUniformity	3.714285714
wavelet-HHH	glszm	LargeAreaEmphasis	8.75
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	133.1297199
wavelet-HHH	glszm	ZonePercentage	0.509090909
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.095790245
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1211.785714
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	166.1071429
wavelet-HHH	glszm	SmallAreaEmphasis	0.740836636
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.032556676
wavelet-HHH	glszm	ZoneEntropy	4.840587681
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.029691938
wavelet-HHH	ngtdm	Coarseness	0.058938716
wavelet-HHH	ngtdm	Complexity	479.82203
wavelet-HHH	ngtdm	Strength	6.852646364
wavelet-HHH	ngtdm	Contrast	0.210347951
wavelet-HHH	ngtdm	Busyness	0.06858538
wavelet-HLL	gldm	GrayLevelVariance	60.55247934
wavelet-HLL	gldm	HighGrayLevelEmphasis	257.8272727
wavelet-HLL	gldm	DependenceEntropy	5.660594145
wavelet-HLL	gldm	DependenceNonUniformity	28.29090909
wavelet-HLL	gldm	GrayLevelNonUniformity	6.018181818

wavelet-HLL	gldm	SmallDependenceEmphasis	0.46099732
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	155.5793962
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.257190083
wavelet-HLL	gldm	LargeDependenceEmphasis	7.472727273
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.154853185
wavelet-HLL	gldm	DependenceVariance	1.971570248
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1250.409091
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010497068
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.030072692
wavelet-HLL	glcm	JointAverage	13.61456008
wavelet-HLL	glcm	SumAverage	27.22912016
wavelet-HLL	glcm	JointEntropy	6.686958822
wavelet-HLL	glcm	ClusterShade	1817.340078
wavelet-HLL	glcm	MaximumProbability	0.02721413
wavelet-HLL	glcm	Idmn	0.953106127
wavelet-HLL	glcm	JointEnergy	0.010828807
wavelet-HLL	glcm	Contrast	80.4589059
wavelet-HLL	glcm	DifferenceEntropy	3.792459761
wavelet-HLL	glcm	InverseVariance	0.175260521
wavelet-HLL	glcm	DifferenceVariance	38.17385858
wavelet-HLL	glcm	Idn	0.869150017
wavelet-HLL	glcm	Idm	0.187510012
wavelet-HLL	glcm	Correlation	0.209559764
wavelet-HLL	glcm	Autocorrelation	196.6226246
wavelet-HLL	glcm	SumEntropy	4.730775138
wavelet-HLL	glcm	SumSquares	51.48340032
wavelet-HLL	glcm	ClusterProminence	80184.9359
wavelet-HLL	glcm	Imc2	0.989882265
wavelet-HLL	glcm	Imc1	-0.453539842
wavelet-HLL	glcm	DifferenceAverage	6.336618493
wavelet-HLL	glcm	Id	0.274537597
wavelet-HLL	glcm	ClusterTendency	125.4746954
wavelet-HLL	firstorder	InterquartileRange	244.5204602
wavelet-HLL	firstorder	Skewness	1.155191866
wavelet-HLL	firstorder	Uniformity	0.054710744
wavelet-HLL	firstorder	Median	-77.29850124
wavelet-HLL	firstorder	Energy	4254072.377
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	92.57931314
wavelet-HLL	firstorder	MeanAbsoluteDeviation	146.862023
wavelet-HLL	firstorder	TotalEnergy	114859954.2
wavelet-HLL	firstorder	Maximum	536.7129949
wavelet-HLL	firstorder	RootMeanSquared	196.6554989
wavelet-HLL	firstorder	90Percentile	204.5055218
wavelet-HLL	firstorder	Minimum	-361.4296498
wavelet-HLL	firstorder	Entropy	4.441263214
wavelet-HLL	firstorder	Range	898.1426448
wavelet-HLL	firstorder	Variance	37362.83226
wavelet-HLL	firstorder	10Percentile	-222.4682333
wavelet-HLL	firstorder	Kurtosis	4.193381229
wavelet-HLL	firstorder	Mean	-36.20156054
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.029357105
wavelet-HLL	glrlm	GrayLevelVariance	61.88511583
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.0303711
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.053719169
wavelet-HLL	glrlm	RunVariance	0.054572932
wavelet-HLL	glrlm	GrayLevelNonUniformity	5.603016026



wavelet-HLL	glrlm	LongRunEmphasis	1.169773331
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	255.8491847
wavelet-HLL	glrlm	RunLengthNonUniformity	93.9588997
wavelet-HLL	glrlm	ShortRunEmphasis	0.959318937
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	291.0884646
wavelet-HLL	glrlm	RunPercentage	0.948251748
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.034534253
wavelet-HLL	glrlm	RunEntropy	4.644982388
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	262.7920094
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.899291229
wavelet-HLL	glszm	GrayLevelVariance	74.34333333
wavelet-HLL	glszm	ZoneVariance	2.505555556
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.047222222
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.49
wavelet-HLL	glszm	SizeZoneNonUniformity	29.4
wavelet-HLL	glszm	GrayLevelNonUniformity	2.833333333
wavelet-HLL	glszm	LargeAreaEmphasis	5.866666667
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	259.3620854
wavelet-HLL	glszm	ZonePercentage	0.545454545
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.130934054
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1094.883333
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	320.8333333
wavelet-HLL	glszm	SmallAreaEmphasis	0.723557613
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.029319204
wavelet-HLL	glszm	ZoneEntropy	5.202479554
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013781774
wavelet-HLL	ngtdm	Coarseness	0.045334553
wavelet-HLL	ngtdm	Complexity	1836.773752
wavelet-HLL	ngtdm	Strength	18.58327621
wavelet-HLL	ngtdm	Contrast	0.705478727
wavelet-HLL	ngtdm	Busyness	0.071255882
wavelet-LHL	gldm	GrayLevelVariance	116.271405
wavelet-LHL	gldm	HighGrayLevelEmphasis	656.2
wavelet-LHL	gldm	DependenceEntropy	5.587866872
wavelet-LHL	gldm	DependenceNonUniformity	51.65454545
wavelet-LHL	gldm	GrayLevelNonUniformity	4.363636364
wavelet-LHL	gldm	SmallDependenceEmphasis	0.69730303
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	487.6495051
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.469586777
wavelet-LHL	gldm	LargeDependenceEmphasis	3.290909091
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021691129
wavelet-LHL	gldm	DependenceVariance	0.845950413
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1916.018182
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015788215
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.01655653
wavelet-LHL	glcm	JointAverage	22.49659911
wavelet-LHL	glcm	SumAverage	44.99319821
wavelet-LHL	glcm	JointEntropy	6.854449591
wavelet-LHL	glcm	ClusterShade	5270.453309
wavelet-LHL	glcm	MaximumProbability	0.022121187
wavelet-LHL	glcm	ldmn	0.966558064
wavelet-LHL	glcm	JointEnergy	0.009350957
wavelet-LHL	glcm	Contrast	143.6824555
wavelet-LHL	glcm	DifferenceEntropy	4.14653526
wavelet-LHL	glcm	InverseVariance	0.132180369
wavelet-LHL	glcm	DifferenceVariance	60.61614017

wavelet-LHL	glcm	Idn	0.884008071
wavelet-LHL	glcm	Idm	0.115704611
wavelet-LHL	glcm	Correlation	0.292031969
wavelet-LHL	glcm	Autocorrelation	535.2962705
wavelet-LHL	glcm	SumEntropy	4.993945904
wavelet-LHL	glcm	SumSquares	100.9688349
wavelet-LHL	glcm	ClusterProminence	371190.1825
wavelet-LHL	glcm	Imc2	0.997850719
wavelet-LHL	glcm	Imc1	-0.571462012
wavelet-LHL	glcm	DifferenceAverage	8.817577105
wavelet-LHL	glcm	Id	0.202084036
wavelet-LHL	glcm	ClusterTendency	260.1928839
wavelet-LHL	firstorder	InterquartileRange	272.5663317
wavelet-LHL	firstorder	Skewness	0.94874831
wavelet-LHL	firstorder	Uniformity	0.039669421
wavelet-LHL	firstorder	Median	-79.31286197
wavelet-LHL	firstorder	Energy	8065697.426
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	123.8001572
wavelet-LHL	firstorder	MeanAbsoluteDeviation	199.0023033
wavelet-LHL	firstorder	TotalEnergy	217773830.5
wavelet-LHL	firstorder	Maximum	905.9182736
wavelet-LHL	firstorder	RootMeanSquared	270.7850108
wavelet-LHL	firstorder	90Percentile	352.1680592
wavelet-LHL	firstorder	Minimum	-597.9567209
wavelet-LHL	firstorder	Entropy	4.932674828
wavelet-LHL	firstorder	Range	1503.874995
wavelet-LHL	firstorder	Variance	72341.65723
wavelet-LHL	firstorder	10Percentile	-302.1897972
wavelet-LHL	firstorder	Kurtosis	4.506583826
wavelet-LHL	firstorder	Mean	-31.35067511
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016835583
wavelet-LHL	glrlm	GrayLevelVariance	118.0107671
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.016873087
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038978628
wavelet-LHL	glrlm	RunVariance	0.024573555
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.195344516
wavelet-LHL	glrlm	LongRunEmphasis	1.06982508
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	649.6918451
wavelet-LHL	glrlm	RunLengthNonUniformity	103.2605939
wavelet-LHL	glrlm	ShortRunEmphasis	0.984164052
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	696.7342264
wavelet-LHL	glrlm	RunPercentage	0.978321678
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.017037801
wavelet-LHL	glrlm	RunEntropy	5.0168815
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	658.5286717
wavelet-LHL	glrlm	RunLengthNonUniformityNormalied	0.95931195
wavelet-LHL	glszm	GrayLevelVariance	136.8608997
wavelet-LHL	glszm	ZoneVariance	0.607612457
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034740484
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.667543253
wavelet-LHL	glszm	SizeZoneNonUniformity	56.74117647
wavelet-LHL	glszm	GrayLevelNonUniformity	2.952941176
wavelet-LHL	glszm	LargeAreaEmphasis	2.282352941
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	598.6336601
wavelet-LHL	glszm	ZonePercentage	0.772727273
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.023716972

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1372.635294
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	687.7294118
wavelet-LHL	glszm	SmallAreaEmphasis	0.843281046
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.020692964
wavelet-LHL	glszm	ZoneEntropy	5.429576671
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.020275534
wavelet-LHL	ngtdm	Coarseness	0.050353845
wavelet-LHL	ngtdm	Complexity	4356.09057
wavelet-LHL	ngtdm	Strength	39.51487587
wavelet-LHL	ngtdm	Contrast	0.965305054
wavelet-LHL	ngtdm	Busyness	0.028636938
wavelet-LHH	gldm	GrayLevelVariance	32.76561983
wavelet-LHH	gldm	HighGrayLevelEmphasis	419.7818182
wavelet-LHH	gldm	DependenceEntropy	5.534464118
wavelet-LHH	gldm	DependenceNonUniformity	31.03636364
wavelet-LHH	gldm	GrayLevelNonUniformity	7.145454545
wavelet-LHH	gldm	SmallDependenceEmphasis	0.510834364
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	231.1868701
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.28214876
wavelet-LHH	gldm	LargeDependenceEmphasis	6.981818182
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032449999
wavelet-LHH	gldm	DependenceVariance	2.141818182
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2566.890909
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013067519
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.014567316
wavelet-LHH	glcm	JointAverage	19.68993802
wavelet-LHH	glcm	SumAverage	39.37987603
wavelet-LHH	glcm	JointEntropy	6.564892261
wavelet-LHH	glcm	ClusterShade	-51.57098346
wavelet-LHH	glcm	MaximumProbability	0.036612727
wavelet-LHH	glcm	ldmn	0.952841964
wavelet-LHH	glcm	JointEnergy	0.012358015
wavelet-LHH	glcm	Contrast	57.90709858
wavelet-LHH	glcm	DifferenceEntropy	3.728783858
wavelet-LHH	glcm	InverseVariance	0.192728457
wavelet-LHH	glcm	DifferenceVariance	24.45861183
wavelet-LHH	glcm	ldn	0.861812875
wavelet-LHH	glcm	ldm	0.188078723
wavelet-LHH	glcm	Correlation	-0.028698671
wavelet-LHH	glcm	Autocorrelation	386.8260329
wavelet-LHH	glcm	SumEntropy	4.420717488
wavelet-LHH	glcm	SumSquares	28.07436077
wavelet-LHH	glcm	ClusterProminence	12425.59349
wavelet-LHH	glcm	lmc2	0.981501777
wavelet-LHH	glcm	lmc1	-0.404330412
wavelet-LHH	glcm	DifferenceAverage	5.712502894
wavelet-LHH	glcm	ld	0.274784747
wavelet-LHH	glcm	ClusterTendency	54.39034449
wavelet-LHH	firstorder	InterquartileRange	152.4870077
wavelet-LHH	firstorder	Skewness	-0.300615281
wavelet-LHH	firstorder	Uniformity	0.064958678
wavelet-LHH	firstorder	Median	-4.418919448
wavelet-LHH	firstorder	Energy	2238356.326
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	63.74632433
wavelet-LHH	firstorder	MeanAbsoluteDeviation	103.9374529
wavelet-LHH	firstorder	TotalEnergy	60435620.81

wavelet-LHH	firstorder	Maximum	311.5921287
wavelet-LHH	firstorder	RootMeanSquared	142.6488481
wavelet-LHH	firstorder	90Percentile	190.0157717
wavelet-LHH	firstorder	Minimum	-466.9636306
wavelet-LHH	firstorder	Entropy	4.257682055
wavelet-LHH	firstorder	Range	778.5557593
wavelet-LHH	firstorder	Variance	20331.7572
wavelet-LHH	firstorder	10Percentile	-143.789586
wavelet-LHH	firstorder	Kurtosis	4.060100206
wavelet-LHH	firstorder	Mean	4.115419259
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.015029448
wavelet-LHH	grlm	GrayLevelVariance	33.88754497
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.015131795
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.062537932
wavelet-LHH	grlm	RunVariance	0.053459379
wavelet-LHH	grlm	GrayLevelNonUniformity	6.563170466
wavelet-LHH	grlm	LongRunEmphasis	1.154005098
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	409.450192
wavelet-LHH	grlm	RunLengthNonUniformity	95.9981516
wavelet-LHH	grlm	ShortRunEmphasis	0.965657763
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	478.6053823
wavelet-LHH	grlm	RunPercentage	0.953846154
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.015598567
wavelet-LHH	grlm	RunEntropy	4.464235191
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	422.2655954
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.914253987
wavelet-LHH	glszm	GrayLevelVariance	47.77676997
wavelet-LHH	glszm	ZoneVariance	3.586293777
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.049634669
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.560594608
wavelet-LHH	glszm	SizeZoneNonUniformity	35.31746032
wavelet-LHH	glszm	GrayLevelNonUniformity	3.126984127
wavelet-LHH	glszm	LargeAreaEmphasis	6.634920635
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	357.3154938
wavelet-LHH	glszm	ZonePercentage	0.572727273
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.039632585
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2516.539683
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	449.047619
wavelet-LHH	glszm	SmallAreaEmphasis	0.774549027
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.023184075
wavelet-LHH	glszm	ZoneEntropy	5.135699765
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.022451193
wavelet-LHH	ngtdm	Coarseness	0.050514626
wavelet-LHH	ngtdm	Complexity	1230.39406
wavelet-LHH	ngtdm	Strength	11.50721556
wavelet-LHH	ngtdm	Contrast	0.452730814
wavelet-LHH	ngtdm	Busyness	0.04195413
wavelet-LLH	gldm	GrayLevelVariance	60.56198347
wavelet-LLH	gldm	HighGrayLevelEmphasis	249
wavelet-LLH	gldm	DependenceEntropy	5.494551759
wavelet-LLH	gldm	DependenceNonUniformity	39.4
wavelet-LLH	gldm	GrayLevelNonUniformity	5.418181818
wavelet-LLH	gldm	SmallDependenceEmphasis	0.53655303
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	160.5825758
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.358181818
wavelet-LLH	gldm	LargeDependenceEmphasis	4.054545455

wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.090384709
wavelet-LLH	gldm	DependenceVariance	0.748760331
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	772.7454545
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.037534027
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.045868464
wavelet-LLH	glcm	JointAverage	13.47949087
wavelet-LLH	glcm	SumAverage	26.95898173
wavelet-LLH	glcm	JointEntropy	6.809877151
wavelet-LLH	glcm	ClusterShade	1209.2845
wavelet-LLH	glcm	MaximumProbability	0.023566804
wavelet-LLH	glcm	ldmn	0.955551927
wavelet-LLH	glcm	JointEnergy	0.009654293
wavelet-LLH	glcm	Contrast	85.13715822
wavelet-LLH	glcm	DifferenceEntropy	3.932138542
wavelet-LLH	glcm	InverseVariance	0.156625851
wavelet-LLH	glcm	DifferenceVariance	35.75342627
wavelet-LLH	glcm	ldn	0.864573598
wavelet-LLH	glcm	ldm	0.145282181
wavelet-LLH	glcm	Correlation	0.152082367
wavelet-LLH	glcm	Autocorrelation	189.7240324
wavelet-LLH	glcm	SumEntropy	4.792318498
wavelet-LLH	glcm	SumSquares	50.52169609
wavelet-LLH	glcm	ClusterProminence	64565.4398
wavelet-LLH	glcm	lmc2	0.992774025
wavelet-LLH	glcm	lmc1	-0.476288787
wavelet-LLH	glcm	DifferenceAverage	6.940370384
wavelet-LLH	glcm	ld	0.234017396
wavelet-LLH	glcm	ClusterTendency	116.9496261
wavelet-LLH	firstorder	InterquartileRange	218.1778009
wavelet-LLH	firstorder	Skewness	0.928901975
wavelet-LLH	firstorder	Uniformity	0.049256198
wavelet-LLH	firstorder	Median	-112.110237
wavelet-LLH	firstorder	Energy	4690710.721
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	95.60447501
wavelet-LLH	firstorder	MeanAbsoluteDeviation	148.3220158
wavelet-LLH	firstorder	TotalEnergy	126649189.5
wavelet-LLH	firstorder	Maximum	595.221916
wavelet-LLH	firstorder	RootMeanSquared	206.5013916
wavelet-LLH	firstorder	90Percentile	155.3113638
wavelet-LLH	firstorder	Minimum	-386.2400596
wavelet-LLH	firstorder	Entropy	4.574955336
wavelet-LLH	firstorder	Range	981.4619756
wavelet-LLH	firstorder	Variance	37676.1217
wavelet-LLH	firstorder	10Percentile	-298.5852312
wavelet-LLH	firstorder	Kurtosis	4.104505521
wavelet-LLH	firstorder	Mean	-70.47483977
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.046457264
wavelet-LLH	glrlm	GrayLevelVariance	61.60678923
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.046849814
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048556069
wavelet-LLH	glrlm	RunVariance	0.032895794
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.173632037
wavelet-LLH	glrlm	LongRunEmphasis	1.100204683
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	246.9099051
wavelet-LLH	glrlm	RunLengthNonUniformity	100.0522147
wavelet-LLH	glrlm	ShortRunEmphasis	0.975786771

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	269.2355776
wavelet-LLH	glrlm	RunPercentage	0.968531469
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.048443289
wavelet-LLH	glrlm	RunEntropy	4.697864146
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	251.2785087
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.938422768
wavelet-LLH	glszm	GrayLevelVariance	78.36588952
wavelet-LLH	glszm	ZoneVariance	1.400546104
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.041797942
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.496324302
wavelet-LLH	glszm	SizeZoneNonUniformity	34.24637681
wavelet-LLH	glszm	GrayLevelNonUniformity	2.884057971
wavelet-LLH	glszm	LargeAreaEmphasis	3.942028986
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	232.2450765
wavelet-LLH	glszm	ZonePercentage	0.627272727
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.103895355
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	761.3913043
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	288.4057971
wavelet-LLH	glszm	SmallAreaEmphasis	0.729747383
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.06332453
wavelet-LLH	glszm	ZoneEntropy	5.329184783
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.057592258
wavelet-LLH	ngtdm	Coarseness	0.046716709
wavelet-LLH	ngtdm	Complexity	2085.798828
wavelet-LLH	ngtdm	Strength	19.01857476
wavelet-LLH	ngtdm	Contrast	0.727487201
wavelet-LLH	ngtdm	Busyness	0.071136493
wavelet-LLL	gldm	GrayLevelVariance	374.6595868
wavelet-LLL	gldm	HighGrayLevelEmphasis	3895.463636
wavelet-LLL	gldm	DependenceEntropy	5.883232554
wavelet-LLL	gldm	DependenceNonUniformity	52.83636364
wavelet-LLL	gldm	GrayLevelNonUniformity	2.781818182
wavelet-LLL	gldm	SmallDependenceEmphasis	0.718704545
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2544.463932
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.480330579
wavelet-LLL	gldm	LargeDependenceEmphasis	3.345454545
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01044493
wavelet-LLL	gldm	DependenceVariance	0.900495868
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	17341.35455
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009852751
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009932723
wavelet-LLL	glcm	JointAverage	64.1923217
wavelet-LLL	glcm	SumAverage	128.3846434
wavelet-LLL	glcm	JointEntropy	6.980552225
wavelet-LLL	glcm	ClusterShade	-20107.0889
wavelet-LLL	glcm	MaximumProbability	0.016062779
wavelet-LLL	glcm	ldmn	0.94805303
wavelet-LLL	glcm	JointEnergy	0.008265977
wavelet-LLL	glcm	Contrast	444.917756
wavelet-LLL	glcm	DifferenceEntropy	4.810766186
wavelet-LLL	glcm	InverseVariance	0.089760756
wavelet-LLL	glcm	DifferenceVariance	177.3661114
wavelet-LLL	glcm	ldn	0.853435416
wavelet-LLL	glcm	ldm	0.088111068
wavelet-LLL	glcm	Correlation	0.320813379
wavelet-LLL	glcm	Autocorrelation	4225.471364

wavelet-LLL	glcm	SumEntropy	5.499003821
wavelet-LLL	glcm	SumSquares	326.8521403
wavelet-LLL	glcm	ClusterProminence	2442246.446
wavelet-LLL	glcm	Imc2	0.999620406
wavelet-LLL	glcm	Imc1	-0.680898128
wavelet-LLL	glcm	DifferenceAverage	16.21104137
wavelet-LLL	glcm	Id	0.151396715
wavelet-LLL	glcm	ClusterTendency	862.4908053
wavelet-LLL	firstorder	InterquartileRange	756.8999137
wavelet-LLL	firstorder	Skewness	-0.698986892
wavelet-LLL	firstorder	Uniformity	0.025289256
wavelet-LLL	firstorder	Median	-416.5325411
wavelet-LLL	firstorder	Energy	51102202.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	287.3746433
wavelet-LLL	firstorder	MeanAbsoluteDeviation	391.5737549
wavelet-LLL	firstorder	TotalEnergy	1379759459
wavelet-LLL	firstorder	Maximum	170.4098527
wavelet-LLL	firstorder	RootMeanSquared	681.5904009
wavelet-LLL	firstorder	90Percentile	111.2191727
wavelet-LLL	firstorder	Minimum	-1935.407199
wavelet-LLL	firstorder	Entropy	5.472148182
wavelet-LLL	firstorder	Range	2105.817052
wavelet-LLL	firstorder	Variance	234801.6674
wavelet-LLL	firstorder	10Percentile	-1176.774897
wavelet-LLL	firstorder	Kurtosis	3.039670673
wavelet-LLL	firstorder	Mean	-479.336841
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.010146095
wavelet-LLL	glrlm	GrayLevelVariance	373.9825271
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.010150186
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024941518
wavelet-LLL	glrlm	RunVariance	0.021643189
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.684425912
wavelet-LLL	glrlm	LongRunEmphasis	1.06732819
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3772.0291
wavelet-LLL	glrlm	RunLengthNonUniformity	103.0143237
wavelet-LLL	glrlm	ShortRunEmphasis	0.983167953
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4223.870618
wavelet-LLL	glrlm	RunPercentage	0.978321678
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.010166549
wavelet-LLL	glrlm	RunEntropy	5.539575882
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3862.397403
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.956713621
wavelet-LLL	glszm	GrayLevelVariance	370.2932666
wavelet-LLL	glszm	ZoneVariance	0.550027042
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023796647
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.711465657
wavelet-LLL	glszm	SizeZoneNonUniformity	61.18604651
wavelet-LLL	glszm	GrayLevelNonUniformity	2.046511628
wavelet-LLL	glszm	LargeAreaEmphasis	2.186046512
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3011.624399
wavelet-LLL	glszm	ZonePercentage	0.781818182
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.012908727
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10079.31395
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3580.965116
wavelet-LLL	glszm	SmallAreaEmphasis	0.86625969
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.012630047

wavelet-LLL	glszm	ZoneEntropy	5.713657632
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012586471
wavelet-LLL	ngtdm	Coarseness	0.036807343
wavelet-LLL	ngtdm	Complexity	15921.42252
wavelet-LLL	ngtdm	Strength	69.2519305
wavelet-LLL	ngtdm	Contrast	3.301016623
wavelet-LLL	ngtdm	Busyness	0.01096404
wavelet-HHL	gldm	GrayLevelVariance	14.07966942
wavelet-HHL	gldm	HighGrayLevelEmphasis	102.7818182
wavelet-HHL	gldm	DependenceEntropy	5.326313237
wavelet-HHL	gldm	DependenceNonUniformity	23.09090909
wavelet-HHL	gldm	GrayLevelNonUniformity	10.16363636
wavelet-HHL	gldm	SmallDependenceEmphasis	0.35142843
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	44.71367013
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.209917355
wavelet-HHL	gldm	LargeDependenceEmphasis	9.909090909
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.155508986
wavelet-HHL	gldm	DependenceVariance	2.371570248
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	838.5818182
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.02017564
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.029955886
wavelet-HHL	glcm	JointAverage	9.423213761
wavelet-HHL	glcm	SumAverage	18.84642752
wavelet-HHL	glcm	JointEntropy	6.200760381
wavelet-HHL	glcm	ClusterShade	79.13514691
wavelet-HHL	glcm	MaximumProbability	0.044968965
wavelet-HHL	glcm	ldmn	0.965628406
wavelet-HHL	glcm	JointEnergy	0.016675158
wavelet-HHL	glcm	Contrast	24.83406814
wavelet-HHL	glcm	DifferenceEntropy	3.250891043
wavelet-HHL	glcm	InverseVariance	0.263995468
wavelet-HHL	glcm	DifferenceVariance	10.9180784
wavelet-HHL	glcm	ldn	0.881558461
wavelet-HHL	glcm	ldm	0.261208156
wavelet-HHL	glcm	Correlation	0.003717178
wavelet-HHL	glcm	Autocorrelation	88.87363657
wavelet-HHL	glcm	SumEntropy	4.007868773
wavelet-HHL	glcm	SumSquares	12.47798534
wavelet-HHL	glcm	ClusterProminence	2723.414798
wavelet-HHL	glcm	lmc2	0.950387422
wavelet-HHL	glcm	lmc1	-0.320088843
wavelet-HHL	glcm	DifferenceAverage	3.696912252
wavelet-HHL	glcm	ld	0.347664774
wavelet-HHL	glcm	ClusterTendency	25.07787323
wavelet-HHL	firstorder	InterquartileRange	91.0329612
wavelet-HHL	firstorder	Skewness	0.891036832
wavelet-HHL	firstorder	Uniformity	0.092396694
wavelet-HHL	firstorder	Median	-9.05181226
wavelet-HHL	firstorder	Energy	931133.6915
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	40.72746213
wavelet-HHL	firstorder	MeanAbsoluteDeviation	66.58572628
wavelet-HHL	firstorder	TotalEnergy	25140609.67
wavelet-HHL	firstorder	Maximum	378.143802
wavelet-HHL	firstorder	RootMeanSquared	92.00462891
wavelet-HHL	firstorder	90Percentile	113.1699822
wavelet-HHL	firstorder	Minimum	-200.5537255



wavelet-HHL	firstorder	Entropy	3.771912507
wavelet-HHL	firstorder	Range	578.6975275
wavelet-HHL	firstorder	Variance	8460.033616
wavelet-HHL	firstorder	10Percentile	-105.1494842
wavelet-HHL	firstorder	Kurtosis	5.294152003
wavelet-HHL	firstorder	Mean	-2.195022728
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.030371369
wavelet-HHL	glrlm	GrayLevelVariance	14.81713709
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.031087597
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.088888513
wavelet-HHL	glrlm	RunVariance	0.07872842
wavelet-HHL	glrlm	GrayLevelNonUniformity	9.120280864
wavelet-HHL	glrlm	LongRunEmphasis	1.229771959
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	99.65455693
wavelet-HHL	glrlm	RunLengthNonUniformity	90.03511212
wavelet-HHL	glrlm	ShortRunEmphasis	0.949264084
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	123.5478462
wavelet-HHL	glrlm	RunPercentage	0.932867133
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.03442765
wavelet-HHL	glrlm	RunEntropy	4.086029101
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	104.0347915
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.876416173
wavelet-HHL	glszm	GrayLevelVariance	28.3634397
wavelet-HHL	glszm	ZoneVariance	11.73499189
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.061114116
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.454840454
wavelet-HHL	glszm	SizeZoneNonUniformity	19.55813953
wavelet-HHL	glszm	GrayLevelNonUniformity	2.627906977
wavelet-HHL	glszm	LargeAreaEmphasis	18.27906977
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	96.09792313
wavelet-HHL	glszm	ZonePercentage	0.390909091
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.28430927
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1602.418605
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	126.5116279
wavelet-HHL	glszm	SmallAreaEmphasis	0.69358083
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.053572042
wavelet-HHL	glszm	ZoneEntropy	4.804058069
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.048215233
wavelet-HHL	ngtdm	Coarseness	0.058760382
wavelet-HHL	ngtdm	Complexity	434.7650979
wavelet-HHL	ngtdm	Strength	7.377067832
wavelet-HHL	ngtdm	Contrast	0.2087824
wavelet-HHL	ngtdm	Busyness	0.094565045
wavelet-HLH	gldm	GrayLevelVariance	31.32595041
wavelet-HLH	gldm	HighGrayLevelEmphasis	421.9272727
wavelet-HLH	gldm	DependenceEntropy	5.485283122
wavelet-HLH	gldm	DependenceNonUniformity	36.87272727
wavelet-HLH	gldm	GrayLevelNonUniformity	6.8
wavelet-HLH	gldm	SmallDependenceEmphasis	0.571386364
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	240.7054066
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.335206612
wavelet-HLH	gldm	LargeDependenceEmphasis	4.545454545
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023496049
wavelet-HLH	gldm	DependenceVariance	1.038347107
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1770.054545
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012132441

wavelet-HLH	gldm	LowGrayLevelEmphasis	0.013274647
wavelet-HLH	glcm	JointAverage	19.69465383
wavelet-HLH	glcm	SumAverage	39.38930766
wavelet-HLH	glcm	JointEntropy	6.595345915
wavelet-HLH	glcm	ClusterShade	-135.3300267
wavelet-HLH	glcm	MaximumProbability	0.026214296
wavelet-HLH	glcm	ldmn	0.955553344
wavelet-HLH	glcm	JointEnergy	0.01153308
wavelet-HLH	glcm	Contrast	67.80836499
wavelet-HLH	glcm	DifferenceEntropy	3.70343143
wavelet-HLH	glcm	InverseVariance	0.199710945
wavelet-HLH	glcm	DifferenceVariance	30.76730083
wavelet-HLH	glcm	ldn	0.869170954
wavelet-HLH	glcm	ldm	0.173018639
wavelet-HLH	glcm	Correlation	-0.012611572
wavelet-HLH	glcm	Autocorrelation	387.4793945
wavelet-HLH	glcm	SumEntropy	4.403164177
wavelet-HLH	glcm	SumSquares	33.41841719
wavelet-HLH	glcm	ClusterProminence	22463.46896
wavelet-HLH	glcm	lmc2	0.988274926
wavelet-HLH	glcm	lmc1	-0.446716279
wavelet-HLH	glcm	DifferenceAverage	5.923095126
wavelet-HLH	glcm	ld	0.262922673
wavelet-HLH	glcm	ClusterTendency	65.86530378
wavelet-HLH	firstorder	InterquartileRange	160.9341865
wavelet-HLH	firstorder	Skewness	-0.292581163
wavelet-HLH	firstorder	Uniformity	0.061818182
wavelet-HLH	firstorder	Median	0.675727493
wavelet-HLH	firstorder	Energy	2151836.371
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	66.74099756
wavelet-HLH	firstorder	MeanAbsoluteDeviation	104.3116951
wavelet-HLH	firstorder	TotalEnergy	58099582.02
wavelet-HLH	firstorder	Maximum	385.6975544
wavelet-HLH	firstorder	RootMeanSquared	139.8647519
wavelet-HLH	firstorder	90Percentile	155.2837132
wavelet-HLH	firstorder	Minimum	-469.2969141
wavelet-HLH	firstorder	Entropy	4.259249052
wavelet-HLH	firstorder	Range	854.9944685
wavelet-HLH	firstorder	Variance	19522.8546
wavelet-HLH	firstorder	10Percentile	-127.84268
wavelet-HLH	firstorder	Kurtosis	4.469626538
wavelet-HLH	firstorder	Mean	6.268510666
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013575863
wavelet-HLH	glrlm	GrayLevelVariance	32.03001274
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.013645149
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.061277408
wavelet-HLH	glrlm	RunVariance	0.039451453
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.514887833
wavelet-HLH	glrlm	LongRunEmphasis	1.112148156
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	413.060785
wavelet-HLH	glrlm	RunLengthNonUniformity	99.82948457
wavelet-HLH	glrlm	ShortRunEmphasis	0.975298619
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	467.0824968
wavelet-HLH	glrlm	RunPercentage	0.966433566
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.013959341
wavelet-HLH	glrlm	RunEntropy	4.386111082

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	422.8660928
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.938051623
wavelet-HLH	glszm	GrayLevelVariance	41.71196191
wavelet-HLH	glszm	ZoneVariance	1.402499504
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.052965681
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.577464789
wavelet-HLH	glszm	SizeZoneNonUniformity	41
wavelet-HLH	glszm	GrayLevelNonUniformity	3.76056338
wavelet-HLH	glszm	LargeAreaEmphasis	3.802816901
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	329.8418662
wavelet-HLH	glszm	ZonePercentage	0.645454545
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.027181201
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1489.464789
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	428.8591549
wavelet-HLH	glszm	SmallAreaEmphasis	0.786533646
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.019068305
wavelet-HLH	glszm	ZoneEntropy	5.106942894
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018541186
wavelet-HLH	ngtdm	Coarseness	0.046703869
wavelet-HLH	ngtdm	Complexity	1260.352561
wavelet-HLH	ngtdm	Strength	12.02039362
wavelet-HLH	ngtdm	Contrast	0.429577911
wavelet-HLH	ngtdm	Busyness	0.04607687

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general	info	MaskHash	
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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original	shape	Elongation	0.657773085
original	shape	SurfaceVolumeRatio	0.397668285
original	shape	Volume	6534
original	shape	MajorAxis	36.46082581
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original	shape	Flatness	0.467987664
original	shape	LeastAxis	17.06321671
original	shape	Maximum2DDiameterColumn	34.98571137
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original	gldm	GrayLevelVariance	87.66942149
original	gldm	HighGrayLevelEmphasis	487.6694215
original	gldm	DependenceEntropy	6.121594038
original	gldm	DependenceNonUniformity	89.36363636
original	gldm	GrayLevelNonUniformity	8.280991736
original	gldm	SmallDependenceEmphasis	0.57443067
original	gldm	SmallDependenceHighGrayLevelEmphasis	273.1549885
original	gldm	DependenceNonUniformityNormalized	0.369271225
original	gldm	LargeDependenceEmphasis	3.669421488
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.053732814
original	gldm	DependenceVariance	0.657332149
original	gldm	LargeDependenceHighGrayLevelEmphasis	1945.958678
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011407452

original	gldm	LowGrayLevelEmphasis	0.018796996
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original	glcm	ClusterShade	-1362.677498
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original	glcm	Contrast	128.456335
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original	glcm	InverseVariance	0.133536824
original	glcm	DifferenceVariance	50.16653063
original	glcm	ldn	0.834352423
original	glcm	ldm	0.127451233
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original	glcm	SumEntropy	5.387701976
original	glcm	SumSquares	80.12970498
original	glcm	ClusterProminence	108190.9788
original	glcm	lmc2	0.990940192
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original	glcm	ClusterTendency	192.0624849
original	firstorder	InterquartileRange	381.5
original	firstorder	Skewness	-0.361733567
original	firstorder	Uniformity	0.034218974
original	firstorder	Median	436.5
original	firstorder	Energy	49528583
original	firstorder	RobustMeanAbsoluteDeviation	152.2858615
original	firstorder	MeanAbsoluteDeviation	199.3631583
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original	firstorder	Minimum	-76
original	firstorder	Entropy	5.013166884
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original	firstorder	Kurtosis	2.06825824
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.018599568
original	glrlm	GrayLevelVariance	87.83626036
original	glrlm	LowGrayLevelRunEmphasis	0.018909739
original	glrlm	GrayLevelNonUniformityNormalized	0.034092732
original	glrlm	RunVariance	0.030941021
original	glrlm	GrayLevelNonUniformity	8.017013636
original	glrlm	LongRunEmphasis	1.090690262
original	glrlm	ShortRunHighGrayLevelEmphasis	474.8936909
original	glrlm	RunLengthNonUniformity	222.3630848
original	glrlm	ShortRunEmphasis	0.978649975
original	glrlm	LongRunHighGrayLevelEmphasis	533.1838924

original	glrlm	RunPercentage	0.971710108
original	glrlm	LongRunLowGrayLevelEmphasis	0.02031008
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original	glrlm	HighGrayLevelRunEmphasis	486.4668393
original	glrlm	RunLengthNonUniformityNormalized	0.94525734
original	glszm	GrayLevelVariance	88.86464646
original	glszm	ZoneVariance	0.733737374
original	glszm	GrayLevelNonUniformityNormalized	0.032800735
original	glszm	SizeZoneNonUniformityNormalized	0.520440771
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original	glszm	GrayLevelNonUniformity	5.412121212
original	glszm	LargeAreaEmphasis	2.884848485
original	glszm	SmallAreaHighGrayLevelEmphasis	354.7356988
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original	glszm	LargeAreaHighGrayLevelEmphasis	1519.939394
original	glszm	HighGrayLevelZoneEmphasis	475.6424242
original	glszm	SmallAreaEmphasis	0.747756682
original	glszm	LowGrayLevelZoneEmphasis	0.019791488
original	glszm	ZoneEntropy	5.937348694
original	glszm	SmallAreaLowGrayLevelEmphasis	0.014854248
original	ngtdm	Coarseness	0.02063193
original	ngtdm	Complexity	3614.468362
original	ngtdm	Strength	9.924696307
original	ngtdm	Contrast	0.825310496
original	ngtdm	Busyness	0.069447424
wavelet-HHH	gldm	GrayLevelVariance	10.10197391
wavelet-HHH	gldm	HighGrayLevelEmphasis	222.8760331
wavelet-HHH	gldm	DependenceEntropy	5.701012918
wavelet-HHH	gldm	DependenceNonUniformity	45.91735537
wavelet-HHH	gldm	GrayLevelNonUniformity	24.54545455
wavelet-HHH	gldm	SmallDependenceEmphasis	0.343847464
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	81.26958289
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.189741138
wavelet-HHH	gldm	LargeDependenceEmphasis	12.27272727
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.064545896
wavelet-HHH	gldm	DependenceVariance	3.567789085
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2642.438017
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006088236
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.009484429
wavelet-HHH	glcm	JointAverage	14.52737728
wavelet-HHH	glcm	SumAverage	29.05475455
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wavelet-HHH	glcm	ClusterShade	3.290422374
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wavelet-HHH	glcm	JointEnergy	0.015711438
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wavelet-HHH	glcm	InverseVariance	0.285453527
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wavelet-HHH	glcm	Correlation	-0.035122708
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wavelet-HHH	glcm	DifferenceAverage	3.306532582
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wavelet-HHH	firstorder	InterquartileRange	84.28697621
wavelet-HHH	firstorder	Skewness	0.038496219
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wavelet-HHH	firstorder	Median	-0.576210215
wavelet-HHH	firstorder	Energy	1528415.918
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	37.09376961
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wavelet-HHH	firstorder	Maximum	244.3471176
wavelet-HHH	firstorder	RootMeanSquared	79.47180792
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wavelet-HHH	firstorder	Entropy	3.602906714
wavelet-HHH	firstorder	Range	592.7534609
wavelet-HHH	firstorder	Variance	6311.81164
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wavelet-HHH	firstorder	Kurtosis	4.583129237
wavelet-HHH	firstorder	Mean	1.989123872
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.009570806
wavelet-HHH	glrlm	GrayLevelVariance	10.65548613
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.009851364
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.097107572
wavelet-HHH	glrlm	RunVariance	0.092617143
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wavelet-HHH	glrlm	LongRunEmphasis	1.263604906
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	211.5160124
wavelet-HHH	glrlm	RunLengthNonUniformity	193.5325881
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	279.997296
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.011167865
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	223.5701225
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wavelet-HHH	glszm	SizeZoneNonUniformity	41
wavelet-HHH	glszm	GrayLevelNonUniformity	6.916666667
wavelet-HHH	glszm	LargeAreaEmphasis	28.625
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	164.0560879
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wavelet-HLL	gldm	GrayLevelVariance	34.82222867
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wavelet-HLL	gldm	DependenceEntropy	5.922941687
wavelet-HLL	gldm	DependenceNonUniformity	66.37190083
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.46769682
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	144.5136026
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wavelet-HLL	gldm	LargeDependenceEmphasis	6.371900826
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.069434844
wavelet-HLL	gldm	DependenceVariance	1.575438836
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1479.028926
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wavelet-HLL	glcm	JointAverage	15.18502947
wavelet-HLL	glcm	SumAverage	30.37005893
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wavelet-HLL	glcm	JointEnergy	0.00741383
wavelet-HLL	glcm	Contrast	43.42685866
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wavelet-HLL	glcm	InverseVariance	0.222814925
wavelet-HLL	glcm	DifferenceVariance	19.43547077
wavelet-HLL	glcm	Idn	0.906677795
wavelet-HLL	glcm	Idm	0.208168436
wavelet-HLL	glcm	Correlation	0.271892314
wavelet-HLL	glcm	Autocorrelation	238.90796
wavelet-HLL	glcm	SumEntropy	4.823030788
wavelet-HLL	glcm	SumSquares	29.95784633
wavelet-HLL	glcm	ClusterProminence	30453.06161
wavelet-HLL	glcm	Imc2	0.959619782
wavelet-HLL	glcm	Imc1	-0.298247844
wavelet-HLL	glcm	DifferenceAverage	4.796938502
wavelet-HLL	glcm	Id	0.298684643
wavelet-HLL	glcm	ClusterTendency	76.40452666
wavelet-HLL	firstorder	InterquartileRange	169.0446595
wavelet-HLL	firstorder	Skewness	0.88051861
wavelet-HLL	firstorder	Uniformity	0.056826719
wavelet-HLL	firstorder	Median	-44.86344239



wavelet-HLL	firstorder	Energy	5462991.523
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	72.41087562
wavelet-HLL	firstorder	MeanAbsoluteDeviation	110.4072247
wavelet-HLL	firstorder	TotalEnergy	147500771.1
wavelet-HLL	firstorder	Maximum	655.4647488
wavelet-HLL	firstorder	RootMeanSquared	150.2476127
wavelet-HLL	firstorder	90Percentile	145.2572604
wavelet-HLL	firstorder	Minimum	-394.65713
wavelet-HLL	firstorder	Entropy	4.39613828
wavelet-HLL	firstorder	Range	1050.121879
wavelet-HLL	firstorder	Variance	21671.00747
wavelet-HLL	firstorder	10Percentile	-195.573439
wavelet-HLL	firstorder	Kurtosis	5.71688784
wavelet-HLL	firstorder	Mean	-30.0555763
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.016490454
wavelet-HLL	grlm	GrayLevelVariance	35.87498802
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.01694346
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.055584243
wavelet-HLL	grlm	RunVariance	0.052526482
wavelet-HLL	grlm	GrayLevelNonUniformity	12.83807218
wavelet-HLL	grlm	LongRunEmphasis	1.152563443
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	263.0460666
wavelet-HLL	grlm	RunLengthNonUniformity	211.1676854
wavelet-HLL	grlm	ShortRunEmphasis	0.965548379
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	306.0273215
wavelet-HLL	grlm	RunPercentage	0.954227591
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.018821507
wavelet-HLL	grlm	RunEntropy	4.62468639
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	270.8916041
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.913691874
wavelet-HLL	glszm	GrayLevelVariance	50.95362718
wavelet-HLL	glszm	ZoneVariance	3.76010101
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.045454545
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.47761708
wavelet-HLL	glszm	SizeZoneNonUniformity	63.04545455
wavelet-HLL	glszm	GrayLevelNonUniformity	6
wavelet-HLL	glszm	LargeAreaEmphasis	7.121212121
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	230.6521698
wavelet-HLL	glszm	ZonePercentage	0.545454545
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.073184536
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1667.204545
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	297.3484848
wavelet-HLL	glszm	SmallAreaEmphasis	0.716800178
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018689218
wavelet-HLL	glszm	ZoneEntropy	5.561207522
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011360789
wavelet-HLL	ngtdm	Coarseness	0.032071514
wavelet-HLL	ngtdm	Complexity	1270.416047
wavelet-HLL	ngtdm	Strength	12.16865752
wavelet-HLL	ngtdm	Contrast	0.257263808
wavelet-HLL	ngtdm	Busyness	0.074252001
wavelet-LHL	gldm	GrayLevelVariance	138.7094632
wavelet-LHL	gldm	HighGrayLevelEmphasis	1127.318182

wavelet-LHL	gldm	DependenceEntropy	6.314940407
wavelet-LHL	gldm	DependenceNonUniformity	104.9421488
wavelet-LHL	gldm	GrayLevelNonUniformity	7.115702479
wavelet-LHL	gldm	SmallDependenceEmphasis	0.669515611
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	780.7391563
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.433645243
wavelet-LHL	gldm	LargeDependenceEmphasis	3.289256198
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010916782
wavelet-LHL	gldm	DependenceVariance	0.745099378
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3343.896694
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006647467
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.007185633
wavelet-LHL	glcm	JointAverage	31.5141467
wavelet-LHL	glcm	SumAverage	63.0282934
wavelet-LHL	glcm	JointEntropy	7.954344909
wavelet-LHL	glcm	ClusterShade	-103.7731558
wavelet-LHL	glcm	MaximumProbability	0.012004625
wavelet-LHL	glcm	ldmn	0.944879694
wavelet-LHL	glcm	JointEnergy	0.004348809
wavelet-LHL	glcm	Contrast	253.2992985
wavelet-LHL	glcm	DifferenceEntropy	4.723967027
wavelet-LHL	glcm	InverseVariance	0.102339021
wavelet-LHL	glcm	DifferenceVariance	100.8967079
wavelet-LHL	glcm	ldn	0.851320065
wavelet-LHL	glcm	ldm	0.099752431
wavelet-LHL	glcm	Correlation	0.160856934
wavelet-LHL	glcm	Autocorrelation	1017.365252
wavelet-LHL	glcm	SumEntropy	5.750608954
wavelet-LHL	glcm	SumSquares	150.8021512
wavelet-LHL	glcm	ClusterProminence	318739.2867
wavelet-LHL	glcm	lmc2	0.997815567
wavelet-LHL	glcm	lmc1	-0.511920281
wavelet-LHL	glcm	DifferenceAverage	11.95268388
wavelet-LHL	glcm	ld	0.174602185
wavelet-LHL	glcm	ClusterTendency	349.9093062
wavelet-LHL	firstorder	InterquartileRange	428.912118
wavelet-LHL	firstorder	Skewness	-0.040471239
wavelet-LHL	firstorder	Uniformity	0.029403729
wavelet-LHL	firstorder	Median	-3.503292958
wavelet-LHL	firstorder	Energy	21070429.89
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	179.8487075
wavelet-LHL	firstorder	MeanAbsoluteDeviation	245.3949626
wavelet-LHL	firstorder	TotalEnergy	568901607
wavelet-LHL	firstorder	Maximum	716.734068
wavelet-LHL	firstorder	RootMeanSquared	295.0726895
wavelet-LHL	firstorder	90Percentile	347.8194638
wavelet-LHL	firstorder	Minimum	-783.1332724
wavelet-LHL	firstorder	Entropy	5.344516079
wavelet-LHL	firstorder	Range	1499.86734
wavelet-LHL	firstorder	Variance	86377.064
wavelet-LHL	firstorder	10Percentile	-422.1743357
wavelet-LHL	firstorder	Kurtosis	2.478951577
wavelet-LHL	firstorder	Mean	-26.28360892

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.007289085
wavelet-LHL	grlm	GrayLevelVariance	139.3995125
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.007317452
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.029070826
wavelet-LHL	grlm	RunVariance	0.023502969
wavelet-LHL	grlm	GrayLevelNonUniformity	6.874752764
wavelet-LHL	grlm	LongRunEmphasis	1.07169045
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1112.185708
wavelet-LHL	grlm	RunLengthNonUniformity	225.9101946
wavelet-LHL	grlm	ShortRunEmphasis	0.98244109
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1202.279644
wavelet-LHL	grlm	RunPercentage	0.977113795
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.007433669
wavelet-LHL	grlm	RunEntropy	5.445510484
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1130.050576
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.954907911
wavelet-LHL	glszm	GrayLevelVariance	149.3030556
wavelet-LHL	glszm	ZoneVariance	0.692469136
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026049383
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.642037037
wavelet-LHL	glszm	SizeZoneNonUniformity	115.5666667
wavelet-LHL	glszm	GrayLevelNonUniformity	4.688888889
wavelet-LHL	glszm	LargeAreaEmphasis	2.5
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	973.6172936
wavelet-LHL	glszm	ZonePercentage	0.743801653
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011531814
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2613.172222
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1159.483333
wavelet-LHL	glszm	SmallAreaEmphasis	0.827980324
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.009104096
wavelet-LHL	glszm	ZoneEntropy	6.110739486
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008820102
wavelet-LHL	ngtdm	Coarseness	0.020209025
wavelet-LHL	ngtdm	Complexity	9180.140021
wavelet-LHL	ngtdm	Strength	20.61378895
wavelet-LHL	ngtdm	Contrast	0.847291246
wavelet-LHL	ngtdm	Busyness	0.032528326
wavelet-LHH	gldm	GrayLevelVariance	51.22081825
wavelet-LHH	gldm	HighGrayLevelEmphasis	708.8677686
wavelet-LHH	gldm	DependenceEntropy	5.87686905
wavelet-LHH	gldm	DependenceNonUniformity	93.73553719
wavelet-LHH	gldm	GrayLevelNonUniformity	10.96694215
wavelet-LHH	gldm	SmallDependenceEmphasis	0.631967401
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	455.4301297
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.387336931
wavelet-LHH	gldm	LargeDependenceEmphasis	4.033057851
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011990317
wavelet-LHH	gldm	DependenceVariance	1.020968513
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2695.85124
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005547485
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006301124
wavelet-LHH	glcm	JointAverage	25.60366658
wavelet-LHH	glcm	SumAverage	51.20733316

wavelet-LHH	glcm	JointEntropy	7.62839358
wavelet-LHH	glcm	ClusterShade	18.71410845
wavelet-LHH	glcm	MaximumProbability	0.016457749
wavelet-LHH	glcm	Idmn	0.966346174
wavelet-LHH	glcm	JointEnergy	0.005761317
wavelet-LHH	glcm	Contrast	102.3004818
wavelet-LHH	glcm	DifferenceEntropy	4.128616472
wavelet-LHH	glcm	InverseVariance	0.148410017
wavelet-LHH	glcm	DifferenceVariance	42.55088758
wavelet-LHH	glcm	Idn	0.881516258
wavelet-LHH	glcm	Idm	0.138402139
wavelet-LHH	glcm	Correlation	-0.028847071
wavelet-LHH	glcm	Autocorrelation	654.0878086
wavelet-LHH	glcm	SumEntropy	4.912555861
wavelet-LHH	glcm	SumSquares	49.68080845
wavelet-LHH	glcm	ClusterProminence	48457.39033
wavelet-LHH	glcm	Imc2	0.983425012
wavelet-LHH	glcm	Imc1	-0.368994525
wavelet-LHH	glcm	DifferenceAverage	7.520303247
wavelet-LHH	glcm	Id	0.225345297
wavelet-LHH	glcm	ClusterTendency	96.42275199
wavelet-LHH	firstorder	InterquartileRange	202.7791744
wavelet-LHH	firstorder	Skewness	0.007410039
wavelet-LHH	firstorder	Uniformity	0.045317943
wavelet-LHH	firstorder	Median	8.653072689
wavelet-LHH	firstorder	Energy	7680304.632
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	89.75899766
wavelet-LHH	firstorder	MeanAbsoluteDeviation	135.9782967
wavelet-LHH	firstorder	TotalEnergy	207368225.1
wavelet-LHH	firstorder	Maximum	631.0895985
wavelet-LHH	firstorder	RootMeanSquared	178.1482416
wavelet-LHH	firstorder	90Percentile	205.4111466
wavelet-LHH	firstorder	Minimum	-608.4332665
wavelet-LHH	firstorder	Entropy	4.704009667
wavelet-LHH	firstorder	Range	1239.522865
wavelet-LHH	firstorder	Variance	31724.76988
wavelet-LHH	firstorder	10Percentile	-222.0659823
wavelet-LHH	firstorder	Kurtosis	4.343602045
wavelet-LHH	firstorder	Mean	3.467869171
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.006387757
wavelet-LHH	grlm	GrayLevelVariance	52.0647885
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.006429212
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.044825696
wavelet-LHH	grlm	RunVariance	0.030224616
wavelet-LHH	grlm	GrayLevelNonUniformity	10.54117844
wavelet-LHH	grlm	LongRunEmphasis	1.090088071
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	695.623385
wavelet-LHH	grlm	RunLengthNonUniformity	222.3949731
wavelet-LHH	grlm	ShortRunEmphasis	0.978580269
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	769.9169093
wavelet-LHH	grlm	RunPercentage	0.971710108
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.006604251
wavelet-LHH	grlm	RunEntropy	4.840144765

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	710.0529771
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.945287261
wavelet-LHH	glszm	GrayLevelVariance	62.83319161
wavelet-LHH	glszm	ZoneVariance	1.627409297
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04180839
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.642502834
wavelet-LHH	glszm	SizeZoneNonUniformity	107.9404762
wavelet-LHH	glszm	GrayLevelNonUniformity	7.023809524
wavelet-LHH	glszm	LargeAreaEmphasis	3.702380952
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	597.3452735
wavelet-LHH	glszm	ZonePercentage	0.694214876
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.013234488
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2451.892857
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	721
wavelet-LHH	glszm	SmallAreaEmphasis	0.827218537
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008207505
wavelet-LHH	glszm	ZoneEntropy	5.476337289
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007820857
wavelet-LHH	ngtdm	Coarseness	0.022303119
wavelet-LHH	ngtdm	Complexity	3290.290835
wavelet-LHH	ngtdm	Strength	10.92739136
wavelet-LHH	ngtdm	Contrast	0.443770808
wavelet-LHH	ngtdm	Busyness	0.048715497
wavelet-LLH	gldm	GrayLevelVariance	76.92008743
wavelet-LLH	gldm	HighGrayLevelEmphasis	564.1983471
wavelet-LLH	gldm	DependenceEntropy	6.267831913
wavelet-LLH	gldm	DependenceNonUniformity	77.3553719
wavelet-LLH	gldm	GrayLevelNonUniformity	9.79338843
wavelet-LLH	gldm	SmallDependenceEmphasis	0.557649149
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	338.8593553
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.319650297
wavelet-LLH	gldm	LargeDependenceEmphasis	5.545454545
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022348705
wavelet-LLH	gldm	DependenceVariance	1.578444095
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2911.92562
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008721749
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010087989
wavelet-LLH	glcm	JointAverage	21.71881796
wavelet-LLH	glcm	SumAverage	43.43763591
wavelet-LLH	glcm	JointEntropy	7.636952192
wavelet-LLH	glcm	ClusterShade	-45.04676395
wavelet-LLH	glcm	MaximumProbability	0.015861429
wavelet-LLH	glcm	ldmn	0.96378652
wavelet-LLH	glcm	JointEnergy	0.00572279
wavelet-LLH	glcm	Contrast	118.2833995
wavelet-LLH	glcm	DifferenceEntropy	4.258147727
wavelet-LLH	glcm	InverseVariance	0.149262586
wavelet-LLH	glcm	DifferenceVariance	49.7964731
wavelet-LLH	glcm	ldn	0.879161302
wavelet-LLH	glcm	ldm	0.152128378
wavelet-LLH	glcm	Correlation	0.163130755
wavelet-LLH	glcm	Autocorrelation	483.6370982
wavelet-LLH	glcm	SumEntropy	5.272615468

wavelet-LLH	glcm	SumSquares	71.04853185
wavelet-LLH	glcm	ClusterProminence	100157.201
wavelet-LLH	glcm	Imc2	0.990233444
wavelet-LLH	glcm	Imc1	-0.41186947
wavelet-LLH	glcm	DifferenceAverage	8.046486661
wavelet-LLH	glcm	Id	0.233368516
wavelet-LLH	glcm	ClusterTendency	165.9107279
wavelet-LLH	firstorder	InterquartileRange	322.7507555
wavelet-LLH	firstorder	Skewness	0.247413381
wavelet-LLH	firstorder	Uniformity	0.040468547
wavelet-LLH	firstorder	Median	-18.61286189
wavelet-LLH	firstorder	Energy	11908123.72
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	117.202428
wavelet-LLH	firstorder	MeanAbsoluteDeviation	170.3523385
wavelet-LLH	firstorder	TotalEnergy	321519340.4
wavelet-LLH	firstorder	Maximum	731.8179541
wavelet-LLH	firstorder	RootMeanSquared	221.8267856
wavelet-LLH	firstorder	90Percentile	188.8471062
wavelet-LLH	firstorder	Minimum	-556.3371849
wavelet-LLH	firstorder	Entropy	4.910121968
wavelet-LLH	firstorder	Range	1288.155139
wavelet-LLH	firstorder	Variance	47907.73398
wavelet-LLH	firstorder	10Percentile	-302.1413996
wavelet-LLH	firstorder	Kurtosis	3.512512792
wavelet-LLH	firstorder	Mean	-36.04703632
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.010295225
wavelet-LLH	grlm	GrayLevelVariance	78.64735526
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.010376857
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.039757995
wavelet-LLH	grlm	RunVariance	0.041391489
wavelet-LLH	grlm	GrayLevelNonUniformity	9.25529011
wavelet-LLH	grlm	LongRunEmphasis	1.123096197
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	551.0736218
wavelet-LLH	grlm	RunLengthNonUniformity	215.8301159
wavelet-LLH	grlm	ShortRunEmphasis	0.971083346
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	629.3883238
wavelet-LLH	grlm	RunPercentage	0.961856325
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.010730533
wavelet-LLH	grlm	RunEntropy	5.092984145
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	566.1007911
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.926783855
wavelet-LLH	glszm	GrayLevelVariance	99.64406852
wavelet-LLH	glszm	ZoneVariance	1.942671622
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033961297
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.568371139
wavelet-LLH	glszm	SizeZoneNonUniformity	86.96078431
wavelet-LLH	glszm	GrayLevelNonUniformity	5.196078431
wavelet-LLH	glszm	LargeAreaEmphasis	4.444444444
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	486.5614953
wavelet-LLH	glszm	ZonePercentage	0.632231405
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.023500538
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2381.751634
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	595.2156863

wavelet-LLH	glszm	SmallAreaEmphasis	0.781222715
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.014201429
wavelet-LLH	glszm	ZoneEntropy	5.9082578
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013461849
wavelet-LLH	ngtdm	Coarseness	0.021899803
wavelet-LLH	ngtdm	Complexity	4706.787707
wavelet-LLH	ngtdm	Strength	15.60523955
wavelet-LLH	ngtdm	Contrast	0.493180052
wavelet-LLH	ngtdm	Busyness	0.045814723
wavelet-LLL	gldm	GrayLevelVariance	354.2899563
wavelet-LLL	gldm	HighGrayLevelEmphasis	2443.384298
wavelet-LLL	gldm	DependenceEntropy	6.472311018
wavelet-LLL	gldm	DependenceNonUniformity	116.5702479
wavelet-LLL	gldm	GrayLevelNonUniformity	5.008264463
wavelet-LLL	gldm	SmallDependenceEmphasis	0.710571625
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1659.219697
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.481695239
wavelet-LLL	gldm	LargeDependenceEmphasis	2.636363636
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007
wavelet-LLL	gldm	DependenceVariance	0.472303804
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	7446.764463
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005619133
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005862324
wavelet-LLL	glcm	JointAverage	48.29544572
wavelet-LLL	glcm	SumAverage	96.59089144
wavelet-LLL	glcm	JointEntropy	8.055026231
wavelet-LLL	glcm	ClusterShade	-8987.887505
wavelet-LLL	glcm	MaximumProbability	0.009615911
wavelet-LLL	glcm	ldmn	0.95227406
wavelet-LLL	glcm	JointEnergy	0.003938831
wavelet-LLL	glcm	Contrast	425.6990736
wavelet-LLL	glcm	DifferenceEntropy	5.10010795
wavelet-LLL	glcm	InverseVariance	0.055931592
wavelet-LLL	glcm	DifferenceVariance	146.2216385
wavelet-LLL	glcm	ldn	0.85476814
wavelet-LLL	glcm	ldm	0.065674402
wavelet-LLL	glcm	Correlation	0.363345094
wavelet-LLL	glcm	Autocorrelation	2452.578892
wavelet-LLL	glcm	SumEntropy	6.148797109
wavelet-LLL	glcm	SumSquares	332.4836431
wavelet-LLL	glcm	ClusterProminence	2365763.675
wavelet-LLL	glcm	lmc2	0.999329456
wavelet-LLL	glcm	lmc1	-0.584617718
wavelet-LLL	glcm	DifferenceAverage	16.34149874
wavelet-LLL	glcm	ld	0.132054016
wavelet-LLL	glcm	ClusterTendency	904.2354986
wavelet-LLL	firstorder	InterquartileRange	642.289664
wavelet-LLL	firstorder	Skewness	-0.26643609
wavelet-LLL	firstorder	Uniformity	0.020695308
wavelet-LLL	firstorder	Median	1076.661142
wavelet-LLL	firstorder	Energy	322964584.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	273.3107679
wavelet-LLL	firstorder	MeanAbsoluteDeviation	382.0769687

wavelet-LLL	firstorder	TotalEnergy	8720043788
wavelet-LLL	firstorder	Maximum	2123.166482
wavelet-LLL	firstorder	RootMeanSquared	1155.233483
wavelet-LLL	firstorder	90Percentile	1610.438185
wavelet-LLL	firstorder	Minimum	-67.08234373
wavelet-LLL	firstorder	Entropy	5.804284132
wavelet-LLL	firstorder	Range	2190.248826
wavelet-LLL	firstorder	Variance	221394.2841
wavelet-LLL	firstorder	10Percentile	338.7232753
wavelet-LLL	firstorder	Kurtosis	2.416931387
wavelet-LLL	firstorder	Mean	1055.068773
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.005946615
wavelet-LLL	grlm	GrayLevelVariance	354.894987
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.005957106
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.020576184
wavelet-LLL	grlm	RunVariance	0.018106579
wavelet-LLL	grlm	GrayLevelNonUniformity	4.889331518
wavelet-LLL	grlm	LongRunEmphasis	1.055661526
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2394.277715
wavelet-LLL	grlm	RunLengthNonUniformity	229.0569826
wavelet-LLL	grlm	ShortRunEmphasis	0.986084619
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2596.650748
wavelet-LLL	grlm	RunPercentage	0.981881755
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.005999067
wavelet-LLL	grlm	RunEntropy	5.868124794
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2434.752322
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.963786842
wavelet-LLL	glszm	GrayLevelVariance	367.1505167
wavelet-LLL	glszm	ZoneVariance	0.384199995
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019051013
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.665853458
wavelet-LLL	glszm	SizeZoneNonUniformity	127.1780105
wavelet-LLL	glszm	GrayLevelNonUniformity	3.638743455
wavelet-LLL	glszm	LargeAreaEmphasis	1.989528796
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1951.754543
wavelet-LLL	glszm	ZonePercentage	0.789256198
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007910068
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5332.675393
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2347.633508
wavelet-LLL	glszm	SmallAreaEmphasis	0.843359511
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007215173
wavelet-LLL	glszm	ZoneEntropy	6.359200771
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007070021
wavelet-LLL	ngtdm	Coarseness	0.021238385
wavelet-LLL	ngtdm	Complexity	20915.81375
wavelet-LLL	ngtdm	Strength	44.20985234
wavelet-LLL	ngtdm	Contrast	1.74239451
wavelet-LLL	ngtdm	Busyness	0.01747049
wavelet-HHL	gldm	GrayLevelVariance	18.89495253
wavelet-HHL	gldm	HighGrayLevelEmphasis	297.8677686
wavelet-HHL	gldm	DependenceEntropy	5.843473299
wavelet-HHL	gldm	DependenceNonUniformity	49.40495868
wavelet-HHL	gldm	GrayLevelNonUniformity	21.4214876



wavelet-HHL	gldm	SmallDependenceEmphasis	0.39898115
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	122.9071353
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.204152722
wavelet-HHL	gldm	LargeDependenceEmphasis	10.19008264
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.04412097
wavelet-HHL	gldm	DependenceVariance	2.797076702
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2810.595041
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006323314
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.00862598
wavelet-HHL	glcm	JointAverage	16.82114966
wavelet-HHL	glcm	SumAverage	33.64229933
wavelet-HHL	glcm	JointEntropy	6.866237958
wavelet-HHL	glcm	ClusterShade	76.71679631
wavelet-HHL	glcm	MaximumProbability	0.039004423
wavelet-HHL	glcm	Idmn	0.972291275
wavelet-HHL	glcm	JointEnergy	0.011690195
wavelet-HHL	glcm	Contrast	35.84103535
wavelet-HHL	glcm	DifferenceEntropy	3.579447914
wavelet-HHL	glcm	InverseVariance	0.221039648
wavelet-HHL	glcm	DifferenceVariance	15.76002732
wavelet-HHL	glcm	Idn	0.893226334
wavelet-HHL	glcm	Idm	0.238827772
wavelet-HHL	glcm	Correlation	-0.008892444
wavelet-HHL	glcm	Autocorrelation	282.746004
wavelet-HHL	glcm	SumEntropy	4.357962121
wavelet-HHL	glcm	SumSquares	17.70414246
wavelet-HHL	glcm	ClusterProminence	5152.154629
wavelet-HHL	glcm	Imc2	0.917841233
wavelet-HHL	glcm	Imc1	-0.23874069
wavelet-HHL	glcm	DifferenceAverage	4.437249367
wavelet-HHL	glcm	Id	0.325431017
wavelet-HHL	glcm	ClusterTendency	34.97553448
wavelet-HHL	firstorder	InterquartileRange	109.474137
wavelet-HHL	firstorder	Skewness	0.40730617
wavelet-HHL	firstorder	Uniformity	0.088518544
wavelet-HHL	firstorder	Median	-8.122860226
wavelet-HHL	firstorder	Energy	2843651.96
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	47.13261816
wavelet-HHL	firstorder	MeanAbsoluteDeviation	78.78673151
wavelet-HHL	firstorder	TotalEnergy	76778602.91
wavelet-HHL	firstorder	Maximum	447.0712696
wavelet-HHL	firstorder	RootMeanSquared	108.4003133
wavelet-HHL	firstorder	90Percentile	142.7077614
wavelet-HHL	firstorder	Minimum	-384.618205
wavelet-HHL	firstorder	Entropy	3.945506307
wavelet-HHL	firstorder	Range	831.6894746
wavelet-HHL	firstorder	Variance	11726.86425
wavelet-HHL	firstorder	10Percentile	-111.3352048
wavelet-HHL	firstorder	Kurtosis	4.884104125
wavelet-HHL	firstorder	Mean	4.874800904
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.008774742
wavelet-HHL	grlm	GrayLevelVariance	19.84165213
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.008967024

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.084533883
wavelet-HHL	glrlm	RunVariance	0.079038201
wavelet-HHL	glrlm	GrayLevelNonUniformity	19.11503664
wavelet-HHL	glrlm	LongRunEmphasis	1.228205238
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	285.3901008
wavelet-HHL	glrlm	RunLengthNonUniformity	198.6669693
wavelet-HHL	glrlm	ShortRunEmphasis	0.950238336
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	362.5864564
wavelet-HHL	glrlm	RunPercentage	0.933884298
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.009847816
wavelet-HHL	glrlm	RunEntropy	4.285840085
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	299.2788175
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.878106279
wavelet-HHL	glszm	GrayLevelVariance	32.6892562
wavelet-HHL	glszm	ZoneVariance	10.46909091
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.053553719
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.49322314
wavelet-HHL	glszm	SizeZoneNonUniformity	54.25454545
wavelet-HHL	glszm	GrayLevelNonUniformity	5.890909091
wavelet-HHL	glszm	LargeAreaEmphasis	15.30909091
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	224.034386
wavelet-HHL	glszm	ZonePercentage	0.454545455
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.070689124
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	4097.236364
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	312.4909091
wavelet-HHL	glszm	SmallAreaEmphasis	0.727721651
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.014371337
wavelet-HHL	glszm	ZoneEntropy	5.416460027
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013351432
wavelet-HHL	ngtdm	Coarseness	0.024794244
wavelet-HHL	ngtdm	Complexity	943.1745206
wavelet-HHL	ngtdm	Strength	5.964789207
wavelet-HHL	ngtdm	Contrast	0.177794284
wavelet-HHL	ngtdm	Busyness	0.078529944
wavelet-HLH	gldm	GrayLevelVariance	8.162232771
wavelet-HLH	gldm	HighGrayLevelEmphasis	120.8553719
wavelet-HLH	gldm	DependenceEntropy	5.414097414
wavelet-HLH	gldm	DependenceNonUniformity	54.85950413
wavelet-HLH	gldm	GrayLevelNonUniformity	26.04132231
wavelet-HLH	gldm	SmallDependenceEmphasis	0.346444565
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	43.6515749
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.226692166
wavelet-HLH	gldm	LargeDependenceEmphasis	9.884297521
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097397253
wavelet-HLH	gldm	DependenceVariance	2.625503722
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1176.954545
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009518171
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.016208618
wavelet-HLH	glcm	JointAverage	10.60942777
wavelet-HLH	glcm	SumAverage	21.21885555
wavelet-HLH	glcm	JointEntropy	6.367095735
wavelet-HLH	glcm	ClusterShade	-5.178722579
wavelet-HLH	glcm	MaximumProbability	0.044758449

wavelet-HLH	glcm	Idmn	0.967931864
wavelet-HLH	glcm	JointEnergy	0.016151933
wavelet-HLH	glcm	Contrast	15.8874139
wavelet-HLH	glcm	DifferenceEntropy	3.053837541
wavelet-HLH	glcm	InverseVariance	0.298590697
wavelet-HLH	glcm	DifferenceVariance	6.418131903
wavelet-HLH	glcm	Idn	0.881943049
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wavelet-HLH	glcm	Correlation	-0.020367395
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wavelet-HLH	glcm	SumSquares	7.788144194
wavelet-HLH	glcm	ClusterProminence	900.5792903
wavelet-HLH	glcm	Imc2	0.805832659
wavelet-HLH	glcm	Imc1	-0.15374494
wavelet-HLH	glcm	DifferenceAverage	3.054953121
wavelet-HLH	glcm	Id	0.36842369
wavelet-HLH	glcm	ClusterTendency	15.26516287
wavelet-HLH	firstorder	InterquartileRange	81.91817019
wavelet-HLH	firstorder	Skewness	-0.121482135
wavelet-HLH	firstorder	Uniformity	0.10760877
wavelet-HLH	firstorder	Median	7.995711151
wavelet-HLH	firstorder	Energy	1209147.739
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.54544069
wavelet-HLH	firstorder	MeanAbsoluteDeviation	54.2338237
wavelet-HLH	firstorder	TotalEnergy	32646988.96
wavelet-HLH	firstorder	Maximum	257.9546445
wavelet-HLH	firstorder	RootMeanSquared	70.68577128
wavelet-HLH	firstorder	90Percentile	90.52880915
wavelet-HLH	firstorder	Minimum	-225.3613377
wavelet-HLH	firstorder	Entropy	3.483722536
wavelet-HLH	firstorder	Range	483.3159822
wavelet-HLH	firstorder	Variance	4985.004453
wavelet-HLH	firstorder	10Percentile	-88.55649906
wavelet-HLH	firstorder	Kurtosis	3.623491138
wavelet-HLH	firstorder	Mean	3.387301117
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.016200731
wavelet-HLH	grlm	GrayLevelVariance	8.530657831
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.016677361
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.103754765
wavelet-HLH	grlm	RunVariance	0.075021383
wavelet-HLH	grlm	GrayLevelNonUniformity	23.47615035
wavelet-HLH	grlm	LongRunEmphasis	1.221360903
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	115.1651133
wavelet-HLH	grlm	RunLengthNonUniformity	198.9987678
wavelet-HLH	grlm	ShortRunEmphasis	0.950396469
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	147.249156
wavelet-HLH	grlm	RunPercentage	0.934837889
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.018779941
wavelet-HLH	grlm	RunEntropy	3.817347419
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	121.0308187
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.878636017
wavelet-HLH	glszm	GrayLevelVariance	14.57774471

wavelet-HLH	glszm	ZoneVariance	18.97162291
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.080880009
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.380805612
wavelet-HLH	glszm	SizeZoneNonUniformity	36.93814433
wavelet-HLH	glszm	GrayLevelNonUniformity	7.845360825
wavelet-HLH	glszm	LargeAreaEmphasis	25.19587629
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	81.44710872
wavelet-HLH	glszm	ZonePercentage	0.400826446
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.234373509
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	3068.298969
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	123.8556701
wavelet-HLH	glszm	SmallAreaEmphasis	0.635084839
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.025671815
wavelet-HLH	glszm	ZoneEntropy	5.180688585
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021322191
wavelet-HLH	ngtdm	Coarseness	0.025310236
wavelet-HLH	ngtdm	Complexity	269.6247004
wavelet-HLH	ngtdm	Strength	2.224359043
wavelet-HLH	ngtdm	Contrast	0.139308909
wavelet-HLH	ngtdm	Busyness	0.208817787

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	285
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original	shape	Volume	7695
original	shape	MajorAxis	44.20976114
original	shape	SurfaceArea	2812.592643
original	shape	Flatness	0.361618712
original	shape	LeastAxis	15.98707687
original	shape	Maximum2DDiameterColumn	37.94733192
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original	gldm	GrayLevelVariance	66.92360726
original	gldm	HighGrayLevelEmphasis	384.6385965
original	gldm	DependenceEntropy	6.160858561
original	gldm	DependenceNonUniformity	95.20350877
original	gldm	GrayLevelNonUniformity	10.25614035
original	gldm	SmallDependenceEmphasis	0.573828127
original	gldm	SmallDependenceHighGrayLevelEmphasis	192.5659566
original	gldm	DependenceNonUniformityNormalized	0.334047399
original	gldm	LargeDependenceEmphasis	5.4
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.052213157
original	gldm	DependenceVariance	1.607756233
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original	glcm	JointAverage	19.37451922

original	glcm	SumAverage	38.74903844
original	glcm	JointEntropy	8.010715874
original	glcm	ClusterShade	-427.5825814
original	glcm	MaximumProbability	0.013253403
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original	glcm	ClusterTendency	163.9925262
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original	firstorder	Skewness	-0.11114576
original	firstorder	Uniformity	0.035986457
original	firstorder	Median	-306
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original	firstorder	RobustMeanAbsoluteDeviation	136.1508926
original	firstorder	MeanAbsoluteDeviation	174.9500769
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original	firstorder	Entropy	4.875271191
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original	glrlm	LowGrayLevelRunEmphasis	0.029408091
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original	glrlm	RunVariance	0.041488708
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original	glrlm	ShortRunHighGrayLevelEmphasis	363.8957599
original	glrlm	RunLengthNonUniformity	255.989205
original	glrlm	ShortRunEmphasis	0.972991124
original	glrlm	LongRunHighGrayLevelEmphasis	444.5199521
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original	glrlm	HighGrayLevelRunEmphasis	378.4498401

original	glrlm	RunLengthNonUniformityNormalized	0.931720465
original	glszm	GrayLevelVariance	64.73418892
original	glszm	ZoneVariance	1.711325009
original	glszm	GrayLevelNonUniformityNormalized	0.036709446
original	glszm	SizeZoneNonUniformityNormalized	0.577465603
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original	glszm	GrayLevelNonUniformity	6.827956989
original	glszm	LargeAreaEmphasis	4.059139785
original	glszm	SmallAreaHighGrayLevelEmphasis	258.719697
original	glszm	ZonePercentage	0.652631579
original	glszm	LargeAreaLowGrayLevelEmphasis	0.056222888
original	glszm	LargeAreaHighGrayLevelEmphasis	2130.225806
original	glszm	HighGrayLevelZoneEmphasis	333.6236559
original	glszm	SmallAreaEmphasis	0.787914717
original	glszm	LowGrayLevelZoneEmphasis	0.038972691
original	glszm	ZoneEntropy	5.681925565
original	glszm	SmallAreaLowGrayLevelEmphasis	0.035790611
original	ngtdm	Coarseness	0.019819568
original	ngtdm	Complexity	1893.992043
original	ngtdm	Strength	6.581884746
original	ngtdm	Contrast	0.708598667
original	ngtdm	Busyness	0.118715147
wavelet-HHH	gldm	GrayLevelVariance	3.751726685
wavelet-HHH	gldm	HighGrayLevelEmphasis	59.92280702
wavelet-HHH	gldm	DependenceEntropy	5.339686826
wavelet-HHH	gldm	DependenceNonUniformity	48.12982456
wavelet-HHH	gldm	GrayLevelNonUniformity	42.73333333
wavelet-HHH	gldm	SmallDependenceEmphasis	0.230785382
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	15.51706349
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.168876577
wavelet-HHH	gldm	LargeDependenceEmphasis	14.74736842
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.305423622
wavelet-HHH	gldm	DependenceVariance	3.187368421
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	846.4421053
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008959699
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025542398
wavelet-HHH	glcm	JointAverage	7.513996365
wavelet-HHH	glcm	SumAverage	15.02799273
wavelet-HHH	glcm	JointEntropy	5.698127116
wavelet-HHH	glcm	ClusterShade	1.441205345
wavelet-HHH	glcm	MaximumProbability	0.055189059
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wavelet-HHH	glcm	JointEnergy	0.024130182
wavelet-HHH	glcm	Contrast	7.982929259
wavelet-HHH	glcm	DifferenceEntropy	2.642130832
wavelet-HHH	glcm	InverseVariance	0.345570768
wavelet-HHH	glcm	DifferenceVariance	2.927851129
wavelet-HHH	glcm	Idn	0.86385332
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wavelet-HHH	glcm	Correlation	-0.046927356
wavelet-HHH	glcm	Autocorrelation	56.28830546
wavelet-HHH	glcm	SumEntropy	3.391202292
wavelet-HHH	glcm	SumSquares	3.819187638
wavelet-HHH	glcm	ClusterProminence	156.6436855
wavelet-HHH	glcm	Imc2	0.610333509

wavelet-HHH	glcm	Imc1	-0.079876785
wavelet-HHH	glcm	DifferenceAverage	2.231871331
wavelet-HHH	glcm	Id	0.425580407
wavelet-HHH	glcm	ClusterTendency	7.293821293
wavelet-HHH	firstorder	InterquartileRange	59.5657757
wavelet-HHH	firstorder	Skewness	0.043504184
wavelet-HHH	firstorder	Uniformity	0.14994152
wavelet-HHH	firstorder	Median	0.783785521
wavelet-HHH	firstorder	Energy	642447.0457
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	25.05931977
wavelet-HHH	firstorder	MeanAbsoluteDeviation	37.1229389
wavelet-HHH	firstorder	TotalEnergy	17346070.23
wavelet-HHH	firstorder	Maximum	129.4494087
wavelet-HHH	firstorder	RootMeanSquared	47.47841784
wavelet-HHH	firstorder	90Percentile	60.37577838
wavelet-HHH	firstorder	Minimum	-153.9748087
wavelet-HHH	firstorder	Entropy	2.957467035
wavelet-HHH	firstorder	Range	283.4242174
wavelet-HHH	firstorder	Variance	2254.162913
wavelet-HHH	firstorder	10Percentile	-62.48988125
wavelet-HHH	firstorder	Kurtosis	3.027822763
wavelet-HHH	firstorder	Mean	-0.192994304
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024527353
wavelet-HHH	glrlm	GrayLevelVariance	3.913989969
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.02603721
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.145571914
wavelet-HHH	glrlm	RunVariance	0.105103915
wavelet-HHH	glrlm	GrayLevelNonUniformity	37.65727617
wavelet-HHH	glrlm	LongRunEmphasis	1.321140168
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	55.9816016
wavelet-HHH	glrlm	RunLengthNonUniformity	214.0147713
wavelet-HHH	glrlm	ShortRunEmphasis	0.9271559
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	78.61114183
wavelet-HHH	glrlm	RunPercentage	0.907692308
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.03268095
wavelet-HHH	glrlm	RunEntropy	3.423770046
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	60.17369907
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.826352085
wavelet-HHH	glszm	GrayLevelVariance	7.05315097
wavelet-HHH	glszm	ZoneVariance	40.42434211
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.108033241
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.278739612
wavelet-HHH	glszm	SizeZoneNonUniformity	21.18421053
wavelet-HHH	glszm	GrayLevelNonUniformity	8.210526316
wavelet-HHH	glszm	LargeAreaEmphasis	54.48684211
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	39.61455398
wavelet-HHH	glszm	ZonePercentage	0.266666667
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.041879365
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3182.921053
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	66.30263158
wavelet-HHH	glszm	SmallAreaEmphasis	0.542042958
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.037226856
wavelet-HHH	glszm	ZoneEntropy	5.159387304
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026135132
wavelet-HHH	ngtdm	Coarseness	0.020619757



wavelet-HHH	ngtdm	Complexity	96.27116132
wavelet-HHH	ngtdm	Strength	0.850652715
wavelet-HHH	ngtdm	Contrast	0.093793545
wavelet-HHH	ngtdm	Busyness	0.535475563
wavelet-HLL	gldm	GrayLevelVariance	66.58676516
wavelet-HLL	gldm	HighGrayLevelEmphasis	396.9333333
wavelet-HLL	gldm	DependenceEntropy	6.202334193
wavelet-HLL	gldm	DependenceNonUniformity	102.8596491
wavelet-HLL	gldm	GrayLevelNonUniformity	10.4877193
wavelet-HLL	gldm	SmallDependenceEmphasis	0.583876218
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	244.899501
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.36091105
wavelet-HLL	gldm	LargeDependenceEmphasis	3.98245614
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.056838422
wavelet-HLL	gldm	DependenceVariance	0.842720837
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1653.445614
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009907378
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.016981814
wavelet-HLL	glcm	JointAverage	18.34166083
wavelet-HLL	glcm	SumAverage	36.68332166
wavelet-HLL	glcm	JointEntropy	8.027407585
wavelet-HLL	glcm	ClusterShade	26.62837367
wavelet-HLL	glcm	MaximumProbability	0.011928198
wavelet-HLL	glcm	Idmn	0.953466006
wavelet-HLL	glcm	JointEnergy	0.004270643
wavelet-HLL	glcm	Contrast	103.6140842
wavelet-HLL	glcm	DifferenceEntropy	4.133533677
wavelet-HLL	glcm	InverseVariance	0.138075268
wavelet-HLL	glcm	DifferenceVariance	39.41292016
wavelet-HLL	glcm	Idn	0.861490758
wavelet-HLL	glcm	Idm	0.13099661
wavelet-HLL	glcm	Correlation	0.266308805
wavelet-HLL	glcm	Autocorrelation	355.6955933
wavelet-HLL	glcm	SumEntropy	5.432448012
wavelet-HLL	glcm	SumSquares	71.03654969
wavelet-HLL	glcm	ClusterProminence	97081.80282
wavelet-HLL	glcm	Imc2	0.988710008
wavelet-HLL	glcm	Imc1	-0.384762362
wavelet-HLL	glcm	DifferenceAverage	7.670164454
wavelet-HLL	glcm	Id	0.218998536
wavelet-HLL	glcm	ClusterTendency	180.5321146
wavelet-HLL	firstorder	InterquartileRange	273.1591492
wavelet-HLL	firstorder	Skewness	0.143592617
wavelet-HLL	firstorder	Uniformity	0.036799015
wavelet-HLL	firstorder	Median	-28.50764189
wavelet-HLL	firstorder	Energy	12191003.12
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	114.5801189
wavelet-HLL	firstorder	MeanAbsoluteDeviation	163.3260591
wavelet-HLL	firstorder	TotalEnergy	329157084.2
wavelet-HLL	firstorder	Maximum	587.1795205
wavelet-HLL	firstorder	RootMeanSquared	206.8222656
wavelet-HLL	firstorder	90Percentile	208.0332893
wavelet-HLL	firstorder	Minimum	-464.3567435
wavelet-HLL	firstorder	Entropy	4.945208891
wavelet-HLL	firstorder	Range	1051.536264

wavelet-HLL	firstorder	Variance	41671.78734
wavelet-HLL	firstorder	10Percentile	-302.595624
wavelet-HLL	firstorder	Kurtosis	2.972550189
wavelet-HLL	firstorder	Mean	-33.22141166
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016689933
wavelet-HLL	glrlm	GrayLevelVariance	67.07784929
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.017039752
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.036654567
wavelet-HLL	glrlm	RunVariance	0.031375684
wavelet-HLL	glrlm	GrayLevelNonUniformity	10.13705227
wavelet-HLL	glrlm	LongRunEmphasis	1.095217025
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	387.8649709
wavelet-HLL	glrlm	RunLengthNonUniformity	260.7691755
wavelet-HLL	glrlm	ShortRunEmphasis	0.977193449
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	434.5774263
wavelet-HLL	glrlm	RunPercentage	0.970310391
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.018463334
wavelet-HLL	glrlm	RunEntropy	5.077215447
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	396.9461962
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.942112154
wavelet-HLL	glszm	GrayLevelVariance	74.50442696
wavelet-HLL	glszm	ZoneVariance	0.982922617
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035223815
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.552040788
wavelet-HLL	glszm	SizeZoneNonUniformity	105.4397906
wavelet-HLL	glszm	GrayLevelNonUniformity	6.727748691
wavelet-HLL	glszm	LargeAreaEmphasis	3.209424084
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	332.2326571
wavelet-HLL	glszm	ZonePercentage	0.670175439
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.052600587
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1258.209424
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	411.8324607
wavelet-HLL	glszm	SmallAreaEmphasis	0.771192465
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.016935041
wavelet-HLL	glszm	ZoneEntropy	5.939110188
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012859255
wavelet-HLL	ngtdm	Coarseness	0.024253518
wavelet-HLL	ngtdm	Complexity	3088.742912
wavelet-HLL	ngtdm	Strength	12.77266745
wavelet-HLL	ngtdm	Contrast	0.420214311
wavelet-HLL	ngtdm	Busyness	0.063117011
wavelet-LHL	gldm	GrayLevelVariance	28.37998153
wavelet-LHL	gldm	HighGrayLevelEmphasis	266.8385965
wavelet-LHL	gldm	DependenceEntropy	5.910777758
wavelet-LHL	gldm	DependenceNonUniformity	85.66666667
wavelet-LHL	gldm	GrayLevelNonUniformity	15.40701754
wavelet-LHL	gldm	SmallDependenceEmphasis	0.506006823
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	141.7112817
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.300584795
wavelet-LHL	gldm	LargeDependenceEmphasis	5.070175439
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.035161177
wavelet-LHL	gldm	DependenceVariance	1.056128039
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1286.214035
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008609521
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011846821

wavelet-LHL	glcm	JointAverage	15.13647702
wavelet-LHL	glcm	SumAverage	30.27295405
wavelet-LHL	glcm	JointEntropy	7.586929534
wavelet-LHL	glcm	ClusterShade	128.9509535
wavelet-LHL	glcm	MaximumProbability	0.015596387
wavelet-LHL	glcm	Idmn	0.956510166
wavelet-LHL	glcm	JointEnergy	0.006083709
wavelet-LHL	glcm	Contrast	43.54036373
wavelet-LHL	glcm	DifferenceEntropy	3.623983755
wavelet-LHL	glcm	InverseVariance	0.214273217
wavelet-LHL	glcm	DifferenceVariance	17.33191227
wavelet-LHL	glcm	Idn	0.865655314
wavelet-LHL	glcm	Idm	0.188549779
wavelet-LHL	glcm	Correlation	0.245976323
wavelet-LHL	glcm	Autocorrelation	236.4772581
wavelet-LHL	glcm	SumEntropy	4.887622097
wavelet-LHL	glcm	SumSquares	29.06886365
wavelet-LHL	glcm	ClusterProminence	15837.52189
wavelet-LHL	glcm	Imc2	0.955074342
wavelet-LHL	glcm	Imc1	-0.279780387
wavelet-LHL	glcm	DifferenceAverage	4.97579272
wavelet-LHL	glcm	Id	0.28068255
wavelet-LHL	glcm	ClusterTendency	72.73509089
wavelet-LHL	firstorder	InterquartileRange	182.6294714
wavelet-LHL	firstorder	Skewness	-0.066583428
wavelet-LHL	firstorder	Uniformity	0.054059711
wavelet-LHL	firstorder	Median	-25.12281992
wavelet-LHL	firstorder	Energy	5253737.478
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	75.67247825
wavelet-LHL	firstorder	MeanAbsoluteDeviation	107.5778347
wavelet-LHL	firstorder	TotalEnergy	141850911.9
wavelet-LHL	firstorder	Maximum	320.758313
wavelet-LHL	firstorder	RootMeanSquared	135.772481
wavelet-LHL	firstorder	90Percentile	152.5243307
wavelet-LHL	firstorder	Minimum	-383.7523664
wavelet-LHL	firstorder	Entropy	4.407865603
wavelet-LHL	firstorder	Range	704.5106794
wavelet-LHL	firstorder	Variance	17765.47032
wavelet-LHL	firstorder	10Percentile	-195.7163477
wavelet-LHL	firstorder	Kurtosis	2.695787738
wavelet-LHL	firstorder	Mean	-25.85916212
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011904091
wavelet-LHL	glrlm	GrayLevelVariance	28.81550924
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.012081658
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.053654716
wavelet-LHL	glrlm	RunVariance	0.041901897
wavelet-LHL	glrlm	GrayLevelNonUniformity	14.70165683
wavelet-LHL	glrlm	LongRunEmphasis	1.124283012
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	260.139367
wavelet-LHL	glrlm	RunLengthNonUniformity	253.7781553
wavelet-LHL	glrlm	ShortRunEmphasis	0.970810205
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	298.8694415
wavelet-LHL	glrlm	RunPercentage	0.961403509
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.012823689
wavelet-LHL	glrlm	RunEntropy	4.601863962

wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	267.4467105
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.925928979
wavelet-LHL	glszm	GrayLevelVariance	35.338162
wavelet-LHL	glszm	ZoneVariance	1.752232063
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.04872889
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.500089641
wavelet-LHL	glszm	SizeZoneNonUniformity	83.51497006
wavelet-LHL	glszm	GrayLevelNonUniformity	8.137724551
wavelet-LHL	glszm	LargeAreaEmphasis	4.664670659
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	209.6778654
wavelet-LHL	glszm	ZonePercentage	0.585964912
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037297008
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1163.383234
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	279.2215569
wavelet-LHL	glszm	SmallAreaEmphasis	0.733862174
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015751653
wavelet-LHL	glszm	ZoneEntropy	5.603045699
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013804181
wavelet-LHL	ngtdm	Coarseness	0.022928954
wavelet-LHL	ngtdm	Complexity	1121.416969
wavelet-LHL	ngtdm	Strength	5.576477541
wavelet-LHL	ngtdm	Contrast	0.251465245
wavelet-LHL	ngtdm	Busyness	0.103257287
wavelet-LHH	gldm	GrayLevelVariance	9.243139428
wavelet-LHH	gldm	HighGrayLevelEmphasis	98.39649123
wavelet-LHH	gldm	DependenceEntropy	5.549070508
wavelet-LHH	gldm	DependenceNonUniformity	58.13684211
wavelet-LHH	gldm	GrayLevelNonUniformity	29.42105263
wavelet-LHH	gldm	SmallDependenceEmphasis	0.371072976
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	40.15067575
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.20398892
wavelet-LHH	gldm	LargeDependenceEmphasis	12.2
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.177956309
wavelet-LHH	gldm	DependenceVariance	4.062493075
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1104.207018
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010516571
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.022575183
wavelet-LHH	glcm	JointAverage	9.470332357
wavelet-LHH	glcm	SumAverage	18.94066471
wavelet-LHH	glcm	JointEntropy	6.656303625
wavelet-LHH	glcm	ClusterShade	-0.38811868
wavelet-LHH	glcm	MaximumProbability	0.04712928
wavelet-LHH	glcm	Idmn	0.952244018
wavelet-LHH	glcm	JointEnergy	0.014162305
wavelet-LHH	glcm	Contrast	20.439459
wavelet-LHH	glcm	DifferenceEntropy	3.209052635
wavelet-LHH	glcm	InverseVariance	0.274191097
wavelet-LHH	glcm	DifferenceVariance	8.246491137
wavelet-LHH	glcm	Idn	0.860294053
wavelet-LHH	glcm	Idm	0.270566125
wavelet-LHH	glcm	Correlation	-0.016562806
wavelet-LHH	glcm	Autocorrelation	89.49452551
wavelet-LHH	glcm	SumEntropy	4.044805788
wavelet-LHH	glcm	SumSquares	10.02299412
wavelet-LHH	glcm	ClusterProminence	1414.241401

wavelet-LHH	glcm	Imc2	0.832043573
wavelet-LHH	glcm	Imc1	-0.165086354
wavelet-LHH	glcm	DifferenceAverage	3.427448394
wavelet-LHH	glcm	Id	0.357014913
wavelet-LHH	glcm	ClusterTendency	19.65251749
wavelet-LHH	firstorder	InterquartileRange	80.81561198
wavelet-LHH	firstorder	Skewness	0.078645914
wavelet-LHH	firstorder	Uniformity	0.103231764
wavelet-LHH	firstorder	Median	-2.9316811
wavelet-LHH	firstorder	Energy	1631463.62
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	36.93678973
wavelet-LHH	firstorder	MeanAbsoluteDeviation	57.32254665
wavelet-LHH	firstorder	TotalEnergy	44049517.74
wavelet-LHH	firstorder	Maximum	236.2282851
wavelet-LHH	firstorder	RootMeanSquared	75.6599878
wavelet-LHH	firstorder	90Percentile	98.98303918
wavelet-LHH	firstorder	Minimum	-208.8349773
wavelet-LHH	firstorder	Entropy	3.592067965
wavelet-LHH	firstorder	Range	445.0632624
wavelet-LHH	firstorder	Variance	5720.696456
wavelet-LHH	firstorder	10Percentile	-96.30569335
wavelet-LHH	firstorder	Kurtosis	3.323714213
wavelet-LHH	firstorder	Mean	-1.933209393
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022242073
wavelet-LHH	glrlm	GrayLevelVariance	9.67600934
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.023107946
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.098100685
wavelet-LHH	glrlm	RunVariance	0.086075831
wavelet-LHH	glrlm	GrayLevelNonUniformity	25.97280725
wavelet-LHH	glrlm	LongRunEmphasis	1.248439802
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	93.99005943
wavelet-LHH	glrlm	RunLengthNonUniformity	230.3646874
wavelet-LHH	glrlm	ShortRunEmphasis	0.946013606
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	121.6037408
wavelet-LHH	glrlm	RunPercentage	0.928744939
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.026949653
wavelet-LHH	glrlm	RunEntropy	3.952840986
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	98.93684565
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.868952603
wavelet-LHH	glszm	GrayLevelVariance	14.697856
wavelet-LHH	glszm	ZoneVariance	12.3456
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.079424
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.4272
wavelet-LHH	glszm	SizeZoneNonUniformity	53.4
wavelet-LHH	glszm	GrayLevelNonUniformity	9.928
wavelet-LHH	glszm	LargeAreaEmphasis	17.544
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	75.57814339
wavelet-LHH	glszm	ZonePercentage	0.438596491
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.240028519
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1633.56
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	105.176
wavelet-LHH	glszm	SmallAreaEmphasis	0.677760611
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.029220015
wavelet-LHH	glszm	ZoneEntropy	5.102282031
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020467912

wavelet-LHH	ngtdm	Coarseness	0.023928624
wavelet-LHH	ngtdm	Complexity	283.451124
wavelet-LHH	ngtdm	Strength	1.962644721
wavelet-LHH	ngtdm	Contrast	0.144521281
wavelet-LHH	ngtdm	Busyness	0.241052852
wavelet-LLH	gldm	GrayLevelVariance	45.09675592
wavelet-LLH	gldm	HighGrayLevelEmphasis	772.0140351
wavelet-LLH	gldm	DependenceEntropy	5.953313856
wavelet-LLH	gldm	DependenceNonUniformity	96.34035088
wavelet-LLH	gldm	GrayLevelNonUniformity	13.49824561
wavelet-LLH	gldm	SmallDependenceEmphasis	0.533109162
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	427.5588567
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.338036319
wavelet-LLH	gldm	LargeDependenceEmphasis	4.333333333
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.012340904
wavelet-LLH	gldm	DependenceVariance	0.861975993
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3127.003509
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004541735
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.005610045
wavelet-LLH	glcm	JointAverage	26.67191576
wavelet-LLH	glcm	SumAverage	53.34383151
wavelet-LLH	glcm	JointEntropy	7.770199942
wavelet-LLH	glcm	ClusterShade	-233.4436327
wavelet-LLH	glcm	MaximumProbability	0.014042865
wavelet-LLH	glcm	Idmn	0.965558988
wavelet-LLH	glcm	JointEnergy	0.005330908
wavelet-LLH	glcm	Contrast	74.0860365
wavelet-LLH	glcm	DifferenceEntropy	3.966985322
wavelet-LLH	glcm	InverseVariance	0.156436582
wavelet-LLH	glcm	DifferenceVariance	29.36249582
wavelet-LLH	glcm	Idn	0.878230743
wavelet-LLH	glcm	Idm	0.147276592
wavelet-LLH	glcm	Correlation	0.114890649
wavelet-LLH	glcm	Autocorrelation	716.7516241
wavelet-LLH	glcm	SumEntropy	5.040760552
wavelet-LLH	glcm	SumSquares	42.38414185
wavelet-LLH	glcm	ClusterProminence	35196.87115
wavelet-LLH	glcm	Imc2	0.97016921
wavelet-LLH	glcm	Imc1	-0.312701507
wavelet-LLH	glcm	DifferenceAverage	6.510311134
wavelet-LLH	glcm	Id	0.238281888
wavelet-LLH	glcm	ClusterTendency	95.45053088
wavelet-LLH	firstorder	InterquartileRange	232.0559317
wavelet-LLH	firstorder	Skewness	-0.559773212
wavelet-LLH	firstorder	Uniformity	0.047362265
wavelet-LLH	firstorder	Median	-14.97380405
wavelet-LLH	firstorder	Energy	8115403.694
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	88.22683209
wavelet-LLH	firstorder	MeanAbsoluteDeviation	129.8230202
wavelet-LLH	firstorder	TotalEnergy	219115899.7
wavelet-LLH	firstorder	Maximum	381.3607272
wavelet-LLH	firstorder	RootMeanSquared	168.7456686
wavelet-LLH	firstorder	90Percentile	175.0807467
wavelet-LLH	firstorder	Minimum	-669.2314008
wavelet-LLH	firstorder	Entropy	4.646273683

wavelet-LLH	firstorder	Range	1050.592128
wavelet-LLH	firstorder	Variance	28279.66221
wavelet-LLH	firstorder	10Percentile	-211.4003213
wavelet-LLH	firstorder	Kurtosis	3.967095986
wavelet-LLH	firstorder	Mean	-13.97993101
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.00567633
wavelet-LLH	glrlm	GrayLevelVariance	45.59336099
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.005730848
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.04705889
wavelet-LLH	glrlm	RunVariance	0.035988841
wavelet-LLH	glrlm	GrayLevelNonUniformity	12.96648255
wavelet-LLH	glrlm	LongRunEmphasis	1.107306089
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	755.8010163
wavelet-LLH	glrlm	RunLengthNonUniformity	258.1516201
wavelet-LLH	glrlm	ShortRunEmphasis	0.974781613
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	851.3426416
wavelet-LLH	glrlm	RunPercentage	0.966801619
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005958502
wavelet-LLH	glrlm	RunEntropy	4.801782669
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	773.8476667
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.936147108
wavelet-LLH	glszm	GrayLevelVariance	52.69042789
wavelet-LLH	glszm	ZoneVariance	1.381167879
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.044287007
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.495646203
wavelet-LLH	glszm	SizeZoneNonUniformity	88.72067039
wavelet-LLH	glszm	GrayLevelNonUniformity	7.927374302
wavelet-LLH	glszm	LargeAreaEmphasis	3.916201117
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	591.8115864
wavelet-LLH	glszm	ZonePercentage	0.628070175
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.013361297
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2860.335196
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	796.547486
wavelet-LLH	glszm	SmallAreaEmphasis	0.73057025
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.007640958
wavelet-LLH	glszm	ZoneEntropy	5.749003432
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.006959894
wavelet-LLH	ngtdm	Coarseness	0.021355888
wavelet-LLH	ngtdm	Complexity	2237.846707
wavelet-LLH	ngtdm	Strength	8.724039771
wavelet-LLH	ngtdm	Contrast	0.353888587
wavelet-LLH	ngtdm	Busyness	0.050738598
wavelet-LLL	gldm	GrayLevelVariance	369.7403016
wavelet-LLL	gldm	HighGrayLevelEmphasis	2248.126316
wavelet-LLL	gldm	DependenceEntropy	6.493174822
wavelet-LLL	gldm	DependenceNonUniformity	173.7859649
wavelet-LLL	gldm	GrayLevelNonUniformity	4.915789474
wavelet-LLL	gldm	SmallDependenceEmphasis	0.80662768
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1618.887524
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.609775315
wavelet-LLL	gldm	LargeDependenceEmphasis	1.898245614
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006823953
wavelet-LLL	gldm	DependenceVariance	0.25804863
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5112.512281
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006093561

wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006228722
wavelet-LLL	glcm	JointAverage	47.31158591
wavelet-LLL	glcm	SumAverage	94.62317182
wavelet-LLL	glcm	JointEntropy	8.38493142
wavelet-LLL	glcm	ClusterShade	1637.986156
wavelet-LLL	glcm	MaximumProbability	0.006722081
wavelet-LLL	glcm	Idmn	0.953887346
wavelet-LLL	glcm	JointEnergy	0.003113054
wavelet-LLL	glcm	Contrast	361.4249863
wavelet-LLL	glcm	DifferenceEntropy	5.015720547
wavelet-LLL	glcm	InverseVariance	0.064199432
wavelet-LLL	glcm	DifferenceVariance	114.0669963
wavelet-LLL	glcm	Idn	0.85487105
wavelet-LLL	glcm	Idm	0.058390315
wavelet-LLL	glcm	Correlation	0.487989676
wavelet-LLL	glcm	Autocorrelation	2406.291563
wavelet-LLL	glcm	SumEntropy	6.393090926
wavelet-LLL	glcm	SumSquares	347.9420573
wavelet-LLL	glcm	ClusterProminence	2501994.759
wavelet-LLL	glcm	Imc2	0.999548302
wavelet-LLL	glcm	Imc1	-0.593345973
wavelet-LLL	glcm	DifferenceAverage	15.29047522
wavelet-LLL	glcm	Id	0.127204072
wavelet-LLL	glcm	ClusterTendency	1030.343243
wavelet-LLL	firstorder	InterquartileRange	684.4624862
wavelet-LLL	firstorder	Skewness	0.12713916
wavelet-LLL	firstorder	Uniformity	0.017248384
wavelet-LLL	firstorder	Median	-952.8497841
wavelet-LLL	firstorder	Energy	311499333.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	292.2934177
wavelet-LLL	firstorder	MeanAbsoluteDeviation	395.6140697
wavelet-LLL	firstorder	TotalEnergy	8410482002
wavelet-LLL	firstorder	Maximum	56.21531538
wavelet-LLL	firstorder	RootMeanSquared	1045.456894
wavelet-LLL	firstorder	90Percentile	-223.3856374
wavelet-LLL	firstorder	Minimum	-1997.106101
wavelet-LLL	firstorder	Entropy	6.040680746
wavelet-LLL	firstorder	Range	2053.321416
wavelet-LLL	firstorder	Variance	231016.8375
wavelet-LLL	firstorder	10Percentile	-1523.014538
wavelet-LLL	firstorder	Kurtosis	2.235902001
wavelet-LLL	firstorder	Mean	-928.4197756
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.00628396
wavelet-LLL	glrlm	GrayLevelVariance	369.425701
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.006289543
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017237264
wavelet-LLL	glrlm	RunVariance	0.010793439
wavelet-LLL	glrlm	GrayLevelNonUniformity	4.859558122
wavelet-LLL	glrlm	LongRunEmphasis	1.032879852
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2211.12221
wavelet-LLL	glrlm	RunLengthNonUniformity	275.8625565
wavelet-LLL	glrlm	ShortRunEmphasis	0.991780037
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2343.215338
wavelet-LLL	glrlm	RunPercentage	0.989203779
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.006311878



wavelet-LLL	glrlm	RunEntropy	6.075279725
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2237.540835
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.978413122
wavelet-LLL	glszm	GrayLevelVariance	359.4165123
wavelet-LLL	glszm	ZoneVariance	0.162566179
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.017259749
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.758658559
wavelet-LLL	glszm	SizeZoneNonUniformity	187.388664
wavelet-LLL	glszm	GrayLevelNonUniformity	4.263157895
wavelet-LLL	glszm	LargeAreaEmphasis	1.493927126
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1746.030589
wavelet-LLL	glszm	ZonePercentage	0.866666667
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007409685
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3721.838057
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2088.898785
wavelet-LLL	glszm	SmallAreaEmphasis	0.894511921
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007081432
wavelet-LLL	glszm	ZoneEntropy	6.369182771
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007005807
wavelet-LLL	ngtdm	Coarseness	0.023307596
wavelet-LLL	ngtdm	Complexity	21864.09242
wavelet-LLL	ngtdm	Strength	51.51057859
wavelet-LLL	ngtdm	Contrast	1.189356282
wavelet-LLL	ngtdm	Busyness	0.015718872
wavelet-HHL	gldm	GrayLevelVariance	5.414022776
wavelet-HHL	gldm	HighGrayLevelEmphasis	62.1122807
wavelet-HHL	gldm	DependenceEntropy	5.374824616
wavelet-HHL	gldm	DependenceNonUniformity	46.65614035
wavelet-HHL	gldm	GrayLevelNonUniformity	36.97192982
wavelet-HHL	gldm	SmallDependenceEmphasis	0.265345478
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	17.62440774
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.163705756
wavelet-HHL	gldm	LargeDependenceEmphasis	14.60701754
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.295830097
wavelet-HHL	gldm	DependenceVariance	3.425620191
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	860.9192982
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013222087
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.029540894
wavelet-HHL	glcm	JointAverage	7.552644758
wavelet-HHL	glcm	SumAverage	15.10528952
wavelet-HHL	glcm	JointEntropy	5.989764239
wavelet-HHL	glcm	ClusterShade	-0.318262284
wavelet-HHL	glcm	MaximumProbability	0.055139337
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wavelet-HHL	glcm	JointEnergy	0.021387061
wavelet-HHL	glcm	Contrast	9.76616641
wavelet-HHL	glcm	DifferenceEntropy	2.774115609
wavelet-HHL	glcm	InverseVariance	0.334756252
wavelet-HHL	glcm	DifferenceVariance	3.828035478
wavelet-HHL	glcm	Idn	0.864081959
wavelet-HHL	glcm	Idm	0.334422723
wavelet-HHL	glcm	Correlation	0.010668547
wavelet-HHL	glcm	Autocorrelation	57.10605263
wavelet-HHL	glcm	SumEntropy	3.613466505
wavelet-HHL	glcm	SumSquares	4.943181996

wavelet-HHL	glcm	ClusterProminence	316.1936066
wavelet-HHL	glcm	Imc2	0.68973068
wavelet-HHL	glcm	Imc1	-0.103367701
wavelet-HHL	glcm	DifferenceAverage	2.41796581
wavelet-HHL	glcm	Id	0.415726795
wavelet-HHL	glcm	ClusterTendency	10.00656158
wavelet-HHL	firstorder	InterquartileRange	71.90877427
wavelet-HHL	firstorder	Skewness	0.084535505
wavelet-HHL	firstorder	Uniformity	0.12972607
wavelet-HHL	firstorder	Median	-1.724580135
wavelet-HHL	firstorder	Energy	954285.1377
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	30.44362679
wavelet-HHL	firstorder	MeanAbsoluteDeviation	45.20712242
wavelet-HHL	firstorder	TotalEnergy	25765698.72
wavelet-HHL	firstorder	Maximum	160.8234464
wavelet-HHL	firstorder	RootMeanSquared	57.86509228
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wavelet-HHL	firstorder	Minimum	-153.1352332
wavelet-HHL	firstorder	Entropy	3.226286451
wavelet-HHL	firstorder	Range	313.9586796
wavelet-HHL	firstorder	Variance	3347.960248
wavelet-HHL	firstorder	10Percentile	-75.89017513
wavelet-HHL	firstorder	Kurtosis	3.00192207
wavelet-HHL	firstorder	Mean	0.639262181
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.029031469
wavelet-HHL	glrlm	GrayLevelVariance	5.71925764
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.030457433
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.123686651
wavelet-HHL	glrlm	RunVariance	0.103511293
wavelet-HHL	glrlm	GrayLevelNonUniformity	32.0722713
wavelet-HHL	glrlm	LongRunEmphasis	1.312754421
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	58.15723134
wavelet-HHL	glrlm	RunLengthNonUniformity	215.8353309
wavelet-HHL	glrlm	ShortRunEmphasis	0.929791635
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	80.92726084
wavelet-HHL	glrlm	RunPercentage	0.909851552
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.036818079
wavelet-HHL	glrlm	RunEntropy	3.682517208
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	62.36318772
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.831818195
wavelet-HHL	glszm	GrayLevelVariance	11.15121882
wavelet-HHL	glszm	ZoneVariance	69.28613946
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.108843537
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.387188209
wavelet-HHL	glszm	SizeZoneNonUniformity	32.52380952
wavelet-HHL	glszm	GrayLevelNonUniformity	9.142857143
wavelet-HHL	glszm	LargeAreaEmphasis	80.79761905
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	44.42300888
wavelet-HHL	glszm	ZonePercentage	0.294736842
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.636365398
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	4368.97619
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	68.29761905
wavelet-HHL	glszm	SmallAreaEmphasis	0.64401499
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.048493496
wavelet-HHL	glszm	ZoneEntropy	4.738661215

wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.038463656
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wavelet-HLH	gldm	GrayLevelVariance	20.82248076
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.247522315
wavelet-HLH	gldm	LargeDependenceEmphasis	8.29122807
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.04222517
wavelet-HLH	gldm	DependenceVariance	2.514373653
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wavelet-HLH	glcm	JointAverage	15.21608868
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wavelet-HLH	glcm	JointEnergy	0.00841722
wavelet-HLH	glcm	Contrast	41.14914448
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wavelet-HLH	glcm	InverseVariance	0.215830917
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wavelet-HLH	glcm	DifferenceAverage	4.795313816
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wavelet-HLH	glcm	ClusterTendency	40.09840584
wavelet-HLH	firstorder	InterquartileRange	137.3748175
wavelet-HLH	firstorder	Skewness	-0.012016879
wavelet-HLH	firstorder	Uniformity	0.071221914
wavelet-HLH	firstorder	Median	0.296960006
wavelet-HLH	firstorder	Energy	3701226.675
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	55.95900397
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wavelet-HLH	firstorder	TotalEnergy	99933120.24
wavelet-HLH	firstorder	Maximum	403.2767336
wavelet-HLH	firstorder	RootMeanSquared	113.9594676
wavelet-HLH	firstorder	90Percentile	134.2884436
wavelet-HLH	firstorder	Minimum	-365.1235121

wavelet-HLH	firstorder	Entropy	4.135552628
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wavelet-HLH	firstorder	Kurtosis	3.816593781
wavelet-HLH	firstorder	Mean	-5.41832383
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011017334
wavelet-HLH	glrlm	GrayLevelVariance	21.62315583
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.011206632
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.069139925
wavelet-HLH	glrlm	RunVariance	0.064252968
wavelet-HLH	glrlm	GrayLevelNonUniformity	18.65080071
wavelet-HLH	glrlm	LongRunEmphasis	1.185797549
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	244.3866397
wavelet-HLH	glrlm	RunLengthNonUniformity	243.2305175
wavelet-HLH	glrlm	ShortRunEmphasis	0.959386834
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	301.8080599
wavelet-HLH	glrlm	RunPercentage	0.946018893
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.012052207
wavelet-HLH	glrlm	RunEntropy	4.411501867
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	254.6190226
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.900410202
wavelet-HLH	glszm	GrayLevelVariance	31.894239
wavelet-HLH	glszm	ZoneVariance	4.965542093
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.052475114
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wavelet-HLH	glszm	SizeZoneNonUniformity	73.81879195
wavelet-HLH	glszm	GrayLevelNonUniformity	7.818791946
wavelet-HLH	glszm	LargeAreaEmphasis	8.624161074
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	202.0415007
wavelet-HLH	glszm	ZonePercentage	0.522807018
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.049263078
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2232.114094
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	263.7919463
wavelet-HLH	glszm	SmallAreaEmphasis	0.72982688
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.016221063
wavelet-HLH	glszm	ZoneEntropy	5.565518796
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014646756
wavelet-HLH	ngtdm	Coarseness	0.022346515
wavelet-HLH	ngtdm	Complexity	1080.234428
wavelet-HLH	ngtdm	Strength	5.182415542
wavelet-HLH	ngtdm	Contrast	0.194862901
wavelet-HLH	ngtdm	Busyness	0.094999376

Image type	Feature Class	Feature Name	
general	info	BoundingBox	502: RTSTRUCT: C99-DNU_segment_GTV_LUL (0, 0, 1, 8, 7, 6)
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
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original	shape	SurfaceVolumeRatio	0.357687088
original	shape	Volume	3753
original	shape	MajorAxis	20.02158208
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original	shape	Flatness	0.754797767
original	shape	LeastAxis	15.11224544
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original	shape	Maximum2DDiameterRow	18.97366596
original	gldm	GrayLevelVariance	68.6307127
original	gldm	HighGrayLevelEmphasis	591.6906475
original	gldm	DependenceEntropy	5.622161443
original	gldm	DependenceNonUniformity	46.20863309
original	gldm	GrayLevelNonUniformity	7.273381295
original	gldm	SmallDependenceEmphasis	0.59388715
original	gldm	SmallDependenceHighGrayLevelEmphasis	261.9389633
original	gldm	DependenceNonUniformityNormalized	0.332436209
original	gldm	LargeDependenceEmphasis	11.79136691
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.024194533
original	gldm	DependenceVariance	5.702189328
original	gldm	LargeDependenceHighGrayLevelEmphasis	11206.97122
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011507858
original	gldm	LowGrayLevelEmphasis	0.012200866
original	glcm	JointAverage	24.81735347
original	glcm	SumAverage	49.63470695
original	glcm	JointEntropy	6.742173297

original	glcm	ClusterShade	-978.5442388
original	glcm	MaximumProbability	0.05066662
original	glcm	Idmn	0.934705247
original	glcm	JointEnergy	0.012752145
original	glcm	Contrast	93.50943944
original	glcm	DifferenceEntropy	4.106394905
original	glcm	InverseVariance	0.167928538
original	glcm	DifferenceVariance	40.44155382
original	glcm	Idn	0.842588786
original	glcm	Idm	0.185825259
original	glcm	Correlation	0.23889078
original	glcm	Autocorrelation	631.1821992
original	glcm	SumEntropy	4.883458019
original	glcm	SumSquares	61.85345152
original	glcm	ClusterProminence	54341.68924
original	glcm	Imc2	0.988372483
original	glcm	Imc1	-0.43835587
original	glcm	DifferenceAverage	7.240499558
original	glcm	Id	0.264149516
original	glcm	ClusterTendency	153.9043667
original	firstorder	InterquartileRange	353
original	firstorder	Skewness	-0.460913951
original	firstorder	Uniformity	0.053568656
original	firstorder	Median	-173
original	firstorder	Energy	12436572
original	firstorder	RobustMeanAbsoluteDeviation	149.3520408
original	firstorder	MeanAbsoluteDeviation	182.5525594
original	firstorder	TotalEnergy	335787444
original	firstorder	Maximum	50
original	firstorder	RootMeanSquared	299.1182726
original	firstorder	90Percentile	24
original	firstorder	Minimum	-766
original	firstorder	Entropy	4.528111152
original	firstorder	Range	816
original	firstorder	Variance	42766.00114
original	firstorder	10Percentile	-484.4
original	firstorder	Kurtosis	2.139035965
original	firstorder	Mean	-216.1151079
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01280578
original	glrlm	GrayLevelVariance	67.98024375
original	glrlm	LowGrayLevelRunEmphasis	0.012859617
original	glrlm	GrayLevelNonUniformityNormalized	0.047994821
original	glrlm	RunVariance	0.071853572
original	glrlm	GrayLevelNonUniformity	6.298149574
original	glrlm	LongRunEmphasis	1.19665256
original	glrlm	ShortRunHighGrayLevelEmphasis	533.1829762
original	glrlm	RunLengthNonUniformity	117.8854216
original	glrlm	ShortRunEmphasis	0.958926986
original	glrlm	LongRunHighGrayLevelEmphasis	756.1961937
original	glrlm	RunPercentage	0.94355285
original	glrlm	LongRunLowGrayLevelEmphasis	0.013106257
original	glrlm	RunEntropy	4.801854395
original	glrlm	HighGrayLevelRunEmphasis	571.0892778
original	glrlm	RunLengthNonUniformityNormalized	0.8982664
original	glszm	GrayLevelVariance	59.55102041

original	glszm	ZoneVariance	4.271223282
original	glszm	GrayLevelNonUniformityNormalized	0.041420118
original	glszm	SizeZoneNonUniformityNormalized	0.677092139
original	glszm	SizeZoneNonUniformity	61.61538462
original	glszm	GrayLevelNonUniformity	3.769230769
original	glszm	LargeAreaEmphasis	6.604395604
original	glszm	SmallAreaHighGrayLevelEmphasis	358.3435003
original	glszm	ZonePercentage	0.654676259
original	glszm	LargeAreaLowGrayLevelEmphasis	0.024229575
original	glszm	LargeAreaHighGrayLevelEmphasis	5952.450549
original	glszm	HighGrayLevelZoneEmphasis	453.8571429
original	glszm	SmallAreaEmphasis	0.847336559
original	glszm	LowGrayLevelZoneEmphasis	0.017812493
original	glszm	ZoneEntropy	5.225725514
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017450459
original	ngtdm	Coarseness	0.030042399
original	ngtdm	Complexity	2149.631067
original	ngtdm	Strength	13.81179231
original	ngtdm	Contrast	0.816503748
original	ngtdm	Busyness	0.043378908
wavelet-HHH	gldm	GrayLevelVariance	13.57724755
wavelet-HHH	gldm	HighGrayLevelEmphasis	198.6546763
wavelet-HHH	gldm	DependenceEntropy	5.57319861
wavelet-HHH	gldm	DependenceNonUniformity	28.55395683
wavelet-HHH	gldm	GrayLevelNonUniformity	12.49640288
wavelet-HHH	gldm	SmallDependenceEmphasis	0.384703054
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	81.23109431
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.20542415
wavelet-HHH	gldm	LargeDependenceEmphasis	9.978417266
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.070364061
wavelet-HHH	gldm	DependenceVariance	2.622224523
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1768.582734
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010839343
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.014493721
wavelet-HHH	glcm	JointAverage	13.55340034
wavelet-HHH	glcm	SumAverage	27.10680067
wavelet-HHH	glcm	JointEntropy	6.440952788
wavelet-HHH	glcm	ClusterShade	-22.38090679
wavelet-HHH	glcm	MaximumProbability	0.04046747
wavelet-HHH	glcm	Idmn	0.956769173
wavelet-HHH	glcm	JointEnergy	0.014177883
wavelet-HHH	glcm	Contrast	26.67498106
wavelet-HHH	glcm	DifferenceEntropy	3.353471491
wavelet-HHH	glcm	InverseVariance	0.235046989
wavelet-HHH	glcm	DifferenceVariance	11.09132895
wavelet-HHH	glcm	Idn	0.866164214
wavelet-HHH	glcm	Idm	0.242530365
wavelet-HHH	glcm	Correlation	-0.042181815
wavelet-HHH	glcm	Autocorrelation	183.1800423
wavelet-HHH	glcm	SumEntropy	4.079983543
wavelet-HHH	glcm	SumSquares	12.81106056
wavelet-HHH	glcm	ClusterProminence	2262.478727
wavelet-HHH	glcm	Imc2	0.928077585
wavelet-HHH	glcm	Imc1	-0.268025092
wavelet-HHH	glcm	DifferenceAverage	3.924737204

wavelet-HHH	glcm	Id	0.332620016
wavelet-HHH	glcm	ClusterTendency	24.56926119
wavelet-HHH	firstorder	InterquartileRange	118.8039488
wavelet-HHH	firstorder	Skewness	-0.308456916
wavelet-HHH	firstorder	Uniformity	0.089902179
wavelet-HHH	firstorder	Median	7.995267163
wavelet-HHH	firstorder	Energy	1198217.506
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	46.90875385
wavelet-HHH	firstorder	MeanAbsoluteDeviation	71.59932453
wavelet-HHH	firstorder	TotalEnergy	32351872.65
wavelet-HHH	firstorder	Maximum	240.765582
wavelet-HHH	firstorder	RootMeanSquared	92.8454082
wavelet-HHH	firstorder	90Percentile	121.7597063
wavelet-HHH	firstorder	Minimum	-319.0299667
wavelet-HHH	firstorder	Entropy	3.772231241
wavelet-HHH	firstorder	Range	559.7955487
wavelet-HHH	firstorder	Variance	8617.407666
wavelet-HHH	firstorder	10Percentile	-106.9747467
wavelet-HHH	firstorder	Kurtosis	3.700094243
wavelet-HHH	firstorder	Mean	1.691791264
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014787697
wavelet-HHH	glrlm	GrayLevelVariance	14.21817609
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.015092102
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.086992715
wavelet-HHH	glrlm	RunVariance	0.078780959
wavelet-HHH	glrlm	GrayLevelNonUniformity	11.29955573
wavelet-HHH	glrlm	LongRunEmphasis	1.227207999
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	190.8325424
wavelet-HHH	glrlm	RunLengthNonUniformity	114.0928202
wavelet-HHH	glrlm	ShortRunEmphasis	0.950011434
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	240.8176537
wavelet-HHH	glrlm	RunPercentage	0.934144992
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.016479885
wavelet-HHH	glrlm	RunEntropy	4.081772411
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	199.9215325
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.877576849
wavelet-HHH	glszm	GrayLevelVariance	24.12201021
wavelet-HHH	glszm	ZoneVariance	7.479709755
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.064230046
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.457135179
wavelet-HHH	glszm	SizeZoneNonUniformity	27.8852459
wavelet-HHH	glszm	GrayLevelNonUniformity	3.918032787
wavelet-HHH	glszm	LargeAreaEmphasis	12.67213115
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	150.0104307
wavelet-HHH	glszm	ZonePercentage	0.438848921
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.093748016
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2368.04918
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	211.0491803
wavelet-HHH	glszm	SmallAreaEmphasis	0.701349186
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.025435491
wavelet-HHH	glszm	ZoneEntropy	5.080338928
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023677964
wavelet-HHH	ngtdm	Coarseness	0.039153364
wavelet-HHH	ngtdm	Complexity	473.9074441
wavelet-HHH	ngtdm	Strength	4.98351925



wavelet-HHH	ngtdm	Contrast	0.21704954
wavelet-HHH	ngtdm	Busyness	0.093439542
wavelet-HLL	gldm	GrayLevelVariance	61.36245536
wavelet-HLL	gldm	HighGrayLevelEmphasis	320.8273381
wavelet-HLL	gldm	DependenceEntropy	5.851472976
wavelet-HLL	gldm	DependenceNonUniformity	45.30215827
wavelet-HLL	gldm	GrayLevelNonUniformity	6.611510791
wavelet-HLL	gldm	SmallDependenceEmphasis	0.556078576
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	195.3329868
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.325914808
wavelet-HLL	gldm	LargeDependenceEmphasis	5.431654676
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046157062
wavelet-HLL	gldm	DependenceVariance	1.574245639
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1360.453237
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013248403
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.016287765
wavelet-HLL	glcm	JointAverage	15.5334962
wavelet-HLL	glcm	SumAverage	31.0669924
wavelet-HLL	glcm	JointEntropy	7.050682937
wavelet-HLL	glcm	ClusterShade	1442.808569
wavelet-HLL	glcm	MaximumProbability	0.024295099
wavelet-HLL	glcm	Idmn	0.958716973
wavelet-HLL	glcm	JointEnergy	0.008531976
wavelet-HLL	glcm	Contrast	61.38641656
wavelet-HLL	glcm	DifferenceEntropy	3.8127049
wavelet-HLL	glcm	InverseVariance	0.179246177
wavelet-HLL	glcm	DifferenceVariance	23.65595757
wavelet-HLL	glcm	Idn	0.867398003
wavelet-HLL	glcm	Idm	0.164699812
wavelet-HLL	glcm	Correlation	0.431851672
wavelet-HLL	glcm	Autocorrelation	266.4252939
wavelet-HLL	glcm	SumEntropy	5.060013679
wavelet-HLL	glcm	SumSquares	55.627812
wavelet-HLL	glcm	ClusterProminence	73096.58896
wavelet-HLL	glcm	Imc2	0.991927639
wavelet-HLL	glcm	Imc1	-0.45487092
wavelet-HLL	glcm	DifferenceAverage	6.03638716
wavelet-HLL	glcm	Id	0.253853982
wavelet-HLL	glcm	ClusterTendency	161.1248314
wavelet-HLL	firstorder	InterquartileRange	316.8487539
wavelet-HLL	firstorder	Skewness	0.510296566
wavelet-HLL	firstorder	Uniformity	0.047564826
wavelet-HLL	firstorder	Median	-71.49733479
wavelet-HLL	firstorder	Energy	5550852.756
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	118.2675375
wavelet-HLL	firstorder	MeanAbsoluteDeviation	162.1392625
wavelet-HLL	firstorder	TotalEnergy	149873024.4
wavelet-HLL	firstorder	Maximum	457.6282812
wavelet-HLL	firstorder	RootMeanSquared	199.8354135
wavelet-HLL	firstorder	90Percentile	249.302902
wavelet-HLL	firstorder	Minimum	-411.0795453
wavelet-HLL	firstorder	Entropy	4.668668506
wavelet-HLL	firstorder	Range	868.7078265
wavelet-HLL	firstorder	Variance	38761.62087
wavelet-HLL	firstorder	10Percentile	-259.4207336

wavelet-HLL	firstorder	Kurtosis	2.393037255
wavelet-HLL	firstorder	Mean	-34.24283308
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016473502
wavelet-HLL	glrlm	GrayLevelVariance	62.33967586
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.016658526
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046186446
wavelet-HLL	glrlm	RunVariance	0.041653369
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.182079018
wavelet-HLL	glrlm	LongRunEmphasis	1.121610949
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	316.1351725
wavelet-HLL	glrlm	RunLengthNonUniformity	124.5850906
wavelet-HLL	glrlm	ShortRunEmphasis	0.972203072
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	353.7244609
wavelet-HLL	glrlm	RunPercentage	0.96292197
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.017493156
wavelet-HLL	glrlm	RunEntropy	4.823864904
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	323.4089792
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.930029548
wavelet-HLL	glszm	GrayLevelVariance	73.80358988
wavelet-HLL	glszm	ZoneVariance	2.107308884
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.039256198
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.556818182
wavelet-HLL	glszm	SizeZoneNonUniformity	49
wavelet-HLL	glszm	GrayLevelNonUniformity	3.454545455
wavelet-HLL	glszm	LargeAreaEmphasis	4.602272727
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	278.9238889
wavelet-HLL	glszm	ZonePercentage	0.633093525
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.046655572
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1154.056818
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	352.4659091
wavelet-HLL	glszm	SmallAreaEmphasis	0.773933081
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021706597
wavelet-HLL	glszm	ZoneEntropy	5.440695931
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020173853
wavelet-HLL	ngtdm	Coarseness	0.046019621
wavelet-HLL	ngtdm	Complexity	1762.254856
wavelet-HLL	ngtdm	Strength	19.33878788
wavelet-HLL	ngtdm	Contrast	0.478692962
wavelet-HLL	ngtdm	Busyness	0.051908483
wavelet-LHL	gldm	GrayLevelVariance	84.62170695
wavelet-LHL	gldm	HighGrayLevelEmphasis	810.1294964
wavelet-LHL	gldm	DependenceEntropy	5.737736491
wavelet-LHL	gldm	DependenceNonUniformity	60.68345324
wavelet-LHL	gldm	GrayLevelNonUniformity	5.489208633
wavelet-LHL	gldm	SmallDependenceEmphasis	0.684466427
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	603.5635931
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.436571606
wavelet-LHL	gldm	LargeDependenceEmphasis	3.935251799
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015638919
wavelet-LHL	gldm	DependenceVariance	1.125407588
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2485.827338
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008537589
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.009202339
wavelet-LHL	glcm	JointAverage	26.31484114
wavelet-LHL	glcm	SumAverage	52.62968227

wavelet-LHL	glcm	JointEntropy	7.192084013
wavelet-LHL	glcm	ClusterShade	1828.648644
wavelet-LHL	glcm	MaximumProbability	0.018574555
wavelet-LHL	glcm	Idmn	0.964620938
wavelet-LHL	glcm	JointEnergy	0.007400427
wavelet-LHL	glcm	Contrast	111.7318927
wavelet-LHL	glcm	DifferenceEntropy	4.167441458
wavelet-LHL	glcm	InverseVariance	0.134896338
wavelet-LHL	glcm	DifferenceVariance	41.24690632
wavelet-LHL	glcm	Idn	0.876343947
wavelet-LHL	glcm	Idm	0.122958347
wavelet-LHL	glcm	Correlation	0.266233534
wavelet-LHL	glcm	Autocorrelation	714.3764562
wavelet-LHL	glcm	SumEntropy	5.171419673
wavelet-LHL	glcm	SumSquares	77.66107851
wavelet-LHL	glcm	ClusterProminence	140209.594
wavelet-LHL	glcm	Imc2	0.995692345
wavelet-LHL	glcm	Imc1	-0.499171958
wavelet-LHL	glcm	DifferenceAverage	8.148939347
wavelet-LHL	glcm	Id	0.209136811
wavelet-LHL	glcm	ClusterTendency	198.9124214
wavelet-LHL	firstorder	InterquartileRange	293.1778961
wavelet-LHL	firstorder	Skewness	0.407179435
wavelet-LHL	firstorder	Uniformity	0.03949071
wavelet-LHL	firstorder	Median	-43.4805139
wavelet-LHL	firstorder	Energy	7335793.802
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	120.3796016
wavelet-LHL	firstorder	MeanAbsoluteDeviation	179.5351859
wavelet-LHL	firstorder	TotalEnergy	198066432.6
wavelet-LHL	firstorder	Maximum	627.184419
wavelet-LHL	firstorder	RootMeanSquared	229.7291775
wavelet-LHL	firstorder	90Percentile	291.3486844
wavelet-LHL	firstorder	Minimum	-654.4678538
wavelet-LHL	firstorder	Entropy	4.922637964
wavelet-LHL	firstorder	Range	1281.652273
wavelet-LHL	firstorder	Variance	52572.78529
wavelet-LHL	firstorder	10Percentile	-237.4358067
wavelet-LHL	firstorder	Kurtosis	3.338994981
wavelet-LHL	firstorder	Mean	-14.2376151
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.00935138
wavelet-LHL	glrlm	GrayLevelVariance	85.73920245
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.009392879
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038854226
wavelet-LHL	glrlm	RunVariance	0.028282657
wavelet-LHL	glrlm	GrayLevelNonUniformity	5.261254545
wavelet-LHL	glrlm	LongRunEmphasis	1.083243833
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	803.6727937
wavelet-LHL	glrlm	RunLengthNonUniformity	128.6955473
wavelet-LHL	glrlm	ShortRunEmphasis	0.980474379
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	865.5907837
wavelet-LHL	glrlm	RunPercentage	0.973990039
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.009571836
wavelet-LHL	glrlm	RunEntropy	5.032178412
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	815.6443648
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.95011376

wavelet-LHL	glszm	GrayLevelVariance	98.03174603
wavelet-LHL	glszm	ZoneVariance	0.828480726
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034195011
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.685623583
wavelet-LHL	glszm	SizeZoneNonUniformity	71.99047619
wavelet-LHL	glszm	GrayLevelNonUniformity	3.59047619
wavelet-LHL	glszm	LargeAreaEmphasis	2.580952381
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	761.5880952
wavelet-LHL	glszm	ZonePercentage	0.755395683
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.014884558
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1806.07619
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	863.4761905
wavelet-LHL	glszm	SmallAreaEmphasis	0.852906004
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.011503579
wavelet-LHL	glszm	ZoneEntropy	5.493169333
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011192012
wavelet-LHL	ngtdm	Coarseness	0.038001018
wavelet-LHL	ngtdm	Complexity	3679.603268
wavelet-LHL	ngtdm	Strength	24.48731826
wavelet-LHL	ngtdm	Contrast	0.66892904
wavelet-LHL	ngtdm	Busyness	0.032458353
wavelet-LHH	gldm	GrayLevelVariance	27.55923606
wavelet-LHH	gldm	HighGrayLevelEmphasis	209.5179856
wavelet-LHH	gldm	DependenceEntropy	5.60513071
wavelet-LHH	gldm	DependenceNonUniformity	39.58992806
wavelet-LHH	gldm	GrayLevelNonUniformity	8.841726619
wavelet-LHH	gldm	SmallDependenceEmphasis	0.50198479
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	115.461031
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.284819626
wavelet-LHH	gldm	LargeDependenceEmphasis	7.014388489
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.060021046
wavelet-LHH	gldm	DependenceVariance	2.136328347
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1270.035971
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016202337
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.019634576
wavelet-LHH	glcm	JointAverage	13.5719321
wavelet-LHH	glcm	SumAverage	27.1438642
wavelet-LHH	glcm	JointEntropy	6.858969846
wavelet-LHH	glcm	ClusterShade	114.125692
wavelet-LHH	glcm	MaximumProbability	0.024598342
wavelet-LHH	glcm	Idmn	0.955495696
wavelet-LHH	glcm	JointEnergy	0.009864422
wavelet-LHH	glcm	Contrast	54.21807151
wavelet-LHH	glcm	DifferenceEntropy	3.733309925
wavelet-LHH	glcm	InverseVariance	0.184744419
wavelet-LHH	glcm	DifferenceVariance	22.10062803
wavelet-LHH	glcm	Idn	0.863897078
wavelet-LHH	glcm	Idm	0.183454239
wavelet-LHH	glcm	Correlation	-0.032475534
wavelet-LHH	glcm	Autocorrelation	183.3455529
wavelet-LHH	glcm	SumEntropy	4.511915553
wavelet-LHH	glcm	SumSquares	26.23932895
wavelet-LHH	glcm	ClusterProminence	9879.755907
wavelet-LHH	glcm	Imc2	0.974046774
wavelet-LHH	glcm	Imc1	-0.358479759

wavelet-LHH	glcm	DifferenceAverage	5.575019506
wavelet-LHH	glcm	Id	0.272632339
wavelet-LHH	glcm	ClusterTendency	50.73924431
wavelet-LHH	firstorder	InterquartileRange	140.758373
wavelet-LHH	firstorder	Skewness	0.494208548
wavelet-LHH	firstorder	Uniformity	0.063609544
wavelet-LHH	firstorder	Median	-5.499026234
wavelet-LHH	firstorder	Energy	2414069.625
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	63.18112304
wavelet-LHH	firstorder	MeanAbsoluteDeviation	98.50380901
wavelet-LHH	firstorder	TotalEnergy	65179879.86
wavelet-LHH	firstorder	Maximum	474.5818351
wavelet-LHH	firstorder	RootMeanSquared	131.7854596
wavelet-LHH	firstorder	90Percentile	149.2065766
wavelet-LHH	firstorder	Minimum	-318.2064006
wavelet-LHH	firstorder	Entropy	4.232444071
wavelet-LHH	firstorder	Range	792.7882358
wavelet-LHH	firstorder	Variance	17367.40722
wavelet-LHH	firstorder	10Percentile	-156.7813233
wavelet-LHH	firstorder	Kurtosis	4.297188576
wavelet-LHH	firstorder	Mean	0.012344199
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020038322
wavelet-LHH	glrlm	GrayLevelVariance	28.5256882
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.02026675
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.062290966
wavelet-LHH	glrlm	RunVariance	0.059325474
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.257634861
wavelet-LHH	glrlm	LongRunEmphasis	1.161255374
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	204.7975514
wavelet-LHH	glrlm	RunLengthNonUniformity	121.5544821
wavelet-LHH	glrlm	ShortRunEmphasis	0.966343954
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	240.0521386
wavelet-LHH	glrlm	RunPercentage	0.953514112
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.021370553
wavelet-LHH	glrlm	RunEntropy	4.43963535
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	210.9269463
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.916244673
wavelet-LHH	glszm	GrayLevelVariance	41.24146771
wavelet-LHH	glszm	ZoneVariance	3.245954174
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.052074988
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.530523954
wavelet-LHH	glszm	SizeZoneNonUniformity	41.91139241
wavelet-LHH	glszm	GrayLevelNonUniformity	4.113924051
wavelet-LHH	glszm	LargeAreaEmphasis	6.341772152
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	178.486931
wavelet-LHH	glszm	ZonePercentage	0.568345324
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.064515481
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1188.21519
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	227.443038
wavelet-LHH	glszm	SmallAreaEmphasis	0.755021761
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.029300242
wavelet-LHH	glszm	ZoneEntropy	5.13125935
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.027612288
wavelet-LHH	ngtdm	Coarseness	0.042037664
wavelet-LHH	ngtdm	Complexity	1118.427546

wavelet-LHH	ngtdm	Strength	9.300162281
wavelet-LHH	ngtdm	Contrast	0.349743681
wavelet-LHH	ngtdm	Busyness	0.072249238
wavelet-LLH	gldm	GrayLevelVariance	40.53537602
wavelet-LLH	gldm	HighGrayLevelEmphasis	294.4676259
wavelet-LLH	gldm	DependenceEntropy	5.583894203
wavelet-LLH	gldm	DependenceNonUniformity	55.44604317
wavelet-LLH	gldm	GrayLevelNonUniformity	6.81294964
wavelet-LLH	gldm	SmallDependenceEmphasis	0.645809353
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	206.9063689
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.398892397
wavelet-LLH	gldm	LargeDependenceEmphasis	3.848920863
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032522815
wavelet-LLH	gldm	DependenceVariance	0.9417732
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	926.0359712
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012758561
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.015176334
wavelet-LLH	glcm	JointAverage	15.52990868
wavelet-LLH	glcm	SumAverage	31.05981735
wavelet-LLH	glcm	JointEntropy	7.077165654
wavelet-LLH	glcm	ClusterShade	271.4938214
wavelet-LLH	glcm	MaximumProbability	0.021045336
wavelet-LLH	glcm	Idmn	0.948220448
wavelet-LLH	glcm	JointEnergy	0.008254592
wavelet-LLH	glcm	Contrast	62.7991904
wavelet-LLH	glcm	DifferenceEntropy	3.833828529
wavelet-LLH	glcm	InverseVariance	0.163287647
wavelet-LLH	glcm	DifferenceVariance	22.7553858
wavelet-LLH	glcm	Idn	0.849296351
wavelet-LLH	glcm	Idm	0.142224054
wavelet-LLH	glcm	Correlation	0.147721386
wavelet-LLH	glcm	Autocorrelation	246.9851191
wavelet-LLH	glcm	SumEntropy	4.803309492
wavelet-LLH	glcm	SumSquares	37.15040549
wavelet-LLH	glcm	ClusterProminence	24018.62756
wavelet-LLH	glcm	Imc2	0.988648579
wavelet-LLH	glcm	Imc1	-0.425583965
wavelet-LLH	glcm	DifferenceAverage	6.234541527
wavelet-LLH	glcm	Id	0.234528596
wavelet-LLH	glcm	ClusterTendency	85.80243158
wavelet-LLH	firstorder	InterquartileRange	204.5731135
wavelet-LLH	firstorder	Skewness	0.226409706
wavelet-LLH	firstorder	Uniformity	0.049014026
wavelet-LLH	firstorder	Median	-62.69186869
wavelet-LLH	firstorder	Energy	3724061.226
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	90.94953446
wavelet-LLH	firstorder	MeanAbsoluteDeviation	129.2077661
wavelet-LLH	firstorder	TotalEnergy	100549653.1
wavelet-LLH	firstorder	Maximum	359.1560923
wavelet-LLH	firstorder	RootMeanSquared	163.6820313
wavelet-LLH	firstorder	90Percentile	172.7537353
wavelet-LLH	firstorder	Minimum	-406.38519
wavelet-LLH	firstorder	Entropy	4.592167234
wavelet-LLH	firstorder	Range	765.5412823
wavelet-LLH	firstorder	Variance	25204.59825

wavelet-LLH	firstorder	10Percentile	-231.7908983
wavelet-LLH	firstorder	Kurtosis	2.70071891
wavelet-LLH	firstorder	Mean	-39.83979331
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.015293666
wavelet-LLH	glrlm	GrayLevelVariance	41.22902085
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.015424173
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048265837
wavelet-LLH	glrlm	RunVariance	0.028226596
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.527682904
wavelet-LLH	glrlm	LongRunEmphasis	1.085072339
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	291.4599856
wavelet-LLH	glrlm	RunLengthNonUniformity	128.075203
wavelet-LLH	glrlm	ShortRunEmphasis	0.979365027
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	315.8186864
wavelet-LLH	glrlm	RunPercentage	0.972883232
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.015961189
wavelet-LLH	glrlm	RunEntropy	4.712950981
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	296.246129
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.946889637
wavelet-LLH	glszm	GrayLevelVariance	49.44352617
wavelet-LLH	glszm	ZoneVariance	1.230690746
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.042342618
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.653504744
wavelet-LLH	glszm	SizeZoneNonUniformity	64.6969697
wavelet-LLH	glszm	GrayLevelNonUniformity	4.191919192
wavelet-LLH	glszm	LargeAreaEmphasis	3.202020202
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	271.982033
wavelet-LLH	glszm	ZonePercentage	0.712230216
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.031998015
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	799.2424242
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	317.2121212
wavelet-LLH	glszm	SmallAreaEmphasis	0.834171491
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.018644447
wavelet-LLH	glszm	ZoneEntropy	5.357764989
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017400397
wavelet-LLH	ngtdm	Coarseness	0.0447769
wavelet-LLH	ngtdm	Complexity	1511.508838
wavelet-LLH	ngtdm	Strength	12.42429285
wavelet-LLH	ngtdm	Contrast	0.383688028
wavelet-LLH	ngtdm	Busyness	0.055724119
wavelet-LLL	gldm	GrayLevelVariance	393.3218777
wavelet-LLL	gldm	HighGrayLevelEmphasis	2238.611511
wavelet-LLL	gldm	DependenceEntropy	6.033810947
wavelet-LLL	gldm	DependenceNonUniformity	75.77697842
wavelet-LLL	gldm	GrayLevelNonUniformity	2.726618705
wavelet-LLL	gldm	SmallDependenceEmphasis	0.763389289
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1544.923261
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.545158118
wavelet-LLL	gldm	LargeDependenceEmphasis	2.26618705
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009927323
wavelet-LLL	gldm	DependenceVariance	0.378034263
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6491.446043
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008130277
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008470201
wavelet-LLL	glcm	JointAverage	48.67487258

wavelet-LLL	glcm	SumAverage	97.34974516
wavelet-LLL	glcm	JointEntropy	7.425164939
wavelet-LLL	glcm	ClusterShade	-1322.658753
wavelet-LLL	glcm	MaximumProbability	0.011209192
wavelet-LLL	glcm	Idmn	0.936463995
wavelet-LLL	glcm	JointEnergy	0.005948415
wavelet-LLL	glcm	Contrast	466.8719554
wavelet-LLL	glcm	DifferenceEntropy	4.969865737
wavelet-LLL	glcm	InverseVariance	0.056392178
wavelet-LLL	glcm	DifferenceVariance	146.940305
wavelet-LLL	glcm	Idn	0.831369775
wavelet-LLL	glcm	Idm	0.058056569
wavelet-LLL	glcm	Correlation	0.380183118
wavelet-LLL	glcm	Autocorrelation	2517.681615
wavelet-LLL	glcm	SumEntropy	5.896989154
wavelet-LLL	glcm	SumSquares	380.3456533
wavelet-LLL	glcm	ClusterProminence	2312811.052
wavelet-LLL	glcm	Imc2	0.999819547
wavelet-LLL	glcm	Imc1	-0.697657453
wavelet-LLL	glcm	DifferenceAverage	17.56092167
wavelet-LLL	glcm	Id	0.120530054
wavelet-LLL	glcm	ClusterTendency	1054.510658
wavelet-LLL	firstorder	InterquartileRange	778.0407519
wavelet-LLL	firstorder	Skewness	0.132670183
wavelet-LLL	firstorder	Uniformity	0.019615962
wavelet-LLL	firstorder	Median	-692.8060958
wavelet-LLL	firstorder	Energy	99987221.59
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	330.0690545
wavelet-LLL	firstorder	MeanAbsoluteDeviation	423.8517822
wavelet-LLL	firstorder	TotalEnergy	2699654983
wavelet-LLL	firstorder	Maximum	206.3070261
wavelet-LLL	firstorder	RootMeanSquared	848.1347354
wavelet-LLL	firstorder	90Percentile	57.60829707
wavelet-LLL	firstorder	Minimum	-1740.123131
wavelet-LLL	firstorder	Entropy	5.813457058
wavelet-LLL	firstorder	Range	1946.430158
wavelet-LLL	firstorder	Variance	244915.1051
wavelet-LLL	firstorder	10Percentile	-1297.995982
wavelet-LLL	firstorder	Kurtosis	1.971022195
wavelet-LLL	firstorder	Mean	-688.7796631
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008562465
wavelet-LLL	glrlm	GrayLevelVariance	389.4655641
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.008576435
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.019632515
wavelet-LLL	glrlm	RunVariance	0.01437798
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.689670968
wavelet-LLL	glrlm	LongRunEmphasis	1.044223175
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2189.16085
wavelet-LLL	glrlm	RunLengthNonUniformity	133.0980143
wavelet-LLL	glrlm	ShortRunEmphasis	0.988944206
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2365.839773
wavelet-LLL	glrlm	RunPercentage	0.985611511
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008632313
wavelet-LLL	glrlm	RunEntropy	5.838991665
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2224.496635



wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.971244041
wavelet-LLL	glszm	GrayLevelVariance	345.9473098
wavelet-LLL	glszm	ZoneVariance	0.227928062
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.020065398
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.7171522
wavelet-LLL	glszm	SizeZoneNonUniformity	83.18965517
wavelet-LLL	glszm	GrayLevelNonUniformity	2.327586207
wavelet-LLL	glszm	LargeAreaEmphasis	1.663793103
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1740.860153
wavelet-LLL	glszm	ZonePercentage	0.834532374
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.010733294
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4131.008621
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2096.215517
wavelet-LLL	glszm	SmallAreaEmphasis	0.8723659
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00987295
wavelet-LLL	glszm	ZoneEntropy	5.973770435
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009674688
wavelet-LLL	ngtdm	Coarseness	0.033170648
wavelet-LLL	ngtdm	Complexity	20082.14556
wavelet-LLL	ngtdm	Strength	63.95470051
wavelet-LLL	ngtdm	Contrast	2.340363358
wavelet-LLL	ngtdm	Busyness	0.015316203
wavelet-HHL	gldm	GrayLevelVariance	20.56084054
wavelet-HHL	gldm	HighGrayLevelEmphasis	204.8561151
wavelet-HHL	gldm	DependenceEntropy	5.579995727
wavelet-HHL	gldm	DependenceNonUniformity	38.00719424
wavelet-HHL	gldm	GrayLevelNonUniformity	9.949640288
wavelet-HHL	gldm	SmallDependenceEmphasis	0.45675786
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	94.17415505
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.273433052
wavelet-HHL	gldm	LargeDependenceEmphasis	7.73381295
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.109270948
wavelet-HHL	gldm	DependenceVariance	2.400703897
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1518.640288
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009790809
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024718479
wavelet-HHL	glcm	JointAverage	13.54841391
wavelet-HHL	glcm	SumAverage	27.09682782
wavelet-HHL	glcm	JointEntropy	6.698718853
wavelet-HHL	glcm	ClusterShade	-54.58393918
wavelet-HHL	glcm	MaximumProbability	0.032148718
wavelet-HHL	glcm	Idmn	0.944580556
wavelet-HHL	glcm	JointEnergy	0.011464655
wavelet-HHL	glcm	Contrast	38.98639258
wavelet-HHL	glcm	DifferenceEntropy	3.552655879
wavelet-HHL	glcm	InverseVariance	0.217212569
wavelet-HHL	glcm	DifferenceVariance	15.84347492
wavelet-HHL	glcm	Idn	0.850019434
wavelet-HHL	glcm	Idm	0.207397246
wavelet-HHL	glcm	Correlation	-0.031325889
wavelet-HHL	glcm	Autocorrelation	182.9105007
wavelet-HHL	glcm	SumEntropy	4.308383073
wavelet-HHL	glcm	SumSquares	18.81220592
wavelet-HHL	glcm	ClusterProminence	4721.329793
wavelet-HHL	glcm	Imc2	0.961521266

wavelet-HHL	glcm	Imc1	-0.324829549
wavelet-HHL	glcm	DifferenceAverage	4.73627589
wavelet-HHL	glcm	Id	0.297382431
wavelet-HHL	glcm	ClusterTendency	36.26243109
wavelet-HHL	firstorder	InterquartileRange	140.3900628
wavelet-HHL	firstorder	Skewness	-0.295718294
wavelet-HHL	firstorder	Uniformity	0.071580146
wavelet-HHL	firstorder	Median	2.127199373
wavelet-HHL	firstorder	Energy	1783835.55
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	56.3972431
wavelet-HHL	firstorder	MeanAbsoluteDeviation	86.44505292
wavelet-HHL	firstorder	TotalEnergy	48163559.84
wavelet-HHL	firstorder	Maximum	256.3135943
wavelet-HHL	firstorder	RootMeanSquared	113.2843735
wavelet-HHL	firstorder	90Percentile	147.3534176
wavelet-HHL	firstorder	Minimum	-317.3435704
wavelet-HHL	firstorder	Entropy	4.099367214
wavelet-HHL	firstorder	Range	573.6571647
wavelet-HHL	firstorder	Variance	12831.42966
wavelet-HHL	firstorder	10Percentile	-130.2872541
wavelet-HHL	firstorder	Kurtosis	3.264561327
wavelet-HHL	firstorder	Mean	1.385503146
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024341032
wavelet-HHL	glrlm	GrayLevelVariance	21.18208476
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.025065966
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.069404534
wavelet-HHL	glrlm	RunVariance	0.053708402
wavelet-HHL	glrlm	GrayLevelNonUniformity	9.161669333
wavelet-HHL	glrlm	LongRunEmphasis	1.163925603
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	197.5963164
wavelet-HHL	glrlm	RunLengthNonUniformity	119.2273172
wavelet-HHL	glrlm	ShortRunEmphasis	0.961002454
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	237.6116721
wavelet-HHL	glrlm	RunPercentage	0.949640288
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.028004843
wavelet-HHL	glrlm	RunEntropy	4.336114854
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	205.2717479
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.902563075
wavelet-HHL	glszm	GrayLevelVariance	27.23359757
wavelet-HHL	glszm	ZoneVariance	2.910102884
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.056839265
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.447124304
wavelet-HHL	glszm	SizeZoneNonUniformity	34.42857143
wavelet-HHL	glszm	GrayLevelNonUniformity	4.376623377
wavelet-HHL	glszm	LargeAreaEmphasis	6.168831169
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	142.089228
wavelet-HHL	glszm	ZonePercentage	0.553956835
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.097143563
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1224.766234
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	207.9090909
wavelet-HHL	glszm	SmallAreaEmphasis	0.690758478
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.025785302
wavelet-HHL	glszm	ZoneEntropy	5.237121443
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013339339
wavelet-HHL	ngtdm	Coarseness	0.042780471

wavelet-HHL	ngtdm	Complexity	766.2850782
wavelet-HHL	ngtdm	Strength	6.515640628
wavelet-HHL	ngtdm	Contrast	0.27493135
wavelet-HHL	ngtdm	Busyness	0.070434556
wavelet-HLH	gldm	GrayLevelVariance	21.44920035
wavelet-HLH	gldm	HighGrayLevelEmphasis	234.5251799
wavelet-HLH	gldm	DependenceEntropy	5.496357937
wavelet-HLH	gldm	DependenceNonUniformity	42.42446043
wavelet-HLH	gldm	GrayLevelNonUniformity	9.690647482
wavelet-HLH	gldm	SmallDependenceEmphasis	0.47251199
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	100.0940927
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.305211946
wavelet-HLH	gldm	LargeDependenceEmphasis	5.618705036
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038066455
wavelet-HLH	gldm	DependenceVariance	1.295895658
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1413.359712
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01413622
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.01673819
wavelet-HLH	glcm	JointAverage	14.65971838
wavelet-HLH	glcm	SumAverage	29.31943676
wavelet-HLH	glcm	JointEntropy	6.79126655
wavelet-HLH	glcm	ClusterShade	-59.23664723
wavelet-HLH	glcm	MaximumProbability	0.025499024
wavelet-HLH	glcm	Idmn	0.953742046
wavelet-HLH	glcm	JointEnergy	0.010331373
wavelet-HLH	glcm	Contrast	45.54622258
wavelet-HLH	glcm	DifferenceEntropy	3.659023156
wavelet-HLH	glcm	InverseVariance	0.18240524
wavelet-HLH	glcm	DifferenceVariance	17.03740419
wavelet-HLH	glcm	Idn	0.858438978
wavelet-HLH	glcm	Idm	0.177123167
wavelet-HLH	glcm	Correlation	-0.038514568
wavelet-HLH	glcm	Autocorrelation	214.0396022
wavelet-HLH	glcm	SumEntropy	4.403856721
wavelet-HLH	glcm	SumSquares	21.89097274
wavelet-HLH	glcm	ClusterProminence	6146.031907
wavelet-HLH	glcm	Imc2	0.96131554
wavelet-HLH	glcm	Imc1	-0.320623047
wavelet-HLH	glcm	DifferenceAverage	5.248861987
wavelet-HLH	glcm	Id	0.270284994
wavelet-HLH	glcm	ClusterTendency	42.01766839
wavelet-HLH	firstorder	InterquartileRange	158.0928037
wavelet-HLH	firstorder	Skewness	-0.17175611
wavelet-HLH	firstorder	Uniformity	0.069716888
wavelet-HLH	firstorder	Median	3.509490703
wavelet-HLH	firstorder	Energy	1864447.206
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	66.64011876
wavelet-HLH	firstorder	MeanAbsoluteDeviation	92.99046751
wavelet-HLH	firstorder	TotalEnergy	50340074.57
wavelet-HLH	firstorder	Maximum	351.6022318
wavelet-HLH	firstorder	RootMeanSquared	115.8157556
wavelet-HLH	firstorder	90Percentile	147.3233538
wavelet-HLH	firstorder	Minimum	-340.5875701
wavelet-HLH	firstorder	Entropy	4.051964161
wavelet-HLH	firstorder	Range	692.1898019

wavelet-HLH	firstorder	Variance	13410.59451
wavelet-HLH	firstorder	10Percentile	-134.7318019
wavelet-HLH	firstorder	Kurtosis	3.269164651
wavelet-HLH	firstorder	Mean	1.641566283
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017112574
wavelet-HLH	glrlm	GrayLevelVariance	21.86482426
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.017259821
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.069196257
wavelet-HLH	glrlm	RunVariance	0.047203411
wavelet-HLH	glrlm	GrayLevelNonUniformity	9.219207129
wavelet-HLH	glrlm	LongRunEmphasis	1.136111838
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	225.7801919
wavelet-HLH	glrlm	RunLengthNonUniformity	122.9154094
wavelet-HLH	glrlm	ShortRunEmphasis	0.969190721
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	268.5387763
wavelet-HLH	glrlm	RunPercentage	0.958494743
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.017898645
wavelet-HLH	glrlm	RunEntropy	4.229200436
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	233.6109319
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.922339662
wavelet-HLH	glszm	GrayLevelVariance	27.26758711
wavelet-HLH	glszm	ZoneVariance	1.862754767
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.063445102
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.440828402
wavelet-HLH	glszm	SizeZoneNonUniformity	34.38461538
wavelet-HLH	glszm	GrayLevelNonUniformity	4.948717949
wavelet-HLH	glszm	LargeAreaEmphasis	5.038461538
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	138.5956088
wavelet-HLH	glszm	ZonePercentage	0.561151079
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.044632543
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1260.730769
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	216.1538462
wavelet-HLH	glszm	SmallAreaEmphasis	0.688803201
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026080467
wavelet-HLH	glszm	ZoneEntropy	5.256162797
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.024438334
wavelet-HLH	ngtdm	Coarseness	0.034422025
wavelet-HLH	ngtdm	Complexity	772.3612481
wavelet-HLH	ngtdm	Strength	5.85213285
wavelet-HLH	ngtdm	Contrast	0.364357035
wavelet-HLH	ngtdm	Busyness	0.099652344

Image type	Feature Class	Feature Name	502: RTSTRUCT: C99-DNU_segment_GTVp_RUL
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	865f4fff9208af09a0a146636c02c83a725d85a8
general	info	ImageHash	
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	8b6f86499f2b37e5c2cda4ea1ed85c80f9a28d3a
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	63
original	shape	Maximum3DDiameter	18
original	shape	Maximum2DDiameterSlice	15
original	shape	Sphericity	0.899432551
original	shape	MinorAxis	12.84316708
original	shape	Elongation	0.814706374
original	shape	SurfaceVolumeRatio	0.450416286
original	shape	Volume	1701
original	shape	MajorAxis	15.76416669
original	shape	SurfaceArea	766.1581033
original	shape	Flatness	0.772747855
original	shape	LeastAxis	12.18172599
original	shape	Maximum2DDiameterColumn	15
original	shape	Maximum2DDiameterRow	13.41640786
original	gldm	GrayLevelVariance	76.33308138
original	gldm	HighGrayLevelEmphasis	476.968254
original	gldm	DependenceEntropy	4.875945352
original	gldm	DependenceNonUniformity	26.74603175
original	gldm	GrayLevelNonUniformity	2.936507937
original	gldm	SmallDependenceEmphasis	0.670943563
original	gldm	SmallDependenceHighGrayLevelEmphasis	259.7465608
original	gldm	DependenceNonUniformityNormalized	0.424540186
original	gldm	LargeDependenceEmphasis	4.555555556
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.031541208
original	gldm	DependenceVariance	1.451247166
original	gldm	LargeDependenceHighGrayLevelEmphasis	3281.920635
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.020268254
original	gldm	LowGrayLevelEmphasis	0.021433441
original	glcm	JointAverage	22.15959586
original	glcm	SumAverage	44.31919171
original	glcm	JointEntropy	5.911916588
original	glcm	ClusterShade	-554.1411611

original	glcm	MaximumProbability	0.031163934
original	glcm	Idmn	0.903768177
original	glcm	JointEnergy	0.017487563
original	glcm	Contrast	142.1366756
original	glcm	DifferenceEntropy	3.926792204
original	glcm	InverseVariance	0.122944174
original	glcm	DifferenceVariance	46.23137556
original	glcm	Idn	0.800111881
original	glcm	Idm	0.122626781
original	glcm	Correlation	0.055853908
original	glcm	Autocorrelation	495.3521278
original	glcm	SumEntropy	4.484437008
original	glcm	SumSquares	74.84154815
original	glcm	ClusterProminence	61219.60992
original	glcm	Imc2	0.998089345
original	glcm	Imc1	-0.64372656
original	glcm	DifferenceAverage	9.58310381
original	glcm	Id	0.19838695
original	glcm	ClusterTendency	157.229517
original	firstorder	InterquartileRange	381
original	firstorder	Skewness	-0.126828055
original	firstorder	Uniformity	0.046611237
original	firstorder	Median	-263
original	firstorder	Energy	6535661
original	firstorder	RobustMeanAbsoluteDeviation	149.6101624
original	firstorder	MeanAbsoluteDeviation	188.6606198
original	firstorder	TotalEnergy	176462847
original	firstorder	Maximum	103
original	firstorder	RootMeanSquared	322.0879551
original	firstorder	90Percentile	36.8
original	firstorder	Minimum	-711
original	firstorder	Entropy	4.59642725
original	firstorder	Range	814
original	firstorder	Variance	47511.44419
original	firstorder	10Percentile	-523
original	firstorder	Kurtosis	1.88939294
original	firstorder	Mean	-237.1269841
original	glrlm	ShortRunLowGrayLevelEmphasis	0.021926661
original	glrlm	GrayLevelVariance	75.43408179
original	glrlm	LowGrayLevelRunEmphasis	0.022003167
original	glrlm	GrayLevelNonUniformityNormalized	0.045580145
original	glrlm	RunVariance	0.029109116
original	glrlm	GrayLevelNonUniformity	2.789106724
original	glrlm	LongRunEmphasis	1.094021345
original	glrlm	ShortRunHighGrayLevelEmphasis	451.6762159
original	glrlm	RunLengthNonUniformity	57.71812726
original	glrlm	ShortRunEmphasis	0.976494664
original	glrlm	LongRunHighGrayLevelEmphasis	537.9057237
original	glrlm	RunPercentage	0.970695971
original	glrlm	LongRunLowGrayLevelEmphasis	0.022309189
original	glrlm	RunEntropy	4.690680378
original	glrlm	HighGrayLevelRunEmphasis	468.9221175
original	glrlm	RunLengthNonUniformityNormalized	0.941781768
original	glszm	GrayLevelVariance	67.68764147
original	glszm	ZoneVariance	0.777727478

original	glszm	GrayLevelNonUniformityNormalized	0.043005885
original	glszm	SizeZoneNonUniformityNormalized	0.672249887
original	glszm	SizeZoneNonUniformity	31.59574468
original	glszm	GrayLevelNonUniformity	2.021276596
original	glszm	LargeAreaEmphasis	2.574468085
original	glszm	SmallAreaHighGrayLevelEmphasis	313.3095981
original	glszm	ZonePercentage	0.746031746
original	glszm	LargeAreaLowGrayLevelEmphasis	0.032264556
original	glszm	LargeAreaHighGrayLevelEmphasis	1583.085106
original	glszm	HighGrayLevelZoneEmphasis	406.4042553
original	glszm	SmallAreaEmphasis	0.844491726
original	glszm	LowGrayLevelZoneEmphasis	0.027569749
original	glszm	ZoneEntropy	4.809492043
original	glszm	SmallAreaLowGrayLevelEmphasis	0.026996168
original	ngtdm	Coarseness	0.047790728
original	ngtdm	Complexity	2550.905395
original	ngtdm	Strength	19.83043694
original	ngtdm	Contrast	1.467427198
original	ngtdm	Busyness	0.045154735
wavelet-HHH	gldm	GrayLevelVariance	10.53061224
wavelet-HHH	gldm	HighGrayLevelEmphasis	99.42857143
wavelet-HHH	gldm	DependenceEntropy	4.677023623
wavelet-HHH	gldm	DependenceNonUniformity	17.57142857
wavelet-HHH	gldm	GrayLevelNonUniformity	6.492063492
wavelet-HHH	gldm	SmallDependenceEmphasis	0.447588183
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.17615961
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.278911565
wavelet-HHH	gldm	LargeDependenceEmphasis	5.73015873
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.095680729
wavelet-HHH	gldm	DependenceVariance	1.138321995
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	565.968254
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.024952558
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.033386331
wavelet-HHH	glcm	JointAverage	9.439107811
wavelet-HHH	glcm	SumAverage	18.87821562
wavelet-HHH	glcm	JointEntropy	5.596149832
wavelet-HHH	glcm	ClusterShade	-17.81023586
wavelet-HHH	glcm	MaximumProbability	0.046201062
wavelet-HHH	glcm	ldmn	0.927717888
wavelet-HHH	glcm	JointEnergy	0.022961591
wavelet-HHH	glcm	Contrast	22.77769117
wavelet-HHH	glcm	DifferenceEntropy	3.086057691
wavelet-HHH	glcm	InverseVariance	0.231197397
wavelet-HHH	glcm	DifferenceVariance	7.966752798
wavelet-HHH	glcm	ldn	0.823203735
wavelet-HHH	glcm	ldm	0.220359005
wavelet-HHH	glcm	Correlation	-0.044322884
wavelet-HHH	glcm	Autocorrelation	88.66259764
wavelet-HHH	glcm	SumEntropy	3.711445899
wavelet-HHH	glcm	SumSquares	10.92654727
wavelet-HHH	glcm	ClusterProminence	1279.481801
wavelet-HHH	glcm	lmc2	0.966202679
wavelet-HHH	glcm	lmc1	-0.39688083
wavelet-HHH	glcm	DifferenceAverage	3.81364353
wavelet-HHH	glcm	ld	0.315784973

wavelet-HHH	glcm	ClusterTendency	20.92849793
wavelet-HHH	firstorder	InterquartileRange	111.2367759
wavelet-HHH	firstorder	Skewness	-0.210767316
wavelet-HHH	firstorder	Uniformity	0.103048627
wavelet-HHH	firstorder	Median	-5.835692177
wavelet-HHH	firstorder	Energy	426675.5983
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	42.40243483
wavelet-HHH	firstorder	MeanAbsoluteDeviation	64.77471002
wavelet-HHH	firstorder	TotalEnergy	11520241.15
wavelet-HHH	firstorder	Maximum	174.9208109
wavelet-HHH	firstorder	RootMeanSquared	82.29598134
wavelet-HHH	firstorder	90Percentile	104.5190666
wavelet-HHH	firstorder	Minimum	-214.5076378
wavelet-HHH	firstorder	Entropy	3.532692705
wavelet-HHH	firstorder	Range	389.4284488
wavelet-HHH	firstorder	Variance	6767.579326
wavelet-HHH	firstorder	10Percentile	-116.7552392
wavelet-HHH	firstorder	Kurtosis	2.840237554
wavelet-HHH	firstorder	Mean	-2.247046588
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.033808077
wavelet-HHH	glrlm	GrayLevelVariance	10.78810182
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.034294847
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.100954558
wavelet-HHH	glrlm	RunVariance	0.043766363
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.081103312
wavelet-HHH	glrlm	LongRunEmphasis	1.139956235
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	95.86646718
wavelet-HHH	glrlm	RunLengthNonUniformity	55.03200803
wavelet-HHH	glrlm	ShortRunEmphasis	0.965010941
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	113.4392967
wavelet-HHH	glrlm	RunPercentage	0.956043956
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.036241924
wavelet-HHH	glrlm	RunEntropy	3.71815838
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	99.38103307
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.912467274
wavelet-HHH	glszm	GrayLevelVariance	14.71366782
wavelet-HHH	glszm	ZoneVariance	3.360726644
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.089965398
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.446366782
wavelet-HHH	glszm	SizeZoneNonUniformity	15.17647059
wavelet-HHH	glszm	GrayLevelNonUniformity	3.058823529
wavelet-HHH	glszm	LargeAreaEmphasis	6.794117647
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	63.18472155
wavelet-HHH	glszm	ZonePercentage	0.53968254
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.125728141
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	630.5882353
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	98.38235294
wavelet-HHH	glszm	SmallAreaEmphasis	0.68549634
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.049438051
wavelet-HHH	glszm	ZoneEntropy	4.359377915
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.043919628
wavelet-HHH	ngtdm	Coarseness	0.077418174
wavelet-HHH	ngtdm	Complexity	229.6572407
wavelet-HHH	ngtdm	Strength	5.225343329
wavelet-HHH	ngtdm	Contrast	0.278193942



wavelet-HHH	ngtdm	Busyness	0.100912997
wavelet-HLL	gldm	GrayLevelVariance	135.3716301
wavelet-HLL	gldm	HighGrayLevelEmphasis	453.6825397
wavelet-HLL	gldm	DependenceEntropy	4.988951947
wavelet-HLL	gldm	DependenceNonUniformity	30.3968254
wavelet-HLL	gldm	GrayLevelNonUniformity	2.777777778
wavelet-HLL	gldm	SmallDependenceEmphasis	0.712191358
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	314.707231
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.482489292
wavelet-HLL	gldm	LargeDependenceEmphasis	2.682539683
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.09147105
wavelet-HLL	gldm	DependenceVariance	0.503401361
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1108.031746
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.043436616
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.048951709
wavelet-HLL	glcm	JointAverage	16.47516204
wavelet-HLL	glcm	SumAverage	32.95032408
wavelet-HLL	glcm	JointEntropy	5.937992106
wavelet-HLL	glcm	ClusterShade	4143.419692
wavelet-HLL	glcm	MaximumProbability	0.030991906
wavelet-HLL	glcm	Idmn	0.936049867
wavelet-HLL	glcm	JointEnergy	0.017064451
wavelet-HLL	glcm	Contrast	141.913005
wavelet-HLL	glcm	DifferenceEntropy	3.869348247
wavelet-HLL	glcm	InverseVariance	0.130149763
wavelet-HLL	glcm	DifferenceVariance	44.68006528
wavelet-HLL	glcm	Idn	0.834805827
wavelet-HLL	glcm	Idm	0.109974442
wavelet-HLL	glcm	Correlation	0.427757441
wavelet-HLL	glcm	Autocorrelation	329.7464307
wavelet-HLL	glcm	SumEntropy	4.513152025
wavelet-HLL	glcm	SumSquares	128.9704107
wavelet-HLL	glcm	ClusterProminence	336315.7923
wavelet-HLL	glcm	Imc2	0.998619872
wavelet-HLL	glcm	Imc1	-0.669640653
wavelet-HLL	glcm	DifferenceAverage	9.433041461
wavelet-HLL	glcm	Id	0.189035242
wavelet-HLL	glcm	ClusterTendency	373.9686376
wavelet-HLL	firstorder	InterquartileRange	450.50684
wavelet-HLL	firstorder	Skewness	0.520039455
wavelet-HLL	firstorder	Uniformity	0.044091711
wavelet-HLL	firstorder	Median	-143.1591556
wavelet-HLL	firstorder	Energy	5618779.371
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	173.891852
wavelet-HLL	firstorder	MeanAbsoluteDeviation	242.2014465
wavelet-HLL	firstorder	TotalEnergy	151707043
wavelet-HLL	firstorder	Maximum	573.5288922
wavelet-HLL	firstorder	RootMeanSquared	298.6418828
wavelet-HLL	firstorder	90Percentile	386.8902691
wavelet-HLL	firstorder	Minimum	-492.5726445
wavelet-HLL	firstorder	Entropy	4.676102646
wavelet-HLL	firstorder	Range	1066.101537
wavelet-HLL	firstorder	Variance	84683.59795
wavelet-HLL	firstorder	10Percentile	-413.5500321
wavelet-HLL	firstorder	Kurtosis	2.331666212

wavelet-HLL	firstorder	Mean	-67.10719923
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.049133885
wavelet-HLL	glrlm	GrayLevelVariance	134.9872059
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.049452303
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.043962148
wavelet-HLL	glrlm	RunVariance	0.018291855
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.718573811
wavelet-HLL	glrlm	LongRunEmphasis	1.056697718
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	447.9928661
wavelet-HLL	glrlm	RunLengthNonUniformity	59.61207338
wavelet-HLL	glrlm	ShortRunEmphasis	0.985825571
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	478.5584271
wavelet-HLL	glrlm	RunPercentage	0.981684982
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.050725973
wavelet-HLL	glrlm	RunEntropy	4.711744064
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	454.1059783
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.963416291
wavelet-HLL	glszm	GrayLevelVariance	128.72
wavelet-HLL	glszm	ZoneVariance	0.3524
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.044
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.6664
wavelet-HLL	glszm	SizeZoneNonUniformity	33.32
wavelet-HLL	glszm	GrayLevelNonUniformity	2.2
wavelet-HLL	glszm	LargeAreaEmphasis	1.94
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	369.34
wavelet-HLL	glszm	ZonePercentage	0.793650794
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.080279907
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	829.04
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	452.72
wavelet-HLL	glszm	SmallAreaEmphasis	0.843472222
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.056174129
wavelet-HLL	glszm	ZoneEntropy	4.85366069
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.053713699
wavelet-HLL	ngtdm	Coarseness	0.075674798
wavelet-HLL	ngtdm	Complexity	2580.211956
wavelet-HLL	ngtdm	Strength	46.45857672
wavelet-HLL	ngtdm	Contrast	1.863518922
wavelet-HLL	ngtdm	Busyness	0.032843209
wavelet-LHL	gldm	GrayLevelVariance	127.8342152
wavelet-LHL	gldm	HighGrayLevelEmphasis	943.2539683
wavelet-LHL	gldm	DependenceEntropy	5.223156511
wavelet-LHL	gldm	DependenceNonUniformity	32.07936508
wavelet-LHL	gldm	GrayLevelNonUniformity	2.587301587
wavelet-LHL	gldm	SmallDependenceEmphasis	0.700176367
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	694.0555556
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.509196271
wavelet-LHL	gldm	LargeDependenceEmphasis	2.26984127
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.020187297
wavelet-LHL	gldm	DependenceVariance	0.274124465
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2003.539683
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01708869
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017692735
wavelet-LHL	glcm	JointAverage	27.50237668
wavelet-LHL	glcm	SumAverage	55.00475336
wavelet-LHL	glcm	JointEntropy	6.034807428

wavelet-LHL	glcm	ClusterShade	3325.308308
wavelet-LHL	glcm	MaximumProbability	0.027386443
wavelet-LHL	glcm	Idmn	0.937313272
wavelet-LHL	glcm	JointEnergy	0.015689082
wavelet-LHL	glcm	Contrast	223.8200174
wavelet-LHL	glcm	DifferenceEntropy	4.11638172
wavelet-LHL	glcm	InverseVariance	0.093084474
wavelet-LHL	glcm	DifferenceVariance	79.47582491
wavelet-LHL	glcm	Idn	0.837785159
wavelet-LHL	glcm	Idm	0.085821765
wavelet-LHL	glcm	Correlation	0.123067267
wavelet-LHL	glcm	Autocorrelation	774.1090155
wavelet-LHL	glcm	SumEntropy	4.60269813
wavelet-LHL	glcm	SumSquares	129.4352256
wavelet-LHL	glcm	ClusterProminence	276581.9814
wavelet-LHL	glcm	Imc2	0.999339139
wavelet-LHL	glcm	Imc1	-0.713847804
wavelet-LHL	glcm	DifferenceAverage	11.64493465
wavelet-LHL	glcm	Id	0.162742093
wavelet-LHL	glcm	ClusterTendency	293.920885
wavelet-LHL	firstorder	InterquartileRange	396.9788529
wavelet-LHL	firstorder	Skewness	0.38880193
wavelet-LHL	firstorder	Uniformity	0.041068279
wavelet-LHL	firstorder	Median	-70.88033767
wavelet-LHL	firstorder	Energy	5195448.229
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	151.2982806
wavelet-LHL	firstorder	MeanAbsoluteDeviation	225.2684762
wavelet-LHL	firstorder	TotalEnergy	140277102.2
wavelet-LHL	firstorder	Maximum	593.2526325
wavelet-LHL	firstorder	RootMeanSquared	287.1714335
wavelet-LHL	firstorder	90Percentile	294.1079114
wavelet-LHL	firstorder	Minimum	-746.5495357
wavelet-LHL	firstorder	Entropy	4.845784487
wavelet-LHL	firstorder	Range	1339.802168
wavelet-LHL	firstorder	Variance	79912.87211
wavelet-LHL	firstorder	10Percentile	-369.3468092
wavelet-LHL	firstorder	Kurtosis	2.916123378
wavelet-LHL	firstorder	Mean	-50.54265614
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01792914
wavelet-LHL	glrlm	GrayLevelVariance	128.1503142
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.017953984
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.040825833
wavelet-LHL	glrlm	RunVariance	0.015821125
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.531756864
wavelet-LHL	glrlm	LongRunEmphasis	1.049914645
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	934.757853
wavelet-LHL	glrlm	RunLengthNonUniformity	60.0964151
wavelet-LHL	glrlm	ShortRunEmphasis	0.987521339
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	986.593948
wavelet-LHL	glrlm	RunPercentage	0.984126984
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.018053362
wavelet-LHL	glrlm	RunEntropy	4.878879508
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	945.125072
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.96835775
wavelet-LHL	glszm	GrayLevelVariance	133.1584

wavelet-LHL	glszm	ZoneVariance	0.2324
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.0368
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.6264
wavelet-LHL	glszm	SizeZoneNonUniformity	31.32
wavelet-LHL	glszm	GrayLevelNonUniformity	1.84
wavelet-LHL	glszm	LargeAreaEmphasis	1.82
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	820.345
wavelet-LHL	glszm	ZonePercentage	0.793650794
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.023370191
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1657.82
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	971.84
wavelet-LHL	glszm	SmallAreaEmphasis	0.817222222
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.021776395
wavelet-LHL	glszm	ZoneEntropy	5.25366069
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.021402637
wavelet-LHL	ngtdm	Coarseness	0.056441217
wavelet-LHL	ngtdm	Complexity	4624.660035
wavelet-LHL	ngtdm	Strength	41.18300254
wavelet-LHL	ngtdm	Contrast	1.805278373
wavelet-LHL	ngtdm	Busyness	0.026592785
wavelet-LHH	gldm	GrayLevelVariance	40.19551524
wavelet-LHH	gldm	HighGrayLevelEmphasis	322.2222222
wavelet-LHH	gldm	DependenceEntropy	4.925459884
wavelet-LHH	gldm	DependenceNonUniformity	29.12698413
wavelet-LHH	gldm	GrayLevelNonUniformity	3.412698413
wavelet-LHH	gldm	SmallDependenceEmphasis	0.668981481
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	213.4329806
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.462333081
wavelet-LHH	gldm	LargeDependenceEmphasis	2.714285714
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029958392
wavelet-LHH	gldm	DependenceVariance	0.440413202
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	840.7301587
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020793577
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.022155889
wavelet-LHH	glcm	JointAverage	17.02444224
wavelet-LHH	glcm	SumAverage	34.04888448
wavelet-LHH	glcm	JointEntropy	5.959107912
wavelet-LHH	glcm	ClusterShade	3.33926906
wavelet-LHH	glcm	MaximumProbability	0.029911009
wavelet-LHH	glcm	Idmn	0.921692787
wavelet-LHH	glcm	JointEnergy	0.016860183
wavelet-LHH	glcm	Contrast	88.71905048
wavelet-LHH	glcm	DifferenceEntropy	3.748816748
wavelet-LHH	glcm	InverseVariance	0.139290099
wavelet-LHH	glcm	DifferenceVariance	30.71228474
wavelet-LHH	glcm	Idn	0.817581858
wavelet-LHH	glcm	Idm	0.11917595
wavelet-LHH	glcm	Correlation	-0.028078144
wavelet-LHH	glcm	Autocorrelation	288.761312
wavelet-LHH	glcm	SumEntropy	4.303938201
wavelet-LHH	glcm	SumSquares	43.08427779
wavelet-LHH	glcm	ClusterProminence	18725.61208
wavelet-LHH	glcm	Imc2	0.99790895
wavelet-LHH	glcm	Imc1	-0.636247411
wavelet-LHH	glcm	DifferenceAverage	7.478959706

wavelet-LHH	glcm	Id	0.208233926
wavelet-LHH	glcm	ClusterTendency	83.61806069
wavelet-LHH	firstorder	InterquartileRange	203.028079
wavelet-LHH	firstorder	Skewness	-0.044071194
wavelet-LHH	firstorder	Uniformity	0.054169816
wavelet-LHH	firstorder	Median	5.212556309
wavelet-LHH	firstorder	Energy	1556441.703
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	84.07838618
wavelet-LHH	firstorder	MeanAbsoluteDeviation	125.9998951
wavelet-LHH	firstorder	TotalEnergy	42023925.99
wavelet-LHH	firstorder	Maximum	325.4581488
wavelet-LHH	firstorder	RootMeanSquared	157.1795911
wavelet-LHH	firstorder	90Percentile	211.8321048
wavelet-LHH	firstorder	Minimum	-376.9978574
wavelet-LHH	firstorder	Entropy	4.435447734
wavelet-LHH	firstorder	Range	702.4560061
wavelet-LHH	firstorder	Variance	24666.35432
wavelet-LHH	firstorder	10Percentile	-190.287595
wavelet-LHH	firstorder	Kurtosis	2.666128068
wavelet-LHH	firstorder	Mean	6.250563292
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022449541
wavelet-LHH	glrlm	GrayLevelVariance	40.4909659
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.022515313
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.053631383
wavelet-LHH	glrlm	RunVariance	0.019510548
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.312884436
wavelet-LHH	glrlm	LongRunEmphasis	1.060541838
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	317.6085188
wavelet-LHH	glrlm	RunLengthNonUniformity	59.38891104
wavelet-LHH	glrlm	ShortRunEmphasis	0.984864541
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	341.4292587
wavelet-LHH	glrlm	RunPercentage	0.98046398
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.022778401
wavelet-LHH	glrlm	RunEntropy	4.498005703
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	322.3726667
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.960978903
wavelet-LHH	glszm	GrayLevelVariance	44.77604167
wavelet-LHH	glszm	ZoneVariance	0.381510417
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048611111
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.606770833
wavelet-LHH	glszm	SizeZoneNonUniformity	29.125
wavelet-LHH	glszm	GrayLevelNonUniformity	2.333333333
wavelet-LHH	glszm	LargeAreaEmphasis	2.104166667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	255.5266204
wavelet-LHH	glszm	ZonePercentage	0.761904762
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.03264216
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	666.4583333
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	321.1666667
wavelet-LHH	glszm	SmallAreaEmphasis	0.805700231
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027771737
wavelet-LHH	glszm	ZoneEntropy	4.845175521
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.027004791
wavelet-LHH	ngtdm	Coarseness	0.07355921
wavelet-LHH	ngtdm	Complexity	1354.601902
wavelet-LHH	ngtdm	Strength	16.90302338

wavelet-LHH	ngtdm	Contrast	0.651036742
wavelet-LHH	ngtdm	Busyness	0.039931598
wavelet-LLH	gldm	GrayLevelVariance	88.56739733
wavelet-LLH	gldm	HighGrayLevelEmphasis	532.2380952
wavelet-LLH	gldm	DependenceEntropy	5.20339282
wavelet-LLH	gldm	DependenceNonUniformity	25.98412698
wavelet-LLH	gldm	GrayLevelNonUniformity	2.777777778
wavelet-LLH	gldm	SmallDependenceEmphasis	0.634920635
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	351.14903
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.41244646
wavelet-LLH	gldm	LargeDependenceEmphasis	3.095238095
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029394369
wavelet-LLH	gldm	DependenceVariance	0.525069287
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1588.587302
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021189108
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.022544279
wavelet-LLH	glcm	JointAverage	20.27520636
wavelet-LLH	glcm	SumAverage	40.55041271
wavelet-LLH	glcm	JointEntropy	5.962802146
wavelet-LLH	glcm	ClusterShade	905.6608851
wavelet-LLH	glcm	MaximumProbability	0.030204289
wavelet-LLH	glcm	Idmn	0.926844162
wavelet-LLH	glcm	JointEnergy	0.016904788
wavelet-LLH	glcm	Contrast	137.0579171
wavelet-LLH	glcm	DifferenceEntropy	3.797102434
wavelet-LLH	glcm	InverseVariance	0.118999698
wavelet-LLH	glcm	DifferenceVariance	52.31883756
wavelet-LLH	glcm	Idn	0.829716028
wavelet-LLH	glcm	Idm	0.119709939
wavelet-LLH	glcm	Correlation	0.263366242
wavelet-LLH	glcm	Autocorrelation	436.5326905
wavelet-LLH	glcm	SumEntropy	4.601476248
wavelet-LLH	glcm	SumSquares	93.77692828
wavelet-LLH	glcm	ClusterProminence	134351.9009
wavelet-LLH	glcm	Imc2	0.99904045
wavelet-LLH	glcm	Imc1	-0.696250315
wavelet-LLH	glcm	DifferenceAverage	8.868355705
wavelet-LLH	glcm	Id	0.204477322
wavelet-LLH	glcm	ClusterTendency	238.049796
wavelet-LLH	firstorder	InterquartileRange	356.1599411
wavelet-LLH	firstorder	Skewness	-0.084277755
wavelet-LLH	firstorder	Uniformity	0.044091711
wavelet-LLH	firstorder	Median	-59.43696288
wavelet-LLH	firstorder	Energy	3736833.696
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	140.6478656
wavelet-LLH	firstorder	MeanAbsoluteDeviation	194.0676647
wavelet-LLH	firstorder	TotalEnergy	100894509.8
wavelet-LLH	firstorder	Maximum	369.0670796
wavelet-LLH	firstorder	RootMeanSquared	243.5463417
wavelet-LLH	firstorder	90Percentile	242.9436439
wavelet-LLH	firstorder	Minimum	-570.918381
wavelet-LLH	firstorder	Entropy	4.661504479
wavelet-LLH	firstorder	Range	939.9854606
wavelet-LLH	firstorder	Variance	55687.2661
wavelet-LLH	firstorder	10Percentile	-386.8515

wavelet-LLH	firstorder	Kurtosis	2.177513661
wavelet-LLH	firstorder	Mean	-60.22918294
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.022950608
wavelet-LLH	glrlm	GrayLevelVariance	89.56252552
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.023014086
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.043774189
wavelet-LLH	glrlm	RunVariance	0.02309523
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.694591456
wavelet-LLH	glrlm	LongRunEmphasis	1.073780802
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	523.6444554
wavelet-LLH	glrlm	RunLengthNonUniformity	58.79110136
wavelet-LLH	glrlm	ShortRunEmphasis	0.9815548
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	570.1086504
wavelet-LLH	glrlm	RunPercentage	0.976800977
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.023268
wavelet-LLH	glrlm	RunEntropy	4.725942114
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	532.9372944
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.95380954
wavelet-LLH	glszm	GrayLevelVariance	104.1995062
wavelet-LLH	glszm	ZoneVariance	0.64
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.040987654
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.595061728
wavelet-LLH	glszm	SizeZoneNonUniformity	26.77777778
wavelet-LLH	glszm	GrayLevelNonUniformity	1.844444444
wavelet-LLH	glszm	LargeAreaEmphasis	2.6
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	447.1280864
wavelet-LLH	glszm	ZonePercentage	0.714285714
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.035220431
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1373.888889
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	544.2666667
wavelet-LLH	glszm	SmallAreaEmphasis	0.799074074
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.030159638
wavelet-LLH	glszm	ZoneEntropy	5.047408652
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029333095
wavelet-LLH	ngtdm	Coarseness	0.073810194
wavelet-LLH	ngtdm	Complexity	2305.552794
wavelet-LLH	ngtdm	Strength	32.14984696
wavelet-LLH	ngtdm	Contrast	1.27504455
wavelet-LLH	ngtdm	Busyness	0.02689164
wavelet-LLL	gldm	GrayLevelVariance	486.6293777
wavelet-LLL	gldm	HighGrayLevelEmphasis	2043.746032
wavelet-LLL	gldm	DependenceEntropy	5.357921987
wavelet-LLL	gldm	DependenceNonUniformity	53.6031746
wavelet-LLL	gldm	GrayLevelNonUniformity	1.698412698
wavelet-LLL	gldm	SmallDependenceEmphasis	0.933862434
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1808.656085
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.850844041
wavelet-LLL	gldm	LargeDependenceEmphasis	1.476190476
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025666385
wavelet-LLL	gldm	DependenceVariance	0.206097254
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4111.936508
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025289337
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.025356803
wavelet-LLL	glcm	JointAverage	46.4191287
wavelet-LLL	glcm	SumAverage	92.8382574

wavelet-LLL	glcm	JointEntropy	6.088362039
wavelet-LLL	glcm	ClusterShade	2697.770862
wavelet-LLL	glcm	MaximumProbability	0.023104367
wavelet-LLL	glcm	Idmn	0.902398242
wavelet-LLL	glcm	JointEnergy	0.014989188
wavelet-LLL	glcm	Contrast	908.7973834
wavelet-LLL	glcm	DifferenceEntropy	4.437430409
wavelet-LLL	glcm	InverseVariance	0.037936291
wavelet-LLL	glcm	DifferenceVariance	278.7206023
wavelet-LLL	glcm	Idn	0.795291179
wavelet-LLL	glcm	Idm	0.034037228
wavelet-LLL	glcm	Correlation	0.140086483
wavelet-LLL	glcm	Autocorrelation	2223.593919
wavelet-LLL	glcm	SumEntropy	4.871484443
wavelet-LLL	glcm	SumSquares	520.022252
wavelet-LLL	glcm	ClusterProminence	3243006.604
wavelet-LLL	glcm	Imc2	0.999904423
wavelet-LLL	glcm	Imc1	-0.828864565
wavelet-LLL	glcm	DifferenceAverage	24.49244975
wavelet-LLL	glcm	Id	0.088605446
wavelet-LLL	glcm	ClusterTendency	1171.291624
wavelet-LLL	firstorder	InterquartileRange	783.5796793
wavelet-LLL	firstorder	Skewness	0.362216764
wavelet-LLL	firstorder	Uniformity	0.026958932
wavelet-LLL	firstorder	Median	-935.7855398
wavelet-LLL	firstorder	Energy	64728504.57
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	324.0269238
wavelet-LLL	firstorder	MeanAbsoluteDeviation	456.2052349
wavelet-LLL	firstorder	TotalEnergy	1747669623
wavelet-LLL	firstorder	Maximum	295.8623223
wavelet-LLL	firstorder	RootMeanSquared	1013.625464
wavelet-LLL	firstorder	90Percentile	-15.55164379
wavelet-LLL	firstorder	Minimum	-1807.807023
wavelet-LLL	firstorder	Entropy	5.357921987
wavelet-LLL	firstorder	Range	2103.669345
wavelet-LLL	firstorder	Variance	304590.6171
wavelet-LLL	firstorder	10Percentile	-1489.083463
wavelet-LLL	firstorder	Kurtosis	2.262940357
wavelet-LLL	firstorder	Mean	-850.2034835
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.025475993
wavelet-LLL	glrlm	GrayLevelVariance	484.312434
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.025478843
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.02686847
wavelet-LLL	glrlm	RunVariance	0.004882734
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.684509039
wavelet-LLL	glrlm	LongRunEmphasis	1.014888337
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2018.308977
wavelet-LLL	glrlm	RunLengthNonUniformity	62.08684864
wavelet-LLL	glrlm	ShortRunEmphasis	0.996277916
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2094.551223
wavelet-LLL	glrlm	RunPercentage	0.995115995
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.025490244
wavelet-LLL	glrlm	RunEntropy	5.367925082
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2033.557426
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.990234531



wavelet-LLL	glszm	GrayLevelVariance	466.5222222
wavelet-LLL	glszm	ZoneVariance	0.080833333
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.026666667
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.935
wavelet-LLL	glszm	SizeZoneNonUniformity	56.1
wavelet-LLL	glszm	GrayLevelNonUniformity	1.6
wavelet-LLL	glszm	LargeAreaEmphasis	1.183333333
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1877.685185
wavelet-LLL	glszm	ZonePercentage	0.952380952
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.026726742
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2692.166667
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1961.633333
wavelet-LLL	glszm	SmallAreaEmphasis	0.972685185
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.026576722
wavelet-LLL	glszm	ZoneEntropy	5.369146221
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.026542692
wavelet-LLL	ngtdm	Coarseness	0.034537611
wavelet-LLL	ngtdm	Complexity	23480.09624
wavelet-LLL	ngtdm	Strength	85.69189586
wavelet-LLL	ngtdm	Contrast	8.101119044
wavelet-LLL	ngtdm	Busyness	0.023783488
wavelet-HHL	gldm	GrayLevelVariance	25.13378685
wavelet-HHL	gldm	HighGrayLevelEmphasis	295.031746
wavelet-HHL	gldm	DependenceEntropy	4.88951286
wavelet-HHL	gldm	DependenceNonUniformity	20.04761905
wavelet-HHL	gldm	GrayLevelNonUniformity	4.650793651
wavelet-HHL	gldm	SmallDependenceEmphasis	0.508708113
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	160.9521605
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.318216175
wavelet-HHL	gldm	LargeDependenceEmphasis	4.841269841
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.036054034
wavelet-HHL	gldm	DependenceVariance	1.029478458
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1411.063492
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018215293
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.020552661
wavelet-HHL	glcm	JointAverage	16.52602019
wavelet-HHL	glcm	SumAverage	33.05204039
wavelet-HHL	glcm	JointEntropy	5.82266732
wavelet-HHL	glcm	ClusterShade	-5.184873948
wavelet-HHL	glcm	MaximumProbability	0.03213056
wavelet-HHL	glcm	Idmn	0.953945748
wavelet-HHL	glcm	JointEnergy	0.018902074
wavelet-HHL	glcm	Contrast	55.75092328
wavelet-HHL	glcm	DifferenceEntropy	3.486361849
wavelet-HHL	glcm	InverseVariance	0.180182997
wavelet-HHL	glcm	DifferenceVariance	22.27245398
wavelet-HHL	glcm	Idn	0.86121527
wavelet-HHL	glcm	Idm	0.175483426
wavelet-HHL	glcm	Correlation	0.048208531
wavelet-HHL	glcm	Autocorrelation	274.8345986
wavelet-HHL	glcm	SumEntropy	4.089715475
wavelet-HHL	glcm	SumSquares	29.47173466
wavelet-HHL	glcm	ClusterProminence	12473.86227
wavelet-HHL	glcm	Imc2	0.992066575
wavelet-HHL	glcm	Imc1	-0.534961488

wavelet-HHL	glcm	DifferenceAverage	5.698963595
wavelet-HHL	glcm	Id	0.26575699
wavelet-HHL	glcm	ClusterTendency	62.13601534
wavelet-HHL	firstorder	InterquartileRange	150.5862237
wavelet-HHL	firstorder	Skewness	-0.157722492
wavelet-HHL	firstorder	Uniformity	0.073822121
wavelet-HHL	firstorder	Median	10.72821103
wavelet-HHL	firstorder	Energy	990023.6209
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	62.44740269
wavelet-HHL	firstorder	MeanAbsoluteDeviation	96.50965172
wavelet-HHL	firstorder	TotalEnergy	26730637.76
wavelet-HHL	firstorder	Maximum	377.6460654
wavelet-HHL	firstorder	RootMeanSquared	125.3581296
wavelet-HHL	firstorder	90Percentile	122.8892327
wavelet-HHL	firstorder	Minimum	-390.8759323
wavelet-HHL	firstorder	Entropy	3.959924069
wavelet-HHL	firstorder	Range	768.5219977
wavelet-HHL	firstorder	Variance	15703.52731
wavelet-HHL	firstorder	10Percentile	-181.9240836
wavelet-HHL	firstorder	Kurtosis	4.135016567
wavelet-HHL	firstorder	Mean	-3.336665678
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021055508
wavelet-HHL	glrlm	GrayLevelVariance	25.74687071
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.021178992
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.073010462
wavelet-HHL	glrlm	RunVariance	0.03651081
wavelet-HHL	glrlm	GrayLevelNonUniformity	4.43200511
wavelet-HHL	glrlm	LongRunEmphasis	1.115455943
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	287.1921762
wavelet-HHL	glrlm	RunLengthNonUniformity	56.31068807
wavelet-HHL	glrlm	ShortRunEmphasis	0.971136014
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	328.322089
wavelet-HHL	glrlm	RunPercentage	0.963369963
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.021672927
wavelet-HHL	glrlm	RunEntropy	4.089885987
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	295.4181588
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.92697838
wavelet-HHL	glszm	GrayLevelVariance	34.7700831
wavelet-HHL	glszm	ZoneVariance	1.593490305
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.069252078
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.48199446
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wavelet-HHL	glszm	GrayLevelNonUniformity	2.631578947
wavelet-HHL	glszm	LargeAreaEmphasis	4.342105263
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	233.0739302
wavelet-HHL	glszm	ZonePercentage	0.603174603
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.044454976
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1280.552632
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	304.4210526
wavelet-HHL	glszm	SmallAreaEmphasis	0.719608694
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.031124213
wavelet-HHL	glszm	ZoneEntropy	4.523986066
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.029596716
wavelet-HHL	ngtdm	Coarseness	0.074657245
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wavelet-HHL	ngtdm	Busyness	0.054938573
wavelet-HLH	gldm	GrayLevelVariance	19.73444192
wavelet-HLH	gldm	HighGrayLevelEmphasis	134.1904762
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wavelet-HLH	gldm	DependenceNonUniformity	19.25396825
wavelet-HLH	gldm	GrayLevelNonUniformity	5
wavelet-HLH	gldm	SmallDependenceEmphasis	0.505458554
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	62.09291887
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.305618544
wavelet-HLH	gldm	LargeDependenceEmphasis	5.253968254
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.090340043
wavelet-HLH	gldm	DependenceVariance	1.190224238
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	663.1111111
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.029527415
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wavelet-HLH	glcm	JointAverage	10.52666728
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wavelet-HLH	glcm	ClusterShade	-30.42210228
wavelet-HLH	glcm	MaximumProbability	0.039222011
wavelet-HLH	glcm	Idmn	0.910305363
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wavelet-HLH	glcm	DifferenceEntropy	3.428638833
wavelet-HLH	glcm	InverseVariance	0.198127676
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wavelet-HLH	glcm	Correlation	-0.00961269
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wavelet-HLH	glcm	Imc2	0.987453468
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wavelet-HLH	glcm	DifferenceAverage	5.097989659
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wavelet-HLH	firstorder	InterquartileRange	142.1399314
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wavelet-HLH	firstorder	Uniformity	0.079365079
wavelet-HLH	firstorder	Median	12.06292467
wavelet-HLH	firstorder	Energy	792339.6987
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	59.26383795
wavelet-HLH	firstorder	MeanAbsoluteDeviation	88.50402106
wavelet-HLH	firstorder	TotalEnergy	21393171.86
wavelet-HLH	firstorder	Maximum	219.2380599
wavelet-HLH	firstorder	RootMeanSquared	112.1464249
wavelet-HLH	firstorder	90Percentile	167.729175
wavelet-HLH	firstorder	Minimum	-227.537623
wavelet-HLH	firstorder	Entropy	3.862067527
wavelet-HLH	firstorder	Range	446.7756828
wavelet-HLH	firstorder	Variance	12558.74872

wavelet-HLH	firstorder	10Percentile	-158.2301833
wavelet-HLH	firstorder	Kurtosis	2.402770567
wavelet-HLH	firstorder	Mean	4.251104722
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.037347111
wavelet-HLH	glrlm	GrayLevelVariance	20.06984465
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.037758102
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.077941042
wavelet-HLH	glrlm	RunVariance	0.038972526
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.718785041
wavelet-HLH	glrlm	LongRunEmphasis	1.122847917
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	130.2447383
wavelet-HLH	glrlm	RunLengthNonUniformity	55.8519202
wavelet-HLH	glrlm	ShortRunEmphasis	0.969288021
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	150.4749055
wavelet-HLH	glrlm	RunPercentage	0.960927961
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.039402067
wavelet-HLH	glrlm	RunEntropy	4.017627797
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	134.2907718
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.922054948
wavelet-HLH	glszm	GrayLevelVariance	23.86997809
wavelet-HLH	glszm	ZoneVariance	2.208911614
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.069393718
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.507669832
wavelet-HLH	glszm	SizeZoneNonUniformity	18.78378378
wavelet-HLH	glszm	GrayLevelNonUniformity	2.567567568
wavelet-HLH	glszm	LargeAreaEmphasis	5.108108108
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	87.24865416
wavelet-HLH	glszm	ZonePercentage	0.587301587
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.107144237
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	617.5675676
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	133.2702703
wavelet-HLH	glszm	SmallAreaEmphasis	0.734916958
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.052511704
wavelet-HLH	glszm	ZoneEntropy	4.553651676
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.048285945
wavelet-HLH	ngtdm	Coarseness	0.069027812
wavelet-HLH	ngtdm	Complexity	483.9962821
wavelet-HLH	ngtdm	Strength	7.534635996
wavelet-HLH	ngtdm	Contrast	0.478875436
wavelet-HLH	ngtdm	Busyness	0.080454478

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general	info	MaskHash	7
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	35
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original	shape	MinorAxis	11.275846
original	shape	Elongation	0.82654471
original	shape	SurfaceVolumeRatio	0.564035419
original	shape	Volume	945
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original	shape	Flatness	0.707806996
original	shape	LeastAxis	9.656008437
original	shape	Maximum2DDiameterColumn	10.81665383
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original	gldm	GrayLevelVariance	103.5477551
original	gldm	HighGrayLevelEmphasis	400.3714286
original	gldm	DependenceEntropy	4.536286231
original	gldm	DependenceNonUniformity	17.97142857
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original	gldm	SmallDependenceEmphasis	0.717460317
original	gldm	SmallDependenceHighGrayLevelEmphasis	259.531746
original	gldm	DependenceNonUniformityNormalized	0.513469388
original	gldm	LargeDependenceEmphasis	2.257142857
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.05117022
original	gldm	DependenceVariance	0.297142857
original	gldm	LargeDependenceHighGrayLevelEmphasis	976.4285714
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original	gldm	LowGrayLevelEmphasis	0.045178278
original	glcm	JointAverage	20.29840556

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original	glcm	ClusterProminence	112969.1549
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original	glcm	ClusterTendency	231.8765355
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original	firstorder	Skewness	0.270573424
original	firstorder	Uniformity	0.053061224
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original	firstorder	Energy	8817494
original	firstorder	RobustMeanAbsoluteDeviation	169.4019204
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original	firstorder	Mean	-432.8
original	glrlm	ShortRunLowGrayLevelEmphasis	0.045774344
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original	glrlm	LowGrayLevelRunEmphasis	0.045828182
original	glrlm	GrayLevelNonUniformityNormalized	0.052959696
original	glrlm	RunVariance	0.015358964
original	glrlm	GrayLevelNonUniformity	1.825174825
original	glrlm	LongRunEmphasis	1.047922666
original	glrlm	ShortRunHighGrayLevelEmphasis	393.4042541
original	glrlm	RunLengthNonUniformity	33.42588784
original	glrlm	ShortRunEmphasis	0.988019334
original	glrlm	LongRunHighGrayLevelEmphasis	422.038818
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original	glrlm	RunEntropy	4.395097779

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original	glrlm	RunLengthNonUniformityNormalized	0.969282072
original	glszm	GrayLevelVariance	107.0306122
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original	glszm	SizeZoneNonUniformityNormalized	0.650510204
original	glszm	SizeZoneNonUniformity	18.21428571
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original	glszm	HighGrayLevelZoneEmphasis	381.6428571
original	glszm	SmallAreaEmphasis	0.834325397
original	glszm	LowGrayLevelZoneEmphasis	0.055343574
original	glszm	ZoneEntropy	4.494680368
original	glszm	SmallAreaLowGrayLevelEmphasis	0.054714872
original	ngtdm	Coarseness	0.073146291
original	ngtdm	Complexity	2432.519362
original	ngtdm	Strength	37.32757588
original	ngtdm	Contrast	3.162262576
original	ngtdm	Busyness	0.043626291
wavelet-HHH	gldm	GrayLevelVariance	2.053877551
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wavelet-HHH	gldm	DependenceEntropy	4.204582218
wavelet-HHH	gldm	DependenceNonUniformity	6.942857143
wavelet-HHH	gldm	GrayLevelNonUniformity	6.828571429
wavelet-HHH	gldm	SmallDependenceEmphasis	0.352488095
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	7.307670635
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.198367347
wavelet-HHH	gldm	LargeDependenceEmphasis	13.68571429
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.790078879
wavelet-HHH	gldm	DependenceVariance	3.627755102
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wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.059168134
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.096967768
wavelet-HHH	glcm	JointAverage	4.486809307
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wavelet-HHH	glcm	ClusterProminence	29.51204514
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wavelet-HHH	glrlm	GrayLevelVariance	2.169700494
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wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.190901107
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wavelet-HHH	glrlm	LongRunEmphasis	1.290333721
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	19.4905824
wavelet-HHH	glrlm	RunLengthNonUniformity	27.10436803
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	27.00906658
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wavelet-HLL	glcm	JointAverage	22.89932355
wavelet-HLL	glcm	SumAverage	45.7986471
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wavelet-HLL	glcm	ClusterShade	-921.9291433
wavelet-HLL	glcm	MaximumProbability	0.054638943
wavelet-HLL	glcm	Idmn	0.920368938
wavelet-HLL	glcm	JointEnergy	0.036073426
wavelet-HLL	glcm	Contrast	133.3698131
wavelet-HLL	glcm	DifferenceEntropy	3.261680922
wavelet-HLL	glcm	InverseVariance	0.127415141
wavelet-HLL	glcm	DifferenceVariance	32.48562492
wavelet-HLL	glcm	Idn	0.815610674
wavelet-HLL	glcm	Idm	0.117430424
wavelet-HLL	glcm	Correlation	0.341617382
wavelet-HLL	glcm	Autocorrelation	563.7391658
wavelet-HLL	glcm	SumEntropy	3.703364621
wavelet-HLL	glcm	SumSquares	104.0210319
wavelet-HLL	glcm	ClusterProminence	148181.0372
wavelet-HLL	glcm	Imc2	0.99868639
wavelet-HLL	glcm	Imc1	-0.769805986
wavelet-HLL	glcm	DifferenceAverage	9.314808181
wavelet-HLL	glcm	Id	0.1948683
wavelet-HLL	glcm	ClusterTendency	282.7143143
wavelet-HLL	firstorder	InterquartileRange	382.7159913
wavelet-HLL	firstorder	Skewness	-0.529839721
wavelet-HLL	firstorder	Uniformity	0.056326531
wavelet-HLL	firstorder	Median	-0.611200853
wavelet-HLL	firstorder	Energy	2346087.833
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	148.3078169
wavelet-HLL	firstorder	MeanAbsoluteDeviation	209.8122529
wavelet-HLL	firstorder	TotalEnergy	63344371.49
wavelet-HLL	firstorder	Maximum	302.9870718
wavelet-HLL	firstorder	RootMeanSquared	258.9036132

wavelet-HLL	firstorder	90Percentile	268.9147609
wavelet-HLL	firstorder	Minimum	-578.9342289
wavelet-HLL	firstorder	Entropy	4.300153017
wavelet-HLL	firstorder	Range	881.9213006
wavelet-HLL	firstorder	Variance	65297.13017
wavelet-HLL	firstorder	10Percentile	-428.0859448
wavelet-HLL	firstorder	Kurtosis	2.191720157
wavelet-HLL	firstorder	Mean	-41.64073448
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.035264648
wavelet-HLL	glrlm	GrayLevelVariance	104.2121396
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.035286541
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.055755647
wavelet-HLL	glrlm	RunVariance	0.021807904
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.909465993
wavelet-HLL	glrlm	LongRunEmphasis	1.07091201
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	599.6913512
wavelet-HLL	glrlm	RunLengthNonUniformity	32.80845972
wavelet-HLL	glrlm	ShortRunEmphasis	0.982271997
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	682.7610922
wavelet-HLL	glrlm	RunPercentage	0.978021978
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.035374113
wavelet-HLL	glrlm	RunEntropy	4.346824001
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	616.3052994
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.956384192
wavelet-HLL	glszm	GrayLevelVariance	105.122085
wavelet-HLL	glszm	ZoneVariance	0.430727023
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.053497942
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.68175583
wavelet-HLL	glszm	SizeZoneNonUniformity	18.40740741
wavelet-HLL	glszm	GrayLevelNonUniformity	1.444444444
wavelet-HLL	glszm	LargeAreaEmphasis	2.111111111
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	390.877572
wavelet-HLL	glszm	ZonePercentage	0.771428571
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.045702161
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1588.444444
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	530.7037037
wavelet-HLL	glszm	SmallAreaEmphasis	0.845679012
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.044357633
wavelet-HLL	glszm	ZoneEntropy	4.356558335
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.044160299
wavelet-HLL	ngtdm	Coarseness	0.115096935
wavelet-HLL	ngtdm	Complexity	1532.015417
wavelet-HLL	ngtdm	Strength	57.97920918
wavelet-HLL	ngtdm	Contrast	2.280418327
wavelet-HLL	ngtdm	Busyness	0.018488053
wavelet-LHL	gldm	GrayLevelVariance	80.57632653
wavelet-LHL	gldm	HighGrayLevelEmphasis	391.3428571
wavelet-LHL	gldm	DependenceEntropy	4.45757516
wavelet-LHL	gldm	DependenceNonUniformity	18.54285714
wavelet-LHL	gldm	GrayLevelNonUniformity	1.742857143
wavelet-LHL	gldm	SmallDependenceEmphasis	0.752380952
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	302.2095238
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.529795918
wavelet-LHL	gldm	LargeDependenceEmphasis	2.371428571

wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.050871676
wavelet-LHL	gldm	DependenceVariance	0.411428571
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	772.2571429
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.033279065
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.035607111
wavelet-LHL	glcm	JointAverage	17.01589894
wavelet-LHL	glcm	SumAverage	34.03179788
wavelet-LHL	glcm	JointEntropy	4.849452156
wavelet-LHL	glcm	ClusterShade	1011.543692
wavelet-LHL	glcm	MaximumProbability	0.052378387
wavelet-LHL	glcm	ldmn	0.936829161
wavelet-LHL	glcm	JointEnergy	0.036161493
wavelet-LHL	glcm	Contrast	89.60838524
wavelet-LHL	glcm	DifferenceEntropy	3.154070515
wavelet-LHL	glcm	InverseVariance	0.144825266
wavelet-LHL	glcm	DifferenceVariance	29.01985391
wavelet-LHL	glcm	ldn	0.836810253
wavelet-LHL	glcm	ldm	0.123024329
wavelet-LHL	glcm	Correlation	0.446731357
wavelet-LHL	glcm	Autocorrelation	328.1631638
wavelet-LHL	glcm	SumEntropy	3.70014814
wavelet-LHL	glcm	SumSquares	82.96228568
wavelet-LHL	glcm	ClusterProminence	123087.0088
wavelet-LHL	glcm	lmc2	0.999188308
wavelet-LHL	glcm	lmc1	-0.803794706
wavelet-LHL	glcm	DifferenceAverage	7.380161059
wavelet-LHL	glcm	ld	0.212642332
wavelet-LHL	glcm	ClusterTendency	242.2407575
wavelet-LHL	firstorder	InterquartileRange	314.8139617
wavelet-LHL	firstorder	Skewness	0.185728774
wavelet-LHL	firstorder	Uniformity	0.049795918
wavelet-LHL	firstorder	Median	-6.512358271
wavelet-LHL	firstorder	Energy	1819566.019
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	143.2242317
wavelet-LHL	firstorder	MeanAbsoluteDeviation	190.9818025
wavelet-LHL	firstorder	TotalEnergy	49128282.51
wavelet-LHL	firstorder	Maximum	388.7192676
wavelet-LHL	firstorder	RootMeanSquared	228.0078958
wavelet-LHL	firstorder	90Percentile	308.9315483
wavelet-LHL	firstorder	Minimum	-446.897996
wavelet-LHL	firstorder	Entropy	4.45757516
wavelet-LHL	firstorder	Range	835.6172636
wavelet-LHL	firstorder	Variance	51562.06714
wavelet-LHL	firstorder	10Percentile	-292.1331729
wavelet-LHL	firstorder	Kurtosis	2.016194513
wavelet-LHL	firstorder	Mean	-20.62846076
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.035885346
wavelet-LHL	glrlm	GrayLevelVariance	80.31385925
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.036011965
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.049584594
wavelet-LHL	glrlm	RunVariance	0.015346621
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.708891109
wavelet-LHL	glrlm	LongRunEmphasis	1.048334019
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	388.9082329

wavelet-LHL	glrlm	RunLengthNonUniformity	33.43548608
wavelet-LHL	glrlm	ShortRunEmphasis	0.987916495
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	407.6361227
wavelet-LHL	glrlm	RunPercentage	0.984615385
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.036518438
wavelet-LHL	glrlm	RunEntropy	4.475152289
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	392.6538109
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.969306758
wavelet-LHL	glszm	GrayLevelVariance	77.34363853
wavelet-LHL	glszm	ZoneVariance	0.233055886
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.048751486
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.705112961
wavelet-LHL	glszm	SizeZoneNonUniformity	20.44827586
wavelet-LHL	glszm	GrayLevelNonUniformity	1.413793103
wavelet-LHL	glszm	LargeAreaEmphasis	1.689655172
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	347.2969349
wavelet-LHL	glszm	ZonePercentage	0.828571429
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.04803743
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	621.137931
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	400.1034483
wavelet-LHL	glszm	SmallAreaEmphasis	0.865900383
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.040981227
wavelet-LHL	glszm	ZoneEntropy	4.487122805
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.039815835
wavelet-LHL	ngtdm	Coarseness	0.142945402
wavelet-LHL	ngtdm	Complexity	1242.235178
wavelet-LHL	ngtdm	Strength	57.7055248
wavelet-LHL	ngtdm	Contrast	1.180240875
wavelet-LHL	ngtdm	Busyness	0.029450172
wavelet-LHH	gldm	GrayLevelVariance	12.85387755
wavelet-LHH	gldm	HighGrayLevelEmphasis	199.3714286
wavelet-LHH	gldm	DependenceEntropy	4.079143374
wavelet-LHH	gldm	DependenceNonUniformity	12.6
wavelet-LHH	gldm	GrayLevelNonUniformity	4.028571429
wavelet-LHH	gldm	SmallDependenceEmphasis	0.54484127
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	112.2031746
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.36
wavelet-LHH	gldm	LargeDependenceEmphasis	3.971428571
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.055348198
wavelet-LHH	gldm	DependenceVariance	0.731428571
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	702.7428571
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.031520116
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.034293669
wavelet-LHH	glcm	JointAverage	13.39419831
wavelet-LHH	glcm	SumAverage	26.78839663
wavelet-LHH	glcm	JointEntropy	4.592943823
wavelet-LHH	glcm	ClusterShade	-60.2179925
wavelet-LHH	glcm	MaximumProbability	0.07502308
wavelet-LHH	glcm	ldmn	0.955158577
wavelet-LHH	glcm	JointEnergy	0.045218687
wavelet-LHH	glcm	Contrast	23.97987875
wavelet-LHH	glcm	DifferenceEntropy	2.747133081
wavelet-LHH	glcm	InverseVariance	0.277116544
wavelet-LHH	glcm	DifferenceVariance	9.815536246

wavelet-LHH	glcm	Idn	0.862985731
wavelet-LHH	glcm	Idm	0.233282702
wavelet-LHH	glcm	Correlation	-0.005126687
wavelet-LHH	glcm	Autocorrelation	179.5785634
wavelet-LHH	glcm	SumEntropy	3.235110955
wavelet-LHH	glcm	SumSquares	12.01458574
wavelet-LHH	glcm	ClusterProminence	2191.707943
wavelet-LHH	glcm	Imc2	0.986098887
wavelet-LHH	glcm	Imc1	-0.572396776
wavelet-LHH	glcm	DifferenceAverage	3.688032223
wavelet-LHH	glcm	Id	0.325103441
wavelet-LHH	glcm	ClusterTendency	24.0784642
wavelet-LHH	firstorder	InterquartileRange	102.6584311
wavelet-LHH	firstorder	Skewness	-1.078001823
wavelet-LHH	firstorder	Uniformity	0.115102041
wavelet-LHH	firstorder	Median	3.840195234
wavelet-LHH	firstorder	Energy	273369.7259
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	45.821738
wavelet-LHH	firstorder	MeanAbsoluteDeviation	67.07426072
wavelet-LHH	firstorder	TotalEnergy	7380982.598
wavelet-LHH	firstorder	Maximum	188.0453823
wavelet-LHH	firstorder	RootMeanSquared	88.37739301
wavelet-LHH	firstorder	90Percentile	86.47963624
wavelet-LHH	firstorder	Minimum	-306.2083479
wavelet-LHH	firstorder	Entropy	3.293887847
wavelet-LHH	firstorder	Range	494.2537303
wavelet-LHH	firstorder	Variance	7790.968545
wavelet-LHH	firstorder	10Percentile	-92.51732864
wavelet-LHH	firstorder	Kurtosis	5.486405709
wavelet-LHH	firstorder	Mean	4.426629703
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.035018377
wavelet-LHH	glrlm	GrayLevelVariance	13.00266069
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.035179358
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.11473167
wavelet-LHH	glrlm	RunVariance	0.030705585
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.892096139
wavelet-LHH	glrlm	LongRunEmphasis	1.096256684
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	195.7646021
wavelet-LHH	glrlm	RunLengthNonUniformity	31.86137392
wavelet-LHH	glrlm	ShortRunEmphasis	0.975935829
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	217.2012536
wavelet-LHH	glrlm	RunPercentage	0.969230769
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.035823285
wavelet-LHH	glrlm	RunEntropy	3.397487306
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	200.0519324
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.938588831
wavelet-LHH	glszm	GrayLevelVariance	15.86389414
wavelet-LHH	glszm	ZoneVariance	0.771266541
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.103969754
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.50094518
wavelet-LHH	glszm	SizeZoneNonUniformity	11.52173913
wavelet-LHH	glszm	GrayLevelNonUniformity	2.391304348
wavelet-LHH	glszm	LargeAreaEmphasis	3.086956522
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	148.7826087

wavelet-LHH	glszm	ZonePercentage	0.657142857
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.062209149
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	596.173913
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	203.4347826
wavelet-LHH	glszm	SmallAreaEmphasis	0.722826087
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.048988311
wavelet-LHH	glszm	ZoneEntropy	3.96900163
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.047383594
wavelet-LHH	ngtdm	Coarseness	0.119754632
wavelet-LHH	ngtdm	Complexity	189.0608881
wavelet-LHH	ngtdm	Strength	10.70557516
wavelet-LHH	ngtdm	Contrast	0.494881541
wavelet-LHH	ngtdm	Busyness	0.061972916
wavelet-LLH	gldm	GrayLevelVariance	132.884898
wavelet-LLH	gldm	HighGrayLevelEmphasis	766.4857143
wavelet-LLH	gldm	DependenceEntropy	4.514718017
wavelet-LLH	gldm	DependenceNonUniformity	27.91428571
wavelet-LLH	gldm	GrayLevelNonUniformity	1.685714286
wavelet-LLH	gldm	SmallDependenceEmphasis	0.914285714
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	711.8857143
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.79755102
wavelet-LLH	gldm	LargeDependenceEmphasis	1.342857143
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038814274
wavelet-LLH	gldm	DependenceVariance	0.10122449
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	984.8857143
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.034266169
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.03517579
wavelet-LLH	glcm	JointAverage	26.19899703
wavelet-LLH	glcm	SumAverage	52.39799406
wavelet-LLH	glcm	JointEntropy	4.885331459
wavelet-LLH	glcm	ClusterShade	-3800.13219
wavelet-LLH	glcm	MaximumProbability	0.043568641
wavelet-LLH	glcm	Idmn	0.891603262
wavelet-LLH	glcm	JointEnergy	0.034946946
wavelet-LLH	glcm	Contrast	241.9559831
wavelet-LLH	glcm	DifferenceEntropy	3.294075799
wavelet-LLH	glcm	InverseVariance	0.146563228
wavelet-LLH	glcm	DifferenceVariance	78.06443298
wavelet-LLH	glcm	Idn	0.800945801
wavelet-LLH	glcm	Idm	0.096778762
wavelet-LLH	glcm	Correlation	0.141788623
wavelet-LLH	glcm	Autocorrelation	710.5241729
wavelet-LLH	glcm	SumEntropy	3.631777062
wavelet-LLH	glcm	SumSquares	144.6641184
wavelet-LLH	glcm	ClusterProminence	273671.0199
wavelet-LLH	glcm	Imc2	0.999397822
wavelet-LLH	glcm	Imc1	-0.820378079
wavelet-LLH	glcm	DifferenceAverage	11.73684638
wavelet-LLH	glcm	Id	0.173849302
wavelet-LLH	glcm	ClusterTendency	336.7004907
wavelet-LLH	firstorder	InterquartileRange	473.4577397
wavelet-LLH	firstorder	Skewness	-0.65429091
wavelet-LLH	firstorder	Uniformity	0.048163265
wavelet-LLH	firstorder	Median	119.2560783

wavelet-LLH	firstorder	Energy	2899148.866
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	197.9094626
wavelet-LLH	firstorder	MeanAbsoluteDeviation	254.4887094
wavelet-LLH	firstorder	TotalEnergy	78277019.38
wavelet-LLH	firstorder	Maximum	362.5551489
wavelet-LLH	firstorder	RootMeanSquared	287.8069227
wavelet-LLH	firstorder	90Percentile	277.6206171
wavelet-LLH	firstorder	Minimum	-617.2931817
wavelet-LLH	firstorder	Entropy	4.514718017
wavelet-LLH	firstorder	Range	979.8483306
wavelet-LLH	firstorder	Variance	82746.87348
wavelet-LLH	firstorder	10Percentile	-448.9215775
wavelet-LLH	firstorder	Kurtosis	2.026399692
wavelet-LLH	firstorder	Mean	-9.270990281
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.035250923
wavelet-LLH	glrlm	GrayLevelVariance	132.4921721
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.035286938
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048206287
wavelet-LLH	glrlm	RunVariance	0.004391802
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.679767292
wavelet-LLH	glrlm	LongRunEmphasis	1.013574661
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	764.9098578
wavelet-LLH	glrlm	RunLengthNonUniformity	34.54751131
wavelet-LLH	glrlm	ShortRunEmphasis	0.996606335
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	775.7186813
wavelet-LLH	glrlm	RunPercentage	0.995604396
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.035430995
wavelet-LLH	glrlm	RunEntropy	4.51455308
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	767.0716225
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.991216396
wavelet-LLH	glszm	GrayLevelVariance	127.9412305
wavelet-LLH	glszm	ZoneVariance	0.056932966
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.048668503
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.886134068
wavelet-LLH	glszm	SizeZoneNonUniformity	29.24242424
wavelet-LLH	glszm	GrayLevelNonUniformity	1.606060606
wavelet-LLH	glszm	LargeAreaEmphasis	1.181818182
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	745.3787879
wavelet-LLH	glszm	ZonePercentage	0.942857143
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.038593989
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	890.1515152
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	774.3333333
wavelet-LLH	glszm	SmallAreaEmphasis	0.954545455
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.03666449
wavelet-LLH	glszm	ZoneEntropy	4.513794877
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.036182115
wavelet-LLH	ngtdm	Coarseness	0.076686389
wavelet-LLH	ngtdm	Complexity	3090.671583
wavelet-LLH	ngtdm	Strength	50.08408734
wavelet-LLH	ngtdm	Contrast	3.585427756
wavelet-LLH	ngtdm	Busyness	0.024543145
wavelet-LLL	gldm	GrayLevelVariance	468.7053061
wavelet-LLL	gldm	HighGrayLevelEmphasis	1932.314286
wavelet-LLL	gldm	DependenceEntropy	4.786425874

wavelet-LLL	gldm	DependenceNonUniformity	27.91428571
wavelet-LLL	gldm	GrayLevelNonUniformity	1.457142857
wavelet-LLL	gldm	SmallDependenceEmphasis	0.914285714
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1880.457143
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.79755102
wavelet-LLL	gldm	LargeDependenceEmphasis	1.342857143
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.032908536
wavelet-LLL	gldm	DependenceVariance	0.10122449
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2139.742857
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.030940807
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.031334353
wavelet-LLL	glcm	JointAverage	44.98156305
wavelet-LLL	glcm	SumAverage	89.9631261
wavelet-LLL	glcm	JointEntropy	4.930993691
wavelet-LLL	glcm	ClusterShade	-5179.511079
wavelet-LLL	glcm	MaximumProbability	0.038797096
wavelet-LLL	glcm	Idmn	0.913669328
wavelet-LLL	glcm	JointEnergy	0.03355393
wavelet-LLL	glcm	Contrast	789.1583832
wavelet-LLL	glcm	DifferenceEntropy	3.700136968
wavelet-LLL	glcm	InverseVariance	0.03790827
wavelet-LLL	glcm	DifferenceVariance	232.9222895
wavelet-LLL	glcm	Idn	0.803858432
wavelet-LLL	glcm	Idm	0.032667511
wavelet-LLL	glcm	Correlation	0.176529044
wavelet-LLL	glcm	Autocorrelation	2105.997638
wavelet-LLL	glcm	SumEntropy	3.825063605
wavelet-LLL	glcm	SumSquares	472.7731538
wavelet-LLL	glcm	ClusterProminence	2778240.56
wavelet-LLL	glcm	Imc2	0.999826395
wavelet-LLL	glcm	Imc1	-0.896526168
wavelet-LLL	glcm	DifferenceAverage	23.16188136
wavelet-LLL	glcm	Id	0.087820682
wavelet-LLL	glcm	ClusterTendency	1101.934232
wavelet-LLL	firstorder	InterquartileRange	836.3382213
wavelet-LLL	firstorder	Skewness	0.29879863
wavelet-LLL	firstorder	Uniformity	0.041632653
wavelet-LLL	firstorder	Median	-1424.127935
wavelet-LLL	firstorder	Energy	76849086.16
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	327.0906557
wavelet-LLL	firstorder	MeanAbsoluteDeviation	450.2071015
wavelet-LLL	firstorder	TotalEnergy	2074925326
wavelet-LLL	firstorder	Maximum	-175.210354
wavelet-LLL	firstorder	RootMeanSquared	1481.785469
wavelet-LLL	firstorder	90Percentile	-670.9241842
wavelet-LLL	firstorder	Minimum	-2305.630822
wavelet-LLL	firstorder	Entropy	4.707714803
wavelet-LLL	firstorder	Range	2130.420468
wavelet-LLL	firstorder	Variance	292061.8235
wavelet-LLL	firstorder	10Percentile	-2056.375262
wavelet-LLL	firstorder	Kurtosis	2.229015642
wavelet-LLL	firstorder	Mean	-1379.719664
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.03143978
wavelet-LLL	glrlm	GrayLevelVariance	469.0314528



wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.031455362
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.04148262
wavelet-LLL	glrlm	RunVariance	0.004391802
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.445636716
wavelet-LLL	glrlm	LongRunEmphasis	1.013574661
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1936.267065
wavelet-LLL	glrlm	RunLengthNonUniformity	34.54751131
wavelet-LLL	glrlm	ShortRunEmphasis	0.996606335
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1946.532902
wavelet-LLL	glrlm	RunPercentage	0.995604396
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.031517688
wavelet-LLL	glrlm	RunEntropy	4.714655932
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1938.320233
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.991216396
wavelet-LLL	glszm	GrayLevelVariance	472.7897153
wavelet-LLL	glszm	ZoneVariance	0.056932966
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.039485767
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.886134068
wavelet-LLL	glszm	SizeZoneNonUniformity	29.24242424
wavelet-LLL	glszm	GrayLevelNonUniformity	1.303030303
wavelet-LLL	glszm	LargeAreaEmphasis	1.181818182
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1985.257576
wavelet-LLL	glszm	ZonePercentage	0.942857143
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.033789934
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2122.757576
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2012.757576
wavelet-LLL	glszm	SmallAreaEmphasis	0.954545455
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.03295514
wavelet-LLL	glszm	ZoneEntropy	4.801969877
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.032746441
wavelet-LLL	ngtdm	Coarseness	0.043472852
wavelet-LLL	ngtdm	Complexity	13190.82664
wavelet-LLL	ngtdm	Strength	99.33890412
wavelet-LLL	ngtdm	Contrast	19.49839151
wavelet-LLL	ngtdm	Busyness	0.037463944
wavelet-HHL	gldm	GrayLevelVariance	12.07836735
wavelet-HHL	gldm	HighGrayLevelEmphasis	49.11428571
wavelet-HHL	gldm	DependenceEntropy	4.164299088
wavelet-HHL	gldm	DependenceNonUniformity	9.971428571
wavelet-HHL	gldm	GrayLevelNonUniformity	3.571428571
wavelet-HHL	gldm	SmallDependenceEmphasis	0.467460317
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	34.29186508
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.284897959
wavelet-HHL	gldm	LargeDependenceEmphasis	5.685714286
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.63122039
wavelet-HHL	gldm	DependenceVariance	1.093877551
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	167.1142857
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.033466329
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.114904694
wavelet-HHL	glcm	JointAverage	6.071612435
wavelet-HHL	glcm	SumAverage	12.14322487
wavelet-HHL	glcm	JointEntropy	4.6342216
wavelet-HHL	glcm	ClusterShade	41.13217132
wavelet-HHL	glcm	MaximumProbability	0.069363961

wavelet-HHL	glcm	Idmn	0.900928586
wavelet-HHL	glcm	JointEnergy	0.043655379
wavelet-HHL	glcm	Contrast	26.16771728
wavelet-HHL	glcm	DifferenceEntropy	2.699006712
wavelet-HHL	glcm	InverseVariance	0.218991252
wavelet-HHL	glcm	DifferenceVariance	7.408522988
wavelet-HHL	glcm	Idn	0.801020078
wavelet-HHL	glcm	Idm	0.231622046
wavelet-HHL	glcm	Correlation	-0.024860229
wavelet-HHL	glcm	Autocorrelation	36.40158452
wavelet-HHL	glcm	SumEntropy	3.188967132
wavelet-HHL	glcm	SumSquares	12.49794016
wavelet-HHL	glcm	ClusterProminence	1635.488591
wavelet-HHL	glcm	Imc2	0.992249647
wavelet-HHL	glcm	Imc1	-0.635779358
wavelet-HHL	glcm	DifferenceAverage	3.987501591
wavelet-HHL	glcm	Id	0.324270263
wavelet-HHL	glcm	ClusterTendency	23.82404335
wavelet-HHL	firstorder	InterquartileRange	112.4398842
wavelet-HHL	firstorder	Skewness	0.535537317
wavelet-HHL	firstorder	Uniformity	0.102040816
wavelet-HHL	firstorder	Median	-3.957621768
wavelet-HHL	firstorder	Energy	268014.7496
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	50.73380342
wavelet-HHL	firstorder	MeanAbsoluteDeviation	72.11921831
wavelet-HHL	firstorder	TotalEnergy	7236398.238
wavelet-HHL	firstorder	Maximum	203.6614502
wavelet-HHL	firstorder	RootMeanSquared	87.50750981
wavelet-HHL	firstorder	90Percentile	133.2469618
wavelet-HHL	firstorder	Minimum	-119.4187245
wavelet-HHL	firstorder	Entropy	3.475731503
wavelet-HHL	firstorder	Range	323.0801748
wavelet-HHL	firstorder	Variance	7442.07748
wavelet-HHL	firstorder	10Percentile	-84.78762946
wavelet-HHL	firstorder	Kurtosis	2.494136292
wavelet-HHL	firstorder	Mean	14.67946842
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.1099564
wavelet-HHL	glrlm	GrayLevelVariance	12.30269462
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.11446916
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.100376621
wavelet-HHL	glrlm	RunVariance	0.043248114
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.359431939
wavelet-HHL	glrlm	LongRunEmphasis	1.145724585
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	49.25192599
wavelet-HHL	glrlm	RunLengthNonUniformity	30.70793262
wavelet-HHL	glrlm	ShortRunEmphasis	0.963568854
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	54.06923889
wavelet-HHL	glrlm	RunPercentage	0.956043956
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.132520202
wavelet-HHL	glrlm	RunEntropy	3.619644146
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	50.21538857
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.913503771
wavelet-HHL	glszm	GrayLevelVariance	14.06
wavelet-HHL	glszm	ZoneVariance	1.5875

wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.09
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.465
wavelet-HHL	glszm	SizeZoneNonUniformity	9.3
wavelet-HHL	glszm	GrayLevelNonUniformity	1.8
wavelet-HHL	glszm	LargeAreaEmphasis	4.65
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	56.66394444
wavelet-HHL	glszm	ZonePercentage	0.571428571
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.496643221
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	155.95
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	65.9
wavelet-HHL	glszm	SmallAreaEmphasis	0.702611111
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.09757362
wavelet-HHL	glszm	ZoneEntropy	3.88418372
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.038658895
wavelet-HHL	ngtdm	Coarseness	0.108175727
wavelet-HHL	ngtdm	Complexity	210.9316304
wavelet-HHL	ngtdm	Strength	6.879690563
wavelet-HHL	ngtdm	Contrast	0.485593579
wavelet-HHL	ngtdm	Busyness	0.19443968
wavelet-HLH	gldm	GrayLevelVariance	8.82122449
wavelet-HLH	gldm	HighGrayLevelEmphasis	64.85714286
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wavelet-HLH	gldm	GrayLevelNonUniformity	4.314285714
wavelet-HLH	gldm	SmallDependenceEmphasis	0.503968254
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	38.79047619
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.299591837
wavelet-HLH	gldm	LargeDependenceEmphasis	6.428571429
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.18957805
wavelet-HLH	gldm	DependenceVariance	1.588571429
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	359.8857143
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.044707876
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.057595381
wavelet-HLH	glcm	JointAverage	7.466076158
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wavelet-HLH	glcm	ClusterShade	13.22528463
wavelet-HLH	glcm	MaximumProbability	0.090046484
wavelet-HLH	glcm	Idmn	0.939177532
wavelet-HLH	glcm	JointEnergy	0.049236665
wavelet-HLH	glcm	Contrast	13.90998868
wavelet-HLH	glcm	DifferenceEntropy	2.597294302
wavelet-HLH	glcm	InverseVariance	0.268586909
wavelet-HLH	glcm	DifferenceVariance	4.309648586
wavelet-HLH	glcm	Idn	0.835881769
wavelet-HLH	glcm	Idm	0.266572259
wavelet-HLH	glcm	Correlation	0.032201852
wavelet-HLH	glcm	Autocorrelation	56.61489202
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wavelet-HLH	glcm	SumSquares	7.375637795
wavelet-HLH	glcm	ClusterProminence	734.2004933
wavelet-HLH	glcm	Imc2	0.977938452
wavelet-HLH	glcm	Imc1	-0.52627319
wavelet-HLH	glcm	DifferenceAverage	3.015920679

wavelet-HLH	glcm	Id	0.359490255
wavelet-HLH	glcm	ClusterTendency	15.5925625
wavelet-HLH	firstorder	InterquartileRange	84.17655585
wavelet-HLH	firstorder	Skewness	0.278531541
wavelet-HLH	firstorder	Uniformity	0.123265306
wavelet-HLH	firstorder	Median	0.749414932
wavelet-HLH	firstorder	Energy	196963.1413
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	38.45826227
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.4767245
wavelet-HLH	firstorder	TotalEnergy	5318004.814
wavelet-HLH	firstorder	Maximum	174.784112
wavelet-HLH	firstorder	RootMeanSquared	75.01678693
wavelet-HLH	firstorder	90Percentile	96.95534013
wavelet-HLH	firstorder	Minimum	-153.3077171
wavelet-HLH	firstorder	Entropy	3.257117662
wavelet-HLH	firstorder	Range	328.0918291
wavelet-HLH	firstorder	Variance	5627.203034
wavelet-HLH	firstorder	10Percentile	-92.87758844
wavelet-HLH	firstorder	Kurtosis	2.838055822
wavelet-HLH	firstorder	Mean	-0.561504865
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.058303106
wavelet-HLH	glrlm	GrayLevelVariance	9.088395761
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.059213222
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.120161424
wavelet-HLH	glrlm	RunVariance	0.050461371
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.015002202
wavelet-HLH	glrlm	LongRunEmphasis	1.153684709
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	63.47597952
wavelet-HLH	glrlm	RunLengthNonUniformity	30.54013349
wavelet-HLH	glrlm	ShortRunEmphasis	0.964168825
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	73.74188051
wavelet-HLH	glrlm	RunPercentage	0.953846154
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.063015561
wavelet-HLH	glrlm	RunEntropy	3.430397065
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	65.39655158
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.912639454
wavelet-HLH	glszm	GrayLevelVariance	12.8275
wavelet-HLH	glszm	ZoneVariance	2.3875
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.095
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.585
wavelet-HLH	glszm	SizeZoneNonUniformity	11.7
wavelet-HLH	glszm	GrayLevelNonUniformity	1.9
wavelet-HLH	glszm	LargeAreaEmphasis	5.45
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	62.59583333
wavelet-HLH	glszm	ZonePercentage	0.571428571
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.189686899
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	303.2
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	74.45
wavelet-HLH	glszm	SmallAreaEmphasis	0.776388889
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.081670813
wavelet-HLH	glszm	ZoneEntropy	3.921928095
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.075573428
wavelet-HLH	ngtdm	Coarseness	0.145966051
wavelet-HLH	ngtdm	Complexity	121.6813103

wavelet-HLH	ngtdm	Strength	8.465815954
wavelet-HLH	ngtdm	Contrast	0.271443618
wavelet-HLH	ngtdm	Busyness	0.091380253

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general	info	MaskHash	255
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	688
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original	shape	SurfaceVolumeRatio	0.261008574
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original	shape	MajorAxis	39.44040362
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original	gldm	HighGrayLevelEmphasis	1242.178779
original	gldm	DependenceEntropy	6.659780213
original	gldm	DependenceNonUniformity	149.2877907
original	gldm	GrayLevelNonUniformity	56.60755814
original	gldm	SmallDependenceEmphasis	0.474978518
original	gldm	SmallDependenceHighGrayLevelEmphasis	389.7137091
original	gldm	DependenceNonUniformityNormalized	0.216988068
original	gldm	LargeDependenceEmphasis	32.48546512
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.038954679
original	gldm	DependenceVariance	16.57835316
original	gldm	LargeDependenceHighGrayLevelEmphasis	58501.29506

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007197101
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original	glcm	JointAverage	34.72490243
original	glcm	SumAverage	69.44980487
original	glcm	JointEntropy	7.504284724
original	glcm	ClusterShade	-7771.291707
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original	glcm	SumEntropy	5.303332192
original	glcm	SumSquares	144.8670955
original	glcm	ClusterProminence	450671.8274
original	glcm	lmc2	0.939383121
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original	glcm	DifferenceAverage	9.174433722
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original	glcm	ClusterTendency	378.9429686
original	firstorder	InterquartileRange	479.75
original	firstorder	Skewness	-0.970513925
original	firstorder	Uniformity	0.082278428
original	firstorder	Median	-31.5
original	firstorder	Energy	103590872
original	firstorder	RobustMeanAbsoluteDeviation	212.6137295
original	firstorder	MeanAbsoluteDeviation	275.2077643
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original	firstorder	Maximum	104
original	firstorder	RootMeanSquared	388.0310914
original	firstorder	90Percentile	49
original	firstorder	Minimum	-1020
original	firstorder	Entropy	4.586612813
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original	firstorder	Kurtosis	2.493420593
original	firstorder	Mean	-217.5523256
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01111478
original	glrlm	GrayLevelVariance	171.349303
original	glrlm	LowGrayLevelRunEmphasis	0.011283356
original	glrlm	GrayLevelNonUniformityNormalized	0.061551526
original	glrlm	RunVariance	0.19766371
original	glrlm	GrayLevelNonUniformity	37.51311884
original	glrlm	LongRunEmphasis	1.475904704
original	glrlm	ShortRunHighGrayLevelEmphasis	1036.756742
original	glrlm	RunLengthNonUniformity	499.8483276

original	glrlm	ShortRunEmphasis	0.923008297
original	glrlm	LongRunHighGrayLevelEmphasis	2022.963071
original	glrlm	RunPercentage	0.885062612
original	glrlm	LongRunLowGrayLevelEmphasis	0.012049574
original	glrlm	RunEntropy	5.225062914
original	glrlm	HighGrayLevelRunEmphasis	1172.440629
original	glrlm	RunLengthNonUniformityNormalized	0.82045303
original	glszm	GrayLevelVariance	159.3437981
original	glszm	ZoneVariance	84.6255942
original	glszm	GrayLevelNonUniformityNormalized	0.025700215
original	glszm	SizeZoneNonUniformityNormalized	0.730275982
original	glszm	SizeZoneNonUniformity	249.754386
original	glszm	GrayLevelNonUniformity	8.789473684
original	glszm	LargeAreaEmphasis	88.67251462
original	glszm	SmallAreaHighGrayLevelEmphasis	675.5192492
original	glszm	ZonePercentage	0.497093023
original	glszm	LargeAreaLowGrayLevelEmphasis	0.075384201
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original	glszm	HighGrayLevelZoneEmphasis	802.9005848
original	glszm	SmallAreaEmphasis	0.877021337
original	glszm	LowGrayLevelZoneEmphasis	0.01627145
original	glszm	ZoneEntropy	5.975339245
original	glszm	SmallAreaLowGrayLevelEmphasis	0.01354055
original	ngtdm	Coarseness	0.003654249
original	ngtdm	Complexity	7188.973889
original	ngtdm	Strength	7.552206742
original	ngtdm	Contrast	1.20974721
original	ngtdm	Busyness	0.128455928
wavelet-HHH	gldm	GrayLevelVariance	22.95641014
wavelet-HHH	gldm	HighGrayLevelEmphasis	441.0043605
wavelet-HHH	gldm	DependenceEntropy	6.206621174
wavelet-HHH	gldm	DependenceNonUniformity	158.3953488
wavelet-HHH	gldm	GrayLevelNonUniformity	48.86627907
wavelet-HHH	gldm	SmallDependenceEmphasis	0.444377109
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	202.8364574
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.230225798
wavelet-HHH	gldm	LargeDependenceEmphasis	10.76453488
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028096705
wavelet-HHH	gldm	DependenceVariance	3.858639805
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4622.443314
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003032203
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.004455463
wavelet-HHH	glcm	JointAverage	20.43436251
wavelet-HHH	glcm	SumAverage	40.86872501
wavelet-HHH	glcm	JointEntropy	7.689528828
wavelet-HHH	glcm	ClusterShade	15.61238113
wavelet-HHH	glcm	MaximumProbability	0.029039705
wavelet-HHH	glcm	ldmn	0.979948562
wavelet-HHH	glcm	JointEnergy	0.007582828
wavelet-HHH	glcm	Contrast	42.85325181
wavelet-HHH	glcm	DifferenceEntropy	3.7237518
wavelet-HHH	glcm	InverseVariance	0.228305738



wavelet-HHH	glcm	DifferenceVariance	20.02372575
wavelet-HHH	glcm	Idn	0.909298199
wavelet-HHH	glcm	Idm	0.220129192
wavelet-HHH	glcm	Correlation	-0.03728522
wavelet-HHH	glcm	Autocorrelation	416.7494577
wavelet-HHH	glcm	SumEntropy	4.557036536
wavelet-HHH	glcm	SumSquares	20.61039079
wavelet-HHH	glcm	ClusterProminence	7901.94063
wavelet-HHH	glcm	Imc2	0.80486553
wavelet-HHH	glcm	Imc1	-0.127396849
wavelet-HHH	glcm	DifferenceAverage	4.752324129
wavelet-HHH	glcm	Id	0.307606032
wavelet-HHH	glcm	ClusterTendency	39.58831133
wavelet-HHH	firstorder	InterquartileRange	120.698204
wavelet-HHH	firstorder	Skewness	0.17317451
wavelet-HHH	firstorder	Uniformity	0.071026568
wavelet-HHH	firstorder	Median	0.618667368
wavelet-HHH	firstorder	Energy	9756527.574
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	52.87116595
wavelet-HHH	firstorder	MeanAbsoluteDeviation	86.08480275
wavelet-HHH	firstorder	TotalEnergy	263426244.5
wavelet-HHH	firstorder	Maximum	577.1334812
wavelet-HHH	firstorder	RootMeanSquared	119.0840014
wavelet-HHH	firstorder	90Percentile	135.6444107
wavelet-HHH	firstorder	Minimum	-479.9298527
wavelet-HHH	firstorder	Entropy	4.202792289
wavelet-HHH	firstorder	Range	1057.063334
wavelet-HHH	firstorder	Variance	14178.02556
wavelet-HHH	firstorder	10Percentile	-143.2588623
wavelet-HHH	firstorder	Kurtosis	5.13456101
wavelet-HHH	firstorder	Mean	-1.724478444
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004474134
wavelet-HHH	glrlm	GrayLevelVariance	24.13191255
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00458818
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.067485936
wavelet-HHH	glrlm	RunVariance	0.07762119
wavelet-HHH	glrlm	GrayLevelNonUniformity	43.5252346
wavelet-HHH	glrlm	LongRunEmphasis	1.215984117
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	422.1968698
wavelet-HHH	glrlm	RunLengthNonUniformity	571.8668491
wavelet-HHH	glrlm	ShortRunEmphasis	0.954071954
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	534.3730076
wavelet-HHH	glrlm	RunPercentage	0.937388193
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.005120056
wavelet-HHH	glrlm	RunEntropy	4.556268949
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	441.8574547
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.886576736
wavelet-HHH	glszm	GrayLevelVariance	39.65781619
wavelet-HHH	glszm	ZoneVariance	29.96966074
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.047562545
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.557817106
wavelet-HHH	glszm	SizeZoneNonUniformity	184.6374622

wavelet-HHH	glszm	GrayLevelNonUniformity	15.74320242
wavelet-HHH	glszm	LargeAreaEmphasis	34.29003021
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	357.4156062
wavelet-HHH	glszm	ZonePercentage	0.481104651
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.085433886
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	14711.08459
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	453.5528701
wavelet-HHH	glszm	SmallAreaEmphasis	0.774398695
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.006543449
wavelet-HHH	glszm	ZoneEntropy	5.739886651
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005911951
wavelet-HHH	ngtdm	Coarseness	0.01019009
wavelet-HHH	ngtdm	Complexity	1935.894621
wavelet-HHH	ngtdm	Strength	4.037421682
wavelet-HHH	ngtdm	Contrast	0.133954926
wavelet-HHH	ngtdm	Busyness	0.106301542
wavelet-HLL	gldm	GrayLevelVariance	89.60829967
wavelet-HLL	gldm	HighGrayLevelEmphasis	1165.696221
wavelet-HLL	gldm	DependenceEntropy	6.732762642
wavelet-HLL	gldm	DependenceNonUniformity	218.7296512
wavelet-HLL	gldm	GrayLevelNonUniformity	23.59593023
wavelet-HLL	gldm	SmallDependenceEmphasis	0.547529657
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	636.1253224
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.317921005
wavelet-HLL	gldm	LargeDependenceEmphasis	7.212209302
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008964148
wavelet-HLL	gldm	DependenceVariance	2.770407991
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8553.75436
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00238463
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002931125
wavelet-HLL	glcm	JointAverage	32.40308435
wavelet-HLL	glcm	SumAverage	64.8061687
wavelet-HLL	glcm	JointEntropy	8.881690168
wavelet-HLL	glcm	ClusterShade	-547.2447622
wavelet-HLL	glcm	MaximumProbability	0.018090279
wavelet-HLL	glcm	ldmn	0.966567558
wavelet-HLL	glcm	JointEnergy	0.00301932
wavelet-HLL	glcm	Contrast	127.2423908
wavelet-HLL	glcm	DifferenceEntropy	4.40371927
wavelet-HLL	glcm	InverseVariance	0.158746337
wavelet-HLL	glcm	DifferenceVariance	59.70860485
wavelet-HLL	glcm	ldn	0.887266365
wavelet-HLL	glcm	ldm	0.152924515
wavelet-HLL	glcm	Correlation	0.209246749
wavelet-HLL	glcm	Autocorrelation	1068.102779
wavelet-HLL	glcm	SumEntropy	5.664199266
wavelet-HLL	glcm	SumSquares	81.71884363
wavelet-HLL	glcm	ClusterProminence	144837.5155
wavelet-HLL	glcm	lmc2	0.963056252
wavelet-HLL	glcm	lmc1	-0.258509453
wavelet-HLL	glcm	DifferenceAverage	8.056440105
wavelet-HLL	glcm	ld	0.23564152

wavelet-HLL	glcm	ClusterTendency	199.6329837
wavelet-HLL	firstorder	InterquartileRange	285.6655496
wavelet-HLL	firstorder	Skewness	-0.262819608
wavelet-HLL	firstorder	Uniformity	0.03429641
wavelet-HLL	firstorder	Median	-26.18652819
wavelet-HLL	firstorder	Energy	39766737.69
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	121.0781227
wavelet-HLL	firstorder	MeanAbsoluteDeviation	182.5793777
wavelet-HLL	firstorder	TotalEnergy	1073701918
wavelet-HLL	firstorder	Maximum	553.5307785
wavelet-HLL	firstorder	RootMeanSquared	240.4173264
wavelet-HLL	firstorder	90Percentile	256.6845998
wavelet-HLL	firstorder	Minimum	-832.3926514
wavelet-HLL	firstorder	Entropy	5.178235877
wavelet-HLL	firstorder	Range	1385.92343
wavelet-HLL	firstorder	Variance	55972.22999
wavelet-HLL	firstorder	10Percentile	-343.4260794
wavelet-HLL	firstorder	Kurtosis	3.170600452
wavelet-HLL	firstorder	Mean	-42.75816688
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002980621
wavelet-HLL	glrlm	GrayLevelVariance	91.81876061
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.00301445
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.033104346
wavelet-HLL	glrlm	RunVariance	0.050261299
wavelet-HLL	glrlm	GrayLevelNonUniformity	21.80779499
wavelet-HLL	glrlm	LongRunEmphasis	1.141828634
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1128.330653
wavelet-HLL	glrlm	RunLengthNonUniformity	607.0461423
wavelet-HLL	glrlm	ShortRunEmphasis	0.968739102
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1332.393648
wavelet-HLL	glrlm	RunPercentage	0.95740161
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.003163984
wavelet-HLL	glrlm	RunEntropy	5.402778578
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1165.130519
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.921297229
wavelet-HLL	glszm	GrayLevelVariance	113.0811006
wavelet-HLL	glszm	ZoneVariance	6.186103143
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.027538132
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.565861712
wavelet-HLL	glszm	SizeZoneNonUniformity	241.6229508
wavelet-HLL	glszm	GrayLevelNonUniformity	11.7587822
wavelet-HLL	glszm	LargeAreaEmphasis	8.782201405
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	906.5602853
wavelet-HLL	glszm	ZonePercentage	0.620639535
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.011239526
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	10355.0281
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1163.782201
wavelet-HLL	glszm	SmallAreaEmphasis	0.780544391
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004018995
wavelet-HLL	glszm	ZoneEntropy	6.338160304
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003713428
wavelet-HLL	ngtdm	Coarseness	0.010844496

wavelet-HLL	ngtdm	Complexity	5769.136086
wavelet-HLL	ngtdm	Strength	8.609393416
wavelet-HLL	ngtdm	Contrast	0.387442349
wavelet-HLL	ngtdm	Busyness	0.052875562
wavelet-LHL	gldm	GrayLevelVariance	141.9944227
wavelet-LHL	gldm	HighGrayLevelEmphasis	1724.831395
wavelet-LHL	gldm	DependenceEntropy	6.814849561
wavelet-LHL	gldm	DependenceNonUniformity	262.2761628
wavelet-LHL	gldm	GrayLevelNonUniformity	21.05813953
wavelet-LHL	gldm	SmallDependenceEmphasis	0.631869268
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1123.702455
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.381215353
wavelet-LHL	gldm	LargeDependenceEmphasis	5.75872093
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008781003
wavelet-LHL	gldm	DependenceVariance	2.188378853
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	9759.607558
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005480158
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005747524
wavelet-LHL	glcm	JointAverage	39.82821663
wavelet-LHL	glcm	SumAverage	79.65643325
wavelet-LHL	glcm	JointEntropy	9.027676434
wavelet-LHL	glcm	ClusterShade	2217.944823
wavelet-LHL	glcm	MaximumProbability	0.013738818
wavelet-LHL	glcm	Idmn	0.975143566
wavelet-LHL	glcm	JointEnergy	0.0026797
wavelet-LHL	glcm	Contrast	230.4413753
wavelet-LHL	glcm	DifferenceEntropy	4.745197759
wavelet-LHL	glcm	InverseVariance	0.140417709
wavelet-LHL	glcm	DifferenceVariance	115.7704303
wavelet-LHL	glcm	Idn	0.904739693
wavelet-LHL	glcm	Idm	0.130955642
wavelet-LHL	glcm	Correlation	0.117466129
wavelet-LHL	glcm	Autocorrelation	1603.365017
wavelet-LHL	glcm	SumEntropy	5.847386423
wavelet-LHL	glcm	SumSquares	132.2593879
wavelet-LHL	glcm	ClusterProminence	476372.7915
wavelet-LHL	glcm	Imc2	0.98111265
wavelet-LHL	glcm	Imc1	-0.30913184
wavelet-LHL	glcm	DifferenceAverage	10.49090099
wavelet-LHL	glcm	Id	0.208967038
wavelet-LHL	glcm	ClusterTendency	298.5961765
wavelet-LHL	firstorder	InterquartileRange	293.0515419
wavelet-LHL	firstorder	Skewness	0.23734304
wavelet-LHL	firstorder	Uniformity	0.030607761
wavelet-LHL	firstorder	Median	-26.98051922
wavelet-LHL	firstorder	Energy	62241606.78
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	135.1904459
wavelet-LHL	firstorder	MeanAbsoluteDeviation	218.0864985
wavelet-LHL	firstorder	TotalEnergy	1680523383
wavelet-LHL	firstorder	Maximum	1216.559916
wavelet-LHL	firstorder	RootMeanSquared	300.7780772
wavelet-LHL	firstorder	90Percentile	306.5403253

wavelet-LHL	firstorder	Minimum	-1017.035666
wavelet-LHL	firstorder	Entropy	5.43780966
wavelet-LHL	firstorder	Range	2233.595582
wavelet-LHL	firstorder	Variance	88655.92976
wavelet-LHL	firstorder	10Percentile	-409.5932289
wavelet-LHL	firstorder	Kurtosis	4.489853013
wavelet-LHL	firstorder	Mean	-42.56197777
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005911226
wavelet-LHL	glrlm	GrayLevelVariance	145.8187803
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.00592787
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029410127
wavelet-LHL	glrlm	RunVariance	0.041604278
wavelet-LHL	glrlm	GrayLevelNonUniformity	19.54334401
wavelet-LHL	glrlm	LongRunEmphasis	1.114089582
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1686.27587
wavelet-LHL	glrlm	RunLengthNonUniformity	623.207696
wavelet-LHL	glrlm	ShortRunEmphasis	0.975433936
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1916.401771
wavelet-LHL	glrlm	RunPercentage	0.96578712
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.00600447
wavelet-LHL	glrlm	RunEntropy	5.630633342
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1727.117458
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.937718179
wavelet-LHL	glszm	GrayLevelVariance	186.8594334
wavelet-LHL	glszm	ZoneVariance	4.015153691
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.023125539
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.672050057
wavelet-LHL	glszm	SizeZoneNonUniformity	317.2076271
wavelet-LHL	glszm	GrayLevelNonUniformity	10.91525424
wavelet-LHL	glszm	LargeAreaEmphasis	6.139830508
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1515.689299
wavelet-LHL	glszm	ZonePercentage	0.686046512
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011210679
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	10563.41949
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1763.555085
wavelet-LHL	glszm	SmallAreaEmphasis	0.845148903
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008055703
wavelet-LHL	glszm	ZoneEntropy	6.435990297
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.00793092
wavelet-LHL	ngtdm	Coarseness	0.010911921
wavelet-LHL	ngtdm	Complexity	15462.33745
wavelet-LHL	ngtdm	Strength	17.27344513
wavelet-LHL	ngtdm	Contrast	0.440148988
wavelet-LHL	ngtdm	Busyness	0.029332437
wavelet-LHH	gldm	GrayLevelVariance	59.85275825
wavelet-LHH	gldm	HighGrayLevelEmphasis	1059.44186
wavelet-LHH	gldm	DependenceEntropy	6.404701498
wavelet-LHH	gldm	DependenceNonUniformity	198.4331395
wavelet-LHH	gldm	GrayLevelNonUniformity	32.77325581
wavelet-LHH	gldm	SmallDependenceEmphasis	0.525247565
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	601.5946386
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.288420261

wavelet-LHH	gldm	LargeDependenceEmphasis	6.965116279
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.00931343
wavelet-LHH	gldm	DependenceVariance	2.19901805
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	6843.921512
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002254471
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.002813671
wavelet-LHH	glcm	JointAverage	31.55303179
wavelet-LHH	glcm	SumAverage	63.10606359
wavelet-LHH	glcm	JointEntropy	8.444834618
wavelet-LHH	glcm	ClusterShade	126.6298118
wavelet-LHH	glcm	MaximumProbability	0.019074644
wavelet-LHH	glcm	ldmn	0.979586717
wavelet-LHH	glcm	JointEnergy	0.004314229
wavelet-LHH	glcm	Contrast	105.5593936
wavelet-LHH	glcm	DifferenceEntropy	4.279128868
wavelet-LHH	glcm	InverseVariance	0.177295508
wavelet-LHH	glcm	DifferenceVariance	51.7131544
wavelet-LHH	glcm	ldn	0.910910135
wavelet-LHH	glcm	ldm	0.167527215
wavelet-LHH	glcm	Correlation	0.001005133
wavelet-LHH	glcm	Autocorrelation	995.7097494
wavelet-LHH	glcm	SumEntropy	5.170260695
wavelet-LHH	glcm	SumSquares	52.88713573
wavelet-LHH	glcm	ClusterProminence	66363.52679
wavelet-LHH	glcm	Imc2	0.925737082
wavelet-LHH	glcm	Imc1	-0.206870151
wavelet-LHH	glcm	DifferenceAverage	7.255056762
wavelet-LHH	glcm	ld	0.251132485
wavelet-LHH	glcm	ClusterTendency	105.9891494
wavelet-LHH	firstorder	InterquartileRange	180.6859106
wavelet-LHH	firstorder	Skewness	0.155448954
wavelet-LHH	firstorder	Uniformity	0.047635546
wavelet-LHH	firstorder	Median	-5.247357554
wavelet-LHH	firstorder	Energy	25770202.53
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	80.57998324
wavelet-LHH	firstorder	MeanAbsoluteDeviation	136.8110336
wavelet-LHH	firstorder	TotalEnergy	695795468.2
wavelet-LHH	firstorder	Maximum	907.4676395
wavelet-LHH	firstorder	RootMeanSquared	193.5373083
wavelet-LHH	firstorder	90Percentile	230.723806
wavelet-LHH	firstorder	Minimum	-772.5918958
wavelet-LHH	firstorder	Entropy	4.81332802
wavelet-LHH	firstorder	Range	1680.059535
wavelet-LHH	firstorder	Variance	37446.69402
wavelet-LHH	firstorder	10Percentile	-218.6208859
wavelet-LHH	firstorder	Kurtosis	5.244701343
wavelet-LHH	firstorder	Mean	3.161597153
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002856931
wavelet-LHH	glrlm	GrayLevelVariance	61.93056063
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.002894768
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.045748604
wavelet-LHH	glrlm	RunVariance	0.054644811

wavelet-LHH	glrlm	GrayLevelNonUniformity	30.04728528
wavelet-LHH	glrlm	LongRunEmphasis	1.152959327
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1031.33231
wavelet-LHH	glrlm	RunLengthNonUniformity	601.4039257
wavelet-LHH	glrlm	ShortRunEmphasis	0.966400162
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1211.908457
wavelet-LHH	glrlm	RunPercentage	0.954494633
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.003065332
wavelet-LHH	glrlm	RunEntropy	5.073721177
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1063.837109
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.915502256
wavelet-LHH	glszm	GrayLevelVariance	87.46173076
wavelet-LHH	glszm	ZoneVariance	12.50928007
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.034026919
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.592586046
wavelet-LHH	glszm	SizeZoneNonUniformity	235.8492462
wavelet-LHH	glszm	GrayLevelNonUniformity	13.54271357
wavelet-LHH	glszm	LargeAreaEmphasis	15.49748744
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	934.1804735
wavelet-LHH	glszm	ZonePercentage	0.578488372
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.019303865
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	15177.63819
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1128.577889
wavelet-LHH	glszm	SmallAreaEmphasis	0.797530072
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004025166
wavelet-LHH	glszm	ZoneEntropy	6.068238024
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003762281
wavelet-LHH	ngtdm	Coarseness	0.010438203
wavelet-LHH	ngtdm	Complexity	5878.041734
wavelet-LHH	ngtdm	Strength	8.396151829
wavelet-LHH	ngtdm	Contrast	0.262772743
wavelet-LHH	ngtdm	Busyness	0.049724134
wavelet-LLH	gldm	GrayLevelVariance	139.7643912
wavelet-LLH	gldm	HighGrayLevelEmphasis	2720.936047
wavelet-LLH	gldm	DependenceEntropy	6.844033012
wavelet-LLH	gldm	DependenceNonUniformity	243.5901163
wavelet-LLH	gldm	GrayLevelNonUniformity	21.10755814
wavelet-LLH	gldm	SmallDependenceEmphasis	0.605038747
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1658.645493
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.354055402
wavelet-LLH	gldm	LargeDependenceEmphasis	5.098837209
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.003859152
wavelet-LLH	gldm	DependenceVariance	1.495462074
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	13936.125
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002127905
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002287633
wavelet-LLH	glcm	JointAverage	50.8294092
wavelet-LLH	glcm	SumAverage	101.6588184
wavelet-LLH	glcm	JointEntropy	9.067416464
wavelet-LLH	glcm	ClusterShade	714.4870104
wavelet-LLH	glcm	MaximumProbability	0.010973052
wavelet-LLH	glcm	ldmn	0.978472555

wavelet-LLH	glcm	JointEnergy	0.00246499
wavelet-LLH	glcm	Contrast	214.8747359
wavelet-LLH	glcm	DifferenceEntropy	4.720546343
wavelet-LLH	glcm	InverseVariance	0.132635701
wavelet-LLH	glcm	DifferenceVariance	105.5797828
wavelet-LLH	glcm	Idn	0.909500698
wavelet-LLH	glcm	Idm	0.127129954
wavelet-LLH	glcm	Correlation	0.133957297
wavelet-LLH	glcm	Autocorrelation	2601.523223
wavelet-LLH	glcm	SumEntropy	5.850752069
wavelet-LLH	glcm	SumSquares	125.3013617
wavelet-LLH	glcm	ClusterProminence	409240.3738
wavelet-LLH	glcm	Imc2	0.977445443
wavelet-LLH	glcm	Imc1	-0.293964722
wavelet-LLH	glcm	DifferenceAverage	10.24993366
wavelet-LLH	glcm	Id	0.206498285
wavelet-LLH	glcm	ClusterTendency	286.3307109
wavelet-LLH	firstorder	InterquartileRange	294.0494826
wavelet-LLH	firstorder	Skewness	0.049198306
wavelet-LLH	firstorder	Uniformity	0.03067959
wavelet-LLH	firstorder	Median	-31.95347876
wavelet-LLH	firstorder	Energy	61270285.44
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	128.8357071
wavelet-LLH	firstorder	MeanAbsoluteDeviation	212.4208445
wavelet-LLH	firstorder	TotalEnergy	1654297707
wavelet-LLH	firstorder	Maximum	1028.306903
wavelet-LLH	firstorder	RootMeanSquared	298.4219286
wavelet-LLH	firstorder	90Percentile	283.0095648
wavelet-LLH	firstorder	Minimum	-1293.384378
wavelet-LLH	firstorder	Entropy	5.408447765
wavelet-LLH	firstorder	Range	2321.691281
wavelet-LLH	firstorder	Variance	87277.39196
wavelet-LLH	firstorder	10Percentile	-387.1273936
wavelet-LLH	firstorder	Kurtosis	4.935686822
wavelet-LLH	firstorder	Mean	-42.16936666
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002345813
wavelet-LLH	glrlm	GrayLevelVariance	143.4194453
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002355916
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.029882327
wavelet-LLH	glrlm	RunVariance	0.039422903
wavelet-LLH	glrlm	GrayLevelNonUniformity	19.85234425
wavelet-LLH	glrlm	LongRunEmphasis	1.112984449
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2651.785636
wavelet-LLH	glrlm	RunLengthNonUniformity	621.2392761
wavelet-LLH	glrlm	ShortRunEmphasis	0.974378665
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3029.299607
wavelet-LLH	glrlm	RunPercentage	0.965451699
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.002399898
wavelet-LLH	glrlm	RunEntropy	5.600052574
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2721.06325
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.934919554
wavelet-LLH	glszm	GrayLevelVariance	187.6343287



wavelet-LLH	glszm	ZoneVariance	3.043027136
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.023870211
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.644087507
wavelet-LLH	glszm	SizeZoneNonUniformity	295.6361656
wavelet-LLH	glszm	GrayLevelNonUniformity	10.95642702
wavelet-LLH	glszm	LargeAreaEmphasis	5.289760349
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2274.323653
wavelet-LLH	glszm	ZonePercentage	0.667151163
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.004848316
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	14475.878
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2730.298475
wavelet-LLH	glszm	SmallAreaEmphasis	0.827827535
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003230499
wavelet-LLH	glszm	ZoneEntropy	6.450267903
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003157128
wavelet-LLH	ngtdm	Coarseness	0.010125148
wavelet-LLH	ngtdm	Complexity	15861.49462
wavelet-LLH	ngtdm	Strength	17.60789545
wavelet-LLH	ngtdm	Contrast	0.432354785
wavelet-LLH	ngtdm	Busyness	0.024255629
wavelet-LLL	gldm	GrayLevelVariance	813.2438797
wavelet-LLL	gldm	HighGrayLevelEmphasis	5513.263081
wavelet-LLL	gldm	DependenceEntropy	7.320737082
wavelet-LLL	gldm	DependenceNonUniformity	341.6976744
wavelet-LLL	gldm	GrayLevelNonUniformity	9.488372093
wavelet-LLL	gldm	SmallDependenceEmphasis	0.732235068
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3403.824456
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.496653597
wavelet-LLL	gldm	LargeDependenceEmphasis	3.845930233
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003323177
wavelet-LLL	gldm	DependenceVariance	1.280345795
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	31091.71948
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002784187
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002854917
wavelet-LLL	glcm	JointAverage	73.59266163
wavelet-LLL	glcm	SumAverage	147.1853233
wavelet-LLL	glcm	JointEntropy	9.592210303
wavelet-LLL	glcm	ClusterShade	-61863.34041
wavelet-LLL	glcm	MaximumProbability	0.007961585
wavelet-LLL	glcm	ldmn	0.963234432
wavelet-LLL	glcm	JointEnergy	0.001541344
wavelet-LLL	glcm	Contrast	694.8736185
wavelet-LLL	glcm	DifferenceEntropy	5.556734363
wavelet-LLL	glcm	InverseVariance	0.090469267
wavelet-LLL	glcm	DifferenceVariance	302.2778322
wavelet-LLL	glcm	ldn	0.88011872
wavelet-LLL	glcm	ldm	0.086526128
wavelet-LLL	glcm	Correlation	0.524938583
wavelet-LLL	glcm	Autocorrelation	5798.867526
wavelet-LLL	glcm	SumEntropy	6.978389247
wavelet-LLL	glcm	SumSquares	729.1128031
wavelet-LLL	glcm	ClusterProminence	11649761.24

wavelet-LLL	glcm	lmc2	0.998715851
wavelet-LLL	glcm	lmc1	-0.474615037
wavelet-LLL	glcm	DifferenceAverage	19.48567837
wavelet-LLL	glcm	ld	0.148218969
wavelet-LLL	glcm	ClusterTendency	2221.577594
wavelet-LLL	firstorder	InterquartileRange	1235.655174
wavelet-LLL	firstorder	Skewness	-0.467658894
wavelet-LLL	firstorder	Uniformity	0.013791239
wavelet-LLL	firstorder	Median	-550.5167871
wavelet-LLL	firstorder	Energy	638591195.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	491.6736575
wavelet-LLL	firstorder	MeanAbsoluteDeviation	614.9668677
wavelet-LLL	firstorder	TotalEnergy	17241962276
wavelet-LLL	firstorder	Maximum	853.0418305
wavelet-LLL	firstorder	RootMeanSquared	963.423519
wavelet-LLL	firstorder	90Percentile	150.7951918
wavelet-LLL	firstorder	Minimum	-2338.867749
wavelet-LLL	firstorder	Entropy	6.447156024
wavelet-LLL	firstorder	Range	3191.90958
wavelet-LLL	firstorder	Variance	507832.8574
wavelet-LLL	firstorder	10Percentile	-1703.893047
wavelet-LLL	firstorder	Kurtosis	2.053137249
wavelet-LLL	firstorder	Mean	-648.345602
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002914485
wavelet-LLL	glrlm	GrayLevelVariance	812.2207715
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002917943
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.013362887
wavelet-LLL	glrlm	RunVariance	0.026106431
wavelet-LLL	glrlm	GrayLevelNonUniformity	8.981332131
wavelet-LLL	glrlm	LongRunEmphasis	1.074181165
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5296.041352
wavelet-LLL	glrlm	RunLengthNonUniformity	642.9073886
wavelet-LLL	glrlm	ShortRunEmphasis	0.983109338
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6081.804861
wavelet-LLL	glrlm	RunPercentage	0.976855993
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002932444
wavelet-LLL	glrlm	RunEntropy	6.562309569
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5440.054342
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.95651992
wavelet-LLL	glszm	GrayLevelVariance	774.5045804
wavelet-LLL	glszm	ZoneVariance	1.654576342
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011600895
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.77044343
wavelet-LLL	glszm	SizeZoneNonUniformity	409.1054614
wavelet-LLL	glszm	GrayLevelNonUniformity	6.16007533
wavelet-LLL	glszm	LargeAreaEmphasis	3.333333333
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4015.131947
wavelet-LLL	glszm	ZonePercentage	0.771802326
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.003984214
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	26126.25424
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4703.032015
wavelet-LLL	glszm	SmallAreaEmphasis	0.896857813

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00363107
wavelet-LLL	glszm	ZoneEntropy	7.005930477
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003592662
wavelet-LLL	ngtdm	Coarseness	0.009897309
wavelet-LLL	ngtdm	Complexity	59978.8186
wavelet-LLL	ngtdm	Strength	48.42167828
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wavelet-LLL	ngtdm	Busyness	0.012488443
wavelet-HHL	gldm	GrayLevelVariance	42.63060269
wavelet-HHL	gldm	HighGrayLevelEmphasis	758.9709302
wavelet-HHL	gldm	DependenceEntropy	6.501432194
wavelet-HHL	gldm	DependenceNonUniformity	169.0261628
wavelet-HHL	gldm	GrayLevelNonUniformity	36.95348837
wavelet-HHL	gldm	SmallDependenceEmphasis	0.455748768
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	347.1130399
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.245677562
wavelet-HHL	gldm	LargeDependenceEmphasis	9.281976744
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01560574
wavelet-HHL	gldm	DependenceVariance	3.118881828
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	6606.276163
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002415306
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.003230089
wavelet-HHL	glcm	JointAverage	26.79812262
wavelet-HHL	glcm	SumAverage	53.59624524
wavelet-HHL	glcm	JointEntropy	8.240095466
wavelet-HHL	glcm	ClusterShade	191.7654564
wavelet-HHL	glcm	MaximumProbability	0.019494959
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wavelet-HHL	glcm	ldn	0.890446689
wavelet-HHL	glcm	ldm	0.192688363
wavelet-HHL	glcm	Correlation	-0.029731644
wavelet-HHL	glcm	Autocorrelation	717.0756104
wavelet-HHL	glcm	SumEntropy	4.970120184
wavelet-HHL	glcm	SumSquares	39.80915183
wavelet-HHL	glcm	ClusterProminence	28843.9975
wavelet-HHL	glcm	lmc2	0.899017728
wavelet-HHL	glcm	lmc1	-0.183092705
wavelet-HHL	glcm	DifferenceAverage	6.431619094
wavelet-HHL	glcm	ld	0.275675423
wavelet-HHL	glcm	ClusterTendency	77.43982697
wavelet-HHL	firstorder	InterquartileRange	162.0632824
wavelet-HHL	firstorder	Skewness	0.101766871
wavelet-HHL	firstorder	Uniformity	0.053711466
wavelet-HHL	firstorder	Median	-2.109107525
wavelet-HHL	firstorder	Energy	18342109.93
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	70.75709956
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wavelet-HHL	firstorder	TotalEnergy	495236968.1
wavelet-HHL	firstorder	Maximum	519.1388679
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wavelet-HHL	firstorder	Kurtosis	4.091233163
wavelet-HHL	firstorder	Mean	6.548762216
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003272418
wavelet-HHL	glrlm	GrayLevelVariance	44.36053424
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.003335266
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.051348696
wavelet-HHL	glrlm	RunVariance	0.070380932
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wavelet-HHL	glrlm	LongRunEmphasis	1.19559918
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	730.7115414
wavelet-HHL	glrlm	RunLengthNonUniformity	581.4428249
wavelet-HHL	glrlm	ShortRunEmphasis	0.958091729
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	902.4075792
wavelet-HHL	glrlm	RunPercentage	0.942978533
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.003627623
wavelet-HHL	glrlm	RunEntropy	4.936347405
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	761.0948472
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.895942767
wavelet-HHL	glszm	GrayLevelVariance	65.94902639
wavelet-HHL	glszm	ZoneVariance	18.64228375
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wavelet-HHL	glszm	GrayLevelNonUniformity	13.03988604
wavelet-HHL	glszm	LargeAreaEmphasis	22.48433048
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	573.1968347
wavelet-HHL	glszm	ZonePercentage	0.510174419
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037243798
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wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	774.9344729
wavelet-HHL	glszm	SmallAreaEmphasis	0.756009823
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004529853
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wavelet-HLH	gldm	GrayLevelVariance	33.42313413
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wavelet-HLH	gldm	LargeDependenceEmphasis	10.34593023
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026303563
wavelet-HLH	gldm	DependenceVariance	3.801852353
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wavelet-HLH	glcm	JointAverage	21.72844304
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wavelet-HLH	glcm	Contrast	60.87751838
wavelet-HLH	glcm	DifferenceEntropy	3.930821015
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wavelet-HLH	firstorder	Uniformity	0.060556382
wavelet-HLH	firstorder	Median	0.47423188
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wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	62.51266467
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wavelet-HLH	firstorder	Maximum	577.1614622
wavelet-HLH	firstorder	RootMeanSquared	145.2749164
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wavelet-HLH	firstorder	Minimum	-506.5502279
wavelet-HLH	firstorder	Entropy	4.444517625
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wavelet-HLH	firstorder	Kurtosis	4.651506618
wavelet-HLH	firstorder	Mean	4.463001888
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004854493

wavelet-HLH	glrlm	GrayLevelVariance	35.07923601
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.004958064
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.05760049
wavelet-HLH	glrlm	RunVariance	0.073497184
wavelet-HLH	glrlm	GrayLevelNonUniformity	37.25624045
wavelet-HLH	glrlm	LongRunEmphasis	1.205955613
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	486.0178354
wavelet-HLH	glrlm	RunLengthNonUniformity	576.6539372
wavelet-HLH	glrlm	ShortRunEmphasis	0.955904579
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	602.3503876
wavelet-HLH	glrlm	RunPercentage	0.940071556
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.005439567
wavelet-HLH	glrlm	RunEntropy	4.78173554
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	506.6509088
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.891157526
wavelet-HLH	glszm	GrayLevelVariance	54.9252926
wavelet-HLH	glszm	ZoneVariance	16.42432851
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wavelet-HLH	glszm	LargeAreaEmphasis	20.18028169
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	422.3289841
wavelet-HLH	glszm	ZonePercentage	0.515988372
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.05129116
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	9098.090141
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	532.1323944
wavelet-HLH	glszm	SmallAreaEmphasis	0.773295228
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.007059332
wavelet-HLH	glszm	ZoneEntropy	5.89341006
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.006430898
wavelet-HLH	ngtdm	Coarseness	0.010423797
wavelet-HLH	ngtdm	Complexity	2809.607661
wavelet-HLH	ngtdm	Strength	5.00231429
wavelet-HLH	ngtdm	Contrast	0.174393409
wavelet-HLH	ngtdm	Busyness	0.087386695

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	2.0)
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	42
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original	shape	Sphericity	0.944357774
original	shape	MinorAxis	12.15805051
original	shape	Elongation	0.914761319
original	shape	SurfaceVolumeRatio	0.491069785
original	shape	Volume	1134
original	shape	MajorAxis	13.2909539
original	shape	SurfaceArea	556.873136
original	shape	Flatness	0.73821467
original	shape	LeastAxis	9.811577149
original	shape	Maximum2DDiameterColumn	12.72792206
original	shape	Maximum2DDiameterRow	12.72792206
original	gldm	GrayLevelVariance	71.91609977
original	gldm	HighGrayLevelEmphasis	245.9047619
original	gldm	DependenceEntropy	4.820888851
original	gldm	DependenceNonUniformity	26.76190476
original	gldm	GrayLevelNonUniformity	2.142857143
original	gldm	SmallDependenceEmphasis	0.821428571
original	gldm	SmallDependenceHighGrayLevelEmphasis	233.547619
original	gldm	DependenceNonUniformityNormalized	0.637188209
original	gldm	LargeDependenceEmphasis	1.714285714
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.064097231
original	gldm	DependenceVariance	0.181405896
original	gldm	LargeDependenceHighGrayLevelEmphasis	295.3333333
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.037990992
original	gldm	LowGrayLevelEmphasis	0.043212239

original	glcm	JointAverage	15.0472715
original	glcm	SumAverage	30.094543
original	glcm	JointEntropy	5.319491261
original	glcm	ClusterShade	473.3636944
original	glcm	MaximumProbability	0.036649262
original	glcm	Idmn	0.90554542
original	glcm	JointEnergy	0.026129262
original	glcm	Contrast	121.2981257
original	glcm	DifferenceEntropy	3.563574493
original	glcm	InverseVariance	0.116802863
original	glcm	DifferenceVariance	34.9832248
original	glcm	Idn	0.79535656
original	glcm	Idm	0.09439937
original	glcm	Correlation	0.171965992
original	glcm	Autocorrelation	239.6106206
original	glcm	SumEntropy	4.032508437
original	glcm	SumSquares	73.42271533
original	glcm	ClusterProminence	66716.03399
original	glcm	Imc2	0.999564695
original	glcm	Imc1	-0.805080681
original	glcm	DifferenceAverage	9.115300811
original	glcm	Id	0.176135482
original	glcm	ClusterTendency	172.3927356
original	firstorder	InterquartileRange	316.5
original	firstorder	Skewness	0.66382111
original	firstorder	Uniformity	0.051020408
original	firstorder	Median	-612
original	firstorder	Energy	15070081
original	firstorder	RobustMeanAbsoluteDeviation	127.3632813
original	firstorder	MeanAbsoluteDeviation	176.9195011
original	firstorder	TotalEnergy	406892187
original	firstorder	Maximum	-99
original	firstorder	RootMeanSquared	599.0087248
original	firstorder	90Percentile	-240.2
original	firstorder	Minimum	-851
original	firstorder	Entropy	4.499227542
original	firstorder	Range	752
original	firstorder	Variance	44597.81916
original	firstorder	10Percentile	-786.8
original	firstorder	Kurtosis	2.366050028
original	firstorder	Mean	-560.547619
original	glrlm	ShortRunLowGrayLevelEmphasis	0.043135993
original	glrlm	GrayLevelVariance	72.17869953
original	glrlm	LowGrayLevelRunEmphasis	0.043345874
original	glrlm	GrayLevelNonUniformityNormalized	0.050736881
original	glrlm	RunVariance	0.009138105
original	glrlm	GrayLevelNonUniformity	2.111766282
original	glrlm	LongRunEmphasis	1.028705441
original	glrlm	ShortRunHighGrayLevelEmphasis	247.0962287
original	glrlm	RunLengthNonUniformity	40.88067542
original	glrlm	ShortRunEmphasis	0.99282364
original	glrlm	LongRunHighGrayLevelEmphasis	249.5850889
original	glrlm	RunPercentage	0.990842491
original	glrlm	LongRunLowGrayLevelEmphasis	0.044185397



original	glrlm	RunEntropy	4.522108318
original	glrlm	HighGrayLevelRunEmphasis	247.5940007
original	glrlm	RunLengthNonUniformityNormalized	0.981723791
original	glszm	GrayLevelVariance	75.29437546
original	glszm	ZoneVariance	0.11687363
original	glszm	GrayLevelNonUniformityNormalized	0.046018992
original	glszm	SizeZoneNonUniformityNormalized	0.766252739
original	glszm	SizeZoneNonUniformity	28.35135135
original	glszm	GrayLevelNonUniformity	1.702702703
original	glszm	LargeAreaEmphasis	1.405405405
original	glszm	SmallAreaHighGrayLevelEmphasis	262.7702703
original	glszm	ZonePercentage	0.880952381
original	glszm	LargeAreaLowGrayLevelEmphasis	0.05695416
original	glszm	LargeAreaHighGrayLevelEmphasis	297.8378378
original	glszm	HighGrayLevelZoneEmphasis	269.7837838
original	glszm	SmallAreaEmphasis	0.898648649
original	glszm	LowGrayLevelZoneEmphasis	0.045100517
original	glszm	ZoneEntropy	4.831074987
original	glszm	SmallAreaLowGrayLevelEmphasis	0.042137106
original	ngtdm	Coarseness	0.073659008
original	ngtdm	Complexity	2089.501123
original	ngtdm	Strength	31.3693065
original	ngtdm	Contrast	1.41002399
original	ngtdm	Busyness	0.076188539
wavelet-HHH	gldm	GrayLevelVariance	1.725623583
wavelet-HHH	gldm	HighGrayLevelEmphasis	21.76190476
wavelet-HHH	gldm	DependenceEntropy	4.302449863
wavelet-HHH	gldm	DependenceNonUniformity	7.80952381
wavelet-HHH	gldm	GrayLevelNonUniformity	9.904761905
wavelet-HHH	gldm	SmallDependenceEmphasis	0.233949661
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	5.165760717
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.185941043
wavelet-HHH	gldm	LargeDependenceEmphasis	13.9047619
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.845642884
wavelet-HHH	gldm	DependenceVariance	3.108843537
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	267
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.038614712
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.083021677
wavelet-HHH	glcm	JointAverage	4.469861582
wavelet-HHH	glcm	SumAverage	8.939723164
wavelet-HHH	glcm	JointEntropy	4.211024519
wavelet-HHH	glcm	ClusterShade	-1.192130355
wavelet-HHH	glcm	MaximumProbability	0.127794658
wavelet-HHH	glcm	ldmn	0.923337699
wavelet-HHH	glcm	JointEnergy	0.066428419
wavelet-HHH	glcm	Contrast	4.611044211
wavelet-HHH	glcm	DifferenceEntropy	2.043525536
wavelet-HHH	glcm	InverseVariance	0.414457866
wavelet-HHH	glcm	DifferenceVariance	1.598014039
wavelet-HHH	glcm	ldn	0.819965728
wavelet-HHH	glcm	ldm	0.405817468
wavelet-HHH	glcm	Correlation	-0.049885543
wavelet-HHH	glcm	Autocorrelation	19.88502866
wavelet-HHH	glcm	SumEntropy	2.684962035

wavelet-HHH	glcm	SumSquares	2.202561065
wavelet-HHH	glcm	ClusterProminence	51.87014399
wavelet-HHH	glcm	Imc2	0.864448626
wavelet-HHH	glcm	Imc1	-0.306957885
wavelet-HHH	glcm	DifferenceAverage	1.716022915
wavelet-HHH	glcm	Id	0.47517634
wavelet-HHH	glcm	ClusterTendency	4.199200049
wavelet-HHH	firstorder	InterquartileRange	37.00632936
wavelet-HHH	firstorder	Skewness	0.015796301
wavelet-HHH	firstorder	Uniformity	0.235827664
wavelet-HHH	firstorder	Median	-5.510520666
wavelet-HHH	firstorder	Energy	44278.26972
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	15.1642361
wavelet-HHH	firstorder	MeanAbsoluteDeviation	24.99646755
wavelet-HHH	firstorder	TotalEnergy	1195513.283
wavelet-HHH	firstorder	Maximum	70.08417579
wavelet-HHH	firstorder	RootMeanSquared	32.46913176
wavelet-HHH	firstorder	90Percentile	46.58325999
wavelet-HHH	firstorder	Minimum	-88.4433181
wavelet-HHH	firstorder	Entropy	2.340725
wavelet-HHH	firstorder	Range	158.5274939
wavelet-HHH	firstorder	Variance	1054.207068
wavelet-HHH	firstorder	10Percentile	-35.55297546
wavelet-HHH	firstorder	Kurtosis	3.371011664
wavelet-HHH	firstorder	Mean	-0.193517045
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.081286984
wavelet-HHH	glrlm	GrayLevelVariance	1.807556963
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.08547913
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.227230196
wavelet-HHH	glrlm	RunVariance	0.098241321
wavelet-HHH	glrlm	GrayLevelNonUniformity	8.712494977
wavelet-HHH	glrlm	LongRunEmphasis	1.311868785
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	20.52874398
wavelet-HHH	glrlm	RunLengthNonUniformity	32.26109983
wavelet-HHH	glrlm	ShortRunEmphasis	0.928860771
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	28.27351755
wavelet-HHH	glrlm	RunPercentage	0.912087912
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.10357601
wavelet-HHH	glrlm	RunEntropy	2.707957236
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	21.9309215
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.836880449
wavelet-HHH	glszm	GrayLevelVariance	2.852071006
wavelet-HHH	glszm	ZoneVariance	6.023668639
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.171597633
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.25443787
wavelet-HHH	glszm	SizeZoneNonUniformity	3.307692308
wavelet-HHH	glszm	GrayLevelNonUniformity	2.230769231
wavelet-HHH	glszm	LargeAreaEmphasis	16.46153846
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	9.213378443
wavelet-HHH	glszm	ZonePercentage	0.30952381
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.030609192
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	337.0769231
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	22.07692308
wavelet-HHH	glszm	SmallAreaEmphasis	0.442723172

wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.140074132
wavelet-HHH	glszm	ZoneEntropy	3.546593564
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.107278197
wavelet-HHH	ngtdm	Coarseness	0.132693026
wavelet-HHH	ngtdm	Complexity	20.40199518
wavelet-HHH	ngtdm	Strength	1.769467303
wavelet-HHH	ngtdm	Contrast	0.092141164
wavelet-HHH	ngtdm	Busyness	0.270068281
wavelet-HLL	gldm	GrayLevelVariance	70.89569161
wavelet-HLL	gldm	HighGrayLevelEmphasis	474.7142857
wavelet-HLL	gldm	DependenceEntropy	4.546846589
wavelet-HLL	gldm	DependenceNonUniformity	13.19047619
wavelet-HLL	gldm	GrayLevelNonUniformity	2.80952381
wavelet-HLL	gldm	SmallDependenceEmphasis	0.529265873
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	193.5709325
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.314058957
wavelet-HLL	gldm	LargeDependenceEmphasis	4.857142857
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.081458245
wavelet-HLL	gldm	DependenceVariance	1.045351474
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3041.857143
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029765363
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.039466073
wavelet-HLL	glcm	JointAverage	20.52214638
wavelet-HLL	glcm	SumAverage	41.04429276
wavelet-HLL	glcm	JointEntropy	5.129290381
wavelet-HLL	glcm	ClusterShade	-1142.461733
wavelet-HLL	glcm	MaximumProbability	0.051953095
wavelet-HLL	glcm	Idmn	0.944645665
wavelet-HLL	glcm	JointEnergy	0.030846067
wavelet-HLL	glcm	Contrast	66.42976223
wavelet-HLL	glcm	DifferenceEntropy	3.225897505
wavelet-HLL	glcm	InverseVariance	0.19304285
wavelet-HLL	glcm	DifferenceVariance	20.37392793
wavelet-HLL	glcm	Idn	0.848476092
wavelet-HLL	glcm	Idm	0.180050152
wavelet-HLL	glcm	Correlation	0.473998871
wavelet-HLL	glcm	Autocorrelation	455.8079144
wavelet-HLL	glcm	SumEntropy	3.898632584
wavelet-HLL	glcm	SumSquares	67.14037164
wavelet-HLL	glcm	ClusterProminence	89610.50116
wavelet-HLL	glcm	Imc2	0.997499128
wavelet-HLL	glcm	Imc1	-0.693482141
wavelet-HLL	glcm	DifferenceAverage	6.345175227
wavelet-HLL	glcm	Id	0.260886708
wavelet-HLL	glcm	ClusterTendency	202.1317243
wavelet-HLL	firstorder	InterquartileRange	259.6379082
wavelet-HLL	firstorder	Skewness	-0.727040828
wavelet-HLL	firstorder	Uniformity	0.066893424
wavelet-HLL	firstorder	Median	4.774272904
wavelet-HLL	firstorder	Energy	1864496.785
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	113.612342
wavelet-HLL	firstorder	MeanAbsoluteDeviation	166.2080459
wavelet-HLL	firstorder	TotalEnergy	50341413.19
wavelet-HLL	firstorder	Maximum	276.8004479

wavelet-HLL	firstorder	RootMeanSquared	210.6959435
wavelet-HLL	firstorder	90Percentile	227.3116629
wavelet-HLL	firstorder	Minimum	-490.6901872
wavelet-HLL	firstorder	Entropy	4.13686371
wavelet-HLL	firstorder	Range	767.490635
wavelet-HLL	firstorder	Variance	44289.41989
wavelet-HLL	firstorder	10Percentile	-292.4952571
wavelet-HLL	firstorder	Kurtosis	2.660079395
wavelet-HLL	firstorder	Mean	-10.16664638
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.040017748
wavelet-HLL	glrlm	GrayLevelVariance	71.03071398
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.040445673
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.065345245
wavelet-HLL	glrlm	RunVariance	0.036404434
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.645520787
wavelet-HLL	glrlm	LongRunEmphasis	1.117835413
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	449.5594557
wavelet-HLL	glrlm	RunLengthNonUniformity	37.60708388
wavelet-HLL	glrlm	ShortRunEmphasis	0.970541147
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	543.4184872
wavelet-HLL	glrlm	RunPercentage	0.963369963
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.042157372
wavelet-HLL	glrlm	RunEntropy	4.246625656
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	468.331262
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.927191131
wavelet-HLL	glszm	GrayLevelVariance	72.51851852
wavelet-HLL	glszm	ZoneVariance	0.987654321
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.053497942
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.497942387
wavelet-HLL	glszm	SizeZoneNonUniformity	13.44444444
wavelet-HLL	glszm	GrayLevelNonUniformity	1.444444444
wavelet-HLL	glszm	LargeAreaEmphasis	3.407407407
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	251.3290535
wavelet-HLL	glszm	ZonePercentage	0.642857143
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.083363665
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1820.814815
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	408.6296296
wavelet-HLL	glszm	SmallAreaEmphasis	0.730133745
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.05118874
wavelet-HLL	glszm	ZoneEntropy	4.53266528
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.043826765
wavelet-HLL	ngtdm	Coarseness	0.139205192
wavelet-HLL	ngtdm	Complexity	804.9503816
wavelet-HLL	ngtdm	Strength	51.50790262
wavelet-HLL	ngtdm	Contrast	1.031507986
wavelet-HLL	ngtdm	Busyness	0.017134989
wavelet-LHL	gldm	GrayLevelVariance	62.53514739
wavelet-LHL	gldm	HighGrayLevelEmphasis	272.0952381
wavelet-LHL	gldm	DependenceEntropy	4.755296292
wavelet-LHL	gldm	DependenceNonUniformity	16.9047619
wavelet-LHL	gldm	GrayLevelNonUniformity	2.285714286
wavelet-LHL	gldm	SmallDependenceEmphasis	0.572751323
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	153.707672
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.402494331

wavelet-LHL	gldm	LargeDependenceEmphasis	3.238095238
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.057777519
wavelet-LHL	gldm	DependenceVariance	0.46031746
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	836.3333333
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.037325719
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.040755269
wavelet-LHL	glcm	JointAverage	13.73222146
wavelet-LHL	glcm	SumAverage	27.46444291
wavelet-LHL	glcm	JointEntropy	5.229935265
wavelet-LHL	glcm	ClusterShade	1356.312268
wavelet-LHL	glcm	MaximumProbability	0.042786732
wavelet-LHL	glcm	Idmn	0.909056659
wavelet-LHL	glcm	JointEnergy	0.028115927
wavelet-LHL	glcm	Contrast	105.7551711
wavelet-LHL	glcm	DifferenceEntropy	3.296031883
wavelet-LHL	glcm	InverseVariance	0.118406433
wavelet-LHL	glcm	DifferenceVariance	28.28981704
wavelet-LHL	glcm	Idn	0.805578765
wavelet-LHL	glcm	Idm	0.118713898
wavelet-LHL	glcm	Correlation	0.236770596
wavelet-LHL	glcm	Autocorrelation	204.735303
wavelet-LHL	glcm	SumEntropy	3.833033829
wavelet-LHL	glcm	SumSquares	68.59432534
wavelet-LHL	glcm	ClusterProminence	72844.46255
wavelet-LHL	glcm	Imc2	0.999243978
wavelet-LHL	glcm	Imc1	-0.770935008
wavelet-LHL	glcm	DifferenceAverage	8.169348926
wavelet-LHL	glcm	Id	0.205235824
wavelet-LHL	glcm	ClusterTendency	168.6221303
wavelet-LHL	firstorder	InterquartileRange	246.748834
wavelet-LHL	firstorder	Skewness	0.330215857
wavelet-LHL	firstorder	Uniformity	0.054421769
wavelet-LHL	firstorder	Median	-17.94011049
wavelet-LHL	firstorder	Energy	1658242.374
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	115.7449084
wavelet-LHL	firstorder	MeanAbsoluteDeviation	164.1624838
wavelet-LHL	firstorder	TotalEnergy	44772544.1
wavelet-LHL	firstorder	Maximum	375.733863
wavelet-LHL	firstorder	RootMeanSquared	198.7006827
wavelet-LHL	firstorder	90Percentile	294.1513766
wavelet-LHL	firstorder	Minimum	-337.6373352
wavelet-LHL	firstorder	Entropy	4.350068911
wavelet-LHL	firstorder	Range	713.3711982
wavelet-LHL	firstorder	Variance	39481.9588
wavelet-LHL	firstorder	10Percentile	-241.4328707
wavelet-LHL	firstorder	Kurtosis	2.135704768
wavelet-LHL	firstorder	Mean	-0.049908329
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.041537663
wavelet-LHL	glrlm	GrayLevelVariance	63.25185603
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.041697308
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.054251698
wavelet-LHL	glrlm	RunVariance	0.029430969
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.220584108
wavelet-LHL	glrlm	LongRunEmphasis	1.089908064

wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	266.996956
wavelet-LHL	glrlm	RunLengthNonUniformity	39.12033638
wavelet-LHL	glrlm	ShortRunEmphasis	0.979832986
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	295.535782
wavelet-LHL	glrlm	RunPercentage	0.974358974
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.042390562
wavelet-LHL	glrlm	RunEntropy	4.389874117
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	272.3924089
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.952263533
wavelet-LHL	glszm	GrayLevelVariance	72.64684899
wavelet-LHL	glszm	ZoneVariance	0.454221165
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.048751486
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.498216409
wavelet-LHL	glszm	SizeZoneNonUniformity	14.44827586
wavelet-LHL	glszm	GrayLevelNonUniformity	1.413793103
wavelet-LHL	glszm	LargeAreaEmphasis	2.551724138
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	194.591954
wavelet-LHL	glszm	ZonePercentage	0.69047619
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.067622469
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	665.3103448
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	274.4827586
wavelet-LHL	glszm	SmallAreaEmphasis	0.727011494
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.055450874
wavelet-LHL	glszm	ZoneEntropy	4.720049961
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.053213309
wavelet-LHL	ngtdm	Coarseness	0.091936835
wavelet-LHL	ngtdm	Complexity	1336.940789
wavelet-LHL	ngtdm	Strength	29.14951092
wavelet-LHL	ngtdm	Contrast	1.301157805
wavelet-LHL	ngtdm	Busyness	0.043458466
wavelet-LHH	gldm	GrayLevelVariance	8.868480726
wavelet-LHH	gldm	HighGrayLevelEmphasis	47.19047619
wavelet-LHH	gldm	DependenceEntropy	4.576492125
wavelet-LHH	gldm	DependenceNonUniformity	9.523809524
wavelet-LHH	gldm	GrayLevelNonUniformity	4.619047619
wavelet-LHH	gldm	SmallDependenceEmphasis	0.367109788
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	24.89412037
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.22675737
wavelet-LHH	gldm	LargeDependenceEmphasis	7.904761905
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.385208854
wavelet-LHH	gldm	DependenceVariance	1.535147392
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	281.7142857
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.044415607
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.072653627
wavelet-LHH	glcm	JointAverage	6.339469914
wavelet-LHH	glcm	SumAverage	12.67893983
wavelet-LHH	glcm	JointEntropy	4.901042185
wavelet-LHH	glcm	ClusterShade	27.75292429
wavelet-LHH	glcm	MaximumProbability	0.076492145
wavelet-LHH	glcm	ldmn	0.915315866
wavelet-LHH	glcm	JointEnergy	0.038293842
wavelet-LHH	glcm	Contrast	18.26569513
wavelet-LHH	glcm	DifferenceEntropy	2.76091094
wavelet-LHH	glcm	InverseVariance	0.245694527

wavelet-LHH	glcm	DifferenceVariance	6.292860281
wavelet-LHH	glcm	Idn	0.813150052
wavelet-LHH	glcm	Idm	0.262230553
wavelet-LHH	glcm	Correlation	-0.007693109
wavelet-LHH	glcm	Autocorrelation	40.06579819
wavelet-LHH	glcm	SumEntropy	3.298061154
wavelet-LHH	glcm	SumSquares	8.942901786
wavelet-LHH	glcm	ClusterProminence	821.1822074
wavelet-LHH	glcm	Imc2	0.983664686
wavelet-LHH	glcm	Imc1	-0.529313721
wavelet-LHH	glcm	DifferenceAverage	3.371090846
wavelet-LHH	glcm	Id	0.353114042
wavelet-LHH	glcm	ClusterTendency	17.50591202
wavelet-LHH	firstorder	InterquartileRange	104.8883889
wavelet-LHH	firstorder	Skewness	0.463908224
wavelet-LHH	firstorder	Uniformity	0.109977324
wavelet-LHH	firstorder	Median	-14.76951845
wavelet-LHH	firstorder	Energy	223982.4089
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	41.01843778
wavelet-LHH	firstorder	MeanAbsoluteDeviation	59.59318571
wavelet-LHH	firstorder	TotalEnergy	6047525.041
wavelet-LHH	firstorder	Maximum	151.94909
wavelet-LHH	firstorder	RootMeanSquared	73.02680671
wavelet-LHH	firstorder	90Percentile	105.86323
wavelet-LHH	firstorder	Minimum	-128.6559477
wavelet-LHH	firstorder	Entropy	3.391554926
wavelet-LHH	firstorder	Range	280.6050377
wavelet-LHH	firstorder	Variance	5258.563169
wavelet-LHH	firstorder	10Percentile	-89.89845374
wavelet-LHH	firstorder	Kurtosis	2.446872975
wavelet-LHH	firstorder	Mean	-8.622721721
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.072211833
wavelet-LHH	glrlm	GrayLevelVariance	9.201943398
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.074410905
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.107310249
wavelet-LHH	glrlm	RunVariance	0.057790574
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.249650203
wavelet-LHH	glrlm	LongRunEmphasis	1.193632715
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	46.38911334
wavelet-LHH	glrlm	RunLengthNonUniformity	35.11402371
wavelet-LHH	glrlm	ShortRunEmphasis	0.951591821
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	54.63319089
wavelet-LHH	glrlm	RunPercentage	0.941391941
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.083207192
wavelet-LHH	glrlm	RunEntropy	3.599364596
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	48.03792885
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.884418852
wavelet-LHH	glszm	GrayLevelVariance	14.42105263
wavelet-LHH	glszm	ZoneVariance	3.218836565
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.091412742
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.385041551
wavelet-LHH	glszm	SizeZoneNonUniformity	7.315789474
wavelet-LHH	glszm	GrayLevelNonUniformity	1.736842105
wavelet-LHH	glszm	LargeAreaEmphasis	8.105263158

wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	48.70258056
wavelet-LHH	glszm	ZonePercentage	0.452380952
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.448763799
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	281.1578947
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	63.42105263
wavelet-LHH	glszm	SmallAreaEmphasis	0.63028464
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.104951565
wavelet-LHH	glszm	ZoneEntropy	3.892407119
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.090034189
wavelet-LHH	ngtdm	Coarseness	0.104492739
wavelet-LHH	ngtdm	Complexity	157.9619647
wavelet-LHH	ngtdm	Strength	5.837226494
wavelet-LHH	ngtdm	Contrast	0.283648042
wavelet-LHH	ngtdm	Busyness	0.163657087
wavelet-LLH	gldm	GrayLevelVariance	102.3718821
wavelet-LLH	gldm	HighGrayLevelEmphasis	732.1428571
wavelet-LLH	gldm	DependenceEntropy	4.784941827
wavelet-LLH	gldm	DependenceNonUniformity	22.14285714
wavelet-LLH	gldm	GrayLevelNonUniformity	2.047619048
wavelet-LLH	gldm	SmallDependenceEmphasis	0.751322751
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	526.5674603
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.527210884
wavelet-LLH	gldm	LargeDependenceEmphasis	2.523809524
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029639753
wavelet-LLH	gldm	DependenceVariance	0.482993197
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2050
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.026999835
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.027414719
wavelet-LLH	glcm	JointAverage	25.02582266
wavelet-LLH	glcm	SumAverage	50.05164533
wavelet-LLH	glcm	JointEntropy	5.272811415
wavelet-LLH	glcm	ClusterShade	-74.08000361
wavelet-LLH	glcm	MaximumProbability	0.042784704
wavelet-LLH	glcm	Idmn	0.951193174
wavelet-LLH	glcm	JointEnergy	0.027046246
wavelet-LLH	glcm	Contrast	114.8797523
wavelet-LLH	glcm	DifferenceEntropy	3.381485907
wavelet-LLH	glcm	InverseVariance	0.113158933
wavelet-LLH	glcm	DifferenceVariance	22.40860027
wavelet-LLH	glcm	Idn	0.846352376
wavelet-LLH	glcm	Idm	0.09660343
wavelet-LLH	glcm	Correlation	0.423266525
wavelet-LLH	glcm	Autocorrelation	669.6267301
wavelet-LLH	glcm	SumEntropy	4.00692649
wavelet-LLH	glcm	SumSquares	100.0940699
wavelet-LLH	glcm	ClusterProminence	188080.9168
wavelet-LLH	glcm	Imc2	0.999353518
wavelet-LLH	glcm	Imc1	-0.777639323
wavelet-LLH	glcm	DifferenceAverage	8.963380649
wavelet-LLH	glcm	Id	0.178491335
wavelet-LLH	glcm	ClusterTendency	285.4965275
wavelet-LLH	firstorder	InterquartileRange	381.2161769
wavelet-LLH	firstorder	Skewness	-0.208168783
wavelet-LLH	firstorder	Uniformity	0.048752834



wavelet-LLH	firstorder	Median	55.12752586
wavelet-LLH	firstorder	Energy	2676664.117
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	154.0590715
wavelet-LLH	firstorder	MeanAbsoluteDeviation	213.3809871
wavelet-LLH	firstorder	TotalEnergy	72269931.16
wavelet-LLH	firstorder	Maximum	545.4966459
wavelet-LLH	firstorder	RootMeanSquared	252.4482086
wavelet-LLH	firstorder	90Percentile	330.4485943
wavelet-LLH	firstorder	Minimum	-589.4914569
wavelet-LLH	firstorder	Entropy	4.558518613
wavelet-LLH	firstorder	Range	1134.988103
wavelet-LLH	firstorder	Variance	63526.06132
wavelet-LLH	firstorder	10Percentile	-271.9824783
wavelet-LLH	firstorder	Kurtosis	2.526029773
wavelet-LLH	firstorder	Mean	14.28414141
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.027874216
wavelet-LLH	glrlm	GrayLevelVariance	103.4525414
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.027894322
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048090294
wavelet-LLH	glrlm	RunVariance	0.020441523
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.989027368
wavelet-LLH	glrlm	LongRunEmphasis	1.059902022
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	719.3700749
wavelet-LLH	glrlm	RunLengthNonUniformity	40.18580363
wavelet-LLH	glrlm	ShortRunEmphasis	0.987398664
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	781.0210221
wavelet-LLH	glrlm	RunPercentage	0.983516484
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.0279853
wavelet-LLH	glrlm	RunEntropy	4.599312715
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	729.9908626
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.970156839
wavelet-LLH	glszm	GrayLevelVariance	115.6306228
wavelet-LLH	glszm	ZoneVariance	0.415224913
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.043252595
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.737024221
wavelet-LLH	glszm	SizeZoneNonUniformity	25.05882353
wavelet-LLH	glszm	GrayLevelNonUniformity	1.470588235
wavelet-LLH	glszm	LargeAreaEmphasis	1.941176471
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	611.4199346
wavelet-LLH	glszm	ZonePercentage	0.80952381
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.034872726
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1514.058824
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	707.2647059
wavelet-LLH	glszm	SmallAreaEmphasis	0.880106209
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.033490143
wavelet-LLH	glszm	ZoneEntropy	4.771142621
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.033270415
wavelet-LLH	ngtdm	Coarseness	0.10836105
wavelet-LLH	ngtdm	Complexity	1960.683629
wavelet-LLH	ngtdm	Strength	61.42929812
wavelet-LLH	ngtdm	Contrast	1.421096237
wavelet-LLH	ngtdm	Busyness	0.019025778
wavelet-LLL	gldm	GrayLevelVariance	323.4875283
wavelet-LLL	gldm	HighGrayLevelEmphasis	958.047619

wavelet-LLL	gldm	DependenceEntropy	4.766968315
wavelet-LLL	gldm	DependenceNonUniformity	28.28571429
wavelet-LLL	gldm	GrayLevelNonUniformity	1.80952381
wavelet-LLL	gldm	SmallDependenceEmphasis	0.843915344
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	834.9484127
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.673469388
wavelet-LLL	gldm	LargeDependenceEmphasis	2.047619048
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.040811946
wavelet-LLL	gldm	DependenceVariance	0.394557823
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1673.619048
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.037051847
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.037466013
wavelet-LLL	glcm	JointAverage	29.63836866
wavelet-LLL	glcm	SumAverage	59.27673731
wavelet-LLL	glcm	JointEntropy	5.331001552
wavelet-LLL	glcm	ClusterShade	2701.607508
wavelet-LLL	glcm	MaximumProbability	0.036196385
wavelet-LLL	glcm	Idmn	0.903795298
wavelet-LLL	glcm	JointEnergy	0.025609455
wavelet-LLL	glcm	Contrast	524.3190794
wavelet-LLL	glcm	DifferenceEntropy	3.957779503
wavelet-LLL	glcm	InverseVariance	0.060580939
wavelet-LLL	glcm	DifferenceVariance	150.3313171
wavelet-LLL	glcm	Idn	0.794509466
wavelet-LLL	glcm	Idm	0.056999004
wavelet-LLL	glcm	Correlation	0.232059899
wavelet-LLL	glcm	Autocorrelation	960.2332311
wavelet-LLL	glcm	SumEntropy	4.224246097
wavelet-LLL	glcm	SumSquares	341.7321199
wavelet-LLL	glcm	ClusterProminence	1432711.392
wavelet-LLL	glcm	Imc2	0.999776723
wavelet-LLL	glcm	Imc1	-0.844057861
wavelet-LLL	glcm	DifferenceAverage	18.9433259
wavelet-LLL	glcm	Id	0.115188626
wavelet-LLL	glcm	ClusterTendency	842.6094003
wavelet-LLL	firstorder	InterquartileRange	782.7993437
wavelet-LLL	firstorder	Skewness	0.437208125
wavelet-LLL	firstorder	Uniformity	0.0430839
wavelet-LLL	firstorder	Median	-1784.184237
wavelet-LLL	firstorder	Energy	127533134.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	309.2336048
wavelet-LLL	firstorder	MeanAbsoluteDeviation	397.4358188
wavelet-LLL	firstorder	TotalEnergy	3443394637
wavelet-LLL	firstorder	Maximum	-669.5559434
wavelet-LLL	firstorder	RootMeanSquared	1742.556515
wavelet-LLL	firstorder	90Percentile	-1086.245463
wavelet-LLL	firstorder	Minimum	-2292.082486
wavelet-LLL	firstorder	Entropy	4.701375756
wavelet-LLL	firstorder	Range	1622.526543
wavelet-LLL	firstorder	Variance	203543.5575
wavelet-LLL	firstorder	10Percentile	-2211.007892
wavelet-LLL	firstorder	Kurtosis	2.021714169
wavelet-LLL	firstorder	Mean	-1683.139819
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.037831315

wavelet-LLL	glrlm	GrayLevelVariance	325.6977316
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.037857016
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.042778327
wavelet-LLL	glrlm	RunVariance	0.010975495
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.777155365
wavelet-LLL	glrlm	LongRunEmphasis	1.034052533
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	954.7127937
wavelet-LLL	glrlm	RunLengthNonUniformity	40.64577861
wavelet-LLL	glrlm	ShortRunEmphasis	0.991486867
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	985.161668
wavelet-LLL	glrlm	RunPercentage	0.989010989
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.03795982
wavelet-LLL	glrlm	RunEntropy	4.726095496
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	960.8025686
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.978049009
wavelet-LLL	glszm	GrayLevelVariance	350.0803506
wavelet-LLL	glszm	ZoneVariance	0.224981738
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.041636231
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.84806428
wavelet-LLL	glszm	SizeZoneNonUniformity	31.37837838
wavelet-LLL	glszm	GrayLevelNonUniformity	1.540540541
wavelet-LLL	glszm	LargeAreaEmphasis	1.513513514
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	921.4804805
wavelet-LLL	glszm	ZonePercentage	0.880952381
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.043542923
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1402.486486
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	976.4324324
wavelet-LLL	glszm	SmallAreaEmphasis	0.931681682
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.042177683
wavelet-LLL	glszm	ZoneEntropy	4.736216203
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.042009331
wavelet-LLL	ngtdm	Coarseness	0.044692289
wavelet-LLL	ngtdm	Complexity	9107.814964
wavelet-LLL	ngtdm	Strength	76.38151207
wavelet-LLL	ngtdm	Contrast	9.969524054
wavelet-LLL	ngtdm	Busyness	0.042833155
wavelet-HHL	gldm	GrayLevelVariance	5.283446712
wavelet-HHL	gldm	HighGrayLevelEmphasis	34.23809524
wavelet-HHL	gldm	DependenceEntropy	4.474952542
wavelet-HHL	gldm	DependenceNonUniformity	8.761904762
wavelet-HHL	gldm	GrayLevelNonUniformity	5.952380952
wavelet-HHL	gldm	SmallDependenceEmphasis	0.280390212
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	10.27621032
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.20861678
wavelet-HHL	gldm	LargeDependenceEmphasis	9.952380952
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.565605581
wavelet-HHL	gldm	DependenceVariance	1.789115646
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	291.0952381
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.063351477
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.102202668
wavelet-HHL	glcm	JointAverage	5.424981701
wavelet-HHL	glcm	SumAverage	10.8499634
wavelet-HHL	glcm	JointEntropy	4.63501912
wavelet-HHL	glcm	ClusterShade	4.405888069

wavelet-HHL	glcm	MaximumProbability	0.079569853
wavelet-HHL	glcm	Idmn	0.933435297
wavelet-HHL	glcm	JointEnergy	0.045244809
wavelet-HHL	glcm	Contrast	10.18501652
wavelet-HHL	glcm	DifferenceEntropy	2.471386361
wavelet-HHL	glcm	InverseVariance	0.356182532
wavelet-HHL	glcm	DifferenceVariance	3.964792767
wavelet-HHL	glcm	Idn	0.837512142
wavelet-HHL	glcm	Idm	0.34488626
wavelet-HHL	glcm	Correlation	-0.066154885
wavelet-HHL	glcm	Autocorrelation	29.0289215
wavelet-HHL	glcm	SumEntropy	3.015527511
wavelet-HHL	glcm	SumSquares	4.680685657
wavelet-HHL	glcm	ClusterProminence	251.5130734
wavelet-HHL	glcm	Imc2	0.946512888
wavelet-HHL	glcm	Imc1	-0.411681732
wavelet-HHL	glcm	DifferenceAverage	2.416166692
wavelet-HHL	glcm	Id	0.421670882
wavelet-HHL	glcm	ClusterTendency	8.537726108
wavelet-HHL	firstorder	InterquartileRange	71.47477029
wavelet-HHL	firstorder	Skewness	0.270283272
wavelet-HHL	firstorder	Uniformity	0.141723356
wavelet-HHL	firstorder	Median	-6.132305792
wavelet-HHL	firstorder	Energy	141506.4599
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	27.01439492
wavelet-HHL	firstorder	MeanAbsoluteDeviation	44.77495541
wavelet-HHL	firstorder	TotalEnergy	3820674.418
wavelet-HHL	firstorder	Maximum	131.288632
wavelet-HHL	firstorder	RootMeanSquared	58.04482257
wavelet-HHL	firstorder	90Percentile	65.1519612
wavelet-HHL	firstorder	Minimum	-123.7233071
wavelet-HHL	firstorder	Entropy	3.063973377
wavelet-HHL	firstorder	Range	255.0119391
wavelet-HHL	firstorder	Variance	3341.440718
wavelet-HHL	firstorder	10Percentile	-86.38198579
wavelet-HHL	firstorder	Kurtosis	3.083201261
wavelet-HHL	firstorder	Mean	-5.268843206
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.102827313
wavelet-HHL	glrlm	GrayLevelVariance	5.507853999
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.105987112
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.138411291
wavelet-HHL	glrlm	RunVariance	0.070671436
wavelet-HHL	glrlm	GrayLevelNonUniformity	5.398873621
wavelet-HHL	glrlm	LongRunEmphasis	1.234754388
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	32.80801246
wavelet-HHL	glrlm	RunLengthNonUniformity	33.57312288
wavelet-HHL	glrlm	ShortRunEmphasis	0.941311403
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	41.61357778
wavelet-HHL	glrlm	RunPercentage	0.928571429
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.118626307
wavelet-HHL	glrlm	RunEntropy	3.354270883
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	34.56912552
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.858657129
wavelet-HHL	glszm	GrayLevelVariance	9.795555556

wavelet-HHL	glszm	ZoneVariance	5.626666667
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.102222222
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.28
wavelet-HHL	glszm	SizeZoneNonUniformity	4.2
wavelet-HHL	glszm	GrayLevelNonUniformity	1.533333333
wavelet-HHL	glszm	LargeAreaEmphasis	13.46666667
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	19.13161385
wavelet-HHL	glszm	ZonePercentage	0.357142857
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.772609837
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	415.6
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	37.53333333
wavelet-HHL	glszm	SmallAreaEmphasis	0.530994803
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.193220665
wavelet-HHL	glszm	ZoneEntropy	3.773557262
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.165939604
wavelet-HHL	ngtdm	Coarseness	0.136714423
wavelet-HHL	ngtdm	Complexity	81.45958878
wavelet-HHL	ngtdm	Strength	4.404918529
wavelet-HHL	ngtdm	Contrast	0.178964444
wavelet-HHL	ngtdm	Busyness	0.143288117
wavelet-HLH	gldm	GrayLevelVariance	8.092970522
wavelet-HLH	gldm	HighGrayLevelEmphasis	78.33333333
wavelet-HLH	gldm	DependenceEntropy	4.403989446
wavelet-HLH	gldm	DependenceNonUniformity	10.9047619
wavelet-HLH	gldm	GrayLevelNonUniformity	5.19047619
wavelet-HLH	gldm	SmallDependenceEmphasis	0.38504795
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	27.54321594
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.259637188
wavelet-HLH	gldm	LargeDependenceEmphasis	9.380952381
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.159391316
wavelet-HLH	gldm	DependenceVariance	2.768707483
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	765.6666667
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.033271183
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.043767419
wavelet-HLH	glcm	JointAverage	8.507588523
wavelet-HLH	glcm	SumAverage	17.01517705
wavelet-HLH	glcm	JointEntropy	4.843446544
wavelet-HLH	glcm	ClusterShade	-14.70934127
wavelet-HLH	glcm	MaximumProbability	0.075150104
wavelet-HLH	glcm	Idmn	0.953117665
wavelet-HLH	glcm	JointEnergy	0.039301435
wavelet-HLH	glcm	Contrast	12.20525102
wavelet-HLH	glcm	DifferenceEntropy	2.553714328
wavelet-HLH	glcm	InverseVariance	0.348674856
wavelet-HLH	glcm	DifferenceVariance	4.752470884
wavelet-HLH	glcm	Idn	0.860317873
wavelet-HLH	glcm	Idm	0.31448791
wavelet-HLH	glcm	Correlation	0.066931457
wavelet-HLH	glcm	Autocorrelation	73.14129952
wavelet-HLH	glcm	SumEntropy	3.373601499
wavelet-HLH	glcm	SumSquares	6.771927183
wavelet-HLH	glcm	ClusterProminence	758.6774827
wavelet-HLH	glcm	Imc2	0.964965535
wavelet-HLH	glcm	Imc1	-0.44469567

wavelet-HLH	glcm	DifferenceAverage	2.690322379
wavelet-HLH	glcm	Id	0.394239256
wavelet-HLH	glcm	ClusterTendency	14.88245771
wavelet-HLH	firstorder	InterquartileRange	71.81783454
wavelet-HLH	firstorder	Skewness	-0.174465399
wavelet-HLH	firstorder	Uniformity	0.123582766
wavelet-HLH	firstorder	Median	3.780994058
wavelet-HLH	firstorder	Energy	204883.6162
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	31.52981515
wavelet-HLH	firstorder	MeanAbsoluteDeviation	52.81062976
wavelet-HLH	firstorder	TotalEnergy	5531857.639
wavelet-HLH	firstorder	Maximum	165.2726008
wavelet-HLH	firstorder	RootMeanSquared	69.84397855
wavelet-HLH	firstorder	90Percentile	63.70944944
wavelet-HLH	firstorder	Minimum	-188.2697636
wavelet-HLH	firstorder	Entropy	3.26849934
wavelet-HLH	firstorder	Range	353.5423644
wavelet-HLH	firstorder	Variance	4862.332597
wavelet-HLH	firstorder	10Percentile	-101.7825146
wavelet-HLH	firstorder	Kurtosis	3.607990632
wavelet-HLH	firstorder	Mean	-3.981047872
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.044948043
wavelet-HLH	glrlm	GrayLevelVariance	8.390731198
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.045669378
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.118468509
wavelet-HLH	glrlm	RunVariance	0.063989863
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.676210248
wavelet-HLH	glrlm	LongRunEmphasis	1.201883974
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	74.07437907
wavelet-HLH	glrlm	RunLengthNonUniformity	34.94796956
wavelet-HLH	glrlm	ShortRunEmphasis	0.951839009
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	94.71835886
wavelet-HLH	glrlm	RunPercentage	0.93956044
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.04866879
wavelet-HLH	glrlm	RunEntropy	3.507627062
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	78.05348688
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.883145745
wavelet-HLH	glszm	GrayLevelVariance	11.59
wavelet-HLH	glszm	ZoneVariance	3.99
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.105
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.4
wavelet-HLH	glszm	SizeZoneNonUniformity	8
wavelet-HLH	glszm	GrayLevelNonUniformity	2.1
wavelet-HLH	glszm	LargeAreaEmphasis	8.4
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	43.52951389
wavelet-HLH	glszm	ZonePercentage	0.476190476
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.178246813
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	687
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	74
wavelet-HLH	glszm	SmallAreaEmphasis	0.630131173
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.074089138
wavelet-HLH	glszm	ZoneEntropy	3.921928095
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.066544522
wavelet-HLH	ngtdm	Coarseness	0.150105267

wavelet-HLH	ngtdm	Complexity	109.0991824
wavelet-HLH	ngtdm	Strength	6.982649274
wavelet-HLH	ngtdm	Contrast	0.238882352
wavelet-HLH	ngtdm	Busyness	0.073170408

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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	37
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original	shape	Elongation	0.86650253
original	shape	SurfaceVolumeRatio	0.549529848
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original	shape	MajorAxis	15.19563707
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original	shape	LeastAxis	6.975189297
original	shape	Maximum2DDiameterColumn	13.41640786
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original	gldm	GrayLevelVariance	89.10591673
original	gldm	HighGrayLevelEmphasis	392.0540541
original	gldm	DependenceEntropy	4.594456406
original	gldm	DependenceNonUniformity	24.45945946
original	gldm	GrayLevelNonUniformity	1.756756757
original	gldm	SmallDependenceEmphasis	0.837837838
original	gldm	SmallDependenceHighGrayLevelEmphasis	332.2972973
original	gldm	DependenceNonUniformityNormalized	0.661066472
original	gldm	LargeDependenceEmphasis	1.648648649
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.0466436
original	gldm	DependenceVariance	0.169466764
original	gldm	LargeDependenceHighGrayLevelEmphasis	631.0810811
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.034608807
original	gldm	LowGrayLevelEmphasis	0.037015766
original	glcm	JointAverage	19.73113814
original	glcm	SumAverage	39.46227628



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original	glcm	ClusterShade	-440.4319037
original	glcm	MaximumProbability	0.046532801
original	glcm	Idmn	0.880088171
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original	glcm	Contrast	197.151978
original	glcm	DifferenceEntropy	3.479337987
original	glcm	InverseVariance	0.091016954
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original	glcm	Idn	0.772483447
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original	glcm	Correlation	-0.045415534
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original	glcm	SumSquares	94.0089715
original	glcm	ClusterProminence	87964.80329
original	glcm	Imc2	0.999535688
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original	glcm	DifferenceAverage	11.58144954
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original	glcm	ClusterTendency	178.8839081
original	firstorder	InterquartileRange	399
original	firstorder	Skewness	0.135084802
original	firstorder	Uniformity	0.047479912
original	firstorder	Median	-410
original	firstorder	Energy	8055267
original	firstorder	RobustMeanAbsoluteDeviation	151.4268728
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original	firstorder	Maximum	26
original	firstorder	RootMeanSquared	466.5939551
original	firstorder	90Percentile	-46.4
original	firstorder	Minimum	-811
original	firstorder	Entropy	4.519999987
original	firstorder	Range	837
original	firstorder	Variance	55779.80862
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original	firstorder	Kurtosis	1.906600822
original	firstorder	Mean	-402.4054054
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original	glrlm	GrayLevelVariance	88.87386046
original	glrlm	LowGrayLevelRunEmphasis	0.037210692
original	glrlm	GrayLevelNonUniformityNormalized	0.047459455
original	glrlm	RunVariance	0.008288854
original	glrlm	GrayLevelNonUniformity	1.741431541
original	glrlm	LongRunEmphasis	1.026373626
original	glrlm	ShortRunHighGrayLevelEmphasis	389.8314523
original	glrlm	RunLengthNonUniformity	36.11208791
original	glrlm	ShortRunEmphasis	0.993406593
original	glrlm	LongRunHighGrayLevelEmphasis	401.979804
original	glrlm	RunPercentage	0.991683992
original	glrlm	LongRunLowGrayLevelEmphasis	0.037602153
original	glrlm	RunEntropy	4.525242074
original	glrlm	HighGrayLevelRunEmphasis	392.2611227
original	glrlm	RunLengthNonUniformityNormalized	0.983422292

original	glszm	GrayLevelVariance	86.00183655
original	glszm	ZoneVariance	0.106519743
original	glszm	GrayLevelNonUniformityNormalized	0.046831956
original	glszm	SizeZoneNonUniformityNormalized	0.786960514
original	glszm	SizeZoneNonUniformity	25.96969697
original	glszm	GrayLevelNonUniformity	1.545454545
original	glszm	LargeAreaEmphasis	1.363636364
original	glszm	SmallAreaHighGrayLevelEmphasis	361.4090909
original	glszm	ZonePercentage	0.891891892
original	glszm	LargeAreaLowGrayLevelEmphasis	0.045100807
original	glszm	LargeAreaHighGrayLevelEmphasis	528.9090909
original	glszm	HighGrayLevelZoneEmphasis	394.9090909
original	glszm	SmallAreaEmphasis	0.909090909
original	glszm	LowGrayLevelZoneEmphasis	0.039703384
original	glszm	ZoneEntropy	4.597276316
original	glszm	SmallAreaLowGrayLevelEmphasis	0.038354029
original	ngtdm	Coarseness	0.06724255
original	ngtdm	Complexity	2842.334894
original	ngtdm	Strength	29.50717956
original	ngtdm	Contrast	2.553370895
original	ngtdm	Busyness	0.052047562
wavelet-HHH	gldm	GrayLevelVariance	14.12710007
wavelet-HHH	gldm	HighGrayLevelEmphasis	193.1081081
wavelet-HHH	gldm	DependenceEntropy	4.270132082
wavelet-HHH	gldm	DependenceNonUniformity	11.86486486
wavelet-HHH	gldm	GrayLevelNonUniformity	4.297297297
wavelet-HHH	gldm	SmallDependenceEmphasis	0.470908408
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	100.0760135
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.320672023
wavelet-HHH	gldm	LargeDependenceEmphasis	4.621621622
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.057778426
wavelet-HHH	gldm	DependenceVariance	0.72899927
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	795.5405405
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.029746509
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.033163264
wavelet-HHH	glcm	JointAverage	13.55762681
wavelet-HHH	glcm	SumAverage	27.11525363
wavelet-HHH	glcm	JointEntropy	4.554720842
wavelet-HHH	glcm	ClusterShade	-8.007795321
wavelet-HHH	glcm	MaximumProbability	0.089128501
wavelet-HHH	glcm	Idmn	0.962697711
wavelet-HHH	glcm	JointEnergy	0.050062406
wavelet-HHH	glcm	Contrast	20.67708929
wavelet-HHH	glcm	DifferenceEntropy	2.608209827
wavelet-HHH	glcm	InverseVariance	0.239821454
wavelet-HHH	glcm	DifferenceVariance	7.205386074
wavelet-HHH	glcm	Idn	0.871260934
wavelet-HHH	glcm	Idm	0.243848086
wavelet-HHH	glcm	Correlation	-0.106429154
wavelet-HHH	glcm	Autocorrelation	183.1917966
wavelet-HHH	glcm	SumEntropy	3.022137024
wavelet-HHH	glcm	SumSquares	9.569469086
wavelet-HHH	glcm	ClusterProminence	1201.253689
wavelet-HHH	glcm	Imc2	0.981620729
wavelet-HHH	glcm	Imc1	-0.550339467

wavelet-HHH	glcm	DifferenceAverage	3.534947395
wavelet-HHH	glcm	Id	0.337737212
wavelet-HHH	glcm	ClusterTendency	17.60078705
wavelet-HHH	firstorder	InterquartileRange	102.6843246
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wavelet-HHH	firstorder	Uniformity	0.11614317
wavelet-HHH	firstorder	Median	6.402888221
wavelet-HHH	firstorder	Energy	322758.6561
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	43.59596729
wavelet-HHH	firstorder	MeanAbsoluteDeviation	68.99572422
wavelet-HHH	firstorder	TotalEnergy	8714483.715
wavelet-HHH	firstorder	Maximum	204.0486551
wavelet-HHH	firstorder	RootMeanSquared	93.39810984
wavelet-HHH	firstorder	90Percentile	105.014925
wavelet-HHH	firstorder	Minimum	-322.2620546
wavelet-HHH	firstorder	Entropy	3.418516541
wavelet-HHH	firstorder	Range	526.3107097
wavelet-HHH	firstorder	Variance	8714.065456
wavelet-HHH	firstorder	10Percentile	-85.83109045
wavelet-HHH	firstorder	Kurtosis	5.232481489
wavelet-HHH	firstorder	Mean	-3.023485793
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.034034373
wavelet-HHH	glrlm	GrayLevelVariance	14.46898611
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.034229627
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.114110684
wavelet-HHH	glrlm	RunVariance	0.041802899
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.067319467
wavelet-HHH	glrlm	LongRunEmphasis	1.125441225
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	189.2487811
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wavelet-HHH	glrlm	ShortRunEmphasis	0.971229696
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	215.5936238
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.03505669
wavelet-HHH	glrlm	RunEntropy	3.548782617
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	194.0515492
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.92910876
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.428571429
wavelet-HHH	glszm	SizeZoneNonUniformity	9
wavelet-HHH	glszm	GrayLevelNonUniformity	1.761904762
wavelet-HHH	glszm	LargeAreaEmphasis	4.428571429
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	147.7000661
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	820.5238095
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	205.1904762
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wavelet-HHH	glszm	ZoneEntropy	4.201841232
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.051483269
wavelet-HHH	ngtdm	Coarseness	0.100110672
wavelet-HHH	ngtdm	Complexity	291.2330809

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wavelet-HLL	gldm	GrayLevelVariance	124.9306063
wavelet-HLL	gldm	HighGrayLevelEmphasis	873.027027
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wavelet-HLL	gldm	DependenceNonUniformity	29.86486486
wavelet-HLL	gldm	GrayLevelNonUniformity	1.702702703
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	822.7162162
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wavelet-HLL	gldm	LargeDependenceEmphasis	1.324324324
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030592649
wavelet-HLL	gldm	DependenceVariance	0.096420745
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1074.27027
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029844867
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.029994423
wavelet-HLL	glcm	JointAverage	27.37480073
wavelet-HLL	glcm	SumAverage	54.74960147
wavelet-HLL	glcm	JointEntropy	4.931912164
wavelet-HLL	glcm	ClusterShade	-995.0772117
wavelet-HLL	glcm	MaximumProbability	0.041543403
wavelet-HLL	glcm	Idmn	0.909874519
wavelet-HLL	glcm	JointEnergy	0.035636872
wavelet-HLL	glcm	Contrast	229.5069536
wavelet-HLL	glcm	DifferenceEntropy	3.343969588
wavelet-HLL	glcm	InverseVariance	0.068055437
wavelet-HLL	glcm	DifferenceVariance	35.27415275
wavelet-HLL	glcm	Idn	0.794418367
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wavelet-HLL	glcm	Correlation	0.155910634
wavelet-HLL	glcm	Autocorrelation	767.0395145
wavelet-HLL	glcm	SumEntropy	3.71930941
wavelet-HLL	glcm	SumSquares	131.117313
wavelet-HLL	glcm	ClusterProminence	216742.7201
wavelet-HLL	glcm	Imc2	0.999587999
wavelet-HLL	glcm	Imc1	-0.844022477
wavelet-HLL	glcm	DifferenceAverage	12.94322665
wavelet-HLL	glcm	Id	0.124549628
wavelet-HLL	glcm	ClusterTendency	294.9622983
wavelet-HLL	firstorder	InterquartileRange	344.1570597
wavelet-HLL	firstorder	Skewness	-0.270786426
wavelet-HLL	firstorder	Uniformity	0.046018992
wavelet-HLL	firstorder	Median	-35.6110544
wavelet-HLL	firstorder	Energy	2981494.748
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	145.9829146
wavelet-HLL	firstorder	MeanAbsoluteDeviation	218.1956508
wavelet-HLL	firstorder	TotalEnergy	80500358.19
wavelet-HLL	firstorder	Maximum	420.5486304
wavelet-HLL	firstorder	RootMeanSquared	283.8678198
wavelet-HLL	firstorder	90Percentile	330.1534579
wavelet-HLL	firstorder	Minimum	-706.157451
wavelet-HLL	firstorder	Entropy	4.614858771
wavelet-HLL	firstorder	Range	1126.706081
wavelet-HLL	firstorder	Variance	77856.53363

wavelet-HLL	firstorder	10Percentile	-434.3378682
wavelet-HLL	firstorder	Kurtosis	2.602140742
wavelet-HLL	firstorder	Mean	-52.19583799
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.03010881
wavelet-HLL	glrlm	GrayLevelVariance	125.3398459
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.030114722
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.045824237
wavelet-HLL	glrlm	RunVariance	0.004154796
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.688611689
wavelet-HLL	glrlm	LongRunEmphasis	1.012820513
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	872.1174203
wavelet-HLL	glrlm	RunLengthNonUniformity	36.54700855
wavelet-HLL	glrlm	ShortRunEmphasis	0.996794872
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	882.0613306
wavelet-HLL	glrlm	RunPercentage	0.995841996
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.03013837
wavelet-HLL	glrlm	RunEntropy	4.623330499
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	874.1062024
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.991690408
wavelet-HLL	glszm	GrayLevelVariance	130.4212245
wavelet-HLL	glszm	ZoneVariance	0.053877551
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.043265306
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.892244898
wavelet-HLL	glszm	SizeZoneNonUniformity	31.22857143
wavelet-HLL	glszm	GrayLevelNonUniformity	1.514285714
wavelet-HLL	glszm	LargeAreaEmphasis	1.171428571
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	860.8642857
wavelet-HLL	glszm	ZonePercentage	0.945945946
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.031919194
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	993.8285714
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	887.4571429
wavelet-HLL	glszm	SmallAreaEmphasis	0.957142857
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.031602988
wavelet-HLL	glszm	ZoneEntropy	4.729283017
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.031523937
wavelet-HLL	ngtdm	Coarseness	0.105327005
wavelet-HLL	ngtdm	Complexity	2990.963717
wavelet-HLL	ngtdm	Strength	57.56054837
wavelet-HLL	ngtdm	Contrast	2.507976668
wavelet-HLL	ngtdm	Busyness	0.017277539
wavelet-LHL	gldm	GrayLevelVariance	157.8407597
wavelet-LHL	gldm	HighGrayLevelEmphasis	850.8108108
wavelet-LHL	gldm	DependenceEntropy	4.722966879
wavelet-LHL	gldm	DependenceNonUniformity	24.45945946
wavelet-LHL	gldm	GrayLevelNonUniformity	1.810810811
wavelet-LHL	gldm	SmallDependenceEmphasis	0.837837838
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	708.5135135
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.661066472
wavelet-LHL	gldm	LargeDependenceEmphasis	1.648648649
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031926872
wavelet-LHL	gldm	DependenceVariance	0.169466764
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1420
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.030255525
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.030589794
wavelet-LHL	glcm	JointAverage	27.0058669

wavelet-LHL	glcm	SumAverage	54.01173381
wavelet-LHL	glcm	JointEntropy	4.926183668
wavelet-LHL	glcm	ClusterShade	-266.535354
wavelet-LHL	glcm	MaximumProbability	0.04389383
wavelet-LHL	glcm	Idmn	0.887517802
wavelet-LHL	glcm	JointEnergy	0.035913421
wavelet-LHL	glcm	Contrast	405.8635922
wavelet-LHL	glcm	DifferenceEntropy	3.527477598
wavelet-LHL	glcm	InverseVariance	0.067449216
wavelet-LHL	glcm	DifferenceVariance	111.804176
wavelet-LHL	glcm	Idn	0.783476702
wavelet-LHL	glcm	Idm	0.05572148
wavelet-LHL	glcm	Correlation	-0.002059387
wavelet-LHL	glcm	Autocorrelation	726.311275
wavelet-LHL	glcm	SumEntropy	3.73462449
wavelet-LHL	glcm	SumSquares	199.7382931
wavelet-LHL	glcm	ClusterProminence	368231.3467
wavelet-LHL	glcm	Imc2	0.999657519
wavelet-LHL	glcm	Imc1	-0.859851851
wavelet-LHL	glcm	DifferenceAverage	16.05645112
wavelet-LHL	glcm	Id	0.122176017
wavelet-LHL	glcm	ClusterTendency	393.0895804
wavelet-LHL	firstorder	InterquartileRange	456.6132621
wavelet-LHL	firstorder	Skewness	-0.007663335
wavelet-LHL	firstorder	Uniformity	0.048940833
wavelet-LHL	firstorder	Median	-58.84267853
wavelet-LHL	firstorder	Energy	3686708.575
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	188.1455558
wavelet-LHL	firstorder	MeanAbsoluteDeviation	261.2195966
wavelet-LHL	firstorder	TotalEnergy	99541131.52
wavelet-LHL	firstorder	Maximum	582.1536367
wavelet-LHL	firstorder	RootMeanSquared	315.6592661
wavelet-LHL	firstorder	90Percentile	356.0626447
wavelet-LHL	firstorder	Minimum	-672.8750838
wavelet-LHL	firstorder	Entropy	4.540402352
wavelet-LHL	firstorder	Range	1255.028721
wavelet-LHL	firstorder	Variance	98655.68596
wavelet-LHL	firstorder	10Percentile	-476.0900507
wavelet-LHL	firstorder	Kurtosis	2.244817645
wavelet-LHL	firstorder	Mean	-31.38608498
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.030827003
wavelet-LHL	glrlm	GrayLevelVariance	158.3701248
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.030840594
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.048695618
wavelet-LHL	glrlm	RunVariance	0.008288854
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.787169587
wavelet-LHL	glrlm	LongRunEmphasis	1.026373626
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	844.7904663
wavelet-LHL	glrlm	RunLengthNonUniformity	36.11208791
wavelet-LHL	glrlm	ShortRunEmphasis	0.993406593
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	873.7190377
wavelet-LHL	glrlm	RunPercentage	0.991683992
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.030894959
wavelet-LHL	glrlm	RunEntropy	4.554615009
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	850.5761806

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.983422292
wavelet-LHL	glszm	GrayLevelVariance	165.2580349
wavelet-LHL	glszm	ZoneVariance	0.106519743
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.044995409
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.786960514
wavelet-LHL	glszm	SizeZoneNonUniformity	25.96969697
wavelet-LHL	glszm	GrayLevelNonUniformity	1.484848485
wavelet-LHL	glszm	LargeAreaEmphasis	1.363636364
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	767.8030303
wavelet-LHL	glszm	ZonePercentage	0.891891892
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.034797364
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1166.666667
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	847.5757576
wavelet-LHL	glszm	SmallAreaEmphasis	0.909090909
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.03404779
wavelet-LHL	glszm	ZoneEntropy	4.741363816
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.033860396
wavelet-LHL	ngtdm	Coarseness	0.054150525
wavelet-LHL	ngtdm	Complexity	4992.060045
wavelet-LHL	ngtdm	Strength	45.42697947
wavelet-LHL	ngtdm	Contrast	5.185795059
wavelet-LHL	ngtdm	Busyness	0.032780682
wavelet-LHH	gldm	GrayLevelVariance	26.17092768
wavelet-LHH	gldm	HighGrayLevelEmphasis	123.4864865
wavelet-LHH	gldm	DependenceEntropy	4.391489514
wavelet-LHH	gldm	DependenceNonUniformity	20.83783784
wavelet-LHH	gldm	GrayLevelNonUniformity	3.054054054
wavelet-LHH	gldm	SmallDependenceEmphasis	0.777214715
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	111.4934309
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.563184806
wavelet-LHH	gldm	LargeDependenceEmphasis	2.675675676
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.126962237
wavelet-LHH	gldm	DependenceVariance	0.623813002
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	200.0810811
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.069252965
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.075239264
wavelet-LHH	glcm	JointAverage	9.652285459
wavelet-LHH	glcm	SumAverage	19.30457092
wavelet-LHH	glcm	JointEntropy	4.811487561
wavelet-LHH	glcm	ClusterShade	61.22346381
wavelet-LHH	glcm	MaximumProbability	0.062114477
wavelet-LHH	glcm	Idmn	0.900332702
wavelet-LHH	glcm	JointEnergy	0.039568667
wavelet-LHH	glcm	Contrast	56.16578397
wavelet-LHH	glcm	DifferenceEntropy	2.918343777
wavelet-LHH	glcm	InverseVariance	0.138299983
wavelet-LHH	glcm	DifferenceVariance	15.68142122
wavelet-LHH	glcm	Idn	0.78897649
wavelet-LHH	glcm	Idm	0.127030928
wavelet-LHH	glcm	Correlation	-0.084423944
wavelet-LHH	glcm	Autocorrelation	91.32911107
wavelet-LHH	glcm	SumEntropy	3.45470766
wavelet-LHH	glcm	SumSquares	25.84413337
wavelet-LHH	glcm	ClusterProminence	6051.28676
wavelet-LHH	glcm	Imc2	0.995538402

wavelet-LHH	glcm	Imc1	-0.672618731
wavelet-LHH	glcm	DifferenceAverage	6.2182653
wavelet-LHH	glcm	Id	0.221969568
wavelet-LHH	glcm	ClusterTendency	47.21074952
wavelet-LHH	firstorder	InterquartileRange	191.2852128
wavelet-LHH	firstorder	Skewness	0.343467768
wavelet-LHH	firstorder	Uniformity	0.082542001
wavelet-LHH	firstorder	Median	2.311493306
wavelet-LHH	firstorder	Energy	611642.5632
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	74.22886175
wavelet-LHH	firstorder	MeanAbsoluteDeviation	105.0531165
wavelet-LHH	firstorder	TotalEnergy	16514349.21
wavelet-LHH	firstorder	Maximum	278.4845834
wavelet-LHH	firstorder	RootMeanSquared	128.5724702
wavelet-LHH	firstorder	90Percentile	178.7385026
wavelet-LHH	firstorder	Minimum	-219.7788565
wavelet-LHH	firstorder	Entropy	3.830546609
wavelet-LHH	firstorder	Range	498.2634399
wavelet-LHH	firstorder	Variance	16467.78269
wavelet-LHH	firstorder	10Percentile	-122.0917318
wavelet-LHH	firstorder	Kurtosis	2.402605079
wavelet-LHH	firstorder	Mean	7.943386985
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.075648174
wavelet-LHH	glrlm	GrayLevelVariance	26.35245163
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.076028067
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.080861392
wavelet-LHH	glrlm	RunVariance	0.016608814
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.943140943
wavelet-LHH	glrlm	LongRunEmphasis	1.051648352
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	124.1444956
wavelet-LHH	glrlm	RunLengthNonUniformity	35.1970696
wavelet-LHH	glrlm	ShortRunEmphasis	0.987087912
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	127.2901
wavelet-LHH	glrlm	RunPercentage	0.983367983
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.077547641
wavelet-LHH	glrlm	RunEntropy	3.901915328
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	124.7736165
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.966782371
wavelet-LHH	glszm	GrayLevelVariance	28.51222222
wavelet-LHH	glszm	ZoneVariance	0.645555556
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.068888889
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.813333333
wavelet-LHH	glszm	SizeZoneNonUniformity	24.4
wavelet-LHH	glszm	GrayLevelNonUniformity	2.066666667
wavelet-LHH	glszm	LargeAreaEmphasis	2.166666667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	134.8037037
wavelet-LHH	glszm	ZonePercentage	0.810810811
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.122503426
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	193.2333333
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	140.1666667
wavelet-LHH	glszm	SmallAreaEmphasis	0.91337037
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.086274259
wavelet-LHH	glszm	ZoneEntropy	4.189898095
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.084307338
wavelet-LHH	ngtdm	Coarseness	0.076202036



wavelet-LHH	ngtdm	Complexity	628.8977318
wavelet-LHH	ngtdm	Strength	12.69542212
wavelet-LHH	ngtdm	Contrast	0.888513094
wavelet-LHH	ngtdm	Busyness	0.132664298
wavelet-LLH	gldm	GrayLevelVariance	416.8224982
wavelet-LLH	gldm	HighGrayLevelEmphasis	3263.189189
wavelet-LLH	gldm	DependenceEntropy	4.722966879
wavelet-LLH	gldm	DependenceNonUniformity	19.59459459
wavelet-LLH	gldm	GrayLevelNonUniformity	1.594594595
wavelet-LLH	gldm	SmallDependenceEmphasis	0.716216216
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	2099.027027
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.529583638
wavelet-LLH	gldm	LargeDependenceEmphasis	2.135135135
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028274106
wavelet-LLH	gldm	DependenceVariance	0.235208181
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	7919.837838
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02789032
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.027967077
wavelet-LLH	glcm	JointAverage	57.54584173
wavelet-LLH	glcm	SumAverage	115.0916835
wavelet-LLH	glcm	JointEntropy	4.920376729
wavelet-LLH	glcm	ClusterShade	-7425.802903
wavelet-LLH	glcm	MaximumProbability	0.049612238
wavelet-LLH	glcm	Idmn	0.933129607
wavelet-LLH	glcm	JointEnergy	0.036149783
wavelet-LLH	glcm	Contrast	624.5936156
wavelet-LLH	glcm	DifferenceEntropy	3.44452824
wavelet-LLH	glcm	InverseVariance	0.088122045
wavelet-LLH	glcm	DifferenceVariance	267.1722227
wavelet-LLH	glcm	Idn	0.851937396
wavelet-LLH	glcm	Idm	0.087068907
wavelet-LLH	glcm	Correlation	-0.066982178
wavelet-LLH	glcm	Autocorrelation	3288.757162
wavelet-LLH	glcm	SumEntropy	3.692628872
wavelet-LLH	glcm	SumSquares	284.961836
wavelet-LLH	glcm	ClusterProminence	1366121.099
wavelet-LLH	glcm	Imc2	0.999459127
wavelet-LLH	glcm	Imc1	-0.826454265
wavelet-LLH	glcm	DifferenceAverage	16.80259834
wavelet-LLH	glcm	Id	0.15986084
wavelet-LLH	glcm	ClusterTendency	515.2537283
wavelet-LLH	firstorder	InterquartileRange	449.1548787
wavelet-LLH	firstorder	Skewness	-0.831275922
wavelet-LLH	firstorder	Uniformity	0.043097151
wavelet-LLH	firstorder	Median	-33.17241607
wavelet-LLH	firstorder	Energy	10050192.04
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	236.9047852
wavelet-LLH	firstorder	MeanAbsoluteDeviation	383.443621
wavelet-LLH	firstorder	TotalEnergy	271355185.1
wavelet-LLH	firstorder	Maximum	583.3740835
wavelet-LLH	firstorder	RootMeanSquared	521.1782918
wavelet-LLH	firstorder	90Percentile	510.3032135
wavelet-LLH	firstorder	Minimum	-1421.092393
wavelet-LLH	firstorder	Entropy	4.64851046
wavelet-LLH	firstorder	Range	2004.466477

wavelet-LLH	firstorder	Variance	261071.1565
wavelet-LLH	firstorder	10Percentile	-877.9817992
wavelet-LLH	firstorder	Kurtosis	3.195636482
wavelet-LLH	firstorder	Mean	-102.7407189
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.028399701
wavelet-LLH	glrlm	GrayLevelVariance	419.7374531
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.02840288
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.043009203
wavelet-LLH	glrlm	RunVariance	0.01442602
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.568208068
wavelet-LLH	glrlm	LongRunEmphasis	1.047202797
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	3200.832706
wavelet-LLH	glrlm	RunLengthNonUniformity	35.47202797
wavelet-LLH	glrlm	ShortRunEmphasis	0.988199301
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3444.476354
wavelet-LLH	glrlm	RunPercentage	0.985446985
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.028415596
wavelet-LLH	glrlm	RunEntropy	4.655220683
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	3249.561436
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.97114796
wavelet-LLH	glszm	GrayLevelVariance	459.5955556
wavelet-LLH	glszm	ZoneVariance	0.178888889
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.04
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.642222222
wavelet-LLH	glszm	SizeZoneNonUniformity	19.26666667
wavelet-LLH	glszm	GrayLevelNonUniformity	1.2
wavelet-LLH	glszm	LargeAreaEmphasis	1.7
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2349.5
wavelet-LLH	glszm	ZonePercentage	0.810810811
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.034618952
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	5939
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	3067.4
wavelet-LLH	glszm	SmallAreaEmphasis	0.825
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.034429617
wavelet-LLH	glszm	ZoneEntropy	4.773557262
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.034382283
wavelet-LLH	ngtdm	Coarseness	0.045801859
wavelet-LLH	ngtdm	Complexity	13080.5226
wavelet-LLH	ngtdm	Strength	84.24709468
wavelet-LLH	ngtdm	Contrast	18.81624933
wavelet-LLH	ngtdm	Busyness	0.0200553
wavelet-LLL	gldm	GrayLevelVariance	214.8327246
wavelet-LLL	gldm	HighGrayLevelEmphasis	1160.810811
wavelet-LLL	gldm	DependenceEntropy	4.831074987
wavelet-LLL	gldm	DependenceNonUniformity	26.94594595
wavelet-LLL	gldm	GrayLevelNonUniformity	1.378378378
wavelet-LLL	gldm	SmallDependenceEmphasis	0.878378378
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1015.067568
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.728268809
wavelet-LLL	gldm	LargeDependenceEmphasis	1.486486486
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030575592
wavelet-LLL	gldm	DependenceVariance	0.135865595
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1743.783784
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029431794
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.029660553

wavelet-LLL	glcm	JointAverage	33.4814355
wavelet-LLL	glcm	SumAverage	66.962871
wavelet-LLL	glcm	JointEntropy	4.958694101
wavelet-LLL	glcm	ClusterShade	-1799.982692
wavelet-LLL	glcm	MaximumProbability	0.041009394
wavelet-LLL	glcm	Idmn	0.919903243
wavelet-LLL	glcm	JointEnergy	0.03513821
wavelet-LLL	glcm	Contrast	433.5432457
wavelet-LLL	glcm	DifferenceEntropy	3.682110635
wavelet-LLL	glcm	InverseVariance	0.050808746
wavelet-LLL	glcm	DifferenceVariance	145.9139159
wavelet-LLL	glcm	Idn	0.813209476
wavelet-LLL	glcm	Idm	0.046685283
wavelet-LLL	glcm	Correlation	0.040157412
wavelet-LLL	glcm	Autocorrelation	1133.715423
wavelet-LLL	glcm	SumEntropy	3.908436056
wavelet-LLL	glcm	SumSquares	226.2313673
wavelet-LLL	glcm	ClusterProminence	590639.0142
wavelet-LLL	glcm	Imc2	0.999799705
wavelet-LLL	glcm	Imc1	-0.890945113
wavelet-LLL	glcm	DifferenceAverage	16.82415257
wavelet-LLL	glcm	Id	0.114005364
wavelet-LLL	glcm	ClusterTendency	471.3822233
wavelet-LLL	firstorder	InterquartileRange	455.1350158
wavelet-LLL	firstorder	Skewness	0.109468148
wavelet-LLL	firstorder	Uniformity	0.03725347
wavelet-LLL	firstorder	Median	-1137.971137
wavelet-LLL	firstorder	Energy	55485268.82
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	212.7567733
wavelet-LLL	firstorder	MeanAbsoluteDeviation	299.8523635
wavelet-LLL	firstorder	TotalEnergy	1498102258
wavelet-LLL	firstorder	Maximum	-290.7839299
wavelet-LLL	firstorder	RootMeanSquared	1224.582321
wavelet-LLL	firstorder	90Percentile	-783.9819129
wavelet-LLL	firstorder	Minimum	-1914.887492
wavelet-LLL	firstorder	Entropy	4.831074987
wavelet-LLL	firstorder	Range	1624.103563
wavelet-LLL	firstorder	Variance	132950.2751
wavelet-LLL	firstorder	10Percentile	-1639.829141
wavelet-LLL	firstorder	Kurtosis	2.673648852
wavelet-LLL	firstorder	Mean	-1169.038744
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.029829585
wavelet-LLL	glrlm	GrayLevelVariance	215.1862008
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.029838628
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.037203524
wavelet-LLL	glrlm	RunVariance	0.006232194
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.367983368
wavelet-LLL	glrlm	LongRunEmphasis	1.019230769
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1154.809064
wavelet-LLL	glrlm	RunLengthNonUniformity	36.32051282
wavelet-LLL	glrlm	ShortRunEmphasis	0.995192308
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1183.615154
wavelet-LLL	glrlm	RunPercentage	0.993762994
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.029874799
wavelet-LLL	glrlm	RunEntropy	4.832348067

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1160.570282
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.987535613
wavelet-LLL	glszm	GrayLevelVariance	220.0596886
wavelet-LLL	glszm	ZoneVariance	0.080449827
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.03633218
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.839100346
wavelet-LLL	glszm	SizeZoneNonUniformity	28.52941176
wavelet-LLL	glszm	GrayLevelNonUniformity	1.235294118
wavelet-LLL	glszm	LargeAreaEmphasis	1.264705882
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1078.198529
wavelet-LLL	glszm	ZonePercentage	0.918918919
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.032609587
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1474.705882
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1157.5
wavelet-LLL	glszm	SmallAreaEmphasis	0.933823529
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.032111698
wavelet-LLL	glszm	ZoneEntropy	4.852168724
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.031987226
wavelet-LLL	ngtdm	Coarseness	0.067318295
wavelet-LLL	ngtdm	Complexity	7029.703067
wavelet-LLL	ngtdm	Strength	63.00348155
wavelet-LLL	ngtdm	Contrast	5.777574301
wavelet-LLL	ngtdm	Busyness	0.02378517
wavelet-HHL	gldm	GrayLevelVariance	16.35792549
wavelet-HHL	gldm	HighGrayLevelEmphasis	106.3513514
wavelet-HHL	gldm	DependenceEntropy	4.391489514
wavelet-HHL	gldm	DependenceNonUniformity	17.10810811
wavelet-HHL	gldm	GrayLevelNonUniformity	3.378378378
wavelet-HHL	gldm	SmallDependenceEmphasis	0.705660661
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	88.53238739
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.4623813
wavelet-HHL	gldm	LargeDependenceEmphasis	3.810810811
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.099347643
wavelet-HHL	gldm	DependenceVariance	1.092768444
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	289.7567568
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.038782399
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.044869125
wavelet-HHL	glcm	JointAverage	9.482204865
wavelet-HHL	glcm	SumAverage	18.96440973
wavelet-HHL	glcm	JointEntropy	4.75626229
wavelet-HHL	glcm	ClusterShade	11.8027627
wavelet-HHL	glcm	MaximumProbability	0.063322206
wavelet-HHL	glcm	Idmn	0.912395887
wavelet-HHL	glcm	JointEnergy	0.0412171
wavelet-HHL	glcm	Contrast	40.10345487
wavelet-HHL	glcm	DifferenceEntropy	2.878260221
wavelet-HHL	glcm	InverseVariance	0.209836795
wavelet-HHL	glcm	DifferenceVariance	12.32690589
wavelet-HHL	glcm	Idn	0.806021423
wavelet-HHL	glcm	Idm	0.169700392
wavelet-HHL	glcm	Correlation	-0.043295573
wavelet-HHL	glcm	Autocorrelation	89.33163303
wavelet-HHL	glcm	SumEntropy	3.260513133
wavelet-HHL	glcm	SumSquares	19.01643296
wavelet-HHL	glcm	ClusterProminence	3569.38465

wavelet-HHL	glcm	Imc2	0.996055081
wavelet-HHL	glcm	Imc1	-0.698328293
wavelet-HHL	glcm	DifferenceAverage	5.10629499
wavelet-HHL	glcm	Id	0.261617749
wavelet-HHL	glcm	ClusterTendency	35.96227699
wavelet-HHL	firstorder	InterquartileRange	143.152841
wavelet-HHL	firstorder	Skewness	0.263408276
wavelet-HHL	firstorder	Uniformity	0.091307524
wavelet-HHL	firstorder	Median	-43.09377854
wavelet-HHL	firstorder	Energy	410053.4296
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	55.80358776
wavelet-HHL	firstorder	MeanAbsoluteDeviation	81.9404176
wavelet-HHL	firstorder	TotalEnergy	11071442.6
wavelet-HHL	firstorder	Maximum	201.8758687
wavelet-HHL	firstorder	RootMeanSquared	105.2735728
wavelet-HHL	firstorder	90Percentile	119.3111048
wavelet-HHL	firstorder	Minimum	-249.8554256
wavelet-HHL	firstorder	Entropy	3.752260205
wavelet-HHL	firstorder	Range	451.7312943
wavelet-HHL	firstorder	Variance	10322.91492
wavelet-HHL	firstorder	10Percentile	-146.2344519
wavelet-HHL	firstorder	Kurtosis	2.60462211
wavelet-HHL	firstorder	Mean	-27.56102689
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.045119969
wavelet-HHL	glrlm	GrayLevelVariance	16.62757452
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.045517479
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.088901226
wavelet-HHL	glrlm	RunVariance	0.024864292
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.20923768
wavelet-HHL	glrlm	LongRunEmphasis	1.078786899
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	106.252257
wavelet-HHL	glrlm	RunLengthNonUniformity	34.32802557
wavelet-HHL	glrlm	ShortRunEmphasis	0.980303275
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	112.4496686
wavelet-HHL	glrlm	RunPercentage	0.975051975
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.047107517
wavelet-HHL	glrlm	RunEntropy	3.850477965
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	107.4917393
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.950271416
wavelet-HHL	glszm	GrayLevelVariance	19.53443878
wavelet-HHL	glszm	ZoneVariance	1.003826531
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.073979592
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.742346939
wavelet-HHL	glszm	SizeZoneNonUniformity	20.78571429
wavelet-HHL	glszm	GrayLevelNonUniformity	2.071428571
wavelet-HHL	glszm	LargeAreaEmphasis	2.75
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	113.6170635
wavelet-HHL	glszm	ZonePercentage	0.756756757
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.083664083
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	240.75
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	120.25
wavelet-HHL	glszm	SmallAreaEmphasis	0.879960317
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.052942717
wavelet-HHL	glszm	ZoneEntropy	4.182005815
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.050279032

wavelet-HHL	ngtdm	Coarseness	0.131474427
wavelet-HHL	ngtdm	Complexity	360.8577631
wavelet-HHL	ngtdm	Strength	11.66317279
wavelet-HHL	ngtdm	Contrast	0.403905503
wavelet-HHL	ngtdm	Busyness	0.058924529
wavelet-HLH	gldm	GrayLevelVariance	143.7048941
wavelet-HLH	gldm	HighGrayLevelEmphasis	521.3243243
wavelet-HLH	gldm	DependenceEntropy	4.411891879
wavelet-HLH	gldm	DependenceNonUniformity	15.91891892
wavelet-HLH	gldm	GrayLevelNonUniformity	2.513513514
wavelet-HLH	gldm	SmallDependenceEmphasis	0.603603604
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	411.5900901
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.430241052
wavelet-HLH	gldm	LargeDependenceEmphasis	2.945945946
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.226148479
wavelet-HLH	gldm	DependenceVariance	0.403214025
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1090.351351
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015787809
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.057660297
wavelet-HLH	glcm	JointAverage	18.09663596
wavelet-HLH	glcm	SumAverage	36.19327192
wavelet-HLH	glcm	JointEntropy	4.844779633
wavelet-HLH	glcm	ClusterShade	4268.834155
wavelet-HLH	glcm	MaximumProbability	0.053781143
wavelet-HLH	glcm	Idmn	0.969730442
wavelet-HLH	glcm	JointEnergy	0.03810165
wavelet-HLH	glcm	Contrast	170.3189069
wavelet-HLH	glcm	DifferenceEntropy	3.124554701
wavelet-HLH	glcm	InverseVariance	0.179070133
wavelet-HLH	glcm	DifferenceVariance	100.5960141
wavelet-HLH	glcm	Idn	0.903274045
wavelet-HLH	glcm	Idm	0.153433717
wavelet-HLH	glcm	Correlation	-0.109759486
wavelet-HLH	glcm	Autocorrelation	326.2052615
wavelet-HLH	glcm	SumEntropy	3.408243367
wavelet-HLH	glcm	SumSquares	83.06817583
wavelet-HLH	glcm	ClusterProminence	326351.4249
wavelet-HLH	glcm	Imc2	0.998009589
wavelet-HLH	glcm	Imc1	-0.739630556
wavelet-HLH	glcm	DifferenceAverage	7.921812969
wavelet-HLH	glcm	Id	0.240926236
wavelet-HLH	glcm	ClusterTendency	161.9537965
wavelet-HLH	firstorder	InterquartileRange	167.6458962
wavelet-HLH	firstorder	Skewness	2.139273875
wavelet-HLH	firstorder	Uniformity	0.067932798
wavelet-HLH	firstorder	Median	17.42683478
wavelet-HLH	firstorder	Energy	3394052.156
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	74.70273447
wavelet-HLH	firstorder	MeanAbsoluteDeviation	175.2986804
wavelet-HLH	firstorder	TotalEnergy	91639408.2
wavelet-HLH	firstorder	Maximum	1164.034999
wavelet-HLH	firstorder	RootMeanSquared	302.8714898
wavelet-HLH	firstorder	90Percentile	172.232053
wavelet-HLH	firstorder	Minimum	-416.6172575
wavelet-HLH	firstorder	Entropy	4.098117812

wavelet-HLH	firstorder	Range	1580.652256
wavelet-HLH	firstorder	Variance	89470.44266
wavelet-HLH	firstorder	10Percentile	-150.749319
wavelet-HLH	firstorder	Kurtosis	8.297571308
wavelet-HLH	firstorder	Mean	47.54678415
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.054959657
wavelet-HLH	glrlm	GrayLevelVariance	146.112357
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.056716538
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.067360871
wavelet-HLH	glrlm	RunVariance	0.022763886
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.435849877
wavelet-HLH	glrlm	LongRunEmphasis	1.072775264
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	521.8835997
wavelet-HLH	glrlm	RunLengthNonUniformity	34.56435395
wavelet-HLH	glrlm	ShortRunEmphasis	0.981806184
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	547.7848063
wavelet-HLH	glrlm	RunPercentage	0.977130977
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.06374406
wavelet-HLH	glrlm	RunEntropy	4.14319822
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	527.063841
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.954472228
wavelet-HLH	glszm	GrayLevelVariance	177.9286694
wavelet-HLH	glszm	ZoneVariance	0.307270233
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.061728395
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.533607682
wavelet-HLH	glszm	SizeZoneNonUniformity	14.40740741
wavelet-HLH	glszm	GrayLevelNonUniformity	1.666666667
wavelet-HLH	glszm	LargeAreaEmphasis	2.185185185
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	541.9393004
wavelet-HLH	glszm	ZonePercentage	0.72972973
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.155774509
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	947.5925926
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	611.1851852
wavelet-HLH	glszm	SmallAreaEmphasis	0.744855967
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.040739285
wavelet-HLH	glszm	ZoneEntropy	4.430632409
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012094475
wavelet-HLH	ngtdm	Coarseness	0.081177617
wavelet-HLH	ngtdm	Complexity	2909.9883
wavelet-HLH	ngtdm	Strength	57.58135841
wavelet-HLH	ngtdm	Contrast	5.404939762
wavelet-HLH	ngtdm	Busyness	0.045533533

Image type	Feature Class	Feature Name	
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general	info	MaskHash	
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	4698
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original	shape	Sphericity	0.802412988
original	shape	MinorAxis	52.52326729
original	shape	Elongation	0.727645538
original	shape	SurfaceVolumeRatio	0.11994825
original	shape	Volume	126846
original	shape	MajorAxis	72.18249069
original	shape	SurfaceArea	15214.95572
original	shape	Flatness	0.657468495
original	shape	LeastAxis	47.4577135
original	shape	Maximum2DDiameterColumn	67.08203932
original	shape	Maximum2DDiameterRow	70.29224708
original	gldm	GrayLevelVariance	178.0301662
original	gldm	HighGrayLevelEmphasis	1324.727544
original	gldm	DependenceEntropy	7.036291477
original	gldm	DependenceNonUniformity	419.0791826
original	gldm	GrayLevelNonUniformity	731.2005109
original	gldm	SmallDependenceEmphasis	0.27680686
original	gldm	SmallDependenceHighGrayLevelEmphasis	222.2744472
original	gldm	DependenceNonUniformityNormalized	0.089203743
original	gldm	LargeDependenceEmphasis	113.49255
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.222898849
original	gldm	DependenceVariance	48.45302866



original	gldm	LargeDependenceHighGrayLevelEmphasis	196679.6701
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004525609
original	gldm	LowGrayLevelEmphasis	0.0120954
original	glcm	JointAverage	35.60937297
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original	glcm	JointEntropy	6.688864932
original	glcm	ClusterShade	-15739.61989
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original	glcm	ldmn	0.98306387
original	glcm	JointEnergy	0.066313033
original	glcm	Contrast	113.2663353
original	glcm	DifferenceEntropy	3.505971116
original	glcm	InverseVariance	0.311062219
original	glcm	DifferenceVariance	81.78916823
original	glcm	ldn	0.942187681
original	glcm	ldm	0.470958637
original	glcm	Correlation	0.599502177
original	glcm	Autocorrelation	1354.333521
original	glcm	SumEntropy	4.707259872
original	glcm	SumSquares	142.831991
original	glcm	ClusterProminence	950198.8142
original	glcm	lmc2	0.83045137
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original	glcm	DifferenceAverage	5.554139677
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original	glcm	ClusterTendency	458.0616287
original	firstorder	InterquartileRange	341.5
original	firstorder	Skewness	-1.280414712
original	firstorder	Uniformity	0.155640807
original	firstorder	Median	-4
original	firstorder	Energy	694883622
original	firstorder	RobustMeanAbsoluteDeviation	186.9796975
original	firstorder	MeanAbsoluteDeviation	273.5375631
original	firstorder	TotalEnergy	18761857794
original	firstorder	Maximum	878
original	firstorder	RootMeanSquared	384.5913673
original	firstorder	90Percentile	27
original	firstorder	Minimum	-1012
original	firstorder	Entropy	3.950904826
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original	firstorder	Kurtosis	3.240799689
original	firstorder	Mean	-191.608344
original	glrlm	ShortRunLowGrayLevelEmphasis	0.014330086
original	glrlm	GrayLevelVariance	205.4624622
original	glrlm	LowGrayLevelRunEmphasis	0.015218192
original	glrlm	GrayLevelNonUniformityNormalized	0.084854362
original	glrlm	RunVariance	0.993845051
original	glrlm	GrayLevelNonUniformity	290.7521026
original	glrlm	LongRunEmphasis	2.885805093
original	glrlm	ShortRunHighGrayLevelEmphasis	917.5128033
original	glrlm	RunLengthNonUniformity	2271.320459

original	glrlm	ShortRunEmphasis	0.839253346
original	glrlm	LongRunHighGrayLevelEmphasis	4427.996261
original	glrlm	RunPercentage	0.728280447
original	glrlm	LongRunLowGrayLevelEmphasis	0.020330196
original	glrlm	RunEntropy	5.407386765
original	glrlm	HighGrayLevelRunEmphasis	1184.755005
original	glrlm	RunLengthNonUniformityNormalized	0.663140178
original	glszm	GrayLevelVariance	190.7109555
original	glszm	ZoneVariance	2241.503098
original	glszm	GrayLevelNonUniformityNormalized	0.024273455
original	glszm	SizeZoneNonUniformityNormalized	0.626656234
original	glszm	SizeZoneNonUniformity	878.5720399
original	glszm	GrayLevelNonUniformity	34.03138374
original	glszm	LargeAreaEmphasis	2252.731812
original	glszm	SmallAreaHighGrayLevelEmphasis	631.4337558
original	glszm	ZonePercentage	0.298424862
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original	glszm	LargeAreaHighGrayLevelEmphasis	3948505.153
original	glszm	HighGrayLevelZoneEmphasis	762.2346648
original	glszm	SmallAreaEmphasis	0.81863106
original	glszm	LowGrayLevelZoneEmphasis	0.018786011
original	glszm	ZoneEntropy	6.490865536
original	glszm	SmallAreaLowGrayLevelEmphasis	0.012413931
original	ngtdm	Coarseness	0.000735893
original	ngtdm	Complexity	10595.80385
original	ngtdm	Strength	3.615994507
original	ngtdm	Contrast	0.388751879
original	ngtdm	Busyness	0.365035885
wavelet-HHH	gldm	GrayLevelVariance	7.875090276
wavelet-HHH	gldm	HighGrayLevelEmphasis	279.247765
wavelet-HHH	gldm	DependenceEntropy	6.247285041
wavelet-HHH	gldm	DependenceNonUniformity	394.1281396
wavelet-HHH	gldm	GrayLevelNonUniformity	831.3639847
wavelet-HHH	gldm	SmallDependenceEmphasis	0.196198084
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	56.89897855
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.08389275
wavelet-HHH	gldm	LargeDependenceEmphasis	70.94848872
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.264175771
wavelet-HHH	gldm	DependenceVariance	24.69806668
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	19301.82205
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001553661
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.00467067
wavelet-HHH	glcm	JointAverage	16.4816208
wavelet-HHH	glcm	SumAverage	32.9632416
wavelet-HHH	glcm	JointEntropy	5.889860659
wavelet-HHH	glcm	ClusterShade	-3.54529676
wavelet-HHH	glcm	MaximumProbability	0.126932328
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wavelet-HHH	glcm	DifferenceEntropy	2.867013345
wavelet-HHH	glcm	InverseVariance	0.373197912
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wavelet-HHH	glcm	ClusterTendency	13.77652503
wavelet-HHH	firstorder	InterquartileRange	37.4934186
wavelet-HHH	firstorder	Skewness	-0.116252512
wavelet-HHH	firstorder	Uniformity	0.176961257
wavelet-HHH	firstorder	Median	-0.051041827
wavelet-HHH	firstorder	Energy	22900980.45
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	19.70339672
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wavelet-HHH	firstorder	TotalEnergy	618326472.2
wavelet-HHH	firstorder	Maximum	468.4457846
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wavelet-HHH	firstorder	Minimum	-397.6850149
wavelet-HHH	firstorder	Entropy	3.185454674
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wavelet-HHH	firstorder	Variance	4874.297467
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wavelet-HHH	firstorder	Kurtosis	7.483152313
wavelet-HHH	firstorder	Mean	-0.570853523
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004375142
wavelet-HHH	glrlm	GrayLevelVariance	9.814983016
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.004940404
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalzied	0.136714661
wavelet-HHH	glrlm	RunVariance	0.544461566
wavelet-HHH	glrlm	GrayLevelNonUniformity	499.4989372
wavelet-HHH	glrlm	LongRunEmphasis	2.206975458
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	239.6667015
wavelet-HHH	glrlm	RunLengthNonUniformity	2474.626294
wavelet-HHH	glrlm	ShortRunEmphasis	0.849184872
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	609.8205997
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wavelet-HHH	glszm	GrayLevelVariance	25.56453454
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wavelet-HHH	glszm	LargeAreaEmphasis	3303.906883

wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	203.3282586
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wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	290.3512146
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.006379916
wavelet-HHH	ngtdm	Coarseness	1.64E-03
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wavelet-HHH	ngtdm	Contrast	0.031775795
wavelet-HHH	ngtdm	Busyness	0.768960897
wavelet-HLL	gldm	GrayLevelVariance	46.9360068
wavelet-HLL	gldm	HighGrayLevelEmphasis	1846.497871
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wavelet-HLL	gldm	DependenceNonUniformity	611.9778629
wavelet-HLL	gldm	GrayLevelNonUniformity	423.308642
wavelet-HLL	gldm	SmallDependenceEmphasis	0.305172558
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	570.5544156
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.130263487
wavelet-HLL	gldm	LargeDependenceEmphasis	57.51809281
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030989883
wavelet-HLL	gldm	DependenceVariance	27.11570896
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	108581.9121
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000428595
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.000835246
wavelet-HLL	glcm	JointAverage	42.41529774
wavelet-HLL	glcm	SumAverage	84.83059549
wavelet-HLL	glcm	JointEntropy	7.86244418
wavelet-HLL	glcm	ClusterShade	15.333422
wavelet-HLL	glcm	MaximumProbability	0.092632941
wavelet-HLL	glcm	Idmn	0.989132369
wavelet-HLL	glcm	JointEnergy	0.027566555
wavelet-HLL	glcm	Contrast	56.31464186
wavelet-HLL	glcm	DifferenceEntropy	3.684867379
wavelet-HLL	glcm	InverseVariance	0.280524533
wavelet-HLL	glcm	DifferenceVariance	34.34451255
wavelet-HLL	glcm	Idn	0.942730463
wavelet-HLL	glcm	Idm	0.350097619
wavelet-HLL	glcm	Correlation	0.330656454
wavelet-HLL	glcm	Autocorrelation	1813.560712
wavelet-HLL	glcm	SumEntropy	4.972368194
wavelet-HLL	glcm	SumSquares	42.65809642
wavelet-HLL	glcm	ClusterProminence	70093.63219
wavelet-HLL	glcm	Imc2	0.834682879
wavelet-HLL	glcm	Imc1	-0.147340975
wavelet-HLL	glcm	DifferenceAverage	4.601770052
wavelet-HLL	glcm	Id	0.410857203
wavelet-HLL	glcm	ClusterTendency	114.3177438
wavelet-HLL	firstorder	InterquartileRange	122.9433607
wavelet-HLL	firstorder	Skewness	-0.146924371

wavelet-HLL	firstorder	Uniformity	0.090104011
wavelet-HLL	firstorder	Median	-5.480106918
wavelet-HLL	firstorder	Energy	140992927
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	64.09421664
wavelet-HLL	firstorder	MeanAbsoluteDeviation	116.839729
wavelet-HLL	firstorder	TotalEnergy	3806809029
wavelet-HLL	firstorder	Maximum	626.540058
wavelet-HLL	firstorder	RootMeanSquared	173.2375994
wavelet-HLL	firstorder	90Percentile	175.8995233
wavelet-HLL	firstorder	Minimum	-1054.760761
wavelet-HLL	firstorder	Entropy	4.39634981
wavelet-HLL	firstorder	Range	1681.300819
wavelet-HLL	firstorder	Variance	29290.66635
wavelet-HLL	firstorder	10Percentile	-246.2205258
wavelet-HLL	firstorder	Kurtosis	5.096236738
wavelet-HLL	firstorder	Mean	-26.84398443
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.000837273
wavelet-HLL	grlm	GrayLevelVariance	54.87513555
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.000897031
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.062485991
wavelet-HLL	grlm	RunVariance	0.469237243
wavelet-HLL	grlm	GrayLevelNonUniformity	243.6545236
wavelet-HLL	grlm	LongRunEmphasis	1.944498595
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	1637.50088
wavelet-HLL	grlm	RunLengthNonUniformity	2946.354739
wavelet-HLL	grlm	ShortRunEmphasis	0.89169626
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	3616.723948
wavelet-HLL	grlm	RunPercentage	0.826390936
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.001407456
wavelet-HLL	grlm	RunEntropy	5.309799974
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	1840.108632
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.757786176
wavelet-HLL	glszm	GrayLevelVariance	88.56436605
wavelet-HLL	glszm	ZoneVariance	854.3818441
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.030671924
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.462353603
wavelet-HLL	glszm	SizeZoneNonUniformity	761.9587379
wavelet-HLL	glszm	GrayLevelNonUniformity	50.5473301
wavelet-HLL	glszm	LargeAreaEmphasis	862.5084951
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1338.232524
wavelet-HLL	glszm	ZonePercentage	0.350787569
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.456917061
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1632882.845
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1860.831311
wavelet-HLL	glszm	SmallAreaEmphasis	0.706864296
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.001310356
wavelet-HLL	glszm	ZoneEntropy	6.778303019
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001117097
wavelet-HLL	ngtdm	Coarseness	0.001558657
wavelet-HLL	ngtdm	Complexity	5329.763973
wavelet-HLL	ngtdm	Strength	2.881530391
wavelet-HLL	ngtdm	Contrast	0.090432146
wavelet-HLL	ngtdm	Busyness	0.177794599

wavelet-LHL	gldm	GrayLevelVariance	62.30351874
wavelet-LHL	gldm	HighGrayLevelEmphasis	1473.011069
wavelet-LHL	gldm	DependenceEntropy	7.136688435
wavelet-LHL	gldm	DependenceNonUniformity	671.9297573
wavelet-LHL	gldm	GrayLevelNonUniformity	430.7220094
wavelet-LHL	gldm	SmallDependenceEmphasis	0.351775078
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	522.192861
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.14302464
wavelet-LHL	gldm	LargeDependenceEmphasis	53.45806726
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.037017419
wavelet-LHL	gldm	DependenceVariance	25.55142819
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	79410.58961
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00099077
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001470237
wavelet-LHL	glcm	JointAverage	37.51597713
wavelet-LHL	glcm	SumAverage	75.03195426
wavelet-LHL	glcm	JointEntropy	7.975671917
wavelet-LHL	glcm	ClusterShade	-316.0025737
wavelet-LHL	glcm	MaximumProbability	0.094120918
wavelet-LHL	glcm	ldmn	0.984382204
wavelet-LHL	glcm	JointEnergy	0.027647461
wavelet-LHL	glcm	Contrast	87.58015757
wavelet-LHL	glcm	DifferenceEntropy	3.877466746
wavelet-LHL	glcm	InverseVariance	0.27869846
wavelet-LHL	glcm	DifferenceVariance	56.21785963
wavelet-LHL	glcm	ldn	0.934952306
wavelet-LHL	glcm	ldm	0.339108408
wavelet-LHL	glcm	Correlation	0.200396467
wavelet-LHL	glcm	Autocorrelation	1419.031214
wavelet-LHL	glcm	SumEntropy	4.988140354
wavelet-LHL	glcm	SumSquares	55.36967218
wavelet-LHL	glcm	ClusterProminence	116687.61
wavelet-LHL	glcm	lmc2	0.852868909
wavelet-LHL	glcm	lmc1	-0.154550081
wavelet-LHL	glcm	DifferenceAverage	5.494285064
wavelet-LHL	glcm	ld	0.397733196
wavelet-LHL	glcm	ClusterTendency	133.8985311
wavelet-LHL	firstorder	InterquartileRange	113.9561248
wavelet-LHL	firstorder	Skewness	-0.262713831
wavelet-LHL	firstorder	Uniformity	0.091681994
wavelet-LHL	firstorder	Median	-3.414887742
wavelet-LHL	firstorder	Energy	185214391.9
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	62.14935196
wavelet-LHL	firstorder	MeanAbsoluteDeviation	127.0091958
wavelet-LHL	firstorder	TotalEnergy	5000788582
wavelet-LHL	firstorder	Maximum	799.0676849
wavelet-LHL	firstorder	RootMeanSquared	198.5550141
wavelet-LHL	firstorder	90Percentile	193.5548485
wavelet-LHL	firstorder	Minimum	-945.7575643
wavelet-LHL	firstorder	Entropy	4.49439159
wavelet-LHL	firstorder	Range	1744.825249
wavelet-LHL	firstorder	Variance	38869.73932
wavelet-LHL	firstorder	10Percentile	-259.1776787

wavelet-LHL	firstorder	Kurtosis	5.822197532
wavelet-LHL	firstorder	Mean	-23.54473012
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.001552843
wavelet-LHL	glrlm	GrayLevelVariance	73.27921392
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.001625577
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.063412558
wavelet-LHL	glrlm	RunVariance	0.388328313
wavelet-LHL	glrlm	GrayLevelNonUniformity	249.6022125
wavelet-LHL	glrlm	LongRunEmphasis	1.828704948
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1317.2284
wavelet-LHL	glrlm	RunLengthNonUniformity	3008.092109
wavelet-LHL	glrlm	ShortRunEmphasis	0.895608819
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2699.909892
wavelet-LHL	glrlm	RunPercentage	0.835281789
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.00219375
wavelet-LHL	glrlm	RunEntropy	5.398140943
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1471.543063
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.765542145
wavelet-LHL	glszm	GrayLevelVariance	127.6753569
wavelet-LHL	glszm	ZoneVariance	818.2429243
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026276171
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.549496446
wavelet-LHL	glszm	SizeZoneNonUniformity	1016.018929
wavelet-LHL	glszm	GrayLevelNonUniformity	48.58464035
wavelet-LHL	glszm	LargeAreaEmphasis	824.6987561
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1146.799358
wavelet-LHL	glszm	ZonePercentage	0.393571733
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.557357587
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1226008.501
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1482.186047
wavelet-LHL	glszm	SmallAreaEmphasis	0.76972716
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.00261501
wavelet-LHL	glszm	ZoneEntropy	6.740833786
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002416425
wavelet-LHL	ngtdm	Coarseness	0.001537991
wavelet-LHL	ngtdm	Complexity	8395.11866
wavelet-LHL	ngtdm	Strength	3.304353061
wavelet-LHL	ngtdm	Contrast	0.110466294
wavelet-LHL	ngtdm	Busyness	0.168455214
wavelet-LHH	gldm	GrayLevelVariance	20.55196105
wavelet-LHH	gldm	HighGrayLevelEmphasis	888.1666667
wavelet-LHH	gldm	DependenceEntropy	6.628244256
wavelet-LHH	gldm	DependenceNonUniformity	468.8761175
wavelet-LHH	gldm	GrayLevelNonUniformity	635.2916135
wavelet-LHH	gldm	SmallDependenceEmphasis	0.253467041
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	233.5072009
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.099803346
wavelet-LHH	gldm	LargeDependenceEmphasis	59.1890166
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.068994682
wavelet-LHH	gldm	DependenceVariance	23.56097547
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	51319.54896
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00069348
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.001575505

wavelet-LHH	glcm	JointAverage	29.476927
wavelet-LHH	glcm	SumAverage	58.95385399
wavelet-LHH	glcm	JointEntropy	6.75303416
wavelet-LHH	glcm	ClusterShade	1.546405292
wavelet-LHH	glcm	MaximumProbability	0.109257281
wavelet-LHH	glcm	Idmn	0.991041081
wavelet-LHH	glcm	JointEnergy	0.038895138
wavelet-LHH	glcm	Contrast	36.85753489
wavelet-LHH	glcm	DifferenceEntropy	3.308266807
wavelet-LHH	glcm	InverseVariance	0.336967416
wavelet-LHH	glcm	DifferenceVariance	24.61373252
wavelet-LHH	glcm	Idn	0.951023363
wavelet-LHH	glcm	Idm	0.400910777
wavelet-LHH	glcm	Correlation	-0.008565653
wavelet-LHH	glcm	Autocorrelation	868.7835211
wavelet-LHH	glcm	SumEntropy	4.108981225
wavelet-LHH	glcm	SumSquares	18.3227978
wavelet-LHH	glcm	ClusterProminence	16262.48481
wavelet-LHH	glcm	Imc2	0.730975967
wavelet-LHH	glcm	Imc1	-0.109347717
wavelet-LHH	glcm	DifferenceAverage	3.462111024
wavelet-LHH	glcm	Id	0.457893258
wavelet-LHH	glcm	ClusterTendency	36.43365632
wavelet-LHH	firstorder	InterquartileRange	54.23149705
wavelet-LHH	firstorder	Skewness	0.158143671
wavelet-LHH	firstorder	Uniformity	0.135225971
wavelet-LHH	firstorder	Median	-1.54079164
wavelet-LHH	firstorder	Energy	60289103.04
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	28.46704748
wavelet-LHH	firstorder	MeanAbsoluteDeviation	65.37979031
wavelet-LHH	firstorder	TotalEnergy	1627805782
wavelet-LHH	firstorder	Maximum	788.0309055
wavelet-LHH	firstorder	RootMeanSquared	113.282521
wavelet-LHH	firstorder	90Percentile	104.3453089
wavelet-LHH	firstorder	Minimum	-714.6204321
wavelet-LHH	firstorder	Entropy	3.712092944
wavelet-LHH	firstorder	Range	1502.651338
wavelet-LHH	firstorder	Variance	12832.0364
wavelet-LHH	firstorder	10Percentile	-104.0907407
wavelet-LHH	firstorder	Kurtosis	10.62610383
wavelet-LHH	firstorder	Mean	-0.945068257
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.001525258
wavelet-LHH	glrlm	GrayLevelVariance	24.95781539
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.001673688
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.103029378
wavelet-LHH	glrlm	RunVariance	0.442563803
wavelet-LHH	glrlm	GrayLevelNonUniformity	392.230321
wavelet-LHH	glrlm	LongRunEmphasis	1.97841765
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	782.0560316
wavelet-LHH	glrlm	RunLengthNonUniformity	2740.677295
wavelet-LHH	glrlm	ShortRunEmphasis	0.872657609
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1741.805357
wavelet-LHH	glrlm	RunPercentage	0.808887579



wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.002810501
wavelet-LHH	grlm	RunEntropy	4.713827735
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	892.8266031
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.720350766
wavelet-LHH	glszm	GrayLevelVariance	60.28572862
wavelet-LHH	glszm	ZoneVariance	1830.873286
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04303227
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.499383451
wavelet-LHH	glszm	SizeZoneNonUniformity	644.2046512
wavelet-LHH	glszm	GrayLevelNonUniformity	55.51162791
wavelet-LHH	glszm	LargeAreaEmphasis	1844.136434
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	681.738387
wavelet-LHH	glszm	ZonePercentage	0.27458493
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	2.134225563
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1596871.593
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	923.5976744
wavelet-LHH	glszm	SmallAreaEmphasis	0.73459226
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.002630118
wavelet-LHH	glszm	ZoneEntropy	6.323300884
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.002297244
wavelet-LHH	ngtdm	Coarseness	0.001784249
wavelet-LHH	ngtdm	Complexity	3876.996194
wavelet-LHH	ngtdm	Strength	2.668945031
wavelet-LHH	ngtdm	Contrast	0.0355112
wavelet-LHH	ngtdm	Busyness	0.204460633
wavelet-LLH	gldm	GrayLevelVariance	50.78562746
wavelet-LLH	gldm	HighGrayLevelEmphasis	2089.52533
wavelet-LLH	gldm	DependenceEntropy	7.048055888
wavelet-LLH	gldm	DependenceNonUniformity	590.1179225
wavelet-LLH	gldm	GrayLevelNonUniformity	475.4171988
wavelet-LLH	gldm	SmallDependenceEmphasis	0.319084311
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	691.6995247
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.125610456
wavelet-LLH	gldm	LargeDependenceEmphasis	54.2899106
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026582926
wavelet-LLH	gldm	DependenceVariance	24.76833688
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	112619.3035
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000437367
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.000784024
wavelet-LLH	glcm	JointAverage	45.01842841
wavelet-LLH	glcm	SumAverage	90.03685682
wavelet-LLH	glcm	JointEntropy	7.697753885
wavelet-LLH	glcm	ClusterShade	502.3832711
wavelet-LLH	glcm	MaximumProbability	0.097975505
wavelet-LLH	glcm	ldmn	0.99178896
wavelet-LLH	glcm	JointEnergy	0.029568245
wavelet-LLH	glcm	Contrast	74.13227131
wavelet-LLH	glcm	DifferenceEntropy	3.73067968
wavelet-LLH	glcm	InverseVariance	0.293864736
wavelet-LLH	glcm	DifferenceVariance	49.16798531
wavelet-LLH	glcm	ldn	0.953200873
wavelet-LLH	glcm	ldm	0.354538256
wavelet-LLH	glcm	Correlation	0.191727623

wavelet-LLH	glcm	Autocorrelation	2035.648886
wavelet-LLH	glcm	SumEntropy	4.819621153
wavelet-LLH	glcm	SumSquares	46.05263647
wavelet-LLH	glcm	ClusterProminence	114012.7705
wavelet-LLH	glcm	Imc2	0.835288229
wavelet-LLH	glcm	Imc1	-0.147958724
wavelet-LLH	glcm	DifferenceAverage	4.908265382
wavelet-LLH	glcm	Id	0.413694868
wavelet-LLH	glcm	ClusterTendency	110.0782746
wavelet-LLH	firstorder	InterquartileRange	88.4061709
wavelet-LLH	firstorder	Skewness	0.227079637
wavelet-LLH	firstorder	Uniformity	0.101195657
wavelet-LLH	firstorder	Median	-2.659327765
wavelet-LLH	firstorder	Energy	149146107.8
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	47.66112768
wavelet-LLH	firstorder	MeanAbsoluteDeviation	106.2305799
wavelet-LLH	firstorder	TotalEnergy	4026944911
wavelet-LLH	firstorder	Maximum	1126.144272
wavelet-LLH	firstorder	RootMeanSquared	178.176103
wavelet-LLH	firstorder	90Percentile	168.2697782
wavelet-LLH	firstorder	Minimum	-1117.470666
wavelet-LLH	firstorder	Entropy	4.306875898
wavelet-LLH	firstorder	Range	2243.614938
wavelet-LLH	firstorder	Variance	31668.49075
wavelet-LLH	firstorder	10Percentile	-193.7026408
wavelet-LLH	firstorder	Kurtosis	8.452075551
wavelet-LLH	firstorder	Mean	-8.844937851
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.000791166
wavelet-LLH	glrlm	GrayLevelVariance	60.13652367
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00084515
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.072476567
wavelet-LLH	glrlm	RunVariance	0.408571178
wavelet-LLH	glrlm	GrayLevelNonUniformity	283.307877
wavelet-LLH	glrlm	LongRunEmphasis	1.8707756
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1868.888558
wavelet-LLH	glrlm	RunLengthNonUniformity	2949.83144
wavelet-LLH	glrlm	ShortRunEmphasis	0.890601226
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3896.663472
wavelet-LLH	glrlm	RunPercentage	0.829485542
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001269807
wavelet-LLH	glrlm	RunEntropy	5.234836893
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2094.400764
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.755552868
wavelet-LLH	glszm	GrayLevelVariance	113.7336548
wavelet-LLH	glszm	ZoneVariance	979.317546
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029719856
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.529023462
wavelet-LLH	glszm	SizeZoneNonUniformity	883.9982047
wavelet-LLH	glszm	GrayLevelNonUniformity	49.66187911
wavelet-LLH	glszm	LargeAreaEmphasis	987.2220227
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1655.972693
wavelet-LLH	glszm	ZonePercentage	0.355683269
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.477671515

wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2045460.705
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2161.255536
wavelet-LLH	glszm	SmallAreaEmphasis	0.755567651
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.001289145
wavelet-LLH	glszm	ZoneEntropy	6.699733797
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.001153799
wavelet-LLH	ngtdm	Coarseness	0.001594732
wavelet-LLH	ngtdm	Complexity	9388.252178
wavelet-LLH	ngtdm	Strength	5.036290597
wavelet-LLH	ngtdm	Contrast	0.066618124
wavelet-LLH	ngtdm	Busyness	0.117156111
wavelet-LLL	gldm	GrayLevelVariance	1166.800227
wavelet-LLL	gldm	HighGrayLevelEmphasis	10371.07471
wavelet-LLL	gldm	DependenceEntropy	8.141861951
wavelet-LLL	gldm	DependenceNonUniformity	992.2383993
wavelet-LLL	gldm	GrayLevelNonUniformity	201.6879523
wavelet-LLL	gldm	SmallDependenceEmphasis	0.471047501
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3427.195317
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.211204427
wavelet-LLL	gldm	LargeDependenceEmphasis	46.96636867
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010359035
wavelet-LLL	gldm	DependenceVariance	25.49740739
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	654409.9053
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001056343
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001870302
wavelet-LLL	glcm	JointAverage	100.5556864
wavelet-LLL	glcm	SumAverage	201.1113727
wavelet-LLL	glcm	JointEntropy	9.49933811
wavelet-LLL	glcm	ClusterShade	-265553.357
wavelet-LLL	glcm	MaximumProbability	0.048118009
wavelet-LLL	glcm	Idmn	0.98271874
wavelet-LLL	glcm	JointEnergy	0.010051473
wavelet-LLL	glcm	Contrast	532.7955257
wavelet-LLL	glcm	DifferenceEntropy	4.85861631
wavelet-LLL	glcm	InverseVariance	0.227531401
wavelet-LLL	glcm	DifferenceVariance	340.2018761
wavelet-LLL	glcm	Idn	0.932897806
wavelet-LLL	glcm	Idm	0.28227949
wavelet-LLL	glcm	Correlation	0.712442936
wavelet-LLL	glcm	Autocorrelation	10784.69268
wavelet-LLL	glcm	SumEntropy	6.522147848
wavelet-LLL	glcm	SumSquares	938.7651778
wavelet-LLL	glcm	ClusterProminence	43143125.69
wavelet-LLL	glcm	Imc2	0.979895306
wavelet-LLL	glcm	Imc1	-0.293802213
wavelet-LLL	glcm	DifferenceAverage	13.66433046
wavelet-LLL	glcm	Id	0.33042532
wavelet-LLL	glcm	ClusterTendency	3222.265186
wavelet-LLL	firstorder	InterquartileRange	1095.93707
wavelet-LLL	firstorder	Skewness	-1.169976785
wavelet-LLL	firstorder	Uniformity	0.042930599
wavelet-LLL	firstorder	Median	-20.76101136
wavelet-LLL	firstorder	Energy	4792332302

wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	510.8336148
wavelet-LLL	firstorder	MeanAbsoluteDeviation	710.5301929
wavelet-LLL	firstorder	TotalEnergy	1.29393E+11
wavelet-LLL	firstorder	Maximum	1249.575096
wavelet-LLL	firstorder	RootMeanSquared	1009.989726
wavelet-LLL	firstorder	90Percentile	94.63780427
wavelet-LLL	firstorder	Minimum	-2908.899116
wavelet-LLL	firstorder	Entropy	5.864958921
wavelet-LLL	firstorder	Range	4158.474212
wavelet-LLL	firstorder	Variance	729449.5834
wavelet-LLL	firstorder	10Percentile	-2005.660737
wavelet-LLL	firstorder	Kurtosis	3.114330676
wavelet-LLL	firstorder	Mean	-539.1007916
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.002048472
wavelet-LLL	grlm	GrayLevelVariance	1250.449897
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.002100676
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.029066996
wavelet-LLL	grlm	RunVariance	0.321272309
wavelet-LLL	grlm	GrayLevelNonUniformity	117.6609727
wavelet-LLL	grlm	LongRunEmphasis	1.675329338
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	8622.761145
wavelet-LLL	grlm	RunLengthNonUniformity	3252.77215
wavelet-LLL	grlm	ShortRunEmphasis	0.914524172
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	19196.70558
wavelet-LLL	grlm	RunPercentage	0.860251498
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.002343848
wavelet-LLL	grlm	RunEntropy	6.67924528
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	9801.161457
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.804337579
wavelet-LLL	glszm	GrayLevelVariance	1301.403637
wavelet-LLL	glszm	ZoneVariance	295.6692026
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.008926501
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.737543475
wavelet-LLL	glszm	SizeZoneNonUniformity	1711.100862
wavelet-LLL	glszm	GrayLevelNonUniformity	20.70948276
wavelet-LLL	glszm	LargeAreaEmphasis	299.7698276
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	6073.601409
wavelet-LLL	glszm	ZonePercentage	0.49382716
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.028538141
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4212944.803
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	7278.626293
wavelet-LLL	glszm	SmallAreaEmphasis	0.880443728
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002547876
wavelet-LLL	glszm	ZoneEntropy	7.630026027
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001898047
wavelet-LLL	ngtdm	Coarseness	0.001577966
wavelet-LLL	ngtdm	Complexity	94916.65307
wavelet-LLL	ngtdm	Strength	27.13595842
wavelet-LLL	ngtdm	Contrast	0.834774966
wavelet-LLL	ngtdm	Busyness	0.027435269
wavelet-HHL	gldm	GrayLevelVariance	16.11629307
wavelet-HHL	gldm	HighGrayLevelEmphasis	358.1536824
wavelet-HHL	gldm	DependenceEntropy	6.624954201

wavelet-HHL	gldm	DependenceNonUniformity	463.9463602
wavelet-HHL	gldm	GrayLevelNonUniformity	626.6734781
wavelet-HHL	gldm	SmallDependenceEmphasis	0.242945846
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	94.81283593
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.098754015
wavelet-HHL	gldm	LargeDependenceEmphasis	60.44870158
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.181722485
wavelet-HHL	gldm	DependenceVariance	23.90001107
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	20525.50702
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001537611
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.003992755
wavelet-HHL	glcm	JointAverage	18.57069275
wavelet-HHL	glcm	SumAverage	37.1413855
wavelet-HHL	glcm	JointEntropy	6.726680114
wavelet-HHL	glcm	ClusterShade	48.26092175
wavelet-HHL	glcm	MaximumProbability	0.111358669
wavelet-HHL	glcm	Idmn	0.98556241
wavelet-HHL	glcm	JointEnergy	0.039101263
wavelet-HHL	glcm	Contrast	28.38582806
wavelet-HHL	glcm	DifferenceEntropy	3.23895315
wavelet-HHL	glcm	InverseVariance	0.339257461
wavelet-HHL	glcm	DifferenceVariance	17.75333565
wavelet-HHL	glcm	Idn	0.935527859
wavelet-HHL	glcm	Idm	0.404985216
wavelet-HHL	glcm	Correlation	0.011608492
wavelet-HHL	glcm	Autocorrelation	345.1306287
wavelet-HHL	glcm	SumEntropy	4.081533639
wavelet-HHL	glcm	SumSquares	14.45238211
wavelet-HHL	glcm	ClusterProminence	6576.149645
wavelet-HHL	glcm	Imc2	0.702966476
wavelet-HHL	glcm	Imc1	-0.098787543
wavelet-HHL	glcm	DifferenceAverage	3.228887633
wavelet-HHL	glcm	Id	0.461823697
wavelet-HHL	glcm	ClusterTendency	29.42370036
wavelet-HHL	firstorder	InterquartileRange	55.16639203
wavelet-HHL	firstorder	Skewness	0.276990745
wavelet-HHL	firstorder	Uniformity	0.133391545
wavelet-HHL	firstorder	Median	-2.085110239
wavelet-HHL	firstorder	Energy	47117025.58
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	29.3317874
wavelet-HHL	firstorder	MeanAbsoluteDeviation	62.54234978
wavelet-HHL	firstorder	TotalEnergy	1272159691
wavelet-HHL	firstorder	Maximum	589.0694817
wavelet-HHL	firstorder	RootMeanSquared	100.1457278
wavelet-HHL	firstorder	90Percentile	115.8058877
wavelet-HHL	firstorder	Minimum	-434.5557982
wavelet-HHL	firstorder	Entropy	3.676047139
wavelet-HHL	firstorder	Range	1023.62528
wavelet-HHL	firstorder	Variance	10029.15656
wavelet-HHL	firstorder	10Percentile	-105.2541726
wavelet-HHL	firstorder	Kurtosis	6.306445213
wavelet-HHL	firstorder	Mean	-0.101132795
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003832753

wavelet-HHL	glrlm	GrayLevelVariance	19.43026957
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.004222833
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.101177882
wavelet-HHL	glrlm	RunVariance	0.473754063
wavelet-HHL	glrlm	GrayLevelNonUniformity	383.9248541
wavelet-HHL	glrlm	LongRunEmphasis	2.022700121
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	319.2337719
wavelet-HHL	glrlm	RunLengthNonUniformity	2739.632817
wavelet-HHL	glrlm	ShortRunEmphasis	0.873371764
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	710.248904
wavelet-HHL	glrlm	RunPercentage	0.805940335
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.007316043
wavelet-HHL	glrlm	RunEntropy	4.674851502
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	362.4372951
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.722336526
wavelet-HHL	glszm	GrayLevelVariance	42.36460935
wavelet-HHL	glszm	ZoneVariance	1837.281496
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.045590386
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.471786919
wavelet-HHL	glszm	SizeZoneNonUniformity	590.2054357
wavelet-HHL	glszm	GrayLevelNonUniformity	57.03357314
wavelet-HHL	glszm	LargeAreaEmphasis	1851.384492
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	283.9260247
wavelet-HHL	glszm	ZonePercentage	0.266283525
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	5.51645672
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	624535.96
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	394.1894484
wavelet-HHL	glszm	SmallAreaEmphasis	0.714178736
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.006182124
wavelet-HHL	glszm	ZoneEntropy	6.20458113
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005069516
wavelet-HHL	ngtdm	Coarseness	0.001756496
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wavelet-HHL	ngtdm	Contrast	0.05326666
wavelet-HHL	ngtdm	Busyness	0.514485141
wavelet-HLH	gldm	GrayLevelVariance	10.20133618
wavelet-HLH	gldm	HighGrayLevelEmphasis	353.3260962
wavelet-HLH	gldm	DependenceEntropy	6.429576149
wavelet-HLH	gldm	DependenceNonUniformity	410.7650064
wavelet-HLH	gldm	GrayLevelNonUniformity	745.4618987
wavelet-HLH	gldm	SmallDependenceEmphasis	0.206335365
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	78.41210939
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.087434016
wavelet-HLH	gldm	LargeDependenceEmphasis	65.08173691
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.193610862
wavelet-HLH	gldm	DependenceVariance	23.77553377
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	22176.05321
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001206729
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.003671583
wavelet-HLH	glcm	JointAverage	18.51885379
wavelet-HLH	glcm	SumAverage	37.03770758
wavelet-HLH	glcm	JointEntropy	6.247773616

wavelet-HLH	glcm	ClusterShade	-3.522462419
wavelet-HLH	glcm	MaximumProbability	0.119041801
wavelet-HLH	glcm	Idmn	0.989220895
wavelet-HLH	glcm	JointEnergy	0.04582696
wavelet-HLH	glcm	Contrast	18.96054348
wavelet-HLH	glcm	DifferenceEntropy	3.000845735
wavelet-HLH	glcm	InverseVariance	0.361100092
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wavelet-HLH	glcm	Idn	0.943694396
wavelet-HLH	glcm	Idm	0.433470523
wavelet-HLH	glcm	Correlation	0.009333968
wavelet-HLH	glcm	Autocorrelation	343.0413852
wavelet-HLH	glcm	SumEntropy	3.807538463
wavelet-HLH	glcm	SumSquares	9.573558085
wavelet-HLH	glcm	ClusterProminence	3386.265233
wavelet-HLH	glcm	Imc2	0.646531968
wavelet-HLH	glcm	Imc1	-0.084622982
wavelet-HLH	glcm	DifferenceAverage	2.625549491
wavelet-HLH	glcm	Id	0.488863656
wavelet-HLH	glcm	ClusterTendency	19.33368886
wavelet-HLH	firstorder	InterquartileRange	45.72101111
wavelet-HLH	firstorder	Skewness	0.016025263
wavelet-HLH	firstorder	Uniformity	0.158676437
wavelet-HLH	firstorder	Median	-0.645670971
wavelet-HLH	firstorder	Energy	29634797.22
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	22.77613863
wavelet-HLH	firstorder	MeanAbsoluteDeviation	48.33076993
wavelet-HLH	firstorder	TotalEnergy	800139524.9
wavelet-HLH	firstorder	Maximum	539.7477807
wavelet-HLH	firstorder	RootMeanSquared	79.42266831
wavelet-HLH	firstorder	90Percentile	81.54714719
wavelet-HLH	firstorder	Minimum	-425.5692443
wavelet-HLH	firstorder	Entropy	3.352113047
wavelet-HLH	firstorder	Range	965.317025
wavelet-HLH	firstorder	Variance	6307.450783
wavelet-HLH	firstorder	10Percentile	-75.84332568
wavelet-HLH	firstorder	Kurtosis	8.406499153
wavelet-HLH	firstorder	Mean	0.71376394
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.003431949
wavelet-HLH	grlm	GrayLevelVariance	12.52067193
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.003853044
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.124197934
wavelet-HLH	grlm	RunVariance	0.488315398
wavelet-HLH	grlm	GrayLevelNonUniformity	462.4216979
wavelet-HLH	grlm	LongRunEmphasis	2.094102368
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	308.2297499
wavelet-HLH	grlm	RunLengthNonUniformity	2594.750231
wavelet-HLH	grlm	ShortRunEmphasis	0.859714701
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	729.9950492
wavelet-HLH	grlm	RunPercentage	0.791269607
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.007114687
wavelet-HLH	grlm	RunEntropy	4.4067826
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	356.3184632

wavelet-HLH	g1rlm	RunLengthNonUniformityNormalized	0.696858597
wavelet-HLH	glszm	GrayLevelVariance	33.19795256
wavelet-HLH	glszm	ZoneVariance	2671.858546
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.05419323
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.459128526
wavelet-HLH	glszm	SizeZoneNonUniformity	474.2797677
wavelet-HLH	glszm	GrayLevelNonUniformity	55.98160697
wavelet-HLH	glszm	LargeAreaEmphasis	2692.54211
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	273.9253406
wavelet-HLH	glszm	ZonePercentage	0.2198808
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	7.931078385
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	917650.4511
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	379.8857696
wavelet-HLH	glszm	SmallAreaEmphasis	0.704653975
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.005811155
wavelet-HLH	glszm	ZoneEntropy	6.091913959
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004703386
wavelet-HLH	ngtdm	Coarseness	0.001682305
wavelet-HLH	ngtdm	Complexity	1196.763664
wavelet-HLH	ngtdm	Strength	1.006732173
wavelet-HLH	ngtdm	Contrast	0.031049065
wavelet-HLH	ngtdm	Busyness	0.550298428



Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	324
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original	shape	Volume	8748
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original	gldm	HighGrayLevelEmphasis	1374.682099
original	gldm	DependenceEntropy	6.571536752
original	gldm	DependenceNonUniformity	78.16049383
original	gldm	GrayLevelNonUniformity	19.5
original	gldm	SmallDependenceEmphasis	0.491118921
original	gldm	SmallDependenceHighGrayLevelEmphasis	614.2032283
original	gldm	DependenceNonUniformityNormalized	0.241236092
original	gldm	LargeDependenceEmphasis	14.17283951
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.12000018
original	gldm	DependenceVariance	6.180003048
original	gldm	LargeDependenceHighGrayLevelEmphasis	22785.04012
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original	glcm	JointAverage	33.33994621
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original	glcm	JointEntropy	7.840748315
original	glcm	ClusterShade	-9985.984881
original	glcm	MaximumProbability	0.038422111
original	glcm	Idmn	0.957004605
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original	glcm	Contrast	216.5173942

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original	glcm	InverseVariance	0.164631354
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original	glcm	Correlation	0.459742892
original	glcm	Autocorrelation	1202.957306
original	glcm	SumEntropy	5.819254562
original	glcm	SumSquares	199.5129292
original	glcm	ClusterProminence	1002485.827
original	glcm	Imc2	0.992419695
original	glcm	Imc1	-0.422098314
original	glcm	DifferenceAverage	10.24515702
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original	glcm	ClusterTendency	581.5343225
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original	firstorder	Skewness	-0.785171749
original	firstorder	Uniformity	0.060185185
original	firstorder	Median	-29.5
original	firstorder	Energy	44820380
original	firstorder	RobustMeanAbsoluteDeviation	160.5565771
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original	firstorder	Minimum	-997
original	firstorder	Entropy	4.905493456
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original	firstorder	Kurtosis	3.342626942
original	firstorder	Mean	-150.9320988
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original	glrlm	GrayLevelVariance	191.4805453
original	glrlm	LowGrayLevelRunEmphasis	0.0152347
original	glrlm	GrayLevelNonUniformityNormalized	0.052861643
original	glrlm	RunVariance	0.094147852
original	glrlm	GrayLevelNonUniformity	15.93753457
original	glrlm	LongRunEmphasis	1.252948416
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original	glrlm	RunLengthNonUniformity	264.3147826
original	glrlm	ShortRunEmphasis	0.949372916
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original	glrlm	HighGrayLevelRunEmphasis	1359.574683
original	glrlm	RunLengthNonUniformityNormalized	0.876688388
original	glszm	GrayLevelVariance	235.606405
original	glszm	ZoneVariance	16.08832645
original	glszm	GrayLevelNonUniformityNormalized	0.026407541
original	glszm	SizeZoneNonUniformityNormalized	0.613636364
original	glszm	SizeZoneNonUniformity	108
original	glszm	GrayLevelNonUniformity	4.647727273
original	glszm	LargeAreaEmphasis	19.47727273
original	glszm	SmallAreaHighGrayLevelEmphasis	994.0160764
original	glszm	ZonePercentage	0.543209877

original	glszm	LargeAreaLowGrayLevelEmphasis	0.069197659
original	glszm	LargeAreaHighGrayLevelEmphasis	32182.46023
original	glszm	HighGrayLevelZoneEmphasis	1250.897727
original	glszm	SmallAreaEmphasis	0.808781692
original	glszm	LowGrayLevelZoneEmphasis	0.019827242
original	glszm	ZoneEntropy	6.202059568
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017480023
original	ngtdm	Coarseness	0.013135283
original	ngtdm	Complexity	9976.523907
original	ngtdm	Strength	31.08516302
original	ngtdm	Contrast	0.688721625
original	ngtdm	Busyness	0.02745322
wavelet-HHH	gldm	GrayLevelVariance	13.73551097
wavelet-HHH	gldm	HighGrayLevelEmphasis	252.5524691
wavelet-HHH	gldm	DependenceEntropy	5.835897879
wavelet-HHH	gldm	DependenceNonUniformity	53.89506173
wavelet-HHH	gldm	GrayLevelNonUniformity	32.51851852
wavelet-HHH	gldm	SmallDependenceEmphasis	0.328504428
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	90.18280522
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.166342783
wavelet-HHH	gldm	LargeDependenceEmphasis	14.54320988
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.070083148
wavelet-HHH	gldm	DependenceVariance	4.200236244
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3452.570988
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006396864
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.009554682
wavelet-HHH	glcm	JointAverage	15.47522988
wavelet-HHH	glcm	SumAverage	30.95045976
wavelet-HHH	glcm	JointEntropy	6.807032842
wavelet-HHH	glcm	ClusterShade	5.30251015
wavelet-HHH	glcm	MaximumProbability	0.042245024
wavelet-HHH	glcm	ldmn	0.973240595
wavelet-HHH	glcm	JointEnergy	0.013459943
wavelet-HHH	glcm	Contrast	30.23678717
wavelet-HHH	glcm	DifferenceEntropy	3.404035901
wavelet-HHH	glcm	InverseVariance	0.268357615
wavelet-HHH	glcm	DifferenceVariance	15.59718957
wavelet-HHH	glcm	ldn	0.900213138
wavelet-HHH	glcm	ldm	0.275209798
wavelet-HHH	glcm	Correlation	-0.039913811
wavelet-HHH	glcm	Autocorrelation	238.9125621
wavelet-HHH	glcm	SumEntropy	4.158128869
wavelet-HHH	glcm	SumSquares	14.54696518
wavelet-HHH	glcm	ClusterProminence	5281.282758
wavelet-HHH	glcm	lmc2	0.857805264
wavelet-HHH	glcm	lmc1	-0.17905042
wavelet-HHH	glcm	DifferenceAverage	3.809433774
wavelet-HHH	glcm	ld	0.358820526
wavelet-HHH	glcm	ClusterTendency	27.95107355
wavelet-HHH	firstorder	InterquartileRange	86.14125064
wavelet-HHH	firstorder	Skewness	-0.00136046
wavelet-HHH	firstorder	Uniformity	0.100365798
wavelet-HHH	firstorder	Median	-0.522185681
wavelet-HHH	firstorder	Energy	2754685.594
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	36.73151567
wavelet-HHH	firstorder	MeanAbsoluteDeviation	63.70960409
wavelet-HHH	firstorder	TotalEnergy	74376511.03
wavelet-HHH	firstorder	Maximum	378.6259717

wavelet-HHH	firstorder	RootMeanSquared	92.20691964
wavelet-HHH	firstorder	90Percentile	98.42069556
wavelet-HHH	firstorder	Minimum	-350.1401229
wavelet-HHH	firstorder	Entropy	3.719795512
wavelet-HHH	firstorder	Range	728.7660946
wavelet-HHH	firstorder	Variance	8499.826943
wavelet-HHH	firstorder	10Percentile	-97.80464423
wavelet-HHH	firstorder	Kurtosis	6.175840976
wavelet-HHH	firstorder	Mean	-1.512972717
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.009739487
wavelet-HHH	glrlm	GrayLevelVariance	14.64867737
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.010024951
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.094805603
wavelet-HHH	glrlm	RunVariance	0.111014461
wavelet-HHH	glrlm	GrayLevelNonUniformity	28.10379877
wavelet-HHH	glrlm	LongRunEmphasis	1.307560426
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	238.8581407
wavelet-HHH	glrlm	RunLengthNonUniformity	251.8991323
wavelet-HHH	glrlm	ShortRunEmphasis	0.937238049
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	327.1271835
wavelet-HHH	glrlm	RunPercentage	0.914767331
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.011416178
wavelet-HHH	glrlm	RunEntropy	4.154954048
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	253.8560648
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.84925605
wavelet-HHH	glszm	GrayLevelVariance	28.69760702
wavelet-HHH	glszm	ZoneVariance	45.56064209
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.067776457
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.480529132
wavelet-HHH	glszm	SizeZoneNonUniformity	55.74137931
wavelet-HHH	glszm	GrayLevelNonUniformity	7.862068966
wavelet-HHH	glszm	LargeAreaEmphasis	53.36206897
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	202.3575516
wavelet-HHH	glszm	ZonePercentage	0.358024691
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.240256051
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	12956.4569
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	269.75
wavelet-HHH	glszm	SmallAreaEmphasis	0.719414587
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.018478465
wavelet-HHH	glszm	ZoneEntropy	5.231415832
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016924446
wavelet-HHH	ngtdm	Coarseness	0.021723862
wavelet-HHH	ngtdm	Complexity	741.5150415
wavelet-HHH	ngtdm	Strength	4.759810169
wavelet-HHH	ngtdm	Contrast	0.124902827
wavelet-HHH	ngtdm	Busyness	0.095851384
wavelet-HLL	gldm	GrayLevelVariance	79.01039285
wavelet-HLL	gldm	HighGrayLevelEmphasis	777.5030864
wavelet-HLL	gldm	DependenceEntropy	6.377525056
wavelet-HLL	gldm	DependenceNonUniformity	89.75925926
wavelet-HLL	gldm	GrayLevelNonUniformity	15.58024691
wavelet-HLL	gldm	SmallDependenceEmphasis	0.480875362
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	408.2472706
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.277034751
wavelet-HLL	gldm	LargeDependenceEmphasis	7.382716049
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015513515
wavelet-HLL	gldm	DependenceVariance	2.361796982
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5338.645062

wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004264971
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005230232
wavelet-HLL	glcm	JointAverage	26.40928501
wavelet-HLL	glcm	SumAverage	52.81857002
wavelet-HLL	glcm	JointEntropy	8.068780113
wavelet-HLL	glcm	ClusterShade	2156.797946
wavelet-HLL	glcm	MaximumProbability	0.018094679
wavelet-HLL	glcm	ldmn	0.968982999
wavelet-HLL	glcm	JointEnergy	0.004766493
wavelet-HLL	glcm	Contrast	130.1044977
wavelet-HLL	glcm	DifferenceEntropy	4.338080688
wavelet-HLL	glcm	InverseVariance	0.156610616
wavelet-HLL	glcm	DifferenceVariance	62.7011503
wavelet-HLL	glcm	ldn	0.892776374
wavelet-HLL	glcm	ldm	0.161316922
wavelet-HLL	glcm	Correlation	0.247328622
wavelet-HLL	glcm	Autocorrelation	719.0239182
wavelet-HLL	glcm	SumEntropy	5.500804487
wavelet-HLL	glcm	SumSquares	86.58695049
wavelet-HLL	glcm	ClusterProminence	190612.2082
wavelet-HLL	glcm	lmc2	0.986068203
wavelet-HLL	glcm	lmc1	-0.364740277
wavelet-HLL	glcm	DifferenceAverage	8.02571597
wavelet-HLL	glcm	ld	0.244066222
wavelet-HLL	glcm	ClusterTendency	216.2433043
wavelet-HLL	firstorder	InterquartileRange	161.1079033
wavelet-HLL	firstorder	Skewness	0.744801744
wavelet-HLL	firstorder	Uniformity	0.048087182
wavelet-HLL	firstorder	Median	-17.19240913
wavelet-HLL	firstorder	Energy	16073262.12
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	85.90893009
wavelet-HLL	firstorder	MeanAbsoluteDeviation	154.9334188
wavelet-HLL	firstorder	TotalEnergy	433978077.4
wavelet-HLL	firstorder	Maximum	848.0056457
wavelet-HLL	firstorder	RootMeanSquared	222.7304059
wavelet-HLL	firstorder	90Percentile	305.7362734
wavelet-HLL	firstorder	Minimum	-642.7045959
wavelet-HLL	firstorder	Entropy	4.861144999
wavelet-HLL	firstorder	Range	1490.710242
wavelet-HLL	firstorder	Variance	49607.2008
wavelet-HLL	firstorder	10Percentile	-269.350898
wavelet-HLL	firstorder	Kurtosis	4.559237868
wavelet-HLL	firstorder	Mean	-1.277857135
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005348825
wavelet-HLL	glrlm	GrayLevelVariance	81.35568481
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005407818
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046389779
wavelet-HLL	glrlm	RunVariance	0.058137701
wavelet-HLL	glrlm	GrayLevelNonUniformity	14.31568037
wavelet-HLL	glrlm	LongRunEmphasis	1.161567058
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	755.3666616
wavelet-HLL	glrlm	RunLengthNonUniformity	281.8127462
wavelet-HLL	glrlm	ShortRunEmphasis	0.965215358
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	895.7371124
wavelet-HLL	glrlm	RunPercentage	0.952279202
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.00568341
wavelet-HLL	glrlm	RunEntropy	5.099540382
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	780.5208019

wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.913047147
wavelet-HLL	glszm	GrayLevelVariance	112.5507196
wavelet-HLL	glszm	ZoneVariance	4.102512309
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032382275
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.50284055
wavelet-HLL	glszm	SizeZoneNonUniformity	89.50561798
wavelet-HLL	glszm	GrayLevelNonUniformity	5.764044944
wavelet-HLL	glszm	LargeAreaEmphasis	7.415730337
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	647.8603079
wavelet-HLL	glszm	ZonePercentage	0.549382716
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018471797
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	5313.162921
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	834.5898876
wavelet-HLL	glszm	SmallAreaEmphasis	0.736889111
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.008042207
wavelet-HLL	glszm	ZoneEntropy	6.09407178
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007490809
wavelet-HLL	ngtdm	Coarseness	0.021308646
wavelet-HLL	ngtdm	Complexity	4838.824843
wavelet-HLL	ngtdm	Strength	19.26990107
wavelet-HLL	ngtdm	Contrast	0.336707329
wavelet-HLL	ngtdm	Busyness	0.033276496
wavelet-LHL	gldm	GrayLevelVariance	147.0895062
wavelet-LHL	gldm	HighGrayLevelEmphasis	1104.648148
wavelet-LHL	gldm	DependenceEntropy	6.486321812
wavelet-LHL	gldm	DependenceNonUniformity	120.9567901
wavelet-LHL	gldm	GrayLevelNonUniformity	10.64814815
wavelet-LHL	gldm	SmallDependenceEmphasis	0.601868544
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	663.9647123
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.373323426
wavelet-LHL	gldm	LargeDependenceEmphasis	4.12962963
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010284012
wavelet-LHL	gldm	DependenceVariance	1.012879134
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4367.950617
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005697165
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.006265768
wavelet-LHL	glcm	JointAverage	31.58978057
wavelet-LHL	glcm	SumAverage	63.17956115
wavelet-LHL	glcm	JointEntropy	8.391103896
wavelet-LHL	glcm	ClusterShade	4170.379006
wavelet-LHL	glcm	MaximumProbability	0.014462857
wavelet-LHL	glcm	ldmn	0.962479129
wavelet-LHL	glcm	JointEnergy	0.003531167
wavelet-LHL	glcm	Contrast	247.7411574
wavelet-LHL	glcm	DifferenceEntropy	4.701835734
wavelet-LHL	glcm	InverseVariance	0.122668361
wavelet-LHL	glcm	DifferenceVariance	116.2428959
wavelet-LHL	glcm	ldn	0.882668349
wavelet-LHL	glcm	ldm	0.115673706
wavelet-LHL	glcm	Correlation	0.208660228
wavelet-LHL	glcm	Autocorrelation	1030.035021
wavelet-LHL	glcm	SumEntropy	5.840513283
wavelet-LHL	glcm	SumSquares	155.9484372
wavelet-LHL	glcm	ClusterProminence	566913.726
wavelet-LHL	glcm	lmc2	0.995533146
wavelet-LHL	glcm	lmc1	-0.440037866
wavelet-LHL	glcm	DifferenceAverage	11.06307531
wavelet-LHL	glcm	ld	0.19440322

wavelet-LHL	glcm	ClusterTendency	376.0525913
wavelet-LHL	firstorder	InterquartileRange	340.4662443
wavelet-LHL	firstorder	Skewness	0.459552285
wavelet-LHL	firstorder	Uniformity	0.032864655
wavelet-LHL	firstorder	Median	-11.1571158
wavelet-LHL	firstorder	Energy	29706452.47
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	135.9114588
wavelet-LHL	firstorder	MeanAbsoluteDeviation	223.5349634
wavelet-LHL	firstorder	TotalEnergy	802074216.8
wavelet-LHL	firstorder	Maximum	1077.838499
wavelet-LHL	firstorder	RootMeanSquared	302.7979222
wavelet-LHL	firstorder	90Percentile	414.0552
wavelet-LHL	firstorder	Minimum	-729.8141771
wavelet-LHL	firstorder	Entropy	5.357578874
wavelet-LHL	firstorder	Range	1807.652676
wavelet-LHL	firstorder	Variance	91557.98441
wavelet-LHL	firstorder	10Percentile	-363.3690972
wavelet-LHL	firstorder	Kurtosis	3.590777011
wavelet-LHL	firstorder	Mean	11.34007505
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006387004
wavelet-LHL	glrlm	GrayLevelVariance	149.0873299
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.006416269
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.031863222
wavelet-LHL	glrlm	RunVariance	0.032395496
wavelet-LHL	glrlm	GrayLevelNonUniformity	10.02131783
wavelet-LHL	glrlm	LongRunEmphasis	1.09467719
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1081.794249
wavelet-LHL	glrlm	RunLengthNonUniformity	296.8932041
wavelet-LHL	glrlm	ShortRunEmphasis	0.978002652
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1206.323198
wavelet-LHL	glrlm	RunPercentage	0.970560304
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.006543881
wavelet-LHL	glrlm	RunEntropy	5.50043977
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1105.63691
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.943785383
wavelet-LHL	glszm	GrayLevelVariance	170.8945763
wavelet-LHL	glszm	ZoneVariance	2.176450114
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.025572777
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.582645728
wavelet-LHL	glszm	SizeZoneNonUniformity	128.7647059
wavelet-LHL	glszm	GrayLevelNonUniformity	5.65158371
wavelet-LHL	glszm	LargeAreaEmphasis	4.325791855
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	869.858503
wavelet-LHL	glszm	ZonePercentage	0.682098765
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.012644973
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4463.99095
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1106.257919
wavelet-LHL	glszm	SmallAreaEmphasis	0.791677979
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008540271
wavelet-LHL	glszm	ZoneEntropy	6.275579669
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008219602
wavelet-LHL	ngtdm	Coarseness	0.020926513
wavelet-LHL	ngtdm	Complexity	10680.22738
wavelet-LHL	ngtdm	Strength	24.25374759
wavelet-LHL	ngtdm	Contrast	0.628819058
wavelet-LHL	ngtdm	Busyness	0.026658915
wavelet-LHH	gldm	GrayLevelVariance	49.31575789
wavelet-LHH	gldm	HighGrayLevelEmphasis	762.8981481

wavelet-LHH	gldm	DependenceEntropy	6.023253573
wavelet-LHH	gldm	DependenceNonUniformity	89.24074074
wavelet-LHH	gldm	GrayLevelNonUniformity	19.53703704
wavelet-LHH	gldm	SmallDependenceEmphasis	0.505013612
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	436.2983427
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.275434385
wavelet-LHH	gldm	LargeDependenceEmphasis	6.783950617
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.014201047
wavelet-LHH	gldm	DependenceVariance	1.927640604
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4688.533951
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004121975
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.004969357
wavelet-LHH	glcm	JointAverage	26.56983718
wavelet-LHH	glcm	SumAverage	53.13967437
wavelet-LHH	glcm	JointEntropy	7.767275547
wavelet-LHH	glcm	ClusterShade	549.1111856
wavelet-LHH	glcm	MaximumProbability	0.022034008
wavelet-LHH	glcm	Idmn	0.97600002
wavelet-LHH	glcm	JointEnergy	0.006133203
wavelet-LHH	glcm	Contrast	100.3134302
wavelet-LHH	glcm	DifferenceEntropy	4.161306553
wavelet-LHH	glcm	InverseVariance	0.178901723
wavelet-LHH	glcm	DifferenceVariance	51.00071929
wavelet-LHH	glcm	Idn	0.904742261
wavelet-LHH	glcm	Idm	0.172170086
wavelet-LHH	glcm	Correlation	-0.016087865
wavelet-LHH	glcm	Autocorrelation	705.3336575
wavelet-LHH	glcm	SumEntropy	4.975825146
wavelet-LHH	glcm	SumSquares	49.52564368
wavelet-LHH	glcm	ClusterProminence	68646.92958
wavelet-LHH	glcm	Imc2	0.961511625
wavelet-LHH	glcm	Imc1	-0.286675079
wavelet-LHH	glcm	DifferenceAverage	6.960169575
wavelet-LHH	glcm	Id	0.257138451
wavelet-LHH	glcm	ClusterTendency	97.7891445
wavelet-LHH	firstorder	InterquartileRange	145.620803
wavelet-LHH	firstorder	Skewness	0.584272375
wavelet-LHH	firstorder	Uniformity	0.060299497
wavelet-LHH	firstorder	Median	-3.597443214
wavelet-LHH	firstorder	Energy	10034645.62
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	65.1871417
wavelet-LHH	firstorder	MeanAbsoluteDeviation	118.3223722
wavelet-LHH	firstorder	TotalEnergy	270935431.8
wavelet-LHH	firstorder	Maximum	846.6142801
wavelet-LHH	firstorder	RootMeanSquared	175.9861599
wavelet-LHH	firstorder	90Percentile	214.9643312
wavelet-LHH	firstorder	Minimum	-649.7104158
wavelet-LHH	firstorder	Entropy	4.515407915
wavelet-LHH	firstorder	Range	1496.324696
wavelet-LHH	firstorder	Variance	30949.39894
wavelet-LHH	firstorder	10Percentile	-179.4827218
wavelet-LHH	firstorder	Kurtosis	6.629526224
wavelet-LHH	firstorder	Mean	4.661493739
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.005073527
wavelet-LHH	glrlm	GrayLevelVariance	51.10489159
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.005131295
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.058019333
wavelet-LHH	glrlm	RunVariance	0.051190899



wavelet-LHH	glrlm	GrayLevelNonUniformity	17.9287822
wavelet-LHH	glrlm	LongRunEmphasis	1.150988502
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	743.794567
wavelet-LHH	glrlm	RunLengthNonUniformity	281.7045791
wavelet-LHH	glrlm	ShortRunEmphasis	0.964910579
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	868.6775737
wavelet-LHH	glrlm	RunPercentage	0.953703704
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.005378539
wavelet-LHH	glrlm	RunEntropy	4.769389348
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	767.3522819
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.911490991
wavelet-LHH	glszm	GrayLevelVariance	76.23454717
wavelet-LHH	glszm	ZoneVariance	5.56918287
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.041665395
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.569610207
wavelet-LHH	glszm	SizeZoneNonUniformity	103.0994475
wavelet-LHH	glszm	GrayLevelNonUniformity	7.541436464
wavelet-LHH	glszm	LargeAreaEmphasis	8.773480663
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	700.2720702
wavelet-LHH	glszm	ZonePercentage	0.558641975
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.019605059
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	6139.033149
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	839.3370166
wavelet-LHH	glszm	SmallAreaEmphasis	0.781141254
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007572301
wavelet-LHH	glszm	ZoneEntropy	5.744812036
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007164751
wavelet-LHH	ngtdm	Coarseness	0.021492714
wavelet-LHH	ngtdm	Complexity	3530.141805
wavelet-LHH	ngtdm	Strength	12.66272183
wavelet-LHH	ngtdm	Contrast	0.296622563
wavelet-LHH	ngtdm	Busyness	0.036385323
wavelet-LLH	gldm	GrayLevelVariance	333.2895424
wavelet-LLH	gldm	HighGrayLevelEmphasis	5716.953704
wavelet-LLH	gldm	DependenceEntropy	6.623358891
wavelet-LLH	gldm	DependenceNonUniformity	123.5308642
wavelet-LLH	gldm	GrayLevelNonUniformity	9.734567901
wavelet-LLH	gldm	SmallDependenceEmphasis	0.626234568
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	3601.177906
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.381268099
wavelet-LLH	gldm	LargeDependenceEmphasis	4.166666667
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.003963189
wavelet-LLH	gldm	DependenceVariance	1.071673525
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	23162.15741
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003271409
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003345376
wavelet-LLH	glcm	JointAverage	72.38303502
wavelet-LLH	glcm	SumAverage	144.76607
wavelet-LLH	glcm	JointEntropy	8.44420892
wavelet-LLH	glcm	ClusterShade	-10548.3719
wavelet-LLH	glcm	MaximumProbability	0.013762481
wavelet-LLH	glcm	Idmn	0.970435438
wavelet-LLH	glcm	JointEnergy	0.003334911
wavelet-LLH	glcm	Contrast	601.9091097
wavelet-LLH	glcm	DifferenceEntropy	5.077834851
wavelet-LLH	glcm	InverseVariance	0.112144041
wavelet-LLH	glcm	DifferenceVariance	332.8314911
wavelet-LLH	glcm	Idn	0.903094076

wavelet-LLH	glcm	Idm	0.109188712
wavelet-LLH	glcm	Correlation	0.047687801
wavelet-LLH	glcm	Autocorrelation	5258.613155
wavelet-LLH	glcm	SumEntropy	6.009221955
wavelet-LLH	glcm	SumSquares	320.2149047
wavelet-LLH	glcm	ClusterProminence	2636262.745
wavelet-LLH	glcm	Imc2	0.998198287
wavelet-LLH	glcm	Imc1	-0.500550445
wavelet-LLH	glcm	DifferenceAverage	15.89507388
wavelet-LLH	glcm	Id	0.180733021
wavelet-LLH	glcm	ClusterTendency	678.9505091
wavelet-LLH	firstorder	InterquartileRange	315.9310026
wavelet-LLH	firstorder	Skewness	-0.275890425
wavelet-LLH	firstorder	Uniformity	0.030044963
wavelet-LLH	firstorder	Median	-21.49115454
wavelet-LLH	firstorder	Energy	67832322.23
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	146.0235665
wavelet-LLH	firstorder	MeanAbsoluteDeviation	298.360666
wavelet-LLH	firstorder	TotalEnergy	1831472700
wavelet-LLH	firstorder	Maximum	1391.542257
wavelet-LLH	firstorder	RootMeanSquared	457.5576676
wavelet-LLH	firstorder	90Percentile	463.3241355
wavelet-LLH	firstorder	Minimum	-1849.901037
wavelet-LLH	firstorder	Entropy	5.627369088
wavelet-LLH	firstorder	Range	3241.443293
wavelet-LLH	firstorder	Variance	208568.3529
wavelet-LLH	firstorder	10Percentile	-488.5356326
wavelet-LLH	firstorder	Kurtosis	5.142331477
wavelet-LLH	firstorder	Mean	-28.11879006
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003436292
wavelet-LLH	glrlm	GrayLevelVariance	340.6873874
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003440693
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.02901003
wavelet-LLH	glrlm	RunVariance	0.03015642
wavelet-LLH	glrlm	GrayLevelNonUniformity	9.126126249
wavelet-LLH	glrlm	LongRunEmphasis	1.091805647
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	5596.846064
wavelet-LLH	glrlm	RunLengthNonUniformity	296.5692305
wavelet-LLH	glrlm	ShortRunEmphasis	0.977603612
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	6232.214867
wavelet-LLH	glrlm	RunPercentage	0.970797721
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003458712
wavelet-LLH	glrlm	RunEntropy	5.778724853
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	5721.553646
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.94253806
wavelet-LLH	glszm	GrayLevelVariance	429.1626851
wavelet-LLH	glszm	ZoneVariance	1.0729104
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.021211357
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.620369113
wavelet-LLH	glszm	SizeZoneNonUniformity	140.8237885
wavelet-LLH	glszm	GrayLevelNonUniformity	4.814977974
wavelet-LLH	glszm	LargeAreaEmphasis	3.110132159
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	4689.826175
wavelet-LLH	glszm	ZonePercentage	0.700617284
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.005103539
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	17457.28194
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	5760.735683
wavelet-LLH	glszm	SmallAreaEmphasis	0.814643226

wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00468998
wavelet-LLH	glszm	ZoneEntropy	6.573100142
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004653258
wavelet-LLH	ngtdm	Coarseness	0.018773243
wavelet-LLH	ngtdm	Complexity	35297.78658
wavelet-LLH	ngtdm	Strength	53.9605448
wavelet-LLH	ngtdm	Contrast	1.162208733
wavelet-LLH	ngtdm	Busyness	0.00794937
wavelet-LLL	gldm	GrayLevelVariance	917.8688462
wavelet-LLL	gldm	HighGrayLevelEmphasis	11410.2037
wavelet-LLL	gldm	DependenceEntropy	6.861076238
wavelet-LLL	gldm	DependenceNonUniformity	172.5987654
wavelet-LLL	gldm	GrayLevelNonUniformity	5.827160494
wavelet-LLL	gldm	SmallDependenceEmphasis	0.75654321
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	8202.792332
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.532712239
wavelet-LLL	gldm	LargeDependenceEmphasis	2.685185185
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003541178
wavelet-LLL	gldm	DependenceVariance	0.616559976
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	34106.49383
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003237644
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003272061
wavelet-LLL	glcm	JointAverage	99.84610951
wavelet-LLL	glcm	SumAverage	199.692219
wavelet-LLL	glcm	JointEntropy	8.68444809
wavelet-LLL	glcm	ClusterShade	-148337.2172
wavelet-LLL	glcm	MaximumProbability	0.010396981
wavelet-LLL	glcm	Idmn	0.972612991
wavelet-LLL	glcm	JointEnergy	0.002628939
wavelet-LLL	glcm	Contrast	843.8871104
wavelet-LLL	glcm	DifferenceEntropy	5.543176817
wavelet-LLL	glcm	InverseVariance	0.073585703
wavelet-LLL	glcm	DifferenceVariance	360.5591278
wavelet-LLL	glcm	Idn	0.894320657
wavelet-LLL	glcm	Idm	0.068544316
wavelet-LLL	glcm	Correlation	0.579718182
wavelet-LLL	glcm	Autocorrelation	10546.56798
wavelet-LLL	glcm	SumEntropy	6.770749264
wavelet-LLL	glcm	SumSquares	998.2298541
wavelet-LLL	glcm	ClusterProminence	29567117.34
wavelet-LLL	glcm	Imc2	0.999796646
wavelet-LLL	glcm	Imc1	-0.620869914
wavelet-LLL	glcm	DifferenceAverage	21.55138863
wavelet-LLL	glcm	Id	0.128618622
wavelet-LLL	glcm	ClusterTendency	3149.032306
wavelet-LLL	firstorder	InterquartileRange	968.6177679
wavelet-LLL	firstorder	Skewness	-1.040199233
wavelet-LLL	firstorder	Uniformity	0.017985063
wavelet-LLL	firstorder	Median	-173.1626398
wavelet-LLL	firstorder	Energy	251848722.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	411.3022029
wavelet-LLL	firstorder	MeanAbsoluteDeviation	607.9913338
wavelet-LLL	firstorder	TotalEnergy	6799915502
wavelet-LLL	firstorder	Maximum	1157.795535
wavelet-LLL	firstorder	RootMeanSquared	881.6523529
wavelet-LLL	firstorder	90Percentile	214.982701
wavelet-LLL	firstorder	Minimum	-2984.213336
wavelet-LLL	firstorder	Entropy	6.268350098

wavelet-LLL	firstorder	Range	4142.008871
wavelet-LLL	firstorder	Variance	572806.6537
wavelet-LLL	firstorder	10Percentile	-1664.397079
wavelet-LLL	firstorder	Kurtosis	3.49439817
wavelet-LLL	firstorder	Mean	-452.2214254
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003323858
wavelet-LLL	glrlm	GrayLevelVariance	919.9607713
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00332583
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017529402
wavelet-LLL	glrlm	RunVariance	0.017823043
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.58503291
wavelet-LLL	glrlm	LongRunEmphasis	1.05270897
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	11209.05912
wavelet-LLL	glrlm	RunLengthNonUniformity	308.1506937
wavelet-LLL	glrlm	ShortRunEmphasis	0.98736543
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	12081.49056
wavelet-LLL	glrlm	RunPercentage	0.9831434
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.00333386
wavelet-LLL	glrlm	RunEntropy	6.343454772
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	11377.02875
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.967209862
wavelet-LLL	glszm	GrayLevelVariance	948.0642218
wavelet-LLL	glszm	ZoneVariance	0.493801653
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.014520202
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.738894628
wavelet-LLL	glszm	SizeZoneNonUniformity	195.0681818
wavelet-LLL	glszm	GrayLevelNonUniformity	3.833333333
wavelet-LLL	glszm	LargeAreaEmphasis	2
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	9472.349547
wavelet-LLL	glszm	ZonePercentage	0.814814815
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004136011
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	24466.31818
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	11007.24242
wavelet-LLL	glszm	SmallAreaEmphasis	0.882646748
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003981851
wavelet-LLL	glszm	ZoneEntropy	6.773133041
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003967092
wavelet-LLL	ngtdm	Coarseness	0.019683455
wavelet-LLL	ngtdm	Complexity	62810.26598
wavelet-LLL	ngtdm	Strength	148.6895684
wavelet-LLL	ngtdm	Contrast	1.767919061
wavelet-LLL	ngtdm	Busyness	0.004168104
wavelet-HHL	gldm	GrayLevelVariance	15.44623533
wavelet-HHL	gldm	HighGrayLevelEmphasis	223.1975309
wavelet-HHL	gldm	DependenceEntropy	5.964639153
wavelet-HHL	gldm	DependenceNonUniformity	61.32098765
wavelet-HHL	gldm	GrayLevelNonUniformity	29.02469136
wavelet-HHL	gldm	SmallDependenceEmphasis	0.372936198
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	87.62855491
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.189262308
wavelet-HHL	gldm	LargeDependenceEmphasis	14.25308642
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.100242226
wavelet-HHL	gldm	DependenceVariance	5.029492455
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2906.907407
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004716249
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012738132
wavelet-HHL	glcm	JointAverage	14.41327424
wavelet-HHL	glcm	SumAverage	28.82654848

wavelet-HHL	glcm	JointEntropy	7.110852631
wavelet-HHL	glcm	ClusterShade	-7.950913661
wavelet-HHL	glcm	MaximumProbability	0.047170746
wavelet-HHL	glcm	Idmn	0.969230728
wavelet-HHL	glcm	JointEnergy	0.011281978
wavelet-HHL	glcm	Contrast	31.70777054
wavelet-HHL	glcm	DifferenceEntropy	3.487291427
wavelet-HHL	glcm	InverseVariance	0.251486176
wavelet-HHL	glcm	DifferenceVariance	14.72735224
wavelet-HHL	glcm	Idn	0.890182966
wavelet-HHL	glcm	Idm	0.256282008
wavelet-HHL	glcm	Correlation	0.028397546
wavelet-HHL	glcm	Autocorrelation	208.1524951
wavelet-HHL	glcm	SumEntropy	4.38215541
wavelet-HHL	glcm	SumSquares	16.2607969
wavelet-HHL	glcm	ClusterProminence	4952.937069
wavelet-HHL	glcm	Imc2	0.882354552
wavelet-HHL	glcm	Imc1	-0.192626198
wavelet-HHL	glcm	DifferenceAverage	4.083845602
wavelet-HHL	glcm	Id	0.341178727
wavelet-HHL	glcm	ClusterTendency	33.33541707
wavelet-HHL	firstorder	InterquartileRange	97.27460443
wavelet-HHL	firstorder	Skewness	-0.004187898
wavelet-HHL	firstorder	Uniformity	0.089582381
wavelet-HHL	firstorder	Median	-3.798021501
wavelet-HHL	firstorder	Energy	3059505.973
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	41.79782706
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.81814883
wavelet-HHL	firstorder	TotalEnergy	82606661.26
wavelet-HHL	firstorder	Maximum	385.5146349
wavelet-HHL	firstorder	RootMeanSquared	97.17468636
wavelet-HHL	firstorder	90Percentile	114.8968368
wavelet-HHL	firstorder	Minimum	-336.5069334
wavelet-HHL	firstorder	Entropy	3.891753109
wavelet-HHL	firstorder	Range	722.0215683
wavelet-HHL	firstorder	Variance	9440.739905
wavelet-HHL	firstorder	10Percentile	-110.6814874
wavelet-HHL	firstorder	Kurtosis	4.608756314
wavelet-HHL	firstorder	Mean	-1.476402145
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012590706
wavelet-HHL	glrlm	GrayLevelVariance	16.3489094
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.013102357
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.083774817
wavelet-HHL	glrlm	RunVariance	0.102355203
wavelet-HHL	glrlm	GrayLevelNonUniformity	25.02627138
wavelet-HHL	glrlm	LongRunEmphasis	1.28180458
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	212.4794557
wavelet-HHL	glrlm	RunLengthNonUniformity	257.1648121
wavelet-HHL	glrlm	ShortRunEmphasis	0.942310859
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	282.8091763
wavelet-HHL	glrlm	RunPercentage	0.921652422
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.015411569
wavelet-HHL	glrlm	RunEntropy	4.29571909
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	224.5220929
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.860378143
wavelet-HHL	glszm	GrayLevelVariance	26.88213668
wavelet-HHL	glszm	ZoneVariance	27.50086505
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058282872

wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.478265571
wavelet-HHL	glszm	SizeZoneNonUniformity	65.04411765
wavelet-HHL	glszm	GrayLevelNonUniformity	7.926470588
wavelet-HHL	glszm	LargeAreaEmphasis	33.17647059
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	171.2796732
wavelet-HHL	glszm	ZonePercentage	0.419753086
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.204209241
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	6634.735294
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	236.7058824
wavelet-HHL	glszm	SmallAreaEmphasis	0.718793025
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.015610358
wavelet-HHL	glszm	ZoneEntropy	5.453615927
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008447192
wavelet-HHL	ngtdm	Coarseness	0.021535133
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wavelet-HHL	ngtdm	Contrast	0.137686902
wavelet-HHL	ngtdm	Busyness	0.104897108
wavelet-HLH	gldm	GrayLevelVariance	44.612902
wavelet-HLH	gldm	HighGrayLevelEmphasis	510.5864198
wavelet-HLH	gldm	DependenceEntropy	6.110067714
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wavelet-HLH	gldm	GrayLevelNonUniformity	21.32098765
wavelet-HLH	gldm	SmallDependenceEmphasis	0.475413408
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	267.2604012
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.252629172
wavelet-HLH	gldm	LargeDependenceEmphasis	8.672839506
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.024478038
wavelet-HLH	gldm	DependenceVariance	2.847469898
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4026.703704
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00538243
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006695016
wavelet-HLH	glcm	JointAverage	21.6936217
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wavelet-HLH	glcm	MaximumProbability	0.030393407
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wavelet-HLH	glcm	JointEnergy	0.006921643
wavelet-HLH	glcm	Contrast	92.74762614
wavelet-HLH	glcm	DifferenceEntropy	4.078915849
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wavelet-HLH	glcm	DifferenceVariance	48.68932889
wavelet-HLH	glcm	Idn	0.909636021
wavelet-HLH	glcm	Idm	0.188344537
wavelet-HLH	glcm	Correlation	-0.017978134
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wavelet-HLH	glcm	SumSquares	45.97516706
wavelet-HLH	glcm	ClusterProminence	63637.5513
wavelet-HLH	glcm	Imc2	0.954629323
wavelet-HLH	glcm	Imc1	-0.273452129
wavelet-HLH	glcm	DifferenceAverage	6.573151062
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wavelet-HLH	glcm	ClusterTendency	91.15304209
wavelet-HLH	firstorder	InterquartileRange	135.8823141
wavelet-HLH	firstorder	Skewness	1.068862674
wavelet-HLH	firstorder	Uniformity	0.065805517

wavelet-HLH	firstorder	Median	-6.511149945
wavelet-HLH	firstorder	Energy	8995787.577
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	60.02441621
wavelet-HLH	firstorder	MeanAbsoluteDeviation	110.2016928
wavelet-HLH	firstorder	TotalEnergy	242886264.6
wavelet-HLH	firstorder	Maximum	960.7901698
wavelet-HLH	firstorder	RootMeanSquared	166.6276582
wavelet-HLH	firstorder	90Percentile	178.0860677
wavelet-HLH	firstorder	Minimum	-516.882979
wavelet-HLH	firstorder	Entropy	4.413567045
wavelet-HLH	firstorder	Range	1477.673149
wavelet-HLH	firstorder	Variance	27760.97047
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wavelet-HLH	firstorder	Kurtosis	9.306002268
wavelet-HLH	firstorder	Mean	1.950897419
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006848069
wavelet-HLH	glrlm	GrayLevelVariance	46.76714943
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006945189
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.062074747
wavelet-HLH	glrlm	RunVariance	0.06536868
wavelet-HLH	glrlm	GrayLevelNonUniformity	19.02679773
wavelet-HLH	glrlm	LongRunEmphasis	1.185151567
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	494.7315261
wavelet-HLH	glrlm	RunLengthNonUniformity	275.6230505
wavelet-HLH	glrlm	ShortRunEmphasis	0.959278009
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	598.6237082
wavelet-HLH	glrlm	RunPercentage	0.945631529
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007384505
wavelet-HLH	glrlm	RunEntropy	4.709643493
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	513.5004706
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.898881082
wavelet-HLH	glszm	GrayLevelVariance	74.33310213
wavelet-HLH	glszm	ZoneVariance	8.854538248
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.041088651
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.533557934
wavelet-HLH	glszm	SizeZoneNonUniformity	92.83908046
wavelet-HLH	glszm	GrayLevelNonUniformity	7.149425287
wavelet-HLH	glszm	LargeAreaEmphasis	12.32183908
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	438.3388701
wavelet-HLH	glszm	ZonePercentage	0.537037037
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.036538171
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	5643.931034
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	552.5344828
wavelet-HLH	glszm	SmallAreaEmphasis	0.757849219
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.010353524
wavelet-HLH	glszm	ZoneEntropy	5.839214583
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009693685
wavelet-HLH	ngtdm	Coarseness	0.022097347
wavelet-HLH	ngtdm	Complexity	2607.647552
wavelet-HLH	ngtdm	Strength	11.39497455
wavelet-HLH	ngtdm	Contrast	0.32288717
wavelet-HLH	ngtdm	Busyness	0.051622329

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	15: RTSTRUCT: C99-DNU_segment_Tumor(4D) (0, 0, 2, 8, 7, 8)
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general	info	SimpleITKVersion	1.1.0
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original	gldm	GrayLevelVariance	98.78242432
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original	glcm	JointAverage	26.99622884
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original	firstorder	Skewness	-0.599940858
original	firstorder	Uniformity	0.042123204
original	firstorder	Median	-146.5
original	firstorder	Energy	22396285
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original	firstorder	Minimum	-804
original	firstorder	Entropy	4.907365383
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.011753957
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original	glrlm	GrayLevelNonUniformityNormalized	0.038754927
original	glrlm	RunVariance	0.099138436
original	glrlm	GrayLevelNonUniformity	8.013949263
original	glrlm	LongRunEmphasis	1.260675359
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original	glrlm	HighGrayLevelRunEmphasis	729.9758971
original	glrlm	RunLengthNonUniformityNormalized	0.876708075
original	glszm	GrayLevelVariance	94.53386488
original	glszm	ZoneVariance	9.274691358
original	glszm	GrayLevelNonUniformityNormalized	0.032578875
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original	glszm	GrayLevelNonUniformity	3.518518519

original	glszm	LargeAreaEmphasis	13.5
original	glszm	SmallAreaHighGrayLevelEmphasis	365.3972166
original	glszm	ZonePercentage	0.486486486
original	glszm	LargeAreaLowGrayLevelEmphasis	0.046009755
original	glszm	LargeAreaHighGrayLevelEmphasis	14578.89815
original	glszm	HighGrayLevelZoneEmphasis	549.25
original	glszm	SmallAreaEmphasis	0.735262036
original	glszm	LowGrayLevelZoneEmphasis	0.017638771
original	glszm	ZoneEntropy	5.81277078
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original	ngtdm	Coarseness	0.04793935
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original	ngtdm	Busyness	0.018290602
wavelet-HHH	gldm	GrayLevelVariance	1.177420664
wavelet-HHH	gldm	HighGrayLevelEmphasis	31.18018018
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wavelet-HHH	gldm	DependenceNonUniformity	18.54054054
wavelet-HHH	gldm	GrayLevelNonUniformity	63.8018018
wavelet-HHH	gldm	SmallDependenceEmphasis	0.137887194
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	4.68941791
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.083515948
wavelet-HHH	gldm	LargeDependenceEmphasis	52.42342342
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	1.791562546
wavelet-HHH	gldm	DependenceVariance	11.96923951
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1609.711712
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011613937
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.042148591
wavelet-HHH	glcm	JointAverage	5.486782318
wavelet-HHH	glcm	SumAverage	10.97356464
wavelet-HHH	glcm	JointEntropy	4.00570409
wavelet-HHH	glcm	ClusterShade	-0.245903856
wavelet-HHH	glcm	MaximumProbability	0.160713594
wavelet-HHH	glcm	Idmn	0.97450311
wavelet-HHH	glcm	JointEnergy	0.092125189
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wavelet-HHH	glcm	DifferenceEntropy	1.885033555
wavelet-HHH	glcm	InverseVariance	0.486209168
wavelet-HHH	glcm	DifferenceVariance	1.048249994
wavelet-HHH	glcm	Idn	0.899004674
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wavelet-HHH	glcm	Correlation	-0.031827392
wavelet-HHH	glcm	Autocorrelation	30.07233106
wavelet-HHH	glcm	SumEntropy	2.532490545
wavelet-HHH	glcm	SumSquares	1.109357301
wavelet-HHH	glcm	ClusterProminence	17.10377356
wavelet-HHH	glcm	Imc2	0.476944175
wavelet-HHH	glcm	Imc1	-0.064556007
wavelet-HHH	glcm	DifferenceAverage	1.106218555
wavelet-HHH	glcm	Id	0.593175238
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wavelet-HHH	firstorder	InterquartileRange	28.21414791
wavelet-HHH	firstorder	Skewness	-0.178513894
wavelet-HHH	firstorder	Uniformity	0.287395504
wavelet-HHH	firstorder	Median	-0.311042725

wavelet-HHH	firstorder	Energy	140474.9829
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	11.83191053
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wavelet-HHH	firstorder	TotalEnergy	3792824.537
wavelet-HHH	firstorder	Maximum	86.18951228
wavelet-HHH	firstorder	RootMeanSquared	25.15492383
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wavelet-HHH	firstorder	Entropy	2.114209632
wavelet-HHH	firstorder	Range	193.2955417
wavelet-HHH	firstorder	Variance	632.5775375
wavelet-HHH	firstorder	10Percentile	-28.867702
wavelet-HHH	firstorder	Kurtosis	4.980662758
wavelet-HHH	firstorder	Mean	-0.438925389
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.038580389
wavelet-HHH	grlm	GrayLevelVariance	1.380378831
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.044208423
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.260485959
wavelet-HHH	grlm	RunVariance	0.319308443
wavelet-HHH	grlm	GrayLevelNonUniformity	45.95500988
wavelet-HHH	grlm	LongRunEmphasis	1.922898972
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	26.25684782
wavelet-HHH	grlm	RunLengthNonUniformity	116.470818
wavelet-HHH	grlm	ShortRunEmphasis	0.836414383
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	59.59031563
wavelet-HHH	grlm	RunPercentage	0.793832294
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.075902007
wavelet-HHH	grlm	RunEntropy	3.065701199
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	31.29710922
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.657414947
wavelet-HHH	glszm	GrayLevelVariance	4.888888889
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.504444444
wavelet-HHH	glszm	SizeZoneNonUniformity	15.13333333
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wavelet-HHH	glszm	LargeAreaEmphasis	446.2666667
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	26.04856048
wavelet-HHH	glszm	ZonePercentage	0.135135135
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	15.24318302
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	13654.6
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	33.33333333
wavelet-HHH	glszm	SmallAreaEmphasis	0.725183509
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.086779394
wavelet-HHH	glszm	ZoneEntropy	3.574418314
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.073960976
wavelet-HHH	ngtdm	Coarseness	0.026017622
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wavelet-HHH	ngtdm	Contrast	0.028785953
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wavelet-HLL	gldm	GrayLevelVariance	13.07426345
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wavelet-HLL	gldm	GrayLevelNonUniformity	17.78378378

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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	24.48917668
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.161756351
wavelet-HLL	gldm	LargeDependenceEmphasis	16.53153153
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.379693803
wavelet-HLL	gldm	DependenceVariance	3.610421232
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.029313566
wavelet-HLL	glcm	JointAverage	9.05626698
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wavelet-HLL	glcm	JointEntropy	6.564810477
wavelet-HLL	glcm	ClusterShade	34.88091428
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wavelet-HLL	glcm	JointEnergy	0.012979407
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wavelet-HLL	glcm	DifferenceEntropy	2.805356044
wavelet-HLL	glcm	InverseVariance	0.320857245
wavelet-HLL	glcm	DifferenceVariance	4.548167859
wavelet-HLL	glcm	Idn	0.883524872
wavelet-HLL	glcm	Idm	0.326352656
wavelet-HLL	glcm	Correlation	0.518948697
wavelet-HLL	glcm	Autocorrelation	88.36315767
wavelet-HLL	glcm	SumEntropy	4.44890672
wavelet-HLL	glcm	SumSquares	12.19500043
wavelet-HLL	glcm	ClusterProminence	3170.750203
wavelet-HLL	glcm	Imc2	0.885217137
wavelet-HLL	glcm	Imc1	-0.220165751
wavelet-HLL	glcm	DifferenceAverage	2.589372077
wavelet-HLL	glcm	Id	0.408361154
wavelet-HLL	glcm	ClusterTendency	37.0678458
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wavelet-HLL	firstorder	Uniformity	0.080107134
wavelet-HLL	firstorder	Median	-2.764589281
wavelet-HLL	firstorder	Energy	1822197.332
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	60.24665553
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wavelet-HLL	firstorder	Maximum	210.5216503
wavelet-HLL	firstorder	RootMeanSquared	90.59854352
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wavelet-HLL	firstorder	Minimum	-221.7732082
wavelet-HLL	firstorder	Entropy	3.762434174
wavelet-HLL	firstorder	Range	432.2948585
wavelet-HLL	firstorder	Variance	8202.60386
wavelet-HLL	firstorder	10Percentile	-118.0333729
wavelet-HLL	firstorder	Kurtosis	2.124551553
wavelet-HLL	firstorder	Mean	-2.343550229
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wavelet-HLL	glrlm	GrayLevelVariance	13.02750702
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.029851593
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.079295866
wavelet-HLL	glrlm	RunVariance	0.123458588
wavelet-HLL	glrlm	GrayLevelNonUniformity	15.84719695

wavelet-HLL	glrlm	LongRunEmphasis	1.368514799
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	95.20829436
wavelet-HLL	glrlm	RunLengthNonUniformity	164.3290647
wavelet-HLL	glrlm	ShortRunEmphasis	0.921814929
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	138.2590004
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wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.038770209
wavelet-HLL	glrlm	RunEntropy	4.189384711
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	102.719354
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.818384037
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wavelet-HLL	glszm	ZoneVariance	18.78796023
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.081429723
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.236764311
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wavelet-HLL	glszm	GrayLevelNonUniformity	4.967213115
wavelet-HLL	glszm	LargeAreaEmphasis	32.03278689
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wavelet-HLL	glszm	ZonePercentage	0.274774775
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.779631999
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2717.442623
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	117.4098361
wavelet-HLL	glszm	SmallAreaEmphasis	0.490761405
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.036253361
wavelet-HLL	glszm	ZoneEntropy	5.191074789
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wavelet-HLL	ngtdm	Coarseness	0.036436583
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wavelet-HLL	ngtdm	Contrast	0.139724408
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wavelet-LHL	gldm	GrayLevelVariance	38.96771772
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wavelet-LHL	gldm	GrayLevelNonUniformity	15.14414414
wavelet-LHL	gldm	SmallDependenceEmphasis	0.387160968
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	181.0276627
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.199740281
wavelet-LHL	gldm	LargeDependenceEmphasis	11.69369369
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.043363862
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wavelet-LHL	gldm	LowGrayLevelEmphasis	0.008404514
wavelet-LHL	glcm	JointAverage	18.91560091
wavelet-LHL	glcm	SumAverage	37.83120181
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wavelet-LHL	glcm	ClusterShade	1091.07432
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wavelet-LHL	glcm	DifferenceVariance	21.62323101

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wavelet-LHL	glcm	Idm	0.238341021
wavelet-LHL	glcm	Correlation	0.318795822
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wavelet-LHL	glcm	SumSquares	34.44348713
wavelet-LHL	glcm	ClusterProminence	51295.4187
wavelet-LHL	glcm	Imc2	0.963775914
wavelet-LHL	glcm	Imc1	-0.316776367
wavelet-LHL	glcm	DifferenceAverage	4.725550765
wavelet-LHL	glcm	Id	0.323593079
wavelet-LHL	glcm	ClusterTendency	92.57874916
wavelet-LHL	firstorder	InterquartileRange	125.4847156
wavelet-LHL	firstorder	Skewness	0.964340419
wavelet-LHL	firstorder	Uniformity	0.068216866
wavelet-LHL	firstorder	Median	-20.59212745
wavelet-LHL	firstorder	Energy	5489614.944
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	57.51270296
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wavelet-LHL	firstorder	TotalEnergy	148219603.5
wavelet-LHL	firstorder	Maximum	571.9096872
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wavelet-LHL	firstorder	Entropy	4.326594087
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wavelet-LHL	firstorder	Variance	24652.01017
wavelet-LHL	firstorder	10Percentile	-168.172711
wavelet-LHL	firstorder	Kurtosis	5.450647355
wavelet-LHL	firstorder	Mean	-8.716941566
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008599744
wavelet-LHL	glrlm	GrayLevelVariance	40.5517056
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008784988
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.064694809
wavelet-LHL	glrlm	RunVariance	0.08804203
wavelet-LHL	glrlm	GrayLevelNonUniformity	13.35791392
wavelet-LHL	glrlm	LongRunEmphasis	1.248940397
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	390.9838575
wavelet-LHL	glrlm	RunLengthNonUniformity	180.2366402
wavelet-LHL	glrlm	ShortRunEmphasis	0.946986306
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	498.8583419
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wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.475426905
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wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.067528937

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	5854.214286
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wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.014374707
wavelet-LHL	glszm	ZoneEntropy	5.518526967
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013114272
wavelet-LHL	ngtdm	Coarseness	0.031598439
wavelet-LHL	ngtdm	Complexity	1448.240866
wavelet-LHL	ngtdm	Strength	13.54608869
wavelet-LHL	ngtdm	Contrast	0.241695457
wavelet-LHL	ngtdm	Busyness	0.047601927
wavelet-LHH	gldm	GrayLevelVariance	7.793685577
wavelet-LHH	gldm	HighGrayLevelEmphasis	119.6576577
wavelet-LHH	gldm	DependenceEntropy	5.566816964
wavelet-LHH	gldm	DependenceNonUniformity	29.43243243
wavelet-LHH	gldm	GrayLevelNonUniformity	30.81981982
wavelet-LHH	gldm	SmallDependenceEmphasis	0.270796813
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	36.093039
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.132578524
wavelet-LHH	gldm	LargeDependenceEmphasis	23.28828829
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.265333142
wavelet-LHH	gldm	DependenceVariance	7.503774044
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2519.36036
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006298174
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.020475422
wavelet-LHH	glcm	JointAverage	10.58120129
wavelet-LHH	glcm	SumAverage	21.16240257
wavelet-LHH	glcm	JointEntropy	5.864586533
wavelet-LHH	glcm	ClusterShade	-2.711743915
wavelet-LHH	glcm	MaximumProbability	0.080668539
wavelet-LHH	glcm	ldmn	0.964169733
wavelet-LHH	glcm	JointEnergy	0.028112266
wavelet-LHH	glcm	Contrast	15.81931333
wavelet-LHH	glcm	DifferenceEntropy	2.930455714
wavelet-LHH	glcm	InverseVariance	0.360900874
wavelet-LHH	glcm	DifferenceVariance	8.312574115
wavelet-LHH	glcm	ldn	0.889111044
wavelet-LHH	glcm	ldm	0.364835119
wavelet-LHH	glcm	Correlation	-0.043915489
wavelet-LHH	glcm	Autocorrelation	111.6886582
wavelet-LHH	glcm	SumEntropy	3.690142187
wavelet-LHH	glcm	SumSquares	7.633302157
wavelet-LHH	glcm	ClusterProminence	1257.327149
wavelet-LHH	glcm	lmc2	0.850671865
wavelet-LHH	glcm	lmc1	-0.200727135
wavelet-LHH	glcm	DifferenceAverage	2.692331696
wavelet-LHH	glcm	ld	0.433973493
wavelet-LHH	glcm	ClusterTendency	14.7138953
wavelet-LHH	firstorder	InterquartileRange	63.91506847
wavelet-LHH	firstorder	Skewness	-0.033061995
wavelet-LHH	firstorder	Uniformity	0.138828017
wavelet-LHH	firstorder	Median	-4.321356407
wavelet-LHH	firstorder	Energy	1062384.039
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	27.37355061
wavelet-LHH	firstorder	MeanAbsoluteDeviation	48.68002098
wavelet-LHH	firstorder	TotalEnergy	28684369.04

wavelet-LHH	firstorder	Maximum	207.7075668
wavelet-LHH	firstorder	RootMeanSquared	69.17740735
wavelet-LHH	firstorder	90Percentile	84.5340895
wavelet-LHH	firstorder	Minimum	-238.1630429
wavelet-LHH	firstorder	Entropy	3.308957012
wavelet-LHH	firstorder	Range	445.8706097
wavelet-LHH	firstorder	Variance	4782.907552
wavelet-LHH	firstorder	10Percentile	-64.7685217
wavelet-LHH	firstorder	Kurtosis	4.821369406
wavelet-LHH	firstorder	Mean	1.614352917
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.020211292
wavelet-LHH	grlm	GrayLevelVariance	8.525190812
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.021400835
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.126130304
wavelet-LHH	grlm	RunVariance	0.184728247
wavelet-LHH	grlm	GrayLevelNonUniformity	24.81688869
wavelet-LHH	grlm	LongRunEmphasis	1.471362669
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	111.8059342
wavelet-LHH	grlm	RunLengthNonUniformity	158.8726563
wavelet-LHH	grlm	ShortRunEmphasis	0.916413498
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	172.3494721
wavelet-LHH	grlm	RunPercentage	0.885654886
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.027469051
wavelet-LHH	grlm	RunEntropy	3.868222494
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	121.00188
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.805561075
wavelet-LHH	glszm	GrayLevelVariance	17.31120517
wavelet-LHH	glszm	ZoneVariance	60.96146135
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.082646469
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.436400089
wavelet-LHH	glszm	SizeZoneNonUniformity	29.23880597
wavelet-LHH	glszm	GrayLevelNonUniformity	5.537313433
wavelet-LHH	glszm	LargeAreaEmphasis	71.94029851
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	93.03964891
wavelet-LHH	glszm	ZonePercentage	0.301801802
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.768031374
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	7604.537313
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	134.4029851
wavelet-LHH	glszm	SmallAreaEmphasis	0.684443694
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.029671294
wavelet-LHH	glszm	ZoneEntropy	4.814860923
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015049545
wavelet-LHH	ngtdm	Coarseness	0.032616423
wavelet-LHH	ngtdm	Complexity	240.7715747
wavelet-LHH	ngtdm	Strength	2.868470626
wavelet-LHH	ngtdm	Contrast	0.102877277
wavelet-LHH	ngtdm	Busyness	0.134790617
wavelet-LLH	gldm	GrayLevelVariance	14.75523496
wavelet-LLH	gldm	HighGrayLevelEmphasis	175.0855856
wavelet-LLH	gldm	DependenceEntropy	5.945924568
wavelet-LLH	gldm	DependenceNonUniformity	32.76576577
wavelet-LLH	gldm	GrayLevelNonUniformity	20.99099099
wavelet-LLH	gldm	SmallDependenceEmphasis	0.265167051
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	50.75034889
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.147593539
wavelet-LLH	gldm	LargeDependenceEmphasis	20.1981982



wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.151727399
wavelet-LLH	gldm	DependenceVariance	6.220030842
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3382.382883
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007731957
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.014353759
wavelet-LLH	glcm	JointAverage	12.55831291
wavelet-LLH	glcm	SumAverage	25.11662582
wavelet-LLH	glcm	JointEntropy	6.510946605
wavelet-LLH	glcm	ClusterShade	56.87326271
wavelet-LLH	glcm	MaximumProbability	0.054036847
wavelet-LLH	glcm	ldmn	0.964595907
wavelet-LLH	glcm	JointEnergy	0.016090271
wavelet-LLH	glcm	Contrast	25.25117164
wavelet-LLH	glcm	DifferenceEntropy	3.197725228
wavelet-LLH	glcm	InverseVariance	0.293134107
wavelet-LLH	glcm	DifferenceVariance	13.09003897
wavelet-LLH	glcm	ldn	0.89039446
wavelet-LLH	glcm	ldm	0.318854464
wavelet-LLH	glcm	Correlation	0.094744884
wavelet-LLH	glcm	Autocorrelation	159.366995
wavelet-LLH	glcm	SumEntropy	4.228979029
wavelet-LLH	glcm	SumSquares	14.2753544
wavelet-LLH	glcm	ClusterProminence	4997.655953
wavelet-LLH	glcm	lmc2	0.921416115
wavelet-LLH	glcm	lmc1	-0.26036386
wavelet-LLH	glcm	DifferenceAverage	3.364063451
wavelet-LLH	glcm	ld	0.396935534
wavelet-LLH	glcm	ClusterTendency	31.85024595
wavelet-LLH	firstorder	InterquartileRange	97.29180255
wavelet-LLH	firstorder	Skewness	0.010810447
wavelet-LLH	firstorder	Uniformity	0.094554013
wavelet-LLH	firstorder	Median	-39.23817446
wavelet-LLH	firstorder	Energy	2487782.524
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	41.47144449
wavelet-LLH	firstorder	MeanAbsoluteDeviation	69.75304332
wavelet-LLH	firstorder	TotalEnergy	67170128.14
wavelet-LLH	firstorder	Maximum	236.1900649
wavelet-LLH	firstorder	RootMeanSquared	105.8594709
wavelet-LLH	firstorder	90Percentile	61.83908919
wavelet-LLH	firstorder	Minimum	-333.1357615
wavelet-LLH	firstorder	Entropy	3.807142336
wavelet-LLH	firstorder	Range	569.3258264
wavelet-LLH	firstorder	Variance	9094.480178
wavelet-LLH	firstorder	10Percentile	-147.6823456
wavelet-LLH	firstorder	Kurtosis	3.979232354
wavelet-LLH	firstorder	Mean	-45.9537529
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014559897
wavelet-LLH	glrlm	GrayLevelVariance	15.71288492
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.015155367
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.088260144
wavelet-LLH	glrlm	RunVariance	0.150041929
wavelet-LLH	glrlm	GrayLevelNonUniformity	17.53534198
wavelet-LLH	glrlm	LongRunEmphasis	1.407250449
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	163.0952462
wavelet-LLH	glrlm	RunLengthNonUniformity	163.1944343
wavelet-LLH	glrlm	ShortRunEmphasis	0.922636132

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	244.3544589
wavelet-LLH	glrlm	RunPercentage	0.894663895
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.01826381
wavelet-LLH	glrlm	RunEntropy	4.291474135
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	176.0102917
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.819352259
wavelet-LLH	glszm	GrayLevelVariance	26.68155376
wavelet-LLH	glszm	ZoneVariance	27.92981798
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.055732783
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.340589229
wavelet-LLH	glszm	SizeZoneNonUniformity	24.8630137
wavelet-LLH	glszm	GrayLevelNonUniformity	4.068493151
wavelet-LLH	glszm	LargeAreaEmphasis	37.17808219
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	118.0572311
wavelet-LLH	glszm	ZonePercentage	0.328828829
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.259171278
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	6538.561644
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	187.5890411
wavelet-LLH	glszm	SmallAreaEmphasis	0.594282376
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.026299269
wavelet-LLH	glszm	ZoneEntropy	5.364281237
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021185851
wavelet-LLH	ngtdm	Coarseness	0.033612618
wavelet-LLH	ngtdm	Complexity	467.8201905
wavelet-LLH	ngtdm	Strength	5.154834131
wavelet-LLH	ngtdm	Contrast	0.140283728
wavelet-LLH	ngtdm	Busyness	0.090863178
wavelet-LLL	gldm	GrayLevelVariance	770.8091064
wavelet-LLL	gldm	HighGrayLevelEmphasis	5424.261261
wavelet-LLL	gldm	DependenceEntropy	6.741201733
wavelet-LLL	gldm	DependenceNonUniformity	96.48648649
wavelet-LLL	gldm	GrayLevelNonUniformity	4.027027027
wavelet-LLL	gldm	SmallDependenceEmphasis	0.679825999
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3346.621815
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.434623813
wavelet-LLL	gldm	LargeDependenceEmphasis	4.099099099
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012175477
wavelet-LLL	gldm	DependenceVariance	1.260936612
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	30141.38739
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006145075
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007032788
wavelet-LLL	glcm	JointAverage	72.08494572
wavelet-LLL	glcm	SumAverage	144.1698914
wavelet-LLL	glcm	JointEntropy	8.047324936
wavelet-LLL	glcm	ClusterShade	-70038.31412
wavelet-LLL	glcm	MaximumProbability	0.013660497
wavelet-LLL	glcm	Idmn	0.975891891
wavelet-LLL	glcm	JointEnergy	0.004105493
wavelet-LLL	glcm	Contrast	296.961272
wavelet-LLL	glcm	DifferenceEntropy	4.807376866
wavelet-LLL	glcm	InverseVariance	0.092555203
wavelet-LLL	glcm	DifferenceVariance	110.2876353
wavelet-LLL	glcm	Idn	0.896433634
wavelet-LLL	glcm	Idm	0.095029013
wavelet-LLL	glcm	Correlation	0.773075045
wavelet-LLL	glcm	Autocorrelation	5710.649284

wavelet-LLL	glcm	SumEntropy	6.367001355
wavelet-LLL	glcm	SumSquares	661.6414942
wavelet-LLL	glcm	ClusterProminence	13668938.22
wavelet-LLL	glcm	Imc2	0.999771984
wavelet-LLL	glcm	Imc1	-0.647048651
wavelet-LLL	glcm	DifferenceAverage	13.29550187
wavelet-LLL	glcm	Id	0.167189115
wavelet-LLL	glcm	ClusterTendency	2349.604705
wavelet-LLL	firstorder	InterquartileRange	1231.423927
wavelet-LLL	firstorder	Skewness	-0.505845738
wavelet-LLL	firstorder	Uniformity	0.018139761
wavelet-LLL	firstorder	Median	-477.7361601
wavelet-LLL	firstorder	Energy	181960488.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	472.9783028
wavelet-LLL	firstorder	MeanAbsoluteDeviation	597.7968556
wavelet-LLL	firstorder	TotalEnergy	4912933195
wavelet-LLL	firstorder	Maximum	399.9480934
wavelet-LLL	firstorder	RootMeanSquared	905.340732
wavelet-LLL	firstorder	90Percentile	213.4165551
wavelet-LLL	firstorder	Minimum	-2264.264984
wavelet-LLL	firstorder	Entropy	6.063576018
wavelet-LLL	firstorder	Range	2664.213078
wavelet-LLL	firstorder	Variance	481339.4997
wavelet-LLL	firstorder	10Percentile	-1555.845198
wavelet-LLL	firstorder	Kurtosis	2.184222459
wavelet-LLL	firstorder	Mean	-581.6376375
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007121746
wavelet-LLL	glrlm	GrayLevelVariance	763.9646011
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007167188
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017570246
wavelet-LLL	glrlm	RunVariance	0.029296688
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.799464041
wavelet-LLL	glrlm	LongRunEmphasis	1.086381279
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5223.722219
wavelet-LLL	glrlm	RunLengthNonUniformity	205.4382754
wavelet-LLL	glrlm	ShortRunEmphasis	0.979913761
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6005.902093
wavelet-LLL	glrlm	RunPercentage	0.973665974
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.007350648
wavelet-LLL	glrlm	RunEntropy	6.159912388
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5371.208525
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.949260471
wavelet-LLL	glszm	GrayLevelVariance	686.1804689
wavelet-LLL	glszm	ZoneVariance	1.030773697
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015314269
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.677819713
wavelet-LLL	glszm	SizeZoneNonUniformity	112.5180723
wavelet-LLL	glszm	GrayLevelNonUniformity	2.542168675
wavelet-LLL	glszm	LargeAreaEmphasis	2.819277108
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4124.909696
wavelet-LLL	glszm	ZonePercentage	0.747747748
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.012225268
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	19207.71084
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4989.066265
wavelet-LLL	glszm	SmallAreaEmphasis	0.848859554
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.008444507

wavelet-LLL	glszm	ZoneEntropy	6.502786494
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007982094
wavelet-LLL	ngtdm	Coarseness	0.039826961
wavelet-LLL	ngtdm	Complexity	21506.01486
wavelet-LLL	ngtdm	Strength	173.3865233
wavelet-LLL	ngtdm	Contrast	1.644248877
wavelet-LLL	ngtdm	Busyness	0.004521081
wavelet-HHL	gldm	GrayLevelVariance	3.175898872
wavelet-HHL	gldm	HighGrayLevelEmphasis	46.01351351
wavelet-HHL	gldm	DependenceEntropy	5.599921217
wavelet-HHL	gldm	DependenceNonUniformity	22.51351351
wavelet-HHL	gldm	GrayLevelNonUniformity	41.89189189
wavelet-HHL	gldm	SmallDependenceEmphasis	0.171768078
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	9.105472153
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.101412223
wavelet-HHL	gldm	LargeDependenceEmphasis	36.99099099
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.973048016
wavelet-HHL	gldm	DependenceVariance	10.99017937
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1635.274775
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01027895
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.042784691
wavelet-HHL	glcm	JointAverage	6.560387236
wavelet-HHL	glcm	SumAverage	13.12077447
wavelet-HHL	glcm	JointEntropy	5.133988822
wavelet-HHL	glcm	ClusterShade	-4.716599156
wavelet-HHL	glcm	MaximumProbability	0.10367637
wavelet-HHL	glcm	ldmn	0.963220256
wavelet-HHL	glcm	JointEnergy	0.043758259
wavelet-HHL	glcm	Contrast	5.094600879
wavelet-HHL	glcm	DifferenceEntropy	2.350269921
wavelet-HHL	glcm	InverseVariance	0.402488936
wavelet-HHL	glcm	DifferenceVariance	2.220257365
wavelet-HHL	glcm	ldn	0.879195493
wavelet-HHL	glcm	ldm	0.447712297
wavelet-HHL	glcm	Correlation	0.087425124
wavelet-HHL	glcm	Autocorrelation	43.34047153
wavelet-HHL	glcm	SumEntropy	3.234530168
wavelet-HHL	glcm	SumSquares	2.847197048
wavelet-HHL	glcm	ClusterProminence	179.7547852
wavelet-HHL	glcm	lmc2	0.646234799
wavelet-HHL	glcm	lmc1	-0.105748205
wavelet-HHL	glcm	DifferenceAverage	1.67357537
wavelet-HHL	glcm	ld	0.508802961
wavelet-HHL	glcm	ClusterTendency	6.294187314
wavelet-HHL	firstorder	InterquartileRange	41.29840525
wavelet-HHL	firstorder	Skewness	-0.195845793
wavelet-HHL	firstorder	Uniformity	0.188702216
wavelet-HHL	firstorder	Median	0.422274179
wavelet-HHL	firstorder	Energy	419287.856
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	18.13591288
wavelet-HHL	firstorder	MeanAbsoluteDeviation	31.10902541
wavelet-HHL	firstorder	TotalEnergy	11320772.11
wavelet-HHL	firstorder	Maximum	114.2581477
wavelet-HHL	firstorder	RootMeanSquared	43.45899258
wavelet-HHL	firstorder	90Percentile	57.77919694
wavelet-HHL	firstorder	Minimum	-146.8283797

wavelet-HHL	firstorder	Entropy	2.775182729
wavelet-HHL	firstorder	Range	261.0865275
wavelet-HHL	firstorder	Variance	1887.162807
wavelet-HHL	firstorder	10Percentile	-44.28561685
wavelet-HHL	firstorder	Kurtosis	4.430371208
wavelet-HHL	firstorder	Mean	1.233380968
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.041611464
wavelet-HHL	glrlm	GrayLevelVariance	3.56883719
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.045280344
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.171070888
wavelet-HHL	glrlm	RunVariance	0.254562791
wavelet-HHL	glrlm	GrayLevelNonUniformity	32.02942131
wavelet-HHL	glrlm	LongRunEmphasis	1.679982139
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	41.34935913
wavelet-HHL	glrlm	RunLengthNonUniformity	139.0686871
wavelet-HHL	glrlm	ShortRunEmphasis	0.882510579
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	76.36410914
wavelet-HHL	glrlm	RunPercentage	0.842342342
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.064793384
wavelet-HHL	glrlm	RunEntropy	3.506369122
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	46.45101573
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.740031203
wavelet-HHL	glszm	GrayLevelVariance	8.151111111
wavelet-HHL	glszm	ZoneVariance	133.2622222
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.109135802
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.302716049
wavelet-HHL	glszm	SizeZoneNonUniformity	13.62222222
wavelet-HHL	glszm	GrayLevelNonUniformity	4.911111111
wavelet-HHL	glszm	LargeAreaEmphasis	157.6
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	31.27921547
wavelet-HHL	glszm	ZonePercentage	0.202702703
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	3.951975762
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	6954.022222
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	53.48888889
wavelet-HHL	glszm	SmallAreaEmphasis	0.558889869
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.064596038
wavelet-HHL	glszm	ZoneEntropy	4.597082818
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.031969184
wavelet-HHL	ngtdm	Coarseness	0.031548658
wavelet-HHL	ngtdm	Complexity	55.42619791
wavelet-HHL	ngtdm	Strength	1.077440222
wavelet-HHL	ngtdm	Contrast	0.071555651
wavelet-HHL	ngtdm	Busyness	0.401000083
wavelet-HLH	gldm	GrayLevelVariance	2.047094392
wavelet-HLH	gldm	HighGrayLevelEmphasis	45.83333333
wavelet-HLH	gldm	DependenceEntropy	5.271698289
wavelet-HLH	gldm	DependenceNonUniformity	20.01801802
wavelet-HLH	gldm	GrayLevelNonUniformity	51.61261261
wavelet-HLH	gldm	SmallDependenceEmphasis	0.16529223
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	9.449525076
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.090171252
wavelet-HLH	gldm	LargeDependenceEmphasis	45.99099099
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	1.090616992
wavelet-HLH	gldm	DependenceVariance	12.74693613
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2037.382883
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009437076

wavelet-HLH	gldm	LowGrayLevelEmphasis	0.03058336
wavelet-HLH	glcm	JointAverage	6.615126762
wavelet-HLH	glcm	SumAverage	13.23025352
wavelet-HLH	glcm	JointEntropy	4.571034056
wavelet-HLH	glcm	ClusterShade	2.202388765
wavelet-HLH	glcm	MaximumProbability	0.149850122
wavelet-HLH	glcm	ldmn	0.978522896
wavelet-HLH	glcm	JointEnergy	0.068400539
wavelet-HLH	glcm	Contrast	4.024232519
wavelet-HLH	glcm	DifferenceEntropy	2.178877981
wavelet-HLH	glcm	InverseVariance	0.447234393
wavelet-HLH	glcm	DifferenceVariance	1.944949993
wavelet-HLH	glcm	ldn	0.909399521
wavelet-HLH	glcm	ldm	0.504343207
wavelet-HLH	glcm	Correlation	0.001831784
wavelet-HLH	glcm	Autocorrelation	43.75885458
wavelet-HLH	glcm	SumEntropy	2.88555425
wavelet-HLH	glcm	SumSquares	2.010592661
wavelet-HLH	glcm	ClusterProminence	84.34595278
wavelet-HLH	glcm	lmc2	0.63117009
wavelet-HLH	glcm	lmc1	-0.110578873
wavelet-HLH	glcm	DifferenceAverage	1.418074687
wavelet-HLH	glcm	ld	0.552108034
wavelet-HLH	glcm	ClusterTendency	4.018138123
wavelet-HLH	firstorder	InterquartileRange	32.26287043
wavelet-HLH	firstorder	Skewness	0.216639184
wavelet-HLH	firstorder	Uniformity	0.232489246
wavelet-HLH	firstorder	Median	2.722666107
wavelet-HLH	firstorder	Energy	266739.3475
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	14.45131631
wavelet-HLH	firstorder	MeanAbsoluteDeviation	24.30940338
wavelet-HLH	firstorder	TotalEnergy	7201962.383
wavelet-HLH	firstorder	Maximum	160.6539643
wavelet-HLH	firstorder	RootMeanSquared	34.66307246
wavelet-HLH	firstorder	90Percentile	41.42155377
wavelet-HLH	firstorder	Minimum	-131.5843607
wavelet-HLH	firstorder	Entropy	2.455236704
wavelet-HLH	firstorder	Range	292.238325
wavelet-HLH	firstorder	Variance	1189.716866
wavelet-HLH	firstorder	10Percentile	-35.83257431
wavelet-HLH	firstorder	Kurtosis	5.909801813
wavelet-HLH	firstorder	Mean	3.436819208
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.028582253
wavelet-HLH	glrlm	GrayLevelVariance	2.382151981
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.032033159
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.208315192
wavelet-HLH	glrlm	RunVariance	0.305626903
wavelet-HLH	glrlm	GrayLevelNonUniformity	37.83073297
wavelet-HLH	glrlm	LongRunEmphasis	1.82936582
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	40.115658
wavelet-HLH	glrlm	RunLengthNonUniformity	127.170286
wavelet-HLH	glrlm	ShortRunEmphasis	0.858350996
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	82.49827408
wavelet-HLH	glrlm	RunPercentage	0.816701317
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.052172913
wavelet-HLH	glrlm	RunEntropy	3.297563641

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	46.32137738
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.696225658
wavelet-HLH	glszm	GrayLevelVariance	6.967784352
wavelet-HLH	glszm	ZoneVariance	213.6489152
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.130834977
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.418803419
wavelet-HLH	glszm	SizeZoneNonUniformity	16.333333333
wavelet-HLH	glszm	GrayLevelNonUniformity	5.102564103
wavelet-HLH	glszm	LargeAreaEmphasis	246.0512821
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	40.86801903
wavelet-HLH	glszm	ZonePercentage	0.175675676
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	5.957184659
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	10662.4359
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	58.51282051
wavelet-HLH	glszm	SmallAreaEmphasis	0.651670462
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.054785856
wavelet-HLH	glszm	ZoneEntropy	4.278114718
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.046104168
wavelet-HLH	ngtdm	Coarseness	0.027687124
wavelet-HLH	ngtdm	Complexity	57.26159193
wavelet-HLH	ngtdm	Strength	1.285404798
wavelet-HLH	ngtdm	Contrast	0.040728686
wavelet-HLH	ngtdm	Busyness	0.394905816

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	60
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original	shape	Elongation	0.58710221
original	shape	SurfaceVolumeRatio	0.511580772
original	shape	Volume	1620
original	shape	MajorAxis	21.89089818
original	shape	SurfaceArea	828.76085
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original	shape	LeastAxis	9.243898979
original	shape	Maximum2DDiameterColumn	15
original	shape	Maximum2DDiameterRow	17.49285568
original	gldm	GrayLevelVariance	315.6497222
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original	gldm	DependenceNonUniformity	36.76666667
original	gldm	GrayLevelNonUniformity	2.533333333
original	gldm	SmallDependenceEmphasis	0.803356481
original	gldm	SmallDependenceHighGrayLevelEmphasis	637.0978009
original	gldm	DependenceNonUniformityNormalized	0.612777778
original	gldm	LargeDependenceEmphasis	2.566666667
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.081600354
original	gldm	DependenceVariance	0.606666667
original	gldm	LargeDependenceHighGrayLevelEmphasis	2422.416667
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.036920109
original	gldm	LowGrayLevelEmphasis	0.044439172
original	glcm	JointAverage	25.24458555
original	glcm	SumAverage	50.4891711



original	glcm	JointEntropy	5.796134582
original	glcm	ClusterShade	4129.994632
original	glcm	MaximumProbability	0.033117147
original	glcm	Idmn	0.906571994
original	glcm	JointEnergy	0.018981632
original	glcm	Contrast	600.9406925
original	glcm	DifferenceEntropy	4.345036272
original	glcm	InverseVariance	0.075878718
original	glcm	DifferenceVariance	212.5114
original	glcm	Idn	0.806396878
original	glcm	Idm	0.073633434
original	glcm	Correlation	0.08427991
original	glcm	Autocorrelation	660.9896334
original	glcm	SumEntropy	4.614879324
original	glcm	SumSquares	322.944709
original	glcm	ClusterProminence	1054130.905
original	glcm	Imc2	0.999623638
original	glcm	Imc1	-0.769438221
original	glcm	DifferenceAverage	19.17537792
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original	glcm	ClusterTendency	690.8381436
original	firstorder	InterquartileRange	786
original	firstorder	Skewness	0.69397403
original	firstorder	Uniformity	0.042222222
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original	firstorder	Energy	25358766
original	firstorder	RobustMeanAbsoluteDeviation	292.4826389
original	firstorder	MeanAbsoluteDeviation	375.4944444
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original	firstorder	Maximum	706
original	firstorder	RootMeanSquared	650.1123749
original	firstorder	90Percentile	114.9
original	firstorder	Minimum	-1024
original	firstorder	Entropy	4.874954813
original	firstorder	Range	1730
original	firstorder	Variance	196609.2456
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original	firstorder	Kurtosis	2.411044079
original	firstorder	Mean	-475.4333333
original	glrlm	ShortRunLowGrayLevelEmphasis	0.044354834
original	glrlm	GrayLevelVariance	315.2951056
original	glrlm	LowGrayLevelRunEmphasis	0.044693277
original	glrlm	GrayLevelNonUniformityNormalized	0.041499603
original	glrlm	RunVariance	0.015366022
original	glrlm	GrayLevelNonUniformity	2.452100444
original	glrlm	LongRunEmphasis	1.047617583
original	glrlm	ShortRunHighGrayLevelEmphasis	807.6786123
original	glrlm	RunLengthNonUniformity	57.2893187
original	glrlm	ShortRunEmphasis	0.988095604
original	glrlm	LongRunHighGrayLevelEmphasis	867.7405892
original	glrlm	RunPercentage	0.984615385
original	glrlm	LongRunLowGrayLevelEmphasis	0.046047048
original	glrlm	RunEntropy	4.926756758
original	glrlm	HighGrayLevelRunEmphasis	819.6910077
original	glrlm	RunLengthNonUniformityNormalized	0.969267956

original	glszm	GrayLevelVariance	314.2106882
original	glszm	ZoneVariance	0.341407151
original	glszm	GrayLevelNonUniformityNormalized	0.035755479
original	glszm	SizeZoneNonUniformityNormalized	0.816993464
original	glszm	SizeZoneNonUniformity	41.66666667
original	glszm	GrayLevelNonUniformity	1.823529412
original	glszm	LargeAreaEmphasis	1.725490196
original	glszm	SmallAreaHighGrayLevelEmphasis	729.7376089
original	glszm	ZonePercentage	0.85
original	glszm	LargeAreaLowGrayLevelEmphasis	0.067079699
original	glszm	LargeAreaHighGrayLevelEmphasis	1447.392157
original	glszm	HighGrayLevelZoneEmphasis	805.1372549
original	glszm	SmallAreaEmphasis	0.917347495
original	glszm	LowGrayLevelZoneEmphasis	0.046103431
original	glszm	ZoneEntropy	5.093802303
original	glszm	SmallAreaLowGrayLevelEmphasis	0.042007851
original	ngtdm	Coarseness	0.027879114
original	ngtdm	Complexity	12826.28612
original	ngtdm	Strength	58.31439952
original	ngtdm	Contrast	7.274612489
original	ngtdm	Busyness	0.058737683
wavelet-HHH	gldm	GrayLevelVariance	59.98305556
wavelet-HHH	gldm	HighGrayLevelEmphasis	433.1166667
wavelet-HHH	gldm	DependenceEntropy	5.048394346
wavelet-HHH	gldm	DependenceNonUniformity	27.4
wavelet-HHH	gldm	GrayLevelNonUniformity	3.533333333
wavelet-HHH	gldm	SmallDependenceEmphasis	0.693171296
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	280.0587963
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.456666667
wavelet-HHH	gldm	LargeDependenceEmphasis	2.933333333
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.034079523
wavelet-HHH	gldm	DependenceVariance	0.582222222
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1261.95
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023693843
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024848622
wavelet-HHH	glcm	JointAverage	19.23013541
wavelet-HHH	glcm	SumAverage	38.46027082
wavelet-HHH	glcm	JointEntropy	5.716394353
wavelet-HHH	glcm	ClusterShade	-257.6316111
wavelet-HHH	glcm	MaximumProbability	0.04065085
wavelet-HHH	glcm	Idmn	0.903004011
wavelet-HHH	glcm	JointEnergy	0.020356242
wavelet-HHH	glcm	Contrast	144.1991405
wavelet-HHH	glcm	DifferenceEntropy	3.893172613
wavelet-HHH	glcm	InverseVariance	0.099699973
wavelet-HHH	glcm	DifferenceVariance	43.02189811
wavelet-HHH	glcm	Idn	0.795501346
wavelet-HHH	glcm	Idm	0.10335829
wavelet-HHH	glcm	Correlation	-0.042929043
wavelet-HHH	glcm	Autocorrelation	367.2996005
wavelet-HHH	glcm	SumEntropy	4.279500213
wavelet-HHH	glcm	SumSquares	69.25174198
wavelet-HHH	glcm	ClusterProminence	46375.96555
wavelet-HHH	glcm	Imc2	0.998102175
wavelet-HHH	glcm	Imc1	-0.659440296

wavelet-HHH	glcm	DifferenceAverage	9.772809242
wavelet-HHH	glcm	Id	0.181732556
wavelet-HHH	glcm	ClusterTendency	132.8078274
wavelet-HHH	firstorder	InterquartileRange	288.9668201
wavelet-HHH	firstorder	Skewness	-0.206091219
wavelet-HHH	firstorder	Uniformity	0.058888889
wavelet-HHH	firstorder	Median	14.53870149
wavelet-HHH	firstorder	Energy	2268919.061
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	118.5505481
wavelet-HHH	firstorder	MeanAbsoluteDeviation	160.2260448
wavelet-HHH	firstorder	TotalEnergy	61260814.64
wavelet-HHH	firstorder	Maximum	359.4888491
wavelet-HHH	firstorder	RootMeanSquared	194.4616098
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wavelet-HHH	firstorder	Minimum	-472.7450038
wavelet-HHH	firstorder	Entropy	4.41064997
wavelet-HHH	firstorder	Range	832.233853
wavelet-HHH	firstorder	Variance	37801.94784
wavelet-HHH	firstorder	10Percentile	-242.7383943
wavelet-HHH	firstorder	Kurtosis	2.448126482
wavelet-HHH	firstorder	Mean	-3.65647879
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025220225
wavelet-HHH	glrlm	GrayLevelVariance	60.03841585
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.025281808
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.057743773
wavelet-HHH	glrlm	RunVariance	0.023184572
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.394035103
wavelet-HHH	glrlm	LongRunEmphasis	1.066238856
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	425.5112623
wavelet-HHH	glrlm	RunLengthNonUniformity	56.5253977
wavelet-HHH	glrlm	ShortRunEmphasis	0.984939761
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	461.8299633
wavelet-HHH	glrlm	RunPercentage	0.979487179
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.025588117
wavelet-HHH	glrlm	RunEntropy	4.490010821
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	432.6550445
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.666351607
wavelet-HHH	glszm	SizeZoneNonUniformity	30.65217391
wavelet-HHH	glszm	GrayLevelNonUniformity	2.173913043
wavelet-HHH	glszm	LargeAreaEmphasis	2.260869565
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	333.1008454
wavelet-HHH	glszm	ZonePercentage	0.766666667
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.037683811
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	938.0652174
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	419.9565217
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wavelet-HHH	glszm	ZoneEntropy	4.958344565
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.030686338
wavelet-HHH	ngtdm	Coarseness	0.045394637
wavelet-HHH	ngtdm	Complexity	2319.811428

wavelet-HHH	ngtdm	Strength	18.56264129
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wavelet-HHH	ngtdm	Busyness	0.04490223
wavelet-HLL	gldm	GrayLevelVariance	179.8388889
wavelet-HLL	gldm	HighGrayLevelEmphasis	2101.2
wavelet-HLL	gldm	DependenceEntropy	5.181727679
wavelet-HLL	gldm	DependenceNonUniformity	33.8
wavelet-HLL	gldm	GrayLevelNonUniformity	2.333333333
wavelet-HLL	gldm	SmallDependenceEmphasis	0.777430556
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	1562.130208
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.563333333
wavelet-HLL	gldm	LargeDependenceEmphasis	2.3
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01810811
wavelet-HLL	gldm	DependenceVariance	0.432222222
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5223
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017378676
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.017489276
wavelet-HLL	glcm	JointAverage	44.53137729
wavelet-HLL	glcm	SumAverage	89.06275458
wavelet-HLL	glcm	JointEntropy	5.812296372
wavelet-HLL	glcm	ClusterShade	-8547.7646
wavelet-HLL	glcm	MaximumProbability	0.031570813
wavelet-HLL	glcm	Idmn	0.938887445
wavelet-HLL	glcm	JointEnergy	0.01861818
wavelet-HLL	glcm	Contrast	390.6821485
wavelet-HLL	glcm	DifferenceEntropy	4.161289952
wavelet-HLL	glcm	InverseVariance	0.087163292
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wavelet-HLL	glcm	Idm	0.08238767
wavelet-HLL	glcm	Correlation	0.124458299
wavelet-HLL	glcm	Autocorrelation	2008.920064
wavelet-HLL	glcm	SumEntropy	4.579061512
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wavelet-HLL	glcm	ClusterProminence	820609.9151
wavelet-HLL	glcm	Imc2	0.999665401
wavelet-HLL	glcm	Imc1	-0.778047794
wavelet-HLL	glcm	DifferenceAverage	14.85651695
wavelet-HLL	glcm	Id	0.150982754
wavelet-HLL	glcm	ClusterTendency	492.8259209
wavelet-HLL	firstorder	InterquartileRange	411.055468
wavelet-HLL	firstorder	Skewness	-0.888789227
wavelet-HLL	firstorder	Uniformity	0.038888889
wavelet-HLL	firstorder	Median	75.75923996
wavelet-HLL	firstorder	Energy	6701533.592
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	167.0828631
wavelet-HLL	firstorder	MeanAbsoluteDeviation	256.0358042
wavelet-HLL	firstorder	TotalEnergy	180941407
wavelet-HLL	firstorder	Maximum	675.5838135
wavelet-HLL	firstorder	RootMeanSquared	334.2038697
wavelet-HLL	firstorder	90Percentile	362.4919708
wavelet-HLL	firstorder	Minimum	-1050.64545
wavelet-HLL	firstorder	Entropy	4.883822629
wavelet-HLL	firstorder	Range	1726.229263
wavelet-HLL	firstorder	Variance	111608.6274

wavelet-HLL	firstorder	10Percentile	-416.4064052
wavelet-HLL	firstorder	Kurtosis	3.937506034
wavelet-HLL	firstorder	Mean	9.143257568
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.017733248
wavelet-HLL	glrlm	GrayLevelVariance	181.0886406
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.017738579
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.038557432
wavelet-HLL	glrlm	RunVariance	0.014077102
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.281109531
wavelet-HLL	glrlm	LongRunEmphasis	1.043983086
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	2070.148888
wavelet-HLL	glrlm	RunLengthNonUniformity	57.52855422
wavelet-HLL	glrlm	ShortRunEmphasis	0.989004228
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	2202.699315
wavelet-HLL	glrlm	RunPercentage	0.985897436
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.017759904
wavelet-HLL	glrlm	RunEntropy	4.917859333
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	2096.658973
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.971845796
wavelet-HLL	glszm	GrayLevelVariance	194.65
wavelet-HLL	glszm	ZoneVariance	0.32
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.0368
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.7504
wavelet-HLL	glszm	SizeZoneNonUniformity	37.52
wavelet-HLL	glszm	GrayLevelNonUniformity	1.84
wavelet-HLL	glszm	LargeAreaEmphasis	1.76
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1765.233472
wavelet-HLL	glszm	ZonePercentage	0.833333333
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021249517
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3880.28
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	2035.06
wavelet-HLL	glszm	SmallAreaEmphasis	0.888472222
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.020889713
wavelet-HLL	glszm	ZoneEntropy	5.05366069
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020832572
wavelet-HLL	ngtdm	Coarseness	0.056813061
wavelet-HLL	ngtdm	Complexity	6111.536152
wavelet-HLL	ngtdm	Strength	57.82909284
wavelet-HLL	ngtdm	Contrast	2.772451962
wavelet-HLL	ngtdm	Busyness	0.014694112
wavelet-LHL	gldm	GrayLevelVariance	94.79888889
wavelet-LHL	gldm	HighGrayLevelEmphasis	493.4666667
wavelet-LHL	gldm	DependenceEntropy	5.115061012
wavelet-LHL	gldm	DependenceNonUniformity	25.03333333
wavelet-LHL	gldm	GrayLevelNonUniformity	3
wavelet-LHL	gldm	SmallDependenceEmphasis	0.632986111
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	332.8898148
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.417222222
wavelet-LHL	gldm	LargeDependenceEmphasis	3.1
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.052616437
wavelet-LHL	gldm	DependenceVariance	0.54
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1336.033333
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.042520452
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.04397819
wavelet-LHL	glcm	JointAverage	18.52877596

wavelet-LHL	glcm	SumAverage	37.05755192
wavelet-LHL	glcm	JointEntropy	5.772677031
wavelet-LHL	glcm	ClusterShade	1447.064289
wavelet-LHL	glcm	MaximumProbability	0.037657745
wavelet-LHL	glcm	Idmn	0.928430792
wavelet-LHL	glcm	JointEnergy	0.019391184
wavelet-LHL	glcm	Contrast	154.0654865
wavelet-LHL	glcm	DifferenceEntropy	3.875152084
wavelet-LHL	glcm	InverseVariance	0.07746816
wavelet-LHL	glcm	DifferenceVariance	47.57411141
wavelet-LHL	glcm	Idn	0.822685278
wavelet-LHL	glcm	Idm	0.094846307
wavelet-LHL	glcm	Correlation	0.21126504
wavelet-LHL	glcm	Autocorrelation	363.4707844
wavelet-LHL	glcm	SumEntropy	4.461907366
wavelet-LHL	glcm	SumSquares	96.69370545
wavelet-LHL	glcm	ClusterProminence	149580.8128
wavelet-LHL	glcm	Imc2	0.998661223
wavelet-LHL	glcm	Imc1	-0.684688954
wavelet-LHL	glcm	DifferenceAverage	10.00176215
wavelet-LHL	glcm	Id	0.176922984
wavelet-LHL	glcm	ClusterTendency	232.7093354
wavelet-LHL	firstorder	InterquartileRange	330.1883382
wavelet-LHL	firstorder	Skewness	0.050529282
wavelet-LHL	firstorder	Uniformity	0.05
wavelet-LHL	firstorder	Median	-84.99782464
wavelet-LHL	firstorder	Energy	4018650.406
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	136.7830458
wavelet-LHL	firstorder	MeanAbsoluteDeviation	195.5673325
wavelet-LHL	firstorder	TotalEnergy	108503561
wavelet-LHL	firstorder	Maximum	474.6046718
wavelet-LHL	firstorder	RootMeanSquared	258.800129
wavelet-LHL	firstorder	90Percentile	238.8642074
wavelet-LHL	firstorder	Minimum	-568.3721948
wavelet-LHL	firstorder	Entropy	4.525326379
wavelet-LHL	firstorder	Range	1042.976867
wavelet-LHL	firstorder	Variance	59421.81164
wavelet-LHL	firstorder	10Percentile	-375.1937731
wavelet-LHL	firstorder	Kurtosis	2.546420474
wavelet-LHL	firstorder	Mean	-86.92350156
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.044864581
wavelet-LHL	glrlm	GrayLevelVariance	96.06783268
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.044938307
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.049427932
wavelet-LHL	glrlm	RunVariance	0.023024192
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.898143253
wavelet-LHL	glrlm	LongRunEmphasis	1.072200632
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	487.9384107
wavelet-LHL	glrlm	RunLengthNonUniformity	55.96494834
wavelet-LHL	glrlm	ShortRunEmphasis	0.981949842
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	525.233677
wavelet-LHL	glrlm	RunPercentage	0.976923077
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.045233211
wavelet-LHL	glrlm	RunEntropy	4.586830224
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	495.397464

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.953951616
wavelet-LHL	glszm	GrayLevelVariance	114.9691725
wavelet-LHL	glszm	ZoneVariance	0.657652785
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.042725798
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.585722012
wavelet-LHL	glszm	SizeZoneNonUniformity	25.18604651
wavelet-LHL	glszm	GrayLevelNonUniformity	1.837209302
wavelet-LHL	glszm	LargeAreaEmphasis	2.604651163
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	427.1059432
wavelet-LHL	glszm	ZonePercentage	0.716666667
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.066477911
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1151.488372
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	524.3255814
wavelet-LHL	glszm	SmallAreaEmphasis	0.793565891
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.059717033
wavelet-LHL	glszm	ZoneEntropy	4.99010458
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.058941809
wavelet-LHL	ngtdm	Coarseness	0.062916439
wavelet-LHL	ngtdm	Complexity	2643.512755
wavelet-LHL	ngtdm	Strength	33.12768733
wavelet-LHL	ngtdm	Contrast	1.770092461
wavelet-LHL	ngtdm	Busyness	0.037669689
wavelet-LHH	gldm	GrayLevelVariance	43.08305556
wavelet-LHH	gldm	HighGrayLevelEmphasis	207.35
wavelet-LHH	gldm	DependenceEntropy	4.802479554
wavelet-LHH	gldm	DependenceNonUniformity	28.63333333
wavelet-LHH	gldm	GrayLevelNonUniformity	3.566666667
wavelet-LHH	gldm	SmallDependenceEmphasis	0.700925926
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	169.3185185
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.477222222
wavelet-LHH	gldm	LargeDependenceEmphasis	2.566666667
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.179200262
wavelet-LHH	gldm	DependenceVariance	0.415555556
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	438.8833333
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.031886526
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.060696302
wavelet-LHH	glcm	JointAverage	12.85607737
wavelet-LHH	glcm	SumAverage	25.71215473
wavelet-LHH	glcm	JointEntropy	5.768171808
wavelet-LHH	glcm	ClusterShade	296.7085442
wavelet-LHH	glcm	MaximumProbability	0.033498709
wavelet-LHH	glcm	Idmn	0.910578758
wavelet-LHH	glcm	JointEnergy	0.019221031
wavelet-LHH	glcm	Contrast	90.90788011
wavelet-LHH	glcm	DifferenceEntropy	3.678751535
wavelet-LHH	glcm	InverseVariance	0.133878216
wavelet-LHH	glcm	DifferenceVariance	29.36316124
wavelet-LHH	glcm	Idn	0.805314712
wavelet-LHH	glcm	Idm	0.119322756
wavelet-LHH	glcm	Correlation	-0.01440765
wavelet-LHH	glcm	Autocorrelation	164.6995657
wavelet-LHH	glcm	SumEntropy	4.170037764
wavelet-LHH	glcm	SumSquares	44.78705953
wavelet-LHH	glcm	ClusterProminence	23243.56633
wavelet-LHH	glcm	Imc2	0.99704153

wavelet-LHH	glcm	Imc1	-0.625294066
wavelet-LHH	glcm	DifferenceAverage	7.602698105
wavelet-LHH	glcm	Id	0.207208244
wavelet-LHH	glcm	ClusterTendency	88.240358
wavelet-LHH	firstorder	InterquartileRange	222.0105103
wavelet-LHH	firstorder	Skewness	0.406770914
wavelet-LHH	firstorder	Uniformity	0.059444444
wavelet-LHH	firstorder	Median	-0.667134991
wavelet-LHH	firstorder	Energy	1657397.581
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	89.60618688
wavelet-LHH	firstorder	MeanAbsoluteDeviation	130.6243226
wavelet-LHH	firstorder	TotalEnergy	44749734.7
wavelet-LHH	firstorder	Maximum	397.4956646
wavelet-LHH	firstorder	RootMeanSquared	166.2025662
wavelet-LHH	firstorder	90Percentile	265.1432828
wavelet-LHH	firstorder	Minimum	-297.7435483
wavelet-LHH	firstorder	Entropy	4.24371643
wavelet-LHH	firstorder	Range	695.239213
wavelet-LHH	firstorder	Variance	27545.51193
wavelet-LHH	firstorder	10Percentile	-180.9813447
wavelet-LHH	firstorder	Kurtosis	2.732060599
wavelet-LHH	firstorder	Mean	8.819358879
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.059067531
wavelet-LHH	glrlm	GrayLevelVariance	43.32222946
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.060248693
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.059214906
wavelet-LHH	glrlm	RunVariance	0.017922151
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.489497741
wavelet-LHH	glrlm	LongRunEmphasis	1.055717115
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	206.6619402
wavelet-LHH	glrlm	RunLengthNonUniformity	56.84406922
wavelet-LHH	glrlm	ShortRunEmphasis	0.986070721
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	216.3884568
wavelet-LHH	glrlm	RunPercentage	0.982051282
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.064973342
wavelet-LHH	glrlm	RunEntropy	4.295967368
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	208.6072435
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.964155698
wavelet-LHH	glszm	GrayLevelVariance	46.07876867
wavelet-LHH	glszm	ZoneVariance	0.327750113
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056586691
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.645993662
wavelet-LHH	glszm	SizeZoneNonUniformity	30.36170213
wavelet-LHH	glszm	GrayLevelNonUniformity	2.659574468
wavelet-LHH	glszm	LargeAreaEmphasis	1.957446809
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	208.9816785
wavelet-LHH	glszm	ZonePercentage	0.783333333
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.1287205
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	356.7446809
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	229.1914894
wavelet-LHH	glszm	SmallAreaEmphasis	0.831560284
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.052657246
wavelet-LHH	glszm	ZoneEntropy	4.713955341
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034519805
wavelet-LHH	ngtdm	Coarseness	0.061817268



wavelet-LHH	ngtdm	Complexity	1229.972169
wavelet-LHH	ngtdm	Strength	13.30052981
wavelet-LHH	ngtdm	Contrast	1.028955771
wavelet-LHH	ngtdm	Busyness	0.078211328
wavelet-LLH	gldm	GrayLevelVariance	426.1163889
wavelet-LLH	gldm	HighGrayLevelEmphasis	3541.616667
wavelet-LLH	gldm	DependenceEntropy	5.294309137
wavelet-LLH	gldm	DependenceNonUniformity	40.8
wavelet-LLH	gldm	GrayLevelNonUniformity	1.833333333
wavelet-LLH	gldm	SmallDependenceEmphasis	0.85
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	2945.491667
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.68
wavelet-LLH	gldm	LargeDependenceEmphasis	1.6
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017923095
wavelet-LLH	gldm	DependenceVariance	0.16
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5926.116667
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017504397
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.017588136
wavelet-LLH	glcm	JointAverage	55.55315862
wavelet-LLH	glcm	SumAverage	111.1063172
wavelet-LLH	glcm	JointEntropy	5.836102307
wavelet-LLH	glcm	ClusterShade	-6473.161697
wavelet-LLH	glcm	MaximumProbability	0.027066733
wavelet-LLH	glcm	Idmn	0.92963439
wavelet-LLH	glcm	JointEnergy	0.018227903
wavelet-LLH	glcm	Contrast	793.4678547
wavelet-LLH	glcm	DifferenceEntropy	4.359030232
wavelet-LLH	glcm	InverseVariance	0.051800128
wavelet-LLH	glcm	DifferenceVariance	282.9408429
wavelet-LLH	glcm	Idn	0.830125515
wavelet-LLH	glcm	Idm	0.046582124
wavelet-LLH	glcm	Correlation	0.068501966
wavelet-LLH	glcm	Autocorrelation	3132.958205
wavelet-LLH	glcm	SumEntropy	4.649306369
wavelet-LLH	glcm	SumSquares	442.1713903
wavelet-LLH	glcm	ClusterProminence	2598345.962
wavelet-LLH	glcm	Imc2	0.999879057
wavelet-LLH	glcm	Imc1	-0.835717106
wavelet-LLH	glcm	DifferenceAverage	21.65821615
wavelet-LLH	glcm	Id	0.105793912
wavelet-LLH	glcm	ClusterTendency	975.2177064
wavelet-LLH	firstorder	InterquartileRange	634.7666806
wavelet-LLH	firstorder	Skewness	-0.490390857
wavelet-LLH	firstorder	Uniformity	0.030555556
wavelet-LLH	firstorder	Median	56.43036495
wavelet-LLH	firstorder	Energy	16324533.82
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	297.5268635
wavelet-LLH	firstorder	MeanAbsoluteDeviation	417.6840463
wavelet-LLH	firstorder	TotalEnergy	440762413.1
wavelet-LLH	firstorder	Maximum	882.6873604
wavelet-LLH	firstorder	RootMeanSquared	521.6086307
wavelet-LLH	firstorder	90Percentile	540.5420055
wavelet-LLH	firstorder	Minimum	-1444.854471
wavelet-LLH	firstorder	Entropy	5.181727679
wavelet-LLH	firstorder	Range	2327.541831

wavelet-LLH	firstorder	Variance	267561.3498
wavelet-LLH	firstorder	10Percentile	-775.8732986
wavelet-LLH	firstorder	Kurtosis	2.823644565
wavelet-LLH	firstorder	Mean	-67.18789918
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017725991
wavelet-LLH	glrlm	GrayLevelVariance	424.9556502
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.01772945
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.030482376
wavelet-LLH	glrlm	RunVariance	0.007638962
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.815262139
wavelet-LLH	glrlm	LongRunEmphasis	1.024890364
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	3512.853874
wavelet-LLH	glrlm	RunLengthNonUniformity	58.68792225
wavelet-LLH	glrlm	ShortRunEmphasis	0.993777409
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3637.454235
wavelet-LLH	glrlm	RunPercentage	0.992307692
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.017743285
wavelet-LLH	glrlm	RunEntropy	5.190230709
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	3537.773946
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.984722076
wavelet-LLH	glszm	GrayLevelVariance	411.2496571
wavelet-LLH	glszm	ZoneVariance	0.098765432
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029492455
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.802469136
wavelet-LLH	glszm	SizeZoneNonUniformity	43.33333333
wavelet-LLH	glszm	GrayLevelNonUniformity	1.592592593
wavelet-LLH	glszm	LargeAreaEmphasis	1.333333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	3162.375
wavelet-LLH	glszm	ZonePercentage	0.9
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.019666432
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4818.277778
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	3493.555556
wavelet-LLH	glszm	SmallAreaEmphasis	0.916666667
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.019480344
wavelet-LLH	glszm	ZoneEntropy	5.29646366
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.019433822
wavelet-LLH	ngtdm	Coarseness	0.044246738
wavelet-LLH	ngtdm	Complexity	17046.63459
wavelet-LLH	ngtdm	Strength	90.22021569
wavelet-LLH	ngtdm	Contrast	7.518885139
wavelet-LLH	ngtdm	Busyness	0.01428515
wavelet-LLL	gldm	GrayLevelVariance	814.4941667
wavelet-LLL	gldm	HighGrayLevelEmphasis	2826.016667
wavelet-LLL	gldm	DependenceEntropy	5.548394346
wavelet-LLL	gldm	DependenceNonUniformity	49.2
wavelet-LLL	gldm	GrayLevelNonUniformity	1.533333333
wavelet-LLL	gldm	SmallDependenceEmphasis	0.925
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2735.666667
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.82
wavelet-LLL	gldm	LargeDependenceEmphasis	1.3
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021671288
wavelet-LLL	gldm	DependenceVariance	0.09
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3187.416667
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.021189494
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.021285853

wavelet-LLL	glcm	JointAverage	51.11402779
wavelet-LLL	glcm	SumAverage	102.2280556
wavelet-LLL	glcm	JointEntropy	5.865795495
wavelet-LLL	glcm	ClusterShade	23207.16963
wavelet-LLL	glcm	MaximumProbability	0.021655176
wavelet-LLL	glcm	Idmn	0.912063932
wavelet-LLL	glcm	JointEnergy	0.017661808
wavelet-LLL	glcm	Contrast	1395.49459
wavelet-LLL	glcm	DifferenceEntropy	4.510070585
wavelet-LLL	glcm	InverseVariance	0.029562599
wavelet-LLL	glcm	DifferenceVariance	415.9935179
wavelet-LLL	glcm	Idn	0.805014644
wavelet-LLL	glcm	Idm	0.025433066
wavelet-LLL	glcm	Correlation	0.240709956
wavelet-LLL	glcm	Autocorrelation	2810.745435
wavelet-LLL	glcm	SumEntropy	4.747217517
wavelet-LLL	glcm	SumSquares	893.8436415
wavelet-LLL	glcm	ClusterProminence	10706019.34
wavelet-LLL	glcm	Imc2	0.999940606
wavelet-LLL	glcm	Imc1	-0.873933256
wavelet-LLL	glcm	DifferenceAverage	30.23393013
wavelet-LLL	glcm	Id	0.073149473
wavelet-LLL	glcm	ClusterTendency	2179.879976
wavelet-LLL	firstorder	InterquartileRange	1075.311374
wavelet-LLL	firstorder	Skewness	0.572146026
wavelet-LLL	firstorder	Uniformity	0.025555556
wavelet-LLL	firstorder	Median	-1602.884109
wavelet-LLL	firstorder	Energy	155369442.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	451.6997817
wavelet-LLL	firstorder	MeanAbsoluteDeviation	600.0622514
wavelet-LLL	firstorder	TotalEnergy	4194974952
wavelet-LLL	firstorder	Maximum	228.273253
wavelet-LLL	firstorder	RootMeanSquared	1609.189458
wavelet-LLL	firstorder	90Percentile	-363.3988027
wavelet-LLL	firstorder	Minimum	-2540.517178
wavelet-LLL	firstorder	Entropy	5.456564762
wavelet-LLL	firstorder	Range	2768.790431
wavelet-LLL	firstorder	Variance	510226.3644
wavelet-LLL	firstorder	10Percentile	-2178.302594
wavelet-LLL	firstorder	Kurtosis	2.329480468
wavelet-LLL	firstorder	Mean	-1441.965446
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.021361174
wavelet-LLL	glrlm	GrayLevelVariance	816.5707879
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.021364985
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025467246
wavelet-LLL	glrlm	RunVariance	0.003842737
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.522270677
wavelet-LLL	glrlm	LongRunEmphasis	1.011868903
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2828.837985
wavelet-LLL	glrlm	RunLengthNonUniformity	59.32090995
wavelet-LLL	glrlm	ShortRunEmphasis	0.997032774
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2846.750671
wavelet-LLL	glrlm	RunPercentage	0.996153846
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.021380228
wavelet-LLL	glrlm	RunEntropy	5.464313733

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2832.420523
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.992314527
wavelet-LLL	glszm	GrayLevelVariance	841.8990459
wavelet-LLL	glszm	ZoneVariance	0.049861496
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024315174
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.900277008
wavelet-LLL	glszm	SizeZoneNonUniformity	51.31578947
wavelet-LLL	glszm	GrayLevelNonUniformity	1.385964912
wavelet-LLL	glszm	LargeAreaEmphasis	1.157894737
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2863.798246
wavelet-LLL	glszm	ZonePercentage	0.95
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022541401
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3101.561404
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2911.350877
wavelet-LLL	glszm	SmallAreaEmphasis	0.960526316
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.022338541
wavelet-LLL	glszm	ZoneEntropy	5.560788698
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.022287825
wavelet-LLL	ngtdm	Coarseness	0.034926679
wavelet-LLL	ngtdm	Complexity	36091.95121
wavelet-LLL	ngtdm	Strength	144.6619222
wavelet-LLL	ngtdm	Contrast	13.97025299
wavelet-LLL	ngtdm	Busyness	0.020119984
wavelet-HHL	gldm	GrayLevelVariance	63.86972222
wavelet-HHL	gldm	HighGrayLevelEmphasis	323.6166667
wavelet-HHL	gldm	DependenceEntropy	4.981727679
wavelet-HHL	gldm	DependenceNonUniformity	27.9
wavelet-HHL	gldm	GrayLevelNonUniformity	3.266666667
wavelet-HHL	gldm	SmallDependenceEmphasis	0.655555556
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	247.0509259
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.465
wavelet-HHL	gldm	LargeDependenceEmphasis	2.6
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.061477924
wavelet-HHL	gldm	DependenceVariance	0.35
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	671.5833333
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.039258671
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.043283073
wavelet-HHL	glcm	JointAverage	16.47539801
wavelet-HHL	glcm	SumAverage	32.95079602
wavelet-HHL	glcm	JointEntropy	5.751684107
wavelet-HHL	glcm	ClusterShade	484.4321951
wavelet-HHL	glcm	MaximumProbability	0.035921634
wavelet-HHL	glcm	Idmn	0.928416701
wavelet-HHL	glcm	JointEnergy	0.019673067
wavelet-HHL	glcm	Contrast	136.9425462
wavelet-HHL	glcm	DifferenceEntropy	3.765084041
wavelet-HHL	glcm	InverseVariance	0.115774586
wavelet-HHL	glcm	DifferenceVariance	49.37715852
wavelet-HHL	glcm	Idn	0.826748053
wavelet-HHL	glcm	Idm	0.110557773
wavelet-HHL	glcm	Correlation	-0.025621758
wavelet-HHL	glcm	Autocorrelation	271.2049787
wavelet-HHL	glcm	SumEntropy	4.271814768
wavelet-HHL	glcm	SumSquares	68.05451539
wavelet-HHL	glcm	ClusterProminence	56229.38344

wavelet-HHL	glcm	Imc2	0.998407367
wavelet-HHL	glcm	Imc1	-0.673260279
wavelet-HHL	glcm	DifferenceAverage	9.148529344
wavelet-HHL	glcm	Id	0.192905516
wavelet-HHL	glcm	ClusterTendency	135.2755154
wavelet-HHL	firstorder	InterquartileRange	265.7352263
wavelet-HHL	firstorder	Skewness	0.299044399
wavelet-HHL	firstorder	Uniformity	0.054444444
wavelet-HHL	firstorder	Median	2.563085224
wavelet-HHL	firstorder	Energy	2381260.765
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	105.8520106
wavelet-HHL	firstorder	MeanAbsoluteDeviation	154.0318734
wavelet-HHL	firstorder	TotalEnergy	64294040.64
wavelet-HHL	firstorder	Maximum	574.7795814
wavelet-HHL	firstorder	RootMeanSquared	199.2176684
wavelet-HHL	firstorder	90Percentile	204.5797632
wavelet-HHL	firstorder	Minimum	-392.0908715
wavelet-HHL	firstorder	Entropy	4.410383097
wavelet-HHL	firstorder	Range	966.870453
wavelet-HHL	firstorder	Variance	39638.52855
wavelet-HHL	firstorder	10Percentile	-279.6895526
wavelet-HHL	firstorder	Kurtosis	3.139816716
wavelet-HHL	firstorder	Mean	-7.010767681
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.043744102
wavelet-HHL	glrlm	GrayLevelVariance	64.31141352
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.043916143
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.054095576
wavelet-HHL	glrlm	RunVariance	0.019195929
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.183994322
wavelet-HHL	glrlm	LongRunEmphasis	1.059778036
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	322.42005
wavelet-HHL	glrlm	RunLengthNonUniformity	56.62189068
wavelet-HHL	glrlm	ShortRunEmphasis	0.985055491
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	338.8022063
wavelet-HHL	glrlm	RunPercentage	0.980769231
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.044604309
wavelet-HHL	glrlm	RunEntropy	4.465132489
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	325.6964812
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.961608142
wavelet-HHL	glszm	GrayLevelVariance	70.84246914
wavelet-HHL	glszm	ZoneVariance	0.355555556
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.047901235
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.582222222
wavelet-HHL	glszm	SizeZoneNonUniformity	26.2
wavelet-HHL	glszm	GrayLevelNonUniformity	2.155555556
wavelet-HHL	glszm	LargeAreaEmphasis	2.133333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	311.1123457
wavelet-HHL	glszm	ZonePercentage	0.75
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.066636263
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	602.8222222
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	358.3333333
wavelet-HHL	glszm	SmallAreaEmphasis	0.790740741
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.053877188
wavelet-HHL	glszm	ZoneEntropy	4.924969207
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.051386501

wavelet-HHL	ngtdm	Coarseness	0.058277649
wavelet-HHL	ngtdm	Complexity	1949.116576
wavelet-HHL	ngtdm	Strength	20.58526243
wavelet-HHL	ngtdm	Contrast	1.325130883
wavelet-HHL	ngtdm	Busyness	0.053533394
wavelet-HLH	gldm	GrayLevelVariance	230.7141667
wavelet-HLH	gldm	HighGrayLevelEmphasis	1188.616667
wavelet-HLH	gldm	DependenceEntropy	5.202479554
wavelet-HLH	gldm	DependenceNonUniformity	41.7
wavelet-HLH	gldm	GrayLevelNonUniformity	2.2
wavelet-HLH	gldm	SmallDependenceEmphasis	0.860185185
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	1069.607407
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.695
wavelet-HLH	gldm	LargeDependenceEmphasis	1.633333333
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.01980816
wavelet-HLH	gldm	DependenceVariance	0.193333333
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1710.95
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018778032
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.018960354
wavelet-HLH	glcm	JointAverage	31.42324631
wavelet-HLH	glcm	SumAverage	62.84649262
wavelet-HLH	glcm	JointEntropy	5.844122431
wavelet-HLH	glcm	ClusterShade	5213.893335
wavelet-HLH	glcm	MaximumProbability	0.026185405
wavelet-HLH	glcm	Idmn	0.935235261
wavelet-HLH	glcm	JointEnergy	0.018094326
wavelet-HLH	glcm	Contrast	511.9785715
wavelet-HLH	glcm	DifferenceEntropy	4.249979355
wavelet-HLH	glcm	InverseVariance	0.053937314
wavelet-HLH	glcm	DifferenceVariance	181.1827973
wavelet-HLH	glcm	Idn	0.835726479
wavelet-HLH	glcm	Idm	0.050940966
wavelet-HLH	glcm	Correlation	-0.053269994
wavelet-HLH	glcm	Autocorrelation	981.9911672
wavelet-HLH	glcm	SumEntropy	4.485236909
wavelet-HLH	glcm	SumSquares	248.9394349
wavelet-HLH	glcm	ClusterProminence	758147.4392
wavelet-HLH	glcm	Imc2	0.999816397
wavelet-HLH	glcm	Imc1	-0.810372258
wavelet-HLH	glcm	DifferenceAverage	17.56463189
wavelet-HLH	glcm	Id	0.118940434
wavelet-HLH	glcm	ClusterTendency	483.7791682
wavelet-HLH	firstorder	InterquartileRange	495.9360372
wavelet-HLH	firstorder	Skewness	0.806885384
wavelet-HLH	firstorder	Uniformity	0.036666667
wavelet-HLH	firstorder	Median	-49.29247815
wavelet-HLH	firstorder	Energy	8732105.282
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	202.3944271
wavelet-HLH	firstorder	MeanAbsoluteDeviation	297.9770323
wavelet-HLH	firstorder	TotalEnergy	235766842.6
wavelet-HLH	firstorder	Maximum	1254.197919
wavelet-HLH	firstorder	RootMeanSquared	381.4906133
wavelet-HLH	firstorder	90Percentile	506.1579766
wavelet-HLH	firstorder	Minimum	-717.2957899
wavelet-HLH	firstorder	Entropy	5.021567004

wavelet-HLH	firstorder	Range	1971.493709
wavelet-HLH	firstorder	Variance	144340.5338
wavelet-HLH	firstorder	10Percentile	-350.4198311
wavelet-HLH	firstorder	Kurtosis	3.788470052
wavelet-HLH	firstorder	Mean	34.56232372
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.019091287
wavelet-HLH	glrlm	GrayLevelVariance	232.2921521
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.019099104
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.036535401
wavelet-HLH	glrlm	RunVariance	0.007687786
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.175363036
wavelet-HLH	glrlm	LongRunEmphasis	1.023602931
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	1186.470544
wavelet-HLH	glrlm	RunLengthNonUniformity	58.63642494
wavelet-HLH	glrlm	ShortRunEmphasis	0.994099267
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	1211.108548
wavelet-HLH	glrlm	RunPercentage	0.992307692
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.019130373
wavelet-HLH	glrlm	RunEntropy	5.035963519
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	1191.398145
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.984624429
wavelet-HLH	glszm	GrayLevelVariance	252.9876543
wavelet-HLH	glszm	ZoneVariance	0.135802469
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.034979424
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.829218107
wavelet-HLH	glszm	SizeZoneNonUniformity	44.77777778
wavelet-HLH	glszm	GrayLevelNonUniformity	1.888888889
wavelet-HLH	glszm	LargeAreaEmphasis	1.37037037
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	1165.235082
wavelet-HLH	glszm	ZonePercentage	0.9
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.021420568
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1529.574074
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	1227.814815
wavelet-HLH	glszm	SmallAreaEmphasis	0.927983539
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.020919935
wavelet-HLH	glszm	ZoneEntropy	5.157393752
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020827699
wavelet-HLH	ngtdm	Coarseness	0.045467227
wavelet-HLH	ngtdm	Complexity	10646.15021
wavelet-HLH	ngtdm	Strength	57.70368743
wavelet-HLH	ngtdm	Contrast	3.986149017
wavelet-HLH	ngtdm	Busyness	0.02770357

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	16: RTSTRUCT: C99-DNU_B_segment_Tumor (1, 1, 1, 5, 8, 6)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	8ee41fdaecc9482d953734bd399d19c868ee569e
general	info	ImageHash	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	ImageSpacing	
general	info	MaskHash	5e666ca43e0f316bc2a2dcace68d277e9cbbb681
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	99
original	shape	Maximum3DDiameter	26.4952826
original	shape	Maximum2DDiameterSlice	16.97056275
original	shape	Sphericity	0.802388048
original	shape	MinorAxis	15.63024906
original	shape	Elongation	0.609399113
original	shape	SurfaceVolumeRatio	0.434276858
original	shape	Volume	2673
original	shape	MajorAxis	25.64862455
original	shape	SurfaceArea	1160.822042
original	shape	Flatness	0.386163754
original	shape	LeastAxis	9.904569144
original	shape	Maximum2DDiameterColumn	16.15549442
original	shape	Maximum2DDiameterRow	25.8069758
original	gldm	GrayLevelVariance	150.426079
original	gldm	HighGrayLevelEmphasis	866.3939394
original	gldm	DependenceEntropy	5.622803686
original	gldm	DependenceNonUniformity	48.83838384
original	gldm	GrayLevelNonUniformity	3.888888889
original	gldm	SmallDependenceEmphasis	0.727502806
original	gldm	SmallDependenceHighGrayLevelEmphasis	563.473931
original	gldm	DependenceNonUniformityNormalized	0.493317008
original	gldm	LargeDependenceEmphasis	4.050505051
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.020303989
original	gldm	DependenceVariance	1.405774921
original	gldm	LargeDependenceHighGrayLevelEmphasis	4616.878788
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.015764239
original	gldm	LowGrayLevelEmphasis	0.016366762
original	glcm	JointAverage	29.33855051



original	glcm	SumAverage	58.67710102
original	glcm	JointEntropy	6.597148813
original	glcm	ClusterShade	-2405.584576
original	glcm	MaximumProbability	0.027408226
original	glcm	Idmn	0.944838185
original	glcm	JointEnergy	0.01120329
original	glcm	Contrast	242.5218306
original	glcm	DifferenceEntropy	4.342963063
original	glcm	InverseVariance	0.128541789
original	glcm	DifferenceVariance	104.1540996
original	glcm	Idn	0.854483198
original	glcm	Idm	0.120223844
original	glcm	Correlation	0.11999913
original	glcm	Autocorrelation	878.8299179
original	glcm	SumEntropy	5.052429204
original	glcm	SumSquares	139.0540516
original	glcm	ClusterProminence	310915.2618
original	glcm	Imc2	0.998654164
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original	glcm	DifferenceAverage	11.55144204
original	glcm	Id	0.193180874
original	glcm	ClusterTendency	313.6943757
original	firstorder	InterquartileRange	453
original	firstorder	Skewness	-0.262264386
original	firstorder	Uniformity	0.039281706
original	firstorder	Median	-156
original	firstorder	Energy	14025431
original	firstorder	RobustMeanAbsoluteDeviation	187.3581157
original	firstorder	MeanAbsoluteDeviation	251.0921335
original	firstorder	TotalEnergy	378686637
original	firstorder	Maximum	606
original	firstorder	RootMeanSquared	376.3921096
original	firstorder	90Percentile	59.2
original	firstorder	Minimum	-875
original	firstorder	Entropy	4.990609934
original	firstorder	Range	1481
original	firstorder	Variance	93648.06081
original	firstorder	10Percentile	-700.8
original	firstorder	Kurtosis	2.614118928
original	firstorder	Mean	-219.1414141
original	glrlm	ShortRunLowGrayLevelEmphasis	0.016702833
original	glrlm	GrayLevelVariance	151.7401869
original	glrlm	LowGrayLevelRunEmphasis	0.01673271
original	glrlm	GrayLevelNonUniformityNormalized	0.038009004
original	glrlm	RunVariance	0.024062801
original	glrlm	GrayLevelNonUniformity	3.672714402
original	glrlm	LongRunEmphasis	1.07437946
original	glrlm	ShortRunHighGrayLevelEmphasis	836.3579648
original	glrlm	RunLengthNonUniformity	91.98596743
original	glrlm	ShortRunEmphasis	0.981405135
original	glrlm	LongRunHighGrayLevelEmphasis	946.7507055
original	glrlm	RunPercentage	0.975912976
original	glrlm	LongRunLowGrayLevelEmphasis	0.016852218
original	glrlm	RunEntropy	5.09620068
original	glrlm	HighGrayLevelRunEmphasis	858.436513

original	glrlm	RunLengthNonUniformityNormalized	0.951874398
original	glszm	GrayLevelVariance	161.9421433
original	glszm	ZoneVariance	0.658284024
original	glszm	GrayLevelNonUniformityNormalized	0.032215648
original	glszm	SizeZoneNonUniformityNormalized	0.72748192
original	glszm	SizeZoneNonUniformity	56.74358974
original	glszm	GrayLevelNonUniformity	2.512820513
original	glszm	LargeAreaEmphasis	2.269230769
original	glszm	SmallAreaHighGrayLevelEmphasis	664.8968519
original	glszm	ZonePercentage	0.787878788
original	glszm	LargeAreaLowGrayLevelEmphasis	0.022226226
original	glszm	LargeAreaHighGrayLevelEmphasis	2298.320513
original	glszm	HighGrayLevelZoneEmphasis	795.9487179
original	glszm	SmallAreaEmphasis	0.875512821
original	glszm	LowGrayLevelZoneEmphasis	0.020230475
original	glszm	ZoneEntropy	5.437466764
original	glszm	SmallAreaLowGrayLevelEmphasis	0.01988754
original	ngtdm	Coarseness	0.045394094
original	ngtdm	Complexity	5866.883644
original	ngtdm	Strength	36.72264162
original	ngtdm	Contrast	1.536949873
original	ngtdm	Busyness	0.019783563
wavelet-HHH	gldm	GrayLevelVariance	42.69605142
wavelet-HHH	gldm	HighGrayLevelEmphasis	319.4646465
wavelet-HHH	gldm	DependenceEntropy	5.356234398
wavelet-HHH	gldm	DependenceNonUniformity	43.88888889
wavelet-HHH	gldm	GrayLevelNonUniformity	4.737373737
wavelet-HHH	gldm	SmallDependenceEmphasis	0.660634119
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	228.4287318
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.44332211
wavelet-HHH	gldm	LargeDependenceEmphasis	2.898989899
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.030264713
wavelet-HHH	gldm	DependenceVariance	0.510560147
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	837.7272727
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018022565
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.019970394
wavelet-HHH	glcm	JointAverage	16.54534394
wavelet-HHH	glcm	SumAverage	33.09068788
wavelet-HHH	glcm	JointEntropy	6.606591975
wavelet-HHH	glcm	ClusterShade	-60.27930501
wavelet-HHH	glcm	MaximumProbability	0.023076749
wavelet-HHH	glcm	Idmn	0.925969317
wavelet-HHH	glcm	JointEnergy	0.010968068
wavelet-HHH	glcm	Contrast	87.10449837
wavelet-HHH	glcm	DifferenceEntropy	3.904287732
wavelet-HHH	glcm	InverseVariance	0.121407655
wavelet-HHH	glcm	DifferenceVariance	26.54754229
wavelet-HHH	glcm	Idn	0.819839033
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wavelet-HHH	glcm	Correlation	-0.046849229
wavelet-HHH	glcm	Autocorrelation	271.9861082
wavelet-HHH	glcm	SumEntropy	4.610641583
wavelet-HHH	glcm	SumSquares	41.6887344
wavelet-HHH	glcm	ClusterProminence	17469.36596
wavelet-HHH	glcm	Imc2	0.995061098

wavelet-HHH	glcm	Imc1	-0.523180658
wavelet-HHH	glcm	DifferenceAverage	7.534050567
wavelet-HHH	glcm	Id	0.204910864
wavelet-HHH	glcm	ClusterTendency	79.65043923
wavelet-HHH	firstorder	InterquartileRange	224.329929
wavelet-HHH	firstorder	Skewness	-0.161407594
wavelet-HHH	firstorder	Uniformity	0.04785226
wavelet-HHH	firstorder	Median	3.963701704
wavelet-HHH	firstorder	Energy	2625745.701
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	92.71242242
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wavelet-HHH	firstorder	TotalEnergy	70895133.93
wavelet-HHH	firstorder	Maximum	359.0765791
wavelet-HHH	firstorder	RootMeanSquared	162.8578639
wavelet-HHH	firstorder	90Percentile	219.7136175
wavelet-HHH	firstorder	Minimum	-380.9262747
wavelet-HHH	firstorder	Entropy	4.548677107
wavelet-HHH	firstorder	Range	740.0028538
wavelet-HHH	firstorder	Variance	26513.02052
wavelet-HHH	firstorder	10Percentile	-219.7370182
wavelet-HHH	firstorder	Kurtosis	2.590551361
wavelet-HHH	firstorder	Mean	3.108589994
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020192347
wavelet-HHH	glrlm	GrayLevelVariance	43.08367999
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.020282702
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.047708497
wavelet-HHH	glrlm	RunVariance	0.02095306
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.624177964
wavelet-HHH	glrlm	LongRunEmphasis	1.065013344
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	316.0821883
wavelet-HHH	glrlm	RunLengthNonUniformity	92.90626535
wavelet-HHH	glrlm	ShortRunEmphasis	0.983746664
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	338.1656451
wavelet-HHH	glrlm	RunPercentage	0.979020979
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.020644119
wavelet-HHH	glrlm	RunEntropy	4.619159648
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	320.4988797
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.958093881
wavelet-HHH	glszm	GrayLevelVariance	48.13221329
wavelet-HHH	glszm	ZoneVariance	0.439919649
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.045288532
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.603725347
wavelet-HHH	glszm	SizeZoneNonUniformity	44.67567568
wavelet-HHH	glszm	GrayLevelNonUniformity	3.351351351
wavelet-HHH	glszm	LargeAreaEmphasis	2.22972973
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	284.1865616
wavelet-HHH	glszm	ZonePercentage	0.747474747
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.031639406
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	676.2567568
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	335.2972973
wavelet-HHH	glszm	SmallAreaEmphasis	0.805649399
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.02479501
wavelet-HHH	glszm	ZoneEntropy	5.154870933
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023655295
wavelet-HHH	ngtdm	Coarseness	0.046947412

wavelet-HHH	ngtdm	Complexity	1678.419397
wavelet-HHH	ngtdm	Strength	11.76616792
wavelet-HHH	ngtdm	Contrast	0.636337189
wavelet-HHH	ngtdm	Busyness	0.058709907
wavelet-HLL	gldm	GrayLevelVariance	148.107336
wavelet-HLL	gldm	HighGrayLevelEmphasis	968.7272727
wavelet-HLL	gldm	DependenceEntropy	5.591033514
wavelet-HLL	gldm	DependenceNonUniformity	46.15151515
wavelet-HLL	gldm	GrayLevelNonUniformity	3
wavelet-HLL	gldm	SmallDependenceEmphasis	0.685746352
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	634.4938272
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.466176921
wavelet-HLL	gldm	LargeDependenceEmphasis	2.616161616
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017269479
wavelet-HLL	gldm	DependenceVariance	0.411386593
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2726.222222
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013527409
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014170671
wavelet-HLL	glcm	JointAverage	28.13678437
wavelet-HLL	glcm	SumAverage	56.27356874
wavelet-HLL	glcm	JointEntropy	6.696017053
wavelet-HLL	glcm	ClusterShade	-204.0655848
wavelet-HLL	glcm	MaximumProbability	0.018469844
wavelet-HLL	glcm	Idmn	0.927730517
wavelet-HLL	glcm	JointEnergy	0.010133459
wavelet-HLL	glcm	Contrast	216.09303
wavelet-HLL	glcm	DifferenceEntropy	4.291157288
wavelet-HLL	glcm	InverseVariance	0.095496911
wavelet-HLL	glcm	DifferenceVariance	67.99851039
wavelet-HLL	glcm	Idn	0.827577569
wavelet-HLL	glcm	Idm	0.091558779
wavelet-HLL	glcm	Correlation	0.259302051
wavelet-HLL	glcm	Autocorrelation	828.3070256
wavelet-HLL	glcm	SumEntropy	5.139071094
wavelet-HLL	glcm	SumSquares	143.9483074
wavelet-HLL	glcm	ClusterProminence	280351.1149
wavelet-HLL	glcm	Imc2	0.999542749
wavelet-HLL	glcm	Imc1	-0.694795624
wavelet-HLL	glcm	DifferenceAverage	11.46467348
wavelet-HLL	glcm	Id	0.168883998
wavelet-HLL	glcm	ClusterTendency	359.7001998
wavelet-HLL	firstorder	InterquartileRange	523.5405897
wavelet-HLL	firstorder	Skewness	-0.19812744
wavelet-HLL	firstorder	Uniformity	0.03030303
wavelet-HLL	firstorder	Median	-64.99480659
wavelet-HLL	firstorder	Energy	9699335.611
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	206.4903397
wavelet-HLL	firstorder	MeanAbsoluteDeviation	262.7871434
wavelet-HLL	firstorder	TotalEnergy	261882061.5
wavelet-HLL	firstorder	Maximum	441.7338557
wavelet-HLL	firstorder	RootMeanSquared	313.0065287
wavelet-HLL	firstorder	90Percentile	318.2085209
wavelet-HLL	firstorder	Minimum	-750.5737667
wavelet-HLL	firstorder	Entropy	5.216089923
wavelet-HLL	firstorder	Range	1192.307622

wavelet-HLL	firstorder	Variance	92914.25026
wavelet-HLL	firstorder	10Percentile	-454.4114268
wavelet-HLL	firstorder	Kurtosis	2.007848112
wavelet-HLL	firstorder	Mean	-71.1254998
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.014376664
wavelet-HLL	glrlm	GrayLevelVariance	148.5488256
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.014404992
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.030218721
wavelet-HLL	glrlm	RunVariance	0.018627892
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.935981255
wavelet-HLL	glrlm	LongRunEmphasis	1.057603112
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	951.0517263
wavelet-HLL	glrlm	RunLengthNonUniformity	93.57103617
wavelet-HLL	glrlm	ShortRunEmphasis	0.985599222
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1028.786259
wavelet-HLL	glrlm	RunPercentage	0.981351981
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.014518305
wavelet-HLL	glrlm	RunEntropy	5.261431967
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	966.5986327
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.962744216
wavelet-HLL	glszm	GrayLevelVariance	156.4415584
wavelet-HLL	glszm	ZoneVariance	0.307977737
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.029178614
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.622870636
wavelet-HLL	glszm	SizeZoneNonUniformity	47.96103896
wavelet-HLL	glszm	GrayLevelNonUniformity	2.246753247
wavelet-HLL	glszm	LargeAreaEmphasis	1.961038961
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	748.1190476
wavelet-HLL	glszm	ZonePercentage	0.777777778
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019495957
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1975.012987
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	940.4415584
wavelet-HLL	glszm	SmallAreaEmphasis	0.817460317
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017648491
wavelet-HLL	glszm	ZoneEntropy	5.532639463
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017261422
wavelet-HLL	ngtdm	Coarseness	0.04969368
wavelet-HLL	ngtdm	Complexity	5536.214119
wavelet-HLL	ngtdm	Strength	39.81846128
wavelet-HLL	ngtdm	Contrast	1.195302708
wavelet-HLL	ngtdm	Busyness	0.019084618
wavelet-LHL	gldm	GrayLevelVariance	81.64554637
wavelet-LHL	gldm	HighGrayLevelEmphasis	943.8686869
wavelet-LHL	gldm	DependenceEntropy	5.533100812
wavelet-LHL	gldm	DependenceNonUniformity	38.17171717
wavelet-LHL	gldm	GrayLevelNonUniformity	4.131313131
wavelet-LHL	gldm	SmallDependenceEmphasis	0.617213805
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	639.4501964
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.385572901
wavelet-LHL	gldm	LargeDependenceEmphasis	3.545454545
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015687139
wavelet-LHL	gldm	DependenceVariance	0.699928579
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2881.343434
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010946561
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011599459

wavelet-LHL	glcm	JointAverage	28.72570077
wavelet-LHL	glcm	SumAverage	57.45140155
wavelet-LHL	glcm	JointEntropy	6.616020208
wavelet-LHL	glcm	ClusterShade	768.3058902
wavelet-LHL	glcm	MaximumProbability	0.021333109
wavelet-LHL	glcm	Idmn	0.954460163
wavelet-LHL	glcm	JointEnergy	0.010947923
wavelet-LHL	glcm	Contrast	146.2107511
wavelet-LHL	glcm	DifferenceEntropy	4.099879137
wavelet-LHL	glcm	InverseVariance	0.14620896
wavelet-LHL	glcm	DifferenceVariance	56.87483536
wavelet-LHL	glcm	Idn	0.865796048
wavelet-LHL	glcm	Idm	0.131908088
wavelet-LHL	glcm	Correlation	0.158280245
wavelet-LHL	glcm	Autocorrelation	838.1854478
wavelet-LHL	glcm	SumEntropy	4.901268924
wavelet-LHL	glcm	SumSquares	85.83935573
wavelet-LHL	glcm	ClusterProminence	137009.8968
wavelet-LHL	glcm	Imc2	0.99845625
wavelet-LHL	glcm	Imc1	-0.620839821
wavelet-LHL	glcm	DifferenceAverage	8.994734423
wavelet-LHL	glcm	Id	0.212211909
wavelet-LHL	glcm	ClusterTendency	197.1466718
wavelet-LHL	firstorder	InterquartileRange	277.7851018
wavelet-LHL	firstorder	Skewness	0.155315007
wavelet-LHL	firstorder	Uniformity	0.041730436
wavelet-LHL	firstorder	Median	-145.5285739
wavelet-LHL	firstorder	Energy	6623583.026
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	111.7516696
wavelet-LHL	firstorder	MeanAbsoluteDeviation	171.5286331
wavelet-LHL	firstorder	TotalEnergy	178836741.7
wavelet-LHL	firstorder	Maximum	440.6515827
wavelet-LHL	firstorder	RootMeanSquared	258.6597747
wavelet-LHL	firstorder	90Percentile	150.1670047
wavelet-LHL	firstorder	Minimum	-827.6953619
wavelet-LHL	firstorder	Entropy	4.83434049
wavelet-LHL	firstorder	Range	1268.346945
wavelet-LHL	firstorder	Variance	50508.09855
wavelet-LHL	firstorder	10Percentile	-381.4434595
wavelet-LHL	firstorder	Kurtosis	3.456229264
wavelet-LHL	firstorder	Mean	-128.0499141
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011838492
wavelet-LHL	glrlm	GrayLevelVariance	82.62048772
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.011872266
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.041146747
wavelet-LHL	glrlm	RunVariance	0.026374734
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.966084127
wavelet-LHL	glrlm	LongRunEmphasis	1.082203302
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	932.6726671
wavelet-LHL	glrlm	RunLengthNonUniformity	91.34849485
wavelet-LHL	glrlm	ShortRunEmphasis	0.979449175
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1012.08494
wavelet-LHL	glrlm	RunPercentage	0.973581974
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.012007359
wavelet-LHL	glrlm	RunEntropy	4.927843116

wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	948.5551217
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.947250531
wavelet-LHL	glszm	GrayLevelVariance	93.73387755
wavelet-LHL	glszm	ZoneVariance	0.785510204
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.035510204
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.584081633
wavelet-LHL	glszm	SizeZoneNonUniformity	40.88571429
wavelet-LHL	glszm	GrayLevelNonUniformity	2.485714286
wavelet-LHL	glszm	LargeAreaEmphasis	2.785714286
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	839.3958333
wavelet-LHL	glszm	ZonePercentage	0.707070707
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.018535083
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2390.214286
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1009.228571
wavelet-LHL	glszm	SmallAreaEmphasis	0.79265873
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.01571317
wavelet-LHL	glszm	ZoneEntropy	5.422000517
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015342663
wavelet-LHL	ngtdm	Coarseness	0.056030875
wavelet-LHL	ngtdm	Complexity	2949.75307
wavelet-LHL	ngtdm	Strength	27.51690679
wavelet-LHL	ngtdm	Contrast	0.800491128
wavelet-LHL	ngtdm	Busyness	0.02336158
wavelet-LHH	gldm	GrayLevelVariance	29.78104275
wavelet-LHH	gldm	HighGrayLevelEmphasis	182.1414141
wavelet-LHH	gldm	DependenceEntropy	5.228666817
wavelet-LHH	gldm	DependenceNonUniformity	39.4040404
wavelet-LHH	gldm	GrayLevelNonUniformity	5.98989899
wavelet-LHH	gldm	SmallDependenceEmphasis	0.62191358
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	125.1820988
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.39802061
wavelet-LHH	gldm	LargeDependenceEmphasis	3.323232323
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.05072414
wavelet-LHH	gldm	DependenceVariance	0.612386491
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	511.5555556
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018041661
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.022779123
wavelet-LHH	glcm	JointAverage	12.51474469
wavelet-LHH	glcm	SumAverage	25.02948937
wavelet-LHH	glcm	JointEntropy	6.490563549
wavelet-LHH	glcm	ClusterShade	259.6084517
wavelet-LHH	glcm	MaximumProbability	0.022920661
wavelet-LHH	glcm	Idmn	0.943387851
wavelet-LHH	glcm	JointEnergy	0.012112669
wavelet-LHH	glcm	Contrast	69.56352217
wavelet-LHH	glcm	DifferenceEntropy	3.793656823
wavelet-LHH	glcm	InverseVariance	0.146788012
wavelet-LHH	glcm	DifferenceVariance	24.15328235
wavelet-LHH	glcm	Idn	0.842969115
wavelet-LHH	glcm	Idm	0.134177907
wavelet-LHH	glcm	Correlation	-0.023845552
wavelet-LHH	glcm	Autocorrelation	155.8038689
wavelet-LHH	glcm	SumEntropy	4.438482558
wavelet-LHH	glcm	SumSquares	33.96008121
wavelet-LHH	glcm	ClusterProminence	15533.25917

wavelet-LHH	glcm	Imc2	0.990413968
wavelet-LHH	glcm	Imc1	-0.478699253
wavelet-LHH	glcm	DifferenceAverage	6.568875609
wavelet-LHH	glcm	Id	0.226910933
wavelet-LHH	glcm	ClusterTendency	66.27680268
wavelet-LHH	firstorder	InterquartileRange	150.0101886
wavelet-LHH	firstorder	Skewness	0.568552325
wavelet-LHH	firstorder	Uniformity	0.06050403
wavelet-LHH	firstorder	Median	-7.459750291
wavelet-LHH	firstorder	Energy	1823290.949
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	73.57270779
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.0228143
wavelet-LHH	firstorder	TotalEnergy	49228855.63
wavelet-LHH	firstorder	Maximum	497.0749039
wavelet-LHH	firstorder	RootMeanSquared	135.7095439
wavelet-LHH	firstorder	90Percentile	178.1289662
wavelet-LHH	firstorder	Minimum	-296.9991187
wavelet-LHH	firstorder	Entropy	4.230233142
wavelet-LHH	firstorder	Range	794.0740226
wavelet-LHH	firstorder	Variance	18397.91699
wavelet-LHH	firstorder	10Percentile	-179.6203419
wavelet-LHH	firstorder	Kurtosis	3.815130106
wavelet-LHH	firstorder	Mean	-4.377591441
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022816078
wavelet-LHH	glrlm	GrayLevelVariance	30.1667195
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.023052145
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.060109399
wavelet-LHH	glrlm	RunVariance	0.024816733
wavelet-LHH	glrlm	GrayLevelNonUniformity	5.802980137
wavelet-LHH	glrlm	LongRunEmphasis	1.077409961
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	180.2646741
wavelet-LHH	glrlm	RunLengthNonUniformity	91.80136515
wavelet-LHH	glrlm	ShortRunEmphasis	0.98064751
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	194.3573741
wavelet-LHH	glrlm	RunPercentage	0.975135975
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.023996411
wavelet-LHH	glrlm	RunEntropy	4.333208474
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	183.0832141
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.950366534
wavelet-LHH	glszm	GrayLevelVariance	34.87839714
wavelet-LHH	glszm	ZoneVariance	0.605038683
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055346161
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.573497322
wavelet-LHH	glszm	SizeZoneNonUniformity	40.71830986
wavelet-LHH	glszm	GrayLevelNonUniformity	3.929577465
wavelet-LHH	glszm	LargeAreaEmphasis	2.549295775
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	162.5511894
wavelet-LHH	glszm	ZonePercentage	0.717171717
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.047969511
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	404
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	196.6338028
wavelet-LHH	glszm	SmallAreaEmphasis	0.785872457
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.026687751
wavelet-LHH	glszm	ZoneEntropy	5.066735106
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024045343



wavelet-LHH	ngtdm	Coarseness	0.046358852
wavelet-LHH	ngtdm	Complexity	1015.624937
wavelet-LHH	ngtdm	Strength	9.099708813
wavelet-LHH	ngtdm	Contrast	0.542066467
wavelet-LHH	ngtdm	Busyness	0.107919673
wavelet-LLH	gldm	GrayLevelVariance	481.046832
wavelet-LLH	gldm	HighGrayLevelEmphasis	4542.212121
wavelet-LLH	gldm	DependenceEntropy	5.891785408
wavelet-LLH	gldm	DependenceNonUniformity	48.05050505
wavelet-LLH	gldm	GrayLevelNonUniformity	2.636363636
wavelet-LLH	gldm	SmallDependenceEmphasis	0.718434343
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	3423.976431
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.485358637
wavelet-LLH	gldm	LargeDependenceEmphasis	2.757575758
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011148519
wavelet-LLH	gldm	DependenceVariance	0.552800735
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	11530.27273
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010545234
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010633725
wavelet-LLH	glcm	JointAverage	66.07377087
wavelet-LLH	glcm	SumAverage	132.1475417
wavelet-LLH	glcm	JointEntropy	6.710778589
wavelet-LLH	glcm	ClusterShade	-5988.704931
wavelet-LLH	glcm	MaximumProbability	0.019698605
wavelet-LLH	glcm	Idmn	0.942155513
wavelet-LLH	glcm	JointEnergy	0.01003496
wavelet-LLH	glcm	Contrast	958.2486613
wavelet-LLH	glcm	DifferenceEntropy	4.585317608
wavelet-LLH	glcm	InverseVariance	0.095661262
wavelet-LLH	glcm	DifferenceVariance	484.459606
wavelet-LLH	glcm	Idn	0.868585861
wavelet-LLH	glcm	Idm	0.08968519
wavelet-LLH	glcm	Correlation	-0.137439885
wavelet-LLH	glcm	Autocorrelation	4314.36383
wavelet-LLH	glcm	SumEntropy	5.064852731
wavelet-LLH	glcm	SumSquares	427.0384327
wavelet-LLH	glcm	ClusterProminence	3686596.037
wavelet-LLH	glcm	Imc2	0.999743941
wavelet-LLH	glcm	Imc1	-0.723899727
wavelet-LLH	glcm	DifferenceAverage	20.01520467
wavelet-LLH	glcm	Id	0.157843167
wavelet-LLH	glcm	ClusterTendency	749.9050696
wavelet-LLH	firstorder	InterquartileRange	403.9551842
wavelet-LLH	firstorder	Skewness	-0.333605106
wavelet-LLH	firstorder	Uniformity	0.026629936
wavelet-LLH	firstorder	Median	-137.9492381
wavelet-LLH	firstorder	Energy	31900431.76
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	218.0616052
wavelet-LLH	firstorder	MeanAbsoluteDeviation	384.601144
wavelet-LLH	firstorder	TotalEnergy	861311657.6
wavelet-LLH	firstorder	Maximum	1019.634471
wavelet-LLH	firstorder	RootMeanSquared	567.6500537
wavelet-LLH	firstorder	90Percentile	692.2916149
wavelet-LLH	firstorder	Minimum	-1719.426754
wavelet-LLH	firstorder	Entropy	5.486341312

wavelet-LLH	firstorder	Range	2739.061225
wavelet-LLH	firstorder	Variance	301378.8197
wavelet-LLH	firstorder	10Percentile	-996.2657972
wavelet-LLH	firstorder	Kurtosis	3.554816387
wavelet-LLH	firstorder	Mean	-144.3875473
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.010828358
wavelet-LLH	glrlm	GrayLevelVariance	488.606226
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.010832464
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.026235274
wavelet-LLH	glrlm	RunVariance	0.023536878
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.549280484
wavelet-LLH	glrlm	LongRunEmphasis	1.0626102
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	4500.675866
wavelet-LLH	glrlm	RunLengthNonUniformity	93.85567748
wavelet-LLH	glrlm	ShortRunEmphasis	0.986649005
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	4805.266564
wavelet-LLH	glrlm	RunPercentage	0.981351981
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.010850877
wavelet-LLH	glrlm	RunEntropy	5.544058522
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	4553.080094
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.965706131
wavelet-LLH	glszm	GrayLevelVariance	583.7523011
wavelet-LLH	glszm	ZoneVariance	0.427514793
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.022024984
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.68869165
wavelet-LLH	glszm	SizeZoneNonUniformity	53.71794872
wavelet-LLH	glszm	GrayLevelNonUniformity	1.717948718
wavelet-LLH	glszm	LargeAreaEmphasis	2.038461538
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	4118.060897
wavelet-LLH	glszm	ZonePercentage	0.787878788
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.013718038
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	8883.269231
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	4687.961538
wavelet-LLH	glszm	SmallAreaEmphasis	0.855235043
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01341422
wavelet-LLH	glszm	ZoneEntropy	5.846111674
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013366487
wavelet-LLH	ngtdm	Coarseness	0.033612617
wavelet-LLH	ngtdm	Complexity	32098.14878
wavelet-LLH	ngtdm	Strength	79.36130569
wavelet-LLH	ngtdm	Contrast	5.742219333
wavelet-LLH	ngtdm	Busyness	0.010680514
wavelet-LLL	gldm	GrayLevelVariance	618.2928273
wavelet-LLL	gldm	HighGrayLevelEmphasis	2563.191919
wavelet-LLL	gldm	DependenceEntropy	5.934862807
wavelet-LLL	gldm	DependenceNonUniformity	54.71717172
wavelet-LLL	gldm	GrayLevelNonUniformity	2.232323232
wavelet-LLL	gldm	SmallDependenceEmphasis	0.760942761
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1958.464646
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.552698704
wavelet-LLL	gldm	LargeDependenceEmphasis	2.090909091
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021179132
wavelet-LLL	gldm	DependenceVariance	0.286093256
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5419.676768
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016725048

wavelet-LLL	gldm	LowGrayLevelEmphasis	0.017607574
wavelet-LLL	glcm	JointAverage	49.73761955
wavelet-LLL	glcm	SumAverage	99.47523909
wavelet-LLL	glcm	JointEntropy	6.742334512
wavelet-LLL	glcm	ClusterShade	-6341.922756
wavelet-LLL	glcm	MaximumProbability	0.017715697
wavelet-LLL	glcm	Idmn	0.911643114
wavelet-LLL	glcm	JointEnergy	0.009743847
wavelet-LLL	glcm	Contrast	865.4352648
wavelet-LLL	glcm	DifferenceEntropy	4.873223272
wavelet-LLL	glcm	InverseVariance	0.036750996
wavelet-LLL	glcm	DifferenceVariance	248.000715
wavelet-LLL	glcm	Idn	0.80388546
wavelet-LLL	glcm	Idm	0.046383565
wavelet-LLL	glcm	Correlation	0.275165608
wavelet-LLL	glcm	Autocorrelation	2635.211237
wavelet-LLL	glcm	SumEntropy	5.428365582
wavelet-LLL	glcm	SumSquares	592.3710578
wavelet-LLL	glcm	ClusterProminence	4972396.689
wavelet-LLL	glcm	Imc2	0.999897909
wavelet-LLL	glcm	Imc1	-0.776310244
wavelet-LLL	glcm	DifferenceAverage	23.89274562
wavelet-LLL	glcm	Id	0.099143721
wavelet-LLL	glcm	ClusterTendency	1504.048966
wavelet-LLL	firstorder	InterquartileRange	980.4610068
wavelet-LLL	firstorder	Skewness	0.112262815
wavelet-LLL	firstorder	Uniformity	0.02254872
wavelet-LLL	firstorder	Median	-709.9931383
wavelet-LLL	firstorder	Energy	81511277.36
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	411.409617
wavelet-LLL	firstorder	MeanAbsoluteDeviation	529.9300081
wavelet-LLL	firstorder	TotalEnergy	2200804489
wavelet-LLL	firstorder	Maximum	443.6527859
wavelet-LLL	firstorder	RootMeanSquared	907.3842824
wavelet-LLL	firstorder	90Percentile	255.0332238
wavelet-LLL	firstorder	Minimum	-1746.680186
wavelet-LLL	firstorder	Entropy	5.682401004
wavelet-LLL	firstorder	Range	2190.332972
wavelet-LLL	firstorder	Variance	386188.076
wavelet-LLL	firstorder	10Percentile	-1500.663
wavelet-LLL	firstorder	Kurtosis	1.923490012
wavelet-LLL	firstorder	Mean	-661.1793705
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.017764782
wavelet-LLL	glrlm	GrayLevelVariance	618.2913403
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.017799834
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.022331912
wavelet-LLL	glrlm	RunVariance	0.013197386
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.181967856
wavelet-LLL	glrlm	LongRunEmphasis	1.040720297
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2536.644992
wavelet-LLL	glrlm	RunLengthNonUniformity	95.14907808
wavelet-LLL	glrlm	ShortRunEmphasis	0.989819926
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2668.084077
wavelet-LLL	glrlm	RunPercentage	0.986790987
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.017940041

wavelet-LLL	glrlm	RunEntropy	5.716360349
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2562.932809
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.973605227
wavelet-LLL	glszm	GrayLevelVariance	614.7339236
wavelet-LLL	glszm	ZoneVariance	0.179706779
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019596458
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.699811293
wavelet-LLL	glszm	SizeZoneNonUniformity	58.08433735
wavelet-LLL	glszm	GrayLevelNonUniformity	1.626506024
wavelet-LLL	glszm	LargeAreaEmphasis	1.602409639
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2224.481928
wavelet-LLL	glszm	ZonePercentage	0.838383838
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022414406
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4114.722892
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2567.73494
wavelet-LLL	glszm	SmallAreaEmphasis	0.862784471
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.020299213
wavelet-LLL	glszm	ZoneEntropy	5.989497263
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019774536
wavelet-LLL	ngtdm	Coarseness	0.029010832
wavelet-LLL	ngtdm	Complexity	32589.43888
wavelet-LLL	ngtdm	Strength	99.64534189
wavelet-LLL	ngtdm	Contrast	5.475823143
wavelet-LLL	ngtdm	Busyness	0.016454754
wavelet-HHL	gldm	GrayLevelVariance	79.86368738
wavelet-HHL	gldm	HighGrayLevelEmphasis	690.3030303
wavelet-HHL	gldm	DependenceEntropy	5.380379443
wavelet-HHL	gldm	DependenceNonUniformity	41.86868687
wavelet-HHL	gldm	GrayLevelNonUniformity	4.171717172
wavelet-HHL	gldm	SmallDependenceEmphasis	0.653198653
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	482.7631874
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.422916029
wavelet-HHL	gldm	LargeDependenceEmphasis	3.060606061
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01691012
wavelet-HHL	gldm	DependenceVariance	0.545658606
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1950.585859
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011984011
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012731899
wavelet-HHL	glcm	JointAverage	25.11804444
wavelet-HHL	glcm	SumAverage	50.23608888
wavelet-HHL	glcm	JointEntropy	6.569593252
wavelet-HHL	glcm	ClusterShade	511.6622838
wavelet-HHL	glcm	MaximumProbability	0.02245027
wavelet-HHL	glcm	Idmn	0.946070745
wavelet-HHL	glcm	JointEnergy	0.011356946
wavelet-HHL	glcm	Contrast	152.7397285
wavelet-HHL	glcm	DifferenceEntropy	4.085628939
wavelet-HHL	glcm	InverseVariance	0.107539682
wavelet-HHL	glcm	DifferenceVariance	56.29898273
wavelet-HHL	glcm	Idn	0.850879713
wavelet-HHL	glcm	Idm	0.105986941
wavelet-HHL	glcm	Correlation	-0.023145712
wavelet-HHL	glcm	Autocorrelation	630.9658409
wavelet-HHL	glcm	SumEntropy	4.699362564
wavelet-HHL	glcm	SumSquares	75.97070434

wavelet-HHL	glcm	ClusterProminence	93590.39822
wavelet-HHL	glcm	Imc2	0.997893626
wavelet-HHL	glcm	Imc1	-0.590740835
wavelet-HHL	glcm	DifferenceAverage	9.378536085
wavelet-HHL	glcm	Id	0.19078703
wavelet-HHL	glcm	ClusterTendency	151.1430889
wavelet-HHL	firstorder	InterquartileRange	289.6833536
wavelet-HHL	firstorder	Skewness	0.297891945
wavelet-HHL	firstorder	Uniformity	0.042138557
wavelet-HHL	firstorder	Median	-9.70551159
wavelet-HHL	firstorder	Energy	5000437.672
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	123.7281006
wavelet-HHL	firstorder	MeanAbsoluteDeviation	177.1814969
wavelet-HHL	firstorder	TotalEnergy	135011817.1
wavelet-HHL	firstorder	Maximum	613.7195534
wavelet-HHL	firstorder	RootMeanSquared	224.7431232
wavelet-HHL	firstorder	90Percentile	314.4399422
wavelet-HHL	firstorder	Minimum	-551.2401029
wavelet-HHL	firstorder	Entropy	4.790021141
wavelet-HHL	firstorder	Range	1164.959656
wavelet-HHL	firstorder	Variance	49597.29292
wavelet-HHL	firstorder	10Percentile	-231.0293773
wavelet-HHL	firstorder	Kurtosis	3.080897703
wavelet-HHL	firstorder	Mean	30.20229312
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012944642
wavelet-HHL	glrlm	GrayLevelVariance	81.02653539
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.012980386
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.041730008
wavelet-HHL	glrlm	RunVariance	0.024122051
wavelet-HHL	glrlm	GrayLevelNonUniformity	4.038460084
wavelet-HHL	glrlm	LongRunEmphasis	1.071542827
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	682.1532154
wavelet-HHL	glrlm	RunLengthNonUniformity	92.6003691
wavelet-HHL	glrlm	ShortRunEmphasis	0.983013978
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	736.4738937
wavelet-HHL	glrlm	RunPercentage	0.977466977
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.013126668
wavelet-HHL	glrlm	RunEntropy	4.864661149
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	692.2335454
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.956460778
wavelet-HHL	glszm	GrayLevelVariance	97.88580247
wavelet-HHL	glszm	ZoneVariance	0.651041667
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.037037037
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.624614198
wavelet-HHL	glszm	SizeZoneNonUniformity	44.97222222
wavelet-HHL	glszm	GrayLevelNonUniformity	2.666666667
wavelet-HHL	glszm	LargeAreaEmphasis	2.541666667
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	612.8762539
wavelet-HHL	glszm	ZonePercentage	0.727272727
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.019851807
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1665.388889
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	720.1111111
wavelet-HHL	glszm	SmallAreaEmphasis	0.816238426
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.016722145
wavelet-HHL	glszm	ZoneEntropy	5.223550481

wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016305001
wavelet-HHL	ngtdm	Coarseness	0.043736486
wavelet-HHL	ngtdm	Complexity	3315.261825
wavelet-HHL	ngtdm	Strength	19.74000074
wavelet-HHL	ngtdm	Contrast	1.076042174
wavelet-HHL	ngtdm	Busyness	0.037902819
wavelet-HLH	gldm	GrayLevelVariance	51.67084991
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wavelet-HLH	gldm	DependenceEntropy	5.22739715
wavelet-HLH	gldm	DependenceNonUniformity	46.33333333
wavelet-HLH	gldm	GrayLevelNonUniformity	4.818181818
wavelet-HLH	gldm	SmallDependenceEmphasis	0.691130752
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	274.4752385
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.468013468
wavelet-HLH	gldm	LargeDependenceEmphasis	2.95959596
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022602429
wavelet-HLH	gldm	DependenceVariance	0.633200694
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1145.121212
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013910011
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015088047
wavelet-HLH	glcm	JointAverage	18.52879522
wavelet-HLH	glcm	SumAverage	37.05759044
wavelet-HLH	glcm	JointEntropy	6.578974483
wavelet-HLH	glcm	ClusterShade	61.27047537
wavelet-HLH	glcm	MaximumProbability	0.024337472
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wavelet-HLH	glcm	JointEnergy	0.011220709
wavelet-HLH	glcm	Contrast	109.9975733
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wavelet-HLH	glcm	Correlation	-0.036873137
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wavelet-HLH	glcm	ClusterProminence	33355.41511
wavelet-HLH	glcm	Imc2	0.996297495
wavelet-HLH	glcm	Imc1	-0.547551067
wavelet-HLH	glcm	DifferenceAverage	8.325879781
wavelet-HLH	glcm	Id	0.194931789
wavelet-HLH	glcm	ClusterTendency	102.4433181
wavelet-HLH	firstorder	InterquartileRange	248.6053265
wavelet-HLH	firstorder	Skewness	0.156257867
wavelet-HLH	firstorder	Uniformity	0.048668503
wavelet-HLH	firstorder	Median	35.28418705
wavelet-HLH	firstorder	Energy	3330846.389
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	102.7057545
wavelet-HLH	firstorder	MeanAbsoluteDeviation	145.4385518
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wavelet-HLH	firstorder	Maximum	479.5494232
wavelet-HLH	firstorder	RootMeanSquared	183.4254972
wavelet-HLH	firstorder	90Percentile	278.0910007
wavelet-HLH	firstorder	Minimum	-423.4871531

wavelet-HLH	firstorder	Entropy	4.584552046
wavelet-HLH	firstorder	Range	903.0365763
wavelet-HLH	firstorder	Variance	32523.03206
wavelet-HLH	firstorder	10Percentile	-182.5808343
wavelet-HLH	firstorder	Kurtosis	2.677575307
wavelet-HLH	firstorder	Mean	33.49449148
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.015266455
wavelet-HLH	glrlm	GrayLevelVariance	52.039436
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.015326241
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.048064124
wavelet-HLH	glrlm	RunVariance	0.020145962
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.662790355
wavelet-HLH	glrlm	LongRunEmphasis	1.0632107
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	400.2890623
wavelet-HLH	glrlm	RunLengthNonUniformity	93.17190622
wavelet-HLH	glrlm	ShortRunEmphasis	0.984197325
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	432.0734488
wavelet-HLH	glrlm	RunPercentage	0.97979798
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.015565384
wavelet-HLH	glrlm	RunEntropy	4.661878931
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	406.6459396
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.959708076
wavelet-HLH	glszm	GrayLevelVariance	56.32271468
wavelet-HLH	glszm	ZoneVariance	0.500519391
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.043628809
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.649238227
wavelet-HLH	glszm	SizeZoneNonUniformity	49.34210526
wavelet-HLH	glszm	GrayLevelNonUniformity	3.315789474
wavelet-HLH	glszm	LargeAreaEmphasis	2.197368421
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	327.8665936
wavelet-HLH	glszm	ZonePercentage	0.767676768
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022878055
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	887.8815789
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	401.5
wavelet-HLH	glszm	SmallAreaEmphasis	0.833220029
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.018527914
wavelet-HLH	glszm	ZoneEntropy	5.073135244
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017873013
wavelet-HLH	ngtdm	Coarseness	0.043115007
wavelet-HLH	ngtdm	Complexity	2012.605488
wavelet-HLH	ngtdm	Strength	13.21399492
wavelet-HLH	ngtdm	Contrast	0.771261601
wavelet-HLH	ngtdm	Busyness	0.054334695

Image type	Feature Class	Feature Name	
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general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
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general	info	VolumeNum	1
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original	shape	Maximum2DDiameterColumn	26.83281573
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original	gldm	GrayLevelVariance	116.0924889
original	gldm	HighGrayLevelEmphasis	641.1133333
original	gldm	DependenceEntropy	5.765071067
original	gldm	DependenceNonUniformity	48.37333333
original	gldm	GrayLevelNonUniformity	7.2
original	gldm	SmallDependenceEmphasis	0.581936608
original	gldm	SmallDependenceHighGrayLevelEmphasis	233.8262815
original	gldm	DependenceNonUniformityNormalized	0.322488889
original	gldm	LargeDependenceEmphasis	9.32
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.037529055
original	gldm	DependenceVariance	3.9376
original	gldm	LargeDependenceHighGrayLevelEmphasis	10222.92667



original	gldm	SmallDependenceLowGrayLevelEmphasis	0.015094516
original	gldm	LowGrayLevelEmphasis	0.018466266
original	glcm	JointAverage	25.49598556
original	glcm	SumAverage	50.99197113
original	glcm	JointEntropy	6.901877295
original	glcm	ClusterShade	-2609.839479
original	glcm	MaximumProbability	0.044544394
original	glcm	Idmn	0.902941158
original	glcm	JointEnergy	0.011237481
original	glcm	Contrast	171.5436168
original	glcm	DifferenceEntropy	4.38353599
original	glcm	InverseVariance	0.163276232
original	glcm	DifferenceVariance	74.77633397
original	glcm	Idn	0.813522949
original	glcm	Idm	0.171310376
original	glcm	Correlation	0.170241989
original	glcm	Autocorrelation	667.6836284
original	glcm	SumEntropy	5.127303344
original	glcm	SumSquares	103.307913
original	glcm	ClusterProminence	158811.4548
original	glcm	Imc2	0.991343586
original	glcm	Imc1	-0.455941056
original	glcm	DifferenceAverage	9.74229526
original	glcm	Id	0.239876815
original	glcm	ClusterTendency	241.6880351
original	firstorder	InterquartileRange	492.75
original	firstorder	Skewness	-0.44388371
original	firstorder	Uniformity	0.048
original	firstorder	Median	-185.5
original	firstorder	Energy	21457803
original	firstorder	RobustMeanAbsoluteDeviation	200.2843322
original	firstorder	MeanAbsoluteDeviation	239.3032
original	firstorder	TotalEnergy	579360681
original	firstorder	Maximum	60
original	firstorder	RootMeanSquared	378.2221834
original	firstorder	90Percentile	33
original	firstorder	Minimum	-805
original	firstorder	Entropy	4.763949425
original	firstorder	Range	865
original	firstorder	Variance	72717.44396
original	firstorder	10Percentile	-686.2
original	firstorder	Kurtosis	1.799043769
original	firstorder	Mean	-265.2066667
original	gllm	ShortRunLowGrayLevelEmphasis	0.019094118
original	gllm	GrayLevelVariance	115.2479218
original	gllm	LowGrayLevelRunEmphasis	0.019251573
original	gllm	GrayLevelNonUniformityNormalized	0.04368768
original	gllm	RunVariance	0.054984902
original	gllm	GrayLevelNonUniformity	6.225202342
original	gllm	LongRunEmphasis	1.166381085
original	gllm	ShortRunHighGrayLevelEmphasis	573.7533079
original	gllm	RunLengthNonUniformity	128.5921295
original	gllm	ShortRunEmphasis	0.96087334

original	glrlm	LongRunHighGrayLevelEmphasis	799.2908514
original	glrlm	RunPercentage	0.949230769
original	glrlm	LongRunLowGrayLevelEmphasis	0.019889827
original	glrlm	RunEntropy	4.994971061
original	glrlm	HighGrayLevelRunEmphasis	616.5426661
original	glrlm	RunLengthNonUniformityNormalized	0.902348211
original	glszm	GrayLevelVariance	96.02295674
original	glszm	ZoneVariance	4.598363269
original	glszm	GrayLevelNonUniformityNormalized	0.033266022
original	glszm	SizeZoneNonUniformityNormalized	0.652247848
original	glszm	SizeZoneNonUniformity	63.26804124
original	glszm	GrayLevelNonUniformity	3.226804124
original	glszm	LargeAreaEmphasis	6.989690722
original	glszm	SmallAreaHighGrayLevelEmphasis	305.8606872
original	glszm	ZonePercentage	0.646666667
original	glszm	LargeAreaLowGrayLevelEmphasis	0.039360444
original	glszm	LargeAreaHighGrayLevelEmphasis	7296.381443
original	glszm	HighGrayLevelZoneEmphasis	437.7010309
original	glszm	SmallAreaEmphasis	0.833838525
original	glszm	LowGrayLevelZoneEmphasis	0.024979429
original	glszm	ZoneEntropy	5.44992444
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022508314
original	ngtdm	Coarseness	0.018975175
original	ngtdm	Complexity	4319.069974
original	ngtdm	Strength	14.50942542
original	ngtdm	Contrast	1.550614164
original	ngtdm	Busyness	0.056405124
wavelet-HHH	gldm	GrayLevelVariance	10.75222222
wavelet-HHH	gldm	HighGrayLevelEmphasis	85.28666667
wavelet-HHH	gldm	DependenceEntropy	5.155485945
wavelet-HHH	gldm	DependenceNonUniformity	39.57333333
wavelet-HHH	gldm	GrayLevelNonUniformity	13.86666667
wavelet-HHH	gldm	SmallDependenceEmphasis	0.464606425
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	35.58794777
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.263822222
wavelet-HHH	gldm	LargeDependenceEmphasis	6.506666667
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.133925977
wavelet-HHH	gldm	DependenceVariance	1.548622222
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	574.98
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.04262138
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.052149079
wavelet-HHH	glcm	JointAverage	8.542772345
wavelet-HHH	glcm	SumAverage	17.08554469
wavelet-HHH	glcm	JointEntropy	6.482787004
wavelet-HHH	glcm	ClusterShade	-15.21110469
wavelet-HHH	glcm	MaximumProbability	0.032015143
wavelet-HHH	glcm	Idmn	0.928907767
wavelet-HHH	glcm	JointEnergy	0.013446624
wavelet-HHH	glcm	Contrast	22.54594988
wavelet-HHH	glcm	DifferenceEntropy	3.233388182
wavelet-HHH	glcm	InverseVariance	0.247027034
wavelet-HHH	glcm	DifferenceVariance	8.192244342
wavelet-HHH	glcm	Idn	0.825558773

wavelet-HHH	glcm	Idm	0.222725751
wavelet-HHH	glcm	Correlation	-0.042246796
wavelet-HHH	glcm	Autocorrelation	72.53832767
wavelet-HHH	glcm	SumEntropy	3.97724548
wavelet-HHH	glcm	SumSquares	10.82679283
wavelet-HHH	glcm	ClusterProminence	1325.895583
wavelet-HHH	glcm	Imc2	0.896280835
wavelet-HHH	glcm	Imc1	-0.225131015
wavelet-HHH	glcm	DifferenceAverage	3.761576249
wavelet-HHH	glcm	Id	0.317223421
wavelet-HHH	glcm	ClusterTendency	20.76122146
wavelet-HHH	firstorder	InterquartileRange	93.09348955
wavelet-HHH	firstorder	Skewness	-0.258308227
wavelet-HHH	firstorder	Uniformity	0.092444444
wavelet-HHH	firstorder	Median	4.689432436
wavelet-HHH	firstorder	Energy	996359.9937
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	42.85691436
wavelet-HHH	firstorder	MeanAbsoluteDeviation	63.65572925
wavelet-HHH	firstorder	TotalEnergy	26901719.83
wavelet-HHH	firstorder	Maximum	197.3406346
wavelet-HHH	firstorder	RootMeanSquared	81.50091998
wavelet-HHH	firstorder	90Percentile	100.6835545
wavelet-HHH	firstorder	Minimum	-198.329252
wavelet-HHH	firstorder	Entropy	3.662822942
wavelet-HHH	firstorder	Range	395.6698866
wavelet-HHH	firstorder	Variance	6629.932744
wavelet-HHH	firstorder	10Percentile	-108.48495
wavelet-HHH	firstorder	Kurtosis	2.933504973
wavelet-HHH	firstorder	Mean	3.530894223
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.053383249
wavelet-HHH	glrlm	GrayLevelVariance	11.05155773
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.053955389
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.090212726
wavelet-HHH	glrlm	RunVariance	0.053550318
wavelet-HHH	glrlm	GrayLevelNonUniformity	12.89433056
wavelet-HHH	glrlm	LongRunEmphasis	1.155973192
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	81.88958306
wavelet-HHH	glrlm	RunLengthNonUniformity	130.3315708
wavelet-HHH	glrlm	ShortRunEmphasis	0.964636034
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	99.17089758
wavelet-HHH	glrlm	RunPercentage	0.952820513
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.056399747
wavelet-HHH	glrlm	RunEntropy	3.895840103
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	85.0500068
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.911424569
wavelet-HHH	glszm	GrayLevelVariance	15.64317867
wavelet-HHH	glszm	ZoneVariance	6.736149584
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.076523546
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.545360111
wavelet-HHH	glszm	SizeZoneNonUniformity	41.44736842
wavelet-HHH	glszm	GrayLevelNonUniformity	5.815789474
wavelet-HHH	glszm	LargeAreaEmphasis	10.63157895
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	55.44285537

wavelet-HHH	glszm	ZonePercentage	0.506666667
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.223449601
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	909.0394737
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	79.01315789
wavelet-HHH	glszm	SmallAreaEmphasis	0.764747689
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.086947923
wavelet-HHH	glszm	ZoneEntropy	4.702426041
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.081347303
wavelet-HHH	ngtdm	Coarseness	0.037838888
wavelet-HHH	ngtdm	Complexity	242.8783905
wavelet-HHH	ngtdm	Strength	2.486407124
wavelet-HHH	ngtdm	Contrast	0.246164142
wavelet-HHH	ngtdm	Busyness	0.206102511
wavelet-HLL	gldm	GrayLevelVariance	70.75115556
wavelet-HLL	gldm	HighGrayLevelEmphasis	482.3
wavelet-HLL	gldm	DependenceEntropy	5.790899754
wavelet-HLL	gldm	DependenceNonUniformity	54.16
wavelet-HLL	gldm	GrayLevelNonUniformity	5.813333333
wavelet-HLL	gldm	SmallDependenceEmphasis	0.588425926
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	295.8316204
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.361066667
wavelet-HLL	gldm	LargeDependenceEmphasis	3.866666667
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024160246
wavelet-HLL	gldm	DependenceVariance	0.769066667
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1682.446667
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012166988
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01363776
wavelet-HLL	glcm	JointAverage	19.34786054
wavelet-HLL	glcm	SumAverage	38.69572107
wavelet-HLL	glcm	JointEntropy	7.303520542
wavelet-HLL	glcm	ClusterShade	1062.624705
wavelet-HLL	glcm	MaximumProbability	0.015876645
wavelet-HLL	glcm	ldmn	0.942196465
wavelet-HLL	glcm	JointEnergy	0.006809303
wavelet-HLL	glcm	Contrast	110.4322432
wavelet-HLL	glcm	DifferenceEntropy	4.156543426
wavelet-HLL	glcm	InverseVariance	0.115244779
wavelet-HLL	glcm	DifferenceVariance	37.5104669
wavelet-HLL	glcm	ldn	0.842065597
wavelet-HLL	glcm	ldm	0.117112542
wavelet-HLL	glcm	Correlation	0.169552621
wavelet-HLL	glcm	Autocorrelation	386.2186214
wavelet-HLL	glcm	SumEntropy	5.125770119
wavelet-HLL	glcm	SumSquares	67.07765262
wavelet-HLL	glcm	ClusterProminence	80208.52147
wavelet-HLL	glcm	lmc2	0.994486628
wavelet-HLL	glcm	lmc1	-0.474344614
wavelet-HLL	glcm	DifferenceAverage	8.28166361
wavelet-HLL	glcm	ld	0.203182296
wavelet-HLL	glcm	ClusterTendency	157.8783672
wavelet-HLL	firstorder	InterquartileRange	312.1099276
wavelet-HLL	firstorder	Skewness	0.143524687
wavelet-HLL	firstorder	Uniformity	0.038755556

wavelet-HLL	firstorder	Median	-59.37276412
wavelet-HLL	firstorder	Energy	7088908.09
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	120.5973456
wavelet-HLL	firstorder	MeanAbsoluteDeviation	169.370029
wavelet-HLL	firstorder	TotalEnergy	191400518.4
wavelet-HLL	firstorder	Maximum	437.2539325
wavelet-HLL	firstorder	RootMeanSquared	217.3922429
wavelet-HLL	firstorder	90Percentile	211.3483056
wavelet-HLL	firstorder	Minimum	-542.3639256
wavelet-HLL	firstorder	Entropy	4.881156524
wavelet-HLL	firstorder	Range	979.6178581
wavelet-HLL	firstorder	Variance	44133.5096
wavelet-HLL	firstorder	10Percentile	-314.7035275
wavelet-HLL	firstorder	Kurtosis	2.599480022
wavelet-HLL	firstorder	Mean	-55.90954898
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.013862249
wavelet-HLL	grlm	GrayLevelVariance	71.49155411
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.013942807
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.038424027
wavelet-HLL	grlm	RunVariance	0.031306776
wavelet-HLL	grlm	GrayLevelNonUniformity	5.595126822
wavelet-HLL	grlm	LongRunEmphasis	1.093482122
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	474.1433758
wavelet-HLL	grlm	RunLengthNonUniformity	137.4865936
wavelet-HLL	grlm	ShortRunEmphasis	0.977817069
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	524.439959
wavelet-HLL	grlm	RunPercentage	0.970769231
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.014280235
wavelet-HLL	grlm	RunEntropy	4.99346209
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	483.7580056
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.943571051
wavelet-HLL	glszm	GrayLevelVariance	81.2491
wavelet-HLL	glszm	ZoneVariance	1.33
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.0376
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.5744
wavelet-HLL	glszm	SizeZoneNonUniformity	57.44
wavelet-HLL	glszm	GrayLevelNonUniformity	3.76
wavelet-HLL	glszm	LargeAreaEmphasis	3.58
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	398.8139592
wavelet-HLL	glszm	ZonePercentage	0.666666667
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.029009321
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1502.11
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	502.73
wavelet-HLL	glszm	SmallAreaEmphasis	0.786176998
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01861963
wavelet-HLL	glszm	ZoneEntropy	5.500818565
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017896607
wavelet-HLL	ngtdm	Coarseness	0.035910454
wavelet-HLL	ngtdm	Complexity	3106.651665
wavelet-HLL	ngtdm	Strength	17.06180483
wavelet-HLL	ngtdm	Contrast	0.619796385
wavelet-HLL	ngtdm	Busyness	0.044365034
wavelet-HLL	gldm	GrayLevelVariance	130.6824889

wavelet-LHL	gldm	HighGrayLevelEmphasis	1076.04
wavelet-LHL	gldm	DependenceEntropy	5.798534734
wavelet-LHL	gldm	DependenceNonUniformity	58.38666667
wavelet-LHL	gldm	GrayLevelNonUniformity	4.586666667
wavelet-LHL	gldm	SmallDependenceEmphasis	0.618877778
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	645.7116315
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.389244444
wavelet-LHL	gldm	LargeDependenceEmphasis	3.52
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012038218
wavelet-LHL	gldm	DependenceVariance	0.6976
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4189.426667
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007895655
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.008501693
wavelet-LHL	glcm	JointAverage	30.22501729
wavelet-LHL	glcm	SumAverage	60.45003458
wavelet-LHL	glcm	JointEntropy	7.345462821
wavelet-LHL	glcm	ClusterShade	1486.457273
wavelet-LHL	glcm	MaximumProbability	0.016402258
wavelet-LHL	glcm	ldmn	0.941618221
wavelet-LHL	glcm	JointEnergy	0.006586438
wavelet-LHL	glcm	Contrast	196.3057902
wavelet-LHL	glcm	DifferenceEntropy	4.378093831
wavelet-LHL	glcm	InverseVariance	0.124701284
wavelet-LHL	glcm	DifferenceVariance	77.40183139
wavelet-LHL	glcm	ldn	0.851593919
wavelet-LHL	glcm	ldm	0.116710104
wavelet-LHL	glcm	Correlation	0.282617341
wavelet-LHL	glcm	Autocorrelation	952.6542811
wavelet-LHL	glcm	SumEntropy	5.422213173
wavelet-LHL	glcm	SumSquares	137.1614249
wavelet-LHL	glcm	ClusterProminence	253284.6844
wavelet-LHL	glcm	lmc2	0.998237212
wavelet-LHL	glcm	lmc1	-0.557729785
wavelet-LHL	glcm	DifferenceAverage	10.3076958
wavelet-LHL	glcm	ld	0.196850243
wavelet-LHL	glcm	ClusterTendency	352.3399095
wavelet-LHL	firstorder	InterquartileRange	481.0168294
wavelet-LHL	firstorder	Skewness	-0.147165491
wavelet-LHL	firstorder	Uniformity	0.030577778
wavelet-LHL	firstorder	Median	-81.99498935
wavelet-LHL	firstorder	Energy	12583559.09
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	198.7410922
wavelet-LHL	firstorder	MeanAbsoluteDeviation	248.3841502
wavelet-LHL	firstorder	TotalEnergy	339756095.4
wavelet-LHL	firstorder	Maximum	482.5178925
wavelet-LHL	firstorder	RootMeanSquared	289.6383848
wavelet-LHL	firstorder	90Percentile	310.6615645
wavelet-LHL	firstorder	Minimum	-785.7244801
wavelet-LHL	firstorder	Entropy	5.156989695
wavelet-LHL	firstorder	Range	1268.242373
wavelet-LHL	firstorder	Variance	81861.8289
wavelet-LHL	firstorder	10Percentile	-406.1436788
wavelet-LHL	firstorder	Kurtosis	1.993088021

wavelet-LHL	firstorder	Mean	-45.03959408
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008664686
wavelet-LHL	glrlm	GrayLevelVariance	131.0349651
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008693958
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.030393576
wavelet-LHL	glrlm	RunVariance	0.027180184
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.440207643
wavelet-LHL	glrlm	LongRunEmphasis	1.083262409
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1048.440748
wavelet-LHL	glrlm	RunLengthNonUniformity	138.725142
wavelet-LHL	glrlm	ShortRunEmphasis	0.979794898
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1171.161359
wavelet-LHL	glrlm	RunPercentage	0.973846154
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008819494
wavelet-LHL	glrlm	RunEntropy	5.247801982
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1072.843722
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.948724404
wavelet-LHL	glszm	GrayLevelVariance	135.6091136
wavelet-LHL	glszm	ZoneVariance	0.808828765
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03008188
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.585617658
wavelet-LHL	glszm	SizeZoneNonUniformity	62.0754717
wavelet-LHL	glszm	GrayLevelNonUniformity	3.188679245
wavelet-LHL	glszm	LargeAreaEmphasis	2.811320755
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	827.0670569
wavelet-LHL	glszm	ZonePercentage	0.706666667
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.014003772
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3260.867925
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1049.245283
wavelet-LHL	glszm	SmallAreaEmphasis	0.793022719
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.01137118
wavelet-LHL	glszm	ZoneEntropy	5.591095045
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011024877
wavelet-LHL	ngtdm	Coarseness	0.031347583
wavelet-LHL	ngtdm	Complexity	5298.975107
wavelet-LHL	ngtdm	Strength	22.31908527
wavelet-LHL	ngtdm	Contrast	1.211809201
wavelet-LHL	ngtdm	Busyness	0.034156539
wavelet-LHH	gldm	GrayLevelVariance	29.19222222
wavelet-LHH	gldm	HighGrayLevelEmphasis	406.8466667
wavelet-LHH	gldm	DependenceEntropy	5.603399885
wavelet-LHH	gldm	DependenceNonUniformity	48.22666667
wavelet-LHH	gldm	GrayLevelNonUniformity	9.24
wavelet-LHH	gldm	SmallDependenceEmphasis	0.532131481
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	223.3831148
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.321511111
wavelet-LHH	gldm	LargeDependenceEmphasis	4.826666667
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021812263
wavelet-LHH	gldm	DependenceVariance	1.088888889
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1861.553333
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008551276
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.010040987
wavelet-LHH	glcm	JointAverage	19.56625252

wavelet-LHH	glcm	SumAverage	39.13250503
wavelet-LHH	glcm	JointEntropy	6.956720478
wavelet-LHH	glcm	ClusterShade	85.39638537
wavelet-LHH	glcm	MaximumProbability	0.023319857
wavelet-LHH	glcm	Idmn	0.964877165
wavelet-LHH	glcm	JointEnergy	0.009193271
wavelet-LHH	glcm	Contrast	54.24930495
wavelet-LHH	glcm	DifferenceEntropy	3.76141172
wavelet-LHH	glcm	InverseVariance	0.166053698
wavelet-LHH	glcm	DifferenceVariance	20.54531306
wavelet-LHH	glcm	Idn	0.874938561
wavelet-LHH	glcm	Idm	0.159432315
wavelet-LHH	glcm	Correlation	-0.031788498
wavelet-LHH	glcm	Autocorrelation	381.985068
wavelet-LHH	glcm	SumEntropy	4.51835461
wavelet-LHH	glcm	SumSquares	26.25111095
wavelet-LHH	glcm	ClusterProminence	9061.775927
wavelet-LHH	glcm	Imc2	0.968419079
wavelet-LHH	glcm	Imc1	-0.336707413
wavelet-LHH	glcm	DifferenceAverage	5.737118697
wavelet-LHH	glcm	Id	0.253337596
wavelet-LHH	glcm	ClusterTendency	50.75513884
wavelet-LHH	firstorder	InterquartileRange	179.3585338
wavelet-LHH	firstorder	Skewness	0.072794105
wavelet-LHH	firstorder	Uniformity	0.0616
wavelet-LHH	firstorder	Median	-12.79474155
wavelet-LHH	firstorder	Energy	2769475.932
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	73.58170008
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.5572572
wavelet-LHH	firstorder	TotalEnergy	74775850.18
wavelet-LHH	firstorder	Maximum	448.6144325
wavelet-LHH	firstorder	RootMeanSquared	135.8792585
wavelet-LHH	firstorder	90Percentile	162.5987887
wavelet-LHH	firstorder	Minimum	-474.5352574
wavelet-LHH	firstorder	Entropy	4.26905276
wavelet-LHH	firstorder	Range	923.1496899
wavelet-LHH	firstorder	Variance	18461.55526
wavelet-LHH	firstorder	10Percentile	-172.1847272
wavelet-LHH	firstorder	Kurtosis	3.84268661
wavelet-LHH	firstorder	Mean	-1.271856262
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.010212845
wavelet-LHH	grlm	GrayLevelVariance	29.66360016
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.010300463
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.060894639
wavelet-LHH	grlm	RunVariance	0.035818576
wavelet-LHH	grlm	GrayLevelNonUniformity	8.806382595
wavelet-LHH	grlm	LongRunEmphasis	1.112429475
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	396.833498
wavelet-LHH	grlm	RunLengthNonUniformity	134.3198706
wavelet-LHH	grlm	ShortRunEmphasis	0.971892631
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	450.9628288
wavelet-LHH	grlm	RunPercentage	0.964102564
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.010650937



wavelet-LHH	grlm	RunEntropy	4.432366431
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	407.6593642
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.928362847
wavelet-LHH	glszm	GrayLevelVariance	35.17400856
wavelet-LHH	glszm	ZoneVariance	1.635102324
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055382125
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.508613713
wavelet-LHH	glszm	SizeZoneNonUniformity	47.30107527
wavelet-LHH	glszm	GrayLevelNonUniformity	5.150537634
wavelet-LHH	glszm	LargeAreaEmphasis	4.23655914
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	312.1020131
wavelet-LHH	glszm	ZonePercentage	0.62
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.024327079
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1646.16129
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	414.3763441
wavelet-LHH	glszm	SmallAreaEmphasis	0.74103644
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.014267864
wavelet-LHH	glszm	ZoneEntropy	5.322926592
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.013421932
wavelet-LHH	ngtdm	Coarseness	0.032532823
wavelet-LHH	ngtdm	Complexity	1232.404655
wavelet-LHH	ngtdm	Strength	8.202860327
wavelet-LHH	ngtdm	Contrast	0.398274478
wavelet-LHH	ngtdm	Busyness	0.067914686
wavelet-LLH	gldm	GrayLevelVariance	115.9264
wavelet-LLH	gldm	HighGrayLevelEmphasis	665.36
wavelet-LLH	gldm	DependenceEntropy	5.841137131
wavelet-LLH	gldm	DependenceNonUniformity	63.17333333
wavelet-LLH	gldm	GrayLevelNonUniformity	4.906666667
wavelet-LLH	gldm	SmallDependenceEmphasis	0.661157407
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	488.4278241
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.421155556
wavelet-LLH	gldm	LargeDependenceEmphasis	3.293333333
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020577737
wavelet-LLH	gldm	DependenceVariance	0.690488889
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1817.693333
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011704278
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012936852
wavelet-LLH	glcm	JointAverage	22.83243953
wavelet-LLH	glcm	SumAverage	45.66487907
wavelet-LLH	glcm	JointEntropy	7.374318883
wavelet-LLH	glcm	ClusterShade	2378.659326
wavelet-LLH	glcm	MaximumProbability	0.013927461
wavelet-LLH	glcm	ldmn	0.947550661
wavelet-LLH	glcm	JointEnergy	0.006379796
wavelet-LLH	glcm	Contrast	183.1583878
wavelet-LLH	glcm	DifferenceEntropy	4.404127042
wavelet-LLH	glcm	InverseVariance	0.102464357
wavelet-LLH	glcm	DifferenceVariance	65.06065288
wavelet-LLH	glcm	ldn	0.851175461
wavelet-LLH	glcm	ldm	0.100415836
wavelet-LLH	glcm	Correlation	0.168870356
wavelet-LLH	glcm	Autocorrelation	539.2583635

wavelet-LLH	glcm	SumEntropy	5.276688254
wavelet-LLH	glcm	SumSquares	109.3800114
wavelet-LLH	glcm	ClusterProminence	238703.6164
wavelet-LLH	glcm	Imc2	0.997795134
wavelet-LLH	glcm	Imc1	-0.541512113
wavelet-LLH	glcm	DifferenceAverage	10.45191415
wavelet-LLH	glcm	Id	0.179832465
wavelet-LLH	glcm	ClusterTendency	254.361658
wavelet-LLH	firstorder	InterquartileRange	390.0546299
wavelet-LLH	firstorder	Skewness	0.387859028
wavelet-LLH	firstorder	Uniformity	0.032711111
wavelet-LLH	firstorder	Median	-89.96017087
wavelet-LLH	firstorder	Energy	11290103.82
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	160.0048801
wavelet-LLH	firstorder	MeanAbsoluteDeviation	220.2816604
wavelet-LLH	firstorder	TotalEnergy	304832803.1
wavelet-LLH	firstorder	Maximum	707.3233694
wavelet-LLH	firstorder	RootMeanSquared	274.3489726
wavelet-LLH	firstorder	90Percentile	337.0680571
wavelet-LLH	firstorder	Minimum	-624.6565683
wavelet-LLH	firstorder	Entropy	5.133330528
wavelet-LLH	firstorder	Range	1331.979938
wavelet-LLH	firstorder	Variance	72592.43786
wavelet-LLH	firstorder	10Percentile	-389.7006874
wavelet-LLH	firstorder	Kurtosis	2.68909952
wavelet-LLH	firstorder	Mean	-51.71963769
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013108771
wavelet-LLH	glrlm	GrayLevelVariance	116.8731022
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.013168506
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.032417068
wavelet-LLH	glrlm	RunVariance	0.025693647
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.747844834
wavelet-LLH	glrlm	LongRunEmphasis	1.075338895
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	659.901108
wavelet-LLH	glrlm	RunLengthNonUniformity	139.9099579
wavelet-LLH	glrlm	ShortRunEmphasis	0.982352361
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	707.0631781
wavelet-LLH	glrlm	RunPercentage	0.976410256
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.013431264
wavelet-LLH	glrlm	RunEntropy	5.219406137
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	669.1112998
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.9548449
wavelet-LLH	glszm	GrayLevelVariance	128.6215405
wavelet-LLH	glszm	ZoneVariance	0.714390066
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030598166
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.637529421
wavelet-LLH	glszm	SizeZoneNonUniformity	70.76576577
wavelet-LLH	glszm	GrayLevelNonUniformity	3.396396396
wavelet-LLH	glszm	LargeAreaEmphasis	2.540540541
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	625.8249249
wavelet-LLH	glszm	ZonePercentage	0.74
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.021375085
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1456.036036

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	721.1711712
wavelet-LLH	glszm	SmallAreaEmphasis	0.825795796
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016229524
wavelet-LLH	glszm	ZoneEntropy	5.698713984
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015560011
wavelet-LLH	ngtdm	Coarseness	0.034417391
wavelet-LLH	ngtdm	Complexity	5540.922869
wavelet-LLH	ngtdm	Strength	24.33941996
wavelet-LLH	ngtdm	Contrast	0.955827754
wavelet-LLH	ngtdm	Busyness	0.03926645
wavelet-LLL	gldm	GrayLevelVariance	592.3788889
wavelet-LLL	gldm	HighGrayLevelEmphasis	2686.966667
wavelet-LLL	gldm	DependenceEntropy	6.219996607
wavelet-LLL	gldm	DependenceNonUniformity	100.4133333
wavelet-LLL	gldm	GrayLevelNonUniformity	2.693333333
wavelet-LLL	gldm	SmallDependenceEmphasis	0.844074074
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2080.540741
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.669422222
wavelet-LLL	gldm	LargeDependenceEmphasis	1.653333333
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010759005
wavelet-LLL	gldm	DependenceVariance	0.181155556
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5302.3
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009633176
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009857416
wavelet-LLL	glcm	JointAverage	53.04817999
wavelet-LLL	glcm	SumAverage	106.09636
wavelet-LLL	glcm	JointEntropy	7.550434452
wavelet-LLL	glcm	ClusterShade	-7457.695187
wavelet-LLL	glcm	MaximumProbability	0.010382724
wavelet-LLL	glcm	Idmn	0.922417374
wavelet-LLL	glcm	JointEnergy	0.005435001
wavelet-LLL	glcm	Contrast	798.950636
wavelet-LLL	glcm	DifferenceEntropy	5.255795443
wavelet-LLL	glcm	InverseVariance	0.043725601
wavelet-LLL	glcm	DifferenceVariance	246.5530197
wavelet-LLL	glcm	Idn	0.815249098
wavelet-LLL	glcm	Idm	0.041087301
wavelet-LLL	glcm	Correlation	0.317358617
wavelet-LLL	glcm	Autocorrelation	2996.95585
wavelet-LLL	glcm	SumEntropy	6.022997917
wavelet-LLL	glcm	SumSquares	581.3290498
wavelet-LLL	glcm	ClusterProminence	5198879.454
wavelet-LLL	glcm	Imc2	0.999867576
wavelet-LLL	glcm	Imc1	-0.707431463
wavelet-LLL	glcm	DifferenceAverage	23.03635584
wavelet-LLL	glcm	Id	0.096446364
wavelet-LLL	glcm	ClusterTendency	1526.365563
wavelet-LLL	firstorder	InterquartileRange	998.6334
wavelet-LLL	firstorder	Skewness	0.150245887
wavelet-LLL	firstorder	Uniformity	0.017955556
wavelet-LLL	firstorder	Median	-822.0919506
wavelet-LLL	firstorder	Energy	162198470.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	409.2484338

wavelet-LLL	firstorder	MeanAbsoluteDeviation	522.1791385
wavelet-LLL	firstorder	TotalEnergy	4379358697
wavelet-LLL	firstorder	Maximum	317.2817925
wavelet-LLL	firstorder	RootMeanSquared	1039.866883
wavelet-LLL	firstorder	90Percentile	3.385748608
wavelet-LLL	firstorder	Minimum	-1965.107996
wavelet-LLL	firstorder	Entropy	5.955005901
wavelet-LLL	firstorder	Range	2282.389788
wavelet-LLL	firstorder	Variance	369912.3154
wavelet-LLL	firstorder	10Percentile	-1592.968896
wavelet-LLL	firstorder	Kurtosis	1.943043666
wavelet-LLL	firstorder	Mean	-843.4517293
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.009919089
wavelet-LLL	grlm	GrayLevelVariance	590.154447
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.009927851
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.0179539
wavelet-LLL	grlm	RunVariance	0.008202903
wavelet-LLL	grlm	GrayLevelNonUniformity	2.670992234
wavelet-LLL	grlm	LongRunEmphasis	1.024991165
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2651.719635
wavelet-LLL	grlm	RunLengthNonUniformity	146.3452704
wavelet-LLL	grlm	ShortRunEmphasis	0.993752209
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2775.21358
wavelet-LLL	grlm	RunPercentage	0.991794872
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.009962895
wavelet-LLL	grlm	RunEntropy	5.971268464
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2676.418424
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.983594194
wavelet-LLL	glszm	GrayLevelVariance	559.5166518
wavelet-LLL	glszm	ZoneVariance	0.120071285
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.017821341
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.799621297
wavelet-LLL	glszm	SizeZoneNonUniformity	107.1492537
wavelet-LLL	glszm	GrayLevelNonUniformity	2.388059701
wavelet-LLL	glszm	LargeAreaEmphasis	1.373134328
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2210.959784
wavelet-LLL	glszm	ZonePercentage	0.893333333
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.011372389
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4047.350746
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2535.783582
wavelet-LLL	glszm	SmallAreaEmphasis	0.915008292
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.010866603
wavelet-LLL	glszm	ZoneEntropy	6.160691336
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010741452
wavelet-LLL	ngtdm	Coarseness	0.025571703
wavelet-LLL	ngtdm	Complexity	37728.88414
wavelet-LLL	ngtdm	Strength	77.68481911
wavelet-LLL	ngtdm	Contrast	3.686496993
wavelet-LLL	ngtdm	Busyness	0.014614374
wavelet-HHL	gldm	GrayLevelVariance	10.34333333
wavelet-HHL	gldm	HighGrayLevelEmphasis	100.5933333
wavelet-HHL	gldm	DependenceEntropy	5.330150818
wavelet-HHL	gldm	DependenceNonUniformity	36.16

wavelet-HHL	gldm	GrayLevelNonUniformity	13.4
wavelet-HHL	gldm	SmallDependenceEmphasis	0.447239645
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	52.10530737
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.241066667
wavelet-HHL	gldm	LargeDependenceEmphasis	7.866666667
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.159292099
wavelet-HHL	gldm	DependenceVariance	2.106666667
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	712.7533333
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01109884
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.029067737
wavelet-HHL	glcm	JointAverage	9.618138659
wavelet-HHL	glcm	SumAverage	19.23627732
wavelet-HHL	glcm	JointEntropy	6.436472917
wavelet-HHL	glcm	ClusterShade	-15.70206891
wavelet-HHL	glcm	MaximumProbability	0.031598491
wavelet-HHL	glcm	Idmn	0.939617902
wavelet-HHL	glcm	JointEnergy	0.013657299
wavelet-HHL	glcm	Contrast	20.92300513
wavelet-HHL	glcm	DifferenceEntropy	3.201525914
wavelet-HHL	glcm	InverseVariance	0.249550378
wavelet-HHL	glcm	DifferenceVariance	7.614512638
wavelet-HHL	glcm	Idn	0.83824208
wavelet-HHL	glcm	Idm	0.232932138
wavelet-HHL	glcm	Correlation	-0.005729928
wavelet-HHL	glcm	Autocorrelation	92.46993768
wavelet-HHL	glcm	SumEntropy	4.009192319
wavelet-HHL	glcm	SumSquares	10.40394315
wavelet-HHL	glcm	ClusterProminence	1393.982909
wavelet-HHL	glcm	Imc2	0.900121673
wavelet-HHL	glcm	Imc1	-0.230261638
wavelet-HHL	glcm	DifferenceAverage	3.622393851
wavelet-HHL	glcm	Id	0.326743596
wavelet-HHL	glcm	ClusterTendency	20.69276748
wavelet-HHL	firstorder	InterquartileRange	116.2854893
wavelet-HHL	firstorder	Skewness	0.04093656
wavelet-HHL	firstorder	Uniformity	0.089333333
wavelet-HHL	firstorder	Median	-5.566997623
wavelet-HHL	firstorder	Energy	957510.8705
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	47.08506055
wavelet-HHL	firstorder	MeanAbsoluteDeviation	65.07232817
wavelet-HHL	firstorder	TotalEnergy	25852793.5
wavelet-HHL	firstorder	Maximum	192.9708385
wavelet-HHL	firstorder	RootMeanSquared	79.89621896
wavelet-HHL	firstorder	90Percentile	107.8880931
wavelet-HHL	firstorder	Minimum	-220.2024926
wavelet-HHL	firstorder	Entropy	3.660964071
wavelet-HHL	firstorder	Range	413.1733311
wavelet-HHL	firstorder	Variance	6383.138192
wavelet-HHL	firstorder	10Percentile	-97.16323078
wavelet-HHL	firstorder	Kurtosis	2.720205817
wavelet-HHL	firstorder	Mean	-0.517311972
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.028443512
wavelet-HHL	glrlm	GrayLevelVariance	10.66242792

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.02941077
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.087632532
wavelet-HHL	glrlm	RunVariance	0.059176858
wavelet-HHL	glrlm	GrayLevelNonUniformity	12.43767889
wavelet-HHL	glrlm	LongRunEmphasis	1.177179117
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	97.64274705
wavelet-HHL	glrlm	RunLengthNonUniformity	127.383271
wavelet-HHL	glrlm	ShortRunEmphasis	0.958793052
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	116.9194134
wavelet-HHL	glrlm	RunPercentage	0.946153846
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.03344436
wavelet-HHL	glrlm	RunEntropy	3.922561108
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	101.2929878
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.89713929
wavelet-HHL	glszm	GrayLevelVariance	15.04462222
wavelet-HHL	glszm	ZoneVariance	8.373333333
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.082311111
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.525688889
wavelet-HHL	glszm	SizeZoneNonUniformity	39.42666667
wavelet-HHL	glszm	GrayLevelNonUniformity	6.173333333
wavelet-HHL	glszm	LargeAreaEmphasis	12.37333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	91.50391276
wavelet-HHL	glszm	ZonePercentage	0.5
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.209272994
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1141.213333
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	113.1866667
wavelet-HHL	glszm	SmallAreaEmphasis	0.750746091
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.030793764
wavelet-HHL	glszm	ZoneEntropy	4.725551112
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016732869
wavelet-HHL	ngtdm	Coarseness	0.036856118
wavelet-HHL	ngtdm	Complexity	246.1014868
wavelet-HHL	ngtdm	Strength	2.613372494
wavelet-HHL	ngtdm	Contrast	0.229332421
wavelet-HHL	ngtdm	Busyness	0.230275015
wavelet-HLH	gldm	GrayLevelVariance	21.46026667
wavelet-HLH	gldm	HighGrayLevelEmphasis	192.5466667
wavelet-HLH	gldm	DependenceEntropy	5.496687152
wavelet-HLH	gldm	DependenceNonUniformity	43.37333333
wavelet-HLH	gldm	GrayLevelNonUniformity	10.25333333
wavelet-HLH	gldm	SmallDependenceEmphasis	0.510494331
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	99.76985518
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.289155556
wavelet-HLH	gldm	LargeDependenceEmphasis	6.04
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.052828614
wavelet-HLH	gldm	DependenceVariance	1.601955556
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1069.253333
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011492854
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015234851
wavelet-HLH	glcm	JointAverage	13.08932251
wavelet-HLH	glcm	SumAverage	26.17864503
wavelet-HLH	glcm	JointEntropy	6.839526447
wavelet-HLH	glcm	ClusterShade	88.27295375

wavelet-HLH	glcm	MaximumProbability	0.024412948
wavelet-HLH	glcm	Idmn	0.945691604
wavelet-HLH	glcm	JointEnergy	0.010035332
wavelet-HLH	glcm	Contrast	43.43456975
wavelet-HLH	glcm	DifferenceEntropy	3.64756916
wavelet-HLH	glcm	InverseVariance	0.168733721
wavelet-HLH	glcm	DifferenceVariance	15.65749819
wavelet-HLH	glcm	Idn	0.8458652
wavelet-HLH	glcm	Idm	0.171421201
wavelet-HLH	glcm	Correlation	-0.041494108
wavelet-HLH	glcm	Autocorrelation	170.5846222
wavelet-HLH	glcm	SumEntropy	4.393346098
wavelet-HLH	glcm	SumSquares	20.90793482
wavelet-HLH	glcm	ClusterProminence	5393.211424
wavelet-HLH	glcm	Imc2	0.95557333
wavelet-HLH	glcm	Imc1	-0.305833896
wavelet-HLH	glcm	DifferenceAverage	5.207918324
wavelet-HLH	glcm	Id	0.267108963
wavelet-HLH	glcm	ClusterTendency	40.19716954
wavelet-HLH	firstorder	InterquartileRange	159.3250191
wavelet-HLH	firstorder	Skewness	0.390856327
wavelet-HLH	firstorder	Uniformity	0.068355556
wavelet-HLH	firstorder	Median	11.20945887
wavelet-HLH	firstorder	Energy	2041109.582
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	64.13203278
wavelet-HLH	firstorder	MeanAbsoluteDeviation	92.1469088
wavelet-HLH	firstorder	TotalEnergy	55109958.72
wavelet-HLH	firstorder	Maximum	342.2988006
wavelet-HLH	firstorder	RootMeanSquared	116.6507489
wavelet-HLH	firstorder	90Percentile	158.1499967
wavelet-HLH	firstorder	Minimum	-277.3353521
wavelet-HLH	firstorder	Entropy	4.089020258
wavelet-HLH	firstorder	Range	619.6341527
wavelet-HLH	firstorder	Variance	13381.95063
wavelet-HLH	firstorder	10Percentile	-127.3192282
wavelet-HLH	firstorder	Kurtosis	2.908994798
wavelet-HLH	firstorder	Mean	15.01487873
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.015332523
wavelet-HLH	grlm	GrayLevelVariance	21.87905822
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.015577965
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.067250325
wavelet-HLH	grlm	RunVariance	0.04684098
wavelet-HLH	grlm	GrayLevelNonUniformity	9.658019763
wavelet-HLH	grlm	LongRunEmphasis	1.138794114
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	187.3700909
wavelet-HLH	grlm	RunLengthNonUniformity	132.010822
wavelet-HLH	grlm	ShortRunEmphasis	0.967753014
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	217.9974233
wavelet-HLH	grlm	RunPercentage	0.957435897
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.016625501
wavelet-HLH	grlm	RunEntropy	4.286012651
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	193.1487669
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.918694929

wavelet-HLH	glszm	GrayLevelVariance	27.12177169
wavelet-HLH	glszm	ZoneVariance	2.639979339
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.06017562
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.52427686
wavelet-HLH	glszm	SizeZoneNonUniformity	46.13636364
wavelet-HLH	glszm	GrayLevelNonUniformity	5.295454545
wavelet-HLH	glszm	LargeAreaEmphasis	5.545454545
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	146.9499974
wavelet-HLH	glszm	ZonePercentage	0.586666667
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.05254178
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1016.340909
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	197.6022727
wavelet-HLH	glszm	SmallAreaEmphasis	0.751932438
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.020634843
wavelet-HLH	glszm	ZoneEntropy	5.142314257
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01868267
wavelet-HLH	ngtdm	Coarseness	0.034490746
wavelet-HLH	ngtdm	Complexity	726.5286976
wavelet-HLH	ngtdm	Strength	5.208054058
wavelet-HLH	ngtdm	Contrast	0.359888039
wavelet-HLH	ngtdm	Busyness	0.130224957



Image type	Feature Class	Feature Name	
general	info	BoundingBox	18: RTSTRUCT: C99-DNU_segment_Tumo_RUL (1, 0, 1, 8, 11, 3)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	1005effc4c41e5b03ca8944b795fe7c464f2fe6c (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	40c8f073805f24a244bec4bc0448c1896a5c73ad
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	162
original	shape	Maximum3DDiameter	33.67491648
original	shape	Maximum2DDiameterSlice	33.54101966
original	shape	Sphericity	0.738667979
original	shape	MinorAxis	20.5442125
original	shape	Elongation	0.63343432
original	shape	SurfaceVolumeRatio	0.400321202
original	shape	Volume	4374
original	shape	MajorAxis	32.43305872
original	shape	SurfaceArea	1751.004938
original	shape	Flatness	0.300004299
original	shape	LeastAxis	9.730057047
original	shape	Maximum2DDiameterColumn	21.84032967
original	shape	Maximum2DDiameterRow	27.65863337
original	gldm	GrayLevelVariance	80.39719555
original	gldm	HighGrayLevelEmphasis	191.2962963
original	gldm	DependenceEntropy	5.580289318
original	gldm	DependenceNonUniformity	45.90123457
original	gldm	GrayLevelNonUniformity	12.33333333
original	gldm	SmallDependenceEmphasis	0.508620813
original	gldm	SmallDependenceHighGrayLevelEmphasis	157.087018
original	gldm	DependenceNonUniformityNormalized	0.283340954
original	gldm	LargeDependenceEmphasis	6.728395062
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.598171448
original	gldm	DependenceVariance	2.007163542
original	gldm	LargeDependenceHighGrayLevelEmphasis	383.8271605
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014446356
original	gldm	LowGrayLevelEmphasis	0.056702709
original	glcm	JointAverage	11.77121367
original	glcm	SumAverage	23.54242734

original	glcm	JointEntropy	6.979275388
original	glcm	ClusterShade	3564.13441
original	glcm	MaximumProbability	0.040213448
original	glcm	Idmn	0.939431741
original	glcm	JointEnergy	0.01006735
original	glcm	Contrast	120.5866215
original	glcm	DifferenceEntropy	4.170411828
original	glcm	InverseVariance	0.173861958
original	glcm	DifferenceVariance	54.59524025
original	glcm	Idn	0.850877092
original	glcm	Idm	0.174854154
original	glcm	Correlation	0.357178729
original	glcm	Autocorrelation	171.9181171
original	glcm	SumEntropy	5.17288971
original	glcm	SumSquares	93.385822
original	glcm	ClusterProminence	191552.3233
original	glcm	Imc2	0.991186221
original	glcm	Imc1	-0.459444724
original	glcm	DifferenceAverage	8.030834932
original	glcm	Id	0.251874892
original	glcm	ClusterTendency	252.9566665
original	firstorder	InterquartileRange	320.5
original	firstorder	Skewness	1.289371194
original	firstorder	Uniformity	0.076131687
original	firstorder	Median	-763.5
original	firstorder	Energy	81968408
original	firstorder	RobustMeanAbsoluteDeviation	126.7786865
original	firstorder	MeanAbsoluteDeviation	182.2130773
original	firstorder	TotalEnergy	2213147016
original	firstorder	Maximum	65
original	firstorder	RootMeanSquared	711.3211842
original	firstorder	90Percentile	-352.5
original	firstorder	Minimum	-905
original	firstorder	Entropy	4.340812044
original	firstorder	Range	970
original	firstorder	Variance	50002.75995
original	firstorder	10Percentile	-867.9
original	firstorder	Kurtosis	3.949116309
original	firstorder	Mean	-675.2592593
original	glrlm	ShortRunLowGrayLevelEmphasis	0.051995441
original	glrlm	GrayLevelVariance	81.85798146
original	glrlm	LowGrayLevelRunEmphasis	0.05508125
original	glrlm	GrayLevelNonUniformityNormalized	0.071591716
original	glrlm	RunVariance	0.051125715
original	glrlm	GrayLevelNonUniformity	11.08448948
original	glrlm	LongRunEmphasis	1.149781734
original	glrlm	ShortRunHighGrayLevelEmphasis	196.6223482
original	glrlm	RunLengthNonUniformity	141.5704581
original	glrlm	ShortRunEmphasis	0.965736659
original	glrlm	LongRunHighGrayLevelEmphasis	204.9084341
original	glrlm	RunPercentage	0.954890788
original	glrlm	LongRunLowGrayLevelEmphasis	0.068726456
original	glrlm	RunEntropy	4.573033489
original	glrlm	HighGrayLevelRunEmphasis	198.2534203
original	glrlm	RunLengthNonUniformityNormalized	0.914241658

original	glszm	GrayLevelVariance	93.98271468
original	glszm	ZoneVariance	3.344709141
original	glszm	GrayLevelNonUniformityNormalized	0.044875346
original	glszm	SizeZoneNonUniformityNormalized	0.532188366
original	glszm	SizeZoneNonUniformity	50.55789474
original	glszm	GrayLevelNonUniformity	4.263157895
original	glszm	LargeAreaEmphasis	6.252631579
original	glszm	SmallAreaHighGrayLevelEmphasis	258.2773077
original	glszm	ZonePercentage	0.586419753
original	glszm	LargeAreaLowGrayLevelEmphasis	0.518888288
original	glszm	LargeAreaHighGrayLevelEmphasis	458.8421053
original	glszm	HighGrayLevelZoneEmphasis	283.8421053
original	glszm	SmallAreaEmphasis	0.756591374
original	glszm	LowGrayLevelZoneEmphasis	0.036747106
original	glszm	ZoneEntropy	5.482925282
original	glszm	SmallAreaLowGrayLevelEmphasis	0.016053807
original	ngtdm	Coarseness	0.01831664
original	ngtdm	Complexity	3311.690187
original	ngtdm	Strength	23.06237141
original	ngtdm	Contrast	0.699512127
original	ngtdm	Busyness	0.234749354
wavelet-HHH	gldm	GrayLevelVariance	11.46578266
wavelet-HHH	gldm	HighGrayLevelEmphasis	195.8888889
wavelet-HHH	gldm	DependenceEntropy	5.355217408
wavelet-HHH	gldm	DependenceNonUniformity	39.38271605
wavelet-HHH	gldm	GrayLevelNonUniformity	15.08641975
wavelet-HHH	gldm	SmallDependenceEmphasis	0.382033608
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	78.05765089
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.243103185
wavelet-HHH	gldm	LargeDependenceEmphasis	7.308641975
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.052296738
wavelet-HHH	gldm	DependenceVariance	1.453436976
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1387.493827
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009016838
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013107661
wavelet-HHH	glcm	JointAverage	13.60623731
wavelet-HHH	glcm	SumAverage	27.21247461
wavelet-HHH	glcm	JointEntropy	6.503403525
wavelet-HHH	glcm	ClusterShade	-28.38598752
wavelet-HHH	glcm	MaximumProbability	0.033768645
wavelet-HHH	glcm	Idmn	0.958243283
wavelet-HHH	glcm	JointEnergy	0.013101299
wavelet-HHH	glcm	Contrast	23.12873098
wavelet-HHH	glcm	DifferenceEntropy	3.264563313
wavelet-HHH	glcm	InverseVariance	0.237871127
wavelet-HHH	glcm	DifferenceVariance	8.685844845
wavelet-HHH	glcm	Idn	0.864735204
wavelet-HHH	glcm	Idm	0.235021903
wavelet-HHH	glcm	Correlation	-0.020616123
wavelet-HHH	glcm	Autocorrelation	184.9086855
wavelet-HHH	glcm	SumEntropy	4.056995639
wavelet-HHH	glcm	SumSquares	11.33996515
wavelet-HHH	glcm	ClusterProminence	1677.655758
wavelet-HHH	glcm	Imc2	0.896858048
wavelet-HHH	glcm	Imc1	-0.225977045

wavelet-HHH	glcm	DifferenceAverage	3.757527565
wavelet-HHH	glcm	Id	0.327851006
wavelet-HHH	glcm	ClusterTendency	22.23112961
wavelet-HHH	firstorder	InterquartileRange	103.037198
wavelet-HHH	firstorder	Skewness	-0.54127584
wavelet-HHH	firstorder	Uniformity	0.093126048
wavelet-HHH	firstorder	Median	8.062463265
wavelet-HHH	firstorder	Energy	1162810.351
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	43.29891987
wavelet-HHH	firstorder	MeanAbsoluteDeviation	65.27162819
wavelet-HHH	firstorder	TotalEnergy	31395879.49
wavelet-HHH	firstorder	Maximum	203.4103787
wavelet-HHH	firstorder	RootMeanSquared	84.72214395
wavelet-HHH	firstorder	90Percentile	97.62441397
wavelet-HHH	firstorder	Minimum	-318.833379
wavelet-HHH	firstorder	Entropy	3.665800825
wavelet-HHH	firstorder	Range	522.2437577
wavelet-HHH	firstorder	Variance	7175.791536
wavelet-HHH	firstorder	10Percentile	-113.970134
wavelet-HHH	firstorder	Kurtosis	3.826353942
wavelet-HHH	firstorder	Mean	1.431830832
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013230051
wavelet-HHH	glrlm	GrayLevelVariance	11.76897204
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.013501772
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.091766247
wavelet-HHH	glrlm	RunVariance	0.059305576
wavelet-HHH	glrlm	GrayLevelNonUniformity	14.05496072
wavelet-HHH	glrlm	LongRunEmphasis	1.180679437
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	188.2779044
wavelet-HHH	glrlm	RunLengthNonUniformity	137.3875519
wavelet-HHH	glrlm	ShortRunEmphasis	0.957629408
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	230.4592762
wavelet-HHH	glrlm	RunPercentage	0.945394112
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.014648695
wavelet-HHH	glrlm	RunEntropy	3.926714991
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	196.2871447
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.895702667
wavelet-HHH	glszm	GrayLevelVariance	17.4992284
wavelet-HHH	glszm	ZoneVariance	7.465277778
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.077160494
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.409722222
wavelet-HHH	glszm	SizeZoneNonUniformity	29.5
wavelet-HHH	glszm	GrayLevelNonUniformity	5.555555556
wavelet-HHH	glszm	LargeAreaEmphasis	12.52777778
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	137.2467073
wavelet-HHH	glszm	ZonePercentage	0.444444444
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.086151302
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2479.472222
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	200.5
wavelet-HHH	glszm	SmallAreaEmphasis	0.662849949
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.021535483
wavelet-HHH	glszm	ZoneEntropy	5.078211683
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018981454
wavelet-HHH	ngtdm	Coarseness	0.034220666
wavelet-HHH	ngtdm	Complexity	365.6275021

wavelet-HHH	ngtdm	Strength	3.76485935
wavelet-HHH	ngtdm	Contrast	0.207005356
wavelet-HHH	ngtdm	Busyness	0.120703251
wavelet-HLL	gldm	GrayLevelVariance	74.05746075
wavelet-HLL	gldm	HighGrayLevelEmphasis	785.8271605
wavelet-HLL	gldm	DependenceEntropy	5.928636253
wavelet-HLL	gldm	DependenceNonUniformity	58.16049383
wavelet-HLL	gldm	GrayLevelNonUniformity	7.061728395
wavelet-HLL	gldm	SmallDependenceEmphasis	0.587985254
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	442.8389438
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.359015394
wavelet-HLL	gldm	LargeDependenceEmphasis	4.012345679
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015059099
wavelet-HLL	gldm	DependenceVariance	0.851851852
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3478.481481
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010332279
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.010964784
wavelet-HLL	glcm	JointAverage	26.45233622
wavelet-HLL	glcm	SumAverage	52.90467243
wavelet-HLL	glcm	JointEntropy	7.263699533
wavelet-HLL	glcm	ClusterShade	-774.1813189
wavelet-HLL	glcm	MaximumProbability	0.015867018
wavelet-HLL	glcm	Idmn	0.952228833
wavelet-HLL	glcm	JointEnergy	0.007031553
wavelet-HLL	glcm	Contrast	135.0463512
wavelet-HLL	glcm	DifferenceEntropy	4.26258058
wavelet-HLL	glcm	InverseVariance	0.119694231
wavelet-HLL	glcm	DifferenceVariance	51.62630212
wavelet-HLL	glcm	Idn	0.859685338
wavelet-HLL	glcm	Idm	0.123387
wavelet-HLL	glcm	Correlation	0.115954093
wavelet-HLL	glcm	Autocorrelation	710.475493
wavelet-HLL	glcm	SumEntropy	5.202241341
wavelet-HLL	glcm	SumSquares	78.11654501
wavelet-HLL	glcm	ClusterProminence	113554.7356
wavelet-HLL	glcm	Imc2	0.995452073
wavelet-HLL	glcm	Imc1	-0.490536632
wavelet-HLL	glcm	DifferenceAverage	8.863726075
wavelet-HLL	glcm	Id	0.206874868
wavelet-HLL	glcm	ClusterTendency	177.4198289
wavelet-HLL	firstorder	InterquartileRange	220.7807819
wavelet-HLL	firstorder	Skewness	-0.531312065
wavelet-HLL	firstorder	Uniformity	0.043590916
wavelet-HLL	firstorder	Median	19.09627562
wavelet-HLL	firstorder	Energy	7506170.76
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	101.0327754
wavelet-HLL	firstorder	MeanAbsoluteDeviation	160.8864607
wavelet-HLL	firstorder	TotalEnergy	202666610.5
wavelet-HLL	firstorder	Maximum	556.4938152
wavelet-HLL	firstorder	RootMeanSquared	215.254239
wavelet-HLL	firstorder	90Percentile	266.5191624
wavelet-HLL	firstorder	Minimum	-628.6384317
wavelet-HLL	firstorder	Entropy	4.822981919
wavelet-HLL	firstorder	Range	1185.132247
wavelet-HLL	firstorder	Variance	46317.82986

wavelet-HLL	firstorder	10Percentile	-263.2610526
wavelet-HLL	firstorder	Kurtosis	3.77316038
wavelet-HLL	firstorder	Mean	4.069097364
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011229726
wavelet-HLL	glrlm	GrayLevelVariance	75.14682617
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011261127
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.043057401
wavelet-HLL	glrlm	RunVariance	0.033845677
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.76651024
wavelet-HLL	glrlm	LongRunEmphasis	1.097228266
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	764.1926762
wavelet-HLL	glrlm	RunLengthNonUniformity	148.3829561
wavelet-HLL	glrlm	ShortRunEmphasis	0.977906188
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	867.3922255
wavelet-HLL	glrlm	RunPercentage	0.97008547
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.011400863
wavelet-HLL	glrlm	RunEntropy	4.95202976
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	783.3497796
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.943791432
wavelet-HLL	glszm	GrayLevelVariance	89.83975207
wavelet-HLL	glszm	ZoneVariance	0.885619835
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036859504
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.558347107
wavelet-HLL	glszm	SizeZoneNonUniformity	61.41818182
wavelet-HLL	glszm	GrayLevelNonUniformity	4.054545455
wavelet-HLL	glszm	LargeAreaEmphasis	3.054545455
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	577.4621959
wavelet-HLL	glszm	ZonePercentage	0.679012346
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.0182599
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2611.436364
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	757.8272727
wavelet-HLL	glszm	SmallAreaEmphasis	0.774364822
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.015442523
wavelet-HLL	glszm	ZoneEntropy	5.7767825
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01507054
wavelet-HLL	ngtdm	Coarseness	0.038160739
wavelet-HLL	ngtdm	Complexity	3437.791315
wavelet-HLL	ngtdm	Strength	23.92993294
wavelet-HLL	ngtdm	Contrast	0.494014956
wavelet-HLL	ngtdm	Busyness	0.02312352
wavelet-LHL	gldm	GrayLevelVariance	65.29660113
wavelet-LHL	gldm	HighGrayLevelEmphasis	755.4938272
wavelet-LHL	gldm	DependenceEntropy	5.870390938
wavelet-LHL	gldm	DependenceNonUniformity	61.08641975
wavelet-LHL	gldm	GrayLevelNonUniformity	7.037037037
wavelet-LHL	gldm	SmallDependenceEmphasis	0.569819959
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	397.3616358
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.377076665
wavelet-LHL	gldm	LargeDependenceEmphasis	3.62962963
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.061559185
wavelet-LHL	gldm	DependenceVariance	0.64228014
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2986.08642
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011187208
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.02104642
wavelet-LHL	glcm	JointAverage	26.12446637

wavelet-LHL	glcm	SumAverage	52.24893274
wavelet-LHL	glcm	JointEntropy	7.192731156
wavelet-LHL	glcm	ClusterShade	-886.0807458
wavelet-LHL	glcm	MaximumProbability	0.018041954
wavelet-LHL	glcm	Idmn	0.953422114
wavelet-LHL	glcm	JointEnergy	0.007585574
wavelet-LHL	glcm	Contrast	128.8189496
wavelet-LHL	glcm	DifferenceEntropy	4.153412258
wavelet-LHL	glcm	InverseVariance	0.148680111
wavelet-LHL	glcm	DifferenceVariance	58.84304852
wavelet-LHL	glcm	Idn	0.866874896
wavelet-LHL	glcm	Idm	0.137405714
wavelet-LHL	glcm	Correlation	0.040237998
wavelet-LHL	glcm	Autocorrelation	685.0886398
wavelet-LHL	glcm	SumEntropy	5.005715194
wavelet-LHL	glcm	SumSquares	66.98545283
wavelet-LHL	glcm	ClusterProminence	79067.33004
wavelet-LHL	glcm	Imc2	0.995220463
wavelet-LHL	glcm	Imc1	-0.498257844
wavelet-LHL	glcm	DifferenceAverage	8.148024102
wavelet-LHL	glcm	Id	0.223119881
wavelet-LHL	glcm	ClusterTendency	139.1228617
wavelet-LHL	firstorder	InterquartileRange	226.3670872
wavelet-LHL	firstorder	Skewness	-0.684074578
wavelet-LHL	firstorder	Uniformity	0.0434385
wavelet-LHL	firstorder	Median	19.70612177
wavelet-LHL	firstorder	Energy	6563572.221
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	97.82020962
wavelet-LHL	firstorder	MeanAbsoluteDeviation	152.8216739
wavelet-LHL	firstorder	TotalEnergy	177216450
wavelet-LHL	firstorder	Maximum	512.9439167
wavelet-LHL	firstorder	RootMeanSquared	201.2855631
wavelet-LHL	firstorder	90Percentile	230.9925
wavelet-LHL	firstorder	Minimum	-632.8796208
wavelet-LHL	firstorder	Entropy	4.781109647
wavelet-LHL	firstorder	Range	1145.823538
wavelet-LHL	firstorder	Variance	40477.00644
wavelet-LHL	firstorder	10Percentile	-291.9723465
wavelet-LHL	firstorder	Kurtosis	3.884818464
wavelet-LHL	firstorder	Mean	-6.234698622
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.020726241
wavelet-LHL	glrlm	GrayLevelVariance	65.98250385
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.021127226
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.042904156
wavelet-LHL	glrlm	RunVariance	0.030932482
wavelet-LHL	glrlm	GrayLevelNonUniformity	6.755674503
wavelet-LHL	glrlm	LongRunEmphasis	1.090904835
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	735.3661453
wavelet-LHL	glrlm	RunLengthNonUniformity	149.1989675
wavelet-LHL	glrlm	ShortRunEmphasis	0.978940083
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	830.1717569
wavelet-LHL	glrlm	RunPercentage	0.971984805
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.022737966
wavelet-LHL	glrlm	RunEntropy	4.905246865
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	752.9313288

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.946709292
wavelet-LHL	glszm	GrayLevelVariance	74.17719008
wavelet-LHL	glszm	ZoneVariance	0.612892562
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037024793
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.506446281
wavelet-LHL	glszm	SizeZoneNonUniformity	55.70909091
wavelet-LHL	glszm	GrayLevelNonUniformity	4.072727273
wavelet-LHL	glszm	LargeAreaEmphasis	2.781818182
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	499.1176288
wavelet-LHL	glszm	ZonePercentage	0.679012346
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.050885935
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2240.363636
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	714.7272727
wavelet-LHL	glszm	SmallAreaEmphasis	0.737042929
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.021258204
wavelet-LHL	glszm	ZoneEntropy	5.766371164
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01406113
wavelet-LHL	ngtdm	Coarseness	0.035244684
wavelet-LHL	ngtdm	Complexity	3127.080933
wavelet-LHL	ngtdm	Strength	14.72003794
wavelet-LHL	ngtdm	Contrast	0.619943879
wavelet-LHL	ngtdm	Busyness	0.031299797
wavelet-LHH	gldm	GrayLevelVariance	29.35409998
wavelet-LHH	gldm	HighGrayLevelEmphasis	180.4012346
wavelet-LHH	gldm	DependenceEntropy	5.383810615
wavelet-LHH	gldm	DependenceNonUniformity	62.0617284
wavelet-LHH	gldm	GrayLevelNonUniformity	9.444444444
wavelet-LHH	gldm	SmallDependenceEmphasis	0.618355624
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	114.7709191
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.383097089
wavelet-LHH	gldm	LargeDependenceEmphasis	3.641975309
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.051011544
wavelet-LHH	gldm	DependenceVariance	0.739368999
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	625.7962963
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.024234458
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.027947121
wavelet-LHH	glcm	JointAverage	12.35031742
wavelet-LHH	glcm	SumAverage	24.70063484
wavelet-LHH	glcm	JointEntropy	7.037994477
wavelet-LHH	glcm	ClusterShade	111.9742502
wavelet-LHH	glcm	MaximumProbability	0.023507739
wavelet-LHH	glcm	Idmn	0.938302004
wavelet-LHH	glcm	JointEnergy	0.008647171
wavelet-LHH	glcm	Contrast	62.84392165
wavelet-LHH	glcm	DifferenceEntropy	3.84376971
wavelet-LHH	glcm	InverseVariance	0.169630826
wavelet-LHH	glcm	DifferenceVariance	22.1534567
wavelet-LHH	glcm	Idn	0.837210034
wavelet-LHH	glcm	Idm	0.149032998
wavelet-LHH	glcm	Correlation	-0.025022009
wavelet-LHH	glcm	Autocorrelation	151.6965643
wavelet-LHH	glcm	SumEntropy	4.626168053
wavelet-LHH	glcm	SumSquares	30.58508533
wavelet-LHH	glcm	ClusterProminence	10696.7127
wavelet-LHH	glcm	Imc2	0.97912843



wavelet-LHH	glcm	Imc1	-0.378238953
wavelet-LHH	glcm	DifferenceAverage	6.244518269
wavelet-LHH	glcm	Id	0.239096796
wavelet-LHH	glcm	ClusterTendency	59.49641966
wavelet-LHH	firstorder	InterquartileRange	193.8170849
wavelet-LHH	firstorder	Skewness	0.323714127
wavelet-LHH	firstorder	Uniformity	0.05829904
wavelet-LHH	firstorder	Median	0.813262469
wavelet-LHH	firstorder	Energy	3003011.443
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	74.41667473
wavelet-LHH	firstorder	MeanAbsoluteDeviation	107.608113
wavelet-LHH	firstorder	TotalEnergy	81081308.96
wavelet-LHH	firstorder	Maximum	421.9888827
wavelet-LHH	firstorder	RootMeanSquared	136.1510473
wavelet-LHH	firstorder	90Percentile	160.5650655
wavelet-LHH	firstorder	Minimum	-297.9466074
wavelet-LHH	firstorder	Entropy	4.346608562
wavelet-LHH	firstorder	Range	719.9354901
wavelet-LHH	firstorder	Variance	18504.06545
wavelet-LHH	firstorder	10Percentile	-174.8106268
wavelet-LHH	firstorder	Kurtosis	3.049332007
wavelet-LHH	firstorder	Mean	-5.74823622
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028291708
wavelet-LHH	glrlm	GrayLevelVariance	29.82592729
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.028475483
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.057577819
wavelet-LHH	glrlm	RunVariance	0.030003214
wavelet-LHH	glrlm	GrayLevelNonUniformity	9.07573737
wavelet-LHH	glrlm	LongRunEmphasis	1.087043244
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	177.2546813
wavelet-LHH	glrlm	RunLengthNonUniformity	149.5636067
wavelet-LHH	glrlm	ShortRunEmphasis	0.979893768
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	195.3932232
wavelet-LHH	glrlm	RunPercentage	0.972934473
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.029263655
wavelet-LHH	glrlm	RunEntropy	4.467923531
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	180.6967735
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.948578873
wavelet-LHH	glszm	GrayLevelVariance	36.54930606
wavelet-LHH	glszm	ZoneVariance	1.005113221
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.051538025
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.617401185
wavelet-LHH	glszm	SizeZoneNonUniformity	68.53153153
wavelet-LHH	glszm	GrayLevelNonUniformity	5.720720721
wavelet-LHH	glszm	LargeAreaEmphasis	3.135135135
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	151.1585611
wavelet-LHH	glszm	ZonePercentage	0.685185185
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.054700366
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	556.963964
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	183.8108108
wavelet-LHH	glszm	SmallAreaEmphasis	0.809827327
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.036528467
wavelet-LHH	glszm	ZoneEntropy	5.078571358
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034470504
wavelet-LHH	ngtdm	Coarseness	0.032177829

wavelet-LHH	ngtdm	Complexity	1255.25932
wavelet-LHH	ngtdm	Strength	7.111548171
wavelet-LHH	ngtdm	Contrast	0.381418842
wavelet-LHH	ngtdm	Busyness	0.105377647
wavelet-LLH	gldm	GrayLevelVariance	73.09327846
wavelet-LLH	gldm	HighGrayLevelEmphasis	728.0740741
wavelet-LLH	gldm	DependenceEntropy	5.749701932
wavelet-LLH	gldm	DependenceNonUniformity	64.20987654
wavelet-LLH	gldm	GrayLevelNonUniformity	6.703703704
wavelet-LLH	gldm	SmallDependenceEmphasis	0.613340192
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	445.3160151
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.396357263
wavelet-LLH	gldm	LargeDependenceEmphasis	3.345679012
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015474496
wavelet-LLH	gldm	DependenceVariance	0.608901082
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2515.419753
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009910796
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010789089
wavelet-LLH	glcm	JointAverage	24.69103749
wavelet-LLH	glcm	SumAverage	49.38207498
wavelet-LLH	glcm	JointEntropy	7.303050384
wavelet-LLH	glcm	ClusterShade	-1283.115644
wavelet-LLH	glcm	MaximumProbability	0.013118808
wavelet-LLH	glcm	Idmn	0.934382679
wavelet-LLH	glcm	JointEnergy	0.006813623
wavelet-LLH	glcm	Contrast	149.2572966
wavelet-LLH	glcm	DifferenceEntropy	4.318102609
wavelet-LLH	glcm	InverseVariance	0.11210614
wavelet-LLH	glcm	DifferenceVariance	52.61616685
wavelet-LLH	glcm	Idn	0.834850835
wavelet-LLH	glcm	Idm	0.111541991
wavelet-LLH	glcm	Correlation	0.112842848
wavelet-LLH	glcm	Autocorrelation	619.2525762
wavelet-LLH	glcm	SumEntropy	5.204731372
wavelet-LLH	glcm	SumSquares	84.17745379
wavelet-LLH	glcm	ClusterProminence	106833.1306
wavelet-LLH	glcm	Imc2	0.995596166
wavelet-LLH	glcm	Imc1	-0.504734489
wavelet-LLH	glcm	DifferenceAverage	9.505538792
wavelet-LLH	glcm	Id	0.192695946
wavelet-LLH	glcm	ClusterTendency	187.4525185
wavelet-LLH	firstorder	InterquartileRange	303.873957
wavelet-LLH	firstorder	Skewness	-0.651027682
wavelet-LLH	firstorder	Uniformity	0.041380887
wavelet-LLH	firstorder	Median	23.27475838
wavelet-LLH	firstorder	Energy	7430475.357
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	122.4440551
wavelet-LLH	firstorder	MeanAbsoluteDeviation	174.3297778
wavelet-LLH	firstorder	TotalEnergy	200622834.6
wavelet-LLH	firstorder	Maximum	402.1019272
wavelet-LLH	firstorder	RootMeanSquared	214.1661314
wavelet-LLH	firstorder	90Percentile	224.3808897
wavelet-LLH	firstorder	Minimum	-627.8581262
wavelet-LLH	firstorder	Entropy	4.806400521
wavelet-LLH	firstorder	Range	1029.960053

wavelet-LLH	firstorder	Variance	45338.80226
wavelet-LLH	firstorder	10Percentile	-325.071932
wavelet-LLH	firstorder	Kurtosis	2.96892481
wavelet-LLH	firstorder	Mean	-22.98542087
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.010973731
wavelet-LLH	glrlm	GrayLevelVariance	73.54040108
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011014817
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041260108
wavelet-LLH	glrlm	RunVariance	0.025131507
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.515788164
wavelet-LLH	glrlm	LongRunEmphasis	1.077998213
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	712.8159383
wavelet-LLH	glrlm	RunLengthNonUniformity	150.0391917
wavelet-LLH	glrlm	ShortRunEmphasis	0.980500447
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	786.0751414
wavelet-LLH	glrlm	RunPercentage	0.974833808
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.011179163
wavelet-LLH	glrlm	RunEntropy	4.91036803
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	727.4677789
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.949736986
wavelet-LLH	glszm	GrayLevelVariance	79.57402278
wavelet-LLH	glszm	ZoneVariance	0.734995383
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.040320098
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.567251462
wavelet-LLH	glszm	SizeZoneNonUniformity	64.66666667
wavelet-LLH	glszm	GrayLevelNonUniformity	4.596491228
wavelet-LLH	glszm	LargeAreaEmphasis	2.754385965
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	567.9029094
wavelet-LLH	glszm	ZonePercentage	0.703703704
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.018047663
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2004.912281
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	724.9122807
wavelet-LLH	glszm	SmallAreaEmphasis	0.781661793
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.014408626
wavelet-LLH	glszm	ZoneEntropy	5.563869922
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013874911
wavelet-LLH	ngtdm	Coarseness	0.027745491
wavelet-LLH	ngtdm	Complexity	3566.237434
wavelet-LLH	ngtdm	Strength	15.29560657
wavelet-LLH	ngtdm	Contrast	0.739130559
wavelet-LLH	ngtdm	Busyness	0.039402274
wavelet-LLL	gldm	GrayLevelVariance	349.5655007
wavelet-LLL	gldm	HighGrayLevelEmphasis	937.1790123
wavelet-LLL	gldm	DependenceEntropy	6.060636735
wavelet-LLL	gldm	DependenceNonUniformity	78.55555556
wavelet-LLL	gldm	GrayLevelNonUniformity	4.098765432
wavelet-LLL	gldm	SmallDependenceEmphasis	0.715569273
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	736.1829218
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.484910837
wavelet-LLL	gldm	LargeDependenceEmphasis	3.061728395
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.321204075
wavelet-LLL	gldm	DependenceVariance	0.755829904
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1862.993827
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013321778
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.038009713

wavelet-LLL	glcm	JointAverage	27.47022648
wavelet-LLL	glcm	SumAverage	54.94045297
wavelet-LLL	glcm	JointEntropy	7.442922984
wavelet-LLL	glcm	ClusterShade	34548.29769
wavelet-LLL	glcm	MaximumProbability	0.01398182
wavelet-LLL	glcm	Idmn	0.961659536
wavelet-LLL	glcm	JointEnergy	0.006087931
wavelet-LLL	glcm	Contrast	350.748915
wavelet-LLL	glcm	DifferenceEntropy	4.755200356
wavelet-LLL	glcm	InverseVariance	0.090422646
wavelet-LLL	glcm	DifferenceVariance	143.6281623
wavelet-LLL	glcm	Idn	0.87414541
wavelet-LLL	glcm	Idm	0.089244293
wavelet-LLL	glcm	Correlation	0.564261163
wavelet-LLL	glcm	Autocorrelation	980.9742278
wavelet-LLL	glcm	SumEntropy	5.887151375
wavelet-LLL	glcm	SumSquares	400.0276598
wavelet-LLL	glcm	ClusterProminence	4575015.117
wavelet-LLL	glcm	Imc2	0.999579407
wavelet-LLL	glcm	Imc1	-0.652550374
wavelet-LLL	glcm	DifferenceAverage	14.10978407
wavelet-LLL	glcm	Id	0.159177154
wavelet-LLL	glcm	ClusterTendency	1249.361724
wavelet-LLL	firstorder	InterquartileRange	606.1725372
wavelet-LLL	firstorder	Skewness	1.071854935
wavelet-LLL	firstorder	Uniformity	0.025301021
wavelet-LLL	firstorder	Median	-2028.505201
wavelet-LLL	firstorder	Energy	639791315.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	256.7276312
wavelet-LLL	firstorder	MeanAbsoluteDeviation	370.5564455
wavelet-LLL	firstorder	TotalEnergy	17274365526
wavelet-LLL	firstorder	Maximum	-308.0614507
wavelet-LLL	firstorder	RootMeanSquared	1987.291904
wavelet-LLL	firstorder	90Percentile	-1238.843663
wavelet-LLL	firstorder	Minimum	-2524.700556
wavelet-LLL	firstorder	Entropy	5.531067075
wavelet-LLL	firstorder	Range	2216.639105
wavelet-LLL	firstorder	Variance	218244.3504
wavelet-LLL	firstorder	10Percentile	-2424.521876
wavelet-LLL	firstorder	Kurtosis	3.766637332
wavelet-LLL	firstorder	Mean	-1931.601605
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.034698839
wavelet-LLL	glrlm	GrayLevelVariance	349.4545877
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.036450602
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025049743
wavelet-LLL	glrlm	RunVariance	0.019929544
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.977261105
wavelet-LLL	glrlm	LongRunEmphasis	1.061292808
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	936.3906349
wavelet-LLL	glrlm	RunLengthNonUniformity	152.4657771
wavelet-LLL	glrlm	ShortRunEmphasis	0.984676798
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	979.1102534
wavelet-LLL	glrlm	RunPercentage	0.98005698
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.043457657
wavelet-LLL	glrlm	RunEntropy	5.600278959

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	944.9345586
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.960140911
wavelet-LLL	glszm	GrayLevelVariance	350.5384091
wavelet-LLL	glszm	ZoneVariance	0.451608903
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023622047
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.685907372
wavelet-LLL	glszm	SizeZoneNonUniformity	87.11023622
wavelet-LLL	glszm	GrayLevelNonUniformity	3
wavelet-LLL	glszm	LargeAreaEmphasis	2.078740157
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	895.1240179
wavelet-LLL	glszm	ZonePercentage	0.783950617
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.140687636
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1610.433071
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1014.716535
wavelet-LLL	glszm	SmallAreaEmphasis	0.853388014
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.022552709
wavelet-LLL	glszm	ZoneEntropy	5.936535797
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012176558
wavelet-LLL	ngtdm	Coarseness	0.034547532
wavelet-LLL	ngtdm	Complexity	13063.78706
wavelet-LLL	ngtdm	Strength	81.70164571
wavelet-LLL	ngtdm	Contrast	1.690117476
wavelet-LLL	ngtdm	Busyness	0.030429538
wavelet-HHL	gldm	GrayLevelVariance	18.21189605
wavelet-HHL	gldm	HighGrayLevelEmphasis	170.4753086
wavelet-HHL	gldm	DependenceEntropy	5.447672383
wavelet-HHL	gldm	DependenceNonUniformity	45.49382716
wavelet-HHL	gldm	GrayLevelNonUniformity	12.67901235
wavelet-HHL	gldm	SmallDependenceEmphasis	0.462170782
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	90.73767147
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.280826094
wavelet-HHL	gldm	LargeDependenceEmphasis	5.555555556
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.052305271
wavelet-HHL	gldm	DependenceVariance	1.098765432
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	844.2283951
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011478887
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016120675
wavelet-HHL	glcm	JointAverage	12.46440222
wavelet-HHL	glcm	SumAverage	24.92880444
wavelet-HHL	glcm	JointEntropy	6.800760902
wavelet-HHL	glcm	ClusterShade	59.46663862
wavelet-HHL	glcm	MaximumProbability	0.031048032
wavelet-HHL	glcm	Idmn	0.94581973
wavelet-HHL	glcm	JointEnergy	0.010726198
wavelet-HHL	glcm	Contrast	40.61329262
wavelet-HHL	glcm	DifferenceEntropy	3.583625815
wavelet-HHL	glcm	InverseVariance	0.210694858
wavelet-HHL	glcm	DifferenceVariance	15.96090731
wavelet-HHL	glcm	Idn	0.850080024
wavelet-HHL	glcm	Idm	0.195165768
wavelet-HHL	glcm	Correlation	-0.014881444
wavelet-HHL	glcm	Autocorrelation	155.1040111
wavelet-HHL	glcm	SumEntropy	4.384193374
wavelet-HHL	glcm	SumSquares	20.04504421
wavelet-HHL	glcm	ClusterProminence	5629.385479

wavelet-HHL	glcm	Imc2	0.961727842
wavelet-HHL	glcm	Imc1	-0.327416679
wavelet-HHL	glcm	DifferenceAverage	4.900745167
wavelet-HHL	glcm	Id	0.2862183
wavelet-HHL	glcm	ClusterTendency	39.56688423
wavelet-HHL	firstorder	InterquartileRange	113.5435935
wavelet-HHL	firstorder	Skewness	0.356345345
wavelet-HHL	firstorder	Uniformity	0.078265508
wavelet-HHL	firstorder	Median	-14.31520974
wavelet-HHL	firstorder	Energy	1811920.958
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	50.01431574
wavelet-HHL	firstorder	MeanAbsoluteDeviation	80.0194696
wavelet-HHL	firstorder	TotalEnergy	48921865.88
wavelet-HHL	firstorder	Maximum	310.2187826
wavelet-HHL	firstorder	RootMeanSquared	105.7577291
wavelet-HHL	firstorder	90Percentile	132.915908
wavelet-HHL	firstorder	Minimum	-299.4696073
wavelet-HHL	firstorder	Entropy	3.998922962
wavelet-HHL	firstorder	Range	609.6883899
wavelet-HHL	firstorder	Variance	11162.4082
wavelet-HHL	firstorder	10Percentile	-134.3038916
wavelet-HHL	firstorder	Kurtosis	3.488526512
wavelet-HHL	firstorder	Mean	-4.721131104
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016211367
wavelet-HHL	glrlm	GrayLevelVariance	18.77954859
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.016482465
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.076609252
wavelet-HHL	glrlm	RunVariance	0.046734403
wavelet-HHL	glrlm	GrayLevelNonUniformity	11.88768896
wavelet-HHL	glrlm	LongRunEmphasis	1.140937165
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	166.6456948
wavelet-HHL	glrlm	RunLengthNonUniformity	142.5731019
wavelet-HHL	glrlm	ShortRunEmphasis	0.967128588
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	192.3975686
wavelet-HHL	glrlm	RunPercentage	0.957264957
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.017628088
wavelet-HHL	glrlm	RunEntropy	4.203236437
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	171.4990018
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.91798173
wavelet-HHL	glszm	GrayLevelVariance	28.30387105
wavelet-HHL	glszm	ZoneVariance	3.084423306
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.056150086
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.472849782
wavelet-HHL	glszm	SizeZoneNonUniformity	41.13793103
wavelet-HHL	glszm	GrayLevelNonUniformity	4.885057471
wavelet-HHL	glszm	LargeAreaEmphasis	6.551724138
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	147.2972941
wavelet-HHL	glszm	ZonePercentage	0.537037037
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.066526778
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	992.3793103
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	190.7931034
wavelet-HHL	glszm	SmallAreaEmphasis	0.712159864
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.02277048
wavelet-HHL	glszm	ZoneEntropy	5.32054418
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.020041824

wavelet-HHL	ngtdm	Coarseness	0.034916286
wavelet-HHL	ngtdm	Complexity	682.1372841
wavelet-HHL	ngtdm	Strength	5.473730979
wavelet-HHL	ngtdm	Contrast	0.249320445
wavelet-HHL	ngtdm	Busyness	0.1089431
wavelet-HLH	gldm	GrayLevelVariance	20.39525225
wavelet-HLH	gldm	HighGrayLevelEmphasis	155.5
wavelet-HLH	gldm	DependenceEntropy	5.448806448
wavelet-HLH	gldm	DependenceNonUniformity	45.51851852
wavelet-HLH	gldm	GrayLevelNonUniformity	11.75308642
wavelet-HLH	gldm	SmallDependenceEmphasis	0.472478514
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	81.63758923
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.280978509
wavelet-HLH	gldm	LargeDependenceEmphasis	5.975308642
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.071823458
wavelet-HLH	gldm	DependenceVariance	1.413656455
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	817.3148148
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013159468
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.019069202
wavelet-HLH	glcm	JointAverage	11.51177813
wavelet-HLH	glcm	SumAverage	23.02355625
wavelet-HLH	glcm	JointEntropy	6.825330273
wavelet-HLH	glcm	ClusterShade	161.5376552
wavelet-HLH	glcm	MaximumProbability	0.026053125
wavelet-HLH	glcm	Idmn	0.950450957
wavelet-HLH	glcm	JointEnergy	0.010334336
wavelet-HLH	glcm	Contrast	42.62964878
wavelet-HLH	glcm	DifferenceEntropy	3.637896814
wavelet-HLH	glcm	InverseVariance	0.181723729
wavelet-HLH	glcm	DifferenceVariance	16.31829233
wavelet-HLH	glcm	Idn	0.854742843
wavelet-HLH	glcm	Idm	0.185854372
wavelet-HLH	glcm	Correlation	-0.004976874
wavelet-HLH	glcm	Autocorrelation	132.3825117
wavelet-HLH	glcm	SumEntropy	4.415671387
wavelet-HLH	glcm	SumSquares	21.17393518
wavelet-HLH	glcm	ClusterProminence	6619.426593
wavelet-HLH	glcm	Imc2	0.95713008
wavelet-HLH	glcm	Imc1	-0.314376106
wavelet-HLH	glcm	DifferenceAverage	5.060546443
wavelet-HLH	glcm	Id	0.279606535
wavelet-HLH	glcm	ClusterTendency	42.06609193
wavelet-HLH	firstorder	InterquartileRange	144.0033956
wavelet-HLH	firstorder	Skewness	0.557757703
wavelet-HLH	firstorder	Uniformity	0.072549916
wavelet-HLH	firstorder	Median	-9.266665505
wavelet-HLH	firstorder	Energy	2049972.518
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	59.19155702
wavelet-HLH	firstorder	MeanAbsoluteDeviation	88.33021283
wavelet-HLH	firstorder	TotalEnergy	55349257.99
wavelet-HLH	firstorder	Maximum	378.327413
wavelet-HLH	firstorder	RootMeanSquared	112.4906723
wavelet-HLH	firstorder	90Percentile	151.1342522
wavelet-HLH	firstorder	Minimum	-264.0188213
wavelet-HLH	firstorder	Entropy	4.050661888

wavelet-HLH	firstorder	Range	642.3462343
wavelet-HLH	firstorder	Variance	12648.71984
wavelet-HLH	firstorder	10Percentile	-125.8593027
wavelet-HLH	firstorder	Kurtosis	3.517583997
wavelet-HLH	firstorder	Mean	2.330559549
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.019107382
wavelet-HLH	glrlm	GrayLevelVariance	20.75341532
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.019457818
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.071425218
wavelet-HLH	glrlm	RunVariance	0.048553483
wavelet-HLH	glrlm	GrayLevelNonUniformity	11.06610269
wavelet-HLH	glrlm	LongRunEmphasis	1.144060532
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	151.6877927
wavelet-HLH	glrlm	RunLengthNonUniformity	142.2615274
wavelet-HLH	glrlm	ShortRunEmphasis	0.966800689
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	175.8308531
wavelet-HLH	glrlm	RunPercentage	0.95631529
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021010242
wavelet-HLH	glrlm	RunEntropy	4.253629108
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	156.3398404
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.917211084
wavelet-HLH	glszm	GrayLevelVariance	26.60623659
wavelet-HLH	glszm	ZoneVariance	3.293523545
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.059967176
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.47733872
wavelet-HLH	glszm	SizeZoneNonUniformity	42.48314607
wavelet-HLH	glszm	GrayLevelNonUniformity	5.337078652
wavelet-HLH	glszm	LargeAreaEmphasis	6.606741573
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	129.4284445
wavelet-HLH	glszm	ZonePercentage	0.549382716
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.085320087
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	859.5617978
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	171.1460674
wavelet-HLH	glszm	SmallAreaEmphasis	0.717942404
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.025743054
wavelet-HLH	glszm	ZoneEntropy	5.133037297
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022297274
wavelet-HLH	ngtdm	Coarseness	0.032739748
wavelet-HLH	ngtdm	Complexity	772.0898282
wavelet-HLH	ngtdm	Strength	6.005218395
wavelet-HLH	ngtdm	Contrast	0.291877945
wavelet-HLH	ngtdm	Busyness	0.131263631



Image type	Feature Class	Feature Name	Value
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	41
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original	shape	MinorAxis	12.65529725
original	shape	Elongation	0.834694871
original	shape	SurfaceVolumeRatio	0.509223844
original	shape	Volume	1107
original	shape	MajorAxis	15.161585
original	shape	SurfaceArea	563.7107954
original	shape	Flatness	0.522620821
original	shape	LeastAxis	7.923760009
original	shape	Maximum2DDiameterColumn	13.41640786
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original	gldm	GrayLevelVariance	104.8197501
original	gldm	HighGrayLevelEmphasis	1010.682927
original	gldm	DependenceEntropy	4.73536237
original	gldm	DependenceNonUniformity	11.53658537
original	gldm	GrayLevelNonUniformity	3.390243902
original	gldm	SmallDependenceEmphasis	0.534799928
original	gldm	SmallDependenceHighGrayLevelEmphasis	378.1443889
original	gldm	DependenceNonUniformityNormalized	0.281380131
original	gldm	LargeDependenceEmphasis	8.56097561
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.031706614
original	gldm	DependenceVariance	2.963712076
original	gldm	LargeDependenceHighGrayLevelEmphasis	11739.5122
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.025933025
original	gldm	LowGrayLevelEmphasis	0.026294716
original	glcm	JointAverage	32.1407377
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original	glcm	ClusterShade	-2245.780116
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original	glcm	Idn	0.844017229
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original	glcm	Correlation	0.001386699
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original	glcm	SumSquares	81.09145341
original	glcm	ClusterProminence	100296.9942
original	glcm	Imc2	0.994403255
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original	glcm	ClusterTendency	164.9878657
original	firstorder	InterquartileRange	319
original	firstorder	Skewness	-1.151651948
original	firstorder	Uniformity	0.082688876
original	firstorder	Median	-59
original	firstorder	Energy	3724624
original	firstorder	RobustMeanAbsoluteDeviation	155.3957759
original	firstorder	MeanAbsoluteDeviation	210.92326
original	firstorder	TotalEnergy	100564848
original	firstorder	Maximum	87
original	firstorder	RootMeanSquared	301.4041934
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original	firstorder	Minimum	-892
original	firstorder	Entropy	3.987288359
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original	firstorder	Variance	64821.28971
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original	firstorder	Kurtosis	3.345461754
original	firstorder	Mean	-161.3170732
original	glrlm	ShortRunLowGrayLevelEmphasis	0.027706891
original	glrlm	GrayLevelVariance	107.1580017
original	glrlm	LowGrayLevelRunEmphasis	0.027737019
original	glrlm	GrayLevelNonUniformityNormalized	0.076902157
original	glrlm	RunVariance	0.056449589
original	glrlm	GrayLevelNonUniformity	2.990392401
original	glrlm	LongRunEmphasis	1.173548393
original	glrlm	ShortRunHighGrayLevelEmphasis	931.1687072
original	glrlm	RunLengthNonUniformity	34.96018028
original	glrlm	ShortRunEmphasis	0.958987071
original	glrlm	LongRunHighGrayLevelEmphasis	1232.084506
original	glrlm	RunPercentage	0.947467167
original	glrlm	LongRunLowGrayLevelEmphasis	0.027864107
original	glrlm	RunEntropy	4.212219414
original	glrlm	HighGrayLevelRunEmphasis	988.609227
original	glrlm	RunLengthNonUniformityNormalized	0.898496834
original	glszm	GrayLevelVariance	116.6624
original	glszm	ZoneVariance	2.3104
original	glszm	GrayLevelNonUniformityNormalized	0.0528
original	glszm	SizeZoneNonUniformityNormalized	0.5968
original	glszm	SizeZoneNonUniformity	14.92

original	glszm	GrayLevelNonUniformity	1.32
original	glszm	LargeAreaEmphasis	5
original	glszm	SmallAreaHighGrayLevelEmphasis	514.9098866
original	glszm	ZonePercentage	0.609756098
original	glszm	LargeAreaLowGrayLevelEmphasis	0.045568317
original	glszm	LargeAreaHighGrayLevelEmphasis	6361.76
original	glszm	HighGrayLevelZoneEmphasis	780.24
original	glszm	SmallAreaEmphasis	0.796371882
original	glszm	LowGrayLevelZoneEmphasis	0.042634839
original	glszm	ZoneEntropy	4.56385619
original	glszm	SmallAreaLowGrayLevelEmphasis	0.042463219
original	ngtdm	Coarseness	0.04825919
original	ngtdm	Complexity	2512.624656
original	ngtdm	Strength	31.09763481
original	ngtdm	Contrast	3.950022564
original	ngtdm	Busyness	0.030337777
wavelet-HHH	gldm	GrayLevelVariance	12.19631172
wavelet-HHH	gldm	HighGrayLevelEmphasis	80.56097561
wavelet-HHH	gldm	DependenceEntropy	4.393898956
wavelet-HHH	gldm	DependenceNonUniformity	14.51219512
wavelet-HHH	gldm	GrayLevelNonUniformity	4.073170732
wavelet-HHH	gldm	SmallDependenceEmphasis	0.456131436
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.89295393
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.353955979
wavelet-HHH	gldm	LargeDependenceEmphasis	4.317073171
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.118488439
wavelet-HHH	gldm	DependenceVariance	0.604402142
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	307.4390244
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040985674
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.052838305
wavelet-HHH	glcm	JointAverage	8.240027624
wavelet-HHH	glcm	SumAverage	16.48005525
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wavelet-HHH	glcm	ClusterShade	6.637367652
wavelet-HHH	glcm	MaximumProbability	0.063229759
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wavelet-HHH	glcm	JointEnergy	0.035306743
wavelet-HHH	glcm	Contrast	23.57499515
wavelet-HHH	glcm	DifferenceEntropy	2.811887518
wavelet-HHH	glcm	InverseVariance	0.232051453
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wavelet-HHH	glcm	ldn	0.828642571
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wavelet-HHH	glcm	Correlation	-0.042480272
wavelet-HHH	glcm	Autocorrelation	67.52247431
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wavelet-HHH	glcm	SumSquares	11.31827634
wavelet-HHH	glcm	ClusterProminence	1300.884495
wavelet-HHH	glcm	lmc2	0.986912012
wavelet-HHH	glcm	lmc1	-0.553841667
wavelet-HHH	glcm	DifferenceAverage	3.882818261
wavelet-HHH	glcm	ld	0.308795686
wavelet-HHH	glcm	ClusterTendency	21.69811022
wavelet-HHH	firstorder	InterquartileRange	101.2560038
wavelet-HHH	firstorder	Skewness	-0.013726061
wavelet-HHH	firstorder	Uniformity	0.099345628

wavelet-HHH	firstorder	Median	-9.979035229
wavelet-HHH	firstorder	Energy	325687.2764
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.44858086
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wavelet-HHH	firstorder	RootMeanSquared	89.12683157
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wavelet-HHH	firstorder	Minimum	-197.9645551
wavelet-HHH	firstorder	Entropy	3.536307262
wavelet-HHH	firstorder	Range	405.1863833
wavelet-HHH	firstorder	Variance	7906.343444
wavelet-HHH	firstorder	10Percentile	-122.5513466
wavelet-HHH	firstorder	Kurtosis	2.763528984
wavelet-HHH	firstorder	Mean	-6.103168199
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.053478949
wavelet-HHH	glrlm	GrayLevelVariance	12.47376907
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.054061362
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098159524
wavelet-HHH	glrlm	RunVariance	0.03550022
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.882474624
wavelet-HHH	glrlm	LongRunEmphasis	1.11353161
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	79.04859667
wavelet-HHH	glrlm	RunLengthNonUniformity	36.79550503
wavelet-HHH	glrlm	ShortRunEmphasis	0.971617097
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	88.82242102
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	81.00336154
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	64.25049517
wavelet-HHH	glszm	ZonePercentage	0.56097561
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.143794268
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	319.6086957
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	89.60869565
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.077909325
wavelet-HHH	glszm	ZoneEntropy	4.262692391
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.069339126
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wavelet-HLL	gldm	GrayLevelVariance	188.8352171
wavelet-HLL	gldm	HighGrayLevelEmphasis	495.5121951
wavelet-HLL	gldm	DependenceEntropy	4.820966639
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wavelet-HLL	gldm	LargeDependenceEmphasis	2.609756098
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.068679773
wavelet-HLL	gldm	DependenceVariance	0.538964902
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	963.3170732
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.043506214
wavelet-HLL	glcm	JointAverage	16.21059255
wavelet-HLL	glcm	SumAverage	32.4211851
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wavelet-HLL	glcm	ClusterShade	9469.860396
wavelet-HLL	glcm	MaximumProbability	0.040536616
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wavelet-HLL	glcm	JointEnergy	0.028221799
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wavelet-HLL	glcm	Idn	0.828582323
wavelet-HLL	glcm	Idm	0.098127774
wavelet-HLL	glcm	Correlation	0.206673348
wavelet-HLL	glcm	Autocorrelation	304.171679
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wavelet-HLL	glcm	ClusterProminence	652429.5404
wavelet-HLL	glcm	Imc2	0.999597058
wavelet-HLL	glcm	Imc1	-0.81689027
wavelet-HLL	glcm	DifferenceAverage	11.99381134
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wavelet-HLL	glcm	ClusterTendency	426.3476766
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wavelet-HLL	firstorder	Skewness	1.055779528
wavelet-HLL	firstorder	Uniformity	0.045806068
wavelet-HLL	firstorder	Median	-51.42566787
wavelet-HLL	firstorder	Energy	4908390.679
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	195.5224225
wavelet-HLL	firstorder	MeanAbsoluteDeviation	275.6942938
wavelet-HLL	firstorder	TotalEnergy	132526548.3
wavelet-HLL	firstorder	Maximum	872.6853934
wavelet-HLL	firstorder	RootMeanSquared	346.0012223
wavelet-HLL	firstorder	90Percentile	673.8790421
wavelet-HLL	firstorder	Minimum	-365.5198458
wavelet-HLL	firstorder	Entropy	4.607432797
wavelet-HLL	firstorder	Range	1238.205239
wavelet-HLL	firstorder	Variance	117119.8169
wavelet-HLL	firstorder	10Percentile	-252.9390873
wavelet-HLL	firstorder	Kurtosis	3.050943533
wavelet-HLL	firstorder	Mean	50.96105273
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.043805263
wavelet-HLL	glrlm	GrayLevelVariance	188.6013449
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.044005326
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.045123638
wavelet-HLL	glrlm	RunVariance	0.016852431

wavelet-HLL	glrlm	GrayLevelNonUniformity	1.819343821
wavelet-HLL	glrlm	LongRunEmphasis	1.052810651
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	493.6248605
wavelet-HLL	glrlm	RunLengthNonUniformity	38.98195266
wavelet-HLL	glrlm	ShortRunEmphasis	0.986797337
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	516.3608072
wavelet-HLL	glrlm	RunPercentage	0.983114447
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.044805579
wavelet-HLL	glrlm	RunEntropy	4.646459556
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	498.1720498
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.966295137
wavelet-HLL	glszm	GrayLevelVariance	182.6134068
wavelet-HLL	glszm	ZoneVariance	0.426078972
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041322314
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.730027548
wavelet-HLL	glszm	SizeZoneNonUniformity	24.09090909
wavelet-HLL	glszm	GrayLevelNonUniformity	1.363636364
wavelet-HLL	glszm	LargeAreaEmphasis	1.96969697
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	459.0151515
wavelet-HLL	glszm	ZonePercentage	0.804878049
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.065916579
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	812.1212121
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	524.3030303
wavelet-HLL	glszm	SmallAreaEmphasis	0.876473064
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.050383678
wavelet-HLL	glszm	ZoneEntropy	4.680757756
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.048767407
wavelet-HLL	ngtdm	Coarseness	0.075368335
wavelet-HLL	ngtdm	Complexity	4223.204578
wavelet-HLL	ngtdm	Strength	63.33936478
wavelet-HLL	ngtdm	Contrast	4.22734694
wavelet-HLL	ngtdm	Busyness	0.032380657
wavelet-LHL	gldm	GrayLevelVariance	270.4009518
wavelet-LHL	gldm	HighGrayLevelEmphasis	1439.707317
wavelet-LHL	gldm	DependenceEntropy	4.930484322
wavelet-LHL	gldm	DependenceNonUniformity	23.53658537
wavelet-LHL	gldm	GrayLevelNonUniformity	1.682926829
wavelet-LHL	gldm	SmallDependenceEmphasis	0.775067751
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1232.093496
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.574063058
wavelet-LHL	gldm	LargeDependenceEmphasis	2.658536585
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030207199
wavelet-LHL	gldm	DependenceVariance	0.58774539
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2689.02439
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025407029
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.025925316
wavelet-LHL	glcm	JointAverage	32.85922073
wavelet-LHL	glcm	SumAverage	65.71844145
wavelet-LHL	glcm	JointEntropy	5.206580804
wavelet-LHL	glcm	ClusterShade	5004.339652
wavelet-LHL	glcm	MaximumProbability	0.046242449
wavelet-LHL	glcm	ldmn	0.90763079
wavelet-LHL	glcm	JointEnergy	0.02890722
wavelet-LHL	glcm	Contrast	538.5368851
wavelet-LHL	glcm	DifferenceEntropy	3.87206287
wavelet-LHL	glcm	InverseVariance	0.056213595

wavelet-LHL	glcm	DifferenceVariance	173.9571685
wavelet-LHL	glcm	Idn	0.804869797
wavelet-LHL	glcm	Idm	0.076455048
wavelet-LHL	glcm	Correlation	0.01858169
wavelet-LHL	glcm	Autocorrelation	1084.381419
wavelet-LHL	glcm	SumEntropy	3.98123563
wavelet-LHL	glcm	SumSquares	272.9722585
wavelet-LHL	glcm	ClusterProminence	795903.8076
wavelet-LHL	glcm	Imc2	0.999652183
wavelet-LHL	glcm	Imc1	-0.827980141
wavelet-LHL	glcm	DifferenceAverage	18.38153908
wavelet-LHL	glcm	Id	0.135837882
wavelet-LHL	glcm	ClusterTendency	553.3521489
wavelet-LHL	firstorder	InterquartileRange	555.189764
wavelet-LHL	firstorder	Skewness	0.344877425
wavelet-LHL	firstorder	Uniformity	0.041046996
wavelet-LHL	firstorder	Median	-226.9591535
wavelet-LHL	firstorder	Energy	7628666.951
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	265.9950269
wavelet-LHL	firstorder	MeanAbsoluteDeviation	346.5993536
wavelet-LHL	firstorder	TotalEnergy	205974007.7
wavelet-LHL	firstorder	Maximum	687.4701622
wavelet-LHL	firstorder	RootMeanSquared	431.3525792
wavelet-LHL	firstorder	90Percentile	466.9530897
wavelet-LHL	firstorder	Minimum	-950.209971
wavelet-LHL	firstorder	Entropy	4.796099565
wavelet-LHL	firstorder	Range	1637.680133
wavelet-LHL	firstorder	Variance	168682.5373
wavelet-LHL	firstorder	10Percentile	-634.5556482
wavelet-LHL	firstorder	Kurtosis	2.197563352
wavelet-LHL	firstorder	Mean	-131.8427482
wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.026302808
wavelet-LHL	grlm	GrayLevelVariance	271.4999961
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.02633552
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.040297116
wavelet-LHL	grlm	RunVariance	0.016859954
wavelet-LHL	grlm	GrayLevelNonUniformity	1.624861692
wavelet-LHL	grlm	LongRunEmphasis	1.052514793
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1440.126947
wavelet-LHL	grlm	RunLengthNonUniformity	38.97386588
wavelet-LHL	grlm	ShortRunEmphasis	0.986871302
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1493.231977
wavelet-LHL	grlm	RunPercentage	0.983114447
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.02646637
wavelet-LHL	grlm	RunEntropy	4.844703886
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1450.747953
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.966280092
wavelet-LHL	glszm	GrayLevelVariance	282.3365052
wavelet-LHL	glszm	ZoneVariance	0.339965398
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034602076
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.787197232
wavelet-LHL	glszm	SizeZoneNonUniformity	26.76470588
wavelet-LHL	glszm	GrayLevelNonUniformity	1.176470588
wavelet-LHL	glszm	LargeAreaEmphasis	1.794117647
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1449.471405
wavelet-LHL	glszm	ZonePercentage	0.829268293

wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.032686633
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2196.411765
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1555.147059
wavelet-LHL	glszm	SmallAreaEmphasis	0.899509804
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.030784807
wavelet-LHL	glszm	ZoneEntropy	4.969815782
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.03056913
wavelet-LHL	ngtdm	Coarseness	0.045348459
wavelet-LHL	ngtdm	Complexity	9742.567392
wavelet-LHL	ngtdm	Strength	63.51350577
wavelet-LHL	ngtdm	Contrast	7.70792434
wavelet-LHL	ngtdm	Busyness	0.034837782
wavelet-LHH	gldm	GrayLevelVariance	99.50624628
wavelet-LHH	gldm	HighGrayLevelEmphasis	566.4878049
wavelet-LHH	gldm	DependenceEntropy	4.686581883
wavelet-LHH	gldm	DependenceNonUniformity	22.65853659
wavelet-LHH	gldm	GrayLevelNonUniformity	1.926829268
wavelet-LHH	gldm	SmallDependenceEmphasis	0.758807588
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	431.8604336
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.552647234
wavelet-LHH	gldm	LargeDependenceEmphasis	2.073170732
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031781116
wavelet-LHH	gldm	DependenceVariance	0.273646639
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1216
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.027312315
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.028184903
wavelet-LHH	glcm	JointAverage	22.02368565
wavelet-LHH	glcm	SumAverage	44.04737129
wavelet-LHH	glcm	JointEntropy	5.209823189
wavelet-LHH	glcm	ClusterShade	825.4749843
wavelet-LHH	glcm	MaximumProbability	0.043476658
wavelet-LHH	glcm	ldmn	0.92555389
wavelet-LHH	glcm	JointEnergy	0.028681156
wavelet-LHH	glcm	Contrast	207.115206
wavelet-LHH	glcm	DifferenceEntropy	3.614108319
wavelet-LHH	glcm	InverseVariance	0.081947584
wavelet-LHH	glcm	DifferenceVariance	71.18904979
wavelet-LHH	glcm	ldn	0.821463045
wavelet-LHH	glcm	ldm	0.081332753
wavelet-LHH	glcm	Correlation	-0.092462449
wavelet-LHH	glcm	Autocorrelation	478.3594
wavelet-LHH	glcm	SumEntropy	3.927461621
wavelet-LHH	glcm	SumSquares	95.48572917
wavelet-LHH	glcm	ClusterProminence	100050.8163
wavelet-LHH	glcm	lmc2	0.999451503
wavelet-LHH	glcm	lmc1	-0.794959842
wavelet-LHH	glcm	DifferenceAverage	11.38776121
wavelet-LHH	glcm	ld	0.159402761
wavelet-LHH	glcm	ClusterTendency	174.8277106
wavelet-LHH	firstorder	InterquartileRange	283.7240911
wavelet-LHH	firstorder	Skewness	0.516733953
wavelet-LHH	firstorder	Uniformity	0.046995836
wavelet-LHH	firstorder	Median	-26.50548072
wavelet-LHH	firstorder	Energy	2517387.17
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	133.267776
wavelet-LHH	firstorder	MeanAbsoluteDeviation	195.908921



wavelet-LHH	firstorder	TotalEnergy	67969453.59
wavelet-LHH	firstorder	Maximum	640.050284
wavelet-LHH	firstorder	RootMeanSquared	247.7896024
wavelet-LHH	firstorder	90Percentile	288.3108159
wavelet-LHH	firstorder	Minimum	-500.3424428
wavelet-LHH	firstorder	Entropy	4.552197126
wavelet-LHH	firstorder	Range	1140.392727
wavelet-LHH	firstorder	Variance	61389.91303
wavelet-LHH	firstorder	10Percentile	-281.3012544
wavelet-LHH	firstorder	Kurtosis	3.063351855
wavelet-LHH	firstorder	Mean	3.126347357
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028487251
wavelet-LHH	glrlm	GrayLevelVariance	99.87244587
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.028522661
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.046967409
wavelet-LHH	glrlm	RunVariance	0.013109954
wavelet-LHH	glrlm	GrayLevelNonUniformity	1.900435368
wavelet-LHH	glrlm	LongRunEmphasis	1.040976331
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	560.2391423
wavelet-LHH	glrlm	RunLengthNonUniformity	39.42771203
wavelet-LHH	glrlm	ShortRunEmphasis	0.989755917
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	590.2095565
wavelet-LHH	glrlm	RunPercentage	0.986866792
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.028664302
wavelet-LHH	glrlm	RunEntropy	4.565358915
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	566.2332251
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.973780092
wavelet-LHH	glszm	GrayLevelVariance	105.4126298
wavelet-LHH	glszm	ZoneVariance	0.222318339
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.046712803
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.700692042
wavelet-LHH	glszm	SizeZoneNonUniformity	23.82352941
wavelet-LHH	glszm	GrayLevelNonUniformity	1.588235294
wavelet-LHH	glszm	LargeAreaEmphasis	1.676470588
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	490.6478758
wavelet-LHH	glszm	ZonePercentage	0.829268293
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.035471511
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	984.3529412
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	562.6176471
wavelet-LHH	glszm	SmallAreaEmphasis	0.863562092
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.033274483
wavelet-LHH	glszm	ZoneEntropy	4.631292988
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.03275714
wavelet-LHH	ngtdm	Coarseness	0.07003184
wavelet-LHH	ngtdm	Complexity	3252.408925
wavelet-LHH	ngtdm	Strength	34.07938666
wavelet-LHH	ngtdm	Contrast	2.635439619
wavelet-LHH	ngtdm	Busyness	0.037128868
wavelet-LLH	gldm	GrayLevelVariance	237.8108269
wavelet-LLH	gldm	HighGrayLevelEmphasis	1107.341463
wavelet-LLH	gldm	DependenceEntropy	4.967308102
wavelet-LLH	gldm	DependenceNonUniformity	23.3902439
wavelet-LLH	gldm	GrayLevelNonUniformity	1.731707317
wavelet-LLH	gldm	SmallDependenceEmphasis	0.784044715
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1040.202744
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.570493754

wavelet-LLH	gldm	LargeDependenceEmphasis	2.463414634
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032664511
wavelet-LLH	gldm	DependenceVariance	0.530636526
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1534.219512
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.026499266
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.027246538
wavelet-LLH	glcm	JointAverage	28.45830637
wavelet-LLH	glcm	SumAverage	56.91661274
wavelet-LLH	glcm	JointEntropy	5.20467193
wavelet-LLH	glcm	ClusterShade	10935.44996
wavelet-LLH	glcm	MaximumProbability	0.046774899
wavelet-LLH	glcm	ldmn	0.944932881
wavelet-LLH	glcm	JointEnergy	0.028784927
wavelet-LLH	glcm	Contrast	282.1206882
wavelet-LLH	glcm	DifferenceEntropy	3.604080316
wavelet-LLH	glcm	InverseVariance	0.095856766
wavelet-LLH	glcm	DifferenceVariance	114.2313463
wavelet-LLH	glcm	ldn	0.85504226
wavelet-LLH	glcm	ldm	0.09330203
wavelet-LLH	glcm	Correlation	0.335154544
wavelet-LLH	glcm	Autocorrelation	891.1986241
wavelet-LLH	glcm	SumEntropy	4.027865119
wavelet-LLH	glcm	SumSquares	220.226893
wavelet-LLH	glcm	ClusterProminence	903173.0049
wavelet-LLH	glcm	lmc2	0.999565484
wavelet-LLH	glcm	lmc1	-0.813942072
wavelet-LLH	glcm	DifferenceAverage	12.45836276
wavelet-LLH	glcm	ld	0.17156775
wavelet-LLH	glcm	ClusterTendency	598.7868837
wavelet-LLH	firstorder	InterquartileRange	660.3048498
wavelet-LLH	firstorder	Skewness	0.487401252
wavelet-LLH	firstorder	Uniformity	0.042236764
wavelet-LLH	firstorder	Median	-144.3182122
wavelet-LLH	firstorder	Energy	6132039.955
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	248.6308279
wavelet-LLH	firstorder	MeanAbsoluteDeviation	326.1357084
wavelet-LLH	firstorder	TotalEnergy	165565078.8
wavelet-LLH	firstorder	Maximum	872.0129286
wavelet-LLH	firstorder	RootMeanSquared	386.7324012
wavelet-LLH	firstorder	90Percentile	555.4380834
wavelet-LLH	firstorder	Minimum	-736.9010849
wavelet-LLH	firstorder	Entropy	4.753774261
wavelet-LLH	firstorder	Range	1608.914014
wavelet-LLH	firstorder	Variance	149003.3232
wavelet-LLH	firstorder	10Percentile	-386.1047793
wavelet-LLH	firstorder	Kurtosis	2.303872675
wavelet-LLH	firstorder	Mean	-23.63529055
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.027575129
wavelet-LLH	glrlm	GrayLevelVariance	238.9499067
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.027617498
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041399116
wavelet-LLH	glrlm	RunVariance	0.014968437
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.672741187
wavelet-LLH	glrlm	LongRunEmphasis	1.047064777
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1116.478273
wavelet-LLH	glrlm	RunLengthNonUniformity	39.20951417

wavelet-LLH	glrlm	ShortRunEmphasis	0.988233806
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1134.125667
wavelet-LLH	glrlm	RunPercentage	0.984990619
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.02778697
wavelet-LLH	glrlm	RunEntropy	4.795593045
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1120.007752
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.970063126
wavelet-LLH	glszm	GrayLevelVariance	249.3814879
wavelet-LLH	glszm	ZoneVariance	0.398788927
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.03633218
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.783737024
wavelet-LLH	glszm	SizeZoneNonUniformity	26.64705882
wavelet-LLH	glszm	GrayLevelNonUniformity	1.235294118
wavelet-LLH	glszm	LargeAreaEmphasis	1.852941176
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1240.244485
wavelet-LLH	glszm	ZonePercentage	0.829268293
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.035210002
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1528.617647
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1271.5
wavelet-LLH	glszm	SmallAreaEmphasis	0.902165033
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.032138028
wavelet-LLH	glszm	ZoneEntropy	4.852168724
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.031811785
wavelet-LLH	ngtdm	Coarseness	0.065184523
wavelet-LLH	ngtdm	Complexity	5981.038679
wavelet-LLH	ngtdm	Strength	79.32552888
wavelet-LLH	ngtdm	Contrast	5.181913941
wavelet-LLH	ngtdm	Busyness	0.033531488
wavelet-LLL	gldm	GrayLevelVariance	570.0440214
wavelet-LLL	gldm	HighGrayLevelEmphasis	2954.341463
wavelet-LLL	gldm	DependenceEntropy	5.064869078
wavelet-LLL	gldm	DependenceNonUniformity	30.75609756
wavelet-LLL	gldm	GrayLevelNonUniformity	1.292682927
wavelet-LLL	gldm	SmallDependenceEmphasis	0.890243902
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2425.134146
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.750148721
wavelet-LLL	gldm	LargeDependenceEmphasis	1.43902439
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031890395
wavelet-LLL	gldm	DependenceVariance	0.12492564
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5071.170732
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.031727971
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.031760456
wavelet-LLL	glcm	JointAverage	55.14052125
wavelet-LLL	glcm	SumAverage	110.2810425
wavelet-LLL	glcm	JointEntropy	5.269250254
wavelet-LLL	glcm	ClusterShade	-15029.96822
wavelet-LLL	glcm	MaximumProbability	0.030978192
wavelet-LLL	glcm	ldmn	0.918539684
wavelet-LLL	glcm	JointEnergy	0.027146481
wavelet-LLL	glcm	Contrast	900.38865
wavelet-LLL	glcm	DifferenceEntropy	4.027653991
wavelet-LLL	glcm	InverseVariance	0.049746404
wavelet-LLL	glcm	DifferenceVariance	273.3520864
wavelet-LLL	glcm	ldn	0.80988429
wavelet-LLL	glcm	ldm	0.044724256
wavelet-LLL	glcm	Correlation	0.161303631

wavelet-LLL	glcm	Autocorrelation	3133.454833
wavelet-LLL	glcm	SumEntropy	4.16440332
wavelet-LLL	glcm	SumSquares	540.643215
wavelet-LLL	glcm	ClusterProminence	3951153.107
wavelet-LLL	glcm	Imc2	0.999902732
wavelet-LLL	glcm	Imc1	-0.899706873
wavelet-LLL	glcm	DifferenceAverage	24.61610626
wavelet-LLL	glcm	Id	0.095300439
wavelet-LLL	glcm	ClusterTendency	1262.18421
wavelet-LLL	firstorder	InterquartileRange	968.7480925
wavelet-LLL	firstorder	Skewness	-0.058805363
wavelet-LLL	firstorder	Uniformity	0.031528852
wavelet-LLL	firstorder	Median	-790.278416
wavelet-LLL	firstorder	Energy	32809761.41
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	387.7287074
wavelet-LLL	firstorder	MeanAbsoluteDeviation	507.0203205
wavelet-LLL	firstorder	TotalEnergy	885863558.2
wavelet-LLL	firstorder	Maximum	483.3332869
wavelet-LLL	firstorder	RootMeanSquared	894.5602737
wavelet-LLL	firstorder	90Percentile	193.1187326
wavelet-LLL	firstorder	Minimum	-1850.608142
wavelet-LLL	firstorder	Entropy	5.064869078
wavelet-LLL	firstorder	Range	2333.941429
wavelet-LLL	firstorder	Variance	354684.5017
wavelet-LLL	firstorder	10Percentile	-1384.403734
wavelet-LLL	firstorder	Kurtosis	2.209105982
wavelet-LLL	firstorder	Mean	-667.4980012
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.031943769
wavelet-LLL	glrlm	GrayLevelVariance	569.4514106
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.031945077
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.031459084
wavelet-LLL	glrlm	RunVariance	0.005617477
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.282664646
wavelet-LLL	glrlm	LongRunEmphasis	1.01760355
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2922.372054
wavelet-LLL	glrlm	RunLengthNonUniformity	40.32731755
wavelet-LLL	glrlm	ShortRunEmphasis	0.995599112
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3028.025716
wavelet-LLL	glrlm	RunPercentage	0.994371482
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.03195031
wavelet-LLL	glrlm	RunEntropy	5.066597074
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2943.502787
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.988765046
wavelet-LLL	glszm	GrayLevelVariance	560.6599723
wavelet-LLL	glszm	ZoneVariance	0.072714681
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.030470914
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.854570637
wavelet-LLL	glszm	SizeZoneNonUniformity	32.47368421
wavelet-LLL	glszm	GrayLevelNonUniformity	1.157894737
wavelet-LLL	glszm	LargeAreaEmphasis	1.236842105
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2521.427632
wavelet-LLL	glszm	ZonePercentage	0.926829268
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.034314593
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3948.894737
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2806.921053
wavelet-LLL	glszm	SmallAreaEmphasis	0.940789474

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.034244494
wavelet-LLL	glszm	ZoneEntropy	5.090032777
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.034226969
wavelet-LLL	ngtdm	Coarseness	0.044795258
wavelet-LLL	ngtdm	Complexity	19134.48213
wavelet-LLL	ngtdm	Strength	116.0770043
wavelet-LLL	ngtdm	Contrast	16.28010521
wavelet-LLL	ngtdm	Busyness	0.020312371
wavelet-HHL	gldm	GrayLevelVariance	48.41165973
wavelet-HHL	gldm	HighGrayLevelEmphasis	476.195122
wavelet-HHL	gldm	DependenceEntropy	4.528283712
wavelet-HHL	gldm	DependenceNonUniformity	20.31707317
wavelet-HHL	gldm	GrayLevelNonUniformity	2.512195122
wavelet-HHL	gldm	SmallDependenceEmphasis	0.685636856
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	322.8170732
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.49553837
wavelet-HHL	gldm	LargeDependenceEmphasis	2.365853659
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031015819
wavelet-HHL	gldm	DependenceVariance	0.295062463
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1137.512195
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.027193919
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.027909138
wavelet-HHL	glcm	JointAverage	20.4511752
wavelet-HHL	glcm	SumAverage	40.9023504
wavelet-HHL	glcm	JointEntropy	5.129212657
wavelet-HHL	glcm	ClusterShade	35.03425068
wavelet-HHL	glcm	MaximumProbability	0.051912743
wavelet-HHL	glcm	Idmn	0.949082097
wavelet-HHL	glcm	JointEnergy	0.030972914
wavelet-HHL	glcm	Contrast	86.23012937
wavelet-HHL	glcm	DifferenceEntropy	3.222872975
wavelet-HHL	glcm	InverseVariance	0.151457473
wavelet-HHL	glcm	DifferenceVariance	36.3490495
wavelet-HHL	glcm	Idn	0.855735507
wavelet-HHL	glcm	Idm	0.128677138
wavelet-HHL	glcm	Correlation	-0.048710809
wavelet-HHL	glcm	Autocorrelation	417.3775157
wavelet-HHL	glcm	SumEntropy	3.66034539
wavelet-HHL	glcm	SumSquares	41.16203607
wavelet-HHL	glcm	ClusterProminence	27461.05662
wavelet-HHL	glcm	Imc2	0.99852009
wavelet-HHL	glcm	Imc1	-0.736256552
wavelet-HHL	glcm	DifferenceAverage	6.958141009
wavelet-HHL	glcm	Id	0.221708809
wavelet-HHL	glcm	ClusterTendency	78.41801492
wavelet-HHL	firstorder	InterquartileRange	195.7972149
wavelet-HHL	firstorder	Skewness	-0.174961467
wavelet-HHL	firstorder	Uniformity	0.061273052
wavelet-HHL	firstorder	Median	27.49356828
wavelet-HHL	firstorder	Energy	1232391.413
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	78.19276696
wavelet-HHL	firstorder	MeanAbsoluteDeviation	125.9863928
wavelet-HHL	firstorder	TotalEnergy	33274568.16
wavelet-HHL	firstorder	Maximum	430.0717365
wavelet-HHL	firstorder	RootMeanSquared	173.373375
wavelet-HHL	firstorder	90Percentile	213.5214864

wavelet-HHL	firstorder	Minimum	-451.7293395
wavelet-HHL	firstorder	Entropy	4.208297969
wavelet-HHL	firstorder	Range	881.801076
wavelet-HHL	firstorder	Variance	29322.75287
wavelet-HHL	firstorder	10Percentile	-130.9979959
wavelet-HHL	firstorder	Kurtosis	4.016373441
wavelet-HHL	firstorder	Mean	27.12147273
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.028330454
wavelet-HHL	grlm	GrayLevelVariance	49.0351697
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.028360447
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.060838349
wavelet-HHL	grlm	RunVariance	0.016852431
wavelet-HHL	grlm	GrayLevelNonUniformity	2.45272045
wavelet-HHL	grlm	LongRunEmphasis	1.052810651
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	469.5969666
wavelet-HHL	grlm	RunLengthNonUniformity	38.98195266
wavelet-HHL	grlm	ShortRunEmphasis	0.986797337
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	501.6988526
wavelet-HHL	grlm	RunPercentage	0.983114447
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.02848042
wavelet-HHL	grlm	RunEntropy	4.245511338
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	476.0173438
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.966295137
wavelet-HHL	glszm	GrayLevelVariance	58.359375
wavelet-HHL	glszm	ZoneVariance	0.264648438
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.0546875
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.611328125
wavelet-HHL	glszm	SizeZoneNonUniformity	19.5625
wavelet-HHL	glszm	GrayLevelNonUniformity	1.75
wavelet-HHL	glszm	LargeAreaEmphasis	1.90625
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	379.453125
wavelet-HHL	glszm	ZonePercentage	0.780487805
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037179877
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	910.9375
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	473.5
wavelet-HHL	glszm	SmallAreaEmphasis	0.808159722
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.035118798
wavelet-HHL	glszm	ZoneEntropy	4.5625
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.034682263
wavelet-HHL	ngtdm	Coarseness	0.11049661
wavelet-HHL	ngtdm	Complexity	1103.798304
wavelet-HHL	ngtdm	Strength	27.31753621
wavelet-HHL	ngtdm	Contrast	1.120318948
wavelet-HHL	ngtdm	Busyness	0.033332025
wavelet-HLH	gldm	GrayLevelVariance	18.743605
wavelet-HLH	gldm	HighGrayLevelEmphasis	169.8536585
wavelet-HLH	gldm	DependenceEntropy	4.393898956
wavelet-HLH	gldm	DependenceNonUniformity	17.43902439
wavelet-HLH	gldm	GrayLevelNonUniformity	3.487804878
wavelet-HLH	gldm	SmallDependenceEmphasis	0.635968835
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	118.6494648
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.425342058
wavelet-HLH	gldm	LargeDependenceEmphasis	3.43902439
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.056862554
wavelet-HLH	gldm	DependenceVariance	0.768590125
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	540.7804878

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.030156063
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.034334167
wavelet-HLH	glcm	JointAverage	12.76711659
wavelet-HLH	glcm	SumAverage	25.53423319
wavelet-HLH	glcm	JointEntropy	5.069725237
wavelet-HLH	glcm	ClusterShade	-83.97147954
wavelet-HLH	glcm	MaximumProbability	0.056846494
wavelet-HLH	glcm	ldmn	0.933814555
wavelet-HLH	glcm	JointEnergy	0.032308751
wavelet-HLH	glcm	Contrast	35.75931965
wavelet-HLH	glcm	DifferenceEntropy	3.110271092
wavelet-HLH	glcm	InverseVariance	0.181548211
wavelet-HLH	glcm	DifferenceVariance	12.30500194
wavelet-HLH	glcm	ldn	0.827814546
wavelet-HLH	glcm	ldm	0.161882602
wavelet-HLH	glcm	Correlation	-0.072139651
wavelet-HLH	glcm	Autocorrelation	162.1281497
wavelet-HLH	glcm	SumEntropy	3.56011133
wavelet-HLH	glcm	SumSquares	16.8239491
wavelet-HLH	glcm	ClusterProminence	3167.842167
wavelet-HLH	glcm	lmc2	0.992442369
wavelet-HLH	glcm	lmc1	-0.593910692
wavelet-HLH	glcm	DifferenceAverage	4.803630378
wavelet-HLH	glcm	ld	0.262557138
wavelet-HLH	glcm	ClusterTendency	31.53647675
wavelet-HLH	firstorder	InterquartileRange	126.0570462
wavelet-HLH	firstorder	Skewness	-0.401685214
wavelet-HLH	firstorder	Uniformity	0.085068412
wavelet-HLH	firstorder	Median	9.638193137
wavelet-HLH	firstorder	Energy	482565.9774
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	60.3762204
wavelet-HLH	firstorder	MeanAbsoluteDeviation	86.99432668
wavelet-HLH	firstorder	TotalEnergy	13029281.39
wavelet-HLH	firstorder	Maximum	215.1190832
wavelet-HLH	firstorder	RootMeanSquared	108.4891787
wavelet-HLH	firstorder	90Percentile	135.7031628
wavelet-HLH	firstorder	Minimum	-297.589695
wavelet-HLH	firstorder	Entropy	3.750861688
wavelet-HLH	firstorder	Range	512.7087782
wavelet-HLH	firstorder	Variance	11736.51818
wavelet-HLH	firstorder	10Percentile	-133.7138876
wavelet-HLH	firstorder	Kurtosis	3.016056756
wavelet-HLH	firstorder	Mean	-5.777863492
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.034756263
wavelet-HLH	glrlm	GrayLevelVariance	18.9855648
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.034949035
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.084053063
wavelet-HLH	glrlm	RunVariance	0.024344908
wavelet-HLH	glrlm	GrayLevelNonUniformity	3.36311156
wavelet-HLH	glrlm	LongRunEmphasis	1.076183432
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	167.6095083
wavelet-HLH	glrlm	RunLengthNonUniformity	38.08234714
wavelet-HLH	glrlm	ShortRunEmphasis	0.980954142
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	181.6612835
wavelet-HLH	glrlm	RunPercentage	0.975609756
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.035720124

wavelet-HLH	glrlm	RunEntropy	3.830545608
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	170.4198634
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.951310183
wavelet-HLH	glszm	GrayLevelVariance	21.64555556
wavelet-HLH	glszm	ZoneVariance	0.632222222
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.077777778
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.593333333
wavelet-HLH	glszm	SizeZoneNonUniformity	17.8
wavelet-HLH	glszm	GrayLevelNonUniformity	2.333333333
wavelet-HLH	glszm	LargeAreaEmphasis	2.5
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	151.6336667
wavelet-HLH	glszm	ZonePercentage	0.731707317
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.057317786
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	404.8666667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	179.5666667
wavelet-HLH	glszm	SmallAreaEmphasis	0.793
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.042909581
wavelet-HLH	glszm	ZoneEntropy	4.189898095
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.040301612
wavelet-HLH	ngtdm	Coarseness	0.102300266
wavelet-HLH	ngtdm	Complexity	392.5448407
wavelet-HLH	ngtdm	Strength	10.66362606
wavelet-HLH	ngtdm	Contrast	0.568233425
wavelet-HLH	ngtdm	Busyness	0.063818626



Image type	Feature Class	Feature Name	Value
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	015efed8b51513c66fc89e5583601747dfddb5b8
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	aa2277787191d2f95504335c214af856b5765141
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	56
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original	shape	Maximum2DDiameterSlice	16.15549442
original	shape	Sphericity	0.852878098
original	shape	MinorAxis	13.3785307
original	shape	Elongation	0.724121095
original	shape	SurfaceVolumeRatio	0.494022314
original	shape	Volume	1512
original	shape	MajorAxis	18.47554339
original	shape	SurfaceArea	746.9617388
original	shape	Flatness	0.497831386
original	shape	LeastAxis	9.19770538
original	shape	Maximum2DDiameterColumn	12.72792206
original	shape	Maximum2DDiameterRow	16.15549442
original	gldm	GrayLevelVariance	89.91039541
original	gldm	HighGrayLevelEmphasis	931.9464286
original	gldm	DependenceEntropy	5.030394654
original	gldm	DependenceNonUniformity	20.39285714
original	gldm	GrayLevelNonUniformity	3.214285714
original	gldm	SmallDependenceEmphasis	0.603144841
original	gldm	SmallDependenceHighGrayLevelEmphasis	425.4594444
original	gldm	DependenceNonUniformityNormalized	0.364158163
original	gldm	LargeDependenceEmphasis	4.142857143
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.022426005
original	gldm	DependenceVariance	0.954081633
original	gldm	LargeDependenceHighGrayLevelEmphasis	5016.517857
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.019642326
original	gldm	LowGrayLevelEmphasis	0.019962846
original	glcm	JointAverage	30.41422938
original	glcm	SumAverage	60.82845876
original	glcm	JointEntropy	5.628032429
original	glcm	ClusterShade	-1309.178871
original	glcm	MaximumProbability	0.041252994
original	glcm	Idmn	0.925267973
original	glcm	JointEnergy	0.021443982
original	glcm	Contrast	146.6376131
original	glcm	DifferenceEntropy	3.81252095
original	glcm	InverseVariance	0.174890945

original	glcm	DifferenceVariance	66.24471389
original	glcm	Idn	0.835131099
original	glcm	Idm	0.159028007
original	glcm	Correlation	-0.039720546
original	glcm	Autocorrelation	923.4280891
original	glcm	SumEntropy	4.171732679
original	glcm	SumSquares	70.98521381
original	glcm	ClusterProminence	59886.6892
original	glcm	Imc2	0.996680348
original	glcm	Imc1	-0.628288949
original	glcm	DifferenceAverage	8.925478437
original	glcm	Id	0.233798923
original	glcm	ClusterTendency	137.3032422
original	firstorder	InterquartileRange	358.5
original	firstorder	Skewness	-1.033853177
original	firstorder	Uniformity	0.057397959
original	firstorder	Median	-83.5
original	firstorder	Energy	4651775
original	firstorder	RobustMeanAbsoluteDeviation	138.7975207
original	firstorder	MeanAbsoluteDeviation	194.6007653
original	firstorder	TotalEnergy	125597925
original	firstorder	Maximum	97
original	firstorder	RootMeanSquared	288.2141751
original	firstorder	90Percentile	58.5
original	firstorder	Minimum	-855
original	firstorder	Entropy	4.361038521
original	firstorder	Range	952
original	firstorder	Variance	56480.94356
original	firstorder	10Percentile	-536
original	firstorder	Kurtosis	3.161541362
original	firstorder	Mean	-163.0535714
original	glrlm	ShortRunLowGrayLevelEmphasis	0.020553038
original	glrlm	GrayLevelVariance	90.98435473
original	glrlm	LowGrayLevelRunEmphasis	0.020571153
original	glrlm	GrayLevelNonUniformityNormalized	0.056141421
original	glrlm	RunVariance	0.033086557
original	glrlm	GrayLevelNonUniformity	3.050557286
original	glrlm	LongRunEmphasis	1.098143994
original	glrlm	ShortRunHighGrayLevelEmphasis	890.8654611
original	glrlm	RunLengthNonUniformity	51.21926928
original	glrlm	ShortRunEmphasis	0.977107657
original	glrlm	LongRunHighGrayLevelEmphasis	1047.432042
original	glrlm	RunPercentage	0.96978022
original	glrlm	LongRunLowGrayLevelEmphasis	0.020648686
original	glrlm	RunEntropy	4.463932696
original	glrlm	HighGrayLevelRunEmphasis	920.4746352
original	glrlm	RunLengthNonUniformityNormalized	0.942190564
original	glszm	GrayLevelVariance	96.03360117
original	glszm	ZoneVariance	1.330898466
original	glszm	GrayLevelNonUniformityNormalized	0.047479912
original	glszm	SizeZoneNonUniformityNormalized	0.628926224
original	glszm	SizeZoneNonUniformity	23.27027027
original	glszm	GrayLevelNonUniformity	1.756756757
original	glszm	LargeAreaEmphasis	3.621621622
original	glszm	SmallAreaHighGrayLevelEmphasis	515.4100976
original	glszm	ZonePercentage	0.660714286
original	glszm	LargeAreaLowGrayLevelEmphasis	0.031845825
original	glszm	LargeAreaHighGrayLevelEmphasis	4180.405405

original	glszm	HighGrayLevelZoneEmphasis	746.972973
original	glszm	SmallAreaEmphasis	0.812875375
original	glszm	LowGrayLevelZoneEmphasis	0.029806025
original	glszm	ZoneEntropy	4.756618568
original	glszm	SmallAreaLowGrayLevelEmphasis	0.029648582
original	ngtdm	Coarseness	0.046252019
original	ngtdm	Complexity	2704.334171
original	ngtdm	Strength	26.10066962
original	ngtdm	Contrast	2.255061866
original	ngtdm	Busyness	0.029798138
wavelet-HHH	gldm	GrayLevelVariance	25.39253827
wavelet-HHH	gldm	HighGrayLevelEmphasis	227.9464286
wavelet-HHH	gldm	DependenceEntropy	4.775668538
wavelet-HHH	gldm	DependenceNonUniformity	22.25
wavelet-HHH	gldm	GrayLevelNonUniformity	4.214285714
wavelet-HHH	gldm	SmallDependenceEmphasis	0.616071429
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	146.9166667
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.397321429
wavelet-HHH	gldm	LargeDependenceEmphasis	3.25
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040198128
wavelet-HHH	gldm	DependenceVariance	0.551020408
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	705.1607143
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023726233
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.026324036
wavelet-HHH	glcm	JointAverage	14.2068383
wavelet-HHH	glcm	SumAverage	28.4136766
wavelet-HHH	glcm	JointEntropy	5.530607591
wavelet-HHH	glcm	ClusterShade	-50.51574838
wavelet-HHH	glcm	MaximumProbability	0.044320007
wavelet-HHH	glcm	Idmn	0.919822497
wavelet-HHH	glcm	JointEnergy	0.023545062
wavelet-HHH	glcm	Contrast	58.30960399
wavelet-HHH	glcm	DifferenceEntropy	3.416521983
wavelet-HHH	glcm	InverseVariance	0.160385816
wavelet-HHH	glcm	DifferenceVariance	19.89863235
wavelet-HHH	glcm	Idn	0.814973003
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wavelet-HHH	glcm	Correlation	-0.071038567
wavelet-HHH	glcm	Autocorrelation	200.0469025
wavelet-HHH	glcm	SumEntropy	3.813288917
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wavelet-HHH	glcm	ClusterProminence	7137.777145
wavelet-HHH	glcm	Imc2	0.995865056
wavelet-HHH	glcm	Imc1	-0.61278553
wavelet-HHH	glcm	DifferenceAverage	6.085563834
wavelet-HHH	glcm	Id	0.239134777
wavelet-HHH	glcm	ClusterTendency	50.95029922
wavelet-HHH	firstorder	InterquartileRange	171.5119096
wavelet-HHH	firstorder	Skewness	-0.273999586
wavelet-HHH	firstorder	Uniformity	0.075255102
wavelet-HHH	firstorder	Median	-0.521113729
wavelet-HHH	firstorder	Energy	893352.7243
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	71.04564951
wavelet-HHH	firstorder	MeanAbsoluteDeviation	102.3509606
wavelet-HHH	firstorder	TotalEnergy	24120523.56
wavelet-HHH	firstorder	Maximum	245.11335
wavelet-HHH	firstorder	RootMeanSquared	126.3041061
wavelet-HHH	firstorder	90Percentile	151.5086618

wavelet-HHH	firstorder	Minimum	-328.4788114
wavelet-HHH	firstorder	Entropy	4.009706877
wavelet-HHH	firstorder	Range	573.5921615
wavelet-HHH	firstorder	Variance	15903.33689
wavelet-HHH	firstorder	10Percentile	-179.5536104
wavelet-HHH	firstorder	Kurtosis	2.700478174
wavelet-HHH	firstorder	Mean	-7.027825365
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.026716096
wavelet-HHH	glrlm	GrayLevelVariance	25.75301042
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026839851
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.07457286
wavelet-HHH	glrlm	RunVariance	0.024663123
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.073449923
wavelet-HHH	glrlm	LongRunEmphasis	1.077589335
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	224.2435327
wavelet-HHH	glrlm	RunLengthNonUniformity	51.9735916
wavelet-HHH	glrlm	ShortRunEmphasis	0.980602666
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	244.811318
wavelet-HHH	glrlm	RunPercentage	0.975274725
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.027334871
wavelet-HHH	glrlm	RunEntropy	4.091474918
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	228.3570898
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.950673753
wavelet-HHH	glszm	GrayLevelVariance	31.37015122
wavelet-HHH	glszm	ZoneVariance	0.758711374
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.063773833
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.580539119
wavelet-HHH	glszm	SizeZoneNonUniformity	22.64102564
wavelet-HHH	glszm	GrayLevelNonUniformity	2.487179487
wavelet-HHH	glszm	LargeAreaEmphasis	2.820512821
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	190.075755
wavelet-HHH	glszm	ZonePercentage	0.696428571
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.046064927
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	617.5128205
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	234.6153846
wavelet-HHH	glszm	SmallAreaEmphasis	0.788062678
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.034984221
wavelet-HHH	glszm	ZoneEntropy	4.611949334
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.033432533
wavelet-HHH	ngtdm	Coarseness	0.068653344
wavelet-HHH	ngtdm	Complexity	710.7968147
wavelet-HHH	ngtdm	Strength	10.62084379
wavelet-HHH	ngtdm	Contrast	0.590258054
wavelet-HHH	ngtdm	Busyness	0.057161334
wavelet-HLL	gldm	GrayLevelVariance	151.7806122
wavelet-HLL	gldm	HighGrayLevelEmphasis	748.5357143
wavelet-HLL	gldm	DependenceEntropy	5.030394654
wavelet-HLL	gldm	DependenceNonUniformity	26.60714286
wavelet-HLL	gldm	GrayLevelNonUniformity	2.5
wavelet-HLL	gldm	SmallDependenceEmphasis	0.702073413
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	513.1954365
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.475127551
wavelet-HLL	gldm	LargeDependenceEmphasis	3.392857143
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.029222268
wavelet-HLL	gldm	DependenceVariance	0.923469388
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2170.357143
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.023084084
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.023711145

wavelet-HLL	glcm	JointAverage	23.51135962
wavelet-HLL	glcm	SumAverage	47.02271925
wavelet-HLL	glcm	JointEntropy	5.678755103
wavelet-HLL	glcm	ClusterShade	2939.054275
wavelet-HLL	glcm	MaximumProbability	0.038982321
wavelet-HLL	glcm	Idmn	0.928594933
wavelet-HLL	glcm	JointEnergy	0.020780679
wavelet-HLL	glcm	Contrast	219.2364006
wavelet-HLL	glcm	DifferenceEntropy	3.923709445
wavelet-HLL	glcm	InverseVariance	0.102121228
wavelet-HLL	glcm	DifferenceVariance	73.5512395
wavelet-HLL	glcm	Idn	0.826120174
wavelet-HLL	glcm	Idm	0.101920552
wavelet-HLL	glcm	Correlation	0.188561119
wavelet-HLL	glcm	Autocorrelation	581.3847749
wavelet-HLL	glcm	SumEntropy	4.404947484
wavelet-HLL	glcm	SumSquares	137.7697622
wavelet-HLL	glcm	ClusterProminence	304406.5923
wavelet-HLL	glcm	Imc2	0.999305553
wavelet-HLL	glcm	Imc1	-0.738012664
wavelet-HLL	glcm	DifferenceAverage	11.72993085
wavelet-HLL	glcm	Id	0.173318919
wavelet-HLL	glcm	ClusterTendency	331.8426482
wavelet-HLL	firstorder	InterquartileRange	392.6072335
wavelet-HLL	firstorder	Skewness	0.362460207
wavelet-HLL	firstorder	Uniformity	0.044642857
wavelet-HLL	firstorder	Median	-159.9490795
wavelet-HLL	firstorder	Energy	5617830.182
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	179.6111582
wavelet-HLL	firstorder	MeanAbsoluteDeviation	252.901357
wavelet-HLL	firstorder	TotalEnergy	151681414.9
wavelet-HLL	firstorder	Maximum	571.7206515
wavelet-HLL	firstorder	RootMeanSquared	316.7307944
wavelet-HLL	firstorder	90Percentile	399.3578556
wavelet-HLL	firstorder	Minimum	-660.560713
wavelet-HLL	firstorder	Entropy	4.726474118
wavelet-HLL	firstorder	Range	1232.281364
wavelet-HLL	firstorder	Variance	94552.1269
wavelet-HLL	firstorder	10Percentile	-425.303259
wavelet-HLL	firstorder	Kurtosis	2.392584884
wavelet-HLL	firstorder	Mean	-75.93595462
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.024169459
wavelet-HLL	glrlm	GrayLevelVariance	153.1908876
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.024207989
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.04352127
wavelet-HLL	glrlm	RunVariance	0.021910658
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.384889947
wavelet-HLL	glrlm	LongRunEmphasis	1.069361923
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	738.5063891
wavelet-HLL	glrlm	RunLengthNonUniformity	52.43566565
wavelet-HLL	glrlm	ShortRunEmphasis	0.982659519
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	797.0834266
wavelet-HLL	glrlm	RunPercentage	0.978021978
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.024362108
wavelet-HLL	glrlm	RunEntropy	4.787896197
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	750.2217966
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.956178683
wavelet-HLL	glszm	GrayLevelVariance	163.5552686

wavelet-HLL	glszm	ZoneVariance	0.47107438
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.03822314
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.666322314
wavelet-HLL	glszm	SizeZoneNonUniformity	29.31818182
wavelet-HLL	glszm	GrayLevelNonUniformity	1.681818182
wavelet-HLL	glszm	LargeAreaEmphasis	2.090909091
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	607.8238636
wavelet-HLL	glszm	ZonePercentage	0.785714286
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.032023449
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1477.090909
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	745.0227273
wavelet-HLL	glszm	SmallAreaEmphasis	0.841818182
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.029595917
wavelet-HLL	glszm	ZoneEntropy	4.970573096
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.029275397
wavelet-HLL	ngtdm	Coarseness	0.060657249
wavelet-HLL	ngtdm	Complexity	4300.522026
wavelet-HLL	ngtdm	Strength	49.11418012
wavelet-HLL	ngtdm	Contrast	2.507664241
wavelet-HLL	ngtdm	Busyness	0.03071667
wavelet-LHL	gldm	GrayLevelVariance	136.75
wavelet-LHL	gldm	HighGrayLevelEmphasis	599
wavelet-LHL	gldm	DependenceEntropy	4.945485949
wavelet-LHL	gldm	DependenceNonUniformity	29.28571429
wavelet-LHL	gldm	GrayLevelNonUniformity	2.428571429
wavelet-LHL	gldm	SmallDependenceEmphasis	0.705357143
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	420.0982143
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.522959184
wavelet-LHL	gldm	LargeDependenceEmphasis	2.178571429
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.044806006
wavelet-LHL	gldm	DependenceVariance	0.238520408
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1314.607143
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.023172088
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.027498872
wavelet-LHL	glcm	JointAverage	20.38383869
wavelet-LHL	glcm	SumAverage	40.76767737
wavelet-LHL	glcm	JointEntropy	5.70958156
wavelet-LHL	glcm	ClusterShade	3818.520613
wavelet-LHL	glcm	MaximumProbability	0.033579338
wavelet-LHL	glcm	Idmn	0.929915442
wavelet-LHL	glcm	JointEnergy	0.020021785
wavelet-LHL	glcm	Contrast	208.8395161
wavelet-LHL	glcm	DifferenceEntropy	3.910450163
wavelet-LHL	glcm	InverseVariance	0.095864761
wavelet-LHL	glcm	DifferenceVariance	66.89258408
wavelet-LHL	glcm	Idn	0.828700436
wavelet-LHL	glcm	Idm	0.0903113
wavelet-LHL	glcm	Correlation	0.167196469
wavelet-LHL	glcm	Autocorrelation	435.9790006
wavelet-LHL	glcm	SumEntropy	4.329819572
wavelet-LHL	glcm	SumSquares	124.5651434
wavelet-LHL	glcm	ClusterProminence	318111.6853
wavelet-LHL	glcm	Imc2	0.999334179
wavelet-LHL	glcm	Imc1	-0.745612739
wavelet-LHL	glcm	DifferenceAverage	11.32260932
wavelet-LHL	glcm	Id	0.167594063
wavelet-LHL	glcm	ClusterTendency	289.4210575
wavelet-LHL	firstorder	InterquartileRange	298.4324883

wavelet-LHL	firstorder	Skewness	0.579980652
wavelet-LHL	firstorder	Uniformity	0.043367347
wavelet-LHL	firstorder	Median	-83.84704861
wavelet-LHL	firstorder	Energy	4896330.402
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	148.3856209
wavelet-LHL	firstorder	MeanAbsoluteDeviation	228.577987
wavelet-LHL	firstorder	TotalEnergy	132200920.8
wavelet-LHL	firstorder	Maximum	643.4829173
wavelet-LHL	firstorder	RootMeanSquared	295.693205
wavelet-LHL	firstorder	90Percentile	400.3392118
wavelet-LHL	firstorder	Minimum	-564.5185564
wavelet-LHL	firstorder	Entropy	4.684250404
wavelet-LHL	firstorder	Range	1208.001474
wavelet-LHL	firstorder	Variance	84957.00729
wavelet-LHL	firstorder	10Percentile	-399.4855111
wavelet-LHL	firstorder	Kurtosis	2.893619152
wavelet-LHL	firstorder	Mean	-49.77413153
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.027531306
wavelet-LHL	glrlm	GrayLevelVariance	136.254448
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.027701194
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.043351235
wavelet-LHL	glrlm	RunVariance	0.015090194
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.391160342
wavelet-LHL	glrlm	LongRunEmphasis	1.046784243
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	591.771789
wavelet-LHL	glrlm	RunLengthNonUniformity	53.51584251
wavelet-LHL	glrlm	ShortRunEmphasis	0.988303939
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	627.2777851
wavelet-LHL	glrlm	RunPercentage	0.98489011
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.028380742
wavelet-LHL	glrlm	RunEntropy	4.70531998
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	598.8729882
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.969819612
wavelet-LHL	glszm	GrayLevelVariance	129.4795062
wavelet-LHL	glszm	ZoneVariance	0.184691358
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.041975309
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.630617284
wavelet-LHL	glszm	SizeZoneNonUniformity	28.37777778
wavelet-LHL	glszm	GrayLevelNonUniformity	1.888888889
wavelet-LHL	glszm	LargeAreaEmphasis	1.733333333
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	485.6833333
wavelet-LHL	glszm	ZonePercentage	0.803571429
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.041400074
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1042.266667
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	597
wavelet-LHL	glszm	SmallAreaEmphasis	0.816666667
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.03063119
wavelet-LHL	glszm	ZoneEntropy	4.952638374
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.027938969
wavelet-LHL	ngtdm	Coarseness	0.056410425
wavelet-LHL	ngtdm	Complexity	4098.269199
wavelet-LHL	ngtdm	Strength	38.25681917
wavelet-LHL	ngtdm	Contrast	2.761705054
wavelet-LHL	ngtdm	Busyness	0.038483653
wavelet-LHH	gldm	GrayLevelVariance	66.67059949
wavelet-LHH	gldm	HighGrayLevelEmphasis	483.2678571
wavelet-LHH	gldm	DependenceEntropy	4.909771663
wavelet-LHH	gldm	DependenceNonUniformity	25.32142857

wavelet-LHH	gldm	GrayLevelNonUniformity	3.178571429
wavelet-LHH	gldm	SmallDependenceEmphasis	0.687127976
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	338.359747
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.452168367
wavelet-LHH	gldm	LargeDependenceEmphasis	2.928571429
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032392999
wavelet-LHH	gldm	DependenceVariance	0.570153061
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1374.589286
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.026510055
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.027382728
wavelet-LHH	glcm	JointAverage	20.65544481
wavelet-LHH	glcm	SumAverage	41.31088963
wavelet-LHH	glcm	JointEntropy	5.640964139
wavelet-LHH	glcm	ClusterShade	-338.1566782
wavelet-LHH	glcm	MaximumProbability	0.037266283
wavelet-LHH	glcm	Idmn	0.921315747
wavelet-LHH	glcm	JointEnergy	0.021175786
wavelet-LHH	glcm	Contrast	120.6636995
wavelet-LHH	glcm	DifferenceEntropy	3.794034003
wavelet-LHH	glcm	InverseVariance	0.08595002
wavelet-LHH	glcm	DifferenceVariance	38.82776338
wavelet-LHH	glcm	Idn	0.814220153
wavelet-LHH	glcm	Idm	0.099964681
wavelet-LHH	glcm	Correlation	-0.056278611
wavelet-LHH	glcm	Autocorrelation	423.6908632
wavelet-LHH	glcm	SumEntropy	4.116319996
wavelet-LHH	glcm	SumSquares	57.0096392
wavelet-LHH	glcm	ClusterProminence	37886.14676
wavelet-LHH	glcm	Imc2	0.998007392
wavelet-LHH	glcm	Imc1	-0.665310139
wavelet-LHH	glcm	DifferenceAverage	8.854970121
wavelet-LHH	glcm	Id	0.186782862
wavelet-LHH	glcm	ClusterTendency	107.3748573
wavelet-LHH	firstorder	InterquartileRange	291.6598985
wavelet-LHH	firstorder	Skewness	-0.265793041
wavelet-LHH	firstorder	Uniformity	0.056760204
wavelet-LHH	firstorder	Median	32.88951535
wavelet-LHH	firstorder	Energy	2359333.342
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	117.7411797
wavelet-LHH	firstorder	MeanAbsoluteDeviation	165.9471122
wavelet-LHH	firstorder	TotalEnergy	63702000.23
wavelet-LHH	firstorder	Maximum	382.968791
wavelet-LHH	firstorder	RootMeanSquared	205.2582581
wavelet-LHH	firstorder	90Percentile	296.0829817
wavelet-LHH	firstorder	Minimum	-460.3183519
wavelet-LHH	firstorder	Entropy	4.340587681
wavelet-LHH	firstorder	Range	843.2871429
wavelet-LHH	firstorder	Variance	41574.44313
wavelet-LHH	firstorder	10Percentile	-213.0274517
wavelet-LHH	firstorder	Kurtosis	2.562093285
wavelet-LHH	firstorder	Mean	23.59045141
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.027866431
wavelet-LHH	glrlm	GrayLevelVariance	67.5979718
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.02790901
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.056480574
wavelet-LHH	glrlm	RunVariance	0.020577162
wavelet-LHH	glrlm	GrayLevelNonUniformity	3.097571157
wavelet-LHH	glrlm	LongRunEmphasis	1.06387826



wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	476.2741378
wavelet-LHH	glrlm	RunLengthNonUniformity	52.61555761
wavelet-LHH	glrlm	ShortRunEmphasis	0.984030435
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	513.3109006
wavelet-LHH	glrlm	RunPercentage	0.979395604
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.028079326
wavelet-LHH	glrlm	RunEntropy	4.396258872
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	483.6814904
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.958845676
wavelet-LHH	glszm	GrayLevelVariance	79.09572742
wavelet-LHH	glszm	ZoneVariance	0.443482964
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.053542455
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.647376961
wavelet-LHH	glszm	SizeZoneNonUniformity	27.8372093
wavelet-LHH	glszm	GrayLevelNonUniformity	2.302325581
wavelet-LHH	glszm	LargeAreaEmphasis	2.139534884
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	410.6222545
wavelet-LHH	glszm	ZonePercentage	0.767857143
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.037797641
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1027.139535
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	487.5116279
wavelet-LHH	glszm	SmallAreaEmphasis	0.832202842
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.034841264
wavelet-LHH	glszm	ZoneEntropy	4.739990917
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034350531
wavelet-LHH	ngtdm	Coarseness	0.050723176
wavelet-LHH	ngtdm	Complexity	2203.437266
wavelet-LHH	ngtdm	Strength	19.38377007
wavelet-LHH	ngtdm	Contrast	1.729338071
wavelet-LHH	ngtdm	Busyness	0.047411828
wavelet-LLH	gldm	GrayLevelVariance	259.872449
wavelet-LLH	gldm	HighGrayLevelEmphasis	1510
wavelet-LLH	gldm	DependenceEntropy	5.079589074
wavelet-LLH	gldm	DependenceNonUniformity	37.14285714
wavelet-LLH	gldm	GrayLevelNonUniformity	1.964285714
wavelet-LLH	gldm	SmallDependenceEmphasis	0.839285714
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1256.178571
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.663265306
wavelet-LLH	gldm	LargeDependenceEmphasis	1.642857143
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021158472
wavelet-LLH	gldm	DependenceVariance	0.168367347
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2525.285714
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019609064
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.019918946
wavelet-LLH	glcm	JointAverage	33.4364942
wavelet-LLH	glcm	SumAverage	66.87298839
wavelet-LLH	glcm	JointEntropy	5.756141842
wavelet-LLH	glcm	ClusterShade	3315.793251
wavelet-LLH	glcm	MaximumProbability	0.024844791
wavelet-LLH	glcm	Idmn	0.897320807
wavelet-LLH	glcm	JointEnergy	0.019147745
wavelet-LLH	glcm	Contrast	679.013766
wavelet-LLH	glcm	DifferenceEntropy	4.247843042
wavelet-LLH	glcm	InverseVariance	0.051504874
wavelet-LLH	glcm	DifferenceVariance	201.5124953
wavelet-LLH	glcm	Idn	0.793267824
wavelet-LLH	glcm	Idm	0.046866818
wavelet-LLH	glcm	Correlation	-0.090449007

wavelet-LLH	glcm	Autocorrelation	1085.129334
wavelet-LLH	glcm	SumEntropy	4.528519826
wavelet-LLH	glcm	SumSquares	303.6204574
wavelet-LLH	glcm	ClusterProminence	948788.6624
wavelet-LLH	glcm	Imc2	0.999767917
wavelet-LLH	glcm	Imc1	-0.804041159
wavelet-LLH	glcm	DifferenceAverage	20.70599703
wavelet-LLH	glcm	Id	0.105981242
wavelet-LLH	glcm	ClusterTendency	535.4680636
wavelet-LLH	firstorder	InterquartileRange	542.2223477
wavelet-LLH	firstorder	Skewness	0.091365943
wavelet-LLH	firstorder	Uniformity	0.035076531
wavelet-LLH	firstorder	Median	43.46756115
wavelet-LLH	firstorder	Energy	9140421.413
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	228.3965211
wavelet-LLH	firstorder	MeanAbsoluteDeviation	329.7655931
wavelet-LLH	firstorder	TotalEnergy	246791378.1
wavelet-LLH	firstorder	Maximum	839.1616137
wavelet-LLH	firstorder	RootMeanSquared	404.0071917
wavelet-LLH	firstorder	90Percentile	489.8878094
wavelet-LLH	firstorder	Minimum	-878.6690876
wavelet-LLH	firstorder	Entropy	5.008160502
wavelet-LLH	firstorder	Range	1717.830701
wavelet-LLH	firstorder	Variance	162352.9276
wavelet-LLH	firstorder	10Percentile	-562.9488591
wavelet-LLH	firstorder	Kurtosis	2.556512065
wavelet-LLH	firstorder	Mean	-29.47682678
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020063804
wavelet-LLH	glrlm	GrayLevelVariance	258.995327
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.020076114
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.035097879
wavelet-LLH	glrlm	RunVariance	0.008208338
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.949342965
wavelet-LLH	glrlm	LongRunEmphasis	1.026143088
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1498.702461
wavelet-LLH	glrlm	RunLengthNonUniformity	54.6683163
wavelet-LLH	glrlm	ShortRunEmphasis	0.993464228
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1551.108661
wavelet-LLH	glrlm	RunPercentage	0.991758242
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.020125352
wavelet-LLH	glrlm	RunEntropy	5.012318408
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1509.183701
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.983583324
wavelet-LLH	glszm	GrayLevelVariance	248.52
wavelet-LLH	glszm	ZoneVariance	0.1056
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.0352
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.7888
wavelet-LLH	glszm	SizeZoneNonUniformity	39.44
wavelet-LLH	glszm	GrayLevelNonUniformity	1.76
wavelet-LLH	glszm	LargeAreaEmphasis	1.36
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1359.54
wavelet-LLH	glszm	ZonePercentage	0.892857143
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022771976
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2070.24
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1501.68
wavelet-LLH	glszm	SmallAreaEmphasis	0.91
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.022077841
wavelet-LLH	glszm	ZoneEntropy	5.06875844

wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021904308
wavelet-LLH	ngtdm	Coarseness	0.04105032
wavelet-LLH	ngtdm	Complexity	11683.23056
wavelet-LLH	ngtdm	Strength	52.95647822
wavelet-LLH	ngtdm	Contrast	5.581140736
wavelet-LLH	ngtdm	Busyness	0.025025304
wavelet-LLL	gldm	GrayLevelVariance	406.8364158
wavelet-LLL	gldm	HighGrayLevelEmphasis	3013.303571
wavelet-LLL	gldm	DependenceEntropy	5.374057377
wavelet-LLL	gldm	DependenceNonUniformity	48.57142857
wavelet-LLL	gldm	GrayLevelNonUniformity	1.571428571
wavelet-LLL	gldm	SmallDependenceEmphasis	0.946428571
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2821.598214
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.867346939
wavelet-LLL	gldm	LargeDependenceEmphasis	1.214285714
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018576712
wavelet-LLL	gldm	DependenceVariance	0.066326531
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3780.125
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018472583
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.018493409
wavelet-LLL	glcm	JointAverage	57.68110183
wavelet-LLL	glcm	SumAverage	115.3622037
wavelet-LLL	glcm	JointEntropy	5.764005582
wavelet-LLL	glcm	ClusterShade	-7501.399023
wavelet-LLL	glcm	MaximumProbability	0.024086762
wavelet-LLL	glcm	Idmn	0.925504162
wavelet-LLL	glcm	JointEnergy	0.019117648
wavelet-LLL	glcm	Contrast	677.6489186
wavelet-LLL	glcm	DifferenceEntropy	4.31373518
wavelet-LLL	glcm	InverseVariance	0.049325945
wavelet-LLL	glcm	DifferenceVariance	210.1724462
wavelet-LLL	glcm	Idn	0.817496786
wavelet-LLL	glcm	Idm	0.036352969
wavelet-LLL	glcm	Correlation	0.086305469
wavelet-LLL	glcm	Autocorrelation	3365.735071
wavelet-LLL	glcm	SumEntropy	4.580179387
wavelet-LLL	glcm	SumSquares	373.4301273
wavelet-LLL	glcm	ClusterProminence	1724899.772
wavelet-LLL	glcm	Imc2	0.999912958
wavelet-LLL	glcm	Imc1	-0.860998674
wavelet-LLL	glcm	DifferenceAverage	21.35050332
wavelet-LLL	glcm	Id	0.094239357
wavelet-LLL	glcm	ClusterTendency	816.0715907
wavelet-LLL	firstorder	InterquartileRange	747.8781946
wavelet-LLL	firstorder	Skewness	-0.164026252
wavelet-LLL	firstorder	Uniformity	0.028061224
wavelet-LLL	firstorder	Median	-744.5132515
wavelet-LLL	firstorder	Energy	42416547.92
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	324.2838216
wavelet-LLL	firstorder	MeanAbsoluteDeviation	425.4296494
wavelet-LLL	firstorder	TotalEnergy	1145246794
wavelet-LLL	firstorder	Maximum	175.1130892
wavelet-LLL	firstorder	RootMeanSquared	870.3093448
wavelet-LLL	firstorder	90Percentile	-80.19643926
wavelet-LLL	firstorder	Minimum	-1951.697531
wavelet-LLL	firstorder	Entropy	5.324862958
wavelet-LLL	firstorder	Range	2126.81062
wavelet-LLL	firstorder	Variance	251390.8675

wavelet-LLL	firstorder	10Percentile	-1368.108986
wavelet-LLL	firstorder	Kurtosis	2.212424695
wavelet-LLL	firstorder	Mean	-711.3701485
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.018543236
wavelet-LLL	glrlm	GrayLevelVariance	407.0806799
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.018544051
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.028016205
wavelet-LLL	glrlm	RunVariance	0.002746345
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.564635365
wavelet-LLL	glrlm	LongRunEmphasis	1.008391608
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3004.21526
wavelet-LLL	glrlm	RunLengthNonUniformity	55.54405594
wavelet-LLL	glrlm	ShortRunEmphasis	0.997902098
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3041.751973
wavelet-LLL	glrlm	RunPercentage	0.997252747
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.018547313
wavelet-LLL	glrlm	RunEntropy	5.328961462
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3011.722602
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.994507311
wavelet-LLL	glszm	GrayLevelVariance	410.2249657
wavelet-LLL	glszm	ZoneVariance	0.035665295
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.027434842
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.92866941
wavelet-LLL	glszm	SizeZoneNonUniformity	50.14814815
wavelet-LLL	glszm	GrayLevelNonUniformity	1.481481481
wavelet-LLL	glszm	LargeAreaEmphasis	1.111111111
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2892.967593
wavelet-LLL	glszm	ZonePercentage	0.964285714
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019207146
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3389.981481
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2992.37037
wavelet-LLL	glszm	SmallAreaEmphasis	0.972222222
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.019163952
wavelet-LLL	glszm	ZoneEntropy	5.379615974
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019153153
wavelet-LLL	ngtdm	Coarseness	0.04427817
wavelet-LLL	ngtdm	Complexity	18748.00233
wavelet-LLL	ngtdm	Strength	87.4409506
wavelet-LLL	ngtdm	Contrast	6.735781394
wavelet-LLL	ngtdm	Busyness	0.014818179
wavelet-HHL	gldm	GrayLevelVariance	79.11096939
wavelet-HHL	gldm	HighGrayLevelEmphasis	555.2857143
wavelet-HHL	gldm	DependenceEntropy	5.003434386
wavelet-HHL	gldm	DependenceNonUniformity	31.21428571
wavelet-HHL	gldm	GrayLevelNonUniformity	2.714285714
wavelet-HHL	gldm	SmallDependenceEmphasis	0.766493056
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	405.7912946
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.557397959
wavelet-HHL	gldm	LargeDependenceEmphasis	2.214285714
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.026920055
wavelet-HHL	gldm	DependenceVariance	0.37244898
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1357.571429
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.022002936
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.022909471
wavelet-HHL	glcm	JointAverage	21.78059943
wavelet-HHL	glcm	SumAverage	43.56119886
wavelet-HHL	glcm	JointEntropy	5.661090127
wavelet-HHL	glcm	ClusterShade	-416.313484

wavelet-HHL	glcm	MaximumProbability	0.037199683
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wavelet-HHL	glcm	JointEnergy	0.021029877
wavelet-HHL	glcm	Contrast	187.5115391
wavelet-HHL	glcm	DifferenceEntropy	3.883135278
wavelet-HHL	glcm	InverseVariance	0.107460952
wavelet-HHL	glcm	DifferenceVariance	61.45264729
wavelet-HHL	glcm	Idn	0.80226596
wavelet-HHL	glcm	Idm	0.098784802
wavelet-HHL	glcm	Correlation	-0.0442859
wavelet-HHL	glcm	Autocorrelation	471.2893703
wavelet-HHL	glcm	SumEntropy	4.26796345
wavelet-HHL	glcm	SumSquares	90.4889978
wavelet-HHL	glcm	ClusterProminence	81524.01664
wavelet-HHL	glcm	Imc2	0.999308767
wavelet-HHL	glcm	Imc1	-0.747399288
wavelet-HHL	glcm	DifferenceAverage	10.88534508
wavelet-HHL	glcm	Id	0.175091193
wavelet-HHL	glcm	ClusterTendency	174.4444521
wavelet-HHL	firstorder	InterquartileRange	276.5070638
wavelet-HHL	firstorder	Skewness	-0.302906333
wavelet-HHL	firstorder	Uniformity	0.048469388
wavelet-HHL	firstorder	Median	38.836022
wavelet-HHL	firstorder	Energy	2755904.85
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	127.6665251
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wavelet-HHL	firstorder	TotalEnergy	74409430.95
wavelet-HHL	firstorder	Maximum	436.8453297
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wavelet-HHL	firstorder	Minimum	-503.1369608
wavelet-HHL	firstorder	Entropy	4.625554753
wavelet-HHL	firstorder	Range	939.9822905
wavelet-HHL	firstorder	Variance	49135.30184
wavelet-HHL	firstorder	10Percentile	-320.3421198
wavelet-HHL	firstorder	Kurtosis	2.494473776
wavelet-HHL	firstorder	Mean	8.791175382
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.023144943
wavelet-HHL	glrlm	GrayLevelVariance	79.32137756
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.023182872
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.047887977
wavelet-HHL	glrlm	RunVariance	0.013723142
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.645288045
wavelet-HHL	glrlm	LongRunEmphasis	1.042424242
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	547.0276335
wavelet-HHL	glrlm	RunLengthNonUniformity	53.73768454
wavelet-HHL	glrlm	ShortRunEmphasis	0.989393939
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	581.5503608
wavelet-HHL	glrlm	RunPercentage	0.986263736
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.023334587
wavelet-HHL	glrlm	RunEntropy	4.662834029
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	553.9321789
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.972553716
wavelet-HHL	glszm	GrayLevelVariance	82.32325142
wavelet-HHL	glszm	ZoneVariance	0.43100189
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.041587902
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.736294896
wavelet-HHL	glszm	SizeZoneNonUniformity	33.86956522

wavelet-HHL	glszm	GrayLevelNonUniformity	1.913043478
wavelet-HHL	glszm	LargeAreaEmphasis	1.913043478
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	460.4382609
wavelet-HHL	glszm	ZonePercentage	0.821428571
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.029795599
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1149.478261
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	534.3478261
wavelet-HHL	glszm	SmallAreaEmphasis	0.881304348
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.02711581
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.026596158
wavelet-HHL	ngtdm	Coarseness	0.054762621
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.759920635
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.538903061
wavelet-HLH	gldm	LargeDependenceEmphasis	2.357142857
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.048432235
wavelet-HLH	gldm	DependenceVariance	0.417091837
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wavelet-HLH	glcm	JointAverage	18.28921202
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wavelet-HLH	glcm	Imc2	0.998628364
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wavelet-HLH	glcm	DifferenceAverage	9.647567073
wavelet-HLH	glcm	Id	0.175709626
wavelet-HLH	glcm	ClusterTendency	124.3242776
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wavelet-HLH	firstorder	Median	26.26107321
wavelet-HLH	firstorder	Energy	2315818.209

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	122.5544368
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wavelet-HLH	firstorder	Maximum	409.7185569
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wavelet-HLH	firstorder	Entropy	4.445485949
wavelet-HLH	firstorder	Range	832.6128696
wavelet-HLH	firstorder	Variance	41012.80715
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wavelet-HLH	firstorder	Kurtosis	2.272825618
wavelet-HLH	firstorder	Mean	18.46860686
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.041849665
wavelet-HLH	glrlm	GrayLevelVariance	66.08410559
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.04191365
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.050827149
wavelet-HLH	glrlm	RunVariance	0.015087333
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.803615811
wavelet-HLH	glrlm	LongRunEmphasis	1.046939643
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	394.3926813
wavelet-HLH	glrlm	RunLengthNonUniformity	53.52164411
wavelet-HLH	glrlm	ShortRunEmphasis	0.988265089
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	417.4878493
wavelet-HLH	glrlm	RunPercentage	0.98489011
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.042169589
wavelet-HLH	glrlm	RunEntropy	4.479831813
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	399.0117149
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.969825333
wavelet-HLH	glszm	GrayLevelVariance	69.49333333
wavelet-HLH	glszm	ZoneVariance	0.495802469
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.050864198
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.758024691
wavelet-HLH	glszm	SizeZoneNonUniformity	34.11111111
wavelet-HLH	glszm	GrayLevelNonUniformity	2.288888889
wavelet-HLH	glszm	LargeAreaEmphasis	2.044444444
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	360.5791667
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wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.055231526
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	819.6
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	400.7333333
wavelet-HLH	glszm	SmallAreaEmphasis	0.888580247
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.05011524
wavelet-HLH	glszm	ZoneEntropy	4.613858096
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.049348368
wavelet-HLH	ngtdm	Coarseness	0.052770283
wavelet-HLH	ngtdm	Complexity	2139.605199
wavelet-HLH	ngtdm	Strength	17.34446205
wavelet-HLH	ngtdm	Contrast	1.565220705
wavelet-HLH	ngtdm	Busyness	0.051315441

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original	gldm	HighGrayLevelEmphasis	297.4516129
original	gldm	DependenceEntropy	4.026619294
original	gldm	DependenceNonUniformity	11.12903226
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original	gldm	SmallDependenceEmphasis	0.599462366
original	gldm	SmallDependenceHighGrayLevelEmphasis	146.7983871
original	gldm	DependenceNonUniformityNormalized	0.359001041
original	gldm	LargeDependenceEmphasis	4.483870968
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.335207464



original	gldm	DependenceVariance	1.10301769
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original	glcm	JointAverage	17.08046512
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original	glcm	ClusterShade	-697.5091876
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original	glcm	SumSquares	62.07722148
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original	glcm	ClusterTendency	124.1498799
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original	firstorder	Skewness	-0.360783827
original	firstorder	Uniformity	0.067637877
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original	firstorder	Energy	2930367
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original	firstorder	Minimum	-592
original	firstorder	Entropy	4.026619294
original	firstorder	Range	635
original	firstorder	Variance	41286.12695
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original	firstorder	Kurtosis	1.862784868
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.083889765
original	glrlm	GrayLevelVariance	63.96057068
original	glrlm	LowGrayLevelRunEmphasis	0.086511295
original	glrlm	GrayLevelNonUniformityNormalized	0.066525581
original	glrlm	RunVariance	0.032031673
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original	glrlm	LongRunEmphasis	1.104357711

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original	glrlm	RunLengthNonUniformity	28.15672603
original	glrlm	ShortRunEmphasis	0.973910572
original	glrlm	LongRunHighGrayLevelEmphasis	338.1259307
original	glrlm	RunPercentage	0.967741935
original	glrlm	LongRunLowGrayLevelEmphasis	0.096997417
original	glrlm	RunEntropy	4.068866401
original	glrlm	HighGrayLevelRunEmphasis	292.6351388
original	glrlm	RunLengthNonUniformityNormalized	0.935936654
original	glszm	GrayLevelVariance	55.12603306
original	glszm	ZoneVariance	0.605371901
original	glszm	GrayLevelNonUniformityNormalized	0.061983471
original	glszm	SizeZoneNonUniformityNormalized	0.566115702
original	glszm	SizeZoneNonUniformity	12.45454545
original	glszm	GrayLevelNonUniformity	1.363636364
original	glszm	LargeAreaEmphasis	2.590909091
original	glszm	SmallAreaHighGrayLevelEmphasis	187.1732955
original	glszm	ZonePercentage	0.709677419
original	glszm	LargeAreaLowGrayLevelEmphasis	0.238292913
original	glszm	LargeAreaHighGrayLevelEmphasis	937.0454545
original	glszm	HighGrayLevelZoneEmphasis	260.1363636
original	glszm	SmallAreaEmphasis	0.780618687
original	glszm	LowGrayLevelZoneEmphasis	0.065058133
original	glszm	ZoneEntropy	4.095795255
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022109863
original	ngtdm	Coarseness	0.06904568
original	ngtdm	Complexity	1377.781071
original	ngtdm	Strength	20.85873109
original	ngtdm	Contrast	2.936350303
original	ngtdm	Busyness	0.057783542
wavelet-HHH	gldm	GrayLevelVariance	5.791883455
wavelet-HHH	gldm	HighGrayLevelEmphasis	60.83870968
wavelet-HHH	gldm	DependenceEntropy	3.848884617
wavelet-HHH	gldm	DependenceNonUniformity	10.16129032
wavelet-HHH	gldm	GrayLevelNonUniformity	3.967741935
wavelet-HHH	gldm	SmallDependenceEmphasis	0.308360215
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	16.60327061
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.327783559
wavelet-HHH	gldm	LargeDependenceEmphasis	7.580645161
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.178878284
wavelet-HHH	gldm	DependenceVariance	1.086368366
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	470.1290323
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.04261664
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.055567962
wavelet-HHH	glcm	JointAverage	7.391771698
wavelet-HHH	glcm	SumAverage	14.7835434
wavelet-HHH	glcm	JointEntropy	4.51289551
wavelet-HHH	glcm	ClusterShade	-18.04429065
wavelet-HHH	glcm	MaximumProbability	0.072074248
wavelet-HHH	glcm	ldmn	0.919087465
wavelet-HHH	glcm	JointEnergy	0.046944588
wavelet-HHH	glcm	Contrast	12.4572087

wavelet-HHH	glcm	DifferenceEntropy	2.543807785
wavelet-HHH	glcm	InverseVariance	0.333623233
wavelet-HHH	glcm	DifferenceVariance	4.464383249
wavelet-HHH	glcm	Idn	0.819775272
wavelet-HHH	glcm	Idm	0.312358572
wavelet-HHH	glcm	Correlation	-0.015389171
wavelet-HHH	glcm	Autocorrelation	54.45327168
wavelet-HHH	glcm	SumEntropy	3.013953917
wavelet-HHH	glcm	SumSquares	6.010326486
wavelet-HHH	glcm	ClusterProminence	383.8314233
wavelet-HHH	glcm	Imc2	0.978819177
wavelet-HHH	glcm	Imc1	-0.536879055
wavelet-HHH	glcm	DifferenceAverage	2.742958408
wavelet-HHH	glcm	Id	0.392841949
wavelet-HHH	glcm	ClusterTendency	11.58409724
wavelet-HHH	firstorder	InterquartileRange	86.05355653
wavelet-HHH	firstorder	Skewness	-0.570912337
wavelet-HHH	firstorder	Uniformity	0.127991675
wavelet-HHH	firstorder	Median	6.880909974
wavelet-HHH	firstorder	Energy	112078.9105
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	38.03520331
wavelet-HHH	firstorder	MeanAbsoluteDeviation	50.23200709
wavelet-HHH	firstorder	TotalEnergy	3026130.584
wavelet-HHH	firstorder	Maximum	87.73281506
wavelet-HHH	firstorder	RootMeanSquared	60.12860157
wavelet-HHH	firstorder	90Percentile	70.57950467
wavelet-HHH	firstorder	Minimum	-154.9329496
wavelet-HHH	firstorder	Entropy	3.10924633
wavelet-HHH	firstorder	Range	242.6657647
wavelet-HHH	firstorder	Variance	3614.750608
wavelet-HHH	firstorder	10Percentile	-82.23876734
wavelet-HHH	firstorder	Kurtosis	2.687844581
wavelet-HHH	firstorder	Mean	-0.835534804
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.057055305
wavelet-HHH	glrlm	GrayLevelVariance	6.004074076
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.05796761
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.126572176
wavelet-HHH	glrlm	RunVariance	0.058924002
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.690359614
wavelet-HHH	glrlm	LongRunEmphasis	1.195223359
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	57.62446115
wavelet-HHH	glrlm	RunLengthNonUniformity	25.80384686
wavelet-HHH	glrlm	ShortRunEmphasis	0.95119416
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	72.99580604
wavelet-HHH	glrlm	RunPercentage	0.94044665
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.061616829
wavelet-HHH	glrlm	RunEntropy	3.314346392
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	60.69873013
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.882151996
wavelet-HHH	glszm	GrayLevelVariance	9.909722222
wavelet-HHH	glszm	ZoneVariance	3.243055556
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.111111111

wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.375
wavelet-HHH	glszm	SizeZoneNonUniformity	4.5
wavelet-HHH	glszm	GrayLevelNonUniformity	1.333333333
wavelet-HHH	glszm	LargeAreaEmphasis	9.916666667
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	25.57787037
wavelet-HHH	glszm	ZonePercentage	0.387096774
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.270002077
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	654.1666667
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	53.25
wavelet-HHH	glszm	SmallAreaEmphasis	0.543425926
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.114899721
wavelet-HHH	glszm	ZoneEntropy	3.251629167
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.105628129
wavelet-HHH	ngtdm	Coarseness	0.147622018
wavelet-HHH	ngtdm	Complexity	78.58228726
wavelet-HHH	ngtdm	Strength	5.037571627
wavelet-HHH	ngtdm	Contrast	0.264908807
wavelet-HHH	ngtdm	Busyness	0.109830426
wavelet-HLL	gldm	GrayLevelVariance	159.9791883
wavelet-HLL	gldm	HighGrayLevelEmphasis	535.8387097
wavelet-HLL	gldm	DependenceEntropy	4.502583407
wavelet-HLL	gldm	DependenceNonUniformity	19.12903226
wavelet-HLL	gldm	GrayLevelNonUniformity	1.580645161
wavelet-HLL	gldm	SmallDependenceEmphasis	0.806451613
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	462.8709677
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.617065557
wavelet-HLL	gldm	LargeDependenceEmphasis	1.774193548
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.110315934
wavelet-HLL	gldm	DependenceVariance	0.191467222
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	827.7096774
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.044185035
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.057411215
wavelet-HLL	glcm	JointAverage	18.64705123
wavelet-HLL	glcm	SumAverage	37.29410246
wavelet-HLL	glcm	JointEntropy	4.814924646
wavelet-HLL	glcm	ClusterShade	2787.983472
wavelet-HLL	glcm	MaximumProbability	0.049199973
wavelet-HLL	glcm	Idmn	0.932629985
wavelet-HLL	glcm	JointEnergy	0.036623345
wavelet-HLL	glcm	Contrast	147.3408733
wavelet-HLL	glcm	DifferenceEntropy	3.159967661
wavelet-HLL	glcm	InverseVariance	0.081705653
wavelet-HLL	glcm	DifferenceVariance	29.06390018
wavelet-HLL	glcm	Idn	0.824243815
wavelet-HLL	glcm	Idm	0.077608053
wavelet-HLL	glcm	Correlation	0.443167952
wavelet-HLL	glcm	Autocorrelation	413.9700617
wavelet-HLL	glcm	SumEntropy	3.728002526
wavelet-HLL	glcm	SumSquares	139.330074
wavelet-HLL	glcm	ClusterProminence	350207.8617
wavelet-HLL	glcm	Imc2	0.999558111
wavelet-HLL	glcm	Imc1	-0.8513913

wavelet-HLL	glcm	DifferenceAverage	10.00465247
wavelet-HLL	glcm	Id	0.161214247
wavelet-HLL	glcm	ClusterTendency	409.9794226
wavelet-HLL	firstorder	InterquartileRange	531.3995136
wavelet-HLL	firstorder	Skewness	0.298292229
wavelet-HLL	firstorder	Uniformity	0.050988554
wavelet-HLL	firstorder	Median	-168.9121527
wavelet-HLL	firstorder	Energy	3607301.264
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	217.1203004
wavelet-HLL	firstorder	MeanAbsoluteDeviation	269.0396472
wavelet-HLL	firstorder	TotalEnergy	97397134.12
wavelet-HLL	firstorder	Maximum	459.2490517
wavelet-HLL	firstorder	RootMeanSquared	341.1224954
wavelet-HLL	firstorder	90Percentile	338.0566625
wavelet-HLL	firstorder	Minimum	-578.9009197
wavelet-HLL	firstorder	Entropy	4.413716068
wavelet-HLL	firstorder	Range	1038.149971
wavelet-HLL	firstorder	Variance	100019.8982
wavelet-HLL	firstorder	10Percentile	-546.2429575
wavelet-HLL	firstorder	Kurtosis	1.863712567
wavelet-HLL	firstorder	Mean	-127.8462306
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.056773517
wavelet-HLL	glrlm	GrayLevelVariance	159.599609
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.057299173
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.050855323
wavelet-HLL	glrlm	RunVariance	0.00991453
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.560959471
wavelet-HLL	glrlm	LongRunEmphasis	1.030769231
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	534.5678246
wavelet-HLL	glrlm	RunLengthNonUniformity	30.0974359
wavelet-HLL	glrlm	ShortRunEmphasis	0.992307692
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	549.0678246
wavelet-HLL	glrlm	RunPercentage	0.990074442
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.059401797
wavelet-HLL	glrlm	RunEntropy	4.421193711
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	537.4678246
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.98017094
wavelet-HLL	glszm	GrayLevelVariance	154.9135802
wavelet-HLL	glszm	ZoneVariance	0.126200274
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.048010974
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.747599451
wavelet-HLL	glszm	SizeZoneNonUniformity	20.18518519
wavelet-HLL	glszm	GrayLevelNonUniformity	1.296296296
wavelet-HLL	glszm	LargeAreaEmphasis	1.444444444
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	517.4814815
wavelet-HLL	glszm	ZonePercentage	0.870967742
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.086164065
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	726.9259259
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	559.3703704
wavelet-HLL	glszm	SmallAreaEmphasis	0.888888889
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.055792837
wavelet-HLL	glszm	ZoneEntropy	4.53266528

wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.04820003
wavelet-HLL	ngtdm	Coarseness	0.115451704
wavelet-HLL	ngtdm	Complexity	2222.188837
wavelet-HLL	ngtdm	Strength	86.92320834
wavelet-HLL	ngtdm	Contrast	3.506977737
wavelet-HLL	ngtdm	Busyness	0.023512307
wavelet-LHL	gldm	GrayLevelVariance	165.9833507
wavelet-LHL	gldm	HighGrayLevelEmphasis	426.1290323
wavelet-LHL	gldm	DependenceEntropy	4.155651552
wavelet-LHL	gldm	DependenceNonUniformity	12.29032258
wavelet-LHL	gldm	GrayLevelNonUniformity	2.225806452
wavelet-LHL	gldm	SmallDependenceEmphasis	0.614695341
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	286.3942652
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.396462019
wavelet-LHL	gldm	LargeDependenceEmphasis	3.258064516
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.182928387
wavelet-LHL	gldm	DependenceVariance	0.551508845
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	999.5483871
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.054548368
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.068934293
wavelet-LHL	glcm	JointAverage	15.57260806
wavelet-LHL	glcm	SumAverage	31.14521612
wavelet-LHL	glcm	JointEntropy	4.742096428
wavelet-LHL	glcm	ClusterShade	4552.766953
wavelet-LHL	glcm	MaximumProbability	0.057255927
wavelet-LHL	glcm	Idmn	0.898290017
wavelet-LHL	glcm	JointEnergy	0.038906318
wavelet-LHL	glcm	Contrast	252.9503173
wavelet-LHL	glcm	DifferenceEntropy	3.319807185
wavelet-LHL	glcm	InverseVariance	0.094213598
wavelet-LHL	glcm	DifferenceVariance	74.79838566
wavelet-LHL	glcm	Idn	0.801562197
wavelet-LHL	glcm	Idm	0.106197455
wavelet-LHL	glcm	Correlation	0.214604426
wavelet-LHL	glcm	Autocorrelation	280.315797
wavelet-LHL	glcm	SumEntropy	3.607960387
wavelet-LHL	glcm	SumSquares	163.9335382
wavelet-LHL	glcm	ClusterProminence	367602.07
wavelet-LHL	glcm	Imc2	0.998356966
wavelet-LHL	glcm	Imc1	-0.757670496
wavelet-LHL	glcm	DifferenceAverage	12.30876108
wavelet-LHL	glcm	Id	0.180040916
wavelet-LHL	glcm	ClusterTendency	402.7838354
wavelet-LHL	firstorder	InterquartileRange	565.2772158
wavelet-LHL	firstorder	Skewness	0.54756507
wavelet-LHL	firstorder	Uniformity	0.071800208
wavelet-LHL	firstorder	Median	-156.8643144
wavelet-LHL	firstorder	Energy	3287606.776
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	240.9276544
wavelet-LHL	firstorder	MeanAbsoluteDeviation	288.7576962
wavelet-LHL	firstorder	TotalEnergy	88765382.94
wavelet-LHL	firstorder	Maximum	627.9821873

wavelet-LHL	firstorder	RootMeanSquared	325.6560017
wavelet-LHL	firstorder	90Percentile	393.2033248
wavelet-LHL	firstorder	Minimum	-421.2367889
wavelet-LHL	firstorder	Entropy	3.977916875
wavelet-LHL	firstorder	Range	1049.218976
wavelet-LHL	firstorder	Variance	104984.1405
wavelet-LHL	firstorder	10Percentile	-374.3366458
wavelet-LHL	firstorder	Kurtosis	1.951489442
wavelet-LHL	firstorder	Mean	-32.67554044
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.068719843
wavelet-LHL	glrlm	GrayLevelVariance	166.1326912
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.069587343
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.071211241
wavelet-LHL	glrlm	RunVariance	0.029789273
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.154598493
wavelet-LHL	glrlm	LongRunEmphasis	1.087825776
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	423.4223455
wavelet-LHL	glrlm	RunLengthNonUniformity	28.99720573
wavelet-LHL	glrlm	ShortRunEmphasis	0.9809908
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	454.5188151
wavelet-LHL	glrlm	RunPercentage	0.975186104
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.073528903
wavelet-LHL	glrlm	RunEntropy	4.014007532
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	429.5826945
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.955787775
wavelet-LHL	glszm	GrayLevelVariance	169.3801653
wavelet-LHL	glszm	ZoneVariance	0.51446281
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.061983471
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.566115702
wavelet-LHL	glszm	SizeZoneNonUniformity	12.45454545
wavelet-LHL	glszm	GrayLevelNonUniformity	1.363636364
wavelet-LHL	glszm	LargeAreaEmphasis	2.5
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	370.4873737
wavelet-LHL	glszm	ZonePercentage	0.709677419
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.144237457
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	873.4545455
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	467.7272727
wavelet-LHL	glszm	SmallAreaEmphasis	0.776515152
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.081379631
wavelet-LHL	glszm	ZoneEntropy	4.095795255
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.074327764
wavelet-LHL	ngtdm	Coarseness	0.061421372
wavelet-LHL	ngtdm	Complexity	2482.647471
wavelet-LHL	ngtdm	Strength	51.38402311
wavelet-LHL	ngtdm	Contrast	8.450903605
wavelet-LHL	ngtdm	Busyness	0.060256724
wavelet-LHH	gldm	GrayLevelVariance	17.27575442
wavelet-LHH	gldm	HighGrayLevelEmphasis	171.516129
wavelet-LHH	gldm	DependenceEntropy	4.026619294
wavelet-LHH	gldm	DependenceNonUniformity	11.77419355
wavelet-LHH	gldm	GrayLevelNonUniformity	2.612903226
wavelet-LHH	gldm	SmallDependenceEmphasis	0.517921147

wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	85.80824373
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.379812695
wavelet-LHH	gldm	LargeDependenceEmphasis	3.64516129
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.059975465
wavelet-LHH	gldm	DependenceVariance	0.497398543
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	628.6129032
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.039273132
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.042500264
wavelet-LHH	glcm	JointAverage	12.52503038
wavelet-LHH	glcm	SumAverage	25.05006077
wavelet-LHH	glcm	JointEntropy	4.655855813
wavelet-LHH	glcm	ClusterShade	-116.3034994
wavelet-LHH	glcm	MaximumProbability	0.070399607
wavelet-LHH	glcm	ldmn	0.926362832
wavelet-LHH	glcm	JointEnergy	0.042494012
wavelet-LHH	glcm	Contrast	33.26509786
wavelet-LHH	glcm	DifferenceEntropy	2.806305363
wavelet-LHH	glcm	InverseVariance	0.205451844
wavelet-LHH	glcm	DifferenceVariance	11.58287684
wavelet-LHH	glcm	ldn	0.822645844
wavelet-LHH	glcm	ldm	0.189305501
wavelet-LHH	glcm	Correlation	-0.113182981
wavelet-LHH	glcm	Autocorrelation	155.4244774
wavelet-LHH	glcm	SumEntropy	3.023741931
wavelet-LHH	glcm	SumSquares	14.91724789
wavelet-LHH	glcm	ClusterProminence	2824.548698
wavelet-LHH	glcm	lmc2	0.99566638
wavelet-LHH	glcm	lmc1	-0.682943764
wavelet-LHH	glcm	DifferenceAverage	4.566028034
wavelet-LHH	glcm	ld	0.284799645
wavelet-LHH	glcm	ClusterTendency	26.40389372
wavelet-LHH	firstorder	InterquartileRange	122.472774
wavelet-LHH	firstorder	Skewness	-0.838858299
wavelet-LHH	firstorder	Uniformity	0.084287201
wavelet-LHH	firstorder	Median	33.2302953
wavelet-LHH	firstorder	Energy	359131.7977
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	50.75695947
wavelet-LHH	firstorder	MeanAbsoluteDeviation	78.59013781
wavelet-LHH	firstorder	TotalEnergy	9696558.537
wavelet-LHH	firstorder	Maximum	187.0007735
wavelet-LHH	firstorder	RootMeanSquared	107.633158
wavelet-LHH	firstorder	90Percentile	155.0131053
wavelet-LHH	firstorder	Minimum	-270.9398936
wavelet-LHH	firstorder	Entropy	3.732444601
wavelet-LHH	firstorder	Range	457.940667
wavelet-LHH	firstorder	Variance	11028.30188
wavelet-LHH	firstorder	10Percentile	-87.87727553
wavelet-LHH	firstorder	Kurtosis	3.813617792
wavelet-LHH	firstorder	Mean	23.59226185
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.043484486
wavelet-LHH	glrlm	GrayLevelVariance	17.62565656
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.043642791



wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.083982376
wavelet-LHH	glrlm	RunVariance	0.029612135
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.52627869
wavelet-LHH	glrlm	LongRunEmphasis	1.095547556
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	167.21987
wavelet-LHH	glrlm	RunLengthNonUniformity	28.35926487
wavelet-LHH	glrlm	ShortRunEmphasis	0.976113111
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	188.1318158
wavelet-LHH	glrlm	RunPercentage	0.970223325
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.044276008
wavelet-LHH	glrlm	RunEntropy	3.784451619
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	171.4022591
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.94077573
wavelet-LHH	glszm	GrayLevelVariance	23.0475
wavelet-LHH	glszm	ZoneVariance	0.5475
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.075
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.445
wavelet-LHH	glszm	SizeZoneNonUniformity	8.9
wavelet-LHH	glszm	GrayLevelNonUniformity	1.5
wavelet-LHH	glszm	LargeAreaEmphasis	2.95
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	110.6027778
wavelet-LHH	glszm	ZonePercentage	0.64516129
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.074944433
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	511.95
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	168.25
wavelet-LHH	glszm	SmallAreaEmphasis	0.679166667
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.062239081
wavelet-LHH	glszm	ZoneEntropy	4.021928095
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.060060723
wavelet-LHH	ngtdm	Coarseness	0.155532556
wavelet-LHH	ngtdm	Complexity	320.1016964
wavelet-LHH	ngtdm	Strength	12.48765306
wavelet-LHH	ngtdm	Contrast	0.564969558
wavelet-LHH	ngtdm	Busyness	0.047501235
wavelet-LLH	gldm	GrayLevelVariance	159.8938606
wavelet-LLH	gldm	HighGrayLevelEmphasis	480.4193548
wavelet-LLH	gldm	DependenceEntropy	4.631615665
wavelet-LLH	gldm	DependenceNonUniformity	19.77419355
wavelet-LLH	gldm	GrayLevelNonUniformity	1.451612903
wavelet-LLH	gldm	SmallDependenceEmphasis	0.826164875
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	457.0896057
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.637877211
wavelet-LLH	gldm	LargeDependenceEmphasis	1.838709677
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.060192876
wavelet-LLH	gldm	DependenceVariance	0.255983351
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	601.8387097
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.050558635
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.052339188
wavelet-LLH	glcm	JointAverage	17.3844592
wavelet-LLH	glcm	SumAverage	34.7689184
wavelet-LLH	glcm	JointEntropy	4.812201981
wavelet-LLH	glcm	ClusterShade	5384.840593

wavelet-LLH	glcm	MaximumProbability	0.044589646
wavelet-LLH	glcm	Idmn	0.919280588
wavelet-LLH	glcm	JointEnergy	0.036456126
wavelet-LLH	glcm	Contrast	224.5229346
wavelet-LLH	glcm	DifferenceEntropy	3.32589559
wavelet-LLH	glcm	InverseVariance	0.086227809
wavelet-LLH	glcm	DifferenceVariance	64.37092587
wavelet-LLH	glcm	Idn	0.815780574
wavelet-LLH	glcm	Idm	0.074353456
wavelet-LLH	glcm	Correlation	0.284657042
wavelet-LLH	glcm	Autocorrelation	346.0714759
wavelet-LLH	glcm	SumEntropy	3.729761395
wavelet-LLH	glcm	SumSquares	155.7404359
wavelet-LLH	glcm	ClusterProminence	429516.9827
wavelet-LLH	glcm	Imc2	0.99954945
wavelet-LLH	glcm	Imc1	-0.847971734
wavelet-LLH	glcm	DifferenceAverage	11.89149359
wavelet-LLH	glcm	Id	0.152614013
wavelet-LLH	glcm	ClusterTendency	398.4388089
wavelet-LLH	firstorder	InterquartileRange	452.6246423
wavelet-LLH	firstorder	Skewness	0.799641988
wavelet-LLH	firstorder	Uniformity	0.046826223
wavelet-LLH	firstorder	Median	-102.1611891
wavelet-LLH	firstorder	Energy	3139058.588
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	182.7300354
wavelet-LLH	firstorder	MeanAbsoluteDeviation	253.7132526
wavelet-LLH	firstorder	TotalEnergy	84754581.88
wavelet-LLH	firstorder	Maximum	687.025543
wavelet-LLH	firstorder	RootMeanSquared	318.2136931
wavelet-LLH	firstorder	90Percentile	531.4495774
wavelet-LLH	firstorder	Minimum	-455.6126033
wavelet-LLH	firstorder	Entropy	4.542748326
wavelet-LLH	firstorder	Range	1142.638146
wavelet-LLH	firstorder	Variance	99735.36539
wavelet-LLH	firstorder	10Percentile	-386.4451995
wavelet-LLH	firstorder	Kurtosis	2.793386646
wavelet-LLH	firstorder	Mean	-39.04598657
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.052706372
wavelet-LLH	glrlm	GrayLevelVariance	161.0106008
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.052783037
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.04642496
wavelet-LLH	glrlm	RunVariance	0.00989644
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.425201791
wavelet-LLH	glrlm	LongRunEmphasis	1.031299735
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	482.8835886
wavelet-LLH	glrlm	RunLengthNonUniformity	30.10839965
wavelet-LLH	glrlm	ShortRunEmphasis	0.992175066
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	488.3438008
wavelet-LLH	glrlm	RunPercentage	0.990074442
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.053089694
wavelet-LLH	glrlm	RunEntropy	4.558770727
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	483.975631

wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.98020712
wavelet-LLH	glszm	GrayLevelVariance	175.3854595
wavelet-LLH	glszm	ZoneVariance	0.200274348
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.042524005
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.796982167
wavelet-LLH	glszm	SizeZoneNonUniformity	21.51851852
wavelet-LLH	glszm	GrayLevelNonUniformity	1.148148148
wavelet-LLH	glszm	LargeAreaEmphasis	1.518518519
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	519.6028807
wavelet-LLH	glszm	ZonePercentage	0.870967742
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.063350827
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	607.7407407
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	530.7777778
wavelet-LLH	glszm	SmallAreaEmphasis	0.911522634
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.058653264
wavelet-LLH	glszm	ZoneEntropy	4.606739354
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.057688833
wavelet-LLH	ngtdm	Coarseness	0.118205879
wavelet-LLH	ngtdm	Complexity	2975.850259
wavelet-LLH	ngtdm	Strength	84.69323323
wavelet-LLH	ngtdm	Contrast	3.521795032
wavelet-LLH	ngtdm	Busyness	0.023465846
wavelet-LLL	gldm	GrayLevelVariance	324.5515088
wavelet-LLL	gldm	HighGrayLevelEmphasis	967.4193548
wavelet-LLL	gldm	DependenceEntropy	4.567099536
wavelet-LLL	gldm	DependenceNonUniformity	17.4516129
wavelet-LLL	gldm	GrayLevelNonUniformity	1.516129032
wavelet-LLL	gldm	SmallDependenceEmphasis	0.758064516
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	638.9193548
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.562955255
wavelet-LLL	gldm	LargeDependenceEmphasis	1.967741935
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.057063297
wavelet-LLL	gldm	DependenceVariance	0.218522373
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2281.419355
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.036094083
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.040287926
wavelet-LLL	glcm	JointAverage	30.44489789
wavelet-LLL	glcm	SumAverage	60.88979578
wavelet-LLL	glcm	JointEntropy	4.820457709
wavelet-LLL	glcm	ClusterShade	2725.26673
wavelet-LLL	glcm	MaximumProbability	0.048457733
wavelet-LLL	glcm	ldmn	0.862567825
wavelet-LLL	glcm	JointEnergy	0.036410262
wavelet-LLL	glcm	Contrast	793.6093558
wavelet-LLL	glcm	DifferenceEntropy	3.6494503
wavelet-LLL	glcm	InverseVariance	0.060994643
wavelet-LLL	glcm	DifferenceVariance	253.1526879
wavelet-LLL	glcm	ldn	0.762361031
wavelet-LLL	glcm	ldm	0.062206854
wavelet-LLL	glcm	Correlation	-0.047999009
wavelet-LLL	glcm	Autocorrelation	910.80173
wavelet-LLL	glcm	SumEntropy	3.781383895

wavelet-LLL	glcm	SumSquares	378.6936475
wavelet-LLL	glcm	ClusterProminence	1175082.194
wavelet-LLL	glcm	Imc2	0.999558303
wavelet-LLL	glcm	Imc1	-0.847714642
wavelet-LLL	glcm	DifferenceAverage	22.89079121
wavelet-LLL	glcm	Id	0.113600143
wavelet-LLL	glcm	ClusterTendency	721.1652341
wavelet-LLL	firstorder	InterquartileRange	671.4471095
wavelet-LLL	firstorder	Skewness	0.677908461
wavelet-LLL	firstorder	Uniformity	0.048907388
wavelet-LLL	firstorder	Median	-1090.910466
wavelet-LLL	firstorder	Energy	31546353.65
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	295.1356448
wavelet-LLL	firstorder	MeanAbsoluteDeviation	384.9124995
wavelet-LLL	firstorder	TotalEnergy	851751548.4
wavelet-LLL	firstorder	Maximum	60.99772819
wavelet-LLL	firstorder	RootMeanSquared	1008.773667
wavelet-LLL	firstorder	90Percentile	-341.0884844
wavelet-LLL	firstorder	Minimum	-1502.608257
wavelet-LLL	firstorder	Entropy	4.478232197
wavelet-LLL	firstorder	Range	1563.605985
wavelet-LLL	firstorder	Variance	201884.3379
wavelet-LLL	firstorder	10Percentile	-1374.032296
wavelet-LLL	firstorder	Kurtosis	2.288692689
wavelet-LLL	firstorder	Mean	-903.1832446
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.040415522
wavelet-LLL	glrlm	GrayLevelVariance	321.152467
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.0405822
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.048729333
wavelet-LLL	glrlm	RunVariance	0.012393162
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.49197684
wavelet-LLL	glrlm	LongRunEmphasis	1.038461538
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	949.3587055
wavelet-LLL	glrlm	RunLengthNonUniformity	29.87179487
wavelet-LLL	glrlm	ShortRunEmphasis	0.990384615
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1014.637552
wavelet-LLL	glrlm	RunPercentage	0.987593052
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.041248914
wavelet-LLL	glrlm	RunEntropy	4.486640427
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	962.4144748
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.975213675
wavelet-LLL	glszm	GrayLevelVariance	276.9245562
wavelet-LLL	glszm	ZoneVariance	0.155325444
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.044378698
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.689349112
wavelet-LLL	glszm	SizeZoneNonUniformity	17.92307692
wavelet-LLL	glszm	GrayLevelNonUniformity	1.153846154
wavelet-LLL	glszm	LargeAreaEmphasis	1.576923077
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	696.5096154
wavelet-LLL	glszm	ZonePercentage	0.838709677
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.054702739
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1675.692308

wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	892.3461538
wavelet-LLL	glszm	SmallAreaEmphasis	0.855769231
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.044702037
wavelet-LLL	glszm	ZoneEntropy	4.623516641
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.042201861
wavelet-LLL	ngtdm	Coarseness	0.03722723
wavelet-LLL	ngtdm	Complexity	9758.825983
wavelet-LLL	ngtdm	Strength	56.31672174
wavelet-LLL	ngtdm	Contrast	20.01203922
wavelet-LLL	ngtdm	Busyness	0.051124987
wavelet-HHL	gldm	GrayLevelVariance	15.0301769
wavelet-HHL	gldm	HighGrayLevelEmphasis	100.7419355
wavelet-HHL	gldm	DependenceEntropy	4.002268084
wavelet-HHL	gldm	DependenceNonUniformity	11.90322581
wavelet-HHL	gldm	GrayLevelNonUniformity	2.935483871
wavelet-HHL	gldm	SmallDependenceEmphasis	0.61155914
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	61.57930108
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.383975026
wavelet-HHL	gldm	LargeDependenceEmphasis	3.709677419
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.0824801
wavelet-HHL	gldm	DependenceVariance	0.786680541
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	397.2580645
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.045987992
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.051375812
wavelet-HHL	glcm	JointAverage	9.116455483
wavelet-HHL	glcm	SumAverage	18.23291097
wavelet-HHL	glcm	JointEntropy	4.655025284
wavelet-HHL	glcm	ClusterShade	9.340104802
wavelet-HHL	glcm	MaximumProbability	0.076290098
wavelet-HHL	glcm	Idmn	0.918498574
wavelet-HHL	glcm	JointEnergy	0.04330662
wavelet-HHL	glcm	Contrast	33.06133642
wavelet-HHL	glcm	DifferenceEntropy	2.751681726
wavelet-HHL	glcm	InverseVariance	0.222910935
wavelet-HHL	glcm	DifferenceVariance	10.91778275
wavelet-HHL	glcm	Idn	0.814248044
wavelet-HHL	glcm	Idm	0.193547086
wavelet-HHL	glcm	Correlation	-0.059048478
wavelet-HHL	glcm	Autocorrelation	82.33874787
wavelet-HHL	glcm	SumEntropy	3.334132713
wavelet-HHL	glcm	SumSquares	15.64312466
wavelet-HHL	glcm	ClusterProminence	2368.495612
wavelet-HHL	glcm	Imc2	0.995008432
wavelet-HHL	glcm	Imc1	-0.668424355
wavelet-HHL	glcm	DifferenceAverage	4.59230717
wavelet-HHL	glcm	Id	0.28539879
wavelet-HHL	glcm	ClusterTendency	29.51116223
wavelet-HHL	firstorder	InterquartileRange	111.4086231
wavelet-HHL	firstorder	Skewness	0.082171057
wavelet-HHL	firstorder	Uniformity	0.094693028
wavelet-HHL	firstorder	Median	2.186985377
wavelet-HHL	firstorder	Energy	295276.1702

wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.89878136
wavelet-HHL	firstorder	MeanAbsoluteDeviation	76.3340608
wavelet-HHL	firstorder	TotalEnergy	7972456.597
wavelet-HHL	firstorder	Maximum	210.5404474
wavelet-HHL	firstorder	RootMeanSquared	97.59629988
wavelet-HHL	firstorder	90Percentile	120.0812151
wavelet-HHL	firstorder	Minimum	-206.3499227
wavelet-HHL	firstorder	Entropy	3.640355796
wavelet-HHL	firstorder	Range	416.8903701
wavelet-HHL	firstorder	Variance	9491.317859
wavelet-HHL	firstorder	10Percentile	-129.5002722
wavelet-HHL	firstorder	Kurtosis	2.699093515
wavelet-HHL	firstorder	Mean	-5.806883073
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.052242288
wavelet-HHL	grlm	GrayLevelVariance	15.31672896
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.052515746
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.09334566
wavelet-HHL	grlm	RunVariance	0.027133503
wavelet-HHL	grlm	GrayLevelNonUniformity	2.816466811
wavelet-HHL	grlm	LongRunEmphasis	1.087855248
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	98.2663867
wavelet-HHL	grlm	RunLengthNonUniformity	28.5849059
wavelet-HHL	grlm	ShortRunEmphasis	0.978036188
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	109.8930682
wavelet-HHL	grlm	RunPercentage	0.972704715
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.053609578
wavelet-HHL	grlm	RunEntropy	3.697476478
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	100.591723
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.945732995
wavelet-HHL	glszm	GrayLevelVariance	18.81818182
wavelet-HHL	glszm	ZoneVariance	0.787190083
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.082644628
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.582644628
wavelet-HHL	glszm	SizeZoneNonUniformity	12.81818182
wavelet-HHL	glszm	GrayLevelNonUniformity	1.818181818
wavelet-HHL	glszm	LargeAreaEmphasis	2.772727273
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	79.43590909
wavelet-HHL	glszm	ZonePercentage	0.709677419
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.087754094
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	292.2272727
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	99.81818182
wavelet-HHL	glszm	SmallAreaEmphasis	0.785909091
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.066966681
wavelet-HHL	glszm	ZoneEntropy	3.970573096
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.063663141
wavelet-HHL	ngtdm	Coarseness	0.134360101
wavelet-HHL	ngtdm	Complexity	303.2978293
wavelet-HHL	ngtdm	Strength	11.66146777
wavelet-HHL	ngtdm	Contrast	0.479402061
wavelet-HHL	ngtdm	Busyness	0.065546379
wavelet-HLH	gldm	GrayLevelVariance	29.15296566
wavelet-HLH	gldm	HighGrayLevelEmphasis	185

wavelet-HLH	gldm	DependenceEntropy	4.106949133
wavelet-HLH	gldm	DependenceNonUniformity	11.64516129
wavelet-HLH	gldm	GrayLevelNonUniformity	2.806451613
wavelet-HLH	gldm	SmallDependenceEmphasis	0.586021505
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	114.8763441
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.375650364
wavelet-HLH	gldm	LargeDependenceEmphasis	3.516129032
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.08726228
wavelet-HLH	gldm	DependenceVariance	0.593132154
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	705.0645161
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.039285015
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.048203296
wavelet-HLH	glcm	JointAverage	12.61886148
wavelet-HLH	glcm	SumAverage	25.23772296
wavelet-HLH	glcm	JointEntropy	4.697457902
wavelet-HLH	glcm	ClusterShade	-258.6293934
wavelet-HLH	glcm	MaximumProbability	0.062844662
wavelet-HLH	glcm	ldmn	0.885235416
wavelet-HLH	glcm	JointEnergy	0.040266503
wavelet-HLH	glcm	Contrast	68.87283396
wavelet-HLH	glcm	DifferenceEntropy	2.971829143
wavelet-HLH	glcm	InverseVariance	0.16122837
wavelet-HLH	glcm	DifferenceVariance	18.94428891
wavelet-HLH	glcm	ldn	0.78353126
wavelet-HLH	glcm	ldm	0.149553315
wavelet-HLH	glcm	Correlation	-0.017862532
wavelet-HLH	glcm	Autocorrelation	159.4089155
wavelet-HLH	glcm	SumEntropy	3.364349524
wavelet-HLH	glcm	SumSquares	34.33389769
wavelet-HLH	glcm	ClusterProminence	12182.47468
wavelet-HLH	glcm	lmc2	0.996806868
wavelet-HLH	glcm	lmc1	-0.709008838
wavelet-HLH	glcm	DifferenceAverage	6.632591009
wavelet-HLH	glcm	ld	0.23644397
wavelet-HLH	glcm	ClusterTendency	68.4627568
wavelet-HLH	firstorder	InterquartileRange	212.2536729
wavelet-HLH	firstorder	Skewness	-0.560911567
wavelet-HLH	firstorder	Uniformity	0.090530697
wavelet-HLH	firstorder	Median	32.30076679
wavelet-HLH	firstorder	Energy	565170.5916
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	81.90452091
wavelet-HLH	firstorder	MeanAbsoluteDeviation	110.7609739
wavelet-HLH	firstorder	TotalEnergy	15259605.97
wavelet-HLH	firstorder	Maximum	210.2970091
wavelet-HLH	firstorder	RootMeanSquared	135.0233662
wavelet-HLH	firstorder	90Percentile	157.2359496
wavelet-HLH	firstorder	Minimum	-291.0425197
wavelet-HLH	firstorder	Entropy	3.735666068
wavelet-HLH	firstorder	Range	501.3395288
wavelet-HLH	firstorder	Variance	18230.08619
wavelet-HLH	firstorder	10Percentile	-215.8494996
wavelet-HLH	firstorder	Kurtosis	2.277655214

wavelet-HLH	firstorder	Mean	-1.105991614
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.048699666
wavelet-HLH	glrlm	GrayLevelVariance	29.18664874
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.049099612
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.089406811
wavelet-HLH	glrlm	RunVariance	0.032475462
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.69781664
wavelet-HLH	glrlm	LongRunEmphasis	1.095177045
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	180.8603022
wavelet-HLH	glrlm	RunLengthNonUniformity	28.74354904
wavelet-HLH	glrlm	ShortRunEmphasis	0.979258242
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	203.0349817
wavelet-HLH	glrlm	RunPercentage	0.972704715
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.050761692
wavelet-HLH	glrlm	RunEntropy	3.795267424
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	184.8166056
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.950355199
wavelet-HLH	glszm	GrayLevelVariance	30.81632653
wavelet-HLH	glszm	ZoneVariance	0.916099773
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.074829932
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.551020408
wavelet-HLH	glszm	SizeZoneNonUniformity	11.57142857
wavelet-HLH	glszm	GrayLevelNonUniformity	1.571428571
wavelet-HLH	glszm	LargeAreaEmphasis	3.095238095
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	155.2238624
wavelet-HLH	glszm	ZonePercentage	0.677419355
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.092542473
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	587.952381
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	188.8571429
wavelet-HLH	glszm	SmallAreaEmphasis	0.769100529
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.062054269
wavelet-HLH	glszm	ZoneEntropy	4.070656113
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.055803273
wavelet-HLH	ngtdm	Coarseness	0.09578666
wavelet-HLH	ngtdm	Complexity	589.2142799
wavelet-HLH	ngtdm	Strength	14.14396052
wavelet-HLH	ngtdm	Contrast	1.150224511
wavelet-HLH	ngtdm	Busyness	0.054909379



Image type	Feature Class	Feature Name	
general	info	BoundingBox	6: RTSTRUCT: C99-DNU-B_segment_Tumor (1, 1, 1, 5, 5, 11)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	806fdff7992952eadb2e8a089d392f5911c63ac3
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	a4a86a089c7af356219d0d76f1ace0bfd180f26d
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	153
original	shape	Maximum3DDiameter	31.89043744
original	shape	Maximum2DDiameterSlice	13.41640786
original	shape	Sphericity	0.810667907
original	shape	MinorAxis	13.66612072
original	shape	Elongation	0.385648049
original	shape	SurfaceVolumeRatio	0.371782901
original	shape	Volume	4131
original	shape	MajorAxis	35.43676868
original	shape	SurfaceArea	1535.835166
original	shape	Flatness	0.34003259
original	shape	LeastAxis	12.04965624
original	shape	Maximum2DDiameterColumn	31.32091953
original	shape	Maximum2DDiameterRow	31.32091953
original	gldm	GrayLevelVariance	182.5344098
original	gldm	HighGrayLevelEmphasis	639.3202614
original	gldm	DependenceEntropy	6.107795872
original	gldm	DependenceNonUniformity	46.16339869
original	gldm	GrayLevelNonUniformity	5.888888889
original	gldm	SmallDependenceEmphasis	0.538400508
original	gldm	SmallDependenceHighGrayLevelEmphasis	292.4435802
original	gldm	DependenceNonUniformityNormalized	0.30172156
original	gldm	LargeDependenceEmphasis	5.758169935
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.136851054
original	gldm	DependenceVariance	1.519415609
original	gldm	LargeDependenceHighGrayLevelEmphasis	4832.823529
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.008611593
original	gldm	LowGrayLevelEmphasis	0.025697518
original	glcm	JointAverage	21.78451889
original	glcm	SumAverage	43.56903778

original	glcm	JointEntropy	7.274284868
original	glcm	ClusterShade	1500.395991
original	glcm	MaximumProbability	0.020823799
original	glcm	Idmn	0.918054565
original	glcm	JointEnergy	0.007225596
original	glcm	Contrast	190.6189224
original	glcm	DifferenceEntropy	4.457510531
original	glcm	InverseVariance	0.148544068
original	glcm	DifferenceVariance	84.86569955
original	glcm	Idn	0.828993131
original	glcm	Idm	0.152968644
original	glcm	Correlation	0.489859475
original	glcm	Autocorrelation	566.5059416
original	glcm	SumEntropy	5.561271982
original	glcm	SumSquares	187.1414089
original	glcm	ClusterProminence	531973.2072
original	glcm	Imc2	0.997661797
original	glcm	Imc1	-0.541962907
original	glcm	DifferenceAverage	10.14175071
original	glcm	Id	0.2263644
original	glcm	ClusterTendency	557.9467132
original	firstorder	InterquartileRange	699
original	firstorder	Skewness	0.134009156
original	firstorder	Uniformity	0.038831219
original	firstorder	Median	-497
original	firstorder	Energy	45783973
original	firstorder	RobustMeanAbsoluteDeviation	265.2322929
original	firstorder	MeanAbsoluteDeviation	305.9807766
original	firstorder	TotalEnergy	1236167271
original	firstorder	Maximum	75
original	firstorder	RootMeanSquared	547.0298471
original	firstorder	90Percentile	24.8
original	firstorder	Minimum	-949
original	firstorder	Entropy	4.967597829
original	firstorder	Range	1024
original	firstorder	Variance	113964.8605
original	firstorder	10Percentile	-836.6
original	firstorder	Kurtosis	1.466243272
original	firstorder	Mean	-430.4379085
original	glrlm	ShortRunLowGrayLevelEmphasis	0.024715392
original	glrlm	GrayLevelVariance	179.0606127
original	glrlm	LowGrayLevelRunEmphasis	0.0256009
original	glrlm	GrayLevelNonUniformityNormalized	0.03734344
original	glrlm	RunVariance	0.041691879
original	glrlm	GrayLevelNonUniformity	5.482511125
original	glrlm	LongRunEmphasis	1.129768623
original	glrlm	ShortRunHighGrayLevelEmphasis	604.5882368
original	glrlm	RunLengthNonUniformity	135.0803398
original	glrlm	ShortRunEmphasis	0.968172737
original	glrlm	LongRunHighGrayLevelEmphasis	737.805698
original	glrlm	RunPercentage	0.959276018
original	glrlm	LongRunLowGrayLevelEmphasis	0.029241316
original	glrlm	RunEntropy	5.167536415
original	glrlm	HighGrayLevelRunEmphasis	631.2194312
original	glrlm	RunLengthNonUniformityNormalized	0.91962612

original	glszm	GrayLevelVariance	135.0685255
original	glszm	ZoneVariance	2.440808129
original	glszm	GrayLevelNonUniformityNormalized	0.029773157
original	glszm	SizeZoneNonUniformityNormalized	0.580340265
original	glszm	SizeZoneNonUniformity	53.39130435
original	glszm	GrayLevelNonUniformity	2.739130435
original	glszm	LargeAreaEmphasis	5.206521739
original	glszm	SmallAreaHighGrayLevelEmphasis	412.5799932
original	glszm	ZonePercentage	0.60130719
original	glszm	LargeAreaLowGrayLevelEmphasis	0.115825975
original	glszm	LargeAreaHighGrayLevelEmphasis	4245.76087
original	glszm	HighGrayLevelZoneEmphasis	551.7608696
original	glszm	SmallAreaEmphasis	0.786748004
original	glszm	LowGrayLevelZoneEmphasis	0.021302884
original	glszm	ZoneEntropy	5.690635973
original	glszm	SmallAreaLowGrayLevelEmphasis	0.009892259
original	ngtdm	Coarseness	0.024650856
original	ngtdm	Complexity	5365.037771
original	ngtdm	Strength	24.71493872
original	ngtdm	Contrast	1.563512542
original	ngtdm	Busyness	0.04630193
wavelet-HHH	gldm	GrayLevelVariance	14.26177966
wavelet-HHH	gldm	HighGrayLevelEmphasis	147.3398693
wavelet-HHH	gldm	DependenceEntropy	5.368179798
wavelet-HHH	gldm	DependenceNonUniformity	38.16339869
wavelet-HHH	gldm	GrayLevelNonUniformity	12.75163399
wavelet-HHH	gldm	SmallDependenceEmphasis	0.417232152
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	67.90658486
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.249433978
wavelet-HHH	gldm	LargeDependenceEmphasis	7.326797386
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.079740571
wavelet-HHH	gldm	DependenceVariance	1.759665086
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	952.9869281
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014162859
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.02002345
wavelet-HHH	glcm	JointAverage	11.54078748
wavelet-HHH	glcm	SumAverage	23.08157496
wavelet-HHH	glcm	JointEntropy	6.56833523
wavelet-HHH	glcm	ClusterShade	-14.73859011
wavelet-HHH	glcm	MaximumProbability	0.033054077
wavelet-HHH	glcm	Idmn	0.950544685
wavelet-HHH	glcm	JointEnergy	0.01264787
wavelet-HHH	glcm	Contrast	28.24603578
wavelet-HHH	glcm	DifferenceEntropy	3.374225547
wavelet-HHH	glcm	InverseVariance	0.227567924
wavelet-HHH	glcm	DifferenceVariance	10.82593218
wavelet-HHH	glcm	Idn	0.854509933
wavelet-HHH	glcm	Idm	0.219876361
wavelet-HHH	glcm	Correlation	-0.033878752
wavelet-HHH	glcm	Autocorrelation	132.7118658
wavelet-HHH	glcm	SumEntropy	4.122172
wavelet-HHH	glcm	SumSquares	13.6409877
wavelet-HHH	glcm	ClusterProminence	2421.425484
wavelet-HHH	glcm	Imc2	0.926348303
wavelet-HHH	glcm	Imc1	-0.260907367

wavelet-HHH	glcm	DifferenceAverage	4.127537487
wavelet-HHH	glcm	Id	0.312351796
wavelet-HHH	glcm	ClusterTendency	26.31791503
wavelet-HHH	firstorder	InterquartileRange	116.6514389
wavelet-HHH	firstorder	Skewness	-0.012618724
wavelet-HHH	firstorder	Uniformity	0.083344013
wavelet-HHH	firstorder	Median	0.732695476
wavelet-HHH	firstorder	Energy	1360452.318
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.44454719
wavelet-HHH	firstorder	MeanAbsoluteDeviation	74.17859044
wavelet-HHH	firstorder	TotalEnergy	36732212.59
wavelet-HHH	firstorder	Maximum	265.4049904
wavelet-HHH	firstorder	RootMeanSquared	94.29658115
wavelet-HHH	firstorder	90Percentile	122.428753
wavelet-HHH	firstorder	Minimum	-252.2887864
wavelet-HHH	firstorder	Entropy	3.830463418
wavelet-HHH	firstorder	Range	517.6937768
wavelet-HHH	firstorder	Variance	8891.055735
wavelet-HHH	firstorder	10Percentile	-121.0274351
wavelet-HHH	firstorder	Kurtosis	3.181185795
wavelet-HHH	firstorder	Mean	0.888527782
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.02021849
wavelet-HHH	glrlm	GrayLevelVariance	14.68679886
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.020603119
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.081447928
wavelet-HHH	glrlm	RunVariance	0.056345897
wavelet-HHH	glrlm	GrayLevelNonUniformity	11.81021977
wavelet-HHH	glrlm	LongRunEmphasis	1.170666285
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	142.8527617
wavelet-HHH	glrlm	RunLengthNonUniformity	130.488533
wavelet-HHH	glrlm	ShortRunEmphasis	0.959703965
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	170.5635906
wavelet-HHH	glrlm	RunPercentage	0.947712418
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.022240481
wavelet-HHH	glrlm	RunEntropy	4.08829836
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	148.2027902
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.899415846
wavelet-HHH	glszm	GrayLevelVariance	20.98802496
wavelet-HHH	glszm	ZoneVariance	4.610220948
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.064260415
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.426210153
wavelet-HHH	glszm	SizeZoneNonUniformity	32.81818182
wavelet-HHH	glszm	GrayLevelNonUniformity	4.948051948
wavelet-HHH	glszm	LargeAreaEmphasis	8.558441558
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	113.7109901
wavelet-HHH	glszm	ZonePercentage	0.503267974
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.104542646
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1064.168831
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	160.3506494
wavelet-HHH	glszm	SmallAreaEmphasis	0.67513617
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.030110693
wavelet-HHH	glszm	ZoneEntropy	5.097447579
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026543858
wavelet-HHH	ngtdm	Coarseness	0.034814301
wavelet-HHH	ngtdm	Complexity	435.2498384

wavelet-HHH	ngtdm	Strength	3.874519948
wavelet-HHH	ngtdm	Contrast	0.26403866
wavelet-HHH	ngtdm	Busyness	0.145232837
wavelet-HLL	gldm	GrayLevelVariance	153.2724166
wavelet-HLL	gldm	HighGrayLevelEmphasis	664.0915033
wavelet-HLL	gldm	DependenceEntropy	6.008638496
wavelet-HLL	gldm	DependenceNonUniformity	69.95424837
wavelet-HLL	gldm	GrayLevelNonUniformity	4.54248366
wavelet-HLL	gldm	SmallDependenceEmphasis	0.689497095
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	500.7646605
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.45721731
wavelet-HLL	gldm	LargeDependenceEmphasis	2.869281046
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.028409599
wavelet-HLL	gldm	DependenceVariance	0.550130292
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1504.823529
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011776858
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.013858209
wavelet-HLL	glcm	JointAverage	22.04601217
wavelet-HLL	glcm	SumAverage	44.09202434
wavelet-HLL	glcm	JointEntropy	7.415323047
wavelet-HLL	glcm	ClusterShade	5522.920589
wavelet-HLL	glcm	MaximumProbability	0.013119167
wavelet-HLL	glcm	Idmn	0.96100014
wavelet-HLL	glcm	JointEnergy	0.006163248
wavelet-HLL	glcm	Contrast	153.5340484
wavelet-HLL	glcm	DifferenceEntropy	4.324799917
wavelet-HLL	glcm	InverseVariance	0.117806013
wavelet-HLL	glcm	DifferenceVariance	52.90575447
wavelet-HLL	glcm	Idn	0.870398639
wavelet-HLL	glcm	Idm	0.10561313
wavelet-HLL	glcm	Correlation	0.459421137
wavelet-HLL	glcm	Autocorrelation	553.919757
wavelet-HLL	glcm	SumEntropy	5.56595251
wavelet-HLL	glcm	SumSquares	144.6152705
wavelet-HLL	glcm	ClusterProminence	612262.0296
wavelet-HLL	glcm	Imc2	0.998707217
wavelet-HLL	glcm	Imc1	-0.577824162
wavelet-HLL	glcm	DifferenceAverage	9.599015862
wavelet-HLL	glcm	Id	0.1879839
wavelet-HLL	glcm	ClusterTendency	424.9270335
wavelet-HLL	firstorder	InterquartileRange	439.8720624
wavelet-HLL	firstorder	Skewness	0.632120743
wavelet-HLL	firstorder	Uniformity	0.029689436
wavelet-HLL	firstorder	Median	23.88917466
wavelet-HLL	firstorder	Energy	14993771.56
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	174.6591728
wavelet-HLL	firstorder	MeanAbsoluteDeviation	246.9660114
wavelet-HLL	firstorder	TotalEnergy	404831832.1
wavelet-HLL	firstorder	Maximum	955.9977873
wavelet-HLL	firstorder	RootMeanSquared	313.0471321
wavelet-HLL	firstorder	90Percentile	414.7117486
wavelet-HLL	firstorder	Minimum	-476.9603363
wavelet-HLL	firstorder	Entropy	5.254179147
wavelet-HLL	firstorder	Range	1432.958124
wavelet-HLL	firstorder	Variance	95252.2171

wavelet-HLL	firstorder	10Percentile	-333.5758066
wavelet-HLL	firstorder	Kurtosis	3.130020676
wavelet-HLL	firstorder	Mean	52.40505539
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01388085
wavelet-HLL	glrlm	GrayLevelVariance	153.6347011
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.013994331
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.029532966
wavelet-HLL	glrlm	RunVariance	0.020083768
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.428104784
wavelet-HLL	glrlm	LongRunEmphasis	1.062222349
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	660.3155102
wavelet-HLL	glrlm	RunLengthNonUniformity	143.9620642
wavelet-HLL	glrlm	ShortRunEmphasis	0.984444413
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	697.922162
wavelet-HLL	glrlm	RunPercentage	0.979889392
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.014448255
wavelet-HLL	glrlm	RunEntropy	5.327939605
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	667.8368406
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.959832464
wavelet-HLL	glszm	GrayLevelVariance	159.1042443
wavelet-HLL	glszm	ZoneVariance	0.503616042
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.027686464
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.652713858
wavelet-HLL	glszm	SizeZoneNonUniformity	76.36752137
wavelet-HLL	glszm	GrayLevelNonUniformity	3.239316239
wavelet-HLL	glszm	LargeAreaEmphasis	2.213675214
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	618.487925
wavelet-HLL	glszm	ZonePercentage	0.764705882
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.025028788
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1266.08547
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	712.3589744
wavelet-HLL	glszm	SmallAreaEmphasis	0.835218424
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.016018039
wavelet-HLL	glszm	ZoneEntropy	5.814391429
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014989443
wavelet-HLL	ngtdm	Coarseness	0.037861377
wavelet-HLL	ngtdm	Complexity	5871.0089
wavelet-HLL	ngtdm	Strength	39.61394906
wavelet-HLL	ngtdm	Contrast	0.934894455
wavelet-HLL	ngtdm	Busyness	0.033935652
wavelet-LHL	gldm	GrayLevelVariance	116.4821223
wavelet-LHL	gldm	HighGrayLevelEmphasis	794.5228758
wavelet-LHL	gldm	DependenceEntropy	6.045622546
wavelet-LHL	gldm	DependenceNonUniformity	66.85620915
wavelet-LHL	gldm	GrayLevelNonUniformity	4.712418301
wavelet-LHL	gldm	SmallDependenceEmphasis	0.643643791
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	540.2437073
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.436968687
wavelet-LHL	gldm	LargeDependenceEmphasis	3.039215686
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.061601775
wavelet-LHL	gldm	DependenceVariance	0.558075954
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2079.803922
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006323031
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017063399
wavelet-LHL	glcm	JointAverage	25.27453891

wavelet-LHL	glcm	SumAverage	50.54907782
wavelet-LHL	glcm	JointEntropy	7.384516308
wavelet-LHL	glcm	ClusterShade	-493.6951174
wavelet-LHL	glcm	MaximumProbability	0.014285772
wavelet-LHL	glcm	Idmn	0.946663825
wavelet-LHL	glcm	JointEnergy	0.006311229
wavelet-LHL	glcm	Contrast	168.0050272
wavelet-LHL	glcm	DifferenceEntropy	4.318663646
wavelet-LHL	glcm	InverseVariance	0.120003643
wavelet-LHL	glcm	DifferenceVariance	69.1335149
wavelet-LHL	glcm	Idn	0.855369095
wavelet-LHL	glcm	Idm	0.109926848
wavelet-LHL	glcm	Correlation	0.309046666
wavelet-LHL	glcm	Autocorrelation	675.7434666
wavelet-LHL	glcm	SumEntropy	5.474197031
wavelet-LHL	glcm	SumSquares	120.8499648
wavelet-LHL	glcm	ClusterProminence	279600.422
wavelet-LHL	glcm	Imc2	0.99859937
wavelet-LHL	glcm	Imc1	-0.571754111
wavelet-LHL	glcm	DifferenceAverage	9.53217304
wavelet-LHL	glcm	Id	0.193969209
wavelet-LHL	glcm	ClusterTendency	315.3948322
wavelet-LHL	firstorder	InterquartileRange	343.5124953
wavelet-LHL	firstorder	Skewness	-0.101367012
wavelet-LHL	firstorder	Uniformity	0.03080012
wavelet-LHL	firstorder	Median	16.84382131
wavelet-LHL	firstorder	Energy	11190016.13
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	149.3291167
wavelet-LHL	firstorder	MeanAbsoluteDeviation	216.2608601
wavelet-LHL	firstorder	TotalEnergy	302130435.6
wavelet-LHL	firstorder	Maximum	614.2766812
wavelet-LHL	firstorder	RootMeanSquared	270.439199
wavelet-LHL	firstorder	90Percentile	355.2170423
wavelet-LHL	firstorder	Minimum	-620.8004187
wavelet-LHL	firstorder	Entropy	5.189350874
wavelet-LHL	firstorder	Range	1235.0771
wavelet-LHL	firstorder	Variance	72958.59758
wavelet-LHL	firstorder	10Percentile	-349.0263761
wavelet-LHL	firstorder	Kurtosis	2.620397775
wavelet-LHL	firstorder	Mean	13.37021948
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016445168
wavelet-LHL	glrlm	GrayLevelVariance	117.0671259
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.016876324
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.030705838
wavelet-LHL	glrlm	RunVariance	0.023123933
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.594091284
wavelet-LHL	glrlm	LongRunEmphasis	1.069390399
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	786.1409689
wavelet-LHL	glrlm	RunLengthNonUniformity	143.1978207
wavelet-LHL	glrlm	ShortRunEmphasis	0.983222201
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	843.4538356
wavelet-LHL	glrlm	RunPercentage	0.977878331
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.018606648
wavelet-LHL	glrlm	RunEntropy	5.26005514
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	797.421206

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.956788032
wavelet-LHL	glszm	GrayLevelVariance	124.484375
wavelet-LHL	glszm	ZoneVariance	0.589205995
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.02997449
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.589445153
wavelet-LHL	glszm	SizeZoneNonUniformity	66.01785714
wavelet-LHL	glszm	GrayLevelNonUniformity	3.357142857
wavelet-LHL	glszm	LargeAreaEmphasis	2.455357143
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	678.046937
wavelet-LHL	glszm	ZonePercentage	0.732026144
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.043982583
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1748.875
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	833.375
wavelet-LHL	glszm	SmallAreaEmphasis	0.795510913
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.013426024
wavelet-LHL	glszm	ZoneEntropy	5.8305684
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006186894
wavelet-LHL	ngtdm	Coarseness	0.041562724
wavelet-LHL	ngtdm	Complexity	4543.493802
wavelet-LHL	ngtdm	Strength	27.26062531
wavelet-LHL	ngtdm	Contrast	0.806815815
wavelet-LHL	ngtdm	Busyness	0.028535419
wavelet-LHH	gldm	GrayLevelVariance	20.81618181
wavelet-LHH	gldm	HighGrayLevelEmphasis	205.6339869
wavelet-LHH	gldm	DependenceEntropy	5.523905945
wavelet-LHH	gldm	DependenceNonUniformity	38.50326797
wavelet-LHH	gldm	GrayLevelNonUniformity	11.2745098
wavelet-LHH	gldm	SmallDependenceEmphasis	0.448582859
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	97.45681009
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.251655346
wavelet-LHH	gldm	LargeDependenceEmphasis	7.758169935
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.054409372
wavelet-LHH	gldm	DependenceVariance	2.191037635
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1531.921569
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013334569
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016701581
wavelet-LHH	glcm	JointAverage	13.62100333
wavelet-LHH	glcm	SumAverage	27.24200665
wavelet-LHH	glcm	JointEntropy	6.742600595
wavelet-LHH	glcm	ClusterShade	65.1319356
wavelet-LHH	glcm	MaximumProbability	0.035965116
wavelet-LHH	glcm	Idmn	0.954292102
wavelet-LHH	glcm	JointEnergy	0.011680423
wavelet-LHH	glcm	Contrast	44.00999621
wavelet-LHH	glcm	DifferenceEntropy	3.566682572
wavelet-LHH	glcm	InverseVariance	0.248729712
wavelet-LHH	glcm	DifferenceVariance	20.94522145
wavelet-LHH	glcm	Idn	0.869489001
wavelet-LHH	glcm	Idm	0.228674261
wavelet-LHH	glcm	Correlation	-0.039251184
wavelet-LHH	glcm	Autocorrelation	184.9110907
wavelet-LHH	glcm	SumEntropy	4.30440184
wavelet-LHH	glcm	SumSquares	21.36755439
wavelet-LHH	glcm	ClusterProminence	8120.369925
wavelet-LHH	glcm	Imc2	0.966772347



wavelet-LHH	glcm	Imc1	-0.340521383
wavelet-LHH	glcm	DifferenceAverage	4.752057795
wavelet-LHH	glcm	Id	0.313359439
wavelet-LHH	glcm	ClusterTendency	41.46022134
wavelet-LHH	firstorder	InterquartileRange	125.8273607
wavelet-LHH	firstorder	Skewness	0.235958376
wavelet-LHH	firstorder	Uniformity	0.073689607
wavelet-LHH	firstorder	Median	1.139234873
wavelet-LHH	firstorder	Energy	2026772.019
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	51.67705565
wavelet-LHH	firstorder	MeanAbsoluteDeviation	84.60087819
wavelet-LHH	firstorder	TotalEnergy	54722844.51
wavelet-LHH	firstorder	Maximum	374.174678
wavelet-LHH	firstorder	RootMeanSquared	115.0950735
wavelet-LHH	firstorder	90Percentile	143.0562704
wavelet-LHH	firstorder	Minimum	-311.759494
wavelet-LHH	firstorder	Entropy	4.079067867
wavelet-LHH	firstorder	Range	685.934172
wavelet-LHH	firstorder	Variance	13244.87937
wavelet-LHH	firstorder	10Percentile	-142.0340087
wavelet-LHH	firstorder	Kurtosis	4.194377749
wavelet-LHH	firstorder	Mean	1.413001645
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.017084562
wavelet-LHH	glrlm	GrayLevelVariance	21.65267235
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.017307553
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.071207629
wavelet-LHH	glrlm	RunVariance	0.063929013
wavelet-LHH	glrlm	GrayLevelNonUniformity	10.32725185
wavelet-LHH	glrlm	LongRunEmphasis	1.17838211
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	198.6819634
wavelet-LHH	glrlm	RunLengthNonUniformity	131.2598089
wavelet-LHH	glrlm	ShortRunEmphasis	0.961710979
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	241.0506728
wavelet-LHH	glrlm	RunPercentage	0.947712418
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.018333882
wavelet-LHH	glrlm	RunEntropy	4.340878174
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	206.1867904
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.904780894
wavelet-LHH	glszm	GrayLevelVariance	34.22364648
wavelet-LHH	glszm	ZoneVariance	6.53229887
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.054140665
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.508180132
wavelet-LHH	glszm	SizeZoneNonUniformity	39.12987013
wavelet-LHH	glszm	GrayLevelNonUniformity	4.168831169
wavelet-LHH	glszm	LargeAreaEmphasis	10.48051948
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	164.2720948
wavelet-LHH	glszm	ZonePercentage	0.503267974
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.079890144
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2062.415584
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	217
wavelet-LHH	glszm	SmallAreaEmphasis	0.739203478
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027234338
wavelet-LHH	glszm	ZoneEntropy	5.174072703
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.025508887
wavelet-LHH	ngtdm	Coarseness	0.045527889

wavelet-LHH	ngtdm	Complexity	814.9770103
wavelet-LHH	ngtdm	Strength	7.779659255
wavelet-LHH	ngtdm	Contrast	0.238254701
wavelet-LHH	ngtdm	Busyness	0.062833325
wavelet-LLH	gldm	GrayLevelVariance	104.924089
wavelet-LLH	gldm	HighGrayLevelEmphasis	674.6666667
wavelet-LLH	gldm	DependenceEntropy	6.000500506
wavelet-LLH	gldm	DependenceNonUniformity	56.4379085
wavelet-LLH	gldm	GrayLevelNonUniformity	5.104575163
wavelet-LLH	gldm	SmallDependenceEmphasis	0.597790487
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	427.9770243
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.368875219
wavelet-LLH	gldm	LargeDependenceEmphasis	4.777777778
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02194432
wavelet-LLH	gldm	DependenceVariance	1.404673416
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3192.457516
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009490721
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011197989
wavelet-LLH	glcm	JointAverage	23.64088808
wavelet-LLH	glcm	SumAverage	47.28177616
wavelet-LLH	glcm	JointEntropy	7.31006518
wavelet-LLH	glcm	ClusterShade	328.6107012
wavelet-LLH	glcm	MaximumProbability	0.018824351
wavelet-LLH	glcm	Idmn	0.957399824
wavelet-LLH	glcm	JointEnergy	0.006844046
wavelet-LLH	glcm	Contrast	137.395649
wavelet-LLH	glcm	DifferenceEntropy	4.278410137
wavelet-LLH	glcm	InverseVariance	0.133737045
wavelet-LLH	glcm	DifferenceVariance	53.11173988
wavelet-LLH	glcm	Idn	0.867544504
wavelet-LLH	glcm	Idm	0.132378713
wavelet-LLH	glcm	Correlation	0.359073127
wavelet-LLH	glcm	Autocorrelation	597.2101541
wavelet-LLH	glcm	SumEntropy	5.408681794
wavelet-LLH	glcm	SumSquares	106.9954054
wavelet-LLH	glcm	ClusterProminence	233853.1952
wavelet-LLH	glcm	Imc2	0.998542304
wavelet-LLH	glcm	Imc1	-0.574382306
wavelet-LLH	glcm	DifferenceAverage	8.932646076
wavelet-LLH	glcm	Id	0.212811455
wavelet-LLH	glcm	ClusterTendency	290.5859725
wavelet-LLH	firstorder	InterquartileRange	374.7796946
wavelet-LLH	firstorder	Skewness	0.051912438
wavelet-LLH	firstorder	Uniformity	0.033363236
wavelet-LLH	firstorder	Median	-53.0768088
wavelet-LLH	firstorder	Energy	10585860.2
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	142.3539038
wavelet-LLH	firstorder	MeanAbsoluteDeviation	203.1708041
wavelet-LLH	firstorder	TotalEnergy	285818225.4
wavelet-LLH	firstorder	Maximum	673.5121227
wavelet-LLH	firstorder	RootMeanSquared	263.0373144
wavelet-LLH	firstorder	90Percentile	251.0168128
wavelet-LLH	firstorder	Minimum	-629.9800592
wavelet-LLH	firstorder	Entropy	5.128317375
wavelet-LLH	firstorder	Range	1303.492182

wavelet-LLH	firstorder	Variance	64904.65367
wavelet-LLH	firstorder	10Percentile	-428.2426174
wavelet-LLH	firstorder	Kurtosis	2.686470339
wavelet-LLH	firstorder	Mean	-65.45208234
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011374459
wavelet-LLH	glrlm	GrayLevelVariance	106.6263411
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011459354
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.032681077
wavelet-LLH	glrlm	RunVariance	0.033151568
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.840586151
wavelet-LLH	glrlm	LongRunEmphasis	1.101600086
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	659.6190853
wavelet-LLH	glrlm	RunLengthNonUniformity	138.7831672
wavelet-LLH	glrlm	ShortRunEmphasis	0.975177479
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	741.0664503
wavelet-LLH	glrlm	RunPercentage	0.967823027
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.0118033
wavelet-LLH	glrlm	RunEntropy	5.24976642
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	675.6641601
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.936731083
wavelet-LLH	glszm	GrayLevelVariance	122.0758277
wavelet-LLH	glszm	ZoneVariance	1.048163265
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029478458
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.575873016
wavelet-LLH	glszm	SizeZoneNonUniformity	60.46666667
wavelet-LLH	glszm	GrayLevelNonUniformity	3.095238095
wavelet-LLH	glszm	LargeAreaEmphasis	3.171428571
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	572.9029127
wavelet-LLH	glszm	ZonePercentage	0.68627451
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.021762293
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2088.47619
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	698.9904762
wavelet-LLH	glszm	SmallAreaEmphasis	0.785896825
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.014456201
wavelet-LLH	glszm	ZoneEntropy	5.794918613
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013408212
wavelet-LLH	ngtdm	Coarseness	0.047330085
wavelet-LLH	ngtdm	Complexity	3810.847078
wavelet-LLH	ngtdm	Strength	30.69883787
wavelet-LLH	ngtdm	Contrast	0.605394149
wavelet-LLH	ngtdm	Busyness	0.024410368
wavelet-LLL	gldm	GrayLevelVariance	1118.482122
wavelet-LLL	gldm	HighGrayLevelEmphasis	3791.980392
wavelet-LLL	gldm	DependenceEntropy	6.482686372
wavelet-LLL	gldm	DependenceNonUniformity	90.03267974
wavelet-LLL	gldm	GrayLevelNonUniformity	2.267973856
wavelet-LLL	gldm	SmallDependenceEmphasis	0.794798475
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2733.041984
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.588448887
wavelet-LLL	gldm	LargeDependenceEmphasis	2.215686275
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031864385
wavelet-LLL	gldm	DependenceVariance	0.420436584
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	10750.97386
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01689061
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.019785356

wavelet-LLL	glcm	JointAverage	52.78055551
wavelet-LLL	glcm	SumAverage	105.561111
wavelet-LLL	glcm	JointEntropy	7.524753971
wavelet-LLL	glcm	ClusterShade	61185.64226
wavelet-LLL	glcm	MaximumProbability	0.010765946
wavelet-LLL	glcm	Idmn	0.943652825
wavelet-LLL	glcm	JointEnergy	0.005565652
wavelet-LLL	glcm	Contrast	876.7714298
wavelet-LLL	glcm	DifferenceEntropy	5.236896868
wavelet-LLL	glcm	InverseVariance	0.071309656
wavelet-LLL	glcm	DifferenceVariance	331.3669801
wavelet-LLL	glcm	Idn	0.848845942
wavelet-LLL	glcm	Idm	0.063326816
wavelet-LLL	glcm	Correlation	0.604219366
wavelet-LLL	glcm	Autocorrelation	3462.945314
wavelet-LLL	glcm	SumEntropy	6.159433052
wavelet-LLL	glcm	SumSquares	1114.779592
wavelet-LLL	glcm	ClusterProminence	25887196.46
wavelet-LLL	glcm	Imc2	0.999967217
wavelet-LLL	glcm	Imc1	-0.782688293
wavelet-LLL	glcm	DifferenceAverage	22.68071219
wavelet-LLL	glcm	Id	0.119111567
wavelet-LLL	glcm	ClusterTendency	3582.346939
wavelet-LLL	firstorder	InterquartileRange	1452.996669
wavelet-LLL	firstorder	Skewness	0.402709383
wavelet-LLL	firstorder	Uniformity	0.014823359
wavelet-LLL	firstorder	Median	-1401.646094
wavelet-LLL	firstorder	Energy	353490737.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	559.1121122
wavelet-LLL	firstorder	MeanAbsoluteDeviation	715.3790107
wavelet-LLL	firstorder	TotalEnergy	9544249914
wavelet-LLL	firstorder	Maximum	283.093425
wavelet-LLL	firstorder	RootMeanSquared	1519.999006
wavelet-LLL	firstorder	90Percentile	100.2270127
wavelet-LLL	firstorder	Minimum	-2533.786126
wavelet-LLL	firstorder	Entropy	6.243932614
wavelet-LLL	firstorder	Range	2816.879551
wavelet-LLL	firstorder	Variance	698351.2367
wavelet-LLL	firstorder	10Percentile	-2264.867203
wavelet-LLL	firstorder	Kurtosis	1.912005189
wavelet-LLL	firstorder	Mean	-1269.663633
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.019776854
wavelet-LLL	glrlm	GrayLevelVariance	1108.941639
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.019893174
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.014750616
wavelet-LLL	glrlm	RunVariance	0.014097027
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.227400224
wavelet-LLL	glrlm	LongRunEmphasis	1.041117594
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3714.745735
wavelet-LLL	glrlm	RunLengthNonUniformity	147.2332305
wavelet-LLL	glrlm	ShortRunEmphasis	0.990294226
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3989.223887
wavelet-LLL	glrlm	RunPercentage	0.986928105
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.020366391
wavelet-LLL	glrlm	RunEntropy	6.270528822

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3769.508743
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.974841152
wavelet-LLL	glszm	GrayLevelVariance	1008.884556
wavelet-LLL	glszm	ZoneVariance	0.268698225
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.01443787
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.766035503
wavelet-LLL	glszm	SizeZoneNonUniformity	99.58461538
wavelet-LLL	glszm	GrayLevelNonUniformity	1.876923077
wavelet-LLL	glszm	LargeAreaEmphasis	1.653846154
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3030.293857
wavelet-LLL	glszm	ZonePercentage	0.849673203
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.028049618
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	6998.530769
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3548.269231
wavelet-LLL	glszm	SmallAreaEmphasis	0.896901709
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.020992934
wavelet-LLL	glszm	ZoneEntropy	6.387526851
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019313422
wavelet-LLL	ngtdm	Coarseness	0.03460055
wavelet-LLL	ngtdm	Complexity	48530.67097
wavelet-LLL	ngtdm	Strength	192.0524604
wavelet-LLL	ngtdm	Contrast	3.942930401
wavelet-LLL	ngtdm	Busyness	0.007637837
wavelet-HHL	gldm	GrayLevelVariance	28.01777094
wavelet-HHL	gldm	HighGrayLevelEmphasis	255.7712418
wavelet-HHL	gldm	DependenceEntropy	5.468094546
wavelet-HHL	gldm	DependenceNonUniformity	51.53594771
wavelet-HHL	gldm	GrayLevelNonUniformity	8.960784314
wavelet-HHL	gldm	SmallDependenceEmphasis	0.521379811
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	122.6936583
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.33683626
wavelet-HHL	gldm	LargeDependenceEmphasis	4.581699346
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.038604905
wavelet-HHL	gldm	DependenceVariance	0.964244521
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1252.111111
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019963901
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.02226886
wavelet-HHL	glcm	JointAverage	15.24521388
wavelet-HHL	glcm	SumAverage	30.49042775
wavelet-HHL	glcm	JointEntropy	6.974511579
wavelet-HHL	glcm	ClusterShade	-167.6561619
wavelet-HHL	glcm	MaximumProbability	0.021302451
wavelet-HHL	glcm	Idmn	0.938778614
wavelet-HHL	glcm	JointEnergy	0.008977898
wavelet-HHL	glcm	Contrast	54.91371455
wavelet-HHL	glcm	DifferenceEntropy	3.754413343
wavelet-HHL	glcm	InverseVariance	0.171140032
wavelet-HHL	glcm	DifferenceVariance	20.50991578
wavelet-HHL	glcm	Idn	0.838566974
wavelet-HHL	glcm	Idm	0.159991859
wavelet-HHL	glcm	Correlation	-0.003043698
wavelet-HHL	glcm	Autocorrelation	232.4202579
wavelet-HHL	glcm	SumEntropy	4.565365425
wavelet-HHL	glcm	SumSquares	27.44781143
wavelet-HHL	glcm	ClusterProminence	10943.81175

wavelet-HHL	glcm	Imc2	0.977993804
wavelet-HHL	glcm	Imc1	-0.372051558
wavelet-HHL	glcm	DifferenceAverage	5.773864042
wavelet-HHL	glcm	Id	0.252448244
wavelet-HHL	glcm	ClusterTendency	54.87753115
wavelet-HHL	firstorder	InterquartileRange	170.8564672
wavelet-HHL	firstorder	Skewness	-0.35188571
wavelet-HHL	firstorder	Uniformity	0.058567218
wavelet-HHL	firstorder	Median	-5.150267578
wavelet-HHL	firstorder	Energy	2658588.529
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	74.13379995
wavelet-HHL	firstorder	MeanAbsoluteDeviation	106.4596206
wavelet-HHL	firstorder	TotalEnergy	71781890.27
wavelet-HHL	firstorder	Maximum	292.9285529
wavelet-HHL	firstorder	RootMeanSquared	131.819557
wavelet-HHL	firstorder	90Percentile	138.0477435
wavelet-HHL	firstorder	Minimum	-357.0054941
wavelet-HHL	firstorder	Entropy	4.332802407
wavelet-HHL	firstorder	Range	649.934047
wavelet-HHL	firstorder	Variance	17275.18313
wavelet-HHL	firstorder	10Percentile	-186.9020549
wavelet-HHL	firstorder	Kurtosis	2.946593311
wavelet-HHL	firstorder	Mean	-10.06044139
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.022782431
wavelet-HHL	glrlm	GrayLevelVariance	28.47844068
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.022906916
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.057792858
wavelet-HHL	glrlm	RunVariance	0.036756389
wavelet-HHL	glrlm	GrayLevelNonUniformity	8.536454393
wavelet-HHL	glrlm	LongRunEmphasis	1.110787782
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	247.616038
wavelet-HHL	glrlm	RunLengthNonUniformity	137.7960686
wavelet-HHL	glrlm	ShortRunEmphasis	0.973494405
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	285.9844095
wavelet-HHL	glrlm	RunPercentage	0.965309201
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.023418053
wavelet-HHL	glrlm	RunEntropy	4.492398926
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	254.9456502
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.932537961
wavelet-HHL	glszm	GrayLevelVariance	35.11087987
wavelet-HHL	glszm	ZoneVariance	1.927852931
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.050526072
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.491501908
wavelet-HHL	glszm	SizeZoneNonUniformity	45.70967742
wavelet-HHL	glszm	GrayLevelNonUniformity	4.698924731
wavelet-HHL	glszm	LargeAreaEmphasis	4.634408602
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	165.2108736
wavelet-HHL	glszm	ZonePercentage	0.607843137
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.048441697
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1339.602151
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	238.0967742
wavelet-HHL	glszm	SmallAreaEmphasis	0.727502246
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.033646936
wavelet-HHL	glszm	ZoneEntropy	5.352023026
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.032223732

wavelet-HHL	ngtdm	Coarseness	0.032655084
wavelet-HHL	ngtdm	Complexity	1168.633127
wavelet-HHL	ngtdm	Strength	7.183984136
wavelet-HHL	ngtdm	Contrast	0.352457113
wavelet-HHL	ngtdm	Busyness	0.075902908
wavelet-HLH	gldm	GrayLevelVariance	22.72467854
wavelet-HLH	gldm	HighGrayLevelEmphasis	207.5424837
wavelet-HLH	gldm	DependenceEntropy	5.490336372
wavelet-HLH	gldm	DependenceNonUniformity	50.54248366
wavelet-HLH	gldm	GrayLevelNonUniformity	9.836601307
wavelet-HLH	gldm	SmallDependenceEmphasis	0.499546115
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	112.8490378
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.33034303
wavelet-HLH	gldm	LargeDependenceEmphasis	4.633986928
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.04253048
wavelet-HLH	gldm	DependenceVariance	0.916399675
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	894.7712418
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01042942
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.014738641
wavelet-HLH	glcm	JointAverage	13.62534252
wavelet-HLH	glcm	SumAverage	27.25068505
wavelet-HLH	glcm	JointEntropy	6.928036339
wavelet-HLH	glcm	ClusterShade	45.39704255
wavelet-HLH	glcm	MaximumProbability	0.023275692
wavelet-HLH	glcm	Idmn	0.945893798
wavelet-HLH	glcm	JointEnergy	0.0093631
wavelet-HLH	glcm	Contrast	49.92560107
wavelet-HLH	glcm	DifferenceEntropy	3.702157129
wavelet-HLH	glcm	InverseVariance	0.165115846
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wavelet-HLH	glcm	Idn	0.845210338
wavelet-HLH	glcm	Idm	0.160258163
wavelet-HLH	glcm	Correlation	0.004110766
wavelet-HLH	glcm	Autocorrelation	185.7811096
wavelet-HLH	glcm	SumEntropy	4.497882448
wavelet-HLH	glcm	SumSquares	25.08635768
wavelet-HLH	glcm	ClusterProminence	7905.419825
wavelet-HLH	glcm	Imc2	0.967933795
wavelet-HLH	glcm	Imc1	-0.338838579
wavelet-HLH	glcm	DifferenceAverage	5.621767985
wavelet-HLH	glcm	Id	0.253759829
wavelet-HLH	glcm	ClusterTendency	50.41982964
wavelet-HLH	firstorder	InterquartileRange	161.5865332
wavelet-HLH	firstorder	Skewness	0.224231874
wavelet-HLH	firstorder	Uniformity	0.064291512
wavelet-HLH	firstorder	Median	-10.54114965
wavelet-HLH	firstorder	Energy	2194163.527
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	68.33474488
wavelet-HLH	firstorder	MeanAbsoluteDeviation	96.74126989
wavelet-HLH	firstorder	TotalEnergy	59242415.23
wavelet-HLH	firstorder	Maximum	358.2065757
wavelet-HLH	firstorder	RootMeanSquared	119.7536558
wavelet-HLH	firstorder	90Percentile	156.8996058
wavelet-HLH	firstorder	Minimum	-304.2092028
wavelet-HLH	firstorder	Entropy	4.153024778

wavelet-HLH	firstorder	Range	662.4157785
wavelet-HLH	firstorder	Variance	14334.87296
wavelet-HLH	firstorder	10Percentile	-155.1487307
wavelet-HLH	firstorder	Kurtosis	2.805302178
wavelet-HLH	firstorder	Mean	2.462748459
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014769092
wavelet-HLH	glrlm	GrayLevelVariance	22.96960618
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.014992597
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.063724389
wavelet-HLH	glrlm	RunVariance	0.037690945
wavelet-HLH	glrlm	GrayLevelNonUniformity	9.402623618
wavelet-HLH	glrlm	LongRunEmphasis	1.115338088
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	202.93978
wavelet-HLH	glrlm	RunLengthNonUniformity	137.493815
wavelet-HLH	glrlm	ShortRunEmphasis	0.972353995
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	230.3235144
wavelet-HLH	glrlm	RunPercentage	0.96430367
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.015909362
wavelet-HLH	glrlm	RunEntropy	4.316603559
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	208.1728643
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.930663194
wavelet-HLH	glszm	GrayLevelVariance	26.19863568
wavelet-HLH	glszm	ZoneVariance	1.024627125
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058619494
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.444328824
wavelet-HLH	glszm	SizeZoneNonUniformity	41.32258065
wavelet-HLH	glszm	GrayLevelNonUniformity	5.451612903
wavelet-HLH	glszm	LargeAreaEmphasis	3.731182796
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	161.3775717
wavelet-HLH	glszm	ZonePercentage	0.607843137
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04051423
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	727.4193548
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	220.0967742
wavelet-HLH	glszm	SmallAreaEmphasis	0.689124851
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.018830426
wavelet-HLH	glszm	ZoneEntropy	5.315357332
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015967191
wavelet-HLH	ngtdm	Coarseness	0.032182985
wavelet-HLH	ngtdm	Complexity	823.8798266
wavelet-HLH	ngtdm	Strength	5.578888549
wavelet-HLH	ngtdm	Contrast	0.357838571
wavelet-HLH	ngtdm	Busyness	0.127263757



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general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	608
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original	shape	SurfaceVolumeRatio	0.262961215
original	shape	Volume	16416
original	shape	MajorAxis	41.11398374
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original	shape	LeastAxis	20.80359589
original	shape	Maximum2DDiameterColumn	38.18376618
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original	gldm	GrayLevelVariance	279.8006839
original	gldm	HighGrayLevelEmphasis	738.9440789
original	gldm	DependenceEntropy	7.018263682
original	gldm	DependenceNonUniformity	137.2434211
original	gldm	GrayLevelNonUniformity	20.89802632
original	gldm	SmallDependenceEmphasis	0.460972799
original	gldm	SmallDependenceHighGrayLevelEmphasis	476.83438
original	gldm	DependenceNonUniformityNormalized	0.225729311
original	gldm	LargeDependenceEmphasis	11.54934211
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.359053116
original	gldm	DependenceVariance	4.166681094
original	gldm	LargeDependenceHighGrayLevelEmphasis	5145.881579
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007659933

original	gldm	LowGrayLevelEmphasis	0.021292634
original	glcm	JointAverage	21.06298511
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original	glcm	JointEntropy	8.649921539
original	glcm	ClusterShade	16159.66936
original	glcm	MaximumProbability	0.018475767
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original	glcm	Contrast	162.3353589
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original	glcm	InverseVariance	0.205606041
original	glcm	DifferenceVariance	84.13862708
original	glcm	ldn	0.902883023
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original	glcm	Correlation	0.68566094
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original	glcm	SumSquares	260.3891997
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original	glcm	ClusterTendency	879.2214397
original	firstorder	InterquartileRange	695.25
original	firstorder	Skewness	0.706041073
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original	firstorder	Median	-551.5
original	firstorder	Energy	192604324
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original	firstorder	Entropy	5.342703649
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original	firstorder	Kurtosis	2.443402303
original	firstorder	Mean	-377.2171053
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original	glrlm	LowGrayLevelRunEmphasis	0.020733519
original	glrlm	GrayLevelNonUniformityNormalized	0.032484732
original	glrlm	RunVariance	0.081336842
original	glrlm	GrayLevelNonUniformity	18.4512974
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original	glrlm	LongRunHighGrayLevelEmphasis	858.5200469

original	glrlm	RunPercentage	0.93395749
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original	glrlm	RunLengthNonUniformityNormalized	0.879460558
original	glszm	GrayLevelVariance	297.0637253
original	glszm	ZoneVariance	10.43075963
original	glszm	GrayLevelNonUniformityNormalized	0.021165453
original	glszm	SizeZoneNonUniformityNormalized	0.584828304
original	glszm	SizeZoneNonUniformity	181.2967742
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original	glszm	LargeAreaEmphasis	14.27741935
original	glszm	SmallAreaHighGrayLevelEmphasis	874.3807295
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original	glszm	LargeAreaHighGrayLevelEmphasis	6513.354839
original	glszm	HighGrayLevelZoneEmphasis	1007.716129
original	glszm	SmallAreaEmphasis	0.789717521
original	glszm	LowGrayLevelZoneEmphasis	0.017177219
original	glszm	ZoneEntropy	6.566373612
original	glszm	SmallAreaLowGrayLevelEmphasis	0.012597577
original	ngtdm	Coarseness	0.011468802
original	ngtdm	Complexity	9764.636501
original	ngtdm	Strength	32.59418525
original	ngtdm	Contrast	0.69351617
original	ngtdm	Busyness	0.076915713
wavelet-HHH	gldm	GrayLevelVariance	25.60407018
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wavelet-HHH	gldm	DependenceEntropy	6.175378777
wavelet-HHH	gldm	DependenceNonUniformity	151.8125
wavelet-HHH	gldm	GrayLevelNonUniformity	39.61842105
wavelet-HHH	gldm	SmallDependenceEmphasis	0.452568461
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	172.4219911
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.249691612
wavelet-HHH	gldm	LargeDependenceEmphasis	7.523026316
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.027995073
wavelet-HHH	gldm	DependenceVariance	2.037569252
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2727.666118
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005667113
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007578687
wavelet-HHH	glcm	JointAverage	18.49689893
wavelet-HHH	glcm	SumAverage	36.99379787
wavelet-HHH	glcm	JointEntropy	7.9175464
wavelet-HHH	glcm	ClusterShade	-41.6165645
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wavelet-HHH	glcm	JointEnergy	0.005920578
wavelet-HHH	glcm	Contrast	54.74364811
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wavelet-HHH	glcm	InverseVariance	0.205382052
wavelet-HHH	glcm	DifferenceVariance	23.96625525
wavelet-HHH	glcm	ldn	0.876970919
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wavelet-HHH	glcm	Correlation	-0.043055914
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wavelet-HHH	glcm	ClusterProminence	10981.8095
wavelet-HHH	glcm	Imc2	0.858036323
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wavelet-HHH	glcm	DifferenceAverage	5.44581659
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wavelet-HHH	firstorder	InterquartileRange	136.1799155
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wavelet-HHH	firstorder	Uniformity	0.065161877
wavelet-HHH	firstorder	Median	4.877290186
wavelet-HHH	firstorder	Energy	9742489.517
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	58.27638005
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wavelet-HHH	firstorder	Entropy	4.283695737
wavelet-HHH	firstorder	Range	851.1326946
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wavelet-HHH	firstorder	Kurtosis	3.948482568
wavelet-HHH	firstorder	Mean	0.914514557
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007688362
wavelet-HHH	glrlm	GrayLevelVariance	26.48011904
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00781453
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.063361145
wavelet-HHH	glrlm	RunVariance	0.062287575
wavelet-HHH	glrlm	GrayLevelNonUniformity	36.53892357
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wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	355.8195865
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	432.5180658
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.00838171
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	369.641554
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	284.4584392
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.042695199
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4100.545161
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.011633174
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.010591379
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wavelet-HLL	gldm	GrayLevelNonUniformity	32.78289474
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	981.593633
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wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005417103
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.00257823
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wavelet-HLL	glcm	Idmn	0.9835771
wavelet-HLL	glcm	JointEnergy	0.004730138
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wavelet-HLL	glcm	Correlation	0.339368891
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wavelet-HLL	glcm	ClusterProminence	248876.8006
wavelet-HLL	glcm	Imc2	0.921957261
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wavelet-HLL	glcm	ClusterTendency	153.5278777
wavelet-HLL	firstorder	InterquartileRange	178.7979383
wavelet-HLL	firstorder	Skewness	-2.221536414
wavelet-HLL	firstorder	Uniformity	0.053919235
wavelet-HLL	firstorder	Median	-11.35775803

wavelet-HLL	firstorder	Energy	25312305.24
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	76.41339541
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wavelet-HLL	firstorder	TotalEnergy	683432241.5
wavelet-HLL	firstorder	Maximum	315.3082735
wavelet-HLL	firstorder	RootMeanSquared	204.0394104
wavelet-HLL	firstorder	90Percentile	128.3375447
wavelet-HLL	firstorder	Minimum	-1234.466337
wavelet-HLL	firstorder	Entropy	4.601187169
wavelet-HLL	firstorder	Range	1549.774611
wavelet-HLL	firstorder	Variance	39324.34705
wavelet-HLL	firstorder	10Percentile	-260.5827309
wavelet-HLL	firstorder	Kurtosis	10.89170714
wavelet-HLL	firstorder	Mean	-48.03887939
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.002688134
wavelet-HLL	grlm	GrayLevelVariance	65.22413739
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.002705516
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.052516432
wavelet-HLL	grlm	RunVariance	0.062173863
wavelet-HLL	grlm	GrayLevelNonUniformity	30.17170538
wavelet-HLL	grlm	LongRunEmphasis	1.18355114
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	2308.316539
wavelet-HLL	grlm	RunLengthNonUniformity	514.9333885
wavelet-HLL	grlm	ShortRunEmphasis	0.958010066
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	2888.639456
wavelet-HLL	grlm	RunPercentage	0.944838057
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.002780884
wavelet-HLL	grlm	RunEntropy	4.904720465
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	2415.966836
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.895730757
wavelet-HLL	glszm	GrayLevelVariance	94.17542942
wavelet-HLL	glszm	ZoneVariance	6.785434979
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.040399089
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.471206527
wavelet-HLL	glszm	SizeZoneNonUniformity	142.7755776
wavelet-HLL	glszm	GrayLevelNonUniformity	12.24092409
wavelet-HLL	glszm	LargeAreaEmphasis	10.81188119
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1592.796439
wavelet-HLL	glszm	ZonePercentage	0.498355263
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008612071
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	28005.20792
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	2298.214521
wavelet-HLL	glszm	SmallAreaEmphasis	0.712850098
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004748214
wavelet-HLL	glszm	ZoneEntropy	6.220777
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004612329
wavelet-HLL	ngtdm	Coarseness	0.011293202
wavelet-HLL	ngtdm	Complexity	4824.748621
wavelet-HLL	ngtdm	Strength	18.41132061
wavelet-HLL	ngtdm	Contrast	0.224075056
wavelet-HLL	ngtdm	Busyness	0.028622215
wavelet-LHL	gldm	GrayLevelVariance	53.90568462
wavelet-LHL	gldm	HighGrayLevelEmphasis	1621.570724

wavelet-LHL	gldm	DependenceEntropy	6.510571415
wavelet-LHL	gldm	DependenceNonUniformity	162.4835526
wavelet-LHL	gldm	GrayLevelNonUniformity	28.63815789
wavelet-LHL	gldm	SmallDependenceEmphasis	0.450783022
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	702.6982014
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.267242685
wavelet-LHL	gldm	LargeDependenceEmphasis	6.391447368
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006211236
wavelet-LHL	gldm	DependenceVariance	1.490467019
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	10711.90954
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002459592
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002818228
wavelet-LHL	glcm	JointAverage	39.91004351
wavelet-LHL	glcm	SumAverage	79.82008703
wavelet-LHL	glcm	JointEntropy	8.455045293
wavelet-LHL	glcm	ClusterShade	-693.013381
wavelet-LHL	glcm	MaximumProbability	0.015559226
wavelet-LHL	glcm	ldmn	0.981412057
wavelet-LHL	glcm	JointEnergy	0.003817459
wavelet-LHL	glcm	Contrast	70.24793929
wavelet-LHL	glcm	DifferenceEntropy	4.029678212
wavelet-LHL	glcm	InverseVariance	0.175069809
wavelet-LHL	glcm	DifferenceVariance	30.34841097
wavelet-LHL	glcm	ldn	0.911165977
wavelet-LHL	glcm	ldm	0.170315959
wavelet-LHL	glcm	Correlation	0.263507913
wavelet-LHL	glcm	Autocorrelation	1605.466842
wavelet-LHL	glcm	SumEntropy	5.317835822
wavelet-LHL	glcm	SumSquares	47.75504357
wavelet-LHL	glcm	ClusterProminence	64954.26627
wavelet-LHL	glcm	lmc2	0.9264952
wavelet-LHL	glcm	lmc1	-0.208938556
wavelet-LHL	glcm	DifferenceAverage	6.188276436
wavelet-LHL	glcm	ld	0.259452316
wavelet-LHL	glcm	ClusterTendency	120.772235
wavelet-LHL	firstorder	InterquartileRange	199.8049091
wavelet-LHL	firstorder	Skewness	-0.965958538
wavelet-LHL	firstorder	Uniformity	0.047102233
wavelet-LHL	firstorder	Median	-1.374935866
wavelet-LHL	firstorder	Energy	20725682.72
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	84.85199279
wavelet-LHL	firstorder	MeanAbsoluteDeviation	134.3828842
wavelet-LHL	firstorder	TotalEnergy	559593433.5
wavelet-LHL	firstorder	Maximum	461.9634445
wavelet-LHL	firstorder	RootMeanSquared	184.6301545
wavelet-LHL	firstorder	90Percentile	195.0623286
wavelet-LHL	firstorder	Minimum	-978.3133433
wavelet-LHL	firstorder	Entropy	4.751102182
wavelet-LHL	firstorder	Range	1440.276788
wavelet-LHL	firstorder	Variance	33595.98078
wavelet-LHL	firstorder	10Percentile	-238.4057015
wavelet-LHL	firstorder	Kurtosis	6.173941878
wavelet-LHL	firstorder	Mean	-22.1881312

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.0029026
wavelet-LHL	grlm	GrayLevelVariance	55.25375676
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.00292544
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.046050014
wavelet-LHL	grlm	RunVariance	0.050539001
wavelet-LHL	grlm	GrayLevelNonUniformity	26.69217792
wavelet-LHL	grlm	LongRunEmphasis	1.151574242
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1558.68342
wavelet-LHL	grlm	RunLengthNonUniformity	527.8445738
wavelet-LHL	grlm	ShortRunEmphasis	0.96433045
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1873.632918
wavelet-LHL	grlm	RunPercentage	0.953314777
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.003022059
wavelet-LHL	grlm	RunEntropy	5.002301454
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1618.621429
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.910310478
wavelet-LHL	glszm	GrayLevelVariance	75.7860053
wavelet-LHL	glszm	ZoneVariance	5.69036035
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037320517
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.463727701
wavelet-LHL	glszm	SizeZoneNonUniformity	147.4654088
wavelet-LHL	glszm	GrayLevelNonUniformity	11.86792453
wavelet-LHL	glszm	LargeAreaEmphasis	9.34591195
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1087.22174
wavelet-LHL	glszm	ZonePercentage	0.523026316
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.009925512
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	15714.74528
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1569.924528
wavelet-LHL	glszm	SmallAreaEmphasis	0.707851256
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.00479979
wavelet-LHL	glszm	ZoneEntropy	6.314514777
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004600753
wavelet-LHL	ngtdm	Coarseness	0.011721105
wavelet-LHL	ngtdm	Complexity	4011.946398
wavelet-LHL	ngtdm	Strength	10.68208979
wavelet-LHL	ngtdm	Contrast	0.223945969
wavelet-LHL	ngtdm	Busyness	0.039783537
wavelet-LHH	gldm	GrayLevelVariance	84.80582367
wavelet-LHH	gldm	HighGrayLevelEmphasis	1283.013158
wavelet-LHH	gldm	DependenceEntropy	6.550801344
wavelet-LHH	gldm	DependenceNonUniformity	207.2171053
wavelet-LHH	gldm	GrayLevelNonUniformity	25.05592105
wavelet-LHH	gldm	SmallDependenceEmphasis	0.579915908
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	773.6220794
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.340817607
wavelet-LHH	gldm	LargeDependenceEmphasis	4.825657895
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.006673784
wavelet-LHH	gldm	DependenceVariance	1.27292893
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5872.266447
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002805996
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003202808
wavelet-LHH	glcm	JointAverage	34.65227781
wavelet-LHH	glcm	SumAverage	69.30455562



wavelet-LHH	glcm	JointEntropy	8.747437373
wavelet-LHH	glcm	ClusterShade	564.3492708
wavelet-LHH	glcm	MaximumProbability	0.011302713
wavelet-LHH	glcm	Idmn	0.969304625
wavelet-LHH	glcm	JointEnergy	0.003009836
wavelet-LHH	glcm	Contrast	176.8583186
wavelet-LHH	glcm	DifferenceEntropy	4.567459785
wavelet-LHH	glcm	InverseVariance	0.13192583
wavelet-LHH	glcm	DifferenceVariance	81.94876244
wavelet-LHH	glcm	Idn	0.891738169
wavelet-LHH	glcm	Idm	0.127835956
wavelet-LHH	glcm	Correlation	-0.024312938
wavelet-LHH	glcm	Autocorrelation	1198.538602
wavelet-LHH	glcm	SumEntropy	5.423864533
wavelet-LHH	glcm	SumSquares	86.18475835
wavelet-LHH	glcm	ClusterProminence	158648.3096
wavelet-LHH	glcm	Imc2	0.968855064
wavelet-LHH	glcm	Imc1	-0.276979952
wavelet-LHH	glcm	DifferenceAverage	9.42498664
wavelet-LHH	glcm	Id	0.209986334
wavelet-LHH	glcm	ClusterTendency	167.8807148
wavelet-LHH	firstorder	InterquartileRange	208.15023
wavelet-LHH	firstorder	Skewness	0.239433272
wavelet-LHH	firstorder	Uniformity	0.041210396
wavelet-LHH	firstorder	Median	-3.140698898
wavelet-LHH	firstorder	Energy	32159836.94
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	95.88337487
wavelet-LHH	firstorder	MeanAbsoluteDeviation	162.7139124
wavelet-LHH	firstorder	TotalEnergy	868315597.5
wavelet-LHH	firstorder	Maximum	895.0782311
wavelet-LHH	firstorder	RootMeanSquared	229.987975
wavelet-LHH	firstorder	90Percentile	277.4381464
wavelet-LHH	firstorder	Minimum	-840.4860603
wavelet-LHH	firstorder	Entropy	5.056333248
wavelet-LHH	firstorder	Range	1735.564291
wavelet-LHH	firstorder	Variance	52882.98755
wavelet-LHH	firstorder	10Percentile	-253.2334246
wavelet-LHH	firstorder	Kurtosis	4.873376596
wavelet-LHH	firstorder	Mean	3.388378272
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.003260282
wavelet-LHH	grlm	GrayLevelVariance	86.76279969
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.003283525
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.040293071
wavelet-LHH	grlm	RunVariance	0.038452314
wavelet-LHH	grlm	GrayLevelNonUniformity	23.66366717
wavelet-LHH	grlm	LongRunEmphasis	1.110718274
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	1255.3384
wavelet-LHH	grlm	RunLengthNonUniformity	549.7787508
wavelet-LHH	grlm	ShortRunEmphasis	0.97474372
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	1418.852319
wavelet-LHH	grlm	RunPercentage	0.965966599
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.003385996
wavelet-LHH	grlm	RunEntropy	5.252090436

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	1285.818671
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.935798699
wavelet-LHH	glszm	GrayLevelVariance	113.2162823
wavelet-LHH	glszm	ZoneVariance	3.482623021
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.03181794
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.609190669
wavelet-LHH	glszm	SizeZoneNonUniformity	236.3659794
wavelet-LHH	glszm	GrayLevelNonUniformity	12.34536082
wavelet-LHH	glszm	LargeAreaEmphasis	5.93814433
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	1090.025916
wavelet-LHH	glszm	ZonePercentage	0.638157895
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.008810565
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	7312.871134
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1328.134021
wavelet-LHH	glszm	SmallAreaEmphasis	0.807407436
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004486002
wavelet-LHH	glszm	ZoneEntropy	6.227458337
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004298386
wavelet-LHH	ngtdm	Coarseness	0.011354588
wavelet-LHH	ngtdm	Complexity	9676.723243
wavelet-LHH	ngtdm	Strength	12.18233484
wavelet-LHH	ngtdm	Contrast	0.329691296
wavelet-LHH	ngtdm	Busyness	0.036151141
wavelet-LLH	gldm	GrayLevelVariance	169.4434703
wavelet-LLH	gldm	HighGrayLevelEmphasis	3712.629934
wavelet-LLH	gldm	DependenceEntropy	6.908161002
wavelet-LLH	gldm	DependenceNonUniformity	220.1644737
wavelet-LLH	gldm	GrayLevelNonUniformity	15.80921053
wavelet-LLH	gldm	SmallDependenceEmphasis	0.585932346
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	2181.6288
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.362112621
wavelet-LLH	gldm	LargeDependenceEmphasis	4.246710526
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.002989048
wavelet-LLH	gldm	DependenceVariance	1.020905471
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	15631.85362
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001877202
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00200821
wavelet-LLH	glcm	JointAverage	59.75855651
wavelet-LLH	glcm	SumAverage	119.517113
wavelet-LLH	glcm	JointEntropy	9.204284317
wavelet-LLH	glcm	ClusterShade	-4239.835688
wavelet-LLH	glcm	MaximumProbability	0.007745371
wavelet-LLH	glcm	ldmn	0.976637247
wavelet-LLH	glcm	JointEnergy	0.001982059
wavelet-LLH	glcm	Contrast	227.5363199
wavelet-LLH	glcm	DifferenceEntropy	4.753582979
wavelet-LLH	glcm	InverseVariance	0.107088723
wavelet-LLH	glcm	DifferenceVariance	98.36862827
wavelet-LLH	glcm	ldn	0.902507612
wavelet-LLH	glcm	ldm	0.108132168
wavelet-LLH	glcm	Correlation	0.278925575
wavelet-LLH	glcm	Autocorrelation	3615.173089
wavelet-LLH	glcm	SumEntropy	6.086501548

wavelet-LLH	glcm	SumSquares	157.8441283
wavelet-LLH	glcm	ClusterProminence	723746.6784
wavelet-LLH	glcm	Imc2	0.988037943
wavelet-LLH	glcm	Imc1	-0.339566386
wavelet-LLH	glcm	DifferenceAverage	10.93859711
wavelet-LLH	glcm	Id	0.186963827
wavelet-LLH	glcm	ClusterTendency	403.8401931
wavelet-LLH	firstorder	InterquartileRange	357.880195
wavelet-LLH	firstorder	Skewness	-0.682607588
wavelet-LLH	firstorder	Uniformity	0.026001991
wavelet-LLH	firstorder	Median	-28.57077081
wavelet-LLH	firstorder	Energy	65630039.19
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	152.8259961
wavelet-LLH	firstorder	MeanAbsoluteDeviation	241.712048
wavelet-LLH	firstorder	TotalEnergy	1772011058
wavelet-LLH	firstorder	Maximum	786.0040781
wavelet-LLH	firstorder	RootMeanSquared	328.5485404
wavelet-LLH	firstorder	90Percentile	335.2870403
wavelet-LLH	firstorder	Minimum	-1503.284851
wavelet-LLH	firstorder	Entropy	5.583144261
wavelet-LLH	firstorder	Range	2289.288929
wavelet-LLH	firstorder	Variance	105487.1257
wavelet-LLH	firstorder	10Percentile	-444.9640791
wavelet-LLH	firstorder	Kurtosis	4.372778832
wavelet-LLH	firstorder	Mean	-49.56831373
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.002055311
wavelet-LLH	grlm	GrayLevelVariance	171.9937189
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.002062358
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.02563004
wavelet-LLH	grlm	RunVariance	0.03451439
wavelet-LLH	grlm	GrayLevelNonUniformity	15.10600316
wavelet-LLH	grlm	LongRunEmphasis	1.09950507
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	3629.965862
wavelet-LLH	grlm	RunLengthNonUniformity	555.5698012
wavelet-LLH	grlm	ShortRunEmphasis	0.977251965
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	4080.286892
wavelet-LLH	grlm	RunPercentage	0.969382591
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.00209288
wavelet-LLH	grlm	RunEntropy	5.737301527
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	3713.621214
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.942164667
wavelet-LLH	glszm	GrayLevelVariance	202.656401
wavelet-LLH	glszm	ZoneVariance	1.074098751
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.022831648
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.555455086
wavelet-LLH	glszm	SizeZoneNonUniformity	227.7365854
wavelet-LLH	glszm	GrayLevelNonUniformity	9.36097561
wavelet-LLH	glszm	LargeAreaEmphasis	3.273170732
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2878.071944
wavelet-LLH	glszm	ZonePercentage	0.674342105
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.003510944
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	12119.35854
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	3713.363415

wavelet-LLH	glszm	SmallAreaEmphasis	0.773910189
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002827875
wavelet-LLH	glszm	ZoneEntropy	6.667102682
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002753886
wavelet-LLH	ngtdm	Coarseness	0.011898552
wavelet-LLH	ngtdm	Complexity	15786.01085
wavelet-LLH	ngtdm	Strength	21.4472701
wavelet-LLH	ngtdm	Contrast	0.507175694
wavelet-LLH	ngtdm	Busyness	0.018458563
wavelet-LLL	gldm	GrayLevelVariance	1999.680507
wavelet-LLL	gldm	HighGrayLevelEmphasis	5667.297697
wavelet-LLL	gldm	DependenceEntropy	7.682637774
wavelet-LLL	gldm	DependenceNonUniformity	258.3190789
wavelet-LLL	gldm	GrayLevelNonUniformity	6.430921053
wavelet-LLL	gldm	SmallDependenceEmphasis	0.660602613
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	4401.882201
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.424866906
wavelet-LLL	gldm	LargeDependenceEmphasis	3.345394737
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031528641
wavelet-LLL	gldm	DependenceVariance	0.747359765
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	12397.33059
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002190001
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006331658
wavelet-LLL	glcm	JointAverage	59.41729505
wavelet-LLL	glcm	SumAverage	118.8345901
wavelet-LLL	glcm	JointEntropy	9.59116304
wavelet-LLL	glcm	ClusterShade	240327.3386
wavelet-LLL	glcm	MaximumProbability	0.004630728
wavelet-LLL	glcm	ldmn	0.972447114
wavelet-LLL	glcm	JointEnergy	0.001389832
wavelet-LLL	glcm	Contrast	779.5386588
wavelet-LLL	glcm	DifferenceEntropy	5.434315563
wavelet-LLL	glcm	InverseVariance	0.086705849
wavelet-LLL	glcm	DifferenceVariance	315.6502546
wavelet-LLL	glcm	ldn	0.899061458
wavelet-LLL	glcm	ldm	0.085222584
wavelet-LLL	glcm	Correlation	0.782016804
wavelet-LLL	glcm	Autocorrelation	4956.12017
wavelet-LLL	glcm	SumEntropy	7.471425413
wavelet-LLL	glcm	SumSquares	1815.237281
wavelet-LLL	glcm	ClusterProminence	82117117.48
wavelet-LLL	glcm	lmc2	0.999850502
wavelet-LLL	glcm	lmc1	-0.595136889
wavelet-LLL	glcm	DifferenceAverage	19.66286374
wavelet-LLL	glcm	ld	0.14916126
wavelet-LLL	glcm	ClusterTendency	6481.410464
wavelet-LLL	firstorder	InterquartileRange	1957.30151
wavelet-LLL	firstorder	Skewness	0.462742513
wavelet-LLL	firstorder	Uniformity	0.010577173
wavelet-LLL	firstorder	Median	-1353.725791
wavelet-LLL	firstorder	Energy	1428800846
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	820.1008327
wavelet-LLL	firstorder	MeanAbsoluteDeviation	998.5712513

wavelet-LLL	firstorder	TotalEnergy	38577622832
wavelet-LLL	firstorder	Maximum	1384.470878
wavelet-LLL	firstorder	RootMeanSquared	1532.971425
wavelet-LLL	firstorder	90Percentile	611.8381809
wavelet-LLL	firstorder	Minimum	-2546.822212
wavelet-LLL	firstorder	Entropy	6.851943218
wavelet-LLL	firstorder	Range	3931.293089
wavelet-LLL	firstorder	Variance	1249772.616
wavelet-LLL	firstorder	10Percentile	-2283.098446
wavelet-LLL	firstorder	Kurtosis	1.834603183
wavelet-LLL	firstorder	Mean	-1048.917906
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.006006367
wavelet-LLL	grlm	GrayLevelVariance	1998.691921
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.006210542
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.010438813
wavelet-LLL	grlm	RunVariance	0.024562773
wavelet-LLL	grlm	GrayLevelNonUniformity	6.197867738
wavelet-LLL	grlm	LongRunEmphasis	1.073713196
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	5668.443787
wavelet-LLL	grlm	RunLengthNonUniformity	566.4580913
wavelet-LLL	grlm	ShortRunEmphasis	0.982156863
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	5966.208677
wavelet-LLL	grlm	RunPercentage	0.976467611
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.007039437
wavelet-LLL	grlm	RunEntropy	6.952817274
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	5725.991164
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.953913972
wavelet-LLL	glszm	GrayLevelVariance	1964.435556
wavelet-LLL	glszm	ZoneVariance	0.756720988
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.009264198
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.631061728
wavelet-LLL	glszm	SizeZoneNonUniformity	283.9777778
wavelet-LLL	glszm	GrayLevelNonUniformity	4.168888889
wavelet-LLL	glszm	LargeAreaEmphasis	2.582222222
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	5670.291783
wavelet-LLL	glszm	ZonePercentage	0.740131579
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021377098
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	11202.54444
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	6408.88
wavelet-LLL	glszm	SmallAreaEmphasis	0.82229933
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004481989
wavelet-LLL	glszm	ZoneEntropy	7.541003547
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002104282
wavelet-LLL	ngtdm	Coarseness	0.017822607
wavelet-LLL	ngtdm	Complexity	90236.62802
wavelet-LLL	ngtdm	Strength	220.3275031
wavelet-LLL	ngtdm	Contrast	1.726039011
wavelet-LLL	ngtdm	Busyness	0.008266604
wavelet-HHL	gldm	GrayLevelVariance	14.76384771
wavelet-HHL	gldm	HighGrayLevelEmphasis	226.4950658
wavelet-HHL	gldm	DependenceEntropy	5.976416075
wavelet-HHL	gldm	DependenceNonUniformity	123.3190789
wavelet-HHL	gldm	GrayLevelNonUniformity	52.02960526

wavelet-HHL	gldm	SmallDependenceEmphasis	0.381292518
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	95.48261549
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.202827432
wavelet-HHL	gldm	LargeDependenceEmphasis	10.45394737
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.05784671
wavelet-HHL	gldm	DependenceVariance	2.909528653
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2167.485197
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004514679
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.008011094
wavelet-HHL	glcm	JointAverage	14.57102125
wavelet-HHL	glcm	SumAverage	29.14204249
wavelet-HHL	glcm	JointEntropy	7.312198324
wavelet-HHL	glcm	ClusterShade	43.06281636
wavelet-HHL	glcm	MaximumProbability	0.025413247
wavelet-HHL	glcm	Idmn	0.974133574
wavelet-HHL	glcm	JointEnergy	0.009022156
wavelet-HHL	glcm	Contrast	30.24952297
wavelet-HHL	glcm	DifferenceEntropy	3.464939038
wavelet-HHL	glcm	InverseVariance	0.249280904
wavelet-HHL	glcm	DifferenceVariance	13.80140027
wavelet-HHL	glcm	Idn	0.896903593
wavelet-HHL	glcm	Idm	0.239224028
wavelet-HHL	glcm	Correlation	-0.014957856
wavelet-HHL	glcm	Autocorrelation	212.057914
wavelet-HHL	glcm	SumEntropy	4.331787349
wavelet-HHL	glcm	SumSquares	14.86700621
wavelet-HHL	glcm	ClusterProminence	4622.738147
wavelet-HHL	glcm	Imc2	0.778842589
wavelet-HHL	glcm	Imc1	-0.120827023
wavelet-HHL	glcm	DifferenceAverage	4.012896153
wavelet-HHL	glcm	Id	0.328744512
wavelet-HHL	glcm	ClusterTendency	29.21850185
wavelet-HHL	firstorder	InterquartileRange	102.838627
wavelet-HHL	firstorder	Skewness	0.36184902
wavelet-HHL	firstorder	Uniformity	0.085575009
wavelet-HHL	firstorder	Median	-1.355319843
wavelet-HHL	firstorder	Energy	5529719.811
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	43.61013353
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.84387887
wavelet-HHL	firstorder	TotalEnergy	149302434.9
wavelet-HHL	firstorder	Maximum	437.1823779
wavelet-HHL	firstorder	RootMeanSquared	95.36736287
wavelet-HHL	firstorder	90Percentile	107.440596
wavelet-HHL	firstorder	Minimum	-332.4393195
wavelet-HHL	firstorder	Entropy	3.898787849
wavelet-HHL	firstorder	Range	769.6216974
wavelet-HHL	firstorder	Variance	9094.062987
wavelet-HHL	firstorder	10Percentile	-113.6059845
wavelet-HHL	firstorder	Kurtosis	5.072196601
wavelet-HHL	firstorder	Mean	0.933227661
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007931787
wavelet-HHL	glrlm	GrayLevelVariance	15.48773927
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008201984

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.082540778
wavelet-HHL	grlm	RunVariance	0.080441127
wavelet-HHL	grlm	GrayLevelNonUniformity	46.81627095
wavelet-HHL	grlm	LongRunEmphasis	1.230454351
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	217.3388461
wavelet-HHL	grlm	RunLengthNonUniformity	497.3541576
wavelet-HHL	grlm	ShortRunEmphasis	0.94976255
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	275.6939082
wavelet-HHL	grlm	RunPercentage	0.932818826
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.009438044
wavelet-HHL	grlm	RunEntropy	4.272429308
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	227.820818
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.876577356
wavelet-HHL	glszm	GrayLevelVariance	26.44774953
wavelet-HHL	glszm	ZoneVariance	28.23718527
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.057508563
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.482302746
wavelet-HHL	glszm	SizeZoneNonUniformity	124.4341085
wavelet-HHL	glszm	GrayLevelNonUniformity	14.8372093
wavelet-HHL	glszm	LargeAreaEmphasis	33.79069767
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	186.8494566
wavelet-HHL	glszm	ZonePercentage	0.424342105
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.18160412
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	6819.189922
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	247.5116279
wavelet-HHL	glszm	SmallAreaEmphasis	0.721620377
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.011431217
wavelet-HHL	glszm	ZoneEntropy	5.645918805
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009601516
wavelet-HHL	ngtdm	Coarseness	0.011041168
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wavelet-HHL	ngtdm	Strength	2.982155161
wavelet-HHL	ngtdm	Contrast	0.105928135
wavelet-HHL	ngtdm	Busyness	0.173296316
wavelet-HLH	gldm	GrayLevelVariance	54.65687489
wavelet-HLH	gldm	HighGrayLevelEmphasis	761.5345395
wavelet-HLH	gldm	DependenceEntropy	6.361532659
wavelet-HLH	gldm	DependenceNonUniformity	185.8092105
wavelet-HLH	gldm	GrayLevelNonUniformity	28.75328947
wavelet-HLH	gldm	SmallDependenceEmphasis	0.506606817
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	412.2237098
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.305607254
wavelet-HLH	gldm	LargeDependenceEmphasis	5.394736842
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.010788281
wavelet-HLH	gldm	DependenceVariance	1.288781163
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3783.488487
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002934642
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.003748957
wavelet-HLH	glcm	JointAverage	26.66243736
wavelet-HLH	glcm	SumAverage	53.32487472
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wavelet-HLH	glcm	ClusterShade	509.8011291
wavelet-HLH	glcm	MaximumProbability	0.012985947

wavelet-HLH	glcm	Idmn	0.965222698
wavelet-HLH	glcm	JointEnergy	0.003446743
wavelet-HLH	glcm	Contrast	120.3028361
wavelet-HLH	glcm	DifferenceEntropy	4.335167338
wavelet-HLH	glcm	InverseVariance	0.152872072
wavelet-HLH	glcm	DifferenceVariance	55.16681476
wavelet-HLH	glcm	Idn	0.884710889
wavelet-HLH	glcm	Idm	0.147001164
wavelet-HLH	glcm	Correlation	-0.011975672
wavelet-HLH	glcm	Autocorrelation	710.4139994
wavelet-HLH	glcm	SumEntropy	5.239382962
wavelet-HLH	glcm	SumSquares	59.67489202
wavelet-HLH	glcm	ClusterProminence	71169.09263
wavelet-HLH	glcm	Imc2	0.946365162
wavelet-HLH	glcm	Imc1	-0.235006565
wavelet-HLH	glcm	DifferenceAverage	7.836244046
wavelet-HLH	glcm	Id	0.232713091
wavelet-HLH	glcm	ClusterTendency	118.3967319
wavelet-HLH	firstorder	InterquartileRange	189.7847397
wavelet-HLH	firstorder	Skewness	0.426946729
wavelet-HLH	firstorder	Uniformity	0.047291595
wavelet-HLH	firstorder	Median	-8.121210092
wavelet-HLH	firstorder	Energy	20694149.97
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	80.7771296
wavelet-HLH	firstorder	MeanAbsoluteDeviation	133.593092
wavelet-HLH	firstorder	TotalEnergy	558742049.2
wavelet-HLH	firstorder	Maximum	678.4228089
wavelet-HLH	firstorder	RootMeanSquared	184.4896498
wavelet-HLH	firstorder	90Percentile	247.0800687
wavelet-HLH	firstorder	Minimum	-640.5886515
wavelet-HLH	firstorder	Entropy	4.78382742
wavelet-HLH	firstorder	Range	1319.01146
wavelet-HLH	firstorder	Variance	34031.79105
wavelet-HLH	firstorder	10Percentile	-199.1366987
wavelet-HLH	firstorder	Kurtosis	4.51258943
wavelet-HLH	firstorder	Mean	2.154024401
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.003790044
wavelet-HLH	grlm	GrayLevelVariance	56.13653384
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.00383726
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.046223278
wavelet-HLH	grlm	RunVariance	0.047982032
wavelet-HLH	grlm	GrayLevelNonUniformity	26.99994757
wavelet-HLH	grlm	LongRunEmphasis	1.133035505
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	743.9140184
wavelet-HLH	grlm	RunLengthNonUniformity	541.4253868
wavelet-HLH	grlm	ShortRunEmphasis	0.970860991
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	856.3897078
wavelet-HLH	grlm	RunPercentage	0.960526316
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.004052547
wavelet-HLH	grlm	RunEntropy	5.005491735
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	764.2739792
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.926536198
wavelet-HLH	glszm	GrayLevelVariance	77.28906713



wavelet-HLH	glszm	ZoneVariance	3.367092163
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.035688649
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.502013046
wavelet-HLH	glszm	SizeZoneNonUniformity	179.7206704
wavelet-HLH	glszm	GrayLevelNonUniformity	12.77653631
wavelet-HLH	glszm	LargeAreaEmphasis	6.251396648
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	609.9603288
wavelet-HLH	glszm	ZonePercentage	0.588815789
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.013405982
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	4449.634078
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	801.7709497
wavelet-HLH	glszm	SmallAreaEmphasis	0.734935213
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.005226345
wavelet-HLH	glszm	ZoneEntropy	6.197901276
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004775853
wavelet-HLH	ngtdm	Coarseness	0.011220291
wavelet-HLH	ngtdm	Complexity	4996.127104
wavelet-HLH	ngtdm	Strength	7.659511908
wavelet-HLH	ngtdm	Contrast	0.267216594
wavelet-HLH	ngtdm	Busyness	0.061184203

Image type	Feature Class	Feature Name	
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general	info	ImageHash	b21
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general	info	MaskHash	183f23771a4e74b763ffc425d4069d0bd9bfd
general	info	NumpyVersion	b50
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	35.62302626
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original	shape	MinorAxis	0.758097294
original	shape	Elongation	17.0924606
original	shape	SurfaceVolumeRatio	0.454403868
original	shape	Volume	0.361803344
original	shape	MajorAxis	5481
original	shape	SurfaceArea	37.61513003
original	shape	Flatness	1983.044131
original	shape	LeastAxis	0.367265136
original	shape	Maximum2DDiameterColumn	13.81472585
original	shape	Maximum2DDiameterRow	23.43074903
original	gldm	GrayLevelVariance	33.54101966
original	gldm	HighGrayLevelEmphasis	108.4491252
original	gldm	DependenceEntropy	1147.955665
original	gldm	DependenceNonUniformity	5.776042849
original	gldm	GrayLevelNonUniformity	42.32019704
original	gldm	SmallDependenceEmphasis	23.73891626
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.460435025
original	gldm	DependenceNonUniformityNormalized	374.0892425
original	gldm	LargeDependenceEmphasis	0.208473877
original	gldm	LargeDependenceLowGrayLevelEmphasis	26.22167488
original	gldm	DependenceVariance	0.032592454
original	gldm	LargeDependenceHighGrayLevelEmphasis	11.72171128
original	gldm	SmallDependenceLowGrayLevelEmphasis	37894.18227
original	gldm		0.014744548

original	gldm	LowGrayLevelEmphasis	0.01515095
original	glcm	JointAverage	33.84390512
original	glcm	SumAverage	67.68781025
original	glcm	JointEntropy	6.084917322
original	glcm	ClusterShade	-4760.885962
original	glcm	MaximumProbability	0.111872445
original	glcm	Idmn	0.942269811
original	glcm	JointEnergy	0.032824975
original	glcm	Contrast	135.4620997
original	glcm	DifferenceEntropy	3.829502341
original	glcm	InverseVariance	0.289989624
original	glcm	DifferenceVariance	86.69475301
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original	glcm	Idm	0.323604223
original	glcm	Correlation	0.183717708
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original	glcm	SumSquares	82.69720848
original	glcm	ClusterProminence	217204.8676
original	glcm	Imc2	0.95672869
original	glcm	Imc1	-0.338513145
original	glcm	DifferenceAverage	6.90948356
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original	glcm	ClusterTendency	195.3267342
original	firstorder	InterquartileRange	178.5
original	firstorder	Skewness	-1.664302051
original	firstorder	Uniformity	0.116940474
original	firstorder	Median	27
original	firstorder	Energy	16107043
original	firstorder	RobustMeanAbsoluteDeviation	113.7109679
original	firstorder	MeanAbsoluteDeviation	198.8669465
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original	firstorder	Maximum	120
original	firstorder	RootMeanSquared	281.6825153
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original	firstorder	Minimum	-894
original	firstorder	Entropy	4.023371256
original	firstorder	Range	1014
original	firstorder	Variance	67796.73139
original	firstorder	10Percentile	-557
original	firstorder	Kurtosis	4.557006615
original	firstorder	Mean	-107.4630542
original	glrlm	ShortRunLowGrayLevelEmphasis	0.016862244
original	glrlm	GrayLevelVariance	116.5826553
original	glrlm	LowGrayLevelRunEmphasis	0.016917404
original	glrlm	GrayLevelNonUniformityNormalized	0.094017983
original	glrlm	RunVariance	0.162062353
original	glrlm	GrayLevelNonUniformity	17.05882906
original	glrlm	LongRunEmphasis	1.422817817
original	glrlm	ShortRunHighGrayLevelEmphasis	996.1536083
original	glrlm	RunLengthNonUniformity	147.9588588
original	glrlm	ShortRunEmphasis	0.921637137
original	glrlm	LongRunHighGrayLevelEmphasis	1725.644187

original	glrlm	RunPercentage	0.892004547
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original	glrlm	HighGrayLevelRunEmphasis	1110.300584
original	glrlm	RunLengthNonUniformityNormalized	0.816032361
original	glszm	GrayLevelVariance	144.7628866
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original	glszm	GrayLevelNonUniformityNormalized	0.040280582
original	glszm	SizeZoneNonUniformityNormalized	0.755978319
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original	glszm	GrayLevelNonUniformity	3.907216495
original	glszm	LargeAreaEmphasis	43.24742268
original	glszm	SmallAreaHighGrayLevelEmphasis	677.4668485
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.059845431
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original	glszm	HighGrayLevelZoneEmphasis	820.7628866
original	glszm	SmallAreaEmphasis	0.88717806
original	glszm	LowGrayLevelZoneEmphasis	0.030909991
original	glszm	ZoneEntropy	5.289266616
original	glszm	SmallAreaLowGrayLevelEmphasis	0.030791406
original	ngtdm	Coarseness	0.013034471
original	ngtdm	Complexity	4350.29975
original	ngtdm	Strength	23.48034391
original	ngtdm	Contrast	0.93194454
original	ngtdm	Busyness	0.0408758
wavelet-HHH	gldm	GrayLevelVariance	21.47797811
wavelet-HHH	gldm	HighGrayLevelEmphasis	235.0985222
wavelet-HHH	gldm	DependenceEntropy	5.692203514
wavelet-HHH	gldm	DependenceNonUniformity	55.97536946
wavelet-HHH	gldm	GrayLevelNonUniformity	13.75862069
wavelet-HHH	gldm	SmallDependenceEmphasis	0.426256158
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	102.0708005
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.275740736
wavelet-HHH	gldm	LargeDependenceEmphasis	6.083743842
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040979097
wavelet-HHH	gldm	DependenceVariance	1.235070009
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1385.827586
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wavelet-HHH	gldm	LowGrayLevelEmphasis	0.012547605
wavelet-HHH	glcm	JointAverage	14.52393611
wavelet-HHH	glcm	SumAverage	29.04787222
wavelet-HHH	glcm	JointEntropy	7.120827756
wavelet-HHH	glcm	ClusterShade	-16.88157041
wavelet-HHH	glcm	MaximumProbability	0.021373818
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wavelet-HHH	glcm	JointEnergy	0.008404257
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wavelet-HHH	glcm	DifferenceEntropy	3.672823625
wavelet-HHH	glcm	InverseVariance	0.178271953
wavelet-HHH	glcm	DifferenceVariance	15.3364379
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wavelet-HHH	glcm	Correlation	-0.033815091
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wavelet-HHH	glcm	ClusterProminence	4622.605378
wavelet-HHH	glcm	Imc2	0.936473458
wavelet-HHH	glcm	Imc1	-0.260185673
wavelet-HHH	glcm	DifferenceAverage	5.076589618
wavelet-HHH	glcm	Id	0.275736672
wavelet-HHH	glcm	ClusterTendency	38.56320421
wavelet-HHH	firstorder	InterquartileRange	147.1629708
wavelet-HHH	firstorder	Skewness	-0.091772603
wavelet-HHH	firstorder	Uniformity	0.067776457
wavelet-HHH	firstorder	Median	7.394933042
wavelet-HHH	firstorder	Energy	2757804.353
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	60.13011339
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wavelet-HHH	firstorder	TotalEnergy	74460717.54
wavelet-HHH	firstorder	Maximum	307.9237576
wavelet-HHH	firstorder	RootMeanSquared	116.5557511
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wavelet-HHH	firstorder	Minimum	-348.4995044
wavelet-HHH	firstorder	Entropy	4.144973002
wavelet-HHH	firstorder	Range	656.423262
wavelet-HHH	firstorder	Variance	13574.98642
wavelet-HHH	firstorder	10Percentile	-144.0519038
wavelet-HHH	firstorder	Kurtosis	3.163823574
wavelet-HHH	firstorder	Mean	3.202609023
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.012673163
wavelet-HHH	glrlm	GrayLevelVariance	22.00382886
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.012877295
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.066615398
wavelet-HHH	glrlm	RunVariance	0.050078862
wavelet-HHH	glrlm	GrayLevelNonUniformity	12.89762057
wavelet-HHH	glrlm	LongRunEmphasis	1.150199438
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	227.3433533
wavelet-HHH	glrlm	RunLengthNonUniformity	176.5210131
wavelet-HHH	glrlm	ShortRunEmphasis	0.964671799
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	269.6453852
wavelet-HHH	glrlm	RunPercentage	0.953770368
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.013746303
wavelet-HHH	glrlm	RunEntropy	4.369849924
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	235.4306237
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.911259406
wavelet-HHH	glszm	GrayLevelVariance	31.8084
wavelet-HHH	glszm	ZoneVariance	4.8291
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.0518
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.4288
wavelet-HHH	glszm	SizeZoneNonUniformity	42.88
wavelet-HHH	glszm	GrayLevelNonUniformity	5.18
wavelet-HHH	glszm	LargeAreaEmphasis	8.95
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	164.2918922
wavelet-HHH	glszm	ZonePercentage	0.492610837

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.060828955
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2043.69
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	240.9
wavelet-HHH	glszm	SmallAreaEmphasis	0.679351254
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.0194227
wavelet-HHH	glszm	ZoneEntropy	5.550273725
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.017211285
wavelet-HHH	ngtdm	Coarseness	0.028689873
wavelet-HHH	ngtdm	Complexity	886.6734048
wavelet-HHH	ngtdm	Strength	4.960165229
wavelet-HHH	ngtdm	Contrast	0.272082723
wavelet-HHH	ngtdm	Busyness	0.098822171
wavelet-HLL	gldm	GrayLevelVariance	108.2377151
wavelet-HLL	gldm	HighGrayLevelEmphasis	628.8866995
wavelet-HLL	gldm	DependenceEntropy	6.066731179
wavelet-HLL	gldm	DependenceNonUniformity	73.86699507
wavelet-HLL	gldm	GrayLevelNonUniformity	8.093596059
wavelet-HLL	gldm	SmallDependenceEmphasis	0.601736369
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	401.5137095
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.363876823
wavelet-HLL	gldm	LargeDependenceEmphasis	4.901477833
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019797871
wavelet-HLL	gldm	DependenceVariance	1.452498241
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2599.960591
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008310772
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009472646
wavelet-HLL	glcm	JointAverage	21.69300268
wavelet-HLL	glcm	SumAverage	43.38600537
wavelet-HLL	glcm	JointEntropy	7.593978337
wavelet-HLL	glcm	ClusterShade	3693.947961
wavelet-HLL	glcm	MaximumProbability	0.018407112
wavelet-HLL	glcm	Idmn	0.962758709
wavelet-HLL	glcm	JointEnergy	0.005798035
wavelet-HLL	glcm	Contrast	151.6858453
wavelet-HLL	glcm	DifferenceEntropy	4.373260043
wavelet-HLL	glcm	InverseVariance	0.125115737
wavelet-HLL	glcm	DifferenceVariance	65.04289838
wavelet-HLL	glcm	Idn	0.878267584
wavelet-HLL	glcm	Idm	0.127405565
wavelet-HLL	glcm	Correlation	0.145126865
wavelet-HLL	glcm	Autocorrelation	486.0352397
wavelet-HLL	glcm	SumEntropy	5.276649034
wavelet-HLL	glcm	SumSquares	91.17641973
wavelet-HLL	glcm	ClusterProminence	257156.1667
wavelet-HLL	glcm	Imc2	0.992938735
wavelet-HLL	glcm	Imc1	-0.440288489
wavelet-HLL	glcm	DifferenceAverage	9.058560554
wavelet-HLL	glcm	Id	0.210359564
wavelet-HLL	glcm	ClusterTendency	213.0198336
wavelet-HLL	firstorder	InterquartileRange	231.2063472
wavelet-HLL	firstorder	Skewness	1.120187541
wavelet-HLL	firstorder	Uniformity	0.039869931
wavelet-HLL	firstorder	Median	-115.7540322

wavelet-HLL	firstorder	Energy	14650567.67
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	115.6558781
wavelet-HLL	firstorder	MeanAbsoluteDeviation	191.6657859
wavelet-HLL	firstorder	TotalEnergy	395565327.2
wavelet-HLL	firstorder	Maximum	846.965631
wavelet-HLL	firstorder	RootMeanSquared	268.6452756
wavelet-HLL	firstorder	90Percentile	306.2767391
wavelet-HLL	firstorder	Minimum	-612.5796612
wavelet-HLL	firstorder	Entropy	4.981857333
wavelet-HLL	firstorder	Range	1459.545292
wavelet-HLL	firstorder	Variance	67791.61367
wavelet-HLL	firstorder	10Percentile	-339.062416
wavelet-HLL	firstorder	Kurtosis	4.583717431
wavelet-HLL	firstorder	Mean	-66.17152283
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009634854
wavelet-HLL	glrlm	GrayLevelVariance	110.0305526
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009704512
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.038966433
wavelet-HLL	glrlm	RunVariance	0.035320218
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.648896474
wavelet-HLL	glrlm	LongRunEmphasis	1.105908775
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	618.9291603
wavelet-HLL	glrlm	RunLengthNonUniformity	183.9077114
wavelet-HLL	glrlm	ShortRunEmphasis	0.974882879
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	688.7453627
wavelet-HLL	glrlm	RunPercentage	0.967032967
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.009993718
wavelet-HLL	glrlm	RunEntropy	5.129637352
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	632.2323907
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.936200338
wavelet-HLL	glszm	GrayLevelVariance	125.7616047
wavelet-HLL	glszm	ZoneVariance	1.437565637
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033606385
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.593782819
wavelet-HLL	glszm	SizeZoneNonUniformity	81.94202899
wavelet-HLL	glszm	GrayLevelNonUniformity	4.637681159
wavelet-HLL	glszm	LargeAreaEmphasis	3.601449275
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	539.291245
wavelet-HLL	glszm	ZonePercentage	0.679802956
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019735704
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1968.028986
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	663.4637681
wavelet-HLL	glszm	SmallAreaEmphasis	0.798697166
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012574746
wavelet-HLL	glszm	ZoneEntropy	5.81046153
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011959304
wavelet-HLL	ngtdm	Coarseness	0.026550446
wavelet-HLL	ngtdm	Complexity	5888.767503
wavelet-HLL	ngtdm	Strength	24.00070735
wavelet-HLL	ngtdm	Contrast	0.73613917
wavelet-HLL	ngtdm	Busyness	0.042735103
wavelet-LHL	gldm	GrayLevelVariance	112.6253974
wavelet-LHL	gldm	HighGrayLevelEmphasis	1960.35468

wavelet-LHL	gldm	DependenceEntropy	6.267002223
wavelet-LHL	gldm	DependenceNonUniformity	72.14285714
wavelet-LHL	gldm	GrayLevelNonUniformity	7.600985222
wavelet-LHL	gldm	SmallDependenceEmphasis	0.586997001
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1151.599321
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.355383533
wavelet-LHL	gldm	LargeDependenceEmphasis	5.019704433
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007755936
wavelet-LHL	gldm	DependenceVariance	1.497148681
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	9981.270936
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005375581
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005612974
wavelet-LHL	glcm	JointAverage	42.93244267
wavelet-LHL	glcm	SumAverage	85.86488535
wavelet-LHL	glcm	JointEntropy	7.590446935
wavelet-LHL	glcm	ClusterShade	-275.0773274
wavelet-LHL	glcm	MaximumProbability	0.019871208
wavelet-LHL	glcm	Idmn	0.972580896
wavelet-LHL	glcm	JointEnergy	0.005969337
wavelet-LHL	glcm	Contrast	153.8121461
wavelet-LHL	glcm	DifferenceEntropy	4.386449198
wavelet-LHL	glcm	InverseVariance	0.143532702
wavelet-LHL	glcm	DifferenceVariance	72.91084101
wavelet-LHL	glcm	Idn	0.897372687
wavelet-LHL	glcm	Idm	0.139651508
wavelet-LHL	glcm	Correlation	0.219531099
wavelet-LHL	glcm	Autocorrelation	1864.662731
wavelet-LHL	glcm	SumEntropy	5.367686237
wavelet-LHL	glcm	SumSquares	98.27151683
wavelet-LHL	glcm	ClusterProminence	242370.6956
wavelet-LHL	glcm	Imc2	0.996009354
wavelet-LHL	glcm	Imc1	-0.486266512
wavelet-LHL	glcm	DifferenceAverage	8.829093089
wavelet-LHL	glcm	Id	0.222325122
wavelet-LHL	glcm	ClusterTendency	239.2739213
wavelet-LHL	firstorder	InterquartileRange	252.5628496
wavelet-LHL	firstorder	Skewness	-0.375120918
wavelet-LHL	firstorder	Uniformity	0.037443277
wavelet-LHL	firstorder	Median	-46.58134408
wavelet-LHL	firstorder	Energy	15102033.13
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	112.4833334
wavelet-LHL	firstorder	MeanAbsoluteDeviation	191.9009575
wavelet-LHL	firstorder	TotalEnergy	407754894.6
wavelet-LHL	firstorder	Maximum	617.6100272
wavelet-LHL	firstorder	RootMeanSquared	272.7530969
wavelet-LHL	firstorder	90Percentile	266.608968
wavelet-LHL	firstorder	Minimum	-1115.960041
wavelet-LHL	firstorder	Entropy	5.141198505
wavelet-LHL	firstorder	Range	1733.570069
wavelet-LHL	firstorder	Variance	70539.05148
wavelet-LHL	firstorder	10Percentile	-399.7606302
wavelet-LHL	firstorder	Kurtosis	4.289771745
wavelet-LHL	firstorder	Mean	-62.09026014



wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005777148
wavelet-LHL	glrlm	GrayLevelVariance	115.3493882
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005790725
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.036250134
wavelet-LHL	glrlm	RunVariance	0.038439461
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.111800079
wavelet-LHL	glrlm	LongRunEmphasis	1.110142917
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1910.601956
wavelet-LHL	glrlm	RunLengthNonUniformity	183.8340704
wavelet-LHL	glrlm	ShortRunEmphasis	0.975119448
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2176.565122
wavelet-LHL	glrlm	RunPercentage	0.966275104
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005852017
wavelet-LHL	glrlm	RunEntropy	5.295039354
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1959.902768
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.93684904
wavelet-LHL	glszm	GrayLevelVariance	148.2731121
wavelet-LHL	glszm	ZoneVariance	1.891568278
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028068612
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.58465137
wavelet-LHL	glszm	SizeZoneNonUniformity	78.34328358
wavelet-LHL	glszm	GrayLevelNonUniformity	3.76119403
wavelet-LHL	glszm	LargeAreaEmphasis	4.186567164
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1556.921386
wavelet-LHL	glszm	ZonePercentage	0.660098522
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.009920668
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	8279
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1961.507463
wavelet-LHL	glszm	SmallAreaEmphasis	0.792827015
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008210961
wavelet-LHL	glszm	ZoneEntropy	5.999909926
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008086817
wavelet-LHL	ngtdm	Coarseness	0.033714642
wavelet-LHL	ngtdm	Complexity	6593.224238
wavelet-LHL	ngtdm	Strength	30.1732777
wavelet-LHL	ngtdm	Contrast	0.569720441
wavelet-LHL	ngtdm	Busyness	0.01335404
wavelet-LHH	gldm	GrayLevelVariance	32.39127375
wavelet-LHH	gldm	HighGrayLevelEmphasis	220.4729064
wavelet-LHH	gldm	DependenceEntropy	5.912621757
wavelet-LHH	gldm	DependenceNonUniformity	53.34482759
wavelet-LHH	gldm	GrayLevelNonUniformity	12.20197044
wavelet-LHH	gldm	SmallDependenceEmphasis	0.47015626
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	120.9022385
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.262782402
wavelet-LHH	gldm	LargeDependenceEmphasis	7.482758621
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.071133035
wavelet-LHH	gldm	DependenceVariance	2.235725206
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1390.019704
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015731109
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.021276677
wavelet-LHH	glcm	JointAverage	13.64163293
wavelet-LHH	glcm	SumAverage	27.28326585

wavelet-LHH	glcm	JointEntropy	7.219797245
wavelet-LHH	glcm	ClusterShade	153.974839
wavelet-LHH	glcm	MaximumProbability	0.02651236
wavelet-LHH	glcm	Idmn	0.944669975
wavelet-LHH	glcm	JointEnergy	0.00815956
wavelet-LHH	glcm	Contrast	65.17184194
wavelet-LHH	glcm	DifferenceEntropy	3.950364066
wavelet-LHH	glcm	InverseVariance	0.17406947
wavelet-LHH	glcm	DifferenceVariance	27.64389799
wavelet-LHH	glcm	Idn	0.851595133
wavelet-LHH	glcm	Idm	0.182409173
wavelet-LHH	glcm	Correlation	-0.017338952
wavelet-LHH	glcm	Autocorrelation	185.5211962
wavelet-LHH	glcm	SumEntropy	4.711672104
wavelet-LHH	glcm	SumSquares	31.99319616
wavelet-LHH	glcm	ClusterProminence	14468.2577
wavelet-LHH	glcm	Imc2	0.966769661
wavelet-LHH	glcm	Imc1	-0.320173015
wavelet-LHH	glcm	DifferenceAverage	6.067074635
wavelet-LHH	glcm	Id	0.269189134
wavelet-LHH	glcm	ClusterTendency	62.80094271
wavelet-LHH	firstorder	InterquartileRange	151.8620317
wavelet-LHH	firstorder	Skewness	0.518137665
wavelet-LHH	firstorder	Uniformity	0.060108229
wavelet-LHH	firstorder	Median	-7.876812257
wavelet-LHH	firstorder	Energy	4076168.167
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	67.08655966
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.9385111
wavelet-LHH	firstorder	TotalEnergy	110056540.5
wavelet-LHH	firstorder	Maximum	434.1868685
wavelet-LHH	firstorder	RootMeanSquared	141.7026681
wavelet-LHH	firstorder	90Percentile	180.4305503
wavelet-LHH	firstorder	Minimum	-306.4643618
wavelet-LHH	firstorder	Entropy	4.348917598
wavelet-LHH	firstorder	Range	740.6512303
wavelet-LHH	firstorder	Variance	20050.52596
wavelet-LHH	firstorder	10Percentile	-158.7369753
wavelet-LHH	firstorder	Kurtosis	3.654362852
wavelet-LHH	firstorder	Mean	5.396312056
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.021612919
wavelet-LHH	glrlm	GrayLevelVariance	33.45739242
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.021939523
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.058160937
wavelet-LHH	glrlm	RunVariance	0.058280732
wavelet-LHH	glrlm	GrayLevelNonUniformity	11.22329313
wavelet-LHH	glrlm	LongRunEmphasis	1.166322518
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	215.6092286
wavelet-LHH	glrlm	RunLengthNonUniformity	175.2449194
wavelet-LHH	glrlm	ShortRunEmphasis	0.963110321
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	253.2118438
wavelet-LHH	glrlm	RunPercentage	0.950359985
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.023352148
wavelet-LHH	glrlm	RunEntropy	4.584228161

wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	222.3617606
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.907922258
wavelet-LHH	glszm	GrayLevelVariance	47.37131344
wavelet-LHH	glszm	ZoneVariance	6.920696159
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.047496571
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.513203018
wavelet-LHH	glszm	SizeZoneNonUniformity	55.42592593
wavelet-LHH	glszm	GrayLevelNonUniformity	5.12962963
wavelet-LHH	glszm	LargeAreaEmphasis	10.4537037
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	200.4915349
wavelet-LHH	glszm	ZonePercentage	0.532019704
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.099174416
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1909.259259
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	249.3796296
wavelet-LHH	glszm	SmallAreaEmphasis	0.744012632
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.031553976
wavelet-LHH	glszm	ZoneEntropy	5.510409465
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02793757
wavelet-LHH	ngtdm	Coarseness	0.028415748
wavelet-LHH	ngtdm	Complexity	1437.151298
wavelet-LHH	ngtdm	Strength	6.890601521
wavelet-LHH	ngtdm	Contrast	0.358593281
wavelet-LHH	ngtdm	Busyness	0.09243732
wavelet-LLH	gldm	GrayLevelVariance	200.3604552
wavelet-LLH	gldm	HighGrayLevelEmphasis	1239.866995
wavelet-LLH	gldm	DependenceEntropy	6.388500373
wavelet-LLH	gldm	DependenceNonUniformity	79.01970443
wavelet-LLH	gldm	GrayLevelNonUniformity	6.18226601
wavelet-LLH	gldm	SmallDependenceEmphasis	0.63858986
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	800.6876631
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.389259628
wavelet-LLH	gldm	LargeDependenceEmphasis	4.458128079
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.0176142
wavelet-LLH	gldm	DependenceVariance	1.295687835
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5301.463054
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012952421
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.013489523
wavelet-LLH	glcm	JointAverage	30.74424071
wavelet-LLH	glcm	SumAverage	61.48848142
wavelet-LLH	glcm	JointEntropy	7.732396521
wavelet-LLH	glcm	ClusterShade	5204.139597
wavelet-LLH	glcm	MaximumProbability	0.016228576
wavelet-LLH	glcm	Idmn	0.956326935
wavelet-LLH	glcm	JointEnergy	0.005170391
wavelet-LLH	glcm	Contrast	343.8219067
wavelet-LLH	glcm	DifferenceEntropy	4.708778256
wavelet-LLH	glcm	InverseVariance	0.106431232
wavelet-LLH	glcm	DifferenceVariance	174.1226094
wavelet-LLH	glcm	Idn	0.877780153
wavelet-LLH	glcm	Idm	0.112534494
wavelet-LLH	glcm	Correlation	0.069292334
wavelet-LLH	glcm	Autocorrelation	962.8420279
wavelet-LLH	glcm	SumEntropy	5.610548941

wavelet-LLH	glcm	SumSquares	189.2617592
wavelet-LLH	glcm	ClusterProminence	796385.7438
wavelet-LLH	glcm	Imc2	0.998458608
wavelet-LLH	glcm	Imc1	-0.547936803
wavelet-LLH	glcm	DifferenceAverage	12.49692936
wavelet-LLH	glcm	Id	0.189536095
wavelet-LLH	glcm	ClusterTendency	413.2251301
wavelet-LLH	firstorder	InterquartileRange	337.3301808
wavelet-LLH	firstorder	Skewness	0.592791872
wavelet-LLH	firstorder	Uniformity	0.030454512
wavelet-LLH	firstorder	Median	-44.2237623
wavelet-LLH	firstorder	Energy	25688401.31
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	156.5604338
wavelet-LLH	firstorder	MeanAbsoluteDeviation	259.7802481
wavelet-LLH	firstorder	TotalEnergy	693586835.3
wavelet-LLH	firstorder	Maximum	1104.476211
wavelet-LLH	firstorder	RootMeanSquared	355.7300224
wavelet-LLH	firstorder	90Percentile	477.9499455
wavelet-LLH	firstorder	Minimum	-824.2437196
wavelet-LLH	firstorder	Entropy	5.420778468
wavelet-LLH	firstorder	Range	1928.719931
wavelet-LLH	firstorder	Variance	125507.7387
wavelet-LLH	firstorder	10Percentile	-443.6318158
wavelet-LLH	firstorder	Kurtosis	3.628458429
wavelet-LLH	firstorder	Mean	-32.18866407
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013839934
wavelet-LLH	glrlm	GrayLevelVariance	203.6159573
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.013869529
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.029591917
wavelet-LLH	glrlm	RunVariance	0.032227088
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.828833607
wavelet-LLH	glrlm	LongRunEmphasis	1.095837832
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1214.07218
wavelet-LLH	glrlm	RunLengthNonUniformity	185.693518
wavelet-LLH	glrlm	ShortRunEmphasis	0.977346567
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1355.526237
wavelet-LLH	glrlm	RunPercentage	0.970064418
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.01399281
wavelet-LLH	glrlm	RunEntropy	5.55181542
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1241.247744
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.942418254
wavelet-LLH	glszm	GrayLevelVariance	238.159674
wavelet-LLH	glszm	ZoneVariance	1.186294367
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.023726852
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.647280093
wavelet-LLH	glszm	SizeZoneNonUniformity	93.20833333
wavelet-LLH	glszm	GrayLevelNonUniformity	3.416666667
wavelet-LLH	glszm	LargeAreaEmphasis	3.173611111
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1046.506504
wavelet-LLH	glszm	ZonePercentage	0.709359606
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.021162142
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3721.118056
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1261.715278

wavelet-LLH	glszm	SmallAreaEmphasis	0.830214908
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01843447
wavelet-LLH	glszm	ZoneEntropy	6.167122029
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018145693
wavelet-LLH	ngtdm	Coarseness	0.029747608
wavelet-LLH	ngtdm	Complexity	13892.00094
wavelet-LLH	ngtdm	Strength	38.6829611
wavelet-LLH	ngtdm	Contrast	1.047283372
wavelet-LLH	ngtdm	Busyness	0.017999119
wavelet-LLL	gldm	GrayLevelVariance	640.074013
wavelet-LLL	gldm	HighGrayLevelEmphasis	7260.261084
wavelet-LLL	gldm	DependenceEntropy	6.538399188
wavelet-LLL	gldm	DependenceNonUniformity	106.4384236
wavelet-LLL	gldm	GrayLevelNonUniformity	4.280788177
wavelet-LLL	gldm	SmallDependenceEmphasis	0.752487301
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	4813.319869
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.52432721
wavelet-LLL	gldm	LargeDependenceEmphasis	3.709359606
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005640741
wavelet-LLL	gldm	DependenceVariance	1.270838894
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	35378.12315
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005338366
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005366442
wavelet-LLL	glcm	JointAverage	86.30591459
wavelet-LLL	glcm	SumAverage	172.6118292
wavelet-LLL	glcm	JointEntropy	7.843960234
wavelet-LLL	glcm	ClusterShade	-59038.55408
wavelet-LLL	glcm	MaximumProbability	0.014874711
wavelet-LLL	glcm	Idmn	0.95332229
wavelet-LLL	glcm	JointEnergy	0.004656526
wavelet-LLL	glcm	Contrast	706.1190604
wavelet-LLL	glcm	DifferenceEntropy	5.275267997
wavelet-LLL	glcm	InverseVariance	0.076535439
wavelet-LLL	glcm	DifferenceVariance	298.30454
wavelet-LLL	glcm	Idn	0.865116161
wavelet-LLL	glcm	Idm	0.079813159
wavelet-LLL	glcm	Correlation	0.333150753
wavelet-LLL	glcm	Autocorrelation	7618.29564
wavelet-LLL	glcm	SumEntropy	6.036959726
wavelet-LLL	glcm	SumSquares	522.476137
wavelet-LLL	glcm	ClusterProminence	7567938.569
wavelet-LLL	glcm	Imc2	0.999593831
wavelet-LLL	glcm	Imc1	-0.625520335
wavelet-LLL	glcm	DifferenceAverage	19.72449887
wavelet-LLL	glcm	Id	0.140944816
wavelet-LLL	glcm	ClusterTendency	1383.785488
wavelet-LLL	firstorder	InterquartileRange	885.4754843
wavelet-LLL	firstorder	Skewness	-1.045063282
wavelet-LLL	firstorder	Uniformity	0.021087626
wavelet-LLL	firstorder	Median	-194.3016581
wavelet-LLL	firstorder	Energy	110204292.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	361.8149571
wavelet-LLL	firstorder	MeanAbsoluteDeviation	512.5536363

wavelet-LLL	firstorder	TotalEnergy	2975515889
wavelet-LLL	firstorder	Maximum	409.4114122
wavelet-LLL	firstorder	RootMeanSquared	736.802746
wavelet-LLL	firstorder	90Percentile	244.9808798
wavelet-LLL	firstorder	Minimum	-2385.693364
wavelet-LLL	firstorder	Entropy	5.929803588
wavelet-LLL	firstorder	Range	2795.104776
wavelet-LLL	firstorder	Variance	399445.6313
wavelet-LLL	firstorder	10Percentile	-1275.480554
wavelet-LLL	firstorder	Kurtosis	3.453760272
wavelet-LLL	firstorder	Mean	-378.7250391
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005481929
wavelet-LLL	glrlm	GrayLevelVariance	643.225621
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00548362
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020340887
wavelet-LLL	glrlm	RunVariance	0.023926411
wavelet-LLL	glrlm	GrayLevelNonUniformity	4.040914985
wavelet-LLL	glrlm	LongRunEmphasis	1.069171312
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	7031.339356
wavelet-LLL	glrlm	RunLengthNonUniformity	190.5413516
wavelet-LLL	glrlm	ShortRunEmphasis	0.984013309
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	7900.655977
wavelet-LLL	glrlm	RunPercentage	0.978400909
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005490909
wavelet-LLL	glrlm	RunEntropy	6.019278851
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	7194.580205
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.958995164
wavelet-LLL	glszm	GrayLevelVariance	658.4139994
wavelet-LLL	glszm	ZoneVariance	1.028539857
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.0173754
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.776101204
wavelet-LLL	glszm	SizeZoneNonUniformity	125.7283951
wavelet-LLL	glszm	GrayLevelNonUniformity	2.814814815
wavelet-LLL	glszm	LargeAreaEmphasis	2.598765432
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	5615.594699
wavelet-LLL	glszm	ZonePercentage	0.798029557
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006858947
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	23168.40123
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	6557.981481
wavelet-LLL	glszm	SmallAreaEmphasis	0.900075021
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006696798
wavelet-LLL	glszm	ZoneEntropy	6.299704982
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006684395
wavelet-LLL	ngtdm	Coarseness	0.022077379
wavelet-LLL	ngtdm	Complexity	41392.20291
wavelet-LLL	ngtdm	Strength	96.700552
wavelet-LLL	ngtdm	Contrast	2.836062887
wavelet-LLL	ngtdm	Busyness	0.006742082
wavelet-HHL	gldm	GrayLevelVariance	36.28056978
wavelet-HHL	gldm	HighGrayLevelEmphasis	435.6896552
wavelet-HHL	gldm	DependenceEntropy	5.92951255
wavelet-HHL	gldm	DependenceNonUniformity	55.71921182
wavelet-HHL	gldm	GrayLevelNonUniformity	11.69950739

wavelet-HHL	gldm	SmallDependenceEmphasis	0.501370374
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	242.606413
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.274478876
wavelet-HHL	gldm	LargeDependenceEmphasis	6.625615764
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025869322
wavelet-HHL	gldm	DependenceVariance	1.820233444
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2442.133005
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006763364
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.00831308
wavelet-HHL	glcm	JointAverage	19.99996914
wavelet-HHL	glcm	SumAverage	39.99993829
wavelet-HHL	glcm	JointEntropy	7.273379822
wavelet-HHL	glcm	ClusterShade	275.420827
wavelet-HHL	glcm	MaximumProbability	0.025072726
wavelet-HHL	glcm	Idmn	0.961342278
wavelet-HHL	glcm	JointEnergy	0.007802364
wavelet-HHL	glcm	Contrast	71.57115285
wavelet-HHL	glcm	DifferenceEntropy	3.987558178
wavelet-HHL	glcm	InverseVariance	0.169079186
wavelet-HHL	glcm	DifferenceVariance	29.57190266
wavelet-HHL	glcm	Idn	0.873753655
wavelet-HHL	glcm	Idm	0.173827572
wavelet-HHL	glcm	Correlation	-0.019201846
wavelet-HHL	glcm	Autocorrelation	399.4247828
wavelet-HHL	glcm	SumEntropy	4.745912815
wavelet-HHL	glcm	SumSquares	35.15426147
wavelet-HHL	glcm	ClusterProminence	19050.40211
wavelet-HHL	glcm	Imc2	0.972216555
wavelet-HHL	glcm	Imc1	-0.33602987
wavelet-HHL	glcm	DifferenceAverage	6.369014432
wavelet-HHL	glcm	Id	0.260112033
wavelet-HHL	glcm	ClusterTendency	69.04589302
wavelet-HHL	firstorder	InterquartileRange	168.1359199
wavelet-HHL	firstorder	Skewness	0.356191645
wavelet-HHL	firstorder	Uniformity	0.057633041
wavelet-HHL	firstorder	Median	-5.990553638
wavelet-HHL	firstorder	Energy	4626160.754
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	75.79119382
wavelet-HHL	firstorder	MeanAbsoluteDeviation	115.8947624
wavelet-HHL	firstorder	TotalEnergy	124906340.4
wavelet-HHL	firstorder	Maximum	511.9276159
wavelet-HHL	firstorder	RootMeanSquared	150.9601578
wavelet-HHL	firstorder	90Percentile	205.0298374
wavelet-HHL	firstorder	Minimum	-450.7329522
wavelet-HHL	firstorder	Entropy	4.442443776
wavelet-HHL	firstorder	Range	962.660568
wavelet-HHL	firstorder	Variance	22623.28154
wavelet-HHL	firstorder	10Percentile	-154.1528108
wavelet-HHL	firstorder	Kurtosis	3.707131614
wavelet-HHL	firstorder	Mean	12.87197295
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008455949
wavelet-HHL	glrlm	GrayLevelVariance	37.31993645
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008563984

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.055857488
wavelet-HHL	glrlm	RunVariance	0.050546599
wavelet-HHL	glrlm	GrayLevelNonUniformity	10.81966751
wavelet-HHL	glrlm	LongRunEmphasis	1.149570539
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	426.1203014
wavelet-HHL	glrlm	RunLengthNonUniformity	176.8166027
wavelet-HHL	glrlm	ShortRunEmphasis	0.965293281
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	493.7872749
wavelet-HHL	glrlm	RunPercentage	0.954149299
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.009029482
wavelet-HHL	glrlm	RunEntropy	4.669486461
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	438.9558675
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.912590737
wavelet-HHL	glszm	GrayLevelVariance	50.66728224
wavelet-HHL	glszm	ZoneVariance	4.364188981
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.045552478
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.55355494
wavelet-HHL	glszm	SizeZoneNonUniformity	63.10526316
wavelet-HHL	glszm	GrayLevelNonUniformity	5.192982456
wavelet-HHL	glszm	LargeAreaEmphasis	7.535087719
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	383.28002
wavelet-HHL	glszm	ZonePercentage	0.561576355
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.03339894
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2696.008772
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	482.1403509
wavelet-HHL	glszm	SmallAreaEmphasis	0.770663293
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012360348
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011663487
wavelet-HHL	ngtdm	Coarseness	0.025615918
wavelet-HHL	ngtdm	Complexity	1849.543987
wavelet-HHL	ngtdm	Strength	8.33403655
wavelet-HHL	ngtdm	Contrast	0.381205271
wavelet-HHL	ngtdm	Busyness	0.067394292
wavelet-HLH	gldm	GrayLevelVariance	35.29403771
wavelet-HLH	gldm	HighGrayLevelEmphasis	588.3546798
wavelet-HLH	gldm	DependenceEntropy	5.768399406
wavelet-HLH	gldm	DependenceNonUniformity	59.30541872
wavelet-HLH	gldm	GrayLevelNonUniformity	11.26600985
wavelet-HLH	gldm	SmallDependenceEmphasis	0.507449371
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	285.0413643
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.29214492
wavelet-HLH	gldm	LargeDependenceEmphasis	5.600985222
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015677776
wavelet-HLH	gldm	DependenceVariance	1.34072654
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3414.660099
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006300436
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.007243448
wavelet-HLH	glcm	JointAverage	23.71345585
wavelet-HLH	glcm	SumAverage	47.4269117
wavelet-HLH	glcm	JointEntropy	7.331414945
wavelet-HLH	glcm	ClusterShade	25.22947516
wavelet-HLH	glcm	MaximumProbability	0.020206081



wavelet-HLH	glcm	Idmn	0.968307955
wavelet-HLH	glcm	JointEnergy	0.007220705
wavelet-HLH	glcm	Contrast	66.62653063
wavelet-HLH	glcm	DifferenceEntropy	3.927890751
wavelet-HLH	glcm	InverseVariance	0.16496952
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wavelet-HLH	glcm	Idn	0.88318683
wavelet-HLH	glcm	Idm	0.163637518
wavelet-HLH	glcm	Correlation	-0.016985326
wavelet-HLH	glcm	Autocorrelation	561.5864669
wavelet-HLH	glcm	SumEntropy	4.70849763
wavelet-HLH	glcm	SumSquares	32.53393308
wavelet-HLH	glcm	ClusterProminence	16862.89695
wavelet-HLH	glcm	Imc2	0.966918343
wavelet-HLH	glcm	Imc1	-0.316130344
wavelet-HLH	glcm	DifferenceAverage	6.191835139
wavelet-HLH	glcm	Id	0.253246969
wavelet-HLH	glcm	ClusterTendency	63.5092017
wavelet-HLH	firstorder	InterquartileRange	187.4467987
wavelet-HLH	firstorder	Skewness	0.003246555
wavelet-HLH	firstorder	Uniformity	0.055497585
wavelet-HLH	firstorder	Median	-0.362603677
wavelet-HLH	firstorder	Energy	4485399.358
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	74.51683753
wavelet-HLH	firstorder	MeanAbsoluteDeviation	112.3786119
wavelet-HLH	firstorder	TotalEnergy	121105782.7
wavelet-HLH	firstorder	Maximum	485.3928743
wavelet-HLH	firstorder	RootMeanSquared	148.6457646
wavelet-HLH	firstorder	90Percentile	178.4507062
wavelet-HLH	firstorder	Minimum	-570.8375222
wavelet-HLH	firstorder	Entropy	4.402078761
wavelet-HLH	firstorder	Range	1056.230396
wavelet-HLH	firstorder	Variance	22095.10899
wavelet-HLH	firstorder	10Percentile	-158.7658125
wavelet-HLH	firstorder	Kurtosis	4.534809854
wavelet-HLH	firstorder	Mean	0.674051383
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007419192
wavelet-HLH	glrlm	GrayLevelVariance	35.92017262
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.007476778
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.054788535
wavelet-HLH	glrlm	RunVariance	0.044796929
wavelet-HLH	glrlm	GrayLevelNonUniformity	10.66730292
wavelet-HLH	glrlm	LongRunEmphasis	1.1338194
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	567.5667565
wavelet-HLH	glrlm	RunLengthNonUniformity	179.6585291
wavelet-HLH	glrlm	ShortRunEmphasis	0.968785976
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	669.4514843
wavelet-HLH	glrlm	RunPercentage	0.959075407
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007724872
wavelet-HLH	glrlm	RunEntropy	4.594033515
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	587.0225963
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.921784363
wavelet-HLH	glszm	GrayLevelVariance	44.61129704

wavelet-HLH	glszm	ZoneVariance	1.953964893
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.04924527
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.503995629
wavelet-HLH	glszm	SizeZoneNonUniformity	60.98347107
wavelet-HLH	glszm	GrayLevelNonUniformity	5.958677686
wavelet-HLH	glszm	LargeAreaEmphasis	4.768595041
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	409.7458095
wavelet-HLH	glszm	ZonePercentage	0.596059113
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.017968
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2792
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	572.8512397
wavelet-HLH	glszm	SmallAreaEmphasis	0.737759788
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.010869369
wavelet-HLH	glszm	ZoneEntropy	5.461888498
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01034677
wavelet-HLH	ngtdm	Coarseness	0.026687718
wavelet-HLH	ngtdm	Complexity	1715.984039
wavelet-HLH	ngtdm	Strength	8.269293637
wavelet-HLH	ngtdm	Contrast	0.414819727
wavelet-HLH	ngtdm	Busyness	0.061835392

Image type	Feature Class	Feature Name	4: RTSTRUCT: C99-DNU_segment_GTV
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	MaskHash	d1f94cca491146124ca756858f6a91388be7
general	info	NumpyVersion	b17d
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	618
original	shape	Maximum2DDiameterSlice	46.7653718
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original	shape	MinorAxis	0.682991214
original	shape	Elongation	34.82900856
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original	shape	Volume	0.277088346
original	shape	MajorAxis	16686
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original	shape	Flatness	4623.496147
original	shape	LeastAxis	0.493595914
original	shape	Maximum2DDiameterColumn	20.34485026
original	shape	Maximum2DDiameterRow	45.69463864
original	gldm	GrayLevelVariance	45.89117562
original	gldm	HighGrayLevelEmphasis	149.2433285
original	gldm	DependenceEntropy	553.9822006
original	gldm	DependenceNonUniformity	6.717421458
original	gldm	GrayLevelNonUniformity	223.1812298
original	gldm	SmallDependenceEmphasis	16.23300971
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.603170296
original	gldm	DependenceNonUniformityNormalized	314.8657066
original	gldm	LargeDependenceEmphasis	0.361134676
original	gldm	LargeDependenceLowGrayLevelEmphasis	5.715210356
original	gldm	DependenceVariance	0.506556964
			2.094133911

original	gldm	LargeDependenceHighGrayLevelEmphasis	2849.713592
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.008826752
original	gldm	LowGrayLevelEmphasis	0.022271501
original	glcm	JointAverage	21.12075378
original	glcm	SumAverage	42.24150756
original	glcm	JointEntropy	9.196211624
original	glcm	ClusterShade	2344.350905
original	glcm	MaximumProbability	0.009964534
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original	glcm	Contrast	168.7779722
original	glcm	DifferenceEntropy	4.692847919
original	glcm	InverseVariance	0.11145838
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original	glcm	ldn	0.831173271
original	glcm	ldm	0.116643463
original	glcm	Correlation	0.477128549
original	glcm	Autocorrelation	522.6695749
original	glcm	SumEntropy	6.212649685
original	glcm	SumSquares	160.8315436
original	glcm	ClusterProminence	465290.0112
original	glcm	lmc2	0.975289498
original	glcm	lmc1	-0.282689286
original	glcm	DifferenceAverage	10.05966059
original	glcm	ld	0.195043619
original	glcm	ClusterTendency	474.5482022
original	firstorder	InterquartileRange	489.25
original	firstorder	Skewness	0.368711192
original	firstorder	Uniformity	0.026267006
original	firstorder	Median	-587.5
original	firstorder	Energy	234446271
original	firstorder	RobustMeanAbsoluteDeviation	205.9107683
original	firstorder	MeanAbsoluteDeviation	261.665347
original	firstorder	TotalEnergy	6330049317
original	firstorder	Maximum	56
original	firstorder	RootMeanSquared	615.9244256
original	firstorder	90Percentile	-53.9
original	firstorder	Minimum	-1011
original	firstorder	Entropy	5.344417484
original	firstorder	Range	1067
original	firstorder	Variance	93184.64372
original	firstorder	10Percentile	-906
original	firstorder	Kurtosis	1.959042416
original	firstorder	Mean	-534.9563107
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01924244
original	glrlm	GrayLevelVariance	146.3137713
original	glrlm	LowGrayLevelRunEmphasis	0.020792295
original	glrlm	GrayLevelNonUniformityNormalized	0.026182824
original	glrlm	RunVariance	0.038049946
original	glrlm	GrayLevelNonUniformity	15.61942956
original	glrlm	LongRunEmphasis	1.111709192
original	glrlm	ShortRunHighGrayLevelEmphasis	537.8747802

original	glrlm	RunLengthNonUniformity	556.9456893
original	glrlm	ShortRunEmphasis	0.973883784
original	glrlm	LongRunHighGrayLevelEmphasis	616.4539482
original	glrlm	RunPercentage	0.965272591
original	glrlm	LongRunLowGrayLevelEmphasis	0.028230379
original	glrlm	RunEntropy	5.503384024
original	glrlm	HighGrayLevelRunEmphasis	553.196115
original	glrlm	RunLengthNonUniformityNormalized	0.933406484
original	glszm	GrayLevelVariance	126.69266
original	glszm	ZoneVariance	1.352609843
original	glszm	GrayLevelNonUniformityNormalized	0.026693505
original	glszm	SizeZoneNonUniformityNormalized	0.587449062
original	glszm	SizeZoneNonUniformity	250.8407494
original	glszm	GrayLevelNonUniformity	11.39812646
original	glszm	LargeAreaEmphasis	3.447306792
original	glszm	SmallAreaHighGrayLevelEmphasis	408.5163272
original	glszm	ZonePercentage	0.690938511
original	glszm	LargeAreaLowGrayLevelEmphasis	0.194846138
original	glszm	LargeAreaHighGrayLevelEmphasis	1908.133489
original	glszm	HighGrayLevelZoneEmphasis	525.7564403
original	glszm	SmallAreaEmphasis	0.795021107
original	glszm	LowGrayLevelZoneEmphasis	0.015859631
original	glszm	ZoneEntropy	6.239385058
original	glszm	SmallAreaLowGrayLevelEmphasis	0.011062077
original	ngtdm	Coarseness	0.008844284
original	ngtdm	Complexity	5058.757153
original	ngtdm	Strength	6.455291763
original	ngtdm	Contrast	1.100267263
original	ngtdm	Busyness	0.218532092
wavelet-HHH	gldm	GrayLevelVariance	15.43665494
wavelet-HHH	gldm	HighGrayLevelEmphasis	254.684466
wavelet-HHH	gldm	DependenceEntropy	5.972615526
wavelet-HHH	gldm	DependenceNonUniformity	145.8381877
wavelet-HHH	gldm	GrayLevelNonUniformity	47.75728155
wavelet-HHH	gldm	SmallDependenceEmphasis	0.406489127
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	105.4014185
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.235984122
wavelet-HHH	gldm	LargeDependenceEmphasis	8.190938511
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.039826493
wavelet-HHH	gldm	DependenceVariance	2.125637561
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1996.720065
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004408112
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007213739
wavelet-HHH	glcm	JointAverage	15.47057339
wavelet-HHH	glcm	SumAverage	30.94114677
wavelet-HHH	glcm	JointEntropy	7.5483179
wavelet-HHH	glcm	ClusterShade	-22.48930913
wavelet-HHH	glcm	MaximumProbability	0.019857487
wavelet-HHH	glcm	ldmn	0.958054337
wavelet-HHH	glcm	JointEnergy	0.007165304
wavelet-HHH	glcm	Contrast	32.94135967
wavelet-HHH	glcm	DifferenceEntropy	3.584707086

wavelet-HHH	glcm	InverseVariance	0.217391703
wavelet-HHH	glcm	DifferenceVariance	13.33462277
wavelet-HHH	glcm	Idn	0.866295089
wavelet-HHH	glcm	Idm	0.209515044
wavelet-HHH	glcm	Correlation	-0.031187805
wavelet-HHH	glcm	Autocorrelation	238.8611488
wavelet-HHH	glcm	SumEntropy	4.427709995
wavelet-HHH	glcm	SumSquares	15.99208224
wavelet-HHH	glcm	ClusterProminence	3598.492726
wavelet-HHH	glcm	Imc2	0.75975922
wavelet-HHH	glcm	Imc1	-0.108686188
wavelet-HHH	glcm	DifferenceAverage	4.406236195
wavelet-HHH	glcm	Id	0.302451658
wavelet-HHH	glcm	ClusterTendency	31.02696929
wavelet-HHH	firstorder	InterquartileRange	120.7016963
wavelet-HHH	firstorder	Skewness	-0.152297501
wavelet-HHH	firstorder	Uniformity	0.077277155
wavelet-HHH	firstorder	Median	-0.457799512
wavelet-HHH	firstorder	Energy	5923873.986
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.51182276
wavelet-HHH	firstorder	MeanAbsoluteDeviation	75.24867846
wavelet-HHH	firstorder	TotalEnergy	159944597.6
wavelet-HHH	firstorder	Maximum	273.1246897
wavelet-HHH	firstorder	RootMeanSquared	97.90585586
wavelet-HHH	firstorder	90Percentile	119.0436892
wavelet-HHH	firstorder	Minimum	-356.6103914
wavelet-HHH	firstorder	Entropy	3.970705322
wavelet-HHH	firstorder	Range	629.7350811
wavelet-HHH	firstorder	Variance	9585.167933
wavelet-HHH	firstorder	10Percentile	-123.3613175
wavelet-HHH	firstorder	Kurtosis	3.468969725
wavelet-HHH	firstorder	Mean	-0.623441088
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007174062
wavelet-HHH	glrlm	GrayLevelVariance	15.97622312
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.007370672
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.075435771
wavelet-HHH	glrlm	RunVariance	0.062954007
wavelet-HHH	glrlm	GrayLevelNonUniformity	44.00208118
wavelet-HHH	glrlm	LongRunEmphasis	1.186352028
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	244.6549198
wavelet-HHH	glrlm	RunLengthNonUniformity	521.2088758
wavelet-HHH	glrlm	ShortRunEmphasis	0.957190749
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	300.9929622
wavelet-HHH	glrlm	RunPercentage	0.943739109
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.008225544
wavelet-HHH	glrlm	RunEntropy	4.288184907
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	255.2025897
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.893369063
wavelet-HHH	glszm	GrayLevelVariance	24.36197231
wavelet-HHH	glszm	ZoneVariance	13.74715629
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.058147811
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.459251583

wavelet-HHH	glszm	SizeZoneNonUniformity	129.9681979
wavelet-HHH	glszm	GrayLevelNonUniformity	16.45583039
wavelet-HHH	glszm	LargeAreaEmphasis	18.51590106
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	183.2370676
wavelet-HHH	glszm	ZonePercentage	0.457928803
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.085671175
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4587.600707
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	259.3286219
wavelet-HHH	glszm	SmallAreaEmphasis	0.70454643
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.010266548
wavelet-HHH	glszm	ZoneEntropy	5.698946554
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.008748019
wavelet-HHH	ngtdm	Coarseness	0.010365652
wavelet-HHH	ngtdm	Complexity	764.8641512
wavelet-HHH	ngtdm	Strength	1.817197973
wavelet-HHH	ngtdm	Contrast	0.161986917
wavelet-HHH	ngtdm	Busyness	0.228951883
wavelet-HLL	gldm	GrayLevelVariance	61.14022685
wavelet-HLL	gldm	HighGrayLevelEmphasis	921.394822
wavelet-HLL	gldm	DependenceEntropy	6.485780552
wavelet-HLL	gldm	DependenceNonUniformity	194.7184466
wavelet-HLL	gldm	GrayLevelNonUniformity	23.98381877
wavelet-HLL	gldm	SmallDependenceEmphasis	0.524151834
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	477.4182025
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.315078393
wavelet-HLL	gldm	LargeDependenceEmphasis	4.757281553
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008546696
wavelet-HLL	gldm	DependenceVariance	0.999455389
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	4434.297735
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002511572
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.00322499
wavelet-HLL	glcm	JointAverage	29.26085516
wavelet-HLL	glcm	SumAverage	58.52171032
wavelet-HLL	glcm	JointEntropy	8.820708958
wavelet-HLL	glcm	ClusterShade	-888.1656885
wavelet-HLL	glcm	MaximumProbability	0.008663713
wavelet-HLL	glcm	ldmn	0.964925922
wavelet-HLL	glcm	JointEnergy	0.002680393
wavelet-HLL	glcm	Contrast	99.48354466
wavelet-HLL	glcm	DifferenceEntropy	4.289084397
wavelet-HLL	glcm	InverseVariance	0.143326073
wavelet-HLL	glcm	DifferenceVariance	39.43636406
wavelet-HLL	glcm	ldn	0.878319975
wavelet-HLL	glcm	ldm	0.13775501
wavelet-HLL	glcm	Correlation	0.236713819
wavelet-HLL	glcm	Autocorrelation	871.2337176
wavelet-HLL	glcm	SumEntropy	5.535656854
wavelet-HLL	glcm	SumSquares	64.75907481
wavelet-HLL	glcm	ClusterProminence	74426.36615
wavelet-HLL	glcm	lmc2	0.939214884
wavelet-HLL	glcm	lmc1	-0.217124464
wavelet-HLL	glcm	DifferenceAverage	7.577925711

wavelet-HLL	glcm	Id	0.22471104
wavelet-HLL	glcm	ClusterTendency	159.5527546
wavelet-HLL	firstorder	InterquartileRange	274.7575744
wavelet-HLL	firstorder	Skewness	-0.472249165
wavelet-HLL	firstorder	Uniformity	0.038808768
wavelet-HLL	firstorder	Median	0.612499247
wavelet-HLL	firstorder	Energy	24181759.42
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	110.7945492
wavelet-HLL	firstorder	MeanAbsoluteDeviation	157.3365504
wavelet-HLL	firstorder	TotalEnergy	652907504.4
wavelet-HLL	firstorder	Maximum	494.7744725
wavelet-HLL	firstorder	RootMeanSquared	197.8106684
wavelet-HLL	firstorder	90Percentile	196.427347
wavelet-HLL	firstorder	Minimum	-737.7988779
wavelet-HLL	firstorder	Entropy	4.914914586
wavelet-HLL	firstorder	Range	1232.57335
wavelet-HLL	firstorder	Variance	38253.21299
wavelet-HLL	firstorder	10Percentile	-305.9295925
wavelet-HLL	firstorder	Kurtosis	2.884135074
wavelet-HLL	firstorder	Mean	-29.5947218
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003252491
wavelet-HLL	glrlm	GrayLevelVariance	61.7095296
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.003292087
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.038514555
wavelet-HLL	glrlm	RunVariance	0.039414592
wavelet-HLL	glrlm	GrayLevelNonUniformity	22.94385856
wavelet-HLL	glrlm	LongRunEmphasis	1.116504627
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	895.3079461
wavelet-HLL	glrlm	RunLengthNonUniformity	554.7843738
wavelet-HLL	glrlm	ShortRunEmphasis	0.972762839
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1029.842202
wavelet-HLL	glrlm	RunPercentage	0.963903411
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.003459722
wavelet-HLL	glrlm	RunEntropy	5.110007183
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	920.8327997
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.930899052
wavelet-HLL	glszm	GrayLevelVariance	69.22782817
wavelet-HLL	glszm	ZoneVariance	1.803224994
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035441337
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.507460597
wavelet-HLL	glszm	SizeZoneNonUniformity	191.8201058
wavelet-HLL	glszm	GrayLevelNonUniformity	13.3968254
wavelet-HLL	glszm	LargeAreaEmphasis	4.476190476
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	673.1308753
wavelet-HLL	glszm	ZonePercentage	0.611650485
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009180909
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4142.613757
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	915.2989418
wavelet-HLL	glszm	SmallAreaEmphasis	0.740266732
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004336835
wavelet-HLL	glszm	ZoneEntropy	6.184692107
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003926929



wavelet-HLL	ngtdm	Coarseness	0.010278071
wavelet-HLL	ngtdm	Complexity	3702.731252
wavelet-HLL	ngtdm	Strength	6.071799674
wavelet-HLL	ngtdm	Contrast	0.349022103
wavelet-HLL	ngtdm	Busyness	0.074962495
wavelet-LHL	gldm	GrayLevelVariance	132.6402347
wavelet-LHL	gldm	HighGrayLevelEmphasis	3653.276699
wavelet-LHL	gldm	DependenceEntropy	6.712802037
wavelet-LHL	gldm	DependenceNonUniformity	231.0809061
wavelet-LHL	gldm	GrayLevelNonUniformity	17.87378641
wavelet-LHL	gldm	SmallDependenceEmphasis	0.596219435
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	2176.493248
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.373917324
wavelet-LHL	gldm	LargeDependenceEmphasis	3.692556634
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002957158
wavelet-LHL	gldm	DependenceVariance	0.728364806
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	13420.16019
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002018515
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002143945
wavelet-LHL	glcm	JointAverage	59.49763969
wavelet-LHL	glcm	SumAverage	118.9952794
wavelet-LHL	glcm	JointEntropy	9.103380048
wavelet-LHL	glcm	ClusterShade	-2825.045499
wavelet-LHL	glcm	MaximumProbability	0.006847362
wavelet-LHL	glcm	ldmn	0.979339632
wavelet-LHL	glcm	JointEnergy	0.002118817
wavelet-LHL	glcm	Contrast	185.5548017
wavelet-LHL	glcm	DifferenceEntropy	4.601341103
wavelet-LHL	glcm	InverseVariance	0.116898976
wavelet-LHL	glcm	DifferenceVariance	82.77928486
wavelet-LHL	glcm	ldn	0.907185818
wavelet-LHL	glcm	ldm	0.110854928
wavelet-LHL	glcm	Correlation	0.172974849
wavelet-LHL	glcm	Autocorrelation	3561.186235
wavelet-LHL	glcm	SumEntropy	5.834416347
wavelet-LHL	glcm	SumSquares	113.9810188
wavelet-LHL	glcm	ClusterProminence	433897.2223
wavelet-LHL	glcm	lmc2	0.975495587
wavelet-LHL	glcm	lmc1	-0.287596658
wavelet-LHL	glcm	DifferenceAverage	9.858576809
wavelet-LHL	glcm	ld	0.192706938
wavelet-LHL	glcm	ClusterTendency	270.3692736
wavelet-LHL	firstorder	InterquartileRange	348.5615395
wavelet-LHL	firstorder	Skewness	-0.917311003
wavelet-LHL	firstorder	Uniformity	0.028921984
wavelet-LHL	firstorder	Median	22.69673435
wavelet-LHL	firstorder	Energy	51306018.34
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	139.5522498
wavelet-LHL	firstorder	MeanAbsoluteDeviation	214.8330074
wavelet-LHL	firstorder	TotalEnergy	1385262495
wavelet-LHL	firstorder	Maximum	735.2293581
wavelet-LHL	firstorder	RootMeanSquared	288.1309549

wavelet-LHL	firstorder	90Percentile	321.2252222
wavelet-LHL	firstorder	Minimum	-1461.186148
wavelet-LHL	firstorder	Entropy	5.398026534
wavelet-LHL	firstorder	Range	2196.415506
wavelet-LHL	firstorder	Variance	83007.3371
wavelet-LHL	firstorder	10Percentile	-334.132146
wavelet-LHL	firstorder	Kurtosis	5.847165959
wavelet-LHL	firstorder	Mean	-3.479949742
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002190255
wavelet-LHL	glrlm	GrayLevelVariance	134.5803241
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002196663
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.028670522
wavelet-LHL	glrlm	RunVariance	0.029531279
wavelet-LHL	glrlm	GrayLevelNonUniformity	17.22661214
wavelet-LHL	glrlm	LongRunEmphasis	1.087820513
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	3577.566809
wavelet-LHL	glrlm	RunLengthNonUniformity	568.6333825
wavelet-LHL	glrlm	ShortRunEmphasis	0.979049773
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	3974.04098
wavelet-LHL	glrlm	RunPercentage	0.972242967
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002223415
wavelet-LHL	glrlm	RunEntropy	5.545805936
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	3653.63584
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.946176785
wavelet-LHL	glszm	GrayLevelVariance	161.030174
wavelet-LHL	glszm	ZoneVariance	0.853679392
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.025814709
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.558506447
wavelet-LHL	glszm	SizeZoneNonUniformity	236.248227
wavelet-LHL	glszm	GrayLevelNonUniformity	10.91962175
wavelet-LHL	glszm	LargeAreaEmphasis	2.988179669
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	2830.289198
wavelet-LHL	glszm	ZonePercentage	0.684466019
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.003590374
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	10881.79905
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	3652.359338
wavelet-LHL	glszm	SmallAreaEmphasis	0.775978421
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002990629
wavelet-LHL	glszm	ZoneEntropy	6.516611277
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002919432
wavelet-LHL	ngtdm	Coarseness	0.010576375
wavelet-LHL	ngtdm	Complexity	13611.38167
wavelet-LHL	ngtdm	Strength	17.81416942
wavelet-LHL	ngtdm	Contrast	0.480313579
wavelet-LHL	ngtdm	Busyness	0.022841821
wavelet-LHH	gldm	GrayLevelVariance	40.08937118
wavelet-LHH	gldm	HighGrayLevelEmphasis	548.3802589
wavelet-LHH	gldm	DependenceEntropy	6.173657652
wavelet-LHH	gldm	DependenceNonUniformity	208.6569579
wavelet-LHH	gldm	GrayLevelNonUniformity	29.44660194
wavelet-LHH	gldm	SmallDependenceEmphasis	0.564083064
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	316.668163

wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.337632618
wavelet-LHH	gldm	LargeDependenceEmphasis	4.621359223
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.012321775
wavelet-LHH	gldm	DependenceVariance	1.110283721
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2492.726537
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003525706
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.004513591
wavelet-LHH	glcm	JointAverage	22.5615603
wavelet-LHH	glcm	SumAverage	45.1231206
wavelet-LHH	glcm	JointEntropy	8.45576259
wavelet-LHH	glcm	ClusterShade	4.087847409
wavelet-LHH	glcm	MaximumProbability	0.011098957
wavelet-LHH	glcm	ldmn	0.964910817
wavelet-LHH	glcm	JointEnergy	0.003528769
wavelet-LHH	glcm	Contrast	80.11840355
wavelet-LHH	glcm	DifferenceEntropy	4.171598874
wavelet-LHH	glcm	InverseVariance	0.143877056
wavelet-LHH	glcm	DifferenceVariance	30.68740053
wavelet-LHH	glcm	ldn	0.875354876
wavelet-LHH	glcm	ldm	0.136185601
wavelet-LHH	glcm	Correlation	-0.029627512
wavelet-LHH	glcm	Autocorrelation	507.8777407
wavelet-LHH	glcm	SumEntropy	5.033382878
wavelet-LHH	glcm	SumSquares	38.9115032
wavelet-LHH	glcm	ClusterProminence	20778.71944
wavelet-LHH	glcm	lmc2	0.889509722
wavelet-LHH	glcm	lmc1	-0.170677587
wavelet-LHH	glcm	DifferenceAverage	6.956210766
wavelet-LHH	glcm	ld	0.226287027
wavelet-LHH	glcm	ClusterTendency	75.52760927
wavelet-LHH	firstorder	InterquartileRange	201.1400435
wavelet-LHH	firstorder	Skewness	0.06674169
wavelet-LHH	firstorder	Uniformity	0.047648223
wavelet-LHH	firstorder	Median	-4.371297863
wavelet-LHH	firstorder	Energy	15446337.26
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	84.78548196
wavelet-LHH	firstorder	MeanAbsoluteDeviation	123.7589922
wavelet-LHH	firstorder	TotalEnergy	417051106
wavelet-LHH	firstorder	Maximum	566.6905616
wavelet-LHH	firstorder	RootMeanSquared	158.0951398
wavelet-LHH	firstorder	90Percentile	203.2781189
wavelet-LHH	firstorder	Minimum	-533.153676
wavelet-LHH	firstorder	Entropy	4.646825261
wavelet-LHH	firstorder	Range	1099.844238
wavelet-LHH	firstorder	Variance	24993.30172
wavelet-LHH	firstorder	10Percentile	-189.4302029
wavelet-LHH	firstorder	Kurtosis	3.34284757
wavelet-LHH	firstorder	Mean	0.878359104
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004539647
wavelet-LHH	glrlm	GrayLevelVariance	40.85333979
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.004594131
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalied	0.046986415

wavelet-LHH	glrlm	RunVariance	0.038455484
wavelet-LHH	glrlm	GrayLevelNonUniformity	28.06211956
wavelet-LHH	glrlm	LongRunEmphasis	1.109496615
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	535.4707123
wavelet-LHH	glrlm	RunLengthNonUniformity	559.6180199
wavelet-LHH	glrlm	ShortRunEmphasis	0.975213267
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	607.0175226
wavelet-LHH	glrlm	RunPercentage	0.96639283
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.004835846
wavelet-LHH	glrlm	RunEntropy	4.834637106
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	548.8469298
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.936858295
wavelet-LHH	glszm	GrayLevelVariance	52.09497583
wavelet-LHH	glszm	ZoneVariance	2.243509658
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.041149652
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.568160857
wavelet-LHH	glszm	SizeZoneNonUniformity	222.1508951
wavelet-LHH	glszm	GrayLevelNonUniformity	16.08951407
wavelet-LHH	glszm	LargeAreaEmphasis	4.74168798
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	441.7039576
wavelet-LHH	glszm	ZonePercentage	0.632686084
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.013858037
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2520.723785
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	556.5626598
wavelet-LHH	glszm	SmallAreaEmphasis	0.781838055
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.005844198
wavelet-LHH	glszm	ZoneEntropy	5.877271396
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.00532586
wavelet-LHH	ngtdm	Coarseness	0.009481522
wavelet-LHH	ngtdm	Complexity	3126.336638
wavelet-LHH	ngtdm	Strength	4.275606155
wavelet-LHH	ngtdm	Contrast	0.281442218
wavelet-LHH	ngtdm	Busyness	0.115645884
wavelet-LLH	gldm	GrayLevelVariance	129.5475775
wavelet-LLH	gldm	HighGrayLevelEmphasis	1531.432039
wavelet-LLH	gldm	DependenceEntropy	6.57907917
wavelet-LLH	gldm	DependenceNonUniformity	271.0614887
wavelet-LLH	gldm	GrayLevelNonUniformity	16.79288026
wavelet-LLH	gldm	SmallDependenceEmphasis	0.672855538
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1029.297173
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.438610823
wavelet-LLH	gldm	LargeDependenceEmphasis	3.045307443
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.004566065
wavelet-LLH	gldm	DependenceVariance	0.602004587
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4734.639159
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002634655
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002919009
wavelet-LLH	glcm	JointAverage	37.11158932
wavelet-LLH	glcm	SumAverage	74.22317864
wavelet-LLH	glcm	JointEntropy	9.22560996
wavelet-LLH	glcm	ClusterShade	-2423.189392
wavelet-LLH	glcm	MaximumProbability	0.006098112

wavelet-LLH	glcm	Idmn	0.950548657
wavelet-LLH	glcm	JointEnergy	0.001908861
wavelet-LLH	glcm	Contrast	258.8183238
wavelet-LLH	glcm	DifferenceEntropy	4.891970396
wavelet-LLH	glcm	InverseVariance	0.096120668
wavelet-LLH	glcm	DifferenceVariance	104.2057682
wavelet-LLH	glcm	Idn	0.858961958
wavelet-LLH	glcm	Idm	0.089802534
wavelet-LLH	glcm	Correlation	0.028812191
wavelet-LLH	glcm	Autocorrelation	1381.754619
wavelet-LLH	glcm	SumEntropy	5.864092665
wavelet-LLH	glcm	SumSquares	133.8814527
wavelet-LLH	glcm	ClusterProminence	256280.0866
wavelet-LLH	glcm	Imc2	0.981569975
wavelet-LLH	glcm	Imc1	-0.305640374
wavelet-LLH	glcm	DifferenceAverage	12.09010041
wavelet-LLH	glcm	Id	0.166951182
wavelet-LLH	glcm	ClusterTendency	276.7074872
wavelet-LLH	firstorder	InterquartileRange	354.6331509
wavelet-LLH	firstorder	Skewness	-0.553833565
wavelet-LLH	firstorder	Uniformity	0.027172945
wavelet-LLH	firstorder	Median	13.16092037
wavelet-LLH	firstorder	Energy	50409386.78
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	153.7065286
wavelet-LLH	firstorder	MeanAbsoluteDeviation	225.1589935
wavelet-LLH	firstorder	TotalEnergy	1361053443
wavelet-LLH	firstorder	Maximum	684.5834303
wavelet-LLH	firstorder	RootMeanSquared	285.6021481
wavelet-LLH	firstorder	90Percentile	307.0836461
wavelet-LLH	firstorder	Minimum	-930.4534468
wavelet-LLH	firstorder	Entropy	5.433561644
wavelet-LLH	firstorder	Range	1615.036877
wavelet-LLH	firstorder	Variance	80875.65722
wavelet-LLH	firstorder	10Percentile	-410.6486045
wavelet-LLH	firstorder	Kurtosis	3.033472169
wavelet-LLH	firstorder	Mean	-26.32355992
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002951739
wavelet-LLH	glrlm	GrayLevelVariance	131.0241459
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002965388
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.026952779
wavelet-LLH	glrlm	RunVariance	0.02240806
wavelet-LLH	glrlm	GrayLevelNonUniformity	16.29651754
wavelet-LLH	glrlm	LongRunEmphasis	1.067414946
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1505.404561
wavelet-LLH	glrlm	RunLengthNonUniformity	578.9639538
wavelet-LLH	glrlm	ShortRunEmphasis	0.983571972
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1635.280809
wavelet-LLH	glrlm	RunPercentage	0.978342046
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003021466
wavelet-LLH	glrlm	RunEntropy	5.552760978
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1530.985363
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.95742658

wavelet-LLH	glszm	GrayLevelVariance	151.6086842
wavelet-LLH	glszm	ZoneVariance	0.634901895
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.024502914
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.641573434
wavelet-LLH	glszm	SizeZoneNonUniformity	296.4069264
wavelet-LLH	glszm	GrayLevelNonUniformity	11.32034632
wavelet-LLH	glszm	LargeAreaEmphasis	2.424242424
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1267.540479
wavelet-LLH	glszm	ZonePercentage	0.747572816
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.004758418
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3739.945887
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1529.593074
wavelet-LLH	glszm	SmallAreaEmphasis	0.828263269
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003618637
wavelet-LLH	glszm	ZoneEntropy	6.362391347
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003461691
wavelet-LLH	ngtdm	Coarseness	0.009298347
wavelet-LLH	ngtdm	Complexity	11590.60136
wavelet-LLH	ngtdm	Strength	9.569298411
wavelet-LLH	ngtdm	Contrast	0.667091024
wavelet-LLH	ngtdm	Busyness	0.047983458
wavelet-LLL	gldm	GrayLevelVariance	792.8834454
wavelet-LLL	gldm	HighGrayLevelEmphasis	3783.982201
wavelet-LLL	gldm	DependenceEntropy	7.222678972
wavelet-LLL	gldm	DependenceNonUniformity	377.6472492
wavelet-LLL	gldm	GrayLevelNonUniformity	7.32038835
wavelet-LLL	gldm	SmallDependenceEmphasis	0.808308612
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3139.831322
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.611079691
wavelet-LLL	gldm	LargeDependenceEmphasis	1.928802589
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005647654
wavelet-LLL	gldm	DependenceVariance	0.27811816
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6514.839806
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003129357
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003461066
wavelet-LLL	glcm	JointAverage	57.51340688
wavelet-LLL	glcm	SumAverage	115.0268138
wavelet-LLL	glcm	JointEntropy	9.655727329
wavelet-LLL	glcm	ClusterShade	41529.5665
wavelet-LLL	glcm	MaximumProbability	0.003761173
wavelet-LLL	glcm	Idmn	0.965972464
wavelet-LLL	glcm	JointEnergy	0.001298217
wavelet-LLL	glcm	Contrast	570.8791879
wavelet-LLL	glcm	DifferenceEntropy	5.477458701
wavelet-LLL	glcm	InverseVariance	0.057058663
wavelet-LLL	glcm	DifferenceVariance	201.844173
wavelet-LLL	glcm	Idn	0.875326454
wavelet-LLL	glcm	Idm	0.051301298
wavelet-LLL	glcm	Correlation	0.671681282
wavelet-LLL	glcm	Autocorrelation	3887.489226
wavelet-LLL	glcm	SumEntropy	7.275770453
wavelet-LLL	glcm	SumSquares	864.1377635

wavelet-LLL	glcm	ClusterProminence	18424295.21
wavelet-LLL	glcm	lmc2	0.999625851
wavelet-LLL	glcm	lmc1	-0.544403209
wavelet-LLL	glcm	DifferenceAverage	18.90210102
wavelet-LLL	glcm	ld	0.113454146
wavelet-LLL	glcm	ClusterTendency	2885.671866
wavelet-LLL	firstorder	InterquartileRange	1060.086692
wavelet-LLL	firstorder	Skewness	0.443129883
wavelet-LLL	firstorder	Uniformity	0.011845289
wavelet-LLL	firstorder	Median	-1668.194114
wavelet-LLL	firstorder	Energy	1782465007
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	437.7000856
wavelet-LLL	firstorder	MeanAbsoluteDeviation	589.3965303
wavelet-LLL	firstorder	TotalEnergy	48126555178
wavelet-LLL	firstorder	Maximum	156.4529054
wavelet-LLL	firstorder	RootMeanSquared	1698.30727
wavelet-LLL	firstorder	90Percentile	-507.6408704
wavelet-LLL	firstorder	Minimum	-2886.131899
wavelet-LLL	firstorder	Entropy	6.603716775
wavelet-LLL	firstorder	Range	3042.584804
wavelet-LLL	firstorder	Variance	495696.4242
wavelet-LLL	firstorder	10Percentile	-2382.371724
wavelet-LLL	firstorder	Kurtosis	2.370132857
wavelet-LLL	firstorder	Mean	-1545.493824
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003459321
wavelet-LLL	glrlm	GrayLevelVariance	792.0161861
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003476509
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.011825387
wavelet-LLL	glrlm	RunVariance	0.011203573
wavelet-LLL	glrlm	GrayLevelNonUniformity	7.228058572
wavelet-LLL	glrlm	LongRunEmphasis	1.033567442
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3765.553824
wavelet-LLL	glrlm	RunLengthNonUniformity	598.0273357
wavelet-LLL	glrlm	ShortRunEmphasis	0.991748484
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3895.554589
wavelet-LLL	glrlm	RunPercentage	0.989046552
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003545669
wavelet-LLL	glrlm	RunEntropy	6.647384974
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3791.400271
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.978340761
wavelet-LLL	glszm	GrayLevelVariance	780.7045687
wavelet-LLL	glszm	ZoneVariance	0.188738796
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011621709
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.766913549
wavelet-LLL	glszm	SizeZoneNonUniformity	409.5318352
wavelet-LLL	glszm	GrayLevelNonUniformity	6.205992509
wavelet-LLL	glszm	LargeAreaEmphasis	1.528089888
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3508.623609
wavelet-LLL	glszm	ZonePercentage	0.86407767
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004907378
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5449.698502
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3871.981273

wavelet-LLL	glszm	SmallAreaEmphasis	0.898213171
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003708346
wavelet-LLL	glszm	ZoneEntropy	7.041268761
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00355955
wavelet-LLL	ngtdm	Coarseness	0.013507909
wavelet-LLL	ngtdm	Complexity	58096.78965
wavelet-LLL	ngtdm	Strength	74.30454365
wavelet-LLL	ngtdm	Contrast	1.208192
wavelet-LLL	ngtdm	Busyness	0.015884696
wavelet-HHL	gldm	GrayLevelVariance	21.73077628
wavelet-HHL	gldm	HighGrayLevelEmphasis	266.1116505
wavelet-HHL	gldm	DependenceEntropy	6.158889818
wavelet-HHL	gldm	DependenceNonUniformity	139.02589
wavelet-HHL	gldm	GrayLevelNonUniformity	41.33656958
wavelet-HHL	gldm	SmallDependenceEmphasis	0.417609511
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	125.0462561
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.224960987
wavelet-HHL	gldm	LargeDependenceEmphasis	9.025889968
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046201497
wavelet-HHL	gldm	DependenceVariance	2.571988144
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2145.205502
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005097931
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.008060334
wavelet-HHL	glcm	JointAverage	15.61679907
wavelet-HHL	glcm	SumAverage	31.23359814
wavelet-HHL	glcm	JointEntropy	7.776379992
wavelet-HHL	glcm	ClusterShade	48.79010061
wavelet-HHL	glcm	MaximumProbability	0.019582319
wavelet-HHL	glcm	ldmn	0.964831339
wavelet-HHL	glcm	JointEnergy	0.006248281
wavelet-HHL	glcm	Contrast	41.33643005
wavelet-HHL	glcm	DifferenceEntropy	3.723473246
wavelet-HHL	glcm	InverseVariance	0.199108729
wavelet-HHL	glcm	DifferenceVariance	17.35410684
wavelet-HHL	glcm	ldn	0.878500906
wavelet-HHL	glcm	ldm	0.203178552
wavelet-HHL	glcm	Correlation	-0.005469092
wavelet-HHL	glcm	Autocorrelation	243.7516496
wavelet-HHL	glcm	SumEntropy	4.602060141
wavelet-HHL	glcm	SumSquares	20.52913706
wavelet-HHL	glcm	ClusterProminence	6553.16687
wavelet-HHL	glcm	lmc2	0.820138446
wavelet-HHL	glcm	lmc1	-0.135122291
wavelet-HHL	glcm	DifferenceAverage	4.849754491
wavelet-HHL	glcm	ld	0.294732914
wavelet-HHL	glcm	ClusterTendency	40.78011817
wavelet-HHL	firstorder	InterquartileRange	133.4280842
wavelet-HHL	firstorder	Skewness	0.209131618
wavelet-HHL	firstorder	Uniformity	0.066887653
wavelet-HHL	firstorder	Median	-2.455297683
wavelet-HHL	firstorder	Energy	8366192.416
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	57.33015105



wavelet-HHL	firstorder	MeanAbsoluteDeviation	88.49997658
wavelet-HHL	firstorder	TotalEnergy	225887195.2
wavelet-HHL	firstorder	Maximum	405.345755
wavelet-HHL	firstorder	RootMeanSquared	116.3508839
wavelet-HHL	firstorder	90Percentile	150.2966159
wavelet-HHL	firstorder	Minimum	-369.9781336
wavelet-HHL	firstorder	Entropy	4.213894742
wavelet-HHL	firstorder	Range	775.3238886
wavelet-HHL	firstorder	Variance	13525.15862
wavelet-HHL	firstorder	10Percentile	-132.17187
wavelet-HHL	firstorder	Kurtosis	3.712187234
wavelet-HHL	firstorder	Mean	3.51703906
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.00804899
wavelet-HHL	grlm	GrayLevelVariance	22.64833298
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.008262682
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.064738879
wavelet-HHL	grlm	RunVariance	0.070925852
wavelet-HHL	grlm	GrayLevelNonUniformity	37.63964741
wavelet-HHL	grlm	LongRunEmphasis	1.201438348
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	257.5041302
wavelet-HHL	grlm	RunLengthNonUniformity	518.5564336
wavelet-HHL	grlm	ShortRunEmphasis	0.956209678
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	315.6799349
wavelet-HHL	grlm	RunPercentage	0.940751805
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.009238172
wavelet-HHL	grlm	RunEntropy	4.544388235
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	267.920381
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.891643154
wavelet-HHL	glszm	GrayLevelVariance	36.74429067
wavelet-HHL	glszm	ZoneVariance	16.19790699
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.04738618
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.509535919
wavelet-HHL	glszm	SizeZoneNonUniformity	145.7272727
wavelet-HHL	glszm	GrayLevelNonUniformity	13.55244755
wavelet-HHL	glszm	LargeAreaEmphasis	20.86713287
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	230.7205551
wavelet-HHL	glszm	ZonePercentage	0.462783172
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.100203568
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	5091.234266
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	294.7622378
wavelet-HHL	glszm	SmallAreaEmphasis	0.741284403
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.011680051
wavelet-HHL	glszm	ZoneEntropy	5.778995922
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010166696
wavelet-HHL	ngtdm	Coarseness	0.010748485
wavelet-HHL	ngtdm	Complexity	1339.786642
wavelet-HHL	ngtdm	Strength	2.876661294
wavelet-HHL	ngtdm	Contrast	0.169253366
wavelet-HHL	ngtdm	Busyness	0.171877549
wavelet-HHL	gldm	GrayLevelVariance	30.13557671
wavelet-HHL	gldm	HighGrayLevelEmphasis	490.9255663
wavelet-HHL	gldm	DependenceEntropy	6.20921879

wavelet-HLH	gldm	DependenceNonUniformity	166.2394822
wavelet-HLH	gldm	GrayLevelNonUniformity	34.69579288
wavelet-HLH	gldm	SmallDependenceEmphasis	0.480132232
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	254.6295422
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.268995926
wavelet-HLH	gldm	LargeDependenceEmphasis	6.44012945
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018081249
wavelet-HLH	gldm	DependenceVariance	1.611514333
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2894.184466
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003094072
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.004423123
wavelet-HLH	glcm	JointAverage	21.43321261
wavelet-HLH	glcm	SumAverage	42.86642522
wavelet-HLH	glcm	JointEntropy	8.163533291
wavelet-HLH	glcm	ClusterShade	83.87598294
wavelet-HLH	glcm	MaximumProbability	0.013658093
wavelet-HLH	glcm	Idmn	0.969147853
wavelet-HLH	glcm	JointEnergy	0.004534454
wavelet-HLH	glcm	Contrast	61.53882587
wavelet-HLH	glcm	DifferenceEntropy	3.975843072
wavelet-HLH	glcm	InverseVariance	0.176232662
wavelet-HLH	glcm	DifferenceVariance	25.78988142
wavelet-HLH	glcm	Idn	0.885700128
wavelet-HLH	glcm	Idm	0.171242522
wavelet-HLH	glcm	Correlation	-0.015316184
wavelet-HLH	glcm	Autocorrelation	458.9301673
wavelet-HLH	glcm	SumEntropy	4.856535789
wavelet-HLH	glcm	SumSquares	30.28850613
wavelet-HLH	glcm	ClusterProminence	14495.33565
wavelet-HLH	glcm	Imc2	0.865336033
wavelet-HLH	glcm	Imc1	-0.156591215
wavelet-HLH	glcm	DifferenceAverage	5.909471526
wavelet-HLH	glcm	Id	0.261478619
wavelet-HLH	glcm	ClusterTendency	59.61519867
wavelet-HLH	firstorder	InterquartileRange	167.6680728
wavelet-HLH	firstorder	Skewness	0.274454641
wavelet-HLH	firstorder	Uniformity	0.05614206
wavelet-HLH	firstorder	Median	-4.954640983
wavelet-HLH	firstorder	Energy	11655316.88
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	69.60324648
wavelet-HLH	firstorder	MeanAbsoluteDeviation	104.8874368
wavelet-HLH	firstorder	TotalEnergy	314693555.9
wavelet-HLH	firstorder	Maximum	523.7800262
wavelet-HLH	firstorder	RootMeanSquared	137.3307542
wavelet-HLH	firstorder	90Percentile	164.6300413
wavelet-HLH	firstorder	Minimum	-502.2419699
wavelet-HLH	firstorder	Entropy	4.424744475
wavelet-HLH	firstorder	Range	1026.021996
wavelet-HLH	firstorder	Variance	18858.74793
wavelet-HLH	firstorder	10Percentile	-160.9171749
wavelet-HLH	firstorder	Kurtosis	3.951541037
wavelet-HLH	firstorder	Mean	-0.994046599

wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004426577
wavelet-HLH	glrlm	GrayLevelVariance	31.00683338
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.00451505
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.055110262
wavelet-HLH	glrlm	RunVariance	0.050361602
wavelet-HLH	glrlm	GrayLevelNonUniformity	32.49106463
wavelet-HLH	glrlm	LongRunEmphasis	1.150177823
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	477.3470088
wavelet-HLH	glrlm	RunLengthNonUniformity	537.9465697
wavelet-HLH	glrlm	ShortRunEmphasis	0.964933751
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	559.8616625
wavelet-HLH	glrlm	RunPercentage	0.953945731
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.004895942
wavelet-HLH	glrlm	RunEntropy	4.684282892
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	493.085559
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.911980276
wavelet-HLH	glszm	GrayLevelVariance	43.50797416
wavelet-HLH	glszm	ZoneVariance	4.295998039
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.045236511
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.515037989
wavelet-HLH	glszm	SizeZoneNonUniformity	174.0828402
wavelet-HLH	glszm	GrayLevelNonUniformity	15.28994083
wavelet-HLH	glszm	LargeAreaEmphasis	7.639053254
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	404.2798636
wavelet-HLH	glszm	ZonePercentage	0.546925566
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022546834
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	3427.278107
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	524.7781065
wavelet-HLH	glszm	SmallAreaEmphasis	0.744711342
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.005970589
wavelet-HLH	glszm	ZoneEntropy	5.897797412
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005313211
wavelet-HLH	ngtdm	Coarseness	0.010201623
wavelet-HLH	ngtdm	Complexity	2032.958252
wavelet-HLH	ngtdm	Strength	3.70758156
wavelet-HLH	ngtdm	Contrast	0.231590331
wavelet-HLH	ngtdm	Busyness	0.128761318

Image type	Feature Class	Feature Name	
general	info	BoundingBox	20: RTSTRUCT: C99-DNU_A_segment_tumor_right (0, 0, 1, 10, 8, 8)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	ba62d046cf972dcb5c72ea93a8987cb4b787d8f4 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	002b2ff6b132e1e8283fe50279a493728cff7610
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	234
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original	shape	MinorAxis	22.44292553
original	shape	Elongation	0.827262541
original	shape	SurfaceVolumeRatio	0.337587181
original	shape	Volume	6318
original	shape	MajorAxis	27.12914512
original	shape	SurfaceArea	2132.87581
original	shape	Flatness	0.624367808
original	shape	LeastAxis	16.93856487
original	shape	Maximum2DDiameterColumn	29.69848481
original	shape	Maximum2DDiameterRow	25.8069758
original	gldm	GrayLevelVariance	114.2646651
original	gldm	HighGrayLevelEmphasis	434.8888889
original	gldm	DependenceEntropy	6.161923938
original	gldm	DependenceNonUniformity	73.85470085
original	gldm	GrayLevelNonUniformity	10.06837607
original	gldm	SmallDependenceEmphasis	0.570987898
original	gldm	SmallDependenceHighGrayLevelEmphasis	177.3957782
original	gldm	DependenceNonUniformityNormalized	0.31561838
original	gldm	LargeDependenceEmphasis	9.743589744
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.062451392
original	gldm	DependenceVariance	4.299145299
original	gldm	LargeDependenceHighGrayLevelEmphasis	8491.709402
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014204446
original	gldm	LowGrayLevelEmphasis	0.019383495
original	glcm	JointAverage	19.99799956
original	glcm	SumAverage	39.99599913
original	glcm	JointEntropy	7.531249867
original	glcm	ClusterShade	-477.679949
original	glcm	MaximumProbability	0.035913321
original	glcm	Idmn	0.913083696
original	glcm	JointEnergy	0.007704245
original	glcm	Contrast	132.5187536

original	glcm	DifferenceEntropy	4.306257447
original	glcm	InverseVariance	0.18271198
original	glcm	DifferenceVariance	55.31915536
original	glcm	Idn	0.823296396
original	glcm	Idm	0.180988912
original	glcm	Correlation	0.428345001
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original	glcm	SumEntropy	5.496838043
original	glcm	SumSquares	116.6684579
original	glcm	ClusterProminence	194678.7057
original	glcm	Imc2	0.986325601
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original	glcm	Id	0.252137351
original	glcm	ClusterTendency	334.1550778
original	firstorder	InterquartileRange	551.25
original	firstorder	Skewness	0.176502752
original	firstorder	Uniformity	0.043027248
original	firstorder	Median	-407
original	firstorder	Energy	43810781
original	firstorder	RobustMeanAbsoluteDeviation	208.0025464
original	firstorder	MeanAbsoluteDeviation	239.636533
original	firstorder	TotalEnergy	1182891087
original	firstorder	Maximum	70
original	firstorder	RootMeanSquared	432.6956896
original	firstorder	90Percentile	27
original	firstorder	Minimum	-757
original	firstorder	Entropy	4.787945197
original	firstorder	Range	827
original	firstorder	Variance	71454.04326
original	firstorder	10Percentile	-670.6
original	firstorder	Kurtosis	1.523361338
original	firstorder	Mean	-340.2521368
original	glrlm	ShortRunLowGrayLevelEmphasis	0.019731189
original	glrlm	GrayLevelVariance	110.40323
original	glrlm	LowGrayLevelRunEmphasis	0.020018955
original	glrlm	GrayLevelNonUniformityNormalized	0.040543301
original	glrlm	RunVariance	0.064031739
original	glrlm	GrayLevelNonUniformity	9.00487348
original	glrlm	LongRunEmphasis	1.177563791
original	glrlm	ShortRunHighGrayLevelEmphasis	384.6197425
original	glrlm	RunLengthNonUniformity	201.4325486
original	glrlm	ShortRunEmphasis	0.962293029
original	glrlm	LongRunHighGrayLevelEmphasis	557.74995
original	glrlm	RunPercentage	0.948717949
original	glrlm	LongRunLowGrayLevelEmphasis	0.021447436
original	glrlm	RunEntropy	5.012512918
original	glrlm	HighGrayLevelRunEmphasis	414.707182
original	glrlm	RunLengthNonUniformityNormalized	0.906374903
original	glszm	GrayLevelVariance	82.95703981
original	glszm	ZoneVariance	5.189371804
original	glszm	GrayLevelNonUniformityNormalized	0.036705625
original	glszm	SizeZoneNonUniformityNormalized	0.631848064
original	glszm	SizeZoneNonUniformity	93.51351351
original	glszm	GrayLevelNonUniformity	5.432432432
original	glszm	LargeAreaEmphasis	7.689189189
original	glszm	SmallAreaHighGrayLevelEmphasis	245.993705
original	glszm	ZonePercentage	0.632478632

original	glszm	LargeAreaLowGrayLevelEmphasis	0.059143371
original	glszm	LargeAreaHighGrayLevelEmphasis	6401.959459
original	glszm	HighGrayLevelZoneEmphasis	314.6959459
original	glszm	SmallAreaEmphasis	0.820827703
original	glszm	LowGrayLevelZoneEmphasis	0.023804581
original	glszm	ZoneEntropy	5.536235951
original	glszm	SmallAreaLowGrayLevelEmphasis	0.021101979
original	ngtdm	Coarseness	0.015352029
original	ngtdm	Complexity	3171.749981
original	ngtdm	Strength	10.05830782
original	ngtdm	Contrast	1.239765295
original	ngtdm	Busyness	0.114314852
wavelet-HHH	gldm	GrayLevelVariance	11.9508547
wavelet-HHH	gldm	HighGrayLevelEmphasis	252.2008547
wavelet-HHH	gldm	DependenceEntropy	5.737483847
wavelet-HHH	gldm	DependenceNonUniformity	41.77777778
wavelet-HHH	gldm	GrayLevelNonUniformity	24.32478632
wavelet-HHH	gldm	SmallDependenceEmphasis	0.34272467
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	85.10125335
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.178537512
wavelet-HHH	gldm	LargeDependenceEmphasis	15
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.069592751
wavelet-HHH	gldm	DependenceVariance	5.053254438
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3655.081197
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006973703
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.009832261
wavelet-HHH	glcm	JointAverage	15.50373309
wavelet-HHH	glcm	SumAverage	31.00746618
wavelet-HHH	glcm	JointEntropy	6.44428212
wavelet-HHH	glcm	ClusterShade	-31.92731179
wavelet-HHH	glcm	MaximumProbability	0.046838769
wavelet-HHH	glcm	Idmn	0.97042089
wavelet-HHH	glcm	JointEnergy	0.016290528
wavelet-HHH	glcm	Contrast	23.55299034
wavelet-HHH	glcm	DifferenceEntropy	3.213575627
wavelet-HHH	glcm	InverseVariance	0.278745671
wavelet-HHH	glcm	DifferenceVariance	11.5643165
wavelet-HHH	glcm	Idn	0.893801186
wavelet-HHH	glcm	Idm	0.287758588
wavelet-HHH	glcm	Correlation	-0.045819801
wavelet-HHH	glcm	Autocorrelation	239.7845775
wavelet-HHH	glcm	SumEntropy	3.95834832
wavelet-HHH	glcm	SumSquares	11.19403497
wavelet-HHH	glcm	ClusterProminence	2668.749126
wavelet-HHH	glcm	Imc2	0.876179078
wavelet-HHH	glcm	Imc1	-0.20537053
wavelet-HHH	glcm	DifferenceAverage	3.42380992
wavelet-HHH	glcm	Id	0.372035499
wavelet-HHH	glcm	ClusterTendency	21.22314952
wavelet-HHH	firstorder	InterquartileRange	79.89667125
wavelet-HHH	firstorder	Skewness	-0.55391643
wavelet-HHH	firstorder	Uniformity	0.103952078
wavelet-HHH	firstorder	Median	3.681743271
wavelet-HHH	firstorder	Energy	1700365.755
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.85117776
wavelet-HHH	firstorder	MeanAbsoluteDeviation	59.7357097
wavelet-HHH	firstorder	TotalEnergy	45909875.39
wavelet-HHH	firstorder	Maximum	252.7422361

wavelet-HHH	firstorder	RootMeanSquared	85.2438873
wavelet-HHH	firstorder	90Percentile	101.1308339
wavelet-HHH	firstorder	Minimum	-354.1770516
wavelet-HHH	firstorder	Entropy	3.649583138
wavelet-HHH	firstorder	Range	606.9192877
wavelet-HHH	firstorder	Variance	7266.326318
wavelet-HHH	firstorder	10Percentile	-96.60922772
wavelet-HHH	firstorder	Kurtosis	5.639771542
wavelet-HHH	firstorder	Mean	0.440458143
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.010071576
wavelet-HHH	glrlm	GrayLevelVariance	12.71801291
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.010337398
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098491078
wavelet-HHH	glrlm	RunVariance	0.104440885
wavelet-HHH	glrlm	GrayLevelNonUniformity	21.14275851
wavelet-HHH	glrlm	LongRunEmphasis	1.295084215
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	237.1374335
wavelet-HHH	glrlm	RunLengthNonUniformity	182.7052341
wavelet-HHH	glrlm	ShortRunEmphasis	0.937938916
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	325.6671612
wavelet-HHH	glrlm	RunPercentage	0.917159763
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.011597216
wavelet-HHH	glrlm	RunEntropy	4.068384522
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	252.5648739
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.850516396
wavelet-HHH	glszm	GrayLevelVariance	23.63939968
wavelet-HHH	glszm	ZoneVariance	29.94537588
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.065711195
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.49540292
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wavelet-HHH	glszm	GrayLevelNonUniformity	5.651162791
wavelet-HHH	glszm	LargeAreaEmphasis	37.34883721
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.169185319
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	9318.616279
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	248.2906977
wavelet-HHH	glszm	SmallAreaEmphasis	0.729746019
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.019399292
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018089564
wavelet-HHH	ngtdm	Coarseness	0.028931264
wavelet-HHH	ngtdm	Complexity	508.3575486
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wavelet-HHH	ngtdm	Contrast	0.13567206
wavelet-HHH	ngtdm	Busyness	0.085054116
wavelet-HLL	gldm	GrayLevelVariance	73.8489298
wavelet-HLL	gldm	HighGrayLevelEmphasis	552.5982906
wavelet-HLL	gldm	DependenceEntropy	6.168128718
wavelet-HLL	gldm	DependenceNonUniformity	87.75213675
wavelet-HLL	gldm	GrayLevelNonUniformity	8.393162393
wavelet-HLL	gldm	SmallDependenceEmphasis	0.611431624
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	365.9147721
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.375009131
wavelet-HLL	gldm	LargeDependenceEmphasis	4.128205128
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018064256
wavelet-HLL	gldm	DependenceVariance	1.028197823
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1936.675214

wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007218356
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.008408915
wavelet-HLL	glcm	JointAverage	21.22103996
wavelet-HLL	glcm	SumAverage	42.44207993
wavelet-HLL	glcm	JointEntropy	7.851097409
wavelet-HLL	glcm	ClusterShade	618.09461
wavelet-HLL	glcm	MaximumProbability	0.013757269
wavelet-HLL	glcm	Idmn	0.952531505
wavelet-HLL	glcm	JointEnergy	0.004810187
wavelet-HLL	glcm	Contrast	117.4120276
wavelet-HLL	glcm	DifferenceEntropy	4.297496885
wavelet-HLL	glcm	InverseVariance	0.118876955
wavelet-HLL	glcm	DifferenceVariance	43.154219
wavelet-HLL	glcm	Idn	0.857362352
wavelet-HLL	glcm	Idm	0.117107059
wavelet-HLL	glcm	Correlation	0.15173082
wavelet-HLL	glcm	Autocorrelation	461.6534636
wavelet-HLL	glcm	SumEntropy	5.33193804
wavelet-HLL	glcm	SumSquares	69.92380695
wavelet-HLL	glcm	ClusterProminence	76235.94491
wavelet-HLL	glcm	Imc2	0.988738403
wavelet-HLL	glcm	Imc1	-0.390836938
wavelet-HLL	glcm	DifferenceAverage	8.416923412
wavelet-HLL	glcm	Id	0.203069007
wavelet-HLL	glcm	ClusterTendency	162.2832002
wavelet-HLL	firstorder	InterquartileRange	313.3856508
wavelet-HLL	firstorder	Skewness	0.259751618
wavelet-HLL	firstorder	Uniformity	0.035868215
wavelet-HLL	firstorder	Median	-52.21615765
wavelet-HLL	firstorder	Energy	11207422.38
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	127.4019002
wavelet-HLL	firstorder	MeanAbsoluteDeviation	175.8584287
wavelet-HLL	firstorder	TotalEnergy	302600404.2
wavelet-HLL	firstorder	Maximum	559.6747569
wavelet-HLL	firstorder	RootMeanSquared	218.8491888
wavelet-HLL	firstorder	90Percentile	286.8032216
wavelet-HLL	firstorder	Minimum	-573.1758574
wavelet-HLL	firstorder	Entropy	4.972230056
wavelet-HLL	firstorder	Range	1132.850614
wavelet-HLL	firstorder	Variance	46268.51356
wavelet-HLL	firstorder	10Percentile	-305.4516636
wavelet-HLL	firstorder	Kurtosis	2.566437376
wavelet-HLL	firstorder	Mean	-40.32931773
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008504363
wavelet-HLL	glrlm	GrayLevelVariance	74.88698739
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.008572019
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.035539332
wavelet-HLL	glrlm	RunVariance	0.034829874
wavelet-HLL	glrlm	GrayLevelNonUniformity	8.073520781
wavelet-HLL	glrlm	LongRunEmphasis	1.09778897
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	545.8237192
wavelet-HLL	glrlm	RunLengthNonUniformity	215.0133437
wavelet-HLL	glrlm	ShortRunEmphasis	0.978523236
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	600.9361962
wavelet-HLL	glrlm	RunPercentage	0.970742932
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.008869724
wavelet-HLL	glrlm	RunEntropy	5.097178175
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	555.5212494



wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.945737044
wavelet-HLL	glszm	GrayLevelVariance	86.89317542
wavelet-HLL	glszm	ZoneVariance	1.104972802
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032753366
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.597237761
wavelet-HLL	glszm	SizeZoneNonUniformity	96.1552795
wavelet-HLL	glszm	GrayLevelNonUniformity	5.273291925
wavelet-HLL	glszm	LargeAreaEmphasis	3.217391304
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	488.5686599
wavelet-HLL	glszm	ZonePercentage	0.688034188
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017951286
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1562.521739
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	590.7701863
wavelet-HLL	glszm	SmallAreaEmphasis	0.800542184
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.010800668
wavelet-HLL	glszm	ZoneEntropy	5.806510845
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010216616
wavelet-HLL	ngtdm	Coarseness	0.022921542
wavelet-HLL	ngtdm	Complexity	3622.845898
wavelet-HLL	ngtdm	Strength	11.64203527
wavelet-HLL	ngtdm	Contrast	0.619443594
wavelet-HLL	ngtdm	Busyness	0.067532397
wavelet-LHL	gldm	GrayLevelVariance	59.88823143
wavelet-LHL	gldm	HighGrayLevelEmphasis	530.4444444
wavelet-LHL	gldm	DependenceEntropy	6.069990096
wavelet-LHL	gldm	DependenceNonUniformity	77.76068376
wavelet-LHL	gldm	GrayLevelNonUniformity	9.675213675
wavelet-LHL	gldm	SmallDependenceEmphasis	0.538977848
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	271.956566
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.332310614
wavelet-LHL	gldm	LargeDependenceEmphasis	4.846153846
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.029485652
wavelet-LHL	gldm	DependenceVariance	1.180729053
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2497.504274
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009788719
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.012563551
wavelet-LHL	glcm	JointAverage	21.75979748
wavelet-LHL	glcm	SumAverage	43.51959497
wavelet-LHL	glcm	JointEntropy	7.760092494
wavelet-LHL	glcm	ClusterShade	-552.6253637
wavelet-LHL	glcm	MaximumProbability	0.014893975
wavelet-LHL	glcm	ldmn	0.955897745
wavelet-LHL	glcm	JointEnergy	0.005217668
wavelet-LHL	glcm	Contrast	78.82646829
wavelet-LHL	glcm	DifferenceEntropy	4.019563467
wavelet-LHL	glcm	InverseVariance	0.165854536
wavelet-LHL	glcm	DifferenceVariance	29.75309308
wavelet-LHL	glcm	ldn	0.863899476
wavelet-LHL	glcm	ldm	0.152753856
wavelet-LHL	glcm	Correlation	0.295694995
wavelet-LHL	glcm	Autocorrelation	489.3404143
wavelet-LHL	glcm	SumEntropy	5.250180621
wavelet-LHL	glcm	SumSquares	55.1281441
wavelet-LHL	glcm	ClusterProminence	53666.90167
wavelet-LHL	glcm	lmc2	0.983655069
wavelet-LHL	glcm	lmc1	-0.363530846
wavelet-LHL	glcm	DifferenceAverage	6.775888576
wavelet-LHL	glcm	ld	0.23956086

wavelet-LHL	glcm	ClusterTendency	141.6861081
wavelet-LHL	firstorder	InterquartileRange	279.1117162
wavelet-LHL	firstorder	Skewness	-0.47756453
wavelet-LHL	firstorder	Uniformity	0.041347067
wavelet-LHL	firstorder	Median	15.73082991
wavelet-LHL	firstorder	Energy	8850111.806
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	112.2522491
wavelet-LHL	firstorder	MeanAbsoluteDeviation	158.481048
wavelet-LHL	firstorder	TotalEnergy	238953018.8
wavelet-LHL	firstorder	Maximum	412.0442972
wavelet-LHL	firstorder	RootMeanSquared	194.4761955
wavelet-LHL	firstorder	90Percentile	217.0062357
wavelet-LHL	firstorder	Minimum	-528.1569257
wavelet-LHL	firstorder	Entropy	4.806328475
wavelet-LHL	firstorder	Range	940.201223
wavelet-LHL	firstorder	Variance	37414.63126
wavelet-LHL	firstorder	10Percentile	-267.1453079
wavelet-LHL	firstorder	Kurtosis	2.799730815
wavelet-LHL	firstorder	Mean	-20.15835715
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012712136
wavelet-LHL	glrlm	GrayLevelVariance	60.63492031
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.012844572
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.041019596
wavelet-LHL	glrlm	RunVariance	0.04064396
wavelet-LHL	glrlm	GrayLevelNonUniformity	9.261740666
wavelet-LHL	glrlm	LongRunEmphasis	1.115808974
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	516.1945285
wavelet-LHL	glrlm	RunLengthNonUniformity	210.9825228
wavelet-LHL	glrlm	ShortRunEmphasis	0.973949533
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	592.8923345
wavelet-LHL	glrlm	RunPercentage	0.964825773
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.013397852
wavelet-LHL	glrlm	RunEntropy	4.958712031
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	530.1335179
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.934034821
wavelet-LHL	glszm	GrayLevelVariance	72.17978395
wavelet-LHL	glszm	ZoneVariance	2.081597222
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038676698
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.531828704
wavelet-LHL	glszm	SizeZoneNonUniformity	76.58333333
wavelet-LHL	glszm	GrayLevelNonUniformity	5.569444444
wavelet-LHL	glszm	LargeAreaEmphasis	4.722222222
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	374.2719907
wavelet-LHL	glszm	ZonePercentage	0.615384615
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.031750587
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2507.708333
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	514.3472222
wavelet-LHL	glszm	SmallAreaEmphasis	0.756027574
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.017108434
wavelet-LHL	glszm	ZoneEntropy	5.712372422
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015171381
wavelet-LHL	ngtdm	Coarseness	0.026692147
wavelet-LHL	ngtdm	Complexity	2421.128255
wavelet-LHL	ngtdm	Strength	11.37293319
wavelet-LHL	ngtdm	Contrast	0.465784531
wavelet-LHL	ngtdm	Busyness	0.049618652
wavelet-LHH	gldm	GrayLevelVariance	25.89911608
wavelet-LHH	gldm	HighGrayLevelEmphasis	526.2051282

wavelet-LHH	gldm	DependenceEntropy	5.815226808
wavelet-LHH	gldm	DependenceNonUniformity	59.53846154
wavelet-LHH	gldm	GrayLevelNonUniformity	16.65811966
wavelet-LHH	gldm	SmallDependenceEmphasis	0.480246544
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	256.2947832
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.25443787
wavelet-LHH	gldm	LargeDependenceEmphasis	8.256410256
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021277506
wavelet-LHH	gldm	DependenceVariance	2.610709329
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4252.760684
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005695358
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.00675474
wavelet-LHH	glcm	JointAverage	22.45218262
wavelet-LHH	glcm	SumAverage	44.90436524
wavelet-LHH	glcm	JointEntropy	7.068823096
wavelet-LHH	glcm	ClusterShade	-21.20422116
wavelet-LHH	glcm	MaximumProbability	0.030557869
wavelet-LHH	glcm	Idmn	0.973023316
wavelet-LHH	glcm	JointEnergy	0.009776038
wavelet-LHH	glcm	Contrast	47.86837756
wavelet-LHH	glcm	DifferenceEntropy	3.641362747
wavelet-LHH	glcm	InverseVariance	0.226450285
wavelet-LHH	glcm	DifferenceVariance	23.13159021
wavelet-LHH	glcm	Idn	0.898071567
wavelet-LHH	glcm	Idm	0.214098884
wavelet-LHH	glcm	Correlation	-0.02734855
wavelet-LHH	glcm	Autocorrelation	503.2877801
wavelet-LHH	glcm	SumEntropy	4.437480881
wavelet-LHH	glcm	SumSquares	23.11305717
wavelet-LHH	glcm	ClusterProminence	12084.01198
wavelet-LHH	glcm	Imc2	0.939927796
wavelet-LHH	glcm	Imc1	-0.265680945
wavelet-LHH	glcm	DifferenceAverage	4.882111726
wavelet-LHH	glcm	Id	0.303067071
wavelet-LHH	glcm	ClusterTendency	44.58385111
wavelet-LHH	firstorder	InterquartileRange	124.6738911
wavelet-LHH	firstorder	Skewness	-0.144232273
wavelet-LHH	firstorder	Uniformity	0.071188546
wavelet-LHH	firstorder	Median	1.686895361
wavelet-LHH	firstorder	Energy	3754515.774
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	53.8274525
wavelet-LHH	firstorder	MeanAbsoluteDeviation	90.23637508
wavelet-LHH	firstorder	TotalEnergy	101371925.9
wavelet-LHH	firstorder	Maximum	414.5687893
wavelet-LHH	firstorder	RootMeanSquared	126.6686197
wavelet-LHH	firstorder	90Percentile	132.0534898
wavelet-LHH	firstorder	Minimum	-545.9841287
wavelet-LHH	firstorder	Entropy	4.194987541
wavelet-LHH	firstorder	Range	960.552918
wavelet-LHH	firstorder	Variance	16034.63486
wavelet-LHH	firstorder	10Percentile	-145.9888645
wavelet-LHH	firstorder	Kurtosis	5.386776653
wavelet-LHH	firstorder	Mean	-3.210038813
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.006946741
wavelet-LHH	glrlm	GrayLevelVariance	27.09586915
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.007022144
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.068026503
wavelet-LHH	glrlm	RunVariance	0.071766868

wavelet-LHH	glrlm	GrayLevelNonUniformity	15.08068131
wavelet-LHH	glrlm	LongRunEmphasis	1.188557305
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	507.6902218
wavelet-LHH	glrlm	RunLengthNonUniformity	201.4071309
wavelet-LHH	glrlm	ShortRunEmphasis	0.962747587
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	623.7201717
wavelet-LHH	glrlm	RunPercentage	0.947074293
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.007402465
wavelet-LHH	glrlm	RunEntropy	4.466397284
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	526.8800315
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.908029742
wavelet-LHH	glszm	GrayLevelVariance	44.09298576
wavelet-LHH	glszm	ZoneVariance	8.550658425
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04877721
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.583579683
wavelet-LHH	glszm	SizeZoneNonUniformity	71.19672131
wavelet-LHH	glszm	GrayLevelNonUniformity	5.950819672
wavelet-LHH	glszm	LargeAreaEmphasis	12.2295082
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	421.7407954
wavelet-LHH	glszm	ZonePercentage	0.521367521
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.033256355
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	6339.42623
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	534.6065574
wavelet-LHH	glszm	SmallAreaEmphasis	0.788207712
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.011091168
wavelet-LHH	glszm	ZoneEntropy	5.386926766
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.010652276
wavelet-LHH	ngtdm	Coarseness	0.030046516
wavelet-LHH	ngtdm	Complexity	1452.762544
wavelet-LHH	ngtdm	Strength	8.618520814
wavelet-LHH	ngtdm	Contrast	0.211289928
wavelet-LHH	ngtdm	Busyness	0.042397568
wavelet-LLH	gldm	GrayLevelVariance	50.69165023
wavelet-LLH	gldm	HighGrayLevelEmphasis	657.8717949
wavelet-LLH	gldm	DependenceEntropy	6.10933203
wavelet-LLH	gldm	DependenceNonUniformity	63.88034188
wavelet-LLH	gldm	GrayLevelNonUniformity	10.97435897
wavelet-LLH	gldm	SmallDependenceEmphasis	0.480582192
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	326.8138546
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.272992914
wavelet-LLH	gldm	LargeDependenceEmphasis	6.615384615
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.016903756
wavelet-LLH	gldm	DependenceVariance	1.790415662
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4147.145299
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005525668
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006534002
wavelet-LLH	glcm	JointAverage	24.6357019
wavelet-LLH	glcm	SumAverage	49.2714038
wavelet-LLH	glcm	JointEntropy	7.627030238
wavelet-LLH	glcm	ClusterShade	333.1760987
wavelet-LLH	glcm	MaximumProbability	0.018848194
wavelet-LLH	glcm	Idmn	0.964306353
wavelet-LLH	glcm	JointEnergy	0.005919537
wavelet-LLH	glcm	Contrast	80.06873455
wavelet-LLH	glcm	DifferenceEntropy	4.029056476
wavelet-LLH	glcm	InverseVariance	0.165949824
wavelet-LLH	glcm	DifferenceVariance	34.44071611
wavelet-LLH	glcm	Idn	0.880238627

wavelet-LLH	glcm	Idm	0.169530795
wavelet-LLH	glcm	Correlation	0.191065366
wavelet-LLH	glcm	Autocorrelation	616.676277
wavelet-LLH	glcm	SumEntropy	5.128934993
wavelet-LLH	glcm	SumSquares	49.78725691
wavelet-LLH	glcm	ClusterProminence	49806.83147
wavelet-LLH	glcm	Imc2	0.981974933
wavelet-LLH	glcm	Imc1	-0.360532675
wavelet-LLH	glcm	DifferenceAverage	6.610536351
wavelet-LLH	glcm	Id	0.256178786
wavelet-LLH	glcm	ClusterTendency	119.0802931
wavelet-LLH	firstorder	InterquartileRange	199.0302582
wavelet-LLH	firstorder	Skewness	0.010987105
wavelet-LLH	firstorder	Uniformity	0.04689897
wavelet-LLH	firstorder	Median	-46.66569301
wavelet-LLH	firstorder	Energy	7869503.066
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	87.01343978
wavelet-LLH	firstorder	MeanAbsoluteDeviation	135.0341939
wavelet-LLH	firstorder	TotalEnergy	212476582.8
wavelet-LLH	firstorder	Maximum	434.865131
wavelet-LLH	firstorder	RootMeanSquared	183.3858091
wavelet-LLH	firstorder	90Percentile	164.1290606
wavelet-LLH	firstorder	Minimum	-638.9201059
wavelet-LLH	firstorder	Entropy	4.693229714
wavelet-LLH	firstorder	Range	1073.785237
wavelet-LLH	firstorder	Variance	31414.55636
wavelet-LLH	firstorder	10Percentile	-279.6312915
wavelet-LLH	firstorder	Kurtosis	3.484185027
wavelet-LLH	firstorder	Mean	-47.07227019
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006693024
wavelet-LLH	glrlm	GrayLevelVariance	51.92383687
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.006759455
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.045856667
wavelet-LLH	glrlm	RunVariance	0.04937058
wavelet-LLH	glrlm	GrayLevelNonUniformity	10.23799921
wavelet-LLH	glrlm	LongRunEmphasis	1.14878101
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	636.8664301
wavelet-LLH	glrlm	RunLengthNonUniformity	203.4614788
wavelet-LLH	glrlm	ShortRunEmphasis	0.964740503
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	752.9680133
wavelet-LLH	glrlm	RunPercentage	0.953977646
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.007038425
wavelet-LLH	glrlm	RunEntropy	4.911406219
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	659.1597927
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.911131026
wavelet-LLH	glszm	GrayLevelVariance	69.56913933
wavelet-LLH	glszm	ZoneVariance	3.160421887
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037119049
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.4945516
wavelet-LLH	glszm	SizeZoneNonUniformity	64.78625954
wavelet-LLH	glszm	GrayLevelNonUniformity	4.86259542
wavelet-LLH	glszm	LargeAreaEmphasis	6.351145038
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	503.073465
wavelet-LLH	glszm	ZonePercentage	0.55982906
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.019717834
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4047.129771
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	674.5038168
wavelet-LLH	glszm	SmallAreaEmphasis	0.730810583

wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.010179556
wavelet-LLH	glszm	ZoneEntropy	5.822411865
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009619535
wavelet-LLH	ngtdm	Coarseness	0.026304183
wavelet-LLH	ngtdm	Complexity	2380.656078
wavelet-LLH	ngtdm	Strength	11.00423884
wavelet-LLH	ngtdm	Contrast	0.385422087
wavelet-LLH	ngtdm	Busyness	0.04469954
wavelet-LLL	gldm	GrayLevelVariance	587.9536854
wavelet-LLL	gldm	HighGrayLevelEmphasis	2264.051282
wavelet-LLL	gldm	DependenceEntropy	6.613662237
wavelet-LLL	gldm	DependenceNonUniformity	127.3675214
wavelet-LLL	gldm	GrayLevelNonUniformity	3.743589744
wavelet-LLL	gldm	SmallDependenceEmphasis	0.760921178
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1690.054606
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.544305647
wavelet-LLL	gldm	LargeDependenceEmphasis	2.222222222
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.04434395
wavelet-LLL	gldm	DependenceVariance	0.352107532
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5317.264957
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004550116
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.011990183
wavelet-LLL	glcm	JointAverage	46.51010587
wavelet-LLL	glcm	SumAverage	93.02021174
wavelet-LLL	glcm	JointEntropy	8.199525173
wavelet-LLL	glcm	ClusterShade	11655.68256
wavelet-LLL	glcm	MaximumProbability	0.00666833
wavelet-LLL	glcm	Idmn	0.942465231
wavelet-LLL	glcm	JointEnergy	0.003493731
wavelet-LLL	glcm	Contrast	586.1246901
wavelet-LLL	glcm	DifferenceEntropy	5.261824361
wavelet-LLL	glcm	InverseVariance	0.062413584
wavelet-LLL	glcm	DifferenceVariance	194.47481
wavelet-LLL	glcm	Idn	0.842485617
wavelet-LLL	glcm	Idm	0.059968527
wavelet-LLL	glcm	Correlation	0.536349098
wavelet-LLL	glcm	Autocorrelation	2504.242219
wavelet-LLL	glcm	SumEntropy	6.500570432
wavelet-LLL	glcm	SumSquares	631.8982146
wavelet-LLL	glcm	ClusterProminence	7827333.186
wavelet-LLL	glcm	Imc2	0.999864036
wavelet-LLL	glcm	Imc1	-0.669106964
wavelet-LLL	glcm	DifferenceAverage	19.17656396
wavelet-LLL	glcm	Id	0.120464195
wavelet-LLL	glcm	ClusterTendency	1941.468168
wavelet-LLL	firstorder	InterquartileRange	980.112943
wavelet-LLL	firstorder	Skewness	0.394593317
wavelet-LLL	firstorder	Uniformity	0.015998247
wavelet-LLL	firstorder	Median	-1085.352892
wavelet-LLL	firstorder	Energy	315491968.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	389.2482684
wavelet-LLL	firstorder	MeanAbsoluteDeviation	513.3607529
wavelet-LLL	firstorder	TotalEnergy	8518283145
wavelet-LLL	firstorder	Maximum	302.5502677
wavelet-LLL	firstorder	RootMeanSquared	1161.144382
wavelet-LLL	firstorder	90Percentile	-101.8951257
wavelet-LLL	firstorder	Minimum	-1989.214982
wavelet-LLL	firstorder	Entropy	6.157746413

wavelet-LLL	firstorder	Range	2291.765249
wavelet-LLL	firstorder	Variance	368245.9039
wavelet-LLL	firstorder	10Percentile	-1736.947942
wavelet-LLL	firstorder	Kurtosis	2.126736872
wavelet-LLL	firstorder	Mean	-989.9547318
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011445515
wavelet-LLL	glrlm	GrayLevelVariance	585.0740118
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.011753111
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015991755
wavelet-LLL	glrlm	RunVariance	0.014128347
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.689196312
wavelet-LLL	glrlm	LongRunEmphasis	1.043299454
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2234.607088
wavelet-LLL	glrlm	RunLengthNonUniformity	224.2162534
wavelet-LLL	glrlm	ShortRunEmphasis	0.989175136
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2367.72478
wavelet-LLL	glrlm	RunPercentage	0.985864563
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.012983495
wavelet-LLL	glrlm	RunEntropy	6.193559787
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2261.230626
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.971743305
wavelet-LLL	glszm	GrayLevelVariance	554.9739877
wavelet-LLL	glszm	ZoneVariance	0.256456584
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015942183
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.714900627
wavelet-LLL	glszm	SizeZoneNonUniformity	138.6907216
wavelet-LLL	glszm	GrayLevelNonUniformity	3.092783505
wavelet-LLL	glszm	LargeAreaEmphasis	1.711340206
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1930.278207
wavelet-LLL	glszm	ZonePercentage	0.829059829
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.027145207
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3985.350515
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2234.706186
wavelet-LLL	glszm	SmallAreaEmphasis	0.871026632
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.008403912
wavelet-LLL	glszm	ZoneEntropy	6.477213263
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004032382
wavelet-LLL	ngtdm	Coarseness	0.025021915
wavelet-LLL	ngtdm	Complexity	32760.63931
wavelet-LLL	ngtdm	Strength	84.66519978
wavelet-LLL	ngtdm	Contrast	1.83743279
wavelet-LLL	ngtdm	Busyness	0.016200667
wavelet-HHL	gldm	GrayLevelVariance	29.69064577
wavelet-HHL	gldm	HighGrayLevelEmphasis	208.9529915
wavelet-HHL	gldm	DependenceEntropy	5.838150055
wavelet-HHL	gldm	DependenceNonUniformity	68.12820513
wavelet-HHL	gldm	GrayLevelNonUniformity	14.44444444
wavelet-HHL	gldm	SmallDependenceEmphasis	0.510693257
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	126.6225867
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.291146176
wavelet-HHL	gldm	LargeDependenceEmphasis	5.735042735
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.058237016
wavelet-HHL	gldm	DependenceVariance	1.421433268
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	967.7051282
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016067412
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.020558798
wavelet-HHL	glcm	JointAverage	13.41325355
wavelet-HHL	glcm	SumAverage	26.8265071

wavelet-HHL	glcm	JointEntropy	7.377003207
wavelet-HHL	glcm	ClusterShade	118.1091075
wavelet-HHL	glcm	MaximumProbability	0.019983454
wavelet-HHL	glcm	Idmn	0.95320255
wavelet-HHL	glcm	JointEnergy	0.007259427
wavelet-HHL	glcm	Contrast	56.80885898
wavelet-HHL	glcm	DifferenceEntropy	3.8226111
wavelet-HHL	glcm	InverseVariance	0.18571406
wavelet-HHL	glcm	DifferenceVariance	22.55512497
wavelet-HHL	glcm	Idn	0.861202787
wavelet-HHL	glcm	Idm	0.175210093
wavelet-HHL	glcm	Correlation	0.002370523
wavelet-HHL	glcm	Autocorrelation	180.0321074
wavelet-HHL	glcm	SumEntropy	4.689683784
wavelet-HHL	glcm	SumSquares	28.50243951
wavelet-HHL	glcm	ClusterProminence	11369.41395
wavelet-HHL	glcm	Imc2	0.956463264
wavelet-HHL	glcm	Imc1	-0.289028043
wavelet-HHL	glcm	DifferenceAverage	5.717753841
wavelet-HHL	glcm	Id	0.265401153
wavelet-HHL	glcm	ClusterTendency	57.20089907
wavelet-HHL	firstorder	InterquartileRange	155.417377
wavelet-HHL	firstorder	Skewness	0.542593435
wavelet-HHL	firstorder	Uniformity	0.061728395
wavelet-HHL	firstorder	Median	-16.6727796
wavelet-HHL	firstorder	Energy	4362444.114
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	65.97371217
wavelet-HHL	firstorder	MeanAbsoluteDeviation	103.5898671
wavelet-HHL	firstorder	TotalEnergy	117785991.1
wavelet-HHL	firstorder	Maximum	467.3930616
wavelet-HHL	firstorder	RootMeanSquared	136.5390917
wavelet-HHL	firstorder	90Percentile	186.7653419
wavelet-HHL	firstorder	Minimum	-310.2082178
wavelet-HHL	firstorder	Entropy	4.351076815
wavelet-HHL	firstorder	Range	777.6012794
wavelet-HHL	firstorder	Variance	18635.67495
wavelet-HHL	firstorder	10Percentile	-159.9114746
wavelet-HHL	firstorder	Kurtosis	3.615229169
wavelet-HHL	firstorder	Mean	-2.692324193
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.020819472
wavelet-HHL	glrlm	GrayLevelVariance	30.5566123
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.021087493
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.060057038
wavelet-HHL	glrlm	RunVariance	0.044764229
wavelet-HHL	glrlm	GrayLevelNonUniformity	13.47282002
wavelet-HHL	glrlm	LongRunEmphasis	1.133959413
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	205.8635343
wavelet-HHL	glrlm	RunLengthNonUniformity	206.5520668
wavelet-HHL	glrlm	ShortRunEmphasis	0.968434114
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	232.780495
wavelet-HHL	glrlm	RunPercentage	0.958579882
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.022204442
wavelet-HHL	glrlm	RunEntropy	4.571611798
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	210.9768589
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.92034804
wavelet-HHL	glszm	GrayLevelVariance	42.49821583
wavelet-HHL	glszm	ZoneVariance	3.716046713
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.046064014



wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.539143599
wavelet-HHL	glszm	SizeZoneNonUniformity	73.32352941
wavelet-HHL	glszm	GrayLevelNonUniformity	6.264705882
wavelet-HHL	glszm	LargeAreaEmphasis	6.676470588
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	197.8224718
wavelet-HHL	glszm	ZonePercentage	0.581196581
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.072561612
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1128.992647
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	241.1838235
wavelet-HHL	glszm	SmallAreaEmphasis	0.762160502
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.02903747
wavelet-HHL	glszm	ZoneEntropy	5.551550827
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.026525435
wavelet-HHL	ngtdm	Coarseness	0.025584498
wavelet-HHL	ngtdm	Complexity	1431.207294
wavelet-HHL	ngtdm	Strength	6.837848866
wavelet-HHL	ngtdm	Contrast	0.290822547
wavelet-HHL	ngtdm	Busyness	0.101998031
wavelet-HLH	gldm	GrayLevelVariance	22.83665717
wavelet-HLH	gldm	HighGrayLevelEmphasis	577.7008547
wavelet-HLH	gldm	DependenceEntropy	5.827114359
wavelet-HLH	gldm	DependenceNonUniformity	51.64102564
wavelet-HLH	gldm	GrayLevelNonUniformity	18.99145299
wavelet-HLH	gldm	SmallDependenceEmphasis	0.395352214
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	227.6793947
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.220688144
wavelet-HLH	gldm	LargeDependenceEmphasis	10.61538462
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023640007
wavelet-HLH	gldm	DependenceVariance	3.274526992
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	6075.512821
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005253214
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006373106
wavelet-HLH	glcm	JointAverage	23.61508634
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wavelet-HLH	glcm	ClusterShade	-69.35163729
wavelet-HLH	glcm	MaximumProbability	0.039310065
wavelet-HLH	glcm	Idmn	0.974906981
wavelet-HLH	glcm	JointEnergy	0.012135963
wavelet-HLH	glcm	Contrast	42.1011355
wavelet-HLH	glcm	DifferenceEntropy	3.57383689
wavelet-HLH	glcm	InverseVariance	0.244162543
wavelet-HLH	glcm	DifferenceVariance	21.21224605
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wavelet-HLH	glcm	Idm	0.243171039
wavelet-HLH	glcm	Correlation	-0.007013536
wavelet-HLH	glcm	Autocorrelation	557.3711394
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wavelet-HLH	glcm	SumSquares	20.74205746
wavelet-HLH	glcm	ClusterProminence	11377.06914
wavelet-HLH	glcm	Imc2	0.929637768
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wavelet-HLH	glcm	DifferenceAverage	4.495212249
wavelet-HLH	glcm	Id	0.328782966
wavelet-HLH	glcm	ClusterTendency	40.86709436
wavelet-HLH	firstorder	InterquartileRange	109.8256677
wavelet-HLH	firstorder	Skewness	-0.281641875
wavelet-HLH	firstorder	Uniformity	0.081160056

wavelet-HLH	firstorder	Median	-2.488134727
wavelet-HLH	firstorder	Energy	3295499.437
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	48.33194323
wavelet-HLH	firstorder	MeanAbsoluteDeviation	82.84978145
wavelet-HLH	firstorder	TotalEnergy	88978484.79
wavelet-HLH	firstorder	Maximum	370.5857604
wavelet-HLH	firstorder	RootMeanSquared	118.6732107
wavelet-HLH	firstorder	90Percentile	147.3717081
wavelet-HLH	firstorder	Minimum	-555.2990456
wavelet-HLH	firstorder	Entropy	4.048090373
wavelet-HLH	firstorder	Range	925.884806
wavelet-HLH	firstorder	Variance	14079.75557
wavelet-HLH	firstorder	10Percentile	-130.4203198
wavelet-HLH	firstorder	Kurtosis	5.924274689
wavelet-HLH	firstorder	Mean	1.890861363
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006606314
wavelet-HLH	glrlm	GrayLevelVariance	24.04552928
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006695986
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.076677345
wavelet-HLH	glrlm	RunVariance	0.078820045
wavelet-HLH	glrlm	GrayLevelNonUniformity	16.76479718
wavelet-HLH	glrlm	LongRunEmphasis	1.225778972
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	549.5416417
wavelet-HLH	glrlm	RunLengthNonUniformity	192.2658123
wavelet-HLH	glrlm	ShortRunEmphasis	0.9506853
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	707.9866061
wavelet-HLH	glrlm	RunPercentage	0.93425378
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.00710328
wavelet-HLH	glrlm	RunEntropy	4.383565114
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	577.8593436
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.878912261
wavelet-HLH	glszm	GrayLevelVariance	40.2492284
wavelet-HLH	glszm	ZoneVariance	12.71296296
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.051954733
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.453703704
wavelet-HLH	glszm	SizeZoneNonUniformity	49
wavelet-HLH	glszm	GrayLevelNonUniformity	5.611111111
wavelet-HLH	glszm	LargeAreaEmphasis	17.40740741
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	400.4141863
wavelet-HLH	glszm	ZonePercentage	0.461538462
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.041008329
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	9919.62963
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	578.2314815
wavelet-HLH	glszm	SmallAreaEmphasis	0.695860699
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.01166887
wavelet-HLH	glszm	ZoneEntropy	5.481138544
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.011077629
wavelet-HLH	ngtdm	Coarseness	0.029947686
wavelet-HLH	ngtdm	Complexity	1070.09102
wavelet-HLH	ngtdm	Strength	7.358362273
wavelet-HLH	ngtdm	Contrast	0.226860011
wavelet-HLH	ngtdm	Busyness	0.047740703

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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	208
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original	shape	SurfaceVolumeRatio	0.325004409
original	shape	Volume	5616
original	shape	MajorAxis	25.87114951
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original	shape	Flatness	0.580279751
original	shape	LeastAxis	15.01250419
original	shape	Maximum2DDiameterColumn	22.84731932
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original	gldm	GrayLevelVariance	40.09982896
original	gldm	HighGrayLevelEmphasis	482.5144231
original	gldm	DependenceEntropy	5.933374428
original	gldm	DependenceNonUniformity	30.21153846
original	gldm	GrayLevelNonUniformity	25.51923077
original	gldm	SmallDependenceEmphasis	0.351567988
original	gldm	SmallDependenceHighGrayLevelEmphasis	111.6162256
original	gldm	DependenceNonUniformityNormalized	0.145247781
original	gldm	LargeDependenceEmphasis	37.81730769
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original	gldm	DependenceVariance	17.99768861
original	gldm	LargeDependenceHighGrayLevelEmphasis	23220.34135
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original	glcm	JointAverage	22.0027579
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original	firstorder	Uniformity	0.122688609
original	firstorder	Median	17
original	firstorder	Energy	5992986
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original	firstorder	MeanAbsoluteDeviation	124.9522929
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original	glrlm	RunVariance	0.227740216
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original	glrlm	LongRunEmphasis	1.560280328
original	glrlm	ShortRunHighGrayLevelEmphasis	407.8339461
original	glrlm	RunLengthNonUniformity	142.3083301
original	glrlm	ShortRunEmphasis	0.907533687
original	glrlm	LongRunHighGrayLevelEmphasis	804.8880582
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original	glrlm	RunEntropy	4.465469984
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original	glrlm	RunLengthNonUniformityNormalized	0.788074968
original	glszm	GrayLevelVariance	54.0475
original	glszm	ZoneVariance	49.265
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original	glszm	SizeZoneNonUniformityNormalized	0.571875
original	glszm	SizeZoneNonUniformity	45.75

original	glszm	GrayLevelNonUniformity	3.875
original	glszm	LargeAreaEmphasis	56.025
original	glszm	SmallAreaHighGrayLevelEmphasis	221.3864431
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original	glszm	LargeAreaHighGrayLevelEmphasis	34184.0625
original	glszm	HighGrayLevelZoneEmphasis	324.65
original	glszm	SmallAreaEmphasis	0.781265744
original	glszm	LowGrayLevelZoneEmphasis	0.025363901
original	glszm	ZoneEntropy	5.166882745
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022500165
original	ngtdm	Coarseness	0.019455317
original	ngtdm	Complexity	1113.60645
original	ngtdm	Strength	11.94321305
original	ngtdm	Contrast	0.354020814
original	ngtdm	Busyness	0.060654962
wavelet-HHH	gldm	GrayLevelVariance	6.644138314
wavelet-HHH	gldm	HighGrayLevelEmphasis	66.55769231
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wavelet-HHH	gldm	DependenceNonUniformity	32.57692308
wavelet-HHH	gldm	GrayLevelNonUniformity	26.02884615
wavelet-HHH	gldm	SmallDependenceEmphasis	0.308870893
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	22.79989637
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.156619822
wavelet-HHH	gldm	LargeDependenceEmphasis	17.72115385
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.360284512
wavelet-HHH	gldm	DependenceVariance	5.538369083
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1030.807692
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016734545
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.032769134
wavelet-HHH	glcm	JointAverage	7.653387112
wavelet-HHH	glcm	SumAverage	15.30677422
wavelet-HHH	glcm	JointEntropy	6.0481745
wavelet-HHH	glcm	ClusterShade	7.493592789
wavelet-HHH	glcm	MaximumProbability	0.063531281
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wavelet-HHH	glcm	JointEnergy	0.022223885
wavelet-HHH	glcm	Contrast	12.46306017
wavelet-HHH	glcm	DifferenceEntropy	2.914268959
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wavelet-HHH	glcm	Correlation	-0.029179653
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wavelet-HHH	glcm	ClusterProminence	565.0080914
wavelet-HHH	glcm	lmc2	0.78418557
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wavelet-HHH	glcm	DifferenceAverage	2.648004601
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wavelet-HHH	glcm	ClusterTendency	11.70176632
wavelet-HHH	firstorder	InterquartileRange	72.70266084
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wavelet-HHH	firstorder	Uniformity	0.125138683

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wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	31.27137267
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wavelet-HHH	firstorder	TotalEnergy	23135263.65
wavelet-HHH	firstorder	Maximum	183.8217886
wavelet-HHH	firstorder	RootMeanSquared	64.18354154
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wavelet-HHH	firstorder	Minimum	-173.1935348
wavelet-HHH	firstorder	Entropy	3.336219577
wavelet-HHH	firstorder	Range	357.0153234
wavelet-HHH	firstorder	Variance	4078.634241
wavelet-HHH	firstorder	10Percentile	-68.87861948
wavelet-HHH	firstorder	Kurtosis	3.243697257
wavelet-HHH	firstorder	Mean	6.394744948
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.032598206
wavelet-HHH	grlm	GrayLevelVariance	7.110568183
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.034068036
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.116323789
wavelet-HHH	grlm	RunVariance	0.122759047
wavelet-HHH	grlm	GrayLevelNonUniformity	21.88341844
wavelet-HHH	grlm	LongRunEmphasis	1.347525819
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	63.02513847
wavelet-HHH	grlm	RunLengthNonUniformity	156.2425324
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wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	88.01519234
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wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.041211966
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wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03546011
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011557673
wavelet-HLL	glcm	JointAverage	18.80594321
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wavelet-HLL	glcm	MaximumProbability	0.019419715
wavelet-HLL	glcm	Idmn	0.971864244
wavelet-HLL	glcm	JointEnergy	0.007041108
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wavelet-HLL	glcm	InverseVariance	0.202430995
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wavelet-HLL	glcm	Idn	0.902322606
wavelet-HLL	glcm	Idm	0.187311829
wavelet-HLL	glcm	Correlation	0.382460993
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wavelet-HLL	glcm	ClusterProminence	350023.3063
wavelet-HLL	glcm	Imc2	0.992275942
wavelet-HLL	glcm	Imc1	-0.445910384
wavelet-HLL	glcm	DifferenceAverage	6.815279954
wavelet-HLL	glcm	Id	0.27195975
wavelet-HLL	glcm	ClusterTendency	256.5070522
wavelet-HLL	firstorder	InterquartileRange	186.9403444
wavelet-HLL	firstorder	Skewness	1.307931293
wavelet-HLL	firstorder	Uniformity	0.046967456
wavelet-HLL	firstorder	Median	-52.75260713
wavelet-HLL	firstorder	Energy	13632881.74
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	102.5187632
wavelet-HLL	firstorder	MeanAbsoluteDeviation	184.4627607
wavelet-HLL	firstorder	TotalEnergy	368087807
wavelet-HLL	firstorder	Maximum	906.1440382
wavelet-HLL	firstorder	RootMeanSquared	256.0130869
wavelet-HLL	firstorder	90Percentile	377.9834524
wavelet-HLL	firstorder	Minimum	-458.0319642
wavelet-HLL	firstorder	Entropy	4.833344751
wavelet-HLL	firstorder	Range	1364.176002
wavelet-HLL	firstorder	Variance	65489.54522
wavelet-HLL	firstorder	10Percentile	-230.1895119
wavelet-HLL	firstorder	Kurtosis	4.509745113
wavelet-HLL	firstorder	Mean	7.29077922
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011703116
wavelet-HLL	glrlm	GrayLevelVariance	107.6210738
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011878477
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046063474
wavelet-HLL	glrlm	RunVariance	0.05969906

wavelet-HLL	glrlm	GrayLevelNonUniformity	9.13886258
wavelet-HLL	glrlm	LongRunEmphasis	1.16295533
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	492.258871
wavelet-HLL	glrlm	RunLengthNonUniformity	182.2646397
wavelet-HLL	glrlm	ShortRunEmphasis	0.9663057
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	558.6708473
wavelet-HLL	glrlm	RunPercentage	0.953772189
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012699922
wavelet-HLL	glrlm	RunEntropy	5.035513522
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	504.0297965
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.917001724
wavelet-HLL	glszm	GrayLevelVariance	151.151706
wavelet-HLL	glszm	ZoneVariance	3.533163265
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035235969
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.459024235
wavelet-HLL	glszm	SizeZoneNonUniformity	51.41071429
wavelet-HLL	glszm	GrayLevelNonUniformity	3.946428571
wavelet-HLL	glszm	LargeAreaEmphasis	6.982142857
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	530.1732407
wavelet-HLL	glszm	ZonePercentage	0.538461538
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.043375477
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2534.589286
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	635.5446429
wavelet-HLL	glszm	SmallAreaEmphasis	0.69929006
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.016649018
wavelet-HLL	glszm	ZoneEntropy	6.052859445
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014305703
wavelet-HLL	ngtdm	Coarseness	0.038675742
wavelet-HLL	ngtdm	Complexity	3965.247714
wavelet-HLL	ngtdm	Strength	34.65734012
wavelet-HLL	ngtdm	Contrast	0.474060657
wavelet-HLL	ngtdm	Busyness	0.030865749
wavelet-LHL	gldm	GrayLevelVariance	67.37978458
wavelet-LHL	gldm	HighGrayLevelEmphasis	356.2163462
wavelet-LHL	gldm	DependenceEntropy	6.078462075
wavelet-LHL	gldm	DependenceNonUniformity	52.48076923
wavelet-LHL	gldm	GrayLevelNonUniformity	11.08653846
wavelet-LHL	gldm	SmallDependenceEmphasis	0.459737936
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	210.4222469
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.252311391
wavelet-LHL	gldm	LargeDependenceEmphasis	9.038461538
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.059584447
wavelet-LHL	gldm	DependenceVariance	3.120469675
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2395.591346
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007982863
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011734607
wavelet-LHL	glcm	JointAverage	16.12479394
wavelet-LHL	glcm	SumAverage	32.24958789
wavelet-LHL	glcm	JointEntropy	7.324339236
wavelet-LHL	glcm	ClusterShade	2728.91908
wavelet-LHL	glcm	MaximumProbability	0.026778608
wavelet-LHL	glcm	ldmn	0.968927947
wavelet-LHL	glcm	JointEnergy	0.007777678
wavelet-LHL	glcm	Contrast	92.46783851
wavelet-LHL	glcm	DifferenceEntropy	3.988343888
wavelet-LHL	glcm	InverseVariance	0.199289068



wavelet-LHL	glcm	DifferenceVariance	46.75726702
wavelet-LHL	glcm	Idn	0.89619328
wavelet-LHL	glcm	Idm	0.198654813
wavelet-LHL	glcm	Correlation	0.173265879
wavelet-LHL	glcm	Autocorrelation	270.9840374
wavelet-LHL	glcm	SumEntropy	4.885684597
wavelet-LHL	glcm	SumSquares	57.13486732
wavelet-LHL	glcm	ClusterProminence	150999.681
wavelet-LHL	glcm	Imc2	0.981823347
wavelet-LHL	glcm	Imc1	-0.37295428
wavelet-LHL	glcm	DifferenceAverage	6.521621269
wavelet-LHL	glcm	Id	0.281698412
wavelet-LHL	glcm	ClusterTendency	136.0716308
wavelet-LHL	firstorder	InterquartileRange	169.4141992
wavelet-LHL	firstorder	Skewness	1.428399311
wavelet-LHL	firstorder	Uniformity	0.053300666
wavelet-LHL	firstorder	Median	-17.55496481
wavelet-LHL	firstorder	Energy	8809012.147
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	80.7572797
wavelet-LHL	firstorder	MeanAbsoluteDeviation	143.1784481
wavelet-LHL	firstorder	TotalEnergy	237843328
wavelet-LHL	firstorder	Maximum	836.0426382
wavelet-LHL	firstorder	RootMeanSquared	205.7936344
wavelet-LHL	firstorder	90Percentile	273.3133132
wavelet-LHL	firstorder	Minimum	-378.8256278
wavelet-LHL	firstorder	Entropy	4.627415884
wavelet-LHL	firstorder	Range	1214.868266
wavelet-LHL	firstorder	Variance	42203.46168
wavelet-LHL	firstorder	10Percentile	-201.001593
wavelet-LHL	firstorder	Kurtosis	5.870145537
wavelet-LHL	firstorder	Mean	12.14735618
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011764606
wavelet-LHL	glrlm	GrayLevelVariance	69.88297647
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.012037853
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.051070666
wavelet-LHL	glrlm	RunVariance	0.066737415
wavelet-LHL	glrlm	GrayLevelNonUniformity	10.03836345
wavelet-LHL	glrlm	LongRunEmphasis	1.188468924
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	351.7587057
wavelet-LHL	glrlm	RunLengthNonUniformity	176.9079613
wavelet-LHL	glrlm	ShortRunEmphasis	0.959309211
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	409.8254159
wavelet-LHL	glrlm	RunPercentage	0.94489645
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.013261526
wavelet-LHL	glrlm	RunEntropy	4.889247126
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	362.1976951
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.899358177
wavelet-LHL	glszm	GrayLevelVariance	99.9433299
wavelet-LHL	glszm	ZoneVariance	5.772290809
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037208505
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.511831276
wavelet-LHL	glszm	SizeZoneNonUniformity	55.27777778
wavelet-LHL	glszm	GrayLevelNonUniformity	4.018518519
wavelet-LHL	glszm	LargeAreaEmphasis	9.481481481
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	364.7453778
wavelet-LHL	glszm	ZonePercentage	0.519230769

wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.064574843
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2473.657407
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	445.9722222
wavelet-LHL	glszm	SmallAreaEmphasis	0.742814562
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016438289
wavelet-LHL	glszm	ZoneEntropy	5.715251623
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014441353
wavelet-LHL	ngtdm	Coarseness	0.030198078
wavelet-LHL	ngtdm	Complexity	3172.928302
wavelet-LHL	ngtdm	Strength	19.54173267
wavelet-LHL	ngtdm	Contrast	0.478985504
wavelet-LHL	ngtdm	Busyness	0.056957376
wavelet-LHH	gldm	GrayLevelVariance	23.52071006
wavelet-LHH	gldm	HighGrayLevelEmphasis	257.8461538
wavelet-LHH	gldm	DependenceEntropy	5.86321657
wavelet-LHH	gldm	DependenceNonUniformity	48.22115385
wavelet-LHH	gldm	GrayLevelNonUniformity	16.18269231
wavelet-LHH	gldm	SmallDependenceEmphasis	0.430572908
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	117.7160664
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.23183247
wavelet-LHH	gldm	LargeDependenceEmphasis	9.932692308
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.087163944
wavelet-LHH	gldm	DependenceVariance	3.292159763
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2355.817308
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00762879
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.017632775
wavelet-LHH	glcm	JointAverage	15.31629233
wavelet-LHH	glcm	SumAverage	30.63258465
wavelet-LHH	glcm	JointEntropy	6.953435227
wavelet-LHH	glcm	ClusterShade	-122.8768046
wavelet-LHH	glcm	MaximumProbability	0.040344283
wavelet-LHH	glcm	ldmn	0.955974821
wavelet-LHH	glcm	JointEnergy	0.011211307
wavelet-LHH	glcm	Contrast	44.67057725
wavelet-LHH	glcm	DifferenceEntropy	3.647927086
wavelet-LHH	glcm	InverseVariance	0.22760527
wavelet-LHH	glcm	DifferenceVariance	20.48578453
wavelet-LHH	glcm	ldn	0.870955667
wavelet-LHH	glcm	ldm	0.224269998
wavelet-LHH	glcm	Correlation	-0.008434118
wavelet-LHH	glcm	Autocorrelation	234.3764013
wavelet-LHH	glcm	SumEntropy	4.449539359
wavelet-LHH	glcm	SumSquares	22.08545599
wavelet-LHH	glcm	ClusterProminence	8520.339789
wavelet-LHH	glcm	lmc2	0.948781249
wavelet-LHH	glcm	lmc1	-0.285445824
wavelet-LHH	glcm	DifferenceAverage	4.833183814
wavelet-LHH	glcm	ld	0.310821986
wavelet-LHH	glcm	ClusterTendency	43.67124671
wavelet-LHH	firstorder	InterquartileRange	118.8906834
wavelet-LHH	firstorder	Skewness	-0.211173701
wavelet-LHH	firstorder	Uniformity	0.077801405
wavelet-LHH	firstorder	Median	-4.651809989
wavelet-LHH	firstorder	Energy	3049749.269
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	50.26669984
wavelet-LHH	firstorder	MeanAbsoluteDeviation	86.61855051

wavelet-LHH	firstorder	TotalEnergy	82343230.26
wavelet-LHH	firstorder	Maximum	342.6791299
wavelet-LHH	firstorder	RootMeanSquared	121.0878033
wavelet-LHH	firstorder	90Percentile	145.353494
wavelet-LHH	firstorder	Minimum	-372.3920593
wavelet-LHH	firstorder	Entropy	4.133489869
wavelet-LHH	firstorder	Range	715.0711892
wavelet-LHH	firstorder	Variance	14640.10288
wavelet-LHH	firstorder	10Percentile	-141.6622447
wavelet-LHH	firstorder	Kurtosis	4.047389222
wavelet-LHH	firstorder	Mean	-4.706720659
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.017543658
wavelet-LHH	grlm	GrayLevelVariance	24.61893944
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.018063122
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.073248444
wavelet-LHH	grlm	RunVariance	0.073789386
wavelet-LHH	grlm	GrayLevelNonUniformity	14.31388095
wavelet-LHH	grlm	LongRunEmphasis	1.208865627
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	248.3462487
wavelet-LHH	grlm	RunLengthNonUniformity	174.1447459
wavelet-LHH	grlm	ShortRunEmphasis	0.955286702
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	308.7792928
wavelet-LHH	grlm	RunPercentage	0.939349112
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.020278867
wavelet-LHH	grlm	RunEntropy	4.43892696
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	259.0837485
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.890428279
wavelet-LHH	glszm	GrayLevelVariance	37.81977566
wavelet-LHH	glszm	ZoneVariance	11.47535112
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.0506174
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.487604864
wavelet-LHH	glszm	SizeZoneNonUniformity	50.22330097
wavelet-LHH	glszm	GrayLevelNonUniformity	5.213592233
wavelet-LHH	glszm	LargeAreaEmphasis	15.55339806
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	200.314398
wavelet-LHH	glszm	ZonePercentage	0.495192308
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.115065079
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3685.165049
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	270.4563107
wavelet-LHH	glszm	SmallAreaEmphasis	0.725218339
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.021047123
wavelet-LHH	glszm	ZoneEntropy	5.516563697
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012265879
wavelet-LHH	ngtdm	Coarseness	0.032907952
wavelet-LHH	ngtdm	Complexity	1112.624644
wavelet-LHH	ngtdm	Strength	7.1431161
wavelet-LHH	ngtdm	Contrast	0.211713509
wavelet-LHH	ngtdm	Busyness	0.059565938
wavelet-LLH	gldm	GrayLevelVariance	101.5541559
wavelet-LLH	gldm	HighGrayLevelEmphasis	459.0913462
wavelet-LLH	gldm	DependenceEntropy	5.966844108
wavelet-LLH	gldm	DependenceNonUniformity	60.76923077
wavelet-LLH	gldm	GrayLevelNonUniformity	11.46153846
wavelet-LLH	gldm	SmallDependenceEmphasis	0.515632972
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	288.1652553
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.292159763

wavelet-LLH	gldm	LargeDependenceEmphasis	6.798076923
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.034285722
wavelet-LLH	gldm	DependenceVariance	2.117511095
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2326.639423
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008720292
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010893342
wavelet-LLH	glcm	JointAverage	18.04753479
wavelet-LLH	glcm	SumAverage	36.09506957
wavelet-LLH	glcm	JointEntropy	7.432496587
wavelet-LLH	glcm	ClusterShade	5478.502212
wavelet-LLH	glcm	MaximumProbability	0.024500733
wavelet-LLH	glcm	ldmn	0.961327046
wavelet-LLH	glcm	JointEnergy	0.007085808
wavelet-LLH	glcm	Contrast	131.8491376
wavelet-LLH	glcm	DifferenceEntropy	4.162370159
wavelet-LLH	glcm	InverseVariance	0.154273269
wavelet-LLH	glcm	DifferenceVariance	60.46624275
wavelet-LLH	glcm	ldn	0.881867838
wavelet-LLH	glcm	ldm	0.157448545
wavelet-LLH	glcm	Correlation	0.220876038
wavelet-LLH	glcm	Autocorrelation	346.940538
wavelet-LLH	glcm	SumEntropy	5.097810828
wavelet-LLH	glcm	SumSquares	87.07094976
wavelet-LLH	glcm	ClusterProminence	332196.8973
wavelet-LLH	glcm	lmc2	0.983978062
wavelet-LLH	glcm	lmc1	-0.378907196
wavelet-LLH	glcm	DifferenceAverage	8.01709265
wavelet-LLH	glcm	ld	0.241160537
wavelet-LLH	glcm	ClusterTendency	216.4346615
wavelet-LLH	firstorder	InterquartileRange	189.7956511
wavelet-LLH	firstorder	Skewness	1.658712423
wavelet-LLH	firstorder	Uniformity	0.05510355
wavelet-LLH	firstorder	Median	-17.09226256
wavelet-LLH	firstorder	Energy	13424270.23
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	85.51850513
wavelet-LLH	firstorder	MeanAbsoluteDeviation	172.5840059
wavelet-LLH	firstorder	TotalEnergy	362455296.3
wavelet-LLH	firstorder	Maximum	890.3168997
wavelet-LLH	firstorder	RootMeanSquared	254.0467688
wavelet-LLH	firstorder	90Percentile	314.6707781
wavelet-LLH	firstorder	Minimum	-403.924559
wavelet-LLH	firstorder	Entropy	4.63696564
wavelet-LLH	firstorder	Range	1294.241459
wavelet-LLH	firstorder	Variance	63293.14023
wavelet-LLH	firstorder	10Percentile	-191.1914145
wavelet-LLH	firstorder	Kurtosis	5.756849
wavelet-LLH	firstorder	Mean	35.30751331
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011068334
wavelet-LLH	glrlm	GrayLevelVariance	104.4497452
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011211012
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.052578773
wavelet-LLH	glrlm	RunVariance	0.05250938
wavelet-LLH	glrlm	GrayLevelNonUniformity	10.45324408
wavelet-LLH	glrlm	LongRunEmphasis	1.151259333
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	453.6273845
wavelet-LLH	glrlm	RunLengthNonUniformity	182.5288467

wavelet-LLH	glrlm	ShortRunEmphasis	0.966639448
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	515.3499361
wavelet-LLH	glrlm	RunPercentage	0.955251479
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.011848378
wavelet-LLH	glrlm	RunEntropy	4.859189737
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	464.9698488
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.917269029
wavelet-LLH	glszm	GrayLevelVariance	133.9382643
wavelet-LLH	glszm	ZoneVariance	2.554960672
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037609888
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.528455285
wavelet-LLH	glszm	SizeZoneNonUniformity	65
wavelet-LLH	glszm	GrayLevelNonUniformity	4.62601626
wavelet-LLH	glszm	LargeAreaEmphasis	5.414634146
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	442.0125729
wavelet-LLH	glszm	ZonePercentage	0.591346154
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.03331453
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2024.056911
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	529.398374
wavelet-LLH	glszm	SmallAreaEmphasis	0.754573714
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015400707
wavelet-LLH	glszm	ZoneEntropy	5.771073022
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014224211
wavelet-LLH	ngtdm	Coarseness	0.024102157
wavelet-LLH	ngtdm	Complexity	4381.407567
wavelet-LLH	ngtdm	Strength	23.61288227
wavelet-LLH	ngtdm	Contrast	0.791847828
wavelet-LLH	ngtdm	Busyness	0.060681871
wavelet-LLL	gldm	GrayLevelVariance	324.7181722
wavelet-LLL	gldm	HighGrayLevelEmphasis	3096.639423
wavelet-LLL	gldm	DependenceEntropy	6.425250009
wavelet-LLL	gldm	DependenceNonUniformity	73.79807692
wavelet-LLL	gldm	GrayLevelNonUniformity	6.192307692
wavelet-LLL	gldm	SmallDependenceEmphasis	0.591498397
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1458.911553
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.354798447
wavelet-LLL	gldm	LargeDependenceEmphasis	4.461538462
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.00737367
wavelet-LLL	gldm	DependenceVariance	1.123890533
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	17874.02404
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005422793
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005723931
wavelet-LLL	glcm	JointAverage	56.08981881
wavelet-LLL	glcm	SumAverage	112.1796376
wavelet-LLL	glcm	JointEntropy	7.726697509
wavelet-LLL	glcm	ClusterShade	-22361.26328
wavelet-LLL	glcm	MaximumProbability	0.016016473
wavelet-LLL	glcm	ldmn	0.956209931
wavelet-LLL	glcm	JointEnergy	0.005417266
wavelet-LLL	glcm	Contrast	301.5544918
wavelet-LLL	glcm	DifferenceEntropy	4.739053628
wavelet-LLL	glcm	InverseVariance	0.135572134
wavelet-LLL	glcm	DifferenceVariance	144.2017421
wavelet-LLL	glcm	ldn	0.875699058
wavelet-LLL	glcm	ldm	0.128743124
wavelet-LLL	glcm	Correlation	0.432862949

wavelet-LLL	glcm	Autocorrelation	3267.328473
wavelet-LLL	glcm	SumEntropy	5.78134259
wavelet-LLL	glcm	SumSquares	271.4336375
wavelet-LLL	glcm	ClusterProminence	2037566.986
wavelet-LLL	glcm	Imc2	0.998515317
wavelet-LLL	glcm	Imc1	-0.548742196
wavelet-LLL	glcm	DifferenceAverage	12.27017117
wavelet-LLL	glcm	Id	0.202260059
wavelet-LLL	glcm	ClusterTendency	784.1800583
wavelet-LLL	firstorder	InterquartileRange	673.4706024
wavelet-LLL	firstorder	Skewness	-0.870675386
wavelet-LLL	firstorder	Uniformity	0.02977071
wavelet-LLL	firstorder	Median	-89.2574876
wavelet-LLL	firstorder	Energy	54739696.79
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	288.6353506
wavelet-LLL	firstorder	MeanAbsoluteDeviation	381.2302317
wavelet-LLL	firstorder	TotalEnergy	1477971813
wavelet-LLL	firstorder	Maximum	334.9809715
wavelet-LLL	firstorder	RootMeanSquared	513.0025528
wavelet-LLL	firstorder	90Percentile	184.410444
wavelet-LLL	firstorder	Minimum	-1549.941591
wavelet-LLL	firstorder	Entropy	5.514544502
wavelet-LLL	firstorder	Range	1884.922563
wavelet-LLL	firstorder	Variance	202912.8246
wavelet-LLL	firstorder	10Percentile	-979.5607699
wavelet-LLL	firstorder	Kurtosis	2.674294441
wavelet-LLL	firstorder	Mean	-245.4766681
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005880903
wavelet-LLL	glrlm	GrayLevelVariance	326.3673526
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005894909
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.028795593
wavelet-LLL	glrlm	RunVariance	0.033339082
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.80013382
wavelet-LLL	glrlm	LongRunEmphasis	1.1010804
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2959.809975
wavelet-LLL	glrlm	RunLengthNonUniformity	188.9513727
wavelet-LLL	glrlm	ShortRunEmphasis	0.975624875
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3483.683312
wavelet-LLL	glrlm	RunPercentage	0.968195266
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005951661
wavelet-LLL	glrlm	RunEntropy	5.656111613
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3061.075625
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.937775155
wavelet-LLL	glszm	GrayLevelVariance	323.8913101
wavelet-LLL	glszm	ZoneVariance	1.548937077
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.020938782
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.595183547
wavelet-LLL	glszm	SizeZoneNonUniformity	81.54014599
wavelet-LLL	glszm	GrayLevelNonUniformity	2.868613139
wavelet-LLL	glszm	LargeAreaEmphasis	3.854014599
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1821.717271
wavelet-LLL	glszm	ZonePercentage	0.658653846
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009672938
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	14813.0438
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2588.817518
wavelet-LLL	glszm	SmallAreaEmphasis	0.797887267

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00835607
wavelet-LLL	glszm	ZoneEntropy	6.203372046
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008156018
wavelet-LLL	ngtdm	Coarseness	0.024608256
wavelet-LLL	ngtdm	Complexity	14917.03371
wavelet-LLL	ngtdm	Strength	57.34405107
wavelet-LLL	ngtdm	Contrast	1.391193201
wavelet-LLL	ngtdm	Busyness	0.010558196
wavelet-HHL	gldm	GrayLevelVariance	9.956337833
wavelet-HHL	gldm	HighGrayLevelEmphasis	118.6971154
wavelet-HHL	gldm	DependenceEntropy	5.602752456
wavelet-HHL	gldm	DependenceNonUniformity	39.36538462
wavelet-HHL	gldm	GrayLevelNonUniformity	20.48076923
wavelet-HHL	gldm	SmallDependenceEmphasis	0.326223939
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	42.23170882
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.189256657
wavelet-HHL	gldm	LargeDependenceEmphasis	12.46153846
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.135961813
wavelet-HHL	gldm	DependenceVariance	3.519138314
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1377.293269
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012210598
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.019886293
wavelet-HHL	glcm	JointAverage	10.51970588
wavelet-HHL	glcm	SumAverage	21.03941175
wavelet-HHL	glcm	JointEntropy	6.504119224
wavelet-HHL	glcm	ClusterShade	-11.70389355
wavelet-HHL	glcm	MaximumProbability	0.038264022
wavelet-HHL	glcm	ldmn	0.954155193
wavelet-HHL	glcm	JointEnergy	0.014664014
wavelet-HHL	glcm	Contrast	19.49679305
wavelet-HHL	glcm	DifferenceEntropy	3.183940991
wavelet-HHL	glcm	InverseVariance	0.274641083
wavelet-HHL	glcm	DifferenceVariance	8.013223823
wavelet-HHL	glcm	ldn	0.863132239
wavelet-HHL	glcm	ldm	0.274655711
wavelet-HHL	glcm	Correlation	-0.026334798
wavelet-HHL	glcm	Autocorrelation	110.4407679
wavelet-HHL	glcm	SumEntropy	3.968548618
wavelet-HHL	glcm	SumSquares	9.511255956
wavelet-HHL	glcm	ClusterProminence	1204.418341
wavelet-HHL	glcm	lmc2	0.863743935
wavelet-HHL	glcm	lmc1	-0.192615924
wavelet-HHL	glcm	DifferenceAverage	3.342035871
wavelet-HHL	glcm	ld	0.361541675
wavelet-HHL	glcm	ClusterTendency	18.54823078
wavelet-HHL	firstorder	InterquartileRange	91.08903103
wavelet-HHL	firstorder	Skewness	-0.243016094
wavelet-HHL	firstorder	Uniformity	0.098465237
wavelet-HHL	firstorder	Median	-4.696496636
wavelet-HHL	firstorder	Energy	1303248.682
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	40.30701179
wavelet-HHL	firstorder	MeanAbsoluteDeviation	60.98474304
wavelet-HHL	firstorder	TotalEnergy	35187714.41
wavelet-HHL	firstorder	Maximum	202.5174045
wavelet-HHL	firstorder	RootMeanSquared	79.15566096
wavelet-HHL	firstorder	90Percentile	95.39653422

wavelet-HHL	firstorder	Minimum	-242.9845564
wavelet-HHL	firstorder	Entropy	3.641193046
wavelet-HHL	firstorder	Range	445.5019609
wavelet-HHL	firstorder	Variance	6262.631372
wavelet-HHL	firstorder	10Percentile	-96.12138246
wavelet-HHL	firstorder	Kurtosis	3.327789804
wavelet-HHL	firstorder	Mean	-1.72837773
wavelet-HHL	gllm	ShortRunLowGrayLevelEmphasis	0.020067449
wavelet-HHL	gllm	GrayLevelVariance	10.49820057
wavelet-HHL	gllm	LowGrayLevelRunEmphasis	0.020669236
wavelet-HHL	gllm	GrayLevelNonUniformityNormalized	0.094246618
wavelet-HHL	gllm	RunVariance	0.093799542
wavelet-HHL	gllm	GrayLevelNonUniformity	18.10399931
wavelet-HHL	gllm	LongRunEmphasis	1.268707742
wavelet-HHL	gllm	ShortRunHighGrayLevelEmphasis	112.8970954
wavelet-HHL	gllm	RunLengthNonUniformity	165.5385436
wavelet-HHL	gllm	ShortRunEmphasis	0.942591037
wavelet-HHL	gllm	LongRunHighGrayLevelEmphasis	149.0988043
wavelet-HHL	gllm	RunPercentage	0.923446746
wavelet-HHL	gllm	LongRunLowGrayLevelEmphasis	0.023502246
wavelet-HHL	gllm	RunEntropy	4.019985374
wavelet-HHL	gllm	HighGrayLevelRunEmphasis	119.3182444
wavelet-HHL	gllm	RunLengthNonUniformityNormalized	0.860941904
wavelet-HHL	glszm	GrayLevelVariance	18.31234375
wavelet-HHL	glszm	ZoneVariance	20.515
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.0746875
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.40125
wavelet-HHL	glszm	SizeZoneNonUniformity	32.1
wavelet-HHL	glszm	GrayLevelNonUniformity	5.975
wavelet-HHL	glszm	LargeAreaEmphasis	27.275
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	86.15384851
wavelet-HHL	glszm	ZonePercentage	0.384615385
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.290364686
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	3029.6375
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	126.2125
wavelet-HHL	glszm	SmallAreaEmphasis	0.647690405
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.034234431
wavelet-HHL	glszm	ZoneEntropy	5.019667977
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.029321968
wavelet-HHL	ngtdm	Coarseness	0.029575981
wavelet-HHL	ngtdm	Complexity	337.8743648
wavelet-HHL	ngtdm	Strength	2.886411004
wavelet-HHL	ngtdm	Contrast	0.147923349
wavelet-HHL	ngtdm	Busyness	0.159588221
wavelet-HLH	gldm	GrayLevelVariance	10.470576
wavelet-HLH	gldm	HighGrayLevelEmphasis	140.4086538
wavelet-HLH	gldm	DependenceEntropy	5.720272202
wavelet-HLH	gldm	DependenceNonUniformity	39.07692308
wavelet-HLH	gldm	GrayLevelNonUniformity	21.58653846
wavelet-HLH	gldm	SmallDependenceEmphasis	0.372125547
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	50.76241241
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.187869822
wavelet-HLH	gldm	LargeDependenceEmphasis	14.33653846
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.122407357
wavelet-HLH	gldm	DependenceVariance	5.045765533
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1949.120192



wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012328904
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.01758629
wavelet-HLH	glcm	JointAverage	11.42627053
wavelet-HLH	glcm	SumAverage	22.85254106
wavelet-HLH	glcm	JointEntropy	6.469756802
wavelet-HLH	glcm	ClusterShade	-31.60810143
wavelet-HLH	glcm	MaximumProbability	0.04841831
wavelet-HLH	glcm	ldmn	0.963832701
wavelet-HLH	glcm	JointEnergy	0.015548485
wavelet-HLH	glcm	Contrast	20.19783163
wavelet-HLH	glcm	DifferenceEntropy	3.193122482
wavelet-HLH	glcm	InverseVariance	0.266805305
wavelet-HLH	glcm	DifferenceVariance	8.705841079
wavelet-HLH	glcm	ldn	0.878142131
wavelet-HLH	glcm	ldm	0.273684627
wavelet-HLH	glcm	Correlation	-0.033710828
wavelet-HLH	glcm	Autocorrelation	130.2710452
wavelet-HLH	glcm	SumEntropy	3.974901922
wavelet-HLH	glcm	SumSquares	9.80942161
wavelet-HLH	glcm	ClusterProminence	1468.49813
wavelet-HLH	glcm	lmc2	0.85719474
wavelet-HLH	glcm	lmc1	-0.188500427
wavelet-HLH	glcm	DifferenceAverage	3.36019358
wavelet-HLH	glcm	ld	0.361853214
wavelet-HLH	glcm	ClusterTendency	19.03985481
wavelet-HLH	firstorder	InterquartileRange	91.7050622
wavelet-HLH	firstorder	Skewness	-0.288271677
wavelet-HLH	firstorder	Uniformity	0.103781435
wavelet-HLH	firstorder	Median	-1.59239139
wavelet-HLH	firstorder	Energy	1376770.565
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	36.95901537
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.95457496
wavelet-HLH	firstorder	TotalEnergy	37172805.27
wavelet-HLH	firstorder	Maximum	267.681435
wavelet-HLH	firstorder	RootMeanSquared	81.35778547
wavelet-HLH	firstorder	90Percentile	89.30613316
wavelet-HLH	firstorder	Minimum	-251.1396541
wavelet-HLH	firstorder	Entropy	3.625658768
wavelet-HLH	firstorder	Range	518.8210891
wavelet-HLH	firstorder	Variance	6615.27897
wavelet-HLH	firstorder	10Percentile	-99.48414152
wavelet-HLH	firstorder	Kurtosis	4.075128121
wavelet-HLH	firstorder	Mean	-1.951995636
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.017949112
wavelet-HLH	grlm	GrayLevelVariance	11.12774866
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.018413867
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.097883694
wavelet-HLH	grlm	RunVariance	0.101767828
wavelet-HLH	grlm	GrayLevelNonUniformity	18.76173487
wavelet-HLH	grlm	LongRunEmphasis	1.281236118
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	132.3997093
wavelet-HLH	grlm	RunLengthNonUniformity	164.5945674
wavelet-HLH	grlm	ShortRunEmphasis	0.941741304
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	179.597046
wavelet-HLH	grlm	RunPercentage	0.921227811
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.020638364

wavelet-HLH	glrlm	RunEntropy	4.021405706
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	140.5265066
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.858616937
wavelet-HLH	glszm	GrayLevelVariance	19.43712818
wavelet-HLH	glszm	ZoneVariance	20.68523526
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.069497025
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.483775014
wavelet-HLH	glszm	SizeZoneNonUniformity	41.60465116
wavelet-HLH	glszm	GrayLevelNonUniformity	5.976744186
wavelet-HLH	glszm	LargeAreaEmphasis	26.53488372
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	96.97508232
wavelet-HLH	glszm	ZonePercentage	0.413461538
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.2230769
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	3700.965116
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	137.6395349
wavelet-HLH	glszm	SmallAreaEmphasis	0.720651069
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.030998212
wavelet-HLH	glszm	ZoneEntropy	5.186390447
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.028241402
wavelet-HLH	ngtdm	Coarseness	0.030517932
wavelet-HLH	ngtdm	Complexity	380.2333544
wavelet-HLH	ngtdm	Strength	3.530355445
wavelet-HLH	ngtdm	Contrast	0.139435039
wavelet-HLH	ngtdm	Busyness	0.126043292

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	1037
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original	shape	Maximum2DDiameterSlice	45.09988914
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original	shape	MinorAxis	34.23081403
original	shape	Elongation	0.833343249
original	shape	SurfaceVolumeRatio	0.194979347
original	shape	Volume	27999
original	shape	MajorAxis	41.07648806
original	shape	SurfaceArea	5459.22674
original	shape	Flatness	0.729145714
original	shape	LeastAxis	29.9507452
original	shape	Maximum2DDiameterColumn	44.59820624
original	shape	Maximum2DDiameterRow	39.11521443
original	gldm	GrayLevelVariance	106.1167599
original	gldm	HighGrayLevelEmphasis	1055.612343
original	gldm	DependenceEntropy	6.780529022
original	gldm	DependenceNonUniformity	159.0096432
original	gldm	GrayLevelNonUniformity	86.66248795
original	gldm	SmallDependenceEmphasis	0.379038934
original	gldm	SmallDependenceHighGrayLevelEmphasis	250.3003646
original	gldm	DependenceNonUniformityNormalized	0.153336204
original	gldm	LargeDependenceEmphasis	46.29026037
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.037158019
original	gldm	DependenceVariance	22.79067185
original	gldm	LargeDependenceHighGrayLevelEmphasis	68939.41948
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.003069063
original	gldm	LowGrayLevelEmphasis	0.004058677
original	glcm	JointAverage	32.59289363
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original	glcm	JointEntropy	7.48284716
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original	glcm	Idmn	0.956710685
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original	glcm	DifferenceVariance	55.44926381
original	glcm	Idn	0.891144261
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original	glcm	SumEntropy	5.115999849
original	glcm	SumSquares	85.03006312
original	glcm	ClusterProminence	221136.2495
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original	glcm	ClusterTendency	248.4039952
original	firstorder	InterquartileRange	375
original	firstorder	Skewness	-1.055997194
original	firstorder	Uniformity	0.083570384
original	firstorder	Median	-34
original	firstorder	Energy	97913057
original	firstorder	RobustMeanAbsoluteDeviation	162.578415
original	firstorder	MeanAbsoluteDeviation	216.9635967
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original	firstorder	RootMeanSquared	307.2776175
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original	firstorder	Minimum	-909
original	firstorder	Entropy	4.447777491
original	firstorder	Range	998
original	firstorder	Variance	66346.64483
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original	firstorder	Kurtosis	2.831372367
original	firstorder	Mean	-167.5496625
original	glrlm	ShortRunLowGrayLevelEmphasis	0.004519818
original	glrlm	GrayLevelVariance	111.2344492
original	glrlm	LowGrayLevelRunEmphasis	0.004609019
original	glrlm	GrayLevelNonUniformityNormalized	0.058700939
original	glrlm	RunVariance	0.298297079
original	glrlm	GrayLevelNonUniformity	51.92270709
original	glrlm	LongRunEmphasis	1.679143152
original	glrlm	ShortRunHighGrayLevelEmphasis	846.3891143
original	glrlm	RunLengthNonUniformity	689.9262799
original	glrlm	ShortRunEmphasis	0.903225989
original	glrlm	LongRunHighGrayLevelEmphasis	1983.341439
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original	glrlm	RunEntropy	5.214237508
original	glrlm	HighGrayLevelRunEmphasis	985.5878209
original	glrlm	RunLengthNonUniformityNormalized	0.780164605
original	glszm	GrayLevelVariance	100.7478442
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original	glszm	GrayLevelNonUniformityNormalized	0.030161757
original	glszm	SizeZoneNonUniformityNormalized	0.606739803
original	glszm	SizeZoneNonUniformity	260.2913753
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original	glszm	LargeAreaEmphasis	170.7902098
original	glszm	SmallAreaHighGrayLevelEmphasis	494.0149376
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original	glszm	LargeAreaHighGrayLevelEmphasis	255730.0932
original	glszm	HighGrayLevelZoneEmphasis	654.4778555
original	glszm	SmallAreaEmphasis	0.806703496
original	glszm	LowGrayLevelZoneEmphasis	0.007765952
original	glszm	ZoneEntropy	6.006732031
original	glszm	SmallAreaLowGrayLevelEmphasis	0.007076328
original	ngtdm	Coarseness	0.004235886
original	ngtdm	Complexity	3155.632502
original	ngtdm	Strength	5.391014673
original	ngtdm	Contrast	0.637747416
original	ngtdm	Busyness	0.139054988
wavelet-HHH	gldm	GrayLevelVariance	4.047496255
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wavelet-HHH	gldm	DependenceEntropy	5.919180575
wavelet-HHH	gldm	DependenceNonUniformity	90.59884282
wavelet-HHH	gldm	GrayLevelNonUniformity	186.6528447
wavelet-HHH	gldm	SmallDependenceEmphasis	0.16766842
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	16.82817715
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.08736629
wavelet-HHH	gldm	LargeDependenceEmphasis	49.75988428
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.567213417
wavelet-HHH	gldm	DependenceVariance	15.91374496
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4521.564127
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004619082
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.014750853
wavelet-HHH	glcm	JointAverage	9.47777625
wavelet-HHH	glcm	SumAverage	18.9555525
wavelet-HHH	glcm	JointEntropy	5.472217457
wavelet-HHH	glcm	ClusterShade	0.95801732
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wavelet-HHH	glcm	Idmn	0.982843923
wavelet-HHH	glcm	JointEnergy	0.045118839
wavelet-HHH	glcm	Contrast	7.591825543
wavelet-HHH	glcm	DifferenceEntropy	2.589934519
wavelet-HHH	glcm	InverseVariance	0.392711635
wavelet-HHH	glcm	DifferenceVariance	3.985705516
wavelet-HHH	glcm	Idn	0.920647324
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wavelet-HHH	glcm	Correlation	-0.028841798
wavelet-HHH	glcm	Autocorrelation	89.7190619
wavelet-HHH	glcm	SumEntropy	3.302101885
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wavelet-HHH	glcm	ClusterProminence	328.7476609
wavelet-HHH	glcm	Imc2	0.562316566
wavelet-HHH	glcm	Imc1	-0.069232896
wavelet-HHH	glcm	DifferenceAverage	1.883457463
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wavelet-HHH	glcm	ClusterTendency	7.153923906
wavelet-HHH	firstorder	InterquartileRange	44.16995406
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wavelet-HHH	firstorder	Uniformity	0.1799931
wavelet-HHH	firstorder	Median	0.131511724
wavelet-HHH	firstorder	Energy	2567839.522
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	19.23948792
wavelet-HHH	firstorder	MeanAbsoluteDeviation	34.06257653
wavelet-HHH	firstorder	TotalEnergy	69331667.1
wavelet-HHH	firstorder	Maximum	259.9210187
wavelet-HHH	firstorder	RootMeanSquared	49.76162582

wavelet-HHH	firstorder	90Percentile	52.6560375
wavelet-HHH	firstorder	Minimum	-200.5902341
wavelet-HHH	firstorder	Entropy	2.922559532
wavelet-HHH	firstorder	Range	460.5112528
wavelet-HHH	firstorder	Variance	2475.025753
wavelet-HHH	firstorder	10Percentile	-58.44619364
wavelet-HHH	firstorder	Kurtosis	5.988287854
wavelet-HHH	firstorder	Mean	-1.092543717
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013916198
wavelet-HHH	glrlm	GrayLevelVariance	4.74040894
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.015487855
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.155982812
wavelet-HHH	glrlm	RunVariance	0.328061708
wavelet-HHH	glrlm	GrayLevelNonUniformity	131.8098668
wavelet-HHH	glrlm	LongRunEmphasis	1.839265844
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	81.5407694
wavelet-HHH	glrlm	RunLengthNonUniformity	595.9847289
wavelet-HHH	glrlm	ShortRunEmphasis	0.86452179
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	170.4530517
wavelet-HHH	glrlm	RunPercentage	0.814702173
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.025122264
wavelet-HHH	glrlm	RunEntropy	3.819933153
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	93.94863715
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.70438653
wavelet-HHH	glszm	GrayLevelVariance	13.94625306
wavelet-HHH	glszm	ZoneVariance	862.8459102
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.092179592
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.397616327
wavelet-HHH	glszm	SizeZoneNonUniformity	69.58285714
wavelet-HHH	glszm	GrayLevelNonUniformity	16.13142857
wavelet-HHH	glszm	LargeAreaEmphasis	897.96
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	68.28548653
wavelet-HHH	glszm	ZonePercentage	0.168756027
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	10.02423864
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	81983.06286
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	101.6628571
wavelet-HHH	glszm	SmallAreaEmphasis	0.655572382
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.027823501
wavelet-HHH	glszm	ZoneEntropy	5.360552888
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.022823201
wavelet-HHH	ngtdm	Coarseness	0.006631637
wavelet-HHH	ngtdm	Complexity	232.0694229
wavelet-HHH	ngtdm	Strength	0.887376865
wavelet-HHH	ngtdm	Contrast	0.035532175
wavelet-HHH	ngtdm	Busyness	0.59030446
wavelet-HLL	gldm	GrayLevelVariance	51.61996301
wavelet-HLL	gldm	HighGrayLevelEmphasis	333.4194793
wavelet-HLL	gldm	DependenceEntropy	6.810245861
wavelet-HLL	gldm	DependenceNonUniformity	147.7425265
wavelet-HLL	gldm	GrayLevelNonUniformity	75.74059788
wavelet-HLL	gldm	SmallDependenceEmphasis	0.286441762
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	128.3464051
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.142471096
wavelet-HLL	gldm	LargeDependenceEmphasis	21.25265188
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.092813354
wavelet-HLL	gldm	DependenceVariance	7.188343722
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5958.619094
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005177603

wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009148395
wavelet-HLL	glcm	JointAverage	16.5031742
wavelet-HLL	glcm	SumAverage	33.00634839
wavelet-HLL	glcm	JointEntropy	7.533781542
wavelet-HLL	glcm	ClusterShade	3643.282566
wavelet-HLL	glcm	MaximumProbability	0.036386778
wavelet-HLL	glcm	Idmn	0.989358611
wavelet-HLL	glcm	JointEnergy	0.009549437
wavelet-HLL	glcm	Contrast	39.28313727
wavelet-HLL	glcm	DifferenceEntropy	3.385461693
wavelet-HLL	glcm	InverseVariance	0.290085229
wavelet-HLL	glcm	DifferenceVariance	23.63991134
wavelet-HLL	glcm	Idn	0.942000344
wavelet-HLL	glcm	Idm	0.297944217
wavelet-HLL	glcm	Correlation	0.468777207
wavelet-HLL	glcm	Autocorrelation	291.3628509
wavelet-HLL	glcm	SumEntropy	4.782903962
wavelet-HLL	glcm	SumSquares	38.64008859
wavelet-HLL	glcm	ClusterProminence	242277.1072
wavelet-HLL	glcm	Imc2	0.835255927
wavelet-HLL	glcm	Imc1	-0.15627963
wavelet-HLL	glcm	DifferenceAverage	3.833839585
wavelet-HLL	glcm	Id	0.377137605
wavelet-HLL	glcm	ClusterTendency	115.2772171
wavelet-HLL	firstorder	InterquartileRange	119.9225017
wavelet-HLL	firstorder	Skewness	2.866604807
wavelet-HLL	firstorder	Uniformity	0.073038185
wavelet-HLL	firstorder	Median	-27.60548097
wavelet-HLL	firstorder	Energy	33720298.06
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	51.77638583
wavelet-HLL	firstorder	MeanAbsoluteDeviation	102.3568331
wavelet-HLL	firstorder	TotalEnergy	910448047.6
wavelet-HLL	firstorder	Maximum	975.3168657
wavelet-HLL	firstorder	RootMeanSquared	180.3251592
wavelet-HLL	firstorder	90Percentile	105.6468634
wavelet-HLL	firstorder	Minimum	-423.6882012
wavelet-HLL	firstorder	Entropy	4.243150181
wavelet-HLL	firstorder	Range	1399.005067
wavelet-HLL	firstorder	Variance	32212.5516
wavelet-HLL	firstorder	10Percentile	-172.5452015
wavelet-HLL	firstorder	Kurtosis	15.8114356
wavelet-HLL	firstorder	Mean	-17.45312089
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009327443
wavelet-HLL	glrlm	GrayLevelVariance	56.34187352
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009693216
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.06787404
wavelet-HLL	glrlm	RunVariance	0.151229998
wavelet-HLL	glrlm	GrayLevelNonUniformity	62.95211593
wavelet-HLL	glrlm	LongRunEmphasis	1.405715625
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	318.3976714
wavelet-HLL	glrlm	RunLengthNonUniformity	759.1469674
wavelet-HLL	glrlm	ShortRunEmphasis	0.922300956
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	452.845724
wavelet-HLL	glrlm	RunPercentage	0.894221497
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.011517921
wavelet-HLL	glrlm	RunEntropy	4.795990618
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	340.0099431
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.817376627

wavelet-HLL	glszm	GrayLevelVariance	119.5464565
wavelet-HLL	glszm	ZoneVariance	97.51489731
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041416838
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.440711006
wavelet-HLL	glszm	SizeZoneNonUniformity	144.993921
wavelet-HLL	glszm	GrayLevelNonUniformity	13.62613982
wavelet-HLL	glszm	LargeAreaEmphasis	107.449848
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	340.8294795
wavelet-HLL	glszm	ZonePercentage	0.317261331
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.422231099
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	29967.8541
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	446.5075988
wavelet-HLL	glszm	SmallAreaEmphasis	0.690077965
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01767415
wavelet-HLL	glszm	ZoneEntropy	6.259773111
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014892109
wavelet-HLL	ngtdm	Coarseness	0.007945443
wavelet-HLL	ngtdm	Complexity	2796.963013
wavelet-HLL	ngtdm	Strength	13.37598419
wavelet-HLL	ngtdm	Contrast	0.16235322
wavelet-HLL	ngtdm	Busyness	0.139914526
wavelet-LHL	gldm	GrayLevelVariance	48.94020378
wavelet-LHL	gldm	HighGrayLevelEmphasis	846.0086789
wavelet-LHL	gldm	DependenceEntropy	6.920675275
wavelet-LHL	gldm	DependenceNonUniformity	198.024108
wavelet-LHL	gldm	GrayLevelNonUniformity	56.31533269
wavelet-LHL	gldm	SmallDependenceEmphasis	0.388052494
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	345.6624457
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.190958638
wavelet-LHL	gldm	LargeDependenceEmphasis	18.62777242
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024194963
wavelet-LHL	gldm	DependenceVariance	8.123172604
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	15953.05207
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001854495
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002712761
wavelet-LHL	glcm	JointAverage	28.01769371
wavelet-LHL	glcm	SumAverage	56.03538742
wavelet-LHL	glcm	JointEntropy	8.31576111
wavelet-LHL	glcm	ClusterShade	483.336546
wavelet-LHL	glcm	MaximumProbability	0.038427415
wavelet-LHL	glcm	Idmn	0.981027268
wavelet-LHL	glcm	JointEnergy	0.006959992
wavelet-LHL	glcm	Contrast	64.59968961
wavelet-LHL	glcm	DifferenceEntropy	3.918290578
wavelet-LHL	glcm	InverseVariance	0.227151161
wavelet-LHL	glcm	DifferenceVariance	33.78860536
wavelet-LHL	glcm	Idn	0.917617227
wavelet-LHL	glcm	Idm	0.238817719
wavelet-LHL	glcm	Correlation	0.272058943
wavelet-LHL	glcm	Autocorrelation	797.4506478
wavelet-LHL	glcm	SumEntropy	5.219939832
wavelet-LHL	glcm	SumSquares	44.75638499
wavelet-LHL	glcm	ClusterProminence	66874.27355
wavelet-LHL	glcm	Imc2	0.898238417
wavelet-LHL	glcm	Imc1	-0.184785111
wavelet-LHL	glcm	DifferenceAverage	5.430497857
wavelet-LHL	glcm	Id	0.318721656
wavelet-LHL	glcm	ClusterTendency	114.4258504



wavelet-LHL	firstorder	InterquartileRange	166.3298867
wavelet-LHL	firstorder	Skewness	0.273655026
wavelet-LHL	firstorder	Uniformity	0.05430601
wavelet-LHL	firstorder	Median	-24.30911993
wavelet-LHL	firstorder	Energy	32675600.32
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	77.26767612
wavelet-LHL	firstorder	MeanAbsoluteDeviation	126.374267
wavelet-LHL	firstorder	TotalEnergy	882241208.6
wavelet-LHL	firstorder	Maximum	636.2771548
wavelet-LHL	firstorder	RootMeanSquared	177.5098305
wavelet-LHL	firstorder	90Percentile	182.2267518
wavelet-LHL	firstorder	Minimum	-715.4761
wavelet-LHL	firstorder	Entropy	4.688847124
wavelet-LHL	firstorder	Range	1351.753255
wavelet-LHL	firstorder	Variance	30508.18686
wavelet-LHL	firstorder	10Percentile	-233.2312791
wavelet-LHL	firstorder	Kurtosis	4.448512978
wavelet-LHL	firstorder	Mean	-31.64732346
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002769404
wavelet-LHL	glrlm	GrayLevelVariance	52.2040235
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002847913
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.048928635
wavelet-LHL	glrlm	RunVariance	0.136268927
wavelet-LHL	glrlm	GrayLevelNonUniformity	46.38979711
wavelet-LHL	glrlm	LongRunEmphasis	1.336376858
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	796.9700298
wavelet-LHL	glrlm	RunLengthNonUniformity	812.2542724
wavelet-LHL	glrlm	ShortRunEmphasis	0.940162045
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1130.14154
wavelet-LHL	glrlm	RunPercentage	0.913804614
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.00327644
wavelet-LHL	glrlm	RunEntropy	5.142837596
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	846.7812893
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.856374303
wavelet-LHL	glszm	GrayLevelVariance	82.43957756
wavelet-LHL	glszm	ZoneVariance	49.83933037
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.032615805
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.492151431
wavelet-LHL	glszm	SizeZoneNonUniformity	224.4210526
wavelet-LHL	glszm	GrayLevelNonUniformity	14.87280702
wavelet-LHL	glszm	LargeAreaEmphasis	55.01096491
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	663.2814734
wavelet-LHL	glszm	ZonePercentage	0.43972999
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.068221364
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	47509.44079
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	886.4605263
wavelet-LHL	glszm	SmallAreaEmphasis	0.729260597
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004403365
wavelet-LHL	glszm	ZoneEntropy	6.443396926
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003988915
wavelet-LHL	ngtdm	Coarseness	0.007723644
wavelet-LHL	ngtdm	Complexity	3926.975462
wavelet-LHL	ngtdm	Strength	6.825235138
wavelet-LHL	ngtdm	Contrast	0.15458091
wavelet-LHL	ngtdm	Busyness	0.074900584
wavelet-LHH	gldm	GrayLevelVariance	14.96481859
wavelet-LHH	gldm	HighGrayLevelEmphasis	441.8235294
wavelet-LHH	gldm	DependenceEntropy	6.464315457

wavelet-LHH	gldm	DependenceNonUniformity	141.2160077
wavelet-LHH	gldm	GrayLevelNonUniformity	101.6345227
wavelet-LHH	gldm	SmallDependenceEmphasis	0.296397051
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	136.6380581
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.136177442
wavelet-LHH	gldm	LargeDependenceEmphasis	27.79459981
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.069574463
wavelet-LHH	gldm	DependenceVariance	10.84752304
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	11540.39441
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00194807
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003692494
wavelet-LHH	glcm	JointAverage	20.61248904
wavelet-LHH	glcm	SumAverage	41.22497808
wavelet-LHH	glcm	JointEntropy	7.055706348
wavelet-LHH	glcm	ClusterShade	3.026863086
wavelet-LHH	glcm	MaximumProbability	0.05874029
wavelet-LHH	glcm	ldmn	0.983887368
wavelet-LHH	glcm	JointEnergy	0.015456315
wavelet-LHH	glcm	Contrast	25.61059686
wavelet-LHH	glcm	DifferenceEntropy	3.341894959
wavelet-LHH	glcm	InverseVariance	0.297793972
wavelet-LHH	glcm	DifferenceVariance	13.45132957
wavelet-LHH	glcm	ldn	0.923204774
wavelet-LHH	glcm	ldm	0.31795155
wavelet-LHH	glcm	Correlation	0.017863704
wavelet-LHH	glcm	Autocorrelation	425.1424589
wavelet-LHH	glcm	SumEntropy	4.247839022
wavelet-LHH	glcm	SumSquares	13.06895895
wavelet-LHH	glcm	ClusterProminence	4430.500031
wavelet-LHH	glcm	lmc2	0.713456176
wavelet-LHH	glcm	lmc1	-0.100031099
wavelet-LHH	glcm	DifferenceAverage	3.447163508
wavelet-LHH	glcm	ld	0.393593615
wavelet-LHH	glcm	ClusterTendency	26.66523895
wavelet-LHH	firstorder	InterquartileRange	86.31535705
wavelet-LHH	firstorder	Skewness	-0.124219304
wavelet-LHH	firstorder	Uniformity	0.098008219
wavelet-LHH	firstorder	Median	-0.000726444
wavelet-LHH	firstorder	Energy	9644990.521
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	38.48060519
wavelet-LHH	firstorder	MeanAbsoluteDeviation	66.71208898
wavelet-LHH	firstorder	TotalEnergy	260414744.1
wavelet-LHH	firstorder	Maximum	427.4229767
wavelet-LHH	firstorder	RootMeanSquared	96.4409599
wavelet-LHH	firstorder	90Percentile	116.5937141
wavelet-LHH	firstorder	Minimum	-492.7867981
wavelet-LHH	firstorder	Entropy	3.830182965
wavelet-LHH	firstorder	Range	920.2097748
wavelet-LHH	firstorder	Variance	9280.896977
wavelet-LHH	firstorder	10Percentile	-99.18697283
wavelet-LHH	firstorder	Kurtosis	5.869966218
wavelet-LHH	firstorder	Mean	4.467859692
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003650523
wavelet-LHH	glrlm	GrayLevelVariance	16.53540365
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.003861532
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.087409418
wavelet-LHH	glrlm	RunVariance	0.188271558
wavelet-LHH	glrlm	GrayLevelNonUniformity	79.81355622

wavelet-LHH	glrlm	LongRunEmphasis	1.483915256
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	408.6569713
wavelet-LHH	glrlm	RunLengthNonUniformity	732.6587535
wavelet-LHH	glrlm	ShortRunEmphasis	0.914416355
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	647.5235512
wavelet-LHH	glrlm	RunPercentage	0.880127587
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.005053039
wavelet-LHH	glrlm	RunEntropy	4.451543789
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	444.7791189
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.801499599
wavelet-LHH	glszm	GrayLevelVariance	33.57629762
wavelet-LHH	glszm	ZoneVariance	161.1849053
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.053865003
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.47202495
wavelet-LHH	glszm	SizeZoneNonUniformity	158.1283582
wavelet-LHH	glszm	GrayLevelNonUniformity	18.04477612
wavelet-LHH	glszm	LargeAreaEmphasis	170.7671642
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	331.1634331
wavelet-LHH	glszm	ZonePercentage	0.323047252
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.419579499
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	70720.11642
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	462.7462687
wavelet-LHH	glszm	SmallAreaEmphasis	0.71354876
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.006269252
wavelet-LHH	glszm	ZoneEntropy	5.904340558
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005520446
wavelet-LHH	ngtdm	Coarseness	0.007365405
wavelet-LHH	ngtdm	Complexity	1223.264651
wavelet-LHH	ngtdm	Strength	2.650595749
wavelet-LHH	ngtdm	Contrast	0.076391349
wavelet-LHH	ngtdm	Busyness	0.145265182
wavelet-LLH	gldm	GrayLevelVariance	74.33976058
wavelet-LLH	gldm	HighGrayLevelEmphasis	1086.340405
wavelet-LLH	gldm	DependenceEntropy	6.997862875
wavelet-LLH	gldm	DependenceNonUniformity	236.4136933
wavelet-LLH	gldm	GrayLevelNonUniformity	46.47155256
wavelet-LLH	gldm	SmallDependenceEmphasis	0.440189286
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	510.9875944
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.227978489
wavelet-LLH	gldm	LargeDependenceEmphasis	17.31243973
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018560017
wavelet-LLH	gldm	DependenceVariance	8.450766202
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	18986.51784
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001971311
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002693274
wavelet-LLH	glcm	JointAverage	32.03337708
wavelet-LLH	glcm	SumAverage	64.06675415
wavelet-LLH	glcm	JointEntropy	8.644815978
wavelet-LLH	glcm	ClusterShade	166.8557326
wavelet-LLH	glcm	MaximumProbability	0.03133871
wavelet-LLH	glcm	ldmn	0.988156889
wavelet-LLH	glcm	JointEnergy	0.005442183
wavelet-LLH	glcm	Contrast	88.38197868
wavelet-LLH	glcm	DifferenceEntropy	4.1063638
wavelet-LLH	glcm	InverseVariance	0.204610562
wavelet-LLH	glcm	DifferenceVariance	45.52044859
wavelet-LLH	glcm	ldn	0.933770613
wavelet-LLH	glcm	ldm	0.21381154

wavelet-LLH	glcm	Correlation	0.289355877
wavelet-LLH	glcm	Autocorrelation	1045.095699
wavelet-LLH	glcm	SumEntropy	5.50133464
wavelet-LLH	glcm	SumSquares	63.11863038
wavelet-LLH	glcm	ClusterProminence	130461.6663
wavelet-LLH	glcm	Imc2	0.918855754
wavelet-LLH	glcm	Imc1	-0.201774442
wavelet-LLH	glcm	DifferenceAverage	6.354021295
wavelet-LLH	glcm	Id	0.293806077
wavelet-LLH	glcm	ClusterTendency	164.0925429
wavelet-LLH	firstorder	InterquartileRange	212.3758834
wavelet-LLH	firstorder	Skewness	0.349574567
wavelet-LLH	firstorder	Uniformity	0.044813455
wavelet-LLH	firstorder	Median	-35.35658174
wavelet-LLH	firstorder	Energy	49999825.8
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	94.19044485
wavelet-LLH	firstorder	MeanAbsoluteDeviation	154.2919229
wavelet-LLH	firstorder	TotalEnergy	1349995297
wavelet-LLH	firstorder	Maximum	1232.896682
wavelet-LLH	firstorder	RootMeanSquared	219.581055
wavelet-LLH	firstorder	90Percentile	221.3678138
wavelet-LLH	firstorder	Minimum	-814.9204936
wavelet-LLH	firstorder	Entropy	4.963020529
wavelet-LLH	firstorder	Range	2047.817175
wavelet-LLH	firstorder	Variance	46431.86801
wavelet-LLH	firstorder	10Percentile	-283.3080604
wavelet-LLH	firstorder	Kurtosis	5.592758534
wavelet-LLH	firstorder	Mean	-42.23708945
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002768394
wavelet-LLH	glrlm	GrayLevelVariance	78.72735944
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002826801
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040374304
wavelet-LLH	glrlm	RunVariance	0.115304365
wavelet-LLH	glrlm	GrayLevelNonUniformity	38.69801225
wavelet-LLH	glrlm	LongRunEmphasis	1.288988217
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1032.195216
wavelet-LLH	glrlm	RunLengthNonUniformity	837.4469057
wavelet-LLH	glrlm	ShortRunEmphasis	0.947516658
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1397.948086
wavelet-LLH	glrlm	RunPercentage	0.923967065
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003133864
wavelet-LLH	glrlm	RunEntropy	5.364231307
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1087.883099
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.873200654
wavelet-LLH	glszm	GrayLevelVariance	114.3987833
wavelet-LLH	glszm	ZoneVariance	30.48650518
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029534024
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.512914201
wavelet-LLH	glszm	SizeZoneNonUniformity	266.7153846
wavelet-LLH	glszm	GrayLevelNonUniformity	15.35769231
wavelet-LLH	glszm	LargeAreaEmphasis	34.46346154
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	886.5123939
wavelet-LLH	glszm	ZonePercentage	0.50144648
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.035577354
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	38046.38654
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1146.167308
wavelet-LLH	glszm	SmallAreaEmphasis	0.743930508
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004144587

wavelet-LLH	glszm	ZoneEntropy	6.5392781
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003738141
wavelet-LLH	ngtdm	Coarseness	0.007841847
wavelet-LLH	ngtdm	Complexity	7165.322364
wavelet-LLH	ngtdm	Strength	11.14953414
wavelet-LLH	ngtdm	Contrast	0.18786226
wavelet-LLH	ngtdm	Busyness	0.052884529
wavelet-LLL	gldm	GrayLevelVariance	701.4766782
wavelet-LLL	gldm	HighGrayLevelEmphasis	6237.152363
wavelet-LLL	gldm	DependenceEntropy	7.488399265
wavelet-LLL	gldm	DependenceNonUniformity	376.7917068
wavelet-LLL	gldm	GrayLevelNonUniformity	20.66634523
wavelet-LLL	gldm	SmallDependenceEmphasis	0.621460861
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3150.138873
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.363347837
wavelet-LLL	gldm	LargeDependenceEmphasis	8.255544841
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.00266101
wavelet-LLL	gldm	DependenceVariance	3.758854867
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	74388.44648
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001658496
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001735258
wavelet-LLL	glcm	JointAverage	79.35506384
wavelet-LLL	glcm	SumAverage	158.7101277
wavelet-LLL	glcm	JointEntropy	9.690658085
wavelet-LLL	glcm	ClusterShade	-69197.65094
wavelet-LLL	glcm	MaximumProbability	0.013000371
wavelet-LLL	glcm	Idmn	0.964950626
wavelet-LLL	glcm	JointEnergy	0.002096696
wavelet-LLL	glcm	Contrast	489.2154825
wavelet-LLL	glcm	DifferenceEntropy	5.28312118
wavelet-LLL	glcm	InverseVariance	0.132670995
wavelet-LLL	glcm	DifferenceVariance	245.2393126
wavelet-LLL	glcm	Idn	0.889163894
wavelet-LLL	glcm	Idm	0.13166753
wavelet-LLL	glcm	Correlation	0.577261504
wavelet-LLL	glcm	Autocorrelation	6633.406839
wavelet-LLL	glcm	SumEntropy	6.780258531
wavelet-LLL	glcm	SumSquares	580.4014054
wavelet-LLL	glcm	ClusterProminence	9314603.97
wavelet-LLL	glcm	Imc2	0.993372636
wavelet-LLL	glcm	Imc1	-0.365909252
wavelet-LLL	glcm	DifferenceAverage	15.46174757
wavelet-LLL	glcm	Id	0.196572223
wavelet-LLL	glcm	ClusterTendency	1832.390139
wavelet-LLL	firstorder	InterquartileRange	1105.62537
wavelet-LLL	firstorder	Skewness	-0.705012773
wavelet-LLL	firstorder	Uniformity	0.019928973
wavelet-LLL	firstorder	Median	-280.9738464
wavelet-LLL	firstorder	Energy	716562903.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	453.6635303
wavelet-LLL	firstorder	MeanAbsoluteDeviation	571.1283984
wavelet-LLL	firstorder	TotalEnergy	19347198395
wavelet-LLL	firstorder	Maximum	391.9503997
wavelet-LLL	firstorder	RootMeanSquared	831.2617215
wavelet-LLL	firstorder	90Percentile	163.4068909
wavelet-LLL	firstorder	Minimum	-2338.063447
wavelet-LLL	firstorder	Entropy	6.148431296
wavelet-LLL	firstorder	Range	2730.013846

wavelet-LLL	firstorder	Variance	438913.8218
wavelet-LLL	firstorder	10Percentile	-1553.884847
wavelet-LLL	firstorder	Kurtosis	2.237379691
wavelet-LLL	firstorder	Mean	-502.0779102
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001801929
wavelet-LLL	glrlm	GrayLevelVariance	704.3338131
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001806767
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.018307458
wavelet-LLL	glrlm	RunVariance	0.05346495
wavelet-LLL	glrlm	GrayLevelNonUniformity	18.1708918
wavelet-LLL	glrlm	LongRunEmphasis	1.146008978
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5835.294091
wavelet-LLL	glrlm	RunLengthNonUniformity	915.0983912
wavelet-LLL	glrlm	ShortRunEmphasis	0.968984734
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	7432.937882
wavelet-LLL	glrlm	RunPercentage	0.956902307
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001828611
wavelet-LLL	glrlm	RunEntropy	6.389095591
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	6112.475941
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.921999165
wavelet-LLL	glszm	GrayLevelVariance	682.1157039
wavelet-LLL	glszm	ZoneVariance	5.00738356
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012282605
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.690240403
wavelet-LLL	glszm	SizeZoneNonUniformity	481.097561
wavelet-LLL	glszm	GrayLevelNonUniformity	8.56097561
wavelet-LLL	glszm	LargeAreaEmphasis	7.220946915
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4163.34657
wavelet-LLL	glszm	ZonePercentage	0.672131148
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.003261072
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	64101.76614
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5147.691535
wavelet-LLL	glszm	SmallAreaEmphasis	0.855081518
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002491787
wavelet-LLL	glszm	ZoneEntropy	7.102033849
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002450877
wavelet-LLL	ngtdm	Coarseness	0.006687982
wavelet-LLL	ngtdm	Complexity	43641.68032
wavelet-LLL	ngtdm	Strength	36.59953725
wavelet-LLL	ngtdm	Contrast	1.369396342
wavelet-LLL	ngtdm	Busyness	0.016386071
wavelet-HHL	gldm	GrayLevelVariance	8.049495568
wavelet-HHL	gldm	HighGrayLevelEmphasis	284.4040501
wavelet-HHL	gldm	DependenceEntropy	6.231522742
wavelet-HHL	gldm	DependenceNonUniformity	96.0144648
wavelet-HHL	gldm	GrayLevelNonUniformity	159.0867888
wavelet-HHL	gldm	SmallDependenceEmphasis	0.197470533
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	61.8951105
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.092588684
wavelet-HHL	gldm	LargeDependenceEmphasis	43.09257473
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.163994783
wavelet-HHL	gldm	DependenceVariance	13.83668118
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	11595.3703
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002002546
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.005089359
wavelet-HHL	glcm	JointAverage	16.63026526
wavelet-HHL	glcm	SumAverage	33.26053052
wavelet-HHL	glcm	JointEntropy	5.938896122

wavelet-HHL	glcm	ClusterShade	31.28060504
wavelet-HHL	glcm	MaximumProbability	0.088906128
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wavelet-HHL	glcm	JointEnergy	0.034594758
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wavelet-HHL	glcm	DifferenceEntropy	2.821679862
wavelet-HHL	glcm	InverseVariance	0.38287919
wavelet-HHL	glcm	DifferenceVariance	8.280790433
wavelet-HHL	glcm	Idn	0.939527708
wavelet-HHL	glcm	Idm	0.421358623
wavelet-HHL	glcm	Correlation	0.012660978
wavelet-HHL	glcm	Autocorrelation	276.7313059
wavelet-HHL	glcm	SumEntropy	3.659463648
wavelet-HHL	glcm	SumSquares	7.060588033
wavelet-HHL	glcm	ClusterProminence	2137.420326
wavelet-HHL	glcm	Imc2	0.68317615
wavelet-HHL	glcm	Imc1	-0.103078955
wavelet-HHL	glcm	DifferenceAverage	2.32169363
wavelet-HHL	glcm	Id	0.48145895
wavelet-HHL	glcm	ClusterTendency	14.44712183
wavelet-HHL	firstorder	InterquartileRange	54.59014989
wavelet-HHL	firstorder	Skewness	0.216835819
wavelet-HHL	firstorder	Uniformity	0.153410597
wavelet-HHL	firstorder	Median	-0.72274703
wavelet-HHL	firstorder	Energy	5182260.214
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	23.19375614
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wavelet-HHL	firstorder	Maximum	406.973909
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wavelet-HHL	firstorder	Entropy	3.239522963
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wavelet-HHL	firstorder	Kurtosis	8.755886337
wavelet-HHL	firstorder	Mean	3.11417457
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004886543
wavelet-HHL	glrlm	GrayLevelVariance	9.349197546
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.005354922
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.134763107
wavelet-HHL	glrlm	RunVariance	0.296723635
wavelet-HHL	glrlm	GrayLevelNonUniformity	116.0783201
wavelet-HHL	glrlm	LongRunEmphasis	1.752631726
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	253.971638
wavelet-HHL	glrlm	RunLengthNonUniformity	627.3363437
wavelet-HHL	glrlm	ShortRunEmphasis	0.876938492
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	490.3459877
wavelet-HHL	glrlm	RunPercentage	0.83042801
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008210392
wavelet-HHL	glrlm	RunEntropy	4.087869701
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	287.3102164
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.727291674
wavelet-HHL	glszm	GrayLevelVariance	26.77959184
wavelet-HHL	glszm	ZoneVariance	590.1723583
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.068027211
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.45478458

wavelet-HHL	glszm	SizeZoneNonUniformity	95.5047619
wavelet-HHL	glszm	GrayLevelNonUniformity	14.28571429
wavelet-HHL	glszm	LargeAreaEmphasis	614.5571429
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	225.0925143
wavelet-HHL	glszm	ZonePercentage	0.202507232
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.319130253
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	164604.9381
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	320.6571429
wavelet-HHL	glszm	SmallAreaEmphasis	0.700654025
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010069887
wavelet-HHL	glszm	ZoneEntropy	5.625506921
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008820984
wavelet-HHL	ngtdm	Coarseness	0.007181743
wavelet-HHL	ngtdm	Complexity	601.2609769
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wavelet-HHL	ngtdm	Busyness	0.200757341
wavelet-HLH	gldm	GrayLevelVariance	6.1011039
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wavelet-HLH	gldm	DependenceEntropy	6.19964721
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.209428593
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.105135075
wavelet-HLH	gldm	LargeDependenceEmphasis	37.31436837
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.25189232
wavelet-HLH	gldm	DependenceVariance	13.02287308
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	5760.235294
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00420345
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.009647797
wavelet-HLH	glcm	JointAverage	12.49101378
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wavelet-HLH	glcm	ClusterShade	-9.935246264
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wavelet-HLH	firstorder	Median	-0.322145592



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wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	25.80349811
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wavelet-HLH	firstorder	RootMeanSquared	61.30302443
wavelet-HLH	firstorder	90Percentile	70.78154367
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wavelet-HLH	firstorder	Entropy	3.238560561
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wavelet-HLH	firstorder	10Percentile	-67.62105602
wavelet-HLH	firstorder	Kurtosis	5.293711584
wavelet-HLH	firstorder	Mean	0.142019433
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009448925
wavelet-HLH	glrlm	GrayLevelVariance	6.876035848
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.010178892
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.126363279
wavelet-HLH	glrlm	RunVariance	0.253178864
wavelet-HLH	glrlm	GrayLevelNonUniformity	111.2746195
wavelet-HLH	glrlm	LongRunEmphasis	1.646373461
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	145.3703344
wavelet-HLH	glrlm	RunLengthNonUniformity	665.0517144
wavelet-HLH	glrlm	ShortRunEmphasis	0.890865651
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	263.6454961
wavelet-HLH	glrlm	RunPercentage	0.84889845
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.014505725
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wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	162.6776409
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wavelet-HLH	glszm	GrayLevelVariance	17.04669563
wavelet-HLH	glszm	ZoneVariance	456.5993104
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wavelet-HLH	glszm	LargeAreaEmphasis	478.03125
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wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	3.148343672
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	73896.65179
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	166.78125
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wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.019878011
wavelet-HLH	glszm	ZoneEntropy	5.379312223
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017390211
wavelet-HLH	ngtdm	Coarseness	0.006961882
wavelet-HLH	ngtdm	Complexity	293.2101969
wavelet-HLH	ngtdm	Strength	0.893746938
wavelet-HLH	ngtdm	Contrast	0.057388717
wavelet-HLH	ngtdm	Busyness	0.43302589

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	92
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original	shape	LeastAxis	13.36975196
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original	gldm	GrayLevelVariance	90.80954631
original	gldm	HighGrayLevelEmphasis	540.0652174
original	gldm	DependenceEntropy	5.672859103
original	gldm	DependenceNonUniformity	24.08695652
original	gldm	GrayLevelNonUniformity	5.565217391
original	gldm	SmallDependenceEmphasis	0.445303089
original	gldm	SmallDependenceHighGrayLevelEmphasis	190.2324725
original	gldm	DependenceNonUniformityNormalized	0.261814745
original	gldm	LargeDependenceEmphasis	12.34782609
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.043827558
original	gldm	DependenceVariance	5.198015123
original	gldm	LargeDependenceHighGrayLevelEmphasis	9879.652174

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.020240045
original	gldm	LowGrayLevelEmphasis	0.022732332
original	glcm	JointAverage	22.9884594
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original	glcm	JointEntropy	6.195748328
original	glcm	ClusterShade	-2089.738015
original	glcm	MaximumProbability	0.064664985
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original	glcm	DifferenceEntropy	3.980622703
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original	glcm	DifferenceVariance	43.57485486
original	glcm	ldn	0.857540085
original	glcm	ldm	0.193141781
original	glcm	Correlation	0.319155999
original	glcm	Autocorrelation	554.4758607
original	glcm	SumEntropy	4.798696239
original	glcm	SumSquares	79.9181459
original	glcm	ClusterProminence	129894.5252
original	glcm	lmc2	0.995176934
original	glcm	lmc1	-0.547152494
original	glcm	DifferenceAverage	7.838996202
original	glcm	ld	0.267703276
original	glcm	ClusterTendency	211.4699438
original	firstorder	InterquartileRange	406.25
original	firstorder	Skewness	-0.35118023
original	firstorder	Uniformity	0.060491493
original	firstorder	Median	-167.5
original	firstorder	Energy	9195102
original	firstorder	RobustMeanAbsoluteDeviation	158.6223521
original	firstorder	MeanAbsoluteDeviation	202.9045369
original	firstorder	TotalEnergy	248267754
original	firstorder	Maximum	311
original	firstorder	RootMeanSquared	316.1435764
original	firstorder	90Percentile	16
original	firstorder	Minimum	-723
original	firstorder	Entropy	4.548974902
original	firstorder	Range	1034
original	firstorder	Variance	56293.01749
original	firstorder	10Percentile	-539
original	firstorder	Kurtosis	2.27982899
original	firstorder	Mean	-208.9347826
original	glrlm	ShortRunLowGrayLevelEmphasis	0.023999189
original	glrlm	GrayLevelVariance	92.00457343
original	glrlm	LowGrayLevelRunEmphasis	0.024135793
original	glrlm	GrayLevelNonUniformityNormalized	0.053627321
original	glrlm	RunVariance	0.078402716
original	glrlm	GrayLevelNonUniformity	4.622176767
original	glrlm	LongRunEmphasis	1.224629066
original	glrlm	ShortRunHighGrayLevelEmphasis	489.3301853
original	glrlm	RunLengthNonUniformity	76.1293208

original	glrlm	ShortRunEmphasis	0.951451637
original	glrlm	LongRunHighGrayLevelEmphasis	695.8522639
original	glrlm	RunPercentage	0.935618729
original	glrlm	LongRunLowGrayLevelEmphasis	0.024717089
original	glrlm	RunEntropy	4.815371443
original	glrlm	HighGrayLevelRunEmphasis	525.2953849
original	glrlm	RunLengthNonUniformityNormalized	0.882485106
original	glszm	GrayLevelVariance	102.4131612
original	glszm	ZoneVariance	4.719700125
original	glszm	GrayLevelNonUniformityNormalized	0.035401916
original	glszm	SizeZoneNonUniformityNormalized	0.465222824
original	glszm	SizeZoneNonUniformity	22.79591837
original	glszm	GrayLevelNonUniformity	1.734693878
original	glszm	LargeAreaEmphasis	8.244897959
original	glszm	SmallAreaHighGrayLevelEmphasis	283.4398866
original	glszm	ZonePercentage	0.532608696
original	glszm	LargeAreaLowGrayLevelEmphasis	0.055798567
original	glszm	LargeAreaHighGrayLevelEmphasis	6015.755102
original	glszm	HighGrayLevelZoneEmphasis	444.2857143
original	glszm	SmallAreaEmphasis	0.699960317
original	glszm	LowGrayLevelZoneEmphasis	0.039218304
original	glszm	ZoneEntropy	5.451444538
original	glszm	SmallAreaLowGrayLevelEmphasis	0.037245802
original	ngtdm	Coarseness	0.034866681
original	ngtdm	Complexity	2936.46918
original	ngtdm	Strength	26.3339656
original	ngtdm	Contrast	1.023170191
original	ngtdm	Busyness	0.034863673
wavelet-HHH	gldm	GrayLevelVariance	11.90170132
wavelet-HHH	gldm	HighGrayLevelEmphasis	102.5652174
wavelet-HHH	gldm	DependenceEntropy	5.000593109
wavelet-HHH	gldm	DependenceNonUniformity	23.32608696
wavelet-HHH	gldm	GrayLevelNonUniformity	8.086956522
wavelet-HHH	gldm	SmallDependenceEmphasis	0.425066425
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	41.85798913
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.253544423
wavelet-HHH	gldm	LargeDependenceEmphasis	7.02173913
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.120867525
wavelet-HHH	gldm	DependenceVariance	1.611058601
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	690.1086957
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040616766
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.047681745
wavelet-HHH	glcm	JointAverage	9.483441431
wavelet-HHH	glcm	SumAverage	18.96688286
wavelet-HHH	glcm	JointEntropy	6.011219773
wavelet-HHH	glcm	ClusterShade	2.625070861
wavelet-HHH	glcm	MaximumProbability	0.043330604
wavelet-HHH	glcm	ldmn	0.9369031
wavelet-HHH	glcm	JointEnergy	0.018120421
wavelet-HHH	glcm	Contrast	22.17023988
wavelet-HHH	glcm	DifferenceEntropy	3.156654471
wavelet-HHH	glcm	InverseVariance	0.249122049

wavelet-HHH	glcm	DifferenceVariance	8.363965723
wavelet-HHH	glcm	Idn	0.836871447
wavelet-HHH	glcm	Idm	0.23521738
wavelet-HHH	glcm	Correlation	-0.023534577
wavelet-HHH	glcm	Autocorrelation	89.65270414
wavelet-HHH	glcm	SumEntropy	3.868453661
wavelet-HHH	glcm	SumSquares	10.78990769
wavelet-HHH	glcm	ClusterProminence	1325.392214
wavelet-HHH	glcm	Imc2	0.947117165
wavelet-HHH	glcm	Imc1	-0.321409459
wavelet-HHH	glcm	DifferenceAverage	3.685699702
wavelet-HHH	glcm	Id	0.328127491
wavelet-HHH	glcm	ClusterTendency	20.9893909
wavelet-HHH	firstorder	InterquartileRange	112.3049699
wavelet-HHH	firstorder	Skewness	-0.167032151
wavelet-HHH	firstorder	Uniformity	0.087901701
wavelet-HHH	firstorder	Median	0.837904206
wavelet-HHH	firstorder	Energy	686077.3344
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	46.04184569
wavelet-HHH	firstorder	MeanAbsoluteDeviation	68.85075829
wavelet-HHH	firstorder	TotalEnergy	18524088.03
wavelet-HHH	firstorder	Maximum	199.0473655
wavelet-HHH	firstorder	RootMeanSquared	86.35602081
wavelet-HHH	firstorder	90Percentile	108.0505767
wavelet-HHH	firstorder	Minimum	-221.9729394
wavelet-HHH	firstorder	Entropy	3.662020322
wavelet-HHH	firstorder	Range	421.0203049
wavelet-HHH	firstorder	Variance	7456.785828
wavelet-HHH	firstorder	10Percentile	-95.22341527
wavelet-HHH	firstorder	Kurtosis	3.123836618
wavelet-HHH	firstorder	Mean	0.759277665
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.049147736
wavelet-HHH	glrlm	GrayLevelVariance	12.28465912
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.049606405
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.086739767
wavelet-HHH	glrlm	RunVariance	0.059751012
wavelet-HHH	glrlm	GrayLevelNonUniformity	7.573869984
wavelet-HHH	glrlm	LongRunEmphasis	1.171559064
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	98.85818496
wavelet-HHH	glrlm	RunLengthNonUniformity	79.13984904
wavelet-HHH	glrlm	ShortRunEmphasis	0.962091664
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	119.8761462
wavelet-HHH	glrlm	RunPercentage	0.948996656
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.051702971
wavelet-HHH	glrlm	RunEntropy	3.863894131
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	102.6787856
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.905759858
wavelet-HHH	glszm	GrayLevelVariance	18.17249527
wavelet-HHH	glszm	ZoneVariance	4.217391304
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.081285444
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.442344045
wavelet-HHH	glszm	SizeZoneNonUniformity	20.34782609

wavelet-HHH	glszm	GrayLevelNonUniformity	3.739130435
wavelet-HHH	glszm	LargeAreaEmphasis	8.217391304
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	66.31176932
wavelet-HHH	glszm	ZonePercentage	0.5
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.171184876
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	795.7391304
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	101.9347826
wavelet-HHH	glszm	SmallAreaEmphasis	0.689647913
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.083172633
wavelet-HHH	glszm	ZoneEntropy	4.499226837
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.079243112
wavelet-HHH	ngtdm	Coarseness	0.054737386
wavelet-HHH	ngtdm	Complexity	246.0957644
wavelet-HHH	ngtdm	Strength	3.749701042
wavelet-HHH	ngtdm	Contrast	0.331261324
wavelet-HHH	ngtdm	Busyness	0.177819778
wavelet-HLL	gldm	GrayLevelVariance	50.77504726
wavelet-HLL	gldm	HighGrayLevelEmphasis	336.826087
wavelet-HLL	gldm	DependenceEntropy	5.36563451
wavelet-HLL	gldm	DependenceNonUniformity	34.39130435
wavelet-HLL	gldm	GrayLevelNonUniformity	4.413043478
wavelet-HLL	gldm	SmallDependenceEmphasis	0.591108092
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	207.8375604
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.373818526
wavelet-HLL	gldm	LargeDependenceEmphasis	3.630434783
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.032563681
wavelet-HLL	gldm	DependenceVariance	0.68100189
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1257.804348
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01615405
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.018727192
wavelet-HLL	glcm	JointAverage	17.06657644
wavelet-HLL	glcm	SumAverage	34.13315288
wavelet-HLL	glcm	JointEntropy	6.509545018
wavelet-HLL	glcm	ClusterShade	235.4759186
wavelet-HLL	glcm	MaximumProbability	0.02710939
wavelet-HLL	glcm	Idmn	0.945248388
wavelet-HLL	glcm	JointEnergy	0.011878169
wavelet-HLL	glcm	Contrast	75.00293239
wavelet-HLL	glcm	DifferenceEntropy	3.759907229
wavelet-HLL	glcm	InverseVariance	0.154681525
wavelet-HLL	glcm	DifferenceVariance	26.15102463
wavelet-HLL	glcm	Idn	0.847960748
wavelet-HLL	glcm	Idm	0.139917196
wavelet-HLL	glcm	Correlation	0.243868924
wavelet-HLL	glcm	Autocorrelation	303.5580974
wavelet-HLL	glcm	SumEntropy	4.721128212
wavelet-HLL	glcm	SumSquares	49.73642915
wavelet-HLL	glcm	ClusterProminence	36553.21526
wavelet-HLL	glcm	Imc2	0.996527524
wavelet-HLL	glcm	Imc1	-0.555081647
wavelet-HLL	glcm	DifferenceAverage	6.747304403
wavelet-HLL	glcm	Id	0.230579792

wavelet-HLL	glcm	ClusterTendency	123.9427842
wavelet-HLL	firstorder	InterquartileRange	296.7903722
wavelet-HLL	firstorder	Skewness	0.010095335
wavelet-HLL	firstorder	Uniformity	0.047967864
wavelet-HLL	firstorder	Median	-62.67465228
wavelet-HLL	firstorder	Energy	3299430.398
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	113.1148496
wavelet-HLL	firstorder	MeanAbsoluteDeviation	151.3291717
wavelet-HLL	firstorder	TotalEnergy	89084620.74
wavelet-HLL	firstorder	Maximum	351.4553183
wavelet-HLL	firstorder	RootMeanSquared	189.3762759
wavelet-HLL	firstorder	90Percentile	156.9230361
wavelet-HLL	firstorder	Minimum	-464.6936915
wavelet-HLL	firstorder	Entropy	4.569347761
wavelet-HLL	firstorder	Range	816.1490097
wavelet-HLL	firstorder	Variance	31763.68784
wavelet-HLL	firstorder	10Percentile	-264.9992961
wavelet-HLL	firstorder	Kurtosis	2.232722442
wavelet-HLL	firstorder	Mean	-64.02879077
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.018988249
wavelet-HLL	glrlm	GrayLevelVariance	51.14864221
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.019108551
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.047588506
wavelet-HLL	glrlm	RunVariance	0.031068336
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.259055871
wavelet-HLL	glrlm	LongRunEmphasis	1.091299788
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	330.0155309
wavelet-HLL	glrlm	RunLengthNonUniformity	84.92641602
wavelet-HLL	glrlm	ShortRunEmphasis	0.979188622
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	367.5600842
wavelet-HLL	glrlm	RunPercentage	0.972408027
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.019619988
wavelet-HLL	glrlm	RunEntropy	4.658924882
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	336.9128282
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.947940038
wavelet-HLL	glszm	GrayLevelVariance	56.49609375
wavelet-HLL	glszm	ZoneVariance	0.58984375
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.043945313
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.536621094
wavelet-HLL	glszm	SizeZoneNonUniformity	34.34375
wavelet-HLL	glszm	GrayLevelNonUniformity	2.8125
wavelet-HLL	glszm	LargeAreaEmphasis	2.65625
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	271.6267361
wavelet-HLL	glszm	ZonePercentage	0.695652174
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.033333858
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	907.3125
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	343.375
wavelet-HLL	glszm	SmallAreaEmphasis	0.760633681
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.024290373
wavelet-HLL	glszm	ZoneEntropy	5.245864648
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.022642127
wavelet-HLL	ngtdm	Coarseness	0.055581041

wavelet-HLL	ngtdm	Complexity	1513.385518
wavelet-HLL	ngtdm	Strength	17.97421939
wavelet-HLL	ngtdm	Contrast	0.566866442
wavelet-HLL	ngtdm	Busyness	0.043145675
wavelet-LHL	gldm	GrayLevelVariance	151.8908318
wavelet-LHL	gldm	HighGrayLevelEmphasis	826.7608696
wavelet-LHL	gldm	DependenceEntropy	5.686392934
wavelet-LHL	gldm	DependenceNonUniformity	43.30434783
wavelet-LHL	gldm	GrayLevelNonUniformity	2.956521739
wavelet-LHL	gldm	SmallDependenceEmphasis	0.694444444
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	575.4051932
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.470699433
wavelet-LHL	gldm	LargeDependenceEmphasis	2.608695652
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018277035
wavelet-LHL	gldm	DependenceVariance	0.423440454
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2097.73913
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013123539
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013971016
wavelet-LHL	glcm	JointAverage	25.78751893
wavelet-LHL	glcm	SumAverage	51.57503787
wavelet-LHL	glcm	JointEntropy	6.654481256
wavelet-LHL	glcm	ClusterShade	3411.576984
wavelet-LHL	glcm	MaximumProbability	0.018381518
wavelet-LHL	glcm	ldmn	0.956606243
wavelet-LHL	glcm	JointEnergy	0.010321588
wavelet-LHL	glcm	Contrast	137.3716809
wavelet-LHL	glcm	DifferenceEntropy	4.028096216
wavelet-LHL	glcm	InverseVariance	0.112981668
wavelet-LHL	glcm	DifferenceVariance	41.36750262
wavelet-LHL	glcm	ldn	0.860025232
wavelet-LHL	glcm	ldm	0.099801015
wavelet-LHL	glcm	Correlation	0.498465085
wavelet-LHL	glcm	Autocorrelation	738.0654879
wavelet-LHL	glcm	SumEntropy	5.156040321
wavelet-LHL	glcm	SumSquares	141.2513625
wavelet-LHL	glcm	ClusterProminence	401524.8711
wavelet-LHL	glcm	lmc2	0.99945645
wavelet-LHL	glcm	lmc1	-0.683369518
wavelet-LHL	glcm	DifferenceAverage	9.366300691
wavelet-LHL	glcm	ld	0.182466994
wavelet-LHL	glcm	ClusterTendency	427.633769
wavelet-LHL	firstorder	InterquartileRange	506.1169199
wavelet-LHL	firstorder	Skewness	0.328732247
wavelet-LHL	firstorder	Uniformity	0.032136106
wavelet-LHL	firstorder	Median	-32.07418015
wavelet-LHL	firstorder	Energy	8757862.911
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	195.4402134
wavelet-LHL	firstorder	MeanAbsoluteDeviation	263.2295315
wavelet-LHL	firstorder	TotalEnergy	236462298.6
wavelet-LHL	firstorder	Maximum	690.2182644
wavelet-LHL	firstorder	RootMeanSquared	308.5355119
wavelet-LHL	firstorder	90Percentile	463.7853321



wavelet-LHL	firstorder	Minimum	-621.1183263
wavelet-LHL	firstorder	Entropy	5.152767022
wavelet-LHL	firstorder	Range	1311.336591
wavelet-LHL	firstorder	Variance	95093.10775
wavelet-LHL	firstorder	10Percentile	-369.1445681
wavelet-LHL	firstorder	Kurtosis	2.244648125
wavelet-LHL	firstorder	Mean	10.05257778
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014147331
wavelet-LHL	glrlm	GrayLevelVariance	152.3453544
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.014186252
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.031939031
wavelet-LHL	glrlm	RunVariance	0.01835769
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.884574249
wavelet-LHL	glrlm	LongRunEmphasis	1.05736082
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	815.623896
wavelet-LHL	glrlm	RunLengthNonUniformity	87.05659181
wavelet-LHL	glrlm	ShortRunEmphasis	0.985659795
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	873.3628973
wavelet-LHL	glrlm	RunPercentage	0.981605351
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014341934
wavelet-LHL	glrlm	RunEntropy	5.204524538
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	827.1716963
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.963284621
wavelet-LHL	glszm	GrayLevelVariance	159.0013886
wavelet-LHL	glszm	ZoneVariance	0.405475104
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.029160881
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.645308471
wavelet-LHL	glszm	SizeZoneNonUniformity	45.81690141
wavelet-LHL	glszm	GrayLevelNonUniformity	2.070422535
wavelet-LHL	glszm	LargeAreaEmphasis	2.084507042
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	693.5688576
wavelet-LHL	glszm	ZonePercentage	0.77173913
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.020324504
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1625.239437
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	840.8732394
wavelet-LHL	glszm	SmallAreaEmphasis	0.831083725
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.017273248
wavelet-LHL	glszm	ZoneEntropy	5.582639197
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016803837
wavelet-LHL	ngtdm	Coarseness	0.067157839
wavelet-LHL	ngtdm	Complexity	4226.771871
wavelet-LHL	ngtdm	Strength	56.8488152
wavelet-LHL	ngtdm	Contrast	0.97468308
wavelet-LHL	ngtdm	Busyness	0.018549357
wavelet-LHH	gldm	GrayLevelVariance	32.8774811
wavelet-LHH	gldm	HighGrayLevelEmphasis	244.7065217
wavelet-LHH	gldm	DependenceEntropy	5.18488244
wavelet-LHH	gldm	DependenceNonUniformity	33.69565217
wavelet-LHH	gldm	GrayLevelNonUniformity	5.260869565
wavelet-LHH	gldm	SmallDependenceEmphasis	0.588088768
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	136.7660779
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.366257089

wavelet-LHH	gldm	LargeDependenceEmphasis	3.739130435
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.107721556
wavelet-LHH	gldm	DependenceVariance	0.714555766
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	965.3586957
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012569294
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.030587441
wavelet-LHH	glcm	JointAverage	14.67471384
wavelet-LHH	glcm	SumAverage	29.34942767
wavelet-LHH	glcm	JointEntropy	6.466095401
wavelet-LHH	glcm	ClusterShade	-100.9988902
wavelet-LHH	glcm	MaximumProbability	0.02581501
wavelet-LHH	glcm	Idmn	0.945688182
wavelet-LHH	glcm	JointEnergy	0.012239014
wavelet-LHH	glcm	Contrast	61.86739678
wavelet-LHH	glcm	DifferenceEntropy	3.787841666
wavelet-LHH	glcm	InverseVariance	0.153959528
wavelet-LHH	glcm	DifferenceVariance	22.23260756
wavelet-LHH	glcm	Idn	0.846005111
wavelet-LHH	glcm	Idm	0.143760742
wavelet-LHH	glcm	Correlation	-0.008752635
wavelet-LHH	glcm	Autocorrelation	215.1710102
wavelet-LHH	glcm	SumEntropy	4.455969254
wavelet-LHH	glcm	SumSquares	30.73282169
wavelet-LHH	glcm	ClusterProminence	12487.22231
wavelet-LHH	glcm	Imc2	0.989486472
wavelet-LHH	glcm	Imc1	-0.462644581
wavelet-LHH	glcm	DifferenceAverage	6.205360244
wavelet-LHH	glcm	Id	0.236975985
wavelet-LHH	glcm	ClusterTendency	61.06388997
wavelet-LHH	firstorder	InterquartileRange	182.7985862
wavelet-LHH	firstorder	Skewness	-0.124020255
wavelet-LHH	firstorder	Uniformity	0.057183365
wavelet-LHH	firstorder	Median	10.54840947
wavelet-LHH	firstorder	Energy	1848091.198
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	76.75736845
wavelet-LHH	firstorder	MeanAbsoluteDeviation	112.0353037
wavelet-LHH	firstorder	TotalEnergy	49898462.34
wavelet-LHH	firstorder	Maximum	402.2202563
wavelet-LHH	firstorder	RootMeanSquared	141.7319576
wavelet-LHH	firstorder	90Percentile	172.1769478
wavelet-LHH	firstorder	Minimum	-332.837802
wavelet-LHH	firstorder	Entropy	4.307819496
wavelet-LHH	firstorder	Range	735.0580583
wavelet-LHH	firstorder	Variance	20086.15978
wavelet-LHH	firstorder	10Percentile	-200.8175929
wavelet-LHH	firstorder	Kurtosis	2.932041817
wavelet-LHH	firstorder	Mean	1.337167133
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.02975307
wavelet-LHH	glrlm	GrayLevelVariance	33.29489321
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.030495666
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.056740937
wavelet-LHH	glrlm	RunVariance	0.028393757

wavelet-LHH	glrlm	GrayLevelNonUniformity	5.071758104
wavelet-LHH	glrlm	LongRunEmphasis	1.088109902
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	238.372465
wavelet-LHH	glrlm	RunLengthNonUniformity	84.32715092
wavelet-LHH	glrlm	ShortRunEmphasis	0.977972524
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	267.3462064
wavelet-LHH	glrlm	RunPercentage	0.971571906
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.033466048
wavelet-LHH	glrlm	RunEntropy	4.420541413
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	244.1672132
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.943212485
wavelet-LHH	glszm	GrayLevelVariance	39.62669095
wavelet-LHH	glszm	ZoneVariance	0.991675338
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050988554
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.561914672
wavelet-LHH	glszm	SizeZoneNonUniformity	34.83870968
wavelet-LHH	glszm	GrayLevelNonUniformity	3.161290323
wavelet-LHH	glszm	LargeAreaEmphasis	3.193548387
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	177.9902733
wavelet-LHH	glszm	ZonePercentage	0.673913043
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.085406164
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	796.8548387
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	236.983871
wavelet-LHH	glszm	SmallAreaEmphasis	0.776689068
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027204474
wavelet-LHH	glszm	ZoneEntropy	5.010174939
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014227816
wavelet-LHH	ngtdm	Coarseness	0.052194647
wavelet-LHH	ngtdm	Complexity	1075.432347
wavelet-LHH	ngtdm	Strength	9.958259101
wavelet-LHH	ngtdm	Contrast	0.570792719
wavelet-LHH	ngtdm	Busyness	0.062767355
wavelet-LLH	gldm	GrayLevelVariance	69.62996219
wavelet-LLH	gldm	HighGrayLevelEmphasis	468.7608696
wavelet-LLH	gldm	DependenceEntropy	5.479658695
wavelet-LLH	gldm	DependenceNonUniformity	44.17391304
wavelet-LLH	gldm	GrayLevelNonUniformity	4
wavelet-LLH	gldm	SmallDependenceEmphasis	0.713807367
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	339.2542633
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.480151229
wavelet-LLH	gldm	LargeDependenceEmphasis	3.043478261
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023180246
wavelet-LLH	gldm	DependenceVariance	0.72778828
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1324.586957
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015825853
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016792286
wavelet-LLH	glcm	JointAverage	19.49260233
wavelet-LLH	glcm	SumAverage	38.98520466
wavelet-LLH	glcm	JointEntropy	6.598639174
wavelet-LLH	glcm	ClusterShade	83.39709443
wavelet-LLH	glcm	MaximumProbability	0.021837545
wavelet-LLH	glcm	ldmn	0.943697959

wavelet-LLH	glcm	JointEnergy	0.010860205
wavelet-LLH	glcm	Contrast	112.9776264
wavelet-LLH	glcm	DifferenceEntropy	4.024625839
wavelet-LLH	glcm	InverseVariance	0.109233179
wavelet-LLH	glcm	DifferenceVariance	38.91295281
wavelet-LLH	glcm	Idn	0.842995351
wavelet-LLH	glcm	Idm	0.103757555
wavelet-LLH	glcm	Correlation	0.057853002
wavelet-LLH	glcm	Autocorrelation	384.2572591
wavelet-LLH	glcm	SumEntropy	4.75173938
wavelet-LLH	glcm	SumSquares	60.73362804
wavelet-LLH	glcm	ClusterProminence	48723.14681
wavelet-LLH	glcm	Imc2	0.997452871
wavelet-LLH	glcm	Imc1	-0.57495312
wavelet-LLH	glcm	DifferenceAverage	8.40160916
wavelet-LLH	glcm	Id	0.192229112
wavelet-LLH	glcm	ClusterTendency	129.9568858
wavelet-LLH	firstorder	InterquartileRange	282.6532628
wavelet-LLH	firstorder	Skewness	0.037270373
wavelet-LLH	firstorder	Uniformity	0.043478261
wavelet-LLH	firstorder	Median	-19.54786906
wavelet-LLH	firstorder	Energy	4050403.597
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	122.2867977
wavelet-LLH	firstorder	MeanAbsoluteDeviation	171.7230624
wavelet-LLH	firstorder	TotalEnergy	109360897.1
wavelet-LLH	firstorder	Maximum	516.3959397
wavelet-LLH	firstorder	RootMeanSquared	209.8240359
wavelet-LLH	firstorder	90Percentile	244.8901827
wavelet-LLH	firstorder	Minimum	-480.2912723
wavelet-LLH	firstorder	Entropy	4.755709141
wavelet-LLH	firstorder	Range	996.687212
wavelet-LLH	firstorder	Variance	43856.43436
wavelet-LLH	firstorder	10Percentile	-291.6149928
wavelet-LLH	firstorder	Kurtosis	2.578402943
wavelet-LLH	firstorder	Mean	-13.02657654
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017022461
wavelet-LLH	glrlm	GrayLevelVariance	70.52126813
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.017072133
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042749454
wavelet-LLH	glrlm	RunVariance	0.020051159
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.854236093
wavelet-LLH	glrlm	LongRunEmphasis	1.061827829
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	462.750112
wavelet-LLH	glrlm	RunLengthNonUniformity	86.56133763
wavelet-LLH	glrlm	ShortRunEmphasis	0.984543043
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	496.3320689
wavelet-LLH	glrlm	RunPercentage	0.97993311
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.017270822
wavelet-LLH	glrlm	RunEntropy	4.836637399
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	469.4665034
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.959897683
wavelet-LLH	glszm	GrayLevelVariance	81.5580242

wavelet-LLH	glszm	ZoneVariance	0.771672287
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037492561
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.704423725
wavelet-LLH	glszm	SizeZoneNonUniformity	50.01408451
wavelet-LLH	glszm	GrayLevelNonUniformity	2.661971831
wavelet-LLH	glszm	LargeAreaEmphasis	2.450704225
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	410.6702038
wavelet-LLH	glszm	ZonePercentage	0.77173913
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.025222744
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1090.507042
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	474.2676056
wavelet-LLH	glszm	SmallAreaEmphasis	0.863452541
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.020804209
wavelet-LLH	glszm	ZoneEntropy	5.286589197
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020304785
wavelet-LLH	ngtdm	Coarseness	0.046489454
wavelet-LLH	ngtdm	Complexity	2919.710367
wavelet-LLH	ngtdm	Strength	19.80151752
wavelet-LLH	ngtdm	Contrast	0.874626397
wavelet-LLH	ngtdm	Busyness	0.040971914
wavelet-LLL	gldm	GrayLevelVariance	500.1403592
wavelet-LLL	gldm	HighGrayLevelEmphasis	2719.369565
wavelet-LLL	gldm	DependenceEntropy	5.868511277
wavelet-LLL	gldm	DependenceNonUniformity	62.34782609
wavelet-LLL	gldm	GrayLevelNonUniformity	1.956521739
wavelet-LLL	gldm	SmallDependenceEmphasis	0.850241546
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2046.586353
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.677693762
wavelet-LLL	gldm	LargeDependenceEmphasis	1.695652174
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015268008
wavelet-LLL	gldm	DependenceVariance	0.213610586
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5877.217391
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014942606
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.015003685
wavelet-LLL	glcm	JointAverage	52.43878083
wavelet-LLL	glcm	SumAverage	104.8775617
wavelet-LLL	glcm	JointEntropy	6.742677566
wavelet-LLL	glcm	ClusterShade	-17908.92085
wavelet-LLL	glcm	MaximumProbability	0.015429011
wavelet-LLL	glcm	Idmn	0.936053538
wavelet-LLL	glcm	JointEnergy	0.009522222
wavelet-LLL	glcm	Contrast	609.2868944
wavelet-LLL	glcm	DifferenceEntropy	4.835449461
wavelet-LLL	glcm	InverseVariance	0.054168728
wavelet-LLL	glcm	DifferenceVariance	181.9059988
wavelet-LLL	glcm	Idn	0.829950574
wavelet-LLL	glcm	Idm	0.047978066
wavelet-LLL	glcm	Correlation	0.375211279
wavelet-LLL	glcm	Autocorrelation	2937.029765
wavelet-LLL	glcm	SumEntropy	5.411655184
wavelet-LLL	glcm	SumSquares	490.6317072
wavelet-LLL	glcm	ClusterProminence	4291511.761

wavelet-LLL	glcm	Imc2	0.999926318
wavelet-LLL	glcm	Imc1	-0.792874014
wavelet-LLL	glcm	DifferenceAverage	20.16531192
wavelet-LLL	glcm	Id	0.105640303
wavelet-LLL	glcm	ClusterTendency	1353.239934
wavelet-LLL	firstorder	InterquartileRange	1037.397437
wavelet-LLL	firstorder	Skewness	-0.080835405
wavelet-LLL	firstorder	Uniformity	0.021266541
wavelet-LLL	firstorder	Median	-698.6703037
wavelet-LLL	firstorder	Energy	75199153.31
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	365.9669431
wavelet-LLL	firstorder	MeanAbsoluteDeviation	477.7859601
wavelet-LLL	firstorder	TotalEnergy	2030377139
wavelet-LLL	firstorder	Maximum	366.6537819
wavelet-LLL	firstorder	RootMeanSquared	904.0918654
wavelet-LLL	firstorder	90Percentile	-18.35075879
wavelet-LLL	firstorder	Minimum	-1850.741587
wavelet-LLL	firstorder	Entropy	5.755853364
wavelet-LLL	firstorder	Range	2217.395369
wavelet-LLL	firstorder	Variance	313224.0857
wavelet-LLL	firstorder	10Percentile	-1422.207472
wavelet-LLL	firstorder	Kurtosis	2.006404086
wavelet-LLL	firstorder	Mean	-710.0408548
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015125527
wavelet-LLL	glrlm	GrayLevelVariance	498.7699495
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.015128026
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.021104855
wavelet-LLL	glrlm	RunVariance	0.008358323
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.92553281
wavelet-LLL	glrlm	LongRunEmphasis	1.025528318
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2675.212867
wavelet-LLL	glrlm	RunLengthNonUniformity	89.71958298
wavelet-LLL	glrlm	ShortRunEmphasis	0.993617921
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2819.420742
wavelet-LLL	glrlm	RunPercentage	0.991638796
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.015138023
wavelet-LLL	glrlm	RunEntropy	5.774637618
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2704.054442
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.983283355
wavelet-LLL	glszm	GrayLevelVariance	476.9750149
wavelet-LLL	glszm	ZoneVariance	0.155859607
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019631172
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.820345033
wavelet-LLL	glszm	SizeZoneNonUniformity	67.26829268
wavelet-LLL	glszm	GrayLevelNonUniformity	1.609756098
wavelet-LLL	glszm	LargeAreaEmphasis	1.414634146
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2158.365176
wavelet-LLL	glszm	ZonePercentage	0.891304348
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016938989
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4389.073171
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2499.780488
wavelet-LLL	glszm	SmallAreaEmphasis	0.923441734

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.01678566
wavelet-LLL	glszm	ZoneEntropy	5.866519535
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01675294
wavelet-LLL	ngtdm	Coarseness	0.038772679
wavelet-LLL	ngtdm	Complexity	25094.8022
wavelet-LLL	ngtdm	Strength	104.6917651
wavelet-LLL	ngtdm	Contrast	3.609879762
wavelet-LLL	ngtdm	Busyness	0.011497707
wavelet-HHL	gldm	GrayLevelVariance	11.04820416
wavelet-HHL	gldm	HighGrayLevelEmphasis	89.7173913
wavelet-HHL	gldm	DependenceEntropy	5.178013587
wavelet-HHL	gldm	DependenceNonUniformity	21.52173913
wavelet-HHL	gldm	GrayLevelNonUniformity	8.413043478
wavelet-HHL	gldm	SmallDependenceEmphasis	0.395863342
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	36.82682694
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.233931947
wavelet-HHL	gldm	LargeDependenceEmphasis	8
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.159149257
wavelet-HHL	gldm	DependenceVariance	1.858223062
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	661.4782609
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.033804178
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.043758972
wavelet-HHL	glcm	JointAverage	8.663464769
wavelet-HHL	glcm	SumAverage	17.32692954
wavelet-HHL	glcm	JointEntropy	6.0284118
wavelet-HHL	glcm	ClusterShade	-4.270262919
wavelet-HHL	glcm	MaximumProbability	0.038973496
wavelet-HHL	glcm	Idmn	0.940506565
wavelet-HHL	glcm	JointEnergy	0.017524672
wavelet-HHL	glcm	Contrast	20.44539803
wavelet-HHL	glcm	DifferenceEntropy	3.083625906
wavelet-HHL	glcm	InverseVariance	0.249729092
wavelet-HHL	glcm	DifferenceVariance	7.091354254
wavelet-HHL	glcm	Idn	0.838988143
wavelet-HHL	glcm	Idm	0.240980551
wavelet-HHL	glcm	Correlation	0.032199064
wavelet-HHL	glcm	Autocorrelation	75.4942726
wavelet-HHL	glcm	SumEntropy	3.904786666
wavelet-HHL	glcm	SumSquares	10.64411277
wavelet-HHL	glcm	ClusterProminence	1501.42005
wavelet-HHL	glcm	Imc2	0.946133374
wavelet-HHL	glcm	Imc1	-0.318402338
wavelet-HHL	glcm	DifferenceAverage	3.596065162
wavelet-HHL	glcm	Id	0.33269187
wavelet-HHL	glcm	ClusterTendency	22.13105305
wavelet-HHL	firstorder	InterquartileRange	98.59968167
wavelet-HHL	firstorder	Skewness	-0.073092388
wavelet-HHL	firstorder	Uniformity	0.091446125
wavelet-HHL	firstorder	Median	15.93078921
wavelet-HHL	firstorder	Energy	630265.5692
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	44.43638916
wavelet-HHL	firstorder	MeanAbsoluteDeviation	65.7796274

wavelet-HHL	firstorder	TotalEnergy	17017170.37
wavelet-HHL	firstorder	Maximum	208.5983636
wavelet-HHL	firstorder	RootMeanSquared	82.76903231
wavelet-HHL	firstorder	90Percentile	107.8840998
wavelet-HHL	firstorder	Minimum	-180.5882733
wavelet-HHL	firstorder	Entropy	3.652343816
wavelet-HHL	firstorder	Range	389.186637
wavelet-HHL	firstorder	Variance	6753.475874
wavelet-HHL	firstorder	10Percentile	-102.5416216
wavelet-HHL	firstorder	Kurtosis	2.869712368
wavelet-HHL	firstorder	Mean	9.860873975
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.044683053
wavelet-HHL	glrlm	GrayLevelVariance	11.41335789
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.045421615
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.089682039
wavelet-HHL	glrlm	RunVariance	0.061764251
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.783901149
wavelet-HHL	glrlm	LongRunEmphasis	1.18884123
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	86.31630104
wavelet-HHL	glrlm	RunLengthNonUniformity	77.50076193
wavelet-HHL	glrlm	ShortRunEmphasis	0.955737196
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	105.910045
wavelet-HHL	glrlm	RunPercentage	0.943143813
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.048537974
wavelet-HHL	glrlm	RunEntropy	3.898502685
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	90.05584408
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.891653292
wavelet-HHL	glszm	GrayLevelVariance	17.07179752
wavelet-HHL	glszm	ZoneVariance	3.400826446
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.075413223
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.422520661
wavelet-HHL	glszm	SizeZoneNonUniformity	18.59090909
wavelet-HHL	glszm	GrayLevelNonUniformity	3.318181818
wavelet-HHL	glszm	LargeAreaEmphasis	7.772727273
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	61.88777427
wavelet-HHL	glszm	ZonePercentage	0.47826087
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.186560389
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	658.5
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	92.84090909
wavelet-HHL	glszm	SmallAreaEmphasis	0.661740495
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.073297167
wavelet-HHL	glszm	ZoneEntropy	4.587510528
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.067994187
wavelet-HHL	ngtdm	Coarseness	0.06247483
wavelet-HHL	ngtdm	Complexity	241.4451204
wavelet-HHL	ngtdm	Strength	4.69844733
wavelet-HHL	ngtdm	Contrast	0.234553175
wavelet-HHL	ngtdm	Busyness	0.130827386
wavelet-HLH	gldm	GrayLevelVariance	21.6969518
wavelet-HLH	gldm	HighGrayLevelEmphasis	243.7717391
wavelet-HLH	gldm	DependenceEntropy	5.057324424
wavelet-HLH	gldm	DependenceNonUniformity	26.7826087



wavelet-HLH	gldm	GrayLevelNonUniformity	6.630434783
wavelet-HLH	gldm	SmallDependenceEmphasis	0.455202295
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	116.952814
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.291115312
wavelet-HLH	gldm	LargeDependenceEmphasis	5.391304348
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038764189
wavelet-HLH	gldm	DependenceVariance	1.035916824
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1255.336957
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013840757
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.016766329
wavelet-HLH	glcm	JointAverage	14.83328265
wavelet-HLH	glcm	SumAverage	29.6665653
wavelet-HLH	glcm	JointEntropy	6.230157892
wavelet-HLH	glcm	ClusterShade	12.57177697
wavelet-HLH	glcm	MaximumProbability	0.031820952
wavelet-HLH	glcm	Idmn	0.95811758
wavelet-HLH	glcm	JointEnergy	0.014948986
wavelet-HLH	glcm	Contrast	41.18548965
wavelet-HLH	glcm	DifferenceEntropy	3.455455322
wavelet-HLH	glcm	InverseVariance	0.189923553
wavelet-HLH	glcm	DifferenceVariance	16.21693096
wavelet-HLH	glcm	Idn	0.865944956
wavelet-HLH	glcm	Idm	0.186679061
wavelet-HLH	glcm	Correlation	-0.031168919
wavelet-HLH	glcm	Autocorrelation	219.4519554
wavelet-HLH	glcm	SumEntropy	4.147766876
wavelet-HLH	glcm	SumSquares	19.97489379
wavelet-HLH	glcm	ClusterProminence	6394.976288
wavelet-HLH	glcm	Imc2	0.977331663
wavelet-HLH	glcm	Imc1	-0.401175428
wavelet-HLH	glcm	DifferenceAverage	4.925776905
wavelet-HLH	glcm	Id	0.281336251
wavelet-HLH	glcm	ClusterTendency	38.71408553
wavelet-HLH	firstorder	InterquartileRange	139.8439314
wavelet-HLH	firstorder	Skewness	0.223833644
wavelet-HLH	firstorder	Uniformity	0.072069943
wavelet-HLH	firstorder	Median	9.725322882
wavelet-HLH	firstorder	Energy	1257568.319
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	58.07998145
wavelet-HLH	firstorder	MeanAbsoluteDeviation	88.92989172
wavelet-HLH	firstorder	TotalEnergy	33954344.61
wavelet-HLH	firstorder	Maximum	364.0065846
wavelet-HLH	firstorder	RootMeanSquared	116.9154432
wavelet-HLH	firstorder	90Percentile	125.0194668
wavelet-HLH	firstorder	Minimum	-344.2407131
wavelet-HLH	firstorder	Entropy	3.972297524
wavelet-HLH	firstorder	Range	708.2472977
wavelet-HLH	firstorder	Variance	13576.36125
wavelet-HLH	firstorder	10Percentile	-136.6075576
wavelet-HLH	firstorder	Kurtosis	4.114871926
wavelet-HLH	firstorder	Mean	9.636368863
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017122629

wavelet-HLH	glrlm	GrayLevelVariance	22.31251469
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.017282661
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.071279287
wavelet-HLH	glrlm	RunVariance	0.048735517
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.283754631
wavelet-HLH	glrlm	LongRunEmphasis	1.139953919
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	237.061125
wavelet-HLH	glrlm	RunLengthNonUniformity	81.45344334
wavelet-HLH	glrlm	ShortRunEmphasis	0.968952862
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	276.8217965
wavelet-HLH	glrlm	RunPercentage	0.95819398
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.017992685
wavelet-HLH	glrlm	RunEntropy	4.136503374
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	244.2730933
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.922890275
wavelet-HLH	glszm	GrayLevelVariance	32.8676
wavelet-HLH	glszm	ZoneVariance	3.1344
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.0672
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.456
wavelet-HLH	glszm	SizeZoneNonUniformity	22.8
wavelet-HLH	glszm	GrayLevelNonUniformity	3.36
wavelet-HLH	glszm	LargeAreaEmphasis	6.52
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	181.1688465
wavelet-HLH	glszm	ZonePercentage	0.543478261
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.053233828
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1535.5
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	252.5
wavelet-HLH	glszm	SmallAreaEmphasis	0.691566358
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026496112
wavelet-HLH	glszm	ZoneEntropy	4.82346519
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.024669038
wavelet-HLH	ngtdm	Coarseness	0.05336843
wavelet-HLH	ngtdm	Complexity	640.8778987
wavelet-HLH	ngtdm	Strength	8.025982267
wavelet-HLH	ngtdm	Contrast	0.425135108
wavelet-HLH	ngtdm	Busyness	0.077351951

Image type	Feature Class	Feature Name	
general	info	BoundingBox	5: RTSTRUCT: C99-DNU_segment_LLL ITV (0, 1, 1, 6, 9, 13)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	7e565a2e2f0fc4d51ac9e268eb6ca28c52b0bcb
general	info	ImageHash	3
general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	MaskHash	7f0c26c423662efb531fb7603f24310d0da8e97f
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	98
original	shape	Maximum3DDiameter	43.37049688
original	shape	Maximum2DDiameterSlice	13.41640786
original	shape	Sphericity	0.665133837
original	shape	MinorAxis	15.80058606
original	shape	Elongation	0.363470211
original	shape	SurfaceVolumeRatio	0.525668317
original	shape	Volume	2646
original	shape	MajorAxis	43.47147465
original	shape	SurfaceArea	1390.918367
original	shape	Flatness	0.202690997
original	shape	LeastAxis	8.811276527
original	shape	Maximum2DDiameterColumn	21.21320344
original	shape	Maximum2DDiameterRow	41.67733197
original	gldm	GrayLevelVariance	94.84600167
original	gldm	HighGrayLevelEmphasis	772.4387755
original	gldm	DependenceEntropy	5.442323589
original	gldm	DependenceNonUniformity	33.93877551
original	gldm	GrayLevelNonUniformity	4.93877551
original	gldm	SmallDependenceEmphasis	0.598371512
original	gldm	SmallDependenceHighGrayLevelEmphasis	338.9784278
original	gldm	DependenceNonUniformityNormalized	0.346314036
original	gldm	LargeDependenceEmphasis	5.408163265
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.017959761
original	gldm	DependenceVariance	1.649312786
original	gldm	LargeDependenceHighGrayLevelEmphasis	6080.255102
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.013092469

original	gldm	LowGrayLevelEmphasis	0.013625681
original	glcm	JointAverage	27.83353532
original	glcm	SumAverage	55.66707065
original	glcm	JointEntropy	6.19578104
original	glcm	ClusterShade	-1813.236652
original	glcm	MaximumProbability	0.037646626
original	glcm	Idmn	0.913843184
original	glcm	JointEnergy	0.01561764
original	glcm	Contrast	172.6939996
original	glcm	DifferenceEntropy	4.121457718
original	glcm	InverseVariance	0.164110561
original	glcm	DifferenceVariance	74.07412148
original	glcm	Idn	0.823490774
original	glcm	Idm	0.163634067
original	glcm	Correlation	0.060822903
original	glcm	Autocorrelation	780.0335516
original	glcm	SumEntropy	4.633000092
original	glcm	SumSquares	91.45646687
original	glcm	ClusterProminence	102777.3634
original	glcm	Imc2	0.995059124
original	glcm	Imc1	-0.549833099
original	glcm	DifferenceAverage	9.771187574
original	glcm	Id	0.234015357
original	glcm	ClusterTendency	193.1318679
original	firstorder	InterquartileRange	388.5
original	firstorder	Skewness	-0.623292031
original	firstorder	Uniformity	0.050395668
original	firstorder	Median	-109
original	firstorder	Energy	10217246
original	firstorder	RobustMeanAbsoluteDeviation	172.2879684
original	firstorder	MeanAbsoluteDeviation	214.364848
original	firstorder	TotalEnergy	275865642
original	firstorder	Maximum	104
original	firstorder	RootMeanSquared	322.8894737
original	firstorder	90Percentile	40.9
original	firstorder	Minimum	-827
original	firstorder	Entropy	4.583834912
original	firstorder	Range	931
original	firstorder	Variance	59114.37151
original	firstorder	10Percentile	-553.8
original	firstorder	Kurtosis	2.225716815
original	firstorder	Mean	-212.4693878
original	glrlm	ShortRunLowGrayLevelEmphasis	0.014072466
original	glrlm	GrayLevelVariance	94.95274725
original	glrlm	LowGrayLevelRunEmphasis	0.01410249
original	glrlm	GrayLevelNonUniformityNormalized	0.048657871
original	glrlm	RunVariance	0.041093899
original	glrlm	GrayLevelNonUniformity	4.59898581
original	glrlm	LongRunEmphasis	1.119250821
original	glrlm	ShortRunHighGrayLevelEmphasis	726.444317
original	glrlm	RunLengthNonUniformity	88.13449934
original	glrlm	ShortRunEmphasis	0.973025862
original	glrlm	LongRunHighGrayLevelEmphasis	897.0830225

original	glrlm	RunPercentage	0.96389325
original	glrlm	LongRunLowGrayLevelEmphasis	0.014231189
original	glrlm	RunEntropy	4.735139076
original	glrlm	HighGrayLevelRunEmphasis	757.5735713
original	glrlm	RunLengthNonUniformityNormalized	0.932122295
original	glszm	GrayLevelVariance	85.79272461
original	glszm	ZoneVariance	2.436523438
original	glszm	GrayLevelNonUniformityNormalized	0.04296875
original	glszm	SizeZoneNonUniformityNormalized	0.65234375
original	glszm	SizeZoneNonUniformity	41.75
original	glszm	GrayLevelNonUniformity	2.75
original	glszm	LargeAreaEmphasis	4.78125
original	glszm	SmallAreaHighGrayLevelEmphasis	431.3695121
original	glszm	ZonePercentage	0.653061224
original	glszm	LargeAreaLowGrayLevelEmphasis	0.023846852
original	glszm	LargeAreaHighGrayLevelEmphasis	5193.265625
original	glszm	HighGrayLevelZoneEmphasis	585.734375
original	glszm	SmallAreaEmphasis	0.831631679
original	glszm	LowGrayLevelZoneEmphasis	0.020224513
original	glszm	ZoneEntropy	5.033214016
original	glszm	SmallAreaLowGrayLevelEmphasis	0.01992569
original	ngtdm	Coarseness	0.031000589
original	ngtdm	Complexity	3407.5985
original	ngtdm	Strength	19.03051448
original	ngtdm	Contrast	1.517616586
original	ngtdm	Busyness	0.036105238
wavelet-HHH	gldm	GrayLevelVariance	26.14493961
wavelet-HHH	gldm	HighGrayLevelEmphasis	440.1428571
wavelet-HHH	gldm	DependenceEntropy	5.101214753
wavelet-HHH	gldm	DependenceNonUniformity	36.12244898
wavelet-HHH	gldm	GrayLevelNonUniformity	6.836734694
wavelet-HHH	gldm	SmallDependenceEmphasis	0.595167234
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	265.6551162
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.368596418
wavelet-HHH	gldm	LargeDependenceEmphasis	3.734693878
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.019742515
wavelet-HHH	gldm	DependenceVariance	0.725531029
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1677.653061
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011880861
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.012945748
wavelet-HHH	glcm	JointAverage	20.4321788
wavelet-HHH	glcm	SumAverage	40.8643576
wavelet-HHH	glcm	JointEntropy	6.191467086
wavelet-HHH	glcm	ClusterShade	83.21686321
wavelet-HHH	glcm	MaximumProbability	0.038233633
wavelet-HHH	glcm	ldmn	0.963066681
wavelet-HHH	glcm	JointEnergy	0.01537027
wavelet-HHH	glcm	Contrast	50.69017203
wavelet-HHH	glcm	DifferenceEntropy	3.550002655
wavelet-HHH	glcm	InverseVariance	0.154608854
wavelet-HHH	glcm	DifferenceVariance	17.73559551
wavelet-HHH	glcm	ldn	0.869257892
wavelet-HHH	glcm	ldm	0.15608107

wavelet-HHH	glcm	Correlation	-0.023732387
wavelet-HHH	glcm	Autocorrelation	416.7856101
wavelet-HHH	glcm	SumEntropy	4.250321671
wavelet-HHH	glcm	SumSquares	24.59272569
wavelet-HHH	glcm	ClusterProminence	7044.476049
wavelet-HHH	glcm	Imc2	0.985500778
wavelet-HHH	glcm	Imc1	-0.451475588
wavelet-HHH	glcm	DifferenceAverage	5.678824508
wavelet-HHH	glcm	Id	0.250790633
wavelet-HHH	glcm	ClusterTendency	47.68073074
wavelet-HHH	firstorder	InterquartileRange	145.1686025
wavelet-HHH	firstorder	Skewness	0.050576797
wavelet-HHH	firstorder	Uniformity	0.069762599
wavelet-HHH	firstorder	Median	-9.230690273
wavelet-HHH	firstorder	Energy	1571830.756
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	62.83423342
wavelet-HHH	firstorder	MeanAbsoluteDeviation	94.84092311
wavelet-HHH	firstorder	TotalEnergy	42439430.42
wavelet-HHH	firstorder	Maximum	355.1437511
wavelet-HHH	firstorder	RootMeanSquared	126.6455264
wavelet-HHH	firstorder	90Percentile	152.5571733
wavelet-HHH	firstorder	Minimum	-478.2795494
wavelet-HHH	firstorder	Entropy	4.099408566
wavelet-HHH	firstorder	Range	833.4233006
wavelet-HHH	firstorder	Variance	16028.091
wavelet-HHH	firstorder	10Percentile	-142.3634128
wavelet-HHH	firstorder	Kurtosis	4.61071743
wavelet-HHH	firstorder	Mean	-3.316375834
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013197388
wavelet-HHH	glrlm	GrayLevelVariance	26.52386101
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.013252907
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.069181333
wavelet-HHH	glrlm	RunVariance	0.029834829
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.588323873
wavelet-HHH	glrlm	LongRunEmphasis	1.090182952
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	430.5312306
wavelet-HHH	glrlm	RunLengthNonUniformity	90.07798668
wavelet-HHH	glrlm	ShortRunEmphasis	0.978363518
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	480.5752159
wavelet-HHH	glrlm	RunPercentage	0.971742543
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.013479972
wavelet-HHH	glrlm	RunEntropy	4.209647204
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	440.0097494
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.945083624
wavelet-HHH	glszm	GrayLevelVariance	31.87525061
wavelet-HHH	glszm	ZoneVariance	0.756070394
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.065270662
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.562040544
wavelet-HHH	glszm	SizeZoneNonUniformity	37.65671642
wavelet-HHH	glszm	GrayLevelNonUniformity	4.373134328
wavelet-HHH	glszm	LargeAreaEmphasis	2.895522388
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	348.7575663
wavelet-HHH	glszm	ZonePercentage	0.683673469

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.022486851
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1302.268657
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	440.880597
wavelet-HHH	glszm	SmallAreaEmphasis	0.77694859
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.017735096
wavelet-HHH	glszm	ZoneEntropy	4.813609385
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.017125197
wavelet-HHH	ngtdm	Coarseness	0.052072406
wavelet-HHH	ngtdm	Complexity	936.0036706
wavelet-HHH	ngtdm	Strength	10.37205032
wavelet-HHH	ngtdm	Contrast	0.429226239
wavelet-HHH	ngtdm	Busyness	0.049143379
wavelet-HLL	gldm	GrayLevelVariance	27.24323199
wavelet-HLL	gldm	HighGrayLevelEmphasis	195.1836735
wavelet-HLL	gldm	DependenceEntropy	5.232220625
wavelet-HLL	gldm	DependenceNonUniformity	38.97959184
wavelet-HLL	gldm	GrayLevelNonUniformity	5.979591837
wavelet-HLL	gldm	SmallDependenceEmphasis	0.617825964
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	120.582585
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.397750937
wavelet-HLL	gldm	LargeDependenceEmphasis	3.897959184
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.047597346
wavelet-HLL	gldm	DependenceVariance	0.959183673
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	696.6122449
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019271406
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.022769852
wavelet-HLL	glcm	JointAverage	12.58496916
wavelet-HLL	glcm	SumAverage	25.16993831
wavelet-HLL	glcm	JointEntropy	6.173512364
wavelet-HLL	glcm	ClusterShade	72.15748699
wavelet-HLL	glcm	MaximumProbability	0.03604895
wavelet-HLL	glcm	Idmn	0.939816263
wavelet-HLL	glcm	JointEnergy	0.015676657
wavelet-HLL	glcm	Contrast	48.59245645
wavelet-HLL	glcm	DifferenceEntropy	3.571373704
wavelet-HLL	glcm	InverseVariance	0.148843932
wavelet-HLL	glcm	DifferenceVariance	16.58639728
wavelet-HLL	glcm	Idn	0.836866716
wavelet-HLL	glcm	Idm	0.154314811
wavelet-HLL	glcm	Correlation	0.078099559
wavelet-HLL	glcm	Autocorrelation	160.5215828
wavelet-HLL	glcm	SumEntropy	4.321055194
wavelet-HLL	glcm	SumSquares	26.34471917
wavelet-HLL	glcm	ClusterProminence	9456.158294
wavelet-HLL	glcm	Imc2	0.990920063
wavelet-HLL	glcm	Imc1	-0.509045623
wavelet-HLL	glcm	DifferenceAverage	5.571118152
wavelet-HLL	glcm	Id	0.251316059
wavelet-HLL	glcm	ClusterTendency	56.78642023
wavelet-HLL	firstorder	InterquartileRange	173.8868226
wavelet-HLL	firstorder	Skewness	0.007016338
wavelet-HLL	firstorder	Uniformity	0.061016243
wavelet-HLL	firstorder	Median	-67.59704912

wavelet-HLL	firstorder	Energy	2048405.653
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	73.17324645
wavelet-HLL	firstorder	MeanAbsoluteDeviation	104.178542
wavelet-HLL	firstorder	TotalEnergy	55306952.63
wavelet-HLL	firstorder	Maximum	260.4571276
wavelet-HLL	firstorder	RootMeanSquared	144.5755806
wavelet-HLL	firstorder	90Percentile	96.22306437
wavelet-HLL	firstorder	Minimum	-352.5762377
wavelet-HLL	firstorder	Entropy	4.226657642
wavelet-HLL	firstorder	Range	613.0333653
wavelet-HLL	firstorder	Variance	16949.4104
wavelet-HLL	firstorder	10Percentile	-248.3724936
wavelet-HLL	firstorder	Kurtosis	2.691555682
wavelet-HLL	firstorder	Mean	-62.87040716
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.022994803
wavelet-HLL	grlm	GrayLevelVariance	27.5544893
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.023164441
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.059913897
wavelet-HLL	grlm	RunVariance	0.029087979
wavelet-HLL	grlm	GrayLevelNonUniformity	5.710508252
wavelet-HLL	grlm	LongRunEmphasis	1.086994856
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	191.6943302
wavelet-HLL	grlm	RunLengthNonUniformity	90.24804221
wavelet-HLL	grlm	ShortRunEmphasis	0.979170319
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	211.1252151
wavelet-HLL	grlm	RunPercentage	0.972527473
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.023990038
wavelet-HLL	grlm	RunEntropy	4.33774944
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	195.5621265
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.946573368
wavelet-HLL	glszm	GrayLevelVariance	30.65910523
wavelet-HLL	glszm	ZoneVariance	1.171182525
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.055240496
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.585381222
wavelet-HLL	glszm	SizeZoneNonUniformity	40.39130435
wavelet-HLL	glszm	GrayLevelNonUniformity	3.811594203
wavelet-HLL	glszm	LargeAreaEmphasis	3.188405797
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	154.2516103
wavelet-HLL	glszm	ZonePercentage	0.704081633
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.047409347
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	574.1449275
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	197.4057971
wavelet-HLL	glszm	SmallAreaEmphasis	0.792852031
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.028449027
wavelet-HLL	glszm	ZoneEntropy	4.97991137
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.026540184
wavelet-HLL	ngtdm	Coarseness	0.056558728
wavelet-HLL	ngtdm	Complexity	693.5729259
wavelet-HLL	ngtdm	Strength	8.495212952
wavelet-HLL	ngtdm	Contrast	0.453519178
wavelet-HLL	ngtdm	Busyness	0.079657605
wavelet-LHL	gldm	GrayLevelVariance	214.2286547
wavelet-LHL	gldm	HighGrayLevelEmphasis	1856.959184



wavelet-LHL	gldm	DependenceEntropy	5.530376553
wavelet-LHL	gldm	DependenceNonUniformity	67.46938776
wavelet-LHL	gldm	GrayLevelNonUniformity	2.959183673
wavelet-LHL	gldm	SmallDependenceEmphasis	0.856575964
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1667.05102
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.68846314
wavelet-LHL	gldm	LargeDependenceEmphasis	1.755102041
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013113643
wavelet-LHL	gldm	DependenceVariance	0.255726781
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2820.265306
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01211256
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.012271514
wavelet-LHL	glcm	JointAverage	41.19937442
wavelet-LHL	glcm	SumAverage	82.39874884
wavelet-LHL	glcm	JointEntropy	6.456571664
wavelet-LHL	glcm	ClusterShade	-2771.951621
wavelet-LHL	glcm	MaximumProbability	0.022928901
wavelet-LHL	glcm	ldmn	0.935748853
wavelet-LHL	glcm	JointEnergy	0.012160994
wavelet-LHL	glcm	Contrast	381.2629024
wavelet-LHL	glcm	DifferenceEntropy	4.392736473
wavelet-LHL	glcm	InverseVariance	0.080360282
wavelet-LHL	glcm	DifferenceVariance	120.8459168
wavelet-LHL	glcm	ldn	0.835330378
wavelet-LHL	glcm	ldm	0.064421047
wavelet-LHL	glcm	Correlation	0.047392702
wavelet-LHL	glcm	Autocorrelation	1707.552691
wavelet-LHL	glcm	SumEntropy	4.891527546
wavelet-LHL	glcm	SumSquares	199.812184
wavelet-LHL	glcm	ClusterProminence	486144.3284
wavelet-LHL	glcm	lmc2	0.999585248
wavelet-LHL	glcm	lmc1	-0.717693727
wavelet-LHL	glcm	DifferenceAverage	15.34339427
wavelet-LHL	glcm	ld	0.132891306
wavelet-LHL	glcm	ClusterTendency	417.9858336
wavelet-LHL	firstorder	InterquartileRange	572.4879633
wavelet-LHL	firstorder	Skewness	-0.333041251
wavelet-LHL	firstorder	Uniformity	0.030195752
wavelet-LHL	firstorder	Median	91.03314321
wavelet-LHL	firstorder	Energy	13394530.64
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	224.405458
wavelet-LHL	firstorder	MeanAbsoluteDeviation	303.0402377
wavelet-LHL	firstorder	TotalEnergy	361652327.4
wavelet-LHL	firstorder	Maximum	783.5056732
wavelet-LHL	firstorder	RootMeanSquared	369.701074
wavelet-LHL	firstorder	90Percentile	511.4141004
wavelet-LHL	firstorder	Minimum	-940.5009469
wavelet-LHL	firstorder	Entropy	5.244925855
wavelet-LHL	firstorder	Range	1724.00662
wavelet-LHL	firstorder	Variance	134124.2439
wavelet-LHL	firstorder	10Percentile	-408.7369195
wavelet-LHL	firstorder	Kurtosis	2.579219453
wavelet-LHL	firstorder	Mean	50.54344918

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.012362969
wavelet-LHL	grlm	GrayLevelVariance	214.7052779
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.012370358
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.029986136
wavelet-LHL	grlm	RunVariance	0.008626925
wavelet-LHL	grlm	GrayLevelNonUniformity	2.913673352
wavelet-LHL	grlm	LongRunEmphasis	1.026572545
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1853.323652
wavelet-LHL	grlm	RunLengthNonUniformity	95.50530368
wavelet-LHL	grlm	ShortRunEmphasis	0.993356864
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1896.359884
wavelet-LHL	grlm	RunPercentage	0.991365777
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.012399912
wavelet-LHL	grlm	RunEntropy	5.272672856
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1861.930899
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.982746151
wavelet-LHL	glszm	GrayLevelVariance	220.4065083
wavelet-LHL	glszm	ZoneVariance	0.146177686
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027892562
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.83161157
wavelet-LHL	glszm	SizeZoneNonUniformity	73.18181818
wavelet-LHL	glszm	GrayLevelNonUniformity	2.454545455
wavelet-LHL	glszm	LargeAreaEmphasis	1.386363636
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1820.414773
wavelet-LHL	glszm	ZonePercentage	0.897959184
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.013954013
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2443.909091
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1914.477273
wavelet-LHL	glszm	SmallAreaEmphasis	0.928661616
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.01354252
wavelet-LHL	glszm	ZoneEntropy	5.510456903
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013462447
wavelet-LHL	ngtdm	Coarseness	0.034781968
wavelet-LHL	ngtdm	Complexity	10531.13858
wavelet-LHL	ngtdm	Strength	40.69631908
wavelet-LHL	ngtdm	Contrast	2.479761561
wavelet-LHL	ngtdm	Busyness	0.021925109
wavelet-LHH	gldm	GrayLevelVariance	127.6785714
wavelet-LHH	gldm	HighGrayLevelEmphasis	939.9285714
wavelet-LHH	gldm	DependenceEntropy	5.470434686
wavelet-LHH	gldm	DependenceNonUniformity	52.95918367
wavelet-LHH	gldm	GrayLevelNonUniformity	3.551020408
wavelet-LHH	gldm	SmallDependenceEmphasis	0.755668934
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	739.6235828
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.540399833
wavelet-LHH	gldm	LargeDependenceEmphasis	2.204081633
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015998224
wavelet-LHH	gldm	DependenceVariance	0.334443982
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1902.826531
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012746851
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.013263599
wavelet-LHH	glcm	JointAverage	28.36719104
wavelet-LHH	glcm	SumAverage	56.73438207

wavelet-LHH	glcm	JointEntropy	6.414176565
wavelet-LHH	glcm	ClusterShade	-656.1936412
wavelet-LHH	glcm	MaximumProbability	0.022005793
wavelet-LHH	glcm	Idmn	0.947676746
wavelet-LHH	glcm	JointEnergy	0.012497608
wavelet-LHH	glcm	Contrast	252.2067892
wavelet-LHH	glcm	DifferenceEntropy	4.229213773
wavelet-LHH	glcm	InverseVariance	0.076057169
wavelet-LHH	glcm	DifferenceVariance	84.50608495
wavelet-LHH	glcm	Idn	0.848723811
wavelet-LHH	glcm	Idm	0.075695464
wavelet-LHH	glcm	Correlation	-0.014365709
wavelet-LHH	glcm	Autocorrelation	803.7317925
wavelet-LHH	glcm	SumEntropy	4.810857804
wavelet-LHH	glcm	SumSquares	124.3947355
wavelet-LHH	glcm	ClusterProminence	166908.6666
wavelet-LHH	glcm	Imc2	0.999150368
wavelet-LHH	glcm	Imc1	-0.671265267
wavelet-LHH	glcm	DifferenceAverage	12.52627985
wavelet-LHH	glcm	Id	0.151124168
wavelet-LHH	glcm	ClusterTendency	245.3721528
wavelet-LHH	firstorder	InterquartileRange	428.7799841
wavelet-LHH	firstorder	Skewness	0.181981113
wavelet-LHH	firstorder	Uniformity	0.036234902
wavelet-LHH	firstorder	Median	-21.34901741
wavelet-LHH	firstorder	Energy	7885775.813
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	169.7341795
wavelet-LHH	firstorder	MeanAbsoluteDeviation	231.5166458
wavelet-LHH	firstorder	TotalEnergy	212915946.9
wavelet-LHH	firstorder	Maximum	854.9539547
wavelet-LHH	firstorder	RootMeanSquared	283.6672349
wavelet-LHH	firstorder	90Percentile	309.4597575
wavelet-LHH	firstorder	Minimum	-716.3756305
wavelet-LHH	firstorder	Entropy	4.99216157
wavelet-LHH	firstorder	Range	1571.329585
wavelet-LHH	firstorder	Variance	79816.67535
wavelet-LHH	firstorder	10Percentile	-354.1529886
wavelet-LHH	firstorder	Kurtosis	2.923736939
wavelet-LHH	firstorder	Mean	-25.50342684
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.013400228
wavelet-LHH	grlm	GrayLevelVariance	127.8335869
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.013424338
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.036134491
wavelet-LHH	grlm	RunVariance	0.014115067
wavelet-LHH	grlm	GrayLevelNonUniformity	3.491231713
wavelet-LHH	grlm	LongRunEmphasis	1.0436272
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	933.0385602
wavelet-LHH	grlm	RunLengthNonUniformity	93.92723351
wavelet-LHH	grlm	ShortRunEmphasis	0.9890932
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	977.0931929
wavelet-LHH	grlm	RunPercentage	0.985871272
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.013520776
wavelet-LHH	grlm	RunEntropy	5.033433921

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	941.8494868
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.971769867
wavelet-LHH	glszm	GrayLevelVariance	130.8992532
wavelet-LHH	glszm	ZoneVariance	0.239902454
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.034293553
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.704008535
wavelet-LHH	glszm	SizeZoneNonUniformity	57.02469136
wavelet-LHH	glszm	GrayLevelNonUniformity	2.777777778
wavelet-LHH	glszm	LargeAreaEmphasis	1.703703704
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	851.4458162
wavelet-LHH	glszm	ZonePercentage	0.826530612
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.017063277
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1567.54321
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	960.4814815
wavelet-LHH	glszm	SmallAreaEmphasis	0.865226337
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.015611342
wavelet-LHH	glszm	ZoneEntropy	5.384491015
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015328363
wavelet-LHH	ngtdm	Coarseness	0.035596649
wavelet-LHH	ngtdm	Complexity	6087.509986
wavelet-LHH	ngtdm	Strength	28.10876578
wavelet-LHH	ngtdm	Contrast	1.624728735
wavelet-LHH	ngtdm	Busyness	0.03533289
wavelet-LLH	gldm	GrayLevelVariance	240.9325281
wavelet-LLH	gldm	HighGrayLevelEmphasis	1525.204082
wavelet-LLH	gldm	DependenceEntropy	5.791963002
wavelet-LLH	gldm	DependenceNonUniformity	56.95918367
wavelet-LLH	gldm	GrayLevelNonUniformity	2.87755102
wavelet-LLH	gldm	SmallDependenceEmphasis	0.790603741
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1287.213719
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.58121616
wavelet-LLH	gldm	LargeDependenceEmphasis	2.224489796
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.013500075
wavelet-LLH	gldm	DependenceVariance	0.410245731
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3023.265306
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011534944
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011872625
wavelet-LLH	glcm	JointAverage	34.52513668
wavelet-LLH	glcm	SumAverage	69.05027337
wavelet-LLH	glcm	JointEntropy	6.463638924
wavelet-LLH	glcm	ClusterShade	2317.416015
wavelet-LLH	glcm	MaximumProbability	0.02312062
wavelet-LLH	glcm	ldmn	0.935999399
wavelet-LLH	glcm	JointEnergy	0.011985412
wavelet-LLH	glcm	Contrast	413.5407663
wavelet-LLH	glcm	DifferenceEntropy	4.489137457
wavelet-LLH	glcm	InverseVariance	0.060018455
wavelet-LLH	glcm	DifferenceVariance	153.2981257
wavelet-LLH	glcm	ldn	0.837154277
wavelet-LLH	glcm	ldm	0.068643701
wavelet-LLH	glcm	Correlation	0.085136515
wavelet-LLH	glcm	Autocorrelation	1217.282649
wavelet-LLH	glcm	SumEntropy	5.036569744

wavelet-LLH	glcm	SumSquares	231.0002622
wavelet-LLH	glcm	ClusterProminence	708378.1919
wavelet-LLH	glcm	Imc2	0.999787619
wavelet-LLH	glcm	Imc1	-0.754191373
wavelet-LLH	glcm	DifferenceAverage	15.67277766
wavelet-LLH	glcm	Id	0.137835121
wavelet-LLH	glcm	ClusterTendency	510.4602826
wavelet-LLH	firstorder	InterquartileRange	534.8722151
wavelet-LLH	firstorder	Skewness	0.209567755
wavelet-LLH	firstorder	Uniformity	0.029362766
wavelet-LLH	firstorder	Median	-17.74442271
wavelet-LLH	firstorder	Energy	14771960.49
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	223.7313728
wavelet-LLH	firstorder	MeanAbsoluteDeviation	313.1735172
wavelet-LLH	firstorder	TotalEnergy	398842933.3
wavelet-LLH	firstorder	Maximum	878.4285213
wavelet-LLH	firstorder	RootMeanSquared	388.2451426
wavelet-LLH	firstorder	90Percentile	538.219765
wavelet-LLH	firstorder	Minimum	-899.6217029
wavelet-LLH	firstorder	Entropy	5.373396166
wavelet-LLH	firstorder	Range	1778.050224
wavelet-LLH	firstorder	Variance	150458.7366
wavelet-LLH	firstorder	10Percentile	-484.6348457
wavelet-LLH	firstorder	Kurtosis	2.465897092
wavelet-LLH	firstorder	Mean	-16.59982313
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.012000351
wavelet-LLH	grlm	GrayLevelVariance	242.8715864
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.012015054
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.029059741
wavelet-LLH	grlm	RunVariance	0.013336127
wavelet-LLH	grlm	GrayLevelNonUniformity	2.810086584
wavelet-LLH	grlm	LongRunEmphasis	1.040942861
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	1517.553457
wavelet-LLH	grlm	RunLengthNonUniformity	94.13647203
wavelet-LLH	grlm	ShortRunEmphasis	0.989764285
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	1578.552095
wavelet-LLH	grlm	RunPercentage	0.986656201
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.012073867
wavelet-LLH	grlm	RunEntropy	5.416186346
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	1529.753184
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.973327746
wavelet-LLH	glszm	GrayLevelVariance	264.3178981
wavelet-LLH	glszm	ZoneVariance	0.268544056
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.026564088
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.762519959
wavelet-LLH	glszm	SizeZoneNonUniformity	63.28915663
wavelet-LLH	glszm	GrayLevelNonUniformity	2.204819277
wavelet-LLH	glszm	LargeAreaEmphasis	1.662650602
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1477.257697
wavelet-LLH	glszm	ZonePercentage	0.846938776
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.014661675
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2384.289157
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1591.73494

wavelet-LLH	glszm	SmallAreaEmphasis	0.894996653
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.013740804
wavelet-LLH	glszm	ZoneEntropy	5.701855058
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013554878
wavelet-LLH	ngtdm	Coarseness	0.038278566
wavelet-LLH	ngtdm	Complexity	12969.6054
wavelet-LLH	ngtdm	Strength	51.55115661
wavelet-LLH	ngtdm	Contrast	2.191346186
wavelet-LLH	ngtdm	Busyness	0.019645331
wavelet-LLL	gldm	GrayLevelVariance	373.4132653
wavelet-LLL	gldm	HighGrayLevelEmphasis	1664.27551
wavelet-LLL	gldm	DependenceEntropy	5.780276808
wavelet-LLL	gldm	DependenceNonUniformity	80.04081633
wavelet-LLL	gldm	GrayLevelNonUniformity	2.183673469
wavelet-LLL	gldm	SmallDependenceEmphasis	0.923469388
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1479.836735
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.816743024
wavelet-LLL	gldm	LargeDependenceEmphasis	1.306122449
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01587229
wavelet-LLL	gldm	DependenceVariance	0.091628488
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2402.030612
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015424477
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.015514039
wavelet-LLL	glcm	JointAverage	40.5176927
wavelet-LLL	glcm	SumAverage	81.03538541
wavelet-LLL	glcm	JointEntropy	6.488245583
wavelet-LLL	glcm	ClusterShade	-3866.727355
wavelet-LLL	glcm	MaximumProbability	0.019154657
wavelet-LLL	glcm	ldmn	0.909382788
wavelet-LLL	glcm	JointEnergy	0.011850376
wavelet-LLL	glcm	Contrast	641.3294401
wavelet-LLL	glcm	DifferenceEntropy	4.601275803
wavelet-LLL	glcm	InverseVariance	0.052030776
wavelet-LLL	glcm	DifferenceVariance	210.6115318
wavelet-LLL	glcm	ldn	0.80416521
wavelet-LLL	glcm	ldm	0.043224384
wavelet-LLL	glcm	Correlation	0.158809061
wavelet-LLL	glcm	Autocorrelation	1704.170788
wavelet-LLL	glcm	SumEntropy	5.105053253
wavelet-LLL	glcm	SumSquares	380.7887319
wavelet-LLL	glcm	ClusterProminence	1888471.874
wavelet-LLL	glcm	lmc2	0.999898149
wavelet-LLL	glcm	lmc1	-0.794717898
wavelet-LLL	glcm	DifferenceAverage	20.24266408
wavelet-LLL	glcm	ld	0.103931489
wavelet-LLL	glcm	ClusterTendency	881.8254876
wavelet-LLL	firstorder	InterquartileRange	706.0568827
wavelet-LLL	firstorder	Skewness	0.181358612
wavelet-LLL	firstorder	Uniformity	0.022282382
wavelet-LLL	firstorder	Median	-727.9065609
wavelet-LLL	firstorder	Energy	72899247.26
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	298.0730056
wavelet-LLL	firstorder	MeanAbsoluteDeviation	400.1267031

wavelet-LLL	firstorder	TotalEnergy	1968279676
wavelet-LLL	firstorder	Maximum	240.018657
wavelet-LLL	firstorder	RootMeanSquared	862.4789099
wavelet-LLL	firstorder	90Percentile	19.75160161
wavelet-LLL	firstorder	Minimum	-1575.899585
wavelet-LLL	firstorder	Entropy	5.655127191
wavelet-LLL	firstorder	Range	1815.918242
wavelet-LLL	firstorder	Variance	232413.1225
wavelet-LLL	firstorder	10Percentile	-1352.672806
wavelet-LLL	firstorder	Kurtosis	2.120787559
wavelet-LLL	firstorder	Mean	-715.1620428
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.015567647
wavelet-LLL	grlm	GrayLevelVariance	372.7376636
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.015571146
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.022255356
wavelet-LLL	grlm	RunVariance	0.003923715
wavelet-LLL	grlm	GrayLevelNonUniformity	2.172476425
wavelet-LLL	grlm	LongRunEmphasis	1.011944885
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1654.103144
wavelet-LLL	grlm	RunLengthNonUniformity	96.85732223
wavelet-LLL	grlm	ShortRunEmphasis	0.997013779
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1690.100771
wavelet-LLL	grlm	RunPercentage	0.996075353
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.01558514
wavelet-LLL	grlm	RunEntropy	5.663315693
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1661.30267
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.99215257
wavelet-LLL	glszm	GrayLevelVariance	364.3144872
wavelet-LLL	glszm	ZoneVariance	0.050872933
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.021852237
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.898254133
wavelet-LLL	glszm	SizeZoneNonUniformity	83.53763441
wavelet-LLL	glszm	GrayLevelNonUniformity	2.032258065
wavelet-LLL	glszm	LargeAreaEmphasis	1.161290323
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1527.005376
wavelet-LLL	glszm	ZonePercentage	0.948979592
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016473965
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2012.892473
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1624.182796
wavelet-LLL	glszm	SmallAreaEmphasis	0.959677419
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.016285209
wavelet-LLL	glszm	ZoneEntropy	5.767390666
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01623802
wavelet-LLL	ngtdm	Coarseness	0.036383273
wavelet-LLL	ngtdm	Complexity	20819.25841
wavelet-LLL	ngtdm	Strength	73.3043443
wavelet-LLL	ngtdm	Contrast	3.006522836
wavelet-LLL	ngtdm	Busyness	0.016691943
wavelet-HHL	gldm	GrayLevelVariance	20.06122449
wavelet-HHL	gldm	HighGrayLevelEmphasis	131.8163265
wavelet-HHL	gldm	DependenceEntropy	5.051704457
wavelet-HHL	gldm	DependenceNonUniformity	34.91836735
wavelet-HHL	gldm	GrayLevelNonUniformity	7.040816327

wavelet-HHL	gldm	SmallDependenceEmphasis	0.56547619
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	84.5103458
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.356309871
wavelet-HHL	gldm	LargeDependenceEmphasis	3.87755102
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.081705749
wavelet-HHL	gldm	DependenceVariance	0.725114536
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	418.877551
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.030181942
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.037198134
wavelet-HHL	glcm	JointAverage	10.70013186
wavelet-HHL	glcm	SumAverage	21.40026372
wavelet-HHL	glcm	JointEntropy	6.148148338
wavelet-HHL	glcm	ClusterShade	25.32199955
wavelet-HHL	glcm	MaximumProbability	0.033563645
wavelet-HHL	glcm	ldmn	0.92556124
wavelet-HHL	glcm	JointEnergy	0.015615584
wavelet-HHL	glcm	Contrast	40.37315484
wavelet-HHL	glcm	DifferenceEntropy	3.452463151
wavelet-HHL	glcm	InverseVariance	0.183085801
wavelet-HHL	glcm	DifferenceVariance	13.61890821
wavelet-HHL	glcm	ldn	0.819411644
wavelet-HHL	glcm	ldm	0.170816153
wavelet-HHL	glcm	Correlation	0.016692654
wavelet-HHL	glcm	Autocorrelation	115.2779613
wavelet-HHL	glcm	SumEntropy	4.20106028
wavelet-HHL	glcm	SumSquares	20.88995592
wavelet-HHL	glcm	ClusterProminence	4991.415542
wavelet-HHL	glcm	lmc2	0.987116146
wavelet-HHL	glcm	lmc1	-0.469235833
wavelet-HHL	glcm	DifferenceAverage	5.122743164
wavelet-HHL	glcm	ld	0.264765585
wavelet-HHL	glcm	ClusterTendency	43.18666884
wavelet-HHL	firstorder	InterquartileRange	136.6856292
wavelet-HHL	firstorder	Skewness	0.296458061
wavelet-HHL	firstorder	Uniformity	0.071845065
wavelet-HHL	firstorder	Median	-11.93983946
wavelet-HHL	firstorder	Energy	1222838.764
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	61.07638479
wavelet-HHL	firstorder	MeanAbsoluteDeviation	89.35412947
wavelet-HHL	firstorder	TotalEnergy	33016646.62
wavelet-HHL	firstorder	Maximum	271.2503554
wavelet-HHL	firstorder	RootMeanSquared	111.7047294
wavelet-HHL	firstorder	90Percentile	167.3146537
wavelet-HHL	firstorder	Minimum	-228.173239
wavelet-HHL	firstorder	Entropy	4.01365726
wavelet-HHL	firstorder	Range	499.4235944
wavelet-HHL	firstorder	Variance	12475.65448
wavelet-HHL	firstorder	10Percentile	-128.3247108
wavelet-HHL	firstorder	Kurtosis	2.672066131
wavelet-HHL	firstorder	Mean	1.513965963
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.037500507
wavelet-HHL	glrlm	GrayLevelVariance	20.34597769
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.037866543



wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.070953182
wavelet-HHL	grlm	RunVariance	0.029763488
wavelet-HHL	grlm	GrayLevelNonUniformity	6.747308434
wavelet-HHL	grlm	LongRunEmphasis	1.09326721
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	130.3057538
wavelet-HHL	grlm	RunLengthNonUniformity	89.47807308
wavelet-HHL	grlm	ShortRunEmphasis	0.976683198
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	142.3242246
wavelet-HHL	grlm	RunPercentage	0.970172684
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.039330684
wavelet-HHL	grlm	RunEntropy	4.141473075
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	132.709448
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.940473024
wavelet-HHL	glszm	GrayLevelVariance	23.87878788
wavelet-HHL	glszm	ZoneVariance	0.704315886
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.061983471
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.515610652
wavelet-HHL	glszm	SizeZoneNonUniformity	34.03030303
wavelet-HHL	glszm	GrayLevelNonUniformity	4.090909091
wavelet-HHL	glszm	LargeAreaEmphasis	2.909090909
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	115.1155303
wavelet-HHL	glszm	ZonePercentage	0.673469388
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.078297009
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	331.6969697
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	144.8787879
wavelet-HHL	glszm	SmallAreaEmphasis	0.743686869
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.04738578
wavelet-HHL	glszm	ZoneEntropy	4.898201082
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.043194594
wavelet-HHL	ngtdm	Coarseness	0.052800592
wavelet-HHL	ngtdm	Complexity	516.7650689
wavelet-HHL	ngtdm	Strength	6.40682533
wavelet-HHL	ngtdm	Contrast	0.37050462
wavelet-HHL	ngtdm	Busyness	0.116614714
wavelet-HLH	gldm	GrayLevelVariance	27.7468763
wavelet-HLH	gldm	HighGrayLevelEmphasis	293.9693878
wavelet-HLH	gldm	DependenceEntropy	5.106907616
wavelet-HLH	gldm	DependenceNonUniformity	33.04081633
wavelet-HLH	gldm	GrayLevelNonUniformity	6.979591837
wavelet-HLH	gldm	SmallDependenceEmphasis	0.587783447
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	168.3892602
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.337151187
wavelet-HLH	gldm	LargeDependenceEmphasis	5.551020408
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.036405292
wavelet-HLH	gldm	DependenceVariance	1.551020408
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1765.744898
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016173268
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.018028909
wavelet-HLH	glcm	JointAverage	16.63650085
wavelet-HLH	glcm	SumAverage	33.2730017
wavelet-HLH	glcm	JointEntropy	6.056083397
wavelet-HLH	glcm	ClusterShade	-224.9255522
wavelet-HLH	glcm	MaximumProbability	0.038700647

wavelet-HLH	glcm	Idmn	0.962933045
wavelet-HLH	glcm	JointEnergy	0.017018842
wavelet-HLH	glcm	Contrast	46.98368315
wavelet-HLH	glcm	DifferenceEntropy	3.499096498
wavelet-HLH	glcm	InverseVariance	0.193258979
wavelet-HLH	glcm	DifferenceVariance	19.06818353
wavelet-HLH	glcm	Idn	0.874192734
wavelet-HLH	glcm	Idm	0.190867309
wavelet-HLH	glcm	Correlation	0.016430011
wavelet-HLH	glcm	Autocorrelation	277.1859409
wavelet-HLH	glcm	SumEntropy	4.150144698
wavelet-HLH	glcm	SumSquares	23.72236465
wavelet-HLH	glcm	ClusterProminence	9720.754822
wavelet-HLH	glcm	Imc2	0.979571246
wavelet-HLH	glcm	Imc1	-0.428805609
wavelet-HLH	glcm	DifferenceAverage	5.201881077
wavelet-HLH	glcm	Id	0.281088967
wavelet-HLH	glcm	ClusterTendency	47.90577546
wavelet-HLH	firstorder	InterquartileRange	157.6481667
wavelet-HLH	firstorder	Skewness	-0.278008346
wavelet-HLH	firstorder	Uniformity	0.071220325
wavelet-HLH	firstorder	Median	21.70109046
wavelet-HLH	firstorder	Energy	1725804.9
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	73.47516745
wavelet-HLH	firstorder	MeanAbsoluteDeviation	105.1117579
wavelet-HLH	firstorder	TotalEnergy	46596732.3
wavelet-HLH	firstorder	Maximum	412.274595
wavelet-HLH	firstorder	RootMeanSquared	132.7036325
wavelet-HLH	firstorder	90Percentile	124.1584334
wavelet-HLH	firstorder	Minimum	-389.3567594
wavelet-HLH	firstorder	Entropy	4.056158306
wavelet-HLH	firstorder	Range	801.6313545
wavelet-HLH	firstorder	Variance	17585.72934
wavelet-HLH	firstorder	10Percentile	-178.0361581
wavelet-HLH	firstorder	Kurtosis	3.760894027
wavelet-HLH	firstorder	Mean	-4.952246079
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.018473098
wavelet-HLH	grlm	GrayLevelVariance	28.23198898
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.018591667
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.06972948
wavelet-HLH	grlm	RunVariance	0.043387307
wavelet-HLH	grlm	GrayLevelNonUniformity	6.573404498
wavelet-HLH	grlm	LongRunEmphasis	1.12720918
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	283.7796968
wavelet-HLH	grlm	RunLengthNonUniformity	87.49645425
wavelet-HLH	grlm	ShortRunEmphasis	0.971026744
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	332.9792668
wavelet-HLH	grlm	RunPercentage	0.961538462
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.019137011
wavelet-HLH	grlm	RunEntropy	4.21967341
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	293.0521539
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.927423742
wavelet-HLH	glszm	GrayLevelVariance	32.90745562

wavelet-HLH	glszm	ZoneVariance	1.265325444
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.062248521
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.627455621
wavelet-HLH	glszm	SizeZoneNonUniformity	40.78461538
wavelet-HLH	glszm	GrayLevelNonUniformity	4.046153846
wavelet-HLH	glszm	LargeAreaEmphasis	3.538461538
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	232.8262607
wavelet-HLH	glszm	ZonePercentage	0.663265306
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.036432202
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1071.215385
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	288.4153846
wavelet-HLH	glszm	SmallAreaEmphasis	0.812128205
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024876028
wavelet-HLH	glszm	ZoneEntropy	4.818693491
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.024006411
wavelet-HLH	ngtdm	Coarseness	0.042170647
wavelet-HLH	ngtdm	Complexity	957.5616724
wavelet-HLH	ngtdm	Strength	9.891015179
wavelet-HLH	ngtdm	Contrast	0.521139348
wavelet-HLH	ngtdm	Busyness	0.068962292

Image type	Feature Class	Feature Name	Value
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general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	83
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original	shape	MinorAxis	15.19453706
original	shape	Elongation	0.856798445
original	shape	SurfaceVolumeRatio	0.410321255
original	shape	Volume	2241
original	shape	MajorAxis	17.73408571
original	shape	SurfaceArea	919.5299321
original	shape	Flatness	0.663183293
original	shape	LeastAxis	11.76094937
original	shape	Maximum2DDiameterColumn	16.15549442
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original	gldm	GrayLevelVariance	100.7806648
original	gldm	HighGrayLevelEmphasis	624.253012
original	gldm	DependenceEntropy	5.380710214
original	gldm	DependenceNonUniformity	33.45783133
original	gldm	GrayLevelNonUniformity	3.819277108
original	gldm	SmallDependenceEmphasis	0.629110767
original	gldm	SmallDependenceHighGrayLevelEmphasis	326.9995749
original	gldm	DependenceNonUniformityNormalized	0.403106402
original	gldm	LargeDependenceEmphasis	7.144578313
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.024609756
original	gldm	DependenceVariance	3.192625925
original	gldm	LargeDependenceHighGrayLevelEmphasis	7767.096386
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.015730878
original	gldm	LowGrayLevelEmphasis	0.016759358
original	glcm	JointAverage	25.5592951
original	glcm	SumAverage	51.1185902
original	glcm	JointEntropy	6.330046009
original	glcm	ClusterShade	-1617.40831
original	glcm	MaximumProbability	0.04019865
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original	glcm	JointEnergy	0.013924131
original	glcm	Contrast	164.8371853
original	glcm	DifferenceEntropy	4.195451771

original	glcm	InverseVariance	0.105922612
original	glcm	DifferenceVariance	62.03757557
original	glcm	Idn	0.808943438
original	glcm	Idm	0.125821214
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original	glcm	Autocorrelation	665.8907898
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original	glcm	SumSquares	94.98821025
original	glcm	ClusterProminence	115404.1297
original	glcm	Imc2	0.997294987
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original	glcm	ClusterTendency	215.1156557
original	firstorder	InterquartileRange	448.5
original	firstorder	Skewness	-0.274011369
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original	firstorder	Median	-289
original	firstorder	Energy	12304588
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original	firstorder	Maximum	55
original	firstorder	RootMeanSquared	385.0299316
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original	firstorder	Entropy	4.711336993
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original	firstorder	Kurtosis	1.808758438
original	firstorder	Mean	-291.2771084
original	glrlm	ShortRunLowGrayLevelEmphasis	0.017314572
original	glrlm	GrayLevelVariance	99.13053593
original	glrlm	LowGrayLevelRunEmphasis	0.017367226
original	glrlm	GrayLevelNonUniformityNormalized	0.043152276
original	glrlm	RunVariance	0.043896453
original	glrlm	GrayLevelNonUniformity	3.448401636
original	glrlm	LongRunEmphasis	1.128045786
original	glrlm	ShortRunHighGrayLevelEmphasis	578.2763753
original	glrlm	RunLengthNonUniformity	74.31924154
original	glrlm	ShortRunEmphasis	0.971408589
original	glrlm	LongRunHighGrayLevelEmphasis	739.8172564
original	glrlm	RunPercentage	0.962001854
original	glrlm	LongRunLowGrayLevelEmphasis	0.017593431
original	glrlm	RunEntropy	4.836663368
original	glrlm	HighGrayLevelRunEmphasis	607.7287168
original	glrlm	RunLengthNonUniformityNormalized	0.929096747
original	glszm	GrayLevelVariance	93.22033898
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original	glszm	GrayLevelNonUniformityNormalized	0.038207412
original	glszm	SizeZoneNonUniformityNormalized	0.617925883
original	glszm	SizeZoneNonUniformity	36.45762712
original	glszm	GrayLevelNonUniformity	2.254237288
original	glszm	LargeAreaEmphasis	3.508474576
original	glszm	SmallAreaHighGrayLevelEmphasis	412.8175895
original	glszm	ZonePercentage	0.710843373
original	glszm	LargeAreaLowGrayLevelEmphasis	0.026715484

original	glszm	LargeAreaHighGrayLevelEmphasis	3180.559322
original	glszm	HighGrayLevelZoneEmphasis	534.220339
original	glszm	SmallAreaEmphasis	0.813258004
original	glszm	LowGrayLevelZoneEmphasis	0.022548628
original	glszm	ZoneEntropy	5.106805125
original	glszm	SmallAreaLowGrayLevelEmphasis	0.021895952
original	ngtdm	Coarseness	0.035399013
original	ngtdm	Complexity	3373.695666
original	ngtdm	Strength	21.00047027
original	ngtdm	Contrast	1.66386408
original	ngtdm	Busyness	0.041499083
wavelet-HHH	gldm	GrayLevelVariance	9.641167078
wavelet-HHH	gldm	HighGrayLevelEmphasis	96.60240964
wavelet-HHH	gldm	DependenceEntropy	4.97107166
wavelet-HHH	gldm	DependenceNonUniformity	17.98795181
wavelet-HHH	gldm	GrayLevelNonUniformity	9.289156627
wavelet-HHH	gldm	SmallDependenceEmphasis	0.397951807
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	35.32920348
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.216722311
wavelet-HHH	gldm	LargeDependenceEmphasis	8.662650602
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.123264295
wavelet-HHH	gldm	DependenceVariance	2.076934243
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	864.5783133
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.030563889
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.037504629
wavelet-HHH	glcm	JointAverage	9.395343163
wavelet-HHH	glcm	SumAverage	18.79068633
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wavelet-HHH	glcm	ClusterShade	-35.03924732
wavelet-HHH	glcm	MaximumProbability	0.052010153
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wavelet-HHH	glcm	Contrast	19.51478211
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wavelet-HHH	glcm	InverseVariance	0.275297123
wavelet-HHH	glcm	DifferenceVariance	7.822663569
wavelet-HHH	glcm	Idn	0.840625218
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wavelet-HHH	glcm	Correlation	-0.037772763
wavelet-HHH	glcm	Autocorrelation	87.96968598
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wavelet-HHH	glcm	ClusterProminence	1164.722506
wavelet-HHH	glcm	Imc2	0.937090661
wavelet-HHH	glcm	Imc1	-0.314752393
wavelet-HHH	glcm	DifferenceAverage	3.395691994
wavelet-HHH	glcm	Id	0.351155431
wavelet-HHH	glcm	ClusterTendency	18.23712362
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wavelet-HHH	firstorder	Uniformity	0.11191755
wavelet-HHH	firstorder	Median	0.455080447
wavelet-HHH	firstorder	Energy	482677.6177
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	36.01011544
wavelet-HHH	firstorder	MeanAbsoluteDeviation	57.65433039
wavelet-HHH	firstorder	TotalEnergy	13032295.68
wavelet-HHH	firstorder	Maximum	165.0765639
wavelet-HHH	firstorder	RootMeanSquared	76.25872399

wavelet-HHH	firstorder	90Percentile	77.28981697
wavelet-HHH	firstorder	Minimum	-213.0825373
wavelet-HHH	firstorder	Entropy	3.432765627
wavelet-HHH	firstorder	Range	378.1591012
wavelet-HHH	firstorder	Variance	5803.050338
wavelet-HHH	firstorder	10Percentile	-94.45152007
wavelet-HHH	firstorder	Kurtosis	3.435988252
wavelet-HHH	firstorder	Mean	-3.513210291
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.038689439
wavelet-HHH	glrlm	GrayLevelVariance	10.05821009
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.039202942
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.108585171
wavelet-HHH	glrlm	RunVariance	0.069831642
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wavelet-HHH	glrlm	LongRunEmphasis	1.204295644
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	91.65599447
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	116.8542896
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.041510025
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wavelet-HHH	glszm	GrayLevelNonUniformity	2.888888889
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	62.59218878
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wavelet-HHH	ngtdm	Coarseness	0.063264259
wavelet-HHH	ngtdm	Complexity	222.7076354
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wavelet-HHH	ngtdm	Contrast	0.230601377
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wavelet-HLL	gldm	GrayLevelVariance	185.0471767
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wavelet-HLL	gldm	DependenceEntropy	5.585765034
wavelet-HLL	gldm	DependenceNonUniformity	43.72289157
wavelet-HLL	gldm	GrayLevelNonUniformity	2.686746988
wavelet-HLL	gldm	SmallDependenceEmphasis	0.745629183
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	544.3235408
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wavelet-HLL	gldm	LargeDependenceEmphasis	2.638554217
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.047306592
wavelet-HLL	gldm	DependenceVariance	0.582958339
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1068.759036
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.032419881

wavelet-HLL	gldm	LowGrayLevelEmphasis	0.03437066
wavelet-HLL	glcm	JointAverage	19.97071318
wavelet-HLL	glcm	SumAverage	39.94142636
wavelet-HLL	glcm	JointEntropy	6.530247154
wavelet-HLL	glcm	ClusterShade	7233.008346
wavelet-HLL	glcm	MaximumProbability	0.023503762
wavelet-HLL	glcm	Idmn	0.938571087
wavelet-HLL	glcm	JointEnergy	0.011242425
wavelet-HLL	glcm	Contrast	216.1311514
wavelet-HLL	glcm	DifferenceEntropy	4.245141626
wavelet-HLL	glcm	InverseVariance	0.100665343
wavelet-HLL	glcm	DifferenceVariance	71.72679039
wavelet-HLL	glcm	Idn	0.839256895
wavelet-HLL	glcm	Idm	0.090151502
wavelet-HLL	glcm	Correlation	0.364416929
wavelet-HLL	glcm	Autocorrelation	465.1012178
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wavelet-HLL	glcm	SumSquares	173.9816282
wavelet-HLL	glcm	ClusterProminence	662672.8161
wavelet-HLL	glcm	Imc2	0.999500937
wavelet-HLL	glcm	Imc1	-0.693748268
wavelet-HLL	glcm	DifferenceAverage	11.4972432
wavelet-HLL	glcm	Id	0.166804461
wavelet-HLL	glcm	ClusterTendency	479.7953615
wavelet-HLL	firstorder	InterquartileRange	466.7844147
wavelet-HLL	firstorder	Skewness	0.678118796
wavelet-HLL	firstorder	Uniformity	0.032370446
wavelet-HLL	firstorder	Median	-84.14647773
wavelet-HLL	firstorder	Energy	9632700.302
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	196.3384744
wavelet-HLL	firstorder	MeanAbsoluteDeviation	277.4909523
wavelet-HLL	firstorder	TotalEnergy	260082908.1
wavelet-HLL	firstorder	Maximum	781.4392045
wavelet-HLL	firstorder	RootMeanSquared	340.6708531
wavelet-HLL	firstorder	90Percentile	441.7648403
wavelet-HLL	firstorder	Minimum	-546.196345
wavelet-HLL	firstorder	Entropy	5.158946697
wavelet-HLL	firstorder	Range	1327.635549
wavelet-HLL	firstorder	Variance	114925.526
wavelet-HLL	firstorder	10Percentile	-428.7165678
wavelet-HLL	firstorder	Kurtosis	2.733773042
wavelet-HLL	firstorder	Mean	-33.63189234
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.034724938
wavelet-HLL	glrlm	GrayLevelVariance	186.3978342
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.034824917
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.031779984
wavelet-HLL	glrlm	RunVariance	0.016671009
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.594063077
wavelet-HLL	glrlm	LongRunEmphasis	1.051284657
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	635.9501019
wavelet-HLL	glrlm	RunLengthNonUniformity	78.9146741
wavelet-HLL	glrlm	ShortRunEmphasis	0.987178836
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	655.389819
wavelet-HLL	glrlm	RunPercentage	0.983317887
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.035224832
wavelet-HLL	glrlm	RunEntropy	5.205437618
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	639.8380453
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.966657981



wavelet-HLL	glszm	GrayLevelVariance	201.6252163
wavelet-HLL	glszm	ZoneVariance	0.348399654
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.028114187
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.704584775
wavelet-HLL	glszm	SizeZoneNonUniformity	47.91176471
wavelet-HLL	glszm	GrayLevelNonUniformity	1.911764706
wavelet-HLL	glszm	LargeAreaEmphasis	1.838235294
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	646.8652941
wavelet-HLL	glszm	ZonePercentage	0.819277108
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.046810451
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	944.9558824
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	699.3088235
wavelet-HLL	glszm	SmallAreaEmphasis	0.864558824
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.040252626
wavelet-HLL	glszm	ZoneEntropy	5.506436738
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.039225712
wavelet-HLL	ngtdm	Coarseness	0.059101756
wavelet-HLL	ngtdm	Complexity	5842.001679
wavelet-HLL	ngtdm	Strength	56.82879929
wavelet-HLL	ngtdm	Contrast	1.663980783
wavelet-HLL	ngtdm	Busyness	0.027754103
wavelet-LHL	gldm	GrayLevelVariance	137.2364639
wavelet-LHL	gldm	HighGrayLevelEmphasis	700.0120482
wavelet-LHL	gldm	DependenceEntropy	5.525288528
wavelet-LHL	gldm	DependenceNonUniformity	33.98795181
wavelet-LHL	gldm	GrayLevelNonUniformity	3.144578313
wavelet-LHL	gldm	SmallDependenceEmphasis	0.655120482
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	462.7254853
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.409493395
wavelet-LHL	gldm	LargeDependenceEmphasis	3.674698795
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.028755456
wavelet-LHL	gldm	DependenceVariance	0.870082741
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2295.240964
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015920448
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017454939
wavelet-LHL	glcm	JointAverage	22.61204771
wavelet-LHL	glcm	SumAverage	45.22409543
wavelet-LHL	glcm	JointEntropy	6.463851485
wavelet-LHL	glcm	ClusterShade	4017.986079
wavelet-LHL	glcm	MaximumProbability	0.023320839
wavelet-LHL	glcm	Idmn	0.930651034
wavelet-LHL	glcm	JointEnergy	0.011881298
wavelet-LHL	glcm	Contrast	202.5570277
wavelet-LHL	glcm	DifferenceEntropy	4.154845657
wavelet-LHL	glcm	InverseVariance	0.114449397
wavelet-LHL	glcm	DifferenceVariance	79.79543699
wavelet-LHL	glcm	Idn	0.837309341
wavelet-LHL	glcm	Idm	0.112650047
wavelet-LHL	glcm	Correlation	0.284498343
wavelet-LHL	glcm	Autocorrelation	556.4515257
wavelet-LHL	glcm	SumEntropy	4.967325417
wavelet-LHL	glcm	SumSquares	145.4469245
wavelet-LHL	glcm	ClusterProminence	387347.6683
wavelet-LHL	glcm	Imc2	0.999135102
wavelet-LHL	glcm	Imc1	-0.663365523
wavelet-LHL	glcm	DifferenceAverage	10.47734346
wavelet-LHL	glcm	Id	0.191963996
wavelet-LHL	glcm	ClusterTendency	379.2306702

wavelet-LHL	firstorder	InterquartileRange	420.8612484
wavelet-LHL	firstorder	Skewness	0.288509986
wavelet-LHL	firstorder	Uniformity	0.037886486
wavelet-LHL	firstorder	Median	-65.24117566
wavelet-LHL	firstorder	Energy	7113103.753
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	176.5434974
wavelet-LHL	firstorder	MeanAbsoluteDeviation	243.2084769
wavelet-LHL	firstorder	TotalEnergy	192053801.3
wavelet-LHL	firstorder	Maximum	598.6821725
wavelet-LHL	firstorder	RootMeanSquared	292.7457006
wavelet-LHL	firstorder	90Percentile	438.5153027
wavelet-LHL	firstorder	Minimum	-574.0958856
wavelet-LHL	firstorder	Entropy	4.972081938
wavelet-LHL	firstorder	Range	1172.778058
wavelet-LHL	firstorder	Variance	85678.96136
wavelet-LHL	firstorder	10Percentile	-356.2122941
wavelet-LHL	firstorder	Kurtosis	2.17804248
wavelet-LHL	firstorder	Mean	4.591716427
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.017725546
wavelet-LHL	glrlm	GrayLevelVariance	137.7456714
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.017809643
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.03722937
wavelet-LHL	glrlm	RunVariance	0.027872299
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.010143019
wavelet-LHL	glrlm	LongRunEmphasis	1.08291233
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	688.9904526
wavelet-LHL	glrlm	RunLengthNonUniformity	76.83962363
wavelet-LHL	glrlm	ShortRunEmphasis	0.980367688
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	753.6004126
wavelet-LHL	glrlm	RunPercentage	0.974050046
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.018168395
wavelet-LHL	glrlm	RunEntropy	5.056771857
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	701.7406278
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.949869117
wavelet-LHL	glszm	GrayLevelVariance	141.8521903
wavelet-LHL	glszm	ZoneVariance	0.68959957
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03251814
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.638806772
wavelet-LHL	glszm	SizeZoneNonUniformity	38.96721311
wavelet-LHL	glszm	GrayLevelNonUniformity	1.983606557
wavelet-LHL	glszm	LargeAreaEmphasis	2.540983607
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	585.281439
wavelet-LHL	glszm	ZonePercentage	0.734939759
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.029261281
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1624.967213
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	717.0655738
wavelet-LHL	glszm	SmallAreaEmphasis	0.826020036
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.02205664
wavelet-LHL	glszm	ZoneEntropy	5.369021559
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.021310144
wavelet-LHL	ngtdm	Coarseness	0.058140476
wavelet-LHL	ngtdm	Complexity	4474.044784
wavelet-LHL	ngtdm	Strength	40.10269518
wavelet-LHL	ngtdm	Contrast	1.344255184
wavelet-LHL	ngtdm	Busyness	0.022646291
wavelet-LHH	gldm	GrayLevelVariance	26.43867034
wavelet-LHH	gldm	HighGrayLevelEmphasis	253.9759036
wavelet-LHH	gldm	DependenceEntropy	5.284324672

wavelet-LHH	gldm	DependenceNonUniformity	23.65060241
wavelet-LHH	gldm	GrayLevelNonUniformity	5.771084337
wavelet-LHH	gldm	SmallDependenceEmphasis	0.47772423
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	116.197085
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.284947017
wavelet-LHH	gldm	LargeDependenceEmphasis	5.43373494
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.124954282
wavelet-LHH	gldm	DependenceVariance	1.089272754
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1482.433735
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013235087
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.033780853
wavelet-LHH	glcm	JointAverage	15.28029842
wavelet-LHH	glcm	SumAverage	30.56059684
wavelet-LHH	glcm	JointEntropy	6.186920468
wavelet-LHH	glcm	ClusterShade	-210.3521053
wavelet-LHH	glcm	MaximumProbability	0.03361604
wavelet-LHH	glcm	Idmn	0.945367172
wavelet-LHH	glcm	JointEnergy	0.015204464
wavelet-LHH	glcm	Contrast	51.0731581
wavelet-LHH	glcm	DifferenceEntropy	3.476493057
wavelet-LHH	glcm	InverseVariance	0.213081392
wavelet-LHH	glcm	DifferenceVariance	22.57535003
wavelet-LHH	glcm	Idn	0.854323706
wavelet-LHH	glcm	Idm	0.195362087
wavelet-LHH	glcm	Correlation	0.032851448
wavelet-LHH	glcm	Autocorrelation	234.5563622
wavelet-LHH	glcm	SumEntropy	4.265862688
wavelet-LHH	glcm	SumSquares	26.50893327
wavelet-LHH	glcm	ClusterProminence	12878.89526
wavelet-LHH	glcm	Imc2	0.987246552
wavelet-LHH	glcm	Imc1	-0.463158027
wavelet-LHH	glcm	DifferenceAverage	5.212959397
wavelet-LHH	glcm	Id	0.284887559
wavelet-LHH	glcm	ClusterTendency	54.96257498
wavelet-LHH	firstorder	InterquartileRange	145.5110204
wavelet-LHH	firstorder	Skewness	-0.658179238
wavelet-LHH	firstorder	Uniformity	0.069531137
wavelet-LHH	firstorder	Median	0.435261295
wavelet-LHH	firstorder	Energy	1405407.128
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	59.98523996
wavelet-LHH	firstorder	MeanAbsoluteDeviation	97.53807359
wavelet-LHH	firstorder	TotalEnergy	37945992.45
wavelet-LHH	firstorder	Maximum	293.4431125
wavelet-LHH	firstorder	RootMeanSquared	130.1253857
wavelet-LHH	firstorder	90Percentile	120.2025509
wavelet-LHH	firstorder	Minimum	-373.9631916
wavelet-LHH	firstorder	Entropy	4.095291047
wavelet-LHH	firstorder	Range	667.4063041
wavelet-LHH	firstorder	Variance	16799.36331
wavelet-LHH	firstorder	10Percentile	-182.6471295
wavelet-LHH	firstorder	Kurtosis	3.859523425
wavelet-LHH	firstorder	Mean	-11.54351275
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.033124193
wavelet-LHH	glrlm	GrayLevelVariance	26.86765442
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.034049557
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.068726223
wavelet-LHH	glrlm	RunVariance	0.043457832
wavelet-LHH	glrlm	GrayLevelNonUniformity	5.466520592

wavelet-LHH	glrlm	LongRunEmphasis	1.135656712
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	244.1958855
wavelet-LHH	glrlm	RunLengthNonUniformity	73.2119658
wavelet-LHH	glrlm	ShortRunEmphasis	0.967195823
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	290.2736879
wavelet-LHH	glrlm	RunPercentage	0.958294717
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.037764716
wavelet-LHH	glrlm	RunEntropy	4.259048282
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	253.1237337
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.91868912
wavelet-LHH	glszm	GrayLevelVariance	32.37326389
wavelet-LHH	glszm	ZoneVariance	1.655815972
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059027778
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.460069444
wavelet-LHH	glszm	SizeZoneNonUniformity	22.08333333
wavelet-LHH	glszm	GrayLevelNonUniformity	2.833333333
wavelet-LHH	glszm	LargeAreaEmphasis	4.645833333
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	169.7273669
wavelet-LHH	glszm	ZonePercentage	0.578313253
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.112438466
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1239.25
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	243.8333333
wavelet-LHH	glszm	SmallAreaEmphasis	0.704247685
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.034242292
wavelet-LHH	glszm	ZoneEntropy	4.970175521
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.017074765
wavelet-LHH	ngtdm	Coarseness	0.058917304
wavelet-LHH	ngtdm	Complexity	863.224893
wavelet-LHH	ngtdm	Strength	11.52255386
wavelet-LHH	ngtdm	Contrast	0.4167764
wavelet-LHH	ngtdm	Busyness	0.048185601
wavelet-LLH	gldm	GrayLevelVariance	71.38220351
wavelet-LLH	gldm	HighGrayLevelEmphasis	412.9638554
wavelet-LLH	gldm	DependenceEntropy	5.278418347
wavelet-LLH	gldm	DependenceNonUniformity	33
wavelet-LLH	gldm	GrayLevelNonUniformity	3.819277108
wavelet-LLH	gldm	SmallDependenceEmphasis	0.591783802
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	265.0566432
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.397590361
wavelet-LLH	gldm	LargeDependenceEmphasis	3.578313253
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.033536349
wavelet-LLH	gldm	DependenceVariance	0.692408187
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1187.807229
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016555266
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.01879033
wavelet-LLH	glcm	JointAverage	17.98708897
wavelet-LLH	glcm	SumAverage	35.97417793
wavelet-LLH	glcm	JointEntropy	6.400351135
wavelet-LLH	glcm	ClusterShade	1434.739767
wavelet-LLH	glcm	MaximumProbability	0.025321221
wavelet-LLH	glcm	Idmn	0.943265711
wavelet-LLH	glcm	JointEnergy	0.012570001
wavelet-LLH	glcm	Contrast	94.33990191
wavelet-LLH	glcm	DifferenceEntropy	3.895858576
wavelet-LLH	glcm	InverseVariance	0.137918402
wavelet-LLH	glcm	DifferenceVariance	34.85744289
wavelet-LLH	glcm	Idn	0.845686989
wavelet-LLH	glcm	Idm	0.130724154

wavelet-LLH	glcm	Correlation	0.343318075
wavelet-LLH	glcm	Autocorrelation	348.8336507
wavelet-LLH	glcm	SumEntropy	4.839083807
wavelet-LLH	glcm	SumSquares	72.41620065
wavelet-LLH	glcm	ClusterProminence	88674.74376
wavelet-LLH	glcm	Imc2	0.997306825
wavelet-LLH	glcm	Imc1	-0.583885351
wavelet-LLH	glcm	DifferenceAverage	7.501342661
wavelet-LLH	glcm	Id	0.218589272
wavelet-LLH	glcm	ClusterTendency	195.3249007
wavelet-LLH	firstorder	InterquartileRange	334.9553611
wavelet-LLH	firstorder	Skewness	0.347362614
wavelet-LLH	firstorder	Uniformity	0.046015387
wavelet-LLH	firstorder	Median	-91.93631252
wavelet-LLH	firstorder	Energy	3969507.788
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	128.2540606
wavelet-LLH	firstorder	MeanAbsoluteDeviation	177.3025046
wavelet-LLH	firstorder	TotalEnergy	107176710.3
wavelet-LLH	firstorder	Maximum	418.2131593
wavelet-LLH	firstorder	RootMeanSquared	218.6901805
wavelet-LLH	firstorder	90Percentile	276.8034382
wavelet-LLH	firstorder	Minimum	-499.6638343
wavelet-LLH	firstorder	Entropy	4.617357848
wavelet-LLH	firstorder	Range	917.8769936
wavelet-LLH	firstorder	Variance	45275.63056
wavelet-LLH	firstorder	10Percentile	-271.3046626
wavelet-LLH	firstorder	Kurtosis	2.315293317
wavelet-LLH	firstorder	Mean	-50.49519263
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.019040994
wavelet-LLH	glrlm	GrayLevelVariance	71.85442393
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.01915898
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.045798285
wavelet-LLH	glrlm	RunVariance	0.026819759
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.699365086
wavelet-LLH	glrlm	LongRunEmphasis	1.083973784
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	408.581358
wavelet-LLH	glrlm	RunLengthNonUniformity	76.49270321
wavelet-LLH	glrlm	ShortRunEmphasis	0.979006554
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	442.7425221
wavelet-LLH	glrlm	RunPercentage	0.973123262
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.019630924
wavelet-LLH	glrlm	RunEntropy	4.699438645
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	415.4135908
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.946360482
wavelet-LLH	glszm	GrayLevelVariance	77.51724138
wavelet-LLH	glszm	ZoneVariance	0.555588585
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.042211653
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.529726516
wavelet-LLH	glszm	SizeZoneNonUniformity	30.72413793
wavelet-LLH	glszm	GrayLevelNonUniformity	2.448275862
wavelet-LLH	glszm	LargeAreaEmphasis	2.603448276
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	343.3990661
wavelet-LLH	glszm	ZonePercentage	0.698795181
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.033267038
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	971.4827586
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	438.5172414
wavelet-LLH	glszm	SmallAreaEmphasis	0.753591954
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.024541087

wavelet-LLH	glszm	ZoneEntropy	5.245743495
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.023199713
wavelet-LLH	ngtdm	Coarseness	0.059251261
wavelet-LLH	ngtdm	Complexity	1881.346143
wavelet-LLH	ngtdm	Strength	22.94787261
wavelet-LLH	ngtdm	Contrast	0.896512558
wavelet-LLH	ngtdm	Busyness	0.046353874
wavelet-LLL	gldm	GrayLevelVariance	477.8499056
wavelet-LLL	gldm	HighGrayLevelEmphasis	2169.73494
wavelet-LLL	gldm	DependenceEntropy	5.775347413
wavelet-LLL	gldm	DependenceNonUniformity	56.4939759
wavelet-LLL	gldm	GrayLevelNonUniformity	1.819277108
wavelet-LLL	gldm	SmallDependenceEmphasis	0.852074967
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1930.757697
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.680650312
wavelet-LLL	gldm	LargeDependenceEmphasis	1.698795181
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.023226172
wavelet-LLL	gldm	DependenceVariance	0.218028741
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3284.626506
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016773442
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.018049472
wavelet-LLL	glcm	JointAverage	47.6540049
wavelet-LLL	glcm	SumAverage	95.3080098
wavelet-LLL	glcm	JointEntropy	6.581940943
wavelet-LLL	glcm	ClusterShade	-1163.286735
wavelet-LLL	glcm	MaximumProbability	0.01715694
wavelet-LLL	glcm	Idmn	0.924155716
wavelet-LLL	glcm	JointEnergy	0.010632866
wavelet-LLL	glcm	Contrast	796.085511
wavelet-LLL	glcm	DifferenceEntropy	4.859002552
wavelet-LLL	glcm	InverseVariance	0.035501192
wavelet-LLL	glcm	DifferenceVariance	247.3156037
wavelet-LLL	glcm	Idn	0.815665978
wavelet-LLL	glcm	Idm	0.037131604
wavelet-LLL	glcm	Correlation	0.222747602
wavelet-LLL	glcm	Autocorrelation	2381.537695
wavelet-LLL	glcm	SumEntropy	5.289987037
wavelet-LLL	glcm	SumSquares	508.0916416
wavelet-LLL	glcm	ClusterProminence	3786311.261
wavelet-LLL	glcm	Imc2	0.99994131
wavelet-LLL	glcm	Imc1	-0.817022339
wavelet-LLL	glcm	DifferenceAverage	23.11567084
wavelet-LLL	glcm	Id	0.091466548
wavelet-LLL	glcm	ClusterTendency	1236.281056
wavelet-LLL	firstorder	InterquartileRange	740.0988297
wavelet-LLL	firstorder	Skewness	0.272443817
wavelet-LLL	firstorder	Uniformity	0.021919001
wavelet-LLL	firstorder	Median	-977.9478086
wavelet-LLL	firstorder	Energy	93286972.11
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	311.6620496
wavelet-LLL	firstorder	MeanAbsoluteDeviation	446.659375
wavelet-LLL	firstorder	TotalEnergy	2518748247
wavelet-LLL	firstorder	Maximum	377.9059713
wavelet-LLL	firstorder	RootMeanSquared	1060.160093
wavelet-LLL	firstorder	90Percentile	-169.3987913
wavelet-LLL	firstorder	Minimum	-1917.148005
wavelet-LLL	firstorder	Entropy	5.675773166
wavelet-LLL	firstorder	Range	2295.053977

wavelet-LLL	firstorder	Variance	298774.5601
wavelet-LLL	firstorder	10Percentile	-1578.069669
wavelet-LLL	firstorder	Kurtosis	2.428397363
wavelet-LLL	firstorder	Mean	-908.3858558
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.018085827
wavelet-LLL	glrlm	GrayLevelVariance	479.129126
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.018135914
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.021865489
wavelet-LLL	glrlm	RunVariance	0.008338107
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.799780318
wavelet-LLL	glrlm	LongRunEmphasis	1.025467306
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2164.315241
wavelet-LLL	glrlm	RunLengthNonUniformity	80.94765247
wavelet-LLL	glrlm	ShortRunEmphasis	0.993633174
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2215.398383
wavelet-LLL	glrlm	RunPercentage	0.991658943
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.018336259
wavelet-LLL	glrlm	RunEntropy	5.687724768
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2174.53187
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.983323785
wavelet-LLL	glszm	GrayLevelVariance	496.0827246
wavelet-LLL	glszm	ZoneVariance	0.160883857
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.021548576
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.825054785
wavelet-LLL	glszm	SizeZoneNonUniformity	61.05405405
wavelet-LLL	glszm	GrayLevelNonUniformity	1.594594595
wavelet-LLL	glszm	LargeAreaEmphasis	1.418918919
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2116.819444
wavelet-LLL	glszm	ZonePercentage	0.891566265
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022204533
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2903.945946
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2238.581081
wavelet-LLL	glszm	SmallAreaEmphasis	0.9253003
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.019283067
wavelet-LLL	glszm	ZoneEntropy	5.726015021
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.018573052
wavelet-LLL	ngtdm	Coarseness	0.039928694
wavelet-LLL	ngtdm	Complexity	26908.01052
wavelet-LLL	ngtdm	Strength	94.37466303
wavelet-LLL	ngtdm	Contrast	4.574090132
wavelet-LLL	ngtdm	Busyness	0.014170545
wavelet-HHL	gldm	GrayLevelVariance	18.0325156
wavelet-HHL	gldm	HighGrayLevelEmphasis	116.8313253
wavelet-HHL	gldm	DependenceEntropy	5.072160329
wavelet-HHL	gldm	DependenceNonUniformity	28.20481928
wavelet-HHL	gldm	GrayLevelNonUniformity	5.939759036
wavelet-HHL	gldm	SmallDependenceEmphasis	0.496884203
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	60.36727242
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.3398171
wavelet-HHL	gldm	LargeDependenceEmphasis	4.301204819
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.086164534
wavelet-HHL	gldm	DependenceVariance	0.723181884
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	457.3373494
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025780265
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.033754596
wavelet-HHL	glcm	JointAverage	9.89547812
wavelet-HHL	glcm	SumAverage	19.79095624
wavelet-HHL	glcm	JointEntropy	6.191667155

wavelet-HHL	glcm	ClusterShade	4.371356663
wavelet-HHL	glcm	MaximumProbability	0.032440814
wavelet-HHL	glcm	Idmn	0.932251637
wavelet-HHL	glcm	JointEnergy	0.015072993
wavelet-HHL	glcm	Contrast	36.12964024
wavelet-HHL	glcm	DifferenceEntropy	3.373728002
wavelet-HHL	glcm	InverseVariance	0.188770071
wavelet-HHL	glcm	DifferenceVariance	12.17267407
wavelet-HHL	glcm	Idn	0.827083271
wavelet-HHL	glcm	Idm	0.173584869
wavelet-HHL	glcm	Correlation	-0.012240759
wavelet-HHL	glcm	Autocorrelation	97.78618659
wavelet-HHL	glcm	SumEntropy	4.084494461
wavelet-HHL	glcm	SumSquares	17.887554
wavelet-HHL	glcm	ClusterProminence	3445.368717
wavelet-HHL	glcm	Imc2	0.980794965
wavelet-HHL	glcm	Imc1	-0.422508681
wavelet-HHL	glcm	DifferenceAverage	4.839580106
wavelet-HHL	glcm	Id	0.270162547
wavelet-HHL	glcm	ClusterTendency	35.42057575
wavelet-HHL	firstorder	InterquartileRange	152.716299
wavelet-HHL	firstorder	Skewness	0.243849108
wavelet-HHL	firstorder	Uniformity	0.071563362
wavelet-HHL	firstorder	Median	1.430747967
wavelet-HHL	firstorder	Energy	921681.4813
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	63.4477701
wavelet-HHL	firstorder	MeanAbsoluteDeviation	87.30581425
wavelet-HHL	firstorder	TotalEnergy	24885399.99
wavelet-HHL	firstorder	Maximum	278.1598061
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wavelet-HHL	firstorder	Entropy	3.97072844
wavelet-HHL	firstorder	Range	481.1837949
wavelet-HHL	firstorder	Variance	10964.10284
wavelet-HHL	firstorder	10Percentile	-122.3846494
wavelet-HHL	firstorder	Kurtosis	2.523691775
wavelet-HHL	firstorder	Mean	11.85298774
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.033978133
wavelet-HHL	glrlm	GrayLevelVariance	18.27197575
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.034398098
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.071091611
wavelet-HHL	glrlm	RunVariance	0.036165138
wavelet-HHL	glrlm	GrayLevelNonUniformity	5.69894873
wavelet-HHL	glrlm	LongRunEmphasis	1.110047498
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	114.3762259
wavelet-HHL	glrlm	RunLengthNonUniformity	74.87956446
wavelet-HHL	glrlm	ShortRunEmphasis	0.973583896
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	128.8264376
wavelet-HHL	glrlm	RunPercentage	0.96570899
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.036146442
wavelet-HHL	glrlm	RunEntropy	4.089610332
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	117.2101648
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.93328344
wavelet-HHL	glszm	GrayLevelVariance	21.97693195
wavelet-HHL	glszm	ZoneVariance	0.978854287
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.064206075
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.442522107



wavelet-HHL	glszm	SizeZoneNonUniformity	22.56862745
wavelet-HHL	glszm	GrayLevelNonUniformity	3.274509804
wavelet-HHL	glszm	LargeAreaEmphasis	3.62745098
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	83.70630174
wavelet-HHL	glszm	ZonePercentage	0.614457831
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.084308285
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	405.9411765
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	120.8039216
wavelet-HHL	glszm	SmallAreaEmphasis	0.683077342
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.04514472
wavelet-HHL	glszm	ZoneEntropy	4.961353528
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.040024485
wavelet-HHL	ngtdm	Coarseness	0.061287936
wavelet-HHL	ngtdm	Complexity	471.641522
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wavelet-HHL	ngtdm	Contrast	0.361365359
wavelet-HHL	ngtdm	Busyness	0.119507878
wavelet-HLH	gldm	GrayLevelVariance	21.29191465
wavelet-HLH	gldm	HighGrayLevelEmphasis	162.9879518
wavelet-HLH	gldm	DependenceEntropy	5.065782919
wavelet-HLH	gldm	DependenceNonUniformity	23.53012048
wavelet-HLH	gldm	GrayLevelNonUniformity	5.86746988
wavelet-HLH	gldm	SmallDependenceEmphasis	0.498408532
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	98.47337998
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.283495427
wavelet-HLH	gldm	LargeDependenceEmphasis	6.421686747
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.163709127
wavelet-HLH	gldm	DependenceVariance	1.770648861
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	838.939759
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012179244
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.03617293
wavelet-HLH	glcm	JointAverage	11.97228772
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wavelet-HLH	glcm	ClusterShade	14.11376247
wavelet-HLH	glcm	MaximumProbability	0.034528197
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wavelet-HLH	glcm	JointEnergy	0.015910649
wavelet-HLH	glcm	Contrast	35.20460184
wavelet-HLH	glcm	DifferenceEntropy	3.395651181
wavelet-HLH	glcm	InverseVariance	0.203130734
wavelet-HLH	glcm	DifferenceVariance	13.34829342
wavelet-HLH	glcm	Idn	0.860494094
wavelet-HLH	glcm	Idm	0.198394543
wavelet-HLH	glcm	Correlation	-0.018798278
wavelet-HLH	glcm	Autocorrelation	143.3286481
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wavelet-HLH	glcm	SumSquares	17.51121587
wavelet-HLH	glcm	ClusterProminence	4875.788482
wavelet-HLH	glcm	Imc2	0.981685638
wavelet-HLH	glcm	Imc1	-0.428921656
wavelet-HLH	glcm	DifferenceAverage	4.621962197
wavelet-HLH	glcm	Id	0.29203167
wavelet-HLH	glcm	ClusterTendency	34.84026164
wavelet-HLH	firstorder	InterquartileRange	126.8598816
wavelet-HLH	firstorder	Skewness	0.084129405
wavelet-HLH	firstorder	Uniformity	0.070692408
wavelet-HLH	firstorder	Median	16.79446227

wavelet-HLH	firstorder	Energy	1077472.568
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	56.69923089
wavelet-HLH	firstorder	MeanAbsoluteDeviation	87.64421309
wavelet-HLH	firstorder	TotalEnergy	29091759.33
wavelet-HLH	firstorder	Maximum	352.3300201
wavelet-HLH	firstorder	RootMeanSquared	113.9368123
wavelet-HLH	firstorder	90Percentile	143.8426443
wavelet-HLH	firstorder	Minimum	-268.762082
wavelet-HLH	firstorder	Entropy	4.058263363
wavelet-HLH	firstorder	Range	621.0921021
wavelet-HLH	firstorder	Variance	12885.17864
wavelet-HLH	firstorder	10Percentile	-132.9821095
wavelet-HLH	firstorder	Kurtosis	3.421789929
wavelet-HLH	firstorder	Mean	9.819295507
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.035213161
wavelet-HLH	glrlm	GrayLevelVariance	21.86511728
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.036349586
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.069276868
wavelet-HLH	glrlm	RunVariance	0.0482308
wavelet-HLH	glrlm	GrayLevelNonUniformity	5.494632093
wavelet-HLH	glrlm	LongRunEmphasis	1.145595136
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	160.3148047
wavelet-HLH	glrlm	RunLengthNonUniformity	72.63660789
wavelet-HLH	glrlm	ShortRunEmphasis	0.965793117
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	183.0661507
wavelet-HLH	glrlm	RunPercentage	0.955514365
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.040982959
wavelet-HLH	glrlm	RunEntropy	4.237482903
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	164.6897218
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.914763586
wavelet-HLH	glszm	GrayLevelVariance	28.90972222
wavelet-HLH	glszm	ZoneVariance	2.197482639
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060763889
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.512152778
wavelet-HLH	glszm	SizeZoneNonUniformity	24.58333333
wavelet-HLH	glszm	GrayLevelNonUniformity	2.916666667
wavelet-HLH	glszm	LargeAreaEmphasis	5.1875
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	154.4652022
wavelet-HLH	glszm	ZonePercentage	0.578313253
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.137549103
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	737.8333333
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	187.25
wavelet-HLH	glszm	SmallAreaEmphasis	0.739939059
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.033600512
wavelet-HLH	glszm	ZoneEntropy	4.631328386
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014363946
wavelet-HLH	ngtdm	Coarseness	0.062737147
wavelet-HLH	ngtdm	Complexity	613.040653
wavelet-HLH	ngtdm	Strength	8.896572405
wavelet-HLH	ngtdm	Contrast	0.37185548
wavelet-HLH	ngtdm	Busyness	0.074576108

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	889
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original	shape	MinorAxis	31.70529992
original	shape	Elongation	0.809675562
original	shape	SurfaceVolumeRatio	0.205882311
original	shape	Volume	24790.76385
original	shape	MajorAxis	39.15802997
original	shape	SurfaceArea	5103.979762
original	shape	Flatness	0.714638696
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original	shape	Maximum2DDiameterColumn	37.1219625
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original	gldm	HighGrayLevelEmphasis	467.7725332
original	gldm	DependenceEntropy	7.692969016
original	gldm	DependenceNonUniformity	1339.668667
original	gldm	GrayLevelNonUniformity	287.2809002
original	gldm	SmallDependenceEmphasis	0.271408223
original	gldm	SmallDependenceHighGrayLevelEmphasis	117.1191776
original	gldm	DependenceNonUniformityNormalized	0.154606886
original	gldm	LargeDependenceEmphasis	18.25147144
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.340005624
original	gldm	DependenceVariance	5.615969479
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original	gldm	LowGrayLevelEmphasis	0.013995172

original	glcm	JointAverage	19.58975624
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original	glcm	ClusterProminence	321711.8908
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original	glcm	ClusterTendency	454.526823
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original	firstorder	Uniformity	0.033154172
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original	glrlm	GrayLevelVariance	119.5016804
original	glrlm	LowGrayLevelRunEmphasis	0.013584962
original	glrlm	GrayLevelNonUniformityNormalized	0.032345466
original	glrlm	RunVariance	0.141506282
original	glrlm	GrayLevelNonUniformity	252.8281101
original	glrlm	LongRunEmphasis	1.3789224
original	glrlm	ShortRunHighGrayLevelEmphasis	423.8350691
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original	glrlm	ShortRunEmphasis	0.927817631
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original	glrlm	RunEntropy	5.555502916
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original	glszm	GrayLevelVariance	77.20140262
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original	glszm	GrayLevelNonUniformityNormalized	0.031926308
original	glszm	SizeZoneNonUniformityNormalized	0.365436473
original	glszm	SizeZoneNonUniformity	990.3328413
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original	glszm	HighGrayLevelZoneEmphasis	414.9878229
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original	glszm	LowGrayLevelZoneEmphasis	0.010508291
original	glszm	ZoneEntropy	7.053871628
original	glszm	SmallAreaLowGrayLevelEmphasis	0.005931613
original	ngtdm	Coarseness	0.001386134
original	ngtdm	Complexity	2485.472504
original	ngtdm	Strength	1.377368378
original	ngtdm	Contrast	0.317322134
original	ngtdm	Busyness	0.910091265
wavelet-HHH	gldm	GrayLevelVariance	0.382947682
wavelet-HHH	gldm	HighGrayLevelEmphasis	12.62608194
wavelet-HHH	gldm	DependenceEntropy	4.825629137
wavelet-HHH	gldm	DependenceNonUniformity	744.7698788
wavelet-HHH	gldm	GrayLevelNonUniformity	3816.628159
wavelet-HHH	gldm	SmallDependenceEmphasis	0.03732168
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	0.519108194
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.085951515
wavelet-HHH	gldm	LargeDependenceEmphasis	132.7507213
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	11.56556626
wavelet-HHH	gldm	DependenceVariance	13.25920435
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1657.8794
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005360892
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.091029813
wavelet-HHH	glcm	JointAverage	3.498459547
wavelet-HHH	glcm	SumAverage	6.996919094
wavelet-HHH	glcm	JointEntropy	2.699371127
wavelet-HHH	glcm	ClusterShade	0.010681602
wavelet-HHH	glcm	MaximumProbability	0.230699313
wavelet-HHH	glcm	Idmn	0.979460841
wavelet-HHH	glcm	JointEnergy	0.195883348
wavelet-HHH	glcm	Contrast	0.787874401
wavelet-HHH	glcm	DifferenceEntropy	1.302057008
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wavelet-HHH	glcm	DifferenceVariance	0.383684472
wavelet-HHH	glcm	Idn	0.912089439
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wavelet-HHH	glcm	Correlation	-0.022366726
wavelet-HHH	glcm	Autocorrelation	12.23059524
wavelet-HHH	glcm	SumEntropy	1.833271656

wavelet-HHH	glcm	SumSquares	0.385312618
wavelet-HHH	glcm	ClusterProminence	1.812381705
wavelet-HHH	glcm	Imc2	0.127525171
wavelet-HHH	glcm	Imc1	-0.009128082
wavelet-HHH	glcm	DifferenceAverage	0.63403885
wavelet-HHH	glcm	Id	0.706962878
wavelet-HHH	glcm	ClusterTendency	0.753376073
wavelet-HHH	firstorder	InterquartileRange	15.97700012
wavelet-HHH	firstorder	Skewness	-0.017813488
wavelet-HHH	firstorder	Uniformity	0.440464877
wavelet-HHH	firstorder	Median	0.003050767
wavelet-HHH	firstorder	Energy	1493725.117
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	6.731797393
wavelet-HHH	firstorder	MeanAbsoluteDeviation	10.09520496
wavelet-HHH	firstorder	TotalEnergy	4273581.839
wavelet-HHH	firstorder	Maximum	66.84876619
wavelet-HHH	firstorder	RootMeanSquared	13.12958679
wavelet-HHH	firstorder	90Percentile	15.90109541
wavelet-HHH	firstorder	Minimum	-67.18238834
wavelet-HHH	firstorder	Entropy	1.351232495
wavelet-HHH	firstorder	Range	134.0311545
wavelet-HHH	firstorder	Variance	172.386044
wavelet-HHH	firstorder	10Percentile	-16.1322021
wavelet-HHH	firstorder	Kurtosis	3.946476443
wavelet-HHH	firstorder	Mean	0.002293567
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.066147345
wavelet-HHH	glrlm	GrayLevelVariance	0.455431924
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.09333896
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.41150361
wavelet-HHH	glrlm	RunVariance	1.019930322
wavelet-HHH	glrlm	GrayLevelNonUniformity	2204.630153
wavelet-HHH	glrlm	LongRunEmphasis	3.664873019
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	8.809118265
wavelet-HHH	glrlm	RunLengthNonUniformity	2422.287817
wavelet-HHH	glrlm	ShortRunEmphasis	0.689390854
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	46.0373733
wavelet-HHH	glrlm	RunPercentage	0.618030095
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.325658976
wavelet-HHH	glrlm	RunEntropy	2.966334316
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	12.69713063
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.450462432
wavelet-HHH	glszm	GrayLevelVariance	2.407121167
wavelet-HHH	glszm	ZoneVariance	117899.307
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.452514695
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.452801418
wavelet-HHH	glszm	SizeZoneNonUniformity	125.4259928
wavelet-HHH	glszm	GrayLevelNonUniformity	125.3465704
wavelet-HHH	glszm	LargeAreaEmphasis	118877.8448
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	10.06605318
wavelet-HHH	glszm	ZonePercentage	0.031967686
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	10310.55303
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1487322.054
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	14.36823105
wavelet-HHH	glszm	SmallAreaEmphasis	0.699779243

wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.161220417
wavelet-HHH	glszm	ZoneEntropy	3.067403661
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.117478016
wavelet-HHH	ngtdm	Coarseness	0.000507899
wavelet-HHH	ngtdm	Complexity	9.229335214
wavelet-HHH	ngtdm	Strength	0.00790477
wavelet-HHH	ngtdm	Contrast	0.014758253
wavelet-HHH	ngtdm	Busyness	72.0928332
wavelet-HLL	gldm	GrayLevelVariance	43.57125711
wavelet-HLL	gldm	HighGrayLevelEmphasis	765.2050779
wavelet-HLL	gldm	DependenceEntropy	7.186264176
wavelet-HLL	gldm	DependenceNonUniformity	1775.917023
wavelet-HLL	gldm	GrayLevelNonUniformity	378.8321985
wavelet-HLL	gldm	SmallDependenceEmphasis	0.331891819
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	252.3545673
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.204952917
wavelet-HLL	gldm	LargeDependenceEmphasis	10.77541835
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017505804
wavelet-HLL	gldm	DependenceVariance	2.841427994
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8226.974957
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000964872
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002113674
wavelet-HLL	glcm	JointAverage	26.69501936
wavelet-HLL	glcm	SumAverage	53.39003872
wavelet-HLL	glcm	JointEntropy	9.150648603
wavelet-HLL	glcm	ClusterShade	-125.368607
wavelet-HLL	glcm	MaximumProbability	0.009255128
wavelet-HLL	glcm	Idmn	0.978523689
wavelet-HLL	glcm	JointEnergy	0.002704562
wavelet-HLL	glcm	Contrast	64.38311635
wavelet-HLL	glcm	DifferenceEntropy	3.900309993
wavelet-HLL	glcm	InverseVariance	0.203298371
wavelet-HLL	glcm	DifferenceVariance	27.68351125
wavelet-HLL	glcm	Idn	0.908318134
wavelet-HLL	glcm	Idm	0.199657354
wavelet-HLL	glcm	Correlation	0.285352588
wavelet-HLL	glcm	Autocorrelation	725.2732808
wavelet-HLL	glcm	SumEntropy	5.426669497
wavelet-HLL	glcm	SumSquares	44.83456965
wavelet-HLL	glcm	ClusterProminence	42876.38897
wavelet-HLL	glcm	Imc2	0.626804235
wavelet-HLL	glcm	Imc1	-0.084701131
wavelet-HLL	glcm	DifferenceAverage	5.726216026
wavelet-HLL	glcm	Id	0.285800631
wavelet-HLL	glcm	ClusterTendency	114.9551623
wavelet-HLL	firstorder	InterquartileRange	215.1764457
wavelet-HLL	firstorder	Skewness	-0.185219199
wavelet-HLL	firstorder	Uniformity	0.043719815
wavelet-HLL	firstorder	Median	-6.022060806
wavelet-HLL	firstorder	Energy	237777268.8
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	89.65666335
wavelet-HLL	firstorder	MeanAbsoluteDeviation	130.032132
wavelet-HLL	firstorder	TotalEnergy	680286222.9
wavelet-HLL	firstorder	Maximum	602.0779991

wavelet-HLL	firstorder	RootMeanSquared	165.653602
wavelet-HLL	firstorder	90Percentile	194.0379191
wavelet-HLL	firstorder	Minimum	-674.3894487
wavelet-HLL	firstorder	Entropy	4.755244278
wavelet-HLL	firstorder	Range	1276.467448
wavelet-HLL	firstorder	Variance	27190.03537
wavelet-HLL	firstorder	10Percentile	-235.2142481
wavelet-HLL	firstorder	Kurtosis	3.083152807
wavelet-HLL	firstorder	Mean	-15.84551933
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002065049
wavelet-HLL	glrlm	GrayLevelVariance	44.53022963
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.002150537
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.043001537
wavelet-HLL	glrlm	RunVariance	0.093248096
wavelet-HLL	glrlm	GrayLevelNonUniformity	346.5723889
wavelet-HLL	glrlm	LongRunEmphasis	1.256205732
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	725.3858638
wavelet-HLL	glrlm	RunLengthNonUniformity	7076.943397
wavelet-HLL	glrlm	ShortRunEmphasis	0.948172326
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	961.6152451
wavelet-HLL	glrlm	RunPercentage	0.930125616
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.002566696
wavelet-HLL	glrlm	RunEntropy	5.140914878
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	765.1040924
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.875316005
wavelet-HLL	glszm	GrayLevelVariance	56.53403559
wavelet-HLL	glszm	ZoneVariance	25.22525138
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036950557
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.361798465
wavelet-HLL	glszm	SizeZoneNonUniformity	1248.566502
wavelet-HLL	glszm	GrayLevelNonUniformity	127.5163721
wavelet-HLL	glszm	LargeAreaEmphasis	31.52970154
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	471.8329001
wavelet-HLL	glszm	ZonePercentage	0.398268898
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.047820781
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	23383.38858
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	766.1211243
wavelet-HLL	glszm	SmallAreaEmphasis	0.621807132
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.002757421
wavelet-HLL	glszm	ZoneEntropy	6.978945192
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002047537
wavelet-HLL	ngtdm	Coarseness	0.000901166
wavelet-HLL	ngtdm	Complexity	4194.503212
wavelet-HLL	ngtdm	Strength	0.742980951
wavelet-HLL	ngtdm	Contrast	0.141220149
wavelet-HLL	ngtdm	Busyness	0.679698475
wavelet-LHL	gldm	GrayLevelVariance	5.816689822
wavelet-LHL	gldm	HighGrayLevelEmphasis	215.152337
wavelet-LHL	gldm	DependenceEntropy	6.440721709
wavelet-LHL	gldm	DependenceNonUniformity	888.7290248
wavelet-LHL	gldm	GrayLevelNonUniformity	1225.09925
wavelet-LHL	gldm	SmallDependenceEmphasis	0.117303861
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	25.93480869
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.102565381



wavelet-LHL	gldm	LargeDependenceEmphasis	38.12244662
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.188240853
wavelet-LHL	gldm	DependenceVariance	8.97241692
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	8137.055857
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000863744
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005523057
wavelet-LHL	glcm	JointAverage	14.4495804
wavelet-LHL	glcm	SumAverage	28.89916081
wavelet-LHL	glcm	JointEntropy	6.262649721
wavelet-LHL	glcm	ClusterShade	-11.22549581
wavelet-LHL	glcm	MaximumProbability	0.056730263
wavelet-LHL	glcm	Idmn	0.990434082
wavelet-LHL	glcm	JointEnergy	0.023827816
wavelet-LHL	glcm	Contrast	7.373315665
wavelet-LHL	glcm	DifferenceEntropy	2.56416029
wavelet-LHL	glcm	InverseVariance	0.399232166
wavelet-LHL	glcm	DifferenceVariance	3.497373874
wavelet-LHL	glcm	Idn	0.93681848
wavelet-LHL	glcm	Idm	0.415983284
wavelet-LHL	glcm	Correlation	0.383423745
wavelet-LHL	glcm	Autocorrelation	211.0791444
wavelet-LHL	glcm	SumEntropy	3.964862976
wavelet-LHL	glcm	SumSquares	5.975382985
wavelet-LHL	glcm	ClusterProminence	1653.367739
wavelet-LHL	glcm	Imc2	0.53799485
wavelet-LHL	glcm	Imc1	-0.068376435
wavelet-LHL	glcm	DifferenceAverage	1.933391679
wavelet-LHL	glcm	Id	0.48070311
wavelet-LHL	glcm	ClusterTendency	16.52821628
wavelet-LHL	firstorder	InterquartileRange	61.06581247
wavelet-LHL	firstorder	Skewness	-0.118352517
wavelet-LHL	firstorder	Uniformity	0.141384795
wavelet-LHL	firstorder	Median	0.912301323
wavelet-LHL	firstorder	Energy	31048479.47
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	26.05098671
wavelet-LHL	firstorder	MeanAbsoluteDeviation	42.76082133
wavelet-LHL	firstorder	TotalEnergy	88830412.31
wavelet-LHL	firstorder	Maximum	319.1573252
wavelet-LHL	firstorder	RootMeanSquared	59.8598859
wavelet-LHL	firstorder	90Percentile	64.46847331
wavelet-LHL	firstorder	Minimum	-325.1703716
wavelet-LHL	firstorder	Entropy	3.2189959
wavelet-LHL	firstorder	Range	644.3276968
wavelet-LHL	firstorder	Variance	3582.640943
wavelet-LHL	firstorder	10Percentile	-69.07295777
wavelet-LHL	firstorder	Kurtosis	6.043466457
wavelet-LHL	firstorder	Mean	-0.751663257
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004978984
wavelet-LHL	glrlm	GrayLevelVariance	6.409509892
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005624527
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.131937984
wavelet-LHL	glrlm	RunVariance	0.282839352
wavelet-LHL	glrlm	GrayLevelNonUniformity	950.2637536
wavelet-LHL	glrlm	LongRunEmphasis	1.746951152

wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	188.1916885
wavelet-LHL	glrlm	RunLengthNonUniformity	5209.856362
wavelet-LHL	glrlm	ShortRunEmphasis	0.872719458
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	375.0492959
wavelet-LHL	glrlm	RunPercentage	0.830804741
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.009362142
wavelet-LHL	glrlm	RunEntropy	4.059348003
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	215.4295657
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.720498891
wavelet-LHL	glszm	GrayLevelVariance	17.62798468
wavelet-LHL	glszm	ZoneVariance	6342.46682
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.071855118
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.26508888
wavelet-LHL	glszm	SizeZoneNonUniformity	262.1729019
wavelet-LHL	glszm	GrayLevelNonUniformity	71.06471183
wavelet-LHL	glszm	LargeAreaEmphasis	6419.228514
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	118.8220785
wavelet-LHL	glszm	ZonePercentage	0.114137334
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	30.75287476
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1358084.159
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	224.3013145
wavelet-LHL	glszm	SmallAreaEmphasis	0.525108026
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.007886779
wavelet-LHL	glszm	ZoneEntropy	6.488213114
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004680444
wavelet-LHL	ngtdm	Coarseness	0.000948671
wavelet-LHL	ngtdm	Complexity	378.676802
wavelet-LHL	ngtdm	Strength	0.300334175
wavelet-LHL	ngtdm	Contrast	0.022553438
wavelet-LHL	ngtdm	Busyness	1.892599853
wavelet-LHH	gldm	GrayLevelVariance	0.716234155
wavelet-LHH	gldm	HighGrayLevelEmphasis	30.99988459
wavelet-LHH	gldm	DependenceEntropy	5.409249537
wavelet-LHH	gldm	DependenceNonUniformity	585.6063474
wavelet-LHH	gldm	GrayLevelNonUniformity	3064.354876
wavelet-LHH	gldm	SmallDependenceEmphasis	0.044080197
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	1.509850287
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.06758296
wavelet-LHH	gldm	LargeDependenceEmphasis	111.7212926
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	3.840244778
wavelet-LHH	gldm	DependenceVariance	16.89887448
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3397.949452
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001985307
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.036018561
wavelet-LHH	glcm	JointAverage	5.504198687
wavelet-LHH	glcm	SumAverage	11.00839737
wavelet-LHH	glcm	JointEntropy	3.525633549
wavelet-LHH	glcm	ClusterShade	0.05969771
wavelet-LHH	glcm	MaximumProbability	0.187399078
wavelet-LHH	glcm	Idmn	0.987143444
wavelet-LHH	glcm	JointEnergy	0.131303688
wavelet-LHH	glcm	Contrast	1.361268882
wavelet-LHH	glcm	DifferenceEntropy	1.601455086
wavelet-LHH	glcm	InverseVariance	0.495735151

wavelet-LHH	glcm	DifferenceVariance	0.674753676
wavelet-LHH	glcm	Idn	0.929360717
wavelet-LHH	glcm	Idm	0.642071786
wavelet-LHH	glcm	Correlation	0.068662153
wavelet-LHH	glcm	Autocorrelation	30.3462517
wavelet-LHH	glcm	SumEntropy	2.322183834
wavelet-LHH	glcm	SumSquares	0.730681881
wavelet-LHH	glcm	ClusterProminence	11.50836102
wavelet-LHH	glcm	Imc2	0.298506234
wavelet-LHH	glcm	Imc1	-0.035537447
wavelet-LHH	glcm	DifferenceAverage	0.819017372
wavelet-LHH	glcm	Id	0.662909681
wavelet-LHH	glcm	ClusterTendency	1.56145864
wavelet-LHH	firstorder	InterquartileRange	22.44875516
wavelet-LHH	firstorder	Skewness	0.075402936
wavelet-LHH	firstorder	Uniformity	0.353647418
wavelet-LHH	firstorder	Median	-0.117106964
wavelet-LHH	firstorder	Energy	3374737.633
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	9.451721703
wavelet-LHH	firstorder	MeanAbsoluteDeviation	14.69054715
wavelet-LHH	firstorder	TotalEnergy	9655201.814
wavelet-LHH	firstorder	Maximum	121.8963198
wavelet-LHH	firstorder	RootMeanSquared	19.73493606
wavelet-LHH	firstorder	90Percentile	23.18728616
wavelet-LHH	firstorder	Minimum	-109.0292214
wavelet-LHH	firstorder	Entropy	1.780574061
wavelet-LHH	firstorder	Range	230.9255411
wavelet-LHH	firstorder	Variance	389.467636
wavelet-LHH	firstorder	10Percentile	-22.79090319
wavelet-LHH	firstorder	Kurtosis	5.012700784
wavelet-LHH	firstorder	Mean	-0.008086054
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.0274898
wavelet-LHH	glrlm	GrayLevelVariance	0.881816666
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.03672012
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.31609557
wavelet-LHH	glrlm	RunVariance	0.833029565
wavelet-LHH	glrlm	GrayLevelNonUniformity	1818.655017
wavelet-LHH	glrlm	LongRunEmphasis	3.14444141
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	23.14746581
wavelet-LHH	glrlm	RunLengthNonUniformity	2935.968316
wavelet-LHH	glrlm	ShortRunEmphasis	0.735066122
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	96.62405157
wavelet-LHH	glrlm	RunPercentage	0.663935372
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.110771823
wavelet-LHH	glrlm	RunEntropy	3.258819139
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	31.24682308
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.506311937
wavelet-LHH	glszm	GrayLevelVariance	3.729635136
wavelet-LHH	glszm	ZoneVariance	73694.00679
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.268619065
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.276838518
wavelet-LHH	glszm	SizeZoneNonUniformity	95.78612717
wavelet-LHH	glszm	GrayLevelNonUniformity	92.94219653
wavelet-LHH	glszm	LargeAreaEmphasis	74321.1763

wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	19.31226338
wavelet-LHH	glszm	ZonePercentage	0.039930756
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	2528.028728
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2259613.127
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	34.10693642
wavelet-LHH	glszm	SmallAreaEmphasis	0.535320372
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.051746483
wavelet-LHH	glszm	ZoneEntropy	4.67526615
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026745486
wavelet-LHH	ngtdm	Coarseness	0.000646145
wavelet-LHH	ngtdm	Complexity	29.99054552
wavelet-LHH	ngtdm	Strength	0.031364052
wavelet-LHH	ngtdm	Contrast	0.010502249
wavelet-LHH	ngtdm	Busyness	19.24037396
wavelet-LLH	gldm	GrayLevelVariance	8.256211454
wavelet-LLH	gldm	HighGrayLevelEmphasis	426.8493941
wavelet-LLH	gldm	DependenceEntropy	6.667393043
wavelet-LLH	gldm	DependenceNonUniformity	943.2504328
wavelet-LLH	gldm	GrayLevelNonUniformity	1013.956492
wavelet-LLH	gldm	SmallDependenceEmphasis	0.14287138
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	60.9294999
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.108857523
wavelet-LLH	gldm	LargeDependenceEmphasis	33.8932487
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.082978733
wavelet-LLH	gldm	DependenceVariance	8.761511849
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	14404.13987
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000542508
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002744043
wavelet-LLH	glcm	JointAverage	20.44218005
wavelet-LLH	glcm	SumAverage	40.88436011
wavelet-LLH	glcm	JointEntropy	6.736536687
wavelet-LLH	glcm	ClusterShade	-38.90736706
wavelet-LLH	glcm	MaximumProbability	0.048797806
wavelet-LLH	glcm	Idmn	0.992855409
wavelet-LLH	glcm	JointEnergy	0.01700467
wavelet-LLH	glcm	Contrast	10.21995446
wavelet-LLH	glcm	DifferenceEntropy	2.761247068
wavelet-LLH	glcm	InverseVariance	0.364582632
wavelet-LLH	glcm	DifferenceVariance	4.879487193
wavelet-LLH	glcm	Idn	0.945269984
wavelet-LLH	glcm	Idm	0.381960717
wavelet-LLH	glcm	Correlation	0.388696745
wavelet-LLH	glcm	Autocorrelation	421.1273795
wavelet-LLH	glcm	SumEntropy	4.233350757
wavelet-LLH	glcm	SumSquares	8.354596352
wavelet-LLH	glcm	ClusterProminence	3217.669271
wavelet-LLH	glcm	Imc2	0.567818641
wavelet-LLH	glcm	Imc1	-0.074470724
wavelet-LLH	glcm	DifferenceAverage	2.259797162
wavelet-LLH	glcm	Id	0.452711064
wavelet-LLH	glcm	ClusterTendency	23.19843095
wavelet-LLH	firstorder	InterquartileRange	74.47370694
wavelet-LLH	firstorder	Skewness	-0.363841675
wavelet-LLH	firstorder	Uniformity	0.117017483

wavelet-LLH	firstorder	Median	2.385273539
wavelet-LLH	firstorder	Energy	44366619.01
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	31.86747419
wavelet-LLH	firstorder	MeanAbsoluteDeviation	51.55498182
wavelet-LLH	firstorder	TotalEnergy	126933915.2
wavelet-LLH	firstorder	Maximum	408.6852701
wavelet-LLH	firstorder	RootMeanSquared	71.55564217
wavelet-LLH	firstorder	90Percentile	80.54993967
wavelet-LLH	firstorder	Minimum	-483.876196
wavelet-LLH	firstorder	Entropy	3.481939672
wavelet-LLH	firstorder	Range	892.5614661
wavelet-LLH	firstorder	Variance	5119.250909
wavelet-LLH	firstorder	10Percentile	-85.59679255
wavelet-LLH	firstorder	Kurtosis	6.339522795
wavelet-LLH	firstorder	Mean	-0.979294175
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002506446
wavelet-LLH	glrlm	GrayLevelVariance	8.999455146
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.0027933
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.109681835
wavelet-LLH	glrlm	RunVariance	0.256133242
wavelet-LLH	glrlm	GrayLevelNonUniformity	804.0057873
wavelet-LLH	glrlm	LongRunEmphasis	1.669228882
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	378.029523
wavelet-LLH	glrlm	RunLengthNonUniformity	5472.207545
wavelet-LLH	glrlm	ShortRunEmphasis	0.885064679
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	712.0943547
wavelet-LLH	glrlm	RunPercentage	0.845647832
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.004444156
wavelet-LLH	glrlm	RunEntropy	4.257436062
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	427.0077229
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.74364446
wavelet-LLH	glszm	GrayLevelVariance	22.23663116
wavelet-LLH	glszm	ZoneVariance	3752.500817
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.063371058
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.294746433
wavelet-LLH	glszm	SizeZoneNonUniformity	369.9067729
wavelet-LLH	glszm	GrayLevelNonUniformity	79.53067729
wavelet-LLH	glszm	LargeAreaEmphasis	3800.171315
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	238.0153404
wavelet-LLH	glszm	ZonePercentage	0.144835545
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	9.07579736
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1602245.782
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	427.6733068
wavelet-LLH	glszm	SmallAreaEmphasis	0.558455157
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003976588
wavelet-LLH	glszm	ZoneEntropy	6.575762518
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00258936
wavelet-LLH	ngtdm	Coarseness	0.001058237
wavelet-LLH	ngtdm	Complexity	799.0694468
wavelet-LLH	ngtdm	Strength	0.64969054
wavelet-LLH	ngtdm	Contrast	0.019736109
wavelet-LLH	ngtdm	Busyness	0.857581278
wavelet-LLL	gldm	GrayLevelVariance	926.2908213
wavelet-LLL	gldm	HighGrayLevelEmphasis	3373.131564

wavelet-LLL	gldm	DependenceEntropy	8.355564695
wavelet-LLL	gldm	DependenceNonUniformity	2615.524409
wavelet-LLL	gldm	GrayLevelNonUniformity	100.0351991
wavelet-LLL	gldm	SmallDependenceEmphasis	0.530973834
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1698.749818
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.301849326
wavelet-LLL	gldm	LargeDependenceEmphasis	6.125908829
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024822361
wavelet-LLL	gldm	DependenceVariance	1.826447951
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	22387.1805
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00108596
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002548281
wavelet-LLL	glcm	JointAverage	52.39168324
wavelet-LLL	glcm	SumAverage	104.7833665
wavelet-LLL	glcm	JointEntropy	11.69583229
wavelet-LLL	glcm	ClusterShade	19154.4621
wavelet-LLL	glcm	MaximumProbability	0.002057636
wavelet-LLL	glcm	Idmn	0.984374981
wavelet-LLL	glcm	JointEnergy	0.000441852
wavelet-LLL	glcm	Contrast	251.0871037
wavelet-LLL	glcm	DifferenceEntropy	4.897361509
wavelet-LLL	glcm	InverseVariance	0.127648639
wavelet-LLL	glcm	DifferenceVariance	109.3270698
wavelet-LLL	glcm	Idn	0.920326894
wavelet-LLL	glcm	Idm	0.124400022
wavelet-LLL	glcm	Correlation	0.864980181
wavelet-LLL	glcm	Autocorrelation	3548.51992
wavelet-LLL	glcm	SumEntropy	7.539533493
wavelet-LLL	glcm	SumSquares	928.0000863
wavelet-LLL	glcm	ClusterProminence	19007244.48
wavelet-LLL	glcm	Imc2	0.968193055
wavelet-LLL	glcm	Imc1	-0.221469496
wavelet-LLL	glcm	DifferenceAverage	11.46283671
wavelet-LLL	glcm	Id	0.199648524
wavelet-LLL	glcm	ClusterTendency	3460.913242
wavelet-LLL	firstorder	InterquartileRange	1462.767161
wavelet-LLL	firstorder	Skewness	0.24268173
wavelet-LLL	firstorder	Uniformity	0.011544743
wavelet-LLL	firstorder	Median	-1344.396354
wavelet-LLL	firstorder	Energy	17509311679
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	576.1577616
wavelet-LLL	firstorder	MeanAbsoluteDeviation	682.6812319
wavelet-LLL	firstorder	TotalEnergy	50094542537
wavelet-LLL	firstorder	Maximum	634.2199006
wavelet-LLL	firstorder	RootMeanSquared	1421.511093
wavelet-LLL	firstorder	90Percentile	-120.1392576
wavelet-LLL	firstorder	Minimum	-2422.609278
wavelet-LLL	firstorder	Entropy	6.556454337
wavelet-LLL	firstorder	Range	3056.829178
wavelet-LLL	firstorder	Variance	578746.111
wavelet-LLL	firstorder	10Percentile	-2119.275147
wavelet-LLL	firstorder	Kurtosis	1.6047197
wavelet-LLL	firstorder	Mean	-1200.811258
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002380695

wavelet-LLL	glrlm	GrayLevelVariance	910.2637322
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002494315
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.011453864
wavelet-LLL	glrlm	RunVariance	0.049235841
wavelet-LLL	glrlm	GrayLevelNonUniformity	95.15419983
wavelet-LLL	glrlm	LongRunEmphasis	1.138280725
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3248.115322
wavelet-LLL	glrlm	RunLengthNonUniformity	7677.31339
wavelet-LLL	glrlm	ShortRunEmphasis	0.96966313
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3865.414869
wavelet-LLL	glrlm	RunPercentage	0.958710995
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003024708
wavelet-LLL	glrlm	RunEntropy	6.790631332
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3360.132349
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.923667308
wavelet-LLL	glszm	GrayLevelVariance	739.3185489
wavelet-LLL	glszm	ZoneVariance	3.708301827
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011052125
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.551778928
wavelet-LLL	glszm	SizeZoneNonUniformity	2879.182445
wavelet-LLL	glszm	GrayLevelNonUniformity	57.6699885
wavelet-LLL	glszm	LargeAreaEmphasis	6.465887313
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2434.55333
wavelet-LLL	glszm	ZonePercentage	0.602192729
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022863654
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	26611.64335
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3192.415293
wavelet-LLL	glszm	SmallAreaEmphasis	0.771086639
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002079284
wavelet-LLL	glszm	ZoneEntropy	7.841342632
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00150602
wavelet-LLL	ngtdm	Coarseness	0.001886114
wavelet-LLL	ngtdm	Complexity	27781.61787
wavelet-LLL	ngtdm	Strength	9.791714816
wavelet-LLL	ngtdm	Contrast	0.809563857
wavelet-LLL	ngtdm	Busyness	0.122884058
wavelet-HHL	gldm	GrayLevelVariance	1.862354852
wavelet-HHL	gldm	HighGrayLevelEmphasis	74.29001731
wavelet-HHL	gldm	DependenceEntropy	5.739887963
wavelet-HHL	gldm	DependenceNonUniformity	706.1725332
wavelet-HHL	gldm	GrayLevelNonUniformity	1930.995615
wavelet-HHL	gldm	SmallDependenceEmphasis	0.086728636
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	6.91781853
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.081497119
wavelet-HHL	gldm	LargeDependenceEmphasis	56.02527409
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.797884782
wavelet-HHL	gldm	DependenceVariance	12.0835992
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4082.306405
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001628563
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.015325899
wavelet-HHL	glcm	JointAverage	8.514905897
wavelet-HHL	glcm	SumAverage	17.02981179
wavelet-HHL	glcm	JointEntropy	4.860551886
wavelet-HHL	glcm	ClusterShade	0.851914691

wavelet-HHL	glcm	MaximumProbability	0.102017844
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wavelet-HHL	glcm	InverseVariance	0.450936624
wavelet-HHL	glcm	DifferenceVariance	1.588740283
wavelet-HHL	glcm	Idn	0.919979687
wavelet-HHL	glcm	Idm	0.492404546
wavelet-HHL	glcm	Correlation	0.027651224
wavelet-HHL	glcm	Autocorrelation	72.55696708
wavelet-HHL	glcm	SumEntropy	2.966939465
wavelet-HHL	glcm	SumSquares	1.848291802
wavelet-HHL	glcm	ClusterProminence	63.79351206
wavelet-HHL	glcm	Imc2	0.294832481
wavelet-HHL	glcm	Imc1	-0.030662019
wavelet-HHL	glcm	DifferenceAverage	1.396371578
wavelet-HHL	glcm	Id	0.543196573
wavelet-HHL	glcm	ClusterTendency	3.803262091
wavelet-HHL	firstorder	InterquartileRange	39.80977593
wavelet-HHL	firstorder	Skewness	0.091035203
wavelet-HHL	firstorder	Uniformity	0.222850042
wavelet-HHL	firstorder	Median	-0.008080039
wavelet-HHL	firstorder	Energy	9619527.92
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	16.68529161
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wavelet-HHL	firstorder	TotalEnergy	27521690.14
wavelet-HHL	firstorder	Maximum	155.7398619
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wavelet-HHL	firstorder	Entropy	2.470488976
wavelet-HHL	firstorder	Range	346.4179515
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wavelet-HHL	firstorder	Kurtosis	4.345043803
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wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013210309
wavelet-HHL	glrlm	GrayLevelVariance	2.139213662
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.015577783
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.202751112
wavelet-HHL	glrlm	RunVariance	0.43383353
wavelet-HHL	glrlm	GrayLevelNonUniformity	1376.375562
wavelet-HHL	glrlm	LongRunEmphasis	2.103644791
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	62.63414783
wavelet-HHL	glrlm	RunLengthNonUniformity	4507.361637
wavelet-HHL	glrlm	ShortRunEmphasis	0.836673991
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	155.1829042
wavelet-HHL	glrlm	RunPercentage	0.783505704
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.031484071
wavelet-HHL	glrlm	RunEntropy	3.485008099
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	74.61304751
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.658524299
wavelet-HHL	glszm	GrayLevelVariance	7.638844588



wavelet-HHL	glszm	ZoneVariance	23696.59546
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.14046328
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.320661742
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wavelet-HHL	glszm	GrayLevelNonUniformity	88.63232964
wavelet-HHL	glszm	LargeAreaEmphasis	23885.16799
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	48.97116098
wavelet-HHL	glszm	ZonePercentage	0.072821696
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	339.9443465
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1725530.509
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	82.75911252
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wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.021173358
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.098138817
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	7.968192682
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.082463579
wavelet-HLH	gldm	LargeDependenceEmphasis	54.16191575
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wavelet-HLH	gldm	LowGrayLevelEmphasis	0.01563144
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wavelet-HLH	glcm	MaximumProbability	0.093601361
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wavelet-HLH	glcm	DifferenceEntropy	2.305431972
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wavelet-HLH	glcm	Imc1	-0.035411757

wavelet-HLH	glcm	DifferenceAverage	1.554612129
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wavelet-HLH	firstorder	Median	-0.617750545
wavelet-HLH	firstorder	Energy	11946714.24
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	17.76458226
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wavelet-HLH	firstorder	TotalEnergy	34179823.6
wavelet-HLH	firstorder	Maximum	193.0105178
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wavelet-HLH	firstorder	Entropy	2.60889775
wavelet-HLH	firstorder	Range	371.9401237
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wavelet-HLH	firstorder	10Percentile	-43.95829232
wavelet-HLH	firstorder	Kurtosis	4.548040901
wavelet-HLH	firstorder	Mean	-0.015106766
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013617043
wavelet-HLH	glrlm	GrayLevelVariance	2.616895911
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.015914604
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.18652088
wavelet-HLH	glrlm	RunVariance	0.414540656
wavelet-HLH	glrlm	GrayLevelNonUniformity	1279.999703
wavelet-HLH	glrlm	LongRunEmphasis	2.051016604
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	63.40533254
wavelet-HLH	glrlm	RunLengthNonUniformity	4642.977767
wavelet-HLH	glrlm	ShortRunEmphasis	0.843428329
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	151.5577052
wavelet-HLH	glrlm	RunPercentage	0.791814994
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.031193332
wavelet-HLH	glrlm	RunEntropy	3.595591846
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	74.87699333
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.67079827
wavelet-HLH	glszm	GrayLevelVariance	8.646281958
wavelet-HLH	glszm	ZoneVariance	17846.30613
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.120343316
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.320971512
wavelet-HLH	glszm	SizeZoneNonUniformity	237.5189189
wavelet-HLH	glszm	GrayLevelNonUniformity	89.05405405
wavelet-HLH	glszm	LargeAreaEmphasis	17983.41757
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	50.48148801
wavelet-HLH	glszm	ZonePercentage	0.085401039
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	259.6806216
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1280073.922
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	85.23243243
wavelet-HLH	glszm	SmallAreaEmphasis	0.581797685
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.021370928
wavelet-HLH	glszm	ZoneEntropy	5.499089517
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013286992
wavelet-HLH	ngtdm	Coarseness	0.000762687

wavelet-HLH	ngtdm	Complexity	129.888916
wavelet-HLH	ngtdm	Strength	0.075951584
wavelet-HLH	ngtdm	Contrast	0.021798403
wavelet-HLH	ngtdm	Busyness	6.754851469

Image type	Feature Class	Feature Name	
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general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
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original	shape	Flatness	2082.584223
original	shape	LeastAxis	0.535714537
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original	gldm	GrayLevelVariance	28.78681407
original	gldm	HighGrayLevelEmphasis	95.00571421
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original	gldm	DependenceNonUniformity	7.184637345
original	gldm	GrayLevelNonUniformity	487.2775996
original	gldm	SmallDependenceEmphasis	69.0494732
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.36768497
original	gldm	DependenceNonUniformityNormalized	157.5037792
original	gldm	LargeDependenceEmphasis	0.223214659
original	gldm	LargeDependenceLowGrayLevelEmphasis	11.0897847
original	gldm	DependenceVariance	0.060164692
original	gldm	LargeDependenceHighGrayLevelEmphasis	3.613330342
original	gldm	SmallDependenceLowGrayLevelEmphasis	9174.108566
original	gldm		0.003036474

original	gldm	LowGrayLevelEmphasis	0.007261312
original	glcm	JointAverage	22.17147786
original	glcm	SumAverage	44.34295572
original	glcm	JointEntropy	9.219312283
original	glcm	ClusterShade	25.85794696
original	glcm	MaximumProbability	0.013349899
original	glcm	ldmn	0.957801401
original	glcm	JointEnergy	0.002404678
original	glcm	Contrast	69.72707595
original	glcm	DifferenceEntropy	3.943384451
original	glcm	InverseVariance	0.192154954
original	glcm	DifferenceVariance	25.13180181
original	glcm	ldn	0.870367639
original	glcm	ldm	0.194213707
original	glcm	Correlation	0.642046311
original	glcm	Autocorrelation	553.3612581
original	glcm	SumEntropy	5.981542032
original	glcm	SumSquares	96.09988222
original	glcm	ClusterProminence	193693.81
original	glcm	lmc2	0.878988943
original	glcm	lmc1	-0.171474917
original	glcm	DifferenceAverage	6.281809964
original	glcm	ld	0.275449244
original	glcm	ClusterTendency	314.6724529
original	firstorder	InterquartileRange	400
original	firstorder	Skewness	0.23160833
original	firstorder	Uniformity	0.031630542
original	firstorder	Median	-430
original	firstorder	Energy	486263368
original	firstorder	RobustMeanAbsoluteDeviation	167.2901577
original	firstorder	MeanAbsoluteDeviation	209.6195203
original	firstorder	TotalEnergy	1391210655
original	firstorder	Maximum	41
original	firstorder	RootMeanSquared	471.9640389
original	firstorder	90Percentile	-29
original	firstorder	Minimum	-879
original	firstorder	Entropy	5.065871817
original	firstorder	Range	920
original	firstorder	Variance	59266.70875
original	firstorder	10Percentile	-705
original	firstorder	Kurtosis	1.870242213
original	firstorder	Mean	-404.3307375
original	glrlm	ShortRunLowGrayLevelEmphasis	0.007055927
original	glrlm	GrayLevelVariance	91.21823274
original	glrlm	LowGrayLevelRunEmphasis	0.007355004
original	glrlm	GrayLevelNonUniformityNormalized	0.031439562
original	glrlm	RunVariance	0.090884576
original	glrlm	GrayLevelNonUniformity	64.05013923
original	glrlm	LongRunEmphasis	1.246479777
original	glrlm	ShortRunHighGrayLevelEmphasis	459.7859158
original	glrlm	RunLengthNonUniformity	1801.835475
original	glrlm	ShortRunEmphasis	0.950819431
original	glrlm	LongRunHighGrayLevelEmphasis	673.7599177

original	glrlm	RunPercentage	0.933295747
original	glrlm	LongRunLowGrayLevelEmphasis	0.008804407
original	glrlm	RunEntropy	5.386674047
original	glrlm	HighGrayLevelRunEmphasis	493.7873672
original	glrlm	RunLengthNonUniformityNormalized	0.881452492
original	glszm	GrayLevelVariance	67.92444749
original	glszm	ZoneVariance	19.63458738
original	glszm	GrayLevelNonUniformityNormalized	0.033597393
original	glszm	SizeZoneNonUniformityNormalized	0.381736687
original	glszm	SizeZoneNonUniformity	370.6663234
original	glszm	GrayLevelNonUniformity	32.623069
original	glszm	LargeAreaEmphasis	24.68898043
original	glszm	SmallAreaHighGrayLevelEmphasis	268.8806249
original	glszm	ZonePercentage	0.444800733
original	glszm	LargeAreaLowGrayLevelEmphasis	0.075615585
original	glszm	LargeAreaHighGrayLevelEmphasis	25771.21421
original	glszm	HighGrayLevelZoneEmphasis	421.4109166
original	glszm	SmallAreaEmphasis	0.639272964
original	glszm	LowGrayLevelZoneEmphasis	0.008199995
original	glszm	ZoneEntropy	6.741151657
original	glszm	SmallAreaLowGrayLevelEmphasis	0.005500682
original	ngtdm	Coarseness	0.003463263
original	ngtdm	Complexity	2245.252503
original	ngtdm	Strength	1.79630208
original	ngtdm	Contrast	0.565651522
original	ngtdm	Busyness	0.54757345
wavelet-HHH	gldm	GrayLevelVariance	0.353455438
wavelet-HHH	gldm	HighGrayLevelEmphasis	6.645900137
wavelet-HHH	gldm	DependenceEntropy	4.805470274
wavelet-HHH	gldm	DependenceNonUniformity	179.822721
wavelet-HHH	gldm	GrayLevelNonUniformity	987.8841044
wavelet-HHH	gldm	SmallDependenceEmphasis	0.043072846
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	0.327181162
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.082374128
wavelet-HHH	gldm	LargeDependenceEmphasis	113.8731104
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	20.19090548
wavelet-HHH	gldm	DependenceVariance	12.65089186
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	755.7810353
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019509964
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.196160737
wavelet-HHH	glcm	JointAverage	2.512545102
wavelet-HHH	glcm	SumAverage	5.025090204
wavelet-HHH	glcm	JointEntropy	2.553080328
wavelet-HHH	glcm	ClusterShade	0.015908262
wavelet-HHH	glcm	MaximumProbability	0.241385806
wavelet-HHH	glcm	ldmn	0.973572237
wavelet-HHH	glcm	JointEnergy	0.208422081
wavelet-HHH	glcm	Contrast	0.712601151
wavelet-HHH	glcm	DifferenceEntropy	1.238254816
wavelet-HHH	glcm	InverseVariance	0.516324476
wavelet-HHH	glcm	DifferenceVariance	0.34572301
wavelet-HHH	glcm	ldn	0.901884486
wavelet-HHH	glcm	ldm	0.708915283

wavelet-HHH	glcm	Correlation	-0.019615265
wavelet-HHH	glcm	Autocorrelation	6.306121213
wavelet-HHH	glcm	SumEntropy	1.763091321
wavelet-HHH	glcm	SumSquares	0.349536889
wavelet-HHH	glcm	ClusterProminence	1.401739091
wavelet-HHH	glcm	Imc2	0.139947199
wavelet-HHH	glcm	Imc1	-0.010853667
wavelet-HHH	glcm	DifferenceAverage	0.603867225
wavelet-HHH	glcm	Id	0.715365817
wavelet-HHH	glcm	ClusterTendency	0.685546403
wavelet-HHH	firstorder	InterquartileRange	15.82354948
wavelet-HHH	firstorder	Skewness	0.051011129
wavelet-HHH	firstorder	Uniformity	0.452535091
wavelet-HHH	firstorder	Median	0.106882295
wavelet-HHH	firstorder	Energy	336503.1555
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	6.572642253
wavelet-HHH	firstorder	MeanAbsoluteDeviation	9.684961369
wavelet-HHH	firstorder	TotalEnergy	962743.2505
wavelet-HHH	firstorder	Maximum	53.28719496
wavelet-HHH	firstorder	RootMeanSquared	12.41559973
wavelet-HHH	firstorder	90Percentile	14.96381231
wavelet-HHH	firstorder	Minimum	-42.34574297
wavelet-HHH	firstorder	Entropy	1.291682845
wavelet-HHH	firstorder	Range	95.63293793
wavelet-HHH	firstorder	Variance	154.1288078
wavelet-HHH	firstorder	10Percentile	-15.83923188
wavelet-HHH	firstorder	Kurtosis	3.505155648
wavelet-HHH	firstorder	Mean	-0.135310001
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.152932691
wavelet-HHH	glrlm	GrayLevelVariance	0.405556923
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.205319113
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.430644384
wavelet-HHH	glrlm	RunVariance	0.788046719
wavelet-HHH	glrlm	GrayLevelNonUniformity	612.9905621
wavelet-HHH	glrlm	LongRunEmphasis	3.195194997
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	4.770634926
wavelet-HHH	glrlm	RunLengthNonUniformity	686.9292057
wavelet-HHH	glrlm	ShortRunEmphasis	0.709840425
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	21.1900693
wavelet-HHH	glrlm	RunPercentage	0.651502872
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.597155681
wavelet-HHH	glrlm	RunEntropy	2.76236626
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	6.675859032
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.478676977
wavelet-HHH	glszm	GrayLevelVariance	2.299861496
wavelet-HHH	glszm	ZoneVariance	27478.04207
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.452908587
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.531855956
wavelet-HHH	glszm	SizeZoneNonUniformity	40.42105263
wavelet-HHH	glszm	GrayLevelNonUniformity	34.42105263
wavelet-HHH	glszm	LargeAreaEmphasis	28303.09211
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	5.779415363
wavelet-HHH	glszm	ZonePercentage	0.034814475

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	5088.311725
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	184799.1842
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	8.289473684
wavelet-HHH	glszm	SmallAreaEmphasis	0.756717861
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.546100146
wavelet-HHH	glszm	ZoneEntropy	2.499967857
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.457009781
wavelet-HHH	ngtdm	Coarseness	0.00196711
wavelet-HHH	ngtdm	Complexity	6.291212894
wavelet-HHH	ngtdm	Strength	0.021116855
wavelet-HHH	ngtdm	Contrast	0.019897471
wavelet-HHH	ngtdm	Busyness	33.63285273
wavelet-HLL	gldm	GrayLevelVariance	87.25407445
wavelet-HLL	gldm	HighGrayLevelEmphasis	883.4864865
wavelet-HLL	gldm	DependenceEntropy	7.306770092
wavelet-HLL	gldm	DependenceNonUniformity	552.6188731
wavelet-HLL	gldm	GrayLevelNonUniformity	64.39532753
wavelet-HLL	gldm	SmallDependenceEmphasis	0.425267617
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	371.2971207
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.253146529
wavelet-HLL	gldm	LargeDependenceEmphasis	7.393953275
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025013816
wavelet-HLL	gldm	DependenceVariance	1.886621499
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	6606.365094
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001162023
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.003444213
wavelet-HLL	glcm	JointAverage	27.96043151
wavelet-HLL	glcm	SumAverage	55.92086301
wavelet-HLL	glcm	JointEntropy	9.559197279
wavelet-HLL	glcm	ClusterShade	359.4401665
wavelet-HLL	glcm	MaximumProbability	0.005034525
wavelet-HLL	glcm	Idmn	0.960771958
wavelet-HLL	glcm	JointEnergy	0.001726003
wavelet-HLL	glcm	Contrast	118.7527766
wavelet-HLL	glcm	DifferenceEntropy	4.235224142
wavelet-HLL	glcm	InverseVariance	0.160170469
wavelet-HLL	glcm	DifferenceVariance	44.60014187
wavelet-HLL	glcm	Idn	0.877322879
wavelet-HLL	glcm	Idm	0.158477504
wavelet-HLL	glcm	Correlation	0.271712399
wavelet-HLL	glcm	Autocorrelation	806.2101284
wavelet-HLL	glcm	SumEntropy	5.779653162
wavelet-HLL	glcm	SumSquares	83.77688252
wavelet-HLL	glcm	ClusterProminence	122836.1356
wavelet-HLL	glcm	Imc2	0.854921666
wavelet-HLL	glcm	Imc1	-0.157516841
wavelet-HLL	glcm	DifferenceAverage	7.956336739
wavelet-HLL	glcm	Id	0.240388018
wavelet-HLL	glcm	ClusterTendency	216.3547535
wavelet-HLL	firstorder	InterquartileRange	353.3143669
wavelet-HLL	firstorder	Skewness	0.047998935
wavelet-HLL	firstorder	Uniformity	0.029498547
wavelet-HLL	firstorder	Median	-90.43157443



wavelet-HLL	firstorder	Energy	133653733
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	144.3303603
wavelet-HLL	firstorder	MeanAbsoluteDeviation	193.958172
wavelet-HLL	firstorder	TotalEnergy	382386397.4
wavelet-HLL	firstorder	Maximum	482.8740097
wavelet-HLL	firstorder	RootMeanSquared	247.4364515
wavelet-HLL	firstorder	90Percentile	246.8078964
wavelet-HLL	firstorder	Minimum	-771.4625218
wavelet-HLL	firstorder	Entropy	5.219869547
wavelet-HLL	firstorder	Range	1254.336531
wavelet-HLL	firstorder	Variance	54511.0922
wavelet-HLL	firstorder	10Percentile	-379.6890291
wavelet-HLL	firstorder	Kurtosis	2.352261707
wavelet-HLL	firstorder	Mean	-81.9372036
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.003263258
wavelet-HLL	grlm	GrayLevelVariance	87.88916579
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.003420568
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.029388505
wavelet-HLL	grlm	RunVariance	0.068998167
wavelet-HLL	grlm	GrayLevelNonUniformity	60.81717676
wavelet-HLL	grlm	LongRunEmphasis	1.188775892
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	848.6594743
wavelet-HLL	grlm	RunLengthNonUniformity	1884.731609
wavelet-HLL	grlm	ShortRunEmphasis	0.9617794
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	1051.670107
wavelet-HLL	grlm	RunPercentage	0.948201135
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.004112807
wavelet-HLL	grlm	RunEntropy	5.489483294
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	882.7896921
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.907364932
wavelet-HLL	glszm	GrayLevelVariance	93.5774731
wavelet-HLL	glszm	ZoneVariance	4.020644694
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.028650486
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.425721008
wavelet-HLL	glszm	SizeZoneNonUniformity	474.6789238
wavelet-HLL	glszm	GrayLevelNonUniformity	31.94529148
wavelet-HLL	glszm	LargeAreaEmphasis	7.853811659
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	586.565753
wavelet-HLL	glszm	ZonePercentage	0.510765002
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021674467
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	6965.991928
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	870.2618834
wavelet-HLL	glszm	SmallAreaEmphasis	0.676519293
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.003229864
wavelet-HLL	glszm	ZoneEntropy	6.840506967
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001781126
wavelet-HLL	ngtdm	Coarseness	0.003242626
wavelet-HLL	ngtdm	Complexity	5413.344166
wavelet-HLL	ngtdm	Strength	2.448963529
wavelet-HLL	ngtdm	Contrast	0.399064963
wavelet-HLL	ngtdm	Busyness	0.261252041
wavelet-LHL	gldm	GrayLevelVariance	3.048151407
wavelet-LHL	gldm	HighGrayLevelEmphasis	56.92899679

wavelet-LHL	gldm	DependenceEntropy	6.078393158
wavelet-LHL	gldm	DependenceNonUniformity	231.0458085
wavelet-LHL	gldm	GrayLevelNonUniformity	364.4429684
wavelet-LHL	gldm	SmallDependenceEmphasis	0.119406066
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	7.088458448
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.105838666
wavelet-LHL	gldm	LargeDependenceEmphasis	38.0774164
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.799538962
wavelet-LHL	gldm	DependenceVariance	9.298098894
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2062.693541
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004423191
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.024182886
wavelet-LHL	glcm	JointAverage	7.289610648
wavelet-LHL	glcm	SumAverage	14.5792213
wavelet-LHL	glcm	JointEntropy	5.52522847
wavelet-LHL	glcm	ClusterShade	-0.752835704
wavelet-LHL	glcm	MaximumProbability	0.06883161
wavelet-LHL	glcm	ldmn	0.976807343
wavelet-LHL	glcm	JointEnergy	0.03195745
wavelet-LHL	glcm	Contrast	4.243993379
wavelet-LHL	glcm	DifferenceEntropy	2.252800745
wavelet-LHL	glcm	InverseVariance	0.423061081
wavelet-LHL	glcm	DifferenceVariance	1.701448909
wavelet-LHL	glcm	ldn	0.899436589
wavelet-LHL	glcm	ldm	0.451052661
wavelet-LHL	glcm	Correlation	0.303324228
wavelet-LHL	glcm	Autocorrelation	54.06601066
wavelet-LHL	glcm	SumEntropy	3.515163242
wavelet-LHL	glcm	SumSquares	3.049044837
wavelet-LHL	glcm	ClusterProminence	224.6428385
wavelet-LHL	glcm	lmc2	0.447966686
wavelet-LHL	glcm	lmc1	-0.055650783
wavelet-LHL	glcm	DifferenceAverage	1.566904274
wavelet-LHL	glcm	ld	0.511447644
wavelet-LHL	glcm	ClusterTendency	7.952185968
wavelet-LHL	firstorder	InterquartileRange	53.96413205
wavelet-LHL	firstorder	Skewness	-0.098233347
wavelet-LHL	firstorder	Uniformity	0.166945931
wavelet-LHL	firstorder	Median	-2.9950243
wavelet-LHL	firstorder	Energy	4056682.326
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	22.81255368
wavelet-LHL	firstorder	MeanAbsoluteDeviation	33.61608602
wavelet-LHL	firstorder	TotalEnergy	11606261.23
wavelet-LHL	firstorder	Maximum	146.0495356
wavelet-LHL	firstorder	RootMeanSquared	43.10807523
wavelet-LHL	firstorder	90Percentile	50.23002883
wavelet-LHL	firstorder	Minimum	-167.2315681
wavelet-LHL	firstorder	Entropy	2.842547079
wavelet-LHL	firstorder	Range	313.2811037
wavelet-LHL	firstorder	Variance	1841.555597
wavelet-LHL	firstorder	10Percentile	-59.8906612
wavelet-LHL	firstorder	Kurtosis	3.302926547
wavelet-LHL	firstorder	Mean	-4.092744008

wavelet-LHL	gllm	ShortRunLowGrayLevelEmphasis	0.022012117
wavelet-LHL	gllm	GrayLevelVariance	3.284598046
wavelet-LHL	gllm	LowGrayLevelRunEmphasis	0.024768352
wavelet-LHL	gllm	GrayLevelNonUniformityNormalized	0.158583189
wavelet-LHL	gllm	RunVariance	0.270241479
wavelet-LHL	gllm	GrayLevelNonUniformity	288.0934723
wavelet-LHL	gllm	LongRunEmphasis	1.733745102
wavelet-LHL	gllm	ShortRunHighGrayLevelEmphasis	50.12471034
wavelet-LHL	gllm	RunLengthNonUniformity	1315.938359
wavelet-LHL	gllm	ShortRunEmphasis	0.871861199
wavelet-LHL	gllm	LongRunHighGrayLevelEmphasis	97.59544196
wavelet-LHL	gllm	RunPercentage	0.832129391
wavelet-LHL	gllm	LongRunLowGrayLevelEmphasis	0.04034403
wavelet-LHL	gllm	RunEntropy	3.645985547
wavelet-LHL	gllm	HighGrayLevelRunEmphasis	57.26505649
wavelet-LHL	gllm	RunLengthNonUniformityNormalized	0.720069378
wavelet-LHL	glszm	GrayLevelVariance	7.289998679
wavelet-LHL	glszm	ZoneVariance	1937.733416
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.120535518
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.266217466
wavelet-LHL	glszm	SizeZoneNonUniformity	69.48275862
wavelet-LHL	glszm	GrayLevelNonUniformity	31.45977011
wavelet-LHL	glszm	LargeAreaEmphasis	2007.689655
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	31.84442543
wavelet-LHL	glszm	ZonePercentage	0.119560238
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	37.82831141
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	111218.7433
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	60.56321839
wavelet-LHL	glszm	SmallAreaEmphasis	0.52641749
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.039901994
wavelet-LHL	glszm	ZoneEntropy	5.571820767
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.025445895
wavelet-LHL	ngtdm	Coarseness	0.003252018
wavelet-LHL	ngtdm	Complexity	77.55011154
wavelet-LHL	ngtdm	Strength	0.185054751
wavelet-LHL	ngtdm	Contrast	0.043169764
wavelet-LHL	ngtdm	Busyness	2.706624735
wavelet-LHH	gldm	GrayLevelVariance	0.565046735
wavelet-LHH	gldm	HighGrayLevelEmphasis	12.89051764
wavelet-LHH	gldm	DependenceEntropy	5.208258545
wavelet-LHH	gldm	DependenceNonUniformity	150.9725149
wavelet-LHH	gldm	GrayLevelNonUniformity	815.6568942
wavelet-LHH	gldm	SmallDependenceEmphasis	0.05195683
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	0.696939119
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.069158275
wavelet-LHH	gldm	LargeDependenceEmphasis	96.19377004
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	8.439418486
wavelet-LHH	gldm	DependenceVariance	15.88491422
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1206.856619
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008403875
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.095944673
wavelet-LHH	glcm	JointAverage	3.514503902
wavelet-LHH	glcm	SumAverage	7.029007804

wavelet-LHH	glcm	JointEntropy	3.229448718
wavelet-LHH	glcm	ClusterShade	0.072920784
wavelet-LHH	glcm	MaximumProbability	0.197082352
wavelet-LHH	glcm	Idmn	0.97251427
wavelet-LHH	glcm	JointEnergy	0.144535269
wavelet-LHH	glcm	Contrast	1.079289291
wavelet-LHH	glcm	DifferenceEntropy	1.47846612
wavelet-LHH	glcm	InverseVariance	0.506483168
wavelet-LHH	glcm	DifferenceVariance	0.505754749
wavelet-LHH	glcm	Idn	0.898243636
wavelet-LHH	glcm	Idm	0.656759873
wavelet-LHH	glcm	Correlation	0.038720583
wavelet-LHH	glcm	Autocorrelation	12.3736076
wavelet-LHH	glcm	SumEntropy	2.145774689
wavelet-LHH	glcm	SumSquares	0.56151025
wavelet-LHH	glcm	ClusterProminence	4.37137761
wavelet-LHH	glcm	Imc2	0.166372866
wavelet-LHH	glcm	Imc1	-0.018490869
wavelet-LHH	glcm	DifferenceAverage	0.751709963
wavelet-LHH	glcm	Id	0.674251352
wavelet-LHH	glcm	ClusterTendency	1.166751708
wavelet-LHH	firstorder	InterquartileRange	21.05503051
wavelet-LHH	firstorder	Skewness	0.105658517
wavelet-LHH	firstorder	Uniformity	0.373640355
wavelet-LHH	firstorder	Median	-0.023803894
wavelet-LHH	firstorder	Energy	648090.4513
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	8.876027718
wavelet-LHH	firstorder	MeanAbsoluteDeviation	13.31420645
wavelet-LHH	firstorder	TotalEnergy	1854201.654
wavelet-LHH	firstorder	Maximum	70.91663333
wavelet-LHH	firstorder	RootMeanSquared	17.23022479
wavelet-LHH	firstorder	90Percentile	22.26269552
wavelet-LHH	firstorder	Minimum	-62.34396314
wavelet-LHH	firstorder	Entropy	1.634479779
wavelet-LHH	firstorder	Range	133.2605965
wavelet-LHH	firstorder	Variance	296.8665496
wavelet-LHH	firstorder	10Percentile	-21.37105075
wavelet-LHH	firstorder	Kurtosis	3.398481684
wavelet-LHH	firstorder	Mean	-0.118730097
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.077182615
wavelet-LHH	grlm	GrayLevelVariance	0.6694359
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.099152903
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.341574552
wavelet-LHH	grlm	RunVariance	0.637374585
wavelet-LHH	grlm	GrayLevelNonUniformity	517.6377184
wavelet-LHH	grlm	LongRunEmphasis	2.749413001
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	9.910021888
wavelet-LHH	grlm	RunLengthNonUniformity	813.0613522
wavelet-LHH	grlm	ShortRunEmphasis	0.754070886
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	35.02256054
wavelet-LHH	grlm	RunPercentage	0.69378766
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.253949949
wavelet-LHH	grlm	RunEntropy	2.968009804

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	13.01858294
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.532749792
wavelet-LHH	glszm	GrayLevelVariance	2.498823147
wavelet-LHH	glszm	ZoneVariance	15201.57357
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.395178963
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.248275302
wavelet-LHH	glszm	SizeZoneNonUniformity	27.55855856
wavelet-LHH	glszm	GrayLevelNonUniformity	43.86486486
wavelet-LHH	glszm	LargeAreaEmphasis	15588.35135
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	6.356676063
wavelet-LHH	glszm	ZonePercentage	0.050847458
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	1363.96452
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	193473.8378
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	14.34234234
wavelet-LHH	glszm	SmallAreaEmphasis	0.501965081
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.174109109
wavelet-LHH	glszm	ZoneEntropy	3.958871864
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.109623231
wavelet-LHH	ngtdm	Coarseness	0.002396992
wavelet-LHH	ngtdm	Complexity	9.501420367
wavelet-LHH	ngtdm	Strength	0.030325534
wavelet-LHH	ngtdm	Contrast	0.023774951
wavelet-LHH	ngtdm	Busyness	16.72036502
wavelet-LLH	gldm	GrayLevelVariance	4.700953879
wavelet-LLH	gldm	HighGrayLevelEmphasis	111.5671095
wavelet-LLH	gldm	DependenceEntropy	6.29908625
wavelet-LLH	gldm	DependenceNonUniformity	236.2725607
wavelet-LLH	gldm	GrayLevelNonUniformity	295.7759963
wavelet-LLH	gldm	SmallDependenceEmphasis	0.130792756
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	14.97768746
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.108232964
wavelet-LLH	gldm	LargeDependenceEmphasis	33.5139716
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.342104508
wavelet-LLH	gldm	DependenceVariance	7.393116215
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3667.949153
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002641661
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012619661
wavelet-LLH	glcm	JointAverage	10.27356939
wavelet-LLH	glcm	SumAverage	20.54713877
wavelet-LLH	glcm	JointEntropy	6.071439939
wavelet-LLH	glcm	ClusterShade	-6.595933327
wavelet-LLH	glcm	MaximumProbability	0.050596906
wavelet-LLH	glcm	ldmn	0.982871979
wavelet-LLH	glcm	JointEnergy	0.021901991
wavelet-LLH	glcm	Contrast	5.976064908
wavelet-LLH	glcm	DifferenceEntropy	2.455609591
wavelet-LLH	glcm	InverseVariance	0.406138441
wavelet-LLH	glcm	DifferenceVariance	2.632476809
wavelet-LLH	glcm	ldn	0.914911463
wavelet-LLH	glcm	ldm	0.426814063
wavelet-LLH	glcm	Correlation	0.361890445
wavelet-LLH	glcm	Autocorrelation	107.2428966
wavelet-LLH	glcm	SumEntropy	3.85860134

wavelet-LLH	glcm	SumSquares	4.684190933
wavelet-LLH	glcm	ClusterProminence	566.7633816
wavelet-LLH	glcm	Imc2	0.550168846
wavelet-LLH	glcm	Imc1	-0.072233631
wavelet-LLH	glcm	DifferenceAverage	1.798905916
wavelet-LLH	glcm	Id	0.490372347
wavelet-LLH	glcm	ClusterTendency	12.76069882
wavelet-LLH	firstorder	InterquartileRange	67.54144398
wavelet-LLH	firstorder	Skewness	-0.258524163
wavelet-LLH	firstorder	Uniformity	0.135490608
wavelet-LLH	firstorder	Median	-2.041943819
wavelet-LLH	firstorder	Energy	6338006.849
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	28.22994288
wavelet-LLH	firstorder	MeanAbsoluteDeviation	41.72753305
wavelet-LLH	firstorder	TotalEnergy	18133183.05
wavelet-LLH	firstorder	Maximum	179.6546168
wavelet-LLH	firstorder	RootMeanSquared	53.8827167
wavelet-LLH	firstorder	90Percentile	61.52545719
wavelet-LLH	firstorder	Minimum	-248.8746745
wavelet-LLH	firstorder	Entropy	3.148093369
wavelet-LLH	firstorder	Range	428.5292913
wavelet-LLH	firstorder	Variance	2888.887937
wavelet-LLH	firstorder	10Percentile	-70.48875642
wavelet-LLH	firstorder	Kurtosis	3.760458235
wavelet-LLH	firstorder	Mean	-3.80252836
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011739558
wavelet-LLH	glrlm	GrayLevelVariance	5.046196569
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.013029724
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.130124671
wavelet-LLH	glrlm	RunVariance	0.24921468
wavelet-LLH	glrlm	GrayLevelNonUniformity	239.2120056
wavelet-LLH	glrlm	LongRunEmphasis	1.681051218
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	98.37967637
wavelet-LLH	glrlm	RunLengthNonUniformity	1354.288343
wavelet-LLH	glrlm	ShortRunEmphasis	0.878548589
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	186.9331868
wavelet-LLH	glrlm	RunPercentage	0.84189013
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.020106628
wavelet-LLH	glrlm	RunEntropy	3.914164442
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	111.8009704
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.732382789
wavelet-LLH	glszm	GrayLevelVariance	11.48080738
wavelet-LLH	glszm	ZoneVariance	1079.116582
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.083515176
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.289724261
wavelet-LLH	glszm	SizeZoneNonUniformity	82.28169014
wavelet-LLH	glszm	GrayLevelNonUniformity	23.71830986
wavelet-LLH	glszm	LargeAreaEmphasis	1138.200704
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	64.75912228
wavelet-LLH	glszm	ZonePercentage	0.130096198
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	11.47956106
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	117683.1092
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	114.7464789

wavelet-LLH	glszm	SmallAreaEmphasis	0.55602865
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.023017485
wavelet-LLH	glszm	ZoneEntropy	5.935454008
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01421966
wavelet-LLH	ngtdm	Coarseness	0.003872573
wavelet-LLH	ngtdm	Complexity	163.6061831
wavelet-LLH	ngtdm	Strength	0.450873542
wavelet-LLH	ngtdm	Contrast	0.036320289
wavelet-LLH	ngtdm	Busyness	1.084808794
wavelet-LLL	gldm	GrayLevelVariance	657.4612486
wavelet-LLL	gldm	HighGrayLevelEmphasis	3077.848832
wavelet-LLL	gldm	DependenceEntropy	7.77873522
wavelet-LLL	gldm	DependenceNonUniformity	924.3421896
wavelet-LLL	gldm	GrayLevelNonUniformity	25.39395328
wavelet-LLL	gldm	SmallDependenceEmphasis	0.649778465
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1797.921798
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.42342748
wavelet-LLL	gldm	LargeDependenceEmphasis	3.230874943
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010393653
wavelet-LLL	gldm	DependenceVariance	0.661778466
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	12741.67201
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002163416
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003631279
wavelet-LLL	glcm	JointAverage	54.16229547
wavelet-LLL	glcm	SumAverage	108.3245909
wavelet-LLL	glcm	JointEntropy	10.99707828
wavelet-LLL	glcm	ClusterShade	7912.731071
wavelet-LLL	glcm	MaximumProbability	0.001902333
wavelet-LLL	glcm	ldmn	0.967032677
wavelet-LLL	glcm	JointEnergy	0.000560654
wavelet-LLL	glcm	Contrast	385.2236761
wavelet-LLL	glcm	DifferenceEntropy	5.088574981
wavelet-LLL	glcm	InverseVariance	0.084074001
wavelet-LLL	glcm	DifferenceVariance	125.1238204
wavelet-LLL	glcm	ldn	0.88106662
wavelet-LLL	glcm	ldm	0.080522513
wavelet-LLL	glcm	Correlation	0.716205407
wavelet-LLL	glcm	Autocorrelation	3413.210666
wavelet-LLL	glcm	SumEntropy	7.409180136
wavelet-LLL	glcm	SumSquares	668.153965
wavelet-LLL	glcm	ClusterProminence	10750519.93
wavelet-LLL	glcm	lmc2	0.991884413
wavelet-LLL	glcm	lmc1	-0.317961455
wavelet-LLL	glcm	DifferenceAverage	15.13298149
wavelet-LLL	glcm	ld	0.149830688
wavelet-LLL	glcm	ClusterTendency	2287.392184
wavelet-LLL	firstorder	InterquartileRange	1009.094667
wavelet-LLL	firstorder	Skewness	0.327714629
wavelet-LLL	firstorder	Uniformity	0.011632594
wavelet-LLL	firstorder	Median	-1239.239897
wavelet-LLL	firstorder	Energy	3822200214
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	415.8214503
wavelet-LLL	firstorder	MeanAbsoluteDeviation	542.0627509

wavelet-LLL	firstorder	TotalEnergy	10935402530
wavelet-LLL	firstorder	Maximum	183.9851495
wavelet-LLL	firstorder	RootMeanSquared	1323.213272
wavelet-LLL	firstorder	90Percentile	-167.5631182
wavelet-LLL	firstorder	Minimum	-2374.068834
wavelet-LLL	firstorder	Entropy	6.529988966
wavelet-LLL	firstorder	Range	2558.053983
wavelet-LLL	firstorder	Variance	410619.7056
wavelet-LLL	firstorder	10Percentile	-1928.276686
wavelet-LLL	firstorder	Kurtosis	2.065724442
wavelet-LLL	firstorder	Mean	-1157.701887
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003570801
wavelet-LLL	glrlm	GrayLevelVariance	651.2953665
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003633723
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.011661894
wavelet-LLL	glrlm	RunVariance	0.026783836
wavelet-LLL	glrlm	GrayLevelNonUniformity	24.86617009
wavelet-LLL	glrlm	LongRunEmphasis	1.075800482
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2987.9047
wavelet-LLL	glrlm	RunLengthNonUniformity	2040.523995
wavelet-LLL	glrlm	ShortRunEmphasis	0.982933357
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3369.730998
wavelet-LLL	glrlm	RunPercentage	0.976813841
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003890949
wavelet-LLL	glrlm	RunEntropy	6.647748539
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3054.799562
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.956402853
wavelet-LLL	glszm	GrayLevelVariance	580.4294997
wavelet-LLL	glszm	ZoneVariance	0.672348364
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012093862
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.608302275
wavelet-LLL	glszm	SizeZoneNonUniformity	973.8919425
wavelet-LLL	glszm	GrayLevelNonUniformity	19.36227358
wavelet-LLL	glszm	LargeAreaEmphasis	2.531542786
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2177.185802
wavelet-LLL	glszm	ZonePercentage	0.733394411
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008186396
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9538.124922
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2808.021861
wavelet-LLL	glszm	SmallAreaEmphasis	0.808408613
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003558951
wavelet-LLL	glszm	ZoneEntropy	7.408821612
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.0026138
wavelet-LLL	ngtdm	Coarseness	0.004253254
wavelet-LLL	ngtdm	Complexity	34931.00458
wavelet-LLL	ngtdm	Strength	15.70697892
wavelet-LLL	ngtdm	Contrast	1.164993447
wavelet-LLL	ngtdm	Busyness	0.080285722
wavelet-HHL	gldm	GrayLevelVariance	1.523149461
wavelet-HHL	gldm	HighGrayLevelEmphasis	21.93632616
wavelet-HHL	gldm	DependenceEntropy	5.551036648
wavelet-HHL	gldm	DependenceNonUniformity	197.0467247
wavelet-HHL	gldm	GrayLevelNonUniformity	502.0600092



wavelet-HHL	gldm	SmallDependenceEmphasis	0.101183003
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	2.466667521
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.090264189
wavelet-HHL	gldm	LargeDependenceEmphasis	46.58772332
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	2.54045592
wavelet-HHL	gldm	DependenceVariance	10.4721933
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	974.0206138
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01264705
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.067757976
wavelet-HHL	glcm	JointAverage	4.524118269
wavelet-HHL	glcm	SumAverage	9.048236539
wavelet-HHL	glcm	JointEntropy	4.57747623
wavelet-HHL	glcm	ClusterShade	0.270469861
wavelet-HHL	glcm	MaximumProbability	0.104957049
wavelet-HHL	glcm	Idmn	0.967146756
wavelet-HHL	glcm	JointEnergy	0.057958657
wavelet-HHL	glcm	Contrast	2.958251466
wavelet-HHL	glcm	DifferenceEntropy	2.031819894
wavelet-HHL	glcm	InverseVariance	0.46769228
wavelet-HHL	glcm	DifferenceVariance	1.198134435
wavelet-HHL	glcm	Idn	0.882632223
wavelet-HHL	glcm	Idm	0.499612202
wavelet-HHL	glcm	Correlation	0.00076395
wavelet-HHL	glcm	Autocorrelation	20.47162051
wavelet-HHL	glcm	SumEntropy	2.801383051
wavelet-HHL	glcm	SumSquares	1.483028232
wavelet-HHL	glcm	ClusterProminence	29.2844881
wavelet-HHL	glcm	Imc2	0.309253865
wavelet-HHL	glcm	Imc1	-0.034454533
wavelet-HHL	glcm	DifferenceAverage	1.308571099
wavelet-HHL	glcm	Id	0.548687318
wavelet-HHL	glcm	ClusterTendency	2.973861461
wavelet-HHL	firstorder	InterquartileRange	39.50997146
wavelet-HHL	firstorder	Skewness	0.087736138
wavelet-HHL	firstorder	Uniformity	0.229986262
wavelet-HHL	firstorder	Median	-0.10734481
wavelet-HHL	firstorder	Energy	1984804.178
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	16.41766528
wavelet-HHL	firstorder	MeanAbsoluteDeviation	23.85473451
wavelet-HHL	firstorder	TotalEnergy	5678570.302
wavelet-HHL	firstorder	Maximum	100.8016764
wavelet-HHL	firstorder	RootMeanSquared	30.15309978
wavelet-HHL	firstorder	90Percentile	38.94161955
wavelet-HHL	firstorder	Minimum	-92.50361755
wavelet-HHL	firstorder	Entropy	2.348603394
wavelet-HHL	firstorder	Range	193.3052939
wavelet-HHL	firstorder	Variance	909.008739
wavelet-HHL	firstorder	10Percentile	-38.71282395
wavelet-HHL	firstorder	Kurtosis	3.029138511
wavelet-HHL	firstorder	Mean	0.447981411
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.061977068
wavelet-HHL	grlm	GrayLevelVariance	1.700283806
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.070527293

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.213975405
wavelet-HHL	glrlm	RunVariance	0.328961815
wavelet-HHL	glrlm	GrayLevelNonUniformity	377.0515886
wavelet-HHL	glrlm	LongRunEmphasis	1.901948816
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	18.9525554
wavelet-HHL	glrlm	RunLengthNonUniformity	1214.59159
wavelet-HHL	glrlm	ShortRunEmphasis	0.850137085
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	41.16744077
wavelet-HHL	glrlm	RunPercentage	0.807322316
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.12127097
wavelet-HHL	glrlm	RunEntropy	3.247272552
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	22.13189684
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.682914129
wavelet-HHL	glszm	GrayLevelVariance	5.116696168
wavelet-HHL	glszm	ZoneVariance	4369.741228
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.181226572
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.296438984
wavelet-HHL	glszm	SizeZoneNonUniformity	58.10204082
wavelet-HHL	glszm	GrayLevelNonUniformity	35.52040816
wavelet-HHL	glszm	LargeAreaEmphasis	4493.790816
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	14.30106433
wavelet-HHL	glszm	ZonePercentage	0.0897847
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	234.3297899
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	92083.97449
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	25.1377551
wavelet-HHL	glszm	SmallAreaEmphasis	0.557120572
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.144535597
wavelet-HHL	glszm	ZoneEntropy	4.777216023
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.100119695
wavelet-HHL	ngtdm	Coarseness	0.00276026
wavelet-HHL	ngtdm	Complexity	33.39300684
wavelet-HHL	ngtdm	Strength	0.069889944
wavelet-HHL	ngtdm	Contrast	0.042039919
wavelet-HHL	ngtdm	Busyness	7.803485252
wavelet-HLH	gldm	GrayLevelVariance	2.285718842
wavelet-HLH	gldm	HighGrayLevelEmphasis	58.99358681
wavelet-HLH	gldm	DependenceEntropy	5.758925124
wavelet-HLH	gldm	DependenceNonUniformity	203.8685295
wavelet-HLH	gldm	GrayLevelNonUniformity	451.1969766
wavelet-HLH	gldm	SmallDependenceEmphasis	0.108974787
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	7.40037703
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.093389157
wavelet-HLH	gldm	LargeDependenceEmphasis	44.82867613
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.844752017
wavelet-HLH	gldm	DependenceVariance	10.94593105
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2517.94732
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003099666
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.020878042
wavelet-HLH	glcm	JointAverage	7.517995978
wavelet-HLH	glcm	SumAverage	15.03599196
wavelet-HLH	glcm	JointEntropy	5.10521521
wavelet-HLH	glcm	ClusterShade	2.295046335
wavelet-HLH	glcm	MaximumProbability	0.10054368

wavelet-HLH	glcm	Idmn	0.980638588
wavelet-HLH	glcm	JointEnergy	0.047896215
wavelet-HLH	glcm	Contrast	4.752619922
wavelet-HLH	glcm	DifferenceEntropy	2.299446423
wavelet-HLH	glcm	InverseVariance	0.433863233
wavelet-HLH	glcm	DifferenceVariance	2.162995798
wavelet-HLH	glcm	Idn	0.91172027
wavelet-HLH	glcm	Idm	0.469443228
wavelet-HLH	glcm	Correlation	0.000683582
wavelet-HLH	glcm	Autocorrelation	56.50732368
wavelet-HLH	glcm	SumEntropy	3.096175801
wavelet-HLH	glcm	SumSquares	2.363313552
wavelet-HLH	glcm	ClusterProminence	103.2278537
wavelet-HLH	glcm	Imc2	0.441353967
wavelet-HLH	glcm	Imc1	-0.05483676
wavelet-HLH	glcm	DifferenceAverage	1.574870446
wavelet-HLH	glcm	Id	0.524049836
wavelet-HLH	glcm	ClusterTendency	4.700634284
wavelet-HLH	firstorder	InterquartileRange	41.66444576
wavelet-HLH	firstorder	Skewness	0.290020031
wavelet-HLH	firstorder	Uniformity	0.206686659
wavelet-HLH	firstorder	Median	-0.573419148
wavelet-HLH	firstorder	Energy	3010284.52
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	17.7425077
wavelet-HLH	firstorder	MeanAbsoluteDeviation	27.70796967
wavelet-HLH	firstorder	TotalEnergy	8612493.097
wavelet-HLH	firstorder	Maximum	184.5758442
wavelet-HLH	firstorder	RootMeanSquared	37.13444221
wavelet-HLH	firstorder	90Percentile	45.84601095
wavelet-HLH	firstorder	Minimum	-157.3906658
wavelet-HLH	firstorder	Entropy	2.605300394
wavelet-HLH	firstorder	Range	341.9665099
wavelet-HLH	firstorder	Variance	1378.242476
wavelet-HLH	firstorder	10Percentile	-42.60126604
wavelet-HLH	firstorder	Kurtosis	4.534150707
wavelet-HLH	firstorder	Mean	0.851071079
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.018535285
wavelet-HLH	glrlm	GrayLevelVariance	2.577723572
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.021277571
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.18944018
wavelet-HLH	glrlm	RunVariance	0.354311855
wavelet-HLH	glrlm	GrayLevelNonUniformity	337.1303699
wavelet-HLH	glrlm	LongRunEmphasis	1.924849768
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	51.52547793
wavelet-HLH	glrlm	RunLengthNonUniformity	1262.933231
wavelet-HLH	glrlm	ShortRunEmphasis	0.858304604
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	111.8266646
wavelet-HLH	glrlm	RunPercentage	0.814581204
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.038983094
wavelet-HLH	glrlm	RunEntropy	3.491870387
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	59.56628357
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.700227375
wavelet-HLH	glszm	GrayLevelVariance	8.037946429

wavelet-HLH	glszm	ZoneVariance	3444.359355
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.12496014
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.271006059
wavelet-HLH	glszm	SizeZoneNonUniformity	60.70535714
wavelet-HLH	glszm	GrayLevelNonUniformity	27.99107143
wavelet-HLH	glszm	LargeAreaEmphasis	3539.334821
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	39.69646046
wavelet-HLH	glszm	ZonePercentage	0.102611086
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	64.02013725
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	201029.1563
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	70.05357143
wavelet-HLH	glszm	SmallAreaEmphasis	0.532928091
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.030945336
wavelet-HLH	glszm	ZoneEntropy	5.383621377
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018948369
wavelet-HLH	ngtdm	Coarseness	0.002961786
wavelet-HLH	ngtdm	Complexity	112.8691163
wavelet-HLH	ngtdm	Strength	0.253870415
wavelet-HLH	ngtdm	Contrast	0.024949869
wavelet-HLH	ngtdm	Busyness	2.155132039

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	1c6
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general	info	MaskHash	95b5b73428a59cf6b7acfe8d8a4e264ede0b
general	info	NumpyVersion	b259
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	447
original	shape	Maximum2DDiameterSlice	34.33656943
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original	shape	MinorAxis	0.834379777
original	shape	Elongation	27.5844907
original	shape	SurfaceVolumeRatio	0.921844407
original	shape	Volume	0.252675573
original	shape	MajorAxis	12069
original	shape	SurfaceArea	29.92315241
original	shape	Flatness	3049.541492
original	shape	LeastAxis	0.707904875
original	shape	Maximum2DDiameterColumn	21.18274547
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original	gldm	GrayLevelVariance	28.46049894
original	gldm	HighGrayLevelEmphasis	47.42681261
original	gldm	DependenceEntropy	762.0022371
original	gldm	DependenceNonUniformity	6.370564713
original	gldm	GrayLevelNonUniformity	79.94854586
original	gldm	SmallDependenceEmphasis	29.75167785
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.399778183
original	gldm	DependenceNonUniformityNormalized	222.3455483
			0.178855807

original	gldm	LargeDependenceEmphasis	21.19239374
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.025376318
original	gldm	DependenceVariance	9.028372095
original	gldm	LargeDependenceHighGrayLevelEmphasis	21501.17002
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004261772
original	gldm	LowGrayLevelEmphasis	0.005036066
original	glcm	JointAverage	28.21027368
original	glcm	SumAverage	56.42054736
original	glcm	JointEntropy	7.2194181
original	glcm	ClusterShade	-1351.585934
original	glcm	MaximumProbability	0.049650875
original	glcm	Idmn	0.96964877
original	glcm	JointEnergy	0.012664531
original	glcm	Contrast	43.17492382
original	glcm	DifferenceEntropy	3.637758989
original	glcm	InverseVariance	0.266452933
original	glcm	DifferenceVariance	22.38279727
original	glcm	Idn	0.897375541
original	glcm	Idm	0.279849367
original	glcm	Correlation	0.406318767
original	glcm	Autocorrelation	810.8991153
original	glcm	SumEntropy	4.825403297
original	glcm	SumSquares	36.59883482
original	glcm	ClusterProminence	47419.96167
original	glcm	Imc2	0.900533894
original	glcm	Imc1	-0.209441001
original	glcm	DifferenceAverage	4.497998133
original	glcm	Id	0.35554809
original	glcm	ClusterTendency	103.2204155
original	firstorder	InterquartileRange	225
original	firstorder	Skewness	-1.149333852
original	firstorder	Uniformity	0.066558563
original	firstorder	Median	-53
original	firstorder	Energy	19590861
original	firstorder	RobustMeanAbsoluteDeviation	101.407608
original	firstorder	MeanAbsoluteDeviation	140.1826244
original	firstorder	TotalEnergy	528953247
original	firstorder	Maximum	88
original	firstorder	RootMeanSquared	209.3500168
original	firstorder	90Percentile	42
original	firstorder	Minimum	-761
original	firstorder	Entropy	4.328539077
original	firstorder	Range	849
original	firstorder	Variance	29511.60147
original	firstorder	10Percentile	-385.8
original	firstorder	Kurtosis	3.682175131
original	firstorder	Mean	-119.6487696
original	glrlm	ShortRunLowGrayLevelEmphasis	0.005379504
original	glrlm	GrayLevelVariance	48.94613211
original	glrlm	LowGrayLevelRunEmphasis	0.005455576
original	glrlm	GrayLevelNonUniformityNormalized	0.059380098
original	glrlm	RunVariance	0.134415337

original	glrlm	GrayLevelNonUniformity	24.01120331
original	glrlm	LongRunEmphasis	1.358657441
original	glrlm	ShortRunHighGrayLevelEmphasis	671.0128288
original	glrlm	RunLengthNonUniformity	338.3833697
original	glrlm	ShortRunEmphasis	0.93131037
original	glrlm	LongRunHighGrayLevelEmphasis	1094.522411
original	glrlm	RunPercentage	0.904319394
original	glrlm	LongRunLowGrayLevelEmphasis	0.005840404
original	glrlm	RunEntropy	4.800552326
original	glrlm	HighGrayLevelRunEmphasis	738.1214976
original	glrlm	RunLengthNonUniformityNormalized	0.836621051
original	glszm	GrayLevelVariance	52.49412796
original	glszm	ZoneVariance	38.68585928
original	glszm	GrayLevelNonUniformityNormalized	0.043415878
original	glszm	SizeZoneNonUniformityNormalized	0.581570836
original	glszm	SizeZoneNonUniformity	112.8247423
original	glszm	GrayLevelNonUniformity	8.422680412
original	glszm	LargeAreaEmphasis	43.99484536
original	glszm	SmallAreaHighGrayLevelEmphasis	407.2772939
original	glszm	ZonePercentage	0.434004474
original	glszm	LargeAreaLowGrayLevelEmphasis	0.052704769
original	glszm	LargeAreaHighGrayLevelEmphasis	44714.12887
original	glszm	HighGrayLevelZoneEmphasis	551.8092784
original	glszm	SmallAreaEmphasis	0.789498686
original	glszm	LowGrayLevelZoneEmphasis	0.010009121
original	glszm	ZoneEntropy	5.544270946
original	glszm	SmallAreaLowGrayLevelEmphasis	0.009618093
original	ngtdm	Coarseness	0.013899791
original	ngtdm	Complexity	1418.618927
original	ngtdm	Strength	7.822912365
original	ngtdm	Contrast	0.348807163
original	ngtdm	Busyness	0.071151469
wavelet-HHH	gldm	GrayLevelVariance	4.377650656
wavelet-HHH	gldm	HighGrayLevelEmphasis	93.75838926
wavelet-HHH	gldm	DependenceEntropy	5.780290886
wavelet-HHH	gldm	DependenceNonUniformity	47.83668904
wavelet-HHH	gldm	GrayLevelNonUniformity	72.12751678
wavelet-HHH	gldm	SmallDependenceEmphasis	0.224326152
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	22.88055344
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.107017201
wavelet-HHH	gldm	LargeDependenceEmphasis	33.65324385
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.393931599
wavelet-HHH	gldm	DependenceVariance	10.88305332
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3018.340045
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.0061699
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.015848477
wavelet-HHH	glcm	JointAverage	9.457996074
wavelet-HHH	glcm	SumAverage	18.91599215
wavelet-HHH	glcm	JointEntropy	5.621984374
wavelet-HHH	glcm	ClusterShade	-0.532409626
wavelet-HHH	glcm	MaximumProbability	0.082652039
wavelet-HHH	glcm	ldmn	0.974533677

wavelet-HHH	glcm	JointEnergy	0.03438171
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wavelet-HHH	glcm	InverseVariance	0.379950916
wavelet-HHH	glcm	DifferenceVariance	3.99833257
wavelet-HHH	glcm	Idn	0.900500915
wavelet-HHH	glcm	Idm	0.406038849
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wavelet-HHH	glcm	SumEntropy	3.382157482
wavelet-HHH	glcm	SumSquares	4.008997365
wavelet-HHH	glcm	ClusterProminence	314.4728834
wavelet-HHH	glcm	Imc2	0.633217634
wavelet-HHH	glcm	Imc1	-0.089333113
wavelet-HHH	glcm	DifferenceAverage	2.063615585
wavelet-HHH	glcm	Id	0.472548838
wavelet-HHH	glcm	ClusterTendency	7.700538003
wavelet-HHH	firstorder	InterquartileRange	52.91921564
wavelet-HHH	firstorder	Skewness	-0.0503477
wavelet-HHH	firstorder	Uniformity	0.161359098
wavelet-HHH	firstorder	Median	-2.132439146
wavelet-HHH	firstorder	Energy	1198974.134
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	22.6034399
wavelet-HHH	firstorder	MeanAbsoluteDeviation	37.34652697
wavelet-HHH	firstorder	TotalEnergy	32372301.61
wavelet-HHH	firstorder	Maximum	195.5193957
wavelet-HHH	firstorder	RootMeanSquared	51.7906242
wavelet-HHH	firstorder	90Percentile	60.08673258
wavelet-HHH	firstorder	Minimum	-218.1815493
wavelet-HHH	firstorder	Entropy	3.016956007
wavelet-HHH	firstorder	Range	413.7009451
wavelet-HHH	firstorder	Variance	2681.597567
wavelet-HHH	firstorder	10Percentile	-57.01628356
wavelet-HHH	firstorder	Kurtosis	4.995604663
wavelet-HHH	firstorder	Mean	-0.819260776
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.015266757
wavelet-HHH	glrlm	GrayLevelVariance	4.927226841
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.016530583
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.14662963
wavelet-HHH	glrlm	RunVariance	0.227101705
wavelet-HHH	glrlm	GrayLevelNonUniformity	56.05022698
wavelet-HHH	glrlm	LongRunEmphasis	1.598883219
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	84.97146084
wavelet-HHH	glrlm	RunLengthNonUniformity	291.1443423
wavelet-HHH	glrlm	ShortRunEmphasis	0.894386322
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	148.2711203
wavelet-HHH	glrlm	RunPercentage	0.854930305
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.023580617
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	94.43691023
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.76087205
wavelet-HHH	glszm	GrayLevelVariance	12.50451749



wavelet-HHH	glszm	ZoneVariance	208.8636101
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.091695502
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.472702807
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wavelet-HHH	glszm	GrayLevelNonUniformity	9.352941176
wavelet-HHH	glszm	LargeAreaEmphasis	228.0686275
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	74.21876605
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.645990402
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wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	103.127451
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.027964742
wavelet-HHH	glszm	ZoneEntropy	4.946237843
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wavelet-HHH	ngtdm	Coarseness	0.014927366
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wavelet-HLL	gldm	GrayLevelVariance	20.21516548
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wavelet-HLL	gldm	GrayLevelNonUniformity	29.75167785
wavelet-HLL	gldm	SmallDependenceEmphasis	0.345713639
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wavelet-HLL	gldm	LargeDependenceEmphasis	12.0917226
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.083459754
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wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2296.644295
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011608146
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wavelet-HLL	glcm	SumAverage	26.16683357
wavelet-HLL	glcm	JointEntropy	7.484413423
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wavelet-HLL	glcm	InverseVariance	0.244739654
wavelet-HLL	glcm	DifferenceVariance	10.95442102
wavelet-HLL	glcm	Idn	0.885174681
wavelet-HLL	glcm	Idm	0.241938999
wavelet-HLL	glcm	Correlation	0.224328374
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wavelet-HLL	glcm	SumEntropy	4.632726332
wavelet-HLL	glcm	SumSquares	17.86760023
wavelet-HLL	glcm	ClusterProminence	7102.382115

wavelet-HLL	glcm	Imc2	0.846961957
wavelet-HLL	glcm	Imc1	-0.161185873
wavelet-HLL	glcm	DifferenceAverage	3.962473337
wavelet-HLL	glcm	Id	0.330856424
wavelet-HLL	glcm	ClusterTendency	43.94486273
wavelet-HLL	firstorder	InterquartileRange	144.1096053
wavelet-HLL	firstorder	Skewness	0.36429873
wavelet-HLL	firstorder	Uniformity	0.066558563
wavelet-HLL	firstorder	Median	-60.59764741
wavelet-HLL	firstorder	Energy	7083894.481
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	59.20351481
wavelet-HLL	firstorder	MeanAbsoluteDeviation	87.44387725
wavelet-HLL	firstorder	TotalEnergy	191265151
wavelet-HLL	firstorder	Maximum	322.8042196
wavelet-HLL	firstorder	RootMeanSquared	125.8874047
wavelet-HLL	firstorder	90Percentile	82.33180759
wavelet-HLL	firstorder	Minimum	-371.2392357
wavelet-HLL	firstorder	Entropy	4.162309261
wavelet-HLL	firstorder	Range	694.0434553
wavelet-HLL	firstorder	Variance	12569.18435
wavelet-HLL	firstorder	10Percentile	-197.9389173
wavelet-HLL	firstorder	Kurtosis	3.354454962
wavelet-HLL	firstorder	Mean	-57.25778822
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011583675
wavelet-HLL	glrlm	GrayLevelVariance	21.02242239
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011978443
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.064700212
wavelet-HLL	glrlm	RunVariance	0.091258072
wavelet-HLL	glrlm	GrayLevelNonUniformity	26.79533166
wavelet-HLL	glrlm	LongRunEmphasis	1.259949494
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	185.6163311
wavelet-HLL	glrlm	RunLengthNonUniformity	359.1248222
wavelet-HLL	glrlm	ShortRunEmphasis	0.944592471
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	244.3651867
wavelet-HLL	glrlm	RunPercentage	0.926346584
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.013775845
wavelet-HLL	glrlm	RunEntropy	4.538203328
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	195.8839693
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.865870734
wavelet-HLL	glszm	GrayLevelVariance	31.67494635
wavelet-HLL	glszm	ZoneVariance	14.19369398
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.051129908
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.413773513
wavelet-HLL	glszm	SizeZoneNonUniformity	73.65168539
wavelet-HLL	glszm	GrayLevelNonUniformity	9.101123596
wavelet-HLL	glszm	LargeAreaEmphasis	20.5
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	149.4396431
wavelet-HLL	glszm	ZonePercentage	0.398210291
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.146875133
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3775.977528
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	212.7134831
wavelet-HLL	glszm	SmallAreaEmphasis	0.66696929

wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017747092
wavelet-HLL	glszm	ZoneEntropy	5.781855255
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014725397
wavelet-HLL	ngtdm	Coarseness	0.016178955
wavelet-HLL	ngtdm	Complexity	867.1076907
wavelet-HLL	ngtdm	Strength	3.876207585
wavelet-HLL	ngtdm	Contrast	0.150528635
wavelet-HLL	ngtdm	Busyness	0.161468102
wavelet-LHL	gldm	GrayLevelVariance	20.41278421
wavelet-LHL	gldm	HighGrayLevelEmphasis	336.5682327
wavelet-LHL	gldm	DependenceEntropy	6.245599411
wavelet-LHL	gldm	DependenceNonUniformity	76.56599553
wavelet-LHL	gldm	GrayLevelNonUniformity	36.17673378
wavelet-LHL	gldm	SmallDependenceEmphasis	0.331124324
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	122.818159
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.171288581
wavelet-LHL	gldm	LargeDependenceEmphasis	14.3557047
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.053340669
wavelet-LHL	gldm	DependenceVariance	4.306662863
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4791.727069
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003910028
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.007103121
wavelet-LHL	glcm	JointAverage	17.69801971
wavelet-LHL	glcm	SumAverage	35.39603941
wavelet-LHL	glcm	JointEntropy	7.046550597
wavelet-LHL	glcm	ClusterShade	73.13482387
wavelet-LHL	glcm	MaximumProbability	0.033099553
wavelet-LHL	glcm	Idmn	0.990677032
wavelet-LHL	glcm	JointEnergy	0.011446253
wavelet-LHL	glcm	Contrast	24.88359585
wavelet-LHL	glcm	DifferenceEntropy	3.28360225
wavelet-LHL	glcm	InverseVariance	0.278546769
wavelet-LHL	glcm	DifferenceVariance	11.85975483
wavelet-LHL	glcm	Idn	0.937369681
wavelet-LHL	glcm	Idm	0.273762966
wavelet-LHL	glcm	Correlation	0.17447828
wavelet-LHL	glcm	Autocorrelation	315.9067034
wavelet-LHL	glcm	SumEntropy	4.377878224
wavelet-LHL	glcm	SumSquares	15.11873521
wavelet-LHL	glcm	ClusterProminence	10609.8706
wavelet-LHL	glcm	Imc2	0.819497007
wavelet-LHL	glcm	Imc1	-0.150952662
wavelet-LHL	glcm	DifferenceAverage	3.543044131
wavelet-LHL	glcm	Id	0.359176132
wavelet-LHL	glcm	ClusterTendency	35.591345
wavelet-LHL	firstorder	InterquartileRange	114.3752814
wavelet-LHL	firstorder	Skewness	0.918385151
wavelet-LHL	firstorder	Uniformity	0.08093229
wavelet-LHL	firstorder	Median	-36.91155185
wavelet-LHL	firstorder	Energy	6478822.092
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	48.52621581
wavelet-LHL	firstorder	MeanAbsoluteDeviation	78.66046722

wavelet-LHL	firstorder	TotalEnergy	174928196.5
wavelet-LHL	firstorder	Maximum	771.7098296
wavelet-LHL	firstorder	RootMeanSquared	120.3910676
wavelet-LHL	firstorder	90Percentile	80.51294785
wavelet-LHL	firstorder	Minimum	-463.1715976
wavelet-LHL	firstorder	Entropy	4.002738515
wavelet-LHL	firstorder	Range	1234.881427
wavelet-LHL	firstorder	Variance	12667.52253
wavelet-LHL	firstorder	10Percentile	-177.5950244
wavelet-LHL	firstorder	Kurtosis	10.51913834
wavelet-LHL	firstorder	Mean	-42.73741476
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007155764
wavelet-LHL	glrlm	GrayLevelVariance	21.6610171
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.007400127
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.077029382
wavelet-LHL	glrlm	RunVariance	0.112876928
wavelet-LHL	glrlm	GrayLevelNonUniformity	31.56462637
wavelet-LHL	glrlm	LongRunEmphasis	1.30598046
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	317.4994348
wavelet-LHL	glrlm	RunLengthNonUniformity	349.5850741
wavelet-LHL	glrlm	ShortRunEmphasis	0.938622231
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	438.2853518
wavelet-LHL	glrlm	RunPercentage	0.916537601
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008555914
wavelet-LHL	glrlm	RunEntropy	4.438686412
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	337.4239848
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.852301452
wavelet-LHL	glszm	GrayLevelVariance	40.83503123
wavelet-LHL	glszm	ZoneVariance	38.61373438
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.053316478
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.458581202
wavelet-LHL	glszm	SizeZoneNonUniformity	75.20731707
wavelet-LHL	glszm	GrayLevelNonUniformity	8.743902439
wavelet-LHL	glszm	LargeAreaEmphasis	46.04268293
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	273.2147911
wavelet-LHL	glszm	ZonePercentage	0.36689038
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.152846225
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	15765.9878
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	365.4939024
wavelet-LHL	glszm	SmallAreaEmphasis	0.702777883
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.011826617
wavelet-LHL	glszm	ZoneEntropy	5.677099759
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009530077
wavelet-LHL	ngtdm	Coarseness	0.015670223
wavelet-LHL	ngtdm	Complexity	1215.532906
wavelet-LHL	ngtdm	Strength	7.03445582
wavelet-LHL	ngtdm	Contrast	0.121440613
wavelet-LHL	ngtdm	Busyness	0.093446374
wavelet-LHH	gldm	GrayLevelVariance	8.900930389
wavelet-LHH	gldm	HighGrayLevelEmphasis	189.8545861
wavelet-LHH	gldm	DependenceEntropy	5.982149519
wavelet-LHH	gldm	DependenceNonUniformity	63.21029083

wavelet-LHH	gldm	GrayLevelNonUniformity	50.82550336
wavelet-LHH	gldm	SmallDependenceEmphasis	0.299870257
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	60.40180357
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.141410047
wavelet-LHH	gldm	LargeDependenceEmphasis	23.41610738
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.133256389
wavelet-LHH	gldm	DependenceVariance	8.489207193
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4349.174497
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004844935
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.009012376
wavelet-LHH	glcm	JointAverage	13.51473639
wavelet-LHH	glcm	SumAverage	27.02947278
wavelet-LHH	glcm	JointEntropy	6.37988336
wavelet-LHH	glcm	ClusterShade	-9.018924886
wavelet-LHH	glcm	MaximumProbability	0.057364071
wavelet-LHH	glcm	ldmn	0.976400394
wavelet-LHH	glcm	JointEnergy	0.01947692
wavelet-LHH	glcm	Contrast	15.13342888
wavelet-LHH	glcm	DifferenceEntropy	3.040820807
wavelet-LHH	glcm	InverseVariance	0.312954628
wavelet-LHH	glcm	DifferenceVariance	6.998833482
wavelet-LHH	glcm	ldn	0.902738763
wavelet-LHH	glcm	ldm	0.32827993
wavelet-LHH	glcm	Correlation	-0.02360025
wavelet-LHH	glcm	Autocorrelation	182.4518346
wavelet-LHH	glcm	SumEntropy	3.81888808
wavelet-LHH	glcm	SumSquares	7.369106277
wavelet-LHH	glcm	ClusterProminence	1039.096147
wavelet-LHH	glcm	lmc2	0.729428866
wavelet-LHH	glcm	lmc1	-0.113973417
wavelet-LHH	glcm	DifferenceAverage	2.820703066
wavelet-LHH	glcm	ld	0.407511713
wavelet-LHH	glcm	ClusterTendency	14.34299623
wavelet-LHH	firstorder	InterquartileRange	73.58047761
wavelet-LHH	firstorder	Skewness	-0.168032383
wavelet-LHH	firstorder	Uniformity	0.113703587
wavelet-LHH	firstorder	Median	0.386422313
wavelet-LHH	firstorder	Energy	2471665.431
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	32.2770176
wavelet-LHH	firstorder	MeanAbsoluteDeviation	53.83036157
wavelet-LHH	firstorder	TotalEnergy	66734966.64
wavelet-LHH	firstorder	Maximum	258.5691027
wavelet-LHH	firstorder	RootMeanSquared	74.36029092
wavelet-LHH	firstorder	90Percentile	87.67552518
wavelet-LHH	firstorder	Minimum	-313.5084305
wavelet-LHH	firstorder	Entropy	3.523835329
wavelet-LHH	firstorder	Range	572.0775332
wavelet-LHH	firstorder	Variance	5526.383498
wavelet-LHH	firstorder	10Percentile	-93.04949676
wavelet-LHH	firstorder	Kurtosis	4.618662191
wavelet-LHH	firstorder	Mean	-1.751961145
wavelet-LHH	gllm	ShortRunLowGrayLevelEmphasis	0.008982583

wavelet-LHH	glrlm	GrayLevelVariance	9.760535849
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.009429495
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.104590891
wavelet-LHH	glrlm	RunVariance	0.167470266
wavelet-LHH	glrlm	GrayLevelNonUniformity	41.61105081
wavelet-LHH	glrlm	LongRunEmphasis	1.431978247
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	175.7736047
wavelet-LHH	glrlm	RunLengthNonUniformity	324.4815056
wavelet-LHH	glrlm	ShortRunEmphasis	0.921276036
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	270.4094951
wavelet-LHH	glrlm	RunPercentage	0.889864051
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.011866145
wavelet-LHH	glrlm	RunEntropy	4.077533754
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	190.3966646
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.815213664
wavelet-LHH	glszm	GrayLevelVariance	21.89786981
wavelet-LHH	glszm	ZoneVariance	108.542766
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.067041522
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.535791522
wavelet-LHH	glszm	SizeZoneNonUniformity	72.86764706
wavelet-LHH	glszm	GrayLevelNonUniformity	9.117647059
wavelet-LHH	glszm	LargeAreaEmphasis	119.3455882
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	156.8329011
wavelet-LHH	glszm	ZonePercentage	0.304250559
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.659186876
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	22473.06618
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	199.6102941
wavelet-LHH	glszm	SmallAreaEmphasis	0.759221182
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016284131
wavelet-LHH	glszm	ZoneEntropy	5.140859527
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014494721
wavelet-LHH	ngtdm	Coarseness	0.015011938
wavelet-LHH	ngtdm	Complexity	410.6640082
wavelet-LHH	ngtdm	Strength	2.065750623
wavelet-LHH	ngtdm	Contrast	0.097781323
wavelet-LHH	ngtdm	Busyness	0.195034464
wavelet-LLH	gldm	GrayLevelVariance	28.14089455
wavelet-LLH	gldm	HighGrayLevelEmphasis	511.8456376
wavelet-LLH	gldm	DependenceEntropy	6.213344962
wavelet-LLH	gldm	DependenceNonUniformity	90.19910515
wavelet-LLH	gldm	GrayLevelNonUniformity	29.84563758
wavelet-LLH	gldm	SmallDependenceEmphasis	0.385986525
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	196.3193552
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.201787707
wavelet-LLH	gldm	LargeDependenceEmphasis	10.97762864
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025273016
wavelet-LLH	gldm	DependenceVariance	3.244998974
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5674.230425
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003446747
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.004814202
wavelet-LLH	glcm	JointAverage	21.88444058
wavelet-LLH	glcm	SumAverage	43.76888116

wavelet-LLH	glcm	JointEntropy	7.455729743
wavelet-LLH	glcm	ClusterShade	149.0687566
wavelet-LLH	glcm	MaximumProbability	0.029439746
wavelet-LLH	glcm	Idmn	0.979072055
wavelet-LLH	glcm	JointEnergy	0.008558775
wavelet-LLH	glcm	Contrast	37.27876408
wavelet-LLH	glcm	DifferenceEntropy	3.560674744
wavelet-LLH	glcm	InverseVariance	0.252900613
wavelet-LLH	glcm	DifferenceVariance	17.49660768
wavelet-LLH	glcm	Idn	0.909317858
wavelet-LLH	glcm	Idm	0.239721317
wavelet-LLH	glcm	Correlation	0.198011627
wavelet-LLH	glcm	Autocorrelation	483.6425926
wavelet-LLH	glcm	SumEntropy	4.673290679
wavelet-LLH	glcm	SumSquares	23.3474076
wavelet-LLH	glcm	ClusterProminence	19146.32749
wavelet-LLH	glcm	Imc2	0.889346748
wavelet-LLH	glcm	Imc1	-0.193720213
wavelet-LLH	glcm	DifferenceAverage	4.347426948
wavelet-LLH	glcm	Id	0.325963503
wavelet-LLH	glcm	ClusterTendency	56.11086631
wavelet-LLH	firstorder	InterquartileRange	129.230038
wavelet-LLH	firstorder	Skewness	0.29411342
wavelet-LLH	firstorder	Uniformity	0.066768764
wavelet-LLH	firstorder	Median	-37.39060643
wavelet-LLH	firstorder	Energy	8439435.809
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	58.23060357
wavelet-LLH	firstorder	MeanAbsoluteDeviation	95.62395653
wavelet-LLH	firstorder	TotalEnergy	227864766.8
wavelet-LLH	firstorder	Maximum	424.3785197
wavelet-LLH	firstorder	RootMeanSquared	137.4051294
wavelet-LLH	firstorder	90Percentile	112.3330896
wavelet-LLH	firstorder	Minimum	-564.8594492
wavelet-LLH	firstorder	Entropy	4.274343159
wavelet-LLH	firstorder	Range	989.2379689
wavelet-LLH	firstorder	Variance	17470.41969
wavelet-LLH	firstorder	10Percentile	-190.2227525
wavelet-LLH	firstorder	Kurtosis	4.882305476
wavelet-LLH	firstorder	Mean	-37.54663642
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004907803
wavelet-LLH	glrlm	GrayLevelVariance	29.43303791
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00501505
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.06385048
wavelet-LLH	glrlm	RunVariance	0.089449254
wavelet-LLH	glrlm	GrayLevelNonUniformity	26.59583893
wavelet-LLH	glrlm	LongRunEmphasis	1.245238196
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	485.8704368
wavelet-LLH	glrlm	RunLengthNonUniformity	366.3033098
wavelet-LLH	glrlm	ShortRunEmphasis	0.949886522
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	638.1927865
wavelet-LLH	glrlm	RunPercentage	0.931509207
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005530883

wavelet-LLH	glrlm	RunEntropy	4.625897589
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	511.6133537
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.878316922
wavelet-LLH	glszm	GrayLevelVariance	47.93376731
wavelet-LLH	glszm	ZoneVariance	26.60722992
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.046592798
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.50166205
wavelet-LLH	glszm	SizeZoneNonUniformity	95.31578947
wavelet-LLH	glszm	GrayLevelNonUniformity	8.852631579
wavelet-LLH	glszm	LargeAreaEmphasis	32.14210526
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	373.5445203
wavelet-LLH	glszm	ZonePercentage	0.425055928
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.069565219
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	16800.24737
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	511.0894737
wavelet-LLH	glszm	SmallAreaEmphasis	0.735639582
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.008377737
wavelet-LLH	glszm	ZoneEntropy	5.753471157
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007712134
wavelet-LLH	ngtdm	Coarseness	0.015643045
wavelet-LLH	ngtdm	Complexity	1571.564124
wavelet-LLH	ngtdm	Strength	6.163467551
wavelet-LLH	ngtdm	Contrast	0.167611523
wavelet-LLH	ngtdm	Busyness	0.073735465
wavelet-LLL	gldm	GrayLevelVariance	333.5294306
wavelet-LLL	gldm	HighGrayLevelEmphasis	4410.080537
wavelet-LLL	gldm	DependenceEntropy	6.903437499
wavelet-LLL	gldm	DependenceNonUniformity	156.5928412
wavelet-LLL	gldm	GrayLevelNonUniformity	10.82550336
wavelet-LLL	gldm	SmallDependenceEmphasis	0.607754422
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2168.701231
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.350319555
wavelet-LLL	gldm	LargeDependenceEmphasis	6.955257271
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003701607
wavelet-LLL	gldm	DependenceVariance	2.691540421
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	42759.89262
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002531483
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00263095
wavelet-LLL	glcm	JointAverage	68.14545075
wavelet-LLL	glcm	SumAverage	136.2909015
wavelet-LLL	glcm	JointEntropy	8.673758117
wavelet-LLL	glcm	ClusterShade	-21465.28656
wavelet-LLL	glcm	MaximumProbability	0.013760989
wavelet-LLL	glcm	ldmn	0.969276592
wavelet-LLL	glcm	JointEnergy	0.003262141
wavelet-LLL	glcm	Contrast	260.6150802
wavelet-LLL	glcm	DifferenceEntropy	4.855691923
wavelet-LLL	glcm	InverseVariance	0.138263199
wavelet-LLL	glcm	DifferenceVariance	115.7371478
wavelet-LLL	glcm	ldn	0.890829877
wavelet-LLL	glcm	ldm	0.136382032
wavelet-LLL	glcm	Correlation	0.509934566



wavelet-LLL	glcm	Autocorrelation	4782.029321
wavelet-LLL	glcm	SumEntropy	6.220395221
wavelet-LLL	glcm	SumSquares	267.9248355
wavelet-LLL	glcm	ClusterProminence	2138913.018
wavelet-LLL	glcm	Imc2	0.993998413
wavelet-LLL	glcm	Imc1	-0.407930814
wavelet-LLL	glcm	DifferenceAverage	11.77148745
wavelet-LLL	glcm	Id	0.206657793
wavelet-LLL	glcm	ClusterTendency	811.0842619
wavelet-LLL	firstorder	InterquartileRange	730.7606714
wavelet-LLL	firstorder	Skewness	-0.770202129
wavelet-LLL	firstorder	Uniformity	0.024218128
wavelet-LLL	firstorder	Median	-234.5487303
wavelet-LLL	firstorder	Energy	152898467.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	296.0849626
wavelet-LLL	firstorder	MeanAbsoluteDeviation	384.6969801
wavelet-LLL	firstorder	TotalEnergy	4128258634
wavelet-LLL	firstorder	Maximum	222.0310831
wavelet-LLL	firstorder	RootMeanSquared	584.8544589
wavelet-LLL	firstorder	90Percentile	122.135387
wavelet-LLL	firstorder	Minimum	-1942.005012
wavelet-LLL	firstorder	Entropy	5.701981163
wavelet-LLL	firstorder	Range	2164.036095
wavelet-LLL	firstorder	Variance	208096.0005
wavelet-LLL	firstorder	10Percentile	-1074.658817
wavelet-LLL	firstorder	Kurtosis	2.720863269
wavelet-LLL	firstorder	Mean	-366.0037398
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002728593
wavelet-LLL	glrlm	GrayLevelVariance	333.7048099
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002734938
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.022954488
wavelet-LLL	glrlm	RunVariance	0.045933342
wavelet-LLL	glrlm	GrayLevelNonUniformity	9.841216078
wavelet-LLL	glrlm	LongRunEmphasis	1.133621266
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4145.05149
wavelet-LLL	glrlm	RunLengthNonUniformity	395.4978552
wavelet-LLL	glrlm	ShortRunEmphasis	0.969315992
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5163.245542
wavelet-LLL	glrlm	RunPercentage	0.959043194
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002761941
wavelet-LLL	glrlm	RunEntropy	5.905939906
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4334.030074
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.922338124
wavelet-LLL	glszm	GrayLevelVariance	307.3321764
wavelet-LLL	glszm	ZoneVariance	4.698563099
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019019853
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.680063862
wavelet-LLL	glszm	SizeZoneNonUniformity	199.9387755
wavelet-LLL	glszm	GrayLevelNonUniformity	5.591836735
wavelet-LLL	glszm	LargeAreaEmphasis	7.010204082
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2895.175622
wavelet-LLL	glszm	ZonePercentage	0.657718121

wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004910707
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	42997.59184
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3636.70068
wavelet-LLL	glszm	SmallAreaEmphasis	0.848841276
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003878408
wavelet-LLL	glszm	ZoneEntropy	6.432381639
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003826863
wavelet-LLL	ngtdm	Coarseness	0.014367445
wavelet-LLL	ngtdm	Complexity	16343.24778
wavelet-LLL	ngtdm	Strength	37.48518097
wavelet-LLL	ngtdm	Contrast	1.070892471
wavelet-LLL	ngtdm	Busyness	0.014142411
wavelet-HHL	gldm	GrayLevelVariance	5.390658078
wavelet-HHL	gldm	HighGrayLevelEmphasis	77.9261745
wavelet-HHL	gldm	DependenceEntropy	5.760973374
wavelet-HHL	gldm	DependenceNonUniformity	59.72035794
wavelet-HHL	gldm	GrayLevelNonUniformity	59.27293065
wavelet-HHL	gldm	SmallDependenceEmphasis	0.266414176
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	22.1975434
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.13360259
wavelet-HHL	gldm	LargeDependenceEmphasis	20.95973154
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.334824563
wavelet-HHL	gldm	DependenceVariance	5.998238318
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1524.825503
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008798543
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.02349969
wavelet-HHL	glcm	JointAverage	8.532953562
wavelet-HHL	glcm	SumAverage	17.06590712
wavelet-HHL	glcm	JointEntropy	5.988467414
wavelet-HHL	glcm	ClusterShade	-0.577116485
wavelet-HHL	glcm	MaximumProbability	0.053339622
wavelet-HHL	glcm	Idmn	0.970557114
wavelet-HHL	glcm	JointEnergy	0.023210801
wavelet-HHL	glcm	Contrast	9.633261026
wavelet-HHL	glcm	DifferenceEntropy	2.738465305
wavelet-HHL	glcm	InverseVariance	0.361997617
wavelet-HHL	glcm	DifferenceVariance	4.155873328
wavelet-HHL	glcm	Idn	0.888943697
wavelet-HHL	glcm	Idm	0.353529858
wavelet-HHL	glcm	Correlation	-0.012991425
wavelet-HHL	glcm	Autocorrelation	72.74745538
wavelet-HHL	glcm	SumEntropy	3.57204231
wavelet-HHL	glcm	SumSquares	4.750100432
wavelet-HHL	glcm	ClusterProminence	371.2754607
wavelet-HHL	glcm	Imc2	0.635321164
wavelet-HHL	glcm	Imc1	-0.084689722
wavelet-HHL	glcm	DifferenceAverage	2.317443446
wavelet-HHL	glcm	Id	0.429799762
wavelet-HHL	glcm	ClusterTendency	9.367140703
wavelet-HHL	firstorder	InterquartileRange	69.40339385
wavelet-HHL	firstorder	Skewness	-0.019472886
wavelet-HHL	firstorder	Uniformity	0.132601635

wavelet-HHL	firstorder	Median	-1.278121513
wavelet-HHL	firstorder	Energy	1459730.763
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	28.61172166
wavelet-HHL	firstorder	MeanAbsoluteDeviation	43.66057215
wavelet-HHL	firstorder	TotalEnergy	39412730.6
wavelet-HHL	firstorder	Maximum	202.8851783
wavelet-HHL	firstorder	RootMeanSquared	57.14557655
wavelet-HHL	firstorder	90Percentile	71.50524496
wavelet-HHL	firstorder	Minimum	-195.2337842
wavelet-HHL	firstorder	Entropy	3.224331713
wavelet-HHL	firstorder	Range	398.1189625
wavelet-HHL	firstorder	Variance	3265.325411
wavelet-HHL	firstorder	10Percentile	-64.37753166
wavelet-HHL	firstorder	Kurtosis	3.861909125
wavelet-HHL	firstorder	Mean	0.539915096
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.022909327
wavelet-HHL	glrlm	GrayLevelVariance	5.816472773
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024341244
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.125337484
wavelet-HHL	glrlm	RunVariance	0.147969535
wavelet-HHL	glrlm	GrayLevelNonUniformity	49.85858452
wavelet-HHL	glrlm	LongRunEmphasis	1.416352441
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	72.23550672
wavelet-HHL	glrlm	RunLengthNonUniformity	320.1984416
wavelet-HHL	glrlm	ShortRunEmphasis	0.915987661
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	109.110644
wavelet-HHL	glrlm	RunPercentage	0.889691964
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.031241076
wavelet-HHL	glrlm	RunEntropy	3.782070665
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	78.44936622
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.803697882
wavelet-HHL	glszm	GrayLevelVariance	12.73652991
wavelet-HHL	glszm	ZoneVariance	142.369183
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.092013276
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.523338747
wavelet-HHL	glszm	SizeZoneNonUniformity	62.27731092
wavelet-HHL	glszm	GrayLevelNonUniformity	10.94957983
wavelet-HHL	glszm	LargeAreaEmphasis	156.4789916
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	63.76310807
wavelet-HHL	glszm	ZonePercentage	0.266219239
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.391559452
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	11055.36975
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	85.48739496
wavelet-HHL	glszm	SmallAreaEmphasis	0.750107713
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.037561159
wavelet-HHL	glszm	ZoneEntropy	4.768358387
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.026881288
wavelet-HHL	ngtdm	Coarseness	0.015005551
wavelet-HHL	ngtdm	Complexity	177.334765
wavelet-HHL	ngtdm	Strength	1.104392915
wavelet-HHL	ngtdm	Contrast	0.080482087
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wavelet-HLH	gldm	GrayLevelVariance	7.22307804
wavelet-HLH	gldm	HighGrayLevelEmphasis	118.4854586
wavelet-HLH	gldm	DependenceEntropy	6.046343872
wavelet-HLH	gldm	DependenceNonUniformity	52.37360179
wavelet-HLH	gldm	GrayLevelNonUniformity	58.54809843
wavelet-HLH	gldm	SmallDependenceEmphasis	0.258630669
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	34.66433979
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.117166894
wavelet-HLH	gldm	LargeDependenceEmphasis	31.55033557
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.305666411
wavelet-HLH	gldm	DependenceVariance	11.18944592
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3504.369128
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006505958
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.014906033
wavelet-HLH	glcm	JointAverage	10.54705338
wavelet-HLH	glcm	SumAverage	21.09410677
wavelet-HLH	glcm	JointEntropy	6.094807792
wavelet-HLH	glcm	ClusterShade	0.832386651
wavelet-HLH	glcm	MaximumProbability	0.071663782
wavelet-HLH	glcm	ldmn	0.974343975
wavelet-HLH	glcm	JointEnergy	0.026181402
wavelet-HLH	glcm	Contrast	12.89711447
wavelet-HLH	glcm	DifferenceEntropy	2.920829005
wavelet-HLH	glcm	InverseVariance	0.348117474
wavelet-HLH	glcm	DifferenceVariance	6.508841199
wavelet-HLH	glcm	ldn	0.902694289
wavelet-HLH	glcm	ldm	0.375306336
wavelet-HLH	glcm	Correlation	-0.019235159
wavelet-HLH	glcm	Autocorrelation	111.1146817
wavelet-HLH	glcm	SumEntropy	3.702721011
wavelet-HLH	glcm	SumSquares	6.321433984
wavelet-HLH	glcm	ClusterProminence	821.3275297
wavelet-HLH	glcm	lmc2	0.711702536
wavelet-HLH	glcm	lmc1	-0.111155071
wavelet-HLH	glcm	DifferenceAverage	2.505266886
wavelet-HLH	glcm	ld	0.445247073
wavelet-HLH	glcm	ClusterTendency	12.38862147
wavelet-HLH	firstorder	InterquartileRange	64.91954904
wavelet-HLH	firstorder	Skewness	0.091677059
wavelet-HLH	firstorder	Uniformity	0.130980086
wavelet-HLH	firstorder	Median	1.911791865
wavelet-HLH	firstorder	Energy	1985839.129
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	28.9367634
wavelet-HLH	firstorder	MeanAbsoluteDeviation	48.00846565
wavelet-HLH	firstorder	TotalEnergy	53617656.49
wavelet-HLH	firstorder	Maximum	254.9257375
wavelet-HLH	firstorder	RootMeanSquared	66.65278036
wavelet-HLH	firstorder	90Percentile	74.53776221
wavelet-HLH	firstorder	Minimum	-235.7113267
wavelet-HLH	firstorder	Entropy	3.354009558
wavelet-HLH	firstorder	Range	490.6370642
wavelet-HLH	firstorder	Variance	4442.064963

wavelet-HLH	firstorder	10Percentile	-76.56205723
wavelet-HLH	firstorder	Kurtosis	4.864692374
wavelet-HLH	firstorder	Mean	0.726750786
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014709032
wavelet-HLH	glrlm	GrayLevelVariance	8.065905156
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.015693438
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.117831735
wavelet-HLH	glrlm	RunVariance	0.209282713
wavelet-HLH	glrlm	GrayLevelNonUniformity	45.56698942
wavelet-HLH	glrlm	LongRunEmphasis	1.550320573
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	108.4077649
wavelet-HLH	glrlm	RunLengthNonUniformity	300.1889963
wavelet-HLH	glrlm	ShortRunEmphasis	0.90169998
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	180.9765267
wavelet-HLH	glrlm	RunPercentage	0.864911375
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021102433
wavelet-HLH	glrlm	RunEntropy	4.019260165
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	119.4810567
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.775289021
wavelet-HLH	glszm	GrayLevelVariance	17.549056
wavelet-HLH	glszm	ZoneVariance	128.500224
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.080832
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.465088
wavelet-HLH	glszm	SizeZoneNonUniformity	58.136
wavelet-HLH	glszm	GrayLevelNonUniformity	10.104
wavelet-HLH	glszm	LargeAreaEmphasis	141.288
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	99.63268015
wavelet-HLH	glszm	ZonePercentage	0.279642058
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	1.313522357
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	15915.832
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	132.296
wavelet-HLH	glszm	SmallAreaEmphasis	0.707904197
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.025511712
wavelet-HLH	glszm	ZoneEntropy	5.089650189
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020321052
wavelet-HLH	ngtdm	Coarseness	0.015897543
wavelet-HLH	ngtdm	Complexity	319.9986043
wavelet-HLH	ngtdm	Strength	1.915661921
wavelet-HLH	ngtdm	Contrast	0.076518571
wavelet-HLH	ngtdm	Busyness	0.237507416

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	MaskHash	d2e61c6330d19aa1792d5534c5cb87343b48cd4
general	info	NumpyVersion	f
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
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original	shape	Maximum2DDiameterSlice	11.22497216
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original	shape	MinorAxis	0.975655024
original	shape	Elongation	8.411277122
original	shape	SurfaceVolumeRatio	0.690844849
original	shape	Volume	0.61917781
original	shape	MajorAxis	513
original	shape	SurfaceArea	12.17534897
original	shape	Flatness	317.6382168
original	shape	LeastAxis	0.561116505
original	shape	Maximum2DDiameterColumn	6.831789263
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original	gldm	GrayLevelVariance	9.486832981
original	gldm	HighGrayLevelEmphasis	149.734072
original	gldm	DependenceEntropy	681.1578947
original	gldm	DependenceNonUniformity	3.93213804
original	gldm	GrayLevelNonUniformity	12.68421053
original	gldm	SmallDependenceEmphasis	1.315789474
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.842105263
original	gldm	DependenceNonUniformityNormalized	546.9473684
original	gldm	LargeDependenceEmphasis	0.667590028
original	gldm	LargeDependenceLowGrayLevelEmphasis	1.631578947
original	gldm	DependenceVariance	0.060767345
original	gldm	LargeDependenceHighGrayLevelEmphasis	0.166204986
original	gldm	SmallDependenceLowGrayLevelEmphasis	1218
			0.056573266

original	gldm	LowGrayLevelEmphasis	0.057412082
original	glcm	JointAverage	25.02336691
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original	glcm	ClusterShade	-1034.49243
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original	glcm	JointEnergy	0.081283057
original	glcm	Contrast	321.7721195
original	glcm	DifferenceEntropy	2.660320875
original	glcm	InverseVariance	0.058530655
original	glcm	DifferenceVariance	86.22358328
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original	glcm	Idm	0.055576846
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original	glcm	Autocorrelation	616.0647852
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original	glcm	SumSquares	143.1672292
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original	glcm	ClusterTendency	250.8967973
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original	firstorder	Skewness	0.000638871
original	firstorder	Uniformity	0.069252078
original	firstorder	Median	-370
original	firstorder	Energy	4272857
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original	firstorder	Minimum	-902
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original	firstorder	Kurtosis	1.867965855
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.057823323
original	glrlm	GrayLevelVariance	148.9497229
original	glrlm	LowGrayLevelRunEmphasis	0.057857378
original	glrlm	GrayLevelNonUniformityNormalized	0.069044256
original	glrlm	RunVariance	0.008072175
original	glrlm	GrayLevelNonUniformity	1.301394512
original	glrlm	LongRunEmphasis	1.025641026
original	glrlm	ShortRunHighGrayLevelEmphasis	674.2660819
original	glrlm	RunLengthNonUniformity	18.55555556
original	glrlm	ShortRunEmphasis	0.993589744
original	glrlm	LongRunHighGrayLevelEmphasis	701.5096716
original	glrlm	RunPercentage	0.991902834

original	glrlm	LongRunLowGrayLevelEmphasis	0.057993596
original	glrlm	RunEntropy	3.934532615
original	glrlm	HighGrayLevelRunEmphasis	679.7147998
original	glrlm	RunLengthNonUniformityNormalized	0.983855651
original	glszm	GrayLevelVariance	140.3806228
original	glszm	ZoneVariance	0.103806228
original	glszm	GrayLevelNonUniformityNormalized	0.065743945
original	glszm	SizeZoneNonUniformityNormalized	0.792387543
original	glszm	SizeZoneNonUniformity	13.47058824
original	glszm	GrayLevelNonUniformity	1.117647059
original	glszm	LargeAreaEmphasis	1.352941176
original	glszm	SmallAreaHighGrayLevelEmphasis	586.2941176
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original	glszm	HighGrayLevelZoneEmphasis	661.2941176
original	glszm	SmallAreaEmphasis	0.911764706
original	glszm	LowGrayLevelZoneEmphasis	0.063541445
original	glszm	ZoneEntropy	3.969815782
original	glszm	SmallAreaLowGrayLevelEmphasis	0.063072695
original	ngtdm	Coarseness	0.063552832
original	ngtdm	Complexity	3029.224044
original	ngtdm	Strength	44.83587507
original	ngtdm	Contrast	13.7159668
original	ngtdm	Busyness	0.068822251
wavelet-HHH	gldm	GrayLevelVariance	15.58448753
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wavelet-HHH	gldm	DependenceNonUniformity	6.789473684
wavelet-HHH	gldm	GrayLevelNonUniformity	2.894736842
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wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	51.76315789
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.35734072
wavelet-HHH	gldm	LargeDependenceEmphasis	5.421052632
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.138214
wavelet-HHH	gldm	DependenceVariance	1.207756233
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	456.3684211
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.07039663
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.076558788
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wavelet-HHH	glcm	SumAverage	17.99010989
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wavelet-HHH	glcm	ClusterShade	16.96816036
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wavelet-HHH	glcm	JointEnergy	0.096409421
wavelet-HHH	glcm	Contrast	33.3519203
wavelet-HHH	glcm	DifferenceEntropy	2.383148318
wavelet-HHH	glcm	InverseVariance	0.182258213
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wavelet-HHH	glcm	Idn	0.818943934
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wavelet-HHH	firstorder	Mean	21.69456647
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.078889768
wavelet-HHH	glrlm	GrayLevelVariance	16.09557992
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wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.145303551
wavelet-HHH	glrlm	RunVariance	0.040186713
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wavelet-HHH	glrlm	LongRunEmphasis	1.131221719
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wavelet-HHH	glrlm	ShortRunEmphasis	0.96719457
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wavelet-HHH	glszm	LargeAreaEmphasis	5
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wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	978.3684211
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.058282966
wavelet-HLL	glcm	JointAverage	21.09630786
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wavelet-HLL	glcm	MaximumProbability	0.097896548
wavelet-HLL	glcm	Idmn	0.902754826
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wavelet-HLL	glcm	Contrast	184.0176962
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wavelet-HLL	glcm	InverseVariance	0.080099723
wavelet-HLL	glcm	DifferenceVariance	33.87489764
wavelet-HLL	glcm	Idn	0.790904298
wavelet-HLL	glcm	Idm	0.071310315
wavelet-HLL	glcm	Correlation	0.131282186
wavelet-HLL	glcm	Autocorrelation	459.5179876
wavelet-HLL	glcm	SumEntropy	2.608022295
wavelet-HLL	glcm	SumSquares	103.9520048
wavelet-HLL	glcm	ClusterProminence	109638.9278
wavelet-HLL	glcm	Imc2	0.999002621
wavelet-HLL	glcm	Imc1	-0.928352468
wavelet-HLL	glcm	DifferenceAverage	11.36282884
wavelet-HLL	glcm	Id	0.147927172
wavelet-HLL	glcm	ClusterTendency	231.7903232
wavelet-HLL	firstorder	InterquartileRange	290.6667917
wavelet-HLL	firstorder	Skewness	-0.382412489
wavelet-HLL	firstorder	Uniformity	0.069252078
wavelet-HLL	firstorder	Median	61.2817681
wavelet-HLL	firstorder	Energy	1216939.502
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	141.3618399
wavelet-HLL	firstorder	MeanAbsoluteDeviation	203.499076
wavelet-HLL	firstorder	TotalEnergy	32857366.55

wavelet-HLL	firstorder	Maximum	477.002421
wavelet-HLL	firstorder	RootMeanSquared	253.0799231
wavelet-HLL	firstorder	90Percentile	287.6606156
wavelet-HLL	firstorder	Minimum	-474.5965923
wavelet-HLL	firstorder	Entropy	3.93213804
wavelet-HLL	firstorder	Range	951.5990133
wavelet-HLL	firstorder	Variance	62952.08171
wavelet-HLL	firstorder	10Percentile	-354.7549283
wavelet-HLL	firstorder	Kurtosis	2.445859607
wavelet-HLL	firstorder	Mean	33.12651147
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.058759789
wavelet-HLL	glrlm	GrayLevelVariance	98.64688214
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.058768927
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.069044256
wavelet-HLL	glrlm	RunVariance	0.008072175
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.301394512
wavelet-HLL	glrlm	LongRunEmphasis	1.025641026
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	528.7466824
wavelet-HLL	glrlm	RunLengthNonUniformity	18.55555556
wavelet-HLL	glrlm	ShortRunEmphasis	0.993589744
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	551.2627081
wavelet-HLL	glrlm	RunPercentage	0.991902834
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.058805479
wavelet-HLL	glrlm	RunEntropy	3.934532615
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	533.2498875
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.983855651
wavelet-HLL	glszm	GrayLevelVariance	105.4740484
wavelet-HLL	glszm	ZoneVariance	0.103806228
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.065743945
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.792387543
wavelet-HLL	glszm	SizeZoneNonUniformity	13.47058824
wavelet-HLL	glszm	GrayLevelNonUniformity	1.117647059
wavelet-HLL	glszm	LargeAreaEmphasis	1.352941176
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	452.9558824
wavelet-HLL	glszm	ZonePercentage	0.894736842
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.065475201
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	762.8823529
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	514.9411765
wavelet-HLL	glszm	SmallAreaEmphasis	0.911764706
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.064972078
wavelet-HLL	glszm	ZoneEntropy	3.969815782
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.064846297
wavelet-HLL	ngtdm	Coarseness	0.128199161
wavelet-HLL	ngtdm	Complexity	1403.521751
wavelet-HLL	ngtdm	Strength	56.30623143
wavelet-HLL	ngtdm	Contrast	5.144504903
wavelet-HLL	ngtdm	Busyness	0.03283272
wavelet-LHL	gldm	GrayLevelVariance	251.2077562
wavelet-LHL	gldm	HighGrayLevelEmphasis	1148.052632
wavelet-LHL	gldm	DependenceEntropy	3.787143961
wavelet-LHL	gldm	DependenceNonUniformity	8.894736842
wavelet-LHL	gldm	GrayLevelNonUniformity	1.526315789
wavelet-LHL	gldm	SmallDependenceEmphasis	0.701754386
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	957.5526316

wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.468144044
wavelet-LHL	gldm	LargeDependenceEmphasis	2.894736842
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.094064342
wavelet-LHL	gldm	DependenceVariance	0.565096953
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1935.315789
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.053664732
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.057846019
wavelet-LHL	glcm	JointAverage	29.13586552
wavelet-LHL	glcm	SumAverage	58.27173105
wavelet-LHL	glcm	JointEntropy	3.692313882
wavelet-LHL	glcm	ClusterShade	-5871.328427
wavelet-LHL	glcm	MaximumProbability	0.107282995
wavelet-LHL	glcm	Idmn	0.851751397
wavelet-LHL	glcm	JointEnergy	0.084324626
wavelet-LHL	glcm	Contrast	534.1544983
wavelet-LHL	glcm	DifferenceEntropy	2.61526593
wavelet-LHL	glcm	InverseVariance	0.051317479
wavelet-LHL	glcm	DifferenceVariance	115.8483596
wavelet-LHL	glcm	Idn	0.755600991
wavelet-LHL	glcm	Idm	0.085796993
wavelet-LHL	glcm	Correlation	0.032466691
wavelet-LHL	glcm	Autocorrelation	853.5026751
wavelet-LHL	glcm	SumEntropy	2.661358726
wavelet-LHL	glcm	SumSquares	265.9341379
wavelet-LHL	glcm	ClusterProminence	712989.2874
wavelet-LHL	glcm	Imc2	0.997292445
wavelet-LHL	glcm	Imc1	-0.859592314
wavelet-LHL	glcm	DifferenceAverage	18.73105506
wavelet-LHL	glcm	Id	0.142489075
wavelet-LHL	glcm	ClusterTendency	529.5820532
wavelet-LHL	firstorder	InterquartileRange	628.780488
wavelet-LHL	firstorder	Skewness	-0.547459832
wavelet-LHL	firstorder	Uniformity	0.08033241
wavelet-LHL	firstorder	Median	133.711787
wavelet-LHL	firstorder	Energy	2985064.588
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	275.3580264
wavelet-LHL	firstorder	MeanAbsoluteDeviation	345.7919986
wavelet-LHL	firstorder	TotalEnergy	80596743.89
wavelet-LHL	firstorder	Maximum	511.3009429
wavelet-LHL	firstorder	RootMeanSquared	396.3693512
wavelet-LHL	firstorder	90Percentile	419.5523459
wavelet-LHL	firstorder	Minimum	-724.1576184
wavelet-LHL	firstorder	Entropy	3.787143961
wavelet-LHL	firstorder	Range	1235.458561
wavelet-LHL	firstorder	Variance	156964.3195
wavelet-LHL	firstorder	10Percentile	-590.2821581
wavelet-LHL	firstorder	Kurtosis	1.902476061
wavelet-LHL	firstorder	Mean	12.01428443
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.05843205
wavelet-LHL	glrlm	GrayLevelVariance	247.1487427
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.058710619
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.078875025
wavelet-LHL	glrlm	RunVariance	0.020180437
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.469185785

wavelet-LHL	glrlm	LongRunEmphasis	1.064102564
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1154.208671
wavelet-LHL	glrlm	RunLengthNonUniformity	17.88888889
wavelet-LHL	glrlm	ShortRunEmphasis	0.983974359
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1193.583671
wavelet-LHL	glrlm	RunPercentage	0.979757085
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.059824896
wavelet-LHL	glrlm	RunEntropy	3.825351305
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1162.083671
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.959639126
wavelet-LHL	glszm	GrayLevelVariance	208.1955556
wavelet-LHL	glszm	ZoneVariance	0.328888889
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.066666667
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.662222222
wavelet-LHL	glszm	SizeZoneNonUniformity	9.933333333
wavelet-LHL	glszm	GrayLevelNonUniformity	1
wavelet-LHL	glszm	LargeAreaEmphasis	1.933333333
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1173.216667
wavelet-LHL	glszm	ZonePercentage	0.789473684
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.084860101
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1781.8
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1292.8
wavelet-LHL	glszm	SmallAreaEmphasis	0.840740741
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.069329237
wavelet-LHL	glszm	ZoneEntropy	3.906890596
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.067504134
wavelet-LHL	ngtdm	Coarseness	0.046265405
wavelet-LHL	ngtdm	Complexity	4227.430946
wavelet-LHL	ngtdm	Strength	60.1783455
wavelet-LHL	ngtdm	Contrast	29.39769028
wavelet-LHL	ngtdm	Busyness	0.098153447
wavelet-LHH	gldm	GrayLevelVariance	71.74515235
wavelet-LHH	gldm	HighGrayLevelEmphasis	440.7894737
wavelet-LHH	gldm	DependenceEntropy	4.037401198
wavelet-LHH	gldm	DependenceNonUniformity	15.42105263
wavelet-LHH	gldm	GrayLevelNonUniformity	1.210526316
wavelet-LHH	gldm	SmallDependenceEmphasis	0.921052632
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	417.9736842
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.811634349
wavelet-LHH	gldm	LargeDependenceEmphasis	1.315789474
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.057998311
wavelet-LHH	gldm	DependenceVariance	0.094182825
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	532.0526316
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.05663244
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.056905614
wavelet-LHH	glcm	JointAverage	19.82460734
wavelet-LHH	glcm	SumAverage	39.64921467
wavelet-LHH	glcm	JointEntropy	3.736669527
wavelet-LHH	glcm	ClusterShade	-145.0365888
wavelet-LHH	glcm	MaximumProbability	0.085105173
wavelet-LHH	glcm	Idmn	0.897578341
wavelet-LHH	glcm	JointEnergy	0.080898442
wavelet-LHH	glcm	Contrast	169.2687784
wavelet-LHH	glcm	DifferenceEntropy	2.531932597

wavelet-LHH	glcm	InverseVariance	0.090606165
wavelet-LHH	glcm	DifferenceVariance	52.42902592
wavelet-LHH	glcm	Idn	0.790030562
wavelet-LHH	glcm	Idm	0.068325109
wavelet-LHH	glcm	Correlation	-0.29169229
wavelet-LHH	glcm	Autocorrelation	376.0965784
wavelet-LHH	glcm	SumEntropy	2.626132841
wavelet-LHH	glcm	SumSquares	64.88480523
wavelet-LHH	glcm	ClusterProminence	24355.81397
wavelet-LHH	glcm	Imc2	0.998892698
wavelet-LHH	glcm	Imc1	-0.92546826
wavelet-LHH	glcm	DifferenceAverage	10.46288434
wavelet-LHH	glcm	Id	0.151884732
wavelet-LHH	glcm	ClusterTendency	90.27044246
wavelet-LHH	firstorder	InterquartileRange	213.0585119
wavelet-LHH	firstorder	Skewness	-0.065727509
wavelet-LHH	firstorder	Uniformity	0.063711911
wavelet-LHH	firstorder	Median	29.70436985
wavelet-LHH	firstorder	Energy	890928.9149
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	105.3471968
wavelet-LHH	firstorder	MeanAbsoluteDeviation	163.3384535
wavelet-LHH	firstorder	TotalEnergy	24055080.7
wavelet-LHH	firstorder	Maximum	445.6055868
wavelet-LHH	firstorder	RootMeanSquared	216.5432879
wavelet-LHH	firstorder	90Percentile	354.457392
wavelet-LHH	firstorder	Minimum	-423.1586987
wavelet-LHH	firstorder	Entropy	4.037401198
wavelet-LHH	firstorder	Range	868.7642856
wavelet-LHH	firstorder	Variance	45218.06653
wavelet-LHH	firstorder	10Percentile	-208.3534999
wavelet-LHH	firstorder	Kurtosis	2.846808932
wavelet-LHH	firstorder	Mean	40.90145468
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.057122923
wavelet-LHH	glrlm	GrayLevelVariance	72.02971328
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.057134013
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.063559333
wavelet-LHH	glrlm	RunVariance	0.004036087
wavelet-LHH	glrlm	GrayLevelNonUniformity	1.202878992
wavelet-LHH	glrlm	LongRunEmphasis	1.012820513
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	440.5118646
wavelet-LHH	glrlm	RunLengthNonUniformity	18.77777778
wavelet-LHH	glrlm	ShortRunEmphasis	0.996794872
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	445.1432749
wavelet-LHH	glrlm	RunPercentage	0.995951417
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.057178375
wavelet-LHH	glrlm	RunEntropy	4.039048328
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	441.4381466
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.991927825
wavelet-LHH	glszm	GrayLevelVariance	75.44444444
wavelet-LHH	glszm	ZoneVariance	0.052469136
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.061728395
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.895061728
wavelet-LHH	glszm	SizeZoneNonUniformity	16.11111111
wavelet-LHH	glszm	GrayLevelNonUniformity	1.111111111

wavelet-LHH	glszm	LargeAreaEmphasis	1.166666667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	437.1805556
wavelet-LHH	glszm	ZonePercentage	0.947368421
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.060451504
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	497.3888889
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	449.2222222
wavelet-LHH	glszm	SmallAreaEmphasis	0.958333333
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.059874803
wavelet-LHH	glszm	ZoneEntropy	4.05881389
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.059730628
wavelet-LHH	ngtdm	Coarseness	0.107416472
wavelet-LHH	ngtdm	Complexity	1688.612479
wavelet-LHH	ngtdm	Strength	32.85810023
wavelet-LHH	ngtdm	Contrast	4.300080429
wavelet-LHH	ngtdm	Busyness	0.046893326
wavelet-LLH	gldm	GrayLevelVariance	363.7950139
wavelet-LLH	gldm	HighGrayLevelEmphasis	1783.894737
wavelet-LLH	gldm	DependenceEntropy	3.93213804
wavelet-LLH	gldm	DependenceNonUniformity	12.68421053
wavelet-LLH	gldm	GrayLevelNonUniformity	1.315789474
wavelet-LLH	gldm	SmallDependenceEmphasis	0.842105263
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1279.5
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.667590028
wavelet-LLH	gldm	LargeDependenceEmphasis	1.631578947
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.055202304
wavelet-LLH	gldm	DependenceVariance	0.166204986
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3801.473684
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.054954471
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.055004038
wavelet-LLH	glcm	JointAverage	38.16044789
wavelet-LLH	glcm	SumAverage	76.32089577
wavelet-LLH	glcm	JointEntropy	3.728122518
wavelet-LLH	glcm	ClusterShade	-12908.31052
wavelet-LLH	glcm	MaximumProbability	0.089378677
wavelet-LLH	glcm	Idmn	0.869159287
wavelet-LLH	glcm	JointEnergy	0.081373276
wavelet-LLH	glcm	Contrast	706.0650849
wavelet-LLH	glcm	DifferenceEntropy	2.397616535
wavelet-LLH	glcm	InverseVariance	0.052297774
wavelet-LLH	glcm	DifferenceVariance	221.7939368
wavelet-LLH	glcm	Idn	0.781988054
wavelet-LLH	glcm	Idm	0.054850301
wavelet-LLH	glcm	Correlation	0.116445196
wavelet-LLH	glcm	Autocorrelation	1494.452029
wavelet-LLH	glcm	SumEntropy	2.656175021
wavelet-LLH	glcm	SumSquares	389.4203067
wavelet-LLH	glcm	ClusterProminence	1651105.278
wavelet-LLH	glcm	Imc2	0.998449108
wavelet-LLH	glcm	Imc1	-0.92080297
wavelet-LLH	glcm	DifferenceAverage	20.08026973
wavelet-LLH	glcm	Id	0.123234597
wavelet-LLH	glcm	ClusterTendency	851.6161419
wavelet-LLH	firstorder	InterquartileRange	827.6049159
wavelet-LLH	firstorder	Skewness	-0.573412188

wavelet-LLH	firstorder	Uniformity	0.069252078
wavelet-LLH	firstorder	Median	180.0132496
wavelet-LLH	firstorder	Energy	4281624.385
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	343.7291876
wavelet-LLH	firstorder	MeanAbsoluteDeviation	426.2823862
wavelet-LLH	firstorder	TotalEnergy	115603858.4
wavelet-LLH	firstorder	Maximum	532.7012503
wavelet-LLH	firstorder	RootMeanSquared	474.7090181
wavelet-LLH	firstorder	90Percentile	484.4726697
wavelet-LLH	firstorder	Minimum	-930.199993
wavelet-LLH	firstorder	Entropy	3.93213804
wavelet-LLH	firstorder	Range	1462.901243
wavelet-LLH	firstorder	Variance	224883.9257
wavelet-LLH	firstorder	10Percentile	-699.4766756
wavelet-LLH	firstorder	Kurtosis	1.82847812
wavelet-LLH	firstorder	Mean	-21.55750805
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.055469462
wavelet-LLH	glrlm	GrayLevelVariance	363.6900355
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.055471474
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.069044256
wavelet-LLH	glrlm	RunVariance	0.008072175
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.301394512
wavelet-LLH	glrlm	LongRunEmphasis	1.025641026
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1751.360717
wavelet-LLH	glrlm	RunLengthNonUniformity	18.55555556
wavelet-LLH	glrlm	ShortRunEmphasis	0.993589744
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1853.748538
wavelet-LLH	glrlm	RunPercentage	0.991902834
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.055479524
wavelet-LLH	glrlm	RunEntropy	3.934532615
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1771.838282
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.983855651
wavelet-LLH	glszm	GrayLevelVariance	359.7785467
wavelet-LLH	glszm	ZoneVariance	0.103806228
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.065743945
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.792387543
wavelet-LLH	glszm	SizeZoneNonUniformity	13.47058824
wavelet-LLH	glszm	GrayLevelNonUniformity	1.117647059
wavelet-LLH	glszm	LargeAreaEmphasis	1.352941176
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1336.073529
wavelet-LLH	glszm	ZonePercentage	0.894736842
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.061548965
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2745.411765
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1617.941176
wavelet-LLH	glszm	SmallAreaEmphasis	0.911764706
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.061438169
wavelet-LLH	glszm	ZoneEntropy	3.969815782
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.06141047
wavelet-LLH	ngtdm	Coarseness	0.062973982
wavelet-LLH	ngtdm	Complexity	4972.577959
wavelet-LLH	ngtdm	Strength	99.81633843
wavelet-LLH	ngtdm	Contrast	38.20835393
wavelet-LLH	ngtdm	Busyness	0.031310908
wavelet-LLL	gldm	GrayLevelVariance	372.166205



wavelet-LLL	gldm	HighGrayLevelEmphasis	1346.263158
wavelet-LLL	gldm	DependenceEntropy	4.037401198
wavelet-LLL	gldm	DependenceNonUniformity	19
wavelet-LLL	gldm	GrayLevelNonUniformity	1.210526316
wavelet-LLL	gldm	SmallDependenceEmphasis	1
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1346.263158
wavelet-LLL	gldm	DependenceNonUniformityNormalized	1
wavelet-LLL	gldm	LargeDependenceEmphasis	1
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.060518665
wavelet-LLL	gldm	DependenceVariance	0
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1346.263158
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.060518665
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.060518665
wavelet-LLL	glcm	JointAverage	34.82398296
wavelet-LLL	glcm	SumAverage	69.64796592
wavelet-LLL	glcm	JointEntropy	3.746284911
wavelet-LLL	glcm	ClusterShade	-4035.57983
wavelet-LLL	glcm	MaximumProbability	0.08029748
wavelet-LLL	glcm	Idmn	0.869862994
wavelet-LLL	glcm	JointEnergy	0.08029748
wavelet-LLL	glcm	Contrast	661.5290793
wavelet-LLL	glcm	DifferenceEntropy	2.679190894
wavelet-LLL	glcm	InverseVariance	0.060395652
wavelet-LLL	glcm	DifferenceVariance	196.1231274
wavelet-LLL	glcm	Idn	0.764713389
wavelet-LLL	glcm	Idm	0.037209489
wavelet-LLL	glcm	Correlation	0.014350027
wavelet-LLL	glcm	Autocorrelation	1236.074007
wavelet-LLL	glcm	SumEntropy	2.732298897
wavelet-LLL	glcm	SumSquares	341.0892253
wavelet-LLL	glcm	ClusterProminence	1123956.881
wavelet-LLL	glcm	Imc2	0.999258912
wavelet-LLL	glcm	Imc1	-0.949777427
wavelet-LLL	glcm	DifferenceAverage	21.21662504
wavelet-LLL	glcm	Id	0.094042792
wavelet-LLL	glcm	ClusterTendency	702.8278221
wavelet-LLL	firstorder	InterquartileRange	889.1425691
wavelet-LLL	firstorder	Skewness	0.042602615
wavelet-LLL	firstorder	Uniformity	0.063711911
wavelet-LLL	firstorder	Median	-1343.247806
wavelet-LLL	firstorder	Energy	36945680.84
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	357.114553
wavelet-LLL	firstorder	MeanAbsoluteDeviation	433.0722845
wavelet-LLL	firstorder	TotalEnergy	997533382.6
wavelet-LLL	firstorder	Maximum	-573.8984004
wavelet-LLL	firstorder	RootMeanSquared	1394.456711
wavelet-LLL	firstorder	90Percentile	-670.4867428
wavelet-LLL	firstorder	Minimum	-2069.161137
wavelet-LLL	firstorder	Entropy	4.037401198
wavelet-LLL	firstorder	Range	1495.262736
wavelet-LLL	firstorder	Variance	233934.1185
wavelet-LLL	firstorder	10Percentile	-1878.127855
wavelet-LLL	firstorder	Kurtosis	1.580746042
wavelet-LLL	firstorder	Mean	-1307.889674

wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.060518665
wavelet-LLL	glrlm	GrayLevelVariance	372.166205
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.060518665
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.063711911
wavelet-LLL	glrlm	RunVariance	0
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.210526316
wavelet-LLL	glrlm	LongRunEmphasis	1
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1346.263158
wavelet-LLL	glrlm	RunLengthNonUniformity	19
wavelet-LLL	glrlm	ShortRunEmphasis	1
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1346.263158
wavelet-LLL	glrlm	RunPercentage	1
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.060518665
wavelet-LLL	glrlm	RunEntropy	4.037401198
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1346.263158
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	1
wavelet-LLL	glszm	GrayLevelVariance	372.166205
wavelet-LLL	glszm	ZoneVariance	0
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.063711911
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	1
wavelet-LLL	glszm	SizeZoneNonUniformity	19
wavelet-LLL	glszm	GrayLevelNonUniformity	1.210526316
wavelet-LLL	glszm	LargeAreaEmphasis	1
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1346.263158
wavelet-LLL	glszm	ZonePercentage	1
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.060518665
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1346.263158
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1346.263158
wavelet-LLL	glszm	SmallAreaEmphasis	1
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.060518665
wavelet-LLL	glszm	ZoneEntropy	4.037401198
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.060518665
wavelet-LLL	ngtdm	Coarseness	0.049585363
wavelet-LLL	ngtdm	Complexity	6766.237012
wavelet-LLL	ngtdm	Strength	82.00424645
wavelet-LLL	ngtdm	Contrast	45.02806767
wavelet-LLL	ngtdm	Busyness	0.049276954
wavelet-HHL	gldm	GrayLevelVariance	13.87811634
wavelet-HHL	gldm	HighGrayLevelEmphasis	119.2105263
wavelet-HHL	gldm	DependenceEntropy	3.576617645
wavelet-HHL	gldm	DependenceNonUniformity	9.736842105
wavelet-HHL	gldm	GrayLevelNonUniformity	2.368421053
wavelet-HHL	gldm	SmallDependenceEmphasis	0.684210526
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	75.15789474
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.512465374
wavelet-HHL	gldm	LargeDependenceEmphasis	2.263157895
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074444084
wavelet-HHL	gldm	DependenceVariance	0.243767313
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	295.4210526
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.060819192
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.063544171
wavelet-HHL	glcm	JointAverage	10.39126152
wavelet-HHL	glcm	SumAverage	20.78252303
wavelet-HHL	glcm	JointEntropy	3.599106211

wavelet-HHL	glcm	ClusterShade	-7.811132506
wavelet-HHL	glcm	MaximumProbability	0.104063992
wavelet-HHL	glcm	Idmn	0.911298018
wavelet-HHL	glcm	JointEnergy	0.088308719
wavelet-HHL	glcm	Contrast	33.06280386
wavelet-HHL	glcm	DifferenceEntropy	2.2889343
wavelet-HHL	glcm	InverseVariance	0.207622488
wavelet-HHL	glcm	DifferenceVariance	9.878618431
wavelet-HHL	glcm	Idn	0.8017147
wavelet-HHL	glcm	Idm	0.160646313
wavelet-HHL	glcm	Correlation	-0.191434698
wavelet-HHL	glcm	Autocorrelation	105.9831474
wavelet-HHL	glcm	SumEntropy	2.5059515
wavelet-HHL	glcm	SumSquares	13.67209039
wavelet-HHL	glcm	ClusterProminence	1248.137229
wavelet-HHL	glcm	Imc2	0.990647293
wavelet-HHL	glcm	Imc1	-0.736688882
wavelet-HHL	glcm	DifferenceAverage	4.667798868
wavelet-HHL	glcm	Id	0.260223682
wavelet-HHL	glcm	ClusterTendency	21.62555768
wavelet-HHL	firstorder	InterquartileRange	65.42128124
wavelet-HHL	firstorder	Skewness	-0.371727089
wavelet-HHL	firstorder	Uniformity	0.12465374
wavelet-HHL	firstorder	Median	-33.29378812
wavelet-HHL	firstorder	Energy	184907.5273
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	41.04868602
wavelet-HHL	firstorder	MeanAbsoluteDeviation	67.8471746
wavelet-HHL	firstorder	TotalEnergy	4992503.238
wavelet-HHL	firstorder	Maximum	131.925434
wavelet-HHL	firstorder	RootMeanSquared	98.65077355
wavelet-HHL	firstorder	90Percentile	113.7533158
wavelet-HHL	firstorder	Minimum	-257.8218584
wavelet-HHL	firstorder	Entropy	3.141635408
wavelet-HHL	firstorder	Range	389.7472924
wavelet-HHL	firstorder	Variance	8783.201394
wavelet-HHL	firstorder	10Percentile	-153.2854391
wavelet-HHL	firstorder	Kurtosis	3.319787241
wavelet-HHL	firstorder	Mean	-30.80217084
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.06437226
wavelet-HHL	glrlm	GrayLevelVariance	13.95692955
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.06448289
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.124760281
wavelet-HHL	glrlm	RunVariance	0.016144349
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.331983806
wavelet-HHL	glrlm	LongRunEmphasis	1.051282051
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	117.0752362
wavelet-HHL	glrlm	RunLengthNonUniformity	18.11111111
wavelet-HHL	glrlm	ShortRunEmphasis	0.987179487
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	126.0175439
wavelet-HHL	glrlm	RunPercentage	0.983805668
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.064925408
wavelet-HHL	glrlm	RunEntropy	3.168230763
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	118.8636977
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.967711301

wavelet-HHL	glszm	GrayLevelVariance	15.12888889
wavelet-HHL	glszm	ZoneVariance	0.195555556
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.12
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.608888889
wavelet-HHL	glszm	SizeZoneNonUniformity	9.133333333
wavelet-HHL	glszm	GrayLevelNonUniformity	1.8
wavelet-HHL	glszm	LargeAreaEmphasis	1.8
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	85.9
wavelet-HHL	glszm	ZonePercentage	0.789473684
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.085091469
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	225.4
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	113.8
wavelet-HHL	glszm	SmallAreaEmphasis	0.8
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.07818819
wavelet-HHL	glszm	ZoneEntropy	3.589898095
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.076462371
wavelet-HHL	ngtdm	Coarseness	0.181711334
wavelet-HHL	ngtdm	Complexity	181.0403679
wavelet-HHL	ngtdm	Strength	11.98606051
wavelet-HHL	ngtdm	Contrast	0.972612193
wavelet-HHL	ngtdm	Busyness	0.072915932
wavelet-HLH	gldm	GrayLevelVariance	27.92797784
wavelet-HLH	gldm	HighGrayLevelEmphasis	85.36842105
wavelet-HLH	gldm	DependenceEntropy	3.616348566
wavelet-HLH	gldm	DependenceNonUniformity	9.526315789
wavelet-HLH	gldm	GrayLevelNonUniformity	1.842105263
wavelet-HLH	gldm	SmallDependenceEmphasis	0.716374269
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	78.53216374
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.501385042
wavelet-HLH	gldm	LargeDependenceEmphasis	2.368421053
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.951031375
wavelet-HLH	gldm	DependenceVariance	0.349030471
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	112.9473684
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.06943751
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.198972657
wavelet-HLH	glcm	JointAverage	7.374286824
wavelet-HLH	glcm	SumAverage	14.74857365
wavelet-HLH	glcm	JointEntropy	3.628794069
wavelet-HLH	glcm	ClusterShade	72.17461485
wavelet-HLH	glcm	MaximumProbability	0.11239455
wavelet-HLH	glcm	Idmn	0.858034599
wavelet-HLH	glcm	JointEnergy	0.088200138
wavelet-HLH	glcm	Contrast	64.96849817
wavelet-HLH	glcm	DifferenceEntropy	2.405804546
wavelet-HLH	glcm	InverseVariance	0.137358603
wavelet-HLH	glcm	DifferenceVariance	12.91783216
wavelet-HLH	glcm	Idn	0.75303973
wavelet-HLH	glcm	Idm	0.129752729
wavelet-HLH	glcm	Correlation	-0.138071877
wavelet-HLH	glcm	Autocorrelation	50.83043068
wavelet-HLH	glcm	SumEntropy	2.465023521
wavelet-HLH	glcm	SumSquares	27.64213006
wavelet-HLH	glcm	ClusterProminence	5556.087865
wavelet-HLH	glcm	Imc2	0.995023517

wavelet-HLH	glcm	Imc1	-0.800163135
wavelet-HLH	glcm	DifferenceAverage	6.681795982
wavelet-HLH	glcm	Id	0.21959645
wavelet-HLH	glcm	ClusterTendency	45.60002205
wavelet-HLH	firstorder	InterquartileRange	203.1988976
wavelet-HLH	firstorder	Skewness	0.403560255
wavelet-HLH	firstorder	Uniformity	0.096952909
wavelet-HLH	firstorder	Median	14.92697228
wavelet-HLH	firstorder	Energy	341529.922
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	86.41450379
wavelet-HLH	firstorder	MeanAbsoluteDeviation	110.3023192
wavelet-HLH	firstorder	TotalEnergy	9221307.893
wavelet-HLH	firstorder	Maximum	277.1100677
wavelet-HLH	firstorder	RootMeanSquared	134.0718429
wavelet-HLH	firstorder	90Percentile	226.2801202
wavelet-HLH	firstorder	Minimum	-135.7063567
wavelet-HLH	firstorder	Entropy	3.471354487
wavelet-HLH	firstorder	Range	412.8164245
wavelet-HLH	firstorder	Variance	17164.36641
wavelet-HLH	firstorder	10Percentile	-127.4850208
wavelet-HLH	firstorder	Kurtosis	1.948733359
wavelet-HLH	firstorder	Mean	28.47617673
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.187056269
wavelet-HLH	glrlm	GrayLevelVariance	28.00213281
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.193620968
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.096560941
wavelet-HLH	glrlm	RunVariance	0.016144349
wavelet-HLH	glrlm	GrayLevelNonUniformity	1.805218174
wavelet-HLH	glrlm	LongRunEmphasis	1.051282051
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	86.17706928
wavelet-HLH	glrlm	RunLengthNonUniformity	18.11111111
wavelet-HLH	glrlm	ShortRunEmphasis	0.987179487
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	87.57130004
wavelet-HLH	glrlm	RunPercentage	0.983805668
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.219879762
wavelet-HLH	glrlm	RunEntropy	3.491813043
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	86.45591543
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.967711301
wavelet-HLH	glszm	GrayLevelVariance	28.37333333
wavelet-HLH	glszm	ZoneVariance	0.328888889
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.093333333
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.662222222
wavelet-HLH	glszm	SizeZoneNonUniformity	9.933333333
wavelet-HLH	glszm	GrayLevelNonUniformity	1.4
wavelet-HLH	glszm	LargeAreaEmphasis	1.933333333
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	98.02407407
wavelet-HLH	glszm	ZonePercentage	0.789473684
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.658456824
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	119.8666667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	102.3333333
wavelet-HLH	glszm	SmallAreaEmphasis	0.840740741
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.115486303
wavelet-HLH	glszm	ZoneEntropy	3.506890596
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.053817746

wavelet-HLH	ngtdm	Coarseness	0.121278179
wavelet-HLH	ngtdm	Complexity	414.1694409
wavelet-HLH	ngtdm	Strength	16.25702161
wavelet-HLH	ngtdm	Contrast	1.990736491
wavelet-HLH	ngtdm	Busyness	0.190126968

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	174
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original	shape	Maximum2DDiameterSlice	24.89755622
original	shape	Sphericity	0.701836135
original	shape	MinorAxis	21.32511311
original	shape	Elongation	0.907476489
original	shape	SurfaceVolumeRatio	0.41464188
original	shape	Volume	4589.080811
original	shape	MajorAxis	23.49935604
original	shape	SurfaceArea	1902.825093
original	shape	Flatness	0.64484956
original	shape	LeastAxis	15.15354941
original	shape	Maximum2DDiameterColumn	24.48697363
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original	gldm	GrayLevelVariance	151.9313135
original	gldm	HighGrayLevelEmphasis	973.1134663
original	gldm	DependenceEntropy	7.213264945
original	gldm	DependenceNonUniformity	530.6300914
original	gldm	GrayLevelNonUniformity	96.84206151
original	gldm	SmallDependenceEmphasis	0.445682095
original	gldm	SmallDependenceHighGrayLevelEmphasis	309.5413137
original	gldm	DependenceNonUniformityNormalized	0.22054451
original	gldm	LargeDependenceEmphasis	26.06566916
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.034716897
original	gldm	DependenceVariance	13.94045366
original	gldm	LargeDependenceHighGrayLevelEmphasis	43490.19493
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.002566802
original	gldm	LowGrayLevelEmphasis	0.005064605
original	glcm	JointAverage	30.62481889
original	glcm	SumAverage	61.24963778

original	glcm	JointEntropy	9.017882674
original	glcm	ClusterShade	-5678.725239
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original	glcm	Idn	0.880397863
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original	glcm	Correlation	0.656248818
original	glcm	Autocorrelation	1031.118546
original	glcm	SumEntropy	5.913524439
original	glcm	SumSquares	141.1017199
original	glcm	ClusterProminence	464556.9745
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original	glcm	DifferenceAverage	6.93391878
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original	glcm	ClusterTendency	468.0229676
original	firstorder	InterquartileRange	577
original	firstorder	Skewness	-0.394009649
original	firstorder	Uniformity	0.040250233
original	firstorder	Median	-244
original	firstorder	Energy	440089769
original	firstorder	RobustMeanAbsoluteDeviation	227.8031474
original	firstorder	MeanAbsoluteDeviation	272.9943864
original	firstorder	TotalEnergy	839404619.2
original	firstorder	Maximum	122
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original	firstorder	Minimum	-980
original	firstorder	Entropy	5.092174226
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original	firstorder	Mean	-296.6895262
original	glrlm	ShortRunLowGrayLevelEmphasis	0.005211369
original	glrlm	GrayLevelVariance	147.9141903
original	glrlm	LowGrayLevelRunEmphasis	0.005371403
original	glrlm	GrayLevelNonUniformityNormalized	0.032432479
original	glrlm	RunVariance	0.174554882
original	glrlm	GrayLevelNonUniformity	70.62634401
original	glrlm	LongRunEmphasis	1.398900496
original	glrlm	ShortRunHighGrayLevelEmphasis	819.5017878
original	glrlm	RunLengthNonUniformity	1857.288352
original	glrlm	ShortRunEmphasis	0.938023098
original	glrlm	LongRunHighGrayLevelEmphasis	1546.695578
original	glrlm	RunPercentage	0.904533538
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original	glrlm	RunEntropy	5.573832641
original	glrlm	HighGrayLevelRunEmphasis	911.9740323
original	glrlm	RunLengthNonUniformityNormalized	0.852840089



original	glszm	GrayLevelVariance	113.9172818
original	glszm	ZoneVariance	107.1363084
original	glszm	GrayLevelNonUniformityNormalized	0.026694509
original	glszm	SizeZoneNonUniformityNormalized	0.54139577
original	glszm	SizeZoneNonUniformity	659.9614438
original	glszm	GrayLevelNonUniformity	32.54060705
original	glszm	LargeAreaEmphasis	111.0319934
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.082511362
original	glszm	LargeAreaHighGrayLevelEmphasis	194802.0582
original	glszm	HighGrayLevelZoneEmphasis	681.7169811
original	glszm	SmallAreaEmphasis	0.764089348
original	glszm	LowGrayLevelZoneEmphasis	0.006226272
original	glszm	ZoneEntropy	6.499786992
original	glszm	SmallAreaLowGrayLevelEmphasis	0.004352921
original	ngtdm	Coarseness	0.00296517
original	ngtdm	Complexity	3610.825387
original	ngtdm	Strength	2.896082285
original	ngtdm	Contrast	0.698907739
original	ngtdm	Busyness	0.236664262
wavelet-HHH	gldm	GrayLevelVariance	1.100282682
wavelet-HHH	gldm	HighGrayLevelEmphasis	31.24522028
wavelet-HHH	gldm	DependenceEntropy	5.479522621
wavelet-HHH	gldm	DependenceNonUniformity	166.6317539
wavelet-HHH	gldm	GrayLevelNonUniformity	683.1429759
wavelet-HHH	gldm	SmallDependenceEmphasis	0.097566731
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	3.308579953
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.069256756
wavelet-HHH	gldm	LargeDependenceEmphasis	71.87780549
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	2.465403393
wavelet-HHH	gldm	DependenceVariance	16.11924608
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2205.083957
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005516983
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.038364288
wavelet-HHH	glcm	JointAverage	5.493539949
wavelet-HHH	glcm	SumAverage	10.9870799
wavelet-HHH	glcm	JointEntropy	4.119958331
wavelet-HHH	glcm	ClusterShade	-0.081650309
wavelet-HHH	glcm	MaximumProbability	0.143384718
wavelet-HHH	glcm	Idmn	0.975705924
wavelet-HHH	glcm	JointEnergy	0.088156293
wavelet-HHH	glcm	Contrast	2.153770523
wavelet-HHH	glcm	DifferenceEntropy	1.885636391
wavelet-HHH	glcm	InverseVariance	0.482759184
wavelet-HHH	glcm	DifferenceVariance	0.996529869
wavelet-HHH	glcm	Idn	0.901595939
wavelet-HHH	glcm	Idm	0.565220203
wavelet-HHH	glcm	Correlation	-0.012704218
wavelet-HHH	glcm	Autocorrelation	30.16546701
wavelet-HHH	glcm	SumEntropy	2.559906528
wavelet-HHH	glcm	SumSquares	1.063335002
wavelet-HHH	glcm	ClusterProminence	16.8489253
wavelet-HHH	glcm	Imc2	0.234582154
wavelet-HHH	glcm	Imc1	-0.014768109

wavelet-HHH	glcm	DifferenceAverage	1.073499195
wavelet-HHH	glcm	Id	0.601292504
wavelet-HHH	glcm	ClusterTendency	2.099569484
wavelet-HHH	firstorder	InterquartileRange	29.34299156
wavelet-HHH	firstorder	Skewness	-0.001880462
wavelet-HHH	firstorder	Uniformity	0.283933074
wavelet-HHH	firstorder	Median	-0.302204311
wavelet-HHH	firstorder	Energy	1501603.468
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	12.29797493
wavelet-HHH	firstorder	MeanAbsoluteDeviation	18.91409774
wavelet-HHH	firstorder	TotalEnergy	2864081.322
wavelet-HHH	firstorder	Maximum	97.78068712
wavelet-HHH	firstorder	RootMeanSquared	24.98215047
wavelet-HHH	firstorder	90Percentile	30.52071417
wavelet-HHH	firstorder	Minimum	-101.0719841
wavelet-HHH	firstorder	Entropy	2.10185441
wavelet-HHH	firstorder	Range	198.8526713
wavelet-HHH	firstorder	Variance	624.0778165
wavelet-HHH	firstorder	10Percentile	-31.31392685
wavelet-HHH	firstorder	Kurtosis	3.838844111
wavelet-HHH	firstorder	Mean	-0.173279166
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.033021088
wavelet-HHH	glrlm	GrayLevelVariance	1.309576121
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.039557981
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.253724258
wavelet-HHH	glrlm	RunVariance	0.495448217
wavelet-HHH	glrlm	GrayLevelNonUniformity	458.7160094
wavelet-HHH	glrlm	LongRunEmphasis	2.272246037
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	25.69089737
wavelet-HHH	glrlm	RunLengthNonUniformity	1117.137024
wavelet-HHH	glrlm	ShortRunEmphasis	0.81351745
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	70.54697352
wavelet-HHH	glrlm	RunPercentage	0.751262868
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.083519847
wavelet-HHH	glrlm	RunEntropy	3.235352059
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	31.41802143
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.61716212
wavelet-HHH	glszm	GrayLevelVariance	4.830357143
wavelet-HHH	glszm	ZoneVariance	7696.036339
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.190805914
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.482663474
wavelet-HHH	glszm	SizeZoneNonUniformity	94.60204082
wavelet-HHH	glszm	GrayLevelNonUniformity	37.39795918
wavelet-HHH	glszm	LargeAreaEmphasis	7846.72449
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	25.71753703
wavelet-HHH	glszm	ZonePercentage	0.081463009
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	267.9230106
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	240314.7551
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	34.68877551
wavelet-HHH	glszm	SmallAreaEmphasis	0.721219399
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.063127784
wavelet-HHH	glszm	ZoneEntropy	4.059339312
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.04775738
wavelet-HHH	ngtdm	Coarseness	0.00242001
wavelet-HHH	ngtdm	Complexity	29.70478808

wavelet-HHH	ngtdm	Strength	0.069719692
wavelet-HHH	ngtdm	Contrast	0.026261476
wavelet-HHH	ngtdm	Busyness	6.534497891
wavelet-HLL	gldm	GrayLevelVariance	95.30402312
wavelet-HLL	gldm	HighGrayLevelEmphasis	1427.341646
wavelet-HLL	gldm	DependenceEntropy	7.223370796
wavelet-HLL	gldm	DependenceNonUniformity	657.840399
wavelet-HLL	gldm	GrayLevelNonUniformity	79.3433084
wavelet-HLL	gldm	SmallDependenceEmphasis	0.487889256
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	710.636528
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.273416625
wavelet-HLL	gldm	LargeDependenceEmphasis	9.00166251
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008049515
wavelet-HLL	gldm	DependenceVariance	3.444140411
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	12730.10474
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001034084
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.001543668
wavelet-HLL	glcm	JointAverage	36.54464377
wavelet-HLL	glcm	SumAverage	73.08928754
wavelet-HLL	glcm	JointEntropy	9.662682497
wavelet-HLL	glcm	ClusterShade	-430.7045778
wavelet-HLL	glcm	MaximumProbability	0.013397878
wavelet-HLL	glcm	Idmn	0.975050062
wavelet-HLL	glcm	JointEnergy	0.002220602
wavelet-HLL	glcm	Contrast	135.0423767
wavelet-HLL	glcm	DifferenceEntropy	4.43370997
wavelet-HLL	glcm	InverseVariance	0.163146566
wavelet-HLL	glcm	DifferenceVariance	63.37979198
wavelet-HLL	glcm	Idn	0.903241771
wavelet-HLL	glcm	Idm	0.161014677
wavelet-HLL	glcm	Correlation	0.245727195
wavelet-HLL	glcm	Autocorrelation	1358.594191
wavelet-HLL	glcm	SumEntropy	5.849408651
wavelet-HLL	glcm	SumSquares	90.5975551
wavelet-HLL	glcm	ClusterProminence	198681.5326
wavelet-HLL	glcm	Imc2	0.871874958
wavelet-HLL	glcm	Imc1	-0.145595096
wavelet-HLL	glcm	DifferenceAverage	8.151718374
wavelet-HLL	glcm	Id	0.242031005
wavelet-HLL	glcm	ClusterTendency	227.3478437
wavelet-HLL	firstorder	InterquartileRange	285.8404055
wavelet-HLL	firstorder	Skewness	-0.16172176
wavelet-HLL	firstorder	Uniformity	0.032977269
wavelet-HLL	firstorder	Median	-36.16769437
wavelet-HLL	firstorder	Energy	149191676.6
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	121.508279
wavelet-HLL	firstorder	MeanAbsoluteDeviation	185.6001602
wavelet-HLL	firstorder	TotalEnergy	284560540.4
wavelet-HLL	firstorder	Maximum	755.6396239
wavelet-HLL	firstorder	RootMeanSquared	249.0144135
wavelet-HLL	firstorder	90Percentile	264.2781329
wavelet-HLL	firstorder	Minimum	-941.0861014
wavelet-HLL	firstorder	Entropy	5.266519129
wavelet-HLL	firstorder	Range	1696.725725
wavelet-HLL	firstorder	Variance	59493.06356

wavelet-HLL	firstorder	10Percentile	-364.7043849
wavelet-HLL	firstorder	Kurtosis	3.406248728
wavelet-HLL	firstorder	Mean	-50.15091816
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001546229
wavelet-HLL	glrlm	GrayLevelVariance	98.21799127
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.001580192
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.031558721
wavelet-HLL	glrlm	RunVariance	0.069895622
wavelet-HLL	glrlm	GrayLevelNonUniformity	71.98636233
wavelet-HLL	glrlm	LongRunEmphasis	1.185462096
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1376.650813
wavelet-HLL	glrlm	RunLengthNonUniformity	2071.521217
wavelet-HLL	glrlm	ShortRunEmphasis	0.962563353
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1688.883365
wavelet-HLL	glrlm	RunPercentage	0.947790779
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.001742324
wavelet-HLL	glrlm	RunEntropy	5.56387788
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1428.930002
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.907402452
wavelet-HLL	glszm	GrayLevelVariance	125.5422977
wavelet-HLL	glszm	ZoneVariance	13.32851526
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.025157202
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.512779627
wavelet-HLL	glszm	SizeZoneNonUniformity	693.7908352
wavelet-HLL	glszm	GrayLevelNonUniformity	34.03769401
wavelet-HLL	glszm	LargeAreaEmphasis	16.49076127
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1090.20465
wavelet-HLL	glszm	ZonePercentage	0.56234414
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013476169
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	23765.54028
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1451.675536
wavelet-HLL	glszm	SmallAreaEmphasis	0.744159661
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.002001564
wavelet-HLL	glszm	ZoneEntropy	6.827556126
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001709786
wavelet-HLL	ngtdm	Coarseness	0.00330663
wavelet-HLL	ngtdm	Complexity	8902.151201
wavelet-HLL	ngtdm	Strength	3.987402213
wavelet-HLL	ngtdm	Contrast	0.28018113
wavelet-HLL	ngtdm	Busyness	0.11745294
wavelet-LHL	gldm	GrayLevelVariance	20.12084588
wavelet-LHL	gldm	HighGrayLevelEmphasis	458.3844555
wavelet-LHL	gldm	DependenceEntropy	6.776386434
wavelet-LHL	gldm	DependenceNonUniformity	391.6009975
wavelet-LHL	gldm	GrayLevelNonUniformity	172.364921
wavelet-LHL	gldm	SmallDependenceEmphasis	0.305924975
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	143.0638939
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.162760182
wavelet-LHL	gldm	LargeDependenceEmphasis	17.61180382
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.042295638
wavelet-LHL	gldm	DependenceVariance	6.007672009
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7975.086866
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001547338
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.003326239
wavelet-LHL	glcm	JointAverage	20.8263515

wavelet-LHL	glcm	SumAverage	41.65270299
wavelet-LHL	glcm	JointEntropy	7.88323186
wavelet-LHL	glcm	ClusterShade	-23.3482391
wavelet-LHL	glcm	MaximumProbability	0.029357383
wavelet-LHL	glcm	Idmn	0.98189584
wavelet-LHL	glcm	JointEnergy	0.00757458
wavelet-LHL	glcm	Contrast	25.45583049
wavelet-LHL	glcm	DifferenceEntropy	3.389048408
wavelet-LHL	glcm	InverseVariance	0.262956615
wavelet-LHL	glcm	DifferenceVariance	11.33118896
wavelet-LHL	glcm	Idn	0.91321757
wavelet-LHL	glcm	Idm	0.268941262
wavelet-LHL	glcm	Correlation	0.326013945
wavelet-LHL	glcm	Autocorrelation	439.9530613
wavelet-LHL	glcm	SumEntropy	4.80634737
wavelet-LHL	glcm	SumSquares	18.94320762
wavelet-LHL	glcm	ClusterProminence	9662.265477
wavelet-LHL	glcm	Imc2	0.65903098
wavelet-LHL	glcm	Imc1	-0.079618592
wavelet-LHL	glcm	DifferenceAverage	3.687297756
wavelet-LHL	glcm	Id	0.354444285
wavelet-LHL	glcm	ClusterTendency	50.31699999
wavelet-LHL	firstorder	InterquartileRange	121.9118404
wavelet-LHL	firstorder	Skewness	-0.210442807
wavelet-LHL	firstorder	Uniformity	0.071639618
wavelet-LHL	firstorder	Median	-9.741031722
wavelet-LHL	firstorder	Energy	30499478.18
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	53.44906755
wavelet-LHL	firstorder	MeanAbsoluteDeviation	83.63521594
wavelet-LHL	firstorder	TotalEnergy	58173138.01
wavelet-LHL	firstorder	Maximum	365.6875195
wavelet-LHL	firstorder	RootMeanSquared	112.5896303
wavelet-LHL	firstorder	90Percentile	129.4507513
wavelet-LHL	firstorder	Minimum	-511.624249
wavelet-LHL	firstorder	Entropy	4.15804634
wavelet-LHL	firstorder	Range	877.3117685
wavelet-LHL	firstorder	Variance	12475.5435
wavelet-LHL	firstorder	10Percentile	-153.8463724
wavelet-LHL	firstorder	Kurtosis	3.825315948
wavelet-LHL	firstorder	Mean	-14.17326178
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003255416
wavelet-LHL	glrlm	GrayLevelVariance	21.27851535
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.003419477
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.067723345
wavelet-LHL	glrlm	RunVariance	0.134443809
wavelet-LHL	glrlm	GrayLevelNonUniformity	147.912298
wavelet-LHL	glrlm	LongRunEmphasis	1.352566227
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	428.3094145
wavelet-LHL	glrlm	RunLengthNonUniformity	1835.450896
wavelet-LHL	glrlm	ShortRunEmphasis	0.932684938
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	618.4977693
wavelet-LHL	glrlm	RunPercentage	0.907442931
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.004268758
wavelet-LHL	glrlm	RunEntropy	4.657209731
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	458.8872443

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.839516903
wavelet-LHL	glszm	GrayLevelVariance	34.58292077
wavelet-LHL	glszm	ZoneVariance	101.308055
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.047912888
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.41016351
wavelet-LHL	glszm	SizeZoneNonUniformity	346.5881657
wavelet-LHL	glszm	GrayLevelNonUniformity	40.48639053
wavelet-LHL	glszm	LargeAreaEmphasis	109.4153846
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	313.5590667
wavelet-LHL	glszm	ZonePercentage	0.35120532
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.251745908
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	49011.70769
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	467.912426
wavelet-LHL	glszm	SmallAreaEmphasis	0.664556652
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004822593
wavelet-LHL	glszm	ZoneEntropy	6.316969734
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003847111
wavelet-LHL	ngtdm	Coarseness	0.003547593
wavelet-LHL	ngtdm	Complexity	1299.826045
wavelet-LHL	ngtdm	Strength	1.538706716
wavelet-LHL	ngtdm	Contrast	0.084123846
wavelet-LHL	ngtdm	Busyness	0.30389779
wavelet-LHH	gldm	GrayLevelVariance	2.772819959
wavelet-LHH	gldm	HighGrayLevelEmphasis	59.46633416
wavelet-LHH	gldm	DependenceEntropy	6.033076472
wavelet-LHH	gldm	DependenceNonUniformity	205.3990025
wavelet-LHH	gldm	GrayLevelNonUniformity	450.1122195
wavelet-LHH	gldm	SmallDependenceEmphasis	0.150565585
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	9.501663329
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.085369494
wavelet-LHH	gldm	LargeDependenceEmphasis	49.93017456
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.934139764
wavelet-LHH	gldm	DependenceVariance	15.05835163
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2828.214464
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005076601
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.022116454
wavelet-LHH	glcm	JointAverage	7.52354192
wavelet-LHH	glcm	SumAverage	15.04708384
wavelet-LHH	glcm	JointEntropy	5.301916826
wavelet-LHH	glcm	ClusterShade	-0.037718265
wavelet-LHH	glcm	MaximumProbability	0.094397033
wavelet-LHH	glcm	Idmn	0.977677737
wavelet-LHH	glcm	JointEnergy	0.043721333
wavelet-LHH	glcm	Contrast	4.810242098
wavelet-LHH	glcm	DifferenceEntropy	2.352068206
wavelet-LHH	glcm	InverseVariance	0.424690262
wavelet-LHH	glcm	DifferenceVariance	2.24096848
wavelet-LHH	glcm	Idn	0.905500591
wavelet-LHH	glcm	Idm	0.467101435
wavelet-LHH	glcm	Correlation	0.071684283
wavelet-LHH	glcm	Autocorrelation	56.79206808
wavelet-LHH	glcm	SumEntropy	3.233581087
wavelet-LHH	glcm	SumSquares	2.593470975
wavelet-LHH	glcm	ClusterProminence	132.9079519
wavelet-LHH	glcm	Imc2	0.365971766

wavelet-LHH	glcm	Imc1	-0.032674496
wavelet-LHH	glcm	DifferenceAverage	1.591749011
wavelet-LHH	glcm	Id	0.522836724
wavelet-LHH	glcm	ClusterTendency	5.563641801
wavelet-LHH	firstorder	InterquartileRange	45.03616825
wavelet-LHH	firstorder	Skewness	-0.005568454
wavelet-LHH	firstorder	Uniformity	0.18707906
wavelet-LHH	firstorder	Median	0.626283223
wavelet-LHH	firstorder	Energy	4022232.444
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	19.25083317
wavelet-LHH	firstorder	MeanAbsoluteDeviation	30.38629124
wavelet-LHH	firstorder	TotalEnergy	7671799.553
wavelet-LHH	firstorder	Maximum	167.1714645
wavelet-LHH	firstorder	RootMeanSquared	40.88704939
wavelet-LHH	firstorder	90Percentile	52.09464166
wavelet-LHH	firstorder	Minimum	-169.6103405
wavelet-LHH	firstorder	Entropy	2.750773567
wavelet-LHH	firstorder	Range	336.781805
wavelet-LHH	firstorder	Variance	1671.146956
wavelet-LHH	firstorder	10Percentile	-48.89881909
wavelet-LHH	firstorder	Kurtosis	4.058377061
wavelet-LHH	firstorder	Mean	0.777079024
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020217068
wavelet-LHH	glrlm	GrayLevelVariance	3.170096095
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.022843847
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.167995632
wavelet-LHH	glrlm	RunVariance	0.348139972
wavelet-LHH	glrlm	GrayLevelNonUniformity	327.9813121
wavelet-LHH	glrlm	LongRunEmphasis	1.873215876
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	52.11479888
wavelet-LHH	glrlm	RunLengthNonUniformity	1374.611713
wavelet-LHH	glrlm	ShortRunEmphasis	0.863479772
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	109.9776078
wavelet-LHH	glrlm	RunPercentage	0.811337042
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.039294044
wavelet-LHH	glrlm	RunEntropy	3.656237949
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	59.96061387
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.702846404
wavelet-LHH	glszm	GrayLevelVariance	8.258981803
wavelet-LHH	glszm	ZoneVariance	2181.244155
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.113958824
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.376103468
wavelet-LHH	glszm	SizeZoneNonUniformity	138.0299728
wavelet-LHH	glszm	GrayLevelNonUniformity	41.82288828
wavelet-LHH	glszm	LargeAreaEmphasis	2224.223433
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	40.61357618
wavelet-LHH	glszm	ZonePercentage	0.152535328
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	39.80917387
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	127702.5504
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	63.22888283
wavelet-LHH	glszm	SmallAreaEmphasis	0.636247873
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.035581939
wavelet-LHH	glszm	ZoneEntropy	5.266628482
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.025633631
wavelet-LHH	ngtdm	Coarseness	0.002953832

wavelet-LHH	ngtdm	Complexity	98.14732137
wavelet-LHH	ngtdm	Strength	0.18408509
wavelet-LHH	ngtdm	Contrast	0.036645348
wavelet-LHH	ngtdm	Busyness	2.483581372
wavelet-LLH	gldm	GrayLevelVariance	40.09724166
wavelet-LLH	gldm	HighGrayLevelEmphasis	666.5527847
wavelet-LLH	gldm	DependenceEntropy	7.03794483
wavelet-LLH	gldm	DependenceNonUniformity	454.3848712
wavelet-LLH	gldm	GrayLevelNonUniformity	131.0207814
wavelet-LLH	gldm	SmallDependenceEmphasis	0.361751011
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	252.3402469
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.188854892
wavelet-LLH	gldm	LargeDependenceEmphasis	18.44389027
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031377568
wavelet-LLH	gldm	DependenceVariance	7.934005386
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	12000.95428
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001422274
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00268545
wavelet-LLH	glcm	JointAverage	24.84079144
wavelet-LLH	glcm	SumAverage	49.68158289
wavelet-LLH	glcm	JointEntropy	8.579288467
wavelet-LLH	glcm	ClusterShade	33.53427706
wavelet-LLH	glcm	MaximumProbability	0.030112625
wavelet-LLH	glcm	Idmn	0.981664723
wavelet-LLH	glcm	JointEnergy	0.005957977
wavelet-LLH	glcm	Contrast	48.28095207
wavelet-LLH	glcm	DifferenceEntropy	3.785846783
wavelet-LLH	glcm	InverseVariance	0.235023883
wavelet-LLH	glcm	DifferenceVariance	23.32431757
wavelet-LLH	glcm	Idn	0.916037559
wavelet-LLH	glcm	Idm	0.24327343
wavelet-LLH	glcm	Correlation	0.353760353
wavelet-LLH	glcm	Autocorrelation	630.4514255
wavelet-LLH	glcm	SumEntropy	5.259769247
wavelet-LLH	glcm	SumSquares	37.52053666
wavelet-LLH	glcm	ClusterProminence	43720.45479
wavelet-LLH	glcm	Imc2	0.784011867
wavelet-LLH	glcm	Imc1	-0.114602797
wavelet-LLH	glcm	DifferenceAverage	4.888192053
wavelet-LLH	glcm	Id	0.32487087
wavelet-LLH	glcm	ClusterTendency	101.8011946
wavelet-LLH	firstorder	InterquartileRange	165.5761385
wavelet-LLH	firstorder	Skewness	-0.036844413
wavelet-LLH	firstorder	Uniformity	0.054455853
wavelet-LLH	firstorder	Median	-9.374448084
wavelet-LLH	firstorder	Energy	60692654.77
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	70.67855852
wavelet-LLH	firstorder	MeanAbsoluteDeviation	115.4067047
wavelet-LLH	firstorder	TotalEnergy	115762052.1
wavelet-LLH	firstorder	Maximum	596.5112641
wavelet-LLH	firstorder	RootMeanSquared	158.825509
wavelet-LLH	firstorder	90Percentile	183.6929236
wavelet-LLH	firstorder	Minimum	-618.1497124
wavelet-LLH	firstorder	Entropy	4.622840532
wavelet-LLH	firstorder	Range	1214.660977



wavelet-LLH	firstorder	Variance	25085.65541
wavelet-LLH	firstorder	10Percentile	-206.6078565
wavelet-LLH	firstorder	Kurtosis	4.026761632
wavelet-LLH	firstorder	Mean	-11.82737859
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002663434
wavelet-LLH	glrlm	GrayLevelVariance	42.53132995
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002773079
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.050218773
wavelet-LLH	glrlm	RunVariance	0.130073765
wavelet-LLH	glrlm	GrayLevelNonUniformity	110.4438325
wavelet-LLH	glrlm	LongRunEmphasis	1.330656873
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	628.9405276
wavelet-LLH	glrlm	RunLengthNonUniformity	1879.341572
wavelet-LLH	glrlm	ShortRunEmphasis	0.939017822
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	882.5749177
wavelet-LLH	glrlm	RunPercentage	0.913773259
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003347704
wavelet-LLH	glrlm	RunEntropy	5.090563168
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	668.3932081
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.85383806
wavelet-LLH	glszm	GrayLevelVariance	64.24393768
wavelet-LLH	glszm	ZoneVariance	73.68471322
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.035734391
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.43096687
wavelet-LLH	glszm	SizeZoneNonUniformity	440.4481409
wavelet-LLH	glszm	GrayLevelNonUniformity	36.52054795
wavelet-LLH	glszm	LargeAreaEmphasis	79.22700587
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	485.0968436
wavelet-LLH	glszm	ZonePercentage	0.424771405
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.128417688
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	50756.33464
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	698.6232877
wavelet-LLH	glszm	SmallAreaEmphasis	0.682165091
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003723976
wavelet-LLH	glszm	ZoneEntropy	6.624507482
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002980997
wavelet-LLH	ngtdm	Coarseness	0.003633828
wavelet-LLH	ngtdm	Complexity	3010.644264
wavelet-LLH	ngtdm	Strength	2.612953288
wavelet-LLH	ngtdm	Contrast	0.125927074
wavelet-LLH	ngtdm	Busyness	0.187882358
wavelet-LLL	gldm	GrayLevelVariance	1038.839041
wavelet-LLL	gldm	HighGrayLevelEmphasis	6893.823774
wavelet-LLL	gldm	DependenceEntropy	7.870986094
wavelet-LLL	gldm	DependenceNonUniformity	1039.643392
wavelet-LLL	gldm	GrayLevelNonUniformity	29.04239401
wavelet-LLL	gldm	SmallDependenceEmphasis	0.681373856
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3837.550122
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.432104485
wavelet-LLL	gldm	LargeDependenceEmphasis	5.690773067
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002061217
wavelet-LLL	gldm	DependenceVariance	2.334232305
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	64296.54115
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00109888
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001230112

wavelet-LLL	glcm	JointAverage	81.99540038
wavelet-LLL	glcm	SumAverage	163.9908008
wavelet-LLL	glcm	JointEntropy	10.94217871
wavelet-LLL	glcm	ClusterShade	-89037.11196
wavelet-LLL	glcm	MaximumProbability	0.007922917
wavelet-LLL	glcm	Idmn	0.970002498
wavelet-LLL	glcm	JointEnergy	0.000972063
wavelet-LLL	glcm	Contrast	510.7100168
wavelet-LLL	glcm	DifferenceEntropy	5.435045005
wavelet-LLL	glcm	InverseVariance	0.103004106
wavelet-LLL	glcm	DifferenceVariance	215.9473393
wavelet-LLL	glcm	Idn	0.889615357
wavelet-LLL	glcm	Idm	0.100768972
wavelet-LLL	glcm	Correlation	0.735734538
wavelet-LLL	glcm	Autocorrelation	7442.199568
wavelet-LLL	glcm	SumEntropy	7.438019901
wavelet-LLL	glcm	SumSquares	971.4658003
wavelet-LLL	glcm	ClusterProminence	23846265.36
wavelet-LLL	glcm	Imc2	0.992658282
wavelet-LLL	glcm	Imc1	-0.324318004
wavelet-LLL	glcm	DifferenceAverage	16.85425732
wavelet-LLL	glcm	Id	0.163318016
wavelet-LLL	glcm	ClusterTendency	3375.153184
wavelet-LLL	firstorder	InterquartileRange	1454.510331
wavelet-LLL	firstorder	Skewness	-0.278770041
wavelet-LLL	firstorder	Uniformity	0.01207082
wavelet-LLL	firstorder	Median	-782.782018
wavelet-LLL	firstorder	Energy	3298210637
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	572.9392671
wavelet-LLL	firstorder	MeanAbsoluteDeviation	702.8437369
wavelet-LLL	firstorder	TotalEnergy	6290837549
wavelet-LLL	firstorder	Maximum	348.3104611
wavelet-LLL	firstorder	RootMeanSquared	1170.82337
wavelet-LLL	firstorder	90Percentile	146.4988577
wavelet-LLL	firstorder	Minimum	-2726.752123
wavelet-LLL	firstorder	Entropy	6.65769637
wavelet-LLL	firstorder	Range	3075.062584
wavelet-LLL	firstorder	Variance	649142.2894
wavelet-LLL	firstorder	10Percentile	-1982.420643
wavelet-LLL	firstorder	Kurtosis	1.860594231
wavelet-LLL	firstorder	Mean	-849.5204966
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001256093
wavelet-LLL	glrlm	GrayLevelVariance	1026.126559
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001262347
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.011405249
wavelet-LLL	glrlm	RunVariance	0.041764017
wavelet-LLL	glrlm	GrayLevelNonUniformity	26.56588358
wavelet-LLL	glrlm	LongRunEmphasis	1.109388165
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	6499.034201
wavelet-LLL	glrlm	RunLengthNonUniformity	2196.761255
wavelet-LLL	glrlm	ShortRunEmphasis	0.977535798
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	8003.014559
wavelet-LLL	glrlm	RunPercentage	0.967996675
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.0012889
wavelet-LLL	glrlm	RunEntropy	6.831811529

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	6747.88997
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.943031884
wavelet-LLL	glszm	GrayLevelVariance	890.3252274
wavelet-LLL	glszm	ZoneVariance	7.563967459
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.009659411
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.726420866
wavelet-LLL	glszm	SizeZoneNonUniformity	1277.774304
wavelet-LLL	glszm	GrayLevelNonUniformity	16.99090392
wavelet-LLL	glszm	LargeAreaEmphasis	9.434906197
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4783.760246
wavelet-LLL	glszm	ZonePercentage	0.731088944
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.002529774
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	115086.0352
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5687.876066
wavelet-LLL	glszm	SmallAreaEmphasis	0.876110524
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001551713
wavelet-LLL	glszm	ZoneEntropy	7.420211091
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001473841
wavelet-LLL	ngtdm	Coarseness	0.004253686
wavelet-LLL	ngtdm	Complexity	55499.26074
wavelet-LLL	ngtdm	Strength	27.00952718
wavelet-LLL	ngtdm	Contrast	1.308286818
wavelet-LLL	ngtdm	Busyness	0.024755374
wavelet-HHL	gldm	GrayLevelVariance	5.862298569
wavelet-HHL	gldm	HighGrayLevelEmphasis	163.4451372
wavelet-HHL	gldm	DependenceEntropy	6.158527052
wavelet-HHL	gldm	DependenceNonUniformity	290.5444722
wavelet-HHL	gldm	GrayLevelNonUniformity	315.0872818
wavelet-HHL	gldm	SmallDependenceEmphasis	0.221061612
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	37.14573877
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.120758301
wavelet-HHL	gldm	LargeDependenceEmphasis	28.3358271
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.186463352
wavelet-HHL	gldm	DependenceVariance	9.152446537
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4499.916459
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00253302
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007878402
wavelet-HHL	glcm	JointAverage	12.55149464
wavelet-HHL	glcm	SumAverage	25.10298929
wavelet-HHL	glcm	JointEntropy	6.340581896
wavelet-HHL	glcm	ClusterShade	0.858421905
wavelet-HHL	glcm	MaximumProbability	0.053513092
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wavelet-HHL	glcm	JointEnergy	0.020619027
wavelet-HHL	glcm	Contrast	10.88597634
wavelet-HHL	glcm	DifferenceEntropy	2.849749716
wavelet-HHL	glcm	InverseVariance	0.346008302
wavelet-HHL	glcm	DifferenceVariance	4.898282358
wavelet-HHL	glcm	Idn	0.911137086
wavelet-HHL	glcm	Idm	0.357303669
wavelet-HHL	glcm	Correlation	0.022172402
wavelet-HHL	glcm	Autocorrelation	157.6828314
wavelet-HHL	glcm	SumEntropy	3.740744374
wavelet-HHL	glcm	SumSquares	5.585581911
wavelet-HHL	glcm	ClusterProminence	616.0989911

wavelet-HHL	glcm	Imc2	0.451100627
wavelet-HHL	glcm	Imc1	-0.041862888
wavelet-HHL	glcm	DifferenceAverage	2.419929734
wavelet-HHL	glcm	Id	0.432540811
wavelet-HHL	glcm	ClusterTendency	11.4563513
wavelet-HHL	firstorder	InterquartileRange	66.04297132
wavelet-HHL	firstorder	Skewness	0.025141306
wavelet-HHL	firstorder	Uniformity	0.13095897
wavelet-HHL	firstorder	Median	0.374529025
wavelet-HHL	firstorder	Energy	8659193.21
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	28.36890447
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wavelet-HHL	firstorder	TotalEnergy	16516100.33
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wavelet-HHL	firstorder	Entropy	3.274630856
wavelet-HHL	firstorder	Range	550.2800358
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wavelet-HHL	firstorder	10Percentile	-69.59467182
wavelet-HHL	firstorder	Kurtosis	4.29522972
wavelet-HHL	firstorder	Mean	1.472473079
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007431911
wavelet-HHL	glrlm	GrayLevelVariance	6.418809645
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008065595
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.121263373
wavelet-HHL	glrlm	RunVariance	0.203325789
wavelet-HHL	glrlm	GrayLevelNonUniformity	253.8946084
wavelet-HHL	glrlm	LongRunEmphasis	1.530559962
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	148.8016152
wavelet-HHL	glrlm	RunLengthNonUniformity	1640.51557
wavelet-HHL	glrlm	ShortRunEmphasis	0.905028597
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	248.7044688
wavelet-HHL	glrlm	RunPercentage	0.870004476
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.011572242
wavelet-HHL	glrlm	RunEntropy	3.942412669
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	164.0004236
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.782120828
wavelet-HHL	glszm	GrayLevelVariance	14.42229751
wavelet-HHL	glszm	ZoneVariance	860.2341809
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.080837988
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.439380836
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wavelet-HHL	glszm	GrayLevelNonUniformity	43.89502762
wavelet-HHL	glszm	LargeAreaEmphasis	879.8674033
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	116.5847819
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wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	5.776489566
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	136883.6041
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	169.9594843
wavelet-HHL	glszm	SmallAreaEmphasis	0.689062488
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.011622308
wavelet-HHL	glszm	ZoneEntropy	5.49040145
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009135636

wavelet-HHL	ngtdm	Coarseness	0.002874052
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wavelet-HHL	ngtdm	Contrast	0.045528434
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wavelet-HLH	gldm	GrayLevelVariance	9.170748143
wavelet-HLH	gldm	HighGrayLevelEmphasis	167.6313383
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.246576961
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	43.56148287
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.13457455
wavelet-HLH	gldm	LargeDependenceEmphasis	29.34497091
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.20127772
wavelet-HLH	gldm	DependenceVariance	11.53418546
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wavelet-HLH	glcm	JointAverage	12.5897347
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wavelet-HLH	firstorder	InterquartileRange	83.09091201
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wavelet-HLH	firstorder	Uniformity	0.105835094
wavelet-HLH	firstorder	Median	-0.615554001
wavelet-HLH	firstorder	Energy	13671777.81
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.60205377
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wavelet-HLH	firstorder	TotalEnergy	26076846.71
wavelet-HLH	firstorder	Maximum	289.8754216
wavelet-HLH	firstorder	RootMeanSquared	75.38148424
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wavelet-HLH	firstorder	Minimum	-280.4595585
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wavelet-HLH	firstorder	Range	570.3349801
wavelet-HLH	firstorder	Variance	5676.898074
wavelet-HLH	firstorder	10Percentile	-91.93531329
wavelet-HLH	firstorder	Kurtosis	3.928244672
wavelet-HLH	firstorder	Mean	2.338822782
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008334734
wavelet-HLH	glrlm	GrayLevelVariance	9.992094718
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.008964485
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.097132891
wavelet-HLH	glrlm	RunVariance	0.205272009
wavelet-HLH	glrlm	GrayLevelNonUniformity	204.8165847
wavelet-HLH	glrlm	LongRunEmphasis	1.516946341
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	154.4275148
wavelet-HLH	glrlm	RunLengthNonUniformity	1680.744832
wavelet-HLH	glrlm	ShortRunEmphasis	0.910969487
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	251.0198537
wavelet-HLH	glrlm	RunPercentage	0.876142976
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.012549254
wavelet-HLH	glrlm	RunEntropy	4.231321437
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	168.7395914
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wavelet-HLH	glszm	GrayLevelVariance	18.96934164
wavelet-HLH	glszm	ZoneVariance	397.7320272
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wavelet-HLH	glszm	LargeAreaEmphasis	411.3078101
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	115.7527385
wavelet-HLH	glszm	ZonePercentage	0.271404821
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	2.683761724
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	64385.31547
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	176.6967841
wavelet-HLH	glszm	SmallAreaEmphasis	0.6421023
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.012499912
wavelet-HLH	glszm	ZoneEntropy	5.958235795
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009040492
wavelet-HLH	ngtdm	Coarseness	0.002967761
wavelet-HLH	ngtdm	Complexity	511.8216085
wavelet-HLH	ngtdm	Strength	0.522064532
wavelet-HLH	ngtdm	Contrast	0.072496418
wavelet-HLH	ngtdm	Busyness	0.883188516

Image type	Feature Class	Feature Name	
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general	info	PyWaveletVersion	1.1.0
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original	shape	SurfaceVolumeRatio	0.170840902
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original	shape	Flatness	0.704668874
original	shape	LeastAxis	32.26760595
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original	gldm	GrayLevelVariance	91.0184042
original	gldm	HighGrayLevelEmphasis	833.5605381
original	gldm	DependenceEntropy	6.71124449
original	gldm	DependenceNonUniformity	186.3124066
original	gldm	GrayLevelNonUniformity	153.1091181
original	gldm	SmallDependenceEmphasis	0.363861269
original	gldm	SmallDependenceHighGrayLevelEmphasis	183.3793325
original	gldm	DependenceNonUniformityNormalized	0.139246941
original	gldm	LargeDependenceEmphasis	75.42750374
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.077107664
original	gldm	DependenceVariance	36.40703278
original	gldm	LargeDependenceHighGrayLevelEmphasis	88459.01196

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004791415
original	gldm	LowGrayLevelEmphasis	0.006735716
original	glcm	JointAverage	28.95168928
original	glcm	SumAverage	57.90337857
original	glcm	JointEntropy	6.916539001
original	glcm	ClusterShade	-4101.503032
original	glcm	MaximumProbability	0.12539283
original	glcm	ldmn	0.952599555
original	glcm	JointEnergy	0.042494211
original	glcm	Contrast	78.1949405
original	glcm	DifferenceEntropy	3.7555992
original	glcm	InverseVariance	0.27189493
original	glcm	DifferenceVariance	48.40069341
original	glcm	ldn	0.889685131
original	glcm	ldm	0.387386874
original	glcm	Correlation	0.471578348
original	glcm	Autocorrelation	873.2525889
original	glcm	SumEntropy	4.799968237
original	glcm	SumSquares	74.12397128
original	glcm	ClusterProminence	175927.3092
original	glcm	lmc2	0.845494728
original	glcm	lmc1	-0.168801563
original	glcm	DifferenceAverage	5.428832605
original	glcm	ld	0.43596955
original	glcm	ClusterTendency	218.3009446
original	firstorder	InterquartileRange	349.75
original	firstorder	Skewness	-1.044894887
original	firstorder	Uniformity	0.114431329
original	firstorder	Median	-11
original	firstorder	Energy	108718830
original	firstorder	RobustMeanAbsoluteDeviation	155.3386268
original	firstorder	MeanAbsoluteDeviation	203.7134737
original	firstorder	TotalEnergy	2935408410
original	firstorder	Maximum	70
original	firstorder	RootMeanSquared	285.0521548
original	firstorder	90Percentile	35
original	firstorder	Minimum	-805
original	firstorder	Entropy	4.120309633
original	firstorder	Range	875
original	firstorder	Variance	56712.62825
original	firstorder	10Percentile	-553.6
original	firstorder	Kurtosis	2.736230476
original	firstorder	Mean	-156.6591928
original	glrlm	ShortRunLowGrayLevelEmphasis	0.007943943
original	glrlm	GrayLevelVariance	97.17812745
original	glrlm	LowGrayLevelRunEmphasis	0.008125388
original	glrlm	GrayLevelNonUniformityNormalized	0.071718979
original	glrlm	RunVariance	0.498295315
original	glrlm	GrayLevelNonUniformity	76.71816839
original	glrlm	LongRunEmphasis	2.071382498
original	glrlm	ShortRunHighGrayLevelEmphasis	608.7246007
original	glrlm	RunLengthNonUniformity	774.7462451
original	glrlm	ShortRunEmphasis	0.873945069



original	glrlm	LongRunHighGrayLevelEmphasis	1996.697661
original	glrlm	RunPercentage	0.798206278
original	glrlm	LongRunLowGrayLevelEmphasis	0.009359071
original	glrlm	RunEntropy	5.152265809
original	glrlm	HighGrayLevelRunEmphasis	752.3462066
original	glrlm	RunLengthNonUniformityNormalized	0.725064278
original	glszm	GrayLevelVariance	80.74366485
original	glszm	ZoneVariance	336.4640596
original	glszm	GrayLevelNonUniformityNormalized	0.033997117
original	glszm	SizeZoneNonUniformityNormalized	0.626787834
original	glszm	SizeZoneNonUniformity	333.4511278
original	glszm	GrayLevelNonUniformity	18.08646617
original	glszm	LargeAreaEmphasis	342.7894737
original	glszm	SmallAreaHighGrayLevelEmphasis	391.6440297
original	glszm	ZonePercentage	0.397608371
original	glszm	LargeAreaLowGrayLevelEmphasis	0.312370696
original	glszm	LargeAreaHighGrayLevelEmphasis	404488.1692
original	glszm	HighGrayLevelZoneEmphasis	498.9154135
original	glszm	SmallAreaEmphasis	0.818820471
original	glszm	LowGrayLevelZoneEmphasis	0.013093746
original	glszm	ZoneEntropy	5.873929325
original	glszm	SmallAreaLowGrayLevelEmphasis	0.011392581
original	ngtdm	Coarseness	0.002624196
original	ngtdm	Complexity	2496.229823
original	ngtdm	Strength	3.401689998
original	ngtdm	Contrast	0.629618938
original	ngtdm	Busyness	0.274768609
wavelet-HHH	gldm	GrayLevelVariance	4.015734727
wavelet-HHH	gldm	HighGrayLevelEmphasis	75.7077728
wavelet-HHH	gldm	DependenceEntropy	5.935654719
wavelet-HHH	gldm	DependenceNonUniformity	121.45142
wavelet-HHH	gldm	GrayLevelNonUniformity	229.1778774
wavelet-HHH	gldm	SmallDependenceEmphasis	0.191024489
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	15.927062
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.090770867
wavelet-HHH	gldm	LargeDependenceEmphasis	50.30493274
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.721195271
wavelet-HHH	gldm	DependenceVariance	17.35836232
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3668.265321
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00687933
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.019935024
wavelet-HHH	glcm	JointAverage	8.469797251
wavelet-HHH	glcm	SumAverage	16.9395945
wavelet-HHH	glcm	JointEntropy	5.576856742
wavelet-HHH	glcm	ClusterShade	-2.093392906
wavelet-HHH	glcm	MaximumProbability	0.103351973
wavelet-HHH	glcm	Idmn	0.974407946
wavelet-HHH	glcm	JointEnergy	0.042934763
wavelet-HHH	glcm	Contrast	7.359979318
wavelet-HHH	glcm	DifferenceEntropy	2.607195783
wavelet-HHH	glcm	InverseVariance	0.391592223
wavelet-HHH	glcm	DifferenceVariance	3.623837047
wavelet-HHH	glcm	Idn	0.901848088

wavelet-HHH	glcm	Idm	0.435293262
wavelet-HHH	glcm	Correlation	-0.025312803
wavelet-HHH	glcm	Autocorrelation	71.64244308
wavelet-HHH	glcm	SumEntropy	3.337967363
wavelet-HHH	glcm	SumSquares	3.584762181
wavelet-HHH	glcm	ClusterProminence	237.9705029
wavelet-HHH	glcm	Imc2	0.477988604
wavelet-HHH	glcm	Imc1	-0.047319632
wavelet-HHH	glcm	DifferenceAverage	1.920988817
wavelet-HHH	glcm	Id	0.495917996
wavelet-HHH	glcm	ClusterTendency	6.979069404
wavelet-HHH	firstorder	InterquartileRange	47.04236714
wavelet-HHH	firstorder	Skewness	-0.054260536
wavelet-HHH	firstorder	Uniformity	0.171283914
wavelet-HHH	firstorder	Median	-0.254971361
wavelet-HHH	firstorder	Energy	3290125.041
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	20.72121197
wavelet-HHH	firstorder	MeanAbsoluteDeviation	35.20813335
wavelet-HHH	firstorder	TotalEnergy	88833376.1
wavelet-HHH	firstorder	Maximum	193.181738
wavelet-HHH	firstorder	RootMeanSquared	49.58817727
wavelet-HHH	firstorder	90Percentile	57.90792241
wavelet-HHH	firstorder	Minimum	-185.0090226
wavelet-HHH	firstorder	Entropy	2.962626615
wavelet-HHH	firstorder	Range	378.1907607
wavelet-HHH	firstorder	Variance	2458.440284
wavelet-HHH	firstorder	10Percentile	-62.64478973
wavelet-HHH	firstorder	Kurtosis	4.461969891
wavelet-HHH	firstorder	Mean	-0.739621941
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.019235082
wavelet-HHH	glrlm	GrayLevelVariance	4.691239995
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.021119528
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.147183076
wavelet-HHH	glrlm	RunVariance	0.355716976
wavelet-HHH	glrlm	GrayLevelNonUniformity	161.1017063
wavelet-HHH	glrlm	LongRunEmphasis	1.855622302
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	66.92438259
wavelet-HHH	glrlm	RunLengthNonUniformity	788.1991371
wavelet-HHH	glrlm	ShortRunEmphasis	0.872597393
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	138.8567873
wavelet-HHH	glrlm	RunPercentage	0.817695757
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.033554511
wavelet-HHH	glrlm	RunEntropy	3.83989655
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	76.26808884
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.719584613
wavelet-HHH	glszm	GrayLevelVariance	12.10185686
wavelet-HHH	glszm	ZoneVariance	918.1901929
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.097650382
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.438615468
wavelet-HHH	glszm	SizeZoneNonUniformity	113.1627907
wavelet-HHH	glszm	GrayLevelNonUniformity	25.19379845
wavelet-HHH	glszm	LargeAreaEmphasis	945.0852713
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	59.79039957

wavelet-HHH	glszm	ZonePercentage	0.192825112
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	13.31294094
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	68647.56202
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	82.19379845
wavelet-HHH	glszm	SmallAreaEmphasis	0.688712483
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.037679165
wavelet-HHH	glszm	ZoneEntropy	5.138124325
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.029946285
wavelet-HHH	ngtdm	Coarseness	0.005236419
wavelet-HHH	ngtdm	Complexity	155.9096004
wavelet-HHH	ngtdm	Strength	0.394954561
wavelet-HHH	ngtdm	Contrast	0.051201304
wavelet-HHH	ngtdm	Busyness	1.089508795
wavelet-HLL	gldm	GrayLevelVariance	33.24502414
wavelet-HLL	gldm	HighGrayLevelEmphasis	564.4820628
wavelet-HLL	gldm	DependenceEntropy	6.890494619
wavelet-HLL	gldm	DependenceNonUniformity	215.2361734
wavelet-HLL	gldm	GrayLevelNonUniformity	87.68161435
wavelet-HLL	gldm	SmallDependenceEmphasis	0.335107714
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	190.3312813
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.160864106
wavelet-HLL	gldm	LargeDependenceEmphasis	30.31091181
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.054575776
wavelet-HLL	gldm	DependenceVariance	14.13103689
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	18006.05456
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001999697
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.003423449
wavelet-HLL	glcm	JointAverage	22.86601893
wavelet-HLL	glcm	SumAverage	45.73203786
wavelet-HLL	glcm	JointEntropy	7.914307058
wavelet-HLL	glcm	ClusterShade	41.46147455
wavelet-HLL	glcm	MaximumProbability	0.058096133
wavelet-HLL	glcm	ldmn	0.979397784
wavelet-HLL	glcm	JointEnergy	0.012279634
wavelet-HLL	glcm	Contrast	40.7483916
wavelet-HLL	glcm	DifferenceEntropy	3.640244494
wavelet-HLL	glcm	InverseVariance	0.261293151
wavelet-HLL	glcm	DifferenceVariance	21.10130254
wavelet-HLL	glcm	ldn	0.914223962
wavelet-HLL	glcm	ldm	0.288217626
wavelet-HLL	glcm	Correlation	0.28917797
wavelet-HLL	glcm	Autocorrelation	531.5241676
wavelet-HLL	glcm	SumEntropy	4.933568269
wavelet-HLL	glcm	SumSquares	29.04264727
wavelet-HLL	glcm	ClusterProminence	25269.0369
wavelet-HLL	glcm	lmc2	0.843709045
wavelet-HLL	glcm	lmc1	-0.150629867
wavelet-HLL	glcm	DifferenceAverage	4.345955347
wavelet-HLL	glcm	ld	0.363637669
wavelet-HLL	glcm	ClusterTendency	75.42219748
wavelet-HLL	firstorder	InterquartileRange	140.1078109
wavelet-HLL	firstorder	Skewness	0.017988551
wavelet-HLL	firstorder	Uniformity	0.065531849

wavelet-HLL	firstorder	Median	-18.90126889
wavelet-HLL	firstorder	Energy	29530924.6
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	67.20985857
wavelet-HLL	firstorder	MeanAbsoluteDeviation	107.0101634
wavelet-HLL	firstorder	TotalEnergy	797334964.3
wavelet-HLL	firstorder	Maximum	444.2485828
wavelet-HLL	firstorder	RootMeanSquared	148.5629333
wavelet-HLL	firstorder	90Percentile	152.4746163
wavelet-HLL	firstorder	Minimum	-575.4709988
wavelet-HLL	firstorder	Entropy	4.422180532
wavelet-HLL	firstorder	Range	1019.719582
wavelet-HLL	firstorder	Variance	20770.07416
wavelet-HLL	firstorder	10Percentile	-224.7546884
wavelet-HLL	firstorder	Kurtosis	3.795023024
wavelet-HLL	firstorder	Mean	-36.06758916
wavelet-HLL	gllm	ShortRunLowGrayLevelEmphasis	0.003475001
wavelet-HLL	gllm	GrayLevelVariance	36.21559346
wavelet-HLL	gllm	LowGrayLevelRunEmphasis	0.003628848
wavelet-HLL	gllm	GrayLevelNonUniformityNormalized	0.05568577
wavelet-HLL	gllm	RunVariance	0.200526839
wavelet-HLL	gllm	GrayLevelNonUniformity	65.8953407
wavelet-HLL	gllm	LongRunEmphasis	1.484555273
wavelet-HLL	gllm	ShortRunHighGrayLevelEmphasis	515.9699063
wavelet-HLL	gllm	RunLengthNonUniformity	962.2999094
wavelet-HLL	gllm	ShortRunEmphasis	0.919879531
wavelet-HLL	gllm	LongRunHighGrayLevelEmphasis	845.8916058
wavelet-HLL	gllm	RunPercentage	0.883753018
wavelet-HLL	gllm	LongRunLowGrayLevelEmphasis	0.004520103
wavelet-HLL	gllm	RunEntropy	5.010596632
wavelet-HLL	gllm	HighGrayLevelRunEmphasis	562.1895514
wavelet-HLL	gllm	RunLengthNonUniformityNormalized	0.812915342
wavelet-HLL	glszm	GrayLevelVariance	55.06435653
wavelet-HLL	glszm	ZoneVariance	103.0668543
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038148253
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.443982302
wavelet-HLL	glszm	SizeZoneNonUniformity	231.3147793
wavelet-HLL	glszm	GrayLevelNonUniformity	19.87523992
wavelet-HLL	glszm	LargeAreaEmphasis	109.6621881
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	396.0256994
wavelet-HLL	glszm	ZonePercentage	0.389387145
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.190523647
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	65437.92898
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	569.1612284
wavelet-HLL	glszm	SmallAreaEmphasis	0.692116326
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.005503867
wavelet-HLL	glszm	ZoneEntropy	6.329269498
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004734177
wavelet-HLL	ngtdm	Coarseness	0.006180073
wavelet-HLL	ngtdm	Complexity	1934.029509
wavelet-HLL	ngtdm	Strength	3.094061722
wavelet-HLL	ngtdm	Contrast	0.142880145
wavelet-HLL	ngtdm	Busyness	0.15176018
wavelet-LHL	gldm	GrayLevelVariance	48.46983763

wavelet-LHL	gldm	HighGrayLevelEmphasis	473.7294469
wavelet-LHL	gldm	DependenceEntropy	6.953929746
wavelet-LHL	gldm	DependenceNonUniformity	236.5964126
wavelet-LHL	gldm	GrayLevelNonUniformity	81.99103139
wavelet-LHL	gldm	SmallDependenceEmphasis	0.375021853
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	206.7923033
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.17682841
wavelet-LHL	gldm	LargeDependenceEmphasis	28.14200299
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074714831
wavelet-LHL	gldm	DependenceVariance	13.65880182
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	12808.26756
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002403162
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005825795
wavelet-LHL	glcm	JointAverage	20.19178112
wavelet-LHL	glcm	SumAverage	40.38356223
wavelet-LHL	glcm	JointEntropy	8.148746993
wavelet-LHL	glcm	ClusterShade	884.4208199
wavelet-LHL	glcm	MaximumProbability	0.051648082
wavelet-LHL	glcm	ldmn	0.981607657
wavelet-LHL	glcm	JointEnergy	0.011140732
wavelet-LHL	glcm	Contrast	64.69323739
wavelet-LHL	glcm	DifferenceEntropy	3.906693857
wavelet-LHL	glcm	InverseVariance	0.236336951
wavelet-LHL	glcm	DifferenceVariance	35.04994846
wavelet-LHL	glcm	ldn	0.920555977
wavelet-LHL	glcm	ldm	0.264391798
wavelet-LHL	glcm	Correlation	0.236546073
wavelet-LHL	glcm	Autocorrelation	418.116322
wavelet-LHL	glcm	SumEntropy	5.101255922
wavelet-LHL	glcm	SumSquares	42.74830389
wavelet-LHL	glcm	ClusterProminence	67907.88918
wavelet-LHL	glcm	lmc2	0.880507821
wavelet-LHL	glcm	lmc1	-0.172136893
wavelet-LHL	glcm	DifferenceAverage	5.335059821
wavelet-LHL	glcm	ld	0.339240265
wavelet-LHL	glcm	ClusterTendency	106.2999782
wavelet-LHL	firstorder	InterquartileRange	148.2290862
wavelet-LHL	firstorder	Skewness	0.736351736
wavelet-LHL	firstorder	Uniformity	0.061278798
wavelet-LHL	firstorder	Median	-16.11648552
wavelet-LHL	firstorder	Energy	41177187.98
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	72.16469783
wavelet-LHL	firstorder	MeanAbsoluteDeviation	121.992047
wavelet-LHL	firstorder	TotalEnergy	1111784076
wavelet-LHL	firstorder	Maximum	855.0428428
wavelet-LHL	firstorder	RootMeanSquared	175.4285549
wavelet-LHL	firstorder	90Percentile	198.8350699
wavelet-LHL	firstorder	Minimum	-517.0712914
wavelet-LHL	firstorder	Entropy	4.609465858
wavelet-LHL	firstorder	Range	1372.114134
wavelet-LHL	firstorder	Variance	30279.7262
wavelet-LHL	firstorder	10Percentile	-220.0536396
wavelet-LHL	firstorder	Kurtosis	5.225417852

wavelet-LHL	firstorder	Mean	-22.25874359
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005877699
wavelet-LHL	glrlm	GrayLevelVariance	53.03087222
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.006135553
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.051713782
wavelet-LHL	glrlm	RunVariance	0.198665948
wavelet-LHL	glrlm	GrayLevelNonUniformity	61.80185131
wavelet-LHL	glrlm	LongRunEmphasis	1.459088814
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	445.5669951
wavelet-LHL	glrlm	RunLengthNonUniformity	992.6988762
wavelet-LHL	glrlm	ShortRunEmphasis	0.928046709
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	682.6990233
wavelet-LHL	glrlm	RunPercentage	0.892089226
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.007543853
wavelet-LHL	glrlm	RunEntropy	5.169709408
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	477.3024385
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.830790842
wavelet-LHL	glszm	GrayLevelVariance	83.21252914
wavelet-LHL	glszm	ZoneVariance	91.09887671
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.032638613
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.493466078
wavelet-LHL	glszm	SizeZoneNonUniformity	280.2887324
wavelet-LHL	glszm	GrayLevelNonUniformity	18.53873239
wavelet-LHL	glszm	LargeAreaEmphasis	96.64788732
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	423.9634698
wavelet-LHL	glszm	ZonePercentage	0.4245142
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.22998077
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	43961.35211
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	536.7975352
wavelet-LHL	glszm	SmallAreaEmphasis	0.730321403
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.007342406
wavelet-LHL	glszm	ZoneEntropy	6.419585674
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004523734
wavelet-LHL	ngtdm	Coarseness	0.005687242
wavelet-LHL	ngtdm	Complexity	3771.212163
wavelet-LHL	ngtdm	Strength	5.058239898
wavelet-LHL	ngtdm	Contrast	0.171187039
wavelet-LHL	ngtdm	Busyness	0.147600142
wavelet-LHH	gldm	GrayLevelVariance	13.77763925
wavelet-LHH	gldm	HighGrayLevelEmphasis	475.8669656
wavelet-LHH	gldm	DependenceEntropy	6.472910047
wavelet-LHH	gldm	DependenceNonUniformity	176.935725
wavelet-LHH	gldm	GrayLevelNonUniformity	141.0298954
wavelet-LHH	gldm	SmallDependenceEmphasis	0.301478515
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	148.2160935
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.132238957
wavelet-LHH	gldm	LargeDependenceEmphasis	39.88938714
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.090227891
wavelet-LHH	gldm	DependenceVariance	18.09765596
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	18037.67564
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001607985
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003199233
wavelet-LHH	glcm	JointAverage	21.5560835

wavelet-LHH	glcm	SumAverage	43.112167
wavelet-LHH	glcm	JointEntropy	6.940367652
wavelet-LHH	glcm	ClusterShade	-35.94180126
wavelet-LHH	glcm	MaximumProbability	0.089688984
wavelet-LHH	glcm	Idmn	0.981668155
wavelet-LHH	glcm	JointEnergy	0.021325128
wavelet-LHH	glcm	Contrast	23.3784319
wavelet-LHH	glcm	DifferenceEntropy	3.300128135
wavelet-LHH	glcm	InverseVariance	0.300474374
wavelet-LHH	glcm	DifferenceVariance	12.24790605
wavelet-LHH	glcm	Idn	0.918672376
wavelet-LHH	glcm	Idm	0.339236449
wavelet-LHH	glcm	Correlation	0.034974917
wavelet-LHH	glcm	Autocorrelation	465.1282233
wavelet-LHH	glcm	SumEntropy	4.169160253
wavelet-LHH	glcm	SumSquares	12.15220991
wavelet-LHH	glcm	ClusterProminence	3817.651655
wavelet-LHH	glcm	Imc2	0.701444162
wavelet-LHH	glcm	Imc1	-0.095886296
wavelet-LHH	glcm	DifferenceAverage	3.301446731
wavelet-LHH	glcm	Id	0.411203781
wavelet-LHH	glcm	ClusterTendency	25.23040773
wavelet-LHH	firstorder	InterquartileRange	84.651601
wavelet-LHH	firstorder	Skewness	-0.339334267
wavelet-LHH	firstorder	Uniformity	0.105403509
wavelet-LHH	firstorder	Median	-2.651574775
wavelet-LHH	firstorder	Energy	11436743.65
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	36.5455635
wavelet-LHH	firstorder	MeanAbsoluteDeviation	63.93643129
wavelet-LHH	firstorder	TotalEnergy	308792078.5
wavelet-LHH	firstorder	Maximum	310.83511
wavelet-LHH	firstorder	RootMeanSquared	92.45345311
wavelet-LHH	firstorder	90Percentile	107.7442172
wavelet-LHH	firstorder	Minimum	-509.373965
wavelet-LHH	firstorder	Entropy	3.76824477
wavelet-LHH	firstorder	Range	820.209075
wavelet-LHH	firstorder	Variance	8547.602603
wavelet-LHH	firstorder	10Percentile	-109.2877241
wavelet-LHH	firstorder	Kurtosis	5.352390792
wavelet-LHH	firstorder	Mean	-0.195933214
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.003145377
wavelet-LHH	grlm	GrayLevelVariance	15.61341888
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.003357475
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.088336814
wavelet-LHH	grlm	RunVariance	0.268877847
wavelet-LHH	grlm	GrayLevelNonUniformity	101.564271
wavelet-LHH	grlm	LongRunEmphasis	1.62838359
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	435.3146845
wavelet-LHH	grlm	RunLengthNonUniformity	902.2460322
wavelet-LHH	grlm	ShortRunEmphasis	0.905390165
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	765.0476177
wavelet-LHH	grlm	RunPercentage	0.858916868
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.004767016

wavelet-LHH	grlm	RunEntropy	4.475987314
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	478.8891613
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.784136909
wavelet-LHH	glszm	GrayLevelVariance	30.56694411
wavelet-LHH	glszm	ZoneVariance	270.0471185
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056160655
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.492022724
wavelet-LHH	glszm	SizeZoneNonUniformity	214.0298851
wavelet-LHH	glszm	GrayLevelNonUniformity	24.42988506
wavelet-LHH	glszm	LargeAreaEmphasis	279.508046
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	360.8314682
wavelet-LHH	glszm	ZonePercentage	0.325112108
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.630347384
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	125225.6782
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	493.5586207
wavelet-LHH	glszm	SmallAreaEmphasis	0.729048195
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.005142352
wavelet-LHH	glszm	ZoneEntropy	5.776889936
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004483375
wavelet-LHH	ngtdm	Coarseness	0.005661266
wavelet-LHH	ngtdm	Complexity	989.0510421
wavelet-LHH	ngtdm	Strength	1.755567307
wavelet-LHH	ngtdm	Contrast	0.082097975
wavelet-LHH	ngtdm	Busyness	0.204277096
wavelet-LLH	gldm	GrayLevelVariance	42.01174197
wavelet-LLH	gldm	HighGrayLevelEmphasis	1322.399851
wavelet-LLH	gldm	DependenceEntropy	6.941288154
wavelet-LLH	gldm	DependenceNonUniformity	227.6218236
wavelet-LLH	gldm	GrayLevelNonUniformity	90.65022422
wavelet-LLH	gldm	SmallDependenceEmphasis	0.364006043
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	505.7802219
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.170120944
wavelet-LLH	gldm	LargeDependenceEmphasis	31.73243647
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025013926
wavelet-LLH	gldm	DependenceVariance	16.02999368
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	42188.7003
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001108931
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00164016
wavelet-LLH	glcm	JointAverage	35.68349375
wavelet-LLH	glcm	SumAverage	71.3669875
wavelet-LLH	glcm	JointEntropy	7.999291831
wavelet-LLH	glcm	ClusterShade	510.2259672
wavelet-LLH	glcm	MaximumProbability	0.057450818
wavelet-LLH	glcm	ldmn	0.986013634
wavelet-LLH	glcm	JointEnergy	0.011718098
wavelet-LLH	glcm	Contrast	55.59246047
wavelet-LLH	glcm	DifferenceEntropy	3.797654252
wavelet-LLH	glcm	InverseVariance	0.247973714
wavelet-LLH	glcm	DifferenceVariance	30.79758008
wavelet-LLH	glcm	ldn	0.930498704
wavelet-LLH	glcm	ldm	0.278271591
wavelet-LLH	glcm	Correlation	0.244003975
wavelet-LLH	glcm	Autocorrelation	1282.61322



wavelet-LLH	glcm	SumEntropy	5.021889697
wavelet-LLH	glcm	SumSquares	37.09173436
wavelet-LLH	glcm	ClusterProminence	48078.87916
wavelet-LLH	glcm	Imc2	0.860980335
wavelet-LLH	glcm	Imc1	-0.159625862
wavelet-LLH	glcm	DifferenceAverage	4.897504034
wavelet-LLH	glcm	Id	0.353153267
wavelet-LLH	glcm	ClusterTendency	92.77447697
wavelet-LLH	firstorder	InterquartileRange	129.6094804
wavelet-LLH	firstorder	Skewness	0.279515592
wavelet-LLH	firstorder	Uniformity	0.067750541
wavelet-LLH	firstorder	Median	-13.93753285
wavelet-LLH	firstorder	Energy	35459528.83
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	63.09788579
wavelet-LLH	firstorder	MeanAbsoluteDeviation	110.9432498
wavelet-LLH	firstorder	TotalEnergy	957407278.3
wavelet-LLH	firstorder	Maximum	597.5017077
wavelet-LLH	firstorder	RootMeanSquared	162.794011
wavelet-LLH	firstorder	90Percentile	171.663534
wavelet-LLH	firstorder	Minimum	-887.0478193
wavelet-LLH	firstorder	Entropy	4.488658816
wavelet-LLH	firstorder	Range	1484.549527
wavelet-LLH	firstorder	Variance	26181.46183
wavelet-LLH	firstorder	10Percentile	-202.3401525
wavelet-LLH	firstorder	Kurtosis	5.617867363
wavelet-LLH	firstorder	Mean	-17.90050781
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001691054
wavelet-LLH	glrlm	GrayLevelVariance	46.30814739
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.001750934
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.05715707
wavelet-LLH	glrlm	RunVariance	0.215822737
wavelet-LLH	glrlm	GrayLevelNonUniformity	67.8243372
wavelet-LLH	glrlm	LongRunEmphasis	1.49331993
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1226.245327
wavelet-LLH	glrlm	RunLengthNonUniformity	977.9120555
wavelet-LLH	glrlm	ShortRunEmphasis	0.924800826
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1973.277846
wavelet-LLH	glrlm	RunPercentage	0.886052662
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.002134767
wavelet-LLH	glrlm	RunEntropy	5.078576116
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1324.1005
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.824074465
wavelet-LLH	glszm	GrayLevelVariance	76.07304324
wavelet-LLH	glszm	ZoneVariance	96.93451603
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.034357594
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.491286261
wavelet-LLH	glszm	SizeZoneNonUniformity	270.6987296
wavelet-LLH	glszm	GrayLevelNonUniformity	18.93103448
wavelet-LLH	glszm	LargeAreaEmphasis	102.831216
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1030.087217
wavelet-LLH	glszm	ZonePercentage	0.41180867
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.080000659
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	136402.7568

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1380.056261
wavelet-LLH	glszm	SmallAreaEmphasis	0.728365133
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00280215
wavelet-LLH	glszm	ZoneEntropy	6.401786636
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002557224
wavelet-LLH	ngtdm	Coarseness	0.005445365
wavelet-LLH	ngtdm	Complexity	3735.376982
wavelet-LLH	ngtdm	Strength	5.434137613
wavelet-LLH	ngtdm	Contrast	0.132467604
wavelet-LLH	ngtdm	Busyness	0.080970873
wavelet-LLL	gldm	GrayLevelVariance	572.2723791
wavelet-LLL	gldm	HighGrayLevelEmphasis	5961.785501
wavelet-LLL	gldm	DependenceEntropy	7.519496895
wavelet-LLL	gldm	DependenceNonUniformity	374.4050822
wavelet-LLL	gldm	GrayLevelNonUniformity	40.89088191
wavelet-LLL	gldm	SmallDependenceEmphasis	0.544423934
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2379.51003
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.279824426
wavelet-LLL	gldm	LargeDependenceEmphasis	24.34678625
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003963202
wavelet-LLL	gldm	DependenceVariance	13.97049117
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	212453.9245
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001069743
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001162872
wavelet-LLL	glcm	JointAverage	77.97896728
wavelet-LLL	glcm	SumAverage	155.9579346
wavelet-LLL	glcm	JointEntropy	9.312152285
wavelet-LLL	glcm	ClusterShade	-56643.19381
wavelet-LLL	glcm	MaximumProbability	0.037872053
wavelet-LLL	glcm	Idmn	0.966644254
wavelet-LLL	glcm	JointEnergy	0.005620845
wavelet-LLL	glcm	Contrast	392.2089711
wavelet-LLL	glcm	DifferenceEntropy	5.040913009
wavelet-LLL	glcm	InverseVariance	0.16701686
wavelet-LLL	glcm	DifferenceVariance	209.7390215
wavelet-LLL	glcm	Idn	0.895756765
wavelet-LLL	glcm	Idm	0.197526776
wavelet-LLL	glcm	Correlation	0.586623575
wavelet-LLL	glcm	Autocorrelation	6359.839182
wavelet-LLL	glcm	SumEntropy	6.463968425
wavelet-LLL	glcm	SumSquares	474.9541869
wavelet-LLL	glcm	ClusterProminence	6762630.346
wavelet-LLL	glcm	Imc2	0.986265679
wavelet-LLL	glcm	Imc1	-0.325644271
wavelet-LLL	glcm	DifferenceAverage	13.38387566
wavelet-LLL	glcm	Id	0.25615617
wavelet-LLL	glcm	ClusterTendency	1507.607776
wavelet-LLL	firstorder	InterquartileRange	993.1809308
wavelet-LLL	firstorder	Skewness	-0.776773835
wavelet-LLL	firstorder	Uniformity	0.030561197
wavelet-LLL	firstorder	Median	-254.0024206
wavelet-LLL	firstorder	Energy	752001531.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	406.8052824

wavelet-LLL	firstorder	MeanAbsoluteDeviation	513.9125611
wavelet-LLL	firstorder	TotalEnergy	20304041357
wavelet-LLL	firstorder	Maximum	231.4160615
wavelet-LLL	firstorder	RootMeanSquared	749.6892888
wavelet-LLL	firstorder	90Percentile	121.4641748
wavelet-LLL	firstorder	Minimum	-2250.774662
wavelet-LLL	firstorder	Entropy	5.835024514
wavelet-LLL	firstorder	Range	2482.190723
wavelet-LLL	firstorder	Variance	357727.7602
wavelet-LLL	firstorder	10Percentile	-1388.108911
wavelet-LLL	firstorder	Kurtosis	2.383505785
wavelet-LLL	firstorder	Mean	-452.0025105
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.001250752
wavelet-LLL	grlm	GrayLevelVariance	578.7616577
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.001258809
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.023998145
wavelet-LLL	grlm	RunVariance	0.151665649
wavelet-LLL	grlm	GrayLevelNonUniformity	29.38301277
wavelet-LLL	grlm	LongRunEmphasis	1.34798373
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	5235.39321
wavelet-LLL	grlm	RunLengthNonUniformity	1061.521696
wavelet-LLL	grlm	ShortRunEmphasis	0.944626663
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	8738.56565
wavelet-LLL	grlm	RunPercentage	0.914568242
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.001305206
wavelet-LLL	grlm	RunEntropy	6.292908679
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	5710.05236
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.867293274
wavelet-LLL	glszm	GrayLevelVariance	508.8504107
wavelet-LLL	glszm	ZoneVariance	44.77238453
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013557272
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.706693056
wavelet-LLL	glszm	SizeZoneNonUniformity	549.8071979
wavelet-LLL	glszm	GrayLevelNonUniformity	10.54755784
wavelet-LLL	glszm	LargeAreaEmphasis	47.73007712
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3603.072213
wavelet-LLL	glszm	ZonePercentage	0.581464873
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007212322
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	423981.2198
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4390.236504
wavelet-LLL	glszm	SmallAreaEmphasis	0.864892665
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001869457
wavelet-LLL	glszm	ZoneEntropy	6.974047918
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001819498
wavelet-LLL	ngtdm	Coarseness	0.004647521
wavelet-LLL	ngtdm	Complexity	34652.79385
wavelet-LLL	ngtdm	Strength	27.58206365
wavelet-LLL	ngtdm	Contrast	1.145590834
wavelet-LLL	ngtdm	Busyness	0.023941505
wavelet-HHL	gldm	GrayLevelVariance	8.91570758
wavelet-HHL	gldm	HighGrayLevelEmphasis	222.2765321
wavelet-HHL	gldm	DependenceEntropy	6.318184799
wavelet-HHL	gldm	DependenceNonUniformity	151.8565022

wavelet-HHL	gldm	GrayLevelNonUniformity	163.3198804
wavelet-HHL	gldm	SmallDependenceEmphasis	0.246578864
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	57.47688913
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.113495144
wavelet-HHL	gldm	LargeDependenceEmphasis	40.5470852
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.20135337
wavelet-HHL	gldm	DependenceVariance	16.17094653
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	8420.279522
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002709891
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.006535864
wavelet-HHL	glcm	JointAverage	14.59693535
wavelet-HHL	glcm	SumAverage	29.19387069
wavelet-HHL	glcm	JointEntropy	6.507075749
wavelet-HHL	glcm	ClusterShade	0.682887361
wavelet-HHL	glcm	MaximumProbability	0.083722863
wavelet-HHL	glcm	Idmn	0.981472261
wavelet-HHL	glcm	JointEnergy	0.025162684
wavelet-HHL	glcm	Contrast	16.00863005
wavelet-HHL	glcm	DifferenceEntropy	3.065413412
wavelet-HHL	glcm	InverseVariance	0.33266739
wavelet-HHL	glcm	DifferenceVariance	8.26978007
wavelet-HHL	glcm	Idn	0.917571895
wavelet-HHL	glcm	Idm	0.368316476
wavelet-HHL	glcm	Correlation	-0.00533445
wavelet-HHL	glcm	Autocorrelation	213.0355211
wavelet-HHL	glcm	SumEntropy	3.884355489
wavelet-HHL	glcm	SumSquares	7.967825158
wavelet-HHL	glcm	ClusterProminence	1369.075871
wavelet-HHL	glcm	Imc2	0.625938693
wavelet-HHL	glcm	Imc1	-0.0766218
wavelet-HHL	glcm	DifferenceAverage	2.754409615
wavelet-HHL	glcm	Id	0.437656395
wavelet-HHL	glcm	ClusterTendency	15.86267059
wavelet-HHL	firstorder	InterquartileRange	70.17121102
wavelet-HHL	firstorder	Skewness	-0.055235628
wavelet-HHL	firstorder	Uniformity	0.122062691
wavelet-HHL	firstorder	Median	-0.885847763
wavelet-HHL	firstorder	Energy	7373328.55
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	30.33133625
wavelet-HHL	firstorder	MeanAbsoluteDeviation	52.15562152
wavelet-HHL	firstorder	TotalEnergy	199079870.9
wavelet-HHL	firstorder	Maximum	339.0548983
wavelet-HHL	firstorder	RootMeanSquared	74.23414936
wavelet-HHL	firstorder	90Percentile	93.61950517
wavelet-HHL	firstorder	Minimum	-327.5418907
wavelet-HHL	firstorder	Entropy	3.496814428
wavelet-HHL	firstorder	Range	666.596789
wavelet-HHL	firstorder	Variance	5503.496182
wavelet-HHL	firstorder	10Percentile	-76.32881441
wavelet-HHL	firstorder	Kurtosis	4.957131462
wavelet-HHL	firstorder	Mean	2.685656172
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006303046
wavelet-HHL	glrlm	GrayLevelVariance	10.11587124

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.00682014
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.105309418
wavelet-HHL	glrlm	RunVariance	0.282383296
wavelet-HHL	glrlm	GrayLevelNonUniformity	119.6272801
wavelet-HHL	glrlm	LongRunEmphasis	1.676997718
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	202.1732029
wavelet-HHL	glrlm	RunLengthNonUniformity	870.4542833
wavelet-HHL	glrlm	ShortRunEmphasis	0.895934257
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	366.3326785
wavelet-HHL	glrlm	RunPercentage	0.848568472
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01017137
wavelet-HHL	glrlm	RunEntropy	4.247468786
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	224.3042787
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.765275968
wavelet-HHL	glszm	GrayLevelVariance	21.60222036
wavelet-HHL	glszm	ZoneVariance	392.7843391
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.068457265
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.445919076
wavelet-HHL	glszm	SizeZoneNonUniformity	158.747191
wavelet-HHL	glszm	GrayLevelNonUniformity	24.37078652
wavelet-HHL	glszm	LargeAreaEmphasis	406.9101124
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	163.2371977
wavelet-HHL	glszm	ZonePercentage	0.266068759
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.99963238
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	83929.53371
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	237.3455056
wavelet-HHL	glszm	SmallAreaEmphasis	0.694111936
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010657117
wavelet-HHL	glszm	ZoneEntropy	5.599858004
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008958305
wavelet-HHL	ngtdm	Coarseness	0.005590196
wavelet-HHL	ngtdm	Complexity	617.0967425
wavelet-HHL	ngtdm	Strength	1.220267819
wavelet-HHL	ngtdm	Contrast	0.059671841
wavelet-HHL	ngtdm	Busyness	0.344773964
wavelet-HLH	gldm	GrayLevelVariance	8.006115926
wavelet-HLH	gldm	HighGrayLevelEmphasis	191.7929746
wavelet-HLH	gldm	DependenceEntropy	6.234895275
wavelet-HLH	gldm	DependenceNonUniformity	141.3901345
wavelet-HLH	gldm	GrayLevelNonUniformity	182.2720478
wavelet-HLH	gldm	SmallDependenceEmphasis	0.224750463
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	46.40846477
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.105672746
wavelet-HLH	gldm	LargeDependenceEmphasis	41.81016442
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.239995243
wavelet-HLH	gldm	DependenceVariance	15.60005005
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	7494.999253
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002842005
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.007432913
wavelet-HLH	glcm	JointAverage	13.593544
wavelet-HLH	glcm	SumAverage	27.187088
wavelet-HLH	glcm	JointEntropy	6.289312276
wavelet-HLH	glcm	ClusterShade	16.58752358

wavelet-HLH	glcm	MaximumProbability	0.090005919
wavelet-HLH	glcm	Idmn	0.978672488
wavelet-HLH	glcm	JointEnergy	0.02980083
wavelet-HLH	glcm	Contrast	13.88580263
wavelet-HLH	glcm	DifferenceEntropy	2.956402714
wavelet-HLH	glcm	InverseVariance	0.352545719
wavelet-HLH	glcm	DifferenceVariance	7.340561578
wavelet-HLH	glcm	Idn	0.912710224
wavelet-HLH	glcm	Idm	0.386591459
wavelet-HLH	glcm	Correlation	6.07E-05
wavelet-HLH	glcm	Autocorrelation	184.8229568
wavelet-HLH	glcm	SumEntropy	3.775137123
wavelet-HLH	glcm	SumSquares	6.978610921
wavelet-HLH	glcm	ClusterProminence	1171.270603
wavelet-HLH	glcm	Imc2	0.601663736
wavelet-HLH	glcm	Imc1	-0.072342047
wavelet-HLH	glcm	DifferenceAverage	2.535207928
wavelet-HLH	glcm	Id	0.453139531
wavelet-HLH	glcm	ClusterTendency	14.02864106
wavelet-HLH	firstorder	InterquartileRange	61.94498533
wavelet-HLH	firstorder	Skewness	0.175328422
wavelet-HLH	firstorder	Uniformity	0.136227241
wavelet-HLH	firstorder	Median	-2.344539471
wavelet-HLH	firstorder	Energy	6626202.429
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	26.91622031
wavelet-HLH	firstorder	MeanAbsoluteDeviation	48.2440218
wavelet-HLH	firstorder	TotalEnergy	178907465.6
wavelet-HLH	firstorder	Maximum	273.2000309
wavelet-HLH	firstorder	RootMeanSquared	70.37271279
wavelet-HLH	firstorder	90Percentile	85.93854233
wavelet-HLH	firstorder	Minimum	-319.2785181
wavelet-HLH	firstorder	Entropy	3.387451098
wavelet-HLH	firstorder	Range	592.478549
wavelet-HLH	firstorder	Variance	4949.90553
wavelet-HLH	firstorder	10Percentile	-74.25107895
wavelet-HLH	firstorder	Kurtosis	5.378388067
wavelet-HLH	firstorder	Mean	1.553440148
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007124408
wavelet-HLH	glrlm	GrayLevelVariance	9.185058579
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.007755024
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.116443717
wavelet-HLH	glrlm	RunVariance	0.293742916
wavelet-HLH	glrlm	GrayLevelNonUniformity	131.1828406
wavelet-HLH	glrlm	LongRunEmphasis	1.711061892
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	173.5986622
wavelet-HLH	glrlm	RunLengthNonUniformity	849.5154304
wavelet-HLH	glrlm	ShortRunEmphasis	0.890190246
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	322.2623839
wavelet-HLH	glrlm	RunPercentage	0.841554559
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.011829909
wavelet-HLH	glrlm	RunEntropy	4.18528427
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	193.6987934
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.753385458

wavelet-HLH	glszm	GrayLevelVariance	21.97134462
wavelet-HLH	glszm	ZoneVariance	518.934012
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.065437643
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.437525182
wavelet-HLH	glszm	SizeZoneNonUniformity	139.5705329
wavelet-HLH	glszm	GrayLevelNonUniformity	20.87460815
wavelet-HLH	glszm	LargeAreaEmphasis	536.5266458
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	144.7338011
wavelet-HLH	glszm	ZonePercentage	0.238415546
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	3.038378532
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	95976.94984
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	207.5799373
wavelet-HLH	glszm	SmallAreaEmphasis	0.687682424
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.01253872
wavelet-HLH	glszm	ZoneEntropy	5.612401952
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01033412
wavelet-HLH	ngtdm	Coarseness	0.005610904
wavelet-HLH	ngtdm	Complexity	467.9109853
wavelet-HLH	ngtdm	Strength	1.017205468
wavelet-HLH	ngtdm	Contrast	0.058353349
wavelet-HLH	ngtdm	Busyness	0.404946756

Image type	Feature Class	Feature Name	
general	info	BoundingBox	9: RTSTRUCT: C99-DNU_segment_CTV (1, 1, 1, 12, 13, 12)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	a332a5c78ece82eb351de748aaf75cb8500d6
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general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 2.9999999999999999)
general	info	MaskHash	4e123a06b9dee7f8cd9dde646112fd205c288
general	info	NumpyVersion	264
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	MinorAxis	0.81158305
original	shape	Elongation	29.76841516
original	shape	SurfaceVolumeRatio	0.838949337
original	shape	Volume	0.221710845
original	shape	MajorAxis	19413
original	shape	SurfaceArea	35.4829712
original	shape	Flatness	4304.072643
original	shape	LeastAxis	0.784079455
original	shape	Maximum2DDiameterColumn	27.82146871
original	shape	Maximum2DDiameterRow	36.24913792
original	gldm	GrayLevelVariance	39
original	gldm	HighGrayLevelEmphasis	97.82534466
original	gldm	DependenceEntropy	840.6342142
original	gldm	DependenceNonUniformity	6.628276458
original	gldm	GrayLevelNonUniformity	127.6258693
original	gldm	SmallDependenceEmphasis	58.91655076
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.41272736
original	gldm	DependenceNonUniformityNormalized	219.8094233
original	gldm	LargeDependenceEmphasis	0.177504686
original	gldm	LargeDependenceLowGrayLevelEmphasis	46.44923505
original	gldm	DependenceVariance	0.04414981
original	gldm	LargeDependenceHighGrayLevelEmphasis	23.57184004
			57901.91377



original	gldm	SmallDependenceLowGrayLevelEmphasis	0.00497077
original	gldm	LowGrayLevelEmphasis	0.005939583
original	glcm	JointAverage	29.36177415
original	glcm	SumAverage	58.72354831
original	glcm	JointEntropy	7.251263495
original	glcm	ClusterShade	-3673.82444
original	glcm	MaximumProbability	0.098076562
original	glcm	Idmn	0.953556836
original	glcm	JointEnergy	0.025567241
original	glcm	Contrast	83.71373287
original	glcm	DifferenceEntropy	3.933573814
original	glcm	InverseVariance	0.259793597
original	glcm	DifferenceVariance	48.48986398
original	glcm	Idn	0.884339366
original	glcm	Idm	0.327311174
original	glcm	Correlation	0.45475059
original	glcm	Autocorrelation	897.5183148
original	glcm	SumEntropy	5.035978008
original	glcm	SumSquares	77.1791461
original	glcm	ClusterProminence	161139.8681
original	glcm	Imc2	0.914975785
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original	glcm	Id	0.384389805
original	glcm	ClusterTendency	225.0028516
original	firstorder	InterquartileRange	388.5
original	firstorder	Skewness	-0.869615363
original	firstorder	Uniformity	0.081942352
original	firstorder	Median	-58
original	firstorder	Energy	67923738
original	firstorder	RobustMeanAbsoluteDeviation	169.1747429
original	firstorder	MeanAbsoluteDeviation	214.3434147
original	firstorder	TotalEnergy	1833940926
original	firstorder	Maximum	85
original	firstorder	RootMeanSquared	307.3592897
original	firstorder	90Percentile	40
original	firstorder	Minimum	-837
original	firstorder	Entropy	4.426529488
original	firstorder	Range	922
original	firstorder	Variance	61378.1256
original	firstorder	10Percentile	-593.6
original	firstorder	Kurtosis	2.411122534
original	firstorder	Mean	-181.9109875
original	glrlm	ShortRunLowGrayLevelEmphasis	0.006685568
original	glrlm	GrayLevelVariance	100.8378007
original	glrlm	LowGrayLevelRunEmphasis	0.006786173
original	glrlm	GrayLevelNonUniformityNormalized	0.057853074
original	glrlm	RunVariance	0.286034111
original	glrlm	GrayLevelNonUniformity	35.57572161
original	glrlm	LongRunEmphasis	1.658080729
original	glrlm	ShortRunHighGrayLevelEmphasis	662.8651308
original	glrlm	RunLengthNonUniformity	481.936548
original	glrlm	ShortRunEmphasis	0.904965386

original	glrlm	LongRunHighGrayLevelEmphasis	1584.670976
original	glrlm	RunPercentage	0.85449877
original	glrlm	LongRunLowGrayLevelEmphasis	0.007407298
original	glrlm	RunEntropy	5.167443579
original	glrlm	HighGrayLevelRunEmphasis	776.5256973
original	glrlm	RunLengthNonUniformityNormalized	0.783898813
original	glszm	GrayLevelVariance	88.74433902
original	glszm	ZoneVariance	99.57352574
original	glszm	GrayLevelNonUniformityNormalized	0.031660831
original	glszm	SizeZoneNonUniformityNormalized	0.606932678
original	glszm	SizeZoneNonUniformity	199.6808511
original	glszm	GrayLevelNonUniformity	10.41641337
original	glszm	LargeAreaEmphasis	104.3495441
original	glszm	SmallAreaHighGrayLevelEmphasis	404.3570766
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.095750495
original	glszm	LargeAreaHighGrayLevelEmphasis	130433.7508
original	glszm	HighGrayLevelZoneEmphasis	533.8389058
original	glszm	SmallAreaEmphasis	0.806980924
original	glszm	LowGrayLevelZoneEmphasis	0.011263078
original	glszm	ZoneEntropy	5.882511646
original	glszm	SmallAreaLowGrayLevelEmphasis	0.010602239
original	ngtdm	Coarseness	0.005649746
original	ngtdm	Complexity	2943.133753
original	ngtdm	Strength	6.05616835
original	ngtdm	Contrast	0.675697521
original	ngtdm	Busyness	0.127146915
wavelet-HHH	gldm	GrayLevelVariance	3.998758127
wavelet-HHH	gldm	HighGrayLevelEmphasis	113.6216968
wavelet-HHH	gldm	DependenceEntropy	5.882981528
wavelet-HHH	gldm	DependenceNonUniformity	73.94297636
wavelet-HHH	gldm	GrayLevelNonUniformity	120.8191933
wavelet-HHH	gldm	SmallDependenceEmphasis	0.208123572
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	24.49914629
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.102841414
wavelet-HHH	gldm	LargeDependenceEmphasis	37.35605007
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.351453403
wavelet-HHH	gldm	DependenceVariance	12.41165194
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4122.1363
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004279547
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.012113111
wavelet-HHH	glcm	JointAverage	10.50379286
wavelet-HHH	glcm	SumAverage	21.00758571
wavelet-HHH	glcm	JointEntropy	5.595201018
wavelet-HHH	glcm	ClusterShade	-1.589644403
wavelet-HHH	glcm	MaximumProbability	0.084825963
wavelet-HHH	glcm	Idmn	0.978407631
wavelet-HHH	glcm	JointEnergy	0.035806246
wavelet-HHH	glcm	Contrast	7.794643887
wavelet-HHH	glcm	DifferenceEntropy	2.628131621
wavelet-HHH	glcm	InverseVariance	0.389752952
wavelet-HHH	glcm	DifferenceVariance	3.780763373
wavelet-HHH	glcm	Idn	0.907839649

wavelet-HHH	glcm	Idm	0.413944945
wavelet-HHH	glcm	Correlation	-0.032377451
wavelet-HHH	glcm	Autocorrelation	110.2020169
wavelet-HHH	glcm	SumEntropy	3.363167595
wavelet-HHH	glcm	SumSquares	3.769437708
wavelet-HHH	glcm	ClusterProminence	280.973619
wavelet-HHH	glcm	Imc2	0.552146114
wavelet-HHH	glcm	Imc1	-0.064122251
wavelet-HHH	glcm	DifferenceAverage	1.993867739
wavelet-HHH	glcm	Id	0.478811401
wavelet-HHH	glcm	ClusterTendency	7.283106945
wavelet-HHH	firstorder	InterquartileRange	50.95127455
wavelet-HHH	firstorder	Skewness	-0.241322738
wavelet-HHH	firstorder	Uniformity	0.168037821
wavelet-HHH	firstorder	Median	0.146836621
wavelet-HHH	firstorder	Energy	1739076.845
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	21.63527361
wavelet-HHH	firstorder	MeanAbsoluteDeviation	35.29591129
wavelet-HHH	firstorder	TotalEnergy	46955074.83
wavelet-HHH	firstorder	Maximum	190.2313753
wavelet-HHH	firstorder	RootMeanSquared	49.18072665
wavelet-HHH	firstorder	90Percentile	57.33296292
wavelet-HHH	firstorder	Minimum	-226.8196092
wavelet-HHH	firstorder	Entropy	2.942352873
wavelet-HHH	firstorder	Range	417.0509845
wavelet-HHH	firstorder	Variance	2417.780228
wavelet-HHH	firstorder	10Percentile	-58.47641301
wavelet-HHH	firstorder	Kurtosis	5.363260233
wavelet-HHH	firstorder	Mean	-0.981654765
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011541871
wavelet-HHH	glrlm	GrayLevelVariance	4.515970069
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.0125995
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.152346748
wavelet-HHH	glrlm	RunVariance	0.249339851
wavelet-HHH	glrlm	GrayLevelNonUniformity	92.71738731
wavelet-HHH	glrlm	LongRunEmphasis	1.646990692
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	101.6723623
wavelet-HHH	glrlm	RunLengthNonUniformity	456.6302236
wavelet-HHH	glrlm	ShortRunEmphasis	0.888780257
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	186.0881397
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.018676621
wavelet-HHH	glrlm	RunEntropy	3.694527709
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	114.0411679
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.7498234
wavelet-HHH	glszm	GrayLevelVariance	11.84678819
wavelet-HHH	glszm	ZoneVariance	448.5763407
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.105709877
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.501157407
wavelet-HHH	glszm	SizeZoneNonUniformity	72.16666667
wavelet-HHH	glszm	GrayLevelNonUniformity	15.22222222
wavelet-HHH	glszm	LargeAreaEmphasis	473.5069444
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	87.23577768

wavelet-HHH	glszm	ZonePercentage	0.200278164
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	54255.93056
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	115.6319444
wavelet-HHH	glszm	SmallAreaEmphasis	0.733330157
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.021852035
wavelet-HHH	glszm	ZoneEntropy	4.886254417
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.0181192
wavelet-HHH	ngtdm	Coarseness	0.009197409
wavelet-HHH	ngtdm	Complexity	166.0562954
wavelet-HHH	ngtdm	Strength	0.819838627
wavelet-HHH	ngtdm	Contrast	0.051083105
wavelet-HHH	ngtdm	Busyness	0.500487784
wavelet-HLL	gldm	GrayLevelVariance	28.52898768
wavelet-HLL	gldm	HighGrayLevelEmphasis	368.2364395
wavelet-HLL	gldm	DependenceEntropy	6.755817024
wavelet-HLL	gldm	DependenceNonUniformity	127.4506259
wavelet-HLL	gldm	GrayLevelNonUniformity	42.48539638
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	112.8518524
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.177260954
wavelet-HLL	gldm	LargeDependenceEmphasis	17.18080668
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.054677316
wavelet-HLL	gldm	DependenceVariance	6.507272309
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	6906.161335
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005321772
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.00798082
wavelet-HLL	glcm	JointAverage	18.44989486
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wavelet-HLL	glcm	JointEntropy	7.820145978
wavelet-HLL	glcm	ClusterShade	-232.2084693
wavelet-HLL	glcm	MaximumProbability	0.03195995
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wavelet-HLL	glcm	JointEnergy	0.007029426
wavelet-HLL	glcm	Contrast	28.13770223
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wavelet-HLL	glcm	InverseVariance	0.251846448
wavelet-HLL	glcm	DifferenceVariance	12.02389388
wavelet-HLL	glcm	Idn	0.892931906
wavelet-HLL	glcm	Idm	0.258487625
wavelet-HLL	glcm	Correlation	0.410859852
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wavelet-HLL	glcm	SumEntropy	4.961988079
wavelet-HLL	glcm	SumSquares	24.20855195
wavelet-HLL	glcm	ClusterProminence	16564.29125
wavelet-HLL	glcm	Imc2	0.839042054
wavelet-HLL	glcm	Imc1	-0.151997242
wavelet-HLL	glcm	DifferenceAverage	3.929962054
wavelet-HLL	glcm	Id	0.343764327
wavelet-HLL	glcm	ClusterTendency	68.69650558
wavelet-HLL	firstorder	InterquartileRange	157.1988653
wavelet-HLL	firstorder	Skewness	-0.468046471
wavelet-HLL	firstorder	Uniformity	0.059089564

wavelet-HLL	firstorder	Median	-33.92221361
wavelet-HLL	firstorder	Energy	14728602.44
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	69.86058105
wavelet-HLL	firstorder	MeanAbsoluteDeviation	104.4952742
wavelet-HLL	firstorder	TotalEnergy	397672265.9
wavelet-HLL	firstorder	Maximum	249.4727171
wavelet-HLL	firstorder	RootMeanSquared	143.1252719
wavelet-HLL	firstorder	90Percentile	112.9372198
wavelet-HLL	firstorder	Minimum	-495.1491059
wavelet-HLL	firstorder	Entropy	4.358974036
wavelet-HLL	firstorder	Range	744.621823
wavelet-HLL	firstorder	Variance	17816.87236
wavelet-HLL	firstorder	10Percentile	-234.2174265
wavelet-HLL	firstorder	Kurtosis	3.227980034
wavelet-HLL	firstorder	Mean	-51.65240641
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.00822343
wavelet-HLL	glrlm	GrayLevelVariance	29.76136297
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.008434067
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.055941022
wavelet-HLL	glrlm	RunVariance	0.121381624
wavelet-HLL	glrlm	GrayLevelNonUniformity	36.7248535
wavelet-HLL	glrlm	LongRunEmphasis	1.325122331
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	341.2613373
wavelet-HLL	glrlm	RunLengthNonUniformity	557.9121875
wavelet-HLL	glrlm	ShortRunEmphasis	0.936711885
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	493.8184876
wavelet-HLL	glrlm	RunPercentage	0.912806248
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.009493767
wavelet-HLL	glrlm	RunEntropy	4.798672519
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	365.9562294
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.848788704
wavelet-HLL	glszm	GrayLevelVariance	41.58360768
wavelet-HLL	glszm	ZoneVariance	28.75677641
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.044471879
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.406419753
wavelet-HLL	glszm	SizeZoneNonUniformity	109.7333333
wavelet-HLL	glszm	GrayLevelNonUniformity	12.00740741
wavelet-HLL	glszm	LargeAreaEmphasis	35.84814815
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	226.4592188
wavelet-HLL	glszm	ZonePercentage	0.375521558
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.114392299
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	14111.00741
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	353.0407407
wavelet-HLL	glszm	SmallAreaEmphasis	0.662315503
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.014937424
wavelet-HLL	glszm	ZoneEntropy	6.127506689
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013218719
wavelet-HLL	ngtdm	Coarseness	0.011055495
wavelet-HLL	ngtdm	Complexity	886.981238
wavelet-HLL	ngtdm	Strength	3.136722209
wavelet-HLL	ngtdm	Contrast	0.192828696
wavelet-HLL	ngtdm	Busyness	0.165098327
wavelet-LHL	gldm	GrayLevelVariance	69.6963446

wavelet-LHL	gldm	HighGrayLevelEmphasis	1259.226704
wavelet-LHL	gldm	DependenceEntropy	6.809748394
wavelet-LHL	gldm	DependenceNonUniformity	166.4130737
wavelet-LHL	gldm	GrayLevelNonUniformity	32.6077886
wavelet-LHL	gldm	SmallDependenceEmphasis	0.460785601
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	592.2377081
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.231450728
wavelet-LHL	gldm	LargeDependenceEmphasis	16.91933241
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015073981
wavelet-LHL	gldm	DependenceVariance	8.250034335
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	22111.47983
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002024337
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002523689
wavelet-LHL	glcm	JointAverage	33.96954875
wavelet-LHL	glcm	SumAverage	67.93909751
wavelet-LHL	glcm	JointEntropy	8.324743617
wavelet-LHL	glcm	ClusterShade	399.3049997
wavelet-LHL	glcm	MaximumProbability	0.034869591
wavelet-LHL	glcm	Idmn	0.980183658
wavelet-LHL	glcm	JointEnergy	0.006128527
wavelet-LHL	glcm	Contrast	105.1787986
wavelet-LHL	glcm	DifferenceEntropy	4.138380018
wavelet-LHL	glcm	InverseVariance	0.213028979
wavelet-LHL	glcm	DifferenceVariance	57.95123686
wavelet-LHL	glcm	Idn	0.919238834
wavelet-LHL	glcm	Idm	0.219242499
wavelet-LHL	glcm	Correlation	0.152644163
wavelet-LHL	glcm	Autocorrelation	1164.512008
wavelet-LHL	glcm	SumEntropy	5.316235037
wavelet-LHL	glcm	SumSquares	63.14026427
wavelet-LHL	glcm	ClusterProminence	114213.8838
wavelet-LHL	glcm	Imc2	0.952874481
wavelet-LHL	glcm	Imc1	-0.254150341
wavelet-LHL	glcm	DifferenceAverage	6.649963442
wavelet-LHL	glcm	Id	0.297324434
wavelet-LHL	glcm	ClusterTendency	147.3822584
wavelet-LHL	firstorder	InterquartileRange	187.4490616
wavelet-LHL	firstorder	Skewness	0.126500357
wavelet-LHL	firstorder	Uniformity	0.045351584
wavelet-LHL	firstorder	Median	-45.02915593
wavelet-LHL	firstorder	Energy	33024593.5
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	89.97444706
wavelet-LHL	firstorder	MeanAbsoluteDeviation	150.378735
wavelet-LHL	firstorder	TotalEnergy	891664024.6
wavelet-LHL	firstorder	Maximum	777.6075807
wavelet-LHL	firstorder	RootMeanSquared	214.315852
wavelet-LHL	firstorder	90Percentile	224.7322771
wavelet-LHL	firstorder	Minimum	-889.3132791
wavelet-LHL	firstorder	Entropy	4.911957796
wavelet-LHL	firstorder	Range	1666.92086
wavelet-LHL	firstorder	Variance	43442.48785
wavelet-LHL	firstorder	10Percentile	-306.8033877
wavelet-LHL	firstorder	Kurtosis	4.312879173

wavelet-LHL	firstorder	Mean	-49.88783992
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002615775
wavelet-LHL	glrlm	GrayLevelVariance	73.81021094
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002660595
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.041417023
wavelet-LHL	glrlm	RunVariance	0.10867044
wavelet-LHL	glrlm	GrayLevelNonUniformity	27.55823204
wavelet-LHL	glrlm	LongRunEmphasis	1.278392724
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1191.023262
wavelet-LHL	glrlm	RunLengthNonUniformity	580.5426187
wavelet-LHL	glrlm	ShortRunEmphasis	0.947336627
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1614.772656
wavelet-LHL	glrlm	RunPercentage	0.925216647
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002891605
wavelet-LHL	glrlm	RunEntropy	5.296561745
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1257.879807
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.872136208
wavelet-LHL	glszm	GrayLevelVariance	106.2263791
wavelet-LHL	glszm	ZoneVariance	19.57729453
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028987742
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.559932727
wavelet-LHL	glszm	SizeZoneNonUniformity	206.6151762
wavelet-LHL	glszm	GrayLevelNonUniformity	10.69647696
wavelet-LHL	glszm	LargeAreaEmphasis	23.37398374
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1006.668615
wavelet-LHL	glszm	ZonePercentage	0.513212796
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.021747207
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	30308.13008
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1283.701897
wavelet-LHL	glszm	SmallAreaEmphasis	0.775979561
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004053117
wavelet-LHL	glszm	ZoneEntropy	6.312320397
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003822798
wavelet-LHL	ngtdm	Coarseness	0.011250253
wavelet-LHL	ngtdm	Complexity	5486.3206
wavelet-LHL	ngtdm	Strength	9.865152577
wavelet-LHL	ngtdm	Contrast	0.251318635
wavelet-LHL	ngtdm	Busyness	0.041724666
wavelet-LHH	gldm	GrayLevelVariance	16.49020719
wavelet-LHH	gldm	HighGrayLevelEmphasis	293.8817803
wavelet-LHH	gldm	DependenceEntropy	6.255168624
wavelet-LHH	gldm	DependenceNonUniformity	116.0653686
wavelet-LHH	gldm	GrayLevelNonUniformity	68.79694019
wavelet-LHH	gldm	SmallDependenceEmphasis	0.340696805
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	107.0522087
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.161426104
wavelet-LHH	gldm	LargeDependenceEmphasis	26.9054242
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.106167063
wavelet-LHH	gldm	DependenceVariance	12.05238693
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	7220.090403
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003304938
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006079789
wavelet-LHH	glcm	JointAverage	16.67089762

wavelet-LHH	glcm	SumAverage	33.34179524
wavelet-LHH	glcm	JointEntropy	7.087623332
wavelet-LHH	glcm	ClusterShade	15.10326909
wavelet-LHH	glcm	MaximumProbability	0.070085693
wavelet-LHH	glcm	Idmn	0.974174064
wavelet-LHH	glcm	JointEnergy	0.016036276
wavelet-LHH	glcm	Contrast	29.96836585
wavelet-LHH	glcm	DifferenceEntropy	3.459620358
wavelet-LHH	glcm	InverseVariance	0.278630386
wavelet-LHH	glcm	DifferenceVariance	15.09367601
wavelet-LHH	glcm	Idn	0.903003703
wavelet-LHH	glcm	Idm	0.299857325
wavelet-LHH	glcm	Correlation	-0.008899447
wavelet-LHH	glcm	Autocorrelation	277.7520137
wavelet-LHH	glcm	SumEntropy	4.291034716
wavelet-LHH	glcm	SumSquares	14.81019603
wavelet-LHH	glcm	ClusterProminence	4485.365557
wavelet-LHH	glcm	Imc2	0.781958944
wavelet-LHH	glcm	Imc1	-0.126640504
wavelet-LHH	glcm	DifferenceAverage	3.810468393
wavelet-LHH	glcm	Id	0.376506591
wavelet-LHH	glcm	ClusterTendency	29.27241829
wavelet-LHH	firstorder	InterquartileRange	98.25892871
wavelet-LHH	firstorder	Skewness	0.181903755
wavelet-LHH	firstorder	Uniformity	0.095684201
wavelet-LHH	firstorder	Median	-5.799928482
wavelet-LHH	firstorder	Energy	7389889.352
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	41.55061027
wavelet-LHH	firstorder	MeanAbsoluteDeviation	72.00658435
wavelet-LHH	firstorder	TotalEnergy	199527012.5
wavelet-LHH	firstorder	Maximum	377.4957852
wavelet-LHH	firstorder	RootMeanSquared	101.3805219
wavelet-LHH	firstorder	90Percentile	131.0138276
wavelet-LHH	firstorder	Minimum	-380.3370513
wavelet-LHH	firstorder	Entropy	3.898342294
wavelet-LHH	firstorder	Range	757.8328364
wavelet-LHH	firstorder	Variance	10261.93517
wavelet-LHH	firstorder	10Percentile	-106.5214868
wavelet-LHH	firstorder	Kurtosis	4.454913925
wavelet-LHH	firstorder	Mean	4.009371143
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.006041636
wavelet-LHH	glrlm	GrayLevelVariance	18.07407646
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.006342663
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.083467954
wavelet-LHH	glrlm	RunVariance	0.17934864
wavelet-LHH	glrlm	GrayLevelNonUniformity	53.45220963
wavelet-LHH	glrlm	LongRunEmphasis	1.443903969
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	275.5968849
wavelet-LHH	glrlm	RunLengthNonUniformity	525.7490051
wavelet-LHH	glrlm	ShortRunEmphasis	0.923516843
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	416.6997809
wavelet-LHH	glrlm	RunPercentage	0.89023216
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.008105095



wavelet-LHH	glrlm	RunEntropy	4.464073063
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	296.5765697
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.820566632
wavelet-LHH	glszm	GrayLevelVariance	32.16246914
wavelet-LHH	glszm	ZoneVariance	92.37899863
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.051961591
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.487379973
wavelet-LHH	glszm	SizeZoneNonUniformity	131.5925926
wavelet-LHH	glszm	GrayLevelNonUniformity	14.02962963
wavelet-LHH	glszm	LargeAreaEmphasis	99.47037037
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	231.8769142
wavelet-LHH	glszm	ZonePercentage	0.375521558
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.388656287
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	26247.24074
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	318.1481481
wavelet-LHH	glszm	SmallAreaEmphasis	0.725166176
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.009260322
wavelet-LHH	glszm	ZoneEntropy	5.699732822
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007965607
wavelet-LHH	ngtdm	Coarseness	0.00989693
wavelet-LHH	ngtdm	Complexity	910.413638
wavelet-LHH	ngtdm	Strength	2.21329382
wavelet-LHH	ngtdm	Contrast	0.131881386
wavelet-LHH	ngtdm	Busyness	0.179106437
wavelet-LLH	gldm	GrayLevelVariance	164.2320678
wavelet-LLH	gldm	HighGrayLevelEmphasis	11268.52573
wavelet-LLH	gldm	DependenceEntropy	6.817454602
wavelet-LLH	gldm	DependenceNonUniformity	167.9123783
wavelet-LLH	gldm	GrayLevelNonUniformity	38.73574409
wavelet-LLH	gldm	SmallDependenceEmphasis	0.466556034
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	5314.056619
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.233535992
wavelet-LLH	gldm	LargeDependenceEmphasis	13.76773296
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.002626884
wavelet-LLH	gldm	DependenceVariance	5.882494037
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	154851.5716
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001439443
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.001487898
wavelet-LLH	glcm	JointAverage	105.4236327
wavelet-LLH	glcm	SumAverage	210.8472653
wavelet-LLH	glcm	JointEntropy	8.122731787
wavelet-LLH	glcm	ClusterShade	2161.493152
wavelet-LLH	glcm	MaximumProbability	0.033731438
wavelet-LLH	glcm	Idmn	0.993344041
wavelet-LLH	glcm	JointEnergy	0.007197528
wavelet-LLH	glcm	Contrast	234.0661786
wavelet-LLH	glcm	DifferenceEntropy	4.193681667
wavelet-LLH	glcm	InverseVariance	0.213287484
wavelet-LLH	glcm	DifferenceVariance	169.016061
wavelet-LLH	glcm	Idn	0.960401592
wavelet-LLH	glcm	Idm	0.213030579
wavelet-LLH	glcm	Correlation	0.051282631
wavelet-LLH	glcm	Autocorrelation	11123.57243

wavelet-LLH	glcm	SumEntropy	5.257222135
wavelet-LLH	glcm	SumSquares	126.4493448
wavelet-LLH	glcm	ClusterProminence	1574384.942
wavelet-LLH	glcm	Imc2	0.954740531
wavelet-LLH	glcm	Imc1	-0.263671943
wavelet-LLH	glcm	DifferenceAverage	7.732349773
wavelet-LLH	glcm	Id	0.291478662
wavelet-LLH	glcm	ClusterTendency	271.7312004
wavelet-LLH	firstorder	InterquartileRange	160.406842
wavelet-LLH	firstorder	Skewness	-0.729088055
wavelet-LLH	firstorder	Uniformity	0.05387447
wavelet-LLH	firstorder	Median	-27.39085924
wavelet-LLH	firstorder	Energy	74401777.14
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	77.46945459
wavelet-LLH	firstorder	MeanAbsoluteDeviation	172.6571941
wavelet-LLH	firstorder	TotalEnergy	2008847983
wavelet-LLH	firstorder	Maximum	1599.312307
wavelet-LLH	firstorder	RootMeanSquared	321.6823327
wavelet-LLH	firstorder	90Percentile	224.6536831
wavelet-LLH	firstorder	Minimum	-2628.719304
wavelet-LLH	firstorder	Entropy	4.88073832
wavelet-LLH	firstorder	Range	4228.031611
wavelet-LLH	firstorder	Variance	102720.0457
wavelet-LLH	firstorder	10Percentile	-271.6928961
wavelet-LLH	firstorder	Kurtosis	18.11690911
wavelet-LLH	firstorder	Mean	-27.55861826
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001589387
wavelet-LLH	glrlm	GrayLevelVariance	175.103679
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00159377
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.049051967
wavelet-LLH	glrlm	RunVariance	0.103899904
wavelet-LLH	glrlm	GrayLevelNonUniformity	32.83646669
wavelet-LLH	glrlm	LongRunEmphasis	1.262203883
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	10728.7489
wavelet-LLH	glrlm	RunLengthNonUniformity	590.6347499
wavelet-LLH	glrlm	ShortRunEmphasis	0.951332622
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	14215.77329
wavelet-LLH	glrlm	RunPercentage	0.930458971
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001617271
wavelet-LLH	glrlm	RunEntropy	5.263315062
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	11273.2226
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.881736969
wavelet-LLH	glszm	GrayLevelVariance	288.6109482
wavelet-LLH	glszm	ZoneVariance	28.59505973
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030061846
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.581435752
wavelet-LLH	glszm	SizeZoneNonUniformity	213.386921
wavelet-LLH	glszm	GrayLevelNonUniformity	11.03269755
wavelet-LLH	glszm	LargeAreaEmphasis	32.43324251
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	9022.437796
wavelet-LLH	glszm	ZonePercentage	0.510431154
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.00561915
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	365877.5477

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	11375.49591
wavelet-LLH	glszm	SmallAreaEmphasis	0.789360526
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002828065
wavelet-LLH	glszm	ZoneEntropy	6.410372509
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002808639
wavelet-LLH	ngtdm	Coarseness	0.009256634
wavelet-LLH	ngtdm	Complexity	19135.0296
wavelet-LLH	ngtdm	Strength	41.15809095
wavelet-LLH	ngtdm	Contrast	0.396708918
wavelet-LLH	ngtdm	Busyness	0.010220896
wavelet-LLL	gldm	GrayLevelVariance	668.1242763
wavelet-LLL	gldm	HighGrayLevelEmphasis	4567.162726
wavelet-LLL	gldm	DependenceEntropy	7.258616194
wavelet-LLL	gldm	DependenceNonUniformity	284.5215577
wavelet-LLL	gldm	GrayLevelNonUniformity	14.77468707
wavelet-LLL	gldm	SmallDependenceEmphasis	0.652518116
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2266.934596
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.395718439
wavelet-LLL	gldm	LargeDependenceEmphasis	8.938803894
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004574858
wavelet-LLL	gldm	DependenceVariance	4.321385946
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	64051.29068
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003232815
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003329534
wavelet-LLL	glcm	JointAverage	68.38462253
wavelet-LLL	glcm	SumAverage	136.7692451
wavelet-LLL	glcm	JointEntropy	9.29748147
wavelet-LLL	glcm	ClusterShade	-58782.63723
wavelet-LLL	glcm	MaximumProbability	0.019916574
wavelet-LLL	glcm	Idmn	0.957816702
wavelet-LLL	glcm	JointEnergy	0.002805069
wavelet-LLL	glcm	Contrast	475.594922
wavelet-LLL	glcm	DifferenceEntropy	5.261607371
wavelet-LLL	glcm	InverseVariance	0.13276233
wavelet-LLL	glcm	DifferenceVariance	229.2073882
wavelet-LLL	glcm	Idn	0.876987114
wavelet-LLL	glcm	Idm	0.133640272
wavelet-LLL	glcm	Correlation	0.566601605
wavelet-LLL	glcm	Autocorrelation	4990.63136
wavelet-LLL	glcm	SumEntropy	6.703886979
wavelet-LLL	glcm	SumSquares	551.3564887
wavelet-LLL	glcm	ClusterProminence	7949457.064
wavelet-LLL	glcm	Imc2	0.996485761
wavelet-LLL	glcm	Imc1	-0.421816255
wavelet-LLL	glcm	DifferenceAverage	15.5602849
wavelet-LLL	glcm	Id	0.196006655
wavelet-LLL	glcm	ClusterTendency	1729.831033
wavelet-LLL	firstorder	InterquartileRange	1138.933648
wavelet-LLL	firstorder	Skewness	-0.581305523
wavelet-LLL	firstorder	Uniformity	0.020548939
wavelet-LLL	firstorder	Median	-396.0888893
wavelet-LLL	firstorder	Energy	518444299.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	446.756241

wavelet-LLL	firstorder	MeanAbsoluteDeviation	560.3493527
wavelet-LLL	firstorder	TotalEnergy	13997996097
wavelet-LLL	firstorder	Maximum	334.2404822
wavelet-LLL	firstorder	RootMeanSquared	849.1542875
wavelet-LLL	firstorder	90Percentile	124.8919858
wavelet-LLL	firstorder	Minimum	-2093.001082
wavelet-LLL	firstorder	Entropy	6.133660365
wavelet-LLL	firstorder	Range	2427.241565
wavelet-LLL	firstorder	Variance	417544.9806
wavelet-LLL	firstorder	10Percentile	-1555.117984
wavelet-LLL	firstorder	Kurtosis	2.0900295
wavelet-LLL	firstorder	Mean	-550.9246985
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003469376
wavelet-LLL	glrlm	GrayLevelVariance	668.841104
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003475487
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.018277281
wavelet-LLL	glrlm	RunVariance	0.060828288
wavelet-LLL	glrlm	GrayLevelNonUniformity	12.56714778
wavelet-LLL	glrlm	LongRunEmphasis	1.156290662
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4221.813287
wavelet-LLL	glrlm	RunLengthNonUniformity	634.8720629
wavelet-LLL	glrlm	ShortRunEmphasis	0.969335603
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5582.464182
wavelet-LLL	glrlm	RunPercentage	0.9558147
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003504318
wavelet-LLL	glrlm	RunEntropy	6.368776459
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4442.376838
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.923439649
wavelet-LLL	glszm	GrayLevelVariance	624.401824
wavelet-LLL	glszm	ZoneVariance	7.714156
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012736
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.736896
wavelet-LLL	glszm	SizeZoneNonUniformity	368.448
wavelet-LLL	glszm	GrayLevelNonUniformity	6.368
wavelet-LLL	glszm	LargeAreaEmphasis	9.782
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2908.82155
wavelet-LLL	glszm	ZonePercentage	0.695410292
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.005971654
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	70290.084
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3564.644
wavelet-LLL	glszm	SmallAreaEmphasis	0.8805341
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004680802
wavelet-LLL	glszm	ZoneEntropy	6.870807668
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004628744
wavelet-LLL	ngtdm	Coarseness	0.00879967
wavelet-LLL	ngtdm	Complexity	38104.1103
wavelet-LLL	ngtdm	Strength	39.90633791
wavelet-LLL	ngtdm	Contrast	1.566355767
wavelet-LLL	ngtdm	Busyness	0.016412608
wavelet-HHL	gldm	GrayLevelVariance	6.376794381
wavelet-HHL	gldm	HighGrayLevelEmphasis	115.9123783
wavelet-HHL	gldm	DependenceEntropy	6.046900707
wavelet-HHL	gldm	DependenceNonUniformity	88.84979138

wavelet-HHL	gldm	GrayLevelNonUniformity	94.12100139
wavelet-HHL	gldm	SmallDependenceEmphasis	0.222418286
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	28.81780697
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.123574119
wavelet-HHL	gldm	LargeDependenceEmphasis	32.82475661
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.326407569
wavelet-HHL	gldm	DependenceVariance	12.43055085
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3495.848401
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.0064187
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.014637716
wavelet-HHL	glcm	JointAverage	10.48452852
wavelet-HHL	glcm	SumAverage	20.96905704
wavelet-HHL	glcm	JointEntropy	6.25293144
wavelet-HHL	glcm	ClusterShade	-0.03801868
wavelet-HHL	glcm	MaximumProbability	0.079045307
wavelet-HHL	glcm	Idmn	0.972672596
wavelet-HHL	glcm	JointEnergy	0.023497621
wavelet-HHL	glcm	Contrast	12.4750585
wavelet-HHL	glcm	DifferenceEntropy	2.910470699
wavelet-HHL	glcm	InverseVariance	0.346167652
wavelet-HHL	glcm	DifferenceVariance	6.086975705
wavelet-HHL	glcm	Idn	0.898423991
wavelet-HHL	glcm	Idm	0.368249939
wavelet-HHL	glcm	Correlation	-0.001398379
wavelet-HHL	glcm	Autocorrelation	109.934146
wavelet-HHL	glcm	SumEntropy	3.74512549
wavelet-HHL	glcm	SumSquares	6.241947163
wavelet-HHL	glcm	ClusterProminence	797.7568248
wavelet-HHL	glcm	Imc2	0.629440164
wavelet-HHL	glcm	Imc1	-0.080811669
wavelet-HHL	glcm	DifferenceAverage	2.499647003
wavelet-HHL	glcm	Id	0.440007616
wavelet-HHL	glcm	ClusterTendency	12.49273016
wavelet-HHL	firstorder	InterquartileRange	66.92393332
wavelet-HHL	firstorder	Skewness	0.054357189
wavelet-HHL	firstorder	Uniformity	0.130905426
wavelet-HHL	firstorder	Median	-4.436401124
wavelet-HHL	firstorder	Energy	2841132.94
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	28.76105786
wavelet-HHL	firstorder	MeanAbsoluteDeviation	46.15442284
wavelet-HHL	firstorder	TotalEnergy	76710589.37
wavelet-HHL	firstorder	Maximum	249.1082266
wavelet-HHL	firstorder	RootMeanSquared	62.86100679
wavelet-HHL	firstorder	90Percentile	77.2420554
wavelet-HHL	firstorder	Minimum	-233.929031
wavelet-HHL	firstorder	Entropy	3.304757993
wavelet-HHL	firstorder	Range	483.0372577
wavelet-HHL	firstorder	Variance	3950.591459
wavelet-HHL	firstorder	10Percentile	-70.0919001
wavelet-HHL	firstorder	Kurtosis	4.517756964
wavelet-HHL	firstorder	Mean	-0.956407883
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014409088
wavelet-HHL	glrlm	GrayLevelVariance	7.074338803

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.015373553
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.118850552
wavelet-HHL	glrlm	RunVariance	0.22109381
wavelet-HHL	glrlm	GrayLevelNonUniformity	73.90247324
wavelet-HHL	glrlm	LongRunEmphasis	1.562193714
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	106.5302928
wavelet-HHL	glrlm	RunLengthNonUniformity	485.7702222
wavelet-HHL	glrlm	ShortRunEmphasis	0.903891968
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	177.8832095
wavelet-HHL	glrlm	RunPercentage	0.864769445
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.020950072
wavelet-HHL	glrlm	RunEntropy	3.972477971
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	117.0407833
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.780171743
wavelet-HHL	glszm	GrayLevelVariance	15.746755
wavelet-HHL	glszm	ZoneVariance	234.5896092
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.079570038
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.381963223
wavelet-HHL	glszm	SizeZoneNonUniformity	65.69767442
wavelet-HHL	glszm	GrayLevelNonUniformity	13.68604651
wavelet-HHL	glszm	LargeAreaEmphasis	252.0639535
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	86.43755834
wavelet-HHL	glszm	ZonePercentage	0.23922114
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.482970619
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	26594.52907
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	129.4418605
wavelet-HHL	glszm	SmallAreaEmphasis	0.639642379
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.028301938
wavelet-HHL	glszm	ZoneEntropy	5.42604838
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.023545834
wavelet-HHL	ngtdm	Coarseness	0.00952081
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wavelet-HHL	ngtdm	Strength	1.040598012
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wavelet-HHL	ngtdm	Busyness	0.42648633
wavelet-HLH	gldm	GrayLevelVariance	8.569338886
wavelet-HLH	gldm	HighGrayLevelEmphasis	99.91933241
wavelet-HLH	gldm	DependenceEntropy	6.141281038
wavelet-HLH	gldm	DependenceNonUniformity	92.57162726
wavelet-HLH	gldm	GrayLevelNonUniformity	86.02086231
wavelet-HLH	gldm	SmallDependenceEmphasis	0.25419071
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	30.66890075
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.128750525
wavelet-HLH	gldm	LargeDependenceEmphasis	26.98887344
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.34752235
wavelet-HLH	gldm	DependenceVariance	9.428227661
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2414.91516
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011788413
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.024428894
wavelet-HLH	glcm	JointAverage	9.558615215
wavelet-HLH	glcm	SumAverage	19.11723043
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wavelet-HLH	glcm	ClusterShade	31.83883264

wavelet-HLH	glcm	MaximumProbability	0.059077613
wavelet-HLH	glcm	Idmn	0.978387255
wavelet-HLH	glcm	JointEnergy	0.021165281
wavelet-HLH	glcm	Contrast	15.27291403
wavelet-HLH	glcm	DifferenceEntropy	3.016071071
wavelet-HLH	glcm	InverseVariance	0.341083402
wavelet-HLH	glcm	DifferenceVariance	7.773685139
wavelet-HLH	glcm	Idn	0.909918066
wavelet-HLH	glcm	Idm	0.350098519
wavelet-HLH	glcm	Correlation	-0.005068064
wavelet-HLH	glcm	Autocorrelation	91.33664504
wavelet-HLH	glcm	SumEntropy	3.843108875
wavelet-HLH	glcm	SumSquares	7.603635459
wavelet-HLH	glcm	ClusterProminence	1393.651336
wavelet-HLH	glcm	Imc2	0.681468202
wavelet-HLH	glcm	Imc1	-0.094610572
wavelet-HLH	glcm	DifferenceAverage	2.717432332
wavelet-HLH	glcm	Id	0.423688217
wavelet-HLH	glcm	ClusterTendency	15.14162781
wavelet-HLH	firstorder	InterquartileRange	71.85775983
wavelet-HLH	firstorder	Skewness	0.487860988
wavelet-HLH	firstorder	Uniformity	0.119639586
wavelet-HLH	firstorder	Median	-0.658501606
wavelet-HLH	firstorder	Energy	3806718.62
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	30.48360512
wavelet-HLH	firstorder	MeanAbsoluteDeviation	51.44777782
wavelet-HLH	firstorder	TotalEnergy	102781402.7
wavelet-HLH	firstorder	Maximum	380.0238783
wavelet-HLH	firstorder	RootMeanSquared	72.76305804
wavelet-HLH	firstorder	90Percentile	86.82300185
wavelet-HLH	firstorder	Minimum	-224.6939774
wavelet-HLH	firstorder	Entropy	3.472312876
wavelet-HLH	firstorder	Range	604.7178557
wavelet-HLH	firstorder	Variance	5292.718935
wavelet-HLH	firstorder	10Percentile	-79.36483503
wavelet-HLH	firstorder	Kurtosis	5.515368803
wavelet-HLH	firstorder	Mean	1.32048459
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.024682057
wavelet-HLH	glrlm	GrayLevelVariance	9.458234313
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.02594224
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.10947709
wavelet-HLH	glrlm	RunVariance	0.179471592
wavelet-HLH	glrlm	GrayLevelNonUniformity	69.06703628
wavelet-HLH	glrlm	LongRunEmphasis	1.481829402
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	93.11986737
wavelet-HLH	glrlm	RunLengthNonUniformity	499.5076079
wavelet-HLH	glrlm	ShortRunEmphasis	0.909739744
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	144.5031155
wavelet-HLH	glrlm	RunPercentage	0.87728683
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.032438288
wavelet-HLH	glrlm	RunEntropy	4.097168561
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	101.2981754
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.791058444

wavelet-HLH	glszm	GrayLevelVariance	21.65806858
wavelet-HLH	glszm	ZoneVariance	175.2272142
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.070475042
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.453468929
wavelet-HLH	glszm	SizeZoneNonUniformity	86.61256545
wavelet-HLH	glszm	GrayLevelNonUniformity	13.46073298
wavelet-HLH	glszm	LargeAreaEmphasis	189.3979058
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	91.00850683
wavelet-HLH	glszm	ZonePercentage	0.265646732
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	2.216677029
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	17298.67016
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	123.8691099
wavelet-HLH	glszm	SmallAreaEmphasis	0.699938654
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.048385036
wavelet-HLH	glszm	ZoneEntropy	5.441522875
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.038805032
wavelet-HLH	ngtdm	Coarseness	0.009841986
wavelet-HLH	ngtdm	Complexity	428.0395809
wavelet-HLH	ngtdm	Strength	1.60737345
wavelet-HLH	ngtdm	Contrast	0.079648397
wavelet-HLH	ngtdm	Busyness	0.385486711



Image type	Feature Class	Feature Name	Value
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	387
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original	shape	SurfaceVolumeRatio	0.290548447
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original	shape	MajorAxis	36.50366731
original	shape	SurfaceArea	3035.940725
original	shape	Flatness	0.483501559
original	shape	LeastAxis	17.64958005
original	shape	Maximum2DDiameterColumn	37.94733192
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original	gldm	GrayLevelVariance	117.4768477
original	gldm	HighGrayLevelEmphasis	998.6614987
original	gldm	DependenceEntropy	6.434912325
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original	gldm	SmallDependenceEmphasis	0.603296065
original	gldm	SmallDependenceHighGrayLevelEmphasis	514.5659176
original	gldm	DependenceNonUniformityNormalized	0.368053469

original	gldm	LargeDependenceEmphasis	4.751937984
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.008964341
original	gldm	DependenceVariance	1.433327324
original	gldm	LargeDependenceHighGrayLevelEmphasis	6387.581395
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004278776
original	gldm	LowGrayLevelEmphasis	0.00480494
original	glcm	JointAverage	30.97204734
original	glcm	SumAverage	61.94409468
original	glcm	JointEntropy	8.572038457
original	glcm	ClusterShade	-1213.983776
original	glcm	MaximumProbability	0.011395868
original	glcm	ldmn	0.936807017
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original	glcm	Contrast	172.8082443
original	glcm	DifferenceEntropy	4.646183538
original	glcm	InverseVariance	0.128556306
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original	glcm	Correlation	0.252011488
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original	glcm	ClusterTendency	288.4380107
original	firstorder	InterquartileRange	471.5
original	firstorder	Skewness	-0.216533495
original	firstorder	Uniformity	0.030066302
original	firstorder	Median	-294
original	firstorder	Energy	68173733
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original	firstorder	RootMeanSquared	419.7136128
original	firstorder	90Percentile	27.4
original	firstorder	Minimum	-1027
original	firstorder	Entropy	5.199188186
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original	firstorder	Variance	73387.08575
original	firstorder	10Percentile	-688.4
original	firstorder	Kurtosis	1.942061873
original	firstorder	Mean	-320.5813953
original	glrlm	ShortRunLowGrayLevelEmphasis	0.004893234
original	glrlm	GrayLevelVariance	117.1374507
original	glrlm	LowGrayLevelRunEmphasis	0.004921976
original	glrlm	GrayLevelNonUniformityNormalized	0.029629107
original	glrlm	RunVariance	0.03527405

original	glrlm	GrayLevelNonUniformity	11.10468552
original	glrlm	LongRunEmphasis	1.101902386
original	glrlm	ShortRunHighGrayLevelEmphasis	957.0261738
original	glrlm	RunLengthNonUniformity	352.4213158
original	glrlm	ShortRunEmphasis	0.97658679
original	glrlm	LongRunHighGrayLevelEmphasis	1123.488849
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original	glrlm	LongRunLowGrayLevelEmphasis	0.00504735
original	glrlm	RunEntropy	5.350171344
original	glrlm	HighGrayLevelRunEmphasis	987.946213
original	glrlm	RunLengthNonUniformityNormalized	0.940206203
original	glszm	GrayLevelVariance	116.0943639
original	glszm	ZoneVariance	1.834482249
original	glszm	GrayLevelNonUniformityNormalized	0.027928994
original	glszm	SizeZoneNonUniformityNormalized	0.602278107
original	glszm	SizeZoneNonUniformity	156.5923077
original	glszm	GrayLevelNonUniformity	7.261538462
original	glszm	LargeAreaEmphasis	4.05
original	glszm	SmallAreaHighGrayLevelEmphasis	656.0964583
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.009863114
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original	glszm	HighGrayLevelZoneEmphasis	881.0423077
original	glszm	SmallAreaEmphasis	0.803730204
original	glszm	LowGrayLevelZoneEmphasis	0.006518829
original	glszm	ZoneEntropy	6.06434912
original	glszm	SmallAreaLowGrayLevelEmphasis	0.006243225
original	ngtdm	Coarseness	0.012866622
original	ngtdm	Complexity	5508.000479
original	ngtdm	Strength	9.626238498
original	ngtdm	Contrast	0.892504013
original	ngtdm	Busyness	0.067468115
wavelet-HHH	gldm	GrayLevelVariance	17.8417296
wavelet-HHH	gldm	HighGrayLevelEmphasis	398.0413437
wavelet-HHH	gldm	DependenceEntropy	5.864839567
wavelet-HHH	gldm	DependenceNonUniformity	88.10077519
wavelet-HHH	gldm	GrayLevelNonUniformity	31.24806202
wavelet-HHH	gldm	SmallDependenceEmphasis	0.413344504
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	169.8411079
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.227650582
wavelet-HHH	gldm	LargeDependenceEmphasis	9.098191214
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.027428543
wavelet-HHH	gldm	DependenceVariance	2.620048208
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3563.416021
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.0041151
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.005771318
wavelet-HHH	glcm	JointAverage	19.50959393
wavelet-HHH	glcm	SumAverage	39.01918786
wavelet-HHH	glcm	JointEntropy	7.373847503
wavelet-HHH	glcm	ClusterShade	-24.97082254
wavelet-HHH	glcm	MaximumProbability	0.0259538
wavelet-HHH	glcm	ldmn	0.967450568

wavelet-HHH	glcm	JointEnergy	0.008310364
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wavelet-HHH	glcm	SumEntropy	4.437186918
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wavelet-HHH	firstorder	InterquartileRange	105.8315925
wavelet-HHH	firstorder	Skewness	-0.251885806
wavelet-HHH	firstorder	Uniformity	0.080744346
wavelet-HHH	firstorder	Median	5.910536635
wavelet-HHH	firstorder	Energy	4325549.509
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	48.56252745
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wavelet-HHH	firstorder	Maximum	319.9189873
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wavelet-HHH	firstorder	Minimum	-472.4981458
wavelet-HHH	firstorder	Entropy	4.010779887
wavelet-HHH	firstorder	Range	792.4171331
wavelet-HHH	firstorder	Variance	11177.10624
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wavelet-HHH	firstorder	Kurtosis	4.706453163
wavelet-HHH	firstorder	Mean	0.155795346
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.005841462
wavelet-HHH	glrlm	GrayLevelVariance	18.6441108
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00596403
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.077421629
wavelet-HHH	glrlm	RunVariance	0.068954148
wavelet-HHH	glrlm	GrayLevelNonUniformity	28.18496347
wavelet-HHH	glrlm	LongRunEmphasis	1.200032107
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	381.2183995
wavelet-HHH	glrlm	RunLengthNonUniformity	323.8217375
wavelet-HHH	glrlm	ShortRunEmphasis	0.95325136
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.006508811
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	398.5938711
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	300.7859662
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.045128305
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wavelet-HLL	gldm	LargeDependenceEmphasis	4.73126615
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012995846
wavelet-HLL	gldm	DependenceVariance	1.065080224
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2985.392765
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004135019
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005080269
wavelet-HLL	glcm	JointAverage	24.73423716
wavelet-HLL	glcm	SumAverage	49.46847433
wavelet-HLL	glcm	JointEntropy	8.390441405
wavelet-HLL	glcm	ClusterShade	1295.173385
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wavelet-HLL	glcm	Contrast	112.4435234
wavelet-HLL	glcm	DifferenceEntropy	4.301441557
wavelet-HLL	glcm	InverseVariance	0.155967518
wavelet-HLL	glcm	DifferenceVariance	50.10835288
wavelet-HLL	glcm	Idn	0.893073922
wavelet-HLL	glcm	Idm	0.144586037
wavelet-HLL	glcm	Correlation	0.232868448
wavelet-HLL	glcm	Autocorrelation	629.7373096
wavelet-HLL	glcm	SumEntropy	5.541894423
wavelet-HLL	glcm	SumSquares	74.11961973
wavelet-HLL	glcm	ClusterProminence	130592.1529

wavelet-HLL	glcm	lmc2	0.974277444
wavelet-HLL	glcm	lmc1	-0.304540226
wavelet-HLL	glcm	DifferenceAverage	7.749951274
wavelet-HLL	glcm	ld	0.230174658
wavelet-HLL	glcm	ClusterTendency	184.0349556
wavelet-HLL	firstorder	InterquartileRange	250.2763499
wavelet-HLL	firstorder	Skewness	0.613406689
wavelet-HLL	firstorder	Uniformity	0.039908125
wavelet-HLL	firstorder	Median	8.54066463
wavelet-HLL	firstorder	Energy	17469947.26
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	102.4826736
wavelet-HLL	firstorder	MeanAbsoluteDeviation	158.9431449
wavelet-HLL	firstorder	TotalEnergy	471688575.9
wavelet-HLL	firstorder	Maximum	853.9236311
wavelet-HLL	firstorder	RootMeanSquared	212.4664269
wavelet-HLL	firstorder	90Percentile	252.9050549
wavelet-HLL	firstorder	Minimum	-579.2961915
wavelet-HLL	firstorder	Entropy	4.934161065
wavelet-HLL	firstorder	Range	1433.219823
wavelet-HLL	firstorder	Variance	44624.06508
wavelet-HLL	firstorder	10Percentile	-210.2757299
wavelet-HLL	firstorder	Kurtosis	4.380170198
wavelet-HLL	firstorder	Mean	22.75780082
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005134962
wavelet-HLL	glrlm	GrayLevelVariance	72.83774657
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005189853
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.039479401
wavelet-HLL	glrlm	RunVariance	0.038446686
wavelet-HLL	glrlm	GrayLevelNonUniformity	14.74126768
wavelet-HLL	glrlm	LongRunEmphasis	1.113003122
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	703.5519378
wavelet-HLL	glrlm	RunLengthNonUniformity	348.3018886
wavelet-HLL	glrlm	ShortRunEmphasis	0.973594828
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	790.1480842
wavelet-HLL	glrlm	RunPercentage	0.964818128
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.005425584
wavelet-HLL	glrlm	RunEntropy	5.118511263
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	720.0734865
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.93266847
wavelet-HLL	glszm	GrayLevelVariance	93.17814776
wavelet-HLL	glszm	ZoneVariance	1.591501524
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033728758
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.520497237
wavelet-HLL	glszm	SizeZoneNonUniformity	125.439834
wavelet-HLL	glszm	GrayLevelNonUniformity	8.128630705
wavelet-HLL	glszm	LargeAreaEmphasis	4.170124481
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	604.6553572
wavelet-HLL	glszm	ZonePercentage	0.622739018
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013506047
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2682.170124
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	768.3153527
wavelet-HLL	glszm	SmallAreaEmphasis	0.749598176

wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.00692224
wavelet-HLL	glszm	ZoneEntropy	6.170111421
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006410697
wavelet-HLL	ngtdm	Coarseness	0.017686669
wavelet-HLL	ngtdm	Complexity	4836.277153
wavelet-HLL	ngtdm	Strength	15.33832129
wavelet-HLL	ngtdm	Contrast	0.32109886
wavelet-HLL	ngtdm	Busyness	0.045460732
wavelet-LHL	gldm	GrayLevelVariance	199.7931748
wavelet-LHL	gldm	HighGrayLevelEmphasis	1881.640827
wavelet-LHL	gldm	DependenceEntropy	6.630837893
wavelet-LHL	gldm	DependenceNonUniformity	174.4160207
wavelet-LHL	gldm	GrayLevelNonUniformity	8.705426357
wavelet-LHL	gldm	SmallDependenceEmphasis	0.683947746
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1283.246538
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.450687392
wavelet-LHL	gldm	LargeDependenceEmphasis	3.082687339
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006038925
wavelet-LHL	gldm	DependenceVariance	0.670966622
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	5807.614987
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004302189
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004550511
wavelet-LHL	glcm	JointAverage	42.03963625
wavelet-LHL	glcm	SumAverage	84.07927251
wavelet-LHL	glcm	JointEntropy	8.803343075
wavelet-LHL	glcm	ClusterShade	1719.073146
wavelet-LHL	glcm	MaximumProbability	0.007020824
wavelet-LHL	glcm	ldmn	0.953747342
wavelet-LHL	glcm	JointEnergy	0.002433688
wavelet-LHL	glcm	Contrast	348.3906344
wavelet-LHL	glcm	DifferenceEntropy	4.999213927
wavelet-LHL	glcm	InverseVariance	0.082516675
wavelet-LHL	glcm	DifferenceVariance	140.0326902
wavelet-LHL	glcm	ldn	0.863703698
wavelet-LHL	glcm	ldm	0.081791247
wavelet-LHL	glcm	Correlation	0.112369229
wavelet-LHL	glcm	Autocorrelation	1788.738819
wavelet-LHL	glcm	SumEntropy	6.041516503
wavelet-LHL	glcm	SumSquares	195.4785708
wavelet-LHL	glcm	ClusterProminence	631891.7423
wavelet-LHL	glcm	lmc2	0.99708082
wavelet-LHL	glcm	lmc1	-0.453112841
wavelet-LHL	glcm	DifferenceAverage	13.89524612
wavelet-LHL	glcm	ld	0.154743229
wavelet-LHL	glcm	ClusterTendency	433.5236488
wavelet-LHL	firstorder	InterquartileRange	455.0948718
wavelet-LHL	firstorder	Skewness	0.053510252
wavelet-LHL	firstorder	Uniformity	0.022494642
wavelet-LHL	firstorder	Median	-52.01280916
wavelet-LHL	firstorder	Energy	48912538.48
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	189.6960315
wavelet-LHL	firstorder	MeanAbsoluteDeviation	277.8237398

wavelet-LHL	firstorder	TotalEnergy	1320638539
wavelet-LHL	firstorder	Maximum	919.9894782
wavelet-LHL	firstorder	RootMeanSquared	355.51229
wavelet-LHL	firstorder	90Percentile	388.0347133
wavelet-LHL	firstorder	Minimum	-1044.771967
wavelet-LHL	firstorder	Entropy	5.725263548
wavelet-LHL	firstorder	Range	1964.761445
wavelet-LHL	firstorder	Variance	125023.59
wavelet-LHL	firstorder	10Percentile	-489.0793333
wavelet-LHL	firstorder	Kurtosis	3.08619093
wavelet-LHL	firstorder	Mean	-36.95129626
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004621569
wavelet-LHL	glrlm	GrayLevelVariance	201.5302381
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.004633569
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.022299251
wavelet-LHL	glrlm	RunVariance	0.022080074
wavelet-LHL	glrlm	GrayLevelNonUniformity	8.446538956
wavelet-LHL	glrlm	LongRunEmphasis	1.066312937
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1850.860552
wavelet-LHL	glrlm	RunLengthNonUniformity	363.0137761
wavelet-LHL	glrlm	ShortRunEmphasis	0.983882521
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2006.29822
wavelet-LHL	glrlm	RunPercentage	0.978731862
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.004683043
wavelet-LHL	glrlm	RunEntropy	5.821270053
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1881.464477
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.95823404
wavelet-LHL	glszm	GrayLevelVariance	223.3048026
wavelet-LHL	glszm	ZoneVariance	0.606972708
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.020419574
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.652133397
wavelet-LHL	glszm	SizeZoneNonUniformity	191.0750853
wavelet-LHL	glszm	GrayLevelNonUniformity	5.982935154
wavelet-LHL	glszm	LargeAreaEmphasis	2.351535836
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1567.501019
wavelet-LHL	glszm	ZonePercentage	0.757105943
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.00674725
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4382.535836
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1884.215017
wavelet-LHL	glszm	SmallAreaEmphasis	0.834589733
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.005763528
wavelet-LHL	glszm	ZoneEntropy	6.430977152
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.00562727
wavelet-LHL	ngtdm	Coarseness	0.015911359
wavelet-LHL	ngtdm	Complexity	18088.12279
wavelet-LHL	ngtdm	Strength	23.14883285
wavelet-LHL	ngtdm	Contrast	0.829359306
wavelet-LHL	ngtdm	Busyness	0.024089112
wavelet-LHH	gldm	GrayLevelVariance	59.62796039
wavelet-LHH	gldm	HighGrayLevelEmphasis	934.8397933
wavelet-LHH	gldm	DependenceEntropy	6.230684213
wavelet-LHH	gldm	DependenceNonUniformity	122.9844961



wavelet-LHH	gldm	GrayLevelNonUniformity	18.65891473
wavelet-LHH	gldm	SmallDependenceEmphasis	0.554463916
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	533.7571352
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.317789396
wavelet-LHH	gldm	LargeDependenceEmphasis	5.625322997
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.009747624
wavelet-LHH	gldm	DependenceVariance	1.614980403
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5128.813953
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00373485
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.004298234
wavelet-LHH	glcm	JointAverage	29.55649682
wavelet-LHH	glcm	SumAverage	59.11299364
wavelet-LHH	glcm	JointEntropy	8.167759867
wavelet-LHH	glcm	ClusterShade	-519.5505506
wavelet-LHH	glcm	MaximumProbability	0.017305883
wavelet-LHH	glcm	ldmn	0.962827191
wavelet-LHH	glcm	JointEnergy	0.004444068
wavelet-LHH	glcm	Contrast	129.1437697
wavelet-LHH	glcm	DifferenceEntropy	4.361072967
wavelet-LHH	glcm	InverseVariance	0.152825013
wavelet-LHH	glcm	DifferenceVariance	61.02560897
wavelet-LHH	glcm	ldn	0.881759776
wavelet-LHH	glcm	ldm	0.14753091
wavelet-LHH	glcm	Correlation	-0.034349168
wavelet-LHH	glcm	Autocorrelation	871.6543617
wavelet-LHH	glcm	SumEntropy	5.192740203
wavelet-LHH	glcm	SumSquares	62.63426367
wavelet-LHH	glcm	ClusterProminence	72071.61845
wavelet-LHH	glcm	lmc2	0.972634209
wavelet-LHH	glcm	lmc1	-0.305093321
wavelet-LHH	glcm	DifferenceAverage	8.102669549
wavelet-LHH	glcm	ld	0.231922615
wavelet-LHH	glcm	ClusterTendency	121.393285
wavelet-LHH	firstorder	InterquartileRange	192.9381185
wavelet-LHH	firstorder	Skewness	-0.321073328
wavelet-LHH	firstorder	Uniformity	0.04821425
wavelet-LHH	firstorder	Median	15.46900903
wavelet-LHH	firstorder	Energy	14342418.75
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	81.00174475
wavelet-LHH	firstorder	MeanAbsoluteDeviation	137.4674323
wavelet-LHH	firstorder	TotalEnergy	387245306.2
wavelet-LHH	firstorder	Maximum	610.1084255
wavelet-LHH	firstorder	RootMeanSquared	192.5110739
wavelet-LHH	firstorder	90Percentile	201.055566
wavelet-LHH	firstorder	Minimum	-713.8556933
wavelet-LHH	firstorder	Entropy	4.802334352
wavelet-LHH	firstorder	Range	1323.964119
wavelet-LHH	firstorder	Variance	37057.31816
wavelet-LHH	firstorder	10Percentile	-239.3726546
wavelet-LHH	firstorder	Kurtosis	4.621505923
wavelet-LHH	firstorder	Mean	1.787568631
wavelet-LHH	gllm	ShortRunLowGrayLevelEmphasis	0.004388229

wavelet-LHH	glrlm	GrayLevelVariance	61.4227727
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.004422763
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.046623679
wavelet-LHH	glrlm	RunVariance	0.043881789
wavelet-LHH	glrlm	GrayLevelNonUniformity	17.35005405
wavelet-LHH	glrlm	LongRunEmphasis	1.126449278
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	910.2134646
wavelet-LHH	glrlm	RunLengthNonUniformity	345.3584853
wavelet-LHH	glrlm	ShortRunEmphasis	0.971396029
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1050.457864
wavelet-LHH	glrlm	RunPercentage	0.961439078
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.004576372
wavelet-LHH	glrlm	RunEntropy	5.010284819
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	936.070453
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.927791426
wavelet-LHH	glszm	GrayLevelVariance	85.50684541
wavelet-LHH	glszm	ZoneVariance	2.94963414
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.034627642
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.595399598
wavelet-LHH	glszm	SizeZoneNonUniformity	141.1097046
wavelet-LHH	glszm	GrayLevelNonUniformity	8.206751055
wavelet-LHH	glszm	LargeAreaEmphasis	5.616033755
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	774.5390058
wavelet-LHH	glszm	ZonePercentage	0.612403101
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.011587284
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5181.801688
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	954.3881857
wavelet-LHH	glszm	SmallAreaEmphasis	0.797246665
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.006234924
wavelet-LHH	glszm	ZoneEntropy	5.97342698
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005957962
wavelet-LHH	ngtdm	Coarseness	0.017580457
wavelet-LHH	ngtdm	Complexity	5098.356919
wavelet-LHH	ngtdm	Strength	11.47439213
wavelet-LHH	ngtdm	Contrast	0.307279014
wavelet-LHH	ngtdm	Busyness	0.033769747
wavelet-LLH	gldm	GrayLevelVariance	110.6891947
wavelet-LLH	gldm	HighGrayLevelEmphasis	1370.297158
wavelet-LLH	gldm	DependenceEntropy	6.370275661
wavelet-LLH	gldm	DependenceNonUniformity	146.9896641
wavelet-LLH	gldm	GrayLevelNonUniformity	12.7881137
wavelet-LLH	gldm	SmallDependenceEmphasis	0.624757012
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	845.1402847
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.379818253
wavelet-LLH	gldm	LargeDependenceEmphasis	4.049095607
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.006572627
wavelet-LLH	gldm	DependenceVariance	0.988856172
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5691.470284
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00362608
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003976766
wavelet-LLH	glcm	JointAverage	35.69990053
wavelet-LLH	glcm	SumAverage	71.39980106

wavelet-LLH	glcm	JointEntropy	8.583128045
wavelet-LLH	glcm	ClusterShade	527.674737
wavelet-LLH	glcm	MaximumProbability	0.009423222
wavelet-LLH	glcm	Idmn	0.965711166
wavelet-LLH	glcm	JointEnergy	0.002999045
wavelet-LLH	glcm	Contrast	223.698229
wavelet-LLH	glcm	DifferenceEntropy	4.713135029
wavelet-LLH	glcm	InverseVariance	0.112783753
wavelet-LLH	glcm	DifferenceVariance	97.7334841
wavelet-LLH	glcm	Idn	0.8834959
wavelet-LLH	glcm	Idm	0.109953886
wavelet-LLH	glcm	Correlation	0.03882806
wavelet-LLH	glcm	Autocorrelation	1279.061994
wavelet-LLH	glcm	SumEntropy	5.674063005
wavelet-LLH	glcm	SumSquares	116.3839988
wavelet-LLH	glcm	ClusterProminence	254090.1751
wavelet-LLH	glcm	Imc2	0.988385464
wavelet-LLH	glcm	Imc1	-0.361581767
wavelet-LLH	glcm	DifferenceAverage	10.93447366
wavelet-LLH	glcm	Id	0.188272199
wavelet-LLH	glcm	ClusterTendency	241.837766
wavelet-LLH	firstorder	InterquartileRange	285.1644634
wavelet-LLH	firstorder	Skewness	-0.06955117
wavelet-LLH	firstorder	Uniformity	0.033044221
wavelet-LLH	firstorder	Median	-21.10665107
wavelet-LLH	firstorder	Energy	26884448.59
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	119.5326868
wavelet-LLH	firstorder	MeanAbsoluteDeviation	192.3808191
wavelet-LLH	firstorder	TotalEnergy	725880111.8
wavelet-LLH	firstorder	Maximum	973.6884756
wavelet-LLH	firstorder	RootMeanSquared	263.5694584
wavelet-LLH	firstorder	90Percentile	275.589841
wavelet-LLH	firstorder	Minimum	-878.825554
wavelet-LLH	firstorder	Entropy	5.231085797
wavelet-LLH	firstorder	Range	1852.51403
wavelet-LLH	firstorder	Variance	68826.64168
wavelet-LLH	firstorder	10Percentile	-347.2720709
wavelet-LLH	firstorder	Kurtosis	4.395843757
wavelet-LLH	firstorder	Mean	-25.34201472
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004049561
wavelet-LLH	glrlm	GrayLevelVariance	112.2129983
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.004069171
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.03256699
wavelet-LLH	glrlm	RunVariance	0.0291923
wavelet-LLH	glrlm	GrayLevelNonUniformity	12.24024795
wavelet-LLH	glrlm	LongRunEmphasis	1.089949313
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1337.602275
wavelet-LLH	glrlm	RunLengthNonUniformity	354.4690386
wavelet-LLH	glrlm	ShortRunEmphasis	0.977741814
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1495.98165
wavelet-LLH	glrlm	RunPercentage	0.971178692
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00414836

wavelet-LLH	glrlm	RunEntropy	5.375044073
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1369.053591
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.942809644
wavelet-LLH	glszm	GrayLevelVariance	131.9407143
wavelet-LLH	glszm	ZoneVariance	1.027110197
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.028744162
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.619367928
wavelet-LLH	glszm	SizeZoneNonUniformity	167.8487085
wavelet-LLH	glszm	GrayLevelNonUniformity	7.789667897
wavelet-LLH	glszm	LargeAreaEmphasis	3.066420664
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1099.377683
wavelet-LLH	glszm	ZonePercentage	0.700258398
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.007090794
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4189.442804
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1361.335793
wavelet-LLH	glszm	SmallAreaEmphasis	0.813942446
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.005287963
wavelet-LLH	glszm	ZoneEntropy	6.087699588
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005102148
wavelet-LLH	ngtdm	Coarseness	0.016823338
wavelet-LLH	ngtdm	Complexity	8900.555072
wavelet-LLH	ngtdm	Strength	16.20474206
wavelet-LLH	ngtdm	Contrast	0.581539295
wavelet-LLH	ngtdm	Busyness	0.030387816
wavelet-LLL	gldm	GrayLevelVariance	513.2002617
wavelet-LLL	gldm	HighGrayLevelEmphasis	2977.925065
wavelet-LLL	gldm	DependenceEntropy	6.869049054
wavelet-LLL	gldm	DependenceNonUniformity	229.5581395
wavelet-LLL	gldm	GrayLevelNonUniformity	5.496124031
wavelet-LLL	gldm	SmallDependenceEmphasis	0.794376256
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2306.268375
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.593173487
wavelet-LLL	gldm	LargeDependenceEmphasis	1.966408269
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.00491021
wavelet-LLL	gldm	DependenceVariance	0.277080037
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6292.379845
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003931014
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.004119567
wavelet-LLL	glcm	JointAverage	52.4299491
wavelet-LLL	glcm	SumAverage	104.8598982
wavelet-LLL	glcm	JointEntropy	8.980747818
wavelet-LLL	glcm	ClusterShade	-3180.29059
wavelet-LLL	glcm	MaximumProbability	0.004761575
wavelet-LLL	glcm	ldmn	0.957281318
wavelet-LLL	glcm	JointEnergy	0.002052246
wavelet-LLL	glcm	Contrast	466.5112753
wavelet-LLL	glcm	DifferenceEntropy	5.273140818
wavelet-LLL	glcm	InverseVariance	0.061849487
wavelet-LLL	glcm	DifferenceVariance	167.812221
wavelet-LLL	glcm	ldn	0.862308598
wavelet-LLL	glcm	ldm	0.055807939
wavelet-LLL	glcm	Correlation	0.500875279

wavelet-LLL	glcm	Autocorrelation	2982.75859
wavelet-LLL	glcm	SumEntropy	6.713139715
wavelet-LLL	glcm	SumSquares	466.665307
wavelet-LLL	glcm	ClusterProminence	4415447.915
wavelet-LLL	glcm	Imc2	0.999474378
wavelet-LLL	glcm	Imc1	-0.553445167
wavelet-LLL	glcm	DifferenceAverage	17.04539331
wavelet-LLL	glcm	Id	0.121780034
wavelet-LLL	glcm	ClusterTendency	1400.149953
wavelet-LLL	firstorder	InterquartileRange	970.2640879
wavelet-LLL	firstorder	Skewness	0.03362554
wavelet-LLL	firstorder	Uniformity	0.014201871
wavelet-LLL	firstorder	Median	-888.2624377
wavelet-LLL	firstorder	Energy	434771633.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	372.0969612
wavelet-LLL	firstorder	MeanAbsoluteDeviation	480.8672912
wavelet-LLL	firstorder	TotalEnergy	11738834117
wavelet-LLL	firstorder	Maximum	318.7733638
wavelet-LLL	firstorder	RootMeanSquared	1059.924957
wavelet-LLL	firstorder	90Percentile	-124.7747939
wavelet-LLL	firstorder	Minimum	-2113.472009
wavelet-LLL	firstorder	Entropy	6.286694572
wavelet-LLL	firstorder	Range	2432.245373
wavelet-LLL	firstorder	Variance	320080.8289
wavelet-LLL	firstorder	10Percentile	-1646.383338
wavelet-LLL	firstorder	Kurtosis	2.018927606
wavelet-LLL	firstorder	Mean	-896.3035678
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.004150162
wavelet-LLL	glrlm	GrayLevelVariance	513.3701799
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.004157669
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.014197048
wavelet-LLL	glrlm	RunVariance	0.011931796
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.430946517
wavelet-LLL	glrlm	LongRunEmphasis	1.035480058
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2944.516535
wavelet-LLL	glrlm	RunLengthNonUniformity	373.8867552
wavelet-LLL	glrlm	ShortRunEmphasis	0.9913555
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3092.429572
wavelet-LLL	glrlm	RunPercentage	0.988471477
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.004187984
wavelet-LLL	glrlm	RunEntropy	6.325229779
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2973.533371
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.977331696
wavelet-LLL	glszm	GrayLevelVariance	516.4411019
wavelet-LLL	glszm	ZoneVariance	0.227741047
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.014141414
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.751056015
wavelet-LLL	glszm	SizeZoneNonUniformity	247.8484848
wavelet-LLL	glszm	GrayLevelNonUniformity	4.666666667
wavelet-LLL	glszm	LargeAreaEmphasis	1.603030303
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2569.676536
wavelet-LLL	glszm	ZonePercentage	0.852713178

wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.005155946
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4970.730303
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2921.006061
wavelet-LLL	glszm	SmallAreaEmphasis	0.89006734
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004680374
wavelet-LLL	glszm	ZoneEntropy	6.686311755
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00457271
wavelet-LLL	ngtdm	Coarseness	0.017125721
wavelet-LLL	ngtdm	Complexity	33804.50328
wavelet-LLL	ngtdm	Strength	50.72107468
wavelet-LLL	ngtdm	Contrast	1.426826363
wavelet-LLL	ngtdm	Busyness	0.017089995
wavelet-HHL	gldm	GrayLevelVariance	36.70133339
wavelet-HHL	gldm	HighGrayLevelEmphasis	350.8242894
wavelet-HHL	gldm	DependenceEntropy	5.981096052
wavelet-HHL	gldm	DependenceNonUniformity	115.2222222
wavelet-HHL	gldm	GrayLevelNonUniformity	22.60723514
wavelet-HHL	gldm	SmallDependenceEmphasis	0.49039242
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	188.6710147
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.29773184
wavelet-HHL	gldm	LargeDependenceEmphasis	5.558139535
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.076277071
wavelet-HHL	gldm	DependenceVariance	1.316881331
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1770.602067
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00644997
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016354949
wavelet-HHL	glcm	JointAverage	17.65374075
wavelet-HHL	glcm	SumAverage	35.30748149
wavelet-HHL	glcm	JointEntropy	7.884393347
wavelet-HHL	glcm	ClusterShade	125.9482039
wavelet-HHL	glcm	MaximumProbability	0.015247213
wavelet-HHL	glcm	Idmn	0.975078206
wavelet-HHL	glcm	JointEnergy	0.005281391
wavelet-HHL	glcm	Contrast	70.440017
wavelet-HHL	glcm	DifferenceEntropy	3.999943947
wavelet-HHL	glcm	InverseVariance	0.161954955
wavelet-HHL	glcm	DifferenceVariance	30.78002416
wavelet-HHL	glcm	Idn	0.897058397
wavelet-HHL	glcm	Idm	0.157687256
wavelet-HHL	glcm	Correlation	0.003766315
wavelet-HHL	glcm	Autocorrelation	312.0371727
wavelet-HHL	glcm	SumEntropy	4.861402431
wavelet-HHL	glcm	SumSquares	35.58812631
wavelet-HHL	glcm	ClusterProminence	29971.1187
wavelet-HHL	glcm	Imc2	0.920502474
wavelet-HHL	glcm	Imc1	-0.214849035
wavelet-HHL	glcm	DifferenceAverage	6.222292402
wavelet-HHL	glcm	Id	0.24977392
wavelet-HHL	glcm	ClusterTendency	71.91248825
wavelet-HHL	firstorder	InterquartileRange	157.9456896
wavelet-HHL	firstorder	Skewness	0.414002114
wavelet-HHL	firstorder	Uniformity	0.058416628

wavelet-HHL	firstorder	Median	6.767295592
wavelet-HHL	firstorder	Energy	8924123.582
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	66.68876594
wavelet-HHL	firstorder	MeanAbsoluteDeviation	108.4559592
wavelet-HHL	firstorder	TotalEnergy	240951336.7
wavelet-HHL	firstorder	Maximum	819.798008
wavelet-HHL	firstorder	RootMeanSquared	151.8543739
wavelet-HHL	firstorder	90Percentile	175.0781543
wavelet-HHL	firstorder	Minimum	-418.5226742
wavelet-HHL	firstorder	Entropy	4.417198548
wavelet-HHL	firstorder	Range	1238.320682
wavelet-HHL	firstorder	Variance	23029.27381
wavelet-HHL	firstorder	10Percentile	-154.1194454
wavelet-HHL	firstorder	Kurtosis	6.383424184
wavelet-HHL	firstorder	Mean	5.520602052
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.015870963
wavelet-HHL	glrlm	GrayLevelVariance	37.58831348
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.016375479
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalzied	0.057286542
wavelet-HHL	glrlm	RunVariance	0.044832717
wavelet-HHL	glrlm	GrayLevelNonUniformity	21.26533378
wavelet-HHL	glrlm	LongRunEmphasis	1.13215435
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	342.8625967
wavelet-HHL	glrlm	RunLengthNonUniformity	342.3596406
wavelet-HHL	glrlm	ShortRunEmphasis	0.969178482
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	394.0072869
wavelet-HHL	glrlm	RunPercentage	0.959252634
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.018418633
wavelet-HHL	glrlm	RunEntropy	4.640526071
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	352.4438672
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.921943076
wavelet-HHL	glszm	GrayLevelVariance	50.33763493
wavelet-HHL	glszm	ZoneVariance	2.983625517
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.046262479
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.480034088
wavelet-HHL	glszm	SizeZoneNonUniformity	106.5675676
wavelet-HHL	glszm	GrayLevelNonUniformity	10.27027027
wavelet-HHL	glszm	LargeAreaEmphasis	6.022522523
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	285.9725153
wavelet-HHL	glszm	ZonePercentage	0.573643411
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.074694862
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1948.436937
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	378.5675676
wavelet-HHL	glszm	SmallAreaEmphasis	0.720010119
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.014614139
wavelet-HHL	glszm	ZoneEntropy	5.826661967
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007953402
wavelet-HHL	ngtdm	Coarseness	0.016876311
wavelet-HHL	ngtdm	Complexity	2360.264033
wavelet-HHL	ngtdm	Strength	7.826298603
wavelet-HHL	ngtdm	Contrast	0.268663174
wavelet-HHL	ngtdm	Busyness	0.085109457

wavelet-HLH	gldm	GrayLevelVariance	21.13310498
wavelet-HLH	gldm	HighGrayLevelEmphasis	367.2661499
wavelet-HLH	gldm	DependenceEntropy	5.923324951
wavelet-HLH	gldm	DependenceNonUniformity	95.6873385
wavelet-HLH	gldm	GrayLevelNonUniformity	27.95607235
wavelet-HLH	gldm	SmallDependenceEmphasis	0.443773782
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	181.041882
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.247254105
wavelet-HLH	gldm	LargeDependenceEmphasis	7.671834625
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028266222
wavelet-HLH	gldm	DependenceVariance	2.081725858
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2552.056848
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004380829
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006290661
wavelet-HLH	glcm	JointAverage	18.58357964
wavelet-HLH	glcm	SumAverage	37.16715928
wavelet-HLH	glcm	JointEntropy	7.640563778
wavelet-HLH	glcm	ClusterShade	26.09846062
wavelet-HLH	glcm	MaximumProbability	0.020988142
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wavelet-HLH	glcm	JointEnergy	0.006596992
wavelet-HLH	glcm	Contrast	50.24876862
wavelet-HLH	glcm	DifferenceEntropy	3.812234273
wavelet-HLH	glcm	InverseVariance	0.198082226
wavelet-HLH	glcm	DifferenceVariance	21.98101391
wavelet-HLH	glcm	ldn	0.882293941
wavelet-HLH	glcm	ldm	0.193056617
wavelet-HLH	glcm	Correlation	-0.034326054
wavelet-HLH	glcm	Autocorrelation	344.5421887
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wavelet-HLH	glcm	SumSquares	24.3145375
wavelet-HLH	glcm	ClusterProminence	9564.858461
wavelet-HLH	glcm	lmc2	0.897945708
wavelet-HLH	glcm	lmc1	-0.194908479
wavelet-HLH	glcm	DifferenceAverage	5.274578355
wavelet-HLH	glcm	ld	0.283145729
wavelet-HLH	glcm	ClusterTendency	47.00938139
wavelet-HLH	firstorder	InterquartileRange	126.092663
wavelet-HLH	firstorder	Skewness	0.174880917
wavelet-HLH	firstorder	Uniformity	0.072237913
wavelet-HLH	firstorder	Median	-3.383319023
wavelet-HLH	firstorder	Energy	5118751.384
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	53.97442408
wavelet-HLH	firstorder	MeanAbsoluteDeviation	85.1970174
wavelet-HLH	firstorder	TotalEnergy	138206287.4
wavelet-HLH	firstorder	Maximum	432.9950679
wavelet-HLH	firstorder	RootMeanSquared	115.0075987
wavelet-HLH	firstorder	90Percentile	139.4994854
wavelet-HLH	firstorder	Minimum	-437.1336417
wavelet-HLH	firstorder	Entropy	4.136308729
wavelet-HLH	firstorder	Range	870.1287096
wavelet-HLH	firstorder	Variance	13219.81571



wavelet-HLH	firstorder	10Percentile	-131.7885607
wavelet-HLH	firstorder	Kurtosis	4.608217809
wavelet-HLH	firstorder	Mean	2.632879596
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006323353
wavelet-HLH	glrlm	GrayLevelVariance	21.92368852
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006455211
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.070177267
wavelet-HLH	glrlm	RunVariance	0.059897172
wavelet-HLH	glrlm	GrayLevelNonUniformity	25.73766501
wavelet-HLH	glrlm	LongRunEmphasis	1.174553066
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	356.165777
wavelet-HLH	glrlm	RunLengthNonUniformity	330.6914715
wavelet-HLH	glrlm	ShortRunEmphasis	0.960488961
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	426.9884906
wavelet-HLH	glrlm	RunPercentage	0.947525343
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007036447
wavelet-HLH	glrlm	RunEntropy	4.41924987
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	369.2760994
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.90141945
wavelet-HLH	glszm	GrayLevelVariance	33.08545918
wavelet-HLH	glszm	ZoneVariance	6.433022699
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.053102874
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.483912953
wavelet-HLH	glszm	SizeZoneNonUniformity	94.84693878
wavelet-HLH	glszm	GrayLevelNonUniformity	10.40816327
wavelet-HLH	glszm	LargeAreaEmphasis	10.33163265
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	306.3894172
wavelet-HLH	glszm	ZonePercentage	0.506459948
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04027308
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	3372.081633
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	400.9030612
wavelet-HLH	glszm	SmallAreaEmphasis	0.722860823
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.009101454
wavelet-HLH	glszm	ZoneEntropy	5.655572669
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008099945
wavelet-HLH	ngtdm	Coarseness	0.016658738
wavelet-HLH	ngtdm	Complexity	1375.468577
wavelet-HLH	ngtdm	Strength	5.025441614
wavelet-HLH	ngtdm	Contrast	0.161883742
wavelet-HLH	ngtdm	Busyness	0.089549965

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	
general	info	MaskHash	713b421ddbb170625b208860ec1d49942728077b
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	103
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original	shape	Maximum2DDiameterSlice	21.84032967
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original	shape	MinorAxis	17.22536573
original	shape	Elongation	0.831149703
original	shape	SurfaceVolumeRatio	0.396144027
original	shape	Volume	2781
original	shape	MajorAxis	20.72474509
original	shape	SurfaceArea	1101.67654
original	shape	Flatness	0.554402372
original	shape	LeastAxis	11.48984783
original	shape	Maximum2DDiameterColumn	21
original	shape	Maximum2DDiameterRow	18.24828759
original	gldm	GrayLevelVariance	141.0764445
original	gldm	HighGrayLevelEmphasis	517.7378641
original	gldm	DependenceEntropy	5.661754168
original	gldm	DependenceNonUniformity	37.7961165
original	gldm	GrayLevelNonUniformity	4.689320388
original	gldm	SmallDependenceEmphasis	0.623601964
original	gldm	SmallDependenceHighGrayLevelEmphasis	234.9809578
original	gldm	DependenceNonUniformityNormalized	0.366952587
original	gldm	LargeDependenceEmphasis	7
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.060920933
original	gldm	DependenceVariance	2.882646809
original	gldm	LargeDependenceHighGrayLevelEmphasis	6624.398058
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.027860351
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original	glcm	JointAverage	22.0669354
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original	glcm	JointEntropy	6.633989851
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original	glcm	ClusterProminence	216028.0921
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original	glcm	ClusterTendency	323.8771974
original	firstorder	InterquartileRange	622.5
original	firstorder	Skewness	-0.095285141
original	firstorder	Uniformity	0.045527382
original	firstorder	Median	-314
original	firstorder	Energy	21972727
original	firstorder	RobustMeanAbsoluteDeviation	235.0571559
original	firstorder	MeanAbsoluteDeviation	271.459327
original	firstorder	TotalEnergy	593263629
original	firstorder	Maximum	73
original	firstorder	RootMeanSquared	461.8738427
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original	firstorder	Minimum	-824
original	firstorder	Entropy	4.748821888
original	firstorder	Range	897
original	firstorder	Variance	88485.28909
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.033514377
original	glrlm	GrayLevelVariance	139.2628683
original	glrlm	LowGrayLevelRunEmphasis	0.033750621
original	glrlm	GrayLevelNonUniformityNormalized	0.043049716
original	glrlm	RunVariance	0.050635793
original	glrlm	GrayLevelNonUniformity	4.261730776
original	glrlm	LongRunEmphasis	1.136905372
original	glrlm	ShortRunHighGrayLevelEmphasis	475.8792985
original	glrlm	RunLengthNonUniformity	92.14712881
original	glrlm	ShortRunEmphasis	0.972010082
original	glrlm	LongRunHighGrayLevelEmphasis	629.5625384
original	glrlm	RunPercentage	0.960418223
original	glrlm	LongRunLowGrayLevelEmphasis	0.034717177
original	glrlm	RunEntropy	4.903135294
original	glrlm	HighGrayLevelRunEmphasis	500.8485007
original	glrlm	RunLengthNonUniformityNormalized	0.930556968

original	glszm	GrayLevelVariance	122.1091053
original	glszm	ZoneVariance	1.909541758
original	glszm	GrayLevelNonUniformityNormalized	0.037095814
original	glszm	SizeZoneNonUniformityNormalized	0.659194604
original	glszm	SizeZoneNonUniformity	46.8028169
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original	glszm	LargeAreaEmphasis	4.014084507
original	glszm	SmallAreaHighGrayLevelEmphasis	299.6595242
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.062890031
original	glszm	LargeAreaHighGrayLevelEmphasis	3264.239437
original	glszm	HighGrayLevelZoneEmphasis	394.1267606
original	glszm	SmallAreaEmphasis	0.83655615
original	glszm	LowGrayLevelZoneEmphasis	0.042037318
original	glszm	ZoneEntropy	5.286589197
original	glszm	SmallAreaLowGrayLevelEmphasis	0.039110084
original	ngtdm	Coarseness	0.022425388
original	ngtdm	Complexity	5019.433268
original	ngtdm	Strength	17.83021783
original	ngtdm	Contrast	2.454840413
original	ngtdm	Busyness	0.06585525
wavelet-HHH	gldm	GrayLevelVariance	14.93618626
wavelet-HHH	gldm	HighGrayLevelEmphasis	128.9902913
wavelet-HHH	gldm	DependenceEntropy	5.254237969
wavelet-HHH	gldm	DependenceNonUniformity	29.23300971
wavelet-HHH	gldm	GrayLevelNonUniformity	8.300970874
wavelet-HHH	gldm	SmallDependenceEmphasis	0.453514024
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	59.30298813
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.283815628
wavelet-HHH	gldm	LargeDependenceEmphasis	5.67961165
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.082896704
wavelet-HHH	gldm	DependenceVariance	1.158827411
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	721.2038835
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02711064
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.033823397
wavelet-HHH	glcm	JointAverage	10.60362406
wavelet-HHH	glcm	SumAverage	21.20724811
wavelet-HHH	glcm	JointEntropy	6.331316157
wavelet-HHH	glcm	ClusterShade	-19.14297162
wavelet-HHH	glcm	MaximumProbability	0.035580956
wavelet-HHH	glcm	Idmn	0.930315867
wavelet-HHH	glcm	JointEnergy	0.014253978
wavelet-HHH	glcm	Contrast	31.10269972
wavelet-HHH	glcm	DifferenceEntropy	3.349462521
wavelet-HHH	glcm	InverseVariance	0.208757291
wavelet-HHH	glcm	DifferenceVariance	10.89977276
wavelet-HHH	glcm	Idn	0.827548817
wavelet-HHH	glcm	Idm	0.198775585
wavelet-HHH	glcm	Correlation	-0.030892233
wavelet-HHH	glcm	Autocorrelation	111.9907713
wavelet-HHH	glcm	SumEntropy	4.092026101
wavelet-HHH	glcm	SumSquares	15.09467962
wavelet-HHH	glcm	ClusterProminence	2632.696958
wavelet-HHH	glcm	Imc2	0.967241531
wavelet-HHH	glcm	Imc1	-0.359871519

wavelet-HHH	glcm	DifferenceAverage	4.406306264
wavelet-HHH	glcm	Id	0.293839283
wavelet-HHH	glcm	ClusterTendency	29.27601876
wavelet-HHH	firstorder	InterquartileRange	128.9414072
wavelet-HHH	firstorder	Skewness	-0.174804647
wavelet-HHH	firstorder	Uniformity	0.08059195
wavelet-HHH	firstorder	Median	6.50636466
wavelet-HHH	firstorder	Energy	927190.34
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.96749009
wavelet-HHH	firstorder	MeanAbsoluteDeviation	74.38829653
wavelet-HHH	firstorder	TotalEnergy	25034139.18
wavelet-HHH	firstorder	Maximum	217.4617323
wavelet-HHH	firstorder	RootMeanSquared	94.87806891
wavelet-HHH	firstorder	90Percentile	125.664928
wavelet-HHH	firstorder	Minimum	-233.2054967
wavelet-HHH	firstorder	Entropy	3.858850987
wavelet-HHH	firstorder	Range	450.667229
wavelet-HHH	firstorder	Variance	8976.352642
wavelet-HHH	firstorder	10Percentile	-118.0022586
wavelet-HHH	firstorder	Kurtosis	2.761033394
wavelet-HHH	firstorder	Mean	5.0492889
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.034491869
wavelet-HHH	glrlm	GrayLevelVariance	15.31412465
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.034865232
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.078970229
wavelet-HHH	glrlm	RunVariance	0.047911381
wavelet-HHH	glrlm	GrayLevelNonUniformity	7.783353578
wavelet-HHH	glrlm	LongRunEmphasis	1.142577278
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	124.9553853
wavelet-HHH	glrlm	RunLengthNonUniformity	90.53960922
wavelet-HHH	glrlm	ShortRunEmphasis	0.967008644
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	147.2415851
wavelet-HHH	glrlm	RunPercentage	0.956684093
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.036435002
wavelet-HHH	glrlm	RunEntropy	4.047297255
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	129.1018373
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.917707771
wavelet-HHH	glszm	GrayLevelVariance	22.06051976
wavelet-HHH	glszm	ZoneVariance	4.128871485
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.062299751
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.48237807
wavelet-HHH	glszm	SizeZoneNonUniformity	25.56603774
wavelet-HHH	glszm	GrayLevelNonUniformity	3.301886792
wavelet-HHH	glszm	LargeAreaEmphasis	7.905660377
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	94.44176069
wavelet-HHH	glszm	ZonePercentage	0.514563107
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.123259853
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1006.754717
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	131.7169811
wavelet-HHH	glszm	SmallAreaEmphasis	0.716999326
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.054769838
wavelet-HHH	glszm	ZoneEntropy	4.892738143
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.05057045
wavelet-HHH	ngtdm	Coarseness	0.056030365
wavelet-HHH	ngtdm	Complexity	363.1198626

wavelet-HHH	ngtdm	Strength	4.699918798
wavelet-HHH	ngtdm	Contrast	0.311481192
wavelet-HHH	ngtdm	Busyness	0.106777935
wavelet-HLL	gldm	GrayLevelVariance	241.9051749
wavelet-HLL	gldm	HighGrayLevelEmphasis	898.3592233
wavelet-HLL	gldm	DependenceEntropy	5.724766061
wavelet-HLL	gldm	DependenceNonUniformity	50.63106796
wavelet-HLL	gldm	GrayLevelNonUniformity	2.980582524
wavelet-HLL	gldm	SmallDependenceEmphasis	0.722559331
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	738.1092907
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.491563767
wavelet-HLL	gldm	LargeDependenceEmphasis	2.650485437
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.027744341
wavelet-HLL	gldm	DependenceVariance	0.501272504
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1738.961165
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015574125
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.017572222
wavelet-HLL	glcm	JointAverage	24.03711536
wavelet-HLL	glcm	SumAverage	48.07423072
wavelet-HLL	glcm	JointEntropy	6.846596674
wavelet-HLL	glcm	ClusterShade	6864.233668
wavelet-HLL	glcm	MaximumProbability	0.017857839
wavelet-HLL	glcm	Idmn	0.926099837
wavelet-HLL	glcm	JointEnergy	0.008984911
wavelet-HLL	glcm	Contrast	375.1296821
wavelet-HLL	glcm	DifferenceEntropy	4.571760835
wavelet-HLL	glcm	InverseVariance	0.071753284
wavelet-HLL	glcm	DifferenceVariance	134.8119917
wavelet-HLL	glcm	Idn	0.830032788
wavelet-HLL	glcm	Idm	0.076488163
wavelet-HLL	glcm	Correlation	0.172609206
wavelet-HLL	glcm	Autocorrelation	634.0686615
wavelet-HLL	glcm	SumEntropy	5.289272133
wavelet-HLL	glcm	SumSquares	241.3247458
wavelet-HLL	glcm	ClusterProminence	835255.1752
wavelet-HLL	glcm	Imc2	0.999525716
wavelet-HLL	glcm	Imc1	-0.676677749
wavelet-HLL	glcm	DifferenceAverage	14.69495588
wavelet-HLL	glcm	Id	0.14930589
wavelet-HLL	glcm	ClusterTendency	590.1693011
wavelet-HLL	firstorder	InterquartileRange	606.5179549
wavelet-HLL	firstorder	Skewness	0.562496463
wavelet-HLL	firstorder	Uniformity	0.028937694
wavelet-HLL	firstorder	Median	-219.0997709
wavelet-HLL	firstorder	Energy	16495218.45
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	247.3088034
wavelet-HLL	firstorder	MeanAbsoluteDeviation	330.096339
wavelet-HLL	firstorder	TotalEnergy	445370898.1
wavelet-HLL	firstorder	Maximum	827.7201171
wavelet-HLL	firstorder	RootMeanSquared	400.1846473
wavelet-HLL	firstorder	90Percentile	520.0444021
wavelet-HLL	firstorder	Minimum	-715.961789
wavelet-HLL	firstorder	Entropy	5.320633508
wavelet-HLL	firstorder	Range	1543.681906
wavelet-HLL	firstorder	Variance	150578.4328

wavelet-HLL	firstorder	10Percentile	-522.9121136
wavelet-HLL	firstorder	Kurtosis	2.267863639
wavelet-HLL	firstorder	Mean	-97.82289693
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.017686185
wavelet-HLL	glrlm	GrayLevelVariance	243.3142328
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.017775818
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.028577272
wavelet-HLL	glrlm	RunVariance	0.017909352
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.89116803
wavelet-HLL	glrlm	LongRunEmphasis	1.055162064
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	897.6512836
wavelet-HLL	glrlm	RunLengthNonUniformity	97.55702581
wavelet-HLL	glrlm	ShortRunEmphasis	0.986209484
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	934.5649749
wavelet-HLL	glrlm	RunPercentage	0.982076176
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.01813435
wavelet-HLL	glrlm	RunEntropy	5.374762168
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	905.0340219
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.964181296
wavelet-HLL	glszm	GrayLevelVariance	257.3535098
wavelet-HLL	glszm	ZoneVariance	0.410023795
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.025877454
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.687091017
wavelet-HLL	glszm	SizeZoneNonUniformity	56.34146341
wavelet-HLL	glszm	GrayLevelNonUniformity	2.12195122
wavelet-HLL	glszm	LargeAreaEmphasis	1.987804878
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	896.3121138
wavelet-HLL	glszm	ZonePercentage	0.796116505
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.026680821
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1472.5
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	987.0121951
wavelet-HLL	glszm	SmallAreaEmphasis	0.855162602
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.020293816
wavelet-HLL	glszm	ZoneEntropy	5.649758102
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019163671
wavelet-HLL	ngtdm	Coarseness	0.038354291
wavelet-HLL	ngtdm	Complexity	10501.44495
wavelet-HLL	ngtdm	Strength	52.44775556
wavelet-HLL	ngtdm	Contrast	2.194434169
wavelet-HLL	ngtdm	Busyness	0.029320119
wavelet-LHL	gldm	GrayLevelVariance	88.69752097
wavelet-LHL	gldm	HighGrayLevelEmphasis	927.4466019
wavelet-LHL	gldm	DependenceEntropy	5.421639605
wavelet-LHL	gldm	DependenceNonUniformity	47.5631068
wavelet-LHL	gldm	GrayLevelNonUniformity	4.572815534
wavelet-LHL	gldm	SmallDependenceEmphasis	0.70184466
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	634.6143312
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.461777736
wavelet-LHL	gldm	LargeDependenceEmphasis	3.213592233
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01713046
wavelet-LHL	gldm	DependenceVariance	0.770289377
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3021.291262
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013845029
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.0142412
wavelet-LHL	glcm	JointAverage	29.18745493

wavelet-LHL	glcm	SumAverage	58.37490986
wavelet-LHL	glcm	JointEntropy	6.734465426
wavelet-LHL	glcm	ClusterShade	-1166.534341
wavelet-LHL	glcm	MaximumProbability	0.019625672
wavelet-LHL	glcm	Idmn	0.95393984
wavelet-LHL	glcm	JointEnergy	0.009945086
wavelet-LHL	glcm	Contrast	124.2669768
wavelet-LHL	glcm	DifferenceEntropy	4.141369827
wavelet-LHL	glcm	InverseVariance	0.123778524
wavelet-LHL	glcm	DifferenceVariance	46.72983186
wavelet-LHL	glcm	Idn	0.859793201
wavelet-LHL	glcm	Idm	0.113245617
wavelet-LHL	glcm	Correlation	0.234215971
wavelet-LHL	glcm	Autocorrelation	871.2562696
wavelet-LHL	glcm	SumEntropy	4.989581935
wavelet-LHL	glcm	SumSquares	81.06103633
wavelet-LHL	glcm	ClusterProminence	119707.0362
wavelet-LHL	glcm	Imc2	0.997203614
wavelet-LHL	glcm	Imc1	-0.559015655
wavelet-LHL	glcm	DifferenceAverage	8.611590069
wavelet-LHL	glcm	Id	0.198623071
wavelet-LHL	glcm	ClusterTendency	199.9771685
wavelet-LHL	firstorder	InterquartileRange	296.8581789
wavelet-LHL	firstorder	Skewness	-0.769681375
wavelet-LHL	firstorder	Uniformity	0.044396267
wavelet-LHL	firstorder	Median	-7.4091183
wavelet-LHL	firstorder	Energy	5863333.371
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	123.5322292
wavelet-LHL	firstorder	MeanAbsoluteDeviation	185.3195706
wavelet-LHL	firstorder	TotalEnergy	158310001
wavelet-LHL	firstorder	Maximum	428.4913192
wavelet-LHL	firstorder	RootMeanSquared	238.5907934
wavelet-LHL	firstorder	90Percentile	221.0127648
wavelet-LHL	firstorder	Minimum	-735.6794683
wavelet-LHL	firstorder	Entropy	4.756401684
wavelet-LHL	firstorder	Range	1164.170787
wavelet-LHL	firstorder	Variance	55478.04682
wavelet-LHL	firstorder	10Percentile	-345.4917013
wavelet-LHL	firstorder	Kurtosis	3.52815369
wavelet-LHL	firstorder	Mean	-38.04628617
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014507703
wavelet-LHL	glrlm	GrayLevelVariance	89.55331173
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.014529569
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.043820977
wavelet-LHL	glrlm	RunVariance	0.021635191
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.415959502
wavelet-LHL	glrlm	LongRunEmphasis	1.066888461
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	910.4976837
wavelet-LHL	glrlm	RunLengthNonUniformity	96.43916149
wavelet-LHL	glrlm	ShortRunEmphasis	0.983277885
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	991.1278483
wavelet-LHL	glrlm	RunPercentage	0.978342046
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014617034
wavelet-LHL	glrlm	RunEntropy	4.842682476
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	926.6237166



wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.956729617
wavelet-LHL	glszm	GrayLevelVariance	100.3775477
wavelet-LHL	glszm	ZoneVariance	0.93573307
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.041091387
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.706771861
wavelet-LHL	glszm	SizeZoneNonUniformity	55.12820513
wavelet-LHL	glszm	GrayLevelNonUniformity	3.205128205
wavelet-LHL	glszm	LargeAreaEmphasis	2.679487179
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	776.6756352
wavelet-LHL	glszm	ZonePercentage	0.757281553
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.020598847
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2466.423077
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	914.0897436
wavelet-LHL	glszm	SmallAreaEmphasis	0.863865632
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.018384441
wavelet-LHL	glszm	ZoneEntropy	5.137635713
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018198427
wavelet-LHL	ngtdm	Coarseness	0.044543369
wavelet-LHL	ngtdm	Complexity	3547.167035
wavelet-LHL	ngtdm	Strength	28.30670924
wavelet-LHL	ngtdm	Contrast	0.943597442
wavelet-LHL	ngtdm	Busyness	0.022895493
wavelet-LHH	gldm	GrayLevelVariance	22.80422283
wavelet-LHH	gldm	HighGrayLevelEmphasis	150.0776699
wavelet-LHH	gldm	DependenceEntropy	5.289283022
wavelet-LHH	gldm	DependenceNonUniformity	31.21359223
wavelet-LHH	gldm	GrayLevelNonUniformity	6.980582524
wavelet-LHH	gldm	SmallDependenceEmphasis	0.438851133
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	72.01607066
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.303044585
wavelet-LHH	gldm	LargeDependenceEmphasis	5.718446602
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.086327866
wavelet-LHH	gldm	DependenceVariance	1.197662362
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	730.9902913
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016650127
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.025001256
wavelet-LHH	glcm	JointAverage	11.33646638
wavelet-LHH	glcm	SumAverage	22.67293275
wavelet-LHH	glcm	JointEntropy	6.502898463
wavelet-LHH	glcm	ClusterShade	107.1933919
wavelet-LHH	glcm	MaximumProbability	0.030103603
wavelet-LHH	glcm	Idmn	0.932369813
wavelet-LHH	glcm	JointEnergy	0.012361655
wavelet-LHH	glcm	Contrast	48.90229526
wavelet-LHH	glcm	DifferenceEntropy	3.626946105
wavelet-LHH	glcm	InverseVariance	0.195199897
wavelet-LHH	glcm	DifferenceVariance	19.44486297
wavelet-LHH	glcm	Idn	0.835779759
wavelet-LHH	glcm	Idm	0.191904278
wavelet-LHH	glcm	Correlation	-0.008108909
wavelet-LHH	glcm	Autocorrelation	128.3662768
wavelet-LHH	glcm	SumEntropy	4.329127756
wavelet-LHH	glcm	SumSquares	24.29407203
wavelet-LHH	glcm	ClusterProminence	8231.01935
wavelet-LHH	glcm	Imc2	0.983724637

wavelet-LHH	glcm	Imc1	-0.42236176
wavelet-LHH	glcm	DifferenceAverage	5.3295636
wavelet-LHH	glcm	Id	0.281235549
wavelet-LHH	glcm	ClusterTendency	48.27399285
wavelet-LHH	firstorder	InterquartileRange	143.4720258
wavelet-LHH	firstorder	Skewness	0.464366113
wavelet-LHH	firstorder	Uniformity	0.067772646
wavelet-LHH	firstorder	Median	-13.20328289
wavelet-LHH	firstorder	Energy	1477701.173
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	58.15945317
wavelet-LHH	firstorder	MeanAbsoluteDeviation	92.17959867
wavelet-LHH	firstorder	TotalEnergy	39897931.66
wavelet-LHH	firstorder	Maximum	305.3828222
wavelet-LHH	firstorder	RootMeanSquared	119.777349
wavelet-LHH	firstorder	90Percentile	164.8148265
wavelet-LHH	firstorder	Minimum	-272.3802531
wavelet-LHH	firstorder	Entropy	4.10677739
wavelet-LHH	firstorder	Range	577.7630754
wavelet-LHH	firstorder	Variance	14320.77158
wavelet-LHH	firstorder	10Percentile	-161.6670047
wavelet-LHH	firstorder	Kurtosis	3.120793792
wavelet-LHH	firstorder	Mean	-5.083477634
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025062356
wavelet-LHH	glrlm	GrayLevelVariance	23.21717773
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.025519132
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.067107184
wavelet-LHH	glrlm	RunVariance	0.044754538
wavelet-LHH	glrlm	GrayLevelNonUniformity	6.612894119
wavelet-LHH	glrlm	LongRunEmphasis	1.137963395
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	146.6021221
wavelet-LHH	glrlm	RunLengthNonUniformity	90.19894621
wavelet-LHH	glrlm	ShortRunEmphasis	0.966372485
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	168.8067714
wavelet-LHH	glrlm	RunPercentage	0.956684093
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.027400191
wavelet-LHH	glrlm	RunEntropy	4.279801683
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	150.9988492
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.915011656
wavelet-LHH	glszm	GrayLevelVariance	29.49872449
wavelet-LHH	glszm	ZoneVariance	1.813456633
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.058673469
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.397321429
wavelet-LHH	glszm	SizeZoneNonUniformity	22.25
wavelet-LHH	glszm	GrayLevelNonUniformity	3.285714286
wavelet-LHH	glszm	LargeAreaEmphasis	5.196428571
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	109.0553661
wavelet-LHH	glszm	ZonePercentage	0.54368932
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.08506406
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	710.1785714
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	160.9285714
wavelet-LHH	glszm	SmallAreaEmphasis	0.646386257
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.034393708
wavelet-LHH	glszm	ZoneEntropy	5.173251797
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02828102
wavelet-LHH	ngtdm	Coarseness	0.055441088

wavelet-LHH	ngtdm	Complexity	694.1892285
wavelet-LHH	ngtdm	Strength	7.863132165
wavelet-LHH	ngtdm	Contrast	0.375813815
wavelet-LHH	ngtdm	Busyness	0.092891396
wavelet-LLH	gldm	GrayLevelVariance	55.5518899
wavelet-LLH	gldm	HighGrayLevelEmphasis	537.8446602
wavelet-LLH	gldm	DependenceEntropy	5.372092003
wavelet-LLH	gldm	DependenceNonUniformity	35.34951456
wavelet-LLH	gldm	GrayLevelNonUniformity	5.058252427
wavelet-LLH	gldm	SmallDependenceEmphasis	0.539239482
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	308.1357875
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.343199171
wavelet-LLH	gldm	LargeDependenceEmphasis	4.145631068
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.090435979
wavelet-LLH	gldm	DependenceVariance	0.778584221
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2044.563107
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008763283
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.0244446338
wavelet-LLH	glcm	JointAverage	21.38051601
wavelet-LLH	glcm	SumAverage	42.76103201
wavelet-LLH	glcm	JointEntropy	6.654118764
wavelet-LLH	glcm	ClusterShade	330.1263563
wavelet-LLH	glcm	MaximumProbability	0.024976847
wavelet-LLH	glcm	Idmn	0.96034371
wavelet-LLH	glcm	JointEnergy	0.010730715
wavelet-LLH	glcm	Contrast	74.27425716
wavelet-LLH	glcm	DifferenceEntropy	3.775772315
wavelet-LLH	glcm	InverseVariance	0.142076534
wavelet-LLH	glcm	DifferenceVariance	28.84049157
wavelet-LLH	glcm	Idn	0.869512597
wavelet-LLH	glcm	Idm	0.14345247
wavelet-LLH	glcm	Correlation	0.276039045
wavelet-LLH	glcm	Autocorrelation	471.6000329
wavelet-LLH	glcm	SumEntropy	4.816490671
wavelet-LLH	glcm	SumSquares	51.52688479
wavelet-LLH	glcm	ClusterProminence	60192.64145
wavelet-LLH	glcm	Imc2	0.994260557
wavelet-LLH	glcm	Imc1	-0.510215825
wavelet-LLH	glcm	DifferenceAverage	6.578211563
wavelet-LLH	glcm	Id	0.235906674
wavelet-LLH	glcm	ClusterTendency	131.833282
wavelet-LLH	firstorder	InterquartileRange	235.6520935
wavelet-LLH	firstorder	Skewness	-0.202921936
wavelet-LLH	firstorder	Uniformity	0.049109247
wavelet-LLH	firstorder	Median	-48.68247246
wavelet-LLH	firstorder	Energy	3697236.903
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	97.27141107
wavelet-LLH	firstorder	MeanAbsoluteDeviation	144.4913857
wavelet-LLH	firstorder	TotalEnergy	99825396.38
wavelet-LLH	firstorder	Maximum	416.9014446
wavelet-LLH	firstorder	RootMeanSquared	189.4610881
wavelet-LLH	firstorder	90Percentile	213.3332638
wavelet-LLH	firstorder	Minimum	-566.1054777
wavelet-LLH	firstorder	Entropy	4.557494101
wavelet-LLH	firstorder	Range	983.0069223

wavelet-LLH	firstorder	Variance	34470.12365
wavelet-LLH	firstorder	10Percentile	-232.8721681
wavelet-LLH	firstorder	Kurtosis	3.409522386
wavelet-LLH	firstorder	Mean	-37.75420857
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.023718869
wavelet-LLH	glrlm	GrayLevelVariance	56.13047942
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.024380436
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048654925
wavelet-LLH	glrlm	RunVariance	0.033571294
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.849785772
wavelet-LLH	glrlm	LongRunEmphasis	1.101856477
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	527.6124581
wavelet-LLH	glrlm	RunLengthNonUniformity	93.50036459
wavelet-LLH	glrlm	ShortRunEmphasis	0.975382119
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	588.9904279
wavelet-LLH	glrlm	RunPercentage	0.967886482
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.027034379
wavelet-LLH	glrlm	RunEntropy	4.665836313
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	539.5894991
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.937381856
wavelet-LLH	glszm	GrayLevelVariance	64.16236686
wavelet-LLH	glszm	ZoneVariance	1.596686391
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.046153846
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.507218935
wavelet-LLH	glszm	SizeZoneNonUniformity	32.96923077
wavelet-LLH	glszm	GrayLevelNonUniformity	3
wavelet-LLH	glszm	LargeAreaEmphasis	4.107692308
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	428.7128205
wavelet-LLH	glszm	ZonePercentage	0.631067961
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.075460933
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2057.507692
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	563.1692308
wavelet-LLH	glszm	SmallAreaEmphasis	0.737796771
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.021932042
wavelet-LLH	glszm	ZoneEntropy	5.174376806
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009759072
wavelet-LLH	ngtdm	Coarseness	0.051497858
wavelet-LLH	ngtdm	Complexity	1706.751996
wavelet-LLH	ngtdm	Strength	18.84501301
wavelet-LLH	ngtdm	Contrast	0.640842432
wavelet-LLH	ngtdm	Busyness	0.039826428
wavelet-LLL	gldm	GrayLevelVariance	539.7720803
wavelet-LLL	gldm	HighGrayLevelEmphasis	2055.475728
wavelet-LLL	gldm	DependenceEntropy	5.82602295
wavelet-LLL	gldm	DependenceNonUniformity	63.19417476
wavelet-LLL	gldm	GrayLevelNonUniformity	2.59223301
wavelet-LLL	gldm	SmallDependenceEmphasis	0.811218986
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1573.1548
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.613535677
wavelet-LLL	gldm	LargeDependenceEmphasis	1.970873786
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013971123
wavelet-LLL	gldm	DependenceVariance	0.303515883
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4376.38835
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013013774
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.013177631

wavelet-LLL	glcm	JointAverage	45.4606761
wavelet-LLL	glcm	SumAverage	90.9213522
wavelet-LLL	glcm	JointEntropy	6.900205091
wavelet-LLL	glcm	ClusterShade	2000.986736
wavelet-LLL	glcm	MaximumProbability	0.014932273
wavelet-LLL	glcm	Idmn	0.923974408
wavelet-LLL	glcm	JointEnergy	0.008561835
wavelet-LLL	glcm	Contrast	813.7140577
wavelet-LLL	glcm	DifferenceEntropy	5.043198758
wavelet-LLL	glcm	InverseVariance	0.051559173
wavelet-LLL	glcm	DifferenceVariance	252.8222066
wavelet-LLL	glcm	Idn	0.816994497
wavelet-LLL	glcm	Idm	0.049300038
wavelet-LLL	glcm	Correlation	0.313767981
wavelet-LLL	glcm	Autocorrelation	2244.619973
wavelet-LLL	glcm	SumEntropy	5.576283102
wavelet-LLL	glcm	SumSquares	583.4827462
wavelet-LLL	glcm	ClusterProminence	5015749.706
wavelet-LLL	glcm	Imc2	0.999860168
wavelet-LLL	glcm	Imc1	-0.748120299
wavelet-LLL	glcm	DifferenceAverage	23.24693909
wavelet-LLL	glcm	Id	0.101833727
wavelet-LLL	glcm	ClusterTendency	1520.216927
wavelet-LLL	firstorder	InterquartileRange	926.4080442
wavelet-LLL	firstorder	Skewness	0.401393344
wavelet-LLL	firstorder	Uniformity	0.025167311
wavelet-LLL	firstorder	Median	-1103.481446
wavelet-LLL	firstorder	Energy	151533508.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	371.8753121
wavelet-LLL	firstorder	MeanAbsoluteDeviation	491.2812758
wavelet-LLL	firstorder	TotalEnergy	4091404739
wavelet-LLL	firstorder	Maximum	300.7526176
wavelet-LLL	firstorder	RootMeanSquared	1212.929971
wavelet-LLL	firstorder	90Percentile	-272.2976774
wavelet-LLL	firstorder	Minimum	-2015.308576
wavelet-LLL	firstorder	Entropy	5.554429081
wavelet-LLL	firstorder	Range	2316.061193
wavelet-LLL	firstorder	Variance	337788.5802
wavelet-LLL	firstorder	10Percentile	-1752.713569
wavelet-LLL	firstorder	Kurtosis	2.231898809
wavelet-LLL	firstorder	Mean	-1064.617553
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.013311175
wavelet-LLL	glrlm	GrayLevelVariance	541.6342794
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.013318337
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.0250345
wavelet-LLL	glrlm	RunVariance	0.011198186
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.549666184
wavelet-LLL	glrlm	LongRunEmphasis	1.034206801
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2029.939137
wavelet-LLL	glrlm	RunLengthNonUniformity	99.57963622
wavelet-LLL	glrlm	ShortRunEmphasis	0.9914483
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2134.882724
wavelet-LLL	glrlm	RunPercentage	0.98879761
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.013346984
wavelet-LLL	glrlm	RunEntropy	5.582766615

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2050.927854
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.977603629
wavelet-LLL	glszm	GrayLevelVariance	560.3279889
wavelet-LLL	glszm	ZoneVariance	0.222446661
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023860624
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.778563313
wavelet-LLL	glszm	SizeZoneNonUniformity	69.29213483
wavelet-LLL	glszm	GrayLevelNonUniformity	2.123595506
wavelet-LLL	glszm	LargeAreaEmphasis	1.561797753
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1726.705758
wavelet-LLL	glszm	ZonePercentage	0.86407767
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015571725
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3348.58427
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1980.516854
wavelet-LLL	glszm	SmallAreaEmphasis	0.90363608
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.015117656
wavelet-LLL	glszm	ZoneEntropy	5.794506572
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01503069
wavelet-LLL	ngtdm	Coarseness	0.026200015
wavelet-LLL	ngtdm	Complexity	29236.12222
wavelet-LLL	ngtdm	Strength	83.03836348
wavelet-LLL	ngtdm	Contrast	5.293043312
wavelet-LLL	ngtdm	Busyness	0.021746296
wavelet-HHL	gldm	GrayLevelVariance	29.09699312
wavelet-HHL	gldm	HighGrayLevelEmphasis	225.368932
wavelet-HHL	gldm	DependenceEntropy	5.369773256
wavelet-HHL	gldm	DependenceNonUniformity	30.82524272
wavelet-HHL	gldm	GrayLevelNonUniformity	6.72815534
wavelet-HHL	gldm	SmallDependenceEmphasis	0.500927724
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	116.7248679
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.299274201
wavelet-HHL	gldm	LargeDependenceEmphasis	5.058252427
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.112450902
wavelet-HHL	gldm	DependenceVariance	1.019323216
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1158.669903
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010255778
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.028294666
wavelet-HHL	glcm	JointAverage	14.28315196
wavelet-HHL	glcm	SumAverage	28.56630391
wavelet-HHL	glcm	JointEntropy	6.539687491
wavelet-HHL	glcm	ClusterShade	85.61967659
wavelet-HHL	glcm	MaximumProbability	0.025940272
wavelet-HHL	glcm	Idmn	0.942390237
wavelet-HHL	glcm	JointEnergy	0.011872563
wavelet-HHL	glcm	Contrast	59.57460881
wavelet-HHL	glcm	DifferenceEntropy	3.722492419
wavelet-HHL	glcm	InverseVariance	0.169091027
wavelet-HHL	glcm	DifferenceVariance	23.00094881
wavelet-HHL	glcm	Idn	0.845403798
wavelet-HHL	glcm	Idm	0.167458033
wavelet-HHL	glcm	Correlation	0.027377763
wavelet-HHL	glcm	Autocorrelation	204.8621449
wavelet-HHL	glcm	SumEntropy	4.482764163
wavelet-HHL	glcm	SumSquares	30.57392902
wavelet-HHL	glcm	ClusterProminence	12931.37538

wavelet-HHL	glcm	Imc2	0.985370161
wavelet-HHL	glcm	Imc1	-0.431517189
wavelet-HHL	glcm	DifferenceAverage	5.914488612
wavelet-HHL	glcm	Id	0.258139081
wavelet-HHL	glcm	ClusterTendency	62.72110728
wavelet-HHL	firstorder	InterquartileRange	140.4262254
wavelet-HHL	firstorder	Skewness	0.114447242
wavelet-HHL	firstorder	Uniformity	0.065321897
wavelet-HHL	firstorder	Median	-18.91102085
wavelet-HHL	firstorder	Energy	1872183.007
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	63.41836684
wavelet-HHL	firstorder	MeanAbsoluteDeviation	101.8970546
wavelet-HHL	firstorder	TotalEnergy	50548941.2
wavelet-HHL	firstorder	Maximum	358.5921027
wavelet-HHL	firstorder	RootMeanSquared	134.820377
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wavelet-HHL	firstorder	Entropy	4.191931759
wavelet-HHL	firstorder	Range	703.0666603
wavelet-HHL	firstorder	Variance	18021.64796
wavelet-HHL	firstorder	10Percentile	-190.378307
wavelet-HHL	firstorder	Kurtosis	3.268648983
wavelet-HHL	firstorder	Mean	-12.44532407
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.027528755
wavelet-HHL	glrlm	GrayLevelVariance	29.41582209
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.028352507
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.064571188
wavelet-HHL	glrlm	RunVariance	0.038697006
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.392657927
wavelet-HHL	glrlm	LongRunEmphasis	1.122586039
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	218.5143896
wavelet-HHL	glrlm	RunLengthNonUniformity	91.41757466
wavelet-HHL	glrlm	ShortRunEmphasis	0.96935349
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	252.9363267
wavelet-HHL	glrlm	RunPercentage	0.961165049
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.031647516
wavelet-HHL	glrlm	RunEntropy	4.35491559
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	225.398777
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.922605988
wavelet-HHL	glszm	GrayLevelVariance	33.85219027
wavelet-HHL	glszm	ZoneVariance	1.361999463
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.059392636
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.482397205
wavelet-HHL	glszm	SizeZoneNonUniformity	29.42622951
wavelet-HHL	glszm	GrayLevelNonUniformity	3.62295082
wavelet-HHL	glszm	LargeAreaEmphasis	4.213114754
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	170.5247814
wavelet-HHL	glszm	ZonePercentage	0.59223301
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.097305238
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	953.6229508
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	229.3934426
wavelet-HHL	glszm	SmallAreaEmphasis	0.720091075
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.026546404
wavelet-HHL	glszm	ZoneEntropy	5.014765158
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012242856

wavelet-HHL	ngtdm	Coarseness	0.051450512
wavelet-HHL	ngtdm	Complexity	941.4673731
wavelet-HHL	ngtdm	Strength	9.828366352
wavelet-HHL	ngtdm	Contrast	0.434976469
wavelet-HHL	ngtdm	Busyness	0.061563556
wavelet-HLH	gldm	GrayLevelVariance	27.00688095
wavelet-HLH	gldm	HighGrayLevelEmphasis	179.7572816
wavelet-HLH	gldm	DependenceEntropy	5.306104319
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wavelet-HLH	gldm	GrayLevelNonUniformity	6.553398058
wavelet-HLH	gldm	SmallDependenceEmphasis	0.514700647
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	103.5973625
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.309077199
wavelet-HLH	gldm	LargeDependenceEmphasis	5.13592233
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.063225162
wavelet-HLH	gldm	DependenceVariance	1.174663022
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wavelet-HLH	gldm	LowGrayLevelEmphasis	0.022765938
wavelet-HLH	glcm	JointAverage	12.53375479
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wavelet-HLH	glcm	Idmn	0.938960796
wavelet-HLH	glcm	JointEnergy	0.011726718
wavelet-HLH	glcm	Contrast	57.41849356
wavelet-HLH	glcm	DifferenceEntropy	3.707780165
wavelet-HLH	glcm	InverseVariance	0.144144507
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wavelet-HLH	glcm	Correlation	-0.039804712
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wavelet-HLH	glcm	SumSquares	27.53769082
wavelet-HLH	glcm	ClusterProminence	8766.724725
wavelet-HLH	glcm	Imc2	0.982652941
wavelet-HLH	glcm	Imc1	-0.41761147
wavelet-HLH	glcm	DifferenceAverage	6.032192129
wavelet-HLH	glcm	Id	0.245644472
wavelet-HLH	glcm	ClusterTendency	52.7322697
wavelet-HLH	firstorder	InterquartileRange	185.4689388
wavelet-HLH	firstorder	Skewness	0.362467024
wavelet-HLH	firstorder	Uniformity	0.063625224
wavelet-HLH	firstorder	Median	-1.228645293
wavelet-HLH	firstorder	Energy	1745494.623
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	72.66427388
wavelet-HLH	firstorder	MeanAbsoluteDeviation	104.635335
wavelet-HLH	firstorder	TotalEnergy	47128354.82
wavelet-HLH	firstorder	Maximum	380.4090118
wavelet-HLH	firstorder	RootMeanSquared	130.1789143
wavelet-HLH	firstorder	90Percentile	163.791615
wavelet-HLH	firstorder	Minimum	-284.4487736
wavelet-HLH	firstorder	Entropy	4.179084623



wavelet-HLH	firstorder	Range	664.8577854
wavelet-HLH	firstorder	Variance	16935.35642
wavelet-HLH	firstorder	10Percentile	-167.649168
wavelet-HLH	firstorder	Kurtosis	3.037673623
wavelet-HLH	firstorder	Mean	-3.345642205
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.022981532
wavelet-HLH	glrlm	GrayLevelVariance	27.51840355
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.023276737
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.062854147
wavelet-HLH	glrlm	RunVariance	0.04113797
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.228431203
wavelet-HLH	glrlm	LongRunEmphasis	1.123742795
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	176.1371277
wavelet-HLH	glrlm	RunLengthNonUniformity	91.91695487
wavelet-HLH	glrlm	ShortRunEmphasis	0.970836892
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	200.1580609
wavelet-HLH	glrlm	RunPercentage	0.961911875
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024514405
wavelet-HLH	glrlm	RunEntropy	4.337919048
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	180.6827917
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.926736904
wavelet-HLH	glszm	GrayLevelVariance	35.30771298
wavelet-HLH	glszm	ZoneVariance	1.624294544
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.054017737
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.501209352
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wavelet-HLH	glszm	GrayLevelNonUniformity	3.295081967
wavelet-HLH	glszm	LargeAreaEmphasis	4.475409836
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	154.2464026
wavelet-HLH	glszm	ZonePercentage	0.59223301
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.065793668
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	730.2786885
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	195.4754098
wavelet-HLH	glszm	SmallAreaEmphasis	0.734690346
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.031269324
wavelet-HLH	glszm	ZoneEntropy	5.028777501
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.028291884
wavelet-HLH	ngtdm	Coarseness	0.042810471
wavelet-HLH	ngtdm	Complexity	935.8588704
wavelet-HLH	ngtdm	Strength	8.295698747
wavelet-HLH	ngtdm	Contrast	0.469946996
wavelet-HLH	ngtdm	Busyness	0.098701733

Image type	Feature Class	Feature Name	Value
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general	info	ImageHash	1.9999999999999999)
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general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	749
original	shape	Maximum3DDiameter	42.74331202
original	shape	Maximum2DDiameterSlice	40.43015927
original	shape	Sphericity	0.755118372
original	shape	MinorAxis	31.60142469
original	shape	Elongation	0.878152475
original	shape	SurfaceVolumeRatio	0.231688224
original	shape	Volume	21120.07141
original	shape	MajorAxis	35.98626161
original	shape	SurfaceArea	4893.271836
original	shape	Flatness	0.773510841
original	shape	LeastAxis	27.83576349
original	shape	Maximum2DDiameterColumn	38.2225315
original	shape	Maximum2DDiameterRow	36.33965291
original	gldm	GrayLevelVariance	135.069934
original	gldm	HighGrayLevelEmphasis	1030.151179
original	gldm	DependenceEntropy	7.524608231
original	gldm	DependenceNonUniformity	1513.699539
original	gldm	GrayLevelNonUniformity	232.3511244
original	gldm	SmallDependenceEmphasis	0.4025858
original	gldm	SmallDependenceHighGrayLevelEmphasis	306.7778116
original	gldm	DependenceNonUniformityNormalized	0.205052769
original	gldm	LargeDependenceEmphasis	17.6900569
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.026822709
original	gldm	DependenceVariance	8.205792998
original	gldm	LargeDependenceHighGrayLevelEmphasis	28736.38878
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.001906198
original	gldm	LowGrayLevelEmphasis	0.003809071
original	glcm	JointAverage	31.57971906
original	glcm	SumAverage	63.15943812
original	glcm	JointEntropy	9.54636541
original	glcm	ClusterShade	-5345.845222
original	glcm	MaximumProbability	0.026703563

original	glcm	Idmn	0.969819899
original	glcm	JointEnergy	0.003153567
original	glcm	Contrast	78.43919658
original	glcm	DifferenceEntropy	4.10235528
original	glcm	InverseVariance	0.19606416
original	glcm	DifferenceVariance	34.6225956
original	glcm	Idn	0.892982472
original	glcm	Idm	0.206494627
original	glcm	Correlation	0.666675495
original	glcm	Autocorrelation	1078.786267
original	glcm	SumEntropy	6.051340795
original	glcm	SumSquares	120.3051448
original	glcm	ClusterProminence	397582.0951
original	glcm	Imc2	0.819464259
original	glcm	Imc1	-0.132120364
original	glcm	DifferenceAverage	6.369142024
original	glcm	Id	0.286472025
original	glcm	ClusterTendency	402.7813827
original	firstorder	InterquartileRange	492.75
original	firstorder	Skewness	-0.537959788
original	firstorder	Uniformity	0.031475362
original	firstorder	Median	-202
original	firstorder	Energy	1140488520
original	firstorder	RobustMeanAbsoluteDeviation	197.6417707
original	firstorder	MeanAbsoluteDeviation	249.5261412
original	firstorder	TotalEnergy	3262963829
original	firstorder	Maximum	182
original	firstorder	RootMeanSquared	393.0596278
original	firstorder	90Percentile	63
original	firstorder	Minimum	-976
original	firstorder	Entropy	5.229665233
original	firstorder	Range	1158
original	firstorder	Variance	84314.94702
original	firstorder	10Percentile	-710
original	firstorder	Kurtosis	2.090357081
original	firstorder	Mean	-264.9168247
original	glrlm	ShortRunLowGrayLevelEmphasis	0.003827949
original	glrlm	GrayLevelVariance	133.1032384
original	glrlm	LowGrayLevelRunEmphasis	0.003954596
original	glrlm	GrayLevelNonUniformityNormalized	0.029043171
original	glrlm	RunVariance	0.132591942
original	glrlm	GrayLevelNonUniformity	197.3686964
original	glrlm	LongRunEmphasis	1.319232126
original	glrlm	ShortRunHighGrayLevelEmphasis	911.8943523
original	glrlm	RunLengthNonUniformity	5905.96704
original	glrlm	ShortRunEmphasis	0.944935147
original	glrlm	LongRunHighGrayLevelEmphasis	1476.349419
original	glrlm	RunPercentage	0.920013338
original	glrlm	LongRunLowGrayLevelEmphasis	0.004598029
original	glrlm	RunEntropy	5.64265734
original	glrlm	HighGrayLevelRunEmphasis	990.619336
original	glrlm	RunLengthNonUniformityNormalized	0.867861136
original	glszm	GrayLevelVariance	107.9151738
original	glszm	ZoneVariance	135.9045007
original	glszm	GrayLevelNonUniformityNormalized	0.026731251

original	glszm	SizeZoneNonUniformityNormalized	0.485285958
original	glszm	SizeZoneNonUniformity	1644.63411
original	glszm	GrayLevelNonUniformity	90.59221009
original	glszm	LargeAreaEmphasis	140.649159
original	glszm	SmallAreaHighGrayLevelEmphasis	513.1276377
original	glszm	ZonePercentage	0.459089678
original	glszm	LargeAreaLowGrayLevelEmphasis	0.098177748
original	glszm	LargeAreaHighGrayLevelEmphasis	252012.4491
original	glszm	HighGrayLevelZoneEmphasis	749.8474476
original	glszm	SmallAreaEmphasis	0.724400145
original	glszm	LowGrayLevelZoneEmphasis	0.004809768
original	glszm	ZoneEntropy	6.844530517
original	glszm	SmallAreaLowGrayLevelEmphasis	0.003570729
original	ngtdm	Coarseness	0.001238926
original	ngtdm	Complexity	3640.894545
original	ngtdm	Strength	1.134667519
original	ngtdm	Contrast	0.489038598
original	ngtdm	Busyness	0.514564072
wavelet-HHH	gldm	GrayLevelVariance	0.484336199
wavelet-HHH	gldm	HighGrayLevelEmphasis	12.70495801
wavelet-HHH	gldm	DependenceEntropy	4.974594924
wavelet-HHH	gldm	DependenceNonUniformity	570.4277973
wavelet-HHH	gldm	GrayLevelNonUniformity	2975.494175
wavelet-HHH	gldm	SmallDependenceEmphasis	0.04983952
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	0.701552954
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.077272798
wavelet-HHH	gldm	LargeDependenceEmphasis	116.6746139
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	10.30401991
wavelet-HHH	gldm	DependenceVariance	14.96047603
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1442.963966
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008465519
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.095143593
wavelet-HHH	glcm	JointAverage	3.496753456
wavelet-HHH	glcm	SumAverage	6.993506912
wavelet-HHH	glcm	JointEntropy	3.026385406
wavelet-HHH	glcm	ClusterShade	0.000364918
wavelet-HHH	glcm	MaximumProbability	0.213158798
wavelet-HHH	glcm	Idmn	0.974753332
wavelet-HHH	glcm	JointEnergy	0.165832365
wavelet-HHH	glcm	Contrast	0.986291016
wavelet-HHH	glcm	DifferenceEntropy	1.433684293
wavelet-HHH	glcm	InverseVariance	0.514871943
wavelet-HHH	glcm	DifferenceVariance	0.471278398
wavelet-HHH	glcm	Idn	0.902352643
wavelet-HHH	glcm	Idm	0.668858965
wavelet-HHH	glcm	Correlation	-0.020554138
wavelet-HHH	glcm	Autocorrelation	12.2173241
wavelet-HHH	glcm	SumEntropy	1.998511454
wavelet-HHH	glcm	SumSquares	0.483184286
wavelet-HHH	glcm	ClusterProminence	2.994081379
wavelet-HHH	glcm	Imc2	0.126326346
wavelet-HHH	glcm	Imc1	-0.007917516
wavelet-HHH	glcm	DifferenceAverage	0.715982412
wavelet-HHH	glcm	Id	0.683176526
wavelet-HHH	glcm	ClusterTendency	0.946446127

wavelet-HHH	firstorder	InterquartileRange	18.85249087
wavelet-HHH	firstorder	Skewness	-0.00482844
wavelet-HHH	firstorder	Uniformity	0.403074258
wavelet-HHH	firstorder	Median	-0.124920362
wavelet-HHH	firstorder	Energy	1789693.939
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	7.873638936
wavelet-HHH	firstorder	MeanAbsoluteDeviation	11.91787083
wavelet-HHH	firstorder	TotalEnergy	5120355.431
wavelet-HHH	firstorder	Maximum	62.04940981
wavelet-HHH	firstorder	RootMeanSquared	15.57049299
wavelet-HHH	firstorder	90Percentile	19.29795418
wavelet-HHH	firstorder	Minimum	-71.21064657
wavelet-HHH	firstorder	Entropy	1.521248299
wavelet-HHH	firstorder	Range	133.2600564
wavelet-HHH	firstorder	Variance	242.439476
wavelet-HHH	firstorder	10Percentile	-19.12285117
wavelet-HHH	firstorder	Kurtosis	3.734017513
wavelet-HHH	firstorder	Mean	-0.027852668
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.074288541
wavelet-HHH	glrlm	GrayLevelVariance	0.590458279
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.09870131
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.366998897
wavelet-HHH	glrlm	RunVariance	0.909974985
wavelet-HHH	glrlm	GrayLevelNonUniformity	1763.487124
wavelet-HHH	glrlm	LongRunEmphasis	3.29649511
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	9.412125816
wavelet-HHH	glrlm	RunLengthNonUniformity	2373.682917
wavelet-HHH	glrlm	ShortRunEmphasis	0.725104366
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	41.38412159
wavelet-HHH	glrlm	RunPercentage	0.650563741
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.301665948
wavelet-HHH	glrlm	RunEntropy	3.024950234
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	12.84495822
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.49233516
wavelet-HHH	glszm	GrayLevelVariance	2.603789457
wavelet-HHH	glszm	ZoneVariance	67972.35087
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.394928697
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.460282807
wavelet-HHH	glszm	SizeZoneNonUniformity	145.4493671
wavelet-HHH	glszm	GrayLevelNonUniformity	124.7974684
wavelet-HHH	glszm	LargeAreaEmphasis	68518.07595
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	9.999231077
wavelet-HHH	glszm	ZonePercentage	0.042806827
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	5989.261496
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	850743.4747
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	14.67721519
wavelet-HHH	glszm	SmallAreaEmphasis	0.703010689
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.186778305
wavelet-HHH	glszm	ZoneEntropy	3.470779675
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.145985219
wavelet-HHH	ngtdm	Coarseness	0.000641599
wavelet-HHH	ngtdm	Complexity	9.584569555
wavelet-HHH	ngtdm	Strength	0.008848351
wavelet-HHH	ngtdm	Contrast	0.020174825
wavelet-HHH	ngtdm	Busyness	60.00636364

wavelet-HLL	gldm	GrayLevelVariance	99.16142462
wavelet-HLL	gldm	HighGrayLevelEmphasis	1129.891493
wavelet-HLL	gldm	DependenceEntropy	7.366664203
wavelet-HLL	gldm	DependenceNonUniformity	2006.057437
wavelet-HLL	gldm	GrayLevelNonUniformity	214.5865619
wavelet-HLL	gldm	SmallDependenceEmphasis	0.465966035
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	539.2594764
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.271749856
wavelet-HLL	gldm	LargeDependenceEmphasis	7.143321593
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009405728
wavelet-HLL	gldm	DependenceVariance	2.115812398
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	7713.624086
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00111149
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.001882093
wavelet-HLL	glcm	JointAverage	32.02285154
wavelet-HLL	glcm	SumAverage	64.04570308
wavelet-HLL	glcm	JointEntropy	10.13785209
wavelet-HLL	glcm	ClusterShade	1121.422628
wavelet-HLL	glcm	MaximumProbability	0.00530505
wavelet-HLL	glcm	Idmn	0.976130393
wavelet-HLL	glcm	JointEnergy	0.001343454
wavelet-HLL	glcm	Contrast	146.0724176
wavelet-HLL	glcm	DifferenceEntropy	4.44983795
wavelet-HLL	glcm	InverseVariance	0.149296444
wavelet-HLL	glcm	DifferenceVariance	61.83438645
wavelet-HLL	glcm	Idn	0.903714134
wavelet-HLL	glcm	Idm	0.144957509
wavelet-HLL	glcm	Correlation	0.249024818
wavelet-HLL	glcm	Autocorrelation	1050.232467
wavelet-HLL	glcm	SumEntropy	5.946219822
wavelet-HLL	glcm	SumSquares	97.79815438
wavelet-HLL	glcm	ClusterProminence	210479.1834
wavelet-HLL	glcm	Imc2	0.722218649
wavelet-HLL	glcm	Imc1	-0.096716843
wavelet-HLL	glcm	DifferenceAverage	8.638041169
wavelet-HLL	glcm	Id	0.227048684
wavelet-HLL	glcm	ClusterTendency	245.1202
wavelet-HLL	firstorder	InterquartileRange	330.1855253
wavelet-HLL	firstorder	Skewness	0.238450758
wavelet-HLL	firstorder	Uniformity	0.029068892
wavelet-HLL	firstorder	Median	-47.15312374
wavelet-HLL	firstorder	Energy	466794361.1
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	135.1485724
wavelet-HLL	firstorder	MeanAbsoluteDeviation	196.0262743
wavelet-HLL	firstorder	TotalEnergy	1335509380
wavelet-HLL	firstorder	Maximum	1008.48266
wavelet-HLL	firstorder	RootMeanSquared	251.4639772
wavelet-HLL	firstorder	90Percentile	297.1586403
wavelet-HLL	firstorder	Minimum	-824.1093207
wavelet-HLL	firstorder	Entropy	5.345191389
wavelet-HLL	firstorder	Range	1832.591981
wavelet-HLL	firstorder	Variance	62002.64774
wavelet-HLL	firstorder	10Percentile	-347.1411018
wavelet-HLL	firstorder	Kurtosis	3.181685154
wavelet-HLL	firstorder	Mean	-35.09250762

wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001863807
wavelet-HLL	glrlm	GrayLevelVariance	101.0048324
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.001910833
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.028639887
wavelet-HLL	glrlm	RunVariance	0.06056296
wavelet-HLL	glrlm	GrayLevelNonUniformity	201.3292686
wavelet-HLL	glrlm	LongRunEmphasis	1.166581006
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1094.077662
wavelet-HLL	glrlm	RunLengthNonUniformity	6428.894135
wavelet-HLL	glrlm	ShortRunEmphasis	0.964921824
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1312.575485
wavelet-HLL	glrlm	RunPercentage	0.952222662
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.002127723
wavelet-HLL	glrlm	RunEntropy	5.625175258
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1132.209878
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.9131644
wavelet-HLL	glszm	GrayLevelVariance	121.6427963
wavelet-HLL	glszm	ZoneVariance	9.348803739
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.025298954
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.476644344
wavelet-HLL	glszm	SizeZoneNonUniformity	1914.203685
wavelet-HLL	glszm	GrayLevelNonUniformity	101.6005976
wavelet-HLL	glszm	LargeAreaEmphasis	12.72758964
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	836.2362147
wavelet-HLL	glszm	ZonePercentage	0.544026009
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.01530314
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	13434.71738
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1161.528635
wavelet-HLL	glszm	SmallAreaEmphasis	0.717476554
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.002294284
wavelet-HLL	glszm	ZoneEntropy	7.02347776
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001833501
wavelet-HLL	ngtdm	Coarseness	0.001029805
wavelet-HLL	ngtdm	Complexity	13843.41335
wavelet-HLL	ngtdm	Strength	1.82479425
wavelet-HLL	ngtdm	Contrast	0.232395052
wavelet-HLL	ngtdm	Busyness	0.358049679
wavelet-LHL	gldm	GrayLevelVariance	12.42865072
wavelet-LHL	gldm	HighGrayLevelEmphasis	213.2216202
wavelet-LHL	gldm	DependenceEntropy	6.805925369
wavelet-LHL	gldm	DependenceNonUniformity	964.1500948
wavelet-LHL	gldm	GrayLevelNonUniformity	640.3752371
wavelet-LHL	gldm	SmallDependenceEmphasis	0.200977046
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	45.15526078
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.130608249
wavelet-LHL	gldm	LargeDependenceEmphasis	24.18531563
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.14495123
wavelet-LHL	gldm	DependenceVariance	6.815548757
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4888.618802
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002252855
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.00775637
wavelet-LHL	glcm	JointAverage	14.13604044
wavelet-LHL	glcm	SumAverage	28.27208088
wavelet-LHL	glcm	JointEntropy	7.350383271
wavelet-LHL	glcm	ClusterShade	11.8514435

wavelet-LHL	glcm	MaximumProbability	0.031334558
wavelet-LHL	glcm	Idmn	0.9832373
wavelet-LHL	glcm	JointEnergy	0.010236547
wavelet-LHL	glcm	Contrast	14.21375092
wavelet-LHL	glcm	DifferenceEntropy	3.002959291
wavelet-LHL	glcm	InverseVariance	0.316469626
wavelet-LHL	glcm	DifferenceVariance	6.233294087
wavelet-LHL	glcm	Idn	0.915684197
wavelet-LHL	glcm	Idm	0.323352159
wavelet-LHL	glcm	Correlation	0.405812424
wavelet-LHL	glcm	Autocorrelation	204.7052241
wavelet-LHL	glcm	SumEntropy	4.544057127
wavelet-LHL	glcm	SumSquares	11.98385758
wavelet-LHL	glcm	ClusterProminence	4387.157359
wavelet-LHL	glcm	Imc2	0.571151149
wavelet-LHL	glcm	Imc1	-0.069590975
wavelet-LHL	glcm	DifferenceAverage	2.768047951
wavelet-LHL	glcm	Id	0.403984201
wavelet-LHL	glcm	ClusterTendency	33.72167939
wavelet-LHL	firstorder	InterquartileRange	104.0781785
wavelet-LHL	firstorder	Skewness	0.026839705
wavelet-LHL	firstorder	Uniformity	0.086748203
wavelet-LHL	firstorder	Median	-10.76460151
wavelet-LHL	firstorder	Energy	57339463.09
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	43.62043918
wavelet-LHL	firstorder	MeanAbsoluteDeviation	66.70937632
wavelet-LHL	firstorder	TotalEnergy	164049519.8
wavelet-LHL	firstorder	Maximum	329.5100435
wavelet-LHL	firstorder	RootMeanSquared	88.13325104
wavelet-LHL	firstorder	90Percentile	103.2560572
wavelet-LHL	firstorder	Minimum	-348.8470512
wavelet-LHL	firstorder	Entropy	3.839573079
wavelet-LHL	firstorder	Range	678.3570947
wavelet-LHL	firstorder	Variance	7700.018324
wavelet-LHL	firstorder	10Percentile	-111.5414115
wavelet-LHL	firstorder	Kurtosis	3.780482456
wavelet-LHL	firstorder	Mean	-8.212893223
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007395947
wavelet-LHL	glrlm	GrayLevelVariance	13.19267653
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.007976753
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.082754027
wavelet-LHL	glrlm	RunVariance	0.183119042
wavelet-LHL	glrlm	GrayLevelNonUniformity	536.4969904
wavelet-LHL	glrlm	LongRunEmphasis	1.488002504
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	195.8070758
wavelet-LHL	glrlm	RunLengthNonUniformity	5141.224982
wavelet-LHL	glrlm	ShortRunEmphasis	0.909390053
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	314.0615578
wavelet-LHL	glrlm	RunPercentage	0.878165184
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.011043771
wavelet-LHL	glrlm	RunEntropy	4.469571883
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	214.4201004
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.79094911
wavelet-LHL	glszm	GrayLevelVariance	24.23636808
wavelet-LHL	glszm	ZoneVariance	917.1006491



wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.056998332
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.324368539
wavelet-LHL	glszm	SizeZoneNonUniformity	526.1257707
wavelet-LHL	glszm	GrayLevelNonUniformity	92.4512947
wavelet-LHL	glszm	LargeAreaEmphasis	937.8138101
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	134.6507815
wavelet-LHL	glszm	ZonePercentage	0.219723652
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	4.87890015
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	184756.0567
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	228.4161529
wavelet-LHL	glszm	SmallAreaEmphasis	0.589228415
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.011560704
wavelet-LHL	glszm	ZoneEntropy	6.596960549
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007815837
wavelet-LHL	ngtdm	Coarseness	0.001259804
wavelet-LHL	ngtdm	Complexity	574.7280081
wavelet-LHL	ngtdm	Strength	0.332528782
wavelet-LHL	ngtdm	Contrast	0.05834807
wavelet-LHL	ngtdm	Busyness	1.600933176
wavelet-LHH	gldm	GrayLevelVariance	0.927024378
wavelet-LHH	gldm	HighGrayLevelEmphasis	21.22460038
wavelet-LHH	gldm	DependenceEntropy	5.565474371
wavelet-LHH	gldm	DependenceNonUniformity	485.509618
wavelet-LHH	gldm	GrayLevelNonUniformity	2255.678949
wavelet-LHH	gldm	SmallDependenceEmphasis	0.057499445
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	1.381776118
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.065769387
wavelet-LHH	gldm	LargeDependenceEmphasis	91.0176104
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	4.811637531
wavelet-LHH	gldm	DependenceVariance	17.17220158
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1861.896234
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005736765
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.059266919
wavelet-LHH	glcm	JointAverage	4.502086908
wavelet-LHH	glcm	SumAverage	9.004173815
wavelet-LHH	glcm	JointEntropy	3.903792075
wavelet-LHH	glcm	ClusterShade	0.175543507
wavelet-LHH	glcm	MaximumProbability	0.157814568
wavelet-LHH	glcm	Idmn	0.975910201
wavelet-LHH	glcm	JointEnergy	0.099960649
wavelet-LHH	glcm	Contrast	1.683864289
wavelet-LHH	glcm	DifferenceEntropy	1.735108496
wavelet-LHH	glcm	InverseVariance	0.495686118
wavelet-LHH	glcm	DifferenceVariance	0.782992461
wavelet-LHH	glcm	Idn	0.902796399
wavelet-LHH	glcm	Idm	0.599727182
wavelet-LHH	glcm	Correlation	0.07592419
wavelet-LHH	glcm	Autocorrelation	20.33810505
wavelet-LHH	glcm	SumEntropy	2.513681073
wavelet-LHH	glcm	SumSquares	0.911246849
wavelet-LHH	glcm	ClusterProminence	14.43688693
wavelet-LHH	glcm	Imc2	0.20257057
wavelet-LHH	glcm	Imc1	-0.018529878
wavelet-LHH	glcm	DifferenceAverage	0.943295929
wavelet-LHH	glcm	Id	0.628579595

wavelet-LHH	glcm	ClusterTendency	1.961123108
wavelet-LHH	firstorder	InterquartileRange	27.00899644
wavelet-LHH	firstorder	Skewness	0.065292051
wavelet-LHH	firstorder	Uniformity	0.305564745
wavelet-LHH	firstorder	Median	-0.094360472
wavelet-LHH	firstorder	Energy	3836185.847
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	11.4217023
wavelet-LHH	firstorder	MeanAbsoluteDeviation	17.3714911
wavelet-LHH	firstorder	TotalEnergy	10975415.75
wavelet-LHH	firstorder	Maximum	93.30180255
wavelet-LHH	firstorder	RootMeanSquared	22.79621787
wavelet-LHH	firstorder	90Percentile	28.19247821
wavelet-LHH	firstorder	Minimum	-95.11057714
wavelet-LHH	firstorder	Entropy	1.98227061
wavelet-LHH	firstorder	Range	188.4123797
wavelet-LHH	firstorder	Variance	519.6244784
wavelet-LHH	firstorder	10Percentile	-28.01276707
wavelet-LHH	firstorder	Kurtosis	3.844724732
wavelet-LHH	firstorder	Mean	0.207534727
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.049413757
wavelet-LHH	glrlm	GrayLevelVariance	1.113967997
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.061567925
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.272604495
wavelet-LHH	glrlm	RunVariance	0.657109133
wavelet-LHH	glrlm	GrayLevelNonUniformity	1424.905576
wavelet-LHH	glrlm	LongRunEmphasis	2.67341576
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	16.82663234
wavelet-LHH	glrlm	RunLengthNonUniformity	2949.007849
wavelet-LHH	glrlm	ShortRunEmphasis	0.776180748
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	55.87473332
wavelet-LHH	glrlm	RunPercentage	0.707948648
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.150927478
wavelet-LHH	glrlm	RunEntropy	3.285246547
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	21.46869415
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.561691869
wavelet-LHH	glszm	GrayLevelVariance	4.202168453
wavelet-LHH	glszm	ZoneVariance	40557.57502
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.221580395
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.276108324
wavelet-LHH	glszm	SizeZoneNonUniformity	104.0928382
wavelet-LHH	glszm	GrayLevelNonUniformity	83.53580902
wavelet-LHH	glszm	LargeAreaEmphasis	40940.98674
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	13.8443374
wavelet-LHH	glszm	ZonePercentage	0.051070171
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	2108.450694
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	836770.4032
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	24.36870027
wavelet-LHH	glszm	SmallAreaEmphasis	0.536722588
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.11661397
wavelet-LHH	glszm	ZoneEntropy	4.883046262
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.072617705
wavelet-LHH	ngtdm	Coarseness	0.000823545
wavelet-LHH	ngtdm	Complexity	19.68253762
wavelet-LHH	ngtdm	Strength	0.018182226
wavelet-LHH	ngtdm	Contrast	0.024378854

wavelet-LHH	ngtdm	Busyness	26.99774896
wavelet-LLH	gldm	GrayLevelVariance	9.110145564
wavelet-LLH	gldm	HighGrayLevelEmphasis	341.9477106
wavelet-LLH	gldm	DependenceEntropy	6.666411825
wavelet-LLH	gldm	DependenceNonUniformity	904.3489569
wavelet-LLH	gldm	GrayLevelNonUniformity	769.8564075
wavelet-LLH	gldm	SmallDependenceEmphasis	0.179824851
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	63.54119945
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.122507309
wavelet-LLH	gldm	LargeDependenceEmphasis	30.16120293
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.094583801
wavelet-LLH	gldm	DependenceVariance	9.503180501
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	10043.55405
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000797768
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003455196
wavelet-LLH	glcm	JointAverage	18.23727343
wavelet-LLH	glcm	SumAverage	36.47454687
wavelet-LLH	glcm	JointEntropy	6.972645389
wavelet-LLH	glcm	ClusterShade	3.260525066
wavelet-LLH	glcm	MaximumProbability	0.04532311
wavelet-LLH	glcm	Idmn	0.989174892
wavelet-LLH	glcm	JointEnergy	0.013870019
wavelet-LLH	glcm	Contrast	11.658913
wavelet-LLH	glcm	DifferenceEntropy	2.888748541
wavelet-LLH	glcm	InverseVariance	0.338132705
wavelet-LLH	glcm	DifferenceVariance	5.218425774
wavelet-LLH	glcm	Idn	0.931486557
wavelet-LLH	glcm	Idm	0.350858922
wavelet-LLH	glcm	Correlation	0.356959609
wavelet-LLH	glcm	Autocorrelation	335.8439812
wavelet-LLH	glcm	SumEntropy	4.310389886
wavelet-LLH	glcm	SumSquares	9.075185404
wavelet-LLH	glcm	ClusterProminence	2703.411034
wavelet-LLH	glcm	Imc2	0.523003603
wavelet-LLH	glcm	Imc1	-0.058670337
wavelet-LLH	glcm	DifferenceAverage	2.496894275
wavelet-LLH	glcm	Id	0.427196601
wavelet-LLH	glcm	ClusterTendency	24.64182862
wavelet-LLH	firstorder	InterquartileRange	84.87695188
wavelet-LLH	firstorder	Skewness	0.021665185
wavelet-LLH	firstorder	Uniformity	0.104288324
wavelet-LLH	firstorder	Median	-6.055103711
wavelet-LLH	firstorder	Energy	41928353.19
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	35.74736269
wavelet-LLH	firstorder	MeanAbsoluteDeviation	55.99279348
wavelet-LLH	firstorder	TotalEnergy	119957980.7
wavelet-LLH	firstorder	Maximum	332.5689184
wavelet-LLH	firstorder	RootMeanSquared	75.36451039
wavelet-LLH	firstorder	90Percentile	83.74757598
wavelet-LLH	firstorder	Minimum	-435.0428016
wavelet-LLH	firstorder	Entropy	3.602214461
wavelet-LLH	firstorder	Range	767.61172
wavelet-LLH	firstorder	Variance	5638.848661
wavelet-LLH	firstorder	10Percentile	-97.80980971
wavelet-LLH	firstorder	Kurtosis	4.381352745

wavelet-LLH	firstorder	Mean	-6.400059853
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003182037
wavelet-LLH	glrlm	GrayLevelVariance	9.846009342
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003500135
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.097928998
wavelet-LLH	glrlm	RunVariance	0.221156214
wavelet-LLH	glrlm	GrayLevelNonUniformity	624.4097935
wavelet-LLH	glrlm	LongRunEmphasis	1.569007703
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	309.7580395
wavelet-LLH	glrlm	RunLengthNonUniformity	4939.715478
wavelet-LLH	glrlm	ShortRunEmphasis	0.900373632
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	533.3955643
wavelet-LLH	glrlm	RunPercentage	0.863649626
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00529702
wavelet-LLH	glrlm	RunEntropy	4.297845119
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	343.1243766
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.772947304
wavelet-LLH	glszm	GrayLevelVariance	20.71407012
wavelet-LLH	glszm	ZoneVariance	1620.742252
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.062046221
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.3114878
wavelet-LLH	glszm	SizeZoneNonUniformity	442.3126761
wavelet-LLH	glszm	GrayLevelNonUniformity	88.1056338
wavelet-LLH	glszm	LargeAreaEmphasis	1647.767606
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	205.6595799
wavelet-LLH	glszm	ZonePercentage	0.192359794
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	5.035275746
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	544193.662
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	357.178169
wavelet-LLH	glszm	SmallAreaEmphasis	0.575831498
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004456175
wavelet-LLH	glszm	ZoneEntropy	6.495926211
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002961123
wavelet-LLH	ngtdm	Coarseness	0.001200072
wavelet-LLH	ngtdm	Complexity	641.3534945
wavelet-LLH	ngtdm	Strength	0.441355714
wavelet-LLH	ngtdm	Contrast	0.033455977
wavelet-LLH	ngtdm	Busyness	1.084993774
wavelet-LLL	gldm	GrayLevelVariance	956.470307
wavelet-LLL	gldm	HighGrayLevelEmphasis	7074.202113
wavelet-LLL	gldm	DependenceEntropy	8.179937103
wavelet-LLL	gldm	DependenceNonUniformity	2891.191547
wavelet-LLL	gldm	GrayLevelNonUniformity	78.18612842
wavelet-LLL	gldm	SmallDependenceEmphasis	0.636877783
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3784.803514
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.391654233
wavelet-LLL	gldm	LargeDependenceEmphasis	5.000812788
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002483474
wavelet-LLL	gldm	DependenceVariance	1.75281002
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	52348.2731
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000784423
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001051175
wavelet-LLL	glcm	JointAverage	82.75881198
wavelet-LLL	glcm	SumAverage	165.517624
wavelet-LLL	glcm	JointEntropy	11.88355302

wavelet-LLL	glcm	ClusterShade	-93658.94775
wavelet-LLL	glcm	MaximumProbability	0.003378131
wavelet-LLL	glcm	Idmn	0.976039981
wavelet-LLL	glcm	JointEnergy	0.000430244
wavelet-LLL	glcm	Contrast	433.4227412
wavelet-LLL	glcm	DifferenceEntropy	5.289631099
wavelet-LLL	glcm	InverseVariance	0.095917946
wavelet-LLL	glcm	DifferenceVariance	173.2951134
wavelet-LLL	glcm	Idn	0.900565569
wavelet-LLL	glcm	Idm	0.093987857
wavelet-LLL	glcm	Correlation	0.740685903
wavelet-LLL	glcm	Autocorrelation	7488.991491
wavelet-LLL	glcm	SumEntropy	7.5348014
wavelet-LLL	glcm	SumSquares	853.5412623
wavelet-LLL	glcm	ClusterProminence	20908377.04
wavelet-LLL	glcm	Imc2	0.959110677
wavelet-LLL	glcm	Imc1	-0.202065236
wavelet-LLL	glcm	DifferenceAverage	15.47106683
wavelet-LLL	glcm	Id	0.161788135
wavelet-LLL	glcm	ClusterTendency	2980.742308
wavelet-LLL	firstorder	InterquartileRange	1294.482097
wavelet-LLL	firstorder	Skewness	-0.451910046
wavelet-LLL	firstorder	Uniformity	0.010591456
wavelet-LLL	firstorder	Median	-620.0203699
wavelet-LLL	firstorder	Energy	8645284033
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	525.4956576
wavelet-LLL	firstorder	MeanAbsoluteDeviation	665.2410308
wavelet-LLL	firstorder	TotalEnergy	24734356022
wavelet-LLL	firstorder	Maximum	508.0692656
wavelet-LLL	firstorder	RootMeanSquared	1082.187748
wavelet-LLL	firstorder	90Percentile	166.0766747
wavelet-LLL	firstorder	Minimum	-2692.591576
wavelet-LLL	firstorder	Entropy	6.72005778
wavelet-LLL	firstorder	Range	3200.660841
wavelet-LLL	firstorder	Variance	597841.4082
wavelet-LLL	firstorder	10Percentile	-1907.847574
wavelet-LLL	firstorder	Kurtosis	2.068081399
wavelet-LLL	firstorder	Mean	-757.1584466
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001056243
wavelet-LLL	glrlm	GrayLevelVariance	950.4269998
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001068431
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.010391681
wavelet-LLL	glrlm	RunVariance	0.038442986
wavelet-LLL	glrlm	GrayLevelNonUniformity	74.34961757
wavelet-LLL	glrlm	LongRunEmphasis	1.10395847
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	6745.4784
wavelet-LLL	glrlm	RunLengthNonUniformity	6752.611598
wavelet-LLL	glrlm	ShortRunEmphasis	0.977743681
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	8059.626152
wavelet-LLL	glrlm	RunPercentage	0.969145322
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.00111863
wavelet-LLL	glrlm	RunEntropy	6.900517779
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	6970.655908
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.943456858
wavelet-LLL	glszm	GrayLevelVariance	877.7772325

wavelet-LLL	glszm	ZoneVariance	3.678916715
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.009639318
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.644263493
wavelet-LLL	glszm	SizeZoneNonUniformity	3346.304582
wavelet-LLL	glszm	GrayLevelNonUniformity	50.06661533
wavelet-LLL	glszm	LargeAreaEmphasis	5.698883327
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4742.628401
wavelet-LLL	glszm	ZonePercentage	0.70360336
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.002378364
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	63374.24528
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	6059.725838
wavelet-LLL	glszm	SmallAreaEmphasis	0.829780506
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001222623
wavelet-LLL	glszm	ZoneEntropy	7.74009988
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001051909
wavelet-LLL	ngtdm	Coarseness	0.001679529
wavelet-LLL	ngtdm	Complexity	54090.38245
wavelet-LLL	ngtdm	Strength	10.13209047
wavelet-LLL	ngtdm	Contrast	1.006165132
wavelet-LLL	ngtdm	Busyness	0.057277738
wavelet-HHL	gldm	GrayLevelVariance	3.97290408
wavelet-HHL	gldm	HighGrayLevelEmphasis	136.5533731
wavelet-HHL	gldm	DependenceEntropy	6.102636003
wavelet-HHL	gldm	DependenceNonUniformity	767.0376592
wavelet-HHL	gldm	GrayLevelNonUniformity	1141.195611
wavelet-HHL	gldm	SmallDependenceEmphasis	0.1443427
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	20.20022897
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.103906483
wavelet-HHL	gldm	LargeDependenceEmphasis	36.21701436
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.284651929
wavelet-HHL	gldm	DependenceVariance	9.64886889
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4807.906123
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001644725
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.008617642
wavelet-HHL	glcm	JointAverage	11.51125856
wavelet-HHL	glcm	SumAverage	23.02251711
wavelet-HHL	glcm	JointEntropy	5.919816409
wavelet-HHL	glcm	ClusterShade	-1.41433321
wavelet-HHL	glcm	MaximumProbability	0.063581601
wavelet-HHL	glcm	Idmn	0.983689039
wavelet-HHL	glcm	JointEnergy	0.027018461
wavelet-HHL	glcm	Contrast	7.711600157
wavelet-HHL	glcm	DifferenceEntropy	2.627410694
wavelet-HHL	glcm	InverseVariance	0.37730014
wavelet-HHL	glcm	DifferenceVariance	3.390172313
wavelet-HHL	glcm	Idn	0.916693217
wavelet-HHL	glcm	Idm	0.39609907
wavelet-HHL	glcm	Correlation	0.027424638
wavelet-HHL	glcm	Autocorrelation	132.6168817
wavelet-HHL	glcm	SumEntropy	3.513314199
wavelet-HHL	glcm	SumSquares	3.963592717
wavelet-HHL	glcm	ClusterProminence	292.7363495
wavelet-HHL	glcm	Imc2	0.347643139
wavelet-HHL	glcm	Imc1	-0.034405999
wavelet-HHL	glcm	DifferenceAverage	2.046801628

wavelet-HHL	glcm	Id	0.465346416
wavelet-HHL	glcm	ClusterTendency	8.14277071
wavelet-HHL	firstorder	InterquartileRange	56.61481162
wavelet-HHL	firstorder	Skewness	-0.02570806
wavelet-HHL	firstorder	Uniformity	0.154591657
wavelet-HHL	firstorder	Median	-0.141840422
wavelet-HHL	firstorder	Energy	17929125.86
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	24.01434979
wavelet-HHL	firstorder	MeanAbsoluteDeviation	37.11847337
wavelet-HHL	firstorder	TotalEnergy	51295640.55
wavelet-HHL	firstorder	Maximum	239.0135176
wavelet-HHL	firstorder	RootMeanSquared	49.2824781
wavelet-HHL	firstorder	90Percentile	60.52849678
wavelet-HHL	firstorder	Minimum	-250.0972376
wavelet-HHL	firstorder	Entropy	3.013707175
wavelet-HHL	firstorder	Range	489.1107552
wavelet-HHL	firstorder	Variance	2428.639284
wavelet-HHL	firstorder	10Percentile	-58.36994761
wavelet-HHL	firstorder	Kurtosis	4.270365028
wavelet-HHL	firstorder	Mean	0.351231654
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007809268
wavelet-HHL	glrlm	GrayLevelVariance	4.396118258
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008751794
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.143312712
wavelet-HHL	glrlm	RunVariance	0.279973316
wavelet-HHL	glrlm	GrayLevelNonUniformity	889.0365236
wavelet-HHL	glrlm	LongRunEmphasis	1.717170017
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	121.1697053
wavelet-HHL	glrlm	RunLengthNonUniformity	4603.94959
wavelet-HHL	glrlm	ShortRunEmphasis	0.88169623
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	232.9520535
wavelet-HHL	glrlm	RunPercentage	0.840214243
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01442309
wavelet-HHL	glrlm	RunEntropy	3.804548337
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	137.0515496
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.738281522
wavelet-HHL	glszm	GrayLevelVariance	12.45497937
wavelet-HHL	glszm	ZoneVariance	6460.968953
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.102397079
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.364087948
wavelet-HHL	glszm	SizeZoneNonUniformity	361.9034205
wavelet-HHL	glszm	GrayLevelNonUniformity	101.7826962
wavelet-HHL	glszm	LargeAreaEmphasis	6516.122736
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	87.52985929
wavelet-HHL	glszm	ZonePercentage	0.134651856
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	50.45485868
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	860184.9909
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	143.2052314
wavelet-HHL	glszm	SmallAreaEmphasis	0.625009428
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012066707
wavelet-HHL	glszm	ZoneEntropy	5.588293118
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008412175
wavelet-HHL	ngtdm	Coarseness	0.000912779
wavelet-HHL	ngtdm	Complexity	293.8644151
wavelet-HHL	ngtdm	Strength	0.156019846

wavelet-HHL	ngtdm	Contrast	0.028219636
wavelet-HHL	ngtdm	Busyness	3.16975706
wavelet-HLH	gldm	GrayLevelVariance	3.359981858
wavelet-HLH	gldm	HighGrayLevelEmphasis	113.5274993
wavelet-HLH	gldm	DependenceEntropy	6.0449295
wavelet-HLH	gldm	DependenceNonUniformity	737.3362232
wavelet-HLH	gldm	GrayLevelNonUniformity	1231.866974
wavelet-HLH	gldm	SmallDependenceEmphasis	0.128114474
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	15.12156345
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.099882989
wavelet-HLH	gldm	LargeDependenceEmphasis	40.29179084
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.376520486
wavelet-HLH	gldm	DependenceVariance	10.77784327
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4494.480087
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001757651
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.010323376
wavelet-HLH	glcm	JointAverage	10.49639605
wavelet-HLH	glcm	SumAverage	20.9927921
wavelet-HLH	glcm	JointEntropy	5.720647799
wavelet-HLH	glcm	ClusterShade	-0.807059984
wavelet-HLH	glcm	MaximumProbability	0.070014454
wavelet-HLH	glcm	Idmn	0.982577228
wavelet-HLH	glcm	JointEnergy	0.030874782
wavelet-HLH	glcm	Contrast	6.762516271
wavelet-HLH	glcm	DifferenceEntropy	2.545896531
wavelet-HLH	glcm	InverseVariance	0.388639513
wavelet-HLH	glcm	DifferenceVariance	2.969931963
wavelet-HLH	glcm	Idn	0.914263991
wavelet-HLH	glcm	Idm	0.413401088
wavelet-HLH	glcm	Correlation	0.018415948
wavelet-HLH	glcm	Autocorrelation	110.2289147
wavelet-HLH	glcm	SumEntropy	3.404843595
wavelet-HLH	glcm	SumSquares	3.435809911
wavelet-HLH	glcm	ClusterProminence	206.3534552
wavelet-HLH	glcm	Imc2	0.347372645
wavelet-HLH	glcm	Imc1	-0.03435863
wavelet-HLH	glcm	DifferenceAverage	1.915717259
wavelet-HLH	glcm	Id	0.479723504
wavelet-HLH	glcm	ClusterTendency	6.980723371
wavelet-HLH	firstorder	InterquartileRange	52.76255348
wavelet-HLH	firstorder	Skewness	-0.053088516
wavelet-HLH	firstorder	Uniformity	0.166874421
wavelet-HLH	firstorder	Median	-0.073970227
wavelet-HLH	firstorder	Energy	15079890.16
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	22.24541294
wavelet-HLH	firstorder	MeanAbsoluteDeviation	34.12745852
wavelet-HLH	firstorder	TotalEnergy	43143911.81
wavelet-HLH	firstorder	Maximum	210.7054161
wavelet-HLH	firstorder	RootMeanSquared	45.19725597
wavelet-HLH	firstorder	90Percentile	53.93477556
wavelet-HLH	firstorder	Minimum	-226.5495287
wavelet-HLH	firstorder	Entropy	2.895877744
wavelet-HLH	firstorder	Range	437.2549449
wavelet-HLH	firstorder	Variance	2042.764221
wavelet-HLH	firstorder	10Percentile	-56.14904919



wavelet-HLH	firstorder	Kurtosis	4.213609512
wavelet-HLH	firstorder	Mean	-0.166513621
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009285666
wavelet-HLH	glrlm	GrayLevelVariance	3.750374982
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.010502421
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.154175666
wavelet-HLH	glrlm	RunVariance	0.305685308
wavelet-HLH	glrlm	GrayLevelNonUniformity	944.3665018
wavelet-HLH	glrlm	LongRunEmphasis	1.784105439
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	99.54855267
wavelet-HLH	glrlm	RunLengthNonUniformity	4447.866113
wavelet-HLH	glrlm	ShortRunEmphasis	0.87251481
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	201.6518163
wavelet-HLH	glrlm	RunPercentage	0.829512536
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.017891891
wavelet-HLH	glrlm	RunEntropy	3.728796723
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	113.8415974
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.721644472
wavelet-HLH	glszm	GrayLevelVariance	11.29790601
wavelet-HLH	glszm	ZoneVariance	8061.665505
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.10568085
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.32113617
wavelet-HLH	glszm	SizeZoneNonUniformity	285.1689189
wavelet-HLH	glszm	GrayLevelNonUniformity	93.84459459
wavelet-HLH	glszm	LargeAreaEmphasis	8130.772523
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	70.28188491
wavelet-HLH	glszm	ZonePercentage	0.120292604
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	75.09238968
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	900381.777
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	120.6981982
wavelet-HLH	glszm	SmallAreaEmphasis	0.579451088
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.014627951
wavelet-HLH	glszm	ZoneEntropy	5.626088768
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009521414
wavelet-HLH	ngtdm	Coarseness	0.000899467
wavelet-HLH	ngtdm	Complexity	222.4831919
wavelet-HLH	ngtdm	Strength	0.124802199
wavelet-HLH	ngtdm	Contrast	0.027236158
wavelet-HLH	ngtdm	Busyness	3.925277959

Image type	Feature Class	Feature Name	
general	info	BoundingBox	10: RTSTRUCT: C99-DNU_segment_GTV-R (0, 0, 1, 5, 5, 4)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	026d484ee1e9734b0dce5f9d069a6a85da9545
general	info	ImageHash	c6
general	info	ImageSpacing	(0.9765624999999999, 0.9765624999999999, 1.9999999999999999)
general	info	MaskHash	1d782dbc0e79f2c828a2678340dc4c5621645b
general	info	NumpyVersion	19
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	60
original	shape	Maximum2DDiameterSlice	14.69693846
original	shape	Sphericity	13.41640786
original	shape	MinorAxis	0.961366804
original	shape	Elongation	13.08948166
original	shape	SurfaceVolumeRatio	0.915113625
original	shape	Volume	0.428308471
original	shape	MajorAxis	1620
original	shape	SurfaceArea	14.30366821
original	shape	Flatness	693.8597237
original	shape	LeastAxis	0.81540016
original	shape	Maximum2DDiameterColumn	11.66321334
original	shape	Maximum2DDiameterRow	13.41640786
original	gldm	GrayLevelVariance	13.41640786
original	gldm	HighGrayLevelEmphasis	68.43638889
original	gldm	DependenceEntropy	433.8833333
original	gldm	DependenceNonUniformity	4.875652213
original	gldm	GrayLevelNonUniformity	21.76666667
original	gldm	SmallDependenceEmphasis	3.766666667
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.616114775
original	gldm	DependenceNonUniformityNormalized	216.1051877
original	gldm	LargeDependenceEmphasis	0.362777778
original	gldm	LargeDependenceLowGrayLevelEmphasis	9.333333333
original	gldm	DependenceVariance	0.039955112
original	gldm	LargeDependenceHighGrayLevelEmphasis	4.195555556
original	gldm	SmallDependenceLowGrayLevelEmphasis	6950.483333
			0.024907163

original	gldm	LowGrayLevelEmphasis	0.026208932
original	glcm	JointAverage	21.15937688
original	glcm	SumAverage	42.31875377
original	glcm	JointEntropy	5.700980663
original	glcm	ClusterShade	-897.3475065
original	glcm	MaximumProbability	0.062385723
original	glcm	ldmn	0.902695321
original	glcm	JointEnergy	0.022141582
original	glcm	Contrast	115.7206552
original	glcm	DifferenceEntropy	3.890951631
original	glcm	InverseVariance	0.143388845
original	glcm	DifferenceVariance	45.03257639
original	glcm	ldn	0.80481398
original	glcm	ldm	0.167357858
original	glcm	Correlation	0.122439955
original	glcm	Autocorrelation	455.9423225
original	glcm	SumEntropy	4.353237592
original	glcm	SumSquares	66.0250103
original	glcm	ClusterProminence	56080.58722
original	glcm	lmc2	0.99519513
original	glcm	lmc1	-0.581198938
original	glcm	DifferenceAverage	8.366898227
original	glcm	ld	0.240854018
original	glcm	ClusterTendency	148.379386
original	firstorder	InterquartileRange	360.75
original	firstorder	Skewness	-0.273093612
original	firstorder	Uniformity	0.062777778
original	firstorder	Median	-269
original	firstorder	Energy	5823961
original	firstorder	RobustMeanAbsoluteDeviation	145.5416667
original	firstorder	MeanAbsoluteDeviation	177.355
original	firstorder	TotalEnergy	157246947
original	firstorder	Maximum	35
original	firstorder	RootMeanSquared	311.5541954
original	firstorder	90Percentile	15.4
original	firstorder	Minimum	-689
original	firstorder	Entropy	4.312744921
original	firstorder	Range	724
original	firstorder	Variance	42021.03639
original	firstorder	10Percentile	-513
original	firstorder	Kurtosis	1.976892748
original	firstorder	Mean	-234.6166667
original	glrlm	ShortRunLowGrayLevelEmphasis	0.027374499
original	glrlm	GrayLevelVariance	67.33230918
original	glrlm	LowGrayLevelRunEmphasis	0.027457202
original	glrlm	GrayLevelNonUniformityNormalized	0.057925354
original	glrlm	RunVariance	0.051277256
original	glrlm	GrayLevelNonUniformity	3.308391594
original	glrlm	LongRunEmphasis	1.158457532
original	glrlm	ShortRunHighGrayLevelEmphasis	391.784995
original	glrlm	RunLengthNonUniformity	51.73130827
original	glrlm	ShortRunEmphasis	0.961939619
original	glrlm	LongRunHighGrayLevelEmphasis	533.4113875

original	glrlm	RunPercentage	0.951282051
original	glrlm	LongRunLowGrayLevelEmphasis	0.027795408
original	glrlm	RunEntropy	4.493250265
original	glrlm	HighGrayLevelRunEmphasis	419.0647412
original	glrlm	RunLengthNonUniformityNormalized	0.905226798
original	glszm	GrayLevelVariance	62.46400952
original	glszm	ZoneVariance	1.907198096
original	glszm	GrayLevelNonUniformityNormalized	0.054134444
original	glszm	SizeZoneNonUniformityNormalized	0.665675193
original	glszm	SizeZoneNonUniformity	27.29268293
original	glszm	GrayLevelNonUniformity	2.219512195
original	glszm	LargeAreaEmphasis	4.048780488
original	glszm	SmallAreaHighGrayLevelEmphasis	290.8218345
original	glszm	ZonePercentage	0.683333333
original	glszm	LargeAreaLowGrayLevelEmphasis	0.043669829
original	glszm	LargeAreaHighGrayLevelEmphasis	2500.219512
original	glszm	HighGrayLevelZoneEmphasis	358.9756098
original	glszm	SmallAreaEmphasis	0.838715748
original	glszm	LowGrayLevelZoneEmphasis	0.036915433
original	glszm	ZoneEntropy	4.570609017
original	glszm	SmallAreaLowGrayLevelEmphasis	0.036159317
original	ngtdm	Coarseness	0.042979924
original	ngtdm	Complexity	2009.484503
original	ngtdm	Strength	19.19865132
original	ngtdm	Contrast	1.495164212
original	ngtdm	Busyness	0.045597093
wavelet-HHH	gldm	GrayLevelVariance	13.14972222
wavelet-HHH	gldm	HighGrayLevelEmphasis	190.4833333
wavelet-HHH	gldm	DependenceEntropy	5.023231429
wavelet-HHH	gldm	DependenceNonUniformity	19.26666667
wavelet-HHH	gldm	GrayLevelNonUniformity	5.633333333
wavelet-HHH	gldm	SmallDependenceEmphasis	0.555412037
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	107.5410833
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.321111111
wavelet-HHH	gldm	LargeDependenceEmphasis	4.866666667
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.04693798
wavelet-HHH	gldm	DependenceVariance	1.128888889
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	893.7833333
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020472383
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.023148329
wavelet-HHH	glcm	JointAverage	13.36280776
wavelet-HHH	glcm	SumAverage	26.72561551
wavelet-HHH	glcm	JointEntropy	5.52656159
wavelet-HHH	glcm	ClusterShade	-16.61426363
wavelet-HHH	glcm	MaximumProbability	0.045997713
wavelet-HHH	glcm	ldmn	0.95998335
wavelet-HHH	glcm	JointEnergy	0.024442756
wavelet-HHH	glcm	Contrast	24.41663394
wavelet-HHH	glcm	DifferenceEntropy	3.057253605
wavelet-HHH	glcm	InverseVariance	0.242309613
wavelet-HHH	glcm	DifferenceVariance	9.262077091
wavelet-HHH	glcm	ldn	0.866096164
wavelet-HHH	glcm	ldm	0.211760176

wavelet-HHH	glcm	Correlation	-0.040170388
wavelet-HHH	glcm	Autocorrelation	178.1413033
wavelet-HHH	glcm	SumEntropy	3.703002414
wavelet-HHH	glcm	SumSquares	11.76769921
wavelet-HHH	glcm	ClusterProminence	1996.347431
wavelet-HHH	glcm	Imc2	0.973203817
wavelet-HHH	glcm	Imc1	-0.425761075
wavelet-HHH	glcm	DifferenceAverage	3.866744997
wavelet-HHH	glcm	Id	0.308313031
wavelet-HHH	glcm	ClusterTendency	22.65416289
wavelet-HHH	firstorder	InterquartileRange	116.7717966
wavelet-HHH	firstorder	Skewness	-0.143069246
wavelet-HHH	firstorder	Uniformity	0.093888889
wavelet-HHH	firstorder	Median	1.420246058
wavelet-HHH	firstorder	Energy	483392.1842
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.87192651
wavelet-HHH	firstorder	MeanAbsoluteDeviation	70.75822662
wavelet-HHH	firstorder	TotalEnergy	13051588.97
wavelet-HHH	firstorder	Maximum	243.7485231
wavelet-HHH	firstorder	RootMeanSquared	89.75821079
wavelet-HHH	firstorder	90Percentile	94.39227824
wavelet-HHH	firstorder	Minimum	-302.6082908
wavelet-HHH	firstorder	Entropy	3.623825607
wavelet-HHH	firstorder	Range	546.3568139
wavelet-HHH	firstorder	Variance	8037.604374
wavelet-HHH	firstorder	10Percentile	-98.17133468
wavelet-HHH	firstorder	Kurtosis	4.254973294
wavelet-HHH	firstorder	Mean	-4.351095229
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.0236246
wavelet-HHH	glrlm	GrayLevelVariance	13.45481028
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.023793018
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.092616428
wavelet-HHH	glrlm	RunVariance	0.038433157
wavelet-HHH	glrlm	GrayLevelNonUniformity	5.35826639
wavelet-HHH	glrlm	LongRunEmphasis	1.115928382
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	185.6704179
wavelet-HHH	glrlm	RunLengthNonUniformity	53.90769233
wavelet-HHH	glrlm	ShortRunEmphasis	0.972491527
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	212.2012973
wavelet-HHH	glrlm	RunPercentage	0.964102564
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.024492888
wavelet-HHH	glrlm	RunEntropy	3.774338815
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	190.7113418
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.930954047
wavelet-HHH	glszm	GrayLevelVariance	18.50617284
wavelet-HHH	glszm	ZoneVariance	2.055555556
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.077160494
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.617283951
wavelet-HHH	glszm	SizeZoneNonUniformity	22.22222222
wavelet-HHH	glszm	GrayLevelNonUniformity	2.777777778
wavelet-HHH	glszm	LargeAreaEmphasis	4.833333333
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	155.3503302
wavelet-HHH	glszm	ZonePercentage	0.6

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.058323873
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	885.75
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	193.3333333
wavelet-HHH	glszm	SmallAreaEmphasis	0.798506708
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.034562425
wavelet-HHH	glszm	ZoneEntropy	4.440351043
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.033358451
wavelet-HHH	ngtdm	Coarseness	0.077609057
wavelet-HHH	ngtdm	Complexity	321.6786602
wavelet-HHH	ngtdm	Strength	8.004960359
wavelet-HHH	ngtdm	Contrast	0.326060091
wavelet-HHH	ngtdm	Busyness	0.072701302
wavelet-HLL	gldm	GrayLevelVariance	82.86972222
wavelet-HLL	gldm	HighGrayLevelEmphasis	319.5166667
wavelet-HLL	gldm	DependenceEntropy	5.035812887
wavelet-HLL	gldm	DependenceNonUniformity	21.06666667
wavelet-HLL	gldm	GrayLevelNonUniformity	2.9
wavelet-HLL	gldm	SmallDependenceEmphasis	0.545601852
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	212.2533565
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.351111111
wavelet-HLL	gldm	LargeDependenceEmphasis	3.933333333
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.173079981
wavelet-HLL	gldm	DependenceVariance	0.693333333
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1004.683333
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015633936
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.044851055
wavelet-HLL	glcm	JointAverage	15.01769921
wavelet-HLL	glcm	SumAverage	30.03539842
wavelet-HLL	glcm	JointEntropy	5.930074166
wavelet-HLL	glcm	ClusterShade	1062.13878
wavelet-HLL	glcm	MaximumProbability	0.034149469
wavelet-HLL	glcm	Idmn	0.935003742
wavelet-HLL	glcm	JointEnergy	0.01721407
wavelet-HLL	glcm	Contrast	95.78735965
wavelet-HLL	glcm	DifferenceEntropy	3.671638829
wavelet-HLL	glcm	InverseVariance	0.157008966
wavelet-HLL	glcm	DifferenceVariance	32.15088871
wavelet-HLL	glcm	Idn	0.837206188
wavelet-HLL	glcm	Idm	0.141856242
wavelet-HLL	glcm	Correlation	0.34990461
wavelet-HLL	glcm	Autocorrelation	252.7188293
wavelet-HLL	glcm	SumEntropy	4.531024025
wavelet-HLL	glcm	SumSquares	74.99302329
wavelet-HLL	glcm	ClusterProminence	90886.1862
wavelet-HLL	glcm	Imc2	0.998392798
wavelet-HLL	glcm	Imc1	-0.654743217
wavelet-HLL	glcm	DifferenceAverage	7.619050218
wavelet-HLL	glcm	Id	0.225790554
wavelet-HLL	glcm	ClusterTendency	204.1847335
wavelet-HLL	firstorder	InterquartileRange	378.8105775
wavelet-HLL	firstorder	Skewness	0.412877102
wavelet-HLL	firstorder	Uniformity	0.048333333
wavelet-HLL	firstorder	Median	-156.8069367

wavelet-HLL	firstorder	Energy	3435470.362
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	159.0042531
wavelet-HLL	firstorder	MeanAbsoluteDeviation	199.8328319
wavelet-HLL	firstorder	TotalEnergy	92757699.78
wavelet-HLL	firstorder	Maximum	404.6502949
wavelet-HLL	firstorder	RootMeanSquared	239.2861036
wavelet-HLL	firstorder	90Percentile	265.0172195
wavelet-HLL	firstorder	Minimum	-442.8940786
wavelet-HLL	firstorder	Entropy	4.563070754
wavelet-HLL	firstorder	Range	847.5443735
wavelet-HLL	firstorder	Variance	51495.9507
wavelet-HLL	firstorder	10Percentile	-318.8572401
wavelet-HLL	firstorder	Kurtosis	1.94588264
wavelet-HLL	firstorder	Mean	-75.90710551
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.043253147
wavelet-HLL	grlm	GrayLevelVariance	83.67541327
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.044576793
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.047727125
wavelet-HLL	grlm	RunVariance	0.033387107
wavelet-HLL	grlm	GrayLevelNonUniformity	2.777193867
wavelet-HLL	grlm	LongRunEmphasis	1.103155403
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	316.7860465
wavelet-HLL	grlm	RunLengthNonUniformity	54.88093309
wavelet-HLL	grlm	ShortRunEmphasis	0.975823792
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	346.0816191
wavelet-HLL	grlm	RunPercentage	0.969230769
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.049916174
wavelet-HLL	grlm	RunEntropy	4.648985419
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	322.4593845
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.940948217
wavelet-HLL	glszm	GrayLevelVariance	93.96
wavelet-HLL	glszm	ZoneVariance	0.65
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.04125
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.49
wavelet-HLL	glszm	SizeZoneNonUniformity	19.6
wavelet-HLL	glszm	GrayLevelNonUniformity	1.65
wavelet-HLL	glszm	LargeAreaEmphasis	2.9
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	294.0918403
wavelet-HLL	glszm	ZonePercentage	0.666666667
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.129649403
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	826.275
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	359.65
wavelet-HLL	glszm	SmallAreaEmphasis	0.721180556
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.037697227
wavelet-HLL	glszm	ZoneEntropy	4.953055907
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016379763
wavelet-HLL	ngtdm	Coarseness	0.076941724
wavelet-HLL	ngtdm	Complexity	1872.2743
wavelet-HLL	ngtdm	Strength	34.70017279
wavelet-HLL	ngtdm	Contrast	1.137038693
wavelet-HLL	ngtdm	Busyness	0.043346913
wavelet-LHL	gldm	GrayLevelVariance	84.96555556
wavelet-LHL	gldm	HighGrayLevelEmphasis	361.6333333

wavelet-LHL	gldm	DependenceEntropy	5.306890596
wavelet-LHL	gldm	DependenceNonUniformity	22.96666667
wavelet-LHL	gldm	GrayLevelNonUniformity	2.466666667
wavelet-LHL	gldm	SmallDependenceEmphasis	0.578356481
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	240.9583333
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.382777778
wavelet-LHL	gldm	LargeDependenceEmphasis	3.466666667
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.070999925
wavelet-LHL	gldm	DependenceVariance	0.576666667
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1020.333333
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.026706263
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.033206624
wavelet-LHL	glcm	JointAverage	16.41785393
wavelet-LHL	glcm	SumAverage	32.83570787
wavelet-LHL	glcm	JointEntropy	5.968976274
wavelet-LHL	glcm	ClusterShade	1141.892182
wavelet-LHL	glcm	MaximumProbability	0.028129543
wavelet-LHL	glcm	ldmn	0.954517315
wavelet-LHL	glcm	JointEnergy	0.016582552
wavelet-LHL	glcm	Contrast	87.40515402
wavelet-LHL	glcm	DifferenceEntropy	3.702296438
wavelet-LHL	glcm	InverseVariance	0.129490933
wavelet-LHL	glcm	DifferenceVariance	28.65200086
wavelet-LHL	glcm	ldn	0.857647409
wavelet-LHL	glcm	ldm	0.126780555
wavelet-LHL	glcm	Correlation	0.417812533
wavelet-LHL	glcm	Autocorrelation	301.1394881
wavelet-LHL	glcm	SumEntropy	4.535001772
wavelet-LHL	glcm	SumSquares	75.14515569
wavelet-LHL	glcm	ClusterProminence	118074.9085
wavelet-LHL	glcm	lmc2	0.999265764
wavelet-LHL	glcm	lmc1	-0.710024299
wavelet-LHL	glcm	DifferenceAverage	7.417544996
wavelet-LHL	glcm	ld	0.215404995
wavelet-LHL	glcm	ClusterTendency	213.1754687
wavelet-LHL	firstorder	InterquartileRange	321.4112189
wavelet-LHL	firstorder	Skewness	0.422929677
wavelet-LHL	firstorder	Uniformity	0.041111111
wavelet-LHL	firstorder	Median	-43.45301401
wavelet-LHL	firstorder	Energy	3213692.167
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	135.7598916
wavelet-LHL	firstorder	MeanAbsoluteDeviation	188.7257265
wavelet-LHL	firstorder	TotalEnergy	86769688.51
wavelet-LHL	firstorder	Maximum	587.7290237
wavelet-LHL	firstorder	RootMeanSquared	231.4336538
wavelet-LHL	firstorder	90Percentile	296.3324682
wavelet-LHL	firstorder	Minimum	-406.3395283
wavelet-LHL	firstorder	Entropy	4.796404088
wavelet-LHL	firstorder	Range	994.068552
wavelet-LHL	firstorder	Variance	53102.41383
wavelet-LHL	firstorder	10Percentile	-325.7200903
wavelet-LHL	firstorder	Kurtosis	2.604452767
wavelet-LHL	firstorder	Mean	-21.4271389



wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.033383802
wavelet-LHL	grlm	GrayLevelVariance	86.06268049
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.033709271
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.040691121
wavelet-LHL	grlm	RunVariance	0.026855067
wavelet-LHL	grlm	GrayLevelNonUniformity	2.376316336
wavelet-LHL	grlm	LongRunEmphasis	1.084616128
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	358.3056472
wavelet-LHL	grlm	RunLengthNonUniformity	55.30772205
wavelet-LHL	grlm	ShortRunEmphasis	0.978845968
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	387.293555
wavelet-LHL	grlm	RunPercentage	0.973076923
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.035011147
wavelet-LHL	grlm	RunEntropy	4.859508853
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	364.1032288
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.946289866
wavelet-LHL	glszm	GrayLevelVariance	103.084375
wavelet-LHL	glszm	ZoneVariance	0.75
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.035
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.525
wavelet-LHL	glszm	SizeZoneNonUniformity	21
wavelet-LHL	glszm	GrayLevelNonUniformity	1.4
wavelet-LHL	glszm	LargeAreaEmphasis	3
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	329.2279514
wavelet-LHL	glszm	ZonePercentage	0.666666667
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.073783878
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	925.05
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	404.975
wavelet-LHL	glszm	SmallAreaEmphasis	0.751736111
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.04180111
wavelet-LHL	glszm	ZoneEntropy	5.071928095
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.03809767
wavelet-LHL	ngtdm	Coarseness	0.095807366
wavelet-LHL	ngtdm	Complexity	2152.215945
wavelet-LHL	ngtdm	Strength	41.07868845
wavelet-LHL	ngtdm	Contrast	0.876810831
wavelet-LHL	ngtdm	Busyness	0.025942695
wavelet-LHH	gldm	GrayLevelVariance	37.56222222
wavelet-LHH	gldm	HighGrayLevelEmphasis	204.8333333
wavelet-LHH	gldm	DependenceEntropy	4.989898095
wavelet-LHH	gldm	DependenceNonUniformity	23.83333333
wavelet-LHH	gldm	GrayLevelNonUniformity	3.466666667
wavelet-LHH	gldm	SmallDependenceEmphasis	0.635416667
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	153.6159722
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.397222222
wavelet-LHH	gldm	LargeDependenceEmphasis	3.5
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.058376669
wavelet-LHH	gldm	DependenceVariance	0.722222222
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	562.6333333
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.027743559
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.031946065
wavelet-LHH	glcm	JointAverage	12.50193911
wavelet-LHH	glcm	SumAverage	25.00387823

wavelet-LHH	glcm	JointEntropy	5.902133738
wavelet-LHH	glcm	ClusterShade	171.4389085
wavelet-LHH	glcm	MaximumProbability	0.031366846
wavelet-LHH	glcm	Idmn	0.922502026
wavelet-LHH	glcm	JointEnergy	0.017603541
wavelet-LHH	glcm	Contrast	71.01935979
wavelet-LHH	glcm	DifferenceEntropy	3.613967044
wavelet-LHH	glcm	InverseVariance	0.123383531
wavelet-LHH	glcm	DifferenceVariance	23.34986552
wavelet-LHH	glcm	Idn	0.816372599
wavelet-LHH	glcm	Idm	0.124241618
wavelet-LHH	glcm	Correlation	-0.022715799
wavelet-LHH	glcm	Autocorrelation	155.7981419
wavelet-LHH	glcm	SumEntropy	4.181493123
wavelet-LHH	glcm	SumSquares	34.9139045
wavelet-LHH	glcm	ClusterProminence	14620.96516
wavelet-LHH	glcm	Imc2	0.997169104
wavelet-LHH	glcm	Imc1	-0.615842372
wavelet-LHH	glcm	DifferenceAverage	6.747611549
wavelet-LHH	glcm	Id	0.218898531
wavelet-LHH	glcm	ClusterTendency	68.6362582
wavelet-LHH	firstorder	InterquartileRange	221.4308065
wavelet-LHH	firstorder	Skewness	0.364665367
wavelet-LHH	firstorder	Uniformity	0.057777778
wavelet-LHH	firstorder	Median	30.30312763
wavelet-LHH	firstorder	Energy	1483451.825
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	87.11091476
wavelet-LHH	firstorder	MeanAbsoluteDeviation	122.9616853
wavelet-LHH	firstorder	TotalEnergy	40053199.29
wavelet-LHH	firstorder	Maximum	394.0078296
wavelet-LHH	firstorder	RootMeanSquared	157.2392988
wavelet-LHH	firstorder	90Percentile	236.4798094
wavelet-LHH	firstorder	Minimum	-263.7426855
wavelet-LHH	firstorder	Entropy	4.369146221
wavelet-LHH	firstorder	Range	657.7505151
wavelet-LHH	firstorder	Variance	23403.48249
wavelet-LHH	firstorder	10Percentile	-162.1267061
wavelet-LHH	firstorder	Kurtosis	2.612154215
wavelet-LHH	firstorder	Mean	36.34163726
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.032284183
wavelet-LHH	grlm	GrayLevelVariance	38.20938017
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.032503117
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.056607093
wavelet-LHH	grlm	RunVariance	0.025603
wavelet-LHH	grlm	GrayLevelNonUniformity	3.309509714
wavelet-LHH	grlm	LongRunEmphasis	1.079724668
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	203.6787179
wavelet-LHH	grlm	RunLengthNonUniformity	55.49667903
wavelet-LHH	grlm	ShortRunEmphasis	0.980068833
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	217.8173721
wavelet-LHH	grlm	RunPercentage	0.974358974
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.033378851
wavelet-LHH	grlm	RunEntropy	4.464409298

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	206.5064487
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.948794001
wavelet-LHH	glszm	GrayLevelVariance	47.29251701
wavelet-LHH	glszm	ZoneVariance	1.149659864
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.046485261
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.636054422
wavelet-LHH	glszm	SizeZoneNonUniformity	26.71428571
wavelet-LHH	glszm	GrayLevelNonUniformity	1.952380952
wavelet-LHH	glszm	LargeAreaEmphasis	3.19047619
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	207.0887323
wavelet-LHH	glszm	ZonePercentage	0.7
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.062502725
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	559.5238095
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	231.4761905
wavelet-LHH	glszm	SmallAreaEmphasis	0.820591729
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.040798018
wavelet-LHH	glszm	ZoneEntropy	4.784941827
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.038569176
wavelet-LHH	ngtdm	Coarseness	0.077608246
wavelet-LHH	ngtdm	Complexity	1210.197493
wavelet-LHH	ngtdm	Strength	15.07468269
wavelet-LHH	ngtdm	Contrast	0.647400753
wavelet-LHH	ngtdm	Busyness	0.054955482
wavelet-LLH	gldm	GrayLevelVariance	151.25
wavelet-LLH	gldm	HighGrayLevelEmphasis	703.5
wavelet-LLH	gldm	DependenceEntropy	5.327642471
wavelet-LLH	gldm	DependenceNonUniformity	27.9
wavelet-LLH	gldm	GrayLevelNonUniformity	2.033333333
wavelet-LLH	gldm	SmallDependenceEmphasis	0.655555556
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	536.7231481
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.465
wavelet-LLH	gldm	LargeDependenceEmphasis	2.6
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038070986
wavelet-LLH	gldm	DependenceVariance	0.35
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1457.866667
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023153031
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.02596422
wavelet-LLH	glcm	JointAverage	23.61236047
wavelet-LLH	glcm	SumAverage	47.22472094
wavelet-LLH	glcm	JointEntropy	6.025741799
wavelet-LLH	glcm	ClusterShade	1614.676253
wavelet-LLH	glcm	MaximumProbability	0.030179565
wavelet-LLH	glcm	ldmn	0.916833498
wavelet-LLH	glcm	JointEnergy	0.015806381
wavelet-LLH	glcm	Contrast	222.735401
wavelet-LLH	glcm	DifferenceEntropy	4.101989586
wavelet-LLH	glcm	InverseVariance	0.085275908
wavelet-LLH	glcm	DifferenceVariance	73.23329755
wavelet-LLH	glcm	ldn	0.815994174
wavelet-LLH	glcm	ldm	0.088840143
wavelet-LLH	glcm	Correlation	0.261971408
wavelet-LLH	glcm	Autocorrelation	597.5872095
wavelet-LLH	glcm	SumEntropy	4.580721539

wavelet-LLH	glcm	SumSquares	151.2225598
wavelet-LLH	glcm	ClusterProminence	302177.4339
wavelet-LLH	glcm	Imc2	0.99974172
wavelet-LLH	glcm	Imc1	-0.773255005
wavelet-LLH	glcm	DifferenceAverage	11.72182808
wavelet-LLH	glcm	Id	0.167273797
wavelet-LLH	glcm	ClusterTendency	382.1548383
wavelet-LLH	firstorder	InterquartileRange	490.1678427
wavelet-LLH	firstorder	Skewness	0.191600378
wavelet-LLH	firstorder	Uniformity	0.033888889
wavelet-LLH	firstorder	Median	-91.32294164
wavelet-LLH	firstorder	Energy	5700933.256
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	211.6777289
wavelet-LLH	firstorder	MeanAbsoluteDeviation	268.244349
wavelet-LLH	firstorder	TotalEnergy	153925197.9
wavelet-LLH	firstorder	Maximum	532.9027323
wavelet-LLH	firstorder	RootMeanSquared	308.2459315
wavelet-LLH	firstorder	90Percentile	427.2053531
wavelet-LLH	firstorder	Minimum	-584.1047956
wavelet-LLH	firstorder	Entropy	5.043983304
wavelet-LLH	firstorder	Range	1117.007528
wavelet-LLH	firstorder	Variance	94486.67627
wavelet-LLH	firstorder	10Percentile	-370.8884726
wavelet-LLH	firstorder	Kurtosis	1.918567244
wavelet-LLH	firstorder	Mean	-22.99734761
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.02621202
wavelet-LLH	glrlm	GrayLevelVariance	151.7710446
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.026326375
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.033816532
wavelet-LLH	glrlm	RunVariance	0.021858966
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.990154679
wavelet-LLH	glrlm	LongRunEmphasis	1.062273879
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	701.4481963
wavelet-LLH	glrlm	RunLengthNonUniformity	56.7615122
wavelet-LLH	glrlm	ShortRunEmphasis	0.985905152
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	738.6104282
wavelet-LLH	glrlm	RunPercentage	0.980769231
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.026791315
wavelet-LLH	glrlm	RunEntropy	5.064700686
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	707.9563868
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.964102428
wavelet-LLH	glszm	GrayLevelVariance	158.5254321
wavelet-LLH	glszm	ZoneVariance	0.355555556
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031111111
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.582222222
wavelet-LLH	glszm	SizeZoneNonUniformity	26.2
wavelet-LLH	glszm	GrayLevelNonUniformity	1.4
wavelet-LLH	glszm	LargeAreaEmphasis	2.133333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	675.9030864
wavelet-LLH	glszm	ZonePercentage	0.75
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.040344548
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1308.177778
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	779.0888889

wavelet-LLH	glszm	SmallAreaEmphasis	0.790740741
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.032014768
wavelet-LLH	glszm	ZoneEntropy	5.252855596
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.03021966
wavelet-LLH	ngtdm	Coarseness	0.066386192
wavelet-LLH	ngtdm	Complexity	5113.653228
wavelet-LLH	ngtdm	Strength	48.60400003
wavelet-LLH	ngtdm	Contrast	1.851788907
wavelet-LLH	ngtdm	Busyness	0.024163255
wavelet-LLL	gldm	GrayLevelVariance	341.3608333
wavelet-LLL	gldm	HighGrayLevelEmphasis	1684.583333
wavelet-LLL	gldm	DependenceEntropy	5.269146221
wavelet-LLL	gldm	DependenceNonUniformity	46.13333333
wavelet-LLL	gldm	GrayLevelNonUniformity	1.7
wavelet-LLL	gldm	SmallDependenceEmphasis	0.9
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1509.233333
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.768888889
wavelet-LLL	gldm	LargeDependenceEmphasis	1.4
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.041181069
wavelet-LLL	gldm	DependenceVariance	0.115555556
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2385.983333
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.040651597
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.040757492
wavelet-LLL	glcm	JointAverage	41.53785696
wavelet-LLL	glcm	SumAverage	83.07571391
wavelet-LLL	glcm	JointEntropy	6.070916675
wavelet-LLL	glcm	ClusterShade	-3066.783648
wavelet-LLL	glcm	MaximumProbability	0.022415094
wavelet-LLL	glcm	ldmn	0.921082931
wavelet-LLL	glcm	JointEnergy	0.015113504
wavelet-LLL	glcm	Contrast	578.2719455
wavelet-LLL	glcm	DifferenceEntropy	4.417856787
wavelet-LLL	glcm	InverseVariance	0.062241656
wavelet-LLL	glcm	DifferenceVariance	195.2428101
wavelet-LLL	glcm	ldn	0.814762683
wavelet-LLL	glcm	ldm	0.048216994
wavelet-LLL	glcm	Correlation	0.187244945
wavelet-LLL	glcm	Autocorrelation	1791.147987
wavelet-LLL	glcm	SumEntropy	4.851409227
wavelet-LLL	glcm	SumSquares	354.5511152
wavelet-LLL	glcm	ClusterProminence	1807494.856
wavelet-LLL	glcm	lmc2	0.999892648
wavelet-LLL	glcm	lmc1	-0.823585773
wavelet-LLL	glcm	DifferenceAverage	19.42768625
wavelet-LLL	glcm	ld	0.108444985
wavelet-LLL	glcm	ClusterTendency	839.9325155
wavelet-LLL	firstorder	InterquartileRange	582.8432965
wavelet-LLL	firstorder	Skewness	0.113542681
wavelet-LLL	firstorder	Uniformity	0.028333333
wavelet-LLL	firstorder	Median	-767.8801058
wavelet-LLL	firstorder	Energy	46169721.26
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	256.5339056
wavelet-LLL	firstorder	MeanAbsoluteDeviation	365.0118985

wavelet-LLL	firstorder	TotalEnergy	1246582474
wavelet-LLL	firstorder	Maximum	262.4117845
wavelet-LLL	firstorder	RootMeanSquared	877.2088431
wavelet-LLL	firstorder	90Percentile	-88.50486463
wavelet-LLL	firstorder	Minimum	-1636.259755
wavelet-LLL	firstorder	Entropy	5.269146221
wavelet-LLL	firstorder	Range	1898.671539
wavelet-LLL	firstorder	Variance	211919.0992
wavelet-LLL	firstorder	10Percentile	-1300.306294
wavelet-LLL	firstorder	Kurtosis	2.508406738
wavelet-LLL	firstorder	Mean	-746.7102886
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.040960383
wavelet-LLL	grlm	GrayLevelVariance	341.6843424
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.040964524
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.028366186
wavelet-LLL	grlm	RunVariance	0.005126732
wavelet-LLL	grlm	GrayLevelNonUniformity	1.693220339
wavelet-LLL	grlm	LongRunEmphasis	1.015645372
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1677.365385
wavelet-LLL	grlm	RunLengthNonUniformity	59.08735332
wavelet-LLL	grlm	ShortRunEmphasis	0.996088657
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1711.658083
wavelet-LLL	grlm	RunPercentage	0.994871795
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.040981092
wavelet-LLL	grlm	RunEntropy	5.268789769
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1684.223924
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.989746536
wavelet-LLL	glszm	GrayLevelVariance	346.106824
wavelet-LLL	glszm	ZoneVariance	0.066326531
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.02869898
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.867346939
wavelet-LLL	glszm	SizeZoneNonUniformity	48.57142857
wavelet-LLL	glszm	GrayLevelNonUniformity	1.607142857
wavelet-LLL	glszm	LargeAreaEmphasis	1.214285714
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1585.723214
wavelet-LLL	glszm	ZonePercentage	0.933333333
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.043820019
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2055.410714
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1679.660714
wavelet-LLL	glszm	SmallAreaEmphasis	0.946428571
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.043593102
wavelet-LLL	glszm	ZoneEntropy	5.26691452
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.043536373
wavelet-LLL	ngtdm	Coarseness	0.04748352
wavelet-LLL	ngtdm	Complexity	14513.29657
wavelet-LLL	ngtdm	Strength	75.76270429
wavelet-LLL	ngtdm	Contrast	5.256478875
wavelet-LLL	ngtdm	Busyness	0.019778923
wavelet-HHL	gldm	GrayLevelVariance	21.68305556
wavelet-HHL	gldm	HighGrayLevelEmphasis	217.2166667
wavelet-HHL	gldm	DependenceEntropy	4.785487054
wavelet-HHL	gldm	DependenceNonUniformity	17.9
wavelet-HHL	gldm	GrayLevelNonUniformity	5.033333333

wavelet-HHL	gldm	SmallDependenceEmphasis	0.481166667
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	113.867
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.298333333
wavelet-HHL	gldm	LargeDependenceEmphasis	5.5
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.052656949
wavelet-HHL	gldm	DependenceVariance	1.228888889
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1016.516667
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019732986
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.022997609
wavelet-HHL	glcm	JointAverage	13.81242314
wavelet-HHL	glcm	SumAverage	27.62484628
wavelet-HHL	glcm	JointEntropy	5.723028244
wavelet-HHL	glcm	ClusterShade	81.42816208
wavelet-HHL	glcm	MaximumProbability	0.04383795
wavelet-HHL	glcm	ldmn	0.945209983
wavelet-HHL	glcm	JointEnergy	0.02082975
wavelet-HHL	glcm	Contrast	45.54890972
wavelet-HHL	glcm	DifferenceEntropy	3.393209497
wavelet-HHL	glcm	InverseVariance	0.187632647
wavelet-HHL	glcm	DifferenceVariance	18.63073459
wavelet-HHL	glcm	ldn	0.849856237
wavelet-HHL	glcm	ldm	0.184618569
wavelet-HHL	glcm	Correlation	-0.041495167
wavelet-HHL	glcm	Autocorrelation	190.0517379
wavelet-HHL	glcm	SumEntropy	4.006198952
wavelet-HHL	glcm	SumSquares	22.01280608
wavelet-HHL	glcm	ClusterProminence	7266.361355
wavelet-HHL	glcm	lmc2	0.987285361
wavelet-HHL	glcm	lmc1	-0.490522032
wavelet-HHL	glcm	DifferenceAverage	5.125037369
wavelet-HHL	glcm	ld	0.278468429
wavelet-HHL	glcm	ClusterTendency	42.50231458
wavelet-HHL	firstorder	InterquartileRange	147.8262812
wavelet-HHL	firstorder	Skewness	0.433557301
wavelet-HHL	firstorder	Uniformity	0.083888889
wavelet-HHL	firstorder	Median	6.899584724
wavelet-HHL	firstorder	Energy	826126.6878
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	59.47655278
wavelet-HHL	firstorder	MeanAbsoluteDeviation	89.20316433
wavelet-HHL	firstorder	TotalEnergy	22305420.57
wavelet-HHL	firstorder	Maximum	318.7254776
wavelet-HHL	firstorder	RootMeanSquared	117.3404369
wavelet-HHL	firstorder	90Percentile	142.4726529
wavelet-HHL	firstorder	Minimum	-313.4572493
wavelet-HHL	firstorder	Entropy	3.827421329
wavelet-HHL	firstorder	Range	632.1827269
wavelet-HHL	firstorder	Variance	13647.75758
wavelet-HHL	firstorder	10Percentile	-111.4763257
wavelet-HHL	firstorder	Kurtosis	3.783889936
wavelet-HHL	firstorder	Mean	11.00093414
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.023516022
wavelet-HHL	glrlm	GrayLevelVariance	22.14418909
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.023722106

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.081963589
wavelet-HHL	glrlm	RunVariance	0.046405721
wavelet-HHL	glrlm	GrayLevelNonUniformity	4.717746418
wavelet-HHL	glrlm	LongRunEmphasis	1.137535925
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	212.87293
wavelet-HHL	glrlm	RunLengthNonUniformity	53.19846169
wavelet-HHL	glrlm	ShortRunEmphasis	0.968754913
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	244.1377787
wavelet-HHL	glrlm	RunPercentage	0.958974359
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.024610503
wavelet-HHL	glrlm	RunEntropy	3.981217061
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	218.6337211
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.922711224
wavelet-HHL	glszm	GrayLevelVariance	28.39673469
wavelet-HHL	glszm	ZoneVariance	2.26122449
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.072653061
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.466122449
wavelet-HHL	glszm	SizeZoneNonUniformity	16.31428571
wavelet-HHL	glszm	GrayLevelNonUniformity	2.542857143
wavelet-HHL	glszm	LargeAreaEmphasis	5.2
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	168.9461199
wavelet-HHL	glszm	ZonePercentage	0.583333333
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.060937989
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1011.914286
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	234.1142857
wavelet-HHL	glszm	SmallAreaEmphasis	0.70070194
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.034898173
wavelet-HHL	glszm	ZoneEntropy	4.536286231
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.033082521
wavelet-HHL	ngtdm	Coarseness	0.072694808
wavelet-HHL	ngtdm	Complexity	539.3901145
wavelet-HHL	ngtdm	Strength	10.33953468
wavelet-HHL	ngtdm	Contrast	0.532164299
wavelet-HHL	ngtdm	Busyness	0.072413444
wavelet-HLH	gldm	GrayLevelVariance	30.87888889
wavelet-HLH	gldm	HighGrayLevelEmphasis	220.4
wavelet-HLH	gldm	DependenceEntropy	4.777316637
wavelet-HLH	gldm	DependenceNonUniformity	20.23333333
wavelet-HLH	gldm	GrayLevelNonUniformity	4.2
wavelet-HLH	gldm	SmallDependenceEmphasis	0.546527778
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	131.1385417
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.337222222
wavelet-HLH	gldm	LargeDependenceEmphasis	4.3
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.048583147
wavelet-HLH	gldm	DependenceVariance	0.815555556
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	862.8
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.024518185
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.027664159
wavelet-HLH	glcm	JointAverage	13.7797355
wavelet-HLH	glcm	SumAverage	27.55947099
wavelet-HLH	glcm	JointEntropy	5.78986803
wavelet-HLH	glcm	ClusterShade	331.8878046
wavelet-HLH	glcm	MaximumProbability	0.034641769



wavelet-HLH	glcm	Idmn	0.948636865
wavelet-HLH	glcm	JointEnergy	0.019403022
wavelet-HLH	glcm	Contrast	63.66345072
wavelet-HLH	glcm	DifferenceEntropy	3.511534101
wavelet-HLH	glcm	InverseVariance	0.156792726
wavelet-HLH	glcm	DifferenceVariance	23.86551646
wavelet-HLH	glcm	Idn	0.851368795
wavelet-HLH	glcm	Idm	0.152104726
wavelet-HLH	glcm	Correlation	-0.050845531
wavelet-HLH	glcm	Autocorrelation	188.313081
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wavelet-HLH	glcm	SumSquares	30.23203917
wavelet-HLH	glcm	ClusterProminence	14856.2073
wavelet-HLH	glcm	Imc2	0.992717148
wavelet-HLH	glcm	Imc1	-0.541326702
wavelet-HLH	glcm	DifferenceAverage	6.16625143
wavelet-HLH	glcm	Id	0.2439705
wavelet-HLH	glcm	ClusterTendency	57.26470597
wavelet-HLH	firstorder	InterquartileRange	134.0791037
wavelet-HLH	firstorder	Skewness	0.733853498
wavelet-HLH	firstorder	Uniformity	0.07
wavelet-HLH	firstorder	Median	-6.586666681
wavelet-HLH	firstorder	Energy	1151704.235
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	63.41872024
wavelet-HLH	firstorder	MeanAbsoluteDeviation	100.886506
wavelet-HLH	firstorder	TotalEnergy	31096014.33
wavelet-HLH	firstorder	Maximum	456.0233294
wavelet-HLH	firstorder	RootMeanSquared	138.5462759
wavelet-HLH	firstorder	90Percentile	174.330788
wavelet-HLH	firstorder	Minimum	-324.9245545
wavelet-HLH	firstorder	Entropy	4.014527265
wavelet-HLH	firstorder	Range	780.9478839
wavelet-HLH	firstorder	Variance	19151.88271
wavelet-HLH	firstorder	10Percentile	-149.0830777
wavelet-HLH	firstorder	Kurtosis	4.859842626
wavelet-HLH	firstorder	Mean	6.571747236
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.028241404
wavelet-HLH	grlm	GrayLevelVariance	31.62823099
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.028411644
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.069420685
wavelet-HLH	grlm	RunVariance	0.036036961
wavelet-HLH	grlm	GrayLevelNonUniformity	4.027296604
wavelet-HLH	grlm	LongRunEmphasis	1.10933701
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	216.2633544
wavelet-HLH	grlm	RunLengthNonUniformity	54.35896662
wavelet-HLH	grlm	ShortRunEmphasis	0.974278391
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	242.5452621
wavelet-HLH	grlm	RunPercentage	0.966666667
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.029130777
wavelet-HLH	grlm	RunEntropy	4.11532792
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	221.3017066
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.93564851
wavelet-HLH	glszm	GrayLevelVariance	42.80955679

wavelet-HLH	glszm	ZoneVariance	1.296398892
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.065096953
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.534626039
wavelet-HLH	glszm	SizeZoneNonUniformity	20.31578947
wavelet-HLH	glszm	GrayLevelNonUniformity	2.473684211
wavelet-HLH	glszm	LargeAreaEmphasis	3.789473684
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	187.0061111
wavelet-HLH	glszm	ZonePercentage	0.633333333
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.057944224
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	750.5789474
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	236.6052632
wavelet-HLH	glszm	SmallAreaEmphasis	0.756900585
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.039747507
wavelet-HLH	glszm	ZoneEntropy	4.471354487
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.037936722
wavelet-HLH	ngtdm	Coarseness	0.077826621
wavelet-HLH	ngtdm	Complexity	763.455595
wavelet-HLH	ngtdm	Strength	14.25974748
wavelet-HLH	ngtdm	Contrast	0.783561034
wavelet-HLH	ngtdm	Busyness	0.076695625

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	1.9999999999999999
general	info	MaskHash	6807b071add26941b59b9b9a2cfe54f038753e11
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	83
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original	shape	SurfaceVolumeRatio	0.486535956
original	shape	Volume	2111.434937
original	shape	MajorAxis	17.92821466
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original	shape	Flatness	0.65442091
original	shape	LeastAxis	11.73259855
original	shape	Maximum2DDiameterColumn	16.91257391
original	shape	Maximum2DDiameterRow	19.03494422
original	gldm	GrayLevelVariance	114.8199191
original	gldm	HighGrayLevelEmphasis	725.5392954
original	gldm	DependenceEntropy	6.685794474
original	gldm	DependenceNonUniformity	232.0460705
original	gldm	GrayLevelNonUniformity	21.68292683
original	gldm	SmallDependenceEmphasis	0.54125613
original	gldm	SmallDependenceHighGrayLevelEmphasis	310.663048
original	gldm	DependenceNonUniformityNormalized	0.31442557
original	gldm	LargeDependenceEmphasis	7.422764228
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.017800462
original	gldm	DependenceVariance	2.839219747
original	gldm	LargeDependenceHighGrayLevelEmphasis	9565.569106
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.003881099
original	gldm	LowGrayLevelEmphasis	0.005926146
original	glcm	JointAverage	27.35648663
original	glcm	SumAverage	54.71297325
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original	glcm	ClusterShade	-734.3736216
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original	glcm	DifferenceEntropy	4.351094189
original	glcm	InverseVariance	0.136132914

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original	glcm	SumSquares	110.6875293
original	glcm	ClusterProminence	211170.9295
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original	firstorder	InterquartileRange	467
original	firstorder	Skewness	0.04980419
original	firstorder	Uniformity	0.02938066
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original	firstorder	Minimum	-983
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original	firstorder	Kurtosis	1.847549488
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.005972772
original	glrlm	GrayLevelVariance	111.5848621
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original	glrlm	GrayLevelNonUniformityNormalized	0.02900051
original	glrlm	RunVariance	0.058334731
original	glrlm	GrayLevelNonUniformity	20.46691137
original	glrlm	LongRunEmphasis	1.15590285
original	glrlm	ShortRunHighGrayLevelEmphasis	668.4811928
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original	glrlm	ShortRunEmphasis	0.968550711
original	glrlm	LongRunHighGrayLevelEmphasis	892.662186
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original	glrlm	RunEntropy	5.384384433
original	glrlm	HighGrayLevelRunEmphasis	704.2869227
original	glrlm	RunLengthNonUniformityNormalized	0.922116756
original	glszm	GrayLevelVariance	86.86280394
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original	glszm	SizeZoneNonUniformityNormalized	0.553189443
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original	glszm	GrayLevelNonUniformity	14.0745614
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original	glszm	HighGrayLevelZoneEmphasis	569.3201754

original	glszm	SmallAreaEmphasis	0.772202575
original	glszm	LowGrayLevelZoneEmphasis	0.007207014
original	glszm	ZoneEntropy	6.112400599
original	glszm	SmallAreaLowGrayLevelEmphasis	0.005730833
original	ngtdm	Coarseness	0.008246432
original	ngtdm	Complexity	3800.088285
original	ngtdm	Strength	5.473798333
original	ngtdm	Contrast	0.754414698
original	ngtdm	Busyness	0.147664001
wavelet-HHH	gldm	GrayLevelVariance	0.664221032
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wavelet-HHH	gldm	DependenceEntropy	5.151428798
wavelet-HHH	gldm	DependenceNonUniformity	54.68292683
wavelet-HHH	gldm	GrayLevelNonUniformity	265.200542
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wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	1.551539077
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.074096107
wavelet-HHH	gldm	LargeDependenceEmphasis	74.95663957
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	3.829310042
wavelet-HHH	gldm	DependenceVariance	14.04051821
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1557.98645
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007514986
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.057330001
wavelet-HHH	glcm	JointAverage	4.486338795
wavelet-HHH	glcm	SumAverage	8.972677591
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wavelet-HHH	glcm	JointEnergy	0.132485721
wavelet-HHH	glcm	Contrast	1.375427918
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wavelet-HHH	glcm	ClusterProminence	6.560054913
wavelet-HHH	glcm	Imc2	0.27454229
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wavelet-HHH	firstorder	Median	0.004428422
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wavelet-HHH	firstorder	Minimum	-76.51606236
wavelet-HHH	firstorder	Entropy	1.736371749

wavelet-HHH	firstorder	Range	150.617583
wavelet-HHH	firstorder	Variance	360.6964378
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wavelet-HHH	firstorder	Kurtosis	3.810978534
wavelet-HHH	firstorder	Mean	-0.485897937
wavelet-HHH	gllm	ShortRunLowGrayLevelEmphasis	0.048691008
wavelet-HHH	gllm	GrayLevelVariance	0.78052047
wavelet-HHH	gllm	LowGrayLevelRunEmphasis	0.059369553
wavelet-HHH	gllm	GrayLevelNonUniformityNormalized	0.329666194
wavelet-HHH	gllm	RunVariance	0.489672671
wavelet-HHH	gllm	GrayLevelNonUniformity	179.7983535
wavelet-HHH	gllm	LongRunEmphasis	2.343606554
wavelet-HHH	gllm	ShortRunHighGrayLevelEmphasis	16.46786366
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wavelet-HHH	gllm	ShortRunEmphasis	0.794903357
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wavelet-HHH	glszm	LargeAreaEmphasis	4038.638298
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wavelet-HHH	ngtdm	Coarseness	0.006896356
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.493076634
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	457.0206801
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wavelet-HLL	gldm	LargeDependenceEmphasis	5.241192412
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wavelet-HLL	gldm	DependenceVariance	1.143036552
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	4770.415989
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002618111
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005903742
wavelet-HLL	glcm	JointAverage	27.79232573
wavelet-HLL	glcm	SumAverage	55.58465145
wavelet-HLL	glcm	JointEntropy	9.15402018

wavelet-HLL	glcm	ClusterShade	-737.4880669
wavelet-HLL	glcm	MaximumProbability	0.006900881
wavelet-HLL	glcm	Idmn	0.957753945
wavelet-HLL	glcm	JointEnergy	0.002075728
wavelet-HLL	glcm	Contrast	122.7631647
wavelet-HLL	glcm	DifferenceEntropy	4.320338919
wavelet-HLL	glcm	InverseVariance	0.141365279
wavelet-HLL	glcm	DifferenceVariance	45.66925037
wavelet-HLL	glcm	Idn	0.86983907
wavelet-HLL	glcm	Idm	0.137213205
wavelet-HLL	glcm	Correlation	0.428456515
wavelet-HLL	glcm	Autocorrelation	820.2231856
wavelet-HLL	glcm	SumEntropy	5.954675694
wavelet-HLL	glcm	SumSquares	109.1310326
wavelet-HLL	glcm	ClusterProminence	211101.2416
wavelet-HLL	glcm	Imc2	0.96800142
wavelet-HLL	glcm	Imc1	-0.267786739
wavelet-HLL	glcm	DifferenceAverage	8.30054361
wavelet-HLL	glcm	Id	0.221091836
wavelet-HLL	glcm	ClusterTendency	313.7609657
wavelet-HLL	firstorder	InterquartileRange	415.2786944
wavelet-HLL	firstorder	Skewness	-0.306010888
wavelet-HLL	firstorder	Uniformity	0.02789345
wavelet-HLL	firstorder	Median	-60.80918711
wavelet-HLL	firstorder	Energy	56102442.01
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	170.3546794
wavelet-HLL	firstorder	MeanAbsoluteDeviation	224.2389847
wavelet-HLL	firstorder	TotalEnergy	160510374.1
wavelet-HLL	firstorder	Maximum	467.1742465
wavelet-HLL	firstorder	RootMeanSquared	275.7164651
wavelet-HLL	firstorder	90Percentile	252.7048847
wavelet-HLL	firstorder	Minimum	-769.5973253
wavelet-HLL	firstorder	Entropy	5.314776383
wavelet-HLL	firstorder	Range	1236.771572
wavelet-HLL	firstorder	Variance	70179.01774
wavelet-HLL	firstorder	10Percentile	-437.8860164
wavelet-HLL	firstorder	Kurtosis	2.236573336
wavelet-HLL	firstorder	Mean	-76.42350018
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005774176
wavelet-HLL	glrlm	GrayLevelVariance	113.1142194
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005932422
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.027695792
wavelet-HLL	glrlm	RunVariance	0.045098042
wavelet-HLL	glrlm	GrayLevelNonUniformity	19.63415369
wavelet-HLL	glrlm	LongRunEmphasis	1.131860932
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	894.0302125
wavelet-HLL	glrlm	RunLengthNonUniformity	657.0648104
wavelet-HLL	glrlm	ShortRunEmphasis	0.970014353
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1041.02394
wavelet-HLL	glrlm	RunPercentage	0.960600375
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.006616521
wavelet-HLL	glrlm	RunEntropy	5.507971034
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	921.4444442
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.925290043
wavelet-HLL	glszm	GrayLevelVariance	119.3236849
wavelet-HLL	glszm	ZoneVariance	2.159124212
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.026662278
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.468824991
wavelet-HLL	glszm	SizeZoneNonUniformity	203.4700461

wavelet-HLL	glszm	GrayLevelNonUniformity	11.57142857
wavelet-HLL	glszm	LargeAreaEmphasis	5.050691244
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	658.0894511
wavelet-HLL	glszm	ZonePercentage	0.588075881
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022097662
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4546.4447
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	923.843318
wavelet-HLL	glszm	SmallAreaEmphasis	0.710326496
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.006027959
wavelet-HLL	glszm	ZoneEntropy	6.564567727
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003572803
wavelet-HLL	ngtdm	Coarseness	0.010075179
wavelet-HLL	ngtdm	Complexity	4949.037315
wavelet-HLL	ngtdm	Strength	7.905007426
wavelet-HLL	ngtdm	Contrast	0.52326
wavelet-HLL	ngtdm	Busyness	0.078587958
wavelet-LHL	gldm	GrayLevelVariance	14.20338423
wavelet-LHL	gldm	HighGrayLevelEmphasis	176.9214092
wavelet-LHL	gldm	DependenceEntropy	6.248279734
wavelet-LHL	gldm	DependenceNonUniformity	137.0813008
wavelet-LHL	gldm	GrayLevelNonUniformity	58.38211382
wavelet-LHL	gldm	SmallDependenceEmphasis	0.314907402
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	57.95706958
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.18574702
wavelet-LHL	gldm	LargeDependenceEmphasis	13.31707317
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.10493603
wavelet-LHL	gldm	DependenceVariance	3.922598982
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2262.520325
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004296325
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011824462
wavelet-LHL	glcm	JointAverage	12.55097908
wavelet-LHL	glcm	SumAverage	25.10195817
wavelet-LHL	glcm	JointEntropy	7.321734569
wavelet-LHL	glcm	ClusterShade	8.47369007
wavelet-LHL	glcm	MaximumProbability	0.028666761
wavelet-LHL	glcm	Idmn	0.964684035
wavelet-LHL	glcm	JointEnergy	0.008790228
wavelet-LHL	glcm	Contrast	19.45845193
wavelet-LHL	glcm	DifferenceEntropy	3.187617731
wavelet-LHL	glcm	InverseVariance	0.277608246
wavelet-LHL	glcm	DifferenceVariance	7.751196145
wavelet-LHL	glcm	Idn	0.87831425
wavelet-LHL	glcm	Idm	0.270755772
wavelet-LHL	glcm	Correlation	0.272603578
wavelet-LHL	glcm	Autocorrelation	161.2354122
wavelet-LHL	glcm	SumEntropy	4.519785583
wavelet-LHL	glcm	SumSquares	13.43311399
wavelet-LHL	glcm	ClusterProminence	3771.41205
wavelet-LHL	glcm	Imc2	0.725823204
wavelet-LHL	glcm	Imc1	-0.107321639
wavelet-LHL	glcm	DifferenceAverage	3.339343176
wavelet-LHL	glcm	Id	0.358413401
wavelet-LHL	glcm	ClusterTendency	34.27400402
wavelet-LHL	firstorder	InterquartileRange	118.2466806
wavelet-LHL	firstorder	Skewness	-0.083964455
wavelet-LHL	firstorder	Uniformity	0.079108555
wavelet-LHL	firstorder	Median	-18.4137427
wavelet-LHL	firstorder	Energy	6737128.056
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	48.2557982



wavelet-LHL	firstorder	MeanAbsoluteDeviation	72.56443836
wavelet-LHL	firstorder	TotalEnergy	19275077.98
wavelet-LHL	firstorder	Maximum	215.2535556
wavelet-LHL	firstorder	RootMeanSquared	95.5452762
wavelet-LHL	firstorder	90Percentile	104.3529773
wavelet-LHL	firstorder	Minimum	-322.5066753
wavelet-LHL	firstorder	Entropy	3.909811648
wavelet-LHL	firstorder	Range	537.760231
wavelet-LHL	firstorder	Variance	8770.938425
wavelet-LHL	firstorder	10Percentile	-141.8152658
wavelet-LHL	firstorder	Kurtosis	3.075176612
wavelet-LHL	firstorder	Mean	-18.91986735
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011569641
wavelet-LHL	glrlm	GrayLevelVariance	14.79871073
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.012096344
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.076333978
wavelet-LHL	glrlm	RunVariance	0.100430784
wavelet-LHL	glrlm	GrayLevelNonUniformity	51.86321307
wavelet-LHL	glrlm	LongRunEmphasis	1.284161649
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	167.0486756
wavelet-LHL	glrlm	RunLengthNonUniformity	582.5596371
wavelet-LHL	glrlm	ShortRunEmphasis	0.94019334
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	225.7657222
wavelet-LHL	glrlm	RunPercentage	0.92057536
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014550041
wavelet-LHL	glrlm	RunEntropy	4.326019444
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	177.4003759
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.856022458
wavelet-LHL	glszm	GrayLevelVariance	22.02366728
wavelet-LHL	glszm	ZoneVariance	25.98394247
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.05939122
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.373594291
wavelet-LHL	glszm	SizeZoneNonUniformity	101.6176471
wavelet-LHL	glszm	GrayLevelNonUniformity	16.15441176
wavelet-LHL	glszm	LargeAreaEmphasis	33.34558824
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	118.4951491
wavelet-LHL	glszm	ZonePercentage	0.368563686
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.232029683
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	5790.066176
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	182.9963235
wavelet-LHL	glszm	SmallAreaEmphasis	0.632017076
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.01515736
wavelet-LHL	glszm	ZoneEntropy	5.836081811
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008792325
wavelet-LHL	ngtdm	Coarseness	0.010573933
wavelet-LHL	ngtdm	Complexity	378.4378474
wavelet-LHL	ngtdm	Strength	1.330378536
wavelet-LHL	ngtdm	Contrast	0.154762957
wavelet-LHL	ngtdm	Busyness	0.370402886
wavelet-LHH	gldm	GrayLevelVariance	1.382791328
wavelet-LHH	gldm	HighGrayLevelEmphasis	21.63279133
wavelet-LHH	gldm	DependenceEntropy	5.504492291
wavelet-LHH	gldm	DependenceNonUniformity	57.07859079
wavelet-LHH	gldm	GrayLevelNonUniformity	191.2276423
wavelet-LHH	gldm	SmallDependenceEmphasis	0.112262127
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	2.901095061
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.077342264
wavelet-LHH	gldm	LargeDependenceEmphasis	57.47696477
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	3.105651248

wavelet-LHH	gldm	DependenceVariance	14.03850589
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1167.031165
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014107522
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.067088442
wavelet-LHH	glcm	JointAverage	4.495288328
wavelet-LHH	glcm	SumAverage	8.990576656
wavelet-LHH	glcm	JointEntropy	4.343235756
wavelet-LHH	glcm	ClusterShade	0.647597897
wavelet-LHH	glcm	MaximumProbability	0.13744444
wavelet-LHH	glcm	Idmn	0.972913103
wavelet-LHH	glcm	JointEnergy	0.074985239
wavelet-LHH	glcm	Contrast	2.445226482
wavelet-LHH	glcm	DifferenceEntropy	1.940208651
wavelet-LHH	glcm	InverseVariance	0.481138657
wavelet-LHH	glcm	DifferenceVariance	1.134167825
wavelet-LHH	glcm	Idn	0.896718208
wavelet-LHH	glcm	Idm	0.550404727
wavelet-LHH	glcm	Correlation	0.060680617
wavelet-LHH	glcm	Autocorrelation	20.28571602
wavelet-LHH	glcm	SumEntropy	2.74806021
wavelet-LHH	glcm	SumSquares	1.300642126
wavelet-LHH	glcm	ClusterProminence	28.62759795
wavelet-LHH	glcm	Imc2	0.332124062
wavelet-LHH	glcm	Imc1	-0.031358402
wavelet-LHH	glcm	DifferenceAverage	1.13869368
wavelet-LHH	glcm	Id	0.588968908
wavelet-LHH	glcm	ClusterTendency	2.75734202
wavelet-LHH	firstorder	InterquartileRange	32.1449656
wavelet-LHH	firstorder	Skewness	0.248422495
wavelet-LHH	firstorder	Uniformity	0.259116046
wavelet-LHH	firstorder	Median	-0.763177137
wavelet-LHH	firstorder	Energy	592016.6747
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	13.68830836
wavelet-LHH	firstorder	MeanAbsoluteDeviation	21.25797602
wavelet-LHH	firstorder	TotalEnergy	1693773.293
wavelet-LHH	firstorder	Maximum	111.3692664
wavelet-LHH	firstorder	RootMeanSquared	28.32296976
wavelet-LHH	firstorder	90Percentile	33.05820418
wavelet-LHH	firstorder	Minimum	-97.56488204
wavelet-LHH	firstorder	Entropy	2.24863822
wavelet-LHH	firstorder	Range	208.9341484
wavelet-LHH	firstorder	Variance	802.0671128
wavelet-LHH	firstorder	10Percentile	-32.44303769
wavelet-LHH	firstorder	Kurtosis	4.363881452
wavelet-LHH	firstorder	Mean	0.351430327
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.061249726
wavelet-LHH	glrlm	GrayLevelVariance	1.608677646
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.070430539
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.234170124
wavelet-LHH	glrlm	RunVariance	0.369857064
wavelet-LHH	glrlm	GrayLevelNonUniformity	135.7082547
wavelet-LHH	glrlm	LongRunEmphasis	2.001102141
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	18.5242777
wavelet-LHH	glrlm	RunLengthNonUniformity	380.3476602
wavelet-LHH	glrlm	ShortRunEmphasis	0.835735496
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	42.58611636
wavelet-LHH	glrlm	RunPercentage	0.784969773
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.124818241
wavelet-LHH	glrlm	RunEntropy	3.239660034

wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	21.91127923
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.654827024
wavelet-LHH	glszm	GrayLevelVariance	5.053771965
wavelet-LHH	glszm	ZoneVariance	1315.031312
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.162637072
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.318271899
wavelet-LHH	glszm	SizeZoneNonUniformity	27.68965517
wavelet-LHH	glszm	GrayLevelNonUniformity	14.14942529
wavelet-LHH	glszm	LargeAreaEmphasis	1386.988506
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	16.2427931
wavelet-LHH	glszm	ZonePercentage	0.117886179
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	72.04049278
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	28427.50575
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	25.56321839
wavelet-LHH	glszm	SmallAreaEmphasis	0.57064891
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.1334454
wavelet-LHH	glszm	ZoneEntropy	4.580506428
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.09237987
wavelet-LHH	ngtdm	Coarseness	0.00905581
wavelet-LHH	ngtdm	Complexity	28.40104775
wavelet-LHH	ngtdm	Strength	0.233693313
wavelet-LHH	ngtdm	Contrast	0.033271604
wavelet-LHH	ngtdm	Busyness	2.262734394
wavelet-LLH	gldm	GrayLevelVariance	9.813441441
wavelet-LLH	gldm	HighGrayLevelEmphasis	149.0406504
wavelet-LLH	gldm	DependenceEntropy	6.264917987
wavelet-LLH	gldm	DependenceNonUniformity	118.5365854
wavelet-LLH	gldm	GrayLevelNonUniformity	67.72628726
wavelet-LLH	gldm	SmallDependenceEmphasis	0.249676186
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	37.66412201
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.160618679
wavelet-LLH	gldm	LargeDependenceEmphasis	15.93766938
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.142036702
wavelet-LLH	gldm	DependenceVariance	3.998678036
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2315.533875
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00401377
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012564123
wavelet-LLH	glcm	JointAverage	11.65871932
wavelet-LLH	glcm	SumAverage	23.31743863
wavelet-LLH	glcm	JointEntropy	6.932862054
wavelet-LLH	glcm	ClusterShade	-9.22340995
wavelet-LLH	glcm	MaximumProbability	0.027824402
wavelet-LLH	glcm	ldmn	0.971043942
wavelet-LLH	glcm	JointEnergy	0.010910493
wavelet-LLH	glcm	Contrast	12.87376008
wavelet-LLH	glcm	DifferenceEntropy	2.941815168
wavelet-LLH	glcm	InverseVariance	0.31187988
wavelet-LLH	glcm	DifferenceVariance	5.151414874
wavelet-LLH	glcm	ldn	0.888010058
wavelet-LLH	glcm	ldm	0.309892782
wavelet-LLH	glcm	Correlation	0.302059945
wavelet-LLH	glcm	Autocorrelation	138.7497291
wavelet-LLH	glcm	SumEntropy	4.290745538
wavelet-LLH	glcm	SumSquares	9.256216557
wavelet-LLH	glcm	ClusterProminence	1667.859545
wavelet-LLH	glcm	lmc2	0.654275994
wavelet-LLH	glcm	lmc1	-0.087369386
wavelet-LLH	glcm	DifferenceAverage	2.735540125
wavelet-LLH	glcm	ld	0.394154293

wavelet-LLH	glcm	ClusterTendency	24.15110615
wavelet-LLH	firstorder	InterquartileRange	103.2985463
wavelet-LLH	firstorder	Skewness	-0.254418428
wavelet-LLH	firstorder	Uniformity	0.091770037
wavelet-LLH	firstorder	Median	-16.79702317
wavelet-LLH	firstorder	Energy	4748206.832
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	42.72150379
wavelet-LLH	firstorder	MeanAbsoluteDeviation	61.69334566
wavelet-LLH	firstorder	TotalEnergy	13584728.71
wavelet-LLH	firstorder	Maximum	198.0734193
wavelet-LLH	firstorder	RootMeanSquared	80.21149915
wavelet-LLH	firstorder	90Percentile	83.4396244
wavelet-LLH	firstorder	Minimum	-297.5592032
wavelet-LLH	firstorder	Entropy	3.667253069
wavelet-LLH	firstorder	Range	495.6326225
wavelet-LLH	firstorder	Variance	6122.485063
wavelet-LLH	firstorder	10Percentile	-119.7259964
wavelet-LLH	firstorder	Kurtosis	3.118036785
wavelet-LLH	firstorder	Mean	-17.64651617
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012187356
wavelet-LLH	glrlm	GrayLevelVariance	10.18026033
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.012883433
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.089729168
wavelet-LLH	glrlm	RunVariance	0.121301363
wavelet-LLH	glrlm	GrayLevelNonUniformity	59.96311487
wavelet-LLH	glrlm	LongRunEmphasis	1.344092979
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	138.8854109
wavelet-LLH	glrlm	RunLengthNonUniformity	555.5079018
wavelet-LLH	glrlm	ShortRunEmphasis	0.928591743
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	199.6866611
wavelet-LLH	glrlm	RunPercentage	0.905565979
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.016104522
wavelet-LLH	glrlm	RunEntropy	4.149550722
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	149.3277139
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.8301106
wavelet-LLH	glszm	GrayLevelVariance	16.31387373
wavelet-LLH	glszm	ZoneVariance	54.34156597
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.069379261
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.322644354
wavelet-LLH	glszm	SizeZoneNonUniformity	70.01382488
wavelet-LLH	glszm	GrayLevelNonUniformity	15.05529954
wavelet-LLH	glszm	LargeAreaEmphasis	65.9078341
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	88.43973933
wavelet-LLH	glszm	ZonePercentage	0.29403794
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.523914815
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	9392.43318
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	152.4608295
wavelet-LLH	glszm	SmallAreaEmphasis	0.585369212
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017753612
wavelet-LLH	glszm	ZoneEntropy	5.784364429
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.010139557
wavelet-LLH	ngtdm	Coarseness	0.010727709
wavelet-LLH	ngtdm	Complexity	292.9459339
wavelet-LLH	ngtdm	Strength	1.318081568
wavelet-LLH	ngtdm	Contrast	0.09504775
wavelet-LLH	ngtdm	Busyness	0.366244016
wavelet-LLL	gldm	GrayLevelVariance	744.8983409
wavelet-LLL	gldm	HighGrayLevelEmphasis	4684.246612
wavelet-LLL	gldm	DependenceEntropy	7.299929757

wavelet-LLL	gldm	DependenceNonUniformity	416.3794038
wavelet-LLL	gldm	GrayLevelNonUniformity	8.745257453
wavelet-LLL	gldm	SmallDependenceEmphasis	0.777879027
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3446.475901
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.564199734
wavelet-LLL	gldm	LargeDependenceEmphasis	2.281842818
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002588914
wavelet-LLL	gldm	DependenceVariance	0.423682259
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	12625.04607
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002047371
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002133639
wavelet-LLL	glcm	JointAverage	70.03924965
wavelet-LLL	glcm	SumAverage	140.0784993
wavelet-LLL	glcm	JointEntropy	9.871389678
wavelet-LLL	glcm	ClusterShade	3695.583857
wavelet-LLL	glcm	MaximumProbability	0.003370785
wavelet-LLL	glcm	ldmn	0.955165051
wavelet-LLL	glcm	JointEnergy	0.00112752
wavelet-LLL	glcm	Contrast	698.187445
wavelet-LLL	glcm	DifferenceEntropy	5.455305762
wavelet-LLL	glcm	InverseVariance	0.052133789
wavelet-LLL	glcm	DifferenceVariance	192.7380825
wavelet-LLL	glcm	ldn	0.857016738
wavelet-LLL	glcm	ldm	0.050873925
wavelet-LLL	glcm	Correlation	0.512360824
wavelet-LLL	glcm	Autocorrelation	5279.637883
wavelet-LLL	glcm	SumEntropy	7.186425872
wavelet-LLL	glcm	SumSquares	716.9809269
wavelet-LLL	glcm	ClusterProminence	10070817.56
wavelet-LLL	glcm	lmc2	0.999141678
wavelet-LLL	glcm	lmc1	-0.488283981
wavelet-LLL	glcm	DifferenceAverage	21.34245823
wavelet-LLL	glcm	ld	0.108316826
wavelet-LLL	glcm	ClusterTendency	2169.736263
wavelet-LLL	firstorder	InterquartileRange	1111.5861
wavelet-LLL	firstorder	Skewness	0.229443295
wavelet-LLL	firstorder	Uniformity	0.011849942
wavelet-LLL	firstorder	Median	-1238.390267
wavelet-LLL	firstorder	Energy	1308604675
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	447.421004
wavelet-LLL	firstorder	MeanAbsoluteDeviation	581.2509718
wavelet-LLL	firstorder	TotalEnergy	3743948006
wavelet-LLL	firstorder	Maximum	236.2565077
wavelet-LLL	firstorder	RootMeanSquared	1331.606949
wavelet-LLL	firstorder	90Percentile	-134.0249465
wavelet-LLL	firstorder	Minimum	-2694.304861
wavelet-LLL	firstorder	Entropy	6.561477952
wavelet-LLL	firstorder	Range	2930.561369
wavelet-LLL	firstorder	Variance	466179.7803
wavelet-LLL	firstorder	10Percentile	-1976.842527
wavelet-LLL	firstorder	Kurtosis	2.055749969
wavelet-LLL	firstorder	Mean	-1143.23982
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.00215495
wavelet-LLL	glrlm	GrayLevelVariance	742.8260987
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002158846
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.011827713
wavelet-LLL	glrlm	RunVariance	0.014601598
wavelet-LLL	glrlm	GrayLevelNonUniformity	8.607263059
wavelet-LLL	glrlm	LongRunEmphasis	1.043524467

wavelet-LLL	gllm	ShortRunHighGrayLevelEmphasis	4603.930544
wavelet-LLL	gllm	RunLengthNonUniformity	707.9809216
wavelet-LLL	gllm	ShortRunEmphasis	0.989476677
wavelet-LLL	gllm	LongRunHighGrayLevelEmphasis	4923.275854
wavelet-LLL	gllm	RunPercentage	0.986032937
wavelet-LLL	gllm	LongRunLowGrayLevelEmphasis	0.002174945
wavelet-LLL	gllm	RunEntropy	6.619882547
wavelet-LLL	gllm	HighGrayLevelRunEmphasis	4666.558976
wavelet-LLL	gllm	RunLengthNonUniformityNormalized	0.972673941
wavelet-LLL	glszm	GrayLevelVariance	718.3076634
wavelet-LLL	glszm	ZoneVariance	0.361626016
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011725825
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.751026505
wavelet-LLL	glszm	SizeZoneNonUniformity	461.8813008
wavelet-LLL	glszm	GrayLevelNonUniformity	7.211382114
wavelet-LLL	glszm	LargeAreaEmphasis	1.801626016
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3892.197586
wavelet-LLL	glszm	ZonePercentage	0.833333333
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.00277019
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9672.364228
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4467.530081
wavelet-LLL	glszm	SmallAreaEmphasis	0.889103546
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002483794
wavelet-LLL	glszm	ZoneEntropy	7.048984565
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002439237
wavelet-LLL	ngtdm	Coarseness	0.009628388
wavelet-LLL	ngtdm	Complexity	58437.63376
wavelet-LLL	ngtdm	Strength	44.39021984
wavelet-LLL	ngtdm	Contrast	1.482703291
wavelet-LLL	ngtdm	Busyness	0.020867594
wavelet-HHL	gldm	GrayLevelVariance	4.76226122
wavelet-HHL	gldm	HighGrayLevelEmphasis	78.26151762
wavelet-HHL	gldm	DependenceEntropy	5.835646804
wavelet-HHL	gldm	DependenceNonUniformity	92.94308943
wavelet-HHL	gldm	GrayLevelNonUniformity	105.7533875
wavelet-HHL	gldm	SmallDependenceEmphasis	0.212173755
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	18.74164169
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.125939146
wavelet-HHL	gldm	LargeDependenceEmphasis	23.94850949
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.353581424
wavelet-HHL	gldm	DependenceVariance	6.462966635
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1781.136856
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006395869
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.018856428
wavelet-HHL	glcm	JointAverage	8.596688155
wavelet-HHL	glcm	SumAverage	17.19337631
wavelet-HHL	glcm	JointEntropy	5.928218655
wavelet-HHL	glcm	ClusterShade	8.540264248
wavelet-HHL	glcm	MaximumProbability	0.05764161
wavelet-HHL	glcm	Idmn	0.979809094
wavelet-HHL	glcm	JointEnergy	0.024703517
wavelet-HHL	glcm	Contrast	8.804326008
wavelet-HHL	glcm	DifferenceEntropy	2.691124967
wavelet-HHL	glcm	InverseVariance	0.36972614
wavelet-HHL	glcm	DifferenceVariance	3.865068298
wavelet-HHL	glcm	Idn	0.907757065
wavelet-HHL	glcm	Idm	0.374272671
wavelet-HHL	glcm	Correlation	0.012704163
wavelet-HHL	glcm	Autocorrelation	73.96755262

wavelet-HHL	glcm	SumEntropy	3.550958851
wavelet-HHL	glcm	SumSquares	4.466078619
wavelet-HHL	glcm	ClusterProminence	382.4964825
wavelet-HHL	glcm	Imc2	0.55265224
wavelet-HHL	glcm	Imc1	-0.067837121
wavelet-HHL	glcm	DifferenceAverage	2.193219108
wavelet-HHL	glcm	Id	0.447022462
wavelet-HHL	glcm	ClusterTendency	9.059988468
wavelet-HHL	firstorder	InterquartileRange	65.39672248
wavelet-HHL	firstorder	Skewness	0.378117226
wavelet-HHL	firstorder	Uniformity	0.143297273
wavelet-HHL	firstorder	Median	0.050768182
wavelet-HHL	firstorder	Energy	2150367.843
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	26.27116264
wavelet-HHL	firstorder	MeanAbsoluteDeviation	40.36104272
wavelet-HHL	firstorder	TotalEnergy	6152251.747
wavelet-HHL	firstorder	Maximum	279.2193472
wavelet-HHL	firstorder	RootMeanSquared	53.97941797
wavelet-HHL	firstorder	90Percentile	64.85176459
wavelet-HHL	firstorder	Minimum	-189.1582841
wavelet-HHL	firstorder	Entropy	3.119512579
wavelet-HHL	firstorder	Range	468.3776313
wavelet-HHL	firstorder	Variance	2910.418504
wavelet-HHL	firstorder	10Percentile	-60.57853931
wavelet-HHL	firstorder	Kurtosis	5.018825341
wavelet-HHL	firstorder	Mean	1.832773925
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.018023965
wavelet-HHL	glrlm	GrayLevelVariance	5.173377437
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.019408724
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.135596847
wavelet-HHL	glrlm	RunVariance	0.177017035
wavelet-HHL	glrlm	GrayLevelNonUniformity	87.8300362
wavelet-HHL	glrlm	LongRunEmphasis	1.487975116
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	71.8290266
wavelet-HHL	glrlm	RunLengthNonUniformity	513.4911673
wavelet-HHL	glrlm	ShortRunEmphasis	0.9079092
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	115.2484049
wavelet-HHL	glrlm	RunPercentage	0.877631853
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.026702925
wavelet-HHL	glrlm	RunEntropy	3.73622316
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	78.74252715
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.789500835
wavelet-HHL	glszm	GrayLevelVariance	13.07803254
wavelet-HHL	glszm	ZoneVariance	277.2223866
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.089086128
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.424227482
wavelet-HHL	glszm	SizeZoneNonUniformity	66.17948718
wavelet-HHL	glszm	GrayLevelNonUniformity	13.8974359
wavelet-HHL	glszm	LargeAreaEmphasis	299.6025641
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	63.5994848
wavelet-HHL	glszm	ZonePercentage	0.211382114
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	4.331292725
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	21703.8141
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	87.63461538
wavelet-HHL	glszm	SmallAreaEmphasis	0.676782185
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.031413986
wavelet-HHL	glszm	ZoneEntropy	5.209615964
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.024695769
wavelet-HHL	ngtdm	Coarseness	0.009095359

wavelet-HHL	ngtdm	Complexity	253.9698963
wavelet-HHL	ngtdm	Strength	1.212481005
wavelet-HHL	ngtdm	Contrast	0.044880912
wavelet-HHL	ngtdm	Busyness	0.514027565
wavelet-HLH	gldm	GrayLevelVariance	4.153496596
wavelet-HLH	gldm	HighGrayLevelEmphasis	46.93360434
wavelet-HLH	gldm	DependenceEntropy	5.732140478
wavelet-HLH	gldm	DependenceNonUniformity	105.2926829
wavelet-HLH	gldm	GrayLevelNonUniformity	103.6070461
wavelet-HLH	gldm	SmallDependenceEmphasis	0.205389078
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	11.38737536
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.142673012
wavelet-HLH	gldm	LargeDependenceEmphasis	19.95392954
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.594845591
wavelet-HLH	gldm	DependenceVariance	4.872599349
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	851.2777778
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00865663
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.037151491
wavelet-HLH	glcm	JointAverage	6.560374609
wavelet-HLH	glcm	SumAverage	13.12074922
wavelet-HLH	glcm	JointEntropy	5.944987308
wavelet-HLH	glcm	ClusterShade	3.484589265
wavelet-HLH	glcm	MaximumProbability	0.049354939
wavelet-HLH	glcm	Idmn	0.955733366
wavelet-HLH	glcm	JointEnergy	0.021847268
wavelet-HLH	glcm	Contrast	8.667568321
wavelet-HLH	glcm	DifferenceEntropy	2.680221265
wavelet-HLH	glcm	InverseVariance	0.350661838
wavelet-HLH	glcm	DifferenceVariance	3.320793491
wavelet-HLH	glcm	Idn	0.862914613
wavelet-HLH	glcm	Idm	0.349092533
wavelet-HLH	glcm	Correlation	-0.029081967
wavelet-HLH	glcm	Autocorrelation	42.91136816
wavelet-HLH	glcm	SumEntropy	3.50115882
wavelet-HLH	glcm	SumSquares	4.206324147
wavelet-HLH	glcm	ClusterProminence	227.3907942
wavelet-HLH	glcm	Imc2	0.523192793
wavelet-HLH	glcm	Imc1	-0.061889156
wavelet-HLH	glcm	DifferenceAverage	2.27189658
wavelet-HLH	glcm	Id	0.427980772
wavelet-HLH	glcm	ClusterTendency	8.157728267
wavelet-HLH	firstorder	InterquartileRange	65.85951653
wavelet-HLH	firstorder	Skewness	0.231947254
wavelet-HLH	firstorder	Uniformity	0.140388951
wavelet-HLH	firstorder	Median	-3.290762831
wavelet-HLH	firstorder	Energy	1883935.417
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	27.79291388
wavelet-HLH	firstorder	MeanAbsoluteDeviation	40.12592685
wavelet-HLH	firstorder	TotalEnergy	5389982.462
wavelet-HLH	firstorder	Maximum	150.4985506
wavelet-HLH	firstorder	RootMeanSquared	50.52482575
wavelet-HLH	firstorder	90Percentile	68.44748936
wavelet-HLH	firstorder	Minimum	-136.1372328
wavelet-HLH	firstorder	Entropy	3.059096548
wavelet-HLH	firstorder	Range	286.6357834
wavelet-HLH	firstorder	Variance	2551.904424
wavelet-HLH	firstorder	10Percentile	-60.51210247
wavelet-HLH	firstorder	Kurtosis	2.912896138
wavelet-HLH	firstorder	Mean	0.923901331



wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.035177361
wavelet-HLH	glrlm	GrayLevelVariance	4.385480007
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.037808037
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.135209821
wavelet-HLH	glrlm	RunVariance	0.157511277
wavelet-HLH	glrlm	GrayLevelNonUniformity	88.69266207
wavelet-HLH	glrlm	LongRunEmphasis	1.436259541
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	43.79340985
wavelet-HLH	glrlm	RunLengthNonUniformity	532.5933753
wavelet-HLH	glrlm	ShortRunEmphasis	0.916208424
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	66.23818645
wavelet-HLH	glrlm	RunPercentage	0.889097353
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.05191898
wavelet-HLH	glrlm	RunEntropy	3.614802796
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	47.4209801
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.807565579
wavelet-HLH	glszm	GrayLevelVariance	8.131210938
wavelet-HLH	glszm	ZoneVariance	214.2498438
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.10203125
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.331484375
wavelet-HLH	glszm	SizeZoneNonUniformity	53.0375
wavelet-HLH	glszm	GrayLevelNonUniformity	16.325
wavelet-HLH	glszm	LargeAreaEmphasis	235.525
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	36.04297168
wavelet-HLH	glszm	ZonePercentage	0.216802168
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	6.47775606
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	9326.09375
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	57.04375
wavelet-HLH	glszm	SmallAreaEmphasis	0.595898552
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.046056348
wavelet-HLH	glszm	ZoneEntropy	5.214312741
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.02454863
wavelet-HLH	ngtdm	Coarseness	0.008376794
wavelet-HLH	ngtdm	Complexity	107.2440566
wavelet-HLH	ngtdm	Strength	0.397155865
wavelet-HLH	ngtdm	Contrast	0.086746975
wavelet-HLH	ngtdm	Busyness	1.385489843

Image type	Feature Class	Feature Name	10: RTSTRUCT: C99-DNU_segment_LUL Tumor
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	3b32e19f3489a355bce1889bcbe7e67142805305
general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	246
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original	shape	Maximum2DDiameterSlice	22.84731932
original	shape	Sphericity	0.817874071
original	shape	MinorAxis	18.95250428
original	shape	Elongation	0.60609475
original	shape	SurfaceVolumeRatio	0.314556063
original	shape	Volume	6642
original	shape	MajorAxis	31.26987037
original	shape	SurfaceArea	2089.281371
original	shape	Flatness	0.519225804
original	shape	LeastAxis	16.23612357
original	shape	Maximum2DDiameterColumn	26.83281573
original	shape	Maximum2DDiameterRow	30
original	gldm	GrayLevelVariance	125.8169079
original	gldm	HighGrayLevelEmphasis	592.4471545
original	gldm	DependenceEntropy	6.15778614
original	gldm	DependenceNonUniformity	86.22764228
original	gldm	GrayLevelNonUniformity	8.593495935
original	gldm	SmallDependenceEmphasis	0.598441809
original	gldm	SmallDependenceHighGrayLevelEmphasis	270.0906626
original	gldm	DependenceNonUniformityNormalized	0.350518871
original	gldm	LargeDependenceEmphasis	6.154471545
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.027998778
original	gldm	DependenceVariance	2.186925772
original	gldm	LargeDependenceHighGrayLevelEmphasis	6353.414634
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011218849
original	gldm	LowGrayLevelEmphasis	0.01376179
original	glcm	JointAverage	24.05132701
original	glcm	SumAverage	48.10265402
original	glcm	JointEntropy	7.89178997
original	glcm	ClusterShade	-1652.722967
original	glcm	MaximumProbability	0.020597434
original	glcm	Idmn	0.916309825

original	glcm	JointEnergy	0.005042092
original	glcm	Contrast	163.708635
original	glcm	DifferenceEntropy	4.557813725
original	glcm	InverseVariance	0.129180727
original	glcm	DifferenceVariance	65.31067048
original	glcm	Idn	0.819383602
original	glcm	Idm	0.133126602
original	glcm	Correlation	0.329051313
original	glcm	Autocorrelation	618.5212904
original	glcm	SumEntropy	5.688730921
original	glcm	SumSquares	121.7849232
original	glcm	ClusterProminence	213190.8807
original	glcm	Imc2	0.98902048
original	glcm	Imc1	-0.391460938
original	glcm	DifferenceAverage	9.835087221
original	glcm	Id	0.208960041
original	glcm	ClusterTendency	323.4310577
original	firstorder	InterquartileRange	514.5
original	firstorder	Skewness	-0.015373696
original	firstorder	Uniformity	0.03493291
original	firstorder	Median	-357
original	firstorder	Energy	48835108
original	firstorder	RobustMeanAbsoluteDeviation	208.4057684
original	firstorder	MeanAbsoluteDeviation	249.5691057
original	firstorder	TotalEnergy	1318547916
original	firstorder	Maximum	82
original	firstorder	RootMeanSquared	445.5521285
original	firstorder	90Percentile	24.5
original	firstorder	Minimum	-861
original	firstorder	Entropy	5.012099633
original	firstorder	Range	943
original	firstorder	Variance	78107.69919
original	firstorder	10Percentile	-710
original	firstorder	Kurtosis	1.635934866
original	firstorder	Mean	-347
original	glrlm	ShortRunLowGrayLevelEmphasis	0.014030763
original	glrlm	GrayLevelVariance	123.6046008
original	glrlm	LowGrayLevelRunEmphasis	0.014149793
original	glrlm	GrayLevelNonUniformityNormalized	0.033922703
original	glrlm	RunVariance	0.043311034
original	glrlm	GrayLevelNonUniformity	8.027240733
original	glrlm	LongRunEmphasis	1.124773179
original	glrlm	ShortRunHighGrayLevelEmphasis	548.3354443
original	glrlm	RunLengthNonUniformity	219.7725803
original	glrlm	ShortRunEmphasis	0.971719813
original	glrlm	LongRunHighGrayLevelEmphasis	702.8720365
original	glrlm	RunPercentage	0.961851157
original	glrlm	LongRunLowGrayLevelEmphasis	0.014634667
original	glrlm	RunEntropy	5.168568681
original	glrlm	HighGrayLevelRunEmphasis	576.136613
original	glrlm	RunLengthNonUniformityNormalized	0.928519505
original	glszm	GrayLevelVariance	100.5261018
original	glszm	ZoneVariance	3.354209793
original	glszm	GrayLevelNonUniformityNormalized	0.033008393
original	glszm	SizeZoneNonUniformityNormalized	0.630170499
original	glszm	SizeZoneNonUniformity	102.7177914

original	glszm	GrayLevelNonUniformity	5.380368098
original	glszm	LargeAreaEmphasis	5.63190184
original	glszm	SmallAreaHighGrayLevelEmphasis	355.0238267
original	glszm	ZonePercentage	0.662601626
original	glszm	LargeAreaLowGrayLevelEmphasis	0.029745517
original	glszm	LargeAreaHighGrayLevelEmphasis	5726.06135
original	glszm	HighGrayLevelZoneEmphasis	456.1840491
original	glszm	SmallAreaEmphasis	0.820747306
original	glszm	LowGrayLevelZoneEmphasis	0.017952952
original	glszm	ZoneEntropy	5.690757661
original	glszm	SmallAreaLowGrayLevelEmphasis	0.01626687
original	ngtdm	Coarseness	0.015552407
original	ngtdm	Complexity	4419.911306
original	ngtdm	Strength	10.50356391
original	ngtdm	Contrast	1.307282608
original	ngtdm	Busyness	0.082468653
wavelet-HHH	gldm	GrayLevelVariance	9.900142111
wavelet-HHH	gldm	HighGrayLevelEmphasis	142.5243902
wavelet-HHH	gldm	DependenceEntropy	5.61261409
wavelet-HHH	gldm	DependenceNonUniformity	55.7398374
wavelet-HHH	gldm	GrayLevelNonUniformity	23.04878049
wavelet-HHH	gldm	SmallDependenceEmphasis	0.38491076
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	59.36216756
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.226584705
wavelet-HHH	gldm	LargeDependenceEmphasis	8.455284553
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.079379331
wavelet-HHH	gldm	DependenceVariance	2.062198427
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1148.191057
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008041902
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013928582
wavelet-HHH	glcm	JointAverage	11.52336648
wavelet-HHH	glcm	SumAverage	23.04673295
wavelet-HHH	glcm	JointEntropy	6.703480051
wavelet-HHH	glcm	ClusterShade	-6.278162145
wavelet-HHH	glcm	MaximumProbability	0.029996268
wavelet-HHH	glcm	ldmn	0.955534661
wavelet-HHH	glcm	JointEnergy	0.011981705
wavelet-HHH	glcm	Contrast	20.52600992
wavelet-HHH	glcm	DifferenceEntropy	3.226449458
wavelet-HHH	glcm	InverseVariance	0.253192563
wavelet-HHH	glcm	DifferenceVariance	7.663821647
wavelet-HHH	glcm	ldn	0.860177466
wavelet-HHH	glcm	ldm	0.238154638
wavelet-HHH	glcm	Correlation	-0.032247675
wavelet-HHH	glcm	Autocorrelation	132.4965064
wavelet-HHH	glcm	SumEntropy	4.040959446
wavelet-HHH	glcm	SumSquares	9.968625529
wavelet-HHH	glcm	ClusterProminence	1274.394947
wavelet-HHH	glcm	lmc2	0.823836023
wavelet-HHH	glcm	lmc1	-0.157205048
wavelet-HHH	glcm	DifferenceAverage	3.553030423
wavelet-HHH	glcm	ld	0.331792015
wavelet-HHH	glcm	ClusterTendency	19.3484922
wavelet-HHH	firstorder	InterquartileRange	106.7102728
wavelet-HHH	firstorder	Skewness	-0.040232419
wavelet-HHH	firstorder	Uniformity	0.09369423

wavelet-HHH	firstorder	Median	3.3361564
wavelet-HHH	firstorder	Energy	1505890.833
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	42.4251241
wavelet-HHH	firstorder	MeanAbsoluteDeviation	61.73409476
wavelet-HHH	firstorder	TotalEnergy	40659052.49
wavelet-HHH	firstorder	Maximum	224.5889491
wavelet-HHH	firstorder	RootMeanSquared	78.24006296
wavelet-HHH	firstorder	90Percentile	98.10826337
wavelet-HHH	firstorder	Minimum	-266.7279254
wavelet-HHH	firstorder	Entropy	3.647678715
wavelet-HHH	firstorder	Range	491.3168746
wavelet-HHH	firstorder	Variance	6121.424766
wavelet-HHH	firstorder	10Percentile	-97.13423468
wavelet-HHH	firstorder	Kurtosis	3.270296031
wavelet-HHH	firstorder	Mean	0.287551196
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.013833684
wavelet-HHH	grlm	GrayLevelVariance	10.18799619
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.014235153
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.092052459
wavelet-HHH	grlm	RunVariance	0.066503491
wavelet-HHH	grlm	GrayLevelNonUniformity	21.31281211
wavelet-HHH	grlm	LongRunEmphasis	1.196014012
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	136.9131609
wavelet-HHH	grlm	RunLengthNonUniformity	206.0496987
wavelet-HHH	grlm	ShortRunEmphasis	0.955434463
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	169.429125
wavelet-HHH	grlm	RunPercentage	0.941213258
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.01601074
wavelet-HHH	grlm	RunEntropy	3.95007857
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	142.9715497
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.889545235
wavelet-HHH	glszm	GrayLevelVariance	15.29197279
wavelet-HHH	glszm	ZoneVariance	12.91102041
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.075192744
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.453424036
wavelet-HHH	glszm	SizeZoneNonUniformity	47.60952381
wavelet-HHH	glszm	GrayLevelNonUniformity	7.895238095
wavelet-HHH	glszm	LargeAreaEmphasis	18.4
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	111.6907853
wavelet-HHH	glszm	ZonePercentage	0.426829268
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.161790157
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2559.171429
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	151.1809524
wavelet-HHH	glszm	SmallAreaEmphasis	0.6990877
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.02022322
wavelet-HHH	glszm	ZoneEntropy	5.098238229
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016820975
wavelet-HHH	ngtdm	Coarseness	0.022863366
wavelet-HHH	ngtdm	Complexity	324.2602988
wavelet-HHH	ngtdm	Strength	2.158141335
wavelet-HHH	ngtdm	Contrast	0.170821278
wavelet-HHH	ngtdm	Busyness	0.218078771
wavelet-HLL	gldm	GrayLevelVariance	46.17284685
wavelet-HLL	gldm	HighGrayLevelEmphasis	502.3252033
wavelet-HLL	gldm	DependenceEntropy	6.028178801
wavelet-HLL	gldm	DependenceNonUniformity	76.48780488

wavelet-HLL	gldm	GrayLevelNonUniformity	11.19512195
wavelet-HLL	gldm	SmallDependenceEmphasis	0.493641599
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	243.7774673
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.310926036
wavelet-HLL	gldm	LargeDependenceEmphasis	4.731707317
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017304224
wavelet-HLL	gldm	DependenceVariance	0.860731046
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2535.430894
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006927755
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.008267164
wavelet-HLL	glcm	JointAverage	21.19326759
wavelet-HLL	glcm	SumAverage	42.38653519
wavelet-HLL	glcm	JointEntropy	7.839262445
wavelet-HLL	glcm	ClusterShade	277.1753227
wavelet-HLL	glcm	MaximumProbability	0.012370326
wavelet-HLL	glcm	Idmn	0.964116282
wavelet-HLL	glcm	JointEnergy	0.004909591
wavelet-HLL	glcm	Contrast	72.78608625
wavelet-HLL	glcm	DifferenceEntropy	4.008177301
wavelet-HLL	glcm	InverseVariance	0.155436161
wavelet-HLL	glcm	DifferenceVariance	29.45203936
wavelet-HLL	glcm	Idn	0.876040415
wavelet-HLL	glcm	Idm	0.149608402
wavelet-HLL	glcm	Correlation	0.271186417
wavelet-HLL	glcm	Autocorrelation	462.5856506
wavelet-HLL	glcm	SumEntropy	5.239893814
wavelet-HLL	glcm	SumSquares	49.81375184
wavelet-HLL	glcm	ClusterProminence	44065.60758
wavelet-HLL	glcm	Imc2	0.977049808
wavelet-HLL	glcm	Imc1	-0.331166057
wavelet-HLL	glcm	DifferenceAverage	6.494941092
wavelet-HLL	glcm	Id	0.240487472
wavelet-HLL	glcm	ClusterTendency	126.4689211
wavelet-HLL	firstorder	InterquartileRange	235.9859768
wavelet-HLL	firstorder	Skewness	-0.008786369
wavelet-HLL	firstorder	Uniformity	0.045508626
wavelet-HLL	firstorder	Median	-32.02571474
wavelet-HLL	firstorder	Energy	7307496.926
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	96.22340472
wavelet-HLL	firstorder	MeanAbsoluteDeviation	136.2038292
wavelet-HLL	firstorder	TotalEnergy	197302417
wavelet-HLL	firstorder	Maximum	488.2921173
wavelet-HLL	firstorder	RootMeanSquared	172.3521745
wavelet-HLL	firstorder	90Percentile	172.625398
wavelet-HLL	firstorder	Minimum	-549.5876325
wavelet-HLL	firstorder	Entropy	4.664480444
wavelet-HLL	firstorder	Range	1037.87975
wavelet-HLL	firstorder	Variance	28876.26948
wavelet-HLL	firstorder	10Percentile	-226.0072532
wavelet-HLL	firstorder	Kurtosis	3.188943074
wavelet-HLL	firstorder	Mean	-28.79240475
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008420278
wavelet-HLL	glrlm	GrayLevelVariance	46.65484072
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.008491624
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.045248168
wavelet-HLL	glrlm	RunVariance	0.039112039

wavelet-HLL	glrlm	GrayLevelNonUniformity	10.71754587
wavelet-HLL	glrlm	LongRunEmphasis	1.118844622
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	485.9353459
wavelet-HLL	glrlm	RunLengthNonUniformity	219.7762651
wavelet-HLL	glrlm	ShortRunEmphasis	0.971395739
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	564.336579
wavelet-HLL	glrlm	RunPercentage	0.962789243
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.008790229
wavelet-HLL	glrlm	RunEntropy	4.83438226
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	501.1698648
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.92740814
wavelet-HLL	glszm	GrayLevelVariance	55.99682603
wavelet-HLL	glszm	ZoneVariance	1.801626661
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.042154334
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.472128546
wavelet-HLL	glszm	SizeZoneNonUniformity	67.04225352
wavelet-HLL	glszm	GrayLevelNonUniformity	5.985915493
wavelet-HLL	glszm	LargeAreaEmphasis	4.802816901
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	352.0129036
wavelet-HLL	glszm	ZonePercentage	0.577235772
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021955867
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2441.535211
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	494.6338028
wavelet-HLL	glszm	SmallAreaEmphasis	0.711458273
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012414153
wavelet-HLL	glszm	ZoneEntropy	5.754358677
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011605874
wavelet-HLL	ngtdm	Coarseness	0.026198152
wavelet-HLL	ngtdm	Complexity	1923.09405
wavelet-HLL	ngtdm	Strength	10.51082748
wavelet-HLL	ngtdm	Contrast	0.346718419
wavelet-HLL	ngtdm	Busyness	0.058647758
wavelet-LHL	gldm	GrayLevelVariance	72.94257717
wavelet-LHL	gldm	HighGrayLevelEmphasis	496.5325203
wavelet-LHL	gldm	DependenceEntropy	6.153368766
wavelet-LHL	gldm	DependenceNonUniformity	94.89430894
wavelet-LHL	gldm	GrayLevelNonUniformity	8.552845528
wavelet-LHL	gldm	SmallDependenceEmphasis	0.632815041
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	305.686556
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.385749223
wavelet-LHL	gldm	LargeDependenceEmphasis	4.268292683
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.031510763
wavelet-LHL	gldm	DependenceVariance	1.155793509
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2324.930894
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010036003
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.012350838
wavelet-LHL	glcm	JointAverage	20.31063625
wavelet-LHL	glcm	SumAverage	40.6212725
wavelet-LHL	glcm	JointEntropy	8.007286324
wavelet-LHL	glcm	ClusterShade	118.8628967
wavelet-LHL	glcm	MaximumProbability	0.012657729
wavelet-LHL	glcm	ldmn	0.933919365
wavelet-LHL	glcm	JointEnergy	0.004321687
wavelet-LHL	glcm	Contrast	119.697842
wavelet-LHL	glcm	DifferenceEntropy	4.31108576
wavelet-LHL	glcm	InverseVariance	0.128203971

wavelet-LHL	glcm	DifferenceVariance	45.9200709
wavelet-LHL	glcm	Idn	0.83621949
wavelet-LHL	glcm	Idm	0.121792806
wavelet-LHL	glcm	Correlation	0.212969667
wavelet-LHL	glcm	Autocorrelation	428.8032683
wavelet-LHL	glcm	SumEntropy	5.442785408
wavelet-LHL	glcm	SumSquares	76.06098771
wavelet-LHL	glcm	ClusterProminence	86277.63371
wavelet-LHL	glcm	Imc2	0.990892511
wavelet-LHL	glcm	Imc1	-0.40193633
wavelet-LHL	glcm	DifferenceAverage	8.374010525
wavelet-LHL	glcm	Id	0.207678128
wavelet-LHL	glcm	ClusterTendency	184.5461089
wavelet-LHL	firstorder	InterquartileRange	305.4375772
wavelet-LHL	firstorder	Skewness	-0.178730388
wavelet-LHL	firstorder	Uniformity	0.034767665
wavelet-LHL	firstorder	Median	-44.2739172
wavelet-LHL	firstorder	Energy	11793448.63
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	128.1663294
wavelet-LHL	firstorder	MeanAbsoluteDeviation	175.6706831
wavelet-LHL	firstorder	TotalEnergy	318423113.1
wavelet-LHL	firstorder	Maximum	385.1552423
wavelet-LHL	firstorder	RootMeanSquared	218.9539863
wavelet-LHL	firstorder	90Percentile	233.4825762
wavelet-LHL	firstorder	Minimum	-545.8781885
wavelet-LHL	firstorder	Entropy	5.005814275
wavelet-LHL	firstorder	Range	931.0334308
wavelet-LHL	firstorder	Variance	45645.85595
wavelet-LHL	firstorder	10Percentile	-343.9118499
wavelet-LHL	firstorder	Kurtosis	2.333734054
wavelet-LHL	firstorder	Mean	-47.90607633
wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.012390459
wavelet-LHL	grlm	GrayLevelVariance	73.4673835
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.012535183
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.034367505
wavelet-LHL	grlm	RunVariance	0.030652783
wavelet-LHL	grlm	GrayLevelNonUniformity	8.206722379
wavelet-LHL	grlm	LongRunEmphasis	1.093119145
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	483.0032607
wavelet-LHL	grlm	RunLengthNonUniformity	225.1637656
wavelet-LHL	grlm	ShortRunEmphasis	0.977452322
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	546.1100688
wavelet-LHL	grlm	RunPercentage	0.970606629
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.013117521
wavelet-LHL	grlm	RunEntropy	5.133436808
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	495.1118231
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.942452769
wavelet-LHL	glszm	GrayLevelVariance	79.62777177
wavelet-LHL	glszm	ZoneVariance	1.326527853
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03190914
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.642036236
wavelet-LHL	glszm	SizeZoneNonUniformity	110.4302326
wavelet-LHL	glszm	GrayLevelNonUniformity	5.488372093
wavelet-LHL	glszm	LargeAreaEmphasis	3.372093023
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	396.8584485
wavelet-LHL	glszm	ZonePercentage	0.699186992



wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.026270484
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1856.656977
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	479.1627907
wavelet-LHL	glszm	SmallAreaEmphasis	0.827071171
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015114216
wavelet-LHL	glszm	ZoneEntropy	5.732301407
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013955581
wavelet-LHL	ngtdm	Coarseness	0.026095537
wavelet-LHL	ngtdm	Complexity	2874.388612
wavelet-LHL	ngtdm	Strength	10.68510387
wavelet-LHL	ngtdm	Contrast	0.583091086
wavelet-LHL	ngtdm	Busyness	0.058253306
wavelet-LHH	gldm	GrayLevelVariance	34.63601362
wavelet-LHH	gldm	HighGrayLevelEmphasis	457.5569106
wavelet-LHH	gldm	DependenceEntropy	6.037620606
wavelet-LHH	gldm	DependenceNonUniformity	71.89430894
wavelet-LHH	gldm	GrayLevelNonUniformity	13.66666667
wavelet-LHH	gldm	SmallDependenceEmphasis	0.487107231
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	218.3221144
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.292253288
wavelet-LHH	gldm	LargeDependenceEmphasis	6.203252033
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020119688
wavelet-LHH	gldm	DependenceVariance	1.700575055
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2823.109756
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005916124
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.007237063
wavelet-LHH	glcm	JointAverage	20.59548599
wavelet-LHH	glcm	SumAverage	41.19097198
wavelet-LHH	glcm	JointEntropy	7.601896926
wavelet-LHH	glcm	ClusterShade	128.5191636
wavelet-LHH	glcm	MaximumProbability	0.019954299
wavelet-LHH	glcm	ldmn	0.959246477
wavelet-LHH	glcm	JointEnergy	0.006192914
wavelet-LHH	glcm	Contrast	71.06679993
wavelet-LHH	glcm	DifferenceEntropy	3.984280334
wavelet-LHH	glcm	InverseVariance	0.148989029
wavelet-LHH	glcm	DifferenceVariance	26.40895051
wavelet-LHH	glcm	ldn	0.867708624
wavelet-LHH	glcm	ldm	0.155218891
wavelet-LHH	glcm	Correlation	-0.013974878
wavelet-LHH	glcm	Autocorrelation	423.6045338
wavelet-LHH	glcm	SumEntropy	4.812957376
wavelet-LHH	glcm	SumSquares	34.95268041
wavelet-LHH	glcm	ClusterProminence	16312.82166
wavelet-LHH	glcm	lmc2	0.963301202
wavelet-LHH	glcm	lmc1	-0.297493852
wavelet-LHH	glcm	DifferenceAverage	6.511315925
wavelet-LHH	glcm	ld	0.244960355
wavelet-LHH	glcm	ClusterTendency	68.74392171
wavelet-LHH	firstorder	InterquartileRange	180.6340711
wavelet-LHH	firstorder	Skewness	0.17961804
wavelet-LHH	firstorder	Uniformity	0.055555556
wavelet-LHH	firstorder	Median	-2.622726875
wavelet-LHH	firstorder	Energy	5264082.369
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	74.11065683
wavelet-LHH	firstorder	MeanAbsoluteDeviation	112.19629

wavelet-LHH	firstorder	TotalEnergy	142130224
wavelet-LHH	firstorder	Maximum	469.640989
wavelet-LHH	firstorder	RootMeanSquared	146.2829751
wavelet-LHH	firstorder	90Percentile	185.128976
wavelet-LHH	firstorder	Minimum	-475.4110328
wavelet-LHH	firstorder	Entropy	4.472265746
wavelet-LHH	firstorder	Range	945.0520218
wavelet-LHH	firstorder	Variance	21388.9911
wavelet-LHH	firstorder	10Percentile	-161.5940544
wavelet-LHH	firstorder	Kurtosis	3.606261358
wavelet-LHH	firstorder	Mean	3.117325643
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.007371052
wavelet-LHH	grlm	GrayLevelVariance	35.42959976
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.007452379
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.05437273
wavelet-LHH	grlm	RunVariance	0.048982174
wavelet-LHH	grlm	GrayLevelNonUniformity	12.80050605
wavelet-LHH	grlm	LongRunEmphasis	1.14270612
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	442.4059337
wavelet-LHH	grlm	RunLengthNonUniformity	216.4776936
wavelet-LHH	grlm	ShortRunEmphasis	0.967660657
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	523.2452007
wavelet-LHH	grlm	RunPercentage	0.95684803
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.007810493
wavelet-LHH	grlm	RunEntropy	4.681308443
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	457.3562843
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.918957047
wavelet-LHH	glszm	GrayLevelVariance	46.34325772
wavelet-LHH	glszm	ZoneVariance	3.488972905
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.0457887
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.486557446
wavelet-LHH	glszm	SizeZoneNonUniformity	67.14492754
wavelet-LHH	glszm	GrayLevelNonUniformity	6.31884058
wavelet-LHH	glszm	LargeAreaEmphasis	6.666666667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	321.7776565
wavelet-LHH	glszm	ZonePercentage	0.56097561
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.02473179
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3027.210145
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	450.7028986
wavelet-LHH	glszm	SmallAreaEmphasis	0.724431719
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.0109105
wavelet-LHH	glszm	ZoneEntropy	5.672451518
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.010171162
wavelet-LHH	ngtdm	Coarseness	0.023455096
wavelet-LHH	ngtdm	Complexity	1863.959459
wavelet-LHH	ngtdm	Strength	7.246235008
wavelet-LHH	ngtdm	Contrast	0.332810165
wavelet-LHH	ngtdm	Busyness	0.067213481
wavelet-LLH	gldm	GrayLevelVariance	112.0860599
wavelet-LLH	gldm	HighGrayLevelEmphasis	984.495935
wavelet-LLH	gldm	DependenceEntropy	6.301456
wavelet-LLH	gldm	DependenceNonUniformity	100.0569106
wavelet-LLH	gldm	GrayLevelNonUniformity	7.691056911
wavelet-LLH	gldm	SmallDependenceEmphasis	0.652073171
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	647.1126287
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.406735409

wavelet-LLH	gldm	LargeDependenceEmphasis	3.756097561
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.010613468
wavelet-LLH	gldm	DependenceVariance	0.923854848
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3761.00813
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006513612
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007012095
wavelet-LLH	glcm	JointAverage	29.33320492
wavelet-LLH	glcm	SumAverage	58.66640985
wavelet-LLH	glcm	JointEntropy	8.08545463
wavelet-LLH	glcm	ClusterShade	-723.7972112
wavelet-LLH	glcm	MaximumProbability	0.010579181
wavelet-LLH	glcm	ldmn	0.950008325
wavelet-LLH	glcm	JointEnergy	0.003990413
wavelet-LLH	glcm	Contrast	203.4542165
wavelet-LLH	glcm	DifferenceEntropy	4.595489033
wavelet-LLH	glcm	InverseVariance	0.116572876
wavelet-LLH	glcm	DifferenceVariance	81.01298065
wavelet-LLH	glcm	ldn	0.858984143
wavelet-LLH	glcm	ldm	0.109402651
wavelet-LLH	glcm	Correlation	0.105832159
wavelet-LLH	glcm	Autocorrelation	872.9753317
wavelet-LLH	glcm	SumEntropy	5.613978495
wavelet-LLH	glcm	SumSquares	114.2197227
wavelet-LLH	glcm	ClusterProminence	184200.8578
wavelet-LLH	glcm	lmc2	0.996085319
wavelet-LLH	glcm	lmc1	-0.462356153
wavelet-LLH	glcm	DifferenceAverage	10.65483817
wavelet-LLH	glcm	ld	0.187856378
wavelet-LLH	glcm	ClusterTendency	253.4246743
wavelet-LLH	firstorder	InterquartileRange	389.3343592
wavelet-LLH	firstorder	Skewness	-0.283813653
wavelet-LLH	firstorder	Uniformity	0.031264459
wavelet-LLH	firstorder	Median	8.085906349
wavelet-LLH	firstorder	Energy	17875188.62
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	155.6983752
wavelet-LLH	firstorder	MeanAbsoluteDeviation	216.6466065
wavelet-LLH	firstorder	TotalEnergy	482630092.7
wavelet-LLH	firstorder	Maximum	651.8294495
wavelet-LLH	firstorder	RootMeanSquared	269.5614371
wavelet-LLH	firstorder	90Percentile	261.8127912
wavelet-LLH	firstorder	Minimum	-766.6331573
wavelet-LLH	firstorder	Entropy	5.247072159
wavelet-LLH	firstorder	Range	1418.462607
wavelet-LLH	firstorder	Variance	70248.61067
wavelet-LLH	firstorder	10Percentile	-402.0530902
wavelet-LLH	firstorder	Kurtosis	2.755468233
wavelet-LLH	firstorder	Mean	-49.1401842
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007139186
wavelet-LLH	glrlm	GrayLevelVariance	113.682014
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007165722
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.030782343
wavelet-LLH	glrlm	RunVariance	0.029503723
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.374283872
wavelet-LLH	glrlm	LongRunEmphasis	1.084769367
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	965.1249818
wavelet-LLH	glrlm	RunLengthNonUniformity	227.7365036

wavelet-LLH	glrlm	ShortRunEmphasis	0.980626197
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1068.671796
wavelet-LLH	glrlm	RunPercentage	0.973733583
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.007279926
wavelet-LLH	glrlm	RunEntropy	5.365058434
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	984.2766499
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.950427922
wavelet-LLH	glszm	GrayLevelVariance	134.1076957
wavelet-LLH	glszm	ZoneVariance	1.141817485
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.02626959
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.652973284
wavelet-LLH	glszm	SizeZoneNonUniformity	115.5762712
wavelet-LLH	glszm	GrayLevelNonUniformity	4.649717514
wavelet-LLH	glszm	LargeAreaEmphasis	3.073446328
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	831.2960315
wavelet-LLH	glszm	ZonePercentage	0.719512195
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.011885627
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3063.514124
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	989.5875706
wavelet-LLH	glszm	SmallAreaEmphasis	0.834165049
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00919635
wavelet-LLH	glszm	ZoneEntropy	6.020840108
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008945515
wavelet-LLH	ngtdm	Coarseness	0.021790214
wavelet-LLH	ngtdm	Complexity	7295.717011
wavelet-LLH	ngtdm	Strength	18.25249384
wavelet-LLH	ngtdm	Contrast	0.701004401
wavelet-LLH	ngtdm	Busyness	0.032154209
wavelet-LLL	gldm	GrayLevelVariance	657.6611144
wavelet-LLL	gldm	HighGrayLevelEmphasis	2942.96748
wavelet-LLL	gldm	DependenceEntropy	6.58304229
wavelet-LLL	gldm	DependenceNonUniformity	155.5691057
wavelet-LLL	gldm	GrayLevelNonUniformity	3.398373984
wavelet-LLL	gldm	SmallDependenceEmphasis	0.822267389
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2162.410343
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.632394739
wavelet-LLL	gldm	LargeDependenceEmphasis	1.837398374
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008419008
wavelet-LLL	gldm	DependenceVariance	0.249388591
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6816
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007665971
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007812296
wavelet-LLL	glcm	JointAverage	54.29204824
wavelet-LLL	glcm	SumAverage	108.5840965
wavelet-LLL	glcm	JointEntropy	8.33910025
wavelet-LLL	glcm	ClusterShade	-16675.81507
wavelet-LLL	glcm	MaximumProbability	0.006378864
wavelet-LLL	glcm	ldmn	0.94668619
wavelet-LLL	glcm	JointEnergy	0.003163413
wavelet-LLL	glcm	Contrast	634.0610429
wavelet-LLL	glcm	DifferenceEntropy	5.360184032
wavelet-LLL	glcm	InverseVariance	0.058279282
wavelet-LLL	glcm	DifferenceVariance	224.3998563
wavelet-LLL	glcm	ldn	0.847244914
wavelet-LLL	glcm	ldm	0.050921944
wavelet-LLL	glcm	Correlation	0.504878947

wavelet-LLL	glcm	Autocorrelation	3269.359469
wavelet-LLL	glcm	SumEntropy	6.575648779
wavelet-LLL	glcm	SumSquares	637.8433526
wavelet-LLL	glcm	ClusterProminence	7740529.819
wavelet-LLL	glcm	Imc2	0.999859318
wavelet-LLL	glcm	Imc1	-0.659029568
wavelet-LLL	glcm	DifferenceAverage	19.98652621
wavelet-LLL	glcm	Id	0.110724558
wavelet-LLL	glcm	ClusterTendency	1917.312367
wavelet-LLL	firstorder	InterquartileRange	1124.116904
wavelet-LLL	firstorder	Skewness	0.115282156
wavelet-LLL	firstorder	Uniformity	0.013814528
wavelet-LLL	firstorder	Median	-1085.746659
wavelet-LLL	firstorder	Energy	356249822.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	442.1801058
wavelet-LLL	firstorder	MeanAbsoluteDeviation	556.7827682
wavelet-LLL	firstorder	TotalEnergy	9618745201
wavelet-LLL	firstorder	Maximum	306.9957081
wavelet-LLL	firstorder	RootMeanSquared	1203.399356
wavelet-LLL	firstorder	90Percentile	-147.5527344
wavelet-LLL	firstorder	Minimum	-2180.097598
wavelet-LLL	firstorder	Entropy	6.306829539
wavelet-LLL	firstorder	Range	2487.093306
wavelet-LLL	firstorder	Variance	411726.322
wavelet-LLL	firstorder	10Percentile	-1849.699741
wavelet-LLL	firstorder	Kurtosis	1.875186437
wavelet-LLL	firstorder	Mean	-1018.058784
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.007877891
wavelet-LLL	grlm	GrayLevelVariance	656.199352
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.007883714
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.013796244
wavelet-LLL	grlm	RunVariance	0.010004183
wavelet-LLL	grlm	GrayLevelNonUniformity	3.359949781
wavelet-LLL	grlm	LongRunEmphasis	1.030406195
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2892.476018
wavelet-LLL	grlm	RunLengthNonUniformity	238.6789237
wavelet-LLL	grlm	ShortRunEmphasis	0.992398451
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3064.589467
wavelet-LLL	grlm	RunPercentage	0.989993746
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.007907003
wavelet-LLL	grlm	RunEntropy	6.333330106
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2926.898708
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.979991635
wavelet-LLL	glszm	GrayLevelVariance	634.9722222
wavelet-LLL	glszm	ZoneVariance	0.147376543
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013674554
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.77816358
wavelet-LLL	glszm	SizeZoneNonUniformity	168.0833333
wavelet-LLL	glszm	GrayLevelNonUniformity	2.953703704
wavelet-LLL	glszm	LargeAreaEmphasis	1.444444444
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2324.006173
wavelet-LLL	glszm	ZonePercentage	0.87804878
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009125567
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4748.666667
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2735.666667
wavelet-LLL	glszm	SmallAreaEmphasis	0.904320988

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.008785572
wavelet-LLL	glszm	ZoneEntropy	6.528404215
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008703184
wavelet-LLL	ngtdm	Coarseness	0.023146116
wavelet-LLL	ngtdm	Complexity	41295.99446
wavelet-LLL	ngtdm	Strength	79.25415449
wavelet-LLL	ngtdm	Contrast	2.178570152
wavelet-LLL	ngtdm	Busyness	0.012665627
wavelet-HHL	gldm	GrayLevelVariance	15.35369159
wavelet-HHL	gldm	HighGrayLevelEmphasis	217.3170732
wavelet-HHL	gldm	DependenceEntropy	5.652560515
wavelet-HHL	gldm	DependenceNonUniformity	61.77235772
wavelet-HHL	gldm	GrayLevelNonUniformity	20.2195122
wavelet-HHL	gldm	SmallDependenceEmphasis	0.421250225
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	92.7931355
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.251107145
wavelet-HHL	gldm	LargeDependenceEmphasis	8.138211382
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.056732826
wavelet-HHL	gldm	DependenceVariance	2.307753321
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1545.04065
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007232712
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010604602
wavelet-HHL	glcm	JointAverage	14.2757848
wavelet-HHL	glcm	SumAverage	28.55156961
wavelet-HHL	glcm	JointEntropy	7.131647049
wavelet-HHL	glcm	ClusterShade	35.54062655
wavelet-HHL	glcm	MaximumProbability	0.028097094
wavelet-HHL	glcm	Idmn	0.956481553
wavelet-HHL	glcm	JointEnergy	0.008955366
wavelet-HHL	glcm	Contrast	34.15351526
wavelet-HHL	glcm	DifferenceEntropy	3.533389836
wavelet-HHL	glcm	InverseVariance	0.217456646
wavelet-HHL	glcm	DifferenceVariance	12.96547863
wavelet-HHL	glcm	Idn	0.863480908
wavelet-HHL	glcm	Idm	0.20828999
wavelet-HHL	glcm	Correlation	0.020850232
wavelet-HHL	glcm	Autocorrelation	204.13415
wavelet-HHL	glcm	SumEntropy	4.406248075
wavelet-HHL	glcm	SumSquares	17.39380698
wavelet-HHL	glcm	ClusterProminence	4588.836001
wavelet-HHL	glcm	Imc2	0.893894062
wavelet-HHL	glcm	Imc1	-0.204165999
wavelet-HHL	glcm	DifferenceAverage	4.513416745
wavelet-HHL	glcm	Id	0.299682869
wavelet-HHL	glcm	ClusterTendency	35.42171266
wavelet-HHL	firstorder	InterquartileRange	127.4759188
wavelet-HHL	firstorder	Skewness	0.155334511
wavelet-HHL	firstorder	Uniformity	0.082193139
wavelet-HHL	firstorder	Median	-22.19501826
wavelet-HHL	firstorder	Energy	2353702.359
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	53.15874474
wavelet-HHL	firstorder	MeanAbsoluteDeviation	77.41481536
wavelet-HHL	firstorder	TotalEnergy	63549963.69
wavelet-HHL	firstorder	Maximum	281.8939674
wavelet-HHL	firstorder	RootMeanSquared	97.81562129
wavelet-HHL	firstorder	90Percentile	129.4161267

wavelet-HHL	firstorder	Minimum	-340.9413863
wavelet-HHL	firstorder	Entropy	3.891444417
wavelet-HHL	firstorder	Range	622.8353537
wavelet-HHL	firstorder	Variance	9508.126895
wavelet-HHL	firstorder	10Percentile	-121.9983429
wavelet-HHL	firstorder	Kurtosis	3.291129716
wavelet-HHL	firstorder	Mean	-7.731033104
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.010608165
wavelet-HHL	grlm	GrayLevelVariance	15.66427095
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.010859696
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.080007496
wavelet-HHL	grlm	RunVariance	0.064365631
wavelet-HHL	grlm	GrayLevelNonUniformity	18.60834681
wavelet-HHL	grlm	LongRunEmphasis	1.1842585
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	210.2287271
wavelet-HHL	grlm	RunLengthNonUniformity	209.305233
wavelet-HHL	grlm	ShortRunEmphasis	0.95943862
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	254.7379533
wavelet-HHL	grlm	RunPercentage	0.945590994
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.012005393
wavelet-HHL	grlm	RunEntropy	4.16176603
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	218.3800345
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.899193868
wavelet-HHL	glszm	GrayLevelVariance	21.06729388
wavelet-HHL	glszm	ZoneVariance	8.111462223
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.065067509
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.454179833
wavelet-HHL	glszm	SizeZoneNonUniformity	53.59322034
wavelet-HHL	glszm	GrayLevelNonUniformity	7.677966102
wavelet-HHL	glszm	LargeAreaEmphasis	12.45762712
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	152.5997617
wavelet-HHL	glszm	ZonePercentage	0.479674797
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.084163061
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2404.864407
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	221.6016949
wavelet-HHL	glszm	SmallAreaEmphasis	0.699482583
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.015855415
wavelet-HHL	glszm	ZoneEntropy	5.29817083
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014127384
wavelet-HHL	ngtdm	Coarseness	0.021801645
wavelet-HHL	ngtdm	Complexity	616.3311507
wavelet-HHL	ngtdm	Strength	3.561655323
wavelet-HHL	ngtdm	Contrast	0.209280336
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wavelet-HLH	gldm	GrayLevelVariance	21.71281975
wavelet-HLH	gldm	HighGrayLevelEmphasis	364.8658537
wavelet-HLH	gldm	DependenceEntropy	5.696455275
wavelet-HLH	gldm	DependenceNonUniformity	67.75609756
wavelet-HLH	gldm	GrayLevelNonUniformity	15.83739837
wavelet-HLH	gldm	SmallDependenceEmphasis	0.467065266
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	173.2089182
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.275431291
wavelet-HLH	gldm	LargeDependenceEmphasis	5.894308943
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022621829
wavelet-HLH	gldm	DependenceVariance	1.252561306
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2124.223577

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00607749
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.007759951
wavelet-HLH	glcm	JointAverage	18.60217963
wavelet-HLH	glcm	SumAverage	37.20435927
wavelet-HLH	glcm	JointEntropy	7.38236965
wavelet-HLH	glcm	ClusterShade	-43.74131224
wavelet-HLH	glcm	MaximumProbability	0.020905522
wavelet-HLH	glcm	ldmn	0.959791587
wavelet-HLH	glcm	JointEnergy	0.007201849
wavelet-HLH	glcm	Contrast	44.44804604
wavelet-HLH	glcm	DifferenceEntropy	3.697575362
wavelet-HLH	glcm	InverseVariance	0.196527151
wavelet-HLH	glcm	DifferenceVariance	17.26637532
wavelet-HLH	glcm	ldn	0.86846855
wavelet-HLH	glcm	ldm	0.183142796
wavelet-HLH	glcm	Correlation	0.00123623
wavelet-HLH	glcm	Autocorrelation	346.0555217
wavelet-HLH	glcm	SumEntropy	4.567068546
wavelet-HLH	glcm	SumSquares	22.22716821
wavelet-HLH	glcm	ClusterProminence	7107.015001
wavelet-HLH	glcm	lmc2	0.929760185
wavelet-HLH	glcm	lmc1	-0.240074984
wavelet-HLH	glcm	DifferenceAverage	5.13937135
wavelet-HLH	glcm	ld	0.275400733
wavelet-HLH	glcm	ClusterTendency	44.46062678
wavelet-HLH	firstorder	InterquartileRange	151.4935271
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wavelet-HLH	firstorder	Uniformity	0.064379668
wavelet-HLH	firstorder	Median	-3.803378256
wavelet-HLH	firstorder	Energy	3358145.219
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	63.07759076
wavelet-HLH	firstorder	MeanAbsoluteDeviation	91.58312933
wavelet-HLH	firstorder	TotalEnergy	90669920.91
wavelet-HLH	firstorder	Maximum	306.1933571
wavelet-HLH	firstorder	RootMeanSquared	116.8374804
wavelet-HLH	firstorder	90Percentile	144.0334645
wavelet-HLH	firstorder	Minimum	-448.0565315
wavelet-HLH	firstorder	Entropy	4.201393016
wavelet-HLH	firstorder	Range	754.2498885
wavelet-HLH	firstorder	Variance	13650.77714
wavelet-HLH	firstorder	10Percentile	-138.2212067
wavelet-HLH	firstorder	Kurtosis	3.579375369
wavelet-HLH	firstorder	Mean	0.46870181
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007874475
wavelet-HLH	glrlm	GrayLevelVariance	22.33702764
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.007979497
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.063350749
wavelet-HLH	glrlm	RunVariance	0.047522638
wavelet-HLH	glrlm	GrayLevelNonUniformity	14.89370429
wavelet-HLH	glrlm	LongRunEmphasis	1.143841095
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	352.8351781
wavelet-HLH	glrlm	RunLengthNonUniformity	215.1036728
wavelet-HLH	glrlm	ShortRunEmphasis	0.965861383
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	416.9751647
wavelet-HLH	glrlm	RunPercentage	0.955597248
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.008421458



wavelet-HLH	glrlm	RunEntropy	4.423371498
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	365.0943191
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.914346165
wavelet-HLH	glszm	GrayLevelVariance	32.10198428
wavelet-HLH	glszm	ZoneVariance	3.315732941
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.055005936
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.487930352
wavelet-HLH	glszm	SizeZoneNonUniformity	64.89473684
wavelet-HLH	glszm	GrayLevelNonUniformity	7.315789474
wavelet-HLH	glszm	LargeAreaEmphasis	6.736842105
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	270.5491004
wavelet-HLH	glszm	ZonePercentage	0.540650407
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.028587251
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2499.075188
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	366.7443609
wavelet-HLH	glszm	SmallAreaEmphasis	0.725845047
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.011723356
wavelet-HLH	glszm	ZoneEntropy	5.448051538
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.010798895
wavelet-HLH	ngtdm	Coarseness	0.024628652
wavelet-HLH	ngtdm	Complexity	1027.623573
wavelet-HLH	ngtdm	Strength	5.256183841
wavelet-HLH	ngtdm	Contrast	0.227908039
wavelet-HLH	ngtdm	Busyness	0.082783834

Image type	Feature Class	Feature Name	10: RTSTRUCT: C99-DNU_A_segment_RLL ITV
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	
general	info	MaskHash	03fd66bbba2552a8c440fa28b84ecad4c6865104
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	920
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original	shape	Maximum2DDiameterSlice	34.20526275
original	shape	Sphericity	0.691083749
original	shape	MinorAxis	27.47832253
original	shape	Elongation	0.461397076
original	shape	SurfaceVolumeRatio	0.239829672
original	shape	Volume	24840
original	shape	MajorAxis	59.5546091
original	shape	SurfaceArea	5957.369054
original	shape	Flatness	0.38589669
original	shape	LeastAxis	22.98192651
original	shape	Maximum2DDiameterColumn	63.63961031
original	shape	Maximum2DDiameterRow	63.63961031
original	gldm	GrayLevelVariance	95.82043478
original	gldm	HighGrayLevelEmphasis	803.3804348
original	gldm	DependenceEntropy	6.87201432
original	gldm	DependenceNonUniformity	226.9152174
original	gldm	GrayLevelNonUniformity	34.22391304
original	gldm	SmallDependenceEmphasis	0.482231472
original	gldm	SmallDependenceHighGrayLevelEmphasis	294.4264197
original	gldm	DependenceNonUniformityNormalized	0.246646975
original	gldm	LargeDependenceEmphasis	12.30869565
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.016624134
original	gldm	DependenceVariance	5.3436862
original	gldm	LargeDependenceHighGrayLevelEmphasis	14895.40652
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004021833
original	gldm	LowGrayLevelEmphasis	0.004948169
original	glcm	JointAverage	28.5767954
original	glcm	SumAverage	57.1535908
original	glcm	JointEntropy	8.730978441
original	glcm	ClusterShade	-2678.623426
original	glcm	MaximumProbability	0.027630217
original	glcm	Idmn	0.959063878

original	glcm	JointEnergy	0.004142685
original	glcm	Contrast	84.78133046
original	glcm	DifferenceEntropy	4.203907986
original	glcm	InverseVariance	0.181046833
original	glcm	DifferenceVariance	39.06726783
original	glcm	Idn	0.875329353
original	glcm	Idm	0.189844212
original	glcm	Correlation	0.475195815
original	glcm	Autocorrelation	855.1323825
original	glcm	SumEntropy	5.639842597
original	glcm	SumSquares	80.82448828
original	glcm	ClusterProminence	148577.4847
original	glcm	Imc2	0.90785477
original	glcm	Imc1	-0.182499743
original	glcm	DifferenceAverage	6.697778701
original	glcm	Id	0.271504626
original	glcm	ClusterTendency	238.5166227
original	firstorder	InterquartileRange	412
original	firstorder	Skewness	-0.559304258
original	firstorder	Uniformity	0.037199905
original	firstorder	Median	-177.5
original	firstorder	Energy	111596114
original	firstorder	RobustMeanAbsoluteDeviation	167.3727793
original	firstorder	MeanAbsoluteDeviation	211.2015123
original	firstorder	TotalEnergy	3013095078
original	firstorder	Maximum	131
original	firstorder	RootMeanSquared	348.2816732
original	firstorder	90Percentile	23
original	firstorder	Minimum	-881
original	firstorder	Entropy	5.002955522
original	firstorder	Range	1012
original	firstorder	Variance	59882.35454
original	firstorder	10Percentile	-614
original	firstorder	Kurtosis	2.129672269
original	firstorder	Mean	-247.826087
original	glrlm	ShortRunLowGrayLevelEmphasis	0.005132912
original	glrlm	GrayLevelVariance	96.00554507
original	glrlm	LowGrayLevelRunEmphasis	0.005194202
original	glrlm	GrayLevelNonUniformityNormalized	0.034732283
original	glrlm	RunVariance	0.08033023
original	glrlm	GrayLevelNonUniformity	29.94339017
original	glrlm	LongRunEmphasis	1.22018529
original	glrlm	ShortRunHighGrayLevelEmphasis	728.9322308
original	glrlm	RunLengthNonUniformity	765.316242
original	glrlm	ShortRunEmphasis	0.954322133
original	glrlm	LongRunHighGrayLevelEmphasis	1035.375166
original	glrlm	RunPercentage	0.936956522
original	glrlm	LongRunLowGrayLevelEmphasis	0.005475038
original	glrlm	RunEntropy	5.327531908
original	glrlm	HighGrayLevelRunEmphasis	780.3601268
original	glrlm	RunLengthNonUniformityNormalized	0.887520175
original	glszm	GrayLevelVariance	93.97258975
original	glszm	ZoneVariance	18.08498771
original	glszm	GrayLevelNonUniformityNormalized	0.029748885
original	glszm	SizeZoneNonUniformityNormalized	0.5582169
original	glszm	SizeZoneNonUniformity	279.6666667

original	glszm	GrayLevelNonUniformity	14.90419162
original	glszm	LargeAreaEmphasis	21.45708583
original	glszm	SmallAreaHighGrayLevelEmphasis	446.88014
original	glszm	ZonePercentage	0.544565217
original	glszm	LargeAreaLowGrayLevelEmphasis	0.025819572
original	glszm	LargeAreaHighGrayLevelEmphasis	27387.45709
original	glszm	HighGrayLevelZoneEmphasis	619.5808383
original	glszm	SmallAreaEmphasis	0.775036026
original	glszm	LowGrayLevelZoneEmphasis	0.007705264
original	glszm	ZoneEntropy	6.266962331
original	glszm	SmallAreaLowGrayLevelEmphasis	0.007139659
original	ngtdm	Coarseness	0.007235587
original	ngtdm	Complexity	3287.276738
original	ngtdm	Strength	5.104570639
original	ngtdm	Contrast	0.534971955
original	ngtdm	Busyness	0.112825451
wavelet-HHH	gldm	GrayLevelVariance	6.504234405
wavelet-HHH	gldm	HighGrayLevelEmphasis	95.84782609
wavelet-HHH	gldm	DependenceEntropy	5.816736657
wavelet-HHH	gldm	DependenceNonUniformity	147.4086957
wavelet-HHH	gldm	GrayLevelNonUniformity	106.5586957
wavelet-HHH	gldm	SmallDependenceEmphasis	0.263217046
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	26.20341082
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.160226843
wavelet-HHH	gldm	LargeDependenceEmphasis	15.85434783
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.195252694
wavelet-HHH	gldm	DependenceVariance	4.116275992
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1490.947826
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009658256
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.019426141
wavelet-HHH	glcm	JointAverage	9.452553846
wavelet-HHH	glcm	SumAverage	18.90510769
wavelet-HHH	glcm	JointEntropy	6.535889856
wavelet-HHH	glcm	ClusterShade	-4.535269831
wavelet-HHH	glcm	MaximumProbability	0.038214511
wavelet-HHH	glcm	ldmn	0.960459907
wavelet-HHH	glcm	JointEnergy	0.015675359
wavelet-HHH	glcm	Contrast	13.13585066
wavelet-HHH	glcm	DifferenceEntropy	2.987513958
wavelet-HHH	glcm	InverseVariance	0.315243539
wavelet-HHH	glcm	DifferenceVariance	5.335838255
wavelet-HHH	glcm	ldn	0.870542554
wavelet-HHH	glcm	ldm	0.305869415
wavelet-HHH	glcm	Correlation	-0.030964587
wavelet-HHH	glcm	Autocorrelation	89.15238806
wavelet-HHH	glcm	SumEntropy	3.796546753
wavelet-HHH	glcm	SumSquares	6.369119801
wavelet-HHH	glcm	ClusterProminence	566.0896245
wavelet-HHH	glcm	lmc2	0.53262948
wavelet-HHH	glcm	lmc1	-0.051993781
wavelet-HHH	glcm	DifferenceAverage	2.773640631
wavelet-HHH	glcm	ld	0.389980973
wavelet-HHH	glcm	ClusterTendency	12.34062854
wavelet-HHH	firstorder	InterquartileRange	79.38416426
wavelet-HHH	firstorder	Skewness	-0.128574549
wavelet-HHH	firstorder	Uniformity	0.115824669

wavelet-HHH	firstorder	Median	0.731193741
wavelet-HHH	firstorder	Energy	3694074.199
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.45759127
wavelet-HHH	firstorder	MeanAbsoluteDeviation	49.32032869
wavelet-HHH	firstorder	TotalEnergy	99740003.37
wavelet-HHH	firstorder	Maximum	199.8433583
wavelet-HHH	firstorder	RootMeanSquared	63.36637943
wavelet-HHH	firstorder	90Percentile	73.62391535
wavelet-HHH	firstorder	Minimum	-219.6689477
wavelet-HHH	firstorder	Entropy	3.371715106
wavelet-HHH	firstorder	Range	419.5123059
wavelet-HHH	firstorder	Variance	4014.313877
wavelet-HHH	firstorder	10Percentile	-80.04750059
wavelet-HHH	firstorder	Kurtosis	3.475864882
wavelet-HHH	firstorder	Mean	-0.992051117
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.019291229
wavelet-HHH	grlm	GrayLevelVariance	6.891682567
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.020160953
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.111215007
wavelet-HHH	grlm	RunVariance	0.116522451
wavelet-HHH	grlm	GrayLevelNonUniformity	92.77119157
wavelet-HHH	grlm	LongRunEmphasis	1.333915693
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	89.35716226
wavelet-HHH	grlm	RunLengthNonUniformity	693.8352904
wavelet-HHH	grlm	ShortRunEmphasis	0.929437902
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	127.3704387
wavelet-HHH	grlm	RunPercentage	0.906688963
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.02426708
wavelet-HHH	grlm	RunEntropy	3.865481345
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	96.0227813
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.831392773
wavelet-HHH	glszm	GrayLevelVariance	14.164496
wavelet-HHH	glszm	ZoneVariance	174.8656
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.081184
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.422336
wavelet-HHH	glszm	SizeZoneNonUniformity	105.584
wavelet-HHH	glszm	GrayLevelNonUniformity	20.296
wavelet-HHH	glszm	LargeAreaEmphasis	188.408
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	68.51384735
wavelet-HHH	glszm	ZonePercentage	0.27173913
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.099782107
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	17858.256
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	99.764
wavelet-HHH	glszm	SmallAreaEmphasis	0.675630981
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.036837621
wavelet-HHH	glszm	ZoneEntropy	5.406904145
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.031357062
wavelet-HHH	ngtdm	Coarseness	0.006674211
wavelet-HHH	ngtdm	Complexity	234.1078741
wavelet-HHH	ngtdm	Strength	0.543103294
wavelet-HHH	ngtdm	Contrast	0.099937228
wavelet-HHH	ngtdm	Busyness	0.83410387
wavelet-HLL	gldm	GrayLevelVariance	27.92343573
wavelet-HLL	gldm	HighGrayLevelEmphasis	258.7652174
wavelet-HLL	gldm	DependenceEntropy	6.511366293
wavelet-HLL	gldm	DependenceNonUniformity	182.6695652

wavelet-HLL	gldm	GrayLevelNonUniformity	58.25652174
wavelet-HLL	gldm	SmallDependenceEmphasis	0.353541213
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	106.699598
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.198553875
wavelet-HLL	gldm	LargeDependenceEmphasis	10.75
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.061822205
wavelet-HLL	gldm	DependenceVariance	2.849012287
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2475.119565
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006146044
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009879086
wavelet-HLL	glcm	JointAverage	14.98740832
wavelet-HLL	glcm	SumAverage	29.97481664
wavelet-HLL	glcm	JointEntropy	7.868453973
wavelet-HLL	glcm	ClusterShade	464.6456661
wavelet-HLL	glcm	MaximumProbability	0.01800281
wavelet-HLL	glcm	Idmn	0.987365864
wavelet-HLL	glcm	JointEnergy	0.006016081
wavelet-HLL	glcm	Contrast	32.28020231
wavelet-HLL	glcm	DifferenceEntropy	3.521204641
wavelet-HLL	glcm	InverseVariance	0.237629603
wavelet-HLL	glcm	DifferenceVariance	14.10310072
wavelet-HLL	glcm	Idn	0.925633868
wavelet-HLL	glcm	Idm	0.23255259
wavelet-HLL	glcm	Correlation	0.285949909
wavelet-HLL	glcm	Autocorrelation	231.2532948
wavelet-HLL	glcm	SumEntropy	4.79166585
wavelet-HLL	glcm	SumSquares	22.76524495
wavelet-HLL	glcm	ClusterProminence	32613.38291
wavelet-HLL	glcm	Imc2	0.788566907
wavelet-HLL	glcm	Imc1	-0.12024789
wavelet-HLL	glcm	DifferenceAverage	4.185472548
wavelet-HLL	glcm	Id	0.322286406
wavelet-HLL	glcm	ClusterTendency	58.78077749
wavelet-HLL	firstorder	InterquartileRange	143.6394216
wavelet-HLL	firstorder	Skewness	1.183822141
wavelet-HLL	firstorder	Uniformity	0.063322306
wavelet-HLL	firstorder	Median	-13.10934512
wavelet-HLL	firstorder	Energy	16082781.18
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	61.02669378
wavelet-HLL	firstorder	MeanAbsoluteDeviation	95.0262847
wavelet-HLL	firstorder	TotalEnergy	434235091.9
wavelet-HLL	firstorder	Maximum	846.2649734
wavelet-HLL	firstorder	RootMeanSquared	132.2168064
wavelet-HLL	firstorder	90Percentile	137.1076772
wavelet-HLL	firstorder	Minimum	-369.0357707
wavelet-HLL	firstorder	Entropy	4.291067537
wavelet-HLL	firstorder	Range	1215.300744
wavelet-HLL	firstorder	Variance	17415.45531
wavelet-HLL	firstorder	10Percentile	-155.9974681
wavelet-HLL	firstorder	Kurtosis	9.009557312
wavelet-HLL	firstorder	Mean	-8.113481486
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009921081
wavelet-HLL	glrlm	GrayLevelVariance	29.2069812
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.010209747
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.061572222
wavelet-HLL	glrlm	RunVariance	0.084080196

wavelet-HLL	glrlm	GrayLevelNonUniformity	52.70062694
wavelet-HLL	glrlm	LongRunEmphasis	1.240707597
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	248.749304
wavelet-HLL	glrlm	RunLengthNonUniformity	746.4604227
wavelet-HLL	glrlm	ShortRunEmphasis	0.947517073
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	316.1585941
wavelet-HLL	glrlm	RunPercentage	0.930351171
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.011526504
wavelet-HLL	glrlm	RunEntropy	4.670196104
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	260.8955029
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.87153174
wavelet-HLL	glszm	GrayLevelVariance	50.30508351
wavelet-HLL	glszm	ZoneVariance	22.260373
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.045938347
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.426130295
wavelet-HLL	glszm	SizeZoneNonUniformity	158.0943396
wavelet-HLL	glszm	GrayLevelNonUniformity	17.04312668
wavelet-HLL	glszm	LargeAreaEmphasis	28.4097035
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	217.408023
wavelet-HLL	glszm	ZonePercentage	0.40326087
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.153194032
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	6408.857143
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	296.0592992
wavelet-HLL	glszm	SmallAreaEmphasis	0.678587216
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01618204
wavelet-HLL	glszm	ZoneEntropy	6.199862618
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014052574
wavelet-HLL	ngtdm	Coarseness	0.008351353
wavelet-HLL	ngtdm	Complexity	2094.194698
wavelet-HLL	ngtdm	Strength	6.544929816
wavelet-HLL	ngtdm	Contrast	0.117121234
wavelet-HLL	ngtdm	Busyness	0.169732442
wavelet-LHL	gldm	GrayLevelVariance	78.90726725
wavelet-LHL	gldm	HighGrayLevelEmphasis	1361.870652
wavelet-LHL	gldm	DependenceEntropy	6.676054401
wavelet-LHL	gldm	DependenceNonUniformity	308.7173913
wavelet-LHL	gldm	GrayLevelNonUniformity	32.52826087
wavelet-LHL	gldm	SmallDependenceEmphasis	0.576054518
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	819.3721607
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.335562382
wavelet-LHL	gldm	LargeDependenceEmphasis	5.763043478
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006189666
wavelet-LHL	gldm	DependenceVariance	1.87528828
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7334.577174
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001681025
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002070864
wavelet-LHL	glcm	JointAverage	35.28872202
wavelet-LHL	glcm	SumAverage	70.57744405
wavelet-LHL	glcm	JointEntropy	9.077914758
wavelet-LHL	glcm	ClusterShade	1000.708891
wavelet-LHL	glcm	MaximumProbability	0.011094845
wavelet-LHL	glcm	ldmn	0.972760387
wavelet-LHL	glcm	JointEnergy	0.002485717
wavelet-LHL	glcm	Contrast	121.1164335
wavelet-LHL	glcm	DifferenceEntropy	4.38804888
wavelet-LHL	glcm	InverseVariance	0.138027749

wavelet-LHL	glcm	DifferenceVariance	50.16183052
wavelet-LHL	glcm	Idn	0.893873711
wavelet-LHL	glcm	Idm	0.134191987
wavelet-LHL	glcm	Correlation	0.146603872
wavelet-LHL	glcm	Autocorrelation	1256.771025
wavelet-LHL	glcm	SumEntropy	5.546084066
wavelet-LHL	glcm	SumSquares	72.01782726
wavelet-LHL	glcm	ClusterProminence	114476.961
wavelet-LHL	glcm	Imc2	0.92937798
wavelet-LHL	glcm	Imc1	-0.201305326
wavelet-LHL	glcm	DifferenceAverage	8.154899691
wavelet-LHL	glcm	Id	0.219798846
wavelet-LHL	glcm	ClusterTendency	166.9548755
wavelet-LHL	firstorder	InterquartileRange	275.1244349
wavelet-LHL	firstorder	Skewness	0.230021759
wavelet-LHL	firstorder	Uniformity	0.035356805
wavelet-LHL	firstorder	Median	-57.1870843
wavelet-LHL	firstorder	Energy	46985772.99
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	113.3062154
wavelet-LHL	firstorder	MeanAbsoluteDeviation	171.1603322
wavelet-LHL	firstorder	TotalEnergy	1268615871
wavelet-LHL	firstorder	Maximum	642.7939111
wavelet-LHL	firstorder	RootMeanSquared	225.9900272
wavelet-LHL	firstorder	90Percentile	268.300531
wavelet-LHL	firstorder	Minimum	-912.9733115
wavelet-LHL	firstorder	Entropy	5.121926416
wavelet-LHL	firstorder	Range	1555.767223
wavelet-LHL	firstorder	Variance	49285.31283
wavelet-LHL	firstorder	10Percentile	-310.2283764
wavelet-LHL	firstorder	Kurtosis	3.382032976
wavelet-LHL	firstorder	Mean	-42.26321744
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002092009
wavelet-LHL	glrlm	GrayLevelVariance	80.65677925
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002116919
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.034387728
wavelet-LHL	glrlm	RunVariance	0.042221823
wavelet-LHL	glrlm	GrayLevelNonUniformity	30.45684105
wavelet-LHL	glrlm	LongRunEmphasis	1.121946469
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1330.757849
wavelet-LHL	glrlm	RunLengthNonUniformity	823.1737045
wavelet-LHL	glrlm	ShortRunEmphasis	0.972105535
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1519.199931
wavelet-LHL	glrlm	RunPercentage	0.962625418
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002225175
wavelet-LHL	glrlm	RunEntropy	5.335616071
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1365.906212
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.92920463
wavelet-LHL	glszm	GrayLevelVariance	99.2082697
wavelet-LHL	glszm	ZoneVariance	4.194803091
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.029171873
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.602700264
wavelet-LHL	glszm	SizeZoneNonUniformity	354.3877551
wavelet-LHL	glszm	GrayLevelNonUniformity	17.15306122
wavelet-LHL	glszm	LargeAreaEmphasis	6.642857143
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1155.524585
wavelet-LHL	glszm	ZonePercentage	0.639130435



wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.007550064
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	8406.04932
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1414.87415
wavelet-LHL	glszm	SmallAreaEmphasis	0.803915775
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002726736
wavelet-LHL	glszm	ZoneEntropy	6.267373565
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002539735
wavelet-LHL	ngtdm	Coarseness	0.00738215
wavelet-LHL	ngtdm	Complexity	6358.855082
wavelet-LHL	ngtdm	Strength	6.009000041
wavelet-LHL	ngtdm	Contrast	0.362938409
wavelet-LHL	ngtdm	Busyness	0.074551158
wavelet-LHH	gldm	GrayLevelVariance	22.7435716
wavelet-LHH	gldm	HighGrayLevelEmphasis	369.8771739
wavelet-LHH	gldm	DependenceEntropy	6.227217113
wavelet-LHH	gldm	DependenceNonUniformity	223.9
wavelet-LHH	gldm	GrayLevelNonUniformity	59.93043478
wavelet-LHH	gldm	SmallDependenceEmphasis	0.435751473
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	167.4319834
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.243369565
wavelet-LHH	gldm	LargeDependenceEmphasis	8.267391304
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028005614
wavelet-LHH	gldm	DependenceVariance	2.402570888
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2897.020652
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003436705
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005280674
wavelet-LHH	glcm	JointAverage	18.66625324
wavelet-LHH	glcm	SumAverage	37.33250647
wavelet-LHH	glcm	JointEntropy	7.959943472
wavelet-LHH	glcm	ClusterShade	34.75222353
wavelet-LHH	glcm	MaximumProbability	0.016204317
wavelet-LHH	glcm	ldmn	0.974077447
wavelet-LHH	glcm	JointEnergy	0.00559779
wavelet-LHH	glcm	Contrast	43.76028565
wavelet-LHH	glcm	DifferenceEntropy	3.749240818
wavelet-LHH	glcm	InverseVariance	0.20172195
wavelet-LHH	glcm	DifferenceVariance	17.9625543
wavelet-LHH	glcm	ldn	0.894106279
wavelet-LHH	glcm	ldm	0.193836425
wavelet-LHH	glcm	Correlation	-0.004199857
wavelet-LHH	glcm	Autocorrelation	348.339269
wavelet-LHH	glcm	SumEntropy	4.656662251
wavelet-LHH	glcm	SumSquares	21.77702249
wavelet-LHH	glcm	ClusterProminence	7590.75741
wavelet-LHH	glcm	lmc2	0.770719157
wavelet-LHH	glcm	lmc1	-0.109570118
wavelet-LHH	glcm	DifferenceAverage	4.997926037
wavelet-LHH	glcm	ld	0.28558999
wavelet-LHH	glcm	ClusterTendency	43.34780432
wavelet-LHH	firstorder	InterquartileRange	145.1341529
wavelet-LHH	firstorder	Skewness	0.118535994
wavelet-LHH	firstorder	Uniformity	0.065141777
wavelet-LHH	firstorder	Median	2.902143198
wavelet-LHH	firstorder	Energy	13084354.19
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	59.74258216
wavelet-LHH	firstorder	MeanAbsoluteDeviation	90.74706419

wavelet-LHH	firstorder	TotalEnergy	353277563.1
wavelet-LHH	firstorder	Maximum	522.8062194
wavelet-LHH	firstorder	RootMeanSquared	119.2565475
wavelet-LHH	firstorder	90Percentile	153.9655592
wavelet-LHH	firstorder	Minimum	-427.3151119
wavelet-LHH	firstorder	Entropy	4.242622243
wavelet-LHH	firstorder	Range	950.1213313
wavelet-LHH	firstorder	Variance	14211.35642
wavelet-LHH	firstorder	10Percentile	-143.139221
wavelet-LHH	firstorder	Kurtosis	4.061644577
wavelet-LHH	firstorder	Mean	3.281417104
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.005273211
wavelet-LHH	glrlm	GrayLevelVariance	23.53559861
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.005403249
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.0635569
wavelet-LHH	glrlm	RunVariance	0.063748261
wavelet-LHH	glrlm	GrayLevelNonUniformity	55.2768208
wavelet-LHH	glrlm	LongRunEmphasis	1.183755375
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	356.4332932
wavelet-LHH	glrlm	RunLengthNonUniformity	781.5976683
wavelet-LHH	glrlm	ShortRunEmphasis	0.959092229
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	435.6660366
wavelet-LHH	glrlm	RunPercentage	0.945317726
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.005985339
wavelet-LHH	glrlm	RunEntropy	4.552409283
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	370.8715773
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.898261372
wavelet-LHH	glszm	GrayLevelVariance	34.85617778
wavelet-LHH	glszm	ZoneVariance	12.22469136
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04988642
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.491940741
wavelet-LHH	glszm	SizeZoneNonUniformity	221.3733333
wavelet-LHH	glszm	GrayLevelNonUniformity	22.44888889
wavelet-LHH	glszm	LargeAreaEmphasis	16.40444444
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	284.1333863
wavelet-LHH	glszm	ZonePercentage	0.489130435
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.054387355
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5717.846667
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	384.7955556
wavelet-LHH	glszm	SmallAreaEmphasis	0.728932411
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007421453
wavelet-LHH	glszm	ZoneEntropy	5.90103013
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.006482823
wavelet-LHH	ngtdm	Coarseness	0.006959764
wavelet-LHH	ngtdm	Complexity	1863.678243
wavelet-LHH	ngtdm	Strength	2.719597277
wavelet-LHH	ngtdm	Contrast	0.141411908
wavelet-LHH	ngtdm	Busyness	0.183702154
wavelet-LLH	gldm	GrayLevelVariance	67.74371928
wavelet-LLH	gldm	HighGrayLevelEmphasis	899.0630435
wavelet-LLH	gldm	DependenceEntropy	6.735394716
wavelet-LLH	gldm	DependenceNonUniformity	258.8173913
wavelet-LLH	gldm	GrayLevelNonUniformity	35.70869565
wavelet-LLH	gldm	SmallDependenceEmphasis	0.496848411
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	457.706791
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.281323251

wavelet-LLH	gldm	LargeDependenceEmphasis	5.986956522
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.010234747
wavelet-LLH	gldm	DependenceVariance	1.485179584
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	5252.652174
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002055609
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002937961
wavelet-LLH	glcm	JointAverage	28.36217087
wavelet-LLH	glcm	SumAverage	56.72434173
wavelet-LLH	glcm	JointEntropy	8.869886385
wavelet-LLH	glcm	ClusterShade	641.7873624
wavelet-LLH	glcm	MaximumProbability	0.010544076
wavelet-LLH	glcm	ldmn	0.974434904
wavelet-LLH	glcm	JointEnergy	0.002917347
wavelet-LLH	glcm	Contrast	99.47234628
wavelet-LLH	glcm	DifferenceEntropy	4.202868136
wavelet-LLH	glcm	InverseVariance	0.167364088
wavelet-LLH	glcm	DifferenceVariance	46.31173074
wavelet-LLH	glcm	ldn	0.900265689
wavelet-LLH	glcm	ldm	0.157807429
wavelet-LLH	glcm	Correlation	0.188212929
wavelet-LLH	glcm	Autocorrelation	817.3520836
wavelet-LLH	glcm	SumEntropy	5.482425447
wavelet-LLH	glcm	SumSquares	62.63424128
wavelet-LLH	glcm	ClusterProminence	99584.83616
wavelet-LLH	glcm	lmc2	0.922497153
wavelet-LLH	glcm	lmc1	-0.199029024
wavelet-LLH	glcm	DifferenceAverage	7.062947547
wavelet-LLH	glcm	ld	0.245147916
wavelet-LLH	glcm	ClusterTendency	151.0646188
wavelet-LLH	firstorder	InterquartileRange	229.9517596
wavelet-LLH	firstorder	Skewness	0.256600683
wavelet-LLH	firstorder	Uniformity	0.0388138
wavelet-LLH	firstorder	Median	-47.40474682
wavelet-LLH	firstorder	Energy	40414535.45
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	99.20691124
wavelet-LLH	firstorder	MeanAbsoluteDeviation	154.1586421
wavelet-LLH	firstorder	TotalEnergy	1091192457
wavelet-LLH	firstorder	Maximum	689.4331282
wavelet-LLH	firstorder	RootMeanSquared	209.5920869
wavelet-LLH	firstorder	90Percentile	217.6774649
wavelet-LLH	firstorder	Minimum	-725.7447437
wavelet-LLH	firstorder	Entropy	5.00095921
wavelet-LLH	firstorder	Range	1415.177872
wavelet-LLH	firstorder	Variance	42188.26084
wavelet-LLH	firstorder	10Percentile	-290.7140092
wavelet-LLH	firstorder	Kurtosis	3.868075458
wavelet-LLH	firstorder	Mean	-41.72028335
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002949199
wavelet-LLH	glrlm	GrayLevelVariance	69.10211298
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003000532
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.038084959
wavelet-LLH	glrlm	RunVariance	0.049388547
wavelet-LLH	glrlm	GrayLevelNonUniformity	33.52631777
wavelet-LLH	glrlm	LongRunEmphasis	1.143037109
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	871.8365812
wavelet-LLH	glrlm	RunLengthNonUniformity	809.5494824

wavelet-LLH	glrlm	ShortRunEmphasis	0.967662768
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1025.528149
wavelet-LLH	glrlm	RunPercentage	0.956856187
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003221604
wavelet-LLH	glrlm	RunEntropy	5.238693581
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	900.1180687
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.91890712
wavelet-LLH	glszm	GrayLevelVariance	88.71117031
wavelet-LLH	glszm	ZoneVariance	6.779231469
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031557602
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.530268735
wavelet-LLH	glszm	SizeZoneNonUniformity	274.1489362
wavelet-LLH	glszm	GrayLevelNonUniformity	16.31528046
wavelet-LLH	glszm	LargeAreaEmphasis	9.945841393
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	702.2827056
wavelet-LLH	glszm	ZonePercentage	0.561956522
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.015938966
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	8498.769826
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	917.9729207
wavelet-LLH	glszm	SmallAreaEmphasis	0.756326339
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003947871
wavelet-LLH	glszm	ZoneEntropy	6.357582501
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00342388
wavelet-LLH	ngtdm	Coarseness	0.008071396
wavelet-LLH	ngtdm	Complexity	5508.590377
wavelet-LLH	ngtdm	Strength	6.855528376
wavelet-LLH	ngtdm	Contrast	0.263519278
wavelet-LLH	ngtdm	Busyness	0.076134684
wavelet-LLL	gldm	GrayLevelVariance	647.8810952
wavelet-LLL	gldm	HighGrayLevelEmphasis	4824.833696
wavelet-LLL	gldm	DependenceEntropy	7.371153248
wavelet-LLL	gldm	DependenceNonUniformity	447.326087
wavelet-LLL	gldm	GrayLevelNonUniformity	11.73478261
wavelet-LLL	gldm	SmallDependenceEmphasis	0.719693218
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2962.39174
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.486224008
wavelet-LLL	gldm	LargeDependenceEmphasis	3.010869565
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002511141
wavelet-LLL	gldm	DependenceVariance	0.728142722
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	19704.41413
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001906481
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00200239
wavelet-LLL	glcm	JointAverage	70.48487587
wavelet-LLL	glcm	SumAverage	140.9697517
wavelet-LLL	glcm	JointEntropy	10.04546093
wavelet-LLL	glcm	ClusterShade	-41016.9889
wavelet-LLL	glcm	MaximumProbability	0.004343463
wavelet-LLL	glcm	ldmn	0.966722314
wavelet-LLL	glcm	JointEnergy	0.00106683
wavelet-LLL	glcm	Contrast	439.4855324
wavelet-LLL	glcm	DifferenceEntropy	5.313347145
wavelet-LLL	glcm	InverseVariance	0.080089172
wavelet-LLL	glcm	DifferenceVariance	171.1803389
wavelet-LLL	glcm	ldn	0.880774553
wavelet-LLL	glcm	ldm	0.076062373
wavelet-LLL	glcm	Correlation	0.602260301

wavelet-LLL	glcm	Autocorrelation	5301.614926
wavelet-LLL	glcm	SumEntropy	7.03637753
wavelet-LLL	glcm	SumSquares	552.5532826
wavelet-LLL	glcm	ClusterProminence	7462025.906
wavelet-LLL	glcm	Imc2	0.996671455
wavelet-LLL	glcm	Imc1	-0.399663299
wavelet-LLL	glcm	DifferenceAverage	16.08006068
wavelet-LLL	glcm	Id	0.143703918
wavelet-LLL	glcm	ClusterTendency	1770.727598
wavelet-LLL	firstorder	InterquartileRange	1099.817529
wavelet-LLL	firstorder	Skewness	-0.331080039
wavelet-LLL	firstorder	Uniformity	0.012755198
wavelet-LLL	firstorder	Median	-682.9435809
wavelet-LLL	firstorder	Energy	885215329.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	436.4635937
wavelet-LLL	firstorder	MeanAbsoluteDeviation	549.2173601
wavelet-LLL	firstorder	TotalEnergy	23900813894
wavelet-LLL	firstorder	Maximum	353.8082522
wavelet-LLL	firstorder	RootMeanSquared	980.9131335
wavelet-LLL	firstorder	90Percentile	34.87137441
wavelet-LLL	firstorder	Minimum	-2348.699561
wavelet-LLL	firstorder	Entropy	6.446682538
wavelet-LLL	firstorder	Range	2702.507814
wavelet-LLL	firstorder	Variance	404651.985
wavelet-LLL	firstorder	10Percentile	-1657.010266
wavelet-LLL	firstorder	Kurtosis	1.985101147
wavelet-LLL	firstorder	Mean	-746.6850678
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002032474
wavelet-LLL	glrlm	GrayLevelVariance	645.9052114
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.0020368
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.012637334
wavelet-LLL	glrlm	RunVariance	0.020664932
wavelet-LLL	glrlm	GrayLevelNonUniformity	11.39809743
wavelet-LLL	glrlm	LongRunEmphasis	1.061292978
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4675.584965
wavelet-LLL	glrlm	RunLengthNonUniformity	867.4430155
wavelet-LLL	glrlm	ShortRunEmphasis	0.985247222
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5215.445008
wavelet-LLL	glrlm	RunPercentage	0.980351171
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002054362
wavelet-LLL	glrlm	RunEntropy	6.542315228
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4779.490204
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.961685211
wavelet-LLL	glszm	GrayLevelVariance	610.8276021
wavelet-LLL	glszm	ZoneVariance	0.713225949
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012138246
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.703706856
wavelet-LLL	glszm	SizeZoneNonUniformity	505.9652295
wavelet-LLL	glszm	GrayLevelNonUniformity	8.727399166
wavelet-LLL	glszm	LargeAreaEmphasis	2.350486787
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3421.423902
wavelet-LLL	glszm	ZonePercentage	0.781521739
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.002809739
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	14260.08762
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4267.292072
wavelet-LLL	glszm	SmallAreaEmphasis	0.863535355

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002473548
wavelet-LLL	glszm	ZoneEntropy	7.068752308
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002418896
wavelet-LLL	ngtdm	Coarseness	0.009415076
wavelet-LLL	ngtdm	Complexity	41079.23809
wavelet-LLL	ngtdm	Strength	37.46018356
wavelet-LLL	ngtdm	Contrast	1.192810816
wavelet-LLL	ngtdm	Busyness	0.016391828
wavelet-HHL	gldm	GrayLevelVariance	14.42975425
wavelet-HHL	gldm	HighGrayLevelEmphasis	321.5934783
wavelet-HHL	gldm	DependenceEntropy	6.12896847
wavelet-HHL	gldm	DependenceNonUniformity	173.1652174
wavelet-HHL	gldm	GrayLevelNonUniformity	79.10652174
wavelet-HHL	gldm	SmallDependenceEmphasis	0.342524948
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	115.8708697
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.188223062
wavelet-HHL	gldm	LargeDependenceEmphasis	11.99565217
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049687048
wavelet-HHL	gldm	DependenceVariance	3.357164461
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3788.321739
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002048478
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.006089962
wavelet-HHL	glcm	JointAverage	17.52399882
wavelet-HHL	glcm	SumAverage	35.04799764
wavelet-HHL	glcm	JointEntropy	7.314564455
wavelet-HHL	glcm	ClusterShade	-7.872934537
wavelet-HHL	glcm	MaximumProbability	0.024966444
wavelet-HHL	glcm	ldmn	0.98353626
wavelet-HHL	glcm	JointEnergy	0.009358879
wavelet-HHL	glcm	Contrast	29.00692255
wavelet-HHL	glcm	DifferenceEntropy	3.423860064
wavelet-HHL	glcm	InverseVariance	0.259716058
wavelet-HHL	glcm	DifferenceVariance	13.32233009
wavelet-HHL	glcm	ldn	0.917181562
wavelet-HHL	glcm	ldm	0.250634066
wavelet-HHL	glcm	Correlation	-0.034547794
wavelet-HHL	glcm	Autocorrelation	306.597872
wavelet-HHL	glcm	SumEntropy	4.279276792
wavelet-HHL	glcm	SumSquares	14.00988108
wavelet-HHL	glcm	ClusterProminence	4475.583019
wavelet-HHL	glcm	lmc2	0.718788864
wavelet-HHL	glcm	lmc1	-0.098724216
wavelet-HHL	glcm	DifferenceAverage	3.885759727
wavelet-HHL	glcm	ld	0.338376162
wavelet-HHL	glcm	ClusterTendency	27.03260178
wavelet-HHL	firstorder	InterquartileRange	107.0207085
wavelet-HHL	firstorder	Skewness	0.009159782
wavelet-HHL	firstorder	Uniformity	0.08598535
wavelet-HHL	firstorder	Median	2.942885591
wavelet-HHL	firstorder	Energy	8223883.046
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	44.33789409
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.35243749
wavelet-HHL	firstorder	TotalEnergy	222044842.2
wavelet-HHL	firstorder	Maximum	554.1880307
wavelet-HHL	firstorder	RootMeanSquared	94.54630247
wavelet-HHL	firstorder	90Percentile	107.0046453

wavelet-HHL	firstorder	Minimum	-422.8545051
wavelet-HHL	firstorder	Entropy	3.87111416
wavelet-HHL	firstorder	Range	977.0425358
wavelet-HHL	firstorder	Variance	8937.996
wavelet-HHL	firstorder	10Percentile	-112.2228321
wavelet-HHL	firstorder	Kurtosis	6.213903674
wavelet-HHL	firstorder	Mean	1.003648866
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.005941586
wavelet-HHL	grlm	GrayLevelVariance	15.146127
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.006206527
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.08287159
wavelet-HHL	grlm	RunVariance	0.094513439
wavelet-HHL	grlm	GrayLevelNonUniformity	70.54995904
wavelet-HHL	grlm	LongRunEmphasis	1.263801153
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	304.7168337
wavelet-HHL	grlm	RunLengthNonUniformity	737.5610619
wavelet-HHL	grlm	ShortRunEmphasis	0.944647385
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	405.1907283
wavelet-HHL	grlm	RunPercentage	0.92541806
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.007405632
wavelet-HHL	grlm	RunEntropy	4.279832298
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	322.1426624
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.865590949
wavelet-HHL	glszm	GrayLevelVariance	26.74726203
wavelet-HHL	glszm	ZoneVariance	41.44632234
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.060353569
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.458524878
wavelet-HHL	glszm	SizeZoneNonUniformity	157.7325581
wavelet-HHL	glszm	GrayLevelNonUniformity	20.76162791
wavelet-HHL	glszm	LargeAreaEmphasis	48.59883721
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	244.3243388
wavelet-HHL	glszm	ZonePercentage	0.373913043
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.171923414
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	15320.7093
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	334.8313953
wavelet-HHL	glszm	SmallAreaEmphasis	0.70366755
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.007397802
wavelet-HHL	glszm	ZoneEntropy	5.724247885
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003930936
wavelet-HHL	ngtdm	Coarseness	0.007083837
wavelet-HHL	ngtdm	Complexity	1171.493631
wavelet-HHL	ngtdm	Strength	2.461122162
wavelet-HHL	ngtdm	Contrast	0.096759089
wavelet-HHL	ngtdm	Busyness	0.206999474
wavelet-HLH	gldm	GrayLevelVariance	11.20888351
wavelet-HLH	gldm	HighGrayLevelEmphasis	252.8423913
wavelet-HLH	gldm	DependenceEntropy	6.07871173
wavelet-HLH	gldm	DependenceNonUniformity	153.1673913
wavelet-HLH	gldm	GrayLevelNonUniformity	89.15434783
wavelet-HLH	gldm	SmallDependenceEmphasis	0.322071301
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	86.36664435
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.166486295
wavelet-HLH	gldm	LargeDependenceEmphasis	14.87826087
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.066257827
wavelet-HLH	gldm	DependenceVariance	4.414442344
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3619.83587

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00312799
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006215403
wavelet-HLH	glcm	JointAverage	15.56216219
wavelet-HLH	glcm	SumAverage	31.12432437
wavelet-HLH	glcm	JointEntropy	7.023436623
wavelet-HLH	glcm	ClusterShade	16.36206961
wavelet-HLH	glcm	MaximumProbability	0.030573288
wavelet-HLH	glcm	ldmn	0.977069009
wavelet-HLH	glcm	JointEnergy	0.012083416
wavelet-HLH	glcm	Contrast	21.58747002
wavelet-HLH	glcm	DifferenceEntropy	3.260578216
wavelet-HLH	glcm	InverseVariance	0.29280586
wavelet-HLH	glcm	DifferenceVariance	10.0192017
wavelet-HLH	glcm	ldn	0.903748437
wavelet-HLH	glcm	ldm	0.282705373
wavelet-HLH	glcm	Correlation	-0.009045802
wavelet-HLH	glcm	Autocorrelation	242.1332699
wavelet-HLH	glcm	SumEntropy	4.131965027
wavelet-HLH	glcm	SumSquares	10.73953603
wavelet-HLH	glcm	ClusterProminence	2361.108602
wavelet-HLH	glcm	lmc2	0.68638107
wavelet-HLH	glcm	lmc1	-0.089267288
wavelet-HLH	glcm	DifferenceAverage	3.363550143
wavelet-HLH	glcm	ld	0.366824927
wavelet-HLH	glcm	ClusterTendency	21.3706741
wavelet-HLH	firstorder	InterquartileRange	88.94579131
wavelet-HLH	firstorder	Skewness	0.150954093
wavelet-HLH	firstorder	Uniformity	0.0969069
wavelet-HLH	firstorder	Median	0.091157752
wavelet-HLH	firstorder	Energy	6348465.06
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	38.64294277
wavelet-HLH	firstorder	MeanAbsoluteDeviation	61.48103723
wavelet-HLH	firstorder	TotalEnergy	171408556.6
wavelet-HLH	firstorder	Maximum	333.501471
wavelet-HLH	firstorder	RootMeanSquared	83.06928133
wavelet-HLH	firstorder	90Percentile	95.17067955
wavelet-HLH	firstorder	Minimum	-355.2443344
wavelet-HLH	firstorder	Entropy	3.72000058
wavelet-HLH	firstorder	Range	688.7458054
wavelet-HLH	firstorder	Variance	6898.575337
wavelet-HLH	firstorder	10Percentile	-96.59971285
wavelet-HLH	firstorder	Kurtosis	4.656926189
wavelet-HLH	firstorder	Mean	1.389303076
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006105999
wavelet-HLH	glrlm	GrayLevelVariance	11.91644886
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006387802
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.092608174
wavelet-HLH	glrlm	RunVariance	0.111317357
wavelet-HLH	glrlm	GrayLevelNonUniformity	77.87940768
wavelet-HLH	glrlm	LongRunEmphasis	1.309946842
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	238.0526171
wavelet-HLH	glrlm	RunLengthNonUniformity	712.1277974
wavelet-HLH	glrlm	ShortRunEmphasis	0.936046003
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	329.1681609
wavelet-HLH	glrlm	RunPercentage	0.914046823
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007745993



wavelet-HLH	glrlm	RunEntropy	4.185031788
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	253.6821792
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.846202732
wavelet-HLH	glszm	GrayLevelVariance	22.88503445
wavelet-HLH	glszm	ZoneVariance	84.26430059
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.061949207
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.485699407
wavelet-HLH	glszm	SizeZoneNonUniformity	153.4810127
wavelet-HLH	glszm	GrayLevelNonUniformity	19.57594937
wavelet-HLH	glszm	LargeAreaEmphasis	92.74050633
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	198.6789016
wavelet-HLH	glszm	ZonePercentage	0.343478261
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.403470126
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	22096.98418
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	270.4493671
wavelet-HLH	glszm	SmallAreaEmphasis	0.723678832
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.00946551
wavelet-HLH	glszm	ZoneEntropy	5.605362598
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008088769
wavelet-HLH	ngtdm	Coarseness	0.007252309
wavelet-HLH	ngtdm	Complexity	764.5104307
wavelet-HLH	ngtdm	Strength	1.76456908
wavelet-HLH	ngtdm	Contrast	0.080675006
wavelet-HLH	ngtdm	Busyness	0.257657552

Image type	Feature Class	Feature Name	
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general	info	EnabledImageTypes	{0, 1, 1, 4, 5, 4}
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROIDSize': None, u'binWidth': 25.0, 'minimumROIDDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	d
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	fc1cb6359a1d482356c58bb208a847e2afdb264
general	info	NumpyVersion	a
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	48
original	shape	Maximum2DDiameterSlice	14.69693846
original	shape	Sphericity	13.41640786
original	shape	MinorAxis	0.9309882
original	shape	Elongation	11.91588087
original	shape	SurfaceVolumeRatio	0.780783685
original	shape	Volume	0.476436415
original	shape	MajorAxis	1296
original	shape	SurfaceArea	15.26143681
original	shape	Flatness	617.4615933
original	shape	LeastAxis	0.655984116
original	shape	Maximum2DDiameterColumn	10.01126014
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original	gldm	GrayLevelVariance	13.41640786
original	gldm	HighGrayLevelEmphasis	95.62326389
original	gldm	DependenceEntropy	487.3333333
original	gldm	DependenceNonUniformity	4.704448699
original	gldm	GrayLevelNonUniformity	17.375
original	gldm	SmallDependenceEmphasis	3.125
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.614733796
original	gldm	DependenceNonUniformityNormalized	194.0927373
original	gldm	LargeDependenceEmphasis	0.361979167
original	gldm	LargeDependenceLowGrayLevelEmphasis	5.708333333
original	gldm	DependenceVariance	0.042054084
original	gldm	LargeDependenceHighGrayLevelEmphasis	1.873263889
original	gldm	SmallDependenceLowGrayLevelEmphasis	4454.416667
original	gldm	LowGrayLevelEmphasis	0.035642301
original	gldm		0.036204626

original	glcm	JointAverage	22.191963
original	glcm	SumAverage	44.383926
original	glcm	JointEntropy	5.342863491
original	glcm	ClusterShade	-1833.146425
original	glcm	MaximumProbability	0.052007612
original	glcm	Idmn	0.882855914
original	glcm	JointEnergy	0.027039101
original	glcm	Contrast	159.4535117
original	glcm	DifferenceEntropy	3.701660488
original	glcm	InverseVariance	0.182801994
original	glcm	DifferenceVariance	67.94856085
original	glcm	Idn	0.797424719
original	glcm	Idm	0.178143041
original	glcm	Correlation	0.045696554
original	glcm	Autocorrelation	496.4347948
original	glcm	SumEntropy	4.011069683
original	glcm	SumSquares	83.49191108
original	glcm	ClusterProminence	93475.04771
original	glcm	Imc2	0.995732417
original	glcm	Imc1	-0.62342342
original	glcm	DifferenceAverage	9.452117
original	glcm	Id	0.245704513
original	glcm	ClusterTendency	174.5141326
original	firstorder	InterquartileRange	418.25
original	firstorder	Skewness	-0.566549664
original	firstorder	Uniformity	0.065104167
original	firstorder	Median	-138.5
original	firstorder	Energy	5116809
original	firstorder	RobustMeanAbsoluteDeviation	176.7479224
original	firstorder	MeanAbsoluteDeviation	215.21875
original	firstorder	TotalEnergy	138153843
original	firstorder	Maximum	59
original	firstorder	RootMeanSquared	326.4968415
original	firstorder	90Percentile	34.7
original	firstorder	Minimum	-689
original	firstorder	Entropy	4.22487474
original	firstorder	Range	748
original	firstorder	Variance	59321.12109
original	firstorder	10Percentile	-593.1
original	firstorder	Kurtosis	1.833077568
original	firstorder	Mean	-217.4375
original	glrlm	ShortRunLowGrayLevelEmphasis	0.037518882
original	glrlm	GrayLevelVariance	95.97196336
original	glrlm	LowGrayLevelRunEmphasis	0.037555905
original	glrlm	GrayLevelNonUniformityNormalized	0.062294976
original	glrlm	RunVariance	0.040170504
original	glrlm	GrayLevelNonUniformity	2.881097156
original	glrlm	LongRunEmphasis	1.119607518
original	glrlm	ShortRunHighGrayLevelEmphasis	451.9354444
original	glrlm	RunLengthNonUniformity	43.00521834
original	glrlm	ShortRunEmphasis	0.971997456
original	glrlm	LongRunHighGrayLevelEmphasis	572.3842058
original	glrlm	RunPercentage	0.963141026
original	glrlm	LongRunLowGrayLevelEmphasis	0.037712436

original	glrlm	RunEntropy	4.370231263
original	glrlm	HighGrayLevelRunEmphasis	474.6576753
original	glrlm	RunLengthNonUniformityNormalized	0.929459562
original	glszm	GrayLevelVariance	90.94433594
original	glszm	ZoneVariance	1.6875
original	glszm	GrayLevelNonUniformityNormalized	0.052734375
original	glszm	SizeZoneNonUniformityNormalized	0.673828125
original	glszm	SizeZoneNonUniformity	21.5625
original	glszm	GrayLevelNonUniformity	1.6875
original	glszm	LargeAreaEmphasis	3.9375
original	glszm	SmallAreaHighGrayLevelEmphasis	231.2241753
original	glszm	ZonePercentage	0.666666667
original	glszm	LargeAreaLowGrayLevelEmphasis	0.057402868
original	glszm	LargeAreaHighGrayLevelEmphasis	2733.875
original	glszm	HighGrayLevelZoneEmphasis	341.96875
original	glszm	SmallAreaEmphasis	0.839626736
original	glszm	LowGrayLevelZoneEmphasis	0.053606379
original	glszm	ZoneEntropy	4.452819531
original	glszm	SmallAreaLowGrayLevelEmphasis	0.05333689
original	ngtdm	Coarseness	0.041429183
original	ngtdm	Complexity	2583.649644
original	ngtdm	Strength	22.72055824
original	ngtdm	Contrast	3.126406994
original	ngtdm	Busyness	0.048582841
wavelet-HHH	gldm	GrayLevelVariance	22.88888889
wavelet-HHH	gldm	HighGrayLevelEmphasis	183.3333333
wavelet-HHH	gldm	DependenceEntropy	4.534829752
wavelet-HHH	gldm	DependenceNonUniformity	15.54166667
wavelet-HHH	gldm	GrayLevelNonUniformity	3.958333333
wavelet-HHH	gldm	SmallDependenceEmphasis	0.486834491
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	94.92361111
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.323784722
wavelet-HHH	gldm	LargeDependenceEmphasis	4.583333333
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.080701122
wavelet-HHH	gldm	DependenceVariance	0.748263889
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	721.8333333
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.045222576
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.049404391
wavelet-HHH	glcm	JointAverage	12.58162107
wavelet-HHH	glcm	SumAverage	25.16324213
wavelet-HHH	glcm	JointEntropy	5.369157983
wavelet-HHH	glcm	ClusterShade	-3.022666865
wavelet-HHH	glcm	MaximumProbability	0.045051273
wavelet-HHH	glcm	Idmn	0.922100899
wavelet-HHH	glcm	JointEnergy	0.026329763
wavelet-HHH	glcm	Contrast	42.73029119
wavelet-HHH	glcm	DifferenceEntropy	3.30615204
wavelet-HHH	glcm	InverseVariance	0.155364133
wavelet-HHH	glcm	DifferenceVariance	14.54280823
wavelet-HHH	glcm	Idn	0.816870348
wavelet-HHH	glcm	Idm	0.174067821
wavelet-HHH	glcm	Correlation	-0.032197265
wavelet-HHH	glcm	Autocorrelation	157.3533576
wavelet-HHH	glcm	SumEntropy	3.82402513

wavelet-HHH	glcm	SumSquares	20.36520653
wavelet-HHH	glcm	ClusterProminence	3943.594476
wavelet-HHH	glcm	Imc2	0.98976259
wavelet-HHH	glcm	Imc1	-0.551224428
wavelet-HHH	glcm	DifferenceAverage	5.239833121
wavelet-HHH	glcm	Id	0.269168466
wavelet-HHH	glcm	ClusterTendency	38.73053492
wavelet-HHH	firstorder	InterquartileRange	158.9863257
wavelet-HHH	firstorder	Skewness	-0.317832846
wavelet-HHH	firstorder	Uniformity	0.082465278
wavelet-HHH	firstorder	Median	-11.03026279
wavelet-HHH	firstorder	Energy	703098.6588
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	74.86906626
wavelet-HHH	firstorder	MeanAbsoluteDeviation	100.3834486
wavelet-HHH	firstorder	TotalEnergy	18983663.79
wavelet-HHH	firstorder	Maximum	216.7461027
wavelet-HHH	firstorder	RootMeanSquared	121.0284625
wavelet-HHH	firstorder	90Percentile	154.1176976
wavelet-HHH	firstorder	Minimum	-298.7050585
wavelet-HHH	firstorder	Entropy	3.795914522
wavelet-HHH	firstorder	Range	515.4511612
wavelet-HHH	firstorder	Variance	14636.93355
wavelet-HHH	firstorder	10Percentile	-140.7151675
wavelet-HHH	firstorder	Kurtosis	2.76138445
wavelet-HHH	firstorder	Mean	3.309860304
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.050742837
wavelet-HHH	glrlm	GrayLevelVariance	23.31554721
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.050992574
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.081462561
wavelet-HHH	glrlm	RunVariance	0.036725424
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.766290727
wavelet-HHH	glrlm	LongRunEmphasis	1.116659659
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	179.742733
wavelet-HHH	glrlm	RunLengthNonUniformity	42.88695523
wavelet-HHH	glrlm	ShortRunEmphasis	0.970835085
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	202.7137366
wavelet-HHH	glrlm	RunPercentage	0.963141026
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.051991524
wavelet-HHH	glrlm	RunEntropy	3.910940791
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	184.3369337
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.926549152
wavelet-HHH	glszm	GrayLevelVariance	30.69387755
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.068877551
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.459183673
wavelet-HHH	glszm	SizeZoneNonUniformity	12.85714286
wavelet-HHH	glszm	GrayLevelNonUniformity	1.928571429
wavelet-HHH	glszm	LargeAreaEmphasis	4.642857143
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	137.8705053
wavelet-HHH	glszm	ZonePercentage	0.583333333
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.11038866
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	725.7142857
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	196
wavelet-HHH	glszm	SmallAreaEmphasis	0.702365768

wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.078826483
wavelet-HHH	glszm	ZoneEntropy	4.450212065
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.076546855
wavelet-HHH	ngtdm	Coarseness	0.071351838
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wavelet-HHH	ngtdm	Busyness	0.099046331
wavelet-HLL	gldm	GrayLevelVariance	147.625
wavelet-HLL	gldm	HighGrayLevelEmphasis	903.875
wavelet-HLL	gldm	DependenceEntropy	4.970175521
wavelet-HLL	gldm	DependenceNonUniformity	26.66666667
wavelet-HLL	gldm	GrayLevelNonUniformity	2
wavelet-HLL	gldm	SmallDependenceEmphasis	0.75
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	797.1875
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.555555556
wavelet-HLL	gldm	LargeDependenceEmphasis	2
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.026112422
wavelet-HLL	gldm	DependenceVariance	0.222222222
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1330.625
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.022112645
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.022912601
wavelet-HLL	glcm	JointAverage	27.33838032
wavelet-HLL	glcm	SumAverage	54.67676063
wavelet-HLL	glcm	JointEntropy	5.52581669
wavelet-HLL	glcm	ClusterShade	3109.224589
wavelet-HLL	glcm	MaximumProbability	0.039180828
wavelet-HLL	glcm	Idmn	0.942026805
wavelet-HLL	glcm	JointEnergy	0.022620582
wavelet-HLL	glcm	Contrast	201.7360825
wavelet-HLL	glcm	DifferenceEntropy	3.711456144
wavelet-HLL	glcm	InverseVariance	0.151004416
wavelet-HLL	glcm	DifferenceVariance	72.11993033
wavelet-HLL	glcm	Idn	0.848619695
wavelet-HLL	glcm	Idm	0.11147953
wavelet-HLL	glcm	Correlation	0.304100836
wavelet-HLL	glcm	Autocorrelation	792.137601
wavelet-HLL	glcm	SumEntropy	4.223776391
wavelet-HLL	glcm	SumSquares	144.7821065
wavelet-HLL	glcm	ClusterProminence	305753.4487
wavelet-HLL	glcm	Imc2	0.999598845
wavelet-HLL	glcm	Imc1	-0.791322186
wavelet-HLL	glcm	DifferenceAverage	10.81986938
wavelet-HLL	glcm	Id	0.186601376
wavelet-HLL	glcm	ClusterTendency	377.3923436
wavelet-HLL	firstorder	InterquartileRange	481.6594506
wavelet-HLL	firstorder	Skewness	0.292645104
wavelet-HLL	firstorder	Uniformity	0.041666667
wavelet-HLL	firstorder	Median	-204.636842
wavelet-HLL	firstorder	Energy	5136841.745
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	209.0228578
wavelet-HLL	firstorder	MeanAbsoluteDeviation	266.1723735
wavelet-HLL	firstorder	TotalEnergy	138694727.1
wavelet-HLL	firstorder	Maximum	545.0781699

wavelet-HLL	firstorder	RootMeanSquared	327.1353487
wavelet-HLL	firstorder	90Percentile	286.1448942
wavelet-HLL	firstorder	Minimum	-779.6323042
wavelet-HLL	firstorder	Entropy	4.740601563
wavelet-HLL	firstorder	Range	1324.710474
wavelet-HLL	firstorder	Variance	91530.58673
wavelet-HLL	firstorder	10Percentile	-436.0852179
wavelet-HLL	firstorder	Kurtosis	2.146553591
wavelet-HLL	firstorder	Mean	-124.4465734
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.023141568
wavelet-HLL	glrlm	GrayLevelVariance	148.2520978
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.023173409
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalizd	0.041645684
wavelet-HLL	glrlm	RunVariance	0.012805493
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.973457625
wavelet-HLL	glrlm	LongRunEmphasis	1.039706824
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	905.9857593
wavelet-HLL	glrlm	RunLengthNonUniformity	46.1936953
wavelet-HLL	glrlm	ShortRunEmphasis	0.990073294
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	927.098422
wavelet-HLL	glrlm	RunPercentage	0.987179487
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.023300771
wavelet-HLL	glrlm	RunEntropy	4.755434496
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	910.2082918
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.974389013
wavelet-HLL	glszm	GrayLevelVariance	155.3975
wavelet-HLL	glszm	ZoneVariance	0.16
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.04
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.68
wavelet-HLL	glszm	SizeZoneNonUniformity	27.2
wavelet-HLL	glszm	GrayLevelNonUniformity	1.6
wavelet-HLL	glszm	LargeAreaEmphasis	1.6
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	935.2875
wavelet-HLL	glszm	ZonePercentage	0.833333333
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.028775049
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1255.35
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	999.3
wavelet-HLL	glszm	SmallAreaEmphasis	0.85
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.026855156
wavelet-HLL	glszm	ZoneEntropy	4.98418372
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.026375183
wavelet-HLL	ngtdm	Coarseness	0.073208293
wavelet-HLL	ngtdm	Complexity	3770.935326
wavelet-HLL	ngtdm	Strength	54.6161123
wavelet-HLL	ngtdm	Contrast	2.529038235
wavelet-HLL	ngtdm	Busyness	0.027089052
wavelet-LHL	gldm	GrayLevelVariance	78.41493056
wavelet-LHL	gldm	HighGrayLevelEmphasis	319.9583333
wavelet-LHL	gldm	DependenceEntropy	4.522055209
wavelet-LHL	gldm	DependenceNonUniformity	17
wavelet-LHL	gldm	GrayLevelNonUniformity	3.291666667
wavelet-LHL	gldm	SmallDependenceEmphasis	0.595596065
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	172.0452199
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.354166667

wavelet-LHL	gldm	LargeDependenceEmphasis	4.666666667
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.084045913
wavelet-LHL	gldm	DependenceVariance	1.151041667
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1600.416667
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.056768885
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.059190746
wavelet-LHL	glcm	JointAverage	14.98586453
wavelet-LHL	glcm	SumAverage	29.97172906
wavelet-LHL	glcm	JointEntropy	5.406158102
wavelet-LHL	glcm	ClusterShade	677.4824561
wavelet-LHL	glcm	MaximumProbability	0.048166638
wavelet-LHL	glcm	Idmn	0.912171164
wavelet-LHL	glcm	JointEnergy	0.025467421
wavelet-LHL	glcm	Contrast	100.0404591
wavelet-LHL	glcm	DifferenceEntropy	3.58003504
wavelet-LHL	glcm	InverseVariance	0.1643599
wavelet-LHL	glcm	DifferenceVariance	40.46051627
wavelet-LHL	glcm	Idn	0.8197288
wavelet-LHL	glcm	Idm	0.167426315
wavelet-LHL	glcm	Correlation	0.339634592
wavelet-LHL	glcm	Autocorrelation	251.5577988
wavelet-LHL	glcm	SumEntropy	4.150804978
wavelet-LHL	glcm	SumSquares	76.63468324
wavelet-LHL	glcm	ClusterProminence	78251.34505
wavelet-LHL	glcm	Imc2	0.995994258
wavelet-LHL	glcm	Imc1	-0.626136293
wavelet-LHL	glcm	DifferenceAverage	7.438865034
wavelet-LHL	glcm	Id	0.249502964
wavelet-LHL	glcm	ClusterTendency	206.4982738
wavelet-LHL	firstorder	InterquartileRange	393.7931496
wavelet-LHL	firstorder	Skewness	-0.047315652
wavelet-LHL	firstorder	Uniformity	0.068576389
wavelet-LHL	firstorder	Median	-32.72068418
wavelet-LHL	firstorder	Energy	2399021.307
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	172.1541963
wavelet-LHL	firstorder	MeanAbsoluteDeviation	202.4641542
wavelet-LHL	firstorder	TotalEnergy	64773575.3
wavelet-LHL	firstorder	Maximum	313.7963741
wavelet-LHL	firstorder	RootMeanSquared	223.561201
wavelet-LHL	firstorder	90Percentile	251.6775711
wavelet-LHL	firstorder	Minimum	-389.5540375
wavelet-LHL	firstorder	Entropy	4.062179502
wavelet-LHL	firstorder	Range	703.3504116
wavelet-LHL	firstorder	Variance	49300.97335
wavelet-LHL	firstorder	10Percentile	-323.1141612
wavelet-LHL	firstorder	Kurtosis	1.491108087
wavelet-LHL	firstorder	Mean	-26.05066635
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.060874536
wavelet-LHL	glrlm	GrayLevelVariance	78.79921531
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.061044885
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.067130004
wavelet-LHL	glrlm	RunVariance	0.03357719
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.114438396
wavelet-LHL	glrlm	LongRunEmphasis	1.105486373



wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	309.2018238
wavelet-LHL	glrlm	RunLengthNonUniformity	43.29864086
wavelet-LHL	glrlm	ShortRunEmphasis	0.973628407
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	356.3595185
wavelet-LHL	glrlm	RunPercentage	0.966346154
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.061726284
wavelet-LHL	glrlm	RunEntropy	4.184454817
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	318.6333628
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.932845621
wavelet-LHL	glszm	GrayLevelVariance	83.67871094
wavelet-LHL	glszm	ZoneVariance	1.25
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.060546875
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.625
wavelet-LHL	glszm	SizeZoneNonUniformity	20
wavelet-LHL	glszm	GrayLevelNonUniformity	1.9375
wavelet-LHL	glszm	LargeAreaEmphasis	3.5
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	226.8701389
wavelet-LHL	glszm	ZonePercentage	0.666666667
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.102065063
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1208.0625
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	296.65625
wavelet-LHL	glszm	SmallAreaEmphasis	0.812612847
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.085706163
wavelet-LHL	glszm	ZoneEntropy	4.241729297
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.084711394
wavelet-LHL	ngtdm	Coarseness	0.062048021
wavelet-LHL	ngtdm	Complexity	1300.032895
wavelet-LHL	ngtdm	Strength	26.10381508
wavelet-LHL	ngtdm	Contrast	2.160142438
wavelet-LHL	ngtdm	Busyness	0.050364217
wavelet-LHH	gldm	GrayLevelVariance	42.18359375
wavelet-LHH	gldm	HighGrayLevelEmphasis	300.1875
wavelet-LHH	gldm	DependenceEntropy	4.511842188
wavelet-LHH	gldm	DependenceNonUniformity	27.79166667
wavelet-LHH	gldm	GrayLevelNonUniformity	2.541666667
wavelet-LHH	gldm	SmallDependenceEmphasis	0.788194444
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	217.4131944
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.578993056
wavelet-LHH	gldm	LargeDependenceEmphasis	2.125
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.033709997
wavelet-LHH	gldm	DependenceVariance	0.347222222
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	819.0625
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.027724441
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.02883937
wavelet-LHH	glcm	JointAverage	15.81940825
wavelet-LHH	glcm	SumAverage	31.6388165
wavelet-LHH	glcm	JointEntropy	5.556051419
wavelet-LHH	glcm	ClusterShade	-136.3035604
wavelet-LHH	glcm	MaximumProbability	0.034416324
wavelet-LHH	glcm	Idmn	0.900122243
wavelet-LHH	glcm	JointEnergy	0.021899099
wavelet-LHH	glcm	Contrast	101.7197239
wavelet-LHH	glcm	DifferenceEntropy	3.654865729
wavelet-LHH	glcm	InverseVariance	0.102249687

wavelet-LHH	glcm	DifferenceVariance	30.07798447
wavelet-LHH	glcm	Idn	0.790156657
wavelet-LHH	glcm	Idm	0.090975006
wavelet-LHH	glcm	Correlation	-0.002724048
wavelet-LHH	glcm	Autocorrelation	250.2758852
wavelet-LHH	glcm	SumEntropy	4.028204945
wavelet-LHH	glcm	SumSquares	50.66370341
wavelet-LHH	glcm	ClusterProminence	27066.62835
wavelet-LHH	glcm	Imc2	0.998872985
wavelet-LHH	glcm	Imc1	-0.714627546
wavelet-LHH	glcm	DifferenceAverage	8.27511997
wavelet-LHH	glcm	Id	0.181090218
wavelet-LHH	glcm	ClusterTendency	100.9350897
wavelet-LHH	firstorder	InterquartileRange	218.1680065
wavelet-LHH	firstorder	Skewness	-0.0581832
wavelet-LHH	firstorder	Uniformity	0.052951389
wavelet-LHH	firstorder	Median	-23.68753789
wavelet-LHH	firstorder	Energy	1290408.833
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	95.98133876
wavelet-LHH	firstorder	MeanAbsoluteDeviation	134.0322189
wavelet-LHH	firstorder	TotalEnergy	34841038.49
wavelet-LHH	firstorder	Maximum	288.7442903
wavelet-LHH	firstorder	RootMeanSquared	163.9619387
wavelet-LHH	firstorder	90Percentile	245.9402822
wavelet-LHH	firstorder	Minimum	-378.1993298
wavelet-LHH	firstorder	Entropy	4.339661719
wavelet-LHH	firstorder	Range	666.94362
wavelet-LHH	firstorder	Variance	26771.4896
wavelet-LHH	firstorder	10Percentile	-211.8542829
wavelet-LHH	firstorder	Kurtosis	2.409121758
wavelet-LHH	firstorder	Mean	-10.58431625
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.029115105
wavelet-LHH	glrlm	GrayLevelVariance	42.00574975
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.029161459
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.053087363
wavelet-LHH	glrlm	RunVariance	0.012795518
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.51548918
wavelet-LHH	glrlm	LongRunEmphasis	1.039934534
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	294.0373954
wavelet-LHH	glrlm	RunLengthNonUniformity	46.200982
wavelet-LHH	glrlm	ShortRunEmphasis	0.990016367
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	315.7789394
wavelet-LHH	glrlm	RunPercentage	0.987179487
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.029346877
wavelet-LHH	glrlm	RunEntropy	4.358517553
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	298.3857042
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.974408964
wavelet-LHH	glszm	GrayLevelVariance	41.02676978
wavelet-LHH	glszm	ZoneVariance	0.190362879
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055324212
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.744199881
wavelet-LHH	glszm	SizeZoneNonUniformity	30.51219512
wavelet-LHH	glszm	GrayLevelNonUniformity	2.268292683
wavelet-LHH	glszm	LargeAreaEmphasis	1.56097561

wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	242.045393
wavelet-LHH	glszm	ZonePercentage	0.854166667
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.035591737
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	520.9512195
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	283.1707317
wavelet-LHH	glszm	SmallAreaEmphasis	0.886856369
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.032884959
wavelet-LHH	glszm	ZoneEntropy	4.461091334
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.032248353
wavelet-LHH	ngtdm	Coarseness	0.082135814
wavelet-LHH	ngtdm	Complexity	1136.496035
wavelet-LHH	ngtdm	Strength	16.85571907
wavelet-LHH	ngtdm	Contrast	0.992542066
wavelet-LHH	ngtdm	Busyness	0.050808375
wavelet-LLH	gldm	GrayLevelVariance	233.999566
wavelet-LLH	gldm	HighGrayLevelEmphasis	1354.854167
wavelet-LLH	gldm	DependenceEntropy	5.084962501
wavelet-LLH	gldm	DependenceNonUniformity	28.54166667
wavelet-LLH	gldm	GrayLevelNonUniformity	1.583333333
wavelet-LLH	gldm	SmallDependenceEmphasis	0.793981481
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1118.84375
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.594618056
wavelet-LLH	gldm	LargeDependenceEmphasis	1.916666667
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.024001036
wavelet-LLH	gldm	DependenceVariance	0.248263889
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2339.729167
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.022054303
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.022401657
wavelet-LLH	glcm	JointAverage	32.87212215
wavelet-LLH	glcm	SumAverage	65.7442443
wavelet-LLH	glcm	JointEntropy	5.592027054
wavelet-LLH	glcm	ClusterShade	3938.014311
wavelet-LLH	glcm	MaximumProbability	0.031522432
wavelet-LLH	glcm	Idmn	0.939840863
wavelet-LLH	glcm	JointEnergy	0.021293582
wavelet-LLH	glcm	Contrast	330.1263772
wavelet-LLH	glcm	DifferenceEntropy	3.99048603
wavelet-LLH	glcm	InverseVariance	0.078293493
wavelet-LLH	glcm	DifferenceVariance	94.83256588
wavelet-LLH	glcm	Idn	0.83878079
wavelet-LLH	glcm	Idm	0.069534361
wavelet-LLH	glcm	Correlation	0.281347379
wavelet-LLH	glcm	Autocorrelation	1147.130854
wavelet-LLH	glcm	SumEntropy	4.382886419
wavelet-LLH	glcm	SumSquares	230.8364572
wavelet-LLH	glcm	ClusterProminence	740597.2551
wavelet-LLH	glcm	Imc2	0.999796996
wavelet-LLH	glcm	Imc1	-0.824427773
wavelet-LLH	glcm	DifferenceAverage	14.42614324
wavelet-LLH	glcm	Id	0.139558599
wavelet-LLH	glcm	ClusterTendency	593.2194515
wavelet-LLH	firstorder	InterquartileRange	595.1648667
wavelet-LLH	firstorder	Skewness	0.234712342
wavelet-LLH	firstorder	Uniformity	0.032986111

wavelet-LLH	firstorder	Median	-32.53441035
wavelet-LLH	firstorder	Energy	6984282.92
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	252.3866305
wavelet-LLH	firstorder	MeanAbsoluteDeviation	326.0462203
wavelet-LLH	firstorder	TotalEnergy	188575638.8
wavelet-LLH	firstorder	Maximum	868.2478936
wavelet-LLH	firstorder	RootMeanSquared	381.4523485
wavelet-LLH	firstorder	90Percentile	540.0696552
wavelet-LLH	firstorder	Minimum	-801.5008791
wavelet-LLH	firstorder	Entropy	5.027569011
wavelet-LLH	firstorder	Range	1669.748773
wavelet-LLH	firstorder	Variance	145505.7649
wavelet-LLH	firstorder	10Percentile	-421.7441217
wavelet-LLH	firstorder	Kurtosis	2.182886894
wavelet-LLH	firstorder	Mean	-0.359602053
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.022628807
wavelet-LLH	glrlm	GrayLevelVariance	234.6027027
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.022641491
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.032942012
wavelet-LLH	glrlm	RunVariance	0.014548136
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.56355701
wavelet-LLH	glrlm	LongRunEmphasis	1.038141322
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1348.63278
wavelet-LLH	glrlm	RunLengthNonUniformity	46.56500391
wavelet-LLH	glrlm	ShortRunEmphasis	0.992322715
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1397.629035
wavelet-LLH	glrlm	RunPercentage	0.988782051
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.02270908
wavelet-LLH	glrlm	RunEntropy	5.02910854
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1357.776513
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.980719054
wavelet-LLH	glszm	GrayLevelVariance	243.2433076
wavelet-LLH	glszm	ZoneVariance	0.190362879
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031528852
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.744199881
wavelet-LLH	glszm	SizeZoneNonUniformity	30.51219512
wavelet-LLH	glszm	GrayLevelNonUniformity	1.292682927
wavelet-LLH	glszm	LargeAreaEmphasis	1.56097561
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1262.719512
wavelet-LLH	glszm	ZonePercentage	0.854166667
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.02692422
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1984.853659
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1397.585366
wavelet-LLH	glszm	SmallAreaEmphasis	0.886856369
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.025932692
wavelet-LLH	glszm	ZoneEntropy	5.064869078
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025746262
wavelet-LLH	ngtdm	Coarseness	0.082963405
wavelet-LLH	ngtdm	Complexity	6155.314514
wavelet-LLH	ngtdm	Strength	87.94522184
wavelet-LLH	ngtdm	Contrast	3.270119127
wavelet-LLH	ngtdm	Busyness	0.017813065
wavelet-LLL	gldm	GrayLevelVariance	446.3958333
wavelet-LLL	gldm	HighGrayLevelEmphasis	2026.458333

wavelet-LLL	gldm	DependenceEntropy	4.970175521
wavelet-LLL	gldm	DependenceNonUniformity	33.04166667
wavelet-LLL	gldm	GrayLevelNonUniformity	1.75
wavelet-LLL	gldm	SmallDependenceEmphasis	0.856481481
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1792.734954
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.688368056
wavelet-LLL	gldm	LargeDependenceEmphasis	1.666666667
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024115377
wavelet-LLL	gldm	DependenceVariance	0.206597222
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3109.5
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.022479852
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.022795383
wavelet-LLL	glcm	JointAverage	46.11520358
wavelet-LLL	glcm	SumAverage	92.23040716
wavelet-LLL	glcm	JointEntropy	5.591549225
wavelet-LLL	glcm	ClusterShade	-3660.811922
wavelet-LLL	glcm	MaximumProbability	0.030865479
wavelet-LLL	glcm	Idmn	0.909274552
wavelet-LLL	glcm	JointEnergy	0.021246048
wavelet-LLL	glcm	Contrast	915.7194368
wavelet-LLL	glcm	DifferenceEntropy	4.262801782
wavelet-LLL	glcm	InverseVariance	0.039606244
wavelet-LLL	glcm	DifferenceVariance	292.2941064
wavelet-LLL	glcm	Idn	0.801057489
wavelet-LLL	glcm	Idm	0.039950191
wavelet-LLL	glcm	Correlation	0.073926244
wavelet-LLL	glcm	Autocorrelation	2158.148966
wavelet-LLL	glcm	SumEntropy	4.465753778
wavelet-LLL	glcm	SumSquares	487.9227987
wavelet-LLL	glcm	ClusterProminence	2886205.272
wavelet-LLL	glcm	Imc2	0.999823009
wavelet-LLL	glcm	Imc1	-0.83551343
wavelet-LLL	glcm	DifferenceAverage	24.60718682
wavelet-LLL	glcm	Id	0.091707174
wavelet-LLL	glcm	ClusterTendency	1035.971758
wavelet-LLL	firstorder	InterquartileRange	714.4350784
wavelet-LLL	firstorder	Skewness	0.31326579
wavelet-LLL	firstorder	Uniformity	0.036458333
wavelet-LLL	firstorder	Median	-847.5625829
wavelet-LLL	firstorder	Energy	45554817.11
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	292.8180075
wavelet-LLL	firstorder	MeanAbsoluteDeviation	418.8424361
wavelet-LLL	firstorder	TotalEnergy	1229980062
wavelet-LLL	firstorder	Maximum	409.6879319
wavelet-LLL	firstorder	RootMeanSquared	974.1964329
wavelet-LLL	firstorder	90Percentile	-114.5634138
wavelet-LLL	firstorder	Minimum	-1793.994863
wavelet-LLL	firstorder	Entropy	4.912782032
wavelet-LLL	firstorder	Range	2203.682795
wavelet-LLL	firstorder	Variance	278104.7497
wavelet-LLL	firstorder	10Percentile	-1519.111368
wavelet-LLL	firstorder	Kurtosis	2.535266187
wavelet-LLL	firstorder	Mean	-819.1177816
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.022952276

wavelet-LLL	glrlm	GrayLevelVariance	448.3676278
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.022964982
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.036399752
wavelet-LLL	glrlm	RunVariance	0.008009193
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.733224223
wavelet-LLL	glrlm	LongRunEmphasis	1.024549918
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2019.753001
wavelet-LLL	glrlm	RunLengthNonUniformity	46.86252046
wavelet-LLL	glrlm	ShortRunEmphasis	0.99386252
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2069.656847
wavelet-LLL	glrlm	RunPercentage	0.991987179
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.023015808
wavelet-LLL	glrlm	RunEntropy	4.920983448
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2029.73377
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.983981614
wavelet-LLL	glszm	GrayLevelVariance	474.8599243
wavelet-LLL	glszm	ZoneVariance	0.149269876
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.036235803
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.828015143
wavelet-LLL	glszm	SizeZoneNonUniformity	35.60465116
wavelet-LLL	glszm	GrayLevelNonUniformity	1.558139535
wavelet-LLL	glszm	LargeAreaEmphasis	1.395348837
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1953.919251
wavelet-LLL	glszm	ZonePercentage	0.895833333
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.025956549
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2714.697674
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2073
wavelet-LLL	glszm	SmallAreaEmphasis	0.927002584
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.025205273
wavelet-LLL	glszm	ZoneEntropy	4.926037429
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.025033604
wavelet-LLL	ngtdm	Coarseness	0.036424788
wavelet-LLL	ngtdm	Complexity	16761.74718
wavelet-LLL	ngtdm	Strength	83.88723917
wavelet-LLL	ngtdm	Contrast	13.89224599
wavelet-LLL	ngtdm	Busyness	0.031289389
wavelet-HHL	gldm	GrayLevelVariance	18.82638889
wavelet-HHL	gldm	HighGrayLevelEmphasis	110.6666667
wavelet-HHL	gldm	DependenceEntropy	4.563721876
wavelet-HHL	gldm	DependenceNonUniformity	15.125
wavelet-HHL	gldm	GrayLevelNonUniformity	4.083333333
wavelet-HHL	gldm	SmallDependenceEmphasis	0.391458333
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	47.3197338
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.315104167
wavelet-HHL	gldm	LargeDependenceEmphasis	5.625
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.629645226
wavelet-HHL	gldm	DependenceVariance	0.930555556
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	589
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013942202
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.077658747
wavelet-HHL	glcm	JointAverage	9.407013309
wavelet-HHL	glcm	SumAverage	18.81402662
wavelet-HHL	glcm	JointEntropy	5.298188341
wavelet-HHL	glcm	ClusterShade	-27.8706233

wavelet-HHL	glcm	MaximumProbability	0.047264824
wavelet-HHL	glcm	Idmn	0.918161297
wavelet-HHL	glcm	JointEnergy	0.027531959
wavelet-HHL	glcm	Contrast	37.16652883
wavelet-HHL	glcm	DifferenceEntropy	3.182218237
wavelet-HHL	glcm	InverseVariance	0.168182425
wavelet-HHL	glcm	DifferenceVariance	13.02950481
wavelet-HHL	glcm	Idn	0.814382368
wavelet-HHL	glcm	Idm	0.195558794
wavelet-HHL	glcm	Correlation	0.029893476
wavelet-HHL	glcm	Autocorrelation	89.21518384
wavelet-HHL	glcm	SumEntropy	3.780828495
wavelet-HHL	glcm	SumSquares	19.22837785
wavelet-HHL	glcm	ClusterProminence	4415.953953
wavelet-HHL	glcm	Imc2	0.98900263
wavelet-HHL	glcm	Imc1	-0.543345399
wavelet-HHL	glcm	DifferenceAverage	4.853089229
wavelet-HHL	glcm	Id	0.289243928
wavelet-HHL	glcm	ClusterTendency	39.74698256
wavelet-HHL	firstorder	InterquartileRange	143.5177256
wavelet-HHL	firstorder	Skewness	0.078224853
wavelet-HHL	firstorder	Uniformity	0.085069444
wavelet-HHL	firstorder	Median	10.09349898
wavelet-HHL	firstorder	Energy	576050.0161
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	58.72984688
wavelet-HHL	firstorder	MeanAbsoluteDeviation	86.28632201
wavelet-HHL	firstorder	TotalEnergy	15553350.43
wavelet-HHL	firstorder	Maximum	249.7377376
wavelet-HHL	firstorder	RootMeanSquared	109.5492675
wavelet-HHL	firstorder	90Percentile	131.7927557
wavelet-HHL	firstorder	Minimum	-222.9403485
wavelet-HHL	firstorder	Entropy	3.714328127
wavelet-HHL	firstorder	Range	472.6780861
wavelet-HHL	firstorder	Variance	11986.64884
wavelet-HHL	firstorder	10Percentile	-125.8474029
wavelet-HHL	firstorder	Kurtosis	2.72902533
wavelet-HHL	firstorder	Mean	3.793831586
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.071308804
wavelet-HHL	glrlm	GrayLevelVariance	18.96120275
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.075630658
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.084906872
wavelet-HHL	glrlm	RunVariance	0.044562688
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.892310531
wavelet-HHL	glrlm	LongRunEmphasis	1.144261289
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	107.3739665
wavelet-HHL	glrlm	RunLengthNonUniformity	41.84713048
wavelet-HHL	glrlm	ShortRunEmphasis	0.963934678
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	125.833264
wavelet-HHL	glrlm	RunPercentage	0.955128205
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.092918075
wavelet-HHL	glrlm	RunEntropy	3.843869637
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	111.065826
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.910874624
wavelet-HHL	glszm	GrayLevelVariance	22.81770833

wavelet-HHL	glszm	ZoneVariance	2
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.086805556
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.336805556
wavelet-HHL	glszm	SizeZoneNonUniformity	8.083333333
wavelet-HHL	glszm	GrayLevelNonUniformity	2.083333333
wavelet-HHL	glszm	LargeAreaEmphasis	6
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	72.38509188
wavelet-HHL	glszm	ZonePercentage	0.5
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.45089678
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	651.5
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	115.4583333
wavelet-HHL	glszm	SmallAreaEmphasis	0.582447562
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.059071348
wavelet-HHL	glszm	ZoneEntropy	4.136842188
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015742864
wavelet-HHL	ngtdm	Coarseness	0.085170879
wavelet-HHL	ngtdm	Complexity	336.7484249
wavelet-HHL	ngtdm	Strength	7.990375063
wavelet-HHL	ngtdm	Contrast	0.612096009
wavelet-HHL	ngtdm	Busyness	0.122836293
wavelet-HLH	gldm	GrayLevelVariance	46.99826389
wavelet-HLH	gldm	HighGrayLevelEmphasis	475.8333333
wavelet-HLH	gldm	DependenceEntropy	4.803508855
wavelet-HLH	gldm	DependenceNonUniformity	20.16666667
wavelet-HLH	gldm	GrayLevelNonUniformity	2.708333333
wavelet-HLH	gldm	SmallDependenceEmphasis	0.638888889
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	309.4930556
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.420138889
wavelet-HLH	gldm	LargeDependenceEmphasis	3
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.030533792
wavelet-HLH	gldm	DependenceVariance	0.493055556
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1322.583333
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023354951
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.024347204
wavelet-HLH	glcm	JointAverage	20.85572691
wavelet-HLH	glcm	SumAverage	41.71145382
wavelet-HLH	glcm	JointEntropy	5.497140543
wavelet-HLH	glcm	ClusterShade	-182.1729454
wavelet-HLH	glcm	MaximumProbability	0.036562058
wavelet-HLH	glcm	Idmn	0.92987223
wavelet-HLH	glcm	JointEnergy	0.023300087
wavelet-HLH	glcm	Contrast	106.4978008
wavelet-HLH	glcm	DifferenceEntropy	3.616995284
wavelet-HLH	glcm	InverseVariance	0.121225545
wavelet-HLH	glcm	DifferenceVariance	39.05885481
wavelet-HLH	glcm	Idn	0.828411397
wavelet-HLH	glcm	Idm	0.12088402
wavelet-HLH	glcm	Correlation	-0.046114362
wavelet-HLH	glcm	Autocorrelation	432.4552347
wavelet-HLH	glcm	SumEntropy	4.008305175
wavelet-HLH	glcm	SumSquares	50.53262885
wavelet-HLH	glcm	ClusterProminence	27499.27463
wavelet-HLH	glcm	Imc2	0.998340684
wavelet-HLH	glcm	Imc1	-0.694628728



wavelet-HLH	glcm	DifferenceAverage	8.098792743
wavelet-HLH	glcm	Id	0.207713198
wavelet-HLH	glcm	ClusterTendency	95.63271461
wavelet-HLH	firstorder	InterquartileRange	226.4752729
wavelet-HLH	firstorder	Skewness	-0.377974321
wavelet-HLH	firstorder	Uniformity	0.056423611
wavelet-HLH	firstorder	Median	44.90442385
wavelet-HLH	firstorder	Energy	1426046.871
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	90.02426954
wavelet-HLH	firstorder	MeanAbsoluteDeviation	132.9295907
wavelet-HLH	firstorder	TotalEnergy	38503265.5
wavelet-HLH	firstorder	Maximum	386.9767689
wavelet-HLH	firstorder	RootMeanSquared	172.3638878
wavelet-HLH	firstorder	90Percentile	233.3947957
wavelet-HLH	firstorder	Minimum	-459.149839
wavelet-HLH	firstorder	Entropy	4.28226823
wavelet-HLH	firstorder	Range	846.1266079
wavelet-HLH	firstorder	Variance	28833.53641
wavelet-HLH	firstorder	10Percentile	-159.5973858
wavelet-HLH	firstorder	Kurtosis	3.362309574
wavelet-HLH	firstorder	Mean	29.59346883
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.024800606
wavelet-HLH	glrlm	GrayLevelVariance	47.56125241
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.024853057
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.056265685
wavelet-HLH	glrlm	RunVariance	0.022351866
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.640526898
wavelet-HLH	glrlm	LongRunEmphasis	1.070946999
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	468.969881
wavelet-HLH	glrlm	RunLengthNonUniformity	44.88568859
wavelet-HLH	glrlm	ShortRunEmphasis	0.98226325
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	507.7908126
wavelet-HLH	glrlm	RunPercentage	0.977564103
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.025062859
wavelet-HLH	glrlm	RunEntropy	4.336687877
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	476.7340673
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.955296267
wavelet-HLH	glszm	GrayLevelVariance	55.44444444
wavelet-HLH	glszm	ZoneVariance	0.333333333
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.052469136
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.574074074
wavelet-HLH	glszm	SizeZoneNonUniformity	20.66666667
wavelet-HLH	glszm	GrayLevelNonUniformity	1.888888889
wavelet-HLH	glszm	LargeAreaEmphasis	2.111111111
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	379.7237654
wavelet-HLH	glszm	ZonePercentage	0.75
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.034769018
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	974.5
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	482.5555556
wavelet-HLH	glszm	SmallAreaEmphasis	0.783950617
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.031531656
wavelet-HLH	glszm	ZoneEntropy	4.836591668
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.030968713
wavelet-HLH	ngtdm	Coarseness	0.077174613

wavelet-HLH	ngtdm	Complexity	1333.739652
wavelet-HLH	ngtdm	Strength	18.83589599
wavelet-HLH	ngtdm	Contrast	1.173086507
wavelet-HLH	ngtdm	Busyness	0.042694

Image type	Feature Class	Feature Name	Value
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general	info	GeneralSettings	
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general	info	MaskHash	6354f2ac22fece298d47e5ee26554967d53183d5
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	104
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original	shape	Elongation	0.811935729
original	shape	SurfaceVolumeRatio	0.384824867
original	shape	Volume	2808
original	shape	MajorAxis	19.73206588
original	shape	SurfaceArea	1080.588228
original	shape	Flatness	0.643519499
original	shape	LeastAxis	12.69796915
original	shape	Maximum2DDiameterColumn	17.49285568
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original	gldm	GrayLevelVariance	108.303162
original	gldm	HighGrayLevelEmphasis	827.4711538
original	gldm	DependenceEntropy	5.602949665
original	gldm	DependenceNonUniformity	44.46153846
original	gldm	GrayLevelNonUniformity	3.826923077
original	gldm	SmallDependenceEmphasis	0.651308761
original	gldm	SmallDependenceHighGrayLevelEmphasis	534.8681891
original	gldm	DependenceNonUniformityNormalized	0.427514793
original	gldm	LargeDependenceEmphasis	3.038461538
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.016961428
original	gldm	DependenceVariance	0.551775148
original	gldm	LargeDependenceHighGrayLevelEmphasis	2762.586538
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012098426
original	gldm	LowGrayLevelEmphasis	0.012885227
original	glcm	JointAverage	28.22849195
original	glcm	SumAverage	56.45698391
original	glcm	JointEntropy	6.827091908
original	glcm	ClusterShade	-716.4576132
original	glcm	MaximumProbability	0.020070371
original	glcm	Idmn	0.90996557
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original	glcm	Contrast	227.203915
original	glcm	DifferenceEntropy	4.517911242
original	glcm	InverseVariance	0.101779163
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original	glcm	Idn	0.808662409
original	glcm	Idm	0.098285353
original	glcm	Correlation	0.01146354
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original	glcm	SumEntropy	5.098873345
original	glcm	SumSquares	114.8510695
original	glcm	ClusterProminence	132309.1398
original	glcm	Imc2	0.998365081
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original	glcm	Id	0.171800914
original	glcm	ClusterTendency	232.2003628
original	firstorder	InterquartileRange	471.75
original	firstorder	Skewness	-0.212676709
original	firstorder	Uniformity	0.036797337
original	firstorder	Median	-304
original	firstorder	Energy	19161865
original	firstorder	RobustMeanAbsoluteDeviation	181.2817535
original	firstorder	MeanAbsoluteDeviation	225.4497041
original	firstorder	TotalEnergy	517370355
original	firstorder	Maximum	87
original	firstorder	RootMeanSquared	429.2420086
original	firstorder	90Percentile	-2.1
original	firstorder	Minimum	-980
original	firstorder	Entropy	4.942497291
original	firstorder	Range	1067
original	firstorder	Variance	67475.35494
original	firstorder	10Percentile	-680
original	firstorder	Kurtosis	2.007405697
original	firstorder	Mean	-341.7211538
original	glrlm	ShortRunLowGrayLevelEmphasis	0.013096611
original	glrlm	GrayLevelVariance	108.287828
original	glrlm	LowGrayLevelRunEmphasis	0.013132886
original	glrlm	GrayLevelNonUniformityNormalized	0.036565776
original	glrlm	RunVariance	0.022157142
original	glrlm	GrayLevelNonUniformity	3.718783599
original	glrlm	LongRunEmphasis	1.068922188
original	glrlm	ShortRunHighGrayLevelEmphasis	810.2265382
original	glrlm	RunLengthNonUniformity	97.24014349
original	glrlm	ShortRunEmphasis	0.982769453
original	glrlm	LongRunHighGrayLevelEmphasis	887.915802
original	glrlm	RunPercentage	0.977810651
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original	glrlm	RunEntropy	5.013497055
original	glrlm	HighGrayLevelRunEmphasis	825.7643909
original	glrlm	RunLengthNonUniformityNormalized	0.955685716
original	glszm	GrayLevelVariance	108.0921053
original	glszm	ZoneVariance	0.653739612
original	glszm	GrayLevelNonUniformityNormalized	0.03566482
original	glszm	SizeZoneNonUniformityNormalized	0.609764543
original	glszm	SizeZoneNonUniformity	46.34210526
original	glszm	GrayLevelNonUniformity	2.710526316

original	glszm	LargeAreaEmphasis	2.526315789
original	glszm	SmallAreaHighGrayLevelEmphasis	664.2408626
original	glszm	ZonePercentage	0.730769231
original	glszm	LargeAreaLowGrayLevelEmphasis	0.019810834
original	glszm	LargeAreaHighGrayLevelEmphasis	2329.776316
original	glszm	HighGrayLevelZoneEmphasis	810.3421053
original	glszm	SmallAreaEmphasis	0.808479532
original	glszm	LowGrayLevelZoneEmphasis	0.016822993
original	glszm	ZoneEntropy	5.387610698
original	glszm	SmallAreaLowGrayLevelEmphasis	0.016360816
original	ngtdm	Coarseness	0.031106942
original	ngtdm	Complexity	4914.105197
original	ngtdm	Strength	18.87966117
original	ngtdm	Contrast	1.516559711
original	ngtdm	Busyness	0.042231579
wavelet-HHH	gldm	GrayLevelVariance	24.75998521
wavelet-HHH	gldm	HighGrayLevelEmphasis	262.0384615
wavelet-HHH	gldm	DependenceEntropy	5.565448372
wavelet-HHH	gldm	DependenceNonUniformity	29.88461538
wavelet-HHH	gldm	GrayLevelNonUniformity	7
wavelet-HHH	gldm	SmallDependenceEmphasis	0.515910791
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	141.8935016
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.287352071
wavelet-HHH	gldm	LargeDependenceEmphasis	6.115384615
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040916412
wavelet-HHH	gldm	DependenceVariance	1.640532544
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1466.884615
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01472511
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.016986372
wavelet-HHH	glcm	JointAverage	15.43701439
wavelet-HHH	glcm	SumAverage	30.87402878
wavelet-HHH	glcm	JointEntropy	6.501950151
wavelet-HHH	glcm	ClusterShade	-4.251588457
wavelet-HHH	glcm	MaximumProbability	0.02844516
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wavelet-HHH	glcm	JointEnergy	0.012310643
wavelet-HHH	glcm	Contrast	53.81129233
wavelet-HHH	glcm	DifferenceEntropy	3.689981603
wavelet-HHH	glcm	InverseVariance	0.178279137
wavelet-HHH	glcm	DifferenceVariance	21.80349572
wavelet-HHH	glcm	Idn	0.859670496
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wavelet-HHH	glcm	Imc2	0.980854125
wavelet-HHH	glcm	Imc1	-0.405549054
wavelet-HHH	glcm	DifferenceAverage	5.596515353
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wavelet-HHH	glcm	ClusterTendency	50.15024788
wavelet-HHH	firstorder	InterquartileRange	152.044027
wavelet-HHH	firstorder	Skewness	-0.124334328
wavelet-HHH	firstorder	Uniformity	0.067307692
wavelet-HHH	firstorder	Median	15.99518659

wavelet-HHH	firstorder	Energy	1629362.718
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	61.38696348
wavelet-HHH	firstorder	MeanAbsoluteDeviation	95.29023484
wavelet-HHH	firstorder	TotalEnergy	43992793.39
wavelet-HHH	firstorder	Maximum	395.4610263
wavelet-HHH	firstorder	RootMeanSquared	125.1676844
wavelet-HHH	firstorder	90Percentile	131.866377
wavelet-HHH	firstorder	Minimum	-362.0403022
wavelet-HHH	firstorder	Entropy	4.111289243
wavelet-HHH	firstorder	Range	757.5013284
wavelet-HHH	firstorder	Variance	15660.19755
wavelet-HHH	firstorder	10Percentile	-137.0202413
wavelet-HHH	firstorder	Kurtosis	4.191129697
wavelet-HHH	firstorder	Mean	-2.598395784
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.017390663
wavelet-HHH	grlm	GrayLevelVariance	25.57746617
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.01754734
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.066026101
wavelet-HHH	grlm	RunVariance	0.045852637
wavelet-HHH	grlm	GrayLevelNonUniformity	6.57495977
wavelet-HHH	grlm	LongRunEmphasis	1.14001135
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	255.1061906
wavelet-HHH	grlm	RunLengthNonUniformity	91.43654776
wavelet-HHH	grlm	ShortRunEmphasis	0.966750441
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	296.6663746
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wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.018201441
wavelet-HHH	grlm	RunEntropy	4.299980085
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.056191467
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.529656608
wavelet-HHH	glszm	SizeZoneNonUniformity	32.83870968
wavelet-HHH	glszm	GrayLevelNonUniformity	3.483870968
wavelet-HHH	glszm	LargeAreaEmphasis	4.774193548
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	209.4877509
wavelet-HHH	glszm	ZonePercentage	0.596153846
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.04237497
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1207.774194
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wavelet-HHH	glszm	ZoneEntropy	5.131300343
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024186977
wavelet-HHH	ngtdm	Coarseness	0.052671034
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wavelet-HHH	ngtdm	Contrast	0.387698208
wavelet-HHH	ngtdm	Busyness	0.057673788
wavelet-HLL	gldm	GrayLevelVariance	77.65153476
wavelet-HLL	gldm	HighGrayLevelEmphasis	495.9326923
wavelet-HLL	gldm	DependenceEntropy	5.581174064
wavelet-HLL	gldm	DependenceNonUniformity	39.84615385
wavelet-HLL	gldm	GrayLevelNonUniformity	4.153846154

wavelet-HLL	gldm	SmallDependenceEmphasis	0.588274573
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	290.2895967
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.383136095
wavelet-HLL	gldm	LargeDependenceEmphasis	3.461538462
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.029379702
wavelet-HLL	gldm	DependenceVariance	0.597633136
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1732.432692
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017526752
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.019184609
wavelet-HLL	glcm	JointAverage	19.97884657
wavelet-HLL	glcm	SumAverage	39.95769314
wavelet-HLL	glcm	JointEntropy	6.790282779
wavelet-HLL	glcm	ClusterShade	75.56451027
wavelet-HLL	glcm	MaximumProbability	0.021823882
wavelet-HLL	glcm	ldmn	0.92502333
wavelet-HLL	glcm	JointEnergy	0.009634153
wavelet-HLL	glcm	Contrast	133.9544054
wavelet-HLL	glcm	DifferenceEntropy	4.189536406
wavelet-HLL	glcm	InverseVariance	0.11990405
wavelet-HLL	glcm	DifferenceVariance	46.08545623
wavelet-HLL	glcm	ldn	0.822636318
wavelet-HLL	glcm	ldm	0.11663513
wavelet-HLL	glcm	Correlation	0.077160122
wavelet-HLL	glcm	Autocorrelation	405.76788
wavelet-HLL	glcm	SumEntropy	4.913245417
wavelet-HLL	glcm	SumSquares	73.40527458
wavelet-HLL	glcm	ClusterProminence	63928.4286
wavelet-HLL	glcm	lmc2	0.997919089
wavelet-HLL	glcm	lmc1	-0.578130173
wavelet-HLL	glcm	DifferenceAverage	9.161705012
wavelet-HLL	glcm	ld	0.197030111
wavelet-HLL	glcm	ClusterTendency	159.6666929
wavelet-HLL	firstorder	InterquartileRange	390.2990379
wavelet-HLL	firstorder	Skewness	-0.180063698
wavelet-HLL	firstorder	Uniformity	0.039940828
wavelet-HLL	firstorder	Median	-53.00471613
wavelet-HLL	firstorder	Energy	5324836.542
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	140.8014678
wavelet-HLL	firstorder	MeanAbsoluteDeviation	184.5021215
wavelet-HLL	firstorder	TotalEnergy	143770586.6
wavelet-HLL	firstorder	Maximum	375.5724081
wavelet-HLL	firstorder	RootMeanSquared	226.2749464
wavelet-HLL	firstorder	90Percentile	223.8683566
wavelet-HLL	firstorder	Minimum	-541.8200883
wavelet-HLL	firstorder	Entropy	4.845631581
wavelet-HLL	firstorder	Range	917.3924964
wavelet-HLL	firstorder	Variance	48480.81153
wavelet-HLL	firstorder	10Percentile	-325.0993081
wavelet-HLL	firstorder	Kurtosis	2.110031769
wavelet-HLL	firstorder	Mean	-52.1492075
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01951846
wavelet-HLL	glrlm	GrayLevelVariance	77.93824319
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.019604397
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.03966443
wavelet-HLL	glrlm	RunVariance	0.026546408
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.015032878

wavelet-HLL	glrlm	LongRunEmphasis	1.083562583
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	485.3621304
wavelet-HLL	glrlm	RunLengthNonUniformity	95.94751855
wavelet-HLL	glrlm	ShortRunEmphasis	0.979109354
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	537.6143463
wavelet-HLL	glrlm	RunPercentage	0.973372781
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.019948147
wavelet-HLL	glrlm	RunEntropy	4.929630998
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	495.8125736
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.946907184
wavelet-HLL	glszm	GrayLevelVariance	83.81770833
wavelet-HLL	glszm	ZoneVariance	0.635802469
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036651235
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.530864198
wavelet-HLL	glszm	SizeZoneNonUniformity	38.22222222
wavelet-HLL	glszm	GrayLevelNonUniformity	2.638888889
wavelet-HLL	glszm	LargeAreaEmphasis	2.722222222
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	373.809429
wavelet-HLL	glszm	ZonePercentage	0.692307692
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.032888319
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1365.875
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	495.5694444
wavelet-HLL	glszm	SmallAreaEmphasis	0.755667438
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.025906901
wavelet-HLL	glszm	ZoneEntropy	5.428479474
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.02493391
wavelet-HLL	ngtdm	Coarseness	0.04069921
wavelet-HLL	ngtdm	Complexity	3193.070272
wavelet-HLL	ngtdm	Strength	19.30640395
wavelet-HLL	ngtdm	Contrast	0.860826505
wavelet-HLL	ngtdm	Busyness	0.037197685
wavelet-LHL	gldm	GrayLevelVariance	192.5368898
wavelet-LHL	gldm	HighGrayLevelEmphasis	1553.721154
wavelet-LHL	gldm	DependenceEntropy	5.700063756
wavelet-LHL	gldm	DependenceNonUniformity	49.36538462
wavelet-LHL	gldm	GrayLevelNonUniformity	3.365384615
wavelet-LHL	gldm	SmallDependenceEmphasis	0.708501603
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1169.352329
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.47466716
wavelet-LHL	gldm	LargeDependenceEmphasis	3.134615385
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013561035
wavelet-LHL	gldm	DependenceVariance	0.767751479
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4235.586538
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01094621
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011291765
wavelet-LHL	glcm	JointAverage	36.01536744
wavelet-LHL	glcm	SumAverage	72.03073487
wavelet-LHL	glcm	JointEntropy	6.850969591
wavelet-LHL	glcm	ClusterShade	873.3909232
wavelet-LHL	glcm	MaximumProbability	0.021696912
wavelet-LHL	glcm	ldmn	0.940758134
wavelet-LHL	glcm	JointEnergy	0.009190429
wavelet-LHL	glcm	Contrast	368.2981029
wavelet-LHL	glcm	DifferenceEntropy	4.607966159
wavelet-LHL	glcm	InverseVariance	0.074301411
wavelet-LHL	glcm	DifferenceVariance	150.0886927



wavelet-LHL	glcm	Idn	0.84838579
wavelet-LHL	glcm	Idm	0.081651757
wavelet-LHL	glcm	Correlation	-0.042894831
wavelet-LHL	glcm	Autocorrelation	1290.786074
wavelet-LHL	glcm	SumEntropy	5.200469817
wavelet-LHL	glcm	SumSquares	177.5507639
wavelet-LHL	glcm	ClusterProminence	420999.7983
wavelet-LHL	glcm	Imc2	0.999327703
wavelet-LHL	glcm	Imc1	-0.653123664
wavelet-LHL	glcm	DifferenceAverage	14.18241062
wavelet-LHL	glcm	Id	0.155208809
wavelet-LHL	glcm	ClusterTendency	341.9049528
wavelet-LHL	firstorder	InterquartileRange	441.9718959
wavelet-LHL	firstorder	Skewness	-0.051957995
wavelet-LHL	firstorder	Uniformity	0.032359467
wavelet-LHL	firstorder	Median	-30.42818308
wavelet-LHL	firstorder	Energy	12663426.05
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	180.1092484
wavelet-LHL	firstorder	MeanAbsoluteDeviation	270.9318724
wavelet-LHL	firstorder	TotalEnergy	341912503.2
wavelet-LHL	firstorder	Maximum	779.5518167
wavelet-LHL	firstorder	RootMeanSquared	348.9465747
wavelet-LHL	firstorder	90Percentile	372.3657095
wavelet-LHL	firstorder	Minimum	-934.3973472
wavelet-LHL	firstorder	Entropy	5.271185305
wavelet-LHL	firstorder	Range	1713.949164
wavelet-LHL	firstorder	Variance	120231.6983
wavelet-LHL	firstorder	10Percentile	-477.7319878
wavelet-LHL	firstorder	Kurtosis	2.924684899
wavelet-LHL	firstorder	Mean	-39.14094607
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01149232
wavelet-LHL	glrlm	GrayLevelVariance	194.7429435
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.011509828
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.031987534
wavelet-LHL	glrlm	RunVariance	0.022217976
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.257619143
wavelet-LHL	glrlm	LongRunEmphasis	1.065804241
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1539.345128
wavelet-LHL	glrlm	RunLengthNonUniformity	97.82652997
wavelet-LHL	glrlm	ShortRunEmphasis	0.98440364
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1644.163223
wavelet-LHL	glrlm	RunPercentage	0.979289941
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.011582499
wavelet-LHL	glrlm	RunEntropy	5.331333244
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1559.422593
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.96004097
wavelet-LHL	glszm	GrayLevelVariance	218.521262
wavelet-LHL	glszm	ZoneVariance	0.549001677
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.029111416
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.68175583
wavelet-LHL	glszm	SizeZoneNonUniformity	55.22222222
wavelet-LHL	glszm	GrayLevelNonUniformity	2.358024691
wavelet-LHL	glszm	LargeAreaEmphasis	2.197530864
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1426.073388
wavelet-LHL	glszm	ZonePercentage	0.778846154
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.015483936

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3120.555556
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1626.160494
wavelet-LHL	glszm	SmallAreaEmphasis	0.851508916
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.014169361
wavelet-LHL	glszm	ZoneEntropy	5.617265743
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013983004
wavelet-LHL	ngtdm	Coarseness	0.039675793
wavelet-LHL	ngtdm	Complexity	11484.18252
wavelet-LHL	ngtdm	Strength	41.96403468
wavelet-LHL	ngtdm	Contrast	1.853837062
wavelet-LHL	ngtdm	Busyness	0.017245264
wavelet-LHH	gldm	GrayLevelVariance	40.74075444
wavelet-LHH	gldm	HighGrayLevelEmphasis	309.8269231
wavelet-LHH	gldm	DependenceEntropy	5.370595848
wavelet-LHH	gldm	DependenceNonUniformity	41.32692308
wavelet-LHH	gldm	GrayLevelNonUniformity	5.269230769
wavelet-LHH	gldm	SmallDependenceEmphasis	0.578325321
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	181.0357906
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.39737426
wavelet-LHH	gldm	LargeDependenceEmphasis	3.307692308
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026580149
wavelet-LHH	gldm	DependenceVariance	0.508505917
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1038.346154
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015414806
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.017214152
wavelet-LHH	glcm	JointAverage	16.57781447
wavelet-LHH	glcm	SumAverage	33.15562894
wavelet-LHH	glcm	JointEntropy	6.773056038
wavelet-LHH	glcm	ClusterShade	57.63850555
wavelet-LHH	glcm	MaximumProbability	0.01885779
wavelet-LHH	glcm	ldmn	0.943638428
wavelet-LHH	glcm	JointEnergy	0.00971199
wavelet-LHH	glcm	Contrast	83.56255309
wavelet-LHH	glcm	DifferenceEntropy	3.966874377
wavelet-LHH	glcm	InverseVariance	0.16068738
wavelet-LHH	glcm	DifferenceVariance	32.99721895
wavelet-LHH	glcm	ldn	0.847102697
wavelet-LHH	glcm	ldm	0.14023198
wavelet-LHH	glcm	Correlation	-0.017541619
wavelet-LHH	glcm	Autocorrelation	273.9811403
wavelet-LHH	glcm	SumEntropy	4.636451825
wavelet-LHH	glcm	SumSquares	40.90016526
wavelet-LHH	glcm	ClusterProminence	20552.44996
wavelet-LHH	glcm	lmc2	0.994434536
wavelet-LHH	glcm	lmc1	-0.502418068
wavelet-LHH	glcm	DifferenceAverage	7.032213877
wavelet-LHH	glcm	ld	0.228225222
wavelet-LHH	glcm	ClusterTendency	80.03810797
wavelet-LHH	firstorder	InterquartileRange	181.2806008
wavelet-LHH	firstorder	Skewness	0.241409378
wavelet-LHH	firstorder	Uniformity	0.05066568
wavelet-LHH	firstorder	Median	-12.4751897
wavelet-LHH	firstorder	Energy	2651517.141
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	82.38278229
wavelet-LHH	firstorder	MeanAbsoluteDeviation	123.9976098
wavelet-LHH	firstorder	TotalEnergy	71590962.82

wavelet-LHH	firstorder	Maximum	470.3031477
wavelet-LHH	firstorder	RootMeanSquared	159.6726562
wavelet-LHH	firstorder	90Percentile	200.9211999
wavelet-LHH	firstorder	Minimum	-376.6660674
wavelet-LHH	firstorder	Entropy	4.526524936
wavelet-LHH	firstorder	Range	846.9692152
wavelet-LHH	firstorder	Variance	25486.1016
wavelet-LHH	firstorder	10Percentile	-195.5062106
wavelet-LHH	firstorder	Kurtosis	3.314975517
wavelet-LHH	firstorder	Mean	-3.042289831
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.017480512
wavelet-LHH	grlm	GrayLevelVariance	41.36608639
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.017563492
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.050343779
wavelet-LHH	grlm	RunVariance	0.025856505
wavelet-LHH	grlm	GrayLevelNonUniformity	5.100622161
wavelet-LHH	grlm	LongRunEmphasis	1.080163185
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	303.5388195
wavelet-LHH	grlm	RunLengthNonUniformity	96.09644235
wavelet-LHH	grlm	ShortRunEmphasis	0.979959204
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	334.7538363
wavelet-LHH	grlm	RunPercentage	0.974112426
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.017895412
wavelet-LHH	grlm	RunEntropy	4.629352395
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	309.7818229
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.948286991
wavelet-LHH	glszm	GrayLevelVariance	50.69888117
wavelet-LHH	glszm	ZoneVariance	0.49691358
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.045910494
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.507330247
wavelet-LHH	glszm	SizeZoneNonUniformity	36.52777778
wavelet-LHH	glszm	GrayLevelNonUniformity	3.305555556
wavelet-LHH	glszm	LargeAreaEmphasis	2.583333333
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	230.873071
wavelet-LHH	glszm	ZonePercentage	0.692307692
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.02952633
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	812.0555556
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	309.8194444
wavelet-LHH	glszm	SmallAreaEmphasis	0.735821759
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.022985391
wavelet-LHH	glszm	ZoneEntropy	5.290977605
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.021833435
wavelet-LHH	ngtdm	Coarseness	0.051719956
wavelet-LHH	ngtdm	Complexity	1656.209037
wavelet-LHH	ngtdm	Strength	13.76737041
wavelet-LHH	ngtdm	Contrast	0.517632118
wavelet-LHH	ngtdm	Busyness	0.048295447
wavelet-LLH	gldm	GrayLevelVariance	132.6934172
wavelet-LLH	gldm	HighGrayLevelEmphasis	1054.75
wavelet-LLH	gldm	DependenceEntropy	5.583718896
wavelet-LLH	gldm	DependenceNonUniformity	58.53846154
wavelet-LLH	gldm	GrayLevelNonUniformity	3.576923077
wavelet-LLH	gldm	SmallDependenceEmphasis	0.775641026
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	813.1864316
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.562869822
wavelet-LLH	gldm	LargeDependenceEmphasis	2.153846154

wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.03222811
wavelet-LLH	gldm	DependenceVariance	0.341715976
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2350.961538
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012544447
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016437363
wavelet-LLH	glcm	JointAverage	29.51550148
wavelet-LLH	glcm	SumAverage	59.03100296
wavelet-LLH	glcm	JointEntropy	6.921549572
wavelet-LLH	glcm	ClusterShade	-984.3968278
wavelet-LLH	glcm	MaximumProbability	0.015799696
wavelet-LLH	glcm	ldmn	0.929141916
wavelet-LLH	glcm	JointEnergy	0.008474483
wavelet-LLH	glcm	Contrast	312.9165652
wavelet-LLH	glcm	DifferenceEntropy	4.583336087
wavelet-LLH	glcm	InverseVariance	0.073129495
wavelet-LLH	glcm	DifferenceVariance	110.5361978
wavelet-LLH	glcm	ldn	0.827968468
wavelet-LLH	glcm	ldm	0.068435735
wavelet-LLH	glcm	Correlation	0.055811119
wavelet-LLH	glcm	Autocorrelation	880.7994933
wavelet-LLH	glcm	SumEntropy	5.233540485
wavelet-LLH	glcm	SumSquares	165.7312204
wavelet-LLH	glcm	ClusterProminence	355305.3608
wavelet-LLH	glcm	lmc2	0.999288683
wavelet-LLH	glcm	lmc1	-0.645994489
wavelet-LLH	glcm	DifferenceAverage	13.74095007
wavelet-LLH	glcm	ld	0.141732106
wavelet-LLH	glcm	ClusterTendency	350.0083164
wavelet-LLH	firstorder	InterquartileRange	406.7469264
wavelet-LLH	firstorder	Skewness	-0.187705327
wavelet-LLH	firstorder	Uniformity	0.034393491
wavelet-LLH	firstorder	Median	-26.96383619
wavelet-LLH	firstorder	Energy	8928349.753
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	162.1317897
wavelet-LLH	firstorder	MeanAbsoluteDeviation	232.2732907
wavelet-LLH	firstorder	TotalEnergy	241065443.3
wavelet-LLH	firstorder	Maximum	650.534406
wavelet-LLH	firstorder	RootMeanSquared	293.000882
wavelet-LLH	firstorder	90Percentile	297.1961399
wavelet-LLH	firstorder	Minimum	-777.7663419
wavelet-LLH	firstorder	Entropy	5.077917368
wavelet-LLH	firstorder	Range	1428.300748
wavelet-LLH	firstorder	Variance	83040.78406
wavelet-LLH	firstorder	10Percentile	-386.526061
wavelet-LLH	firstorder	Kurtosis	2.987838711
wavelet-LLH	firstorder	Mean	-52.9974791
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016302437
wavelet-LLH	glrlm	GrayLevelVariance	132.6890583
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.016456318
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.034208127
wavelet-LLH	glrlm	RunVariance	0.013304434
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.510518873
wavelet-LLH	glrlm	LongRunEmphasis	1.040906282
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1042.722002
wavelet-LLH	glrlm	RunLengthNonUniformity	99.91309198
wavelet-LLH	glrlm	ShortRunEmphasis	0.989773429

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1099.314785
wavelet-LLH	glrlm	RunPercentage	0.986686391
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.017071844
wavelet-LLH	glrlm	RunEntropy	5.121499441
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1054.040558
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.973391132
wavelet-LLH	glszm	GrayLevelVariance	131.7233452
wavelet-LLH	glszm	ZoneVariance	0.249174263
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032104637
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.736292773
wavelet-LLH	glszm	SizeZoneNonUniformity	64.05747126
wavelet-LLH	glszm	GrayLevelNonUniformity	2.793103448
wavelet-LLH	glszm	LargeAreaEmphasis	1.67816092
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	922.3496169
wavelet-LLH	glszm	ZonePercentage	0.836538462
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.025963629
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1811.195402
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1046.264368
wavelet-LLH	glszm	SmallAreaEmphasis	0.881545338
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016532237
wavelet-LLH	glszm	ZoneEntropy	5.484505818
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014219011
wavelet-LLH	ngtdm	Coarseness	0.037616772
wavelet-LLH	ngtdm	Complexity	6765.103762
wavelet-LLH	ngtdm	Strength	30.06181663
wavelet-LLH	ngtdm	Contrast	1.44730272
wavelet-LLH	ngtdm	Busyness	0.02543819
wavelet-LLL	gldm	GrayLevelVariance	299.6419194
wavelet-LLL	gldm	HighGrayLevelEmphasis	1402.009615
wavelet-LLL	gldm	DependenceEntropy	5.844482507
wavelet-LLL	gldm	DependenceNonUniformity	59.90384615
wavelet-LLL	gldm	GrayLevelNonUniformity	2.480769231
wavelet-LLL	gldm	SmallDependenceEmphasis	0.775106838
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1160.731838
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.575998521
wavelet-LLL	gldm	LargeDependenceEmphasis	1.942307692
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.028390587
wavelet-LLL	gldm	DependenceVariance	0.232248521
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2396.009615
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.02160126
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.022946482
wavelet-LLL	glcm	JointAverage	37.64371573
wavelet-LLL	glcm	SumAverage	75.28743146
wavelet-LLL	glcm	JointEntropy	6.951197191
wavelet-LLL	glcm	ClusterShade	3294.029068
wavelet-LLL	glcm	MaximumProbability	0.014734935
wavelet-LLL	glcm	ldmn	0.937952042
wavelet-LLL	glcm	JointEnergy	0.008245417
wavelet-LLL	glcm	Contrast	453.260546
wavelet-LLL	glcm	DifferenceEntropy	4.812798798
wavelet-LLL	glcm	InverseVariance	0.060952882
wavelet-LLL	glcm	DifferenceVariance	160.2794694
wavelet-LLL	glcm	ldn	0.836097309
wavelet-LLL	glcm	ldm	0.056345421
wavelet-LLL	glcm	Correlation	0.251908353
wavelet-LLL	glcm	Autocorrelation	1491.548862

wavelet-LLL	glcm	SumEntropy	5.472527065
wavelet-LLL	glcm	SumSquares	300.8398244
wavelet-LLL	glcm	ClusterProminence	1381157.098
wavelet-LLL	glcm	Imc2	0.999813858
wavelet-LLL	glcm	Imc1	-0.725807561
wavelet-LLL	glcm	DifferenceAverage	16.89211847
wavelet-LLL	glcm	Id	0.122044178
wavelet-LLL	glcm	ClusterTendency	750.0987517
wavelet-LLL	firstorder	InterquartileRange	543.9167647
wavelet-LLL	firstorder	Skewness	0.318065037
wavelet-LLL	firstorder	Uniformity	0.02385355
wavelet-LLL	firstorder	Median	-1102.279815
wavelet-LLL	firstorder	Energy	135766713.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	248.0883604
wavelet-LLL	firstorder	MeanAbsoluteDeviation	352.0795176
wavelet-LLL	firstorder	TotalEnergy	3665701259
wavelet-LLL	firstorder	Maximum	69.82975856
wavelet-LLL	firstorder	RootMeanSquared	1142.562544
wavelet-LLL	firstorder	90Percentile	-413.4367318
wavelet-LLL	firstorder	Minimum	-1855.404034
wavelet-LLL	firstorder	Entropy	5.580213819
wavelet-LLL	firstorder	Range	1925.233793
wavelet-LLL	firstorder	Variance	187002.944
wavelet-LLL	firstorder	10Percentile	-1626.325827
wavelet-LLL	firstorder	Kurtosis	2.507566645
wavelet-LLL	firstorder	Mean	-1057.566179
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.023098975
wavelet-LLL	glrlm	GrayLevelVariance	300.1370881
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.02315334
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.023823909
wavelet-LLL	glrlm	RunVariance	0.011821512
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.448501055
wavelet-LLL	glrlm	LongRunEmphasis	1.036521229
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1396.500366
wavelet-LLL	glrlm	RunLengthNonUniformity	100.3782924
wavelet-LLL	glrlm	ShortRunEmphasis	0.990869693
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1444.879554
wavelet-LLL	glrlm	RunPercentage	0.98816568
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.023370799
wavelet-LLL	glrlm	RunEntropy	5.598135995
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1406.176203
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.976356976
wavelet-LLL	glszm	GrayLevelVariance	306.9203254
wavelet-LLL	glszm	ZoneVariance	0.171487603
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.022985537
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.713584711
wavelet-LLL	glszm	SizeZoneNonUniformity	62.79545455
wavelet-LLL	glszm	GrayLevelNonUniformity	2.022727273
wavelet-LLL	glszm	LargeAreaEmphasis	1.568181818
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1323.467172
wavelet-LLL	glszm	ZonePercentage	0.846153846
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.029285631
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2058.738636
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1463.693182
wavelet-LLL	glszm	SmallAreaEmphasis	0.870580808
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.026051849

wavelet-LLL	glszm	ZoneEntropy	5.811482187
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.025262082
wavelet-LLL	ngtdm	Coarseness	0.038102018
wavelet-LLL	ngtdm	Complexity	16424.05026
wavelet-LLL	ngtdm	Strength	62.88869664
wavelet-LLL	ngtdm	Contrast	2.287933491
wavelet-LLL	ngtdm	Busyness	0.019290944
wavelet-HHL	gldm	GrayLevelVariance	38.94193787
wavelet-HHL	gldm	HighGrayLevelEmphasis	590.2884615
wavelet-HHL	gldm	DependenceEntropy	5.362377069
wavelet-HHL	gldm	DependenceNonUniformity	40.26923077
wavelet-HHL	gldm	GrayLevelNonUniformity	6.576923077
wavelet-HHL	gldm	SmallDependenceEmphasis	0.608758013
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	357.1980529
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.387204142
wavelet-HHL	gldm	LargeDependenceEmphasis	3.596153846
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01658821
wavelet-HHL	gldm	DependenceVariance	0.732248521
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2101.480769
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011220776
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.011914814
wavelet-HHL	glcm	JointAverage	23.57042001
wavelet-HHL	glcm	SumAverage	47.14084001
wavelet-HHL	glcm	JointEntropy	6.667839629
wavelet-HHL	glcm	ClusterShade	-143.4702766
wavelet-HHL	glcm	MaximumProbability	0.029348798
wavelet-HHL	glcm	ldmn	0.958596979
wavelet-HHL	glcm	JointEnergy	0.010949742
wavelet-HHL	glcm	Contrast	100.2976956
wavelet-HHL	glcm	DifferenceEntropy	3.950679924
wavelet-HHL	glcm	InverseVariance	0.16300556
wavelet-HHL	glcm	DifferenceVariance	44.55332743
wavelet-HHL	glcm	ldn	0.872192501
wavelet-HHL	glcm	ldm	0.143147533
wavelet-HHL	glcm	Correlation	-0.014027219
wavelet-HHL	glcm	Autocorrelation	555.0568008
wavelet-HHL	glcm	SumEntropy	4.608115312
wavelet-HHL	glcm	SumSquares	49.62424884
wavelet-HHL	glcm	ClusterProminence	40297.70814
wavelet-HHL	glcm	lmc2	0.994124099
wavelet-HHL	glcm	lmc1	-0.50407819
wavelet-HHL	glcm	DifferenceAverage	7.346866464
wavelet-HHL	glcm	ld	0.231180743
wavelet-HHL	glcm	ClusterTendency	98.19929973
wavelet-HHL	firstorder	InterquartileRange	146.1302709
wavelet-HHL	firstorder	Skewness	-0.253507587
wavelet-HHL	firstorder	Uniformity	0.063239645
wavelet-HHL	firstorder	Median	-2.929006499
wavelet-HHL	firstorder	Energy	2537069.155
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	66.45717745
wavelet-HHL	firstorder	MeanAbsoluteDeviation	112.3251718
wavelet-HHL	firstorder	TotalEnergy	68500867.18
wavelet-HHL	firstorder	Maximum	547.6142201
wavelet-HHL	firstorder	RootMeanSquared	156.1886543
wavelet-HHL	firstorder	90Percentile	176.3826366
wavelet-HHL	firstorder	Minimum	-557.7140046

wavelet-HHL	firstorder	Entropy	4.34773242
wavelet-HHL	firstorder	Range	1105.328225
wavelet-HHL	firstorder	Variance	24394.82057
wavelet-HHL	firstorder	10Percentile	-211.2126388
wavelet-HHL	firstorder	Kurtosis	4.981022784
wavelet-HHL	firstorder	Mean	-0.274139922
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012158407
wavelet-HHL	glrlm	GrayLevelVariance	39.77934945
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.012193724
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.062031429
wavelet-HHL	glrlm	RunVariance	0.029653394
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.280510856
wavelet-HHL	glrlm	LongRunEmphasis	1.085693548
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	578.7395507
wavelet-HHL	glrlm	RunLengthNonUniformity	96.16746563
wavelet-HHL	glrlm	ShortRunEmphasis	0.980277889
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	640.7084266
wavelet-HHL	glrlm	RunPercentage	0.973372781
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.012346882
wavelet-HHL	glrlm	RunEntropy	4.468912896
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	590.3489918
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.949647379
wavelet-HHL	glszm	GrayLevelVariance	52.656219
wavelet-HHL	glszm	ZoneVariance	1.37552073
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.048204721
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.588176949
wavelet-HHL	glszm	SizeZoneNonUniformity	41.76056338
wavelet-HHL	glszm	GrayLevelNonUniformity	3.422535211
wavelet-HHL	glszm	LargeAreaEmphasis	3.521126761
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	464.4246327
wavelet-HHL	glszm	ZonePercentage	0.682692308
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.021173874
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2043.830986
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	588.1549296
wavelet-HHL	glszm	SmallAreaEmphasis	0.795044775
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.016628015
wavelet-HHL	glszm	ZoneEntropy	5.272780042
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016267158
wavelet-HHL	ngtdm	Coarseness	0.057873541
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wavelet-HHL	ngtdm	Contrast	0.446810883
wavelet-HHL	ngtdm	Busyness	0.025154277
wavelet-HLH	gldm	GrayLevelVariance	52.46116864
wavelet-HLH	gldm	HighGrayLevelEmphasis	780.4230769
wavelet-HLH	gldm	DependenceEntropy	5.441844978
wavelet-HLH	gldm	DependenceNonUniformity	34.84615385
wavelet-HLH	gldm	GrayLevelNonUniformity	6.403846154
wavelet-HLH	gldm	SmallDependenceEmphasis	0.539463141
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	449.0523504
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.335059172
wavelet-HLH	gldm	LargeDependenceEmphasis	4.576923077
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.017843043
wavelet-HLH	gldm	DependenceVariance	1.025147929
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3306.557692
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010662906



wavelet-HLH	gldm	LowGrayLevelEmphasis	0.011588333
wavelet-HLH	glcm	JointAverage	27.13329019
wavelet-HLH	glcm	SumAverage	54.26658037
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wavelet-HLH	glcm	ClusterShade	-138.2385945
wavelet-HLH	glcm	MaximumProbability	0.030461786
wavelet-HLH	glcm	ldmn	0.961155517
wavelet-HLH	glcm	JointEnergy	0.011547301
wavelet-HLH	glcm	Contrast	104.6743543
wavelet-HLH	glcm	DifferenceEntropy	3.95783295
wavelet-HLH	glcm	InverseVariance	0.161846473
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wavelet-HLH	glcm	Autocorrelation	736.3627928
wavelet-HLH	glcm	SumEntropy	4.624014938
wavelet-HLH	glcm	SumSquares	52.38848146
wavelet-HLH	glcm	ClusterProminence	58160.1799
wavelet-HLH	glcm	lmc2	0.992586782
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wavelet-HLH	glcm	DifferenceAverage	7.273131503
wavelet-HLH	glcm	ld	0.243574329
wavelet-HLH	glcm	ClusterTendency	104.8795715
wavelet-HLH	firstorder	InterquartileRange	142.5289581
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wavelet-HLH	firstorder	Uniformity	0.061575444
wavelet-HLH	firstorder	Median	-23.43524099
wavelet-HLH	firstorder	Energy	3430070.035
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	67.3122206
wavelet-HLH	firstorder	MeanAbsoluteDeviation	124.0729921
wavelet-HLH	firstorder	TotalEnergy	92611890.95
wavelet-HLH	firstorder	Maximum	490.2748928
wavelet-HLH	firstorder	RootMeanSquared	181.6079366
wavelet-HLH	firstorder	90Percentile	201.9643879
wavelet-HLH	firstorder	Minimum	-667.3915477
wavelet-HLH	firstorder	Entropy	4.391131244
wavelet-HLH	firstorder	Range	1157.66644
wavelet-HLH	firstorder	Variance	32856.0447
wavelet-HLH	firstorder	10Percentile	-188.5940385
wavelet-HLH	firstorder	Kurtosis	5.372102257
wavelet-HLH	firstorder	Mean	-11.19812252
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011884404
wavelet-HLH	glrlm	GrayLevelVariance	53.73899606
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.011933502
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.059965971
wavelet-HLH	glrlm	RunVariance	0.033960833
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.02529159
wavelet-HLH	glrlm	LongRunEmphasis	1.106304842
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	763.9198176
wavelet-HLH	glrlm	RunLengthNonUniformity	93.67816135
wavelet-HLH	glrlm	ShortRunEmphasis	0.97342379
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	858.5430532
wavelet-HLH	glrlm	RunPercentage	0.965976331
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.012129892
wavelet-HLH	glrlm	RunEntropy	4.5445354

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	782.8444647
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.932078335
wavelet-HLH	glszm	GrayLevelVariance	71.63544536
wavelet-HLH	glszm	ZoneVariance	1.153351699
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.044077135
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.505050505
wavelet-HLH	glszm	SizeZoneNonUniformity	33.33333333
wavelet-HLH	glszm	GrayLevelNonUniformity	2.909090909
wavelet-HLH	glszm	LargeAreaEmphasis	3.636363636
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	626.4099327
wavelet-HLH	glszm	ZonePercentage	0.634615385
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.021783915
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2700.151515
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	817.0909091
wavelet-HLH	glszm	SmallAreaEmphasis	0.737058081
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.017153033
wavelet-HLH	glszm	ZoneEntropy	5.331976695
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016569575
wavelet-HLH	ngtdm	Coarseness	0.0575114
wavelet-HLH	ngtdm	Complexity	2056.903482
wavelet-HLH	ngtdm	Strength	20.82715131
wavelet-HLH	ngtdm	Contrast	0.606181839
wavelet-HLH	ngtdm	Busyness	0.022036767

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	114
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original	shape	Maximum2DDiameterSlice	20.1246118
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original	shape	Elongation	0.75387029
original	shape	SurfaceVolumeRatio	0.374038476
original	shape	Volume	3078
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original	shape	Flatness	0.678577066
original	shape	LeastAxis	14.00084462
original	shape	Maximum2DDiameterColumn	16.15549442
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original	gldm	GrayLevelVariance	105.9972299
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original	gldm	DependenceEntropy	5.605579462
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original	gldm	GrayLevelNonUniformity	5.035087719
original	gldm	SmallDependenceEmphasis	0.583365619
original	gldm	SmallDependenceHighGrayLevelEmphasis	312.9836964
original	gldm	DependenceNonUniformityNormalized	0.348261003
original	gldm	LargeDependenceEmphasis	5.456140351
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.017803371
original	gldm	DependenceVariance	1.731917513
original	gldm	LargeDependenceHighGrayLevelEmphasis	6002.719298
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012241666
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original	glcm	JointAverage	27.66422248
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original	glcm	ClusterShade	-1840.566522
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original	glcm	Idmn	0.923534502
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original	glcm	Idn	0.827930984
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original	glcm	Correlation	0.201350467
original	glcm	Autocorrelation	784.8228434
original	glcm	SumEntropy	5.000381719
original	glcm	SumSquares	92.32925482
original	glcm	ClusterProminence	125998.3103
original	glcm	Imc2	0.994256605
original	glcm	Imc1	-0.500789837
original	glcm	DifferenceAverage	9.24891241
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original	glcm	ClusterTendency	222.8780476
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original	firstorder	Uniformity	0.044167436
original	firstorder	Median	-279.5
original	firstorder	Energy	17171736
original	firstorder	RobustMeanAbsoluteDeviation	185.1906173
original	firstorder	MeanAbsoluteDeviation	226.9412127
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original	firstorder	90Percentile	6.1
original	firstorder	Minimum	-877
original	firstorder	Entropy	4.780289736
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original	firstorder	Variance	66630.98677
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original	firstorder	Kurtosis	1.870962191
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.013315227
original	glrlm	GrayLevelVariance	105.7411813
original	glrlm	LowGrayLevelRunEmphasis	0.013350004
original	glrlm	GrayLevelNonUniformityNormalized	0.042574182
original	glrlm	RunVariance	0.04142705
original	glrlm	GrayLevelNonUniformity	4.682165343
original	glrlm	LongRunEmphasis	1.11839753
original	glrlm	ShortRunHighGrayLevelEmphasis	684.6909151
original	glrlm	RunLengthNonUniformity	102.6913381
original	glrlm	ShortRunEmphasis	0.973603436
original	glrlm	LongRunHighGrayLevelEmphasis	847.1076807
original	glrlm	RunPercentage	0.964237517
original	glrlm	LongRunLowGrayLevelEmphasis	0.013498864
original	glrlm	RunEntropy	4.925521685
original	glrlm	HighGrayLevelRunEmphasis	713.8064966
original	glrlm	RunLengthNonUniformityNormalized	0.933508477
original	glszm	GrayLevelVariance	94.59240321
original	glszm	ZoneVariance	2.464572681
original	glszm	GrayLevelNonUniformityNormalized	0.03725347
original	glszm	SizeZoneNonUniformityNormalized	0.601168736
original	glszm	SizeZoneNonUniformity	44.48648649
original	glszm	GrayLevelNonUniformity	2.756756757
original	glszm	LargeAreaEmphasis	4.837837838
original	glszm	SmallAreaHighGrayLevelEmphasis	391.0668285
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.023197817
original	glszm	LargeAreaHighGrayLevelEmphasis	5152.621622

original	glszm	HighGrayLevelZoneEmphasis	552.7837838
original	glszm	SmallAreaEmphasis	0.802620858
original	glszm	LowGrayLevelZoneEmphasis	0.019108008
original	glszm	ZoneEntropy	5.315683562
original	glszm	SmallAreaLowGrayLevelEmphasis	0.018692223
original	ngtdm	Coarseness	0.029493402
original	ngtdm	Complexity	3850.651323
original	ngtdm	Strength	19.94149524
original	ngtdm	Contrast	1.281131148
original	ngtdm	Busyness	0.036913355
wavelet-HHH	gldm	GrayLevelVariance	8.573099415
wavelet-HHH	gldm	HighGrayLevelEmphasis	95.68421053
wavelet-HHH	gldm	DependenceEntropy	5.165230945
wavelet-HHH	gldm	DependenceNonUniformity	25.14035088
wavelet-HHH	gldm	GrayLevelNonUniformity	12.29824561
wavelet-HHH	gldm	SmallDependenceEmphasis	0.36518618
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	38.08924419
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.220529394
wavelet-HHH	gldm	LargeDependenceEmphasis	9.052631579
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.13163859
wavelet-HHH	gldm	DependenceVariance	2.127423823
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	829.9824561
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018658307
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.027792382
wavelet-HHH	glcm	JointAverage	9.394645007
wavelet-HHH	glcm	SumAverage	18.78929001
wavelet-HHH	glcm	JointEntropy	6.104185102
wavelet-HHH	glcm	ClusterShade	-3.133348542
wavelet-HHH	glcm	MaximumProbability	0.04750933
wavelet-HHH	glcm	Idmn	0.947729016
wavelet-HHH	glcm	JointEnergy	0.017648474
wavelet-HHH	glcm	Contrast	17.81485138
wavelet-HHH	glcm	DifferenceEntropy	3.083538737
wavelet-HHH	glcm	InverseVariance	0.274320347
wavelet-HHH	glcm	DifferenceVariance	6.798939357
wavelet-HHH	glcm	Idn	0.850816438
wavelet-HHH	glcm	Idm	0.263063254
wavelet-HHH	glcm	Correlation	-0.026449269
wavelet-HHH	glcm	Autocorrelation	88.03832565
wavelet-HHH	glcm	SumEntropy	3.819081018
wavelet-HHH	glcm	SumSquares	8.680714559
wavelet-HHH	glcm	ClusterProminence	895.4371428
wavelet-HHH	glcm	Imc2	0.914958246
wavelet-HHH	glcm	Imc1	-0.261498773
wavelet-HHH	glcm	DifferenceAverage	3.290943478
wavelet-HHH	glcm	Id	0.352678947
wavelet-HHH	glcm	ClusterTendency	16.90800686
wavelet-HHH	firstorder	InterquartileRange	80.88051528
wavelet-HHH	firstorder	Skewness	-0.080691027
wavelet-HHH	firstorder	Uniformity	0.107879347
wavelet-HHH	firstorder	Median	-3.259311299
wavelet-HHH	firstorder	Energy	602957.1115
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	35.22078162
wavelet-HHH	firstorder	MeanAbsoluteDeviation	55.09078866
wavelet-HHH	firstorder	TotalEnergy	16279842.01
wavelet-HHH	firstorder	Maximum	193.0923407
wavelet-HHH	firstorder	RootMeanSquared	72.72618146
wavelet-HHH	firstorder	90Percentile	77.67024954
wavelet-HHH	firstorder	Minimum	-203.5071792

wavelet-HHH	firstorder	Entropy	3.507387969
wavelet-HHH	firstorder	Range	396.5995199
wavelet-HHH	firstorder	Variance	5273.755405
wavelet-HHH	firstorder	10Percentile	-86.85608563
wavelet-HHH	firstorder	Kurtosis	3.692622652
wavelet-HHH	firstorder	Mean	-3.916894655
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028098677
wavelet-HHH	glrlm	GrayLevelVariance	8.923627933
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.028761445
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.105149696
wavelet-HHH	glrlm	RunVariance	0.066690818
wavelet-HHH	glrlm	GrayLevelNonUniformity	11.23705973
wavelet-HHH	glrlm	LongRunEmphasis	1.206702963
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	91.48887153
wavelet-HHH	glrlm	RunLengthNonUniformity	93.99595351
wavelet-HHH	glrlm	ShortRunEmphasis	0.950721039
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	114.7876865
wavelet-HHH	glrlm	RunPercentage	0.937246964
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.031533619
wavelet-HHH	glrlm	RunEntropy	3.79867693
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	95.99171327
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.878830379
wavelet-HHH	glszm	GrayLevelVariance	14.76301541
wavelet-HHH	glszm	ZoneVariance	6.138275718
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.082049146
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.404414827
wavelet-HHH	glszm	SizeZoneNonUniformity	19.81632653
wavelet-HHH	glszm	GrayLevelNonUniformity	4.020408163
wavelet-HHH	glszm	LargeAreaEmphasis	11.55102041
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	71.20162385
wavelet-HHH	glszm	ZonePercentage	0.429824561
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.183265112
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1042.612245
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	102.5102041
wavelet-HHH	glszm	SmallAreaEmphasis	0.656071549
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.04594199
wavelet-HHH	glszm	ZoneEntropy	4.74216112
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.040418165
wavelet-HHH	ngtdm	Coarseness	0.053727278
wavelet-HHH	ngtdm	Complexity	246.5442633
wavelet-HHH	ngtdm	Strength	4.113489889
wavelet-HHH	ngtdm	Contrast	0.149382795
wavelet-HHH	ngtdm	Busyness	0.112052555
wavelet-HLL	gldm	GrayLevelVariance	79.95106187
wavelet-HLL	gldm	HighGrayLevelEmphasis	499.122807
wavelet-HLL	gldm	DependenceEntropy	5.852412492
wavelet-HLL	gldm	DependenceNonUniformity	37.70175439
wavelet-HLL	gldm	GrayLevelNonUniformity	4.578947368
wavelet-HLL	gldm	SmallDependenceEmphasis	0.553089669
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	277.0298489
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.330717144
wavelet-HLL	gldm	LargeDependenceEmphasis	4.666666667
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03413201
wavelet-HLL	gldm	DependenceVariance	1.076638966
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2127.982456
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012265955
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014261186
wavelet-HLL	glcm	JointAverage	19.86335042
wavelet-HLL	glcm	SumAverage	39.72670084

wavelet-HLL	glcm	JointEntropy	6.862293896
wavelet-HLL	glcm	ClusterShade	637.0146615
wavelet-HLL	glcm	MaximumProbability	0.020517446
wavelet-HLL	glcm	Idmn	0.95137475
wavelet-HLL	glcm	JointEnergy	0.009255139
wavelet-HLL	glcm	Contrast	73.11020682
wavelet-HLL	glcm	DifferenceEntropy	3.858874606
wavelet-HLL	glcm	InverseVariance	0.15040895
wavelet-HLL	glcm	DifferenceVariance	25.22787136
wavelet-HLL	glcm	Idn	0.855853777
wavelet-HLL	glcm	Idm	0.147119801
wavelet-HLL	glcm	Correlation	0.524382847
wavelet-HLL	glcm	Autocorrelation	437.1972039
wavelet-HLL	glcm	SumEntropy	5.097496213
wavelet-HLL	glcm	SumSquares	78.81114518
wavelet-HLL	glcm	ClusterProminence	105436.2359
wavelet-HLL	glcm	Imc2	0.997274374
wavelet-HLL	glcm	Imc1	-0.553844645
wavelet-HLL	glcm	DifferenceAverage	6.671690932
wavelet-HLL	glcm	Id	0.236902813
wavelet-HLL	glcm	ClusterTendency	242.1343739
wavelet-HLL	firstorder	InterquartileRange	408.5268969
wavelet-HLL	firstorder	Skewness	0.012353399
wavelet-HLL	firstorder	Uniformity	0.040166205
wavelet-HLL	firstorder	Median	-68.9301592
wavelet-HLL	firstorder	Energy	6348253.215
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	157.3379324
wavelet-HLL	firstorder	MeanAbsoluteDeviation	195.8212092
wavelet-HLL	firstorder	TotalEnergy	171402836.8
wavelet-HLL	firstorder	Maximum	319.6342571
wavelet-HLL	firstorder	RootMeanSquared	235.9797273
wavelet-HLL	firstorder	90Percentile	224.8308512
wavelet-HLL	firstorder	Minimum	-551.4195606
wavelet-HLL	firstorder	Entropy	4.80957009
wavelet-HLL	firstorder	Range	871.0538177
wavelet-HLL	firstorder	Variance	49799.75421
wavelet-HLL	firstorder	10Percentile	-348.6689368
wavelet-HLL	firstorder	Kurtosis	1.806354638
wavelet-HLL	firstorder	Mean	-76.72468637
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.014466223
wavelet-HLL	glrlm	GrayLevelVariance	79.64925506
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.014600494
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.03958096
wavelet-HLL	glrlm	RunVariance	0.038737886
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.357533024
wavelet-HLL	glrlm	LongRunEmphasis	1.113743061
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	488.2090696
wavelet-HLL	glrlm	RunLengthNonUniformity	102.9245324
wavelet-HLL	glrlm	ShortRunEmphasis	0.973664683
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	557.4108339
wavelet-HLL	glrlm	RunPercentage	0.965587045
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.015144437
wavelet-HLL	glrlm	RunEntropy	4.933993461
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	499.9909833
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.933777373
wavelet-HLL	glszm	GrayLevelVariance	79.86959877
wavelet-HLL	glszm	ZoneVariance	1.409722222
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035493827
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.547839506

wavelet-HLL	glszm	SizeZoneNonUniformity	39.44444444
wavelet-HLL	glszm	GrayLevelNonUniformity	2.555555556
wavelet-HLL	glszm	LargeAreaEmphasis	3.916666667
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	383.3636188
wavelet-HLL	glszm	ZonePercentage	0.631578947
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.035369102
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1801.138889
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	505.8333333
wavelet-HLL	glszm	SmallAreaEmphasis	0.762925347
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.019924521
wavelet-HLL	glszm	ZoneEntropy	5.503258335
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.018955835
wavelet-HLL	ngtdm	Coarseness	0.056005801
wavelet-HLL	ngtdm	Complexity	1733.032728
wavelet-HLL	ngtdm	Strength	25.52485948
wavelet-HLL	ngtdm	Contrast	0.610867983
wavelet-HLL	ngtdm	Busyness	0.033834831
wavelet-LHL	gldm	GrayLevelVariance	67.60541705
wavelet-LHL	gldm	HighGrayLevelEmphasis	405.6491228
wavelet-LHL	gldm	DependenceEntropy	5.687552952
wavelet-LHL	gldm	DependenceNonUniformity	44.57894737
wavelet-LHL	gldm	GrayLevelNonUniformity	4.719298246
wavelet-LHL	gldm	SmallDependenceEmphasis	0.614887914
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	253.8533748
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.391043398
wavelet-LHL	gldm	LargeDependenceEmphasis	3.561403509
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.028360566
wavelet-LHL	gldm	DependenceVariance	0.724838412
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1366.473684
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016395001
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017939434
wavelet-LHL	glcm	JointAverage	17.81720524
wavelet-LHL	glcm	SumAverage	35.63441047
wavelet-LHL	glcm	JointEntropy	6.875750175
wavelet-LHL	glcm	ClusterShade	1488.339499
wavelet-LHL	glcm	MaximumProbability	0.018682758
wavelet-LHL	glcm	Idmn	0.959840114
wavelet-LHL	glcm	JointEnergy	0.009125355
wavelet-LHL	glcm	Contrast	80.9972661
wavelet-LHL	glcm	DifferenceEntropy	3.941670472
wavelet-LHL	glcm	InverseVariance	0.144012001
wavelet-LHL	glcm	DifferenceVariance	29.45518629
wavelet-LHL	glcm	Idn	0.866633023
wavelet-LHL	glcm	Idm	0.129998166
wavelet-LHL	glcm	Correlation	0.365575892
wavelet-LHL	glcm	Autocorrelation	341.8831818
wavelet-LHL	glcm	SumEntropy	5.002081417
wavelet-LHL	glcm	SumSquares	64.81540791
wavelet-LHL	glcm	ClusterProminence	103616.1385
wavelet-LHL	glcm	Imc2	0.997506592
wavelet-LHL	glcm	Imc1	-0.560004286
wavelet-LHL	glcm	DifferenceAverage	7.037982516
wavelet-LHL	glcm	Id	0.220181467
wavelet-LHL	glcm	ClusterTendency	178.2643655
wavelet-LHL	firstorder	InterquartileRange	299.0967655
wavelet-LHL	firstorder	Skewness	0.361258567
wavelet-LHL	firstorder	Uniformity	0.041397353
wavelet-LHL	firstorder	Median	-51.19393957
wavelet-LHL	firstorder	Energy	4903828.659



wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	116.6298011
wavelet-LHL	firstorder	MeanAbsoluteDeviation	166.6850177
wavelet-LHL	firstorder	TotalEnergy	132403373.8
wavelet-LHL	firstorder	Maximum	572.0858254
wavelet-LHL	firstorder	RootMeanSquared	207.4030879
wavelet-LHL	firstorder	90Percentile	250.1642901
wavelet-LHL	firstorder	Minimum	-466.9925192
wavelet-LHL	firstorder	Entropy	4.823775876
wavelet-LHL	firstorder	Range	1039.078345
wavelet-LHL	firstorder	Variance	42205.34793
wavelet-LHL	firstorder	10Percentile	-257.9447714
wavelet-LHL	firstorder	Kurtosis	2.990750434
wavelet-LHL	firstorder	Mean	-28.47266993
wavelet-LHL	gllm	ShortRunLowGrayLevelEmphasis	0.018236145
wavelet-LHL	gllm	GrayLevelVariance	68.31318127
wavelet-LHL	gllm	LowGrayLevelRunEmphasis	0.01831886
wavelet-LHL	gllm	GrayLevelNonUniformityNormalized	0.041038721
wavelet-LHL	gllm	RunVariance	0.026272532
wavelet-LHL	gllm	GrayLevelNonUniformity	4.555292334
wavelet-LHL	gllm	LongRunEmphasis	1.08189458
wavelet-LHL	gllm	ShortRunHighGrayLevelEmphasis	398.3369411
wavelet-LHL	gllm	RunLengthNonUniformity	105.2239881
wavelet-LHL	gllm	ShortRunEmphasis	0.979526355
wavelet-LHL	gllm	LongRunHighGrayLevelEmphasis	437.7348052
wavelet-LHL	gllm	RunPercentage	0.973684211
wavelet-LHL	gllm	LongRunLowGrayLevelEmphasis	0.018649723
wavelet-LHL	gllm	RunEntropy	4.922089116
wavelet-LHL	gllm	HighGrayLevelRunEmphasis	406.2165139
wavelet-LHL	gllm	RunLengthNonUniformityNormalized	0.947454937
wavelet-LHL	glszm	GrayLevelVariance	77.78174059
wavelet-LHL	glszm	ZoneVariance	0.611796982
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.036732205
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.568663314
wavelet-LHL	glszm	SizeZoneNonUniformity	46.0617284
wavelet-LHL	glszm	GrayLevelNonUniformity	2.975308642
wavelet-LHL	glszm	LargeAreaEmphasis	2.592592593
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	325.2015604
wavelet-LHL	glszm	ZonePercentage	0.710526316
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.030359715
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	997.2098765
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	414.345679
wavelet-LHL	glszm	SmallAreaEmphasis	0.781893004
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.023573775
wavelet-LHL	glszm	ZoneEntropy	5.564615589
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.022727216
wavelet-LHL	ngtdm	Coarseness	0.059228746
wavelet-LHL	ngtdm	Complexity	2198.293605
wavelet-LHL	ngtdm	Strength	27.18696305
wavelet-LHL	ngtdm	Contrast	0.475805851
wavelet-LHL	ngtdm	Busyness	0.030711339
wavelet-LHH	gldm	GrayLevelVariance	40.09602955
wavelet-LHH	gldm	HighGrayLevelEmphasis	321.9824561
wavelet-LHH	gldm	DependenceEntropy	5.444260518
wavelet-LHH	gldm	DependenceNonUniformity	35.78947368
wavelet-LHH	gldm	GrayLevelNonUniformity	6.456140351
wavelet-LHH	gldm	SmallDependenceEmphasis	0.519480994
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	167.5021272
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.313942752
wavelet-LHH	gldm	LargeDependenceEmphasis	5.315789474

wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.036481937
wavelet-LHH	gldm	DependenceVariance	1.315789474
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1462.508772
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013608369
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.015897864
wavelet-LHH	glcm	JointAverage	16.80280695
wavelet-LHH	glcm	SumAverage	33.60561389
wavelet-LHH	glcm	JointEntropy	6.72910197
wavelet-LHH	glcm	ClusterShade	330.9434223
wavelet-LHH	glcm	MaximumProbability	0.027244653
wavelet-LHH	glcm	Idmn	0.949144491
wavelet-LHH	glcm	JointEnergy	0.010471033
wavelet-LHH	glcm	Contrast	81.52094478
wavelet-LHH	glcm	DifferenceEntropy	3.917733515
wavelet-LHH	glcm	InverseVariance	0.148700895
wavelet-LHH	glcm	DifferenceVariance	33.65842895
wavelet-LHH	glcm	Idn	0.856360229
wavelet-LHH	glcm	Idm	0.153146018
wavelet-LHH	glcm	Correlation	0.010028477
wavelet-LHH	glcm	Autocorrelation	282.9003005
wavelet-LHH	glcm	SumEntropy	4.634066672
wavelet-LHH	glcm	SumSquares	41.26563653
wavelet-LHH	glcm	ClusterProminence	28684.36716
wavelet-LHH	glcm	Imc2	0.992182
wavelet-LHH	glcm	Imc1	-0.474581758
wavelet-LHH	glcm	DifferenceAverage	6.747619159
wavelet-LHH	glcm	Id	0.242696338
wavelet-LHH	glcm	ClusterTendency	83.54160134
wavelet-LHH	firstorder	InterquartileRange	164.7599111
wavelet-LHH	firstorder	Skewness	0.371362619
wavelet-LHH	firstorder	Uniformity	0.05663281
wavelet-LHH	firstorder	Median	-8.179232585
wavelet-LHH	firstorder	Energy	2844480.792
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	74.5753495
wavelet-LHH	firstorder	MeanAbsoluteDeviation	118.8323736
wavelet-LHH	firstorder	TotalEnergy	76800981.38
wavelet-LHH	firstorder	Maximum	486.0680554
wavelet-LHH	firstorder	RootMeanSquared	157.96071
wavelet-LHH	firstorder	90Percentile	195.4764111
wavelet-LHH	firstorder	Minimum	-398.4602078
wavelet-LHH	firstorder	Entropy	4.425252784
wavelet-LHH	firstorder	Range	884.5282631
wavelet-LHH	firstorder	Variance	24902.43957
wavelet-LHH	firstorder	10Percentile	-184.3411607
wavelet-LHH	firstorder	Kurtosis	3.934338589
wavelet-LHH	firstorder	Mean	7.010443551
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.016209374
wavelet-LHH	glrlm	GrayLevelVariance	40.90783263
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.016350097
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.055544582
wavelet-LHH	glrlm	RunVariance	0.042495182
wavelet-LHH	glrlm	GrayLevelNonUniformity	6.087623509
wavelet-LHH	glrlm	LongRunEmphasis	1.126241751
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	314.9399201
wavelet-LHH	glrlm	RunLengthNonUniformity	101.7654427
wavelet-LHH	glrlm	ShortRunEmphasis	0.970784954
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	359.7361565
wavelet-LHH	glrlm	RunPercentage	0.961538462
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.016949838

wavelet-LHH	glrlm	RunEntropy	4.579041283
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	323.3582713
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.92724804
wavelet-LHH	glszm	GrayLevelVariance	51.13489796
wavelet-LHH	glszm	ZoneVariance	1.633469388
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048163265
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.496326531
wavelet-LHH	glszm	SizeZoneNonUniformity	34.74285714
wavelet-LHH	glszm	GrayLevelNonUniformity	3.371428571
wavelet-LHH	glszm	LargeAreaEmphasis	4.285714286
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	232.9218502
wavelet-LHH	glszm	ZonePercentage	0.614035088
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.038045636
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1242.628571
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	329.0714286
wavelet-LHH	glszm	SmallAreaEmphasis	0.730971109
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.022957307
wavelet-LHH	glszm	ZoneEntropy	5.246791053
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.021632983
wavelet-LHH	ngtdm	Coarseness	0.046266048
wavelet-LHH	ngtdm	Complexity	1629.891859
wavelet-LHH	ngtdm	Strength	13.04341531
wavelet-LHH	ngtdm	Contrast	0.480518735
wavelet-LHH	ngtdm	Busyness	0.049394793
wavelet-LLH	gldm	GrayLevelVariance	73.08279471
wavelet-LLH	gldm	HighGrayLevelEmphasis	605.3157895
wavelet-LLH	gldm	DependenceEntropy	5.740527514
wavelet-LLH	gldm	DependenceNonUniformity	42.03508772
wavelet-LLH	gldm	GrayLevelNonUniformity	5.228070175
wavelet-LLH	gldm	SmallDependenceEmphasis	0.557994639
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	373.8433504
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.36872884
wavelet-LLH	gldm	LargeDependenceEmphasis	4.98245614
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022499567
wavelet-LLH	gldm	DependenceVariance	1.39242844
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2642.333333
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011171472
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012511044
wavelet-LLH	glcm	JointAverage	22.52827677
wavelet-LLH	glcm	SumAverage	45.05655354
wavelet-LLH	glcm	JointEntropy	6.846553653
wavelet-LLH	glcm	ClusterShade	834.3837076
wavelet-LLH	glcm	MaximumProbability	0.022294207
wavelet-LLH	glcm	ldmn	0.974259885
wavelet-LLH	glcm	JointEnergy	0.009422148
wavelet-LLH	glcm	Contrast	88.30316136
wavelet-LLH	glcm	DifferenceEntropy	3.985004394
wavelet-LLH	glcm	InverseVariance	0.124420864
wavelet-LLH	glcm	DifferenceVariance	32.46735958
wavelet-LLH	glcm	ldn	0.891656077
wavelet-LLH	glcm	ldm	0.132335214
wavelet-LLH	glcm	Correlation	0.301916942
wavelet-LLH	glcm	Autocorrelation	525.869624
wavelet-LLH	glcm	SumEntropy	4.995173913
wavelet-LLH	glcm	SumSquares	62.43649904
wavelet-LLH	glcm	ClusterProminence	98288.17776
wavelet-LLH	glcm	lmc2	0.99497934
wavelet-LLH	glcm	lmc1	-0.505915715
wavelet-LLH	glcm	DifferenceAverage	7.304470956

wavelet-LLH	glcm	Id	0.221808526
wavelet-LLH	glcm	ClusterTendency	161.4428348
wavelet-LLH	firstorder	InterquartileRange	253.4842716
wavelet-LLH	firstorder	Skewness	0.486400214
wavelet-LLH	firstorder	Uniformity	0.045860265
wavelet-LLH	firstorder	Median	-57.7692374
wavelet-LLH	firstorder	Energy	5591365.909
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	106.0349131
wavelet-LLH	firstorder	MeanAbsoluteDeviation	162.9667568
wavelet-LLH	firstorder	TotalEnergy	150966879.6
wavelet-LLH	firstorder	Maximum	770.3690388
wavelet-LLH	firstorder	RootMeanSquared	221.4657296
wavelet-LLH	firstorder	90Percentile	217.91509
wavelet-LLH	firstorder	Minimum	-601.0016609
wavelet-LLH	firstorder	Entropy	4.71734805
wavelet-LLH	firstorder	Range	1371.3707
wavelet-LLH	firstorder	Variance	45343.47435
wavelet-LLH	firstorder	10Percentile	-290.7229083
wavelet-LLH	firstorder	Kurtosis	4.424596496
wavelet-LLH	firstorder	Mean	-60.85716914
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012793948
wavelet-LLH	glrlm	GrayLevelVariance	74.58375237
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.012863652
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.044780438
wavelet-LLH	glrlm	RunVariance	0.039948663
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.930246776
wavelet-LLH	glrlm	LongRunEmphasis	1.113632933
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	595.3654493
wavelet-LLH	glrlm	RunLengthNonUniformity	103.1491501
wavelet-LLH	glrlm	ShortRunEmphasis	0.974715069
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	666.9834007
wavelet-LLH	glrlm	RunPercentage	0.965587045
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.013169176
wavelet-LLH	glrlm	RunEntropy	4.853181265
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	608.504721
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.936417071
wavelet-LLH	glszm	GrayLevelVariance	90.03093333
wavelet-LLH	glszm	ZoneVariance	1.342933333
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037155556
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.527822222
wavelet-LLH	glszm	SizeZoneNonUniformity	39.58666667
wavelet-LLH	glszm	GrayLevelNonUniformity	2.786666667
wavelet-LLH	glszm	LargeAreaEmphasis	3.653333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	515.760463
wavelet-LLH	glszm	ZonePercentage	0.657894737
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.024397853
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2008.426667
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	650.7733333
wavelet-LLH	glszm	SmallAreaEmphasis	0.747610072
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017488169
wavelet-LLH	glszm	ZoneEntropy	5.611956524
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016658698
wavelet-LLH	ngtdm	Coarseness	0.049966713
wavelet-LLH	ngtdm	Complexity	2536.132997
wavelet-LLH	ngtdm	Strength	27.08481765
wavelet-LLH	ngtdm	Contrast	0.64648856
wavelet-LLH	ngtdm	Busyness	0.030776438
wavelet-LLL	gldm	GrayLevelVariance	579.9757618
wavelet-LLL	gldm	HighGrayLevelEmphasis	2942.447368

wavelet-LLL	gldm	DependenceEntropy	5.990441768
wavelet-LLL	gldm	DependenceNonUniformity	75.89473684
wavelet-LLL	gldm	GrayLevelNonUniformity	2.438596491
wavelet-LLL	gldm	SmallDependenceEmphasis	0.843384503
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2377.986659
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.665743306
wavelet-LLL	gldm	LargeDependenceEmphasis	1.842105263
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01313938
wavelet-LLL	gldm	DependenceVariance	0.290550939
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	6368.342105
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012525309
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.012637823
wavelet-LLL	glcm	JointAverage	55.98149813
wavelet-LLL	glcm	SumAverage	111.9629963
wavelet-LLL	glcm	JointEntropy	7.110654642
wavelet-LLL	glcm	ClusterShade	-7814.125202
wavelet-LLL	glcm	MaximumProbability	0.012952427
wavelet-LLL	glcm	Idmn	0.931339257
wavelet-LLL	glcm	JointEnergy	0.007365188
wavelet-LLL	glcm	Contrast	800.756047
wavelet-LLL	glcm	DifferenceEntropy	5.045868525
wavelet-LLL	glcm	InverseVariance	0.040622719
wavelet-LLL	glcm	DifferenceVariance	238.92687
wavelet-LLL	glcm	Idn	0.823879852
wavelet-LLL	glcm	Idm	0.04070814
wavelet-LLL	glcm	Correlation	0.281577383
wavelet-LLL	glcm	Autocorrelation	3293.380242
wavelet-LLL	glcm	SumEntropy	5.709737065
wavelet-LLL	glcm	SumSquares	557.0776865
wavelet-LLL	glcm	ClusterProminence	4694196.318
wavelet-LLL	glcm	Imc2	0.999866777
wavelet-LLL	glcm	Imc1	-0.735551786
wavelet-LLL	glcm	DifferenceAverage	23.18101173
wavelet-LLL	glcm	Id	0.094406862
wavelet-LLL	glcm	ClusterTendency	1427.554699
wavelet-LLL	firstorder	InterquartileRange	984.8579015
wavelet-LLL	firstorder	Skewness	0.095788706
wavelet-LLL	firstorder	Uniformity	0.021391197
wavelet-LLL	firstorder	Median	-984.846133
wavelet-LLL	firstorder	Energy	133063860.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	389.1524827
wavelet-LLL	firstorder	MeanAbsoluteDeviation	512.6569829
wavelet-LLL	firstorder	TotalEnergy	3592724238
wavelet-LLL	firstorder	Maximum	370.5707062
wavelet-LLL	firstorder	RootMeanSquared	1080.382732
wavelet-LLL	firstorder	90Percentile	-77.82252069
wavelet-LLL	firstorder	Minimum	-2079.58536
wavelet-LLL	firstorder	Entropy	5.715142839
wavelet-LLL	firstorder	Range	2450.156067
wavelet-LLL	firstorder	Variance	361527.4096
wavelet-LLL	firstorder	10Percentile	-1652.0436
wavelet-LLL	firstorder	Kurtosis	2.081776102
wavelet-LLL	firstorder	Mean	-897.6076194
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012748489
wavelet-LLL	glrlm	GrayLevelVariance	579.4212393
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.012753143
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.021291291
wavelet-LLL	glrlm	RunVariance	0.009442989
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.404361824

wavelet-LLL	glrlm	LongRunEmphasis	1.028848125
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2905.718057
wavelet-LLL	glrlm	RunLengthNonUniformity	110.8078421
wavelet-LLL	glrlm	ShortRunEmphasis	0.992787969
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3045.055218
wavelet-LLL	glrlm	RunPercentage	0.990553306
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.01277176
wavelet-LLL	glrlm	RunEntropy	5.739736733
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2933.585489
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.981114022
wavelet-LLL	glszm	GrayLevelVariance	575.2332124
wavelet-LLL	glszm	ZoneVariance	0.191353789
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.020488187
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.818253112
wavelet-LLL	glszm	SizeZoneNonUniformity	82.64356436
wavelet-LLL	glszm	GrayLevelNonUniformity	2.069306931
wavelet-LLL	glszm	LargeAreaEmphasis	1.465346535
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2582.691488
wavelet-LLL	glszm	ZonePercentage	0.885964912
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.014462089
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4673.514851
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2847.029703
wavelet-LLL	glszm	SmallAreaEmphasis	0.922511001
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014176315
wavelet-LLL	glszm	ZoneEntropy	5.905349106
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014115878
wavelet-LLL	ngtdm	Coarseness	0.028980514
wavelet-LLL	ngtdm	Complexity	31936.52468
wavelet-LLL	ngtdm	Strength	87.73646516
wavelet-LLL	ngtdm	Contrast	5.070006802
wavelet-LLL	ngtdm	Busyness	0.015687648
wavelet-HHL	gldm	GrayLevelVariance	13.11980609
wavelet-HHL	gldm	HighGrayLevelEmphasis	106.3947368
wavelet-HHL	gldm	DependenceEntropy	5.322391576
wavelet-HHL	gldm	DependenceNonUniformity	28.33333333
wavelet-HHL	gldm	GrayLevelNonUniformity	9.736842105
wavelet-HHL	gldm	SmallDependenceEmphasis	0.44129013
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	48.99790921
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.248538012
wavelet-HHL	gldm	LargeDependenceEmphasis	7.368421053
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.117166628
wavelet-HHL	gldm	DependenceVariance	1.75900277
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	758.7631579
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.027720832
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.035760559
wavelet-HHL	glcm	JointAverage	9.738807087
wavelet-HHL	glcm	SumAverage	19.47761417
wavelet-HHL	glcm	JointEntropy	6.435673479
wavelet-HHL	glcm	ClusterShade	-5.34984911
wavelet-HHL	glcm	MaximumProbability	0.038066988
wavelet-HHL	glcm	ldmn	0.944049515
wavelet-HHL	glcm	JointEnergy	0.013525577
wavelet-HHL	glcm	Contrast	26.22655821
wavelet-HHL	glcm	DifferenceEntropy	3.341414024
wavelet-HHL	glcm	InverseVariance	0.217653992
wavelet-HHL	glcm	DifferenceVariance	9.340342447
wavelet-HHL	glcm	ldn	0.843478506
wavelet-HHL	glcm	ldm	0.215019682
wavelet-HHL	glcm	Correlation	-0.019347692

wavelet-HHL	glcm	Autocorrelation	94.70714596
wavelet-HHL	glcm	SumEntropy	4.078875354
wavelet-HHL	glcm	SumSquares	12.95141068
wavelet-HHL	glcm	ClusterProminence	2010.159631
wavelet-HHL	glcm	Imc2	0.936401438
wavelet-HHL	glcm	Imc1	-0.282509929
wavelet-HHL	glcm	DifferenceAverage	4.078090068
wavelet-HHL	glcm	Id	0.309333104
wavelet-HHL	glcm	ClusterTendency	25.57908452
wavelet-HHL	firstorder	InterquartileRange	113.2790235
wavelet-HHL	firstorder	Skewness	0.023717144
wavelet-HHL	firstorder	Uniformity	0.085410896
wavelet-HHL	firstorder	Median	-1.569670068
wavelet-HHL	firstorder	Energy	914043.3695
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	48.77320714
wavelet-HHL	firstorder	MeanAbsoluteDeviation	70.61967029
wavelet-HHL	firstorder	TotalEnergy	24679170.98
wavelet-HHL	firstorder	Maximum	269.154008
wavelet-HHL	firstorder	RootMeanSquared	89.54286289
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wavelet-HHL	firstorder	Minimum	-209.0505462
wavelet-HHL	firstorder	Entropy	3.792516904
wavelet-HHL	firstorder	Range	478.2045542
wavelet-HHL	firstorder	Variance	8001.051812
wavelet-HHL	firstorder	10Percentile	-102.9792028
wavelet-HHL	firstorder	Kurtosis	3.002471544
wavelet-HHL	firstorder	Mean	4.107612689
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.036503752
wavelet-HHL	glrlm	GrayLevelVariance	13.48838698
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.03702528
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.083451705
wavelet-HHL	glrlm	RunVariance	0.062662133
wavelet-HHL	glrlm	GrayLevelNonUniformity	9.016700038
wavelet-HHL	glrlm	LongRunEmphasis	1.178886835
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	102.5423781
wavelet-HHL	glrlm	RunLengthNonUniformity	97.6470075
wavelet-HHL	glrlm	ShortRunEmphasis	0.961012565
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	124.8637357
wavelet-HHL	glrlm	RunPercentage	0.947368421
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.039379948
wavelet-HHL	glrlm	RunEntropy	4.029060228
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	106.592913
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.903311142
wavelet-HHL	glszm	GrayLevelVariance	19.52774235
wavelet-HHL	glszm	ZoneVariance	6.99872449
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.069515306
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.52869898
wavelet-HHL	glszm	SizeZoneNonUniformity	29.60714286
wavelet-HHL	glszm	GrayLevelNonUniformity	3.892857143
wavelet-HHL	glszm	LargeAreaEmphasis	11.14285714
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	84.66713514
wavelet-HHL	glszm	ZonePercentage	0.49122807
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.18861706
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1053.089286
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	111.4821429
wavelet-HHL	glszm	SmallAreaEmphasis	0.747641645
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.058327868
wavelet-HHL	glszm	ZoneEntropy	4.773885226
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.054083693

wavelet-HHL	ngtdm	Coarseness	0.04945178
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wavelet-HHL	ngtdm	Strength	4.56398024
wavelet-HHL	ngtdm	Contrast	0.255180169
wavelet-HHL	ngtdm	Busyness	0.131715002
wavelet-HLH	gldm	GrayLevelVariance	11.35180055
wavelet-HLH	gldm	HighGrayLevelEmphasis	126.6315789
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wavelet-HLH	gldm	DependenceNonUniformity	24.9122807
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.399346694
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	51.06527259
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.218528778
wavelet-HLH	gldm	LargeDependenceEmphasis	10.40350877
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.106772276
wavelet-HLH	gldm	DependenceVariance	3.292397661
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1283.736842
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01767414
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.023313137
wavelet-HLH	glcm	JointAverage	10.69459815
wavelet-HLH	glcm	SumAverage	21.3891963
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wavelet-HLH	glcm	ClusterShade	-6.813686206
wavelet-HLH	glcm	MaximumProbability	0.051122662
wavelet-HLH	glcm	Idmn	0.955275351
wavelet-HLH	glcm	JointEnergy	0.017817594
wavelet-HLH	glcm	Contrast	23.30794647
wavelet-HLH	glcm	DifferenceEntropy	3.215750133
wavelet-HLH	glcm	InverseVariance	0.239984817
wavelet-HLH	glcm	DifferenceVariance	9.274040776
wavelet-HLH	glcm	Idn	0.862650003
wavelet-HLH	glcm	Idm	0.245970096
wavelet-HLH	glcm	Correlation	0.018601271
wavelet-HLH	glcm	Autocorrelation	114.5968659
wavelet-HLH	glcm	SumEntropy	3.992872773
wavelet-HLH	glcm	SumSquares	11.86006247
wavelet-HLH	glcm	ClusterProminence	2237.555271
wavelet-HLH	glcm	Imc2	0.938014683
wavelet-HLH	glcm	Imc1	-0.297381763
wavelet-HLH	glcm	DifferenceAverage	3.68753698
wavelet-HLH	glcm	Id	0.337759563
wavelet-HLH	glcm	ClusterTendency	24.13230339
wavelet-HLH	firstorder	InterquartileRange	98.03940287
wavelet-HLH	firstorder	Skewness	-0.059012862
wavelet-HLH	firstorder	Uniformity	0.108033241
wavelet-HLH	firstorder	Median	13.26582629
wavelet-HLH	firstorder	Energy	778054.5958
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	39.3865156
wavelet-HLH	firstorder	MeanAbsoluteDeviation	61.96781002
wavelet-HLH	firstorder	TotalEnergy	21007474.09
wavelet-HLH	firstorder	Maximum	251.4266581
wavelet-HLH	firstorder	RootMeanSquared	82.6138022
wavelet-HLH	firstorder	90Percentile	96.88167863
wavelet-HLH	firstorder	Minimum	-226.0718582
wavelet-HLH	firstorder	Entropy	3.586259102
wavelet-HLH	firstorder	Range	477.4985163
wavelet-HLH	firstorder	Variance	6786.568058
wavelet-HLH	firstorder	10Percentile	-90.26721219
wavelet-HLH	firstorder	Kurtosis	3.859194752



wavelet-HLH	firstorder	Mean	6.202600776
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.023849771
wavelet-HLH	glrlm	GrayLevelVariance	11.89778515
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.024293733
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.102540279
wavelet-HLH	glrlm	RunVariance	0.073984582
wavelet-HLH	glrlm	GrayLevelNonUniformity	10.94298382
wavelet-HLH	glrlm	LongRunEmphasis	1.217291908
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	120.7113286
wavelet-HLH	glrlm	RunLengthNonUniformity	93.91343859
wavelet-HLH	glrlm	ShortRunEmphasis	0.951013314
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	153.7299147
wavelet-HLH	glrlm	RunPercentage	0.935897436
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.026275132
wavelet-HLH	glrlm	RunEntropy	3.893981334
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	126.8082757
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.879482747
wavelet-HLH	glszm	GrayLevelVariance	18.95061728
wavelet-HLH	glszm	ZoneVariance	4.395061728
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.072702332
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.429355281
wavelet-HLH	glszm	SizeZoneNonUniformity	23.18518519
wavelet-HLH	glszm	GrayLevelNonUniformity	3.925925926
wavelet-HLH	glszm	LargeAreaEmphasis	8.851851852
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	87.60640432
wavelet-HLH	glszm	ZonePercentage	0.473684211
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.115121424
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1051.592593
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	130.3703704
wavelet-HLH	glszm	SmallAreaEmphasis	0.679460887
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.038607678
wavelet-HLH	glszm	ZoneEntropy	4.898134493
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.035685369
wavelet-HLH	ngtdm	Coarseness	0.050556747
wavelet-HLH	ngtdm	Complexity	332.5729062
wavelet-HLH	ngtdm	Strength	5.586478599
wavelet-HLH	ngtdm	Contrast	0.191491153
wavelet-HLH	ngtdm	Busyness	0.098107027

Image type	Feature Class	Feature Name	Value
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general	info	ImageSpacing	(1.26953125, 1.26953125, 2.0)
general	info	MaskHash	fc2d95cc0a3e1bdaaa600f53559744301d30b48
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	430
original	shape	Maximum3DDiameter	39.45883931
original	shape	Maximum2DDiameterSlice	33.54101966
original	shape	Sphericity	0.78340173
original	shape	MinorAxis	27.47424462
original	shape	Elongation	0.878612758
original	shape	SurfaceVolumeRatio	0.272618626
original	shape	Volume	11610
original	shape	MajorAxis	31.27002694
original	shape	SurfaceArea	3165.102252
original	shape	Flatness	0.678990627
original	shape	LeastAxis	21.23205519
original	shape	Maximum2DDiameterColumn	30.88689042
original	shape	Maximum2DDiameterRow	36.12478374
original	gldm	GrayLevelVariance	80.70179016
original	gldm	HighGrayLevelEmphasis	753.9232558
original	gldm	DependenceEntropy	6.513712387
original	gldm	DependenceNonUniformity	85.62325581
original	gldm	GrayLevelNonUniformity	25.6744186
original	gldm	SmallDependenceEmphasis	0.431657106
original	gldm	SmallDependenceHighGrayLevelEmphasis	224.9480617
original	gldm	DependenceNonUniformityNormalized	0.199123851
original	gldm	LargeDependenceEmphasis	24
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.031931753
original	gldm	DependenceVariance	11.24015143
original	gldm	LargeDependenceHighGrayLevelEmphasis	27108.04419
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007396553
original	gldm	LowGrayLevelEmphasis	0.00860857
original	glcm	JointAverage	27.99135071
original	glcm	SumAverage	55.98270142
original	glcm	JointEntropy	7.481250607
original	glcm	ClusterShade	-2511.896411
original	glcm	MaximumProbability	0.059033103
original	glcm	Idmn	0.956615397
original	glcm	JointEnergy	0.013591257
original	glcm	Contrast	75.59624603
original	glcm	DifferenceEntropy	3.980985371
original	glcm	InverseVariance	0.233453409
original	glcm	DifferenceVariance	39.54091374
original	glcm	Idn	0.880082889
original	glcm	Idm	0.266523443
original	glcm	Correlation	0.436290259

original	glcm	Autocorrelation	813.1778427
original	glcm	SumEntropy	5.177232942
original	glcm	SumSquares	67.34061931
original	glcm	ClusterProminence	118917.9709
original	glcm	Imc2	0.947553582
original	glcm	Imc1	-0.265897336
original	glcm	DifferenceAverage	5.959363192
original	glcm	Id	0.335625339
original	glcm	ClusterTendency	193.7662312
original	firstorder	InterquartileRange	361
original	firstorder	Skewness	-0.719515924
original	firstorder	Uniformity	0.05970795
original	firstorder	Median	-150.5
original	firstorder	Energy	41503702
original	firstorder	RobustMeanAbsoluteDeviation	153.6328502
original	firstorder	MeanAbsoluteDeviation	193.3204976
original	firstorder	TotalEnergy	1120599954
original	firstorder	Maximum	76
original	firstorder	RootMeanSquared	310.6770626
original	firstorder	90Percentile	11
original	firstorder	Minimum	-848
original	firstorder	Entropy	4.614459682
original	firstorder	Range	924
original	firstorder	Variance	50365.21071
original	firstorder	10Percentile	-539.2
original	firstorder	Kurtosis	2.479660606
original	firstorder	Mean	-214.8372093
original	glrlm	ShortRunLowGrayLevelEmphasis	0.009320018
original	glrlm	GrayLevelVariance	81.22874833
original	glrlm	LowGrayLevelRunEmphasis	0.0094164
original	glrlm	GrayLevelNonUniformityNormalized	0.049378781
original	glrlm	RunVariance	0.148174127
original	glrlm	GrayLevelNonUniformity	19.14707156
original	glrlm	LongRunEmphasis	1.381847469
original	glrlm	ShortRunHighGrayLevelEmphasis	641.8511483
original	glrlm	RunLengthNonUniformity	323.1082051
original	glrlm	ShortRunEmphasis	0.929683477
original	glrlm	LongRunHighGrayLevelEmphasis	1137.458049
original	glrlm	RunPercentage	0.901073345
original	glrlm	LongRunLowGrayLevelEmphasis	0.009886713
original	glrlm	RunEntropy	5.101241489
original	glrlm	HighGrayLevelRunEmphasis	717.0853707
original	glrlm	RunLengthNonUniformityNormalized	0.833239876
original	glszm	GrayLevelVariance	70.97109229
original	glszm	ZoneVariance	32.56728286
original	glszm	GrayLevelNonUniformityNormalized	0.036454707
original	glszm	SizeZoneNonUniformityNormalized	0.557152804
original	glszm	SizeZoneNonUniformity	117.5592417
original	glszm	GrayLevelNonUniformity	7.691943128
original	glszm	LargeAreaEmphasis	36.72037915
original	glszm	SmallAreaHighGrayLevelEmphasis	379.3357412
original	glszm	ZonePercentage	0.490697674
original	glszm	LargeAreaLowGrayLevelEmphasis	0.04949069
original	glszm	LargeAreaHighGrayLevelEmphasis	42127.10427

original	glszm	HighGrayLevelZoneEmphasis	527.4312796
original	glszm	SmallAreaEmphasis	0.774502126
original	glszm	LowGrayLevelZoneEmphasis	0.015587679
original	glszm	ZoneEntropy	5.816895958
original	glszm	SmallAreaLowGrayLevelEmphasis	0.014738688
original	ngtdm	Coarseness	0.011265914
original	ngtdm	Complexity	2674.805532
original	ngtdm	Strength	9.570138482
original	ngtdm	Contrast	0.514142092
original	ngtdm	Busyness	0.073008165
wavelet-HHH	gldm	GrayLevelVariance	9.011141157
wavelet-HHH	gldm	HighGrayLevelEmphasis	167.8883721
wavelet-HHH	gldm	DependenceEntropy	5.971601106
wavelet-HHH	gldm	DependenceNonUniformity	67.16744186
wavelet-HHH	gldm	GrayLevelNonUniformity	46.0372093
wavelet-HHH	gldm	SmallDependenceEmphasis	0.307383586
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	56.09479254
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.156203353
wavelet-HHH	gldm	LargeDependenceEmphasis	19.17674419
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.12952081
wavelet-HHH	gldm	DependenceVariance	6.681341266
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3067.567442
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005882563
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.010711171
wavelet-HHH	glcm	JointAverage	12.56089718
wavelet-HHH	glcm	SumAverage	25.12179435
wavelet-HHH	glcm	JointEntropy	6.580613483
wavelet-HHH	glcm	ClusterShade	-1.943165876
wavelet-HHH	glcm	MaximumProbability	0.049068828
wavelet-HHH	glcm	Idmn	0.973657675
wavelet-HHH	glcm	JointEnergy	0.015856223
wavelet-HHH	glcm	Contrast	17.01769208
wavelet-HHH	glcm	DifferenceEntropy	3.131867689
wavelet-HHH	glcm	InverseVariance	0.294381963
wavelet-HHH	glcm	DifferenceVariance	7.643233256
wavelet-HHH	glcm	Idn	0.895829561
wavelet-HHH	glcm	Idm	0.304441824
wavelet-HHH	glcm	Correlation	-0.034617082
wavelet-HHH	glcm	Autocorrelation	157.4753166
wavelet-HHH	glcm	SumEntropy	3.917718056
wavelet-HHH	glcm	SumSquares	8.20700979
wavelet-HHH	glcm	ClusterProminence	1131.936451
wavelet-HHH	glcm	Imc2	0.723303325
wavelet-HHH	glcm	Imc1	-0.107827303
wavelet-HHH	glcm	DifferenceAverage	3.042949359
wavelet-HHH	glcm	Id	0.387291587
wavelet-HHH	glcm	ClusterTendency	15.81034708
wavelet-HHH	firstorder	InterquartileRange	81.13852523
wavelet-HHH	firstorder	Skewness	-0.030456362
wavelet-HHH	firstorder	Uniformity	0.107063277
wavelet-HHH	firstorder	Median	2.538223447
wavelet-HHH	firstorder	Energy	2376178.813
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.72754224
wavelet-HHH	firstorder	MeanAbsoluteDeviation	54.75475182

wavelet-HHH	firstorder	TotalEnergy	64156827.96
wavelet-HHH	firstorder	Maximum	287.0064948
wavelet-HHH	firstorder	RootMeanSquared	74.3370516
wavelet-HHH	firstorder	90Percentile	89.53541838
wavelet-HHH	firstorder	Minimum	-275.1083716
wavelet-HHH	firstorder	Entropy	3.55940591
wavelet-HHH	firstorder	Range	562.1148663
wavelet-HHH	firstorder	Variance	5520.708566
wavelet-HHH	firstorder	10Percentile	-86.55453408
wavelet-HHH	firstorder	Kurtosis	4.587702589
wavelet-HHH	firstorder	Mean	2.299711864
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.010665687
wavelet-HHH	glrlm	GrayLevelVariance	9.730693324
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.011147577
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.100653954
wavelet-HHH	glrlm	RunVariance	0.134833718
wavelet-HHH	glrlm	GrayLevelNonUniformity	39.06672331
wavelet-HHH	glrlm	LongRunEmphasis	1.364058141
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	157.329493
wavelet-HHH	glrlm	RunLengthNonUniformity	322.2406437
wavelet-HHH	glrlm	ShortRunEmphasis	0.928484066
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	227.015904
wavelet-HHH	glrlm	RunPercentage	0.902504472
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.013570006
wavelet-HHH	glrlm	RunEntropy	4.056491622
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	168.747764
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.829912838
wavelet-HHH	glszm	GrayLevelVariance	19.88498215
wavelet-HHH	glszm	ZoneVariance	66.17477627
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.073206514
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.460707125
wavelet-HHH	glszm	SizeZoneNonUniformity	65.88111888
wavelet-HHH	glszm	GrayLevelNonUniformity	10.46853147
wavelet-HHH	glszm	LargeAreaEmphasis	75.21678322
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	132.9161065
wavelet-HHH	glszm	ZonePercentage	0.33255814
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.491151136
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	12114.6014
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	180.4475524
wavelet-HHH	glszm	SmallAreaEmphasis	0.705375875
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.018442718
wavelet-HHH	glszm	ZoneEntropy	5.319445558
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016094436
wavelet-HHH	ngtdm	Coarseness	0.015508636
wavelet-HHH	ngtdm	Complexity	502.9209936
wavelet-HHH	ngtdm	Strength	2.517901837
wavelet-HHH	ngtdm	Contrast	0.083507983
wavelet-HHH	ngtdm	Busyness	0.176538863
wavelet-HLL	gldm	GrayLevelVariance	48.83340184
wavelet-HLL	gldm	HighGrayLevelEmphasis	643.7395349
wavelet-HLL	gldm	DependenceEntropy	6.357325581
wavelet-HLL	gldm	DependenceNonUniformity	110.3627907
wavelet-HLL	gldm	GrayLevelNonUniformity	20.77209302
wavelet-HLL	gldm	SmallDependenceEmphasis	0.4683424

wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	322.001469
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.256657653
wavelet-HLL	gldm	LargeDependenceEmphasis	7.655813953
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017586723
wavelet-HLL	gldm	DependenceVariance	2.247485127
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	4417.511628
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003499173
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.004583677
wavelet-HLL	glcm	JointAverage	24.11128938
wavelet-HLL	glcm	SumAverage	48.22257877
wavelet-HLL	glcm	JointEntropy	8.108385984
wavelet-HLL	glcm	ClusterShade	1088.675051
wavelet-HLL	glcm	MaximumProbability	0.018070478
wavelet-HLL	glcm	Idmn	0.972784046
wavelet-HLL	glcm	JointEnergy	0.004893397
wavelet-HLL	glcm	Contrast	68.17262137
wavelet-HLL	glcm	DifferenceEntropy	3.979420583
wavelet-HLL	glcm	InverseVariance	0.189607498
wavelet-HLL	glcm	DifferenceVariance	30.91478748
wavelet-HLL	glcm	Idn	0.89596113
wavelet-HLL	glcm	Idm	0.183602484
wavelet-HLL	glcm	Correlation	0.280421599
wavelet-HLL	glcm	Autocorrelation	594.736333
wavelet-HLL	glcm	SumEntropy	5.218256407
wavelet-HLL	glcm	SumSquares	47.45647764
wavelet-HLL	glcm	ClusterProminence	67137.09501
wavelet-HLL	glcm	Imc2	0.952011345
wavelet-HLL	glcm	Imc1	-0.256265466
wavelet-HLL	glcm	DifferenceAverage	5.985597169
wavelet-HLL	glcm	Id	0.271324532
wavelet-HLL	glcm	ClusterTendency	121.6532892
wavelet-HLL	firstorder	InterquartileRange	200.6944541
wavelet-HLL	firstorder	Skewness	0.423773158
wavelet-HLL	firstorder	Uniformity	0.048307193
wavelet-HLL	firstorder	Median	-22.92824433
wavelet-HLL	firstorder	Energy	13160855.08
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	84.12528426
wavelet-HLL	firstorder	MeanAbsoluteDeviation	132.001368
wavelet-HLL	firstorder	TotalEnergy	355343087.1
wavelet-HLL	firstorder	Maximum	560.0872641
wavelet-HLL	firstorder	RootMeanSquared	174.9475342
wavelet-HLL	firstorder	90Percentile	220.6653328
wavelet-HLL	firstorder	Minimum	-598.8426718
wavelet-HLL	firstorder	Entropy	4.719760744
wavelet-HLL	firstorder	Range	1158.929936
wavelet-HLL	firstorder	Variance	30598.25189
wavelet-HLL	firstorder	10Percentile	-195.3444641
wavelet-HLL	firstorder	Kurtosis	3.798475874
wavelet-HLL	firstorder	Mean	-2.896173871
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.004647004
wavelet-HLL	glrlm	GrayLevelVariance	50.32654722
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.00472398
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046715019
wavelet-HLL	glrlm	RunVariance	0.05688506

wavelet-HLL	glrlm	GrayLevelNonUniformity	19.06428928
wavelet-HLL	glrlm	LongRunEmphasis	1.168145659
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	624.5717836
wavelet-HLL	glrlm	RunLengthNonUniformity	368.7491314
wavelet-HLL	glrlm	ShortRunEmphasis	0.961251318
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	744.4010362
wavelet-HLL	glrlm	RunPercentage	0.9490161
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.005058011
wavelet-HLL	glrlm	RunEntropy	4.98375053
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	647.1583772
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.903150835
wavelet-HLL	glszm	GrayLevelVariance	67.75961557
wavelet-HLL	glszm	ZoneVariance	7.461032398
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038309719
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.518697203
wavelet-HLL	glszm	SizeZoneNonUniformity	118.7816594
wavelet-HLL	glszm	GrayLevelNonUniformity	8.772925764
wavelet-HLL	glszm	LargeAreaEmphasis	10.98689956
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	521.089181
wavelet-HLL	glszm	ZonePercentage	0.53255814
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.025864544
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	6310.113537
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	685.3580786
wavelet-HLL	glszm	SmallAreaEmphasis	0.747267331
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.006839055
wavelet-HLL	glszm	ZoneEntropy	5.919073303
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006297632
wavelet-HLL	ngtdm	Coarseness	0.016096681
wavelet-HLL	ngtdm	Complexity	2912.117264
wavelet-HLL	ngtdm	Strength	9.329781054
wavelet-HLL	ngtdm	Contrast	0.242344831
wavelet-HLL	ngtdm	Busyness	0.05804827
wavelet-LHL	gldm	GrayLevelVariance	37.26836668
wavelet-LHL	gldm	HighGrayLevelEmphasis	985.7651163
wavelet-LHL	gldm	DependenceEntropy	6.273893628
wavelet-LHL	gldm	DependenceNonUniformity	108.255814
wavelet-LHL	gldm	GrayLevelNonUniformity	23.06511628
wavelet-LHL	gldm	SmallDependenceEmphasis	0.46240078
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	469.7301575
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.251757707
wavelet-LHL	gldm	LargeDependenceEmphasis	7.688372093
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010919918
wavelet-LHL	gldm	DependenceVariance	2.193163872
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7300.881395
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00293073
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.003537903
wavelet-LHL	glcm	JointAverage	30.65332802
wavelet-LHL	glcm	SumAverage	61.30665604
wavelet-LHL	glcm	JointEntropy	7.842202099
wavelet-LHL	glcm	ClusterShade	352.4797705
wavelet-LHL	glcm	MaximumProbability	0.020528322
wavelet-LHL	glcm	Idmn	0.984237136
wavelet-LHL	glcm	JointEnergy	0.005928529
wavelet-LHL	glcm	Contrast	44.65166143

wavelet-LHL	glcm	DifferenceEntropy	3.684453156
wavelet-LHL	glcm	InverseVariance	0.219639967
wavelet-LHL	glcm	DifferenceVariance	20.04461361
wavelet-LHL	glcm	Idn	0.918165777
wavelet-LHL	glcm	Idm	0.203298249
wavelet-LHL	glcm	Correlation	0.267827753
wavelet-LHL	glcm	Autocorrelation	948.0365807
wavelet-LHL	glcm	SumEntropy	4.977834679
wavelet-LHL	glcm	SumSquares	30.7152697
wavelet-LHL	glcm	ClusterProminence	27024.11589
wavelet-LHL	glcm	Imc2	0.920545802
wavelet-LHL	glcm	Imc1	-0.2170273
wavelet-LHL	glcm	DifferenceAverage	4.872698821
wavelet-LHL	glcm	Id	0.293857186
wavelet-LHL	glcm	ClusterTendency	78.20941735
wavelet-LHL	firstorder	InterquartileRange	171.0990031
wavelet-LHL	firstorder	Skewness	0.025377342
wavelet-LHL	firstorder	Uniformity	0.053639805
wavelet-LHL	firstorder	Median	-23.62113254
wavelet-LHL	firstorder	Energy	10206386.47
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	72.02968539
wavelet-LHL	firstorder	MeanAbsoluteDeviation	113.1382899
wavelet-LHL	firstorder	TotalEnergy	275572434.7
wavelet-LHL	firstorder	Maximum	487.6134935
wavelet-LHL	firstorder	RootMeanSquared	154.0642155
wavelet-LHL	firstorder	90Percentile	163.3675203
wavelet-LHL	firstorder	Minimum	-754.0797937
wavelet-LHL	firstorder	Entropy	4.541262085
wavelet-LHL	firstorder	Range	1241.693287
wavelet-LHL	firstorder	Variance	23414.67282
wavelet-LHL	firstorder	10Percentile	-196.0138262
wavelet-LHL	firstorder	Kurtosis	4.964271371
wavelet-LHL	firstorder	Mean	-17.91953323
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003628066
wavelet-LHL	glrlm	GrayLevelVariance	38.60212496
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.003670915
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.052048021
wavelet-LHL	glrlm	RunVariance	0.060978584
wavelet-LHL	glrlm	GrayLevelNonUniformity	21.22425742
wavelet-LHL	glrlm	LongRunEmphasis	1.174115147
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	951.2055794
wavelet-LHL	glrlm	RunLengthNonUniformity	368.9896231
wavelet-LHL	glrlm	ShortRunEmphasis	0.961549459
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1152.663159
wavelet-LHL	glrlm	RunPercentage	0.948300537
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.003864936
wavelet-LHL	glrlm	RunEntropy	4.813330518
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	987.7753998
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.904315934
wavelet-LHL	glszm	GrayLevelVariance	57.53813394
wavelet-LHL	glszm	ZoneVariance	10.89297926
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040478287
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.531541123
wavelet-LHL	glszm	SizeZoneNonUniformity	117.4705882



wavelet-LHL	glszm	GrayLevelNonUniformity	8.945701357
wavelet-LHL	glszm	LargeAreaEmphasis	14.67873303
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	776.1036363
wavelet-LHL	glszm	ZonePercentage	0.513953488
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.020736634
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	13840.9638
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1017.41629
wavelet-LHL	glszm	SmallAreaEmphasis	0.75676243
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.005821251
wavelet-LHL	glszm	ZoneEntropy	5.882729809
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005539468
wavelet-LHL	ngtdm	Coarseness	0.016866427
wavelet-LHL	ngtdm	Complexity	2221.491607
wavelet-LHL	ngtdm	Strength	8.517350761
wavelet-LHL	ngtdm	Contrast	0.200810475
wavelet-LHL	ngtdm	Busyness	0.047029198
wavelet-LHH	gldm	GrayLevelVariance	14.73677123
wavelet-LHH	gldm	HighGrayLevelEmphasis	323.7604651
wavelet-LHH	gldm	DependenceEntropy	6.144120966
wavelet-LHH	gldm	DependenceNonUniformity	78.68837209
wavelet-LHH	gldm	GrayLevelNonUniformity	35.85581395
wavelet-LHH	gldm	SmallDependenceEmphasis	0.347612297
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	114.4968211
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.182996214
wavelet-LHH	gldm	LargeDependenceEmphasis	13.59069767
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.049362332
wavelet-LHH	gldm	DependenceVariance	4.337782585
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4183.923256
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003970027
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006259489
wavelet-LHH	glcm	JointAverage	17.57806028
wavelet-LHH	glcm	SumAverage	35.15612057
wavelet-LHH	glcm	JointEntropy	7.122151887
wavelet-LHH	glcm	ClusterShade	-29.56752408
wavelet-LHH	glcm	MaximumProbability	0.030405021
wavelet-LHH	glcm	Idmn	0.970558234
wavelet-LHH	glcm	JointEnergy	0.010017795
wavelet-LHH	glcm	Contrast	28.29931687
wavelet-LHH	glcm	DifferenceEntropy	3.436405669
wavelet-LHH	glcm	InverseVariance	0.249485932
wavelet-LHH	glcm	DifferenceVariance	12.75202498
wavelet-LHH	glcm	Idn	0.890837018
wavelet-LHH	glcm	Idm	0.255838029
wavelet-LHH	glcm	Correlation	-0.023012995
wavelet-LHH	glcm	Autocorrelation	308.6675375
wavelet-LHH	glcm	SumEntropy	4.266633489
wavelet-LHH	glcm	SumSquares	13.82545091
wavelet-LHH	glcm	ClusterProminence	3432.571649
wavelet-LHH	glcm	Imc2	0.81141759
wavelet-LHH	glcm	Imc1	-0.141773991
wavelet-LHH	glcm	DifferenceAverage	3.89836228
wavelet-LHH	glcm	Id	0.342771638
wavelet-LHH	glcm	ClusterTendency	27.00248679
wavelet-LHH	firstorder	InterquartileRange	108.4568092

wavelet-LHH	firstorder	Skewness	-0.275200591
wavelet-LHH	firstorder	Uniformity	0.083385614
wavelet-LHH	firstorder	Median	-2.503356105
wavelet-LHH	firstorder	Energy	3943593.408
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	46.39168802
wavelet-LHH	firstorder	MeanAbsoluteDeviation	71.86549371
wavelet-LHH	firstorder	TotalEnergy	106477022
wavelet-LHH	firstorder	Maximum	284.8675768
wavelet-LHH	firstorder	RootMeanSquared	95.7661081
wavelet-LHH	firstorder	90Percentile	122.0525099
wavelet-LHH	firstorder	Minimum	-405.1670102
wavelet-LHH	firstorder	Entropy	3.899210148
wavelet-LHH	firstorder	Range	690.034587
wavelet-LHH	firstorder	Variance	9169.173464
wavelet-LHH	firstorder	10Percentile	-105.3721374
wavelet-LHH	firstorder	Kurtosis	4.339635046
wavelet-LHH	firstorder	Mean	1.404990369
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.006295717
wavelet-LHH	glrlm	GrayLevelVariance	15.5469175
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.006500415
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.080208187
wavelet-LHH	glrlm	RunVariance	0.095423455
wavelet-LHH	glrlm	GrayLevelNonUniformity	31.78035292
wavelet-LHH	glrlm	LongRunEmphasis	1.274465878
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	306.1120378
wavelet-LHH	glrlm	RunLengthNonUniformity	339.4299642
wavelet-LHH	glrlm	ShortRunEmphasis	0.94051563
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	410.1792263
wavelet-LHH	glrlm	RunPercentage	0.921466905
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.007446705
wavelet-LHH	glrlm	RunEntropy	4.307986237
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	324.7556116
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.856040597
wavelet-LHH	glszm	GrayLevelVariance	26.53418911
wavelet-LHH	glszm	ZoneVariance	25.44200222
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059414106
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.456416508
wavelet-LHH	glszm	SizeZoneNonUniformity	76.22155689
wavelet-LHH	glszm	GrayLevelNonUniformity	9.922155689
wavelet-LHH	glszm	LargeAreaEmphasis	32.07185629
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	230.3724394
wavelet-LHH	glszm	ZonePercentage	0.388372093
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.114706008
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	9908.532934
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	330.7964072
wavelet-LHH	glszm	SmallAreaEmphasis	0.700574577
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.01066115
wavelet-LHH	glszm	ZoneEntropy	5.608837205
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.00953369
wavelet-LHH	ngtdm	Coarseness	0.014669504
wavelet-LHH	ngtdm	Complexity	806.2878802
wavelet-LHH	ngtdm	Strength	3.045442986
wavelet-LHH	ngtdm	Contrast	0.136176742
wavelet-LHH	ngtdm	Busyness	0.128883593

wavelet-LLH	gldm	GrayLevelVariance	44.78382369
wavelet-LLH	gldm	HighGrayLevelEmphasis	447.4860465
wavelet-LLH	gldm	DependenceEntropy	6.40438105
wavelet-LLH	gldm	DependenceNonUniformity	116.0837209
wavelet-LLH	gldm	GrayLevelNonUniformity	21.1255814
wavelet-LLH	gldm	SmallDependenceEmphasis	0.50635378
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	236.5655513
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.269962142
wavelet-LLH	gldm	LargeDependenceEmphasis	8.827906977
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028037006
wavelet-LLH	gldm	DependenceVariance	3.245127096
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3846.5
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005724398
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007319347
wavelet-LLH	glcm	JointAverage	19.71760263
wavelet-LLH	glcm	SumAverage	39.43520526
wavelet-LLH	glcm	JointEntropy	8.051533872
wavelet-LLH	glcm	ClusterShade	297.3924154
wavelet-LLH	glcm	MaximumProbability	0.0188944
wavelet-LLH	glcm	Idmn	0.965512332
wavelet-LLH	glcm	JointEnergy	0.005164978
wavelet-LLH	glcm	Contrast	71.52646451
wavelet-LLH	glcm	DifferenceEntropy	3.998881498
wavelet-LLH	glcm	InverseVariance	0.191665432
wavelet-LLH	glcm	DifferenceVariance	32.55407165
wavelet-LLH	glcm	Idn	0.884043965
wavelet-LLH	glcm	Idm	0.186096681
wavelet-LLH	glcm	Correlation	0.1447045
wavelet-LLH	glcm	Autocorrelation	395.0028998
wavelet-LLH	glcm	SumEntropy	5.112309393
wavelet-LLH	glcm	SumSquares	41.97558665
wavelet-LLH	glcm	ClusterProminence	37603.89499
wavelet-LLH	glcm	Imc2	0.942601107
wavelet-LLH	glcm	Imc1	-0.242130266
wavelet-LLH	glcm	DifferenceAverage	6.112424341
wavelet-LLH	glcm	Id	0.271893997
wavelet-LLH	glcm	ClusterTendency	96.3758821
wavelet-LLH	firstorder	InterquartileRange	194.1324194
wavelet-LLH	firstorder	Skewness	0.151047923
wavelet-LLH	firstorder	Uniformity	0.049129259
wavelet-LLH	firstorder	Median	-31.77652621
wavelet-LLH	firstorder	Energy	12610346.39
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	82.1502523
wavelet-LLH	firstorder	MeanAbsoluteDeviation	126.4902652
wavelet-LLH	firstorder	TotalEnergy	340479352.6
wavelet-LLH	firstorder	Maximum	514.4217537
wavelet-LLH	firstorder	RootMeanSquared	171.2494875
wavelet-LLH	firstorder	90Percentile	178.9363023
wavelet-LLH	firstorder	Minimum	-512.1072626
wavelet-LLH	firstorder	Entropy	4.668878894
wavelet-LLH	firstorder	Range	1026.529016
wavelet-LLH	firstorder	Variance	28024.0939
wavelet-LLH	firstorder	10Percentile	-238.4182526
wavelet-LLH	firstorder	Kurtosis	3.651999854

wavelet-LLH	firstorder	Mean	-36.08729772
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.00745363
wavelet-LLH	glrlm	GrayLevelVariance	46.36633791
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007566728
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.047287092
wavelet-LLH	glrlm	RunVariance	0.062881984
wavelet-LLH	glrlm	GrayLevelNonUniformity	19.26952328
wavelet-LLH	glrlm	LongRunEmphasis	1.177651151
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	431.8886766
wavelet-LLH	glrlm	RunLengthNonUniformity	368.3578905
wavelet-LLH	glrlm	ShortRunEmphasis	0.961225574
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	525.0731391
wavelet-LLH	glrlm	RunPercentage	0.947584973
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.008071318
wavelet-LLH	glrlm	RunEntropy	4.943560671
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	448.4768885
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.903507596
wavelet-LLH	glszm	GrayLevelVariance	62.39738981
wavelet-LLH	glszm	ZoneVariance	7.041857028
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037758667
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.569369793
wavelet-LLH	glszm	SizeZoneNonUniformity	138.9262295
wavelet-LLH	glszm	GrayLevelNonUniformity	9.213114754
wavelet-LLH	glszm	LargeAreaEmphasis	10.14754098
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	370.306821
wavelet-LLH	glszm	ZonePercentage	0.56744186
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.034144932
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4442.135246
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	462.8893443
wavelet-LLH	glszm	SmallAreaEmphasis	0.782369082
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.010533759
wavelet-LLH	glszm	ZoneEntropy	5.867516833
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009705277
wavelet-LLH	ngtdm	Coarseness	0.01522267
wavelet-LLH	ngtdm	Complexity	2689.445277
wavelet-LLH	ngtdm	Strength	7.314664054
wavelet-LLH	ngtdm	Contrast	0.275661349
wavelet-LLH	ngtdm	Busyness	0.079756009
wavelet-LLL	gldm	GrayLevelVariance	472.0342942
wavelet-LLL	gldm	HighGrayLevelEmphasis	4358.54186
wavelet-LLL	gldm	DependenceEntropy	7.061243471
wavelet-LLL	gldm	DependenceNonUniformity	166.5116279
wavelet-LLL	gldm	GrayLevelNonUniformity	7.362790698
wavelet-LLL	gldm	SmallDependenceEmphasis	0.630868804
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2231.886123
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.387236344
wavelet-LLL	gldm	LargeDependenceEmphasis	5.246511628
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003660697
wavelet-LLL	gldm	DependenceVariance	1.836906436
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	34400.37907
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002773172
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002875898
wavelet-LLL	glcm	JointAverage	67.85808941
wavelet-LLL	glcm	SumAverage	135.7161788

wavelet-LLL	glcm	JointEntropy	8.912096946
wavelet-LLL	glcm	ClusterShade	-25836.13211
wavelet-LLL	glcm	MaximumProbability	0.010754385
wavelet-LLL	glcm	Idmn	0.965718031
wavelet-LLL	glcm	JointEnergy	0.002432634
wavelet-LLL	glcm	Contrast	355.8916401
wavelet-LLL	glcm	DifferenceEntropy	5.092811725
wavelet-LLL	glcm	InverseVariance	0.103899349
wavelet-LLL	glcm	DifferenceVariance	151.1879274
wavelet-LLL	glcm	Idn	0.882312377
wavelet-LLL	glcm	Idm	0.107209083
wavelet-LLL	glcm	Correlation	0.570973322
wavelet-LLL	glcm	Autocorrelation	4842.880688
wavelet-LLL	glcm	SumEntropy	6.553777726
wavelet-LLL	glcm	SumSquares	415.0500086
wavelet-LLL	glcm	ClusterProminence	4251988.442
wavelet-LLL	glcm	Imc2	0.998432089
wavelet-LLL	glcm	Imc1	-0.489003712
wavelet-LLL	glcm	DifferenceAverage	14.0948798
wavelet-LLL	glcm	Id	0.175483923
wavelet-LLL	glcm	ClusterTendency	1304.308394
wavelet-LLL	firstorder	InterquartileRange	916.845859
wavelet-LLL	firstorder	Skewness	-0.346717847
wavelet-LLL	firstorder	Uniformity	0.017122769
wavelet-LLL	firstorder	Median	-648.5550796
wavelet-LLL	firstorder	Energy	296897426.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	367.8830969
wavelet-LLL	firstorder	MeanAbsoluteDeviation	463.9288709
wavelet-LLL	firstorder	TotalEnergy	8016230516
wavelet-LLL	firstorder	Maximum	213.2934185
wavelet-LLL	firstorder	RootMeanSquared	830.938705
wavelet-LLL	firstorder	90Percentile	39.81704075
wavelet-LLL	firstorder	Minimum	-2168.550706
wavelet-LLL	firstorder	Entropy	6.092144438
wavelet-LLL	firstorder	Range	2381.844125
wavelet-LLL	firstorder	Variance	294876.9848
wavelet-LLL	firstorder	10Percentile	-1354.640663
wavelet-LLL	firstorder	Kurtosis	2.198601162
wavelet-LLL	firstorder	Mean	-628.953215
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002960392
wavelet-LLL	glrlm	GrayLevelVariance	468.2704792
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002965821
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.016580123
wavelet-LLL	glrlm	RunVariance	0.036980122
wavelet-LLL	glrlm	GrayLevelNonUniformity	6.898042895
wavelet-LLL	glrlm	LongRunEmphasis	1.106073768
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4127.393063
wavelet-LLL	glrlm	RunLengthNonUniformity	390.74976
wavelet-LLL	glrlm	ShortRunEmphasis	0.975971828
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4987.460421
wavelet-LLL	glrlm	RunPercentage	0.96744186
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002988779
wavelet-LLL	glrlm	RunEntropy	6.234607563
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4283.439935

wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.938953131
wavelet-LLL	glszm	GrayLevelVariance	423.0157945
wavelet-LLL	glszm	ZoneVariance	2.01233982
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.01497776
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.639120981
wavelet-LLL	glszm	SizeZoneNonUniformity	192.3754153
wavelet-LLL	glszm	GrayLevelNonUniformity	4.508305648
wavelet-LLL	glszm	LargeAreaEmphasis	4.053156146
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2792.048788
wavelet-LLL	glszm	ZonePercentage	0.7
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004564707
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	25149.80399
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3633.122924
wavelet-LLL	glszm	SmallAreaEmphasis	0.826468408
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003998642
wavelet-LLL	glszm	ZoneEntropy	6.756476565
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003938635
wavelet-LLL	ngtdm	Coarseness	0.017549541
wavelet-LLL	ngtdm	Complexity	24490.25788
wavelet-LLL	ngtdm	Strength	52.706354
wavelet-LLL	ngtdm	Contrast	1.208767383
wavelet-LLL	ngtdm	Busyness	0.011378411
wavelet-HHL	gldm	GrayLevelVariance	13.03368848
wavelet-HHL	gldm	HighGrayLevelEmphasis	193.0302326
wavelet-HHL	gldm	DependenceEntropy	6.031611749
wavelet-HHL	gldm	DependenceNonUniformity	80.60465116
wavelet-HHL	gldm	GrayLevelNonUniformity	36.4
wavelet-HHL	gldm	SmallDependenceEmphasis	0.332534367
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	67.85216025
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.187452677
wavelet-HHL	gldm	LargeDependenceEmphasis	14.5255814
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.092717165
wavelet-HHL	gldm	DependenceVariance	4.901157382
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2602.82093
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00616406
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010501046
wavelet-HHL	glcm	JointAverage	13.49248237
wavelet-HHL	glcm	SumAverage	26.98496475
wavelet-HHL	glcm	JointEntropy	7.048739814
wavelet-HHL	glcm	ClusterShade	-18.22288883
wavelet-HHL	glcm	MaximumProbability	0.038165668
wavelet-HHL	glcm	Idmn	0.957954362
wavelet-HHL	glcm	JointEnergy	0.011084335
wavelet-HHL	glcm	Contrast	23.84394821
wavelet-HHL	glcm	DifferenceEntropy	3.34677879
wavelet-HHL	glcm	InverseVariance	0.265235505
wavelet-HHL	glcm	DifferenceVariance	10.21928204
wavelet-HHL	glcm	Idn	0.869720144
wavelet-HHL	glcm	Idm	0.265708835
wavelet-HHL	glcm	Correlation	-0.007284224
wavelet-HHL	glcm	Autocorrelation	181.989344
wavelet-HHL	glcm	SumEntropy	4.204636257
wavelet-HHL	glcm	SumSquares	11.86012708
wavelet-HHL	glcm	ClusterProminence	2052.271582

wavelet-HHL	glcm	Imc2	0.775400906
wavelet-HHL	glcm	Imc1	-0.123595702
wavelet-HHL	glcm	DifferenceAverage	3.654592332
wavelet-HHL	glcm	Id	0.351306962
wavelet-HHL	glcm	ClusterTendency	23.5965601
wavelet-HHL	firstorder	InterquartileRange	107.4103499
wavelet-HHL	firstorder	Skewness	-0.20723352
wavelet-HHL	firstorder	Uniformity	0.084651163
wavelet-HHL	firstorder	Median	-2.508584702
wavelet-HHL	firstorder	Energy	3460675.63
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	45.60904409
wavelet-HHL	firstorder	MeanAbsoluteDeviation	68.83596747
wavelet-HHL	firstorder	TotalEnergy	93438242
wavelet-HHL	firstorder	Maximum	220.8102432
wavelet-HHL	firstorder	RootMeanSquared	89.71110778
wavelet-HHL	firstorder	90Percentile	115.6323247
wavelet-HHL	firstorder	Minimum	-307.6252914
wavelet-HHL	firstorder	Entropy	3.841836251
wavelet-HHL	firstorder	Range	528.4355346
wavelet-HHL	firstorder	Variance	8044.780724
wavelet-HHL	firstorder	10Percentile	-113.2773172
wavelet-HHL	firstorder	Kurtosis	3.302917183
wavelet-HHL	firstorder	Mean	-1.817178027
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010510328
wavelet-HHL	glrlm	GrayLevelVariance	13.76413179
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.010878611
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.080421602
wavelet-HHL	glrlm	RunVariance	0.109163089
wavelet-HHL	glrlm	GrayLevelNonUniformity	31.79060536
wavelet-HHL	glrlm	LongRunEmphasis	1.294059622
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	183.3215222
wavelet-HHL	glrlm	RunLengthNonUniformity	339.446361
wavelet-HHL	glrlm	ShortRunEmphasis	0.941363024
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	247.3544967
wavelet-HHL	glrlm	RunPercentage	0.919141324
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.012697062
wavelet-HHL	glrlm	RunEntropy	4.257324881
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	194.0196529
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.858385091
wavelet-HHL	glszm	GrayLevelVariance	23.09641873
wavelet-HHL	glszm	ZoneVariance	33.95996327
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.061891644
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.40855831
wavelet-HHL	glszm	SizeZoneNonUniformity	67.41212121
wavelet-HHL	glszm	GrayLevelNonUniformity	10.21212121
wavelet-HHL	glszm	LargeAreaEmphasis	40.75151515
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	137.5203414
wavelet-HHL	glszm	ZonePercentage	0.38372093
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.25090545
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	7285.472727
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	204.1212121
wavelet-HHL	glszm	SmallAreaEmphasis	0.662617723
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.017049869
wavelet-HHL	glszm	ZoneEntropy	5.56653447

wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014680532
wavelet-HHL	ngtdm	Coarseness	0.015455762
wavelet-HHL	ngtdm	Complexity	534.9503611
wavelet-HHL	ngtdm	Strength	2.060002276
wavelet-HHL	ngtdm	Contrast	0.159628319
wavelet-HHL	ngtdm	Busyness	0.207879461
wavelet-HLH	gldm	GrayLevelVariance	20.64134667
wavelet-HLH	gldm	HighGrayLevelEmphasis	323.644186
wavelet-HLH	gldm	DependenceEntropy	6.12581791
wavelet-HLH	gldm	DependenceNonUniformity	97.35813953
wavelet-HLH	gldm	GrayLevelNonUniformity	31.09767442
wavelet-HLH	gldm	SmallDependenceEmphasis	0.429168545
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	149.048502
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.226414278
wavelet-HLH	gldm	LargeDependenceEmphasis	14.25116279
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053148958
wavelet-HLH	gldm	DependenceVariance	6.2803894
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4266.788372
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004463431
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006652849
wavelet-HLH	glcm	JointAverage	17.43580682
wavelet-HLH	glcm	SumAverage	34.87161365
wavelet-HLH	glcm	JointEntropy	7.4177968
wavelet-HLH	glcm	ClusterShade	13.77547464
wavelet-HLH	glcm	MaximumProbability	0.041466136
wavelet-HLH	glcm	Idmn	0.975943646
wavelet-HLH	glcm	JointEnergy	0.008864859
wavelet-HLH	glcm	Contrast	38.54164624
wavelet-HLH	glcm	DifferenceEntropy	3.640192349
wavelet-HLH	glcm	InverseVariance	0.229909098
wavelet-HLH	glcm	DifferenceVariance	17.23274324
wavelet-HLH	glcm	Idn	0.900568841
wavelet-HLH	glcm	Idm	0.232074282
wavelet-HLH	glcm	Correlation	-0.020723995
wavelet-HLH	glcm	Autocorrelation	303.6104317
wavelet-HLH	glcm	SumEntropy	4.47169419
wavelet-HLH	glcm	SumSquares	18.86945554
wavelet-HLH	glcm	ClusterProminence	5852.028044
wavelet-HLH	glcm	Imc2	0.852563454
wavelet-HLH	glcm	Imc1	-0.161749977
wavelet-HLH	glcm	DifferenceAverage	4.563408125
wavelet-HLH	glcm	Id	0.318216161
wavelet-HLH	glcm	ClusterTendency	36.93617592
wavelet-HLH	firstorder	InterquartileRange	124.9133801
wavelet-HLH	firstorder	Skewness	0.228951539
wavelet-HLH	firstorder	Uniformity	0.072320173
wavelet-HLH	firstorder	Median	-9.007940334
wavelet-HLH	firstorder	Energy	5496922.804
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	52.77747078
wavelet-HLH	firstorder	MeanAbsoluteDeviation	83.68236997
wavelet-HLH	firstorder	TotalEnergy	148416915.7
wavelet-HLH	firstorder	Maximum	515.6661728
wavelet-HLH	firstorder	RootMeanSquared	113.0643242
wavelet-HLH	firstorder	90Percentile	138.1535848



wavelet-HLH	firstorder	Minimum	-414.5726001
wavelet-HLH	firstorder	Entropy	4.107739976
wavelet-HLH	firstorder	Range	930.238773
wavelet-HLH	firstorder	Variance	12777.63331
wavelet-HLH	firstorder	10Percentile	-138.9733158
wavelet-HLH	firstorder	Kurtosis	4.630329479
wavelet-HLH	firstorder	Mean	-2.430656734
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006700948
wavelet-HLH	glrlm	GrayLevelVariance	21.79642339
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.006883007
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.068192483
wavelet-HLH	glrlm	RunVariance	0.095947532
wavelet-HLH	glrlm	GrayLevelNonUniformity	27.26755697
wavelet-HLH	glrlm	LongRunEmphasis	1.253233582
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	310.2225847
wavelet-HLH	glrlm	RunLengthNonUniformity	351.2565837
wavelet-HLH	glrlm	ShortRunEmphasis	0.950037234
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	401.6653463
wavelet-HLH	glrlm	RunPercentage	0.929874776
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007791001
wavelet-HLH	glrlm	RunEntropy	4.467403363
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	325.3023002
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.878115898
wavelet-HLH	glszm	GrayLevelVariance	33.84036967
wavelet-HLH	glszm	ZoneVariance	19.46262457
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.052439964
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.510840393
wavelet-HLH	glszm	SizeZoneNonUniformity	105.7439614
wavelet-HLH	glszm	GrayLevelNonUniformity	10.85507246
wavelet-HLH	glszm	LargeAreaEmphasis	23.77777778
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	264.0707712
wavelet-HLH	glszm	ZonePercentage	0.481395349
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.090560046
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	6973.086957
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	345.4396135
wavelet-HLH	glszm	SmallAreaEmphasis	0.742643138
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.009759616
wavelet-HLH	glszm	ZoneEntropy	5.557817542
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008673637
wavelet-HLH	ngtdm	Coarseness	0.015544217
wavelet-HLH	ngtdm	Complexity	1064.186783
wavelet-HLH	ngtdm	Strength	3.7331784
wavelet-HLH	ngtdm	Contrast	0.205172083
wavelet-HLH	ngtdm	Busyness	0.131104364

Image type	Feature Class	Feature Name	15: RTSTRUCT: C99-DNU_segment_GTV
general	info	BoundingBox	(0, 1, 1, 6, 4, 5)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	9e2978dc791598def72b50319c44d4974d985
general	info	ImageHash	1cc
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	98b9a54f3a4d48bb01d29d672dabfcb725edb
general	info	NumpyVersion	93e
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	56
original	shape	Maximum2DDiameterSlice	18
original	shape	Sphericity	13.41640786
original	shape	MinorAxis	0.87220829
original	shape	Elongation	12.90047591
original	shape	SurfaceVolumeRatio	0.760313834
original	shape	Volume	0.483073615
original	shape	MajorAxis	1512
original	shape	SurfaceArea	16.96730393
original	shape	Flatness	730.4073054
original	shape	LeastAxis	0.601599281
original	shape	Maximum2DDiameterColumn	10.20751785
original	shape	Maximum2DDiameterRow	16.97056275
original	gldm	GrayLevelVariance	13.41640786
original	gldm	HighGrayLevelEmphasis	97.42059949
original	gldm	DependenceEntropy	653.875
original	gldm	DependenceNonUniformity	5.008160502
original	gldm	GrayLevelNonUniformity	25.92857143
original	gldm	SmallDependenceEmphasis	2.785714286
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.70421131
original	gldm	DependenceNonUniformityNormalized	409.7857143
original	gldm	LargeDependenceEmphasis	0.463010204
original	gldm		3.785714286

original	gldm	LargeDependenceLowGrayLevelEmphasis	0.028853451
original	gldm	DependenceVariance	1.086734694
original	gldm	LargeDependenceHighGrayLevelEmphasis	3524.982143
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.024983171
original	gldm	LowGrayLevelEmphasis	0.025481557
original	glcm	JointAverage	25.86380138
original	glcm	SumAverage	51.72760276
original	glcm	JointEntropy	5.66088081
original	glcm	ClusterShade	-653.822083
original	glcm	MaximumProbability	0.039298739
original	glcm	ldmn	0.926511117
original	glcm	JointEnergy	0.020967672
original	glcm	Contrast	143.1802665
original	glcm	DifferenceEntropy	3.785624336
original	glcm	InverseVariance	0.138233599
original	glcm	DifferenceVariance	55.84391937
original	glcm	ldn	0.828943128
original	glcm	ldm	0.127418657
original	glcm	Correlation	0.15839726
original	glcm	Autocorrelation	682.7590644
original	glcm	SumEntropy	4.307867072
original	glcm	SumSquares	84.81899856
original	glcm	ClusterProminence	79880.73536
original	glcm	lmc2	0.998065859
original	glcm	lmc1	-0.661169249
original	glcm	DifferenceAverage	9.133583083
original	glcm	ld	0.206635104
original	glcm	ClusterTendency	196.0957278
original	firstorder	InterquartileRange	439.25
original	firstorder	Skewness	-0.33158332
original	firstorder	Uniformity	0.049744898
original	firstorder	Median	-231
original	firstorder	Energy	6864557
original	firstorder	RobustMeanAbsoluteDeviation	164
original	firstorder	MeanAbsoluteDeviation	211.5535714
original	firstorder	TotalEnergy	185343039
original	firstorder	Maximum	126
original	firstorder	RootMeanSquared	350.1162307
original	firstorder	90Percentile	48.5
original	firstorder	Minimum	-821
original	firstorder	Entropy	4.539148672
original	firstorder	Range	947
original	firstorder	Variance	61333.96397
original	firstorder	10Percentile	-548
original	firstorder	Kurtosis	2.177746964
original	firstorder	Mean	-247.4821429
original	glrlm	ShortRunLowGrayLevelEmphasis	0.026081292
original	glrlm	GrayLevelVariance	97.58512494

original	glrlm	LowGrayLevelRunEmphasis	0.026105698
original	glrlm	GrayLevelNonUniformityNormalized	0.048520933
original	glrlm	RunVariance	0.030674699
original	glrlm	GrayLevelNonUniformity	2.651133661
original	glrlm	LongRunEmphasis	1.083678068
original	glrlm	ShortRunHighGrayLevelEmphasis	629.0764638
original	glrlm	RunLengthNonUniformity	52.22905914
original	glrlm	ShortRunEmphasis	0.982432251
original	glrlm	LongRunHighGrayLevelEmphasis	726.2175831
original	glrlm	RunPercentage	0.975274725
original	glrlm	LongRunLowGrayLevelEmphasis	0.026218713
original	glrlm	RunEntropy	4.616760235
original	glrlm	HighGrayLevelRunEmphasis	645.9560032
original	glrlm	RunLengthNonUniformityNormalized	0.955685471
original	glszm	GrayLevelVariance	102.0843699
original	glszm	ZoneVariance	0.676041103
original	glszm	GrayLevelNonUniformityNormalized	0.042725798
original	glszm	SizeZoneNonUniformityNormalized	0.711195241
original	glszm	SizeZoneNonUniformity	30.58139535
original	glszm	GrayLevelNonUniformity	1.837209302
original	glszm	LargeAreaEmphasis	2.372093023
original	glszm	SmallAreaHighGrayLevelEmphasis	497.1653747
original	glszm	ZonePercentage	0.767857143
original	glszm	LargeAreaLowGrayLevelEmphasis	0.034556458
original	glszm	LargeAreaHighGrayLevelEmphasis	1908.906977
original	glszm	HighGrayLevelZoneEmphasis	590.1860465
original	glszm	SmallAreaEmphasis	0.865432817
original	glszm	LowGrayLevelZoneEmphasis	0.032708357
original	glszm	ZoneEntropy	4.850569697
original	glszm	SmallAreaLowGrayLevelEmphasis	0.032436818
original	ngtdm	Coarseness	0.057077122
original	ngtdm	Complexity	2738.032433
original	ngtdm	Strength	30.14911806
original	ngtdm	Contrast	2.015183402
original	ngtdm	Busyness	0.03039432
wavelet-HHH	gldm	GrayLevelVariance	13.75892857
wavelet-HHH	gldm	HighGrayLevelEmphasis	99.32142857
wavelet-HHH	gldm	DependenceEntropy	4.632811395
wavelet-HHH	gldm	DependenceNonUniformity	16.57142857
wavelet-HHH	gldm	GrayLevelNonUniformity	4.964285714
wavelet-HHH	gldm	SmallDependenceEmphasis	0.533468198
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	50.26646269
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.295918367
wavelet-HHH	gldm	LargeDependenceEmphasis	8.642857143
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.123117031
wavelet-HHH	gldm	DependenceVariance	3.253826531
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	863.9285714

wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.035021827
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.040695253
wavelet-HHH	glcm	JointAverage	9.389889497
wavelet-HHH	glcm	SumAverage	18.77977899
wavelet-HHH	glcm	JointEntropy	5.389427061
wavelet-HHH	glcm	ClusterShade	-0.540624244
wavelet-HHH	glcm	MaximumProbability	0.073535349
wavelet-HHH	glcm	Idmn	0.93527952
wavelet-HHH	glcm	JointEnergy	0.028171067
wavelet-HHH	glcm	Contrast	25.78001028
wavelet-HHH	glcm	DifferenceEntropy	3.05808646
wavelet-HHH	glcm	InverseVariance	0.20684338
wavelet-HHH	glcm	DifferenceVariance	9.011198943
wavelet-HHH	glcm	Idn	0.83471885
wavelet-HHH	glcm	Idm	0.221060692
wavelet-HHH	glcm	Correlation	-0.058573672
wavelet-HHH	glcm	Autocorrelation	87.45084706
wavelet-HHH	glcm	SumEntropy	3.612144557
wavelet-HHH	glcm	SumSquares	12.15561772
wavelet-HHH	glcm	ClusterProminence	1705.796247
wavelet-HHH	glcm	Imc2	0.987263041
wavelet-HHH	glcm	Imc1	-0.518024535
wavelet-HHH	glcm	DifferenceAverage	3.969371104
wavelet-HHH	glcm	Id	0.317634851
wavelet-HHH	glcm	ClusterTendency	22.84246061
wavelet-HHH	firstorder	InterquartileRange	118.3898436
wavelet-HHH	firstorder	Skewness	0.031500311
wavelet-HHH	firstorder	Uniformity	0.088647959
wavelet-HHH	firstorder	Median	2.619419956
wavelet-HHH	firstorder	Energy	486893.0374
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	50.75245443
wavelet-HHH	firstorder	MeanAbsoluteDeviation	74.54113352
wavelet-HHH	firstorder	TotalEnergy	13146112.01
wavelet-HHH	firstorder	Maximum	215.3559565
wavelet-HHH	firstorder	RootMeanSquared	93.24440211
wavelet-HHH	firstorder	90Percentile	117.9521101
wavelet-HHH	firstorder	Minimum	-218.8030947
wavelet-HHH	firstorder	Entropy	3.786866855
wavelet-HHH	firstorder	Range	434.1590512
wavelet-HHH	firstorder	Variance	8628.805762
wavelet-HHH	firstorder	10Percentile	-122.9311432
wavelet-HHH	firstorder	Kurtosis	2.712168321
wavelet-HHH	firstorder	Mean	-8.106340919
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.041856047
wavelet-HHH	glrlm	GrayLevelVariance	14.30406156
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.042313794
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.082620295
wavelet-HHH	glrlm	RunVariance	0.053251162
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.395984814
wavelet-HHH	glrlm	LongRunEmphasis	1.168014111

wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	95.1107211
wavelet-HHH	glrlm	RunLengthNonUniformity	48.08069395
wavelet-HHH	glrlm	ShortRunEmphasis	0.959579252
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	116.2355082
wavelet-HHH	glrlm	RunPercentage	0.949175824
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.044208095
wavelet-HHH	glrlm	RunEntropy	3.977377226
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	99.20905616
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.901886406
wavelet-HHH	glszm	GrayLevelVariance	18.75086505
wavelet-HHH	glszm	ZoneVariance	3.169550173
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.07266436
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.567474048
wavelet-HHH	glszm	SizeZoneNonUniformity	19.29411765
wavelet-HHH	glszm	GrayLevelNonUniformity	2.470588235
wavelet-HHH	glszm	LargeAreaEmphasis	5.882352941
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	72.54983829
wavelet-HHH	glszm	ZonePercentage	0.607142857
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.114251903
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	579.7058824
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	97.64705882
wavelet-HHH	glszm	SmallAreaEmphasis	0.780676079
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.059153906
wavelet-HHH	glszm	ZoneEntropy	4.233946665
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.056380126
wavelet-HHH	ngtdm	Coarseness	0.097125005
wavelet-HHH	ngtdm	Complexity	320.7028423
wavelet-HHH	ngtdm	Strength	7.313278983
wavelet-HHH	ngtdm	Contrast	0.325811805
wavelet-HHH	ngtdm	Busyness	0.079287204
wavelet-HLL	gldm	GrayLevelVariance	79.34917092
wavelet-HLL	gldm	HighGrayLevelEmphasis	330.2321429
wavelet-HLL	gldm	DependenceEntropy	5.151017645
wavelet-HLL	gldm	DependenceNonUniformity	25.71428571
wavelet-HLL	gldm	GrayLevelNonUniformity	2.357142857
wavelet-HLL	gldm	SmallDependenceEmphasis	0.668650794
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	264.405754
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.459183673
wavelet-HLL	gldm	LargeDependenceEmphasis	2.642857143
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.073344772
wavelet-HLL	gldm	DependenceVariance	0.392857143
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	680.125
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.042022515
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.047888441
wavelet-HLL	glcm	JointAverage	15.90788353
wavelet-HLL	glcm	SumAverage	31.81576705

wavelet-HLL	glcm	JointEntropy	5.786112073
wavelet-HLL	glcm	ClusterShade	777.8466922
wavelet-HLL	glcm	MaximumProbability	0.031133991
wavelet-HLL	glcm	Idmn	0.958016582
wavelet-HLL	glcm	JointEnergy	0.018727016
wavelet-HLL	glcm	Contrast	72.22675087
wavelet-HLL	glcm	DifferenceEntropy	3.517087875
wavelet-HLL	glcm	InverseVariance	0.147299689
wavelet-HLL	glcm	DifferenceVariance	24.16078519
wavelet-HLL	glcm	Idn	0.862230932
wavelet-HLL	glcm	Idm	0.129820087
wavelet-HLL	glcm	Correlation	0.49219015
wavelet-HLL	glcm	Autocorrelation	288.9835475
wavelet-HLL	glcm	SumEntropy	4.439396827
wavelet-HLL	glcm	SumSquares	71.71557019
wavelet-HLL	glcm	ClusterProminence	113199.7552
wavelet-HLL	glcm	Imc2	0.999265459
wavelet-HLL	glcm	Imc1	-0.728226194
wavelet-HLL	glcm	DifferenceAverage	6.762647712
wavelet-HLL	glcm	Id	0.221415923
wavelet-HLL	glcm	ClusterTendency	214.6355299
wavelet-HLL	firstorder	InterquartileRange	332.8385363
wavelet-HLL	firstorder	Skewness	0.443786897
wavelet-HLL	firstorder	Uniformity	0.042091837
wavelet-HLL	firstorder	Median	-85.20225254
wavelet-HLL	firstorder	Energy	3029990.51
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	127.1213518
wavelet-HLL	firstorder	MeanAbsoluteDeviation	181.7516281
wavelet-HLL	firstorder	TotalEnergy	81809743.78
wavelet-HLL	firstorder	Maximum	508.703164
wavelet-HLL	firstorder	RootMeanSquared	232.609057
wavelet-HLL	firstorder	90Percentile	212.9723343
wavelet-HLL	firstorder	Minimum	-447.0755202
wavelet-HLL	firstorder	Entropy	4.731200234
wavelet-HLL	firstorder	Range	955.7786842
wavelet-HLL	firstorder	Variance	49767.65012
wavelet-HLL	firstorder	10Percentile	-338.4068023
wavelet-HLL	firstorder	Kurtosis	2.712276285
wavelet-HLL	firstorder	Mean	-65.87354008
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.048266952
wavelet-HLL	glrlm	GrayLevelVariance	80.07479623
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.048510847
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.041912901
wavelet-HLL	glrlm	RunVariance	0.019212971
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.302049802
wavelet-HLL	glrlm	LongRunEmphasis	1.059362859
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	329.585804
wavelet-HLL	glrlm	RunLengthNonUniformity	52.83159803
wavelet-HLL	glrlm	ShortRunEmphasis	0.985159285
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	344.9733331
wavelet-HLL	glrlm	RunPercentage	0.980769231

wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.049486425
wavelet-HLL	glrlm	RunEntropy	4.76691823
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	332.6633098
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.961574059
wavelet-HLL	glszm	GrayLevelVariance	91.05045351
wavelet-HLL	glszm	ZoneVariance	0.412698413
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038548753
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.609977324
wavelet-HLL	glszm	SizeZoneNonUniformity	25.61904762
wavelet-HLL	glszm	GrayLevelNonUniformity	1.619047619
wavelet-HLL	glszm	LargeAreaEmphasis	2.19047619
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	335.2671958
wavelet-HLL	glszm	ZonePercentage	0.75
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.075962231
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	630.452381
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	371.2142857
wavelet-HLL	glszm	SmallAreaEmphasis	0.808201058
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.058393555
wavelet-HLL	glszm	ZoneEntropy	4.99339153
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.054665595
wavelet-HLL	ngtdm	Coarseness	0.122539836
wavelet-HLL	ngtdm	Complexity	1580.244684
wavelet-HLL	ngtdm	Strength	49.36853228
wavelet-HLL	ngtdm	Contrast	0.738268748
wavelet-HLL	ngtdm	Busyness	0.025810135
wavelet-LHL	gldm	GrayLevelVariance	156.4282526
wavelet-LHL	gldm	HighGrayLevelEmphasis	709.5178571
wavelet-LHL	gldm	DependenceEntropy	4.945485949
wavelet-LHL	gldm	DependenceNonUniformity	26.85714286
wavelet-LHL	gldm	GrayLevelNonUniformity	2.321428571
wavelet-LHL	gldm	SmallDependenceEmphasis	0.712301587
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	545.0634921
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.479591837
wavelet-LHL	gldm	LargeDependenceEmphasis	2.785714286
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.152563228
wavelet-LHL	gldm	DependenceVariance	0.535714286
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1628.446429
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011543596
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.039355388
wavelet-LHL	glcm	JointAverage	22.59059928
wavelet-LHL	glcm	SumAverage	45.18119855
wavelet-LHL	glcm	JointEntropy	5.79872785
wavelet-LHL	glcm	ClusterShade	4899.148917
wavelet-LHL	glcm	MaximumProbability	0.028947431
wavelet-LHL	glcm	ldmn	0.921132518
wavelet-LHL	glcm	JointEnergy	0.018478332



wavelet-LHL	glcm	Contrast	302.6062337
wavelet-LHL	glcm	DifferenceEntropy	3.982884056
wavelet-LHL	glcm	InverseVariance	0.079387359
wavelet-LHL	glcm	DifferenceVariance	128.4414289
wavelet-LHL	glcm	Idn	0.829897945
wavelet-LHL	glcm	Idm	0.090481372
wavelet-LHL	glcm	Correlation	0.129463536
wavelet-LHL	glcm	Autocorrelation	530.7659496
wavelet-LHL	glcm	SumEntropy	4.411407513
wavelet-LHL	glcm	SumSquares	171.3351004
wavelet-LHL	glcm	ClusterProminence	492249.703
wavelet-LHL	glcm	Imc2	0.999553843
wavelet-LHL	glcm	Imc1	-0.758525216
wavelet-LHL	glcm	DifferenceAverage	12.66560402
wavelet-LHL	glcm	Id	0.170878857
wavelet-LHL	glcm	ClusterTendency	382.734168
wavelet-LHL	firstorder	InterquartileRange	362.7685429
wavelet-LHL	firstorder	Skewness	0.563803218
wavelet-LHL	firstorder	Uniformity	0.041454082
wavelet-LHL	firstorder	Median	-99.92309516
wavelet-LHL	firstorder	Energy	5503584.502
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	161.8925724
wavelet-LHL	firstorder	MeanAbsoluteDeviation	243.0784626
wavelet-LHL	firstorder	TotalEnergy	148596781.5
wavelet-LHL	firstorder	Maximum	677.8629372
wavelet-LHL	firstorder	RootMeanSquared	313.4936916
wavelet-LHL	firstorder	90Percentile	447.9627184
wavelet-LHL	firstorder	Minimum	-619.4357282
wavelet-LHL	firstorder	Entropy	4.76691452
wavelet-LHL	firstorder	Range	1297.298665
wavelet-LHL	firstorder	Variance	95871.43827
wavelet-LHL	firstorder	10Percentile	-405.6135937
wavelet-LHL	firstorder	Kurtosis	2.66492368
wavelet-LHL	firstorder	Mean	-49.05972274
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.037478479
wavelet-LHL	glrlm	GrayLevelVariance	156.8182395
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.038618415
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.041188675
wavelet-LHL	glrlm	RunVariance	0.01920399
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.262442659
wavelet-LHL	glrlm	LongRunEmphasis	1.059682456
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	705.0423711
wavelet-LHL	glrlm	RunLengthNonUniformity	52.84352964
wavelet-LHL	glrlm	ShortRunEmphasis	0.985079386
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	744.8796756
wavelet-LHL	glrlm	RunPercentage	0.980769231
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.04317816
wavelet-LHL	glrlm	RunEntropy	4.807576178
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	713.009832
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.96159202
wavelet-LHL	glszm	GrayLevelVariance	158.2081612

wavelet-LHL	glszm	ZoneVariance	0.425619835
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040289256
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.684917355
wavelet-LHL	glszm	SizeZoneNonUniformity	30.13636364
wavelet-LHL	glszm	GrayLevelNonUniformity	1.772727273
wavelet-LHL	glszm	LargeAreaEmphasis	2.045454545
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	660.6560922
wavelet-LHL	glszm	ZonePercentage	0.785714286
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.097960116
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1328.25
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	748.4772727
wavelet-LHL	glszm	SmallAreaEmphasis	0.853061869
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.026424959
wavelet-LHL	glszm	ZoneEntropy	4.896820539
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008824456
wavelet-LHL	ngtdm	Coarseness	0.058563612
wavelet-LHL	ngtdm	Complexity	4750.756775
wavelet-LHL	ngtdm	Strength	46.09597127
wavelet-LHL	ngtdm	Contrast	2.743809566
wavelet-LHL	ngtdm	Busyness	0.033542345
wavelet-LHH	gldm	GrayLevelVariance	17.46141582
wavelet-LHH	gldm	HighGrayLevelEmphasis	88.80357143
wavelet-LHH	gldm	DependenceEntropy	4.76691452
wavelet-LHH	gldm	DependenceNonUniformity	22.67857143
wavelet-LHH	gldm	GrayLevelNonUniformity	4.392857143
wavelet-LHH	gldm	SmallDependenceEmphasis	0.619295635
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	62.08060516
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.40497449
wavelet-LHH	gldm	LargeDependenceEmphasis	3.321428571
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.122532618
wavelet-LHH	gldm	DependenceVariance	0.62244898
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	246.375
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.054349731
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.06399821
wavelet-LHH	glcm	JointAverage	8.515841457
wavelet-LHH	glcm	SumAverage	17.03168291
wavelet-LHH	glcm	JointEntropy	5.510937822
wavelet-LHH	glcm	ClusterShade	16.7317366
wavelet-LHH	glcm	MaximumProbability	0.044517345
wavelet-LHH	glcm	ldmn	0.922676739
wavelet-LHH	glcm	JointEnergy	0.023792506
wavelet-LHH	glcm	Contrast	33.72946087
wavelet-LHH	glcm	DifferenceEntropy	3.170304784
wavelet-LHH	glcm	InverseVariance	0.166546678
wavelet-LHH	glcm	DifferenceVariance	9.532401733
wavelet-LHH	glcm	ldn	0.810775433

wavelet-LHH	glcm	Idm	0.152187852
wavelet-LHH	glcm	Correlation	-0.109865627
wavelet-LHH	glcm	Autocorrelation	70.89626768
wavelet-LHH	glcm	SumEntropy	3.731454462
wavelet-LHH	glcm	SumSquares	15.16769107
wavelet-LHH	glcm	ClusterProminence	1893.149101
wavelet-LHH	glcm	Imc2	0.988336787
wavelet-LHH	glcm	Imc1	-0.514910774
wavelet-LHH	glcm	DifferenceAverage	4.839568048
wavelet-LHH	glcm	Id	0.254287622
wavelet-LHH	glcm	ClusterTendency	26.9413034
wavelet-LHH	firstorder	InterquartileRange	137.7453276
wavelet-LHH	firstorder	Skewness	0.507794568
wavelet-LHH	firstorder	Uniformity	0.078443878
wavelet-LHH	firstorder	Median	-17.25843517
wavelet-LHH	firstorder	Energy	598349.141
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	56.47851559
wavelet-LHH	firstorder	MeanAbsoluteDeviation	82.88087412
wavelet-LHH	firstorder	TotalEnergy	16155426.81
wavelet-LHH	firstorder	Maximum	263.2674998
wavelet-LHH	firstorder	RootMeanSquared	103.3673357
wavelet-LHH	firstorder	90Percentile	147.7998167
wavelet-LHH	firstorder	Minimum	-178.5708152
wavelet-LHH	firstorder	Entropy	3.874232719
wavelet-LHH	firstorder	Range	441.8383149
wavelet-LHH	firstorder	Variance	10681.18168
wavelet-LHH	firstorder	10Percentile	-127.845317
wavelet-LHH	firstorder	Kurtosis	2.827344271
wavelet-LHH	firstorder	Mean	-1.903788759
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.064527131
wavelet-LHH	glrlm	GrayLevelVariance	17.71435186
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.064997888
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.077776716
wavelet-LHH	glrlm	RunVariance	0.027575755
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.248319954
wavelet-LHH	glrlm	LongRunEmphasis	1.080318424
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	88.04542545
wavelet-LHH	glrlm	RunLengthNonUniformity	52.10353755
wavelet-LHH	glrlm	ShortRunEmphasis	0.981533037
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	94.7724911
wavelet-LHH	glrlm	RunPercentage	0.975274725
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.067012559
wavelet-LHH	glrlm	RunEntropy	3.963097621
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	89.32762297
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.953228149
wavelet-LHH	glszm	GrayLevelVariance	21.81985536
wavelet-LHH	glszm	ZoneVariance	0.861275477
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.067718606
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.588428665
wavelet-LHH	glszm	SizeZoneNonUniformity	22.94871795
wavelet-LHH	glszm	GrayLevelNonUniformity	2.641025641

wavelet-LHH	glszm	LargeAreaEmphasis	2.923076923
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	82.0375641
wavelet-LHH	glszm	ZonePercentage	0.696428571
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.125014918
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	238.1794872
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	96.48717949
wavelet-LHH	glszm	SmallAreaEmphasis	0.792692308
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.081253077
wavelet-LHH	glszm	ZoneEntropy	4.528741321
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.075736998
wavelet-LHH	ngtdm	Coarseness	0.07543155
wavelet-LHH	ngtdm	Complexity	465.2037102
wavelet-LHH	ngtdm	Strength	8.271530854
wavelet-LHH	ngtdm	Contrast	0.430240847
wavelet-LHH	ngtdm	Busyness	0.115673875
wavelet-LLH	gldm	GrayLevelVariance	119.1782526
wavelet-LLH	gldm	HighGrayLevelEmphasis	770.3392857
wavelet-LLH	gldm	DependenceEntropy	5.039148672
wavelet-LLH	gldm	DependenceNonUniformity	28.17857143
wavelet-LLH	gldm	GrayLevelNonUniformity	2.357142857
wavelet-LLH	gldm	SmallDependenceEmphasis	0.724082341
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	533.0560516
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.503188776
wavelet-LLH	gldm	LargeDependenceEmphasis	3.5
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.042932371
wavelet-LLH	gldm	DependenceVariance	0.917091837
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2893.767857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.038478557
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.038938266
wavelet-LLH	glcm	JointAverage	25.58603568
wavelet-LLH	glcm	SumAverage	51.17207135
wavelet-LLH	glcm	JointEntropy	5.761827757
wavelet-LLH	glcm	ClusterShade	-439.7572073
wavelet-LLH	glcm	MaximumProbability	0.035360925
wavelet-LLH	glcm	Idmn	0.941421
wavelet-LLH	glcm	JointEnergy	0.019281759
wavelet-LLH	glcm	Contrast	153.998202
wavelet-LLH	glcm	DifferenceEntropy	3.828287495
wavelet-LLH	glcm	InverseVariance	0.112374019
wavelet-LLH	glcm	DifferenceVariance	59.47630522
wavelet-LLH	glcm	Idn	0.846568655
wavelet-LLH	glcm	Idm	0.114392159
wavelet-LLH	glcm	Correlation	0.258680135
wavelet-LLH	glcm	Autocorrelation	682.1702542
wavelet-LLH	glcm	SumEntropy	4.430507185
wavelet-LLH	glcm	SumSquares	104.2943089

wavelet-LLH	glcm	ClusterProminence	198519.3733
wavelet-LLH	glcm	Imc2	0.999403955
wavelet-LLH	glcm	Imc1	-0.742820418
wavelet-LLH	glcm	DifferenceAverage	9.366344747
wavelet-LLH	glcm	Id	0.197739119
wavelet-LLH	glcm	ClusterTendency	263.1790337
wavelet-LLH	firstorder	InterquartileRange	375.6370987
wavelet-LLH	firstorder	Skewness	-0.218294928
wavelet-LLH	firstorder	Uniformity	0.042091837
wavelet-LLH	firstorder	Median	-93.04640715
wavelet-LLH	firstorder	Energy	4700642.962
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	144.3972219
wavelet-LLH	firstorder	MeanAbsoluteDeviation	216.6573821
wavelet-LLH	firstorder	TotalEnergy	126917360
wavelet-LLH	firstorder	Maximum	414.3245121
wavelet-LLH	firstorder	RootMeanSquared	289.7240979
wavelet-LLH	firstorder	90Percentile	234.358486
wavelet-LLH	firstorder	Minimum	-723.1579576
wavelet-LLH	firstorder	Entropy	4.753434386
wavelet-LLH	firstorder	Range	1137.48247
wavelet-LLH	firstorder	Variance	73936.40406
wavelet-LLH	firstorder	10Percentile	-433.9394857
wavelet-LLH	firstorder	Kurtosis	2.742731888
wavelet-LLH	firstorder	Mean	-100.0182425
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.039825886
wavelet-LLH	glrlm	GrayLevelVariance	119.9560173
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.039853685
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041375387
wavelet-LLH	glrlm	RunVariance	0.026235397
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.263714348
wavelet-LLH	glrlm	LongRunEmphasis	1.076534577
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	752.6594897
wavelet-LLH	glrlm	RunLengthNonUniformity	52.3355946
wavelet-LLH	glrlm	ShortRunEmphasis	0.982510011
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	832.9613956
wavelet-LLH	glrlm	RunPercentage	0.976648352
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.039978464
wavelet-LLH	glrlm	RunEntropy	4.821186903
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	768.0834475
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.955892884
wavelet-LLH	glszm	GrayLevelVariance	128.1544421
wavelet-LLH	glszm	ZoneVariance	0.561983471
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.03822314
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.752066116
wavelet-LLH	glszm	SizeZoneNonUniformity	33.09090909
wavelet-LLH	glszm	GrayLevelNonUniformity	1.681818182
wavelet-LLH	glszm	LargeAreaEmphasis	2.181818182
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	647.8718434
wavelet-LLH	glszm	ZonePercentage	0.785714286
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.05106821
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1715.659091

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	749.75
wavelet-LLH	glszm	SmallAreaEmphasis	0.882891414
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.049103744
wavelet-LLH	glszm	ZoneEntropy	4.92511855
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.048902242
wavelet-LLH	ngtdm	Coarseness	0.069447218
wavelet-LLH	ngtdm	Complexity	3501.501927
wavelet-LLH	ngtdm	Strength	42.17832098
wavelet-LLH	ngtdm	Contrast	1.716860418
wavelet-LLH	ngtdm	Busyness	0.02216514
wavelet-LLL	gldm	GrayLevelVariance	469.3877551
wavelet-LLL	gldm	HighGrayLevelEmphasis	2156.25
wavelet-LLL	gldm	DependenceEntropy	5.231200234
wavelet-LLL	gldm	DependenceNonUniformity	52.14285714
wavelet-LLL	gldm	GrayLevelNonUniformity	1.642857143
wavelet-LLL	gldm	SmallDependenceEmphasis	0.973214286
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2032.392857
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.931122449
wavelet-LLL	gldm	LargeDependenceEmphasis	1.107142857
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021222844
wavelet-LLL	gldm	DependenceVariance	0.034438776
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2651.678571
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.02119388
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.021199673
wavelet-LLL	glcm	JointAverage	47.79623326
wavelet-LLL	glcm	SumAverage	95.59246651
wavelet-LLL	glcm	JointEntropy	5.822191859
wavelet-LLL	glcm	ClusterShade	5606.987533
wavelet-LLL	glcm	MaximumProbability	0.023990551
wavelet-LLL	glcm	ldmn	0.922690921
wavelet-LLL	glcm	JointEnergy	0.018142912
wavelet-LLL	glcm	Contrast	808.8592269
wavelet-LLL	glcm	DifferenceEntropy	4.312654496
wavelet-LLL	glcm	InverseVariance	0.032734045
wavelet-LLL	glcm	DifferenceVariance	237.5726651
wavelet-LLL	glcm	ldn	0.812212938
wavelet-LLL	glcm	ldm	0.025898008
wavelet-LLL	glcm	Correlation	0.187280655
wavelet-LLL	glcm	Autocorrelation	2377.199014
wavelet-LLL	glcm	SumEntropy	4.625232878
wavelet-LLL	glcm	SumSquares	494.477745
wavelet-LLL	glcm	ClusterProminence	2977669.796
wavelet-LLL	glcm	lmc2	0.999908733
wavelet-LLL	glcm	lmc1	-0.854619079
wavelet-LLL	glcm	DifferenceAverage	23.54831454
wavelet-LLL	glcm	ld	0.081283652

wavelet-LLL	glcm	ClusterTendency	1169.051753
wavelet-LLL	firstorder	InterquartileRange	789.9997097
wavelet-LLL	firstorder	Skewness	0.359992369
wavelet-LLL	firstorder	Uniformity	0.029336735
wavelet-LLL	firstorder	Median	-951.7023311
wavelet-LLL	firstorder	Energy	57855936.75
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	332.4585174
wavelet-LLL	firstorder	MeanAbsoluteDeviation	454.6572582
wavelet-LLL	firstorder	TotalEnergy	1562110292
wavelet-LLL	firstorder	Maximum	443.697002
wavelet-LLL	firstorder	RootMeanSquared	1016.435796
wavelet-LLL	firstorder	90Percentile	-174.4276907
wavelet-LLL	firstorder	Minimum	-1854.130189
wavelet-LLL	firstorder	Entropy	5.231200234
wavelet-LLL	firstorder	Range	2297.827191
wavelet-LLL	firstorder	Variance	294985.4471
wavelet-LLL	firstorder	10Percentile	-1483.856673
wavelet-LLL	firstorder	Kurtosis	2.451476734
wavelet-LLL	firstorder	Mean	-859.1602182
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.021228794
wavelet-LLL	glrlm	GrayLevelVariance	469.0116087
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.021229021
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.029343254
wavelet-LLL	glrlm	RunVariance	0.001373172
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.640959041
wavelet-LLL	glrlm	LongRunEmphasis	1.004195804
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2147.948252
wavelet-LLL	glrlm	RunLengthNonUniformity	55.77202797
wavelet-LLL	glrlm	ShortRunEmphasis	0.998951049
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2172.2
wavelet-LLL	glrlm	RunPercentage	0.998626374
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.021229928
wavelet-LLL	glrlm	RunEntropy	5.231191995
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2152.798601
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.997253655
wavelet-LLL	glszm	GrayLevelVariance	464.4978512
wavelet-LLL	glszm	ZoneVariance	0.01785124
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.029421488
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.964297521
wavelet-LLL	glszm	SizeZoneNonUniformity	53.03636364
wavelet-LLL	glszm	GrayLevelNonUniformity	1.618181818
wavelet-LLL	glszm	LargeAreaEmphasis	1.054545455
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2048.327273
wavelet-LLL	glszm	ZonePercentage	0.982142857
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.021592986
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2363.6
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2111.381818
wavelet-LLL	glszm	SmallAreaEmphasis	0.986363636
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.02158119
wavelet-LLL	glszm	ZoneEntropy	5.231093122
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021578241

wavelet-LLL	ngtdm	Coarseness	0.039360532
wavelet-LLL	ngtdm	Complexity	19863.74361
wavelet-LLL	ngtdm	Strength	93.55937342
wavelet-LLL	ngtdm	Contrast	8.887818393
wavelet-LLL	ngtdm	Busyness	0.023676113
wavelet-HHL	gldm	GrayLevelVariance	27.78284439
wavelet-HHL	gldm	HighGrayLevelEmphasis	142.1964286
wavelet-HHL	gldm	DependenceEntropy	4.614605145
wavelet-HHL	gldm	DependenceNonUniformity	18.85714286
wavelet-HHL	gldm	GrayLevelNonUniformity	4.464285714
wavelet-HHL	gldm	SmallDependenceEmphasis	0.562098214
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	106.456875
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.336734694
wavelet-HHL	gldm	LargeDependenceEmphasis	4.428571429
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.10452854
wavelet-HHL	gldm	DependenceVariance	0.979591837
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	381.7678571
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025399087
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.034421167
wavelet-HHL	glcm	JointAverage	10.57406961
wavelet-HHL	glcm	SumAverage	21.14813921
wavelet-HHL	glcm	JointEntropy	5.490165895
wavelet-HHL	glcm	ClusterShade	174.8628096
wavelet-HHL	glcm	MaximumProbability	0.054857559
wavelet-HHL	glcm	ldmn	0.926155768
wavelet-HHL	glcm	JointEnergy	0.025048469
wavelet-HHL	glcm	Contrast	57.09731564
wavelet-HHL	glcm	DifferenceEntropy	3.487837056
wavelet-HHL	glcm	InverseVariance	0.170423492
wavelet-HHL	glcm	DifferenceVariance	19.54905245
wavelet-HHL	glcm	ldn	0.822947552
wavelet-HHL	glcm	ldm	0.164948015
wavelet-HHL	glcm	Correlation	-0.055894907
wavelet-HHL	glcm	Autocorrelation	110.4006041
wavelet-HHL	glcm	SumEntropy	3.906616706
wavelet-HHL	glcm	SumSquares	27.01383399
wavelet-HHL	glcm	ClusterProminence	7879.774098
wavelet-HHL	glcm	lmc2	0.99126268
wavelet-HHL	glcm	lmc1	-0.550112344
wavelet-HHL	glcm	DifferenceAverage	5.998788423
wavelet-HHL	glcm	ld	0.253046782
wavelet-HHL	glcm	ClusterTendency	50.9580203
wavelet-HHL	firstorder	InterquartileRange	182.0041549
wavelet-HHL	firstorder	Skewness	0.655832789
wavelet-HHL	firstorder	Uniformity	0.079719388
wavelet-HHL	firstorder	Median	-38.00991726



wavelet-HHL	firstorder	Energy	967286.3199
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	78.63012537
wavelet-HHL	firstorder	MeanAbsoluteDeviation	109.8988757
wavelet-HHL	firstorder	TotalEnergy	26116730.64
wavelet-HHL	firstorder	Maximum	352.8895603
wavelet-HHL	firstorder	RootMeanSquared	131.4266716
wavelet-HHL	firstorder	90Percentile	194.8237737
wavelet-HHL	firstorder	Minimum	-246.1954092
wavelet-HHL	firstorder	Entropy	3.944452799
wavelet-HHL	firstorder	Range	599.0849694
wavelet-HHL	firstorder	Variance	17246.49252
wavelet-HHL	firstorder	10Percentile	-135.3386698
wavelet-HHL	firstorder	Kurtosis	2.96058326
wavelet-HHL	firstorder	Mean	5.145627046
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.034386542
wavelet-HHL	glrlm	GrayLevelVariance	28.21550555
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.034904037
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.077650561
wavelet-HHL	glrlm	RunVariance	0.038813584
wavelet-HHL	glrlm	GrayLevelNonUniformity	4.206236342
wavelet-HHL	glrlm	LongRunEmphasis	1.110384745
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	142.8542084
wavelet-HHL	glrlm	RunLengthNonUniformity	50.91205419
wavelet-HHL	glrlm	ShortRunEmphasis	0.975723353
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	153.1026352
wavelet-HHL	glrlm	RunPercentage	0.967032967
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.037110946
wavelet-HHL	glrlm	RunEntropy	4.069514052
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	144.55696
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.939076497
wavelet-HHL	glszm	GrayLevelVariance	33.11346939
wavelet-HHL	glszm	ZoneVariance	2.011428571
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.062857143
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.575510204
wavelet-HHL	glszm	SizeZoneNonUniformity	20.14285714
wavelet-HHL	glszm	GrayLevelNonUniformity	2.2
wavelet-HHL	glszm	LargeAreaEmphasis	4.571428571
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	160.6261687
wavelet-HHL	glszm	ZonePercentage	0.625
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.116997265
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	416.2571429
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	181.2571429
wavelet-HHL	glszm	SmallAreaEmphasis	0.785121032
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.042609982
wavelet-HHL	glszm	ZoneEntropy	4.357295874
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.038249111
wavelet-HHL	ngtdm	Coarseness	0.059054306
wavelet-HHL	ngtdm	Complexity	817.5413748
wavelet-HHL	ngtdm	Strength	12.24778311
wavelet-HHL	ngtdm	Contrast	0.679377225
wavelet-HHL	ngtdm	Busyness	0.10676421

wavelet-HLH	gldm	GrayLevelVariance	27.1348852
wavelet-HLH	gldm	HighGrayLevelEmphasis	206.9821429
wavelet-HLH	gldm	DependenceEntropy	4.641565413
wavelet-HLH	gldm	DependenceNonUniformity	14.85714286
wavelet-HLH	gldm	GrayLevelNonUniformity	4.892857143
wavelet-HLH	gldm	SmallDependenceEmphasis	0.48000496
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	88.4490873
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.265306122
wavelet-HLH	gldm	LargeDependenceEmphasis	7.142857143
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.06627967
wavelet-HLH	gldm	DependenceVariance	1.918367347
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1386.696429
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.026828597
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.029798218
wavelet-HLH	glcm	JointAverage	13.27770346
wavelet-HLH	glcm	SumAverage	26.55540692
wavelet-HLH	glcm	JointEntropy	5.376222804
wavelet-HLH	glcm	ClusterShade	175.0287635
wavelet-HLH	glcm	MaximumProbability	0.058501824
wavelet-HLH	glcm	ldmn	0.94540458
wavelet-HLH	glcm	JointEnergy	0.027327714
wavelet-HLH	glcm	Contrast	47.61298298
wavelet-HLH	glcm	DifferenceEntropy	3.267238509
wavelet-HLH	glcm	InverseVariance	0.200559615
wavelet-HLH	glcm	DifferenceVariance	21.98435344
wavelet-HLH	glcm	ldn	0.856705811
wavelet-HLH	glcm	ldm	0.216036836
wavelet-HLH	glcm	Correlation	-0.037288694
wavelet-HLH	glcm	Autocorrelation	175.5716223
wavelet-HLH	glcm	SumEntropy	3.802234786
wavelet-HLH	glcm	SumSquares	22.85113713
wavelet-HLH	glcm	ClusterProminence	8056.219813
wavelet-HLH	glcm	lmc2	0.986011645
wavelet-HLH	glcm	lmc1	-0.511444057
wavelet-HLH	glcm	DifferenceAverage	4.957585469
wavelet-HLH	glcm	ld	0.30583025
wavelet-HLH	glcm	ClusterTendency	43.79156554
wavelet-HLH	firstorder	InterquartileRange	118.1160824
wavelet-HLH	firstorder	Skewness	0.386908004
wavelet-HLH	firstorder	Uniformity	0.087372449
wavelet-HLH	firstorder	Median	10.58935741
wavelet-HLH	firstorder	Energy	973386.0381
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	56.50203622
wavelet-HLH	firstorder	MeanAbsoluteDeviation	95.57626321
wavelet-HLH	firstorder	TotalEnergy	26281423.03
wavelet-HLH	firstorder	Maximum	347.9138489

wavelet-HLH	firstorder	RootMeanSquared	131.8404093
wavelet-HLH	firstorder	90Percentile	207.8832947
wavelet-HLH	firstorder	Minimum	-284.5985178
wavelet-HLH	firstorder	Entropy	3.766628584
wavelet-HLH	firstorder	Range	632.5123666
wavelet-HLH	firstorder	Variance	16869.04568
wavelet-HLH	firstorder	10Percentile	-120.4639708
wavelet-HLH	firstorder	Kurtosis	3.55314718
wavelet-HLH	firstorder	Mean	22.64614444
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.030833509
wavelet-HLH	glrlm	GrayLevelVariance	27.94161841
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.031060082
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.084499691
wavelet-HLH	glrlm	RunVariance	0.052209737
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.49895092
wavelet-HLH	glrlm	LongRunEmphasis	1.161203773
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	199.2234393
wavelet-HLH	glrlm	RunLengthNonUniformity	48.17714801
wavelet-HLH	glrlm	ShortRunEmphasis	0.961374941
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	239.9241504
wavelet-HLH	glrlm	RunPercentage	0.950549451
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.032006037
wavelet-HLH	glrlm	RunEntropy	3.966195517
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	207.137002
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.903920513
wavelet-HLH	glszm	GrayLevelVariance	37.01
wavelet-HLH	glszm	ZoneVariance	3.648888889
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.071111111
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.557777778
wavelet-HLH	glszm	SizeZoneNonUniformity	16.733333333
wavelet-HLH	glszm	GrayLevelNonUniformity	2.133333333
wavelet-HLH	glszm	LargeAreaEmphasis	7.133333333
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	132.7160289
wavelet-HLH	glszm	ZonePercentage	0.535714286
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.087416662
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1371.3
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	198.3
wavelet-HLH	glszm	SmallAreaEmphasis	0.767622118
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.050612654
wavelet-HLH	glszm	ZoneEntropy	4.164735179
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.049380982
wavelet-HLH	ngtdm	Coarseness	0.075065397
wavelet-HLH	ngtdm	Complexity	592.4493613
wavelet-HLH	ngtdm	Strength	11.57790393
wavelet-HLH	ngtdm	Contrast	0.794154548
wavelet-HLH	ngtdm	Busyness	0.0683165

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	(0, 0, 1, 15, 13, 12)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	ba62d046cf972dcb5c72ea93a8987cb4b787d8f4
general	info	ImageHash	8f4
general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	MaskHash	a08abd13bb93e17f0140382377f23fc1d67d48e1
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	1023
original	shape	Maximum3DDiameter	45.19955752
original	shape	Maximum2DDiameterSlice	44.59820624
original	shape	Sphericity	0.834911391
original	shape	MinorAxis	35.79967513
original	shape	Elongation	0.93532003
original	shape	SurfaceVolumeRatio	0.191615486
original	shape	Volume	27621
original	shape	MajorAxis	38.27532177
original	shape	SurfaceArea	5292.611343
original	shape	Flatness	0.757048607
original	shape	LeastAxis	28.97627903
original	shape	Maximum2DDiameterColumn	44.29446918
original	shape	Maximum2DDiameterRow	40.36087214
original	gldm	GrayLevelVariance	161.2271327
original	gldm	HighGrayLevelEmphasis	586.6832845
original	gldm	DependenceEntropy	7.029050091
original	gldm	DependenceNonUniformity	153.7487781
original	gldm	GrayLevelNonUniformity	65.24046921
original	gldm	SmallDependenceEmphasis	0.364718007
original	gldm	SmallDependenceHighGrayLevelEmphasis	163.3304765
original	gldm	DependenceNonUniformityNormalized	0.150292061
original	gldm	LargeDependenceEmphasis	51.06060606
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.338625072
original	gldm	DependenceVariance	27.65695361

original	gldm	LargeDependenceHighGrayLevelEmphasis	56030.57967
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007126614
original	gldm	LowGrayLevelEmphasis	0.021449902
original	glcm	JointAverage	21.34928467
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original	glcm	JointEntropy	7.959445927
original	glcm	ClusterShade	-2110.565056
original	glcm	MaximumProbability	0.110385208
original	glcm	ldmn	0.953182447
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original	glcm	Contrast	85.23059239
original	glcm	DifferenceEntropy	3.988609766
original	glcm	InverseVariance	0.243142992
original	glcm	DifferenceVariance	49.36581761
original	glcm	ldn	0.88371795
original	glcm	ldm	0.316818474
original	glcm	Correlation	0.734106232
original	glcm	Autocorrelation	573.5453061
original	glcm	SumEntropy	5.567045226
original	glcm	SumSquares	160.3509823
original	glcm	ClusterProminence	447646.0145
original	glcm	lmc2	0.948168099
original	glcm	lmc1	-0.253602289
original	glcm	DifferenceAverage	5.940391159
original	glcm	ld	0.377785137
original	glcm	ClusterTendency	556.1733369
original	firstorder	InterquartileRange	682.5
original	firstorder	Skewness	-0.103071253
original	firstorder	Uniformity	0.063773675
original	firstorder	Median	-302
original	firstorder	Energy	209557092
original	firstorder	RobustMeanAbsoluteDeviation	267.7184466
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original	firstorder	TotalEnergy	5658041484
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original	firstorder	RootMeanSquared	452.5987652
original	firstorder	90Percentile	42
original	firstorder	Minimum	-801
original	firstorder	Entropy	4.61746304
original	firstorder	Range	914
original	firstorder	Variance	100966.3989
original	firstorder	10Percentile	-738
original	firstorder	Kurtosis	1.330913305
original	firstorder	Mean	-322.3030303
original	gllm	ShortRunLowGrayLevelEmphasis	0.021394402
original	gllm	GrayLevelVariance	151.5429643
original	gllm	LowGrayLevelRunEmphasis	0.02292935
original	gllm	GrayLevelNonUniformityNormalized	0.044878076
original	gllm	RunVariance	0.338243154
original	gllm	GrayLevelNonUniformity	39.15379491
original	gllm	LongRunEmphasis	1.716016547
original	gllm	ShortRunHighGrayLevelEmphasis	443.7916468
original	gllm	RunLengthNonUniformity	691.6252069

original	glrlm	ShortRunEmphasis	0.909124293
original	glrlm	LongRunHighGrayLevelEmphasis	1250.663162
original	glrlm	RunPercentage	0.852394917
original	glrlm	LongRunLowGrayLevelEmphasis	0.030216655
original	glrlm	RunEntropy	5.321369847
original	glrlm	HighGrayLevelRunEmphasis	522.5967799
original	glrlm	RunLengthNonUniformityNormalized	0.792923344
original	glszm	GrayLevelVariance	99.85551888
original	glszm	ZoneVariance	110.5061295
original	glszm	GrayLevelNonUniformityNormalized	0.030292726
original	glszm	SizeZoneNonUniformityNormalized	0.556941766
original	glszm	SizeZoneNonUniformity	230.0169492
original	glszm	GrayLevelNonUniformity	12.51089588
original	glszm	LargeAreaEmphasis	116.6416465
original	glszm	SmallAreaHighGrayLevelEmphasis	348.6213787
original	glszm	ZonePercentage	0.403714565
original	glszm	LargeAreaLowGrayLevelEmphasis	1.083143405
original	glszm	LargeAreaHighGrayLevelEmphasis	124267.954
original	glszm	HighGrayLevelZoneEmphasis	443.8547215
original	glszm	SmallAreaEmphasis	0.773863338
original	glszm	LowGrayLevelZoneEmphasis	0.019132638
original	glszm	ZoneEntropy	6.172849796
original	glszm	SmallAreaLowGrayLevelEmphasis	0.014389317
original	ngtdm	Coarseness	0.005478201
original	ngtdm	Complexity	2618.755982
original	ngtdm	Strength	5.015319852
original	ngtdm	Contrast	0.960548088
original	ngtdm	Busyness	0.195114036
wavelet-HHH	gldm	GrayLevelVariance	8.168771243
wavelet-HHH	gldm	HighGrayLevelEmphasis	165.2385142
wavelet-HHH	gldm	DependenceEntropy	6.112138975
wavelet-HHH	gldm	DependenceNonUniformity	132.14174
wavelet-HHH	gldm	GrayLevelNonUniformity	130.4740958
wavelet-HHH	gldm	SmallDependenceEmphasis	0.266789505
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	45.91800438
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.129170811
wavelet-HHH	gldm	LargeDependenceEmphasis	29.56109482
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.196929949
wavelet-HHH	gldm	DependenceVariance	11.22126764
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4655.115347
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004194791
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.009354321
wavelet-HHH	glcm	JointAverage	12.5273496
wavelet-HHH	glcm	SumAverage	25.0546992
wavelet-HHH	glcm	JointEntropy	6.650007766
wavelet-HHH	glcm	ClusterShade	-6.905576643
wavelet-HHH	glcm	MaximumProbability	0.066892502
wavelet-HHH	glcm	ldmn	0.971219283
wavelet-HHH	glcm	JointEnergy	0.021257224
wavelet-HHH	glcm	Contrast	17.19067018
wavelet-HHH	glcm	DifferenceEntropy	3.153832708
wavelet-HHH	glcm	InverseVariance	0.310702089
wavelet-HHH	glcm	DifferenceVariance	8.189380482

wavelet-HHH	glcm	Idn	0.894833652
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wavelet-HHH	glcm	Correlation	-0.036369577
wavelet-HHH	glcm	Autocorrelation	156.6372003
wavelet-HHH	glcm	SumEntropy	3.925628412
wavelet-HHH	glcm	SumSquares	8.297852918
wavelet-HHH	glcm	ClusterProminence	1107.676456
wavelet-HHH	glcm	Imc2	0.611102604
wavelet-HHH	glcm	Imc1	-0.069779271
wavelet-HHH	glcm	DifferenceAverage	2.983982371
wavelet-HHH	glcm	Id	0.40868603
wavelet-HHH	glcm	ClusterTendency	16.0007415
wavelet-HHH	firstorder	InterquartileRange	66.56734017
wavelet-HHH	firstorder	Skewness	-0.17795932
wavelet-HHH	firstorder	Uniformity	0.127540661
wavelet-HHH	firstorder	Median	1.067045217
wavelet-HHH	firstorder	Energy	5203591.948
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	29.18787692
wavelet-HHH	firstorder	MeanAbsoluteDeviation	50.35173346
wavelet-HHH	firstorder	TotalEnergy	140496982.6
wavelet-HHH	firstorder	Maximum	270.6537201
wavelet-HHH	firstorder	RootMeanSquared	71.32040483
wavelet-HHH	firstorder	90Percentile	84.3744714
wavelet-HHH	firstorder	Minimum	-284.5734513
wavelet-HHH	firstorder	Entropy	3.440037754
wavelet-HHH	firstorder	Range	555.2271714
wavelet-HHH	firstorder	Variance	5086.137028
wavelet-HHH	firstorder	10Percentile	-81.62808422
wavelet-HHH	firstorder	Kurtosis	4.632415741
wavelet-HHH	firstorder	Mean	0.680526675
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.009132865
wavelet-HHH	glrlm	GrayLevelVariance	9.058964809
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00973872
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalzied	0.113347462
wavelet-HHH	glrlm	RunVariance	0.1964519
wavelet-HHH	glrlm	GrayLevelNonUniformity	101.3172502
wavelet-HHH	glrlm	LongRunEmphasis	1.506879207
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	151.843832
wavelet-HHH	glrlm	RunLengthNonUniformity	708.0727131
wavelet-HHH	glrlm	ShortRunEmphasis	0.910118362
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	246.5033496
wavelet-HHH	glrlm	RunPercentage	0.873749906
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.013117587
wavelet-HHH	glrlm	RunEntropy	4.096064972
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	166.1641186
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.791976113
wavelet-HHH	glszm	GrayLevelVariance	19.80622644
wavelet-HHH	glszm	ZoneVariance	313.5705589
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.072679032
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.476740726
wavelet-HHH	glszm	SizeZoneNonUniformity	135.3943662
wavelet-HHH	glszm	GrayLevelNonUniformity	20.64084507
wavelet-HHH	glszm	LargeAreaEmphasis	326.5457746

wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	124.8141377
wavelet-HHH	glszm	ZonePercentage	0.277614858
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.119435077
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	51241.68662
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	175.7922535
wavelet-HHH	glszm	SmallAreaEmphasis	0.717564274
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.015557653
wavelet-HHH	glszm	ZoneEntropy	5.360523615
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.013255095
wavelet-HHH	ngtdm	Coarseness	0.007308967
wavelet-HHH	ngtdm	Complexity	452.877454
wavelet-HHH	ngtdm	Strength	1.09846888
wavelet-HHH	ngtdm	Contrast	0.069326232
wavelet-HHH	ngtdm	Busyness	0.358925275
wavelet-HLL	gldm	GrayLevelVariance	33.86145248
wavelet-HLL	gldm	HighGrayLevelEmphasis	471.4604106
wavelet-HLL	gldm	DependenceEntropy	6.743985875
wavelet-HLL	gldm	DependenceNonUniformity	208.2473118
wavelet-HLL	gldm	GrayLevelNonUniformity	56.78494624
wavelet-HLL	gldm	SmallDependenceEmphasis	0.371437526
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	187.7315534
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.20356531
wavelet-HLL	gldm	LargeDependenceEmphasis	14.68719453
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.039584289
wavelet-HLL	gldm	DependenceVariance	5.792456779
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	6353.237537
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002357183
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.004166162
wavelet-HLL	glcm	JointAverage	20.73947755
wavelet-HLL	glcm	SumAverage	41.4789551
wavelet-HLL	glcm	JointEntropy	8.353821832
wavelet-HLL	glcm	ClusterShade	199.9553735
wavelet-HLL	glcm	MaximumProbability	0.024071466
wavelet-HLL	glcm	ldmn	0.979867165
wavelet-HLL	glcm	JointEnergy	0.005003278
wavelet-HLL	glcm	Contrast	46.86476883
wavelet-HLL	glcm	DifferenceEntropy	3.760676129
wavelet-HLL	glcm	InverseVariance	0.231605579
wavelet-HLL	glcm	DifferenceVariance	21.84914745
wavelet-HLL	glcm	ldn	0.910900051
wavelet-HLL	glcm	ldm	0.229696262
wavelet-HLL	glcm	Correlation	0.293626048
wavelet-HLL	glcm	Autocorrelation	439.9321843
wavelet-HLL	glcm	SumEntropy	5.155820181
wavelet-HLL	glcm	SumSquares	33.23522172
wavelet-HLL	glcm	ClusterProminence	29250.1123
wavelet-HLL	glcm	lmc2	0.832156297
wavelet-HLL	glcm	lmc1	-0.138405146
wavelet-HLL	glcm	DifferenceAverage	4.895035933
wavelet-HLL	glcm	ld	0.314085484
wavelet-HLL	glcm	ClusterTendency	86.07611805
wavelet-HLL	firstorder	InterquartileRange	166.9684731
wavelet-HLL	firstorder	Skewness	0.284640851



wavelet-HLL	firstorder	Uniformity	0.055508256
wavelet-HLL	firstorder	Median	10.10871024
wavelet-HLL	firstorder	Energy	21711547.75
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	69.54230252
wavelet-HLL	firstorder	MeanAbsoluteDeviation	108.2795685
wavelet-HLL	firstorder	TotalEnergy	586211789.4
wavelet-HLL	firstorder	Maximum	636.8428412
wavelet-HLL	firstorder	RootMeanSquared	145.6825636
wavelet-HLL	firstorder	90Percentile	173.733338
wavelet-HLL	firstorder	Minimum	-492.5808306
wavelet-HLL	firstorder	Entropy	4.499070034
wavelet-HLL	firstorder	Range	1129.423672
wavelet-HLL	firstorder	Variance	21118.42496
wavelet-HLL	firstorder	10Percentile	-171.9115963
wavelet-HLL	firstorder	Kurtosis	4.327993129
wavelet-HLL	firstorder	Mean	10.2461883
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.004137246
wavelet-HLL	grlm	GrayLevelVariance	35.50424776
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.004286564
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.052912263
wavelet-HLL	grlm	RunVariance	0.104307165
wavelet-HLL	grlm	GrayLevelNonUniformity	50.01296775
wavelet-HLL	grlm	LongRunEmphasis	1.27861148
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	449.984059
wavelet-HLL	grlm	RunLengthNonUniformity	818.8494743
wavelet-HLL	grlm	ShortRunEmphasis	0.944679272
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	595.1659848
wavelet-HLL	grlm	RunPercentage	0.923753666
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.00505358
wavelet-HLL	grlm	RunEntropy	4.901106483
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	474.3307691
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.865710143
wavelet-HLL	glszm	GrayLevelVariance	52.3182129
wavelet-HLL	glszm	ZoneVariance	17.77225718
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041063463
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.43644264
wavelet-HLL	glszm	SizeZoneNonUniformity	190.2889908
wavelet-HLL	glszm	GrayLevelNonUniformity	17.90366972
wavelet-HLL	glszm	LargeAreaEmphasis	23.27752294
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	354.5182651
wavelet-HLL	glszm	ZonePercentage	0.426197458
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.063837476
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	9952.646789
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	504.0756881
wavelet-HLL	glszm	SmallAreaEmphasis	0.686646848
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.005950708
wavelet-HLL	glszm	ZoneEntropy	6.317734638
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004983868
wavelet-HLL	ngtdm	Coarseness	0.007710321
wavelet-HLL	ngtdm	Complexity	2249.778475
wavelet-HLL	ngtdm	Strength	4.340833552
wavelet-HLL	ngtdm	Contrast	0.146296913
wavelet-HLL	ngtdm	Busyness	0.132296698

wavelet-LHL	gldm	GrayLevelVariance	64.82886762
wavelet-LHL	gldm	HighGrayLevelEmphasis	2085.783969
wavelet-LHL	gldm	DependenceEntropy	7.030494992
wavelet-LHL	gldm	DependenceNonUniformity	222.3861193
wavelet-LHL	gldm	GrayLevelNonUniformity	51.9599218
wavelet-LHL	gldm	SmallDependenceEmphasis	0.43318216
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	914.5522623
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.217386236
wavelet-LHL	gldm	LargeDependenceEmphasis	18.21407625
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009974207
wavelet-LHL	gldm	DependenceVariance	8.882633926
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	37856.6696
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001261504
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001556468
wavelet-LHL	glcm	JointAverage	44.9507353
wavelet-LHL	glcm	SumAverage	89.9014706
wavelet-LHL	glcm	JointEntropy	8.696558319
wavelet-LHL	glcm	ClusterShade	-647.1467675
wavelet-LHL	glcm	MaximumProbability	0.031304177
wavelet-LHL	glcm	ldmn	0.980080364
wavelet-LHL	glcm	JointEnergy	0.005146865
wavelet-LHL	glcm	Contrast	128.9707465
wavelet-LHL	glcm	DifferenceEntropy	4.30931576
wavelet-LHL	glcm	InverseVariance	0.189791587
wavelet-LHL	glcm	DifferenceVariance	71.66393685
wavelet-LHL	glcm	ldn	0.918828128
wavelet-LHL	glcm	ldm	0.208643497
wavelet-LHL	glcm	Correlation	0.035258126
wavelet-LHL	glcm	Autocorrelation	2023.018211
wavelet-LHL	glcm	SumEntropy	5.374970325
wavelet-LHL	glcm	SumSquares	66.93101004
wavelet-LHL	glcm	ClusterProminence	116313.8529
wavelet-LHL	glcm	lmc2	0.926601615
wavelet-LHL	glcm	lmc1	-0.20475319
wavelet-LHL	glcm	DifferenceAverage	7.373871464
wavelet-LHL	glcm	ld	0.286114134
wavelet-LHL	glcm	ClusterTendency	138.7532936
wavelet-LHL	firstorder	InterquartileRange	180.7348533
wavelet-LHL	firstorder	Skewness	-0.601801305
wavelet-LHL	firstorder	Uniformity	0.050791712
wavelet-LHL	firstorder	Median	-4.028790971
wavelet-LHL	firstorder	Energy	41570880.51
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	77.05964775
wavelet-LHL	firstorder	MeanAbsoluteDeviation	137.542596
wavelet-LHL	firstorder	TotalEnergy	1122413774
wavelet-LHL	firstorder	Maximum	725.8703425
wavelet-LHL	firstorder	RootMeanSquared	201.5843417
wavelet-LHL	firstorder	90Percentile	220.8908742
wavelet-LHL	firstorder	Minimum	-1100.097996
wavelet-LHL	firstorder	Entropy	4.831738658
wavelet-LHL	firstorder	Range	1825.968339
wavelet-LHL	firstorder	Variance	40451.82703
wavelet-LHL	firstorder	10Percentile	-242.3893816

wavelet-LHL	firstorder	Kurtosis	6.040432109
wavelet-LHL	firstorder	Mean	-13.58012526
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.001620275
wavelet-LHL	glrlm	GrayLevelVariance	69.08593733
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.001647856
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.046095689
wavelet-LHL	glrlm	RunVariance	0.119504379
wavelet-LHL	glrlm	GrayLevelNonUniformity	43.4437875
wavelet-LHL	glrlm	LongRunEmphasis	1.300617934
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1973.384379
wavelet-LHL	glrlm	RunLengthNonUniformity	818.1894487
wavelet-LHL	glrlm	ShortRunEmphasis	0.945189914
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2711.760987
wavelet-LHL	glrlm	RunPercentage	0.920971502
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.001797106
wavelet-LHL	glrlm	RunEntropy	5.259738099
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2086.771172
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.867709183
wavelet-LHL	glszm	GrayLevelVariance	106.0073265
wavelet-LHL	glszm	ZoneVariance	26.45288382
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.031031758
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.526080225
wavelet-LHL	glszm	SizeZoneNonUniformity	261.9879518
wavelet-LHL	glszm	GrayLevelNonUniformity	15.45381526
wavelet-LHL	glszm	LargeAreaEmphasis	30.67269076
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1596.436343
wavelet-LHL	glszm	ZonePercentage	0.486803519
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.017131842
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	63556.85341
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2100.580321
wavelet-LHL	glszm	SmallAreaEmphasis	0.753086139
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002657012
wavelet-LHL	glszm	ZoneEntropy	6.481509695
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.00251844
wavelet-LHL	ngtdm	Coarseness	0.007630212
wavelet-LHL	ngtdm	Complexity	7623.333683
wavelet-LHL	ngtdm	Strength	9.187733853
wavelet-LHL	ngtdm	Contrast	0.191864709
wavelet-LHL	ngtdm	Busyness	0.036789769
wavelet-LHH	gldm	GrayLevelVariance	32.01977012
wavelet-LHH	gldm	HighGrayLevelEmphasis	630.3792766
wavelet-LHH	gldm	DependenceEntropy	6.615708124
wavelet-LHH	gldm	DependenceNonUniformity	179.2502444
wavelet-LHH	gldm	GrayLevelNonUniformity	80.17302053
wavelet-LHH	gldm	SmallDependenceEmphasis	0.372849318
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	259.6788409
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.17522018
wavelet-LHH	gldm	LargeDependenceEmphasis	25.12316716
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044977678
wavelet-LHH	gldm	DependenceVariance	11.65003359
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	14861.51515
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001891498
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003122552

wavelet-LHH	glcm	JointAverage	24.46906274
wavelet-LHH	glcm	SumAverage	48.93812549
wavelet-LHH	glcm	JointEntropy	7.868099316
wavelet-LHH	glcm	ClusterShade	168.3796282
wavelet-LHH	glcm	MaximumProbability	0.055269155
wavelet-LHH	glcm	Idmn	0.976932506
wavelet-LHH	glcm	JointEnergy	0.011996852
wavelet-LHH	glcm	Contrast	68.47903035
wavelet-LHH	glcm	DifferenceEntropy	3.944229843
wavelet-LHH	glcm	InverseVariance	0.240599518
wavelet-LHH	glcm	DifferenceVariance	37.33515894
wavelet-LHH	glcm	Idn	0.911893164
wavelet-LHH	glcm	Idm	0.264170851
wavelet-LHH	glcm	Correlation	-0.036270378
wavelet-LHH	glcm	Autocorrelation	597.5479694
wavelet-LHH	glcm	SumEntropy	4.746400356
wavelet-LHH	glcm	SumSquares	33.05144873
wavelet-LHH	glcm	ClusterProminence	24155.55959
wavelet-LHH	glcm	Imc2	0.871463747
wavelet-LHH	glcm	Imc1	-0.168103672
wavelet-LHH	glcm	DifferenceAverage	5.501205573
wavelet-LHH	glcm	Id	0.337664381
wavelet-LHH	glcm	ClusterTendency	63.72676459
wavelet-LHH	firstorder	InterquartileRange	110.3721044
wavelet-LHH	firstorder	Skewness	0.319303734
wavelet-LHH	firstorder	Uniformity	0.078370499
wavelet-LHH	firstorder	Median	-2.398882033
wavelet-LHH	firstorder	Energy	20390381.6
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	50.51536229
wavelet-LHH	firstorder	MeanAbsoluteDeviation	94.0356063
wavelet-LHH	firstorder	TotalEnergy	550540303.3
wavelet-LHH	firstorder	Maximum	665.3137992
wavelet-LHH	firstorder	RootMeanSquared	141.1805469
wavelet-LHH	firstorder	90Percentile	155.8191578
wavelet-LHH	firstorder	Minimum	-590.7139997
wavelet-LHH	firstorder	Entropy	4.286910777
wavelet-LHH	firstorder	Range	1256.027799
wavelet-LHH	firstorder	Variance	19930.50836
wavelet-LHH	firstorder	10Percentile	-163.3826303
wavelet-LHH	firstorder	Kurtosis	5.834209959
wavelet-LHH	firstorder	Mean	-1.199359785
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003146404
wavelet-LHH	glrlm	GrayLevelVariance	35.06066508
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.003275402
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.06761827
wavelet-LHH	glrlm	RunVariance	0.165981284
wavelet-LHH	glrlm	GrayLevelNonUniformity	62.11766207
wavelet-LHH	glrlm	LongRunEmphasis	1.410704333
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	592.9342591
wavelet-LHH	glrlm	RunLengthNonUniformity	764.3612729
wavelet-LHH	glrlm	ShortRunEmphasis	0.928887713
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	877.3329712
wavelet-LHH	glrlm	RunPercentage	0.89728551

wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.004007707
wavelet-LHH	grlm	RunEntropy	4.835946805
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	634.972447
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.831981419
wavelet-LHH	glszm	GrayLevelVariance	59.80632234
wavelet-LHH	glszm	ZoneVariance	81.64002704
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.040713899
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.497988102
wavelet-LHH	glszm	SizeZoneNonUniformity	214.1348837
wavelet-LHH	glszm	GrayLevelNonUniformity	17.50697674
wavelet-LHH	glszm	LargeAreaEmphasis	87.3
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	527.1060439
wavelet-LHH	glszm	ZonePercentage	0.420332356
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.151025687
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	52119.3907
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	686.0860465
wavelet-LHH	glszm	SmallAreaEmphasis	0.733546422
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004791772
wavelet-LHH	glszm	ZoneEntropy	6.151879121
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004171309
wavelet-LHH	ngtdm	Coarseness	0.008116264
wavelet-LHH	ngtdm	Complexity	2701.295177
wavelet-LHH	ngtdm	Strength	3.954087414
wavelet-LHH	ngtdm	Contrast	0.147295735
wavelet-LHH	ngtdm	Busyness	0.092477832
wavelet-LLH	gldm	GrayLevelVariance	60.70087881
wavelet-LLH	gldm	HighGrayLevelEmphasis	2458.636364
wavelet-LLH	gldm	DependenceEntropy	6.816753586
wavelet-LLH	gldm	DependenceNonUniformity	225.4203324
wavelet-LLH	gldm	GrayLevelNonUniformity	56.01857283
wavelet-LLH	gldm	SmallDependenceEmphasis	0.43049267
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1055.611037
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.220352231
wavelet-LLH	gldm	LargeDependenceEmphasis	19.88954057
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.009266446
wavelet-LLH	gldm	DependenceVariance	9.877234171
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	48832.21799
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00120472
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.001458143
wavelet-LLH	glcm	JointAverage	48.92136593
wavelet-LLH	glcm	SumAverage	97.84273186
wavelet-LLH	glcm	JointEntropy	8.489593876
wavelet-LLH	glcm	ClusterShade	-857.8245658
wavelet-LLH	glcm	MaximumProbability	0.040396313
wavelet-LLH	glcm	ldmn	0.982776134
wavelet-LLH	glcm	JointEnergy	0.006692606
wavelet-LLH	glcm	Contrast	110.1351383
wavelet-LLH	glcm	DifferenceEntropy	4.209894971
wavelet-LLH	glcm	InverseVariance	0.206610429
wavelet-LLH	glcm	DifferenceVariance	61.39262508
wavelet-LLH	glcm	ldn	0.923938965
wavelet-LLH	glcm	ldm	0.222708271
wavelet-LLH	glcm	Correlation	0.04936664

wavelet-LLH	glcm	Autocorrelation	2396.010336
wavelet-LLH	glcm	SumEntropy	5.248750246
wavelet-LLH	glcm	SumSquares	57.77462234
wavelet-LLH	glcm	ClusterProminence	102219.7116
wavelet-LLH	glcm	Imc2	0.911490064
wavelet-LLH	glcm	Imc1	-0.191553978
wavelet-LLH	glcm	DifferenceAverage	6.821211995
wavelet-LLH	glcm	Id	0.299092216
wavelet-LLH	glcm	ClusterTendency	120.9633511
wavelet-LLH	firstorder	InterquartileRange	171.9158763
wavelet-LLH	firstorder	Skewness	-0.982357005
wavelet-LLH	firstorder	Uniformity	0.054759113
wavelet-LLH	firstorder	Median	-4.487559702
wavelet-LLH	firstorder	Energy	39057211.13
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	73.6483708
wavelet-LLH	firstorder	MeanAbsoluteDeviation	131.1850408
wavelet-LLH	firstorder	TotalEnergy	1054544701
wavelet-LLH	firstorder	Maximum	626.496577
wavelet-LLH	firstorder	RootMeanSquared	195.3947083
wavelet-LLH	firstorder	90Percentile	202.9120286
wavelet-LLH	firstorder	Minimum	-1207.517145
wavelet-LLH	firstorder	Entropy	4.733251087
wavelet-LLH	firstorder	Range	1834.013722
wavelet-LLH	firstorder	Variance	37993.05654
wavelet-LLH	firstorder	10Percentile	-233.8475752
wavelet-LLH	firstorder	Kurtosis	7.517381884
wavelet-LLH	firstorder	Mean	-13.63948223
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001527982
wavelet-LLH	glrlm	GrayLevelVariance	65.06769263
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.001552579
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048788427
wavelet-LLH	glrlm	RunVariance	0.126867613
wavelet-LLH	glrlm	GrayLevelNonUniformity	45.77297131
wavelet-LLH	glrlm	LongRunEmphasis	1.318269036
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2318.013304
wavelet-LLH	glrlm	RunLengthNonUniformity	808.2131127
wavelet-LLH	glrlm	ShortRunEmphasis	0.942351795
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3240.335466
wavelet-LLH	glrlm	RunPercentage	0.916760659
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001686597
wavelet-LLH	glrlm	RunEntropy	5.179588655
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2459.220757
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.861235608
wavelet-LLH	glszm	GrayLevelVariance	99.14553737
wavelet-LLH	glszm	ZoneVariance	37.27944398
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032086792
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.512698211
wavelet-LLH	glszm	SizeZoneNonUniformity	257.374502
wavelet-LLH	glszm	GrayLevelNonUniformity	16.10756972
wavelet-LLH	glszm	LargeAreaEmphasis	41.43227092
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1818.958294
wavelet-LLH	glszm	ZonePercentage	0.490713587
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.019109018

wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	101720.2131
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2458.163347
wavelet-LLH	glszm	SmallAreaEmphasis	0.74345434
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002517909
wavelet-LLH	glszm	ZoneEntropy	6.40003027
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002393793
wavelet-LLH	ngtdm	Coarseness	0.00765395
wavelet-LLH	ngtdm	Complexity	7158.319581
wavelet-LLH	ngtdm	Strength	9.322793181
wavelet-LLH	ngtdm	Contrast	0.184638834
wavelet-LLH	ngtdm	Busyness	0.034176932
wavelet-LLL	gldm	GrayLevelVariance	1101.808051
wavelet-LLL	gldm	HighGrayLevelEmphasis	4299.196481
wavelet-LLL	gldm	DependenceEntropy	7.702097134
wavelet-LLL	gldm	DependenceNonUniformity	337.8035191
wavelet-LLL	gldm	GrayLevelNonUniformity	17.39882698
wavelet-LLL	gldm	SmallDependenceEmphasis	0.582736172
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1912.493156
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.330208719
wavelet-LLL	gldm	LargeDependenceEmphasis	14.31378299
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009605055
wavelet-LLL	gldm	DependenceVariance	8.308169196
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	122509.6422
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002622776
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00346404
wavelet-LLL	glcm	JointAverage	58.69362049
wavelet-LLL	glcm	SumAverage	117.387241
wavelet-LLL	glcm	JointEntropy	9.790072846
wavelet-LLL	glcm	ClusterShade	-3153.278779
wavelet-LLL	glcm	MaximumProbability	0.033447486
wavelet-LLL	glcm	Idmn	0.975731523
wavelet-LLL	glcm	JointEnergy	0.002613174
wavelet-LLL	glcm	Contrast	299.8259693
wavelet-LLL	glcm	DifferenceEntropy	5.017115655
wavelet-LLL	glcm	InverseVariance	0.124436383
wavelet-LLL	glcm	DifferenceVariance	140.00457
wavelet-LLL	glcm	Idn	0.903417899
wavelet-LLL	glcm	Idm	0.142840524
wavelet-LLL	glcm	Correlation	0.862996474
wavelet-LLL	glcm	Autocorrelation	4391.051373
wavelet-LLL	glcm	SumEntropy	7.117376659
wavelet-LLL	glcm	SumSquares	1095.88149
wavelet-LLL	glcm	ClusterProminence	24096392.15
wavelet-LLL	glcm	Imc2	0.997801393
wavelet-LLL	glcm	Imc1	-0.434611308
wavelet-LLL	glcm	DifferenceAverage	12.43484163
wavelet-LLL	glcm	Id	0.21154762
wavelet-LLL	glcm	ClusterTendency	4083.699991
wavelet-LLL	firstorder	InterquartileRange	1723.593848
wavelet-LLL	firstorder	Skewness	0.05892126
wavelet-LLL	firstorder	Uniformity	0.017007651
wavelet-LLL	firstorder	Median	-1057.744279
wavelet-LLL	firstorder	Energy	1577632634

wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	659.6558845
wavelet-LLL	firstorder	MeanAbsoluteDeviation	755.2322846
wavelet-LLL	firstorder	TotalEnergy	42596081111
wavelet-LLL	firstorder	Maximum	312.4331582
wavelet-LLL	firstorder	RootMeanSquared	1241.838511
wavelet-LLL	firstorder	90Percentile	138.7768801
wavelet-LLL	firstorder	Minimum	-2321.866711
wavelet-LLL	firstorder	Entropy	6.328004044
wavelet-LLL	firstorder	Range	2634.299869
wavelet-LLL	firstorder	Variance	689323.9653
wavelet-LLL	firstorder	10Percentile	-1986.206588
wavelet-LLL	firstorder	Kurtosis	1.456257932
wavelet-LLL	firstorder	Mean	-923.492784
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.003565923
wavelet-LLL	grlm	GrayLevelVariance	1069.397721
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.003609541
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.014403992
wavelet-LLL	grlm	RunVariance	0.089084115
wavelet-LLL	grlm	GrayLevelNonUniformity	13.91810272
wavelet-LLL	grlm	LongRunEmphasis	1.21178443
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3826.612018
wavelet-LLL	grlm	RunLengthNonUniformity	879.4913407
wavelet-LLL	grlm	ShortRunEmphasis	0.963422068
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	5790.970655
wavelet-LLL	grlm	RunPercentage	0.944206331
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.003796607
wavelet-LLL	grlm	RunEntropy	6.598676862
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	4095.449856
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.910160043
wavelet-LLL	glszm	GrayLevelVariance	848.096791
wavelet-LLL	glszm	ZoneVariance	9.330936256
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011615372
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.62904049
wavelet-LLL	glszm	SizeZoneNonUniformity	415.795764
wavelet-LLL	glszm	GrayLevelNonUniformity	7.677760968
wavelet-LLL	glszm	LargeAreaEmphasis	11.72617247
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2592.266812
wavelet-LLL	glszm	ZonePercentage	0.646138807
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009233901
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	98842.4115
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3305.316188
wavelet-LLL	glszm	SmallAreaEmphasis	0.820060957
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004370356
wavelet-LLL	glszm	ZoneEntropy	7.284511082
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003844721
wavelet-LLL	ngtdm	Coarseness	0.011156226
wavelet-LLL	ngtdm	Complexity	29400.39992
wavelet-LLL	ngtdm	Strength	61.43114054
wavelet-LLL	ngtdm	Contrast	1.371559054
wavelet-LLL	ngtdm	Busyness	0.014410052
wavelet-HHL	gldm	GrayLevelVariance	14.79065559
wavelet-HHL	gldm	HighGrayLevelEmphasis	255.9657869
wavelet-HHL	gldm	DependenceEntropy	6.264167139



wavelet-HHL	gldm	DependenceNonUniformity	172.6324536
wavelet-HHL	gldm	GrayLevelNonUniformity	97.41837732
wavelet-HHL	gldm	SmallDependenceEmphasis	0.329851787
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	87.49020244
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.168751177
wavelet-HHL	gldm	LargeDependenceEmphasis	22.28445748
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.099625688
wavelet-HHL	gldm	DependenceVariance	9.58913322
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	5296.581623
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003781329
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.006831058
wavelet-HHL	glcm	JointAverage	15.53332307
wavelet-HHL	glcm	SumAverage	31.06664613
wavelet-HHL	glcm	JointEntropy	7.378980899
wavelet-HHL	glcm	ClusterShade	24.22645219
wavelet-HHL	glcm	MaximumProbability	0.056130243
wavelet-HHL	glcm	Idmn	0.969576102
wavelet-HHL	glcm	JointEnergy	0.012530364
wavelet-HHL	glcm	Contrast	31.61368484
wavelet-HHL	glcm	DifferenceEntropy	3.523677339
wavelet-HHL	glcm	InverseVariance	0.268044861
wavelet-HHL	glcm	DifferenceVariance	15.34842596
wavelet-HHL	glcm	Idn	0.893010877
wavelet-HHL	glcm	Idm	0.276156231
wavelet-HHL	glcm	Correlation	-0.035192134
wavelet-HHL	glcm	Autocorrelation	240.7631117
wavelet-HHL	glcm	SumEntropy	4.348275844
wavelet-HHL	glcm	SumSquares	15.2855836
wavelet-HHL	glcm	ClusterProminence	4393.307793
wavelet-HHL	glcm	Imc2	0.722154356
wavelet-HHL	glcm	Imc1	-0.09764777
wavelet-HHL	glcm	DifferenceAverage	3.990603195
wavelet-HHL	glcm	Id	0.356427243
wavelet-HHL	glcm	ClusterTendency	29.52864957
wavelet-HHL	firstorder	InterquartileRange	93.10207299
wavelet-HHL	firstorder	Skewness	0.140346562
wavelet-HHL	firstorder	Uniformity	0.09522813
wavelet-HHL	firstorder	Median	-1.652862174
wavelet-HHL	firstorder	Energy	9370350.121
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	39.71544585
wavelet-HHL	firstorder	MeanAbsoluteDeviation	67.73549218
wavelet-HHL	firstorder	TotalEnergy	252999453.3
wavelet-HHL	firstorder	Maximum	367.3012811
wavelet-HHL	firstorder	RootMeanSquared	95.70620428
wavelet-HHL	firstorder	90Percentile	112.4415428
wavelet-HHL	firstorder	Minimum	-358.4103535
wavelet-HHL	firstorder	Entropy	3.866392138
wavelet-HHL	firstorder	Range	725.7116346
wavelet-HHL	firstorder	Variance	9158.385391
wavelet-HHL	firstorder	10Percentile	-108.415256
wavelet-HHL	firstorder	Kurtosis	4.867107173
wavelet-HHL	firstorder	Mean	1.136726234
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006794721

wavelet-HHL	glrlm	GrayLevelVariance	16.01509223
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.00709847
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.085998207
wavelet-HHL	glrlm	RunVariance	0.156864299
wavelet-HHL	glrlm	GrayLevelNonUniformity	79.32257835
wavelet-HHL	glrlm	LongRunEmphasis	1.389449946
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	240.5772876
wavelet-HHL	glrlm	RunLengthNonUniformity	771.9595761
wavelet-HHL	glrlm	ShortRunEmphasis	0.931231074
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	351.4662703
wavelet-HHL	glrlm	RunPercentage	0.901421159
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008806588
wavelet-HHL	glrlm	RunEntropy	4.390554971
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	257.3956726
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.836609409
wavelet-HHL	glszm	GrayLevelVariance	29.58192256
wavelet-HHL	glszm	ZoneVariance	125.1411607
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.055306128
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.462123595
wavelet-HHL	glszm	SizeZoneNonUniformity	172.8342246
wavelet-HHL	glszm	GrayLevelNonUniformity	20.68449198
wavelet-HHL	glszm	LargeAreaEmphasis	132.6229947
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	189.0001196
wavelet-HHL	glszm	ZonePercentage	0.365591398
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.567727492
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	31773.04545
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	266.6925134
wavelet-HHL	glszm	SmallAreaEmphasis	0.706294326
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010895809
wavelet-HHL	glszm	ZoneEntropy	5.800846377
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009404383
wavelet-HHL	ngtdm	Coarseness	0.007385189
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wavelet-HHL	ngtdm	Contrast	0.096918971
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wavelet-HLH	gldm	HighGrayLevelEmphasis	195.0029326
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wavelet-HLH	gldm	DependenceNonUniformity	149.6158358
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.290405557
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	66.59194921
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.146252039
wavelet-HLH	gldm	LargeDependenceEmphasis	25.47507331
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.153187718
wavelet-HLH	gldm	DependenceVariance	10.23990162
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4547.962854
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004606933
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.00931612
wavelet-HLH	glcm	JointAverage	13.49976018
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wavelet-HLH	glcm	JointEntropy	7.162862125

wavelet-HLH	glcm	ClusterShade	56.20254137
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wavelet-HLH	glcm	JointEnergy	0.014323301
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wavelet-HLH	glcm	DifferenceEntropy	3.411832776
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wavelet-HLH	glcm	DifferenceVariance	13.45837855
wavelet-HLH	glcm	Idn	0.900913552
wavelet-HLH	glcm	Idm	0.298883172
wavelet-HLH	glcm	Correlation	-0.018665278
wavelet-HLH	glcm	Autocorrelation	181.9745493
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wavelet-HLH	glcm	ClusterProminence	3667.921867
wavelet-HLH	glcm	Imc2	0.699021076
wavelet-HLH	glcm	Imc1	-0.092061517
wavelet-HLH	glcm	DifferenceAverage	3.649984778
wavelet-HLH	glcm	Id	0.3770237
wavelet-HLH	glcm	ClusterTendency	25.98854593
wavelet-HLH	firstorder	InterquartileRange	78.93356973
wavelet-HLH	firstorder	Skewness	0.578548672
wavelet-HLH	firstorder	Uniformity	0.103057823
wavelet-HLH	firstorder	Median	-3.08030045
wavelet-HLH	firstorder	Energy	8479993.681
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.6794174
wavelet-HLH	firstorder	MeanAbsoluteDeviation	62.9980535
wavelet-HLH	firstorder	TotalEnergy	228959829.4
wavelet-HLH	firstorder	Maximum	405.6592789
wavelet-HLH	firstorder	RootMeanSquared	91.04580653
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wavelet-HLH	firstorder	Minimum	-309.671635
wavelet-HLH	firstorder	Entropy	3.755148905
wavelet-HLH	firstorder	Range	715.3309139
wavelet-HLH	firstorder	Variance	8289.307456
wavelet-HLH	firstorder	10Percentile	-101.7393243
wavelet-HLH	firstorder	Kurtosis	5.496139449
wavelet-HLH	firstorder	Mean	-0.177285361
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.009239774
wavelet-HLH	gllm	GrayLevelVariance	14.69714058
wavelet-HLH	gllm	LowGrayLevelRunEmphasis	0.009724734
wavelet-HLH	gllm	GrayLevelNonUniformityNormalized	0.092955826
wavelet-HLH	gllm	RunVariance	0.179904894
wavelet-HLH	gllm	GrayLevelNonUniformity	84.49094775
wavelet-HLH	gllm	LongRunEmphasis	1.450032549
wavelet-HLH	gllm	ShortRunHighGrayLevelEmphasis	182.6575321
wavelet-HLH	gllm	RunLengthNonUniformity	741.2262611
wavelet-HLH	gllm	ShortRunEmphasis	0.921031452
wavelet-HLH	gllm	LongRunHighGrayLevelEmphasis	277.5683534
wavelet-HLH	gllm	RunPercentage	0.888337469
wavelet-HLH	gllm	LongRunLowGrayLevelEmphasis	0.012445091
wavelet-HLH	gllm	RunEntropy	4.341705841
wavelet-HLH	gllm	HighGrayLevelRunEmphasis	196.916077

wavelet-HLH	g1rlm	RunLengthNonUniformityNormalized	0.814846239
wavelet-HLH	glszm	GrayLevelVariance	30.63530455
wavelet-HLH	glszm	ZoneVariance	112.8694857
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.054110734
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.432396227
wavelet-HLH	glszm	SizeZoneNonUniformity	142.2583587
wavelet-HLH	glszm	GrayLevelNonUniformity	17.80243161
wavelet-HLH	glszm	LargeAreaEmphasis	122.5379939
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	167.3450392
wavelet-HLH	glszm	ZonePercentage	0.321603128
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.713379968
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	21863.02736
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	225.106383
wavelet-HLH	glszm	SmallAreaEmphasis	0.683285545
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.015406208
wavelet-HLH	glszm	ZoneEntropy	5.838969628
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012746806
wavelet-HLH	ngtdm	Coarseness	0.007407187
wavelet-HLH	ngtdm	Complexity	847.0048288
wavelet-HLH	ngtdm	Strength	1.785198032
wavelet-HLH	ngtdm	Contrast	0.09436848
wavelet-HLH	ngtdm	Busyness	0.280915101

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general	info	PyWaveletVersion	0.5.2
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original	gldm	GrayLevelVariance	84.46693515
original	gldm	HighGrayLevelEmphasis	676.4785276
original	gldm	DependenceEntropy	5.812411342
original	gldm	DependenceNonUniformity	39.12269939
original	gldm	GrayLevelNonUniformity	13.3803681
original	gldm	SmallDependenceEmphasis	0.498073151
original	gldm	SmallDependenceHighGrayLevelEmphasis	206.095673
original	gldm	DependenceNonUniformityNormalized	0.240016561
original	gldm	LargeDependenceEmphasis	30.39877301
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.041117365
original	gldm	DependenceVariance	15.03044902
original	gldm	LargeDependenceHighGrayLevelEmphasis	31326.71166
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original	glcm	JointAverage	26.54481182
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original	glcm	ClusterShade	-2324.691384
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original	glcm	Contrast	102.1168842
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original	glcm	SumSquares	69.4748735
original	glcm	ClusterProminence	97644.57317
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original	glcm	ClusterTendency	175.7826098
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original	firstorder	Uniformity	0.082088148
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original	firstorder	RobustMeanAbsoluteDeviation	163.1153846
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original	firstorder	Minimum	-757
original	firstorder	Entropy	4.287713801
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.011932555
original	glrlm	GrayLevelVariance	85.67026609
original	glrlm	LowGrayLevelRunEmphasis	0.01203132
original	glrlm	GrayLevelNonUniformityNormalized	0.063866754
original	glrlm	RunVariance	0.169564702
original	glrlm	GrayLevelNonUniformity	9.258292208
original	glrlm	LongRunEmphasis	1.442577562
original	glrlm	ShortRunHighGrayLevelEmphasis	550.4027947
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original	glrlm	HighGrayLevelRunEmphasis	632.1140478
original	glrlm	RunLengthNonUniformityNormalized	0.813696691
original	glszm	GrayLevelVariance	70.40482955

original	glszm	ZoneVariance	17.48954029
original	glszm	GrayLevelNonUniformityNormalized	0.042613636
original	glszm	SizeZoneNonUniformityNormalized	0.698863636
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original	glszm	LargeAreaEmphasis	20.92045455
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original	glszm	LargeAreaHighGrayLevelEmphasis	21148.77273
original	glszm	HighGrayLevelZoneEmphasis	436.1704545
original	glszm	SmallAreaEmphasis	0.85806058
original	glszm	LowGrayLevelZoneEmphasis	0.018568389
original	glszm	ZoneEntropy	5.078638721
original	glszm	SmallAreaLowGrayLevelEmphasis	0.018128547
original	ngtdm	Coarseness	0.017782237
original	ngtdm	Complexity	2553.035231
original	ngtdm	Strength	13.71476949
original	ngtdm	Contrast	1.073150005
original	ngtdm	Busyness	0.058657026
wavelet-HHH	gldm	GrayLevelVariance	11.40223569
wavelet-HHH	gldm	HighGrayLevelEmphasis	168.4969325
wavelet-HHH	gldm	DependenceEntropy	5.402576435
wavelet-HHH	gldm	DependenceNonUniformity	33.29447853
wavelet-HHH	gldm	GrayLevelNonUniformity	15.82208589
wavelet-HHH	gldm	SmallDependenceEmphasis	0.364673602
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	62.4398148
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.204260604
wavelet-HHH	gldm	LargeDependenceEmphasis	9.45398773
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.071344685
wavelet-HHH	gldm	DependenceVariance	2.134141292
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1531.895706
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010362504
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.014696445
wavelet-HHH	glcm	JointAverage	12.50229061
wavelet-HHH	glcm	SumAverage	25.00458122
wavelet-HHH	glcm	JointEntropy	6.464142215
wavelet-HHH	glcm	ClusterShade	-9.415427979
wavelet-HHH	glcm	MaximumProbability	0.037934071
wavelet-HHH	glcm	Idmn	0.963517307
wavelet-HHH	glcm	JointEnergy	0.014397883
wavelet-HHH	glcm	Contrast	22.10767383
wavelet-HHH	glcm	DifferenceEntropy	3.219944667
wavelet-HHH	glcm	InverseVariance	0.262600702
wavelet-HHH	glcm	DifferenceVariance	9.096113387
wavelet-HHH	glcm	Idn	0.876197036
wavelet-HHH	glcm	Idm	0.255190253
wavelet-HHH	glcm	Correlation	-0.030975019
wavelet-HHH	glcm	Autocorrelation	155.9464184
wavelet-HHH	glcm	SumEntropy	4.007499568
wavelet-HHH	glcm	SumSquares	10.68927126
wavelet-HHH	glcm	ClusterProminence	1643.572626
wavelet-HHH	glcm	Imc2	0.904650242
wavelet-HHH	glcm	Imc1	-0.234959543
wavelet-HHH	glcm	DifferenceAverage	3.563148129

wavelet-HHH	glcm	Id	0.344751895
wavelet-HHH	glcm	ClusterTendency	20.64941122
wavelet-HHH	firstorder	InterquartileRange	100.1543498
wavelet-HHH	firstorder	Skewness	-0.134969666
wavelet-HHH	firstorder	Uniformity	0.097068012
wavelet-HHH	firstorder	Median	3.048396471
wavelet-HHH	firstorder	Energy	1171892.922
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	40.74681623
wavelet-HHH	firstorder	MeanAbsoluteDeviation	64.04573444
wavelet-HHH	firstorder	TotalEnergy	31641108.91
wavelet-HHH	firstorder	Maximum	256.3056582
wavelet-HHH	firstorder	RootMeanSquared	84.79107931
wavelet-HHH	firstorder	90Percentile	103.1834887
wavelet-HHH	firstorder	Minimum	-276.7388818
wavelet-HHH	firstorder	Entropy	3.687127425
wavelet-HHH	firstorder	Range	533.04454
wavelet-HHH	firstorder	Variance	7188.502242
wavelet-HHH	firstorder	10Percentile	-103.2938852
wavelet-HHH	firstorder	Kurtosis	3.805874268
wavelet-HHH	firstorder	Mean	1.012368213
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014919161
wavelet-HHH	glrlm	GrayLevelVariance	11.94793859
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.015263071
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.093445511
wavelet-HHH	glrlm	RunVariance	0.073348234
wavelet-HHH	glrlm	GrayLevelNonUniformity	14.234186
wavelet-HHH	glrlm	LongRunEmphasis	1.221831376
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	160.57773
wavelet-HHH	glrlm	RunLengthNonUniformity	133.6388081
wavelet-HHH	glrlm	ShortRunEmphasis	0.949158322
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	205.1764974
wavelet-HHH	glrlm	RunPercentage	0.93440302
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.016752344
wavelet-HHH	glrlm	RunEntropy	4.017838689
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	168.8615263
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.875959913
wavelet-HHH	glszm	GrayLevelVariance	22.20828402
wavelet-HHH	glszm	ZoneVariance	19.26532544
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.076449704
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.484970414
wavelet-HHH	glszm	SizeZoneNonUniformity	31.52307692
wavelet-HHH	glszm	GrayLevelNonUniformity	4.969230769
wavelet-HHH	glszm	LargeAreaEmphasis	25.55384615
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	123.6345796
wavelet-HHH	glszm	ZonePercentage	0.398773006
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.183070022
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4192.630769
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	171.8
wavelet-HHH	glszm	SmallAreaEmphasis	0.722271734
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.026751871
wavelet-HHH	glszm	ZoneEntropy	4.911001183
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024673315
wavelet-HHH	ngtdm	Coarseness	0.037892031
wavelet-HHH	ngtdm	Complexity	424.6341348
wavelet-HHH	ngtdm	Strength	4.489199774



wavelet-HHH	ngtdm	Contrast	0.162264936
wavelet-HHH	ngtdm	Busyness	0.098531679
wavelet-HLL	gldm	GrayLevelVariance	93.46448869
wavelet-HLL	gldm	HighGrayLevelEmphasis	400.2515337
wavelet-HLL	gldm	DependenceEntropy	5.926876164
wavelet-HLL	gldm	DependenceNonUniformity	46.05521472
wavelet-HLL	gldm	GrayLevelNonUniformity	7.576687117
wavelet-HLL	gldm	SmallDependenceEmphasis	0.437532379
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	222.2614179
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.28254733
wavelet-HLL	gldm	LargeDependenceEmphasis	5.650306748
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.04618653
wavelet-HLL	gldm	DependenceVariance	1.065979149
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1624.300613
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009264094
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.012929583
wavelet-HLL	glcm	JointAverage	16.81532092
wavelet-HLL	glcm	SumAverage	33.63064184
wavelet-HLL	glcm	JointEntropy	7.202161622
wavelet-HLL	glcm	ClusterShade	6046.60206
wavelet-HLL	glcm	MaximumProbability	0.023150764
wavelet-HLL	glcm	Idmn	0.976586607
wavelet-HLL	glcm	JointEnergy	0.007791673
wavelet-HLL	glcm	Contrast	76.26767638
wavelet-HLL	glcm	DifferenceEntropy	3.91033144
wavelet-HLL	glcm	InverseVariance	0.163477489
wavelet-HLL	glcm	DifferenceVariance	32.97593103
wavelet-HLL	glcm	Idn	0.901913368
wavelet-HLL	glcm	Idm	0.165329407
wavelet-HLL	glcm	Correlation	0.526937607
wavelet-HLL	glcm	Autocorrelation	326.2614212
wavelet-HLL	glcm	SumEntropy	5.114555075
wavelet-HLL	glcm	SumSquares	81.61798189
wavelet-HLL	glcm	ClusterProminence	329294.5884
wavelet-HLL	glcm	Imc2	0.992070702
wavelet-HLL	glcm	Imc1	-0.44927185
wavelet-HLL	glcm	DifferenceAverage	6.382900578
wavelet-HLL	glcm	Id	0.255204811
wavelet-HLL	glcm	ClusterTendency	250.2042512
wavelet-HLL	firstorder	InterquartileRange	279.5713501
wavelet-HLL	firstorder	Skewness	1.327333611
wavelet-HLL	firstorder	Uniformity	0.046482743
wavelet-HLL	firstorder	Median	-91.24840351
wavelet-HLL	firstorder	Energy	9649715.32
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	119.4913583
wavelet-HLL	firstorder	MeanAbsoluteDeviation	186.625855
wavelet-HLL	firstorder	TotalEnergy	260542313.6
wavelet-HLL	firstorder	Maximum	894.0469289
wavelet-HLL	firstorder	RootMeanSquared	243.3119551
wavelet-HLL	firstorder	90Percentile	320.184014
wavelet-HLL	firstorder	Minimum	-441.155694
wavelet-HLL	firstorder	Entropy	4.744608494
wavelet-HLL	firstorder	Range	1335.202623
wavelet-HLL	firstorder	Variance	58601.45027
wavelet-HLL	firstorder	10Percentile	-259.6659076

wavelet-HLL	firstorder	Kurtosis	4.699654789
wavelet-HLL	firstorder	Mean	-24.47973072
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012982253
wavelet-HLL	glrlm	GrayLevelVariance	95.06408748
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.013207949
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.045769058
wavelet-HLL	glrlm	RunVariance	0.049687563
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.132618691
wavelet-HLL	glrlm	LongRunEmphasis	1.144969381
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	396.3551501
wavelet-HLL	glrlm	RunLengthNonUniformity	143.1341953
wavelet-HLL	glrlm	ShortRunEmphasis	0.967066905
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	446.4427598
wavelet-HLL	glrlm	RunPercentage	0.956111373
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.014218908
wavelet-HLL	glrlm	RunEntropy	4.920601649
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	405.7153911
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.91767957
wavelet-HLL	glszm	GrayLevelVariance	119.8858502
wavelet-HLL	glszm	ZoneVariance	2.685163166
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038182058
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.416039107
wavelet-HLL	glszm	SizeZoneNonUniformity	36.1954023
wavelet-HLL	glszm	GrayLevelNonUniformity	3.32183908
wavelet-HLL	glszm	LargeAreaEmphasis	6.195402299
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	362.9246527
wavelet-HLL	glszm	ZonePercentage	0.533742331
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.052866447
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1858.310345
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	484.8275862
wavelet-HLL	glszm	SmallAreaEmphasis	0.665716262
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018434
wavelet-HLL	glszm	ZoneEntropy	5.700079237
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016387989
wavelet-HLL	ngtdm	Coarseness	0.040806867
wavelet-HLL	ngtdm	Complexity	2798.954603
wavelet-HLL	ngtdm	Strength	35.3551848
wavelet-HLL	ngtdm	Contrast	0.539468925
wavelet-HLL	ngtdm	Busyness	0.05221062
wavelet-LHL	gldm	GrayLevelVariance	146.6979563
wavelet-LHL	gldm	HighGrayLevelEmphasis	1149.993865
wavelet-LHL	gldm	DependenceEntropy	6.060675988
wavelet-LHL	gldm	DependenceNonUniformity	70.69325153
wavelet-LHL	gldm	GrayLevelNonUniformity	4.766871166
wavelet-LHL	gldm	SmallDependenceEmphasis	0.667476142
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	722.6686264
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.43370093
wavelet-LHL	gldm	LargeDependenceEmphasis	3.331288344
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010443203
wavelet-LHL	gldm	DependenceVariance	0.767360458
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3919.797546
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007554346
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.007919567
wavelet-LHL	glcm	JointAverage	30.65368183
wavelet-LHL	glcm	SumAverage	61.30736366

wavelet-LHL	glcm	JointEntropy	7.578903981
wavelet-LHL	glcm	ClusterShade	2629.29375
wavelet-LHL	glcm	MaximumProbability	0.013927499
wavelet-LHL	glcm	Idmn	0.944921427
wavelet-LHL	glcm	JointEnergy	0.005545796
wavelet-LHL	glcm	Contrast	242.0552121
wavelet-LHL	glcm	DifferenceEntropy	4.525933385
wavelet-LHL	glcm	InverseVariance	0.100138062
wavelet-LHL	glcm	DifferenceVariance	101.5345533
wavelet-LHL	glcm	Idn	0.854182787
wavelet-LHL	glcm	Idm	0.097169327
wavelet-LHL	glcm	Correlation	0.112341657
wavelet-LHL	glcm	Autocorrelation	957.9436006
wavelet-LHL	glcm	SumEntropy	5.452249832
wavelet-LHL	glcm	SumSquares	139.0793604
wavelet-LHL	glcm	ClusterProminence	325478.7974
wavelet-LHL	glcm	Imc2	0.99854147
wavelet-LHL	glcm	Imc1	-0.557163996
wavelet-LHL	glcm	DifferenceAverage	11.40143455
wavelet-LHL	glcm	Id	0.176581125
wavelet-LHL	glcm	ClusterTendency	314.2622296
wavelet-LHL	firstorder	InterquartileRange	414.7636633
wavelet-LHL	firstorder	Skewness	0.201430588
wavelet-LHL	firstorder	Uniformity	0.029244608
wavelet-LHL	firstorder	Median	-91.44114772
wavelet-LHL	firstorder	Energy	15250603.5
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	166.8302059
wavelet-LHL	firstorder	MeanAbsoluteDeviation	242.5358131
wavelet-LHL	firstorder	TotalEnergy	411766294.5
wavelet-LHL	firstorder	Maximum	646.0575134
wavelet-LHL	firstorder	RootMeanSquared	305.879036
wavelet-LHL	firstorder	90Percentile	357.0716245
wavelet-LHL	firstorder	Minimum	-806.7930903
wavelet-LHL	firstorder	Entropy	5.320323885
wavelet-LHL	firstorder	Range	1452.850604
wavelet-LHL	firstorder	Variance	91560.53082
wavelet-LHL	firstorder	10Percentile	-443.7532241
wavelet-LHL	firstorder	Kurtosis	2.584386733
wavelet-LHL	firstorder	Mean	-44.73761101
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008063818
wavelet-LHL	glrlm	GrayLevelVariance	147.9994376
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008082948
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.028782642
wavelet-LHL	glrlm	RunVariance	0.024095374
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.583771889
wavelet-LHL	glrlm	LongRunEmphasis	1.072742651
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1126.318611
wavelet-LHL	glrlm	RunLengthNonUniformity	152.0759768
wavelet-LHL	glrlm	ShortRunEmphasis	0.982372965
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1237.118863
wavelet-LHL	glrlm	RunPercentage	0.976875885
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008162128
wavelet-LHL	glrlm	RunEntropy	5.410667004
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1148.102816
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.954648397

wavelet-LHL	glszm	GrayLevelVariance	162.8405164
wavelet-LHL	glszm	ZoneVariance	0.920838741
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.025203197
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.644423195
wavelet-LHL	glszm	SizeZoneNonUniformity	77.97520661
wavelet-LHL	glszm	GrayLevelNonUniformity	3.049586777
wavelet-LHL	glszm	LargeAreaEmphasis	2.73553719
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	885.543567
wavelet-LHL	glszm	ZonePercentage	0.742331288
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.012250064
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3037.842975
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1120.768595
wavelet-LHL	glszm	SmallAreaEmphasis	0.829748495
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.010282973
wavelet-LHL	glszm	ZoneEntropy	5.859540382
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010097942
wavelet-LHL	ngtdm	Coarseness	0.033937857
wavelet-LHL	ngtdm	Complexity	7533.626488
wavelet-LHL	ngtdm	Strength	26.50280277
wavelet-LHL	ngtdm	Contrast	1.079143572
wavelet-LHL	ngtdm	Busyness	0.025473879
wavelet-LHH	gldm	GrayLevelVariance	21.94045692
wavelet-LHH	gldm	HighGrayLevelEmphasis	273.8343558
wavelet-LHH	gldm	DependenceEntropy	5.797549075
wavelet-LHH	gldm	DependenceNonUniformity	39.62576687
wavelet-LHH	gldm	GrayLevelNonUniformity	11.55214724
wavelet-LHH	gldm	SmallDependenceEmphasis	0.450806284
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	143.3880061
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.243102864
wavelet-LHH	gldm	LargeDependenceEmphasis	8.17791411
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.046759869
wavelet-LHH	gldm	DependenceVariance	2.364786029
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1898.582822
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008585543
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.011504406
wavelet-LHH	glcm	JointAverage	15.92538405
wavelet-LHH	glcm	SumAverage	31.8507681
wavelet-LHH	glcm	JointEntropy	6.936802757
wavelet-LHH	glcm	ClusterShade	69.74100461
wavelet-LHH	glcm	MaximumProbability	0.026927265
wavelet-LHH	glcm	Idmn	0.96227298
wavelet-LHH	glcm	JointEnergy	0.009796301
wavelet-LHH	glcm	Contrast	42.28619745
wavelet-LHH	glcm	DifferenceEntropy	3.61759716
wavelet-LHH	glcm	InverseVariance	0.201596778
wavelet-LHH	glcm	DifferenceVariance	17.58133447
wavelet-LHH	glcm	Idn	0.874440028
wavelet-LHH	glcm	Idm	0.202696008
wavelet-LHH	glcm	Correlation	0.000973774
wavelet-LHH	glcm	Autocorrelation	253.5790954
wavelet-LHH	glcm	SumEntropy	4.384329636
wavelet-LHH	glcm	SumSquares	21.08641662
wavelet-LHH	glcm	ClusterProminence	7399.554463
wavelet-LHH	glcm	Imc2	0.955418381
wavelet-LHH	glcm	Imc1	-0.299547388

wavelet-LHH	glcm	DifferenceAverage	4.894089792
wavelet-LHH	glcm	Id	0.293423324
wavelet-LHH	glcm	ClusterTendency	42.05946902
wavelet-LHH	firstorder	InterquartileRange	140.4491495
wavelet-LHH	firstorder	Skewness	0.287589088
wavelet-LHH	firstorder	Uniformity	0.070872069
wavelet-LHH	firstorder	Median	-5.176770334
wavelet-LHH	firstorder	Energy	2249831.209
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	55.77574864
wavelet-LHH	firstorder	MeanAbsoluteDeviation	88.28933299
wavelet-LHH	firstorder	TotalEnergy	60745442.65
wavelet-LHH	firstorder	Maximum	375.3409395
wavelet-LHH	firstorder	RootMeanSquared	117.4846605
wavelet-LHH	firstorder	90Percentile	151.7598404
wavelet-LHH	firstorder	Minimum	-371.1280752
wavelet-LHH	firstorder	Entropy	4.104336329
wavelet-LHH	firstorder	Range	746.4690147
wavelet-LHH	firstorder	Variance	13732.80145
wavelet-LHH	firstorder	10Percentile	-117.7914956
wavelet-LHH	firstorder	Kurtosis	3.965412062
wavelet-LHH	firstorder	Mean	8.357272544
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011673067
wavelet-LHH	glrlm	GrayLevelVariance	22.7834823
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.011880339
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.068947481
wavelet-LHH	glrlm	RunVariance	0.062027932
wavelet-LHH	glrlm	GrayLevelNonUniformity	10.62979956
wavelet-LHH	glrlm	LongRunEmphasis	1.182324457
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	266.7300907
wavelet-LHH	glrlm	RunLengthNonUniformity	138.700328
wavelet-LHH	glrlm	ShortRunEmphasis	0.958913172
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	318.5441071
wavelet-LHH	glrlm	RunPercentage	0.945729118
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.012795942
wavelet-LHH	glrlm	RunEntropy	4.361768686
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	276.2657482
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.898661579
wavelet-LHH	glszm	GrayLevelVariance	34.03344671
wavelet-LHH	glszm	ZoneVariance	5.436933107
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055555556
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.501133787
wavelet-LHH	glszm	SizeZoneNonUniformity	42.0952381
wavelet-LHH	glszm	GrayLevelNonUniformity	4.666666667
wavelet-LHH	glszm	LargeAreaEmphasis	9.202380952
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	244.448928
wavelet-LHH	glszm	ZonePercentage	0.515337423
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.056459619
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2204.202381
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	307.8571429
wavelet-LHH	glszm	SmallAreaEmphasis	0.733552589
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.017506961
wavelet-LHH	glszm	ZoneEntropy	5.370004292
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015880981
wavelet-LHH	ngtdm	Coarseness	0.036159955
wavelet-LHH	ngtdm	Complexity	875.2374192

wavelet-LHH	ngtdm	Strength	7.087963152
wavelet-LHH	ngtdm	Contrast	0.264076042
wavelet-LHH	ngtdm	Busyness	0.07517927
wavelet-LLH	gldm	GrayLevelVariance	62.01272159
wavelet-LLH	gldm	HighGrayLevelEmphasis	444.7791411
wavelet-LLH	gldm	DependenceEntropy	5.840571406
wavelet-LLH	gldm	DependenceNonUniformity	55.01226994
wavelet-LLH	gldm	GrayLevelNonUniformity	7.073619632
wavelet-LLH	gldm	SmallDependenceEmphasis	0.506574642
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	238.7092604
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.337498589
wavelet-LLH	gldm	LargeDependenceEmphasis	4.938650307
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.037310377
wavelet-LLH	gldm	DependenceVariance	1.108585193
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1937.576687
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010482233
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012762578
wavelet-LLH	glcm	JointAverage	18.90794373
wavelet-LLH	glcm	SumAverage	37.81588746
wavelet-LLH	glcm	JointEntropy	7.272949605
wavelet-LLH	glcm	ClusterShade	442.8981187
wavelet-LLH	glcm	MaximumProbability	0.020607359
wavelet-LLH	glcm	Idmn	0.948830537
wavelet-LLH	glcm	JointEnergy	0.007334343
wavelet-LLH	glcm	Contrast	105.4463879
wavelet-LLH	glcm	DifferenceEntropy	4.072766009
wavelet-LLH	glcm	InverseVariance	0.14444602
wavelet-LLH	glcm	DifferenceVariance	40.50868552
wavelet-LLH	glcm	Idn	0.856661762
wavelet-LLH	glcm	Idm	0.141971836
wavelet-LLH	glcm	Correlation	0.098685823
wavelet-LLH	glcm	Autocorrelation	364.1437699
wavelet-LLH	glcm	SumEntropy	5.024952632
wavelet-LLH	glcm	SumSquares	59.29504958
wavelet-LLH	glcm	ClusterProminence	62366.93601
wavelet-LLH	glcm	Imc2	0.993022115
wavelet-LLH	glcm	Imc1	-0.457570832
wavelet-LLH	glcm	DifferenceAverage	7.676533383
wavelet-LLH	glcm	Id	0.227805793
wavelet-LLH	glcm	ClusterTendency	131.7338105
wavelet-LLH	firstorder	InterquartileRange	242.6465664
wavelet-LLH	firstorder	Skewness	0.163376202
wavelet-LLH	firstorder	Uniformity	0.043396439
wavelet-LLH	firstorder	Median	-82.63865995
wavelet-LLH	firstorder	Energy	7157738.886
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	101.1382671
wavelet-LLH	firstorder	MeanAbsoluteDeviation	152.7425654
wavelet-LLH	firstorder	TotalEnergy	193258949.9
wavelet-LLH	firstorder	Maximum	451.6061079
wavelet-LLH	firstorder	RootMeanSquared	209.5531162
wavelet-LLH	firstorder	90Percentile	179.6739578
wavelet-LLH	firstorder	Minimum	-530.9893924
wavelet-LLH	firstorder	Entropy	4.819465397
wavelet-LLH	firstorder	Range	982.5955003
wavelet-LLH	firstorder	Variance	38455.19968

wavelet-LLH	firstorder	10Percentile	-331.9764234
wavelet-LLH	firstorder	Kurtosis	2.956428927
wavelet-LLH	firstorder	Mean	-73.87360027
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012888283
wavelet-LLH	glrlm	GrayLevelVariance	62.89307078
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.013041845
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042685733
wavelet-LLH	glrlm	RunVariance	0.040758095
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.704014335
wavelet-LLH	glrlm	LongRunEmphasis	1.121454295
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	435.6121343
wavelet-LLH	glrlm	RunLengthNonUniformity	146.2221256
wavelet-LLH	glrlm	ShortRunEmphasis	0.971930925
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	494.1483146
wavelet-LLH	glrlm	RunPercentage	0.963190184
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.013738473
wavelet-LLH	glrlm	RunEntropy	4.969135107
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	446.7861288
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.929917806
wavelet-LLH	glszm	GrayLevelVariance	78.21997843
wavelet-LLH	glszm	ZoneVariance	1.444956377
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036172924
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.473581021
wavelet-LLH	glszm	SizeZoneNonUniformity	47.83168317
wavelet-LLH	glszm	GrayLevelNonUniformity	3.653465347
wavelet-LLH	glszm	LargeAreaEmphasis	4.04950495
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	335.3686304
wavelet-LLH	glszm	ZonePercentage	0.619631902
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.032652619
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1655.455446
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	465.2574257
wavelet-LLH	glszm	SmallAreaEmphasis	0.701421655
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017699707
wavelet-LLH	glszm	ZoneEntropy	5.69139227
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016465601
wavelet-LLH	ngtdm	Coarseness	0.033986624
wavelet-LLH	ngtdm	Complexity	3225.676588
wavelet-LLH	ngtdm	Strength	16.53150581
wavelet-LLH	ngtdm	Contrast	0.471502697
wavelet-LLH	ngtdm	Busyness	0.040857395
wavelet-LLL	gldm	GrayLevelVariance	565.0147917
wavelet-LLL	gldm	HighGrayLevelEmphasis	3446.662577
wavelet-LLL	gldm	DependenceEntropy	6.360638277
wavelet-LLL	gldm	DependenceNonUniformity	93.30674847
wavelet-LLL	gldm	GrayLevelNonUniformity	3.085889571
wavelet-LLL	gldm	SmallDependenceEmphasis	0.78502045
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2299.473926
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.57243404
wavelet-LLL	gldm	LargeDependenceEmphasis	2.325153374
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007514057
wavelet-LLL	gldm	DependenceVariance	0.4534608
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11176.42945
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007080194
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007152758
wavelet-LLL	glcm	JointAverage	60.51928117

wavelet-LLL	glcm	SumAverage	121.0385623
wavelet-LLL	glcm	JointEntropy	7.681510236
wavelet-LLL	glcm	ClusterShade	-21186.97969
wavelet-LLL	glcm	MaximumProbability	0.010248799
wavelet-LLL	glcm	Idmn	0.937449277
wavelet-LLL	glcm	JointEnergy	0.00500599
wavelet-LLL	glcm	Contrast	647.0567667
wavelet-LLL	glcm	DifferenceEntropy	5.231024381
wavelet-LLL	glcm	InverseVariance	0.062060572
wavelet-LLL	glcm	DifferenceVariance	238.9366216
wavelet-LLL	glcm	Idn	0.837661811
wavelet-LLL	glcm	Idm	0.060305078
wavelet-LLL	glcm	Correlation	0.378738664
wavelet-LLL	glcm	Autocorrelation	3858.685286
wavelet-LLL	glcm	SumEntropy	6.071382151
wavelet-LLL	glcm	SumSquares	519.1813083
wavelet-LLL	glcm	ClusterProminence	4574258.36
wavelet-LLL	glcm	Imc2	0.999810804
wavelet-LLL	glcm	Imc1	-0.679284225
wavelet-LLL	glcm	DifferenceAverage	20.0207269
wavelet-LLL	glcm	Id	0.120028763
wavelet-LLL	glcm	ClusterTendency	1429.668466
wavelet-LLL	firstorder	InterquartileRange	1082.021918
wavelet-LLL	firstorder	Skewness	-0.130222376
wavelet-LLL	firstorder	Uniformity	0.018931838
wavelet-LLL	firstorder	Median	-569.483217
wavelet-LLL	firstorder	Energy	120673777.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	411.316031
wavelet-LLL	firstorder	MeanAbsoluteDeviation	515.1407002
wavelet-LLL	firstorder	TotalEnergy	3258191990
wavelet-LLL	firstorder	Maximum	358.0090541
wavelet-LLL	firstorder	RootMeanSquared	860.424269
wavelet-LLL	firstorder	90Percentile	177.3281308
wavelet-LLL	firstorder	Minimum	-1945.884172
wavelet-LLL	firstorder	Entropy	5.938135078
wavelet-LLL	firstorder	Range	2303.893226
wavelet-LLL	firstorder	Variance	354097.4291
wavelet-LLL	firstorder	10Percentile	-1398.025336
wavelet-LLL	firstorder	Kurtosis	1.838924566
wavelet-LLL	firstorder	Mean	-621.4760604
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007248609
wavelet-LLL	glrlm	GrayLevelVariance	563.0242101
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007251822
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.018797096
wavelet-LLL	glrlm	RunVariance	0.014150162
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.020676348
wavelet-LLL	glrlm	LongRunEmphasis	1.043345789
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3353.680725
wavelet-LLL	glrlm	RunLengthNonUniformity	156.1717809
wavelet-LLL	glrlm	ShortRunEmphasis	0.989163553
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3659.640628
wavelet-LLL	glrlm	RunPercentage	0.985842378
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.007264673
wavelet-LLL	glrlm	RunEntropy	5.984049176
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3414.872706



wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.971699677
wavelet-LLL	glszm	GrayLevelVariance	526.8161224
wavelet-LLL	glszm	ZoneVariance	0.364997837
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.018057958
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.772491349
wavelet-LLL	glszm	SizeZoneNonUniformity	105.0588235
wavelet-LLL	glszm	GrayLevelNonUniformity	2.455882353
wavelet-LLL	glszm	LargeAreaEmphasis	1.801470588
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2525.067655
wavelet-LLL	glszm	ZonePercentage	0.834355828
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008726168
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	7790.779412
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3026.080882
wavelet-LLL	glszm	SmallAreaEmphasis	0.898220997
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00851095
wavelet-LLL	glszm	ZoneEntropy	6.193721113
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008471484
wavelet-LLL	ngtdm	Coarseness	0.02347146
wavelet-LLL	ngtdm	Complexity	35165.41372
wavelet-LLL	ngtdm	Strength	78.08495199
wavelet-LLL	ngtdm	Contrast	3.009808801
wavelet-LLL	ngtdm	Busyness	0.012611786
wavelet-HHL	gldm	GrayLevelVariance	17.61360985
wavelet-HHL	gldm	HighGrayLevelEmphasis	179.3558282
wavelet-HHL	gldm	DependenceEntropy	5.579912013
wavelet-HHL	gldm	DependenceNonUniformity	43.40490798
wavelet-HHL	gldm	GrayLevelNonUniformity	11.83435583
wavelet-HHL	gldm	SmallDependenceEmphasis	0.491217464
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	96.53202739
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.266287779
wavelet-HHL	gldm	LargeDependenceEmphasis	7.355828221
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.067608845
wavelet-HHL	gldm	DependenceVariance	2.175317099
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1071.601227
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012357462
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016174308
wavelet-HHL	glcm	JointAverage	12.70043552
wavelet-HHL	glcm	SumAverage	25.40087103
wavelet-HHL	glcm	JointEntropy	6.856687865
wavelet-HHL	glcm	ClusterShade	54.98109589
wavelet-HHL	glcm	MaximumProbability	0.025651479
wavelet-HHL	glcm	Idmn	0.948855929
wavelet-HHL	glcm	JointEnergy	0.010191929
wavelet-HHL	glcm	Contrast	34.70160682
wavelet-HHL	glcm	DifferenceEntropy	3.519971271
wavelet-HHL	glcm	InverseVariance	0.214503776
wavelet-HHL	glcm	DifferenceVariance	13.19064621
wavelet-HHL	glcm	Idn	0.852145191
wavelet-HHL	glcm	Idm	0.201906137
wavelet-HHL	glcm	Correlation	-0.027211225
wavelet-HHL	glcm	Autocorrelation	160.9324721
wavelet-HHL	glcm	SumEntropy	4.297049173
wavelet-HHL	glcm	SumSquares	16.94616604
wavelet-HHL	glcm	ClusterProminence	3538.931889
wavelet-HHL	glcm	Imc2	0.939496907

wavelet-HHL	glcm	Imc1	-0.272857257
wavelet-HHL	glcm	DifferenceAverage	4.591745245
wavelet-HHL	glcm	Id	0.293799923
wavelet-HHL	glcm	ClusterTendency	33.08305735
wavelet-HHL	firstorder	InterquartileRange	136.5753841
wavelet-HHL	firstorder	Skewness	0.142996619
wavelet-HHL	firstorder	Uniformity	0.07260341
wavelet-HHL	firstorder	Median	-9.823418482
wavelet-HHL	firstorder	Energy	1806406.58
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	58.89907203
wavelet-HHL	firstorder	MeanAbsoluteDeviation	84.47478432
wavelet-HHL	firstorder	TotalEnergy	48772977.67
wavelet-HHL	firstorder	Maximum	279.9320533
wavelet-HHL	firstorder	RootMeanSquared	105.2722611
wavelet-HHL	firstorder	90Percentile	156.2206002
wavelet-HHL	firstorder	Minimum	-299.5990042
wavelet-HHL	firstorder	Entropy	4.010099419
wavelet-HHL	firstorder	Range	579.5310575
wavelet-HHL	firstorder	Variance	11044.87712
wavelet-HHL	firstorder	10Percentile	-109.3577345
wavelet-HHL	firstorder	Kurtosis	2.948700591
wavelet-HHL	firstorder	Mean	6.113250714
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016322998
wavelet-HHL	glrlm	GrayLevelVariance	18.16776953
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.016605368
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.070943993
wavelet-HHL	glrlm	RunVariance	0.057904228
wavelet-HHL	glrlm	GrayLevelNonUniformity	10.99735785
wavelet-HHL	glrlm	LongRunEmphasis	1.164599253
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	175.4392896
wavelet-HHL	glrlm	RunLengthNonUniformity	140.9673606
wavelet-HHL	glrlm	ShortRunEmphasis	0.963589748
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	205.0767146
wavelet-HHL	glrlm	RunPercentage	0.950920245
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01791438
wavelet-HHL	glrlm	RunEntropy	4.249119397
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	180.9460153
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.909067259
wavelet-HHL	glszm	GrayLevelVariance	24.8794896
wavelet-HHL	glszm	ZoneVariance	3.545723062
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.05741966
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.525283554
wavelet-HHL	glszm	SizeZoneNonUniformity	48.32608696
wavelet-HHL	glszm	GrayLevelNonUniformity	5.282608696
wavelet-HHL	glszm	LargeAreaEmphasis	6.684782609
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	150.7517029
wavelet-HHL	glszm	ZonePercentage	0.564417178
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.068944486
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	989.8586957
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	196.7173913
wavelet-HHL	glszm	SmallAreaEmphasis	0.751108847
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.022703368
wavelet-HHL	glszm	ZoneEntropy	5.11542201
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.021001811
wavelet-HHL	ngtdm	Coarseness	0.033453679

wavelet-HHL	ngtdm	Complexity	623.884252
wavelet-HHL	ngtdm	Strength	4.790143311
wavelet-HHL	ngtdm	Contrast	0.261421731
wavelet-HHL	ngtdm	Busyness	0.123196178
wavelet-HLH	gldm	GrayLevelVariance	10.70390304
wavelet-HLH	gldm	HighGrayLevelEmphasis	100.7791411
wavelet-HLH	gldm	DependenceEntropy	5.437960038
wavelet-HLH	gldm	DependenceNonUniformity	31.98159509
wavelet-HLH	gldm	GrayLevelNonUniformity	16.11656442
wavelet-HLH	gldm	SmallDependenceEmphasis	0.376976946
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	44.07984511
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.196206105
wavelet-HLH	gldm	LargeDependenceEmphasis	11.56441718
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.170535652
wavelet-HLH	gldm	DependenceVariance	3.42617336
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	992.7177914
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020544329
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.029553365
wavelet-HLH	glcm	JointAverage	9.518960744
wavelet-HLH	glcm	SumAverage	19.03792149
wavelet-HLH	glcm	JointEntropy	6.405983204
wavelet-HLH	glcm	ClusterShade	8.506290399
wavelet-HLH	glcm	MaximumProbability	0.042401111
wavelet-HLH	glcm	Idmn	0.952149313
wavelet-HLH	glcm	JointEnergy	0.01552663
wavelet-HLH	glcm	Contrast	20.73940426
wavelet-HLH	glcm	DifferenceEntropy	3.179123114
wavelet-HLH	glcm	InverseVariance	0.281067168
wavelet-HLH	glcm	DifferenceVariance	8.857660623
wavelet-HLH	glcm	Idn	0.860927713
wavelet-HLH	glcm	Idm	0.270845318
wavelet-HLH	glcm	Correlation	-0.020608743
wavelet-HLH	glcm	Autocorrelation	90.43539148
wavelet-HLH	glcm	SumEntropy	4.003107316
wavelet-HLH	glcm	SumSquares	10.18882982
wavelet-HLH	glcm	ClusterProminence	1432.254372
wavelet-HLH	glcm	Imc2	0.892447269
wavelet-HLH	glcm	Imc1	-0.222774269
wavelet-HLH	glcm	DifferenceAverage	3.41935471
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wavelet-HLH	glcm	ClusterTendency	20.01591501
wavelet-HLH	firstorder	InterquartileRange	87.50174339
wavelet-HLH	firstorder	Skewness	0.219199303
wavelet-HLH	firstorder	Uniformity	0.098874628
wavelet-HLH	firstorder	Median	-5.13882471
wavelet-HLH	firstorder	Energy	1062566.352
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	38.90566411
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wavelet-HLH	firstorder	TotalEnergy	28689291.51
wavelet-HLH	firstorder	Maximum	230.5357899
wavelet-HLH	firstorder	RootMeanSquared	80.73916012
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wavelet-HLH	firstorder	Entropy	3.650370338
wavelet-HLH	firstorder	Range	453.8631437

wavelet-HLH	firstorder	Variance	6518.494893
wavelet-HLH	firstorder	10Percentile	-96.04937238
wavelet-HLH	firstorder	Kurtosis	3.674612922
wavelet-HLH	firstorder	Mean	-0.563102062
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.030046012
wavelet-HLH	glrlm	GrayLevelVariance	11.26993262
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.030785309
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.094276956
wavelet-HLH	glrlm	RunVariance	0.084184452
wavelet-HLH	glrlm	GrayLevelNonUniformity	14.2744618
wavelet-HLH	glrlm	LongRunEmphasis	1.244719392
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	97.14571863
wavelet-HLH	glrlm	RunLengthNonUniformity	131.4710457
wavelet-HLH	glrlm	ShortRunEmphasis	0.946007307
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	123.1762889
wavelet-HLH	glrlm	RunPercentage	0.928739972
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.034084889
wavelet-HLH	glrlm	RunEntropy	3.993666148
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	101.835693
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.867974349
wavelet-HLH	glszm	GrayLevelVariance	18.94693878
wavelet-HLH	glszm	ZoneVariance	14.50632653
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.071428571
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.464897959
wavelet-HLH	glszm	SizeZoneNonUniformity	32.54285714
wavelet-HLH	glszm	GrayLevelNonUniformity	5
wavelet-HLH	glszm	LargeAreaEmphasis	19.92857143
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	85.93997631
wavelet-HLH	glszm	ZonePercentage	0.429447853
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.289928208
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1791.128571
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	113.3142857
wavelet-HLH	glszm	SmallAreaEmphasis	0.707332916
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.050451361
wavelet-HLH	glszm	ZoneEntropy	4.834351547
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.045308464
wavelet-HLH	ngtdm	Coarseness	0.038353851
wavelet-HLH	ngtdm	Complexity	297.3222893
wavelet-HLH	ngtdm	Strength	3.410023333
wavelet-HLH	ngtdm	Contrast	0.179032868
wavelet-HLH	ngtdm	Busyness	0.157859711

Image type	Feature Class	Feature Name	
general	info	BoundingBox	5: RTSTRUCT: C99_DNU_B_segment_ITV (0, 1, 1, 9, 7, 7)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	5200d2255f484c654a1f4f71464d2081092a7
general	info	ImageHash	2ad
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	e1360b3132cfce55d37b3bba824004d66934a
general	info	NumpyVersion	064
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	124
original	shape	Maximum2DDiameterSlice	32.03123476
original	shape	Sphericity	19.20937271
original	shape	MinorAxis	0.747482242
original	shape	Elongation	17.18613644
original	shape	SurfaceVolumeRatio	0.547583893
original	shape	Volume	0.432468781
original	shape	MajorAxis	3348
original	shape	SurfaceArea	31.38539438
original	shape	Flatness	1447.905478
original	shape	LeastAxis	0.385846775
original	shape	Maximum2DDiameterColumn	12.10995319
original	shape	Maximum2DDiameterRow	26.83281573
original	gldm	GrayLevelVariance	21.21320344
original	gldm	HighGrayLevelEmphasis	103.9544095
original	gldm	DependenceEntropy	676.4758065
original	gldm	DependenceNonUniformity	5.654739182
original	gldm	GrayLevelNonUniformity	38.46774194
original	gldm	SmallDependenceEmphasis	7.241935484
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.573678547
original	gldm	DependenceNonUniformityNormalized	254.4076161
original	gldm	LargeDependenceEmphasis	0.310223725
original	gldm	LargeDependenceLowGrayLevelEmphasis	14.9516129
original	gldm	DependenceVariance	0.02944537
original	gldm	LargeDependenceHighGrayLevelEmphasis	7.344693028
original	gldm	SmallDependenceLowGrayLevelEmphasis	15889.1371
			0.014735638

original	gldm	LowGrayLevelEmphasis	0.015458235
original	glcm	JointAverage	26.36547733
original	glcm	SumAverage	52.73095465
original	glcm	JointEntropy	6.354352707
original	glcm	ClusterShade	-2537.98632
original	glcm	MaximumProbability	0.068130545
original	glcm	ldmn	0.921239592
original	glcm	JointEnergy	0.018286364
original	glcm	Contrast	135.2646696
original	glcm	DifferenceEntropy	4.077565271
original	glcm	InverseVariance	0.201233305
original	glcm	DifferenceVariance	64.90535886
original	glcm	ldn	0.838306252
original	glcm	ldm	0.226885089
original	glcm	Correlation	0.20514736
original	glcm	Autocorrelation	713.7584872
original	glcm	SumEntropy	4.772707507
original	glcm	SumSquares	85.80833626
original	glcm	ClusterProminence	122405.9161
original	glcm	lmc2	0.992440407
original	glcm	lmc1	-0.503425443
original	glcm	DifferenceAverage	8.261225497
original	glcm	ld	0.291303814
original	glcm	ClusterTendency	207.9686755
original	firstorder	InterquartileRange	439.25
original	firstorder	Skewness	-0.633492003
original	firstorder	Uniformity	0.058402706
original	firstorder	Median	-126
original	firstorder	Energy	13808148
original	firstorder	RobustMeanAbsoluteDeviation	179.3848397
original	firstorder	MeanAbsoluteDeviation	224.2627471
original	firstorder	TotalEnergy	372819996
original	firstorder	Maximum	82
original	firstorder	RootMeanSquared	333.7005128
original	firstorder	90Percentile	42.1
original	firstorder	Minimum	-786
original	firstorder	Entropy	4.667274239
original	firstorder	Range	868
original	firstorder	Variance	65228.07804
original	firstorder	10Percentile	-632.8
original	firstorder	Kurtosis	2.026082929
original	firstorder	Mean	-214.7741935
original	glrlm	ShortRunLowGrayLevelEmphasis	0.016451073
original	glrlm	GrayLevelVariance	104.6800747
original	glrlm	LowGrayLevelRunEmphasis	0.016510096
original	glrlm	GrayLevelNonUniformityNormalized	0.049678193
original	glrlm	RunVariance	0.085004392
original	glrlm	GrayLevelNonUniformity	5.755077596
original	glrlm	LongRunEmphasis	1.238698867
original	glrlm	ShortRunHighGrayLevelEmphasis	594.5269373
original	glrlm	RunLengthNonUniformity	101.7981978
original	glrlm	ShortRunEmphasis	0.950325687
original	glrlm	LongRunHighGrayLevelEmphasis	903.6046665

original	glrlm	RunPercentage	0.932382134
original	glrlm	LongRunLowGrayLevelEmphasis	0.016782419
original	glrlm	RunEntropy	4.982646274
original	glrlm	HighGrayLevelRunEmphasis	647.5035984
original	glrlm	RunLengthNonUniformityNormalized	0.879245574
original	glszm	GrayLevelVariance	95.334722
original	glszm	ZoneVariance	5.105912514
original	glszm	GrayLevelNonUniformityNormalized	0.032526839
original	glszm	SizeZoneNonUniformityNormalized	0.676333921
original	glszm	SizeZoneNonUniformity	53.43037975
original	glszm	GrayLevelNonUniformity	2.569620253
original	glszm	LargeAreaEmphasis	7.569620253
original	glszm	SmallAreaHighGrayLevelEmphasis	353.4468825
original	glszm	ZonePercentage	0.637096774
original	glszm	LargeAreaLowGrayLevelEmphasis	0.030388226
original	glszm	LargeAreaHighGrayLevelEmphasis	7605.886076
original	glszm	HighGrayLevelZoneEmphasis	482.278481
original	glszm	SmallAreaEmphasis	0.846838478
original	glszm	LowGrayLevelZoneEmphasis	0.023396663
original	glszm	ZoneEntropy	5.331704957
original	glszm	SmallAreaLowGrayLevelEmphasis	0.022992343
original	ngtdm	Coarseness	0.025760248
original	ngtdm	Complexity	3549.20757
original	ngtdm	Strength	18.66621141
original	ngtdm	Contrast	1.229750185
original	ngtdm	Busyness	0.039290994
wavelet-HHH	gldm	GrayLevelVariance	11.73387097
wavelet-HHH	gldm	HighGrayLevelEmphasis	101.983871
wavelet-HHH	gldm	DependenceEntropy	5.284576807
wavelet-HHH	gldm	DependenceNonUniformity	35.70967742
wavelet-HHH	gldm	GrayLevelNonUniformity	10.48387097
wavelet-HHH	gldm	SmallDependenceEmphasis	0.411460573
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	47.11575941
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.28798127
wavelet-HHH	gldm	LargeDependenceEmphasis	6.096774194
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.108870316
wavelet-HHH	gldm	DependenceVariance	1.214099896
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	604.9193548
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01595137
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.028458322
wavelet-HHH	glcm	JointAverage	9.503932011
wavelet-HHH	glcm	SumAverage	19.00786402
wavelet-HHH	glcm	JointEntropy	6.354289195
wavelet-HHH	glcm	ClusterShade	-0.520375886
wavelet-HHH	glcm	MaximumProbability	0.02902155
wavelet-HHH	glcm	ldmn	0.937339828
wavelet-HHH	glcm	JointEnergy	0.01388453
wavelet-HHH	glcm	Contrast	24.32356052
wavelet-HHH	glcm	DifferenceEntropy	3.26842062
wavelet-HHH	glcm	InverseVariance	0.220607425
wavelet-HHH	glcm	DifferenceVariance	8.609880698
wavelet-HHH	glcm	ldn	0.834986102
wavelet-HHH	glcm	ldm	0.217450948

wavelet-HHH	glcm	Correlation	-0.038238012
wavelet-HHH	glcm	Autocorrelation	89.88130589
wavelet-HHH	glcm	SumEntropy	4.0075494
wavelet-HHH	glcm	SumSquares	11.70398502
wavelet-HHH	glcm	ClusterProminence	1469.299903
wavelet-HHH	glcm	Imc2	0.94373359
wavelet-HHH	glcm	Imc1	-0.299892908
wavelet-HHH	glcm	DifferenceAverage	3.927384066
wavelet-HHH	glcm	Id	0.313172675
wavelet-HHH	glcm	ClusterTendency	22.49237956
wavelet-HHH	firstorder	InterquartileRange	114.7738408
wavelet-HHH	firstorder	Skewness	-0.03319728
wavelet-HHH	firstorder	Uniformity	0.084547347
wavelet-HHH	firstorder	Median	5.379480942
wavelet-HHH	firstorder	Energy	891792.4997
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	47.67229159
wavelet-HHH	firstorder	MeanAbsoluteDeviation	68.56454447
wavelet-HHH	firstorder	TotalEnergy	24078397.49
wavelet-HHH	firstorder	Maximum	201.5615885
wavelet-HHH	firstorder	RootMeanSquared	84.80492319
wavelet-HHH	firstorder	90Percentile	103.9724397
wavelet-HHH	firstorder	Minimum	-201.7057906
wavelet-HHH	firstorder	Entropy	3.771427762
wavelet-HHH	firstorder	Range	403.2673791
wavelet-HHH	firstorder	Variance	7191.737403
wavelet-HHH	firstorder	10Percentile	-113.8329301
wavelet-HHH	firstorder	Kurtosis	2.644732235
wavelet-HHH	firstorder	Mean	-0.370938118
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028348913
wavelet-HHH	glrlm	GrayLevelVariance	11.9685412
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.028988544
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.083751556
wavelet-HHH	glrlm	RunVariance	0.050348094
wavelet-HHH	glrlm	GrayLevelNonUniformity	9.901818736
wavelet-HHH	glrlm	LongRunEmphasis	1.151251763
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	98.79343572
wavelet-HHH	glrlm	RunLengthNonUniformity	107.7057802
wavelet-HHH	glrlm	ShortRunEmphasis	0.964398251
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	117.0208136
wavelet-HHH	glrlm	RunPercentage	0.953473945
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.031623273
wavelet-HHH	glrlm	RunEntropy	3.986251148
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	102.2206304
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.910515063
wavelet-HHH	glszm	GrayLevelVariance	15.75442248
wavelet-HHH	glszm	ZoneVariance	2.935483871
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.073881374
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.38917794
wavelet-HHH	glszm	SizeZoneNonUniformity	24.12903226
wavelet-HHH	glszm	GrayLevelNonUniformity	4.580645161
wavelet-HHH	glszm	LargeAreaEmphasis	6.935483871
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	77.56710144
wavelet-HHH	glszm	ZonePercentage	0.5



wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.130376052
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	675.3870968
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	110.0322581
wavelet-HHH	glszm	SmallAreaEmphasis	0.636019128
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.037513321
wavelet-HHH	glszm	ZoneEntropy	5.099042278
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02771737
wavelet-HHH	ngtdm	Coarseness	0.043516334
wavelet-HHH	ngtdm	Complexity	345.3137884
wavelet-HHH	ngtdm	Strength	3.776796337
wavelet-HHH	ngtdm	Contrast	0.227857153
wavelet-HHH	ngtdm	Busyness	0.148566463
wavelet-HLL	gldm	GrayLevelVariance	108.5262097
wavelet-HLL	gldm	HighGrayLevelEmphasis	824.0887097
wavelet-HLL	gldm	DependenceEntropy	5.822714355
wavelet-HLL	gldm	DependenceNonUniformity	49.51612903
wavelet-HLL	gldm	GrayLevelNonUniformity	4.274193548
wavelet-HLL	gldm	SmallDependenceEmphasis	0.621807796
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	494.2735775
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.399323621
wavelet-HLL	gldm	LargeDependenceEmphasis	3.322580645
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017372875
wavelet-HLL	gldm	DependenceVariance	0.616024974
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2811.459677
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012139981
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.012874741
wavelet-HLL	glcm	JointAverage	26.51234167
wavelet-HLL	glcm	SumAverage	53.02468334
wavelet-HLL	glcm	JointEntropy	6.913246855
wavelet-HLL	glcm	ClusterShade	162.0986781
wavelet-HLL	glcm	MaximumProbability	0.018825633
wavelet-HLL	glcm	Idmn	0.94882981
wavelet-HLL	glcm	JointEnergy	0.008826569
wavelet-HLL	glcm	Contrast	122.5506923
wavelet-HLL	glcm	DifferenceEntropy	4.085165313
wavelet-HLL	glcm	InverseVariance	0.141854702
wavelet-HLL	glcm	DifferenceVariance	44.61098492
wavelet-HLL	glcm	Idn	0.854118429
wavelet-HLL	glcm	Idm	0.126805897
wavelet-HLL	glcm	Correlation	0.368179561
wavelet-HLL	glcm	Autocorrelation	740.4749963
wavelet-HLL	glcm	SumEntropy	5.16956895
wavelet-HLL	glcm	SumSquares	98.68714524
wavelet-HLL	glcm	ClusterProminence	162639.8147
wavelet-HLL	glcm	Imc2	0.99846664
wavelet-HLL	glcm	Imc1	-0.593625094
wavelet-HLL	glcm	DifferenceAverage	8.519922934
wavelet-HLL	glcm	Id	0.208809684
wavelet-HLL	glcm	ClusterTendency	272.1978887
wavelet-HLL	firstorder	InterquartileRange	440.8311844
wavelet-HLL	firstorder	Skewness	-0.202278159
wavelet-HLL	firstorder	Uniformity	0.034469303
wavelet-HLL	firstorder	Median	-35.94989363

wavelet-HLL	firstorder	Energy	8938374.804
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	171.9622503
wavelet-HLL	firstorder	MeanAbsoluteDeviation	222.544631
wavelet-HLL	firstorder	TotalEnergy	241336119.7
wavelet-HLL	firstorder	Maximum	397.395514
wavelet-HLL	firstorder	RootMeanSquared	268.4840177
wavelet-HLL	firstorder	90Percentile	267.6811498
wavelet-HLL	firstorder	Minimum	-702.2988584
wavelet-HLL	firstorder	Entropy	5.031328142
wavelet-HLL	firstorder	Range	1099.694372
wavelet-HLL	firstorder	Variance	67581.1379
wavelet-HLL	firstorder	10Percentile	-378.5471002
wavelet-HLL	firstorder	Kurtosis	2.189371929
wavelet-HLL	firstorder	Mean	-67.10089327
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.013119859
wavelet-HLL	grlm	GrayLevelVariance	108.9705414
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.013157155
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.034315727
wavelet-HLL	grlm	RunVariance	0.026080852
wavelet-HLL	grlm	GrayLevelNonUniformity	4.149708126
wavelet-HLL	grlm	LongRunEmphasis	1.078805263
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	806.8903036
wavelet-HLL	grlm	RunLengthNonUniformity	115.1514301
wavelet-HLL	grlm	ShortRunEmphasis	0.981029198
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	891.6567796
wavelet-HLL	grlm	RunPercentage	0.975186104
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.013308595
wavelet-HLL	grlm	RunEntropy	5.110527588
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	823.0862023
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.951580774
wavelet-HLL	glszm	GrayLevelVariance	114.7774271
wavelet-HLL	glszm	ZoneVariance	0.553212978
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.031940412
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.570003787
wavelet-HLL	glszm	SizeZoneNonUniformity	50.73033708
wavelet-HLL	glszm	GrayLevelNonUniformity	2.842696629
wavelet-HLL	glszm	LargeAreaEmphasis	2.494382022
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	616.261392
wavelet-HLL	glszm	ZonePercentage	0.717741935
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.020060203
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2104.258427
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	807.2359551
wavelet-HLL	glszm	SmallAreaEmphasis	0.783629838
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017170024
wavelet-HLL	glszm	ZoneEntropy	5.680295369
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016751807
wavelet-HLL	ngtdm	Coarseness	0.047288458
wavelet-HLL	ngtdm	Complexity	3445.58732
wavelet-HLL	ngtdm	Strength	30.98317841
wavelet-HLL	ngtdm	Contrast	0.800279352
wavelet-HLL	ngtdm	Busyness	0.024422587
wavelet-LHL	gldm	GrayLevelVariance	105.8376691
wavelet-LHL	gldm	HighGrayLevelEmphasis	633.3548387

wavelet-LHL	gldm	DependenceEntropy	5.728282855
wavelet-LHL	gldm	DependenceNonUniformity	62.32258065
wavelet-LHL	gldm	GrayLevelNonUniformity	4.080645161
wavelet-LHL	gldm	SmallDependenceEmphasis	0.731742832
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	474.3200045
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.502601457
wavelet-LHL	gldm	LargeDependenceEmphasis	2.612903226
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017734495
wavelet-LHL	gldm	DependenceVariance	0.505723205
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1416.145161
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011984766
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.012656228
wavelet-LHL	glcm	JointAverage	22.58338969
wavelet-LHL	glcm	SumAverage	45.16677937
wavelet-LHL	glcm	JointEntropy	6.970139914
wavelet-LHL	glcm	ClusterShade	1166.991128
wavelet-LHL	glcm	MaximumProbability	0.01754824
wavelet-LHL	glcm	ldmn	0.945210652
wavelet-LHL	glcm	JointEnergy	0.008437786
wavelet-LHL	glcm	Contrast	160.3632151
wavelet-LHL	glcm	DifferenceEntropy	4.272963515
wavelet-LHL	glcm	InverseVariance	0.104397188
wavelet-LHL	glcm	DifferenceVariance	60.41488734
wavelet-LHL	glcm	ldn	0.84826885
wavelet-LHL	glcm	ldm	0.09579904
wavelet-LHL	glcm	Correlation	0.145363093
wavelet-LHL	glcm	Autocorrelation	526.5210645
wavelet-LHL	glcm	SumEntropy	5.146255241
wavelet-LHL	glcm	SumSquares	96.38906579
wavelet-LHL	glcm	ClusterProminence	145427.2348
wavelet-LHL	glcm	lmc2	0.998711409
wavelet-LHL	glcm	lmc1	-0.604846255
wavelet-LHL	glcm	DifferenceAverage	9.731720877
wavelet-LHL	glcm	ld	0.179876776
wavelet-LHL	glcm	ClusterTendency	225.1930481
wavelet-LHL	firstorder	InterquartileRange	385.8324984
wavelet-LHL	firstorder	Skewness	0.368146772
wavelet-LHL	firstorder	Uniformity	0.032908429
wavelet-LHL	firstorder	Median	-101.8301478
wavelet-LHL	firstorder	Energy	8698235.999
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	153.520632
wavelet-LHL	firstorder	MeanAbsoluteDeviation	212.6384877
wavelet-LHL	firstorder	TotalEnergy	234852372
wavelet-LHL	firstorder	Maximum	588.237795
wavelet-LHL	firstorder	RootMeanSquared	264.8529111
wavelet-LHL	firstorder	90Percentile	287.9267588
wavelet-LHL	firstorder	Minimum	-610.5487771
wavelet-LHL	firstorder	Entropy	5.118083235
wavelet-LHL	firstorder	Range	1198.786572
wavelet-LHL	firstorder	Variance	66127.65194
wavelet-LHL	firstorder	10Percentile	-349.5750406
wavelet-LHL	firstorder	Kurtosis	2.527211162
wavelet-LHL	firstorder	Mean	-63.39883727

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.012791654
wavelet-LHL	grlm	GrayLevelVariance	106.7842163
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.012830234
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.032665055
wavelet-LHL	grlm	RunVariance	0.017356095
wavelet-LHL	grlm	GrayLevelNonUniformity	3.980321378
wavelet-LHL	grlm	LongRunEmphasis	1.053439452
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	628.1935848
wavelet-LHL	grlm	RunLengthNonUniformity	117.6484306
wavelet-LHL	grlm	ShortRunEmphasis	0.986640137
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	663.4292256
wavelet-LHL	grlm	RunPercentage	0.982630273
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.012984556
wavelet-LHL	grlm	RunEntropy	5.177133621
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	635.2407129
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.965287809
wavelet-LHL	glszm	GrayLevelVariance	119.2499
wavelet-LHL	glszm	ZoneVariance	0.3224
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.0308
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.691
wavelet-LHL	glszm	SizeZoneNonUniformity	69.1
wavelet-LHL	glszm	GrayLevelNonUniformity	3.08
wavelet-LHL	glszm	LargeAreaEmphasis	1.86
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	556.400625
wavelet-LHL	glszm	ZonePercentage	0.806451613
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.017525561
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1101.96
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	647.79
wavelet-LHL	glszm	SmallAreaEmphasis	0.857569444
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015070663
wavelet-LHL	glszm	ZoneEntropy	5.598821255
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014751521
wavelet-LHL	ngtdm	Coarseness	0.039422957
wavelet-LHL	ngtdm	Complexity	4790.808412
wavelet-LHL	ngtdm	Strength	26.54856428
wavelet-LHL	ngtdm	Contrast	0.924331747
wavelet-LHL	ngtdm	Busyness	0.043932279
wavelet-LHH	gldm	GrayLevelVariance	37.89509625
wavelet-LHH	gldm	HighGrayLevelEmphasis	309.8790323
wavelet-LHH	gldm	DependenceEntropy	5.446880815
wavelet-LHH	gldm	DependenceNonUniformity	42.4516129
wavelet-LHH	gldm	GrayLevelNonUniformity	6.806451613
wavelet-LHH	gldm	SmallDependenceEmphasis	0.571601703
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	193.5299574
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.342351717
wavelet-LHH	gldm	LargeDependenceEmphasis	4.35483871
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.085514346
wavelet-LHH	gldm	DependenceVariance	0.973985432
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1212.766129
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009629523
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.023473884
wavelet-LHH	glcm	JointAverage	16.44226172
wavelet-LHH	glcm	SumAverage	32.88452343

wavelet-LHH	glcm	JointEntropy	6.745363905
wavelet-LHH	glcm	ClusterShade	19.77207535
wavelet-LHH	glcm	MaximumProbability	0.026473748
wavelet-LHH	glcm	Idmn	0.943983303
wavelet-LHH	glcm	JointEnergy	0.010294079
wavelet-LHH	glcm	Contrast	74.07759296
wavelet-LHH	glcm	DifferenceEntropy	3.906491641
wavelet-LHH	glcm	InverseVariance	0.166642435
wavelet-LHH	glcm	DifferenceVariance	29.32552238
wavelet-LHH	glcm	Idn	0.848446256
wavelet-LHH	glcm	Idm	0.1573884
wavelet-LHH	glcm	Correlation	-0.050288136
wavelet-LHH	glcm	Autocorrelation	268.7197757
wavelet-LHH	glcm	SumEntropy	4.575834921
wavelet-LHH	glcm	SumSquares	35.28214748
wavelet-LHH	glcm	ClusterProminence	15141.91991
wavelet-LHH	glcm	Imc2	0.988647512
wavelet-LHH	glcm	Imc1	-0.440231053
wavelet-LHH	glcm	DifferenceAverage	6.57828336
wavelet-LHH	glcm	Id	0.245095139
wavelet-LHH	glcm	ClusterTendency	67.05099694
wavelet-LHH	firstorder	InterquartileRange	185.6186784
wavelet-LHH	firstorder	Skewness	0.058987789
wavelet-LHH	firstorder	Uniformity	0.054890739
wavelet-LHH	firstorder	Median	-4.979982605
wavelet-LHH	firstorder	Energy	2914032.463
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	76.18135142
wavelet-LHH	firstorder	MeanAbsoluteDeviation	118.2419832
wavelet-LHH	firstorder	TotalEnergy	78678876.5
wavelet-LHH	firstorder	Maximum	404.2830593
wavelet-LHH	firstorder	RootMeanSquared	153.2979511
wavelet-LHH	firstorder	90Percentile	233.4722328
wavelet-LHH	firstorder	Minimum	-398.1797976
wavelet-LHH	firstorder	Entropy	4.412369116
wavelet-LHH	firstorder	Range	802.4628568
wavelet-LHH	firstorder	Variance	23499.89659
wavelet-LHH	firstorder	10Percentile	-184.9049068
wavelet-LHH	firstorder	Kurtosis	3.148232683
wavelet-LHH	firstorder	Mean	0.604327622
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.02281895
wavelet-LHH	grlm	GrayLevelVariance	38.72817394
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.023439122
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.054069697
wavelet-LHH	grlm	RunVariance	0.03468774
wavelet-LHH	grlm	GrayLevelNonUniformity	6.489891928
wavelet-LHH	grlm	LongRunEmphasis	1.104357665
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	304.5944649
wavelet-LHH	grlm	RunLengthNonUniformity	112.6994695
wavelet-LHH	grlm	ShortRunEmphasis	0.975335184
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	339.2822212
wavelet-LHH	grlm	RunPercentage	0.967741935
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.025943593
wavelet-LHH	grlm	RunEntropy	4.546079609

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	311.2577759
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.938123945
wavelet-LHH	glszm	GrayLevelVariance	50.774375
wavelet-LHH	glszm	ZoneVariance	1.3725
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.045625
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.5653125
wavelet-LHH	glszm	SizeZoneNonUniformity	45.225
wavelet-LHH	glszm	GrayLevelNonUniformity	3.65
wavelet-LHH	glszm	LargeAreaEmphasis	3.775
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	270.2389485
wavelet-LHH	glszm	ZonePercentage	0.64516129
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.070311123
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1080.2875
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	330.5
wavelet-LHH	glszm	SmallAreaEmphasis	0.779140519
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.021659387
wavelet-LHH	glszm	ZoneEntropy	5.179950014
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.011375986
wavelet-LHH	ngtdm	Coarseness	0.043333778
wavelet-LHH	ngtdm	Complexity	1436.319853
wavelet-LHH	ngtdm	Strength	9.741602642
wavelet-LHH	ngtdm	Contrast	0.538486773
wavelet-LHH	ngtdm	Busyness	0.064436793
wavelet-LLH	gldm	GrayLevelVariance	90.43704475
wavelet-LLH	gldm	HighGrayLevelEmphasis	600.3225806
wavelet-LLH	gldm	DependenceEntropy	5.570816827
wavelet-LLH	gldm	DependenceNonUniformity	54.77419355
wavelet-LLH	gldm	GrayLevelNonUniformity	5.129032258
wavelet-LLH	gldm	SmallDependenceEmphasis	0.678091398
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	414.6147513
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.441727367
wavelet-LLH	gldm	LargeDependenceEmphasis	3.080645161
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026054945
wavelet-LLH	gldm	DependenceVariance	0.632934443
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1816
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013626639
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.015733543
wavelet-LLH	glcm	JointAverage	22.12897232
wavelet-LLH	glcm	SumAverage	44.25794463
wavelet-LLH	glcm	JointEntropy	6.902505607
wavelet-LLH	glcm	ClusterShade	88.26695509
wavelet-LLH	glcm	MaximumProbability	0.022919968
wavelet-LLH	glcm	ldmn	0.935622681
wavelet-LLH	glcm	JointEnergy	0.009064598
wavelet-LLH	glcm	Contrast	155.6438478
wavelet-LLH	glcm	DifferenceEntropy	4.304026242
wavelet-LLH	glcm	InverseVariance	0.099317004
wavelet-LLH	glcm	DifferenceVariance	55.91201371
wavelet-LLH	glcm	ldn	0.83523092
wavelet-LLH	glcm	ldm	0.101044449
wavelet-LLH	glcm	Correlation	0.062102028
wavelet-LLH	glcm	Autocorrelation	496.8806446
wavelet-LLH	glcm	SumEntropy	5.062490658

wavelet-LLH	glcm	SumSquares	84.93533466
wavelet-LLH	glcm	ClusterProminence	111855.0165
wavelet-LLH	glcm	Imc2	0.997127651
wavelet-LLH	glcm	Imc1	-0.54824503
wavelet-LLH	glcm	DifferenceAverage	9.681110492
wavelet-LLH	glcm	Id	0.1840649
wavelet-LLH	glcm	ClusterTendency	184.0974909
wavelet-LLH	firstorder	InterquartileRange	262.4622322
wavelet-LLH	firstorder	Skewness	0.051854208
wavelet-LLH	firstorder	Uniformity	0.041363163
wavelet-LLH	firstorder	Median	-30.63106448
wavelet-LLH	firstorder	Energy	7030208.283
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	122.0210477
wavelet-LLH	firstorder	MeanAbsoluteDeviation	184.5599977
wavelet-LLH	firstorder	TotalEnergy	189815623.7
wavelet-LLH	firstorder	Maximum	512.6060417
wavelet-LLH	firstorder	RootMeanSquared	238.1075977
wavelet-LLH	firstorder	90Percentile	287.431831
wavelet-LLH	firstorder	Minimum	-570.6632558
wavelet-LLH	firstorder	Entropy	4.89623021
wavelet-LLH	firstorder	Range	1083.269297
wavelet-LLH	firstorder	Variance	56166.19806
wavelet-LLH	firstorder	10Percentile	-338.2990627
wavelet-LLH	firstorder	Kurtosis	2.819115724
wavelet-LLH	firstorder	Mean	-23.00065286
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.015866439
wavelet-LLH	glrlm	GrayLevelVariance	90.85061777
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.015960297
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040774794
wavelet-LLH	glrlm	RunVariance	0.024200384
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.947005107
wavelet-LLH	glrlm	LongRunEmphasis	1.070119784
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	591.0611321
wavelet-LLH	glrlm	RunLengthNonUniformity	116.4219583
wavelet-LLH	glrlm	ShortRunEmphasis	0.983876993
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	641.3473778
wavelet-LLH	glrlm	RunPercentage	0.978287841
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.016349718
wavelet-LLH	glrlm	RunEntropy	4.972697505
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	600.637859
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.959102646
wavelet-LLH	glszm	GrayLevelVariance	98.84587814
wavelet-LLH	glszm	ZoneVariance	0.716845878
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036651636
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.652907851
wavelet-LLH	glszm	SizeZoneNonUniformity	60.72043011
wavelet-LLH	glszm	GrayLevelNonUniformity	3.408602151
wavelet-LLH	glszm	LargeAreaEmphasis	2.494623656
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	515.5822255
wavelet-LLH	glszm	ZonePercentage	0.75
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.026307315
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1393.505376
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	612.6236559

wavelet-LLH	glszm	SmallAreaEmphasis	0.834822191
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01898504
wavelet-LLH	glszm	ZoneEntropy	5.384319129
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017702735
wavelet-LLH	ngtdm	Coarseness	0.040523508
wavelet-LLH	ngtdm	Complexity	4000.722501
wavelet-LLH	ngtdm	Strength	22.19341258
wavelet-LLH	ngtdm	Contrast	0.851288471
wavelet-LLH	ngtdm	Busyness	0.031071814
wavelet-LLL	gldm	GrayLevelVariance	596.4726197
wavelet-LLL	gldm	HighGrayLevelEmphasis	2707.282258
wavelet-LLL	gldm	DependenceEntropy	6.086061306
wavelet-LLL	gldm	DependenceNonUniformity	89.87096774
wavelet-LLL	gldm	GrayLevelNonUniformity	2.35483871
wavelet-LLL	gldm	SmallDependenceEmphasis	0.876792115
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2142.450717
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.724765869
wavelet-LLL	gldm	LargeDependenceEmphasis	1.564516129
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019571184
wavelet-LLL	gldm	DependenceVariance	0.178199792
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5310.443548
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019169819
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.019246401
wavelet-LLL	glcm	JointAverage	53.42920092
wavelet-LLL	glcm	SumAverage	106.8584018
wavelet-LLL	glcm	JointEntropy	7.095169052
wavelet-LLL	glcm	ClusterShade	-16426.92303
wavelet-LLL	glcm	MaximumProbability	0.013706966
wavelet-LLL	glcm	ldmn	0.924767901
wavelet-LLL	glcm	JointEnergy	0.007482228
wavelet-LLL	glcm	Contrast	734.1614074
wavelet-LLL	glcm	DifferenceEntropy	5.000046642
wavelet-LLL	glcm	InverseVariance	0.038322557
wavelet-LLL	glcm	DifferenceVariance	239.3814468
wavelet-LLL	glcm	ldn	0.818407047
wavelet-LLL	glcm	ldm	0.038110867
wavelet-LLL	glcm	Correlation	0.349844204
wavelet-LLL	glcm	Autocorrelation	3059.598347
wavelet-LLL	glcm	SumEntropy	5.644789691
wavelet-LLL	glcm	SumSquares	568.6077513
wavelet-LLL	glcm	ClusterProminence	4988080.488
wavelet-LLL	glcm	lmc2	0.999918331
wavelet-LLL	glcm	lmc1	-0.762405336
wavelet-LLL	glcm	DifferenceAverage	21.85559996
wavelet-LLL	glcm	ld	0.095824506
wavelet-LLL	glcm	ClusterTendency	1540.269598
wavelet-LLL	firstorder	InterquartileRange	1033.383972
wavelet-LLL	firstorder	Skewness	-0.004044665
wavelet-LLL	firstorder	Uniformity	0.018990635
wavelet-LLL	firstorder	Median	-789.2641639
wavelet-LLL	firstorder	Energy	118745825.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	410.5714605
wavelet-LLL	firstorder	MeanAbsoluteDeviation	526.4719186



wavelet-LLL	firstorder	TotalEnergy	3206137297
wavelet-LLL	firstorder	Maximum	316.9304208
wavelet-LLL	firstorder	RootMeanSquared	978.584502
wavelet-LLL	firstorder	90Percentile	93.06613814
wavelet-LLL	firstorder	Minimum	-1888.166473
wavelet-LLL	firstorder	Entropy	5.906507577
wavelet-LLL	firstorder	Range	2205.096894
wavelet-LLL	firstorder	Variance	373250.9295
wavelet-LLL	firstorder	10Percentile	-1629.911912
wavelet-LLL	firstorder	Kurtosis	1.870277884
wavelet-LLL	firstorder	Mean	-764.4453532
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.0193724
wavelet-LLL	grlm	GrayLevelVariance	594.6227994
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.019375484
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.018962334
wavelet-LLL	grlm	RunVariance	0.006822098
wavelet-LLL	grlm	GrayLevelNonUniformity	2.335292344
wavelet-LLL	grlm	LongRunEmphasis	1.020761689
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2670.28059
wavelet-LLL	grlm	RunLengthNonUniformity	121.4855304
wavelet-LLL	grlm	ShortRunEmphasis	0.994809578
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2789.718273
wavelet-LLL	grlm	RunPercentage	0.993176179
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.019387821
wavelet-LLL	grlm	RunEntropy	5.920157794
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2694.168127
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.986355804
wavelet-LLL	glszm	GrayLevelVariance	568.2911739
wavelet-LLL	glszm	ZoneVariance	0.123267288
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.018717206
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.85120213
wavelet-LLL	glszm	SizeZoneNonUniformity	96.18584071
wavelet-LLL	glszm	GrayLevelNonUniformity	2.115044248
wavelet-LLL	glszm	LargeAreaEmphasis	1.327433628
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2239.058751
wavelet-LLL	glszm	ZonePercentage	0.911290323
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.02124482
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4036.20354
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2523.026549
wavelet-LLL	glszm	SmallAreaEmphasis	0.937807276
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.021062063
wavelet-LLL	glszm	ZoneEntropy	6.026827277
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021021438
wavelet-LLL	ngtdm	Coarseness	0.029283984
wavelet-LLL	ngtdm	Complexity	35534.8717
wavelet-LLL	ngtdm	Strength	90.94149017
wavelet-LLL	ngtdm	Contrast	3.845453123
wavelet-LLL	ngtdm	Busyness	0.012533288
wavelet-HHL	gldm	GrayLevelVariance	26.97261967
wavelet-HHL	gldm	HighGrayLevelEmphasis	184.6370968
wavelet-HHL	gldm	DependenceEntropy	5.017541804
wavelet-HHL	gldm	DependenceNonUniformity	44.61290323
wavelet-HHL	gldm	GrayLevelNonUniformity	7.870967742

wavelet-HHL	gldm	SmallDependenceEmphasis	0.531193996
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	107.3734319
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.359781478
wavelet-HHL	gldm	LargeDependenceEmphasis	3.790322581
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049394413
wavelet-HHL	gldm	DependenceVariance	0.585067638
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	636.1693548
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019256636
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.02366358
wavelet-HHL	glcm	JointAverage	12.18912021
wavelet-HHL	glcm	SumAverage	24.37824042
wavelet-HHL	glcm	JointEntropy	6.679321697
wavelet-HHL	glcm	ClusterShade	92.53502377
wavelet-HHL	glcm	MaximumProbability	0.024834783
wavelet-HHL	glcm	Idmn	0.941557787
wavelet-HHL	glcm	JointEnergy	0.010894631
wavelet-HHL	glcm	Contrast	51.63323014
wavelet-HHL	glcm	DifferenceEntropy	3.68012762
wavelet-HHL	glcm	InverseVariance	0.180625937
wavelet-HHL	glcm	DifferenceVariance	19.18983006
wavelet-HHL	glcm	Idn	0.842005514
wavelet-HHL	glcm	Idm	0.162720722
wavelet-HHL	glcm	Correlation	0.001580158
wavelet-HHL	glcm	Autocorrelation	148.8673645
wavelet-HHL	glcm	SumEntropy	4.494740716
wavelet-HHL	glcm	SumSquares	25.98516018
wavelet-HHL	glcm	ClusterProminence	8271.392296
wavelet-HHL	glcm	Imc2	0.981419952
wavelet-HHL	glcm	Imc1	-0.401300506
wavelet-HHL	glcm	DifferenceAverage	5.611872102
wavelet-HHL	glcm	Id	0.255322262
wavelet-HHL	glcm	ClusterTendency	52.30741057
wavelet-HHL	firstorder	InterquartileRange	173.6993661
wavelet-HHL	firstorder	Skewness	0.318719899
wavelet-HHL	firstorder	Uniformity	0.063475546
wavelet-HHL	firstorder	Median	28.19869252
wavelet-HHL	firstorder	Energy	2167329.971
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	69.70767968
wavelet-HHL	firstorder	MeanAbsoluteDeviation	102.7903831
wavelet-HHL	firstorder	TotalEnergy	58517909.22
wavelet-HHL	firstorder	Maximum	399.7385129
wavelet-HHL	firstorder	RootMeanSquared	132.2061553
wavelet-HHL	firstorder	90Percentile	173.8644554
wavelet-HHL	firstorder	Minimum	-251.378785
wavelet-HHL	firstorder	Entropy	4.251824341
wavelet-HHL	firstorder	Range	651.117298
wavelet-HHL	firstorder	Variance	16823.31082
wavelet-HHL	firstorder	10Percentile	-119.3746791
wavelet-HHL	firstorder	Kurtosis	3.18204681
wavelet-HHL	firstorder	Mean	25.59602883
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.023898098
wavelet-HHL	glrlm	GrayLevelVariance	27.34626221
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024117996

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.062520946
wavelet-HHL	grlm	RunVariance	0.030343835
wavelet-HHL	grlm	GrayLevelNonUniformity	7.517983135
wavelet-HHL	grlm	LongRunEmphasis	1.094780281
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	181.4614816
wavelet-HHL	grlm	RunLengthNonUniformity	112.9890161
wavelet-HHL	grlm	ShortRunEmphasis	0.97630493
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	200.7663398
wavelet-HHL	grlm	RunPercentage	0.969602978
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.024997588
wavelet-HHL	grlm	RunEntropy	4.390937288
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	185.3224532
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.93931233
wavelet-HHL	glszm	GrayLevelVariance	33.5933344
wavelet-HHL	glszm	ZoneVariance	0.95401378
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.053356834
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.475404583
wavelet-HHL	glszm	SizeZoneNonUniformity	37.55696203
wavelet-HHL	glszm	GrayLevelNonUniformity	4.215189873
wavelet-HHL	glszm	LargeAreaEmphasis	3.417721519
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	148.1823347
wavelet-HHL	glszm	ZonePercentage	0.637096774
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.053551821
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	597.0759494
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	195.4303797
wavelet-HHL	glszm	SmallAreaEmphasis	0.713410689
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.031900292
wavelet-HHL	glszm	ZoneEntropy	5.0796893
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.029126727
wavelet-HHL	ngtdm	Coarseness	0.0424029
wavelet-HHL	ngtdm	Complexity	1030.452433
wavelet-HHL	ngtdm	Strength	9.153080233
wavelet-HHL	ngtdm	Contrast	0.33991095
wavelet-HHL	ngtdm	Busyness	0.077787101
wavelet-HLH	gldm	GrayLevelVariance	20.02256764
wavelet-HLH	gldm	HighGrayLevelEmphasis	175.266129
wavelet-HLH	gldm	DependenceEntropy	5.387647121
wavelet-HLH	gldm	DependenceNonUniformity	35.90322581
wavelet-HLH	gldm	GrayLevelNonUniformity	8.693548387
wavelet-HLH	gldm	SmallDependenceEmphasis	0.458725358
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	87.0655802
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.289542144
wavelet-HLH	gldm	LargeDependenceEmphasis	5.274193548
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.055517452
wavelet-HLH	gldm	DependenceVariance	0.945109261
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	887.8790323
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014706193
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.019489072
wavelet-HLH	glcm	JointAverage	12.55029423
wavelet-HLH	glcm	SumAverage	25.10058846
wavelet-HLH	glcm	JointEntropy	6.554783056
wavelet-HLH	glcm	ClusterShade	52.66193955
wavelet-HLH	glcm	MaximumProbability	0.029021235

wavelet-HLH	glcm	Idmn	0.940548747
wavelet-HLH	glcm	JointEnergy	0.012088591
wavelet-HLH	glcm	Contrast	41.03239771
wavelet-HLH	glcm	DifferenceEntropy	3.567874303
wavelet-HLH	glcm	InverseVariance	0.200950935
wavelet-HLH	glcm	DifferenceVariance	15.22197132
wavelet-HLH	glcm	Idn	0.841985249
wavelet-HLH	glcm	Idm	0.195145855
wavelet-HLH	glcm	Correlation	-0.015485002
wavelet-HLH	glcm	Autocorrelation	157.277152
wavelet-HLH	glcm	SumEntropy	4.32136813
wavelet-HLH	glcm	SumSquares	20.22238565
wavelet-HLH	glcm	ClusterProminence	4760.251486
wavelet-HLH	glcm	Imc2	0.973848178
wavelet-HLH	glcm	Imc1	-0.374645449
wavelet-HLH	glcm	DifferenceAverage	5.003333863
wavelet-HLH	glcm	Id	0.284968312
wavelet-HLH	glcm	ClusterTendency	39.8571449
wavelet-HLH	firstorder	InterquartileRange	162.9251581
wavelet-HLH	firstorder	Skewness	0.172442392
wavelet-HLH	firstorder	Uniformity	0.070109261
wavelet-HLH	firstorder	Median	-7.075899717
wavelet-HLH	firstorder	Energy	1592617.093
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	61.19021637
wavelet-HLH	firstorder	MeanAbsoluteDeviation	90.0604728
wavelet-HLH	firstorder	TotalEnergy	43000661.51
wavelet-HLH	firstorder	Maximum	294.9529481
wavelet-HLH	firstorder	RootMeanSquared	113.3299882
wavelet-HLH	firstorder	90Percentile	140.0118737
wavelet-HLH	firstorder	Minimum	-288.5654366
wavelet-HLH	firstorder	Entropy	4.053384982
wavelet-HLH	firstorder	Range	583.5183847
wavelet-HLH	firstorder	Variance	12843.66966
wavelet-HLH	firstorder	10Percentile	-137.659973
wavelet-HLH	firstorder	Kurtosis	2.827354616
wavelet-HLH	firstorder	Mean	-0.128721617
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.019707958
wavelet-HLH	grlm	GrayLevelVariance	20.39571933
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.019966182
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.069492586
wavelet-HLH	grlm	RunVariance	0.046707725
wavelet-HLH	grlm	GrayLevelNonUniformity	8.259362075
wavelet-HLH	grlm	LongRunEmphasis	1.136236721
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	170.4329008
wavelet-HLH	grlm	RunLengthNonUniformity	109.578655
wavelet-HLH	grlm	ShortRunEmphasis	0.968863192
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	197.8674598
wavelet-HLH	grlm	RunPercentage	0.958436725
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.021159779
wavelet-HLH	grlm	RunEntropy	4.229462717
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	175.6955862
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.921552494
wavelet-HLH	glszm	GrayLevelVariance	27.11427935

wavelet-HLH	glszm	ZoneVariance	2.365783025
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060815326
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.447092894
wavelet-HLH	glszm	SizeZoneNonUniformity	29.95522388
wavelet-HLH	glszm	GrayLevelNonUniformity	4.074626866
wavelet-HLH	glszm	LargeAreaEmphasis	5.791044776
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	134.6428614
wavelet-HLH	glszm	ZonePercentage	0.540322581
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.066567508
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	994.4328358
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	182.4328358
wavelet-HLH	glszm	SmallAreaEmphasis	0.692549394
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.02882813
wavelet-HLH	glszm	ZoneEntropy	5.030505937
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025868637
wavelet-HLH	ngtdm	Coarseness	0.043393337
wavelet-HLH	ngtdm	Complexity	687.7906997
wavelet-HLH	ngtdm	Strength	6.372412093
wavelet-HLH	ngtdm	Contrast	0.319927401
wavelet-HLH	ngtdm	Busyness	0.096104849

Image type	Feature Class	Feature Name	Value
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general	info	GeneralSettings	
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general	info	ImageSpacing	(0.8730468799999999, 0.8730468799999999, 2.0)
general	info	MaskHash	bb23381e8263f9930c9d469f338ede2837193c1d
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	196
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original	shape	Maximum2DDiameterSlice	22.84731932
original	shape	Sphericity	0.876287545
original	shape	MinorAxis	19.25014957
original	shape	Elongation	0.732727795
original	shape	SurfaceVolumeRatio	0.316687465
original	shape	Volume	5292
original	shape	MajorAxis	26.27189754
original	shape	SurfaceArea	1675.910065
original	shape	Flatness	0.562211663
original	shape	LeastAxis	14.7703672
original	shape	Maximum2DDiameterColumn	25.8069758
original	shape	Maximum2DDiameterRow	22.84731932
original	gldm	GrayLevelVariance	98.72147022
original	gldm	HighGrayLevelEmphasis	819.4795918
original	gldm	DependenceEntropy	5.852329092
original	gldm	DependenceNonUniformity	45.07142857
original	gldm	GrayLevelNonUniformity	17.25510204
original	gldm	SmallDependenceEmphasis	0.486595558
original	gldm	SmallDependenceHighGrayLevelEmphasis	263.6589886
original	gldm	DependenceNonUniformityNormalized	0.229956268
original	gldm	LargeDependenceEmphasis	26.96938776
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.045422925
original	gldm	DependenceVariance	12.48281966
original	gldm	LargeDependenceHighGrayLevelEmphasis	31477.57143
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.010525951
original	gldm	LowGrayLevelEmphasis	0.013477619
original	glcm	JointAverage	28.85744417
original	glcm	SumAverage	57.71488834
original	glcm	JointEntropy	6.300261995
original	glcm	ClusterShade	-4196.413196
original	glcm	MaximumProbability	0.08524042
original	glcm	Idmn	0.94278602
original	glcm	JointEnergy	0.027856349
original	glcm	Contrast	96.95800176
original	glcm	DifferenceEntropy	3.883089962
original	glcm	InverseVariance	0.265796

original	glcm	DifferenceVariance	53.23864095
original	glcm	Idn	0.86978241
original	glcm	Idm	0.301795008
original	glcm	Correlation	0.368268931
original	glcm	Autocorrelation	862.3843596
original	glcm	SumEntropy	4.687687761
original	glcm	SumSquares	78.01438469
original	glcm	ClusterProminence	186365.449
original	glcm	Imc2	0.971573807
original	glcm	Imc1	-0.376386378
original	glcm	DifferenceAverage	6.46383766
original	glcm	Id	0.358762231
original	glcm	ClusterTendency	215.099537
original	firstorder	InterquartileRange	337.5
original	firstorder	Skewness	-1.094975931
original	firstorder	Uniformity	0.088036235
original	firstorder	Median	-51
original	firstorder	Energy	17598638
original	firstorder	RobustMeanAbsoluteDeviation	149.4431417
original	firstorder	MeanAbsoluteDeviation	205.4737609
original	firstorder	TotalEnergy	475163226
original	firstorder	Maximum	72
original	firstorder	RootMeanSquared	299.6480759
original	firstorder	90Percentile	41
original	firstorder	Minimum	-825
original	firstorder	Entropy	4.302629684
original	firstorder	Range	897
original	firstorder	Variance	61882.92597
original	firstorder	10Percentile	-603.5
original	firstorder	Kurtosis	2.971901234
original	firstorder	Mean	-167.0510204
original	glrlm	ShortRunLowGrayLevelEmphasis	0.014689036
original	glrlm	GrayLevelVariance	101.9914949
original	glrlm	LowGrayLevelRunEmphasis	0.014867813
original	glrlm	GrayLevelNonUniformityNormalized	0.070120708
original	glrlm	RunVariance	0.150878371
original	glrlm	GrayLevelNonUniformity	12.27668624
original	glrlm	LongRunEmphasis	1.410619644
original	glrlm	ShortRunHighGrayLevelEmphasis	686.4775901
original	glrlm	RunLengthNonUniformity	142.8613782
original	glrlm	ShortRunEmphasis	0.921558694
original	glrlm	LongRunHighGrayLevelEmphasis	1256.687881
original	glrlm	RunPercentage	0.892072214
original	glrlm	LongRunLowGrayLevelEmphasis	0.015664325
original	glrlm	RunEntropy	4.849992191
original	glrlm	HighGrayLevelRunEmphasis	777.4499309
original	glrlm	RunLengthNonUniformityNormalized	0.816133805
original	glszm	GrayLevelVariance	87.26967944
original	glszm	ZoneVariance	25.24399569
original	glszm	GrayLevelNonUniformityNormalized	0.038917753
original	glszm	SizeZoneNonUniformityNormalized	0.749044211
original	glszm	SizeZoneNonUniformity	75.65346535
original	glszm	GrayLevelNonUniformity	3.930693069
original	glszm	LargeAreaEmphasis	29.00990099
original	glszm	SmallAreaHighGrayLevelEmphasis	458.2302055
original	glszm	ZonePercentage	0.515306122
original	glszm	LargeAreaLowGrayLevelEmphasis	0.055283169
original	glszm	LargeAreaHighGrayLevelEmphasis	33895.36634

original	glszm	HighGrayLevelZoneEmphasis	539.990099
original	glszm	SmallAreaEmphasis	0.883663367
original	glszm	LowGrayLevelZoneEmphasis	0.022104295
original	glszm	ZoneEntropy	5.151982311
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019559879
original	ngtdm	Coarseness	0.016758113
original	ngtdm	Complexity	3057.775753
original	ngtdm	Strength	19.35573216
original	ngtdm	Contrast	0.8217387
original	ngtdm	Busyness	0.043493789
wavelet-HHH	gldm	GrayLevelVariance	7.547688463
wavelet-HHH	gldm	HighGrayLevelEmphasis	115.877551
wavelet-HHH	gldm	DependenceEntropy	5.394282248
wavelet-HHH	gldm	DependenceNonUniformity	33.53061224
wavelet-HHH	gldm	GrayLevelNonUniformity	22.71428571
wavelet-HHH	gldm	SmallDependenceEmphasis	0.289143108
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	36.05823091
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.171074552
wavelet-HHH	gldm	LargeDependenceEmphasis	14.76530612
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.148623143
wavelet-HHH	gldm	DependenceVariance	4.103082049
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1694.530612
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009527921
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.017677922
wavelet-HHH	glcm	JointAverage	10.45834753
wavelet-HHH	glcm	SumAverage	20.91669505
wavelet-HHH	glcm	JointEntropy	6.126255716
wavelet-HHH	glcm	ClusterShade	-7.391722486
wavelet-HHH	glcm	MaximumProbability	0.058225995
wavelet-HHH	glcm	Idmn	0.960969554
wavelet-HHH	glcm	JointEnergy	0.019937462
wavelet-HHH	glcm	Contrast	14.84193657
wavelet-HHH	glcm	DifferenceEntropy	2.976977007
wavelet-HHH	glcm	InverseVariance	0.30931594
wavelet-HHH	glcm	DifferenceVariance	6.472403434
wavelet-HHH	glcm	Idn	0.874215824
wavelet-HHH	glcm	Idm	0.308633955
wavelet-HHH	glcm	Correlation	-0.026166877
wavelet-HHH	glcm	Autocorrelation	109.1712746
wavelet-HHH	glcm	SumEntropy	3.750800731
wavelet-HHH	glcm	SumSquares	7.213692877
wavelet-HHH	glcm	ClusterProminence	835.1621512
wavelet-HHH	glcm	Imc2	0.834853498
wavelet-HHH	glcm	Imc1	-0.178126372
wavelet-HHH	glcm	DifferenceAverage	2.865050875
wavelet-HHH	glcm	Id	0.391859428
wavelet-HHH	glcm	ClusterTendency	14.01283494
wavelet-HHH	firstorder	InterquartileRange	74.11997344
wavelet-HHH	firstorder	Skewness	-0.311947483
wavelet-HHH	firstorder	Uniformity	0.115889213
wavelet-HHH	firstorder	Median	2.80845335
wavelet-HHH	firstorder	Energy	907455.1563
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.1647316
wavelet-HHH	firstorder	MeanAbsoluteDeviation	51.38465093
wavelet-HHH	firstorder	TotalEnergy	24501289.22
wavelet-HHH	firstorder	Maximum	184.0957671
wavelet-HHH	firstorder	RootMeanSquared	68.04317193
wavelet-HHH	firstorder	90Percentile	77.09292542



wavelet-HHH	firstorder	Minimum	-244.8741145
wavelet-HHH	firstorder	Entropy	3.423353251
wavelet-HHH	firstorder	Range	428.9698816
wavelet-HHH	firstorder	Variance	4625.767762
wavelet-HHH	firstorder	10Percentile	-84.76539468
wavelet-HHH	firstorder	Kurtosis	3.956623889
wavelet-HHH	firstorder	Mean	-2.026199418
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.017706659
wavelet-HHH	glrlm	GrayLevelVariance	8.012376333
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.018404649
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.109811178
wavelet-HHH	glrlm	RunVariance	0.099885692
wavelet-HHH	glrlm	GrayLevelNonUniformity	19.6483747
wavelet-HHH	glrlm	LongRunEmphasis	1.302989583
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	108.3377672
wavelet-HHH	glrlm	RunLengthNonUniformity	150.0760636
wavelet-HHH	glrlm	ShortRunEmphasis	0.931720609
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	150.5840422
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.021455989
wavelet-HHH	glrlm	RunEntropy	3.85187604
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	116.0878805
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.83732994
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wavelet-HHH	glszm	SizeZoneNonUniformity	25.82539683
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wavelet-HHH	glszm	LargeAreaEmphasis	47.58730159
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	85.90289917
wavelet-HHH	glszm	ZonePercentage	0.321428571
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.46868636
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	5409.68254
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	121.7142857
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.0320491
wavelet-HHH	glszm	ZoneEntropy	4.818649472
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026576368
wavelet-HHH	ngtdm	Coarseness	0.033554248
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wavelet-HHH	ngtdm	Contrast	0.120665365
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wavelet-HLL	gldm	GrayLevelVariance	81.67982091
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wavelet-HLL	gldm	DependenceEntropy	6.060329888
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.499691043
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	267.7012684
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wavelet-HLL	gldm	LargeDependenceEmphasis	5.020408163
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.038723691
wavelet-HLL	gldm	DependenceVariance	1.020408163
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wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012614373
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.015505458

wavelet-HLL	glcm	JointAverage	18.09216356
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wavelet-HLL	glcm	JointEntropy	7.550249537
wavelet-HLL	glcm	ClusterShade	3173.815452
wavelet-HLL	glcm	MaximumProbability	0.018569686
wavelet-HLL	glcm	Idmn	0.960995181
wavelet-HLL	glcm	JointEnergy	0.006088874
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wavelet-HLL	glcm	DifferenceEntropy	4.096872505
wavelet-HLL	glcm	InverseVariance	0.144837041
wavelet-HLL	glcm	DifferenceVariance	43.59455686
wavelet-HLL	glcm	Idn	0.87471716
wavelet-HLL	glcm	Idm	0.145173845
wavelet-HLL	glcm	Correlation	0.354226567
wavelet-HLL	glcm	Autocorrelation	355.1557293
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wavelet-HLL	glcm	ClusterProminence	167534.1416
wavelet-HLL	glcm	Imc2	0.991468096
wavelet-HLL	glcm	Imc1	-0.42850022
wavelet-HLL	glcm	DifferenceAverage	7.309770876
wavelet-HLL	glcm	Id	0.233175792
wavelet-HLL	glcm	ClusterTendency	210.8608046
wavelet-HLL	firstorder	InterquartileRange	292.1106437
wavelet-HLL	firstorder	Skewness	0.749538451
wavelet-HLL	firstorder	Uniformity	0.041180758
wavelet-HLL	firstorder	Median	-109.3024718
wavelet-HLL	firstorder	Energy	10962636.14
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	129.8794186
wavelet-HLL	firstorder	MeanAbsoluteDeviation	182.5628607
wavelet-HLL	firstorder	TotalEnergy	295991175.7
wavelet-HLL	firstorder	Maximum	601.4314307
wavelet-HLL	firstorder	RootMeanSquared	236.4990846
wavelet-HLL	firstorder	90Percentile	241.9487897
wavelet-HLL	firstorder	Minimum	-519.5526649
wavelet-HLL	firstorder	Entropy	4.843551363
wavelet-HLL	firstorder	Range	1120.984096
wavelet-HLL	firstorder	Variance	51148.41882
wavelet-HLL	firstorder	10Percentile	-308.7964536
wavelet-HLL	firstorder	Kurtosis	2.973830047
wavelet-HLL	firstorder	Mean	-69.1621153
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015726173
wavelet-HLL	glrlm	GrayLevelVariance	82.97319944
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015899857
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.040694109
wavelet-HLL	glrlm	RunVariance	0.039151727
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.670605339
wavelet-HLL	glrlm	LongRunEmphasis	1.122480573
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	428.3282877
wavelet-HLL	glrlm	RunLengthNonUniformity	174.3352558
wavelet-HLL	glrlm	ShortRunEmphasis	0.969839373
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	476.2135669
wavelet-HLL	glrlm	RunPercentage	0.961538462
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.016609787
wavelet-HLL	glrlm	RunEntropy	5.009621693
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	437.8608623
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.924057868
wavelet-HLL	glszm	GrayLevelVariance	99.66469428

wavelet-HLL	glszm	ZoneVariance	1.432975382
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.035137702
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.472130908
wavelet-HLL	glszm	SizeZoneNonUniformity	55.23931624
wavelet-HLL	glszm	GrayLevelNonUniformity	4.111111111
wavelet-HLL	glszm	LargeAreaEmphasis	4.239316239
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	407.027103
wavelet-HLL	glszm	ZonePercentage	0.596938776
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.041909416
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1453.025641
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	508.9487179
wavelet-HLL	glszm	SmallAreaEmphasis	0.714267496
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.022015673
wavelet-HLL	glszm	ZoneEntropy	5.897300861
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020409257
wavelet-HLL	ngtdm	Coarseness	0.030876205
wavelet-HLL	ngtdm	Complexity	3220.653321
wavelet-HLL	ngtdm	Strength	20.30724795
wavelet-HLL	ngtdm	Contrast	0.556207127
wavelet-HLL	ngtdm	Busyness	0.056826104
wavelet-LHL	gldm	GrayLevelVariance	188.6929144
wavelet-LHL	gldm	HighGrayLevelEmphasis	951.9744898
wavelet-LHL	gldm	DependenceEntropy	6.227328867
wavelet-LHL	gldm	DependenceNonUniformity	67.60204082
wavelet-LHL	gldm	GrayLevelNonUniformity	7.051020408
wavelet-LHL	gldm	SmallDependenceEmphasis	0.594798753
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	653.5564583
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.344908372
wavelet-LHL	gldm	LargeDependenceEmphasis	5.153061224
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025307874
wavelet-LHL	gldm	DependenceVariance	1.472927947
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3682.494898
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008691979
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.010089184
wavelet-LHL	glcm	JointAverage	26.49445625
wavelet-LHL	glcm	SumAverage	52.9889125
wavelet-LHL	glcm	JointEntropy	7.60018749
wavelet-LHL	glcm	ClusterShade	7381.790401
wavelet-LHL	glcm	MaximumProbability	0.018340411
wavelet-LHL	glcm	Idmn	0.940601544
wavelet-LHL	glcm	JointEnergy	0.005869585
wavelet-LHL	glcm	Contrast	366.2614899
wavelet-LHL	glcm	DifferenceEntropy	4.585460995
wavelet-LHL	glcm	InverseVariance	0.125659924
wavelet-LHL	glcm	DifferenceVariance	186.3153711
wavelet-LHL	glcm	Idn	0.86418953
wavelet-LHL	glcm	Idm	0.126577742
wavelet-LHL	glcm	Correlation	-0.03871553
wavelet-LHL	glcm	Autocorrelation	702.9548054
wavelet-LHL	glcm	SumEntropy	5.444178492
wavelet-LHL	glcm	SumSquares	183.7217244
wavelet-LHL	glcm	ClusterProminence	780987.651
wavelet-LHL	glcm	Imc2	0.996476868
wavelet-LHL	glcm	Imc1	-0.49302342
wavelet-LHL	glcm	DifferenceAverage	12.43895775
wavelet-LHL	glcm	Id	0.203821352
wavelet-LHL	glcm	ClusterTendency	368.6254076
wavelet-LHL	firstorder	InterquartileRange	260.096671

wavelet-LHL	firstorder	Skewness	0.986744176
wavelet-LHL	firstorder	Uniformity	0.035974594
wavelet-LHL	firstorder	Median	-103.7594305
wavelet-LHL	firstorder	Energy	23573175.91
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	136.0789906
wavelet-LHL	firstorder	MeanAbsoluteDeviation	246.2732308
wavelet-LHL	firstorder	TotalEnergy	636475749.5
wavelet-LHL	firstorder	Maximum	914.3445692
wavelet-LHL	firstorder	RootMeanSquared	346.8015364
wavelet-LHL	firstorder	90Percentile	489.7223945
wavelet-LHL	firstorder	Minimum	-700.2218674
wavelet-LHL	firstorder	Entropy	5.147368865
wavelet-LHL	firstorder	Range	1614.566437
wavelet-LHL	firstorder	Variance	118070.5774
wavelet-LHL	firstorder	10Percentile	-418.653862
wavelet-LHL	firstorder	Kurtosis	3.952805775
wavelet-LHL	firstorder	Mean	-46.91191952
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010241286
wavelet-LHL	glrlm	GrayLevelVariance	191.9986606
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.010328513
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.035342426
wavelet-LHL	glrlm	RunVariance	0.041939897
wavelet-LHL	glrlm	GrayLevelNonUniformity	6.683920299
wavelet-LHL	glrlm	LongRunEmphasis	1.118803343
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	944.1305267
wavelet-LHL	glrlm	RunLengthNonUniformity	176.9104614
wavelet-LHL	glrlm	ShortRunEmphasis	0.973833936
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1042.702517
wavelet-LHL	glrlm	RunPercentage	0.964678179
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.010793683
wavelet-LHL	glrlm	RunEntropy	5.299014262
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	962.0922211
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.934506017
wavelet-LHL	glszm	GrayLevelVariance	229.2225952
wavelet-LHL	glszm	ZoneVariance	2.170898438
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.030029297
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.63684082
wavelet-LHL	glszm	SizeZoneNonUniformity	81.515625
wavelet-LHL	glszm	GrayLevelNonUniformity	3.84375
wavelet-LHL	glszm	LargeAreaEmphasis	4.515625
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	933.3708304
wavelet-LHL	glszm	ZonePercentage	0.653061224
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.025170328
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3325.148438
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1085.242188
wavelet-LHL	glszm	SmallAreaEmphasis	0.822804175
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.013595422
wavelet-LHL	glszm	ZoneEntropy	5.863101223
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013030448
wavelet-LHL	ngtdm	Coarseness	0.024539597
wavelet-LHL	ngtdm	Complexity	11984.95131
wavelet-LHL	ngtdm	Strength	31.23825137
wavelet-LHL	ngtdm	Contrast	1.402367326
wavelet-LHL	ngtdm	Busyness	0.032057617
wavelet-LHH	gldm	GrayLevelVariance	13.38983757
wavelet-LHH	gldm	HighGrayLevelEmphasis	126.877551
wavelet-LHH	gldm	DependenceEntropy	5.689727195
wavelet-LHH	gldm	DependenceNonUniformity	38.98979592

wavelet-LHH	gldm	GrayLevelNonUniformity	17.69387755
wavelet-LHH	gldm	SmallDependenceEmphasis	0.371997382
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	52.656931
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.19892753
wavelet-LHH	gldm	LargeDependenceEmphasis	11.14285714
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.150338044
wavelet-LHH	gldm	DependenceVariance	3.268533944
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1218.642857
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016368543
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.026417684
wavelet-LHH	glcm	JointAverage	10.63200364
wavelet-LHH	glcm	SumAverage	21.26400728
wavelet-LHH	glcm	JointEntropy	6.660105228
wavelet-LHH	glcm	ClusterShade	33.03592176
wavelet-LHH	glcm	MaximumProbability	0.035347485
wavelet-LHH	glcm	Idmn	0.950495739
wavelet-LHH	glcm	JointEnergy	0.013052006
wavelet-LHH	glcm	Contrast	26.38676861
wavelet-LHH	glcm	DifferenceEntropy	3.350963739
wavelet-LHH	glcm	InverseVariance	0.27064128
wavelet-LHH	glcm	DifferenceVariance	11.39929409
wavelet-LHH	glcm	Idn	0.860217497
wavelet-LHH	glcm	Idm	0.258264232
wavelet-LHH	glcm	Correlation	0.016855716
wavelet-LHH	glcm	Autocorrelation	113.2498429
wavelet-LHH	glcm	SumEntropy	4.174070614
wavelet-LHH	glcm	SumSquares	13.40034671
wavelet-LHH	glcm	ClusterProminence	3005.116785
wavelet-LHH	glcm	Imc2	0.900739063
wavelet-LHH	glcm	Imc1	-0.224291586
wavelet-LHH	glcm	DifferenceAverage	3.823502488
wavelet-LHH	glcm	Id	0.343009815
wavelet-LHH	glcm	ClusterTendency	27.21461822
wavelet-LHH	firstorder	InterquartileRange	100.298656
wavelet-LHH	firstorder	Skewness	0.075343367
wavelet-LHH	firstorder	Uniformity	0.090274885
wavelet-LHH	firstorder	Median	3.478512563
wavelet-LHH	firstorder	Energy	1631901.387
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	43.61520148
wavelet-LHH	firstorder	MeanAbsoluteDeviation	69.09866815
wavelet-LHH	firstorder	TotalEnergy	44061337.46
wavelet-LHH	firstorder	Maximum	271.4375412
wavelet-LHH	firstorder	RootMeanSquared	91.24706838
wavelet-LHH	firstorder	90Percentile	136.6638063
wavelet-LHH	firstorder	Minimum	-241.5340385
wavelet-LHH	firstorder	Entropy	3.785941073
wavelet-LHH	firstorder	Range	512.9715797
wavelet-LHH	firstorder	Variance	8312.180144
wavelet-LHH	firstorder	10Percentile	-109.6376792
wavelet-LHH	firstorder	Kurtosis	3.476044816
wavelet-LHH	firstorder	Mean	3.721201876
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.0266542
wavelet-LHH	glrlm	GrayLevelVariance	13.97228983
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.027389456
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.087062627
wavelet-LHH	glrlm	RunVariance	0.078288646
wavelet-LHH	glrlm	GrayLevelNonUniformity	15.88163625
wavelet-LHH	glrlm	LongRunEmphasis	1.235100903

wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	122.074211
wavelet-LHH	glrlm	RunLengthNonUniformity	158.7495946
wavelet-LHH	glrlm	ShortRunEmphasis	0.946416678
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	154.2199692
wavelet-LHH	glrlm	RunPercentage	0.930533752
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.03052611
wavelet-LHH	glrlm	RunEntropy	4.127168676
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	128.0443651
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.869430753
wavelet-LHH	glszm	GrayLevelVariance	20.63081066
wavelet-LHH	glszm	ZoneVariance	13.55555556
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.067176871
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.450113379
wavelet-LHH	glszm	SizeZoneNonUniformity	37.80952381
wavelet-LHH	glszm	GrayLevelNonUniformity	5.642857143
wavelet-LHH	glszm	LargeAreaEmphasis	19
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	101.708493
wavelet-LHH	glszm	ZonePercentage	0.428571429
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.251199146
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2059.595238
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	141.8928571
wavelet-LHH	glszm	SmallAreaEmphasis	0.69594815
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.041051277
wavelet-LHH	glszm	ZoneEntropy	5.097733275
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034644762
wavelet-LHH	ngtdm	Coarseness	0.032567893
wavelet-LHH	ngtdm	Complexity	399.4691142
wavelet-LHH	ngtdm	Strength	3.466043667
wavelet-LHH	ngtdm	Contrast	0.197713308
wavelet-LHH	ngtdm	Busyness	0.143031588
wavelet-LLH	gldm	GrayLevelVariance	64.85139005
wavelet-LLH	gldm	HighGrayLevelEmphasis	592.6785714
wavelet-LLH	gldm	DependenceEntropy	6.072407806
wavelet-LLH	gldm	DependenceNonUniformity	52.81632653
wavelet-LLH	gldm	GrayLevelNonUniformity	10.32653061
wavelet-LLH	gldm	SmallDependenceEmphasis	0.494756901
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	287.1402811
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.269471054
wavelet-LLH	gldm	LargeDependenceEmphasis	6.704081633
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018998019
wavelet-LLH	gldm	DependenceVariance	1.801020408
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3905.964286
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006848206
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007899837
wavelet-LLH	glcm	JointAverage	22.29331654
wavelet-LLH	glcm	SumAverage	44.58663308
wavelet-LLH	glcm	JointEntropy	7.358755364
wavelet-LLH	glcm	ClusterShade	1925.828267
wavelet-LLH	glcm	MaximumProbability	0.02142299
wavelet-LLH	glcm	Idmn	0.979221575
wavelet-LLH	glcm	JointEnergy	0.007242231
wavelet-LLH	glcm	Contrast	98.84207204
wavelet-LLH	glcm	DifferenceEntropy	3.958239738
wavelet-LLH	glcm	InverseVariance	0.192492108
wavelet-LLH	glcm	DifferenceVariance	53.4745713
wavelet-LLH	glcm	Idn	0.915237014
wavelet-LLH	glcm	Idm	0.183756869
wavelet-LLH	glcm	Correlation	0.143254215

wavelet-LLH	glcm	Autocorrelation	505.4433845
wavelet-LLH	glcm	SumEntropy	4.945309173
wavelet-LLH	glcm	SumSquares	57.83459176
wavelet-LLH	glcm	ClusterProminence	148363.8481
wavelet-LLH	glcm	Imc2	0.980834013
wavelet-LLH	glcm	Imc1	-0.365972143
wavelet-LLH	glcm	DifferenceAverage	6.570370688
wavelet-LLH	glcm	Id	0.27063997
wavelet-LLH	glcm	ClusterTendency	132.496295
wavelet-LLH	firstorder	InterquartileRange	171.1445333
wavelet-LLH	firstorder	Skewness	1.335931146
wavelet-LLH	firstorder	Uniformity	0.052686381
wavelet-LLH	firstorder	Median	-54.78664101
wavelet-LLH	firstorder	Energy	8196358.15
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	76.04341112
wavelet-LLH	firstorder	MeanAbsoluteDeviation	136.2739141
wavelet-LLH	firstorder	TotalEnergy	221301670.1
wavelet-LLH	firstorder	Maximum	995.7903548
wavelet-LLH	firstorder	RootMeanSquared	204.4948748
wavelet-LLH	firstorder	90Percentile	165.4213518
wavelet-LLH	firstorder	Minimum	-575.321357
wavelet-LLH	firstorder	Entropy	4.605479806
wavelet-LLH	firstorder	Range	1571.111712
wavelet-LLH	firstorder	Variance	40337.68745
wavelet-LLH	firstorder	10Percentile	-244.1818741
wavelet-LLH	firstorder	Kurtosis	7.694206215
wavelet-LLH	firstorder	Mean	-38.47682915
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008120914
wavelet-LLH	glrlm	GrayLevelVariance	66.6617909
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.008190976
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.051433023
wavelet-LLH	glrlm	RunVariance	0.053173748
wavelet-LLH	glrlm	GrayLevelNonUniformity	9.61064962
wavelet-LLH	glrlm	LongRunEmphasis	1.154576349
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	572.2967413
wavelet-LLH	glrlm	RunLengthNonUniformity	170.6136158
wavelet-LLH	glrlm	ShortRunEmphasis	0.965037989
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	683.586795
wavelet-LLH	glrlm	RunPercentage	0.953296703
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.008498686
wavelet-LLH	glrlm	RunEntropy	4.818812756
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	592.9136666
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.9125619
wavelet-LLH	glszm	GrayLevelVariance	87.82341554
wavelet-LLH	glszm	ZoneVariance	4.674859019
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.041158152
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.54818618
wavelet-LLH	glszm	SizeZoneNonUniformity	59.75229358
wavelet-LLH	glszm	GrayLevelNonUniformity	4.486238532
wavelet-LLH	glszm	LargeAreaEmphasis	7.908256881
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	439.8478556
wavelet-LLH	glszm	ZonePercentage	0.556122449
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.02530338
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	4710.669725
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	587.2844037
wavelet-LLH	glszm	SmallAreaEmphasis	0.766938308
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01258336
wavelet-LLH	glszm	ZoneEntropy	5.61301549

wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012052671
wavelet-LLH	ngtdm	Coarseness	0.034622484
wavelet-LLH	ngtdm	Complexity	2851.11064
wavelet-LLH	ngtdm	Strength	20.13504395
wavelet-LLH	ngtdm	Contrast	0.45689647
wavelet-LLH	ngtdm	Busyness	0.03419589
wavelet-LLL	gldm	GrayLevelVariance	651.445101
wavelet-LLL	gldm	HighGrayLevelEmphasis	4709.005102
wavelet-LLL	gldm	DependenceEntropy	6.517404138
wavelet-LLL	gldm	DependenceNonUniformity	109.1836735
wavelet-LLL	gldm	GrayLevelNonUniformity	3.459183673
wavelet-LLL	gldm	SmallDependenceEmphasis	0.774820011
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3211.453165
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.557059559
wavelet-LLL	gldm	LargeDependenceEmphasis	2.642857143
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007567352
wavelet-LLL	gldm	DependenceVariance	0.631091212
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	17128.58673
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007037702
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007126323
wavelet-LLL	glcm	JointAverage	70.18193462
wavelet-LLL	glcm	SumAverage	140.3638692
wavelet-LLL	glcm	JointEntropy	7.930389222
wavelet-LLL	glcm	ClusterShade	-53156.89119
wavelet-LLL	glcm	MaximumProbability	0.010244786
wavelet-LLL	glcm	Idmn	0.943940362
wavelet-LLL	glcm	JointEnergy	0.004291921
wavelet-LLL	glcm	Contrast	648.0169849
wavelet-LLL	glcm	DifferenceEntropy	5.271265931
wavelet-LLL	glcm	InverseVariance	0.063303329
wavelet-LLL	glcm	DifferenceVariance	240.3700216
wavelet-LLL	glcm	Idn	0.847362262
wavelet-LLL	glcm	Idm	0.063282683
wavelet-LLL	glcm	Correlation	0.432687574
wavelet-LLL	glcm	Autocorrelation	5177.638032
wavelet-LLL	glcm	SumEntropy	6.201264789
wavelet-LLL	glcm	SumSquares	575.1739292
wavelet-LLL	glcm	ClusterProminence	8114563.515
wavelet-LLL	glcm	Imc2	0.999756452
wavelet-LLL	glcm	Imc1	-0.65051508
wavelet-LLL	glcm	DifferenceAverage	19.80501795
wavelet-LLL	glcm	Id	0.124973346
wavelet-LLL	glcm	ClusterTendency	1652.678732
wavelet-LLL	firstorder	InterquartileRange	955.6571941
wavelet-LLL	firstorder	Skewness	-0.513094951
wavelet-LLL	firstorder	Uniformity	0.017648896
wavelet-LLL	firstorder	Median	-476.5922178
wavelet-LLL	firstorder	Energy	143435755.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	403.3866034
wavelet-LLL	firstorder	MeanAbsoluteDeviation	531.6210311
wavelet-LLL	firstorder	TotalEnergy	3872765388
wavelet-LLL	firstorder	Maximum	319.9921427
wavelet-LLL	firstorder	RootMeanSquared	855.4619086
wavelet-LLL	firstorder	90Percentile	215.9286503
wavelet-LLL	firstorder	Minimum	-2144.666133
wavelet-LLL	firstorder	Entropy	6.07234011
wavelet-LLL	firstorder	Range	2464.658275
wavelet-LLL	firstorder	Variance	407389.3206



wavelet-LLL	firstorder	10Percentile	-1528.714557
wavelet-LLL	firstorder	Kurtosis	2.285703353
wavelet-LLL	firstorder	Mean	-569.583845
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007234533
wavelet-LLL	glrlm	GrayLevelVariance	648.8092117
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007238386
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017480118
wavelet-LLL	glrlm	RunVariance	0.017674708
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.371201885
wavelet-LLL	glrlm	LongRunEmphasis	1.050961442
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4583.229439
wavelet-LLL	glrlm	RunLengthNonUniformity	186.979541
wavelet-LLL	glrlm	ShortRunEmphasis	0.98814534
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5039.459165
wavelet-LLL	glrlm	RunPercentage	0.983908948
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.007254169
wavelet-LLL	glrlm	RunEntropy	6.122364475
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4667.669662
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.969383803
wavelet-LLL	glszm	GrayLevelVariance	610.4048544
wavelet-LLL	glszm	ZoneVariance	0.437433318
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016079866
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.765965554
wavelet-LLL	glszm	SizeZoneNonUniformity	124.0864198
wavelet-LLL	glszm	GrayLevelNonUniformity	2.604938272
wavelet-LLL	glszm	LargeAreaEmphasis	1.901234568
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3613.284568
wavelet-LLL	glszm	ZonePercentage	0.826530612
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.00880283
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10997.84568
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4242.32716
wavelet-LLL	glszm	SmallAreaEmphasis	0.895459534
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.008547184
wavelet-LLL	glszm	ZoneEntropy	6.384249657
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008497259
wavelet-LLL	ngtdm	Coarseness	0.023778562
wavelet-LLL	ngtdm	Complexity	39871.98104
wavelet-LLL	ngtdm	Strength	89.10687684
wavelet-LLL	ngtdm	Contrast	2.693961795
wavelet-LLL	ngtdm	Busyness	0.008361893
wavelet-HHL	gldm	GrayLevelVariance	11.32267805
wavelet-HHL	gldm	HighGrayLevelEmphasis	106.2857143
wavelet-HHL	gldm	DependenceEntropy	5.56516795
wavelet-HHL	gldm	DependenceNonUniformity	44.19387755
wavelet-HHL	gldm	GrayLevelNonUniformity	17.23469388
wavelet-HHL	gldm	SmallDependenceEmphasis	0.364836101
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	41.60601556
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.225478967
wavelet-HHL	gldm	LargeDependenceEmphasis	9.785714286
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.141651595
wavelet-HHL	gldm	DependenceVariance	2.746980425
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	883.6428571
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014245665
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.023229237
wavelet-HHL	glcm	JointAverage	9.778273701
wavelet-HHL	glcm	SumAverage	19.5565474
wavelet-HHL	glcm	JointEntropy	6.711809874
wavelet-HHL	glcm	ClusterShade	9.709739365

wavelet-HHL	glcm	MaximumProbability	0.033949593
wavelet-HHL	glcm	Idmn	0.938408526
wavelet-HHL	glcm	JointEnergy	0.012054678
wavelet-HHL	glcm	Contrast	21.67999051
wavelet-HHL	glcm	DifferenceEntropy	3.244565926
wavelet-HHL	glcm	InverseVariance	0.265674847
wavelet-HHL	glcm	DifferenceVariance	8.503795331
wavelet-HHL	glcm	Idn	0.84061045
wavelet-HHL	glcm	Idm	0.250735795
wavelet-HHL	glcm	Correlation	0.010650573
wavelet-HHL	glcm	Autocorrelation	95.70893224
wavelet-HHL	glcm	SumEntropy	4.12446969
wavelet-HHL	glcm	SumSquares	10.92897748
wavelet-HHL	glcm	ClusterProminence	1392.364657
wavelet-HHL	glcm	Imc2	0.854322883
wavelet-HHL	glcm	Imc1	-0.179283663
wavelet-HHL	glcm	DifferenceAverage	3.600840435
wavelet-HHL	glcm	Id	0.339686927
wavelet-HHL	glcm	ClusterTendency	22.0359194
wavelet-HHL	firstorder	InterquartileRange	112.3134467
wavelet-HHL	firstorder	Skewness	0.011589231
wavelet-HHL	firstorder	Uniformity	0.087932112
wavelet-HHL	firstorder	Median	-5.248255211
wavelet-HHL	firstorder	Energy	1388347.069
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	48.20684178
wavelet-HHL	firstorder	MeanAbsoluteDeviation	68.11296668
wavelet-HHL	firstorder	TotalEnergy	37485370.88
wavelet-HHL	firstorder	Maximum	184.9435925
wavelet-HHL	firstorder	RootMeanSquared	84.1629575
wavelet-HHL	firstorder	90Percentile	118.6648125
wavelet-HHL	firstorder	Minimum	-213.4108321
wavelet-HHL	firstorder	Entropy	3.719769853
wavelet-HHL	firstorder	Range	398.3544246
wavelet-HHL	firstorder	Variance	7051.827852
wavelet-HHL	firstorder	10Percentile	-103.1009122
wavelet-HHL	firstorder	Kurtosis	2.584113453
wavelet-HHL	firstorder	Mean	5.619213795
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.023239627
wavelet-HHL	glrlm	GrayLevelVariance	11.72425732
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.023876375
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.085127317
wavelet-HHL	glrlm	RunVariance	0.079174829
wavelet-HHL	glrlm	GrayLevelNonUniformity	15.62431163
wavelet-HHL	glrlm	LongRunEmphasis	1.22051803
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	102.7671763
wavelet-HHL	glrlm	RunLengthNonUniformity	162.6836813
wavelet-HHL	glrlm	ShortRunEmphasis	0.953518791
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	127.5715803
wavelet-HHL	glrlm	RunPercentage	0.936420722
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.026911056
wavelet-HHL	glrlm	RunEntropy	4.03191153
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	107.1640614
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.885900912
wavelet-HHL	glszm	GrayLevelVariance	17.46201814
wavelet-HHL	glszm	ZoneVariance	11.12698413
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.070861678
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.382936508
wavelet-HHL	glszm	SizeZoneNonUniformity	32.16666667

wavelet-HHL	glszm	GrayLevelNonUniformity	5.952380952
wavelet-HHL	glszm	LargeAreaEmphasis	16.57142857
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	73.80446078
wavelet-HHL	glszm	ZonePercentage	0.428571429
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.238506294
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1466.5
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	115.0952381
wavelet-HHL	glszm	SmallAreaEmphasis	0.641242863
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.035827934
wavelet-HHL	glszm	ZoneEntropy	5.150190084
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.030356416
wavelet-HHL	ngtdm	Coarseness	0.030126319
wavelet-HHL	ngtdm	Complexity	280.3229763
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wavelet-HHL	ngtdm	Contrast	0.223297146
wavelet-HHL	ngtdm	Busyness	0.238697504
wavelet-HLH	gldm	GrayLevelVariance	20.31932007
wavelet-HLH	gldm	HighGrayLevelEmphasis	274.8520408
wavelet-HLH	gldm	DependenceEntropy	5.722494169
wavelet-HLH	gldm	DependenceNonUniformity	43.42857143
wavelet-HLH	gldm	GrayLevelNonUniformity	16.09183673
wavelet-HLH	gldm	SmallDependenceEmphasis	0.407167328
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	118.4345385
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.221574344
wavelet-HLH	gldm	LargeDependenceEmphasis	10.40816327
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053428662
wavelet-HLH	gldm	DependenceVariance	3.369429404
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2534.392857
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008595069
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.011244577
wavelet-HLH	glcm	JointAverage	15.90398035
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wavelet-HLH	glcm	ClusterShade	27.37201825
wavelet-HLH	glcm	MaximumProbability	0.031633431
wavelet-HLH	glcm	Idmn	0.962045248
wavelet-HLH	glcm	JointEnergy	0.01144046
wavelet-HLH	glcm	Contrast	40.31730036
wavelet-HLH	glcm	DifferenceEntropy	3.600508879
wavelet-HLH	glcm	InverseVariance	0.237757464
wavelet-HLH	glcm	DifferenceVariance	18.63318363
wavelet-HLH	glcm	Idn	0.879208722
wavelet-HLH	glcm	Idm	0.233117859
wavelet-HLH	glcm	Correlation	0.013404919
wavelet-HLH	glcm	Autocorrelation	253.361009
wavelet-HLH	glcm	SumEntropy	4.421155627
wavelet-HLH	glcm	SumSquares	20.56086127
wavelet-HLH	glcm	ClusterProminence	7904.757966
wavelet-HLH	glcm	Imc2	0.946867304
wavelet-HLH	glcm	Imc1	-0.286105349
wavelet-HLH	glcm	DifferenceAverage	4.59668656
wavelet-HLH	glcm	Id	0.318962974
wavelet-HLH	glcm	ClusterTendency	41.92614472
wavelet-HLH	firstorder	InterquartileRange	105.8414959
wavelet-HLH	firstorder	Skewness	0.051929509
wavelet-HLH	firstorder	Uniformity	0.082101208
wavelet-HLH	firstorder	Median	-5.363162538
wavelet-HLH	firstorder	Energy	2505053.388

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	50.66792186
wavelet-HLH	firstorder	MeanAbsoluteDeviation	82.59317379
wavelet-HLH	firstorder	TotalEnergy	67636441.46
wavelet-HLH	firstorder	Maximum	366.8613053
wavelet-HLH	firstorder	RootMeanSquared	113.0525746
wavelet-HLH	firstorder	90Percentile	153.758545
wavelet-HLH	firstorder	Minimum	-356.3794825
wavelet-HLH	firstorder	Entropy	4.010016743
wavelet-HLH	firstorder	Range	723.2407879
wavelet-HLH	firstorder	Variance	12664.12747
wavelet-HLH	firstorder	10Percentile	-95.90701625
wavelet-HLH	firstorder	Kurtosis	4.475501419
wavelet-HLH	firstorder	Mean	10.80542284
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011492926
wavelet-HLH	glrlm	GrayLevelVariance	21.27667251
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.011708758
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.078615785
wavelet-HLH	glrlm	RunVariance	0.074162918
wavelet-HLH	glrlm	GrayLevelNonUniformity	14.42918053
wavelet-HLH	glrlm	LongRunEmphasis	1.216375985
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	264.6604298
wavelet-HLH	glrlm	RunLengthNonUniformity	162.1126211
wavelet-HLH	glrlm	ShortRunEmphasis	0.952021741
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	330.8929894
wavelet-HLH	glrlm	RunPercentage	0.936420722
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.012669178
wavelet-HLH	glrlm	RunEntropy	4.333157154
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	276.5645816
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.882401158
wavelet-HLH	glszm	GrayLevelVariance	34.01734305
wavelet-HLH	glszm	ZoneVariance	8.246502486
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.055613366
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.451728524
wavelet-HLH	glszm	SizeZoneNonUniformity	42.01075269
wavelet-HLH	glszm	GrayLevelNonUniformity	5.172043011
wavelet-HLH	glszm	LargeAreaEmphasis	12.68817204
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	204.8791421
wavelet-HLH	glszm	ZonePercentage	0.474489796
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.072915592
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2988.419355
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	292.0860215
wavelet-HLH	glszm	SmallAreaEmphasis	0.696460905
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.018761438
wavelet-HLH	glszm	ZoneEntropy	5.31428351
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017399962
wavelet-HLH	ngtdm	Coarseness	0.031484502
wavelet-HLH	ngtdm	Complexity	991.8159849
wavelet-HLH	ngtdm	Strength	7.729988716
wavelet-HLH	ngtdm	Contrast	0.177961408
wavelet-HLH	ngtdm	Busyness	0.062114956

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	878c812bfa79254df149f4c7f71a48dad23c0f25
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	277cd6725566a6991e1a4b60831e826c5cde0f23
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	2
general	info	VoxelNum	397
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original	shape	Elongation	0.344099787
original	shape	SurfaceVolumeRatio	0.317499955
original	shape	Volume	10719
original	shape	MajorAxis	69.64968307
original	shape	SurfaceArea	3403.282012
original	shape	Flatness	0.2470485
original	shape	LeastAxis	17.20684975
original	shape	Maximum2DDiameterColumn	40.02499219
original	shape	Maximum2DDiameterRow	57.70615219
original	gldm	GrayLevelVariance	81.65141585
original	gldm	HighGrayLevelEmphasis	636.9244332
original	gldm	DependenceEntropy	6.461990475
original	gldm	DependenceNonUniformity	107.836272
original	gldm	GrayLevelNonUniformity	17.2115869
original	gldm	SmallDependenceEmphasis	0.522495796
original	gldm	SmallDependenceHighGrayLevelEmphasis	251.2292088
original	gldm	DependenceNonUniformityNormalized	0.271627889
original	gldm	LargeDependenceEmphasis	9.77581864
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.020212621
original	gldm	DependenceVariance	3.768997963
original	gldm	LargeDependenceHighGrayLevelEmphasis	9369.866499
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007318833
original	gldm	LowGrayLevelEmphasis	0.00848147
original	glcm	JointAverage	25.10162352
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original	glcm	JointEntropy	8.011117535
original	glcm	ClusterShade	-1371.744358
original	glcm	MaximumProbability	0.031476163
original	glcm	ldmn	0.955087636
original	glcm	JointEnergy	0.005944896

original	glcm	Contrast	98.89448018
original	glcm	DifferenceEntropy	4.252659998
original	glcm	InverseVariance	0.180566753
original	glcm	DifferenceVariance	45.89518811
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original	glcm	SumSquares	70.35815295
original	glcm	ClusterProminence	87044.67994
original	glcm	Imc2	0.959456862
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original	glcm	Id	0.265207793
original	glcm	ClusterTendency	182.5381316
original	firstorder	InterquartileRange	373
original	firstorder	Skewness	-0.549326161
original	firstorder	Uniformity	0.043354123
original	firstorder	Median	-181
original	firstorder	Energy	40211083
original	firstorder	RobustMeanAbsoluteDeviation	148.6762133
original	firstorder	MeanAbsoluteDeviation	191.8325984
original	firstorder	TotalEnergy	1085699241
original	firstorder	Maximum	261
original	firstorder	RootMeanSquared	318.256756
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original	firstorder	Minimum	-791
original	firstorder	Entropy	4.831874631
original	firstorder	Range	1052
original	firstorder	Variance	51056.05278
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original	firstorder	Kurtosis	2.252849382
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.008812274
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original	glrlm	LowGrayLevelRunEmphasis	0.008885249
original	glrlm	GrayLevelNonUniformityNormalized	0.040465287
original	glrlm	RunVariance	0.06303185
original	glrlm	GrayLevelNonUniformity	15.172655
original	glrlm	LongRunEmphasis	1.185737446
original	glrlm	ShortRunHighGrayLevelEmphasis	580.5051635
original	glrlm	RunLengthNonUniformity	335.6408681
original	glrlm	ShortRunEmphasis	0.957724928
original	glrlm	LongRunHighGrayLevelEmphasis	793.3785215
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original	glrlm	LongRunLowGrayLevelEmphasis	0.009192765
original	glrlm	RunEntropy	5.111775034
original	glrlm	HighGrayLevelRunEmphasis	619.4956823
original	glrlm	RunLengthNonUniformityNormalized	0.894937159
original	glszm	GrayLevelVariance	76.77975425
original	glszm	ZoneVariance	6.338015123
original	glszm	GrayLevelNonUniformityNormalized	0.034291115
original	glszm	SizeZoneNonUniformityNormalized	0.609905482
original	glszm	SizeZoneNonUniformity	140.2782609
original	glszm	GrayLevelNonUniformity	7.886956522

original	glszm	LargeAreaEmphasis	9.317391304
original	glszm	SmallAreaHighGrayLevelEmphasis	365.8415004
original	glszm	ZonePercentage	0.579345088
original	glszm	LargeAreaLowGrayLevelEmphasis	0.023710125
original	glszm	LargeAreaHighGrayLevelEmphasis	8881.621739
original	glszm	HighGrayLevelZoneEmphasis	481.8391304
original	glszm	SmallAreaEmphasis	0.806868472
original	glszm	LowGrayLevelZoneEmphasis	0.013097283
original	glszm	ZoneEntropy	5.811910172
original	glszm	SmallAreaLowGrayLevelEmphasis	0.012347343
original	ngtdm	Coarseness	0.012504414
original	ngtdm	Complexity	3036.67913
original	ngtdm	Strength	7.307251418
original	ngtdm	Contrast	0.678085702
original	ngtdm	Busyness	0.084152689
wavelet-HHH	gldm	GrayLevelVariance	9.895830822
wavelet-HHH	gldm	HighGrayLevelEmphasis	219.0151134
wavelet-HHH	gldm	DependenceEntropy	5.646978189
wavelet-HHH	gldm	DependenceNonUniformity	80.15869018
wavelet-HHH	gldm	GrayLevelNonUniformity	40.19395466
wavelet-HHH	gldm	SmallDependenceEmphasis	0.342598442
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	80.05213649
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.201911058
wavelet-HHH	gldm	LargeDependenceEmphasis	9.962216625
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053986306
wavelet-HHH	gldm	DependenceVariance	2.326808748
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2130.284635
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004655279
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.008290157
wavelet-HHH	glcm	JointAverage	14.47896542
wavelet-HHH	glcm	SumAverage	28.95793084
wavelet-HHH	glcm	JointEntropy	6.756917979
wavelet-HHH	glcm	ClusterShade	-2.551611837
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wavelet-HHH	glcm	JointEnergy	0.012247723
wavelet-HHH	glcm	Contrast	21.1129891
wavelet-HHH	glcm	DifferenceEntropy	3.238961832
wavelet-HHH	glcm	InverseVariance	0.262524763
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wavelet-HHH	glcm	ClusterProminence	1835.766401
wavelet-HHH	glcm	Imc2	0.786951695
wavelet-HHH	glcm	Imc1	-0.135336768
wavelet-HHH	glcm	DifferenceAverage	3.456820024
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wavelet-HHH	glcm	ClusterTendency	19.46434516
wavelet-HHH	firstorder	InterquartileRange	92.92445191
wavelet-HHH	firstorder	Skewness	-0.123021589
wavelet-HHH	firstorder	Uniformity	0.101244218
wavelet-HHH	firstorder	Median	1.524209629

wavelet-HHH	firstorder	Energy	2397739.243
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	37.85733265
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wavelet-HHH	firstorder	Maximum	278.6456491
wavelet-HHH	firstorder	RootMeanSquared	77.71515585
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wavelet-HHH	firstorder	Minimum	-336.6872351
wavelet-HHH	firstorder	Entropy	3.617684946
wavelet-HHH	firstorder	Range	615.3328842
wavelet-HHH	firstorder	Variance	6038.980096
wavelet-HHH	firstorder	10Percentile	-93.5598594
wavelet-HHH	firstorder	Kurtosis	4.861332445
wavelet-HHH	firstorder	Mean	-0.815691701
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.00824302
wavelet-HHH	grlm	GrayLevelVariance	10.31386972
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.008512454
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.098656931
wavelet-HHH	grlm	RunVariance	0.079945606
wavelet-HHH	grlm	GrayLevelNonUniformity	36.51052571
wavelet-HHH	grlm	LongRunEmphasis	1.231351151
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	208.6618148
wavelet-HHH	grlm	RunLengthNonUniformity	323.7353509
wavelet-HHH	grlm	ShortRunEmphasis	0.948905604
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	268.8276284
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wavelet-HHH	glszm	ZoneVariance	19.24309716
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.435160578
wavelet-HHH	glszm	SizeZoneNonUniformity	64.83892617
wavelet-HHH	glszm	GrayLevelNonUniformity	11.20134228
wavelet-HHH	glszm	LargeAreaEmphasis	26.34228188
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	5763.926174
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wavelet-HHH	glszm	SmallAreaEmphasis	0.685472386
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.013146924
wavelet-HHH	glszm	ZoneEntropy	5.36954323
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.011104159
wavelet-HHH	ngtdm	Coarseness	0.015624772
wavelet-HHH	ngtdm	Complexity	584.3874602
wavelet-HHH	ngtdm	Strength	2.902080034
wavelet-HHH	ngtdm	Contrast	0.089463315
wavelet-HHH	ngtdm	Busyness	0.147426521
wavelet-HLL	gldm	GrayLevelVariance	56.12449797
wavelet-HLL	gldm	HighGrayLevelEmphasis	1013.224181
wavelet-HLL	gldm	DependenceEntropy	6.395778207
wavelet-HLL	gldm	DependenceNonUniformity	114.1788413
wavelet-HLL	gldm	GrayLevelNonUniformity	16.75314861



wavelet-HLL	gldm	SmallDependenceEmphasis	0.49516773
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	514.6509222
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.287604134
wavelet-HLL	gldm	LargeDependenceEmphasis	6.073047859
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009678489
wavelet-HLL	gldm	DependenceVariance	1.606799104
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5854.327456
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003304302
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.00388482
wavelet-HLL	glcm	JointAverage	30.96590486
wavelet-HLL	glcm	SumAverage	61.93180973
wavelet-HLL	glcm	JointEntropy	8.125155663
wavelet-HLL	glcm	ClusterShade	351.0592314
wavelet-HLL	glcm	MaximumProbability	0.015102989
wavelet-HLL	glcm	Idmn	0.976067147
wavelet-HLL	glcm	JointEnergy	0.004361445
wavelet-HLL	glcm	Contrast	79.82177164
wavelet-HLL	glcm	DifferenceEntropy	4.044625396
wavelet-HLL	glcm	InverseVariance	0.172887334
wavelet-HLL	glcm	DifferenceVariance	37.0338743
wavelet-HLL	glcm	Idn	0.901600246
wavelet-HLL	glcm	Idm	0.167149038
wavelet-HLL	glcm	Correlation	0.197717374
wavelet-HLL	glcm	Autocorrelation	969.4132359
wavelet-HLL	glcm	SumEntropy	5.254455848
wavelet-HLL	glcm	SumSquares	50.42223009
wavelet-HLL	glcm	ClusterProminence	58352.32325
wavelet-HLL	glcm	Imc2	0.963683979
wavelet-HLL	glcm	Imc1	-0.281821914
wavelet-HLL	glcm	DifferenceAverage	6.430464909
wavelet-HLL	glcm	Id	0.255665349
wavelet-HLL	glcm	ClusterTendency	121.8671487
wavelet-HLL	firstorder	InterquartileRange	228.7423021
wavelet-HLL	firstorder	Skewness	-0.096943239
wavelet-HLL	firstorder	Uniformity	0.042199367
wavelet-HLL	firstorder	Median	-49.72926016
wavelet-HLL	firstorder	Energy	14599437.5
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	97.31376277
wavelet-HLL	firstorder	MeanAbsoluteDeviation	145.1701791
wavelet-HLL	firstorder	TotalEnergy	394184812.5
wavelet-HLL	firstorder	Maximum	540.0815701
wavelet-HLL	firstorder	RootMeanSquared	191.7665293
wavelet-HLL	firstorder	90Percentile	215.1609349
wavelet-HLL	firstorder	Minimum	-785.5140846
wavelet-HLL	firstorder	Entropy	4.837283087
wavelet-HLL	firstorder	Range	1325.595655
wavelet-HLL	firstorder	Variance	35264.35625
wavelet-HLL	firstorder	10Percentile	-239.6370668
wavelet-HLL	firstorder	Kurtosis	3.759648805
wavelet-HLL	firstorder	Mean	-38.85930404
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003971651
wavelet-HLL	glrlm	GrayLevelVariance	57.55690324
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.004008147
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.041432585
wavelet-HLL	glrlm	RunVariance	0.048417629
wavelet-HLL	glrlm	GrayLevelNonUniformity	15.74501813

wavelet-HLL	glrlm	LongRunEmphasis	1.140591495
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	983.7752002
wavelet-HLL	glrlm	RunLengthNonUniformity	349.425956
wavelet-HLL	glrlm	ShortRunEmphasis	0.967920171
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1150.916567
wavelet-HLL	glrlm	RunPercentage	0.957178841
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.00416911
wavelet-HLL	glrlm	RunEntropy	5.057440361
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1015.126148
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.919173034
wavelet-HLL	glszm	GrayLevelVariance	76.99952327
wavelet-HLL	glszm	ZoneVariance	3.060048435
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.034991705
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.497721249
wavelet-HLL	glszm	SizeZoneNonUniformity	113.9781659
wavelet-HLL	glszm	GrayLevelNonUniformity	8.013100437
wavelet-HLL	glszm	LargeAreaEmphasis	6.065502183
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	768.3777466
wavelet-HLL	glszm	ZonePercentage	0.576826196
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.011793733
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	5732.31441
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1039.353712
wavelet-HLL	glszm	SmallAreaEmphasis	0.733393134
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.005891066
wavelet-HLL	glszm	ZoneEntropy	6.126172678
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005582928
wavelet-HLL	ngtdm	Coarseness	0.017473004
wavelet-HLL	ngtdm	Complexity	3421.854488
wavelet-HLL	ngtdm	Strength	10.73986854
wavelet-HLL	ngtdm	Contrast	0.293147523
wavelet-HLL	ngtdm	Busyness	0.04269793
wavelet-LHL	gldm	GrayLevelVariance	94.97716501
wavelet-LHL	gldm	HighGrayLevelEmphasis	1265.926952
wavelet-LHL	gldm	DependenceEntropy	6.352591458
wavelet-LHL	gldm	DependenceNonUniformity	148.0377834
wavelet-LHL	gldm	GrayLevelNonUniformity	13.81612091
wavelet-LHL	gldm	SmallDependenceEmphasis	0.616298629
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	817.2385894
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.372891142
wavelet-LHL	gldm	LargeDependenceEmphasis	4.123425693
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007038875
wavelet-LHL	gldm	DependenceVariance	1.005577093
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4934.934509
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00368443
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004076594
wavelet-LHL	glcm	JointAverage	34.69058889
wavelet-LHL	glcm	SumAverage	69.38117778
wavelet-LHL	glcm	JointEntropy	8.373957628
wavelet-LHL	glcm	ClusterShade	-89.95358551
wavelet-LHL	glcm	MaximumProbability	0.010659982
wavelet-LHL	glcm	ldmn	0.972036793
wavelet-LHL	glcm	JointEnergy	0.003559987
wavelet-LHL	glcm	Contrast	134.6313679
wavelet-LHL	glcm	DifferenceEntropy	4.380322548
wavelet-LHL	glcm	InverseVariance	0.142656161
wavelet-LHL	glcm	DifferenceVariance	59.93246156

wavelet-LHL	glcm	Idn	0.894620482
wavelet-LHL	glcm	Idm	0.130369208
wavelet-LHL	glcm	Correlation	0.199481261
wavelet-LHL	glcm	Autocorrelation	1220.750624
wavelet-LHL	glcm	SumEntropy	5.492456194
wavelet-LHL	glcm	SumSquares	84.54522097
wavelet-LHL	glcm	ClusterProminence	203740.5956
wavelet-LHL	glcm	Imc2	0.984343659
wavelet-LHL	glcm	Imc1	-0.343845485
wavelet-LHL	glcm	DifferenceAverage	8.405932954
wavelet-LHL	glcm	Id	0.216044151
wavelet-LHL	glcm	ClusterTendency	203.549516
wavelet-LHL	firstorder	InterquartileRange	264.842401
wavelet-LHL	firstorder	Skewness	-0.035106618
wavelet-LHL	firstorder	Uniformity	0.034801312
wavelet-LHL	firstorder	Median	-32.44565354
wavelet-LHL	firstorder	Energy	23950680.21
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	110.083238
wavelet-LHL	firstorder	MeanAbsoluteDeviation	179.4295923
wavelet-LHL	firstorder	TotalEnergy	646668365.7
wavelet-LHL	firstorder	Maximum	729.7797404
wavelet-LHL	firstorder	RootMeanSquared	245.6199693
wavelet-LHL	firstorder	90Percentile	255.7203695
wavelet-LHL	firstorder	Minimum	-871.8696837
wavelet-LHL	firstorder	Entropy	5.178108919
wavelet-LHL	firstorder	Range	1601.649424
wavelet-LHL	firstorder	Variance	59297.19292
wavelet-LHL	firstorder	10Percentile	-319.0854559
wavelet-LHL	firstorder	Kurtosis	4.045057746
wavelet-LHL	firstorder	Mean	-32.12438914
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004149728
wavelet-LHL	glrlm	GrayLevelVariance	97.10683529
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.004171355
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.034195923
wavelet-LHL	glrlm	RunVariance	0.033057576
wavelet-LHL	glrlm	GrayLevelNonUniformity	13.17703724
wavelet-LHL	glrlm	LongRunEmphasis	1.095351317
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1243.350096
wavelet-LHL	glrlm	RunLengthNonUniformity	363.8912582
wavelet-LHL	glrlm	ShortRunEmphasis	0.978085974
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1381.544234
wavelet-LHL	glrlm	RunPercentage	0.970548343
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.004263562
wavelet-LHL	glrlm	RunEntropy	5.336178345
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1268.788366
wavelet-LHL	glrlm	RunLengthNonUniformityNormalzied	0.944052802
wavelet-LHL	glszm	GrayLevelVariance	125.7010705
wavelet-LHL	glszm	ZoneVariance	1.476305688
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028384516
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.622188581
wavelet-LHL	glszm	SizeZoneNonUniformity	169.2352941
wavelet-LHL	glszm	GrayLevelNonUniformity	7.720588235
wavelet-LHL	glszm	LargeAreaEmphasis	3.606617647
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1093.597896
wavelet-LHL	glszm	ZonePercentage	0.685138539
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.007921709

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4398.636029
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1306.330882
wavelet-LHL	glszm	SmallAreaEmphasis	0.815713473
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.005495024
wavelet-LHL	glszm	ZoneEntropy	6.121198839
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005291486
wavelet-LHL	ngtdm	Coarseness	0.017990446
wavelet-LHL	ngtdm	Complexity	7387.967792
wavelet-LHL	ngtdm	Strength	17.80721201
wavelet-LHL	ngtdm	Contrast	0.375871447
wavelet-LHL	ngtdm	Busyness	0.027230833
wavelet-LHH	gldm	GrayLevelVariance	17.90905342
wavelet-LHH	gldm	HighGrayLevelEmphasis	363.5692695
wavelet-LHH	gldm	DependenceEntropy	5.981796727
wavelet-LHH	gldm	DependenceNonUniformity	91.32241814
wavelet-LHH	gldm	GrayLevelNonUniformity	29.28715365
wavelet-LHH	gldm	SmallDependenceEmphasis	0.375983157
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	141.9352951
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.23003128
wavelet-LHH	gldm	LargeDependenceEmphasis	8.173803526
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028108666
wavelet-LHH	gldm	DependenceVariance	1.866999981
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2883.100756
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004019046
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006023459
wavelet-LHH	glcm	JointAverage	18.54910177
wavelet-LHH	glcm	SumAverage	37.09820353
wavelet-LHH	glcm	JointEntropy	7.390194165
wavelet-LHH	glcm	ClusterShade	-18.84802911
wavelet-LHH	glcm	MaximumProbability	0.021811113
wavelet-LHH	glcm	ldmn	0.969813193
wavelet-LHH	glcm	JointEnergy	0.007681322
wavelet-LHH	glcm	Contrast	34.83680906
wavelet-LHH	glcm	DifferenceEntropy	3.583387839
wavelet-LHH	glcm	InverseVariance	0.21923472
wavelet-LHH	glcm	DifferenceVariance	14.58766306
wavelet-LHH	glcm	ldn	0.886486883
wavelet-LHH	glcm	ldm	0.216139121
wavelet-LHH	glcm	Correlation	-0.022143471
wavelet-LHH	glcm	Autocorrelation	343.6785589
wavelet-LHH	glcm	SumEntropy	4.430490103
wavelet-LHH	glcm	SumSquares	17.02520935
wavelet-LHH	glcm	ClusterProminence	4282.515339
wavelet-LHH	glcm	lmc2	0.855202445
wavelet-LHH	glcm	lmc1	-0.165500582
wavelet-LHH	glcm	DifferenceAverage	4.459782298
wavelet-LHH	glcm	ld	0.307175333
wavelet-LHH	glcm	ClusterTendency	33.26402833
wavelet-LHH	firstorder	InterquartileRange	126.3260318
wavelet-LHH	firstorder	Skewness	-0.107297348
wavelet-LHH	firstorder	Uniformity	0.073771168
wavelet-LHH	firstorder	Median	3.538004098
wavelet-LHH	firstorder	Energy	4378370.27
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	52.15511323
wavelet-LHH	firstorder	MeanAbsoluteDeviation	79.77599745
wavelet-LHH	firstorder	TotalEnergy	118215997.3

wavelet-LHH	firstorder	Maximum	339.2413647
wavelet-LHH	firstorder	RootMeanSquared	105.0173342
wavelet-LHH	firstorder	90Percentile	137.7063555
wavelet-LHH	firstorder	Minimum	-449.35769
wavelet-LHH	firstorder	Entropy	4.053138409
wavelet-LHH	firstorder	Range	788.5990547
wavelet-LHH	firstorder	Variance	11022.60489
wavelet-LHH	firstorder	10Percentile	-128.8759957
wavelet-LHH	firstorder	Kurtosis	4.069384967
wavelet-LHH	firstorder	Mean	2.456743903
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.00606832
wavelet-LHH	grlm	GrayLevelVariance	18.54734716
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.006203289
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.071925188
wavelet-LHH	grlm	RunVariance	0.070827777
wavelet-LHH	grlm	GrayLevelNonUniformity	26.89508903
wavelet-LHH	grlm	LongRunEmphasis	1.19922659
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	348.9567561
wavelet-LHH	grlm	RunLengthNonUniformity	334.1253753
wavelet-LHH	grlm	ShortRunEmphasis	0.956848842
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	434.3154314
wavelet-LHH	grlm	RunPercentage	0.94187173
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.006825664
wavelet-LHH	grlm	RunEntropy	4.363929996
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	364.2396918
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.893093152
wavelet-LHH	glszm	GrayLevelVariance	29.27642086
wavelet-LHH	glszm	ZoneVariance	9.456446924
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.054562464
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.406662434
wavelet-LHH	glszm	SizeZoneNonUniformity	70.35260116
wavelet-LHH	glszm	GrayLevelNonUniformity	9.439306358
wavelet-LHH	glszm	LargeAreaEmphasis	14.72254335
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	254.5522825
wavelet-LHH	glszm	ZonePercentage	0.435768262
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.051337032
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5157.277457
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	375.9248555
wavelet-LHH	glszm	SmallAreaEmphasis	0.662201826
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.009712611
wavelet-LHH	glszm	ZoneEntropy	5.773990044
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.008562685
wavelet-LHH	ngtdm	Coarseness	0.016029676
wavelet-LHH	ngtdm	Complexity	990.8740191
wavelet-LHH	ngtdm	Strength	3.57327151
wavelet-LHH	ngtdm	Contrast	0.171029043
wavelet-LHH	ngtdm	Busyness	0.11352477
wavelet-LLH	gldm	GrayLevelVariance	73.24806325
wavelet-LLH	gldm	HighGrayLevelEmphasis	947.440806
wavelet-LLH	gldm	DependenceEntropy	6.3243569
wavelet-LLH	gldm	DependenceNonUniformity	133.2468514
wavelet-LLH	gldm	GrayLevelNonUniformity	16.12846348
wavelet-LLH	gldm	SmallDependenceEmphasis	0.564114889
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	562.9895977
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.335634386
wavelet-LLH	gldm	LargeDependenceEmphasis	4.511335013

wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.011734893
wavelet-LLH	gldm	DependenceVariance	1.027517464
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	4002.458438
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003684224
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.004838291
wavelet-LLH	glcm	JointAverage	29.33373563
wavelet-LLH	glcm	SumAverage	58.66747126
wavelet-LLH	glcm	JointEntropy	8.254173478
wavelet-LLH	glcm	ClusterShade	-14.18566959
wavelet-LLH	glcm	MaximumProbability	0.011501716
wavelet-LLH	glcm	ldmn	0.973515601
wavelet-LLH	glcm	JointEnergy	0.003937425
wavelet-LLH	glcm	Contrast	112.9890113
wavelet-LLH	glcm	DifferenceEntropy	4.245767283
wavelet-LLH	glcm	InverseVariance	0.151265581
wavelet-LLH	glcm	DifferenceVariance	50.3231927
wavelet-LLH	glcm	ldn	0.896938706
wavelet-LLH	glcm	ldm	0.141077899
wavelet-LLH	glcm	Correlation	0.131531609
wavelet-LLH	glcm	Autocorrelation	870.1323858
wavelet-LLH	glcm	SumEntropy	5.357742637
wavelet-LLH	glcm	SumSquares	66.133595
wavelet-LLH	glcm	ClusterProminence	113331.2434
wavelet-LLH	glcm	lmc2	0.974040215
wavelet-LLH	glcm	lmc1	-0.306878112
wavelet-LLH	glcm	DifferenceAverage	7.676729482
wavelet-LLH	glcm	ld	0.227957597
wavelet-LLH	glcm	ClusterTendency	151.5453687
wavelet-LLH	firstorder	InterquartileRange	235.3770813
wavelet-LLH	firstorder	Skewness	-0.028418693
wavelet-LLH	firstorder	Uniformity	0.040625853
wavelet-LLH	firstorder	Median	-53.41123999
wavelet-LLH	firstorder	Energy	18993260.28
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	98.92514658
wavelet-LLH	firstorder	MeanAbsoluteDeviation	157.5624751
wavelet-LLH	firstorder	TotalEnergy	512818027.7
wavelet-LLH	firstorder	Maximum	736.7611186
wavelet-LLH	firstorder	RootMeanSquared	218.7280628
wavelet-LLH	firstorder	90Percentile	187.0263353
wavelet-LLH	firstorder	Minimum	-757.2182393
wavelet-LLH	firstorder	Entropy	4.948780856
wavelet-LLH	firstorder	Range	1493.979358
wavelet-LLH	firstorder	Variance	45508.81142
wavelet-LLH	firstorder	10Percentile	-312.4920816
wavelet-LLH	firstorder	Kurtosis	4.442941548
wavelet-LLH	firstorder	Mean	-48.30273318
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004872623
wavelet-LLH	glrlm	GrayLevelVariance	74.49400693
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.004929263
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040003498
wavelet-LLH	glrlm	RunVariance	0.035686878
wavelet-LLH	glrlm	GrayLevelNonUniformity	15.3519136
wavelet-LLH	glrlm	LongRunEmphasis	1.106471971
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	927.7892881
wavelet-LLH	glrlm	RunLengthNonUniformity	359.2056294
wavelet-LLH	glrlm	ShortRunEmphasis	0.974728062

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1042.791383
wavelet-LLH	glrlm	RunPercentage	0.966673125
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005162988
wavelet-LLH	glrlm	RunEntropy	5.124010859
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	949.9736973
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.935626968
wavelet-LLH	glszm	GrayLevelVariance	91.03988158
wavelet-LLH	glszm	ZoneVariance	1.946819394
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.034720069
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.563178126
wavelet-LLH	glszm	SizeZoneNonUniformity	143.0472441
wavelet-LLH	glszm	GrayLevelNonUniformity	8.818897638
wavelet-LLH	glszm	LargeAreaEmphasis	4.38976378
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	788.2944067
wavelet-LLH	glszm	ZonePercentage	0.639798489
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.012366459
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3939.700787
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	984.6732283
wavelet-LLH	glszm	SmallAreaEmphasis	0.778663393
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00621867
wavelet-LLH	glszm	ZoneEntropy	6.0650993
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005470422
wavelet-LLH	ngtdm	Coarseness	0.016308357
wavelet-LLH	ngtdm	Complexity	5350.421135
wavelet-LLH	ngtdm	Strength	13.27732126
wavelet-LLH	ngtdm	Contrast	0.370419667
wavelet-LLH	ngtdm	Busyness	0.040468646
wavelet-LLL	gldm	GrayLevelVariance	440.1359186
wavelet-LLL	gldm	HighGrayLevelEmphasis	3248.06801
wavelet-LLL	gldm	DependenceEntropy	6.877414131
wavelet-LLL	gldm	DependenceNonUniformity	206.279597
wavelet-LLL	gldm	GrayLevelNonUniformity	6.183879093
wavelet-LLL	gldm	SmallDependenceEmphasis	0.742128463
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2272.811398
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.519595962
wavelet-LLL	gldm	LargeDependenceEmphasis	2.390428212
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004312405
wavelet-LLL	gldm	DependenceVariance	0.407793971
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	8976.103275
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003426202
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003583683
wavelet-LLL	glcm	JointAverage	57.15131073
wavelet-LLL	glcm	SumAverage	114.3026215
wavelet-LLL	glcm	JointEntropy	8.92718642
wavelet-LLL	glcm	ClusterShade	-4609.410611
wavelet-LLL	glcm	MaximumProbability	0.005895084
wavelet-LLL	glcm	ldmn	0.964056594
wavelet-LLL	glcm	JointEnergy	0.002153257
wavelet-LLL	glcm	Contrast	410.1198959
wavelet-LLL	glcm	DifferenceEntropy	5.181430982
wavelet-LLL	glcm	InverseVariance	0.065919636
wavelet-LLL	glcm	DifferenceVariance	149.0643645
wavelet-LLL	glcm	ldn	0.872663251
wavelet-LLL	glcm	ldm	0.064959274
wavelet-LLL	glcm	Correlation	0.472867194
wavelet-LLL	glcm	Autocorrelation	3451.697416

wavelet-LLL	glcm	SumEntropy	6.632611134
wavelet-LLL	glcm	SumSquares	389.7641631
wavelet-LLL	glcm	ClusterProminence	3100865.783
wavelet-LLL	glcm	Imc2	0.99922779
wavelet-LLL	glcm	Imc1	-0.53303693
wavelet-LLL	glcm	DifferenceAverage	15.95294659
wavelet-LLL	glcm	Id	0.131868708
wavelet-LLL	glcm	ClusterTendency	1148.936756
wavelet-LLL	firstorder	InterquartileRange	796.4425046
wavelet-LLL	firstorder	Skewness	-0.062615784
wavelet-LLL	firstorder	Uniformity	0.015576522
wavelet-LLL	firstorder	Median	-659.3830935
wavelet-LLL	firstorder	Energy	283472302.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	331.1601645
wavelet-LLL	firstorder	MeanAbsoluteDeviation	439.8109169
wavelet-LLL	firstorder	TotalEnergy	7653752156
wavelet-LLL	firstorder	Maximum	528.7979045
wavelet-LLL	firstorder	RootMeanSquared	845.0065239
wavelet-LLL	firstorder	90Percentile	46.14911487
wavelet-LLL	firstorder	Minimum	-1964.462497
wavelet-LLL	firstorder	Entropy	6.189912948
wavelet-LLL	firstorder	Range	2493.260401
wavelet-LLL	firstorder	Variance	275271.9456
wavelet-LLL	firstorder	10Percentile	-1397.406291
wavelet-LLL	firstorder	Kurtosis	2.214014293
wavelet-LLL	firstorder	Mean	-662.3926931
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.0036255
wavelet-LLL	glrlm	GrayLevelVariance	439.7009377
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003632124
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015521441
wavelet-LLL	glrlm	RunVariance	0.016872558
wavelet-LLL	glrlm	GrayLevelNonUniformity	6.06531003
wavelet-LLL	glrlm	LongRunEmphasis	1.049235828
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3190.198
wavelet-LLL	glrlm	RunLengthNonUniformity	379.0013043
wavelet-LLL	glrlm	ShortRunEmphasis	0.988349635
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3433.192618
wavelet-LLL	glrlm	RunPercentage	0.984305367
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003659312
wavelet-LLL	glrlm	RunEntropy	6.249258607
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3236.323609
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.96975034
wavelet-LLL	glszm	GrayLevelVariance	433.5001465
wavelet-LLL	glszm	ZoneVariance	0.357724609
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015019531
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.705527344
wavelet-LLL	glszm	SizeZoneNonUniformity	225.76875
wavelet-LLL	glszm	GrayLevelNonUniformity	4.80625
wavelet-LLL	glszm	LargeAreaEmphasis	1.896875
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2610.616515
wavelet-LLL	glszm	ZonePercentage	0.80604534
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004774569
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	6775.846875
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3093.803125
wavelet-LLL	glszm	SmallAreaEmphasis	0.864865451
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00430698



wavelet-LLL	glszm	ZoneEntropy	6.681844602
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004216679
wavelet-LLL	ngtdm	Coarseness	0.018082555
wavelet-LLL	ngtdm	Complexity	29660.52984
wavelet-LLL	ngtdm	Strength	48.62010433
wavelet-LLL	ngtdm	Contrast	1.199602247
wavelet-LLL	ngtdm	Busyness	0.015027901
wavelet-HHL	gldm	GrayLevelVariance	29.05774416
wavelet-HHL	gldm	HighGrayLevelEmphasis	348.2695214
wavelet-HHL	gldm	DependenceEntropy	6.095003363
wavelet-HHL	gldm	DependenceNonUniformity	107.4634761
wavelet-HHL	gldm	GrayLevelNonUniformity	24.27455919
wavelet-HHL	gldm	SmallDependenceEmphasis	0.482546926
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	177.0990617
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.270688857
wavelet-HHL	gldm	LargeDependenceEmphasis	7.267002519
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030399937
wavelet-HHL	gldm	DependenceVariance	2.161906998
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2352.073048
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005733056
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007896668
wavelet-HHL	glcm	JointAverage	17.69137875
wavelet-HHL	glcm	SumAverage	35.38275749
wavelet-HHL	glcm	JointEntropy	7.702881132
wavelet-HHL	glcm	ClusterShade	-50.02381682
wavelet-HHL	glcm	MaximumProbability	0.020768162
wavelet-HHL	glcm	ldmn	0.964100308
wavelet-HHL	glcm	JointEnergy	0.006405962
wavelet-HHL	glcm	Contrast	56.99675662
wavelet-HHL	glcm	DifferenceEntropy	3.886944202
wavelet-HHL	glcm	InverseVariance	0.19096514
wavelet-HHL	glcm	DifferenceVariance	24.68671417
wavelet-HHL	glcm	ldn	0.879352938
wavelet-HHL	glcm	ldm	0.185776651
wavelet-HHL	glcm	Correlation	-0.028422866
wavelet-HHL	glcm	Autocorrelation	312.2599254
wavelet-HHL	glcm	SumEntropy	4.71713919
wavelet-HHL	glcm	SumSquares	27.76282477
wavelet-HHL	glcm	ClusterProminence	12781.37363
wavelet-HHL	glcm	lmc2	0.914309803
wavelet-HHL	glcm	lmc1	-0.211065072
wavelet-HHL	glcm	DifferenceAverage	5.598868306
wavelet-HHL	glcm	ld	0.275401015
wavelet-HHL	glcm	ClusterTendency	54.05454244
wavelet-HHL	firstorder	InterquartileRange	137.3566698
wavelet-HHL	firstorder	Skewness	-0.023623007
wavelet-HHL	firstorder	Uniformity	0.061144985
wavelet-HHL	firstorder	Median	7.530423887
wavelet-HHL	firstorder	Energy	7241994.371
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	63.29102647
wavelet-HHL	firstorder	MeanAbsoluteDeviation	100.6679496
wavelet-HHL	firstorder	TotalEnergy	195533848
wavelet-HHL	firstorder	Maximum	479.0975967
wavelet-HHL	firstorder	RootMeanSquared	135.0622058
wavelet-HHL	firstorder	90Percentile	176.579227
wavelet-HHL	firstorder	Minimum	-408.5815254

wavelet-HHL	firstorder	Entropy	4.354842933
wavelet-HHL	firstorder	Range	887.6791221
wavelet-HHL	firstorder	Variance	18159.84617
wavelet-HHL	firstorder	10Percentile	-165.7974223
wavelet-HHL	firstorder	Kurtosis	3.71156373
wavelet-HHL	firstorder	Mean	9.05280376
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007969076
wavelet-HHL	glrlm	GrayLevelVariance	30.04421151
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008107855
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.059252783
wavelet-HHL	glrlm	RunVariance	0.055276773
wavelet-HHL	glrlm	GrayLevelNonUniformity	22.38759432
wavelet-HHL	glrlm	LongRunEmphasis	1.161206745
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	337.6879465
wavelet-HHL	glrlm	RunLengthNonUniformity	343.7645568
wavelet-HHL	glrlm	ShortRunEmphasis	0.96361923
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	401.6785413
wavelet-HHL	glrlm	RunPercentage	0.951559775
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008714948
wavelet-HHL	glrlm	RunEntropy	4.618914034
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	349.508024
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.909263095
wavelet-HHL	glszm	GrayLevelVariance	42.66461156
wavelet-HHL	glszm	ZoneVariance	5.770747412
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.045156132
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.520074068
wavelet-HHL	glszm	SizeZoneNonUniformity	113.3761468
wavelet-HHL	glszm	GrayLevelNonUniformity	9.844036697
wavelet-HHL	glszm	LargeAreaEmphasis	9.087155963
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	279.2477456
wavelet-HHL	glszm	ZonePercentage	0.549118388
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.039394672
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2926.958716
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	365.8394495
wavelet-HHL	glszm	SmallAreaEmphasis	0.749085366
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.011103239
wavelet-HHL	glszm	ZoneEntropy	5.718806239
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009871959
wavelet-HHL	ngtdm	Coarseness	0.016873925
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wavelet-HHL	ngtdm	Strength	4.862212815
wavelet-HHL	ngtdm	Contrast	0.244757864
wavelet-HHL	ngtdm	Busyness	0.096339377
wavelet-HLH	gldm	GrayLevelVariance	13.45669346
wavelet-HLH	gldm	HighGrayLevelEmphasis	126.5012594
wavelet-HLH	gldm	DependenceEntropy	5.571090138
wavelet-HLH	gldm	DependenceNonUniformity	106.7329975
wavelet-HLH	gldm	GrayLevelNonUniformity	31.5440806
wavelet-HLH	gldm	SmallDependenceEmphasis	0.403079302
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	57.41136733
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.26884886
wavelet-HLH	gldm	LargeDependenceEmphasis	6.319899244
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.104649401
wavelet-HLH	gldm	DependenceVariance	1.214803723
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	735.6347607
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009700418

wavelet-HLH	gldm	LowGrayLevelEmphasis	0.022139519
wavelet-HLH	glcm	JointAverage	10.60798255
wavelet-HLH	glcm	SumAverage	21.21596511
wavelet-HLH	glcm	JointEntropy	7.238694876
wavelet-HLH	glcm	ClusterShade	4.051251802
wavelet-HLH	glcm	MaximumProbability	0.021050801
wavelet-HLH	glcm	ldmn	0.943902348
wavelet-HLH	glcm	JointEnergy	0.008305205
wavelet-HLH	glcm	Contrast	26.6300684
wavelet-HLH	glcm	DifferenceEntropy	3.401602725
wavelet-HLH	glcm	InverseVariance	0.219747265
wavelet-HLH	glcm	DifferenceVariance	9.508940996
wavelet-HLH	glcm	ldn	0.842799202
wavelet-HLH	glcm	ldm	0.205547189
wavelet-HLH	glcm	Correlation	0.008913605
wavelet-HLH	glcm	Autocorrelation	112.6561726
wavelet-HLH	glcm	SumEntropy	4.323414268
wavelet-HLH	glcm	SumSquares	13.42914535
wavelet-HLH	glcm	ClusterProminence	2231.368722
wavelet-HLH	glcm	lmc2	0.798673434
wavelet-HLH	glcm	lmc1	-0.132344427
wavelet-HLH	glcm	DifferenceAverage	4.098168838
wavelet-HLH	glcm	ld	0.301867361
wavelet-HLH	glcm	ClusterTendency	27.08651298
wavelet-HLH	firstorder	InterquartileRange	117.5682592
wavelet-HLH	firstorder	Skewness	0.059194019
wavelet-HLH	firstorder	Uniformity	0.079456122
wavelet-HLH	firstorder	Median	1.882094572
wavelet-HLH	firstorder	Energy	3280534.415
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	51.19956196
wavelet-HLH	firstorder	MeanAbsoluteDeviation	72.88409325
wavelet-HLH	firstorder	TotalEnergy	88574429.2
wavelet-HLH	firstorder	Maximum	237.9192543
wavelet-HLH	firstorder	RootMeanSquared	90.90275501
wavelet-HLH	firstorder	90Percentile	121.5485597
wavelet-HLH	firstorder	Minimum	-240.5757789
wavelet-HLH	firstorder	Entropy	3.875715526
wavelet-HLH	firstorder	Range	478.4950332
wavelet-HLH	firstorder	Variance	8256.555959
wavelet-HLH	firstorder	10Percentile	-114.4363828
wavelet-HLH	firstorder	Kurtosis	2.845486573
wavelet-HLH	firstorder	Mean	2.599020751
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.021718833
wavelet-HLH	glrlm	GrayLevelVariance	13.70658976
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.022374431
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.07842803
wavelet-HLH	glrlm	RunVariance	0.054422557
wavelet-HLH	glrlm	GrayLevelNonUniformity	29.62823356
wavelet-HLH	glrlm	LongRunEmphasis	1.15990698
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	122.9208916
wavelet-HLH	glrlm	RunLengthNonUniformity	343.2189193
wavelet-HLH	glrlm	ShortRunEmphasis	0.963235082
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	145.4438013
wavelet-HLH	glrlm	RunPercentage	0.951559775
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.025141381
wavelet-HLH	glrlm	RunEntropy	4.139278725

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	127.1215885
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.907984204
wavelet-HLH	glszm	GrayLevelVariance	18.45057232
wavelet-HLH	glszm	ZoneVariance	6.804514973
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.066134813
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.408775581
wavelet-HLH	glszm	SizeZoneNonUniformity	76.03225806
wavelet-HLH	glszm	GrayLevelNonUniformity	12.30107527
wavelet-HLH	glszm	LargeAreaEmphasis	11.36021505
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	99.36376037
wavelet-HLH	glszm	ZonePercentage	0.468513854
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.173055103
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1217.252688
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	140.1612903
wavelet-HLH	glszm	SmallAreaEmphasis	0.663211868
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026314696
wavelet-HLH	glszm	ZoneEntropy	5.474714657
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016492101
wavelet-HLH	ngtdm	Coarseness	0.01474931
wavelet-HLH	ngtdm	Complexity	425.5347685
wavelet-HLH	ngtdm	Strength	1.593208084
wavelet-HLH	ngtdm	Contrast	0.209277936
wavelet-HLH	ngtdm	Busyness	0.353374215

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	(1.26953125, 1.26953125, 2.0)
general	info	MaskHash	83760d78df618baf4b55ad3bfb4b3a73e366e826
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	566
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original	shape	Maximum2DDiameterSlice	31.32091953
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original	shape	Elongation	0.90033678
original	shape	SurfaceVolumeRatio	0.241812705
original	shape	Volume	15282
original	shape	MajorAxis	32.7002069
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original	shape	Flatness	0.745311416
original	shape	LeastAxis	24.37183751
original	shape	Maximum2DDiameterColumn	36.61966685
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original	gldm	GrayLevelVariance	115.0093646
original	gldm	HighGrayLevelEmphasis	486.0141343
original	gldm	DependenceEntropy	6.760008628
original	gldm	DependenceNonUniformity	120.3250883
original	gldm	GrayLevelNonUniformity	24.44169611
original	gldm	SmallDependenceEmphasis	0.432846112
original	gldm	SmallDependenceHighGrayLevelEmphasis	161.182288
original	gldm	DependenceNonUniformityNormalized	0.212588495
original	gldm	LargeDependenceEmphasis	19.19787986
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.073165528
original	gldm	DependenceVariance	9.307632759
original	gldm	LargeDependenceHighGrayLevelEmphasis	17919.35336
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.006850677
original	gldm	LowGrayLevelEmphasis	0.011498215
original	glcm	JointAverage	20.88451226
original	glcm	SumAverage	41.76902452

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original	glcm	Contrast	89.85971175
original	glcm	DifferenceEntropy	4.134594222
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original	glcm	Idn	0.863116788
original	glcm	Idm	0.231412665
original	glcm	Correlation	0.62114274
original	glcm	Autocorrelation	510.0110865
original	glcm	SumEntropy	5.682863839
original	glcm	SumSquares	118.5552231
original	glcm	ClusterProminence	229464.3931
original	glcm	Imc2	0.955430871
original	glcm	Imc1	-0.260126457
original	glcm	DifferenceAverage	6.633432791
original	glcm	Id	0.304639185
original	glcm	ClusterTendency	384.3611807
original	firstorder	InterquartileRange	548.75
original	firstorder	Skewness	0.20026173
original	firstorder	Uniformity	0.043183209
original	firstorder	Median	-416.5
original	firstorder	Energy	112467887
original	firstorder	RobustMeanAbsoluteDeviation	211.8691611
original	firstorder	MeanAbsoluteDeviation	243.548777
original	firstorder	TotalEnergy	3036632949
original	firstorder	Maximum	73
original	firstorder	RootMeanSquared	445.7650885
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original	firstorder	Minimum	-806
original	firstorder	Entropy	4.807917408
original	firstorder	Range	879
original	firstorder	Variance	71886.21744
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original	firstorder	Kurtosis	1.489750114
original	firstorder	Mean	-356.1183746
original	glrlm	ShortRunLowGrayLevelEmphasis	0.011698928
original	glrlm	GrayLevelVariance	109.449088
original	glrlm	LowGrayLevelRunEmphasis	0.012041876
original	glrlm	GrayLevelNonUniformityNormalized	0.039370647
original	glrlm	RunVariance	0.119751935
original	glrlm	GrayLevelNonUniformity	20.45195913
original	glrlm	LongRunEmphasis	1.309348791
original	glrlm	ShortRunHighGrayLevelEmphasis	413.5733214
original	glrlm	RunLengthNonUniformity	447.4522952
original	glrlm	ShortRunEmphasis	0.942219951
original	glrlm	LongRunHighGrayLevelEmphasis	712.8222307
original	glrlm	RunPercentage	0.917504757
original	glrlm	LongRunLowGrayLevelEmphasis	0.013635827
original	glrlm	RunEntropy	5.193282968
original	glrlm	HighGrayLevelRunEmphasis	457.71016
original	glrlm	RunLengthNonUniformityNormalized	0.86102179

original	glszm	GrayLevelVariance	80.86079237
original	glszm	ZoneVariance	17.66784452
original	glszm	GrayLevelNonUniformityNormalized	0.034024648
original	glszm	SizeZoneNonUniformityNormalized	0.512492352
original	glszm	SizeZoneNonUniformity	145.0353357
original	glszm	GrayLevelNonUniformity	9.628975265
original	glszm	LargeAreaEmphasis	21.66784452
original	glszm	SmallAreaHighGrayLevelEmphasis	272.0335981
original	glszm	ZonePercentage	0.5
original	glszm	LargeAreaLowGrayLevelEmphasis	0.093431136
original	glszm	LargeAreaHighGrayLevelEmphasis	19166.00707
original	glszm	HighGrayLevelZoneEmphasis	373.5971731
original	glszm	SmallAreaEmphasis	0.743160395
original	glszm	LowGrayLevelZoneEmphasis	0.014988288
original	glszm	ZoneEntropy	6.038739166
original	glszm	SmallAreaLowGrayLevelEmphasis	0.012477751
original	ngtdm	Coarseness	0.00899442
original	ngtdm	Complexity	2593.155964
original	ngtdm	Strength	5.978201531
original	ngtdm	Contrast	0.868214709
original	ngtdm	Busyness	0.166373825
wavelet-HHH	gldm	GrayLevelVariance	8.774850479
wavelet-HHH	gldm	HighGrayLevelEmphasis	217.8480565
wavelet-HHH	gldm	DependenceEntropy	5.906312134
wavelet-HHH	gldm	DependenceNonUniformity	81.86572438
wavelet-HHH	gldm	GrayLevelNonUniformity	65.90106007
wavelet-HHH	gldm	SmallDependenceEmphasis	0.292473116
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	64.42093759
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.144639089
wavelet-HHH	gldm	LargeDependenceEmphasis	19.16607774
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.095100205
wavelet-HHH	gldm	DependenceVariance	5.893830613
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4135.55477
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004433431
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.008045089
wavelet-HHH	glcm	JointAverage	14.47931977
wavelet-HHH	glcm	SumAverage	28.95863953
wavelet-HHH	glcm	JointEntropy	6.497484024
wavelet-HHH	glcm	ClusterShade	-22.3256546
wavelet-HHH	glcm	MaximumProbability	0.049942558
wavelet-HHH	glcm	Idmn	0.9761234
wavelet-HHH	glcm	JointEnergy	0.017674154
wavelet-HHH	glcm	Contrast	16.92911072
wavelet-HHH	glcm	DifferenceEntropy	3.090400243
wavelet-HHH	glcm	InverseVariance	0.315987327
wavelet-HHH	glcm	DifferenceVariance	8.183389061
wavelet-HHH	glcm	Idn	0.903126479
wavelet-HHH	glcm	Idm	0.316622275
wavelet-HHH	glcm	Correlation	-0.0373748
wavelet-HHH	glcm	Autocorrelation	209.3458335
wavelet-HHH	glcm	SumEntropy	3.871437425
wavelet-HHH	glcm	SumSquares	8.158858864
wavelet-HHH	glcm	ClusterProminence	1421.778631
wavelet-HHH	glcm	Imc2	0.722176844
wavelet-HHH	glcm	Imc1	-0.108124184

wavelet-HHH	glcm	DifferenceAverage	2.935659546
wavelet-HHH	glcm	Id	0.397066597
wavelet-HHH	glcm	ClusterTendency	15.70632474
wavelet-HHH	firstorder	InterquartileRange	75.97085327
wavelet-HHH	firstorder	Skewness	-0.474896382
wavelet-HHH	firstorder	Uniformity	0.116432968
wavelet-HHH	firstorder	Median	2.91811485
wavelet-HHH	firstorder	Energy	3032693.419
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	32.45114625
wavelet-HHH	firstorder	MeanAbsoluteDeviation	52.81158323
wavelet-HHH	firstorder	TotalEnergy	81882722.31
wavelet-HHH	firstorder	Maximum	271.5999994
wavelet-HHH	firstorder	RootMeanSquared	73.19915014
wavelet-HHH	firstorder	90Percentile	76.35863686
wavelet-HHH	firstorder	Minimum	-329.1364075
wavelet-HHH	firstorder	Entropy	3.487142541
wavelet-HHH	firstorder	Range	600.7364069
wavelet-HHH	firstorder	Variance	5356.289291
wavelet-HHH	firstorder	10Percentile	-84.22553775
wavelet-HHH	firstorder	Kurtosis	5.596716025
wavelet-HHH	firstorder	Mean	-1.351403064
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.008041631
wavelet-HHH	glrlm	GrayLevelVariance	9.50141017
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008404645
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.109176893
wavelet-HHH	glrlm	RunVariance	0.141896901
wavelet-HHH	glrlm	GrayLevelNonUniformity	55.52113311
wavelet-HHH	glrlm	LongRunEmphasis	1.381982606
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	201.9227586
wavelet-HHH	glrlm	RunLengthNonUniformity	419.1464034
wavelet-HHH	glrlm	ShortRunEmphasis	0.925693908
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	300.4029229
wavelet-HHH	glrlm	RunPercentage	0.898341941
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.010264415
wavelet-HHH	glrlm	RunEntropy	4.015811387
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	218.0375277
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.823978086
wavelet-HHH	glszm	GrayLevelVariance	20.07271809
wavelet-HHH	glszm	ZoneVariance	100.0013887
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.075369272
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.482893574
wavelet-HHH	glszm	SizeZoneNonUniformity	85.95505618
wavelet-HHH	glszm	GrayLevelNonUniformity	13.41573034
wavelet-HHH	glszm	LargeAreaEmphasis	110.1123596
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	159.1889665
wavelet-HHH	glszm	ZonePercentage	0.314487633
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.540081
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	23340.25843
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	220.8202247
wavelet-HHH	glszm	SmallAreaEmphasis	0.721111899
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.014648278
wavelet-HHH	glszm	ZoneEntropy	5.249300114
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.01297455
wavelet-HHH	ngtdm	Coarseness	0.011565582
wavelet-HHH	ngtdm	Complexity	495.0740986



wavelet-HHH	ngtdm	Strength	2.11333463
wavelet-HHH	ngtdm	Contrast	0.078557814
wavelet-HHH	ngtdm	Busyness	0.198381391
wavelet-HLL	gldm	GrayLevelVariance	44.5068736
wavelet-HLL	gldm	HighGrayLevelEmphasis	412.5229682
wavelet-HLL	gldm	DependenceEntropy	6.606045089
wavelet-HLL	gldm	DependenceNonUniformity	148.6325088
wavelet-HLL	gldm	GrayLevelNonUniformity	24.26855124
wavelet-HLL	gldm	SmallDependenceEmphasis	0.429750603
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	182.6969159
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.262601606
wavelet-HLL	gldm	LargeDependenceEmphasis	6.77385159
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.044334219
wavelet-HLL	gldm	DependenceVariance	1.611482226
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2706.710247
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005492231
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01084443
wavelet-HLL	glcm	JointAverage	18.72723834
wavelet-HLL	glcm	SumAverage	37.45447668
wavelet-HLL	glcm	JointEntropy	8.541401721
wavelet-HLL	glcm	ClusterShade	-35.49297746
wavelet-HLL	glcm	MaximumProbability	0.010805726
wavelet-HLL	glcm	Idmn	0.95629007
wavelet-HLL	glcm	JointEnergy	0.003292446
wavelet-HLL	glcm	Contrast	68.18836465
wavelet-HLL	glcm	DifferenceEntropy	3.977465298
wavelet-HLL	glcm	InverseVariance	0.174046381
wavelet-HLL	glcm	DifferenceVariance	28.68098697
wavelet-HLL	glcm	Idn	0.868397633
wavelet-HLL	glcm	Idm	0.170883405
wavelet-HLL	glcm	Correlation	0.270039317
wavelet-HLL	glcm	Autocorrelation	363.3001571
wavelet-HLL	glcm	SumEntropy	5.360897155
wavelet-HLL	glcm	SumSquares	46.63359029
wavelet-HLL	glcm	ClusterProminence	39116.04974
wavelet-HLL	glcm	Imc2	0.927694778
wavelet-HLL	glcm	Imc1	-0.210118427
wavelet-HLL	glcm	DifferenceAverage	6.085142489
wavelet-HLL	glcm	Id	0.261326973
wavelet-HLL	glcm	ClusterTendency	118.3459965
wavelet-HLL	firstorder	InterquartileRange	231.4947431
wavelet-HLL	firstorder	Skewness	-0.188352434
wavelet-HLL	firstorder	Uniformity	0.042877299
wavelet-HLL	firstorder	Median	2.59457394
wavelet-HLL	firstorder	Energy	15729614.74
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	94.31953213
wavelet-HLL	firstorder	MeanAbsoluteDeviation	133.6875004
wavelet-HLL	firstorder	TotalEnergy	424699597.9
wavelet-HLL	firstorder	Maximum	412.4181896
wavelet-HLL	firstorder	RootMeanSquared	166.705845
wavelet-HLL	firstorder	90Percentile	199.8793887
wavelet-HLL	firstorder	Minimum	-461.2803294
wavelet-HLL	firstorder	Entropy	4.742988505
wavelet-HLL	firstorder	Range	873.698519
wavelet-HLL	firstorder	Variance	27725.14158

wavelet-HLL	firstorder	10Percentile	-238.2799147
wavelet-HLL	firstorder	Kurtosis	2.725353831
wavelet-HLL	firstorder	Mean	-8.105379564
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.010769602
wavelet-HLL	glrlm	GrayLevelVariance	45.10007746
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011037178
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.042571194
wavelet-HLL	glrlm	RunVariance	0.057762918
wavelet-HLL	glrlm	GrayLevelNonUniformity	22.91717888
wavelet-HLL	glrlm	LongRunEmphasis	1.165082033
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	398.4495293
wavelet-HLL	glrlm	RunLengthNonUniformity	490.1284984
wavelet-HLL	glrlm	ShortRunEmphasis	0.963687483
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	478.8440324
wavelet-HLL	glrlm	RunPercentage	0.951073661
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012186985
wavelet-HLL	glrlm	RunEntropy	4.987053538
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	413.136636
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.909654312
wavelet-HLL	glszm	GrayLevelVariance	52.04701196
wavelet-HLL	glszm	ZoneVariance	3.161203433
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.040243791
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.415723156
wavelet-HLL	glszm	SizeZoneNonUniformity	123.0540541
wavelet-HLL	glszm	GrayLevelNonUniformity	11.91216216
wavelet-HLL	glszm	LargeAreaEmphasis	6.817567568
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	287.0427971
wavelet-HLL	glszm	ZonePercentage	0.522968198
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.047110661
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2639.195946
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	423.2601351
wavelet-HLL	glszm	SmallAreaEmphasis	0.668170138
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013196012
wavelet-HLL	glszm	ZoneEntropy	6.256019306
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.0088841
wavelet-HLL	ngtdm	Coarseness	0.013057134
wavelet-HLL	ngtdm	Complexity	1940.608891
wavelet-HLL	ngtdm	Strength	4.724929395
wavelet-HLL	ngtdm	Contrast	0.29079661
wavelet-HLL	ngtdm	Busyness	0.116200641
wavelet-LHL	gldm	GrayLevelVariance	67.11813108
wavelet-LHL	gldm	HighGrayLevelEmphasis	1396.918728
wavelet-LHL	gldm	DependenceEntropy	6.697023721
wavelet-LHL	gldm	DependenceNonUniformity	144.459364
wavelet-LHL	gldm	GrayLevelNonUniformity	23.42756184
wavelet-LHL	gldm	SmallDependenceEmphasis	0.470819692
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	664.7516528
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.255228558
wavelet-LHL	gldm	LargeDependenceEmphasis	7.703180212
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008043692
wavelet-LHL	gldm	DependenceVariance	2.280700221
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	10506.5583
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002285172
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002716573
wavelet-LHL	glcm	JointAverage	36.59065582

wavelet-LHL	glcm	SumAverage	73.18131165
wavelet-LHL	glcm	JointEntropy	8.556532671
wavelet-LHL	glcm	ClusterShade	759.7352853
wavelet-LHL	glcm	MaximumProbability	0.01681219
wavelet-LHL	glcm	Idmn	0.979193226
wavelet-LHL	glcm	JointEnergy	0.00364269
wavelet-LHL	glcm	Contrast	94.30140721
wavelet-LHL	glcm	DifferenceEntropy	4.208298338
wavelet-LHL	glcm	InverseVariance	0.168385161
wavelet-LHL	glcm	DifferenceVariance	43.19868073
wavelet-LHL	glcm	Idn	0.908705977
wavelet-LHL	glcm	Idm	0.169140741
wavelet-LHL	glcm	Correlation	0.231145099
wavelet-LHL	glcm	Autocorrelation	1353.575921
wavelet-LHL	glcm	SumEntropy	5.460618636
wavelet-LHL	glcm	SumSquares	61.83197454
wavelet-LHL	glcm	ClusterProminence	89775.8017
wavelet-LHL	glcm	Imc2	0.954233958
wavelet-LHL	glcm	Imc1	-0.249527633
wavelet-LHL	glcm	DifferenceAverage	6.989308622
wavelet-LHL	glcm	Id	0.254240007
wavelet-LHL	glcm	ClusterTendency	153.026491
wavelet-LHL	firstorder	InterquartileRange	237.1292314
wavelet-LHL	firstorder	Skewness	-0.002294672
wavelet-LHL	firstorder	Uniformity	0.041391452
wavelet-LHL	firstorder	Median	-14.01383666
wavelet-LHL	firstorder	Energy	23787031.58
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	100.3643955
wavelet-LHL	firstorder	MeanAbsoluteDeviation	154.1533218
wavelet-LHL	firstorder	TotalEnergy	642249852.7
wavelet-LHL	firstorder	Maximum	684.6862682
wavelet-LHL	firstorder	RootMeanSquared	205.0037989
wavelet-LHL	firstorder	90Percentile	268.2306994
wavelet-LHL	firstorder	Minimum	-898.5121555
wavelet-LHL	firstorder	Entropy	4.94873183
wavelet-LHL	firstorder	Range	1583.198424
wavelet-LHL	firstorder	Variance	42024.7861
wavelet-LHL	firstorder	10Percentile	-248.6488239
wavelet-LHL	firstorder	Kurtosis	4.085866047
wavelet-LHL	firstorder	Mean	-1.330965383
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002789205
wavelet-LHL	glrlm	GrayLevelVariance	69.14251262
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002820108
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.039846048
wavelet-LHL	glrlm	RunVariance	0.058731957
wavelet-LHL	glrlm	GrayLevelNonUniformity	21.4024091
wavelet-LHL	glrlm	LongRunEmphasis	1.170343876
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1345.844561
wavelet-LHL	glrlm	RunLengthNonUniformity	485.9888872
wavelet-LHL	glrlm	ShortRunEmphasis	0.961690616
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1631.069453
wavelet-LHL	glrlm	RunPercentage	0.948899157
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002957087
wavelet-LHL	glrlm	RunEntropy	5.220302891
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1398.444148

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.90439455
wavelet-LHL	glszm	GrayLevelVariance	96.17579273
wavelet-LHL	glszm	ZoneVariance	5.381518354
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.030305688
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.520349985
wavelet-LHL	glszm	SizeZoneNonUniformity	157.1456954
wavelet-LHL	glszm	GrayLevelNonUniformity	9.152317881
wavelet-LHL	glszm	LargeAreaEmphasis	8.894039735
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1060.937124
wavelet-LHL	glszm	ZonePercentage	0.533568905
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.010648311
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	11964.66887
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1417.811258
wavelet-LHL	glszm	SmallAreaEmphasis	0.748495295
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004381824
wavelet-LHL	glszm	ZoneEntropy	6.323790726
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004173091
wavelet-LHL	ngtdm	Coarseness	0.012272032
wavelet-LHL	ngtdm	Complexity	5215.875401
wavelet-LHL	ngtdm	Strength	10.40331992
wavelet-LHL	ngtdm	Contrast	0.284891353
wavelet-LHL	ngtdm	Busyness	0.04139662
wavelet-LHH	gldm	GrayLevelVariance	40.58027007
wavelet-LHH	gldm	HighGrayLevelEmphasis	919.8180212
wavelet-LHH	gldm	DependenceEntropy	6.401906864
wavelet-LHH	gldm	DependenceNonUniformity	120.8939929
wavelet-LHH	gldm	GrayLevelNonUniformity	35.00706714
wavelet-LHH	gldm	SmallDependenceEmphasis	0.425561213
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	416.6665969
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.213593627
wavelet-LHH	gldm	LargeDependenceEmphasis	11.24381625
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015563586
wavelet-LHH	gldm	DependenceVariance	3.802294947
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	9915.708481
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002858155
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003564588
wavelet-LHH	glcm	JointAverage	29.58466057
wavelet-LHH	glcm	SumAverage	59.16932113
wavelet-LHH	glcm	JointEntropy	7.836349771
wavelet-LHH	glcm	ClusterShade	210.019159
wavelet-LHH	glcm	MaximumProbability	0.023276382
wavelet-LHH	glcm	Idmn	0.985282932
wavelet-LHH	glcm	JointEnergy	0.006719662
wavelet-LHH	glcm	Contrast	75.34064707
wavelet-LHH	glcm	DifferenceEntropy	3.899276586
wavelet-LHH	glcm	InverseVariance	0.221995193
wavelet-LHH	glcm	DifferenceVariance	41.90515602
wavelet-LHH	glcm	Idn	0.928546907
wavelet-LHH	glcm	Idm	0.218735051
wavelet-LHH	glcm	Correlation	0.009239612
wavelet-LHH	glcm	Autocorrelation	876.1074084
wavelet-LHH	glcm	SumEntropy	4.813240997
wavelet-LHH	glcm	SumSquares	38.519863
wavelet-LHH	glcm	ClusterProminence	63881.09776
wavelet-LHH	glcm	Imc2	0.911592513

wavelet-LHH	glcm	Imc1	-0.207591468
wavelet-LHH	glcm	DifferenceAverage	5.645008915
wavelet-LHH	glcm	Id	0.302847462
wavelet-LHH	glcm	ClusterTendency	78.73880495
wavelet-LHH	firstorder	InterquartileRange	143.5310633
wavelet-LHH	firstorder	Skewness	0.439756825
wavelet-LHH	firstorder	Uniformity	0.061849942
wavelet-LHH	firstorder	Median	-0.462711384
wavelet-LHH	firstorder	Energy	14362862.32
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	61.22944773
wavelet-LHH	firstorder	MeanAbsoluteDeviation	107.22156
wavelet-LHH	firstorder	TotalEnergy	387797282.7
wavelet-LHH	firstorder	Maximum	935.5179868
wavelet-LHH	firstorder	RootMeanSquared	159.2987189
wavelet-LHH	firstorder	90Percentile	170.5889172
wavelet-LHH	firstorder	Minimum	-709.3814181
wavelet-LHH	firstorder	Entropy	4.44416982
wavelet-LHH	firstorder	Range	1644.899405
wavelet-LHH	firstorder	Variance	25364.60721
wavelet-LHH	firstorder	10Percentile	-166.5644797
wavelet-LHH	firstorder	Kurtosis	8.234190543
wavelet-LHH	firstorder	Mean	3.38742168
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003675756
wavelet-LHH	glrlm	GrayLevelVariance	42.82982468
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.00373478
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.058782021
wavelet-LHH	glrlm	RunVariance	0.080816789
wavelet-LHH	glrlm	GrayLevelNonUniformity	31.06503908
wavelet-LHH	glrlm	LongRunEmphasis	1.229767048
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	879.3025014
wavelet-LHH	glrlm	RunLengthNonUniformity	464.6336069
wavelet-LHH	glrlm	ShortRunEmphasis	0.95055083
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1124.823395
wavelet-LHH	glrlm	RunPercentage	0.933541723
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.004007284
wavelet-LHH	glrlm	RunEntropy	4.806851215
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	922.7408918
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.878734462
wavelet-LHH	glszm	GrayLevelVariance	72.03696051
wavelet-LHH	glszm	ZoneVariance	24.00958448
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.041465794
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.546143251
wavelet-LHH	glszm	SizeZoneNonUniformity	144.1818182
wavelet-LHH	glszm	GrayLevelNonUniformity	10.9469697
wavelet-LHH	glszm	LargeAreaEmphasis	28.60606061
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	767.0996638
wavelet-LHH	glszm	ZonePercentage	0.466431095
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.038166658
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	25208.125
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	970.219697
wavelet-LHH	glszm	SmallAreaEmphasis	0.766113458
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.006250476
wavelet-LHH	glszm	ZoneEntropy	5.897661044
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005939823
wavelet-LHH	ngtdm	Coarseness	0.012753644

wavelet-LHH	ngtdm	Complexity	3810.802799
wavelet-LHH	ngtdm	Strength	10.00987014
wavelet-LHH	ngtdm	Contrast	0.176192414
wavelet-LHH	ngtdm	Busyness	0.045902707
wavelet-LLH	gldm	GrayLevelVariance	57.16975178
wavelet-LLH	gldm	HighGrayLevelEmphasis	1457.595406
wavelet-LLH	gldm	DependenceEntropy	6.573691763
wavelet-LLH	gldm	DependenceNonUniformity	142.7279152
wavelet-LLH	gldm	GrayLevelNonUniformity	26.25088339
wavelet-LLH	gldm	SmallDependenceEmphasis	0.468968143
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	670.9709777
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.252169461
wavelet-LLH	gldm	LargeDependenceEmphasis	8.201413428
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.008253259
wavelet-LLH	gldm	DependenceVariance	2.579655134
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	11988.58481
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002712189
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003099222
wavelet-LLH	glcm	JointAverage	37.55272776
wavelet-LLH	glcm	SumAverage	75.10545552
wavelet-LLH	glcm	JointEntropy	8.381742913
wavelet-LLH	glcm	ClusterShade	-510.6505229
wavelet-LLH	glcm	MaximumProbability	0.014871133
wavelet-LLH	glcm	Idmn	0.980395784
wavelet-LLH	glcm	JointEnergy	0.004107313
wavelet-LLH	glcm	Contrast	87.71823363
wavelet-LLH	glcm	DifferenceEntropy	4.094105976
wavelet-LLH	glcm	InverseVariance	0.183936183
wavelet-LLH	glcm	DifferenceVariance	42.81090056
wavelet-LLH	glcm	Idn	0.91343839
wavelet-LLH	glcm	Idm	0.180629065
wavelet-LLH	glcm	Correlation	0.135775167
wavelet-LLH	glcm	Autocorrelation	1417.702943
wavelet-LLH	glcm	SumEntropy	5.263673974
wavelet-LLH	glcm	SumSquares	51.34471307
wavelet-LLH	glcm	ClusterProminence	74435.60822
wavelet-LLH	glcm	Imc2	0.937257224
wavelet-LLH	glcm	Imc1	-0.227534563
wavelet-LLH	glcm	DifferenceAverage	6.520610856
wavelet-LLH	glcm	Id	0.266841294
wavelet-LLH	glcm	ClusterTendency	117.6606187
wavelet-LLH	firstorder	InterquartileRange	184.7452525
wavelet-LLH	firstorder	Skewness	-0.689530085
wavelet-LLH	firstorder	Uniformity	0.046379653
wavelet-LLH	firstorder	Median	-22.62823851
wavelet-LLH	firstorder	Energy	20613809.84
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	83.51429924
wavelet-LLH	firstorder	MeanAbsoluteDeviation	135.3051684
wavelet-LLH	firstorder	TotalEnergy	556572865.8
wavelet-LLH	firstorder	Maximum	601.9096901
wavelet-LLH	firstorder	RootMeanSquared	190.8406632
wavelet-LLH	firstorder	90Percentile	203.3190614
wavelet-LLH	firstorder	Minimum	-928.1889278
wavelet-LLH	firstorder	Entropy	4.789447795
wavelet-LLH	firstorder	Range	1530.098618

wavelet-LLH	firstorder	Variance	35724.366
wavelet-LLH	firstorder	10Percentile	-252.4715953
wavelet-LLH	firstorder	Kurtosis	5.900732795
wavelet-LLH	firstorder	Mean	-26.37788343
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003203624
wavelet-LLH	glrlm	GrayLevelVariance	59.23358512
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003232116
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.04499985
wavelet-LLH	glrlm	RunVariance	0.060047814
wavelet-LLH	glrlm	GrayLevelNonUniformity	24.12807112
wavelet-LLH	glrlm	LongRunEmphasis	1.175174836
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1398.47377
wavelet-LLH	glrlm	RunLengthNonUniformity	483.3309971
wavelet-LLH	glrlm	ShortRunEmphasis	0.9603824
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1713.655994
wavelet-LLH	glrlm	RunPercentage	0.947268279
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003358736
wavelet-LLH	glrlm	RunEntropy	5.072501959
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1456.918942
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.901133689
wavelet-LLH	glszm	GrayLevelVariance	86.3056116
wavelet-LLH	glszm	ZoneVariance	6.288803123
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.03471339
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.519889479
wavelet-LLH	glszm	SizeZoneNonUniformity	157.0066225
wavelet-LLH	glszm	GrayLevelNonUniformity	10.48344371
wavelet-LLH	glszm	LargeAreaEmphasis	9.801324503
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1064.032382
wavelet-LLH	glszm	ZonePercentage	0.533568905
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.011538728
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	14053.2947
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1444.301325
wavelet-LLH	glszm	SmallAreaEmphasis	0.748765995
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.005172909
wavelet-LLH	glszm	ZoneEntropy	6.190985878
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004987689
wavelet-LLH	ngtdm	Coarseness	0.012402031
wavelet-LLH	ngtdm	Complexity	5015.167601
wavelet-LLH	ngtdm	Strength	11.25076207
wavelet-LLH	ngtdm	Contrast	0.237513606
wavelet-LLH	ngtdm	Busyness	0.036696862
wavelet-LLL	gldm	GrayLevelVariance	733.3407584
wavelet-LLL	gldm	HighGrayLevelEmphasis	2974.342756
wavelet-LLL	gldm	DependenceEntropy	7.207287404
wavelet-LLL	gldm	DependenceNonUniformity	266.8480565
wavelet-LLL	gldm	GrayLevelNonUniformity	7.713780919
wavelet-LLL	gldm	SmallDependenceEmphasis	0.708244674
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1924.060676
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.471462997
wavelet-LLL	gldm	LargeDependenceEmphasis	3.685512367
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012614431
wavelet-LLL	gldm	DependenceVariance	1.134550313
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	13402.54064
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003633936
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.004436993

wavelet-LLL	glcm	JointAverage	51.41298148
wavelet-LLL	glcm	SumAverage	102.825963
wavelet-LLL	glcm	JointEntropy	9.461700255
wavelet-LLL	glcm	ClusterShade	2301.897298
wavelet-LLL	glcm	MaximumProbability	0.006222035
wavelet-LLL	glcm	Idmn	0.960818413
wavelet-LLL	glcm	JointEnergy	0.00156472
wavelet-LLL	glcm	Contrast	412.0630529
wavelet-LLL	glcm	DifferenceEntropy	5.219880333
wavelet-LLL	glcm	InverseVariance	0.088672977
wavelet-LLL	glcm	DifferenceVariance	169.8069554
wavelet-LLL	glcm	Idn	0.873692303
wavelet-LLL	glcm	Idm	0.085265986
wavelet-LLL	glcm	Correlation	0.730363326
wavelet-LLL	glcm	Autocorrelation	3202.673167
wavelet-LLL	glcm	SumEntropy	7.093005106
wavelet-LLL	glcm	SumSquares	763.7728114
wavelet-LLL	glcm	ClusterProminence	11880106.5
wavelet-LLL	glcm	Imc2	0.999128648
wavelet-LLL	glcm	Imc1	-0.502963264
wavelet-LLL	glcm	DifferenceAverage	15.31578797
wavelet-LLL	glcm	Id	0.154286804
wavelet-LLL	glcm	ClusterTendency	2643.028193
wavelet-LLL	firstorder	InterquartileRange	1257.568203
wavelet-LLL	firstorder	Skewness	0.214684198
wavelet-LLL	firstorder	Uniformity	0.013628588
wavelet-LLL	firstorder	Median	-1090.302417
wavelet-LLL	firstorder	Energy	829459112.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	486.6935801
wavelet-LLL	firstorder	MeanAbsoluteDeviation	593.3079968
wavelet-LLL	firstorder	TotalEnergy	22395396033
wavelet-LLL	firstorder	Maximum	217.2328507
wavelet-LLL	firstorder	RootMeanSquared	1210.56824
wavelet-LLL	firstorder	90Percentile	-5.812936522
wavelet-LLL	firstorder	Minimum	-2163.152974
wavelet-LLL	firstorder	Entropy	6.338265158
wavelet-LLL	firstorder	Range	2380.385825
wavelet-LLL	firstorder	Variance	458072.7558
wavelet-LLL	firstorder	10Percentile	-1838.239082
wavelet-LLL	firstorder	Kurtosis	1.71280712
wavelet-LLL	firstorder	Mean	-1003.694529
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.004428185
wavelet-LLL	glrlm	GrayLevelVariance	722.0948967
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.004475225
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.013488331
wavelet-LLL	glrlm	RunVariance	0.025769032
wavelet-LLL	glrlm	GrayLevelNonUniformity	7.459571908
wavelet-LLL	glrlm	LongRunEmphasis	1.073716109
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2890.771224
wavelet-LLL	glrlm	RunLengthNonUniformity	529.1377513
wavelet-LLL	glrlm	ShortRunEmphasis	0.983139356
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3236.362792
wavelet-LLL	glrlm	RunPercentage	0.977031802
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.00468465
wavelet-LLL	glrlm	RunEntropy	6.433559828



wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2954.653429
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.956653613
wavelet-LLL	glszm	GrayLevelVariance	611.9318004
wavelet-LLL	glszm	ZoneVariance	0.922013521
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013159204
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.698746917
wavelet-LLL	glszm	SizeZoneNonUniformity	305.3524027
wavelet-LLL	glszm	GrayLevelNonUniformity	5.750572082
wavelet-LLL	glszm	LargeAreaEmphasis	2.599542334
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2292.815345
wavelet-LLL	glszm	ZonePercentage	0.772084806
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.00873245
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10159.18078
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2735.306636
wavelet-LLL	glszm	SmallAreaEmphasis	0.861102141
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004963061
wavelet-LLL	glszm	ZoneEntropy	6.888224007
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004553637
wavelet-LLL	ngtdm	Coarseness	0.014819674
wavelet-LLL	ngtdm	Complexity	29512.90342
wavelet-LLL	ngtdm	Strength	55.00223029
wavelet-LLL	ngtdm	Contrast	1.506856578
wavelet-LLL	ngtdm	Busyness	0.019532155
wavelet-HHL	gldm	GrayLevelVariance	10.03060658
wavelet-HHL	gldm	HighGrayLevelEmphasis	99.94522968
wavelet-HHL	gldm	DependenceEntropy	5.86513068
wavelet-HHL	gldm	DependenceNonUniformity	106.6855124
wavelet-HHL	gldm	GrayLevelNonUniformity	54.09893993
wavelet-HHL	gldm	SmallDependenceEmphasis	0.345697333
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	38.0793728
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.188490305
wavelet-HHL	gldm	LargeDependenceEmphasis	11.4664311
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.161051117
wavelet-HHL	gldm	DependenceVariance	3.009227235
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1045.916961
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014269517
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024048057
wavelet-HHL	glcm	JointAverage	9.51657517
wavelet-HHL	glcm	SumAverage	19.03315034
wavelet-HHL	glcm	JointEntropy	6.999858778
wavelet-HHL	glcm	ClusterShade	4.855400075
wavelet-HHL	glcm	MaximumProbability	0.028746786
wavelet-HHL	glcm	Idmn	0.957480286
wavelet-HHL	glcm	JointEnergy	0.010922364
wavelet-HHL	glcm	Contrast	19.7329333
wavelet-HHL	glcm	DifferenceEntropy	3.235690862
wavelet-HHL	glcm	InverseVariance	0.273102705
wavelet-HHL	glcm	DifferenceVariance	7.895877289
wavelet-HHL	glcm	Idn	0.865483317
wavelet-HHL	glcm	Idm	0.258112084
wavelet-HHL	glcm	Correlation	-0.009054285
wavelet-HHL	glcm	Autocorrelation	90.48200299
wavelet-HHL	glcm	SumEntropy	4.104369103
wavelet-HHL	glcm	SumSquares	9.782386015
wavelet-HHL	glcm	ClusterProminence	1360.22217

wavelet-HHL	glcm	Imc2	0.679973913
wavelet-HHL	glcm	Imc1	-0.086328488
wavelet-HHL	glcm	DifferenceAverage	3.414851151
wavelet-HHL	glcm	Id	0.347572763
wavelet-HHL	glcm	ClusterTendency	19.39661076
wavelet-HHL	firstorder	InterquartileRange	95.15186493
wavelet-HHL	firstorder	Skewness	0.155067143
wavelet-HHL	firstorder	Uniformity	0.095581166
wavelet-HHL	firstorder	Median	-3.443314039
wavelet-HHL	firstorder	Energy	3562719.271
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	40.3358992
wavelet-HHL	firstorder	MeanAbsoluteDeviation	61.16540452
wavelet-HHL	firstorder	TotalEnergy	96193420.32
wavelet-HHL	firstorder	Maximum	256.4793028
wavelet-HHL	firstorder	RootMeanSquared	79.33824435
wavelet-HHL	firstorder	90Percentile	95.94122109
wavelet-HHL	firstorder	Minimum	-222.4694377
wavelet-HHL	firstorder	Entropy	3.674902138
wavelet-HHL	firstorder	Range	478.9487405
wavelet-HHL	firstorder	Variance	6294.053332
wavelet-HHL	firstorder	10Percentile	-96.08270615
wavelet-HHL	firstorder	Kurtosis	3.418185972
wavelet-HHL	firstorder	Mean	-0.709707471
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024124181
wavelet-HHL	glrlm	GrayLevelVariance	10.5180861
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024879109
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.09229617
wavelet-HHL	glrlm	RunVariance	0.089703829
wavelet-HHL	glrlm	GrayLevelNonUniformity	48.40732604
wavelet-HHL	glrlm	LongRunEmphasis	1.255003309
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	95.48990156
wavelet-HHL	glrlm	RunLengthNonUniformity	454.2032651
wavelet-HHL	glrlm	ShortRunEmphasis	0.945053608
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	124.1299629
wavelet-HHL	glrlm	RunPercentage	0.926610492
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.02831071
wavelet-HHL	glrlm	RunEntropy	4.070757057
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	100.5522417
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.865771526
wavelet-HHL	glszm	GrayLevelVariance	19.08407268
wavelet-HHL	glszm	ZoneVariance	40.30201478
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.06632825
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.479796051
wavelet-HHL	glszm	SizeZoneNonUniformity	101.2369668
wavelet-HHL	glszm	GrayLevelNonUniformity	13.99526066
wavelet-HHL	glszm	LargeAreaEmphasis	47.49763033
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	81.92440603
wavelet-HHL	glszm	ZonePercentage	0.372791519
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.63426951
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	4050.563981
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	109.4691943
wavelet-HHL	glszm	SmallAreaEmphasis	0.719202846
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.040767828
wavelet-HHL	glszm	ZoneEntropy	5.407317666
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.034967246

wavelet-HHL	ngtdm	Coarseness	0.01166624
wavelet-HHL	ngtdm	Complexity	375.5090871
wavelet-HHL	ngtdm	Strength	1.255360484
wavelet-HHL	ngtdm	Contrast	0.131707877
wavelet-HHL	ngtdm	Busyness	0.426200098
wavelet-HLH	gldm	GrayLevelVariance	10.37574761
wavelet-HLH	gldm	HighGrayLevelEmphasis	144.2561837
wavelet-HLH	gldm	DependenceEntropy	6.077853801
wavelet-HLH	gldm	DependenceNonUniformity	92.78798587
wavelet-HLH	gldm	GrayLevelNonUniformity	58.06713781
wavelet-HLH	gldm	SmallDependenceEmphasis	0.306932275
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	49.64244021
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.163936371
wavelet-HLH	gldm	LargeDependenceEmphasis	16.11660777
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.136468527
wavelet-HLH	gldm	DependenceVariance	4.918952665
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2143.111307
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006679718
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.012671924
wavelet-HLH	glcm	JointAverage	11.53991376
wavelet-HLH	glcm	SumAverage	23.07982753
wavelet-HLH	glcm	JointEntropy	6.879147202
wavelet-HLH	glcm	ClusterShade	20.57996194
wavelet-HLH	glcm	MaximumProbability	0.032202966
wavelet-HLH	glcm	Idmn	0.975344945
wavelet-HLH	glcm	JointEnergy	0.012614472
wavelet-HLH	glcm	Contrast	20.1107783
wavelet-HLH	glcm	DifferenceEntropy	3.227125077
wavelet-HLH	glcm	InverseVariance	0.279724101
wavelet-HLH	glcm	DifferenceVariance	9.003445457
wavelet-HLH	glcm	Idn	0.89911555
wavelet-HLH	glcm	Idm	0.283170312
wavelet-HLH	glcm	Correlation	-0.00372127
wavelet-HLH	glcm	Autocorrelation	133.1397345
wavelet-HLH	glcm	SumEntropy	4.081385104
wavelet-HLH	glcm	SumSquares	10.02511961
wavelet-HLH	glcm	ClusterProminence	1923.173809
wavelet-HLH	glcm	Imc2	0.735891697
wavelet-HLH	glcm	Imc1	-0.108846053
wavelet-HLH	glcm	DifferenceAverage	3.296153591
wavelet-HLH	glcm	Id	0.369032026
wavelet-HLH	glcm	ClusterTendency	19.98970015
wavelet-HLH	firstorder	InterquartileRange	88.0804292
wavelet-HLH	firstorder	Skewness	0.313303762
wavelet-HLH	firstorder	Uniformity	0.102592116
wavelet-HLH	firstorder	Median	-1.396053687
wavelet-HLH	firstorder	Energy	3645487.905
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	37.30445259
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.27338186
wavelet-HLH	firstorder	TotalEnergy	98428173.43
wavelet-HLH	firstorder	Maximum	379.5346428
wavelet-HLH	firstorder	RootMeanSquared	80.254541
wavelet-HLH	firstorder	90Percentile	90.04345548
wavelet-HLH	firstorder	Minimum	-250.2612834
wavelet-HLH	firstorder	Entropy	3.644968485

wavelet-HLH	firstorder	Range	629.7959261
wavelet-HLH	firstorder	Variance	6437.247941
wavelet-HLH	firstorder	10Percentile	-88.98260014
wavelet-HLH	firstorder	Kurtosis	4.872124728
wavelet-HLH	firstorder	Mean	1.882394677
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012544048
wavelet-HLH	glrlm	GrayLevelVariance	11.06866235
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.013106224
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.098183152
wavelet-HLH	glrlm	RunVariance	0.117885783
wavelet-HLH	glrlm	GrayLevelNonUniformity	50.56202957
wavelet-HLH	glrlm	LongRunEmphasis	1.328176937
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	136.1817847
wavelet-HLH	glrlm	RunLengthNonUniformity	432.4132338
wavelet-HLH	glrlm	ShortRunEmphasis	0.932641746
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	189.1631082
wavelet-HLH	glrlm	RunPercentage	0.909758086
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.015830289
wavelet-HLH	glrlm	RunEntropy	4.123196233
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	145.2569023
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.83896019
wavelet-HLH	glszm	GrayLevelVariance	22.67289993
wavelet-HLH	glszm	ZoneVariance	70.60727538
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060978817
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.476464573
wavelet-HLH	glszm	SizeZoneNonUniformity	88.14594595
wavelet-HLH	glszm	GrayLevelNonUniformity	11.28108108
wavelet-HLH	glszm	LargeAreaEmphasis	79.96756757
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	120.5993647
wavelet-HLH	glszm	ZonePercentage	0.326855124
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.657515058
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	10372.42703
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	160.2594595
wavelet-HLH	glszm	SmallAreaEmphasis	0.715217783
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.021345409
wavelet-HLH	glszm	ZoneEntropy	5.517336807
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018444194
wavelet-HLH	ngtdm	Coarseness	0.011490108
wavelet-HLH	ngtdm	Complexity	567.2220779
wavelet-HLH	ngtdm	Strength	2.167367283
wavelet-HLH	ngtdm	Contrast	0.092138949
wavelet-HLH	ngtdm	Busyness	0.255626635

Image type	Feature Class	Feature Name	
general	info	BoundingBox	5: RTSTRUCT: C99-DNU_segment_GTV CT sim (1, 0, 1, 7, 7, 5)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	f92f62318e858b7e5162ce4d8710fed21652652b
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	0a3c8f6bcebdc54cebdeab45630d03b1bc9ba347
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	122
original	shape	Maximum3DDiameter	20.34698995
original	shape	Maximum2DDiameterSlice	18.97366596
original	shape	Sphericity	0.904057667
original	shape	MinorAxis	16.98147437
original	shape	Elongation	0.860450008
original	shape	SurfaceVolumeRatio	0.359512057
original	shape	Volume	3294
original	shape	MajorAxis	19.7355735
original	shape	SurfaceArea	1184.232714
original	shape	Flatness	0.700437561
original	shape	LeastAxis	13.82353696
original	shape	Maximum2DDiameterColumn	20.1246118
original	shape	Maximum2DDiameterRow	20.1246118
original	gldm	GrayLevelVariance	163.5608707
original	gldm	HighGrayLevelEmphasis	977.2131148
original	gldm	DependenceEntropy	5.700908649
original	gldm	DependenceNonUniformity	37.47540984
original	gldm	GrayLevelNonUniformity	8.295081967
original	gldm	SmallDependenceEmphasis	0.568743949
original	gldm	SmallDependenceHighGrayLevelEmphasis	346.9453575
original	gldm	DependenceNonUniformityNormalized	0.30717549
original	gldm	LargeDependenceEmphasis	15.98360656
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.025866105
original	gldm	DependenceVariance	7.372749261
original	gldm	LargeDependenceHighGrayLevelEmphasis	24526.4918
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.015760215
original	gldm	LowGrayLevelEmphasis	0.01610723
original	glcm	JointAverage	31.18536697
original	glcm	SumAverage	62.37073393
original	glcm	JointEntropy	6.400295959
original	glcm	ClusterShade	-6568.988989
original	glcm	MaximumProbability	0.066011473

original	glcm	Idmn	0.916403106
original	glcm	JointEnergy	0.017852302
original	glcm	Contrast	202.3501865
original	glcm	DifferenceEntropy	4.29961017
original	glcm	InverseVariance	0.202110379
original	glcm	DifferenceVariance	103.6551116
original	glcm	Idn	0.838053519
original	glcm	Idm	0.227205782
original	glcm	Correlation	0.271726419
original	glcm	Autocorrelation	1011.739714
original	glcm	SumEntropy	4.944842818
original	glcm	SumSquares	139.9874191
original	glcm	ClusterProminence	388241.9091
original	glcm	Imc2	0.987888788
original	glcm	Imc1	-0.45598782
original	glcm	DifferenceAverage	9.85177718
original	glcm	Id	0.286651595
original	glcm	ClusterTendency	357.5994898
original	firstorder	InterquartileRange	584.5
original	firstorder	Skewness	-0.705390845
original	firstorder	Uniformity	0.067992475
original	firstorder	Median	-133
original	firstorder	Energy	20105193
original	firstorder	RobustMeanAbsoluteDeviation	225.7693698
original	firstorder	MeanAbsoluteDeviation	280.1474066
original	firstorder	TotalEnergy	542840211
original	firstorder	Maximum	96
original	firstorder	RootMeanSquared	405.9515537
original	firstorder	90Percentile	49
original	firstorder	Minimum	-928
original	firstorder	Entropy	4.519311822
original	firstorder	Range	1024
original	firstorder	Variance	102276.1705
original	firstorder	10Percentile	-757.1
original	firstorder	Kurtosis	2.006695128
original	firstorder	Mean	-250.0409836
original	glrlm	ShortRunLowGrayLevelEmphasis	0.017317291
original	glrlm	GrayLevelVariance	166.005281
original	glrlm	LowGrayLevelRunEmphasis	0.017354916
original	glrlm	GrayLevelNonUniformityNormalized	0.057659605
original	glrlm	RunVariance	0.098695061
original	glrlm	GrayLevelNonUniformity	6.516828143
original	glrlm	LongRunEmphasis	1.267580265
original	glrlm	ShortRunHighGrayLevelEmphasis	846.9813018
original	glrlm	RunLengthNonUniformity	98.03324761
original	glrlm	ShortRunEmphasis	0.945450009
original	glrlm	LongRunHighGrayLevelEmphasis	1345.547867
original	glrlm	RunPercentage	0.925598991
original	glrlm	LongRunLowGrayLevelEmphasis	0.017536835
original	glrlm	RunEntropy	4.886168759
original	glrlm	HighGrayLevelRunEmphasis	931.158674
original	glrlm	RunLengthNonUniformityNormalized	0.867477918
original	glszm	GrayLevelVariance	149.6844136
original	glszm	ZoneVariance	9.156635802
original	glszm	GrayLevelNonUniformityNormalized	0.03433642
original	glszm	SizeZoneNonUniformityNormalized	0.793981481

original	glszm	SizeZoneNonUniformity	57.16666667
original	glszm	GrayLevelNonUniformity	2.472222222
original	glszm	LargeAreaEmphasis	12.02777778
original	glszm	SmallAreaHighGrayLevelEmphasis	507.7940993
original	glszm	ZonePercentage	0.590163934
original	glszm	LargeAreaLowGrayLevelEmphasis	0.034035257
original	glszm	LargeAreaHighGrayLevelEmphasis	17804.11111
original	glszm	HighGrayLevelZoneEmphasis	620.3333333
original	glszm	SmallAreaEmphasis	0.903636095
original	glszm	LowGrayLevelZoneEmphasis	0.026767495
original	glszm	ZoneEntropy	5.155764585
original	glszm	SmallAreaLowGrayLevelEmphasis	0.026645797
original	ngtdm	Coarseness	0.019119842
original	ngtdm	Complexity	5433.254844
original	ngtdm	Strength	25.79437117
original	ngtdm	Contrast	2.250776706
original	ngtdm	Busyness	0.040019104
wavelet-HHH	gldm	GrayLevelVariance	18.22547702
wavelet-HHH	gldm	HighGrayLevelEmphasis	293.4590164
wavelet-HHH	gldm	DependenceEntropy	5.418911698
wavelet-HHH	gldm	DependenceNonUniformity	26.52459016
wavelet-HHH	gldm	GrayLevelNonUniformity	11.73770492
wavelet-HHH	gldm	SmallDependenceEmphasis	0.42627235
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	124.8137032
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.217414673
wavelet-HHH	gldm	LargeDependenceEmphasis	10.26229508
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.047320914
wavelet-HHH	gldm	DependenceVariance	3.122010212
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2895.360656
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010709628
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.012897219
wavelet-HHH	glcm	JointAverage	16.59562085
wavelet-HHH	glcm	SumAverage	33.19124169
wavelet-HHH	glcm	JointEntropy	6.328755778
wavelet-HHH	glcm	ClusterShade	-5.714191047
wavelet-HHH	glcm	MaximumProbability	0.049949777
wavelet-HHH	glcm	ldmn	0.963653628
wavelet-HHH	glcm	JointEnergy	0.015978624
wavelet-HHH	glcm	Contrast	39.00468713
wavelet-HHH	glcm	DifferenceEntropy	3.466249793
wavelet-HHH	glcm	InverseVariance	0.234858557
wavelet-HHH	glcm	DifferenceVariance	18.95186927
wavelet-HHH	glcm	ldn	0.882555301
wavelet-HHH	glcm	ldm	0.239403328
wavelet-HHH	glcm	Correlation	-0.036327614
wavelet-HHH	glcm	Autocorrelation	274.721817
wavelet-HHH	glcm	SumEntropy	4.15760552
wavelet-HHH	glcm	SumSquares	18.79744567
wavelet-HHH	glcm	ClusterProminence	6903.818855
wavelet-HHH	glcm	lmc2	0.952521416
wavelet-HHH	glcm	lmc1	-0.32025641
wavelet-HHH	glcm	DifferenceAverage	4.458765345
wavelet-HHH	glcm	ld	0.326139098
wavelet-HHH	glcm	ClusterTendency	36.18509555
wavelet-HHH	firstorder	InterquartileRange	94.13719948
wavelet-HHH	firstorder	Skewness	-0.001228957

wavelet-HHH	firstorder	Uniformity	0.096210696
wavelet-HHH	firstorder	Median	0.794491965
wavelet-HHH	firstorder	Energy	1371847.91
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	39.42592724
wavelet-HHH	firstorder	MeanAbsoluteDeviation	72.06073899
wavelet-HHH	firstorder	TotalEnergy	37039893.57
wavelet-HHH	firstorder	Maximum	336.0793646
wavelet-HHH	firstorder	RootMeanSquared	106.0408176
wavelet-HHH	firstorder	90Percentile	107.2262783
wavelet-HHH	firstorder	Minimum	-391.3024445
wavelet-HHH	firstorder	Entropy	3.771844375
wavelet-HHH	firstorder	Range	727.3818091
wavelet-HHH	firstorder	Variance	11236.6093
wavelet-HHH	firstorder	10Percentile	-109.5827751
wavelet-HHH	firstorder	Kurtosis	5.650357626
wavelet-HHH	firstorder	Mean	2.836495164
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013343486
wavelet-HHH	glrlm	GrayLevelVariance	19.13680621
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.01353047
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.091402466
wavelet-HHH	glrlm	RunVariance	0.07219614
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.43615354
wavelet-HHH	glrlm	LongRunEmphasis	1.21603129
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	279.8963024
wavelet-HHH	glrlm	RunLengthNonUniformity	100.2827615
wavelet-HHH	glrlm	ShortRunEmphasis	0.950237616
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	355.4947328
wavelet-HHH	glrlm	RunPercentage	0.935687264
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.014339911
wavelet-HHH	glrlm	RunEntropy	4.07430705
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	294.0750991
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.87773315
wavelet-HHH	glszm	GrayLevelVariance	29.70698075
wavelet-HHH	glszm	ZoneVariance	8.33438667
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.068083884
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.514507325
wavelet-HHH	glszm	SizeZoneNonUniformity	30.3559322
wavelet-HHH	glszm	GrayLevelNonUniformity	4.016949153
wavelet-HHH	glszm	LargeAreaEmphasis	12.61016949
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	217.3952971
wavelet-HHH	glszm	ZonePercentage	0.483606557
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.066579183
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3488.338983
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	301.1186441
wavelet-HHH	glszm	SmallAreaEmphasis	0.743602218
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.02255873
wavelet-HHH	glszm	ZoneEntropy	4.916209998
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.021592309
wavelet-HHH	ngtdm	Coarseness	0.053983129
wavelet-HHH	ngtdm	Complexity	645.1826417
wavelet-HHH	ngtdm	Strength	8.880580677
wavelet-HHH	ngtdm	Contrast	0.246259514
wavelet-HHH	ngtdm	Busyness	0.046170739
wavelet-HLL	gldm	GrayLevelVariance	157.408022
wavelet-HLL	gldm	HighGrayLevelEmphasis	849.2704918
wavelet-HLL	gldm	DependenceEntropy	5.735544407



wavelet-HLL	gldm	DependenceNonUniformity	64.50819672
wavelet-HLL	gldm	GrayLevelNonUniformity	3.508196721
wavelet-HLL	gldm	SmallDependenceEmphasis	0.75
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	609.1106557
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.528755711
wavelet-HLL	gldm	LargeDependenceEmphasis	2.327868852
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014672397
wavelet-HLL	gldm	DependenceVariance	0.386186509
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2179.745902
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01140365
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011939495
wavelet-HLL	glcm	JointAverage	25.35974685
wavelet-HLL	glcm	SumAverage	50.7194937
wavelet-HLL	glcm	JointEntropy	7.127966366
wavelet-HLL	glcm	ClusterShade	4579.998296
wavelet-HLL	glcm	MaximumProbability	0.015066901
wavelet-HLL	glcm	ldmn	0.94486992
wavelet-HLL	glcm	JointEnergy	0.007487058
wavelet-HLL	glcm	Contrast	188.8705664
wavelet-HLL	glcm	DifferenceEntropy	4.375286507
wavelet-HLL	glcm	InverseVariance	0.090995585
wavelet-HLL	glcm	DifferenceVariance	56.38717282
wavelet-HLL	glcm	ldn	0.842173993
wavelet-HLL	glcm	ldm	0.079208358
wavelet-HLL	glcm	Correlation	0.314002884
wavelet-HLL	glcm	Autocorrelation	689.3951143
wavelet-HLL	glcm	SumEntropy	5.343526871
wavelet-HLL	glcm	SumSquares	140.5789465
wavelet-HLL	glcm	ClusterProminence	397793.9093
wavelet-HLL	glcm	lmc2	0.999214267
wavelet-HLL	glcm	lmc1	-0.624878136
wavelet-HLL	glcm	DifferenceAverage	11.05128638
wavelet-HLL	glcm	ld	0.157306906
wavelet-HLL	glcm	ClusterTendency	373.4452195
wavelet-HLL	firstorder	InterquartileRange	424.4634669
wavelet-HLL	firstorder	Skewness	0.370372093
wavelet-HLL	firstorder	Uniformity	0.028755711
wavelet-HLL	firstorder	Median	-113.7040621
wavelet-HLL	firstorder	Energy	12807173.98
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	181.8999202
wavelet-HLL	firstorder	MeanAbsoluteDeviation	256.373659
wavelet-HLL	firstorder	TotalEnergy	345793697.5
wavelet-HLL	firstorder	Maximum	602.9299398
wavelet-HLL	firstorder	RootMeanSquared	324.00129
wavelet-HLL	firstorder	90Percentile	413.5414589
wavelet-HLL	firstorder	Minimum	-720.5846128
wavelet-HLL	firstorder	Entropy	5.297363162
wavelet-HLL	firstorder	Range	1323.514553
wavelet-HLL	firstorder	Variance	98433.14066
wavelet-HLL	firstorder	10Percentile	-457.0407608
wavelet-HLL	firstorder	Kurtosis	2.385798695
wavelet-HLL	firstorder	Mean	-80.89310997
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012068489
wavelet-HLL	glrlm	GrayLevelVariance	157.5694725
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.012092931
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.0286569

wavelet-HLL	glrlm	RunVariance	0.015117707
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.443405425
wavelet-HLL	glrlm	LongRunEmphasis	1.046742219
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	835.5894619
wavelet-HLL	glrlm	RunLengthNonUniformity	116.5709313
wavelet-HLL	glrlm	ShortRunEmphasis	0.988314445
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	893.2608029
wavelet-HLL	glrlm	RunPercentage	0.984867591
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012190701
wavelet-HLL	glrlm	RunEntropy	5.342400908
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	847.1237301
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.969764586
wavelet-HLL	glszm	GrayLevelVariance	162.707887
wavelet-HLL	glszm	ZoneVariance	0.319763289
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.027854301
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.716151413
wavelet-HLL	glszm	SizeZoneNonUniformity	70.8989899
wavelet-HLL	glszm	GrayLevelNonUniformity	2.757575758
wavelet-HLL	glszm	LargeAreaEmphasis	1.838383838
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	702.627385
wavelet-HLL	glszm	ZonePercentage	0.81147541
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016026432
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1595.949495
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	829.8080808
wavelet-HLL	glszm	SmallAreaEmphasis	0.868967452
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.014211073
wavelet-HLL	glszm	ZoneEntropy	5.568158135
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013928693
wavelet-HLL	ngtdm	Coarseness	0.045029802
wavelet-HLL	ngtdm	Complexity	6230.117591
wavelet-HLL	ngtdm	Strength	38.61062351
wavelet-HLL	ngtdm	Contrast	1.097728688
wavelet-HLL	ngtdm	Busyness	0.024716887
wavelet-LHL	gldm	GrayLevelVariance	216.8272642
wavelet-LHL	gldm	HighGrayLevelEmphasis	947.1557377
wavelet-LHL	gldm	DependenceEntropy	5.915374198
wavelet-LHL	gldm	DependenceNonUniformity	58.37704918
wavelet-LHL	gldm	GrayLevelNonUniformity	3.540983607
wavelet-LHL	gldm	SmallDependenceEmphasis	0.690004554
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	707.3261043
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.478500403
wavelet-LHL	gldm	LargeDependenceEmphasis	2.606557377
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.072041022
wavelet-LHL	gldm	DependenceVariance	0.429723193
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2178.07377
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006832468
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.019773363
wavelet-LHL	glcm	JointAverage	26.2097841
wavelet-LHL	glcm	SumAverage	52.4195682
wavelet-LHL	glcm	JointEntropy	7.180165173
wavelet-LHL	glcm	ClusterShade	13842.27036
wavelet-LHL	glcm	MaximumProbability	0.013338882
wavelet-LHL	glcm	ldmn	0.961106069
wavelet-LHL	glcm	JointEnergy	0.00712487
wavelet-LHL	glcm	Contrast	307.461948
wavelet-LHL	glcm	DifferenceEntropy	4.512352275

wavelet-LHL	glcm	InverseVariance	0.097495735
wavelet-LHL	glcm	DifferenceVariance	141.8119826
wavelet-LHL	glcm	Idn	0.87745966
wavelet-LHL	glcm	Idm	0.088082496
wavelet-LHL	glcm	Correlation	0.252407419
wavelet-LHL	glcm	Autocorrelation	746.3475527
wavelet-LHL	glcm	SumEntropy	5.429220322
wavelet-LHL	glcm	SumSquares	212.3750701
wavelet-LHL	glcm	ClusterProminence	1415930.876
wavelet-LHL	glcm	Imc2	0.999396143
wavelet-LHL	glcm	Imc1	-0.640153025
wavelet-LHL	glcm	DifferenceAverage	12.49654275
wavelet-LHL	glcm	Id	0.164685127
wavelet-LHL	glcm	ClusterTendency	542.0383326
wavelet-LHL	firstorder	InterquartileRange	402.9098123
wavelet-LHL	firstorder	Skewness	1.182595131
wavelet-LHL	firstorder	Uniformity	0.029024456
wavelet-LHL	firstorder	Median	-51.84487716
wavelet-LHL	firstorder	Energy	16518056.68
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	167.3616629
wavelet-LHL	firstorder	MeanAbsoluteDeviation	271.1228674
wavelet-LHL	firstorder	TotalEnergy	445987530.5
wavelet-LHL	firstorder	Maximum	1300.462994
wavelet-LHL	firstorder	RootMeanSquared	367.9591108
wavelet-LHL	firstorder	90Percentile	430.9343405
wavelet-LHL	firstorder	Minimum	-665.509618
wavelet-LHL	firstorder	Entropy	5.318760163
wavelet-LHL	firstorder	Range	1965.972612
wavelet-LHL	firstorder	Variance	135275.5806
wavelet-LHL	firstorder	10Percentile	-402.5625566
wavelet-LHL	firstorder	Kurtosis	4.971433862
wavelet-LHL	firstorder	Mean	-10.87780589
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.018940071
wavelet-LHL	glrlm	GrayLevelVariance	218.7629791
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.019457216
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.028871232
wavelet-LHL	glrlm	RunVariance	0.018259567
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.457796941
wavelet-LHL	glrlm	LongRunEmphasis	1.05664866
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	939.557879
wavelet-LHL	glrlm	RunLengthNonUniformity	115.4535782
wavelet-LHL	glrlm	ShortRunEmphasis	0.985837835
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	994.1640788
wavelet-LHL	glrlm	RunPercentage	0.981715006
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.021525792
wavelet-LHL	glrlm	RunEntropy	5.372801925
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	950.479119
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.963480865
wavelet-LHL	glszm	GrayLevelVariance	243.6558449
wavelet-LHL	glszm	ZoneVariance	0.350803324
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027368421
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.631024931
wavelet-LHL	glszm	SizeZoneNonUniformity	59.94736842
wavelet-LHL	glszm	GrayLevelNonUniformity	2.6
wavelet-LHL	glszm	LargeAreaEmphasis	2
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	857.4138158

wavelet-LHL	glszm	ZonePercentage	0.778688525
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.047800282
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1768.410526
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	996.1473684
wavelet-LHL	glszm	SmallAreaEmphasis	0.820906433
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.014289299
wavelet-LHL	glszm	ZoneEntropy	5.800177551
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006006698
wavelet-LHL	ngtdm	Coarseness	0.040470385
wavelet-LHL	ngtdm	Complexity	9782.702494
wavelet-LHL	ngtdm	Strength	56.08966047
wavelet-LHL	ngtdm	Contrast	1.630874495
wavelet-LHL	ngtdm	Busyness	0.027211551
wavelet-LHH	gldm	GrayLevelVariance	65.48830959
wavelet-LHH	gldm	HighGrayLevelEmphasis	679.0655738
wavelet-LHH	gldm	DependenceEntropy	5.744931678
wavelet-LHH	gldm	DependenceNonUniformity	40.62295082
wavelet-LHH	gldm	GrayLevelNonUniformity	6.262295082
wavelet-LHH	gldm	SmallDependenceEmphasis	0.557252833
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	391.6485499
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.332975007
wavelet-LHH	gldm	LargeDependenceEmphasis	5.540983607
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020186518
wavelet-LHH	gldm	DependenceVariance	1.671056168
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3287.491803
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010546033
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.011382407
wavelet-LHH	glcm	JointAverage	24.6713861
wavelet-LHH	glcm	SumAverage	49.3427722
wavelet-LHH	glcm	JointEntropy	6.962879228
wavelet-LHH	glcm	ClusterShade	-27.6197256
wavelet-LHH	glcm	MaximumProbability	0.02586682
wavelet-LHH	glcm	ldmn	0.942958983
wavelet-LHH	glcm	JointEnergy	0.008875674
wavelet-LHH	glcm	Contrast	144.7340275
wavelet-LHH	glcm	DifferenceEntropy	4.226987929
wavelet-LHH	glcm	InverseVariance	0.138962755
wavelet-LHH	glcm	DifferenceVariance	61.12674508
wavelet-LHH	glcm	ldn	0.851603911
wavelet-LHH	glcm	ldm	0.141206067
wavelet-LHH	glcm	Correlation	0.000535619
wavelet-LHH	glcm	Autocorrelation	608.3418825
wavelet-LHH	glcm	SumEntropy	4.962786709
wavelet-LHH	glcm	SumSquares	71.93646185
wavelet-LHH	glcm	ClusterProminence	84128.18186
wavelet-LHH	glcm	lmc2	0.995292785
wavelet-LHH	glcm	lmc1	-0.505273818
wavelet-LHH	glcm	DifferenceAverage	8.882507211
wavelet-LHH	glcm	ld	0.221017562
wavelet-LHH	glcm	ClusterTendency	143.01182
wavelet-LHH	firstorder	InterquartileRange	220.6837688
wavelet-LHH	firstorder	Skewness	-0.062016095
wavelet-LHH	firstorder	Uniformity	0.051330288
wavelet-LHH	firstorder	Median	-25.49571995
wavelet-LHH	firstorder	Energy	4947892.709
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	95.54967066

wavelet-LHH	firstorder	MeanAbsoluteDeviation	152.6557119
wavelet-LHH	firstorder	TotalEnergy	133593103.1
wavelet-LHH	firstorder	Maximum	500.1451856
wavelet-LHH	firstorder	RootMeanSquared	201.3864385
wavelet-LHH	firstorder	90Percentile	263.3746287
wavelet-LHH	firstorder	Minimum	-597.1057039
wavelet-LHH	firstorder	Entropy	4.66157409
wavelet-LHH	firstorder	Range	1097.25089
wavelet-LHH	firstorder	Variance	40515.72497
wavelet-LHH	firstorder	10Percentile	-214.1551374
wavelet-LHH	firstorder	Kurtosis	3.720918489
wavelet-LHH	firstorder	Mean	6.385345829
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011698846
wavelet-LHH	glrlm	GrayLevelVariance	67.09597433
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.011751234
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.049571363
wavelet-LHH	glrlm	RunVariance	0.043709908
wavelet-LHH	glrlm	GrayLevelNonUniformity	5.824226516
wavelet-LHH	glrlm	LongRunEmphasis	1.123624433
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	665.4379499
wavelet-LHH	glrlm	RunLengthNonUniformity	109.5107532
wavelet-LHH	glrlm	ShortRunEmphasis	0.972765568
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	755.9575464
wavelet-LHH	glrlm	RunPercentage	0.962799496
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.011989663
wavelet-LHH	glrlm	RunEntropy	4.813193542
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	682.0398872
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.931689141
wavelet-LHH	glszm	GrayLevelVariance	85.34467456
wavelet-LHH	glszm	ZoneVariance	2.374095989
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.039447732
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.552596976
wavelet-LHH	glszm	SizeZoneNonUniformity	43.1025641
wavelet-LHH	glszm	GrayLevelNonUniformity	3.076923077
wavelet-LHH	glszm	LargeAreaEmphasis	4.820512821
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	545.9129937
wavelet-LHH	glszm	ZonePercentage	0.639344262
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.024153165
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2886.538462
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	708.4230769
wavelet-LHH	glszm	SmallAreaEmphasis	0.771044522
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016714736
wavelet-LHH	glszm	ZoneEntropy	5.474066161
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016299551
wavelet-LHH	ngtdm	Coarseness	0.039663513
wavelet-LHH	ngtdm	Complexity	3072.780616
wavelet-LHH	ngtdm	Strength	18.07416608
wavelet-LHH	ngtdm	Contrast	0.735390252
wavelet-LHH	ngtdm	Busyness	0.034096071
wavelet-LLH	gldm	GrayLevelVariance	111.0679925
wavelet-LLH	gldm	HighGrayLevelEmphasis	983.7377049
wavelet-LLH	gldm	DependenceEntropy	5.708126555
wavelet-LLH	gldm	DependenceNonUniformity	47.54098361
wavelet-LLH	gldm	GrayLevelNonUniformity	4.180327869
wavelet-LLH	gldm	SmallDependenceEmphasis	0.628458561
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	655.631719

wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.389680193
wavelet-LLH	gldm	LargeDependenceEmphasis	3.770491803
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.014213115
wavelet-LLH	gldm	DependenceVariance	0.863746305
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3145.295082
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009491167
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010027133
wavelet-LLH	glcm	JointAverage	28.87866849
wavelet-LLH	glcm	SumAverage	57.75733698
wavelet-LLH	glcm	JointEntropy	7.098348663
wavelet-LLH	glcm	ClusterShade	1892.505691
wavelet-LLH	glcm	MaximumProbability	0.01853045
wavelet-LLH	glcm	Idmn	0.959684711
wavelet-LLH	glcm	JointEnergy	0.007737413
wavelet-LLH	glcm	Contrast	155.34126
wavelet-LLH	glcm	DifferenceEntropy	4.29425131
wavelet-LLH	glcm	InverseVariance	0.103265112
wavelet-LLH	glcm	DifferenceVariance	59.72145919
wavelet-LLH	glcm	Idn	0.868608538
wavelet-LLH	glcm	Idm	0.107803429
wavelet-LLH	glcm	Correlation	0.246086436
wavelet-LLH	glcm	Autocorrelation	859.4421384
wavelet-LLH	glcm	SumEntropy	5.231423038
wavelet-LLH	glcm	SumSquares	103.011746
wavelet-LLH	glcm	ClusterProminence	199995.3609
wavelet-LLH	glcm	Imc2	0.998681044
wavelet-LLH	glcm	Imc1	-0.592359125
wavelet-LLH	glcm	DifferenceAverage	9.608689085
wavelet-LLH	glcm	Id	0.190782886
wavelet-LLH	glcm	ClusterTendency	256.7057239
wavelet-LLH	firstorder	InterquartileRange	342.5408142
wavelet-LLH	firstorder	Skewness	0.104864386
wavelet-LLH	firstorder	Uniformity	0.034264983
wavelet-LLH	firstorder	Median	-48.84483243
wavelet-LLH	firstorder	Energy	8587792.244
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	151.4549585
wavelet-LLH	firstorder	MeanAbsoluteDeviation	214.7196367
wavelet-LLH	firstorder	TotalEnergy	231870390.6
wavelet-LLH	firstorder	Maximum	688.2551716
wavelet-LLH	firstorder	RootMeanSquared	265.3144167
wavelet-LLH	firstorder	90Percentile	330.0767696
wavelet-LLH	firstorder	Minimum	-730.0426139
wavelet-LLH	firstorder	Entropy	5.099291055
wavelet-LLH	firstorder	Range	1418.297786
wavelet-LLH	firstorder	Variance	69782.3359
wavelet-LLH	firstorder	10Percentile	-364.8430019
wavelet-LLH	firstorder	Kurtosis	2.700403093
wavelet-LLH	firstorder	Mean	-24.68610552
wavelet-LLH	gllm	ShortRunLowGrayLevelEmphasis	0.010236258
wavelet-LLH	gllm	GrayLevelVariance	112.8553474
wavelet-LLH	gllm	LowGrayLevelRunEmphasis	0.010266415
wavelet-LLH	gllm	GrayLevelNonUniformityNormalized	0.033560153
wavelet-LLH	gllm	RunVariance	0.029675328
wavelet-LLH	gllm	GrayLevelNonUniformity	3.983272167
wavelet-LLH	gllm	LongRunEmphasis	1.086651632
wavelet-LLH	gllm	ShortRunHighGrayLevelEmphasis	971.7639878

wavelet-LLH	glrlm	RunLengthNonUniformity	112.5860509
wavelet-LLH	glrlm	ShortRunEmphasis	0.979779856
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1059.038932
wavelet-LLH	glrlm	RunPercentage	0.972887768
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.010394959
wavelet-LLH	glrlm	RunEntropy	5.19746939
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	988.3775566
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.948273356
wavelet-LLH	glszm	GrayLevelVariance	135.9913467
wavelet-LLH	glszm	ZoneVariance	1.452677123
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030286641
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.620876149
wavelet-LLH	glszm	SizeZoneNonUniformity	53.39534884
wavelet-LLH	glszm	GrayLevelNonUniformity	2.604651163
wavelet-LLH	glszm	LargeAreaEmphasis	3.465116279
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	860.462068
wavelet-LLH	glszm	ZonePercentage	0.704918033
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.017376115
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2887.604651
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1041.581395
wavelet-LLH	glszm	SmallAreaEmphasis	0.815247721
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.013610269
wavelet-LLH	glszm	ZoneEntropy	5.526449894
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013355856
wavelet-LLH	ngtdm	Coarseness	0.045054111
wavelet-LLH	ngtdm	Complexity	4585.805075
wavelet-LLH	ngtdm	Strength	28.7102018
wavelet-LLH	ngtdm	Contrast	0.916989989
wavelet-LLH	ngtdm	Busyness	0.024166057
wavelet-LLL	gldm	GrayLevelVariance	943.9696318
wavelet-LLL	gldm	HighGrayLevelEmphasis	4599.262295
wavelet-LLL	gldm	DependenceEntropy	6.19889953
wavelet-LLL	gldm	DependenceNonUniformity	76.68852459
wavelet-LLL	gldm	GrayLevelNonUniformity	2.196721311
wavelet-LLL	gldm	SmallDependenceEmphasis	0.821038251
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3255.288251
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.628594464
wavelet-LLL	gldm	LargeDependenceEmphasis	1.93442623
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01299453
wavelet-LLL	gldm	DependenceVariance	0.299381887
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11902.59016
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012675878
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.012734539
wavelet-LLL	glcm	JointAverage	68.44360173
wavelet-LLL	glcm	SumAverage	136.8872035
wavelet-LLL	glcm	JointEntropy	7.242605502
wavelet-LLL	glcm	ClusterShade	-58277.80065
wavelet-LLL	glcm	MaximumProbability	0.012838394
wavelet-LLL	glcm	Idmn	0.928240283
wavelet-LLL	glcm	JointEnergy	0.006732961
wavelet-LLL	glcm	Contrast	1079.661844
wavelet-LLL	glcm	DifferenceEntropy	5.217870615
wavelet-LLL	glcm	InverseVariance	0.044311944
wavelet-LLL	glcm	DifferenceVariance	380.2480918
wavelet-LLL	glcm	Idn	0.826131782
wavelet-LLL	glcm	Idm	0.043934926

wavelet-LLL	glcm	Correlation	0.401763525
wavelet-LLL	glcm	Autocorrelation	5052.050478
wavelet-LLL	glcm	SumEntropy	5.903376371
wavelet-LLL	glcm	SumSquares	904.5079671
wavelet-LLL	glcm	ClusterProminence	15616279.33
wavelet-LLL	glcm	Imc2	0.999931377
wavelet-LLL	glcm	Imc1	-0.761781348
wavelet-LLL	glcm	DifferenceAverage	26.05257083
wavelet-LLL	glcm	Id	0.097057625
wavelet-LLL	glcm	ClusterTendency	2538.370024
wavelet-LLL	firstorder	InterquartileRange	1329.427205
wavelet-LLL	firstorder	Skewness	-0.153338114
wavelet-LLL	firstorder	Uniformity	0.018005912
wavelet-LLL	firstorder	Median	-825.4245221
wavelet-LLL	firstorder	Energy	160322084.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	495.7704683
wavelet-LLL	firstorder	MeanAbsoluteDeviation	646.3752958
wavelet-LLL	firstorder	TotalEnergy	4328696285
wavelet-LLL	firstorder	Maximum	402.1078299
wavelet-LLL	firstorder	RootMeanSquared	1146.348746
wavelet-LLL	firstorder	90Percentile	145.8553499
wavelet-LLL	firstorder	Minimum	-2329.581665
wavelet-LLL	firstorder	Entropy	5.980627477
wavelet-LLL	firstorder	Range	2731.689495
wavelet-LLL	firstorder	Variance	590883.3594
wavelet-LLL	firstorder	10Percentile	-1892.183472
wavelet-LLL	firstorder	Kurtosis	1.93567631
wavelet-LLL	firstorder	Mean	-850.4305312
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012869015
wavelet-LLL	glrlm	GrayLevelVariance	942.06379
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.012871404
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalzied	0.017923474
wavelet-LLL	glrlm	RunVariance	0.012024185
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.163337044
wavelet-LLL	glrlm	LongRunEmphasis	1.034320586
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4505.424801
wavelet-LLL	glrlm	RunLengthNonUniformity	118.284066
wavelet-LLL	glrlm	ShortRunEmphasis	0.992150367
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4832.67597
wavelet-LLL	glrlm	RunPercentage	0.989281211
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.012881253
wavelet-LLL	glrlm	RunEntropy	6.003424782
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4565.030927
wavelet-LLL	glrlm	RunLengthNonUniformityNormalzied	0.979761538
wavelet-LLL	glszm	GrayLevelVariance	909.3856355
wavelet-LLL	glszm	ZoneVariance	0.22249911
wavelet-LLL	glszm	GrayLevelNonUniformityNormalzied	0.017087932
wavelet-LLL	glszm	SizeZoneNonUniformityNormalzied	0.794054824
wavelet-LLL	glszm	SizeZoneNonUniformity	84.16981132
wavelet-LLL	glszm	GrayLevelNonUniformity	1.811320755
wavelet-LLL	glszm	LargeAreaEmphasis	1.547169811
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3490.520178
wavelet-LLL	glszm	ZonePercentage	0.868852459
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.014760711
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8449.433962
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4142.273585



wavelet-LLL	glszm	SmallAreaEmphasis	0.910704927
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014610117
wavelet-LLL	glszm	ZoneEntropy	6.156889087
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014577945
wavelet-LLL	ngtdm	Coarseness	0.025610308
wavelet-LLL	ngtdm	Complexity	55199.84358
wavelet-LLL	ngtdm	Strength	127.230951
wavelet-LLL	ngtdm	Contrast	6.690510053
wavelet-LLL	ngtdm	Busyness	0.010552903
wavelet-HHL	gldm	GrayLevelVariance	26.26740124
wavelet-HHL	gldm	HighGrayLevelEmphasis	544.0163934
wavelet-HHL	gldm	DependenceEntropy	5.364763314
wavelet-HHL	gldm	DependenceNonUniformity	37.45901639
wavelet-HHL	gldm	GrayLevelNonUniformity	8.426229508
wavelet-HHL	gldm	SmallDependenceEmphasis	0.526641621
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	305.7519854
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.307041118
wavelet-HHL	gldm	LargeDependenceEmphasis	5.295081967
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018930113
wavelet-HHL	gldm	DependenceVariance	1.295081967
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2776.786885
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009426807
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010418673
wavelet-HHL	glcm	JointAverage	22.86432979
wavelet-HHL	glcm	SumAverage	45.72865957
wavelet-HHL	glcm	JointEntropy	6.711704321
wavelet-HHL	glcm	ClusterShade	-38.82241216
wavelet-HHL	glcm	MaximumProbability	0.02699098
wavelet-HHL	glcm	ldmn	0.967628958
wavelet-HHL	glcm	JointEnergy	0.0108766
wavelet-HHL	glcm	Contrast	47.81512246
wavelet-HHL	glcm	DifferenceEntropy	3.646420629
wavelet-HHL	glcm	InverseVariance	0.19669575
wavelet-HHL	glcm	DifferenceVariance	19.99846105
wavelet-HHL	glcm	ldn	0.882147986
wavelet-HHL	glcm	ldm	0.180011213
wavelet-HHL	glcm	Correlation	-0.002707962
wavelet-HHL	glcm	Autocorrelation	522.7331982
wavelet-HHL	glcm	SumEntropy	4.394137524
wavelet-HHL	glcm	SumSquares	23.82736599
wavelet-HHL	glcm	ClusterProminence	9477.748712
wavelet-HHL	glcm	lmc2	0.977827423
wavelet-HHL	glcm	lmc1	-0.381522708
wavelet-HHL	glcm	DifferenceAverage	5.241349925
wavelet-HHL	glcm	ld	0.272667366
wavelet-HHL	glcm	ClusterTendency	47.49434151
wavelet-HHL	firstorder	InterquartileRange	136.7634555
wavelet-HHL	firstorder	Skewness	-0.436668417
wavelet-HHL	firstorder	Uniformity	0.069067455
wavelet-HHL	firstorder	Median	7.952850323
wavelet-HHL	firstorder	Energy	1997743.019
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	55.58440441
wavelet-HHL	firstorder	MeanAbsoluteDeviation	92.41093609
wavelet-HHL	firstorder	TotalEnergy	53939061.52
wavelet-HHL	firstorder	Maximum	334.6587816
wavelet-HHL	firstorder	RootMeanSquared	127.9646153

wavelet-HHL	firstorder	90Percentile	154.7891977
wavelet-HHL	firstorder	Minimum	-528.6417458
wavelet-HHL	firstorder	Entropy	4.180340976
wavelet-HHL	firstorder	Range	863.3005274
wavelet-HHL	firstorder	Variance	16343.52485
wavelet-HHL	firstorder	10Percentile	-124.3544634
wavelet-HHL	firstorder	Kurtosis	5.365500586
wavelet-HHL	firstorder	Mean	5.605169642
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.010699251
wavelet-HHL	grlm	GrayLevelVariance	27.13560739
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.010756458
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.067328327
wavelet-HHL	grlm	RunVariance	0.046367105
wavelet-HHL	grlm	GrayLevelNonUniformity	7.899358916
wavelet-HHL	grlm	LongRunEmphasis	1.128667769
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	530.8759803
wavelet-HHL	grlm	RunLengthNonUniformity	109.0305875
wavelet-HHL	grlm	ShortRunEmphasis	0.971922478
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	611.7463873
wavelet-HHL	grlm	RunPercentage	0.961538462
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.011014706
wavelet-HHL	grlm	RunEntropy	4.362213563
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	545.2184843
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.929100451
wavelet-HHL	glszm	GrayLevelVariance	40.09420154
wavelet-HHL	glszm	ZoneVariance	2.576843685
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.054606868
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.542127979
wavelet-HHL	glszm	SizeZoneNonUniformity	39.57534247
wavelet-HHL	glszm	GrayLevelNonUniformity	3.98630137
wavelet-HHL	glszm	LargeAreaEmphasis	5.369863014
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	452.4805978
wavelet-HHL	glszm	ZonePercentage	0.598360656
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.024536131
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2875.041096
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	567.2054795
wavelet-HHL	glszm	SmallAreaEmphasis	0.762341874
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.01603318
wavelet-HHL	glszm	ZoneEntropy	5.151599217
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015503108
wavelet-HHL	ngtdm	Coarseness	0.051497674
wavelet-HHL	ngtdm	Complexity	1080.350747
wavelet-HHL	ngtdm	Strength	11.85470323
wavelet-HHL	ngtdm	Contrast	0.28393171
wavelet-HHL	ngtdm	Busyness	0.030845256
wavelet-HLH	gldm	GrayLevelVariance	48.11509003
wavelet-HLH	gldm	HighGrayLevelEmphasis	441.9098361
wavelet-HLH	gldm	DependenceEntropy	5.538427994
wavelet-HLH	gldm	DependenceNonUniformity	41.98360656
wavelet-HLH	gldm	GrayLevelNonUniformity	6.606557377
wavelet-HLH	gldm	SmallDependenceEmphasis	0.582923497
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	287.77352
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.344127923
wavelet-HLH	gldm	LargeDependenceEmphasis	4.737704918
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025609251
wavelet-HLH	gldm	DependenceVariance	1.183552808

wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1763.745902
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011139588
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.012701255
wavelet-HLH	glcm	JointAverage	19.79446129
wavelet-HLH	glcm	SumAverage	39.58892257
wavelet-HLH	glcm	JointEntropy	6.885371482
wavelet-HLH	glcm	ClusterShade	330.7984682
wavelet-HLH	glcm	MaximumProbability	0.027050168
wavelet-HLH	glcm	ldmn	0.950352433
wavelet-HLH	glcm	JointEnergy	0.009532552
wavelet-HLH	glcm	Contrast	97.48248012
wavelet-HLH	glcm	DifferenceEntropy	4.02020846
wavelet-HLH	glcm	InverseVariance	0.157137325
wavelet-HLH	glcm	DifferenceVariance	41.70396217
wavelet-HLH	glcm	ldn	0.859744172
wavelet-HLH	glcm	ldm	0.148404032
wavelet-HLH	glcm	Correlation	-0.022322085
wavelet-HLH	glcm	Autocorrelation	390.7118998
wavelet-HLH	glcm	SumEntropy	4.722052429
wavelet-HLH	glcm	SumSquares	47.60775528
wavelet-HLH	glcm	ClusterProminence	35666.00437
wavelet-HLH	glcm	lmc2	0.991261536
wavelet-HLH	glcm	lmc1	-0.456616919
wavelet-HLH	glcm	DifferenceAverage	7.314392341
wavelet-HLH	glcm	ld	0.234836482
wavelet-HLH	glcm	ClusterTendency	92.94854101
wavelet-HLH	firstorder	InterquartileRange	188.8725365
wavelet-HLH	firstorder	Skewness	0.293519768
wavelet-HLH	firstorder	Uniformity	0.05415211
wavelet-HLH	firstorder	Median	-3.829825034
wavelet-HLH	firstorder	Energy	3622368.995
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	76.5131122
wavelet-HLH	firstorder	MeanAbsoluteDeviation	127.2858079
wavelet-HLH	firstorder	TotalEnergy	97803962.87
wavelet-HLH	firstorder	Maximum	507.7858319
wavelet-HLH	firstorder	RootMeanSquared	172.3123592
wavelet-HLH	firstorder	90Percentile	213.257313
wavelet-HLH	firstorder	Minimum	-468.326954
wavelet-HLH	firstorder	Entropy	4.497804793
wavelet-HLH	firstorder	Range	976.1127859
wavelet-HLH	firstorder	Variance	29598.09295
wavelet-HLH	firstorder	10Percentile	-177.2342147
wavelet-HLH	firstorder	Kurtosis	3.877856329
wavelet-HLH	firstorder	Mean	9.667274378
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012936764
wavelet-HLH	glrlm	GrayLevelVariance	49.25301019
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.01302708
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.053189582
wavelet-HLH	glrlm	RunVariance	0.039332998
wavelet-HLH	glrlm	GrayLevelNonUniformity	6.268626772
wavelet-HLH	glrlm	LongRunEmphasis	1.11241741
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	435.8999046
wavelet-HLH	glrlm	RunLengthNonUniformity	110.4486351
wavelet-HLH	glrlm	ShortRunEmphasis	0.974890485
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	485.138224
wavelet-HLH	glrlm	RunPercentage	0.965952081

wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.013425859
wavelet-HLH	glrlm	RunEntropy	4.636333679
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	444.8986978
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.936597552
wavelet-HLH	glszm	GrayLevelVariance	64.22359375
wavelet-HLH	glszm	ZoneVariance	1.399375
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.04375
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.598125
wavelet-HLH	glszm	SizeZoneNonUniformity	47.85
wavelet-HLH	glszm	GrayLevelNonUniformity	3.5
wavelet-HLH	glszm	LargeAreaEmphasis	3.725
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	404.7909252
wavelet-HLH	glszm	ZonePercentage	0.655737705
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.026747925
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1447.5875
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	482.9375
wavelet-HLH	glszm	SmallAreaEmphasis	0.798216908
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.017465124
wavelet-HLH	glszm	ZoneEntropy	5.281198333
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016646473
wavelet-HLH	ngtdm	Coarseness	0.046047637
wavelet-HLH	ngtdm	Complexity	1974.82898
wavelet-HLH	ngtdm	Strength	14.70107679
wavelet-HLH	ngtdm	Contrast	0.583938197
wavelet-HLH	ngtdm	Busyness	0.041893523

Image type	Feature Class	Feature Name	Value
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	4c3e2c92400da13306dbc0b6207468ef06f50
general	info	ImageHash	9e3
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	285a489b0c7823a9f6b5f973c66816a1bdfca3
general	info	NumpyVersion	a4
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	33.13608305
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original	shape	MinorAxis	0.835047757
original	shape	Elongation	23.64686029
original	shape	SurfaceVolumeRatio	0.779182243
original	shape	Volume	0.273923237
original	shape	MajorAxis	9450
original	shape	SurfaceArea	30.3483049
original	shape	Flatness	2588.574586
original	shape	LeastAxis	0.617298115
original	shape	Maximum2DDiameterColumn	18.7339514
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original	gldm	GrayLevelVariance	31.89043744
original	gldm	HighGrayLevelEmphasis	137.9642857
original	gldm	DependenceEntropy	600.2142857
original	gldm	DependenceNonUniformity	6.370566586
original	gldm	GrayLevelNonUniformity	80.93714286
original	gldm	SmallDependenceEmphasis	17.51428571
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.465316735
original	gldm	DependenceNonUniformityNormalized	184.2932419
original	gldm	LargeDependenceEmphasis	0.23124898
original	gldm	LargeDependenceLowGrayLevelEmphasis	18.23428571
original	gldm	DependenceVariance	0.058863616
original	gldm	LargeDependenceHighGrayLevelEmphasis	8.535510204
original	gldm	LargeDependenceHighGrayLevelEmphasis	19697.98571

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.009949998
original	gldm	LowGrayLevelEmphasis	0.015294326
original	glcm	JointAverage	24.10578529
original	glcm	SumAverage	48.21157059
original	glcm	JointEntropy	7.672531616
original	glcm	ClusterShade	-3685.474702
original	glcm	MaximumProbability	0.051742674
original	glcm	Idmn	0.931482717
original	glcm	JointEnergy	0.009877132
original	glcm	Contrast	121.0666823
original	glcm	DifferenceEntropy	4.238805369
original	glcm	InverseVariance	0.21234582
original	glcm	DifferenceVariance	60.52861838
original	glcm	Idn	0.85120518
original	glcm	Idm	0.231965789
original	glcm	Correlation	0.510923141
original	glcm	Autocorrelation	646.1054243
original	glcm	SumEntropy	5.526565341
original	glcm	SumSquares	125.152541
original	glcm	ClusterProminence	271499.2232
original	glcm	Imc2	0.973294513
original	glcm	Imc1	-0.323434915
original	glcm	DifferenceAverage	7.671541729
original	glcm	Id	0.299661382
original	glcm	ClusterTendency	379.5434818
original	firstorder	InterquartileRange	610.25
original	firstorder	Skewness	-0.203598741
original	firstorder	Uniformity	0.050040816
original	firstorder	Median	-233.5
original	firstorder	Energy	61629521
original	firstorder	RobustMeanAbsoluteDeviation	241.9128564
original	firstorder	MeanAbsoluteDeviation	271.5133878
original	firstorder	TotalEnergy	1663997067
original	firstorder	Maximum	84
original	firstorder	RootMeanSquared	419.6240528
original	firstorder	90Percentile	30
original	firstorder	Minimum	-821
original	firstorder	Entropy	4.752615856
original	firstorder	Range	905
original	firstorder	Variance	85766.92347
original	firstorder	10Percentile	-688.2
original	firstorder	Kurtosis	1.404292532
original	firstorder	Mean	-300.5285714
original	gllm	ShortRunLowGrayLevelEmphasis	0.01592539
original	gllm	GrayLevelVariance	135.0060381
original	gllm	LowGrayLevelRunEmphasis	0.016233518
original	gllm	GrayLevelNonUniformityNormalized	0.043202367
original	gllm	RunVariance	0.11006474
original	gllm	GrayLevelNonUniformity	13.89479721
original	gllm	LongRunEmphasis	1.296089233
original	gllm	ShortRunHighGrayLevelEmphasis	505.3315777
original	gllm	RunLengthNonUniformity	276.2488578
original	gllm	ShortRunEmphasis	0.941466956

original	glrlm	LongRunHighGrayLevelEmphasis	868.7726574
original	glrlm	RunPercentage	0.918681319
original	glrlm	LongRunLowGrayLevelEmphasis	0.017518537
original	glrlm	RunEntropy	5.134242432
original	glrlm	HighGrayLevelRunEmphasis	563.3764148
original	glrlm	RunLengthNonUniformityNormalized	0.85872938
original	glszm	GrayLevelVariance	100.4976298
original	glszm	ZoneVariance	17.21181639
original	glszm	GrayLevelNonUniformityNormalized	0.035264192
original	glszm	SizeZoneNonUniformityNormalized	0.557983582
original	glszm	SizeZoneNonUniformity	103.7849462
original	glszm	GrayLevelNonUniformity	6.559139785
original	glszm	LargeAreaEmphasis	20.75268817
original	glszm	SmallAreaHighGrayLevelEmphasis	295.0853792
original	glszm	ZonePercentage	0.531428571
original	glszm	LargeAreaLowGrayLevelEmphasis	0.066927371
original	glszm	LargeAreaHighGrayLevelEmphasis	22280.01613
original	glszm	HighGrayLevelZoneEmphasis	398.7096774
original	glszm	SmallAreaEmphasis	0.773964731
original	glszm	LowGrayLevelZoneEmphasis	0.02108792
original	glszm	ZoneEntropy	5.784008146
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017164169
original	ngtdm	Coarseness	0.01134038
original	ngtdm	Complexity	3446.026476
original	ngtdm	Strength	9.517540963
original	ngtdm	Contrast	1.188260428
original	ngtdm	Busyness	0.095344958
wavelet-HHH	gldm	GrayLevelVariance	10.8031102
wavelet-HHH	gldm	HighGrayLevelEmphasis	252.1171429
wavelet-HHH	gldm	DependenceEntropy	5.881962227
wavelet-HHH	gldm	DependenceNonUniformity	57.14857143
wavelet-HHH	gldm	GrayLevelNonUniformity	38.32571429
wavelet-HHH	gldm	SmallDependenceEmphasis	0.338365341
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	92.32120115
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.163281633
wavelet-HHH	gldm	LargeDependenceEmphasis	19.50857143
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.086659499
wavelet-HHH	gldm	DependenceVariance	7.198497959
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4718.894286
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004924157
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007914438
wavelet-HHH	glcm	JointAverage	15.52115051
wavelet-HHH	glcm	SumAverage	31.04230101
wavelet-HHH	glcm	JointEntropy	6.502223788
wavelet-HHH	glcm	ClusterShade	-5.139220321
wavelet-HHH	glcm	MaximumProbability	0.05614627
wavelet-HHH	glcm	Idmn	0.976580747
wavelet-HHH	glcm	JointEnergy	0.017931363
wavelet-HHH	glcm	Contrast	19.30099582
wavelet-HHH	glcm	DifferenceEntropy	3.171912396
wavelet-HHH	glcm	InverseVariance	0.297347966
wavelet-HHH	glcm	DifferenceVariance	9.198524639
wavelet-HHH	glcm	Idn	0.903424749

wavelet-HHH	glcm	Idm	0.304559224
wavelet-HHH	glcm	Correlation	-0.03620386
wavelet-HHH	glcm	Autocorrelation	240.5352664
wavelet-HHH	glcm	SumEntropy	3.949863885
wavelet-HHH	glcm	SumSquares	9.276610358
wavelet-HHH	glcm	ClusterProminence	1725.421194
wavelet-HHH	glcm	Imc2	0.785189611
wavelet-HHH	glcm	Imc1	-0.138032461
wavelet-HHH	glcm	DifferenceAverage	3.152885538
wavelet-HHH	glcm	Id	0.386085495
wavelet-HHH	glcm	ClusterTendency	17.80544561
wavelet-HHH	firstorder	InterquartileRange	78.27281222
wavelet-HHH	firstorder	Skewness	-0.199799595
wavelet-HHH	firstorder	Uniformity	0.109502041
wavelet-HHH	firstorder	Median	0.24322208
wavelet-HHH	firstorder	Energy	2323797.395
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.95786317
wavelet-HHH	firstorder	MeanAbsoluteDeviation	58.21612441
wavelet-HHH	firstorder	TotalEnergy	62742529.66
wavelet-HHH	firstorder	Maximum	276.4321823
wavelet-HHH	firstorder	RootMeanSquared	81.48264311
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wavelet-HHH	firstorder	Entropy	3.612506141
wavelet-HHH	firstorder	Range	632.6455854
wavelet-HHH	firstorder	Variance	6638.306311
wavelet-HHH	firstorder	10Percentile	-91.00813338
wavelet-HHH	firstorder	Kurtosis	4.974489066
wavelet-HHH	firstorder	Mean	1.05584898
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007986881
wavelet-HHH	glrlm	GrayLevelVariance	11.69010822
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008296289
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.10034071
wavelet-HHH	glrlm	RunVariance	0.131019372
wavelet-HHH	glrlm	GrayLevelNonUniformity	31.74295635
wavelet-HHH	glrlm	LongRunEmphasis	1.357649785
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	236.3359449
wavelet-HHH	glrlm	RunLengthNonUniformity	263.2249222
wavelet-HHH	glrlm	ShortRunEmphasis	0.929183753
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	339.2866426
wavelet-HHH	glrlm	RunPercentage	0.903516484
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.009850153
wavelet-HHH	glrlm	RunEntropy	4.105093395
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	253.3750767
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.831759032
wavelet-HHH	glszm	GrayLevelVariance	22.672896
wavelet-HHH	glszm	ZoneVariance	59.824
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.066752
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.536256
wavelet-HHH	glszm	SizeZoneNonUniformity	67.032
wavelet-HHH	glszm	GrayLevelNonUniformity	8.344
wavelet-HHH	glszm	LargeAreaEmphasis	67.664
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	211.9075639



wavelet-HHH	glszm	ZonePercentage	0.357142857
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.29777373
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	16187.304
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	273.832
wavelet-HHH	glszm	SmallAreaEmphasis	0.756852256
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.014082526
wavelet-HHH	glszm	ZoneEntropy	5.247545127
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012896751
wavelet-HHH	ngtdm	Coarseness	0.020580067
wavelet-HHH	ngtdm	Complexity	547.9992854
wavelet-HHH	ngtdm	Strength	3.38337055
wavelet-HHH	ngtdm	Contrast	0.106102359
wavelet-HHH	ngtdm	Busyness	0.111680769
wavelet-HLL	gldm	GrayLevelVariance	78.60297143
wavelet-HLL	gldm	HighGrayLevelEmphasis	555.5885714
wavelet-HLL	gldm	DependenceEntropy	6.554693008
wavelet-HLL	gldm	DependenceNonUniformity	94.50285714
wavelet-HLL	gldm	GrayLevelNonUniformity	13.24571429
wavelet-HLL	gldm	SmallDependenceEmphasis	0.491271728
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	281.0825847
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.270008163
wavelet-HLL	gldm	LargeDependenceEmphasis	7.08
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046256145
wavelet-HLL	gldm	DependenceVariance	2.0624
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3603.457143
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004547597
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01045808
wavelet-HLL	glcm	JointAverage	21.48420346
wavelet-HLL	glcm	SumAverage	42.96840692
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wavelet-HLL	glcm	ClusterShade	2203.623373
wavelet-HLL	glcm	MaximumProbability	0.015301997
wavelet-HLL	glcm	ldmn	0.964473924
wavelet-HLL	glcm	JointEnergy	0.004046769
wavelet-HLL	glcm	Contrast	100.5767146
wavelet-HLL	glcm	DifferenceEntropy	4.200232458
wavelet-HLL	glcm	InverseVariance	0.156840501
wavelet-HLL	glcm	DifferenceVariance	44.68878378
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wavelet-HLL	glcm	ldm	0.1606472
wavelet-HLL	glcm	Correlation	0.348284744
wavelet-HLL	glcm	Autocorrelation	489.5546872
wavelet-HLL	glcm	SumEntropy	5.554126114
wavelet-HLL	glcm	SumSquares	78.240171
wavelet-HLL	glcm	ClusterProminence	163598.4844
wavelet-HLL	glcm	lmc2	0.982189705
wavelet-HLL	glcm	lmc1	-0.339543511
wavelet-HLL	glcm	DifferenceAverage	7.27367603
wavelet-HLL	glcm	ld	0.245815044
wavelet-HLL	glcm	ClusterTendency	212.3839694
wavelet-HLL	firstorder	InterquartileRange	261.8080283
wavelet-HLL	firstorder	Skewness	0.555920985
wavelet-HLL	firstorder	Uniformity	0.037844898

wavelet-HLL	firstorder	Median	-35.75135114
wavelet-HLL	firstorder	Energy	17238857.27
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	110.094173
wavelet-HLL	firstorder	MeanAbsoluteDeviation	168.890296
wavelet-HLL	firstorder	TotalEnergy	465449146.4
wavelet-HLL	firstorder	Maximum	658.8796816
wavelet-HLL	firstorder	RootMeanSquared	221.9321471
wavelet-HLL	firstorder	90Percentile	277.53847
wavelet-HLL	firstorder	Minimum	-542.8901127
wavelet-HLL	firstorder	Entropy	5.008817338
wavelet-HLL	firstorder	Range	1201.769794
wavelet-HLL	firstorder	Variance	48972.32829
wavelet-HLL	firstorder	10Percentile	-281.2241312
wavelet-HLL	firstorder	Kurtosis	3.409704155
wavelet-HLL	firstorder	Mean	-16.77944074
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.010310317
wavelet-HLL	grlm	GrayLevelVariance	79.7245809
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.010596495
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.037076116
wavelet-HLL	grlm	RunVariance	0.053646252
wavelet-HLL	grlm	GrayLevelNonUniformity	12.35850511
wavelet-HLL	grlm	LongRunEmphasis	1.157559135
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	538.8813276
wavelet-HLL	grlm	RunLengthNonUniformity	303.4895734
wavelet-HLL	grlm	ShortRunEmphasis	0.964016259
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	638.7849325
wavelet-HLL	grlm	RunPercentage	0.952307692
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.011784279
wavelet-HLL	grlm	RunEntropy	5.237930514
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	557.5416942
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.90992818
wavelet-HLL	glszm	GrayLevelVariance	92.17435897
wavelet-HLL	glszm	ZoneVariance	3.414332676
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032636423
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.534464168
wavelet-HLL	glszm	SizeZoneNonUniformity	104.2205128
wavelet-HLL	glszm	GrayLevelNonUniformity	6.364102564
wavelet-HLL	glszm	LargeAreaEmphasis	6.635897436
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	434.9941717
wavelet-HLL	glszm	ZonePercentage	0.557142857
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.043899622
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3324.194872
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	576.174359
wavelet-HLL	glszm	SmallAreaEmphasis	0.755681167
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.011136751
wavelet-HLL	glszm	ZoneEntropy	6.012125989
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006481124
wavelet-HLL	ngtdm	Coarseness	0.01958553
wavelet-HLL	ngtdm	Complexity	4160.904823
wavelet-HLL	ngtdm	Strength	14.03058004
wavelet-HLL	ngtdm	Contrast	0.384871211
wavelet-HLL	ngtdm	Busyness	0.055330914
wavelet-LHL	gldm	GrayLevelVariance	43.81244898

wavelet-LHL	gldm	HighGrayLevelEmphasis	598.7514286
wavelet-LHL	gldm	DependenceEntropy	6.36575259
wavelet-LHL	gldm	DependenceNonUniformity	89.84571429
wavelet-LHL	gldm	GrayLevelNonUniformity	16.09142857
wavelet-LHL	gldm	SmallDependenceEmphasis	0.452098252
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	283.533085
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.256702041
wavelet-LHL	gldm	LargeDependenceEmphasis	7.451428571
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018606089
wavelet-LHL	gldm	DependenceVariance	2.095510204
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4336.254286
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004182147
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005395744
wavelet-LHL	glcm	JointAverage	23.53637216
wavelet-LHL	glcm	SumAverage	47.07274431
wavelet-LHL	glcm	JointEntropy	8.094680702
wavelet-LHL	glcm	ClusterShade	168.8712462
wavelet-LHL	glcm	MaximumProbability	0.015671466
wavelet-LHL	glcm	ldmn	0.96627952
wavelet-LHL	glcm	JointEnergy	0.004473866
wavelet-LHL	glcm	Contrast	68.19580328
wavelet-LHL	glcm	DifferenceEntropy	3.984198942
wavelet-LHL	glcm	InverseVariance	0.168711117
wavelet-LHL	glcm	DifferenceVariance	28.07220517
wavelet-LHL	glcm	ldn	0.88198232
wavelet-LHL	glcm	ldm	0.172326785
wavelet-LHL	glcm	Correlation	0.23773817
wavelet-LHL	glcm	Autocorrelation	564.3824167
wavelet-LHL	glcm	SumEntropy	5.224815995
wavelet-LHL	glcm	SumSquares	44.50345296
wavelet-LHL	glcm	ClusterProminence	38668.23582
wavelet-LHL	glcm	lmc2	0.963842743
wavelet-LHL	glcm	lmc1	-0.282458067
wavelet-LHL	glcm	DifferenceAverage	6.167279649
wavelet-LHL	glcm	ld	0.261157641
wavelet-LHL	glcm	ClusterTendency	109.8180085
wavelet-LHL	firstorder	InterquartileRange	208.8824707
wavelet-LHL	firstorder	Skewness	-0.13101423
wavelet-LHL	firstorder	Uniformity	0.04597551
wavelet-LHL	firstorder	Median	-15.51968159
wavelet-LHL	firstorder	Energy	9771110.055
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	87.36874589
wavelet-LHL	firstorder	MeanAbsoluteDeviation	129.103526
wavelet-LHL	firstorder	TotalEnergy	263819971.5
wavelet-LHL	firstorder	Maximum	434.5014793
wavelet-LHL	firstorder	RootMeanSquared	167.0851798
wavelet-LHL	firstorder	90Percentile	180.3381592
wavelet-LHL	firstorder	Minimum	-594.6210176
wavelet-LHL	firstorder	Entropy	4.710205061
wavelet-LHL	firstorder	Range	1029.122497
wavelet-LHL	firstorder	Variance	27339.82108
wavelet-LHL	firstorder	10Percentile	-235.77446
wavelet-LHL	firstorder	Kurtosis	3.251345747

wavelet-LHL	firstorder	Mean	-24.03406363
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.00548976
wavelet-LHL	glrlm	GrayLevelVariance	44.93630054
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005570425
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.044964277
wavelet-LHL	glrlm	RunVariance	0.059275597
wavelet-LHL	glrlm	GrayLevelNonUniformity	14.94262718
wavelet-LHL	glrlm	LongRunEmphasis	1.16979068
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	578.3686154
wavelet-LHL	glrlm	RunLengthNonUniformity	301.3389806
wavelet-LHL	glrlm	ShortRunEmphasis	0.962392812
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	697.4375097
wavelet-LHL	glrlm	RunPercentage	0.949450549
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005932349
wavelet-LHL	glrlm	RunEntropy	4.963597729
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	600.0420012
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.906236675
wavelet-LHL	glszm	GrayLevelVariance	59.52929738
wavelet-LHL	glszm	ZoneVariance	4.261603134
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038748606
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.467928737
wavelet-LHL	glszm	SizeZoneNonUniformity	87.5026738
wavelet-LHL	glszm	GrayLevelNonUniformity	7.245989305
wavelet-LHL	glszm	LargeAreaEmphasis	7.764705882
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	452.5451919
wavelet-LHL	glszm	ZonePercentage	0.534285714
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.021760705
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4528.700535
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	622.0053476
wavelet-LHL	glszm	SmallAreaEmphasis	0.710267305
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008187438
wavelet-LHL	glszm	ZoneEntropy	6.02443288
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007523938
wavelet-LHL	ngtdm	Coarseness	0.018923807
wavelet-LHL	ngtdm	Complexity	2394.959705
wavelet-LHL	ngtdm	Strength	8.351040784
wavelet-LHL	ngtdm	Contrast	0.274420613
wavelet-LHL	ngtdm	Busyness	0.059132859
wavelet-LHH	gldm	GrayLevelVariance	20.61306939
wavelet-LHH	gldm	HighGrayLevelEmphasis	404.4371429
wavelet-LHH	gldm	DependenceEntropy	5.997762872
wavelet-LHH	gldm	DependenceNonUniformity	69.41142857
wavelet-LHH	gldm	GrayLevelNonUniformity	28.04571429
wavelet-LHH	gldm	SmallDependenceEmphasis	0.393350736
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	168.7367916
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.198318367
wavelet-LHH	gldm	LargeDependenceEmphasis	12.05714286
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.036318105
wavelet-LHH	gldm	DependenceVariance	3.729795918
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4588.705714
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00427589
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005985219
wavelet-LHH	glcm	JointAverage	19.65020872

wavelet-LHH	glcm	SumAverage	39.30041744
wavelet-LHH	glcm	JointEntropy	7.180400767
wavelet-LHH	glcm	ClusterShade	45.53780638
wavelet-LHH	glcm	MaximumProbability	0.03566766
wavelet-LHH	glcm	Idmn	0.971847814
wavelet-LHH	glcm	JointEnergy	0.010612128
wavelet-LHH	glcm	Contrast	37.02349645
wavelet-LHH	glcm	DifferenceEntropy	3.584038476
wavelet-LHH	glcm	InverseVariance	0.246072634
wavelet-LHH	glcm	DifferenceVariance	17.28533476
wavelet-LHH	glcm	Idn	0.895205189
wavelet-LHH	glcm	Idm	0.243791999
wavelet-LHH	glcm	Correlation	-0.022430701
wavelet-LHH	glcm	Autocorrelation	385.7531885
wavelet-LHH	glcm	SumEntropy	4.408681096
wavelet-LHH	glcm	SumSquares	18.13011913
wavelet-LHH	glcm	ClusterProminence	5999.092284
wavelet-LHH	glcm	Imc2	0.873417688
wavelet-LHH	glcm	Imc1	-0.184534032
wavelet-LHH	glcm	DifferenceAverage	4.382139836
wavelet-LHH	glcm	Id	0.328840584
wavelet-LHH	glcm	ClusterTendency	35.49698009
wavelet-LHH	firstorder	InterquartileRange	110.3355585
wavelet-LHH	firstorder	Skewness	0.139101502
wavelet-LHH	firstorder	Uniformity	0.080130612
wavelet-LHH	firstorder	Median	-4.238125041
wavelet-LHH	firstorder	Energy	4488045.455
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	49.09268655
wavelet-LHH	firstorder	MeanAbsoluteDeviation	81.5528336
wavelet-LHH	firstorder	TotalEnergy	121177227.3
wavelet-LHH	firstorder	Maximum	359.3804269
wavelet-LHH	firstorder	RootMeanSquared	113.2386286
wavelet-LHH	firstorder	90Percentile	136.2943041
wavelet-LHH	firstorder	Minimum	-468.7408364
wavelet-LHH	firstorder	Entropy	4.071387942
wavelet-LHH	firstorder	Range	828.1212633
wavelet-LHH	firstorder	Variance	12817.25802
wavelet-LHH	firstorder	10Percentile	-125.4479472
wavelet-LHH	firstorder	Kurtosis	4.497671986
wavelet-LHH	firstorder	Mean	2.393531672
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.006088314
wavelet-LHH	grlm	GrayLevelVariance	21.82338823
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.006237919
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.075224636
wavelet-LHH	grlm	RunVariance	0.09421636
wavelet-LHH	grlm	GrayLevelNonUniformity	24.4231265
wavelet-LHH	grlm	LongRunEmphasis	1.258251242
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	385.6381854
wavelet-LHH	grlm	RunLengthNonUniformity	282.077858
wavelet-LHH	grlm	ShortRunEmphasis	0.946115865
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	504.4372278
wavelet-LHH	grlm	RunPercentage	0.927472527
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.006953028

wavelet-LHH	grlm	RunEntropy	4.45298531
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	406.2562921
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.868381884
wavelet-LHH	glszm	GrayLevelVariance	39.23447772
wavelet-LHH	glszm	ZoneVariance	35.24525201
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.051680058
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.563367421
wavelet-LHH	glszm	SizeZoneNonUniformity	83.37837838
wavelet-LHH	glszm	GrayLevelNonUniformity	7.648648649
wavelet-LHH	glszm	LargeAreaEmphasis	40.83783784
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	338.3680835
wavelet-LHH	glszm	ZonePercentage	0.422857143
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.119989978
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	15131.15541
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	431.7027027
wavelet-LHH	glszm	SmallAreaEmphasis	0.776647864
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.010328233
wavelet-LHH	glszm	ZoneEntropy	5.439726364
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.009671278
wavelet-LHH	ngtdm	Coarseness	0.019188715
wavelet-LHH	ngtdm	Complexity	1127.159865
wavelet-LHH	ngtdm	Strength	4.653269042
wavelet-LHH	ngtdm	Contrast	0.175802871
wavelet-LHH	ngtdm	Busyness	0.080907947
wavelet-LLH	gldm	GrayLevelVariance	75.66113469
wavelet-LLH	gldm	HighGrayLevelEmphasis	582.6828571
wavelet-LLH	gldm	DependenceEntropy	6.431842381
wavelet-LLH	gldm	DependenceNonUniformity	108.8457143
wavelet-LLH	gldm	GrayLevelNonUniformity	14.06857143
wavelet-LLH	gldm	SmallDependenceEmphasis	0.540564987
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	370.3912391
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.310987755
wavelet-LLH	gldm	LargeDependenceEmphasis	5.771428571
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020953897
wavelet-LLH	gldm	DependenceVariance	1.679477551
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2761.562857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005046836
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006646295
wavelet-LLH	glcm	JointAverage	21.46628925
wavelet-LLH	glcm	SumAverage	42.93257851
wavelet-LLH	glcm	JointEntropy	8.182215197
wavelet-LLH	glcm	ClusterShade	2175.109866
wavelet-LLH	glcm	MaximumProbability	0.012082951
wavelet-LLH	glcm	ldmn	0.96948324
wavelet-LLH	glcm	JointEnergy	0.004102272
wavelet-LLH	glcm	Contrast	110.2319031
wavelet-LLH	glcm	DifferenceEntropy	4.214157835
wavelet-LLH	glcm	InverseVariance	0.153418463
wavelet-LLH	glcm	DifferenceVariance	52.42943081
wavelet-LLH	glcm	ldn	0.89098057
wavelet-LLH	glcm	ldm	0.147473231
wavelet-LLH	glcm	Correlation	0.195358784
wavelet-LLH	glcm	Autocorrelation	475.4582954

wavelet-LLH	glcm	SumEntropy	5.359206087
wavelet-LLH	glcm	SumSquares	69.70005644
wavelet-LLH	glcm	ClusterProminence	144733.6235
wavelet-LLH	glcm	Imc2	0.972873565
wavelet-LLH	glcm	Imc1	-0.305746609
wavelet-LLH	glcm	DifferenceAverage	7.447748639
wavelet-LLH	glcm	Id	0.234842252
wavelet-LLH	glcm	ClusterTendency	168.5683226
wavelet-LLH	firstorder	InterquartileRange	229.2608305
wavelet-LLH	firstorder	Skewness	0.794569076
wavelet-LLH	firstorder	Uniformity	0.040195918
wavelet-LLH	firstorder	Median	-56.11476052
wavelet-LLH	firstorder	Energy	16688482.58
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	102.1891256
wavelet-LLH	firstorder	MeanAbsoluteDeviation	162.5505601
wavelet-LLH	firstorder	TotalEnergy	450589029.5
wavelet-LLH	firstorder	Maximum	781.0270615
wavelet-LLH	firstorder	RootMeanSquared	218.3606622
wavelet-LLH	firstorder	90Percentile	272.3550724
wavelet-LLH	firstorder	Minimum	-561.7914418
wavelet-LLH	firstorder	Entropy	4.924853694
wavelet-LLH	firstorder	Range	1342.818503
wavelet-LLH	firstorder	Variance	47091.57311
wavelet-LLH	firstorder	10Percentile	-261.1573519
wavelet-LLH	firstorder	Kurtosis	4.122623226
wavelet-LLH	firstorder	Mean	-24.28591521
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006698558
wavelet-LLH	glrlm	GrayLevelVariance	77.34979465
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.006787435
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.039553559
wavelet-LLH	glrlm	RunVariance	0.045754193
wavelet-LLH	glrlm	GrayLevelNonUniformity	13.29860976
wavelet-LLH	glrlm	LongRunEmphasis	1.1304073
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	574.42271
wavelet-LLH	glrlm	RunLengthNonUniformity	311.8710977
wavelet-LLH	glrlm	ShortRunEmphasis	0.971023391
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	647.1471881
wavelet-LLH	glrlm	RunPercentage	0.960659341
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.007223722
wavelet-LLH	glrlm	RunEntropy	5.119305821
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	587.826438
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.927026739
wavelet-LLH	glszm	GrayLevelVariance	98.01168199
wavelet-LLH	glszm	ZoneVariance	2.652031123
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033348762
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.559963852
wavelet-LLH	glszm	SizeZoneNonUniformity	119.2723005
wavelet-LLH	glszm	GrayLevelNonUniformity	7.103286385
wavelet-LLH	glszm	LargeAreaEmphasis	5.352112676
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	556.7325858
wavelet-LLH	glszm	ZonePercentage	0.608571429
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022155433
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2533.488263

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	665.0328638
wavelet-LLH	glszm	SmallAreaEmphasis	0.775854882
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.008718808
wavelet-LLH	glszm	ZoneEntropy	6.068613935
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007875878
wavelet-LLH	ngtdm	Coarseness	0.019610889
wavelet-LLH	ngtdm	Complexity	4477.974202
wavelet-LLH	ngtdm	Strength	14.40017371
wavelet-LLH	ngtdm	Contrast	0.384384627
wavelet-LLH	ngtdm	Busyness	0.05149556
wavelet-LLL	gldm	GrayLevelVariance	828.1799265
wavelet-LLL	gldm	HighGrayLevelEmphasis	3621.151429
wavelet-LLL	gldm	DependenceEntropy	6.967374614
wavelet-LLL	gldm	DependenceNonUniformity	181.44
wavelet-LLL	gldm	GrayLevelNonUniformity	5.108571429
wavelet-LLL	gldm	SmallDependenceEmphasis	0.747783333
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2292.071877
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.5184
wavelet-LLL	gldm	LargeDependenceEmphasis	2.954285714
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006932324
wavelet-LLL	gldm	DependenceVariance	0.729926531
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	15903.02
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005195129
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005461341
wavelet-LLL	glcm	JointAverage	59.77972245
wavelet-LLL	glcm	SumAverage	119.5594449
wavelet-LLL	glcm	JointEntropy	8.780436298
wavelet-LLL	glcm	ClusterShade	-33970.56648
wavelet-LLL	glcm	MaximumProbability	0.008289281
wavelet-LLL	glcm	Idmn	0.949774815
wavelet-LLL	glcm	JointEnergy	0.002448702
wavelet-LLL	glcm	Contrast	605.4426141
wavelet-LLL	glcm	DifferenceEntropy	5.377996251
wavelet-LLL	glcm	InverseVariance	0.076442752
wavelet-LLL	glcm	DifferenceVariance	229.6252321
wavelet-LLL	glcm	Idn	0.856237208
wavelet-LLL	glcm	Idm	0.073261131
wavelet-LLL	glcm	Correlation	0.60620523
wavelet-LLL	glcm	Autocorrelation	4049.969374
wavelet-LLL	glcm	SumEntropy	6.830048331
wavelet-LLL	glcm	SumSquares	776.3275168
wavelet-LLL	glcm	ClusterProminence	11733730.01
wavelet-LLL	glcm	Imc2	0.999625026
wavelet-LLL	glcm	Imc1	-0.581570221
wavelet-LLL	glcm	DifferenceAverage	18.98963782
wavelet-LLL	glcm	Id	0.135248199
wavelet-LLL	glcm	ClusterTendency	2499.867453
wavelet-LLL	firstorder	InterquartileRange	1393.022449
wavelet-LLL	firstorder	Skewness	-0.00171901
wavelet-LLL	firstorder	Uniformity	0.014595918
wavelet-LLL	firstorder	Median	-876.4456182
wavelet-LLL	firstorder	Energy	443727086.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	531.1984154



wavelet-LLL	firstorder	MeanAbsoluteDeviation	636.7299406
wavelet-LLL	firstorder	TotalEnergy	11980631332
wavelet-LLL	firstorder	Maximum	360.5092351
wavelet-LLL	firstorder	RootMeanSquared	1125.962555
wavelet-LLL	firstorder	90Percentile	104.5889855
wavelet-LLL	firstorder	Minimum	-2152.926257
wavelet-LLL	firstorder	Entropy	6.294651881
wavelet-LLL	firstorder	Range	2513.435492
wavelet-LLL	firstorder	Variance	517727.4835
wavelet-LLL	firstorder	10Percentile	-1830.471164
wavelet-LLL	firstorder	Kurtosis	1.647770775
wavelet-LLL	firstorder	Mean	-866.0624642
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.005539163
wavelet-LLL	grlm	GrayLevelVariance	821.1198284
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.005550137
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.014447039
wavelet-LLL	grlm	RunVariance	0.020247442
wavelet-LLL	grlm	GrayLevelNonUniformity	4.960970687
wavelet-LLL	grlm	LongRunEmphasis	1.059413524
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3493.116742
wavelet-LLL	grlm	RunLengthNonUniformity	330.8953193
wavelet-LLL	grlm	ShortRunEmphasis	0.985901543
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3923.343141
wavelet-LLL	grlm	RunPercentage	0.981098901
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.00560635
wavelet-LLL	grlm	RunEntropy	6.364863518
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3577.282449
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.96347737
wavelet-LLL	glszm	GrayLevelVariance	735.3581122
wavelet-LLL	glszm	ZoneVariance	0.644642857
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.01377551
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.754107143
wavelet-LLL	glszm	SizeZoneNonUniformity	211.15
wavelet-LLL	glszm	GrayLevelNonUniformity	3.857142857
wavelet-LLL	glszm	LargeAreaEmphasis	2.207142857
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2643.815402
wavelet-LLL	glszm	ZonePercentage	0.8
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007554413
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10746.63214
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3158.107143
wavelet-LLL	glszm	SmallAreaEmphasis	0.887823854
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006568408
wavelet-LLL	glszm	ZoneEntropy	6.707645296
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006431738
wavelet-LLL	ngtdm	Coarseness	0.016706582
wavelet-LLL	ngtdm	Complexity	43767.14595
wavelet-LLL	ngtdm	Strength	76.09537296
wavelet-LLL	ngtdm	Contrast	2.209480179
wavelet-LLL	ngtdm	Busyness	0.012629218
wavelet-HHL	gldm	GrayLevelVariance	14.32568163
wavelet-HHL	gldm	HighGrayLevelEmphasis	284.4114286
wavelet-HHL	gldm	DependenceEntropy	5.917400808
wavelet-HHL	gldm	DependenceNonUniformity	66.72

wavelet-HHL	gldm	GrayLevelNonUniformity	29.16
wavelet-HHL	gldm	SmallDependenceEmphasis	0.326618029
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	95.03333877
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.190628571
wavelet-HHL	gldm	LargeDependenceEmphasis	11.78285714
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.05121939
wavelet-HHL	gldm	DependenceVariance	3.12244898
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3132.388571
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004613032
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007365466
wavelet-HHL	glcm	JointAverage	16.43556293
wavelet-HHL	glcm	SumAverage	32.87112587
wavelet-HHL	glcm	JointEntropy	7.103670445
wavelet-HHL	glcm	ClusterShade	-19.27829031
wavelet-HHL	glcm	MaximumProbability	0.028846574
wavelet-HHL	glcm	Idmn	0.967299639
wavelet-HHL	glcm	JointEnergy	0.009766218
wavelet-HHL	glcm	Contrast	28.96927171
wavelet-HHL	glcm	DifferenceEntropy	3.463715927
wavelet-HHL	glcm	InverseVariance	0.237746143
wavelet-HHL	glcm	DifferenceVariance	12.11528565
wavelet-HHL	glcm	Idn	0.883426473
wavelet-HHL	glcm	Idm	0.24409395
wavelet-HHL	glcm	Correlation	-0.008685383
wavelet-HHL	glcm	Autocorrelation	269.9697998
wavelet-HHL	glcm	SumEntropy	4.311120985
wavelet-HHL	glcm	SumSquares	14.32573445
wavelet-HHL	glcm	ClusterProminence	3039.298633
wavelet-HHL	glcm	Imc2	0.827574398
wavelet-HHL	glcm	Imc1	-0.152658296
wavelet-HHL	glcm	DifferenceAverage	4.04522117
wavelet-HHL	glcm	Id	0.33225066
wavelet-HHL	glcm	ClusterTendency	28.33366609
wavelet-HHL	firstorder	InterquartileRange	107.8920037
wavelet-HHL	firstorder	Skewness	-0.177964775
wavelet-HHL	firstorder	Uniformity	0.083314286
wavelet-HHL	firstorder	Median	-6.503863031
wavelet-HHL	firstorder	Energy	3123834.721
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	47.09952132
wavelet-HHL	firstorder	MeanAbsoluteDeviation	71.81225556
wavelet-HHL	firstorder	TotalEnergy	84343537.46
wavelet-HHL	firstorder	Maximum	282.5684852
wavelet-HHL	firstorder	RootMeanSquared	94.47349924
wavelet-HHL	firstorder	90Percentile	119.8843898
wavelet-HHL	firstorder	Minimum	-393.5955005
wavelet-HHL	firstorder	Entropy	3.855848426
wavelet-HHL	firstorder	Range	676.1639857
wavelet-HHL	firstorder	Variance	8923.292575
wavelet-HHL	firstorder	10Percentile	-109.7258295
wavelet-HHL	firstorder	Kurtosis	3.945998786
wavelet-HHL	firstorder	Mean	-1.396239025
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007406756
wavelet-HHL	glrlm	GrayLevelVariance	15.00779088

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.00763454
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.080713974
wavelet-HHL	glrlm	RunVariance	0.092114254
wavelet-HHL	glrlm	GrayLevelNonUniformity	26.14373072
wavelet-HHL	glrlm	LongRunEmphasis	1.263170767
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	270.3121401
wavelet-HHL	glrlm	RunLengthNonUniformity	280.2962498
wavelet-HHL	glrlm	ShortRunEmphasis	0.944025678
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	356.5097944
wavelet-HHL	glrlm	RunPercentage	0.925274725
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008706101
wavelet-HHL	glrlm	RunEntropy	4.237234114
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	285.5354159
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.864386285
wavelet-HHL	glszm	GrayLevelVariance	25.39919804
wavelet-HHL	glszm	ZoneVariance	18.07329027
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.059590109
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.390621519
wavelet-HHL	glszm	SizeZoneNonUniformity	52.34328358
wavelet-HHL	glszm	GrayLevelNonUniformity	7.985074627
wavelet-HHL	glszm	LargeAreaEmphasis	24.89552239
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	188.9186672
wavelet-HHL	glszm	ZonePercentage	0.382857143
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.107964046
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	6621.477612
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	297.4029851
wavelet-HHL	glszm	SmallAreaEmphasis	0.646023591
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012635722
wavelet-HHL	glszm	ZoneEntropy	5.523669019
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011178697
wavelet-HHL	ngtdm	Coarseness	0.017411448
wavelet-HHL	ngtdm	Complexity	650.980867
wavelet-HHL	ngtdm	Strength	2.958837619
wavelet-HHL	ngtdm	Contrast	0.167618791
wavelet-HHL	ngtdm	Busyness	0.143366594
wavelet-HLH	gldm	GrayLevelVariance	25.46788571
wavelet-HLH	gldm	HighGrayLevelEmphasis	252.8742857
wavelet-HLH	gldm	DependenceEntropy	6.195477549
wavelet-HLH	gldm	DependenceNonUniformity	73.41714286
wavelet-HLH	gldm	GrayLevelNonUniformity	24.35428571
wavelet-HLH	gldm	SmallDependenceEmphasis	0.398464129
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	105.1689398
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.209763265
wavelet-HLH	gldm	LargeDependenceEmphasis	10.64
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.06574244
wavelet-HLH	gldm	DependenceVariance	3.2416
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2494.788571
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011394802
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015013565
wavelet-HLH	glcm	JointAverage	15.17864082
wavelet-HLH	glcm	SumAverage	30.35728165
wavelet-HLH	glcm	JointEntropy	7.42314376
wavelet-HLH	glcm	ClusterShade	-165.0242892

wavelet-HLH	glcm	MaximumProbability	0.028558909
wavelet-HLH	glcm	Idmn	0.971054303
wavelet-HLH	glcm	JointEnergy	0.008349758
wavelet-HLH	glcm	Contrast	45.37624896
wavelet-HLH	glcm	DifferenceEntropy	3.702179926
wavelet-HLH	glcm	InverseVariance	0.216593021
wavelet-HLH	glcm	DifferenceVariance	20.6768452
wavelet-HLH	glcm	Idn	0.892860705
wavelet-HLH	glcm	Idm	0.220614406
wavelet-HLH	glcm	Correlation	0.074139475
wavelet-HLH	glcm	Autocorrelation	232.259923
wavelet-HLH	glcm	SumEntropy	4.669249309
wavelet-HLH	glcm	SumSquares	24.52425477
wavelet-HLH	glcm	ClusterProminence	11518.07862
wavelet-HLH	glcm	Imc2	0.913433751
wavelet-HLH	glcm	Imc1	-0.219380151
wavelet-HLH	glcm	DifferenceAverage	4.882922479
wavelet-HLH	glcm	Id	0.308013086
wavelet-HLH	glcm	ClusterTendency	52.72077012
wavelet-HLH	firstorder	InterquartileRange	128.0088871
wavelet-HLH	firstorder	Skewness	-0.006575481
wavelet-HLH	firstorder	Uniformity	0.069583673
wavelet-HLH	firstorder	Median	-9.687267741
wavelet-HLH	firstorder	Energy	5523331.519
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	56.5052233
wavelet-HLH	firstorder	MeanAbsoluteDeviation	91.99339854
wavelet-HLH	firstorder	TotalEnergy	149129951
wavelet-HLH	firstorder	Maximum	525.1935356
wavelet-HLH	firstorder	RootMeanSquared	125.6222401
wavelet-HLH	firstorder	90Percentile	152.2481386
wavelet-HLH	firstorder	Minimum	-360.734189
wavelet-HLH	firstorder	Entropy	4.217684944
wavelet-HLH	firstorder	Range	885.9277246
wavelet-HLH	firstorder	Variance	15662.45345
wavelet-HLH	firstorder	10Percentile	-178.0799043
wavelet-HLH	firstorder	Kurtosis	4.06118027
wavelet-HLH	firstorder	Mean	-10.88548338
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.015412057
wavelet-HLH	grlm	GrayLevelVariance	26.57360147
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.015687174
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.066770734
wavelet-HLH	grlm	RunVariance	0.084356181
wavelet-HLH	grlm	GrayLevelNonUniformity	21.82756511
wavelet-HLH	grlm	LongRunEmphasis	1.232917129
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	242.3422257
wavelet-HLH	grlm	RunLengthNonUniformity	288.341037
wavelet-HLH	grlm	ShortRunEmphasis	0.951488751
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	308.9864942
wavelet-HLH	grlm	RunPercentage	0.933846154
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.016970089
wavelet-HLH	grlm	RunEntropy	4.552979406
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	253.965347
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.881370713

wavelet-HLH	glszm	GrayLevelVariance	41.06114464
wavelet-HLH	glszm	ZoneVariance	17.27533819
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.048824142
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.493028096
wavelet-HLH	glszm	SizeZoneNonUniformity	76.41935484
wavelet-HLH	glszm	GrayLevelNonUniformity	7.567741935
wavelet-HLH	glszm	LargeAreaEmphasis	22.37419355
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	193.2036279
wavelet-HLH	glszm	ZonePercentage	0.442857143
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.13338738
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	5197.212903
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	264.3225806
wavelet-HLH	glszm	SmallAreaEmphasis	0.728001621
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.026444245
wavelet-HLH	glszm	ZoneEntropy	5.673984542
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.024662197
wavelet-HLH	ngtdm	Coarseness	0.018362
wavelet-HLH	ngtdm	Complexity	1266.352124
wavelet-HLH	ngtdm	Strength	5.145568307
wavelet-HLH	ngtdm	Contrast	0.212914332
wavelet-HLH	ngtdm	Busyness	0.1059374

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	53bbbed552ed23c3a6a65bb6151bd5417873ba04
general	info	ImageHash	9
general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999996)
general	info	MaskHash	d8fc7aedef77579c3e1f9f32eba6c24618e6f4295
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	37
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original	shape	Sphericity	0.845513894
original	shape	MinorAxis	10.71840953
original	shape	Elongation	0.660002958
original	shape	SurfaceVolumeRatio	0.572147775
original	shape	Volume	999
original	shape	MajorAxis	16.23994165
original	shape	SurfaceArea	571.5756271
original	shape	Flatness	0.585140699
original	shape	LeastAxis	9.50265081
original	shape	Maximum2DDiameterColumn	12.72792206
original	shape	Maximum2DDiameterRow	15
original	gldm	GrayLevelVariance	82.72753835
original	gldm	HighGrayLevelEmphasis	466.6756757
original	gldm	DependenceEntropy	4.324186136
original	gldm	DependenceNonUniformity	18.02702703
original	gldm	GrayLevelNonUniformity	2.72972973
original	gldm	SmallDependenceEmphasis	0.720157658
original	gldm	SmallDependenceHighGrayLevelEmphasis	280.1171171
original	gldm	DependenceNonUniformityNormalized	0.487216947
original	gldm	LargeDependenceEmphasis	2.783783784
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.062410553
original	gldm	DependenceVariance	0.574141709
original	gldm	LargeDependenceHighGrayLevelEmphasis	1733.810811
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.059093639
original	gldm	LowGrayLevelEmphasis	0.059587529
original	glcm	JointAverage	21.99916097
original	glcm	SumAverage	43.99832193

original	glcm	JointEntropy	4.836476189
original	glcm	ClusterShade	-1086.079243
original	glcm	MaximumProbability	0.061231893
original	glcm	Idmn	0.901500564
original	glcm	JointEnergy	0.037121238
original	glcm	Contrast	126.2343749
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original	glcm	InverseVariance	0.140094064
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original	glcm	Idn	0.801193084
original	glcm	Idm	0.130591902
original	glcm	Correlation	0.038740264
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original	glcm	SumEntropy	3.577817038
original	glcm	SumSquares	66.33553177
original	glcm	ClusterProminence	54046.53627
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original	glcm	Id	0.209322635
original	glcm	ClusterTendency	139.1077522
original	firstorder	InterquartileRange	339
original	firstorder	Skewness	-0.564370546
original	firstorder	Uniformity	0.073776479
original	firstorder	Median	-187
original	firstorder	Energy	3381963
original	firstorder	RobustMeanAbsoluteDeviation	149.1795482
original	firstorder	MeanAbsoluteDeviation	191.1351351
original	firstorder	TotalEnergy	91313001
original	firstorder	Maximum	88
original	firstorder	RootMeanSquared	302.331615
original	firstorder	90Percentile	49.4
original	firstorder	Minimum	-668
original	firstorder	Entropy	3.956358015
original	firstorder	Range	756
original	firstorder	Variance	51803.40541
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original	firstorder	Kurtosis	2.073423221
original	firstorder	Mean	-199
original	glrlm	ShortRunLowGrayLevelEmphasis	0.060677885
original	glrlm	GrayLevelVariance	83.15174257
original	glrlm	LowGrayLevelRunEmphasis	0.060701696
original	glrlm	GrayLevelNonUniformityNormalized	0.07291413
original	glrlm	RunVariance	0.018696581
original	glrlm	GrayLevelNonUniformity	2.647609148
original	glrlm	LongRunEmphasis	1.057692308
original	glrlm	ShortRunHighGrayLevelEmphasis	452.2944387
original	glrlm	RunLengthNonUniformity	34.96153846
original	glrlm	ShortRunEmphasis	0.985576923
original	glrlm	LongRunHighGrayLevelEmphasis	502.3425156
original	glrlm	RunPercentage	0.981288981
original	glrlm	LongRunLowGrayLevelEmphasis	0.060796937
original	glrlm	RunEntropy	4.009656315
original	glrlm	HighGrayLevelRunEmphasis	462.3040541
original	glrlm	RunLengthNonUniformityNormalized	0.962606838

original	glszm	GrayLevelVariance	86.7824019
original	glszm	ZoneVariance	0.613555291
original	glszm	GrayLevelNonUniformityNormalized	0.070154578
original	glszm	SizeZoneNonUniformityNormalized	0.705112961
original	glszm	SizeZoneNonUniformity	20.44827586
original	glszm	GrayLevelNonUniformity	2.034482759
original	glszm	LargeAreaEmphasis	2.24137931
original	glszm	SmallAreaHighGrayLevelEmphasis	320.9606897
original	glszm	ZonePercentage	0.783783784
original	glszm	LargeAreaLowGrayLevelEmphasis	0.077489963
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original	glszm	HighGrayLevelZoneEmphasis	407.0689655
original	glszm	SmallAreaEmphasis	0.863448276
original	glszm	LowGrayLevelZoneEmphasis	0.075557119
original	glszm	ZoneEntropy	4.168325823
original	glszm	SmallAreaLowGrayLevelEmphasis	0.075295582
original	ngtdm	Coarseness	0.048385687
original	ngtdm	Complexity	1773.455513
original	ngtdm	Strength	21.34524496
original	ngtdm	Contrast	4.112367715
original	ngtdm	Busyness	0.067587851
wavelet-HHH	gldm	GrayLevelVariance	20.69393718
wavelet-HHH	gldm	HighGrayLevelEmphasis	116.9459459
wavelet-HHH	gldm	DependenceEntropy	4.33743546
wavelet-HHH	gldm	DependenceNonUniformity	14.83783784
wavelet-HHH	gldm	GrayLevelNonUniformity	2.675675676
wavelet-HHH	gldm	SmallDependenceEmphasis	0.629129129
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	76.09009009
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.401022644
wavelet-HHH	gldm	LargeDependenceEmphasis	3.324324324
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.098226969
wavelet-HHH	gldm	DependenceVariance	0.606281958
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	387.7567568
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.070982295
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.074948155
wavelet-HHH	glcm	JointAverage	9.669090664
wavelet-HHH	glcm	SumAverage	19.33818133
wavelet-HHH	glcm	JointEntropy	4.819090727
wavelet-HHH	glcm	ClusterShade	14.50685405
wavelet-HHH	glcm	MaximumProbability	0.061689769
wavelet-HHH	glcm	Idmn	0.915019213
wavelet-HHH	glcm	JointEnergy	0.037875501
wavelet-HHH	glcm	Contrast	39.63815841
wavelet-HHH	glcm	DifferenceEntropy	2.905438706
wavelet-HHH	glcm	InverseVariance	0.19494805
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wavelet-HHH	glcm	Idn	0.81158888
wavelet-HHH	glcm	Idm	0.180019112
wavelet-HHH	glcm	Correlation	-0.045718931
wavelet-HHH	glcm	Autocorrelation	92.37158903
wavelet-HHH	glcm	SumEntropy	3.344598419
wavelet-HHH	glcm	SumSquares	18.63759735
wavelet-HHH	glcm	ClusterProminence	3711.732932
wavelet-HHH	glcm	Imc2	0.997335546
wavelet-HHH	glcm	Imc1	-0.711938394



wavelet-HHH	glcm	DifferenceAverage	4.96713916
wavelet-HHH	glcm	Id	0.274060858
wavelet-HHH	glcm	ClusterTendency	34.91223099
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wavelet-HHH	firstorder	Uniformity	0.072315559
wavelet-HHH	firstorder	Median	4.637870777
wavelet-HHH	firstorder	Energy	460877.7719
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	64.02138287
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wavelet-HHH	firstorder	TotalEnergy	12443699.84
wavelet-HHH	firstorder	Maximum	228.6093201
wavelet-HHH	firstorder	RootMeanSquared	111.6071503
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wavelet-HHH	firstorder	Minimum	-220.2198323
wavelet-HHH	firstorder	Entropy	3.969607339
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wavelet-HHH	firstorder	Variance	12406.20776
wavelet-HHH	firstorder	10Percentile	-135.1921497
wavelet-HHH	firstorder	Kurtosis	2.413064264
wavelet-HHH	firstorder	Mean	7.067406941
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.076445229
wavelet-HHH	glrlm	GrayLevelVariance	21.1129609
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.076647188
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.071722359
wavelet-HHH	glrlm	RunVariance	0.024864292
wavelet-HHH	glrlm	GrayLevelNonUniformity	2.588245582
wavelet-HHH	glrlm	LongRunEmphasis	1.078786899
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	114.7566825
wavelet-HHH	glrlm	RunLengthNonUniformity	34.32802557
wavelet-HHH	glrlm	ShortRunEmphasis	0.980303275
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	126.0292531
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wavelet-HHH	glrlm	RunEntropy	4.029008238
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	117.0111966
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.950271416
wavelet-HHH	glszm	GrayLevelVariance	26.68587106
wavelet-HHH	glszm	ZoneVariance	0.455418381
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.067215364
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.582990398
wavelet-HHH	glszm	SizeZoneNonUniformity	15.74074074
wavelet-HHH	glszm	GrayLevelNonUniformity	1.814814815
wavelet-HHH	glszm	LargeAreaEmphasis	2.333333333
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	96.45473251
wavelet-HHH	glszm	ZonePercentage	0.72972973
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.112330396
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	272.5555556
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	118.7037037
wavelet-HHH	glszm	SmallAreaEmphasis	0.790123457
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.098828502
wavelet-HHH	glszm	ZoneEntropy	4.282484261
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.096490365
wavelet-HHH	ngtdm	Coarseness	0.116099256
wavelet-HHH	ngtdm	Complexity	501.5488953

wavelet-HHH	ngtdm	Strength	11.79293751
wavelet-HHH	ngtdm	Contrast	0.555962778
wavelet-HHH	ngtdm	Busyness	0.067149773
wavelet-HLL	gldm	GrayLevelVariance	123.3046019
wavelet-HLL	gldm	HighGrayLevelEmphasis	405
wavelet-HLL	gldm	DependenceEntropy	4.506750663
wavelet-HLL	gldm	DependenceNonUniformity	17.21621622
wavelet-HLL	gldm	GrayLevelNonUniformity	2.243243243
wavelet-HLL	gldm	SmallDependenceEmphasis	0.698573574
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	357.5168919
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.465303141
wavelet-HLL	gldm	LargeDependenceEmphasis	3.054054054
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.257845455
wavelet-HLL	gldm	DependenceVariance	0.680788897
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	663.6486486
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025014345
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.069485879
wavelet-HLL	glcm	JointAverage	15.04001444
wavelet-HLL	glcm	SumAverage	30.08002887
wavelet-HLL	glcm	JointEntropy	4.887009043
wavelet-HLL	glcm	ClusterShade	1593.729423
wavelet-HLL	glcm	MaximumProbability	0.05569893
wavelet-HLL	glcm	Idmn	0.870840515
wavelet-HLL	glcm	JointEnergy	0.035558965
wavelet-HLL	glcm	Contrast	255.5116733
wavelet-HLL	glcm	DifferenceEntropy	3.375785159
wavelet-HLL	glcm	InverseVariance	0.115366109
wavelet-HLL	glcm	DifferenceVariance	81.83283053
wavelet-HLL	glcm	Idn	0.779297513
wavelet-HLL	glcm	Idm	0.113593922
wavelet-HLL	glcm	Correlation	0.030286156
wavelet-HLL	glcm	Autocorrelation	234.4750489
wavelet-HLL	glcm	SumEntropy	3.783146852
wavelet-HLL	glcm	SumSquares	134.3611619
wavelet-HLL	glcm	ClusterProminence	175505.3798
wavelet-HLL	glcm	Imc2	0.998585417
wavelet-HLL	glcm	Imc1	-0.766058672
wavelet-HLL	glcm	DifferenceAverage	12.37338499
wavelet-HLL	glcm	Id	0.183814047
wavelet-HLL	glcm	ClusterTendency	281.9329744
wavelet-HLL	firstorder	InterquartileRange	456.3349334
wavelet-HLL	firstorder	Skewness	0.337776777
wavelet-HLL	firstorder	Uniformity	0.060628196
wavelet-HLL	firstorder	Median	-195.554437
wavelet-HLL	firstorder	Energy	3172551.122
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	207.2555356
wavelet-HLL	firstorder	MeanAbsoluteDeviation	253.8480842
wavelet-HLL	firstorder	TotalEnergy	85658880.31
wavelet-HLL	firstorder	Maximum	407.3534791
wavelet-HLL	firstorder	RootMeanSquared	292.8218314
wavelet-HLL	firstorder	90Percentile	295.3026978
wavelet-HLL	firstorder	Minimum	-492.5685584
wavelet-HLL	firstorder	Entropy	4.226628285
wavelet-HLL	firstorder	Range	899.9220374
wavelet-HLL	firstorder	Variance	77181.31716

wavelet-HLL	firstorder	10Percentile	-384.7521199
wavelet-HLL	firstorder	Kurtosis	1.692954413
wavelet-HLL	firstorder	Mean	-92.53814223
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.066668927
wavelet-HLL	glrlm	GrayLevelVariance	123.8435068
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.068531011
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.059487315
wavelet-HLL	glrlm	RunVariance	0.020709496
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.156488874
wavelet-HLL	glrlm	LongRunEmphasis	1.065966387
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	408.6103767
wavelet-HLL	glrlm	RunLengthNonUniformity	34.78101702
wavelet-HLL	glrlm	ShortRunEmphasis	0.983508403
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	419.9569884
wavelet-HLL	glrlm	RunPercentage	0.979209979
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.075979348
wavelet-HLL	glrlm	RunEntropy	4.277457782
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	410.8796991
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.958581008
wavelet-HLL	glszm	GrayLevelVariance	125.4554102
wavelet-HLL	glszm	ZoneVariance	0.40665874
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.053507729
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.659928656
wavelet-HLL	glszm	SizeZoneNonUniformity	19.13793103
wavelet-HLL	glszm	GrayLevelNonUniformity	1.551724138
wavelet-HLL	glszm	LargeAreaEmphasis	2.034482759
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	446.950431
wavelet-HLL	glszm	ZonePercentage	0.783783784
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.1673423
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	617.4137931
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	474.7586207
wavelet-HLL	glszm	SmallAreaEmphasis	0.838362069
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.050587586
wavelet-HLL	glszm	ZoneEntropy	4.444187892
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.022596225
wavelet-HLL	ngtdm	Coarseness	0.061783725
wavelet-HLL	ngtdm	Complexity	2552.68087
wavelet-HLL	ngtdm	Strength	34.43771648
wavelet-HLL	ngtdm	Contrast	4.919555776
wavelet-HLL	ngtdm	Busyness	0.061308683
wavelet-LHL	gldm	GrayLevelVariance	91.70927684
wavelet-LHL	gldm	HighGrayLevelEmphasis	597.3513514
wavelet-LHL	gldm	DependenceEntropy	4.64851046
wavelet-LHL	gldm	DependenceNonUniformity	22.40540541
wavelet-LHL	gldm	GrayLevelNonUniformity	1.864864865
wavelet-LHL	gldm	SmallDependenceEmphasis	0.806306306
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	490.527027
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.605551497
wavelet-LHL	gldm	LargeDependenceEmphasis	2.135135135
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.034773904
wavelet-LHL	gldm	DependenceVariance	0.381300219
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1141.405405
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.031520497
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.031948734
wavelet-LHL	glcm	JointAverage	22.44721296

wavelet-LHL	glcm	SumAverage	44.89442592
wavelet-LHL	glcm	JointEntropy	4.940797611
wavelet-LHL	glcm	ClusterShade	-107.2212462
wavelet-LHL	glcm	MaximumProbability	0.051287671
wavelet-LHL	glcm	Idmn	0.926624984
wavelet-LHL	glcm	JointEnergy	0.033916483
wavelet-LHL	glcm	Contrast	143.2439898
wavelet-LHL	glcm	DifferenceEntropy	3.34634901
wavelet-LHL	glcm	InverseVariance	0.11966387
wavelet-LHL	glcm	DifferenceVariance	53.83626326
wavelet-LHL	glcm	Idn	0.824631991
wavelet-LHL	glcm	Idm	0.102593538
wavelet-LHL	glcm	Correlation	-0.062180876
wavelet-LHL	glcm	Autocorrelation	501.394115
wavelet-LHL	glcm	SumEntropy	3.639035996
wavelet-LHL	glcm	SumSquares	67.93373457
wavelet-LHL	glcm	ClusterProminence	44705.44733
wavelet-LHL	glcm	Imc2	0.99933628
wavelet-LHL	glcm	Imc1	-0.810214279
wavelet-LHL	glcm	DifferenceAverage	9.306609115
wavelet-LHL	glcm	Id	0.185077864
wavelet-LHL	glcm	ClusterTendency	128.4909484
wavelet-LHL	firstorder	InterquartileRange	355.3634882
wavelet-LHL	firstorder	Skewness	-0.252384036
wavelet-LHL	firstorder	Uniformity	0.050401753
wavelet-LHL	firstorder	Median	-128.4734807
wavelet-LHL	firstorder	Energy	2695782.322
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	140.0328162
wavelet-LHL	firstorder	MeanAbsoluteDeviation	195.8020133
wavelet-LHL	firstorder	TotalEnergy	72786122.69
wavelet-LHL	firstorder	Maximum	286.7703132
wavelet-LHL	firstorder	RootMeanSquared	269.9240294
wavelet-LHL	firstorder	90Percentile	163.119392
wavelet-LHL	firstorder	Minimum	-650.2610099
wavelet-LHL	firstorder	Entropy	4.486348298
wavelet-LHL	firstorder	Range	937.0313231
wavelet-LHL	firstorder	Variance	57147.20702
wavelet-LHL	firstorder	10Percentile	-446.5803242
wavelet-LHL	firstorder	Kurtosis	2.368901242
wavelet-LHL	firstorder	Mean	-125.346618
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.032304728
wavelet-LHL	glrlm	GrayLevelVariance	92.50424736
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.032327701
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.04981272
wavelet-LHL	glrlm	RunVariance	0.012464387
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.82039732
wavelet-LHL	glrlm	LongRunEmphasis	1.038461538
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	593.6758345
wavelet-LHL	glrlm	RunLengthNonUniformity	35.64102564
wavelet-LHL	glrlm	ShortRunEmphasis	0.990384615
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	617.9626935
wavelet-LHL	glrlm	RunPercentage	0.987525988
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.032419595
wavelet-LHL	glrlm	RunEntropy	4.516002423
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	598.5332063

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.975071225
wavelet-LHL	glszm	GrayLevelVariance	101.2490234
wavelet-LHL	glszm	ZoneVariance	0.194335938
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.044921875
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.775390625
wavelet-LHL	glszm	SizeZoneNonUniformity	24.8125
wavelet-LHL	glszm	GrayLevelNonUniformity	1.4375
wavelet-LHL	glszm	LargeAreaEmphasis	1.53125
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	548.8359375
wavelet-LHL	glszm	ZonePercentage	0.864864865
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.03783669
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	880.125
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	606.09375
wavelet-LHL	glszm	SmallAreaEmphasis	0.901909722
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.036589191
wavelet-LHL	glszm	ZoneEntropy	4.6875
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.036384483
wavelet-LHL	ngtdm	Coarseness	0.084556912
wavelet-LHL	ngtdm	Complexity	2695.356852
wavelet-LHL	ngtdm	Strength	35.82435978
wavelet-LHL	ngtdm	Contrast	2.366267229
wavelet-LHL	ngtdm	Busyness	0.025959605
wavelet-LHH	gldm	GrayLevelVariance	72.12856099
wavelet-LHH	gldm	HighGrayLevelEmphasis	436.2162162
wavelet-LHH	gldm	DependenceEntropy	4.540402352
wavelet-LHH	gldm	DependenceNonUniformity	24.45945946
wavelet-LHH	gldm	GrayLevelNonUniformity	2.135135135
wavelet-LHH	gldm	SmallDependenceEmphasis	0.837837838
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	333.972973
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.661066472
wavelet-LHH	gldm	LargeDependenceEmphasis	1.648648649
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040731504
wavelet-LHH	gldm	DependenceVariance	0.169466764
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	845.1891892
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.039394093
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.039661575
wavelet-LHH	glcm	JointAverage	19.02130847
wavelet-LHH	glcm	SumAverage	38.04261694
wavelet-LHH	glcm	JointEntropy	4.909226655
wavelet-LHH	glcm	ClusterShade	-326.3533959
wavelet-LHH	glcm	MaximumProbability	0.055365804
wavelet-LHH	glcm	Idmn	0.892055485
wavelet-LHH	glcm	JointEnergy	0.035069447
wavelet-LHH	glcm	Contrast	161.782112
wavelet-LHH	glcm	DifferenceEntropy	3.334557151
wavelet-LHH	glcm	InverseVariance	0.099536971
wavelet-LHH	glcm	DifferenceVariance	46.39693912
wavelet-LHH	glcm	Idn	0.788669617
wavelet-LHH	glcm	Idm	0.084181061
wavelet-LHH	glcm	Correlation	-0.000137178
wavelet-LHH	glcm	Autocorrelation	363.2349533
wavelet-LHH	glcm	SumEntropy	3.652982734
wavelet-LHH	glcm	SumSquares	81.14997568
wavelet-LHH	glcm	ClusterProminence	64882.86462
wavelet-LHH	glcm	Imc2	0.99935567

wavelet-LHH	glcm	Imc1	-0.814350177
wavelet-LHH	glcm	DifferenceAverage	10.07980146
wavelet-LHH	glcm	Id	0.167842094
wavelet-LHH	glcm	ClusterTendency	162.8177907
wavelet-LHH	firstorder	InterquartileRange	340.2275672
wavelet-LHH	firstorder	Skewness	-0.456116773
wavelet-LHH	firstorder	Uniformity	0.057706355
wavelet-LHH	firstorder	Median	77.77988123
wavelet-LHH	firstorder	Energy	1739394.608
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	127.4165242
wavelet-LHH	firstorder	MeanAbsoluteDeviation	178.0981763
wavelet-LHH	firstorder	TotalEnergy	46963654.4
wavelet-LHH	firstorder	Maximum	386.3127821
wavelet-LHH	firstorder	RootMeanSquared	216.8194296
wavelet-LHH	firstorder	90Percentile	294.4925698
wavelet-LHH	firstorder	Minimum	-405.6578492
wavelet-LHH	firstorder	Entropy	4.368388082
wavelet-LHH	firstorder	Range	791.9706314
wavelet-LHH	firstorder	Variance	45342.38449
wavelet-LHH	firstorder	10Percentile	-267.8796143
wavelet-LHH	firstorder	Kurtosis	2.268695115
wavelet-LHH	firstorder	Mean	40.84459062
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.039980418
wavelet-LHH	glrlm	GrayLevelVariance	72.38560034
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.039991127
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.057248682
wavelet-LHH	glrlm	RunVariance	0.008299223
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.101386001
wavelet-LHH	glrlm	LongRunEmphasis	1.026007326
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	430.422822
wavelet-LHH	glrlm	RunLengthNonUniformity	36.1030525
wavelet-LHH	glrlm	ShortRunEmphasis	0.993498168
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	450.9406791
wavelet-LHH	glrlm	RunPercentage	0.991683992
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.040033963
wavelet-LHH	glrlm	RunEntropy	4.384402169
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	434.5263934
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.983401554
wavelet-LHH	glszm	GrayLevelVariance	75.44352617
wavelet-LHH	glszm	ZoneVariance	0.106519743
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050505051
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.786960514
wavelet-LHH	glszm	SizeZoneNonUniformity	25.96969697
wavelet-LHH	glszm	GrayLevelNonUniformity	1.666666667
wavelet-LHH	glszm	LargeAreaEmphasis	1.363636364
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	355.3484848
wavelet-LHH	glszm	ZonePercentage	0.891891892
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.044868911
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	641.9393939
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	412.6666667
wavelet-LHH	glszm	SmallAreaEmphasis	0.909090909
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.044269103
wavelet-LHH	glszm	ZoneEntropy	4.597276316
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.04411915
wavelet-LHH	ngtdm	Coarseness	0.070871649

wavelet-LHH	ngtdm	Complexity	2179.77784
wavelet-LHH	ngtdm	Strength	28.61550744
wavelet-LHH	ngtdm	Contrast	1.889197376
wavelet-LHH	ngtdm	Busyness	0.034373883
wavelet-LLH	gldm	GrayLevelVariance	138.9101534
wavelet-LLH	gldm	HighGrayLevelEmphasis	492.7567568
wavelet-LLH	gldm	DependenceEntropy	4.722966879
wavelet-LLH	gldm	DependenceNonUniformity	22.40540541
wavelet-LLH	gldm	GrayLevelNonUniformity	1.918918919
wavelet-LLH	gldm	SmallDependenceEmphasis	0.797297297
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	427.7702703
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.605551497
wavelet-LLH	gldm	LargeDependenceEmphasis	1.810810811
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.04812129
wavelet-LLH	gldm	DependenceVariance	0.197224251
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	752.7027027
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040980555
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.042408702
wavelet-LLH	glcm	JointAverage	18.5310854
wavelet-LLH	glcm	SumAverage	37.06217079
wavelet-LLH	glcm	JointEntropy	4.952382464
wavelet-LLH	glcm	ClusterShade	3359.098522
wavelet-LLH	glcm	MaximumProbability	0.046594146
wavelet-LLH	glcm	Idmn	0.917184776
wavelet-LLH	glcm	JointEnergy	0.033596978
wavelet-LLH	glcm	Contrast	218.3029471
wavelet-LLH	glcm	DifferenceEntropy	3.468707042
wavelet-LLH	glcm	InverseVariance	0.065869811
wavelet-LLH	glcm	DifferenceVariance	65.82724747
wavelet-LLH	glcm	Idn	0.810186817
wavelet-LLH	glcm	Idm	0.067973785
wavelet-LLH	glcm	Correlation	0.220712791
wavelet-LLH	glcm	Autocorrelation	373.7586122
wavelet-LLH	glcm	SumEntropy	3.878477917
wavelet-LLH	glcm	SumSquares	138.7833845
wavelet-LLH	glcm	ClusterProminence	283452.3946
wavelet-LLH	glcm	Imc2	0.999338342
wavelet-LLH	glcm	Imc1	-0.810684093
wavelet-LLH	glcm	DifferenceAverage	11.96886395
wavelet-LLH	glcm	Id	0.146950214
wavelet-LLH	glcm	ClusterTendency	336.8305908
wavelet-LLH	firstorder	InterquartileRange	425.0076928
wavelet-LLH	firstorder	Skewness	0.577612695
wavelet-LLH	firstorder	Uniformity	0.051862673
wavelet-LLH	firstorder	Median	-188.8824694
wavelet-LLH	firstorder	Energy	3515993.772
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	183.0650883
wavelet-LLH	firstorder	MeanAbsoluteDeviation	247.681813
wavelet-LLH	firstorder	TotalEnergy	94931831.85
wavelet-LLH	firstorder	Maximum	596.0093858
wavelet-LLH	firstorder	RootMeanSquared	308.2642676
wavelet-LLH	firstorder	90Percentile	354.9482997
wavelet-LLH	firstorder	Minimum	-530.7453261
wavelet-LLH	firstorder	Entropy	4.465945933
wavelet-LLH	firstorder	Range	1126.754712

wavelet-LLH	firstorder	Variance	86465.40934
wavelet-LLH	firstorder	10Percentile	-393.0409261
wavelet-LLH	firstorder	Kurtosis	2.323046312
wavelet-LLH	firstorder	Mean	-92.52810041
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.042734658
wavelet-LLH	glrlm	GrayLevelVariance	139.5266377
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.042791361
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.051613109
wavelet-LLH	glrlm	RunVariance	0.010376621
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.89002079
wavelet-LLH	glrlm	LongRunEmphasis	1.032417582
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	491.9538536
wavelet-LLH	glrlm	RunLengthNonUniformity	35.87655678
wavelet-LLH	glrlm	ShortRunEmphasis	0.991895604
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	505.0843481
wavelet-LLH	glrlm	RunPercentage	0.98960499
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.043018172
wavelet-LLH	glrlm	RunEntropy	4.484722755
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	494.5799525
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.979246759
wavelet-LLH	glszm	GrayLevelVariance	147.8896484
wavelet-LLH	glszm	ZoneVariance	0.131835938
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.046875
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.736328125
wavelet-LLH	glszm	SizeZoneNonUniformity	23.5625
wavelet-LLH	glszm	GrayLevelNonUniformity	1.5
wavelet-LLH	glszm	LargeAreaEmphasis	1.46875
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	482.0859375
wavelet-LLH	glszm	ZonePercentage	0.864864865
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.051236788
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	669.9375
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	519.65625
wavelet-LLH	glszm	SmallAreaEmphasis	0.8828125
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.047934198
wavelet-LLH	glszm	ZoneEntropy	4.75
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.04710855
wavelet-LLH	ngtdm	Coarseness	0.072577134
wavelet-LLH	ngtdm	Complexity	3310.217134
wavelet-LLH	ngtdm	Strength	53.46723492
wavelet-LLH	ngtdm	Contrast	3.681110685
wavelet-LLH	ngtdm	Busyness	0.043812516
wavelet-LLL	gldm	GrayLevelVariance	439.2213294
wavelet-LLL	gldm	HighGrayLevelEmphasis	1996.27027
wavelet-LLL	gldm	DependenceEntropy	4.831074987
wavelet-LLL	gldm	DependenceNonUniformity	25.32432432
wavelet-LLL	gldm	GrayLevelNonUniformity	1.486486486
wavelet-LLL	gldm	SmallDependenceEmphasis	0.854354354
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1444.381381
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.684441198
wavelet-LLL	gldm	LargeDependenceEmphasis	1.702702703
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.029729028
wavelet-LLL	gldm	DependenceVariance	0.223520818
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4695.837838
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029497799
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.02953818



wavelet-LLL	glcm	JointAverage	45.68492529
wavelet-LLL	glcm	SumAverage	91.36985058
wavelet-LLL	glcm	JointEntropy	4.952176761
wavelet-LLL	glcm	ClusterShade	-4544.885594
wavelet-LLL	glcm	MaximumProbability	0.045879457
wavelet-LLL	glcm	Idmn	0.919849022
wavelet-LLL	glcm	JointEnergy	0.033474878
wavelet-LLL	glcm	Contrast	671.9992862
wavelet-LLL	glcm	DifferenceEntropy	3.680288654
wavelet-LLL	glcm	InverseVariance	0.044003941
wavelet-LLL	glcm	DifferenceVariance	200.0442807
wavelet-LLL	glcm	Idn	0.810030336
wavelet-LLL	glcm	Idm	0.048134999
wavelet-LLL	glcm	Correlation	0.177096786
wavelet-LLL	glcm	Autocorrelation	2163.343735
wavelet-LLL	glcm	SumEntropy	3.885231612
wavelet-LLL	glcm	SumSquares	408.1620195
wavelet-LLL	glcm	ClusterProminence	2055248.001
wavelet-LLL	glcm	Imc2	0.999710018
wavelet-LLL	glcm	Imc1	-0.863765819
wavelet-LLL	glcm	DifferenceAverage	21.40017089
wavelet-LLL	glcm	Id	0.103503613
wavelet-LLL	glcm	ClusterTendency	960.6487919
wavelet-LLL	firstorder	InterquartileRange	879.1099133
wavelet-LLL	firstorder	Skewness	0.158791146
wavelet-LLL	firstorder	Uniformity	0.04017531
wavelet-LLL	firstorder	Median	-831.4437217
wavelet-LLL	firstorder	Energy	32434132.06
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	334.8537399
wavelet-LLL	firstorder	MeanAbsoluteDeviation	442.9934822
wavelet-LLL	firstorder	TotalEnergy	875721565.5
wavelet-LLL	firstorder	Maximum	317.3065381
wavelet-LLL	firstorder	RootMeanSquared	936.2682114
wavelet-LLL	firstorder	90Percentile	-89.87567954
wavelet-LLL	firstorder	Minimum	-1740.693773
wavelet-LLL	firstorder	Entropy	4.756618568
wavelet-LLL	firstorder	Range	2058.000311
wavelet-LLL	firstorder	Variance	276219.706
wavelet-LLL	firstorder	10Percentile	-1358.810527
wavelet-LLL	firstorder	Kurtosis	2.06794474
wavelet-LLL	firstorder	Mean	-774.8409241
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.029786546
wavelet-LLL	glrlm	GrayLevelVariance	438.3720077
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.029788302
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.039921939
wavelet-LLL	glrlm	RunVariance	0.008309592
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.465003465
wavelet-LLL	glrlm	LongRunEmphasis	1.025641026
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1956.188179
wavelet-LLL	glrlm	RunLengthNonUniformity	36.09401709
wavelet-LLL	glrlm	ShortRunEmphasis	0.993589744
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2078.640102
wavelet-LLL	glrlm	RunPercentage	0.991683992
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.029795325
wavelet-LLL	glrlm	RunEntropy	4.769452652

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1980.678563
wavelet-LLL	glrlm	RunLengthNonUniformityNormalizd	0.983380817
wavelet-LLL	glszm	GrayLevelVariance	421.8034894
wavelet-LLL	glszm	ZoneVariance	0.167125803
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.037649219
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.831037649
wavelet-LLL	glszm	SizeZoneNonUniformity	27.42424242
wavelet-LLL	glszm	GrayLevelNonUniformity	1.242424242
wavelet-LLL	glszm	LargeAreaEmphasis	1.424242424
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1503.685185
wavelet-LLL	glszm	ZonePercentage	0.891891892
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.033199757
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3412.666667
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1775.151515
wavelet-LLL	glszm	SmallAreaEmphasis	0.927609428
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.033085368
wavelet-LLL	glszm	ZoneEntropy	4.801969877
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.033064991
wavelet-LLL	ngtdm	Coarseness	0.047089241
wavelet-LLL	ngtdm	Complexity	11597.01092
wavelet-LLL	ngtdm	Strength	91.15319505
wavelet-LLL	ngtdm	Contrast	16.20636727
wavelet-LLL	ngtdm	Busyness	0.02356755
wavelet-HHL	gldm	GrayLevelVariance	14.94375457
wavelet-HHL	gldm	HighGrayLevelEmphasis	123.2162162
wavelet-HHL	gldm	DependenceEntropy	4.249729717
wavelet-HHL	gldm	DependenceNonUniformity	14.83783784
wavelet-HHL	gldm	GrayLevelNonUniformity	3.378378378
wavelet-HHL	gldm	SmallDependenceEmphasis	0.629129129
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	73.19219219
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.401022644
wavelet-HHL	gldm	LargeDependenceEmphasis	3.324324324
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.065746424
wavelet-HHL	gldm	DependenceVariance	0.606281958
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	460.7297297
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.043694859
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.046921977
wavelet-HHL	glcm	JointAverage	10.7680387
wavelet-HHL	glcm	SumAverage	21.5360774
wavelet-HHL	glcm	JointEntropy	4.811718797
wavelet-HHL	glcm	ClusterShade	-66.35380516
wavelet-HHL	glcm	MaximumProbability	0.065110261
wavelet-HHL	glcm	Idmn	0.931701609
wavelet-HHL	glcm	JointEnergy	0.037769771
wavelet-HHL	glcm	Contrast	30.44421243
wavelet-HHL	glcm	DifferenceEntropy	2.917341992
wavelet-HHL	glcm	InverseVariance	0.217098821
wavelet-HHL	glcm	DifferenceVariance	10.60542919
wavelet-HHL	glcm	Idn	0.827422543
wavelet-HHL	glcm	Idm	0.187392618
wavelet-HHL	glcm	Correlation	-0.045732302
wavelet-HHL	glcm	Autocorrelation	115.9820215
wavelet-HHL	glcm	SumEntropy	3.35256209
wavelet-HHL	glcm	SumSquares	14.76727694
wavelet-HHL	glcm	ClusterProminence	2557.35529

wavelet-HHL	glcm	Imc2	0.994027562
wavelet-HHL	glcm	Imc1	-0.635364091
wavelet-HHL	glcm	DifferenceAverage	4.387799607
wavelet-HHL	glcm	Id	0.284311516
wavelet-HHL	glcm	ClusterTendency	28.62489532
wavelet-HHL	firstorder	InterquartileRange	98.67788124
wavelet-HHL	firstorder	Skewness	-0.367564464
wavelet-HHL	firstorder	Uniformity	0.091307524
wavelet-HHL	firstorder	Median	-15.37854817
wavelet-HHL	firstorder	Energy	370930.3731
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	45.04071604
wavelet-HHL	firstorder	MeanAbsoluteDeviation	73.29752149
wavelet-HHL	firstorder	TotalEnergy	10015120.07
wavelet-HHL	firstorder	Maximum	198.9841024
wavelet-HHL	firstorder	RootMeanSquared	100.1256472
wavelet-HHL	firstorder	90Percentile	83.39225242
wavelet-HHL	firstorder	Minimum	-250.0713961
wavelet-HHL	firstorder	Entropy	3.699337069
wavelet-HHL	firstorder	Range	449.0554985
wavelet-HHL	firstorder	Variance	9316.705171
wavelet-HHL	firstorder	10Percentile	-152.8928989
wavelet-HHL	firstorder	Kurtosis	3.2029094
wavelet-HHL	firstorder	Mean	-26.6165371
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.047772232
wavelet-HHL	glrlm	GrayLevelVariance	15.14499592
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.047935956
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.090849955
wavelet-HHL	glrlm	RunVariance	0.024864292
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.278482814
wavelet-HHL	glrlm	LongRunEmphasis	1.078786899
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	119.9458729
wavelet-HHL	glrlm	RunLengthNonUniformity	34.32802557
wavelet-HHL	glrlm	ShortRunEmphasis	0.980303275
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	133.8879112
wavelet-HHL	glrlm	RunPercentage	0.975051975
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.048590855
wavelet-HHL	glrlm	RunEntropy	3.773900203
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	122.7342805
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.950271416
wavelet-HHL	glszm	GrayLevelVariance	17.92592593
wavelet-HHL	glszm	ZoneVariance	0.455418381
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.080932785
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.582990398
wavelet-HHL	glszm	SizeZoneNonUniformity	15.74074074
wavelet-HHL	glszm	GrayLevelNonUniformity	2.185185185
wavelet-HHL	glszm	LargeAreaEmphasis	2.333333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	90.91255144
wavelet-HHL	glszm	ZonePercentage	0.72972973
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.072121555
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	307.2962963
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	117.9259259
wavelet-HHL	glszm	SmallAreaEmphasis	0.790123457
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.061144086
wavelet-HHL	glszm	ZoneEntropy	4.236368984
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.059237645

wavelet-HHL	ngtdm	Coarseness	0.128159996
wavelet-HHL	ngtdm	Complexity	312.3064964
wavelet-HHL	ngtdm	Strength	11.9987614
wavelet-HHL	ngtdm	Contrast	0.382517609
wavelet-HHL	ngtdm	Busyness	0.050000283
wavelet-HLH	gldm	GrayLevelVariance	31.27830533
wavelet-HLH	gldm	HighGrayLevelEmphasis	278.7027027
wavelet-HLH	gldm	DependenceEntropy	4.411891879
wavelet-HLH	gldm	DependenceNonUniformity	15.97297297
wavelet-HLH	gldm	GrayLevelNonUniformity	3.162162162
wavelet-HLH	gldm	SmallDependenceEmphasis	0.67210961
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	201.7484985
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.431701972
wavelet-HLH	gldm	LargeDependenceEmphasis	3.216216216
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.042405105
wavelet-HLH	gldm	DependenceVariance	0.673484295
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	819.5675676
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.030540609
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.032132806
wavelet-HLH	glcm	JointAverage	15.54101707
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wavelet-HLH	glcm	ClusterShade	47.73291715
wavelet-HLH	glcm	MaximumProbability	0.063521271
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wavelet-HLH	glcm	JointEnergy	0.038830748
wavelet-HLH	glcm	Contrast	47.4452379
wavelet-HLH	glcm	DifferenceEntropy	2.997909746
wavelet-HLH	glcm	InverseVariance	0.171789818
wavelet-HLH	glcm	DifferenceVariance	15.71396649
wavelet-HLH	glcm	Idn	0.869076451
wavelet-HLH	glcm	Idm	0.154094465
wavelet-HLH	glcm	Correlation	0.005663435
wavelet-HLH	glcm	Autocorrelation	242.8225952
wavelet-HLH	glcm	SumEntropy	3.31424153
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wavelet-HLH	glcm	ClusterProminence	10780.28378
wavelet-HLH	glcm	Imc2	0.995518803
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wavelet-HLH	glcm	DifferenceAverage	5.510924481
wavelet-HLH	glcm	Id	0.248361491
wavelet-HLH	glcm	ClusterTendency	50.35230951
wavelet-HLH	firstorder	InterquartileRange	137.9454642
wavelet-HLH	firstorder	Skewness	0.410776952
wavelet-HLH	firstorder	Uniformity	0.085463842
wavelet-HLH	firstorder	Median	30.06094476
wavelet-HLH	firstorder	Energy	758854.2569
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	59.57332894
wavelet-HLH	firstorder	MeanAbsoluteDeviation	99.76888957
wavelet-HLH	firstorder	TotalEnergy	20489064.94
wavelet-HLH	firstorder	Maximum	490.3698997
wavelet-HLH	firstorder	RootMeanSquared	143.2116424
wavelet-HLH	firstorder	90Percentile	200.5946625
wavelet-HLH	firstorder	Minimum	-346.2698044
wavelet-HLH	firstorder	Entropy	3.841096866

wavelet-HLH	firstorder	Range	836.6397041
wavelet-HLH	firstorder	Variance	19601.12185
wavelet-HLH	firstorder	10Percentile	-123.8867665
wavelet-HLH	firstorder	Kurtosis	5.276446595
wavelet-HLH	firstorder	Mean	30.14054836
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.032707672
wavelet-HLH	glrlm	GrayLevelVariance	31.86310601
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.032793539
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.084143417
wavelet-HLH	glrlm	RunVariance	0.022786894
wavelet-HLH	glrlm	GrayLevelNonUniformity	3.043428432
wavelet-HLH	glrlm	LongRunEmphasis	1.072376643
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	275.325232
wavelet-HLH	glrlm	RunLengthNonUniformity	34.5545213
wavelet-HLH	glrlm	ShortRunEmphasis	0.981905839
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	296.9709307
wavelet-HLH	glrlm	RunPercentage	0.977130977
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.033137006
wavelet-HLH	glrlm	RunEntropy	3.92077703
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	279.6543717
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.954426212
wavelet-HLH	glszm	GrayLevelVariance	40.09876543
wavelet-HLH	glszm	ZoneVariance	0.825788752
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.072702332
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.676268861
wavelet-HLH	glszm	SizeZoneNonUniformity	18.25925926
wavelet-HLH	glszm	GrayLevelNonUniformity	1.962962963
wavelet-HLH	glszm	LargeAreaEmphasis	2.703703704
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	257.8390535
wavelet-HLH	glszm	ZonePercentage	0.72972973
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.049871944
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	730.2962963
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	292.5555556
wavelet-HLH	glszm	SmallAreaEmphasis	0.843045267
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.042271368
wavelet-HLH	glszm	ZoneEntropy	4.236368984
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.041470356
wavelet-HLH	ngtdm	Coarseness	0.114334714
wavelet-HLH	ngtdm	Complexity	666.5185809
wavelet-HLH	ngtdm	Strength	20.70208743
wavelet-HLH	ngtdm	Contrast	0.837219268
wavelet-HLH	ngtdm	Busyness	0.035530441

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	4
general	info	MaskHash	1.13.1
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general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
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general	info	VolumeNum	1
general	info	VoxelNum	566
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original	shape	SurfaceVolumeRatio	0.244926935
original	shape	Volume	15282
original	shape	MajorAxis	39.088547
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original	shape	Flatness	0.566429378
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original	shape	Maximum2DDiameterColumn	37.94733192
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original	gldm	GrayLevelVariance	66.14634969
original	gldm	HighGrayLevelEmphasis	894.4876325
original	gldm	DependenceEntropy	6.499302094
original	gldm	DependenceNonUniformity	84.91166078
original	gldm	GrayLevelNonUniformity	61.22614841
original	gldm	SmallDependenceEmphasis	0.374731562
original	gldm	SmallDependenceHighGrayLevelEmphasis	230.9233069
original	gldm	DependenceNonUniformityNormalized	0.150020602
original	gldm	LargeDependenceEmphasis	57.24734982
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.058959193
original	gldm	DependenceVariance	29.04111676
original	gldm	LargeDependenceHighGrayLevelEmphasis	66210.37102

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004208872
original	gldm	LowGrayLevelEmphasis	0.005314993
original	glcm	JointAverage	30.20723818
original	glcm	SumAverage	60.41447636
original	glcm	JointEntropy	6.585705756
original	glcm	ClusterShade	-3673.248433
original	glcm	MaximumProbability	0.139733599
original	glcm	ldmn	0.968232516
original	glcm	JointEnergy	0.037370001
original	glcm	Contrast	51.39974673
original	glcm	DifferenceEntropy	3.609074261
original	glcm	InverseVariance	0.278014414
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original	glcm	ldn	0.904902809
original	glcm	ldm	0.369531949
original	glcm	Correlation	0.501336571
original	glcm	Autocorrelation	938.9590731
original	glcm	SumEntropy	4.618527313
original	glcm	SumSquares	52.15199462
original	glcm	ClusterProminence	155800.4779
original	glcm	lmc2	0.91237275
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original	glcm	DifferenceAverage	4.516578724
original	glcm	ld	0.4268453
original	glcm	ClusterTendency	157.2082318
original	firstorder	InterquartileRange	225.5
original	firstorder	Skewness	-1.485288695
original	firstorder	Uniformity	0.108173407
original	firstorder	Median	-14
original	firstorder	Energy	31368301
original	firstorder	RobustMeanAbsoluteDeviation	107.2785034
original	firstorder	MeanAbsoluteDeviation	160.5874652
original	firstorder	TotalEnergy	846944127
original	firstorder	Maximum	83
original	firstorder	RootMeanSquared	235.4167082
original	firstorder	90Percentile	36
original	firstorder	Minimum	-824
original	firstorder	Entropy	4.111384925
original	firstorder	Range	907
original	firstorder	Variance	41244.46392
original	firstorder	10Percentile	-421
original	firstorder	Kurtosis	4.385174719
original	firstorder	Mean	-119.065371
original	glrlm	ShortRunLowGrayLevelEmphasis	0.006010994
original	glrlm	GrayLevelVariance	71.57045337
original	glrlm	LowGrayLevelRunEmphasis	0.006146422
original	glrlm	GrayLevelNonUniformityNormalized	0.074973208
original	glrlm	RunVariance	0.353608847
original	glrlm	GrayLevelNonUniformity	35.43584668
original	glrlm	LongRunEmphasis	1.794212194
original	glrlm	ShortRunHighGrayLevelEmphasis	723.41071
original	glrlm	RunLengthNonUniformity	360.0943167
original	glrlm	ShortRunEmphasis	0.89355244

original	glrlm	LongRunHighGrayLevelEmphasis	1757.239346
original	glrlm	RunPercentage	0.834194074
original	glrlm	LongRunLowGrayLevelEmphasis	0.007005013
original	glrlm	RunEntropy	4.940830573
original	glrlm	HighGrayLevelRunEmphasis	844.4504962
original	glrlm	RunLengthNonUniformityNormalized	0.761989386
original	glszm	GrayLevelVariance	73.95299938
original	glszm	ZoneVariance	125.8838852
original	glszm	GrayLevelNonUniformityNormalized	0.039785611
original	glszm	SizeZoneNonUniformityNormalized	0.610127246
original	glszm	SizeZoneNonUniformity	140.9393939
original	glszm	GrayLevelNonUniformity	9.19047619
original	glszm	LargeAreaEmphasis	131.8874459
original	glszm	SmallAreaHighGrayLevelEmphasis	465.8857648
original	glszm	ZonePercentage	0.408127208
original	glszm	LargeAreaLowGrayLevelEmphasis	0.126184812
original	glszm	LargeAreaHighGrayLevelEmphasis	154310.8571
original	glszm	HighGrayLevelZoneEmphasis	616.1774892
original	glszm	SmallAreaEmphasis	0.808547125
original	glszm	LowGrayLevelZoneEmphasis	0.010749934
original	glszm	ZoneEntropy	5.669812722
original	glszm	SmallAreaLowGrayLevelEmphasis	0.010056072
original	ngtdm	Coarseness	0.008317027
original	ngtdm	Complexity	2154.821435
original	ngtdm	Strength	10.02319869
original	ngtdm	Contrast	0.357318
original	ngtdm	Busyness	0.077957866
wavelet-HHH	gldm	GrayLevelVariance	4.713431308
wavelet-HHH	gldm	HighGrayLevelEmphasis	61.78798587
wavelet-HHH	gldm	DependenceEntropy	5.837358478
wavelet-HHH	gldm	DependenceNonUniformity	65.13427562
wavelet-HHH	gldm	GrayLevelNonUniformity	86.67137809
wavelet-HHH	gldm	SmallDependenceEmphasis	0.226149938
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	17.54379712
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.115078225
wavelet-HHH	gldm	LargeDependenceEmphasis	33.35689046
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.70645338
wavelet-HHH	gldm	DependenceVariance	11.63404463
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1847.498233
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009733377
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.033600953
wavelet-HHH	glcm	JointAverage	7.518206334
wavelet-HHH	glcm	SumAverage	15.03641267
wavelet-HHH	glcm	JointEntropy	5.669123948
wavelet-HHH	glcm	ClusterShade	1.230151963
wavelet-HHH	glcm	MaximumProbability	0.085796031
wavelet-HHH	glcm	Idmn	0.974897679
wavelet-HHH	glcm	JointEnergy	0.033746222
wavelet-HHH	glcm	Contrast	8.153801877
wavelet-HHH	glcm	DifferenceEntropy	2.658857983
wavelet-HHH	glcm	InverseVariance	0.381990292
wavelet-HHH	glcm	DifferenceVariance	3.831952039
wavelet-HHH	glcm	Idn	0.90003054



wavelet-HHH	glcm	Idm	0.399955834
wavelet-HHH	glcm	Correlation	-0.031754054
wavelet-HHH	glcm	Autocorrelation	56.38713958
wavelet-HHH	glcm	SumEntropy	3.406229218
wavelet-HHH	glcm	SumSquares	3.93896883
wavelet-HHH	glcm	ClusterProminence	281.521811
wavelet-HHH	glcm	Imc2	0.574178805
wavelet-HHH	glcm	Imc1	-0.069650334
wavelet-HHH	glcm	DifferenceAverage	2.066253866
wavelet-HHH	glcm	Id	0.467598112
wavelet-HHH	glcm	ClusterTendency	7.602073444
wavelet-HHH	firstorder	InterquartileRange	55.84408696
wavelet-HHH	firstorder	Skewness	0.229591306
wavelet-HHH	firstorder	Uniformity	0.153129643
wavelet-HHH	firstorder	Median	-0.431895122
wavelet-HHH	firstorder	Energy	1645731.153
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	23.89367978
wavelet-HHH	firstorder	MeanAbsoluteDeviation	39.20510045
wavelet-HHH	firstorder	TotalEnergy	44434741.13
wavelet-HHH	firstorder	Maximum	242.467598
wavelet-HHH	firstorder	RootMeanSquared	53.92265029
wavelet-HHH	firstorder	90Percentile	64.29964827
wavelet-HHH	firstorder	Minimum	-166.5880149
wavelet-HHH	firstorder	Entropy	3.07416405
wavelet-HHH	firstorder	Range	409.0556129
wavelet-HHH	firstorder	Variance	2905.907768
wavelet-HHH	firstorder	10Percentile	-59.61008434
wavelet-HHH	firstorder	Kurtosis	4.679903366
wavelet-HHH	firstorder	Mean	1.32077462
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.03271494
wavelet-HHH	glrlm	GrayLevelVariance	5.256247929
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.035242974
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.138199538
wavelet-HHH	glrlm	RunVariance	0.218528204
wavelet-HHH	glrlm	GrayLevelNonUniformity	67.22393651
wavelet-HHH	glrlm	LongRunEmphasis	1.575692136
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	57.00422702
wavelet-HHH	glrlm	RunLengthNonUniformity	373.0892783
wavelet-HHH	glrlm	ShortRunEmphasis	0.897413505
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	94.89394124
wavelet-HHH	glrlm	RunPercentage	0.85920087
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.048434444
wavelet-HHH	glrlm	RunEntropy	3.763098315
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	62.75294451
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.766456337
wavelet-HHH	glszm	GrayLevelVariance	11.94952226
wavelet-HHH	glszm	ZoneVariance	271.0900787
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.098251307
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.462652485
wavelet-HHH	glszm	SizeZoneNonUniformity	59.68217054
wavelet-HHH	glszm	GrayLevelNonUniformity	12.6744186
wavelet-HHH	glszm	LargeAreaEmphasis	290.3410853
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	60.22489075

wavelet-HHH	glszm	ZonePercentage	0.227915194
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	5.511188041
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	16305.92248
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	78.20155039
wavelet-HHH	glszm	SmallAreaEmphasis	0.706789746
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.053382023
wavelet-HHH	glszm	ZoneEntropy	4.900900754
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.032168611
wavelet-HHH	ngtdm	Coarseness	0.01210819
wavelet-HHH	ngtdm	Complexity	174.5520382
wavelet-HHH	ngtdm	Strength	0.943029373
wavelet-HHH	ngtdm	Contrast	0.065877187
wavelet-HHH	ngtdm	Busyness	0.55572327
wavelet-HLL	gldm	GrayLevelVariance	38.22741263
wavelet-HLL	gldm	HighGrayLevelEmphasis	389.1607774
wavelet-HLL	gldm	DependenceEntropy	6.564975979
wavelet-HLL	gldm	DependenceNonUniformity	118.1943463
wavelet-HLL	gldm	GrayLevelNonUniformity	30.19081272
wavelet-HLL	gldm	SmallDependenceEmphasis	0.398004997
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	161.8351118
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.208823933
wavelet-HLL	gldm	LargeDependenceEmphasis	13.00706714
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.054646383
wavelet-HLL	gldm	DependenceVariance	4.875501005
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5113.10424
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002885998
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.007842475
wavelet-HLL	glcm	JointAverage	18.5707583
wavelet-HLL	glcm	SumAverage	37.1415166
wavelet-HLL	glcm	JointEntropy	7.901323314
wavelet-HLL	glcm	ClusterShade	331.8360381
wavelet-HLL	glcm	MaximumProbability	0.024904625
wavelet-HLL	glcm	ldmn	0.968162814
wavelet-HLL	glcm	JointEnergy	0.006224495
wavelet-HLL	glcm	Contrast	44.25323097
wavelet-HLL	glcm	DifferenceEntropy	3.707066932
wavelet-HLL	glcm	InverseVariance	0.218442162
wavelet-HLL	glcm	DifferenceVariance	18.89855021
wavelet-HLL	glcm	ldn	0.887486533
wavelet-HLL	glcm	ldm	0.222517485
wavelet-HLL	glcm	Correlation	0.360845408
wavelet-HLL	glcm	Autocorrelation	357.5576904
wavelet-HLL	glcm	SumEntropy	5.113207783
wavelet-HLL	glcm	SumSquares	34.79449273
wavelet-HLL	glcm	ClusterProminence	30709.70437
wavelet-HLL	glcm	lmc2	0.913902086
wavelet-HLL	glcm	lmc1	-0.209699267
wavelet-HLL	glcm	DifferenceAverage	4.887488139
wavelet-HLL	glcm	ld	0.308895048
wavelet-HLL	glcm	ClusterTendency	94.92473994
wavelet-HLL	firstorder	InterquartileRange	182.7438069
wavelet-HLL	firstorder	Skewness	0.270230836
wavelet-HLL	firstorder	Uniformity	0.053340659

wavelet-HLL	firstorder	Median	-41.0831327
wavelet-HLL	firstorder	Energy	14520891.65
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	80.43081828
wavelet-HLL	firstorder	MeanAbsoluteDeviation	119.7191779
wavelet-HLL	firstorder	TotalEnergy	392064074.6
wavelet-HLL	firstorder	Maximum	357.6766071
wavelet-HLL	firstorder	RootMeanSquared	160.1726743
wavelet-HLL	firstorder	90Percentile	176.8554633
wavelet-HLL	firstorder	Minimum	-499.0969564
wavelet-HLL	firstorder	Entropy	4.527405697
wavelet-HLL	firstorder	Range	856.7735635
wavelet-HLL	firstorder	Variance	23735.8541
wavelet-HLL	firstorder	10Percentile	-233.8652917
wavelet-HLL	firstorder	Kurtosis	2.990435797
wavelet-HLL	firstorder	Mean	-43.81131705
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.007733966
wavelet-HLL	grlm	GrayLevelVariance	39.60532424
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.008030229
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.05110896
wavelet-HLL	grlm	RunVariance	0.105106667
wavelet-HLL	grlm	GrayLevelNonUniformity	26.87564059
wavelet-HLL	grlm	LongRunEmphasis	1.268626889
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	370.5114162
wavelet-HLL	grlm	RunLengthNonUniformity	462.2503396
wavelet-HLL	grlm	ShortRunEmphasis	0.949620881
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	494.2223575
wavelet-HLL	grlm	RunPercentage	0.928784996
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.009393629
wavelet-HLL	grlm	RunEntropy	4.878230633
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	389.5532563
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.877870104
wavelet-HLL	glszm	GrayLevelVariance	51.29075623
wavelet-HLL	glszm	ZoneVariance	19.42425537
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041320801
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.479858398
wavelet-HLL	glszm	SizeZoneNonUniformity	122.84375
wavelet-HLL	glszm	GrayLevelNonUniformity	10.578125
wavelet-HLL	glszm	LargeAreaEmphasis	24.3125
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	297.9545292
wavelet-HLL	glszm	ZonePercentage	0.45229682
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.088239624
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	9379.886719
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	406.2304688
wavelet-HLL	glszm	SmallAreaEmphasis	0.719632676
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.008930814
wavelet-HLL	glszm	ZoneEntropy	5.974321117
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004737961
wavelet-HLL	ngtdm	Coarseness	0.013413907
wavelet-HLL	ngtdm	Complexity	1420.082508
wavelet-HLL	ngtdm	Strength	4.413587685
wavelet-HLL	ngtdm	Contrast	0.250568542
wavelet-HLL	ngtdm	Busyness	0.127589939
wavelet-LHL	gldm	GrayLevelVariance	61.14210753

wavelet-LHL	gldm	HighGrayLevelEmphasis	620.5565371
wavelet-LHL	gldm	DependenceEntropy	6.638481704
wavelet-LHL	gldm	DependenceNonUniformity	144.2685512
wavelet-LHL	gldm	GrayLevelNonUniformity	25.74911661
wavelet-LHL	gldm	SmallDependenceEmphasis	0.500098629
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	324.5229749
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.254891433
wavelet-LHL	gldm	LargeDependenceEmphasis	13.72438163
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.027039874
wavelet-LHL	gldm	DependenceVariance	6.378940928
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	8644.581272
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003633083
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004801058
wavelet-LHL	glcm	JointAverage	23.15066447
wavelet-LHL	glcm	SumAverage	46.30132895
wavelet-LHL	glcm	JointEntropy	8.200269494
wavelet-LHL	glcm	ClusterShade	554.4949098
wavelet-LHL	glcm	MaximumProbability	0.030655017
wavelet-LHL	glcm	ldmn	0.968001923
wavelet-LHL	glcm	JointEnergy	0.005857092
wavelet-LHL	glcm	Contrast	90.18423004
wavelet-LHL	glcm	DifferenceEntropy	4.156095656
wavelet-LHL	glcm	InverseVariance	0.192986194
wavelet-LHL	glcm	DifferenceVariance	43.52778993
wavelet-LHL	glcm	ldn	0.891511326
wavelet-LHL	glcm	ldm	0.199255112
wavelet-LHL	glcm	Correlation	0.135244558
wavelet-LHL	glcm	Autocorrelation	543.2781443
wavelet-LHL	glcm	SumEntropy	5.190829156
wavelet-LHL	glcm	SumSquares	52.3930999
wavelet-LHL	glcm	ClusterProminence	68086.43804
wavelet-LHL	glcm	lmc2	0.948453193
wavelet-LHL	glcm	lmc1	-0.24728839
wavelet-LHL	glcm	DifferenceAverage	6.659458284
wavelet-LHL	glcm	ld	0.27936746
wavelet-LHL	glcm	ClusterTendency	119.3881696
wavelet-LHL	firstorder	InterquartileRange	198.4708223
wavelet-LHL	firstorder	Skewness	0.259320814
wavelet-LHL	firstorder	Uniformity	0.045493139
wavelet-LHL	firstorder	Median	-38.33491546
wavelet-LHL	firstorder	Energy	22762178.97
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	90.31874497
wavelet-LHL	firstorder	MeanAbsoluteDeviation	145.3691626
wavelet-LHL	firstorder	TotalEnergy	614578832.2
wavelet-LHL	firstorder	Maximum	579.8949072
wavelet-LHL	firstorder	RootMeanSquared	200.5389336
wavelet-LHL	firstorder	90Percentile	214.4265367
wavelet-LHL	firstorder	Minimum	-606.9547739
wavelet-LHL	firstorder	Entropy	4.852142144
wavelet-LHL	firstorder	Range	1186.849681
wavelet-LHL	firstorder	Variance	38073.8766
wavelet-LHL	firstorder	10Percentile	-306.1279797
wavelet-LHL	firstorder	Kurtosis	3.585084326

wavelet-LHL	firstorder	Mean	-46.28160873
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004909711
wavelet-LHL	glrlm	GrayLevelVariance	64.26695264
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005001993
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.042182268
wavelet-LHL	glrlm	RunVariance	0.096488469
wavelet-LHL	glrlm	GrayLevelNonUniformity	22.31050893
wavelet-LHL	glrlm	LongRunEmphasis	1.243970751
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	593.9119433
wavelet-LHL	glrlm	RunLengthNonUniformity	470.6018765
wavelet-LHL	glrlm	ShortRunEmphasis	0.95471203
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	771.7186796
wavelet-LHL	glrlm	RunPercentage	0.934221256
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005469488
wavelet-LHL	glrlm	RunEntropy	5.181837138
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	621.2362755
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.889425102
wavelet-LHL	glszm	GrayLevelVariance	89.83633598
wavelet-LHL	glszm	ZoneVariance	14.02715145
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.032020333
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.598342333
wavelet-LHL	glszm	SizeZoneNonUniformity	187.2811502
wavelet-LHL	glszm	GrayLevelNonUniformity	10.02236422
wavelet-LHL	glszm	LargeAreaEmphasis	17.2971246
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	526.2131904
wavelet-LHL	glszm	ZonePercentage	0.553003534
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.034550252
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	10885.90735
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	645.3194888
wavelet-LHL	glszm	SmallAreaEmphasis	0.800410186
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.006886328
wavelet-LHL	glszm	ZoneEntropy	6.083546762
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006306254
wavelet-LHL	ngtdm	Coarseness	0.013055303
wavelet-LHL	ngtdm	Complexity	3772.460315
wavelet-LHL	ngtdm	Strength	7.523270399
wavelet-LHL	ngtdm	Contrast	0.30885792
wavelet-LHL	ngtdm	Busyness	0.068891591
wavelet-LHH	gldm	GrayLevelVariance	19.24050744
wavelet-LHH	gldm	HighGrayLevelEmphasis	445.8162544
wavelet-LHH	gldm	DependenceEntropy	6.211406664
wavelet-LHH	gldm	DependenceNonUniformity	100.1625442
wavelet-LHH	gldm	GrayLevelNonUniformity	46.09540636
wavelet-LHH	gldm	SmallDependenceEmphasis	0.35967069
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	169.3706432
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.176965626
wavelet-LHH	gldm	LargeDependenceEmphasis	16.86925795
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.055683759
wavelet-LHH	gldm	DependenceVariance	6.231979423
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	7111.169611
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001990248
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006274135
wavelet-LHH	glcm	JointAverage	20.6610845

wavelet-LHH	glcm	SumAverage	41.322169
wavelet-LHH	glcm	JointEntropy	7.246655525
wavelet-LHH	glcm	ClusterShade	-6.278358014
wavelet-LHH	glcm	MaximumProbability	0.039025047
wavelet-LHH	glcm	Idmn	0.977126513
wavelet-LHH	glcm	JointEnergy	0.011397534
wavelet-LHH	glcm	Contrast	35.85894343
wavelet-LHH	glcm	DifferenceEntropy	3.533050317
wavelet-LHH	glcm	InverseVariance	0.264116652
wavelet-LHH	glcm	DifferenceVariance	18.07497841
wavelet-LHH	glcm	Idn	0.907694633
wavelet-LHH	glcm	Idm	0.267490493
wavelet-LHH	glcm	Correlation	0.002504473
wavelet-LHH	glcm	Autocorrelation	426.9130659
wavelet-LHH	glcm	SumEntropy	4.397022184
wavelet-LHH	glcm	SumSquares	17.94455915
wavelet-LHH	glcm	ClusterProminence	8436.239548
wavelet-LHH	glcm	Imc2	0.833282607
wavelet-LHH	glcm	Imc1	-0.154796757
wavelet-LHH	glcm	DifferenceAverage	4.145109875
wavelet-LHH	glcm	Id	0.349247237
wavelet-LHH	glcm	ClusterTendency	35.91929316
wavelet-LHH	firstorder	InterquartileRange	105.9404453
wavelet-LHH	firstorder	Skewness	-0.119892021
wavelet-LHH	firstorder	Uniformity	0.081440647
wavelet-LHH	firstorder	Median	-1.221160159
wavelet-LHH	firstorder	Energy	6753222.982
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	46.6678028
wavelet-LHH	firstorder	MeanAbsoluteDeviation	78.01100786
wavelet-LHH	firstorder	TotalEnergy	182337020.5
wavelet-LHH	firstorder	Maximum	406.1915447
wavelet-LHH	firstorder	RootMeanSquared	109.2313571
wavelet-LHH	firstorder	90Percentile	132.4608133
wavelet-LHH	firstorder	Minimum	-487.3983319
wavelet-LHH	firstorder	Entropy	4.029915565
wavelet-LHH	firstorder	Range	893.5898765
wavelet-LHH	firstorder	Variance	11917.72726
wavelet-LHH	firstorder	10Percentile	-113.2007515
wavelet-LHH	firstorder	Kurtosis	5.181329171
wavelet-LHH	firstorder	Mean	3.709731285
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.006200029
wavelet-LHH	grlm	GrayLevelVariance	20.57093154
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.006477247
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.075424516
wavelet-LHH	grlm	RunVariance	0.12071524
wavelet-LHH	grlm	GrayLevelNonUniformity	38.98741259
wavelet-LHH	grlm	LongRunEmphasis	1.323300782
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	421.1172556
wavelet-LHH	grlm	RunLengthNonUniformity	439.7856247
wavelet-LHH	grlm	ShortRunEmphasis	0.937133239
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	584.4749178
wavelet-LHH	grlm	RunPercentage	0.913019842
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.007763806

wavelet-LHH	grlm	RunEntropy	4.483282893
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	447.9177684
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.849901074
wavelet-LHH	glszm	GrayLevelVariance	34.49219467
wavelet-LHH	glszm	ZoneVariance	48.03107138
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.052753884
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.47107438
wavelet-LHH	glszm	SizeZoneNonUniformity	108.8181818
wavelet-LHH	glszm	GrayLevelNonUniformity	12.18614719
wavelet-LHH	glszm	LargeAreaEmphasis	54.03463203
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	340.5849727
wavelet-LHH	glszm	ZonePercentage	0.408127208
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.149066697
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	22593.63636
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	469.1515152
wavelet-LHH	glszm	SmallAreaEmphasis	0.712462159
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007388809
wavelet-LHH	glszm	ZoneEntropy	5.691954711
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003352689
wavelet-LHH	ngtdm	Coarseness	0.012828047
wavelet-LHH	ngtdm	Complexity	1311.919711
wavelet-LHH	ngtdm	Strength	3.904687353
wavelet-LHH	ngtdm	Contrast	0.123475491
wavelet-LHH	ngtdm	Busyness	0.093941508
wavelet-LLH	gldm	GrayLevelVariance	72.86749741
wavelet-LLH	gldm	HighGrayLevelEmphasis	989.4805654
wavelet-LLH	gldm	DependenceEntropy	6.580029886
wavelet-LLH	gldm	DependenceNonUniformity	132.9964664
wavelet-LLH	gldm	GrayLevelNonUniformity	30.66077739
wavelet-LLH	gldm	SmallDependenceEmphasis	0.455960049
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	503.6531958
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.234976089
wavelet-LLH	gldm	LargeDependenceEmphasis	11.92579505
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015362435
wavelet-LLH	gldm	DependenceVariance	4.732784777
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	11314.25795
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002586836
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003260018
wavelet-LLH	glcm	JointAverage	29.64594084
wavelet-LLH	glcm	SumAverage	59.29188168
wavelet-LLH	glcm	JointEntropy	8.023037907
wavelet-LLH	glcm	ClusterShade	2039.949886
wavelet-LLH	glcm	MaximumProbability	0.028200056
wavelet-LLH	glcm	ldmn	0.983315636
wavelet-LLH	glcm	JointEnergy	0.006467825
wavelet-LLH	glcm	Contrast	112.0737525
wavelet-LLH	glcm	DifferenceEntropy	4.088621984
wavelet-LLH	glcm	InverseVariance	0.213740305
wavelet-LLH	glcm	DifferenceVariance	65.484016
wavelet-LLH	glcm	ldn	0.927216729
wavelet-LLH	glcm	ldm	0.210472453
wavelet-LLH	glcm	Correlation	0.100325934
wavelet-LLH	glcm	Autocorrelation	887.0413709

wavelet-LLH	glcm	SumEntropy	5.134010938
wavelet-LLH	glcm	SumSquares	64.15778488
wavelet-LLH	glcm	ClusterProminence	210446.6578
wavelet-LLH	glcm	Imc2	0.951007703
wavelet-LLH	glcm	Imc1	-0.259897516
wavelet-LLH	glcm	DifferenceAverage	6.628255411
wavelet-LLH	glcm	Id	0.291425083
wavelet-LLH	glcm	ClusterTendency	144.557387
wavelet-LLH	firstorder	InterquartileRange	155.8885659
wavelet-LLH	firstorder	Skewness	1.231404928
wavelet-LLH	firstorder	Uniformity	0.054170985
wavelet-LLH	firstorder	Median	-39.04690211
wavelet-LLH	firstorder	Energy	26236535.47
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	74.26165773
wavelet-LLH	firstorder	MeanAbsoluteDeviation	138.9067174
wavelet-LLH	firstorder	TotalEnergy	708386457.7
wavelet-LLH	firstorder	Maximum	1102.416048
wavelet-LLH	firstorder	RootMeanSquared	215.3004945
wavelet-LLH	firstorder	90Percentile	187.0193467
wavelet-LLH	firstorder	Minimum	-751.6815337
wavelet-LLH	firstorder	Entropy	4.736770964
wavelet-LLH	firstorder	Range	1854.097582
wavelet-LLH	firstorder	Variance	45400.03942
wavelet-LLH	firstorder	10Percentile	-241.1155074
wavelet-LLH	firstorder	Kurtosis	7.881515365
wavelet-LLH	firstorder	Mean	-30.89115626
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003351007
wavelet-LLH	glrlm	GrayLevelVariance	76.94976981
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003405585
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.050838049
wavelet-LLH	glrlm	RunVariance	0.086846673
wavelet-LLH	glrlm	GrayLevelNonUniformity	26.91622302
wavelet-LLH	glrlm	LongRunEmphasis	1.230852716
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	952.0312941
wavelet-LLH	glrlm	RunLengthNonUniformity	469.3980104
wavelet-LLH	glrlm	ShortRunEmphasis	0.953709054
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1207.7552
wavelet-LLH	glrlm	RunPercentage	0.935308508
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003671485
wavelet-LLH	glrlm	RunEntropy	5.091094169
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	994.3194716
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.886320031
wavelet-LLH	glszm	GrayLevelVariance	123.4748147
wavelet-LLH	glszm	ZoneVariance	17.5968918
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033584368
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.540570635
wavelet-LLH	glszm	SizeZoneNonUniformity	156.2249135
wavelet-LLH	glszm	GrayLevelNonUniformity	9.705882353
wavelet-LLH	glszm	LargeAreaEmphasis	21.43252595
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	872.7635654
wavelet-LLH	glszm	ZonePercentage	0.510600707
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.027083447
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	20634.92734



wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1081.259516
wavelet-LLH	glszm	SmallAreaEmphasis	0.762894128
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.005214381
wavelet-LLH	glszm	ZoneEntropy	6.258517398
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004899383
wavelet-LLH	ngtdm	Coarseness	0.012876915
wavelet-LLH	ngtdm	Complexity	6476.190713
wavelet-LLH	ngtdm	Strength	16.6442655
wavelet-LLH	ngtdm	Contrast	0.234408037
wavelet-LLH	ngtdm	Busyness	0.036597259
wavelet-LLL	gldm	GrayLevelVariance	513.4495748
wavelet-LLL	gldm	HighGrayLevelEmphasis	4725.597173
wavelet-LLL	gldm	DependenceEntropy	7.156954608
wavelet-LLL	gldm	DependenceNonUniformity	202.8904594
wavelet-LLL	gldm	GrayLevelNonUniformity	12.92932862
wavelet-LLL	gldm	SmallDependenceEmphasis	0.61873988
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2368.359521
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.358463709
wavelet-LLL	gldm	LargeDependenceEmphasis	8.056537102
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007746362
wavelet-LLL	gldm	DependenceVariance	3.44087203
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	53877.90459
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005226833
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005543016
wavelet-LLL	glcm	JointAverage	69.84022369
wavelet-LLL	glcm	SumAverage	139.6804474
wavelet-LLL	glcm	JointEntropy	8.928387246
wavelet-LLL	glcm	ClusterShade	-62918.2249
wavelet-LLL	glcm	MaximumProbability	0.014262316
wavelet-LLL	glcm	Idmn	0.962185569
wavelet-LLL	glcm	JointEnergy	0.002962486
wavelet-LLL	glcm	Contrast	367.9610492
wavelet-LLL	glcm	DifferenceEntropy	5.058912255
wavelet-LLL	glcm	InverseVariance	0.137576971
wavelet-LLL	glcm	DifferenceVariance	173.4380127
wavelet-LLL	glcm	Idn	0.883046081
wavelet-LLL	glcm	Idm	0.138857836
wavelet-LLL	glcm	Correlation	0.561875435
wavelet-LLL	glcm	Autocorrelation	5116.765784
wavelet-LLL	glcm	SumEntropy	6.373582898
wavelet-LLL	glcm	SumSquares	422.8228369
wavelet-LLL	glcm	ClusterProminence	7453284.716
wavelet-LLL	glcm	Imc2	0.995106608
wavelet-LLL	glcm	Imc1	-0.412386579
wavelet-LLL	glcm	DifferenceAverage	13.7042733
wavelet-LLL	glcm	Id	0.205259458
wavelet-LLL	glcm	ClusterTendency	1323.330298
wavelet-LLL	firstorder	InterquartileRange	867.8027185
wavelet-LLL	firstorder	Skewness	-0.932667578
wavelet-LLL	firstorder	Uniformity	0.022843337
wavelet-LLL	firstorder	Median	-233.5668714
wavelet-LLL	firstorder	Energy	279704240.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	353.0221783

wavelet-LLL	firstorder	MeanAbsoluteDeviation	473.7157364
wavelet-LLL	firstorder	TotalEnergy	7552014500
wavelet-LLL	firstorder	Maximum	273.7897296
wavelet-LLL	firstorder	RootMeanSquared	702.9773139
wavelet-LLL	firstorder	90Percentile	138.3865734
wavelet-LLL	firstorder	Minimum	-2014.822851
wavelet-LLL	firstorder	Entropy	5.906541938
wavelet-LLL	firstorder	Range	2288.612581
wavelet-LLL	firstorder	Variance	321526.8347
wavelet-LLL	firstorder	10Percentile	-1225.560668
wavelet-LLL	firstorder	Kurtosis	2.956423039
wavelet-LLL	firstorder	Mean	-415.5120565
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.005762261
wavelet-LLL	grlm	GrayLevelVariance	516.4530018
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.005778491
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.021190103
wavelet-LLL	grlm	RunVariance	0.054714306
wavelet-LLL	grlm	GrayLevelNonUniformity	11.46785673
wavelet-LLL	grlm	LongRunEmphasis	1.150150104
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	4420.498546
wavelet-LLL	grlm	RunLengthNonUniformity	498.1877976
wavelet-LLL	grlm	ShortRunEmphasis	0.968243449
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	5647.161435
wavelet-LLL	grlm	RunPercentage	0.955830389
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.005846646
wavelet-LLL	grlm	RunEntropy	6.135769747
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	4632.650373
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.920477484
wavelet-LLL	glszm	GrayLevelVariance	499.2697338
wavelet-LLL	glszm	ZoneVariance	5.231430602
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015204497
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.704592307
wavelet-LLL	glszm	SizeZoneNonUniformity	265.6312997
wavelet-LLL	glszm	GrayLevelNonUniformity	5.732095491
wavelet-LLL	glszm	LargeAreaEmphasis	7.485411141
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3178.181234
wavelet-LLL	glszm	ZonePercentage	0.666077739
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009841283
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	49314.4191
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3899.366048
wavelet-LLL	glszm	SmallAreaEmphasis	0.862049196
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007965322
wavelet-LLL	glszm	ZoneEntropy	6.720384409
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007766212
wavelet-LLL	ngtdm	Coarseness	0.010830105
wavelet-LLL	ngtdm	Complexity	30011.99938
wavelet-LLL	ngtdm	Strength	46.04518126
wavelet-LLL	ngtdm	Contrast	1.357001536
wavelet-LLL	ngtdm	Busyness	0.013724986
wavelet-HHL	gldm	GrayLevelVariance	15.83614791
wavelet-HHL	gldm	HighGrayLevelEmphasis	187.4646643
wavelet-HHL	gldm	DependenceEntropy	6.210756529
wavelet-HHL	gldm	DependenceNonUniformity	92.10954064

wavelet-HHL	gldm	GrayLevelNonUniformity	51.77738516
wavelet-HHL	gldm	SmallDependenceEmphasis	0.315784364
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	69.97392169
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.162737704
wavelet-HHL	gldm	LargeDependenceEmphasis	22.04240283
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.16948842
wavelet-HHL	gldm	DependenceVariance	8.744396858
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3380.05477
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005111317
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012645981
wavelet-HHL	glcm	JointAverage	12.92318655
wavelet-HHL	glcm	SumAverage	25.8463731
wavelet-HHL	glcm	JointEntropy	6.929513987
wavelet-HHL	glcm	ClusterShade	110.3435532
wavelet-HHL	glcm	MaximumProbability	0.060730845
wavelet-HHL	glcm	Idmn	0.977015022
wavelet-HHL	glcm	JointEnergy	0.015311866
wavelet-HHL	glcm	Contrast	25.05861964
wavelet-HHL	glcm	DifferenceEntropy	3.311407354
wavelet-HHL	glcm	InverseVariance	0.292291756
wavelet-HHL	glcm	DifferenceVariance	12.37308906
wavelet-HHL	glcm	Idn	0.906909001
wavelet-HHL	glcm	Idm	0.300738649
wavelet-HHL	glcm	Correlation	0.039994024
wavelet-HHL	glcm	Autocorrelation	167.7066115
wavelet-HHL	glcm	SumEntropy	4.227308764
wavelet-HHL	glcm	SumSquares	13.19095965
wavelet-HHL	glcm	ClusterProminence	4041.208512
wavelet-HHL	glcm	Imc2	0.797870908
wavelet-HHL	glcm	Imc1	-0.140178817
wavelet-HHL	glcm	DifferenceAverage	3.499117766
wavelet-HHL	glcm	Id	0.379471781
wavelet-HHL	glcm	ClusterTendency	27.70521898
wavelet-HHL	firstorder	InterquartileRange	103.9044079
wavelet-HHL	firstorder	Skewness	0.568471245
wavelet-HHL	firstorder	Uniformity	0.091479479
wavelet-HHL	firstorder	Median	1.117521966
wavelet-HHL	firstorder	Energy	5789176.446
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	44.00037724
wavelet-HHL	firstorder	MeanAbsoluteDeviation	73.01525767
wavelet-HHL	firstorder	TotalEnergy	156307764.1
wavelet-HHL	firstorder	Maximum	472.5194853
wavelet-HHL	firstorder	RootMeanSquared	101.134697
wavelet-HHL	firstorder	90Percentile	139.0280846
wavelet-HHL	firstorder	Minimum	-292.9922423
wavelet-HHL	firstorder	Entropy	3.879183684
wavelet-HHL	firstorder	Range	765.5117276
wavelet-HHL	firstorder	Variance	9998.316884
wavelet-HHL	firstorder	10Percentile	-89.45659495
wavelet-HHL	firstorder	Kurtosis	4.78895765
wavelet-HHL	firstorder	Mean	15.16278515
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012488976
wavelet-HHL	glrlm	GrayLevelVariance	17.08277365

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.01312534
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.082979415
wavelet-HHL	glrlm	RunVariance	0.155907579
wavelet-HHL	glrlm	GrayLevelNonUniformity	42.1993753
wavelet-HHL	glrlm	LongRunEmphasis	1.40095432
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	179.1350028
wavelet-HHL	glrlm	RunLengthNonUniformity	422.5452373
wavelet-HHL	glrlm	ShortRunEmphasis	0.92749885
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	253.8413851
wavelet-HHL	glrlm	RunPercentage	0.898206034
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01643555
wavelet-HHL	glrlm	RunEntropy	4.390733761
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	190.7664919
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.829528503
wavelet-HHL	glszm	GrayLevelVariance	29.56479731
wavelet-HHL	glszm	ZoneVariance	59.54776074
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.05780765
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.413895307
wavelet-HHL	glszm	SizeZoneNonUniformity	85.6763285
wavelet-HHL	glszm	GrayLevelNonUniformity	11.96618357
wavelet-HHL	glszm	LargeAreaEmphasis	67.02415459
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	154.6664458
wavelet-HHL	glszm	ZonePercentage	0.365724382
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.480679629
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	10245.05797
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	218.3285024
wavelet-HHL	glszm	SmallAreaEmphasis	0.666869677
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.017588706
wavelet-HHL	glszm	ZoneEntropy	5.723292487
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011369171
wavelet-HHL	ngtdm	Coarseness	0.013130469
wavelet-HHL	ngtdm	Complexity	860.8625991
wavelet-HHL	ngtdm	Strength	3.129451949
wavelet-HHL	ngtdm	Contrast	0.116011179
wavelet-HHL	ngtdm	Busyness	0.172320005
wavelet-HLH	gldm	GrayLevelVariance	7.429412903
wavelet-HLH	gldm	HighGrayLevelEmphasis	190.4434629
wavelet-HLH	gldm	DependenceEntropy	6.02180324
wavelet-HLH	gldm	DependenceNonUniformity	69.41696113
wavelet-HLH	gldm	GrayLevelNonUniformity	73.95053004
wavelet-HLH	gldm	SmallDependenceEmphasis	0.258307408
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	52.03229225
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.122644808
wavelet-HLH	gldm	LargeDependenceEmphasis	32.20848057
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.185839683
wavelet-HLH	gldm	DependenceVariance	12.16466681
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	5803.701413
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003768799
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008204599
wavelet-HLH	glcm	JointAverage	13.55984874
wavelet-HLH	glcm	SumAverage	27.11969748
wavelet-HLH	glcm	JointEntropy	6.164011048
wavelet-HLH	glcm	ClusterShade	1.117561272

wavelet-HLH	glcm	MaximumProbability	0.084346578
wavelet-HLH	glcm	Idmn	0.975884942
wavelet-HLH	glcm	JointEnergy	0.02636448
wavelet-HLH	glcm	Contrast	13.30032966
wavelet-HLH	glcm	DifferenceEntropy	2.932676475
wavelet-HLH	glcm	InverseVariance	0.347976402
wavelet-HLH	glcm	DifferenceVariance	6.773479952
wavelet-HLH	glcm	Idn	0.90548607
wavelet-HLH	glcm	Idm	0.371362696
wavelet-HLH	glcm	Correlation	-0.017194549
wavelet-HLH	glcm	Autocorrelation	183.7839178
wavelet-HLH	glcm	SumEntropy	3.733844099
wavelet-HLH	glcm	SumSquares	6.560606314
wavelet-HLH	glcm	ClusterProminence	897.5755335
wavelet-HLH	glcm	Imc2	0.674021942
wavelet-HLH	glcm	Imc1	-0.095812288
wavelet-HLH	glcm	DifferenceAverage	2.535241748
wavelet-HLH	glcm	Id	0.441884216
wavelet-HLH	glcm	ClusterTendency	12.9420956
wavelet-HLH	firstorder	InterquartileRange	62.62850762
wavelet-HLH	firstorder	Skewness	-0.017986605
wavelet-HLH	firstorder	Uniformity	0.130654647
wavelet-HLH	firstorder	Median	-1.477925044
wavelet-HLH	firstorder	Energy	2593373.376
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	27.37336459
wavelet-HLH	firstorder	MeanAbsoluteDeviation	47.55305329
wavelet-HLH	firstorder	TotalEnergy	70021081.16
wavelet-HLH	firstorder	Maximum	214.1389741
wavelet-HLH	firstorder	RootMeanSquared	67.68996794
wavelet-HLH	firstorder	90Percentile	78.31640788
wavelet-HLH	firstorder	Minimum	-305.1938261
wavelet-HLH	firstorder	Entropy	3.355806153
wavelet-HLH	firstorder	Range	519.3328002
wavelet-HLH	firstorder	Variance	4580.525414
wavelet-HLH	firstorder	10Percentile	-75.03205035
wavelet-HLH	firstorder	Kurtosis	5.04044442
wavelet-HLH	firstorder	Mean	1.185894751
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.008031968
wavelet-HLH	grlm	GrayLevelVariance	8.291782358
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.008587425
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.116880599
wavelet-HLH	grlm	RunVariance	0.20878798
wavelet-HLH	grlm	GrayLevelNonUniformity	57.31267775
wavelet-HLH	grlm	LongRunEmphasis	1.543609594
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	173.8557918
wavelet-HLH	grlm	RunLengthNonUniformity	381.7774844
wavelet-HLH	grlm	ShortRunEmphasis	0.90324133
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	290.5454339
wavelet-HLH	grlm	RunPercentage	0.866268008
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.011703419
wavelet-HLH	grlm	RunEntropy	4.019726385
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	191.6371099
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.77801879

wavelet-HLH	glszm	GrayLevelVariance	17.91303477
wavelet-HLH	glszm	ZoneVariance	167.9394328
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.078913636
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.446963628
wavelet-HLH	glszm	SizeZoneNonUniformity	70.62025316
wavelet-HLH	glszm	GrayLevelNonUniformity	12.46835443
wavelet-HLH	glszm	LargeAreaEmphasis	180.7721519
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	142.7610792
wavelet-HLH	glszm	ZonePercentage	0.279151943
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	1.022679852
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	32645.29747
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	202.5632911
wavelet-HLH	glszm	SmallAreaEmphasis	0.693917966
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.014202977
wavelet-HLH	glszm	ZoneEntropy	5.195901871
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012019001
wavelet-HLH	ngtdm	Coarseness	0.012749173
wavelet-HLH	ngtdm	Complexity	325.8746477
wavelet-HLH	ngtdm	Strength	1.594323795
wavelet-HLH	ngtdm	Contrast	0.078075852
wavelet-HLH	ngtdm	Busyness	0.23158358

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	15: RTSTRUCT: C99-DNU_segment_GTV free (1, 1, 1, 7, 8, 10)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	4e42e1fde929cfe97182187505be39e8caf0246b
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	601d02d41a85228f4e963e8e96abf1e24b90d72f
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	243
original	shape	Maximum3DDiameter	29.84962311
original	shape	Maximum2DDiameterSlice	24.18677324
original	shape	Sphericity	0.799012772
original	shape	MinorAxis	22.47133978
original	shape	Elongation	0.822033836
original	shape	SurfaceVolumeRatio	0.323301007
original	shape	Volume	6561
original	shape	MajorAxis	27.33627107
original	shape	SurfaceArea	2121.177906
original	shape	Flatness	0.589298924
original	shape	LeastAxis	16.10923512
original	shape	Maximum2DDiameterColumn	27.65863337
original	shape	Maximum2DDiameterRow	28.46049894
original	gldm	GrayLevelVariance	24.38219106
original	gldm	HighGrayLevelEmphasis	543.5843621
original	gldm	DependenceEntropy	5.830065427
original	gldm	DependenceNonUniformity	32.25102881
original	gldm	GrayLevelNonUniformity	28.3909465
original	gldm	SmallDependenceEmphasis	0.325103248
original	gldm	SmallDependenceHighGrayLevelEmphasis	121.1553879
original	gldm	DependenceNonUniformityNormalized	0.132720283
original	gldm	LargeDependenceEmphasis	29.82304527
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.050966467
original	gldm	DependenceVariance	10.97386916
original	gldm	LargeDependenceHighGrayLevelEmphasis	19611.85597
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.005896411
original	gldm	LowGrayLevelEmphasis	0.007016876
original	glcm	JointAverage	23.77158165
original	glcm	SumAverage	47.5431633
original	glcm	JointEntropy	5.995389058
original	glcm	ClusterShade	-485.2120963
original	glcm	MaximumProbability	0.090788992
original	glcm	Idmn	0.973610711
original	glcm	JointEnergy	0.028070821
original	glcm	Contrast	28.46186108
original	glcm	DifferenceEntropy	3.184827298
original	glcm	InverseVariance	0.335647844

original	glcm	DifferenceVariance	17.34582597
original	glcm	Idn	0.911962756
original	glcm	Idm	0.373251634
original	glcm	Correlation	0.210330827
original	glcm	Autocorrelation	568.8924242
original	glcm	SumEntropy	4.138270607
original	glcm	SumSquares	18.01684901
original	glcm	ClusterProminence	11411.92252
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original	glcm	Id	0.436642472
original	glcm	ClusterTendency	43.60553497
original	firstorder	InterquartileRange	116
original	firstorder	Skewness	-1.850715378
original	firstorder	Uniformity	0.116835171
original	firstorder	Median	4
original	firstorder	Energy	4141269
original	firstorder	RobustMeanAbsoluteDeviation	53.31937507
original	firstorder	MeanAbsoluteDeviation	91.0611526
original	firstorder	TotalEnergy	111814263
original	firstorder	Maximum	130
original	firstorder	RootMeanSquared	130.5460044
original	firstorder	90Percentile	52
original	firstorder	Minimum	-576
original	firstorder	Entropy	3.654661987
original	firstorder	Range	706
original	firstorder	Variance	15095.74296
original	firstorder	10Percentile	-202.6
original	firstorder	Kurtosis	6.472164798
original	firstorder	Mean	-44.11934156
original	glrlm	ShortRunLowGrayLevelEmphasis	0.007682786
original	glrlm	GrayLevelVariance	26.41554045
original	glrlm	LowGrayLevelRunEmphasis	0.007827504
original	glrlm	GrayLevelNonUniformityNormalized	0.101802411
original	glrlm	RunVariance	0.20139702
original	glrlm	GrayLevelNonUniformity	21.57664461
original	glrlm	LongRunEmphasis	1.521696456
original	glrlm	ShortRunHighGrayLevelEmphasis	467.1949879
original	glrlm	RunLengthNonUniformity	166.8489802
original	glrlm	ShortRunEmphasis	0.907481316
original	glrlm	LongRunHighGrayLevelEmphasis	868.3253634
original	glrlm	RunPercentage	0.871478316
original	glrlm	LongRunLowGrayLevelEmphasis	0.008638716
original	glrlm	RunEntropy	4.280074402
original	glrlm	HighGrayLevelRunEmphasis	527.4159155
original	glrlm	RunLengthNonUniformityNormalized	0.786900944
original	glszm	GrayLevelVariance	34.65669909
original	glszm	ZoneVariance	62.21164175
original	glszm	GrayLevelNonUniformityNormalized	0.062563507
original	glszm	SizeZoneNonUniformityNormalized	0.625199594
original	glszm	SizeZoneNonUniformity	51.89156627
original	glszm	GrayLevelNonUniformity	5.192771084
original	glszm	LargeAreaEmphasis	70.78313253
original	glszm	SmallAreaHighGrayLevelEmphasis	276.7010328
original	glszm	ZonePercentage	0.341563786
original	glszm	LargeAreaLowGrayLevelEmphasis	0.124647196
original	glszm	LargeAreaHighGrayLevelEmphasis	46129



original	glszm	HighGrayLevelZoneEmphasis	374.9036145
original	glszm	SmallAreaEmphasis	0.813299907
original	glszm	LowGrayLevelZoneEmphasis	0.017382536
original	glszm	ZoneEntropy	4.939201745
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017000108
original	ngtdm	Coarseness	0.020999004
original	ngtdm	Complexity	802.7805522
original	ngtdm	Strength	10.32506967
original	ngtdm	Contrast	0.20292402
original	ngtdm	Busyness	0.056793866
wavelet-HHH	gldm	GrayLevelVariance	9.201171908
wavelet-HHH	gldm	HighGrayLevelEmphasis	120.7078189
wavelet-HHH	gldm	DependenceEntropy	5.753168936
wavelet-HHH	gldm	DependenceNonUniformity	40.29218107
wavelet-HHH	gldm	GrayLevelNonUniformity	28.15226337
wavelet-HHH	gldm	SmallDependenceEmphasis	0.343819304
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	46.27907041
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.165811445
wavelet-HHH	gldm	LargeDependenceEmphasis	19.79012346
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.195363629
wavelet-HHH	gldm	DependenceVariance	7.29404393
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2195.596708
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010901129
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.017569278
wavelet-HHH	glcm	JointAverage	10.53381077
wavelet-HHH	glcm	SumAverage	21.06762155
wavelet-HHH	glcm	JointEntropy	6.244961094
wavelet-HHH	glcm	ClusterShade	9.689797452
wavelet-HHH	glcm	MaximumProbability	0.056898933
wavelet-HHH	glcm	Idmn	0.962539408
wavelet-HHH	glcm	JointEnergy	0.02037652
wavelet-HHH	glcm	Contrast	17.73045668
wavelet-HHH	glcm	DifferenceEntropy	3.083235048
wavelet-HHH	glcm	InverseVariance	0.322309685
wavelet-HHH	glcm	DifferenceVariance	8.543068371
wavelet-HHH	glcm	Idn	0.881932205
wavelet-HHH	glcm	Idm	0.32631408
wavelet-HHH	glcm	Correlation	-0.040620757
wavelet-HHH	glcm	Autocorrelation	110.6122243
wavelet-HHH	glcm	SumEntropy	3.818622664
wavelet-HHH	glcm	SumSquares	8.513740642
wavelet-HHH	glcm	ClusterProminence	1272.379183
wavelet-HHH	glcm	Imc2	0.856419772
wavelet-HHH	glcm	Imc1	-0.194016413
wavelet-HHH	glcm	DifferenceAverage	3.001288379
wavelet-HHH	glcm	Id	0.402645361
wavelet-HHH	glcm	ClusterTendency	16.32450589
wavelet-HHH	firstorder	InterquartileRange	70.23614838
wavelet-HHH	firstorder	Skewness	0.129484455
wavelet-HHH	firstorder	Uniformity	0.115852936
wavelet-HHH	firstorder	Median	-2.035301076
wavelet-HHH	firstorder	Energy	1403136.688
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	31.96260124
wavelet-HHH	firstorder	MeanAbsoluteDeviation	54.78633266
wavelet-HHH	firstorder	TotalEnergy	37884690.57
wavelet-HHH	firstorder	Maximum	244.1933541
wavelet-HHH	firstorder	RootMeanSquared	75.98832181
wavelet-HHH	firstorder	90Percentile	102.3728148

wavelet-HHH	firstorder	Minimum	-247.5151901
wavelet-HHH	firstorder	Entropy	3.520660816
wavelet-HHH	firstorder	Range	491.7085442
wavelet-HHH	firstorder	Variance	5771.60714
wavelet-HHH	firstorder	10Percentile	-82.25346371
wavelet-HHH	firstorder	Kurtosis	4.261372025
wavelet-HHH	firstorder	Mean	1.617996265
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.017736998
wavelet-HHH	glrlm	GrayLevelVariance	9.998798044
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.018422116
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.107408127
wavelet-HHH	glrlm	RunVariance	0.137432248
wavelet-HHH	glrlm	GrayLevelNonUniformity	23.56169077
wavelet-HHH	glrlm	LongRunEmphasis	1.366737934
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	114.0167924
wavelet-HHH	glrlm	RunLengthNonUniformity	182.8877747
wavelet-HHH	glrlm	ShortRunEmphasis	0.929911443
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	162.3950384
wavelet-HHH	glrlm	RunPercentage	0.902500791
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.021963796
wavelet-HHH	glrlm	RunEntropy	4.007860754
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	121.787956
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.833480257
wavelet-HHH	glszm	GrayLevelVariance	19.52952542
wavelet-HHH	glszm	ZoneVariance	38.52868011
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.069436058
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.500543413
wavelet-HHH	glszm	SizeZoneNonUniformity	45.54945055
wavelet-HHH	glszm	GrayLevelNonUniformity	6.318681319
wavelet-HHH	glszm	LargeAreaEmphasis	45.65934066
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	101.9640031
wavelet-HHH	glszm	ZonePercentage	0.374485597
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.466545181
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4883.802198
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	135.032967
wavelet-HHH	glszm	SmallAreaEmphasis	0.734061615
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.030139442
wavelet-HHH	glszm	ZoneEntropy	5.050898735
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02716668
wavelet-HHH	ngtdm	Coarseness	0.028907768
wavelet-HHH	ngtdm	Complexity	341.8369144
wavelet-HHH	ngtdm	Strength	2.998844436
wavelet-HHH	ngtdm	Contrast	0.112853604
wavelet-HHH	ngtdm	Busyness	0.141126269
wavelet-HLL	gldm	GrayLevelVariance	15.22908093
wavelet-HLL	gldm	HighGrayLevelEmphasis	182.308642
wavelet-HLL	gldm	DependenceEntropy	5.801804867
wavelet-HLL	gldm	DependenceNonUniformity	41.19753086
wavelet-HLL	gldm	GrayLevelNonUniformity	22.44032922
wavelet-HLL	gldm	SmallDependenceEmphasis	0.34539579
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	72.64200051
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.169537164
wavelet-HLL	gldm	LargeDependenceEmphasis	15.38683128
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.216987312
wavelet-HLL	gldm	DependenceVariance	4.897762875
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2834.580247
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006506695
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.024857859

wavelet-HLL	glcm	JointAverage	13.09072081
wavelet-HLL	glcm	SumAverage	26.18144163
wavelet-HLL	glcm	JointEntropy	6.527060737
wavelet-HLL	glcm	ClusterShade	-106.8457577
wavelet-HLL	glcm	MaximumProbability	0.044157191
wavelet-HLL	glcm	Idmn	0.970642724
wavelet-HLL	glcm	JointEnergy	0.015676673
wavelet-HLL	glcm	Contrast	19.67915038
wavelet-HLL	glcm	DifferenceEntropy	3.120605323
wavelet-HLL	glcm	InverseVariance	0.305236394
wavelet-HLL	glcm	DifferenceVariance	9.42838261
wavelet-HLL	glcm	Idn	0.893743481
wavelet-HLL	glcm	Idm	0.302746703
wavelet-HLL	glcm	Correlation	0.149179156
wavelet-HLL	glcm	Autocorrelation	173.2927319
wavelet-HLL	glcm	SumEntropy	4.167664392
wavelet-HLL	glcm	SumSquares	11.74637807
wavelet-HLL	glcm	ClusterProminence	3935.066723
wavelet-HLL	glcm	Imc2	0.869854895
wavelet-HLL	glcm	Imc1	-0.199077936
wavelet-HLL	glcm	DifferenceAverage	3.155378387
wavelet-HLL	glcm	Id	0.384404275
wavelet-HLL	glcm	ClusterTendency	27.30636189
wavelet-HLL	firstorder	InterquartileRange	92.67436298
wavelet-HLL	firstorder	Skewness	-0.560292515
wavelet-HLL	firstorder	Uniformity	0.092347034
wavelet-HLL	firstorder	Median	-29.28062265
wavelet-HLL	firstorder	Energy	2658130.735
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	40.22789609
wavelet-HLL	firstorder	MeanAbsoluteDeviation	69.44846237
wavelet-HLL	firstorder	TotalEnergy	71769529.84
wavelet-HLL	firstorder	Maximum	240.3957031
wavelet-HLL	firstorder	RootMeanSquared	104.5887643
wavelet-HLL	firstorder	90Percentile	61.51986764
wavelet-HLL	firstorder	Minimum	-343.1747285
wavelet-HLL	firstorder	Entropy	3.823043564
wavelet-HLL	firstorder	Range	583.5704317
wavelet-HLL	firstorder	Variance	9353.660436
wavelet-HLL	firstorder	10Percentile	-159.820333
wavelet-HLL	firstorder	Kurtosis	4.473807471
wavelet-HLL	firstorder	Mean	-39.81393189
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.024100449
wavelet-HLL	glrlm	GrayLevelVariance	16.1520006
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.025416902
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.086526435
wavelet-HLL	glrlm	RunVariance	0.105399336
wavelet-HLL	glrlm	GrayLevelNonUniformity	19.22066579
wavelet-HLL	glrlm	LongRunEmphasis	1.304654008
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	171.2528707
wavelet-HLL	glrlm	RunLengthNonUniformity	187.663179
wavelet-HLL	glrlm	ShortRunEmphasis	0.934891267
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	237.1820702
wavelet-HLL	glrlm	RunPercentage	0.913896803
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.030917138
wavelet-HLL	glrlm	RunEntropy	4.251126485
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	182.7409078
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.844140332
wavelet-HLL	glszm	GrayLevelVariance	27.5242191

wavelet-HLL	glszm	ZoneVariance	30.60445903
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.060208239
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.490040742
wavelet-HLL	glszm	SizeZoneNonUniformity	46.06382979
wavelet-HLL	glszm	GrayLevelNonUniformity	5.659574468
wavelet-HLL	glszm	LargeAreaEmphasis	37.28723404
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	161.2995814
wavelet-HLL	glszm	ZonePercentage	0.386831276
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.330405606
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	6918.308511
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	200.9787234
wavelet-HLL	glszm	SmallAreaEmphasis	0.725840751
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.027607461
wavelet-HLL	glszm	ZoneEntropy	5.122193076
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011911986
wavelet-HLL	ngtdm	Coarseness	0.02942539
wavelet-HLL	ngtdm	Complexity	501.931642
wavelet-HLL	ngtdm	Strength	4.697473295
wavelet-HLL	ngtdm	Contrast	0.150283877
wavelet-HLL	ngtdm	Busyness	0.09866397
wavelet-LHL	gldm	GrayLevelVariance	23.92043896
wavelet-LHL	gldm	HighGrayLevelEmphasis	311.6625514
wavelet-LHL	gldm	DependenceEntropy	6.022324981
wavelet-LHL	gldm	DependenceNonUniformity	49.90534979
wavelet-LHL	gldm	GrayLevelNonUniformity	16.35802469
wavelet-LHL	gldm	SmallDependenceEmphasis	0.379599769
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	128.5036799
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.20537181
wavelet-LHL	gldm	LargeDependenceEmphasis	10.26748971
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.045954466
wavelet-LHL	gldm	DependenceVariance	2.823350099
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2992.090535
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008153586
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.010686544
wavelet-LHL	glcm	JointAverage	17.08366492
wavelet-LHL	glcm	SumAverage	34.16732983
wavelet-LHL	glcm	JointEntropy	7.063960889
wavelet-LHL	glcm	ClusterShade	-1.553624117
wavelet-LHL	glcm	MaximumProbability	0.028691145
wavelet-LHL	glcm	Idmn	0.970669518
wavelet-LHL	glcm	JointEnergy	0.009839016
wavelet-LHL	glcm	Contrast	32.28610506
wavelet-LHL	glcm	DifferenceEntropy	3.459324114
wavelet-LHL	glcm	InverseVariance	0.24938627
wavelet-LHL	glcm	DifferenceVariance	14.64015699
wavelet-LHL	glcm	Idn	0.891436773
wavelet-LHL	glcm	Idm	0.242886878
wavelet-LHL	glcm	Correlation	0.145634756
wavelet-LHL	glcm	Autocorrelation	294.6998323
wavelet-LHL	glcm	SumEntropy	4.507359579
wavelet-LHL	glcm	SumSquares	18.97394963
wavelet-LHL	glcm	ClusterProminence	8029.432747
wavelet-LHL	glcm	Imc2	0.926259851
wavelet-LHL	glcm	Imc1	-0.244524647
wavelet-LHL	glcm	DifferenceAverage	4.145536026
wavelet-LHL	glcm	Id	0.329970356
wavelet-LHL	glcm	ClusterTendency	43.60969346
wavelet-LHL	firstorder	InterquartileRange	129.6929179

wavelet-LHL	firstorder	Skewness	-0.102810245
wavelet-LHL	firstorder	Uniformity	0.067316974
wavelet-LHL	firstorder	Median	-16.4085763
wavelet-LHL	firstorder	Energy	3674739.255
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	57.57695348
wavelet-LHL	firstorder	MeanAbsoluteDeviation	91.28543639
wavelet-LHL	firstorder	TotalEnergy	99217959.87
wavelet-LHL	firstorder	Maximum	341.5857883
wavelet-LHL	firstorder	RootMeanSquared	122.9731018
wavelet-LHL	firstorder	90Percentile	132.859492
wavelet-LHL	firstorder	Minimum	-422.9952188
wavelet-LHL	firstorder	Entropy	4.206908737
wavelet-LHL	firstorder	Range	764.5810072
wavelet-LHL	firstorder	Variance	14932.28842
wavelet-LHL	firstorder	10Percentile	-164.9248791
wavelet-LHL	firstorder	Kurtosis	3.938815096
wavelet-LHL	firstorder	Mean	-13.78750683
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010970326
wavelet-LHL	glrlm	GrayLevelVariance	25.10960871
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.01117386
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.064633683
wavelet-LHL	glrlm	RunVariance	0.072192946
wavelet-LHL	glrlm	GrayLevelNonUniformity	14.66427659
wavelet-LHL	glrlm	LongRunEmphasis	1.221672525
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	297.895614
wavelet-LHL	glrlm	RunLengthNonUniformity	198.1946771
wavelet-LHL	glrlm	ShortRunEmphasis	0.948018932
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	377.7902091
wavelet-LHL	glrlm	RunPercentage	0.933523267
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.012036572
wavelet-LHL	glrlm	RunEntropy	4.538190388
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	313.0762358
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.872695037
wavelet-LHL	glszm	GrayLevelVariance	42.00505008
wavelet-LHL	glszm	ZoneVariance	8.085009679
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.047218248
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.425637573
wavelet-LHL	glszm	SizeZoneNonUniformity	46.39449541
wavelet-LHL	glszm	GrayLevelNonUniformity	5.146788991
wavelet-LHL	glszm	LargeAreaEmphasis	13.05504587
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	236.5416541
wavelet-LHL	glszm	ZonePercentage	0.448559671
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.064664144
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3761.321101
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	333.1926606
wavelet-LHL	glszm	SmallAreaEmphasis	0.67792218
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.018919333
wavelet-LHL	glszm	ZoneEntropy	5.617871683
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.017478336
wavelet-LHL	ngtdm	Coarseness	0.029555399
wavelet-LHL	ngtdm	Complexity	979.1185759
wavelet-LHL	ngtdm	Strength	6.883440017
wavelet-LHL	ngtdm	Contrast	0.205828342
wavelet-LHL	ngtdm	Busyness	0.06893591
wavelet-LHH	gldm	GrayLevelVariance	48.05327779
wavelet-LHH	gldm	HighGrayLevelEmphasis	580.0864198
wavelet-LHH	gldm	DependenceEntropy	6.068923655
wavelet-LHH	gldm	DependenceNonUniformity	61.69958848

wavelet-LHH	gldm	GrayLevelNonUniformity	16.65432099
wavelet-LHH	gldm	SmallDependenceEmphasis	0.49152197
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	306.4755065
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.253907772
wavelet-LHH	gldm	LargeDependenceEmphasis	9.83127572
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025337094
wavelet-LHH	gldm	DependenceVariance	3.550373419
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5220.563786
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006875564
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.00793808
wavelet-LHH	glcm	JointAverage	22.87621009
wavelet-LHH	glcm	SumAverage	45.75242017
wavelet-LHH	glcm	JointEntropy	7.109988083
wavelet-LHH	glcm	ClusterShade	572.6757939
wavelet-LHH	glcm	MaximumProbability	0.034200122
wavelet-LHH	glcm	Idmn	0.965344681
wavelet-LHH	glcm	JointEnergy	0.010456438
wavelet-LHH	glcm	Contrast	104.4043567
wavelet-LHH	glcm	DifferenceEntropy	3.950077593
wavelet-LHH	glcm	InverseVariance	0.234329243
wavelet-LHH	glcm	DifferenceVariance	60.55406831
wavelet-LHH	glcm	Idn	0.897026092
wavelet-LHH	glcm	Idm	0.221007988
wavelet-LHH	glcm	Correlation	-0.065549429
wavelet-LHH	glcm	Autocorrelation	520.7863956
wavelet-LHH	glcm	SumEntropy	4.679996719
wavelet-LHH	glcm	SumSquares	49.61734922
wavelet-LHH	glcm	ClusterProminence	65424.17124
wavelet-LHH	glcm	Imc2	0.977074397
wavelet-LHH	glcm	Imc1	-0.359234362
wavelet-LHH	glcm	DifferenceAverage	6.510777537
wavelet-LHH	glcm	Id	0.300313699
wavelet-LHH	glcm	ClusterTendency	94.06504018
wavelet-LHH	firstorder	InterquartileRange	124.3985665
wavelet-LHH	firstorder	Skewness	0.561151076
wavelet-LHH	firstorder	Uniformity	0.0685363
wavelet-LHH	firstorder	Median	3.011313686
wavelet-LHH	firstorder	Energy	7277415.952
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	55.92900863
wavelet-LHH	firstorder	MeanAbsoluteDeviation	113.1144103
wavelet-LHH	firstorder	TotalEnergy	196490230.7
wavelet-LHH	firstorder	Maximum	652.1405292
wavelet-LHH	firstorder	RootMeanSquared	173.0555223
wavelet-LHH	firstorder	90Percentile	181.4280093
wavelet-LHH	firstorder	Minimum	-529.4898299
wavelet-LHH	firstorder	Entropy	4.411985404
wavelet-LHH	firstorder	Range	1181.630359
wavelet-LHH	firstorder	Variance	29746.11907
wavelet-LHH	firstorder	10Percentile	-164.1501978
wavelet-LHH	firstorder	Kurtosis	5.868832688
wavelet-LHH	firstorder	Mean	14.21600257
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.008221039
wavelet-LHH	glrlm	GrayLevelVariance	50.52969456
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.008305832
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.064599139
wavelet-LHH	glrlm	RunVariance	0.074008841
wavelet-LHH	glrlm	GrayLevelNonUniformity	14.7931757
wavelet-LHH	glrlm	LongRunEmphasis	1.202707541

wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	561.2403884
wavelet-LHH	glrlm	RunLengthNonUniformity	205.5123419
wavelet-LHH	glrlm	ShortRunEmphasis	0.958087098
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	690.1267207
wavelet-LHH	glrlm	RunPercentage	0.942070275
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.008713242
wavelet-LHH	glrlm	RunEntropy	4.721355754
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	583.3744568
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.896882619
wavelet-LHH	glszm	GrayLevelVariance	79.70230154
wavelet-LHH	glszm	ZoneVariance	12.10275825
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.039360615
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.609037918
wavelet-LHH	glszm	SizeZoneNonUniformity	78.56589147
wavelet-LHH	glszm	GrayLevelNonUniformity	5.07751938
wavelet-LHH	glszm	LargeAreaEmphasis	15.65116279
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	511.6390594
wavelet-LHH	glszm	ZonePercentage	0.530864198
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.041967521
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	8232.534884
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	623.0620155
wavelet-LHH	glszm	SmallAreaEmphasis	0.806885752
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.013133289
wavelet-LHH	glszm	ZoneEntropy	5.675415046
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012699736
wavelet-LHH	ngtdm	Coarseness	0.029468873
wavelet-LHH	ngtdm	Complexity	3282.15041
wavelet-LHH	ngtdm	Strength	15.78988183
wavelet-LHH	ngtdm	Contrast	0.284430176
wavelet-LHH	ngtdm	Busyness	0.029172819
wavelet-LLH	gldm	GrayLevelVariance	121.7716811
wavelet-LLH	gldm	HighGrayLevelEmphasis	2635.37037
wavelet-LLH	gldm	DependenceEntropy	6.314920286
wavelet-LLH	gldm	DependenceNonUniformity	73.4691358
wavelet-LLH	gldm	GrayLevelNonUniformity	10.32510288
wavelet-LLH	gldm	SmallDependenceEmphasis	0.545643477
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1417.778638
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.302342123
wavelet-LLH	gldm	LargeDependenceEmphasis	6.917695473
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.007056262
wavelet-LLH	gldm	DependenceVariance	2.249961896
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	18913.14815
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004588334
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.004785299
wavelet-LLH	glcm	JointAverage	51.28192674
wavelet-LLH	glcm	SumAverage	102.5638535
wavelet-LLH	glcm	JointEntropy	7.60017209
wavelet-LLH	glcm	ClusterShade	-3751.293633
wavelet-LLH	glcm	MaximumProbability	0.022942265
wavelet-LLH	glcm	Idmn	0.976770238
wavelet-LLH	glcm	JointEnergy	0.006387932
wavelet-LLH	glcm	Contrast	195.1757721
wavelet-LLH	glcm	DifferenceEntropy	4.216690749
wavelet-LLH	glcm	InverseVariance	0.185117105
wavelet-LLH	glcm	DifferenceVariance	119.4321746
wavelet-LLH	glcm	Idn	0.91747188
wavelet-LLH	glcm	Idm	0.175294675
wavelet-LLH	glcm	Correlation	0.032049085

wavelet-LLH	glcm	Autocorrelation	2635.095015
wavelet-LLH	glcm	SumEntropy	5.241457332
wavelet-LLH	glcm	SumSquares	102.7809675
wavelet-LLH	glcm	ClusterProminence	448550.1765
wavelet-LLH	glcm	Imc2	0.990350742
wavelet-LLH	glcm	Imc1	-0.414061815
wavelet-LLH	glcm	DifferenceAverage	8.424208986
wavelet-LLH	glcm	Id	0.257288313
wavelet-LLH	glcm	ClusterTendency	215.9480981
wavelet-LLH	firstorder	InterquartileRange	204.8109203
wavelet-LLH	firstorder	Skewness	-1.229424152
wavelet-LLH	firstorder	Uniformity	0.042490135
wavelet-LLH	firstorder	Median	-26.80175572
wavelet-LLH	firstorder	Energy	19245683.08
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	91.0164547
wavelet-LLH	firstorder	MeanAbsoluteDeviation	179.8289592
wavelet-LLH	firstorder	TotalEnergy	519633443.1
wavelet-LLH	firstorder	Maximum	745.8733
wavelet-LLH	firstorder	RootMeanSquared	281.425553
wavelet-LLH	firstorder	90Percentile	198.8115768
wavelet-LLH	firstorder	Minimum	-1282.052929
wavelet-LLH	firstorder	Entropy	4.992626885
wavelet-LLH	firstorder	Range	2027.926229
wavelet-LLH	firstorder	Variance	75744.37984
wavelet-LLH	firstorder	10Percentile	-319.4439771
wavelet-LLH	firstorder	Kurtosis	7.357477144
wavelet-LLH	firstorder	Mean	-58.78743097
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004978417
wavelet-LLH	glrlm	GrayLevelVariance	126.3194318
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00499188
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040718848
wavelet-LLH	glrlm	RunVariance	0.050531878
wavelet-LLH	glrlm	GrayLevelNonUniformity	9.456032562
wavelet-LLH	glrlm	LongRunEmphasis	1.147404043
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2539.811918
wavelet-LLH	glrlm	RunLengthNonUniformity	212.8191679
wavelet-LLH	glrlm	ShortRunEmphasis	0.966512447
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3032.516698
wavelet-LLH	glrlm	RunPercentage	0.955365622
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005050837
wavelet-LLH	glrlm	RunEntropy	5.216523474
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2631.152354
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.916072643
wavelet-LLH	glszm	GrayLevelVariance	180.1230043
wavelet-LLH	glszm	ZoneVariance	5.124531445
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030033782
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.60414642
wavelet-LLH	glszm	SizeZoneNonUniformity	88.80952381
wavelet-LLH	glszm	GrayLevelNonUniformity	4.414965986
wavelet-LLH	glszm	LargeAreaEmphasis	7.857142857
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2087.347413
wavelet-LLH	glszm	ZonePercentage	0.604938272
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.010225951
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	21484.48299
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2597.14966
wavelet-LLH	glszm	SmallAreaEmphasis	0.804534679
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.007637191
wavelet-LLH	glszm	ZoneEntropy	5.977463141



wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007540244
wavelet-LLH	ngtdm	Coarseness	0.030875841
wavelet-LLH	ngtdm	Complexity	7960.03498
wavelet-LLH	ngtdm	Strength	34.32803584
wavelet-LLH	ngtdm	Contrast	0.59692738
wavelet-LLH	ngtdm	Busyness	0.010810074
wavelet-LLL	gldm	GrayLevelVariance	194.2807838
wavelet-LLL	gldm	HighGrayLevelEmphasis	2247.526749
wavelet-LLL	gldm	DependenceEntropy	6.418464564
wavelet-LLL	gldm	DependenceNonUniformity	87.65020576
wavelet-LLL	gldm	GrayLevelNonUniformity	7.057613169
wavelet-LLL	gldm	SmallDependenceEmphasis	0.610512263
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1190.150791
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.360700435
wavelet-LLL	gldm	LargeDependenceEmphasis	5.510288066
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006655398
wavelet-LLL	gldm	DependenceVariance	1.848498704
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	16131.84774
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004779827
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.004962556
wavelet-LLL	glcm	JointAverage	47.99341206
wavelet-LLL	glcm	SumAverage	95.98682413
wavelet-LLL	glcm	JointEntropy	7.925502505
wavelet-LLL	glcm	ClusterShade	-6856.037551
wavelet-LLL	glcm	MaximumProbability	0.01781217
wavelet-LLL	glcm	Idmn	0.972525577
wavelet-LLL	glcm	JointEnergy	0.004721642
wavelet-LLL	glcm	Contrast	192.0793651
wavelet-LLL	glcm	DifferenceEntropy	4.562420577
wavelet-LLL	glcm	InverseVariance	0.139752335
wavelet-LLL	glcm	DifferenceVariance	89.40036082
wavelet-LLL	glcm	Idn	0.896520223
wavelet-LLL	glcm	Idm	0.135501228
wavelet-LLL	glcm	Correlation	0.369197015
wavelet-LLL	glcm	Autocorrelation	2359.340303
wavelet-LLL	glcm	SumEntropy	5.74335858
wavelet-LLL	glcm	SumSquares	151.8435933
wavelet-LLL	glcm	ClusterProminence	581499.583
wavelet-LLL	glcm	Imc2	0.995605228
wavelet-LLL	glcm	Imc1	-0.461280177
wavelet-LLL	glcm	DifferenceAverage	10.02730419
wavelet-LLL	glcm	Id	0.212905117
wavelet-LLL	glcm	ClusterTendency	415.2950082
wavelet-LLL	firstorder	InterquartileRange	482.5733989
wavelet-LLL	firstorder	Skewness	-0.641330295
wavelet-LLL	firstorder	Uniformity	0.029043676
wavelet-LLL	firstorder	Median	-70.28304556
wavelet-LLL	firstorder	Energy	35290071.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	196.3697381
wavelet-LLL	firstorder	MeanAbsoluteDeviation	280.656162
wavelet-LLL	firstorder	TotalEnergy	952831935.8
wavelet-LLL	firstorder	Maximum	676.0541148
wavelet-LLL	firstorder	RootMeanSquared	381.0861222
wavelet-LLL	firstorder	90Percentile	188.4262015
wavelet-LLL	firstorder	Minimum	-1266.264907
wavelet-LLL	firstorder	Entropy	5.40917686
wavelet-LLL	firstorder	Range	1942.319022
wavelet-LLL	firstorder	Variance	121245.1427

wavelet-LLL	firstorder	10Percentile	-675.8099677
wavelet-LLL	firstorder	Kurtosis	3.044152802
wavelet-LLL	firstorder	Mean	-154.8595811
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005118403
wavelet-LLL	glrlm	GrayLevelVariance	196.0631339
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00512901
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.028445252
wavelet-LLL	glrlm	RunVariance	0.040355927
wavelet-LLL	glrlm	GrayLevelNonUniformity	6.669770003
wavelet-LLL	glrlm	LongRunEmphasis	1.115019519
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2146.700476
wavelet-LLL	glrlm	RunLengthNonUniformity	219.1806722
wavelet-LLL	glrlm	ShortRunEmphasis	0.974180013
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2559.063535
wavelet-LLL	glrlm	RunPercentage	0.964862298
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005176496
wavelet-LLL	glrlm	RunEntropy	5.547168078
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2222.539378
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.934554635
wavelet-LLL	glszm	GrayLevelVariance	215.3494674
wavelet-LLL	glszm	ZoneVariance	2.053596296
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024953894
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.643193195
wavelet-LLL	glszm	SizeZoneNonUniformity	104.8404908
wavelet-LLL	glszm	GrayLevelNonUniformity	4.067484663
wavelet-LLL	glszm	LargeAreaEmphasis	4.27607362
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1560.76033
wavelet-LLL	glszm	ZonePercentage	0.670781893
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008425975
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	11881.20859
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1986.055215
wavelet-LLL	glszm	SmallAreaEmphasis	0.827471312
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007179019
wavelet-LLL	glszm	ZoneEntropy	6.088621734
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007084617
wavelet-LLL	ngtdm	Coarseness	0.026938445
wavelet-LLL	ngtdm	Complexity	10067.53127
wavelet-LLL	ngtdm	Strength	38.26542625
wavelet-LLL	ngtdm	Contrast	0.842689006
wavelet-LLL	ngtdm	Busyness	0.013441822
wavelet-HHL	gldm	GrayLevelVariance	5.655675795
wavelet-HHL	gldm	HighGrayLevelEmphasis	99.02057613
wavelet-HHL	gldm	DependenceEntropy	5.5770869
wavelet-HHL	gldm	DependenceNonUniformity	34.95061728
wavelet-HHL	gldm	GrayLevelNonUniformity	32.26748971
wavelet-HHL	gldm	SmallDependenceEmphasis	0.264967626
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	28.81539828
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.143829701
wavelet-HHL	gldm	LargeDependenceEmphasis	18.41563786
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.215006538
wavelet-HHL	gldm	DependenceVariance	4.971193416
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1761.358025
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012227357
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.021035729
wavelet-HHL	glcm	JointAverage	9.583781699
wavelet-HHL	glcm	SumAverage	19.1675634
wavelet-HHL	glcm	JointEntropy	5.852056898
wavelet-HHL	glcm	ClusterShade	-2.266024813

wavelet-HHL	glcm	MaximumProbability	0.055666194
wavelet-HHL	glcm	Idmn	0.969341022
wavelet-HHL	glcm	JointEnergy	0.024413506
wavelet-HHL	glcm	Contrast	10.13943252
wavelet-HHL	glcm	DifferenceEntropy	2.751399791
wavelet-HHL	glcm	InverseVariance	0.354363584
wavelet-HHL	glcm	DifferenceVariance	4.46009782
wavelet-HHL	glcm	Idn	0.887335137
wavelet-HHL	glcm	Idm	0.351652895
wavelet-HHL	glcm	Correlation	-0.034299136
wavelet-HHL	glcm	Autocorrelation	91.67113527
wavelet-HHL	glcm	SumEntropy	3.528027115
wavelet-HHL	glcm	SumSquares	4.888396888
wavelet-HHL	glcm	ClusterProminence	384.5871136
wavelet-HHL	glcm	Imc2	0.729487655
wavelet-HHL	glcm	Imc1	-0.123553327
wavelet-HHL	glcm	DifferenceAverage	2.362980042
wavelet-HHL	glcm	Id	0.428399064
wavelet-HHL	glcm	ClusterTendency	9.41415503
wavelet-HHL	firstorder	InterquartileRange	68.97026046
wavelet-HHL	firstorder	Skewness	-0.16904086
wavelet-HHL	firstorder	Uniformity	0.132788024
wavelet-HHL	firstorder	Median	8.748123951
wavelet-HHL	firstorder	Energy	856388.5127
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	29.22657801
wavelet-HHL	firstorder	MeanAbsoluteDeviation	45.25578661
wavelet-HHL	firstorder	TotalEnergy	23122489.84
wavelet-HHL	firstorder	Maximum	178.2185887
wavelet-HHL	firstorder	RootMeanSquared	59.36524709
wavelet-HHL	firstorder	90Percentile	73.02147233
wavelet-HHL	firstorder	Minimum	-205.701362
wavelet-HHL	firstorder	Entropy	3.220736624
wavelet-HHL	firstorder	Range	383.9199507
wavelet-HHL	firstorder	Variance	3508.114195
wavelet-HHL	firstorder	10Percentile	-73.03413238
wavelet-HHL	firstorder	Kurtosis	4.096093854
wavelet-HHL	firstorder	Mean	4.014768714
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021270432
wavelet-HHL	glrlm	GrayLevelVariance	6.100103996
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.022144202
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.126238992
wavelet-HHL	glrlm	RunVariance	0.142966371
wavelet-HHL	glrlm	GrayLevelNonUniformity	27.54010474
wavelet-HHL	glrlm	LongRunEmphasis	1.388276677
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	92.15984707
wavelet-HHL	glrlm	RunLengthNonUniformity	179.1046049
wavelet-HHL	glrlm	ShortRunEmphasis	0.923792449
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	136.2991405
wavelet-HHL	glrlm	RunPercentage	0.897435897
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.026572524
wavelet-HHL	glrlm	RunEntropy	3.730262373
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	99.45053695
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.820217122
wavelet-HHL	glszm	GrayLevelVariance	14.60828402
wavelet-HHL	glszm	ZoneVariance	69.73159763
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.080236686
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.480236686
wavelet-HHL	glszm	SizeZoneNonUniformity	31.21538462

wavelet-HHL	glszm	GrayLevelNonUniformity	5.215384615
wavelet-HHL	glszm	LargeAreaEmphasis	83.70769231
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	81.49733142
wavelet-HHL	glszm	ZonePercentage	0.267489712
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.969321448
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	7863.661538
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	110.0461538
wavelet-HHL	glszm	SmallAreaEmphasis	0.715886809
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.046257696
wavelet-HHL	glszm	ZoneEntropy	4.722314067
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.042216253
wavelet-HHL	ngtdm	Coarseness	0.026053813
wavelet-HHL	ngtdm	Complexity	162.9240844
wavelet-HHL	ngtdm	Strength	1.733906205
wavelet-HHL	ngtdm	Contrast	0.101553611
wavelet-HHL	ngtdm	Busyness	0.244670772
wavelet-HLH	gldm	GrayLevelVariance	17.40215753
wavelet-HLH	gldm	HighGrayLevelEmphasis	289.9917695
wavelet-HLH	gldm	DependenceEntropy	5.708274695
wavelet-HLH	gldm	DependenceNonUniformity	40.31687243
wavelet-HLH	gldm	GrayLevelNonUniformity	26.7037037
wavelet-HLH	gldm	SmallDependenceEmphasis	0.342018243
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	109.6278012
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.165913055
wavelet-HLH	gldm	LargeDependenceEmphasis	17.781893
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.07027642
wavelet-HLH	gldm	DependenceVariance	6.143406324
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4952.024691
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005985268
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008521764
wavelet-HLH	glcm	JointAverage	16.54523927
wavelet-HLH	glcm	SumAverage	33.09047853
wavelet-HLH	glcm	JointEntropy	6.203764434
wavelet-HLH	glcm	ClusterShade	187.4108309
wavelet-HLH	glcm	MaximumProbability	0.068188967
wavelet-HLH	glcm	Idmn	0.987799172
wavelet-HLH	glcm	JointEnergy	0.020681261
wavelet-HLH	glcm	Contrast	24.68970946
wavelet-HLH	glcm	DifferenceEntropy	3.134093446
wavelet-HLH	glcm	InverseVariance	0.290207888
wavelet-HLH	glcm	DifferenceVariance	13.9073146
wavelet-HLH	glcm	Idn	0.933563887
wavelet-HLH	glcm	Idm	0.305919496
wavelet-HLH	glcm	Correlation	-0.013387488
wavelet-HLH	glcm	Autocorrelation	273.6932253
wavelet-HLH	glcm	SumEntropy	3.896378794
wavelet-HLH	glcm	SumSquares	12.28325659
wavelet-HLH	glcm	ClusterProminence	9347.521312
wavelet-HLH	glcm	Imc2	0.848560047
wavelet-HLH	glcm	Imc1	-0.188149171
wavelet-HLH	glcm	DifferenceAverage	3.240653221
wavelet-HLH	glcm	Id	0.388993885
wavelet-HLH	glcm	ClusterTendency	24.44331692
wavelet-HLH	firstorder	InterquartileRange	79.18614305
wavelet-HLH	firstorder	Skewness	1.466324992
wavelet-HLH	firstorder	Uniformity	0.109891785
wavelet-HLH	firstorder	Median	0.390288231
wavelet-HLH	firstorder	Energy	2627931.495

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.43486197
wavelet-HLH	firstorder	MeanAbsoluteDeviation	65.05497081
wavelet-HLH	firstorder	TotalEnergy	70954150.37
wavelet-HLH	firstorder	Maximum	638.9022365
wavelet-HLH	firstorder	RootMeanSquared	103.9929464
wavelet-HLH	firstorder	90Percentile	83.80269761
wavelet-HLH	firstorder	Minimum	-399.070522
wavelet-HLH	firstorder	Entropy	3.644322106
wavelet-HLH	firstorder	Range	1037.972758
wavelet-HLH	firstorder	Variance	10814.49865
wavelet-HLH	firstorder	10Percentile	-93.23850967
wavelet-HLH	firstorder	Kurtosis	12.27049461
wavelet-HLH	firstorder	Mean	0.18508365
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008756115
wavelet-HLH	glrlm	GrayLevelVariance	18.96921599
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.009012966
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.100796612
wavelet-HLH	glrlm	RunVariance	0.123975617
wavelet-HLH	glrlm	GrayLevelNonUniformity	22.23440935
wavelet-HLH	glrlm	LongRunEmphasis	1.341785983
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	272.8638307
wavelet-HLH	glrlm	RunLengthNonUniformity	185.1808147
wavelet-HLH	glrlm	ShortRunEmphasis	0.932040168
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	385.7699654
wavelet-HLH	glrlm	RunPercentage	0.907249129
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.01029196
wavelet-HLH	glrlm	RunEntropy	4.117327477
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	291.5134328
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.838805472
wavelet-HLH	glszm	GrayLevelVariance	41.12570946
wavelet-HLH	glszm	ZoneVariance	38.90230648
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.064847241
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.514309866
wavelet-HLH	glszm	SizeZoneNonUniformity	46.8021978
wavelet-HLH	glszm	GrayLevelNonUniformity	5.901098901
wavelet-HLH	glszm	LargeAreaEmphasis	46.03296703
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	245.0058693
wavelet-HLH	glszm	ZonePercentage	0.374485597
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.185899452
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	12494.57143
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	318.6593407
wavelet-HLH	glszm	SmallAreaEmphasis	0.741054592
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.016332783
wavelet-HLH	glszm	ZoneEntropy	5.278868333
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015311235
wavelet-HLH	ngtdm	Coarseness	0.025768379
wavelet-HLH	ngtdm	Complexity	876.3726199
wavelet-HLH	ngtdm	Strength	8.650110258
wavelet-HLH	ngtdm	Contrast	0.147238543
wavelet-HLH	ngtdm	Busyness	0.070807646

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	01f4f23fd35d7f54fb155a53154dc3259eed058
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general	info	ImageSpacing	(1.26953125, 1.26953125, 2.0)
			4deb099ec379e25ca48397b1526afda1359fef
general	info	MaskHash	af
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	391
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original	shape	Maximum2DDiameterSlice	30.59411708
original	shape	Sphericity	0.803881391
original	shape	MinorAxis	21.95131296
original	shape	Elongation	0.628948828
original	shape	SurfaceVolumeRatio	0.274228113
original	shape	Volume	10557
original	shape	MajorAxis	34.90158814
original	shape	SurfaceArea	2895.026191
original	shape	Flatness	0.57756638
original	shape	LeastAxis	20.15798394
original	shape	Maximum2DDiameterColumn	25.8069758
original	shape	Maximum2DDiameterRow	35.11409973
original	gldm	GrayLevelVariance	140.8059733
original	gldm	HighGrayLevelEmphasis	578.9104859
original	gldm	DependenceEntropy	6.597399984
original	gldm	DependenceNonUniformity	102.3657289
original	gldm	GrayLevelNonUniformity	14.94373402
original	gldm	SmallDependenceEmphasis	0.499489948
original	gldm	SmallDependenceHighGrayLevelEmphasis	229.2814294
original	gldm	DependenceNonUniformityNormalized	0.261804933
original	gldm	LargeDependenceEmphasis	15.7314578
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.156194829
original	gldm	DependenceVariance	7.715752775
original	gldm	LargeDependenceHighGrayLevelEmphasis	17544.72123
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007139726

original	gldm	LowGrayLevelEmphasis	0.022738926
original	glcm	JointAverage	23.32983399
original	glcm	SumAverage	46.65966798
original	glcm	JointEntropy	8.085896712
original	glcm	ClusterShade	-2400.700712
original	glcm	MaximumProbability	0.039337997
original	glcm	ldmn	0.932512896
original	glcm	JointEnergy	0.00710248
original	glcm	Contrast	130.7569129
original	glcm	DifferenceEntropy	4.415040777
original	glcm	InverseVariance	0.175294395
original	glcm	DifferenceVariance	59.72698371
original	glcm	ldn	0.844044975
original	glcm	ldm	0.195784961
original	glcm	Correlation	0.529012204
original	glcm	Autocorrelation	618.587712
original	glcm	SumEntropy	5.782566871
original	glcm	SumSquares	139.3844137
original	glcm	ClusterProminence	343150.1743
original	glcm	lmc2	0.982234957
original	glcm	lmc1	-0.34329892
original	glcm	DifferenceAverage	8.336621494
original	glcm	ld	0.26587852
original	glcm	ClusterTendency	426.7807417
original	firstorder	InterquartileRange	589
original	firstorder	Skewness	0.001636461
original	firstorder	Uniformity	0.038310843
original	firstorder	Median	-368
original	firstorder	Energy	86384096
original	firstorder	RobustMeanAbsoluteDeviation	223.52422
original	firstorder	MeanAbsoluteDeviation	262.8675244
original	firstorder	TotalEnergy	2332370592
original	firstorder	Maximum	75
original	firstorder	RootMeanSquared	470.0331816
original	firstorder	90Percentile	30
original	firstorder	Minimum	-867
original	firstorder	Entropy	5.006382067
original	firstorder	Range	942
original	firstorder	Variance	88241.48424
original	firstorder	10Percentile	-763
original	firstorder	Kurtosis	1.589877275
original	firstorder	Mean	-364.2659847
original	glrlm	ShortRunLowGrayLevelEmphasis	0.022214048
original	glrlm	GrayLevelVariance	134.4960729
original	glrlm	LowGrayLevelRunEmphasis	0.023167513
original	glrlm	GrayLevelNonUniformityNormalized	0.033837112
original	glrlm	RunVariance	0.09351251
original	glrlm	GrayLevelNonUniformity	12.30597463
original	glrlm	LongRunEmphasis	1.25255934
original	glrlm	ShortRunHighGrayLevelEmphasis	499.4236834
original	glrlm	RunLengthNonUniformity	319.1124265
original	glrlm	ShortRunEmphasis	0.949527688
original	glrlm	LongRunHighGrayLevelEmphasis	802.2529444

original	glrlm	RunPercentage	0.929569152
original	glrlm	LongRunLowGrayLevelEmphasis	0.027176
original	glrlm	RunEntropy	5.336417034
original	glrlm	HighGrayLevelRunEmphasis	547.7751767
original	glrlm	RunLengthNonUniformityNormalized	0.877264836
original	glszm	GrayLevelVariance	94.96422611
original	glszm	ZoneVariance	11.35172636
original	glszm	GrayLevelNonUniformityNormalized	0.029982505
original	glszm	SizeZoneNonUniformityNormalized	0.561422912
original	glszm	SizeZoneNonUniformity	125.1973094
original	glszm	GrayLevelNonUniformity	6.686098655
original	glszm	LargeAreaEmphasis	14.42600897
original	glszm	SmallAreaHighGrayLevelEmphasis	354.5325385
original	glszm	ZonePercentage	0.570332481
original	glszm	LargeAreaLowGrayLevelEmphasis	0.136448781
original	glszm	LargeAreaHighGrayLevelEmphasis	16063.96413
original	glszm	HighGrayLevelZoneEmphasis	452.3946188
original	glszm	SmallAreaEmphasis	0.777563759
original	glszm	LowGrayLevelZoneEmphasis	0.017318148
original	glszm	ZoneEntropy	5.957616132
original	glszm	SmallAreaLowGrayLevelEmphasis	0.00803045
original	ngtdm	Coarseness	0.012308564
original	ngtdm	Complexity	3562.963678
original	ngtdm	Strength	9.466013414
original	ngtdm	Contrast	1.074577851
original	ngtdm	Busyness	0.102385392
wavelet-HHH	gldm	GrayLevelVariance	13.07844663
wavelet-HHH	gldm	HighGrayLevelEmphasis	251.0741688
wavelet-HHH	gldm	DependenceEntropy	5.941577158
wavelet-HHH	gldm	DependenceNonUniformity	71.38363171
wavelet-HHH	gldm	GrayLevelNonUniformity	36.86189258
wavelet-HHH	gldm	SmallDependenceEmphasis	0.344630042
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	87.80276584
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.182566833
wavelet-HHH	gldm	LargeDependenceEmphasis	13.79283887
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.063361991
wavelet-HHH	gldm	DependenceVariance	4.358043184
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3395.094629
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005596992
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.008549206
wavelet-HHH	glcm	JointAverage	15.43862069
wavelet-HHH	glcm	SumAverage	30.87724139
wavelet-HHH	glcm	JointEntropy	6.897774233
wavelet-HHH	glcm	ClusterShade	-11.46082783
wavelet-HHH	glcm	MaximumProbability	0.034763289
wavelet-HHH	glcm	ldmn	0.973435505
wavelet-HHH	glcm	JointEnergy	0.011789269
wavelet-HHH	glcm	Contrast	25.51631604
wavelet-HHH	glcm	DifferenceEntropy	3.350720629
wavelet-HHH	glcm	InverseVariance	0.256700511
wavelet-HHH	glcm	DifferenceVariance	11.74669773
wavelet-HHH	glcm	ldn	0.896252955
wavelet-HHH	glcm	ldm	0.262219785



wavelet-HHH	glcm	Correlation	-0.036239246
wavelet-HHH	glcm	Autocorrelation	237.9097873
wavelet-HHH	glcm	SumEntropy	4.143882428
wavelet-HHH	glcm	SumSquares	12.31528197
wavelet-HHH	glcm	ClusterProminence	3100.412478
wavelet-HHH	glcm	Imc2	0.809872533
wavelet-HHH	glcm	Imc1	-0.144933713
wavelet-HHH	glcm	DifferenceAverage	3.671839272
wavelet-HHH	glcm	Id	0.350334374
wavelet-HHH	glcm	ClusterTendency	23.74481186
wavelet-HHH	firstorder	InterquartileRange	95.13689885
wavelet-HHH	firstorder	Skewness	-0.1444308
wavelet-HHH	firstorder	Uniformity	0.09427594
wavelet-HHH	firstorder	Median	0.306460622
wavelet-HHH	firstorder	Energy	3197113.268
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	40.9956681
wavelet-HHH	firstorder	MeanAbsoluteDeviation	65.27156573
wavelet-HHH	firstorder	TotalEnergy	86322058.24
wavelet-HHH	firstorder	Maximum	345.4195257
wavelet-HHH	firstorder	RootMeanSquared	90.42544043
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wavelet-HHH	firstorder	Minimum	-368.472359
wavelet-HHH	firstorder	Entropy	3.750686169
wavelet-HHH	firstorder	Range	713.8918847
wavelet-HHH	firstorder	Variance	8174.593437
wavelet-HHH	firstorder	10Percentile	-106.9722545
wavelet-HHH	firstorder	Kurtosis	5.396537998
wavelet-HHH	firstorder	Mean	-1.472018818
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.00865368
wavelet-HHH	glrlm	GrayLevelVariance	13.84514483
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008912992
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.089969279
wavelet-HHH	glrlm	RunVariance	0.099189856
wavelet-HHH	glrlm	GrayLevelNonUniformity	32.37507266
wavelet-HHH	glrlm	LongRunEmphasis	1.280572734
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	236.602949
wavelet-HHH	glrlm	RunLengthNonUniformity	308.0697655
wavelet-HHH	glrlm	ShortRunEmphasis	0.940503283
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	320.4911963
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.010135942
wavelet-HHH	glrlm	RunEntropy	4.170275443
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	251.3987856
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.50238048
wavelet-HHH	glszm	SizeZoneNonUniformity	71.33802817
wavelet-HHH	glszm	GrayLevelNonUniformity	9.323943662
wavelet-HHH	glszm	LargeAreaEmphasis	45.45774648
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	188.2600126
wavelet-HHH	glszm	ZonePercentage	0.363171355

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.205562378
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	11003.30986
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	257.971831
wavelet-HHH	glszm	SmallAreaEmphasis	0.73164863
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.015683631
wavelet-HHH	glszm	ZoneEntropy	5.398632286
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014380738
wavelet-HHH	ngtdm	Coarseness	0.016915475
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wavelet-HHH	ngtdm	Busyness	0.110654928
wavelet-HLL	gldm	GrayLevelVariance	49.45137721
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wavelet-HLL	gldm	DependenceNonUniformity	106.1713555
wavelet-HLL	gldm	GrayLevelNonUniformity	16.86700767
wavelet-HLL	gldm	SmallDependenceEmphasis	0.440269253
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	375.9330605
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.271537994
wavelet-HLL	gldm	LargeDependenceEmphasis	6.314578005
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012158528
wavelet-HLL	gldm	DependenceVariance	1.420411954
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5024.255754
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003314353
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.004158354
wavelet-HLL	glcm	JointAverage	27.95977913
wavelet-HLL	glcm	SumAverage	55.91955826
wavelet-HLL	glcm	JointEntropy	8.219986302
wavelet-HLL	glcm	ClusterShade	208.1836197
wavelet-HLL	glcm	MaximumProbability	0.012010204
wavelet-HLL	glcm	Idmn	0.975260565
wavelet-HLL	glcm	JointEnergy	0.004036728
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wavelet-HLL	glcm	DifferenceEntropy	3.917407552
wavelet-HLL	glcm	InverseVariance	0.184295546
wavelet-HLL	glcm	DifferenceVariance	25.43001807
wavelet-HLL	glcm	Idn	0.897318479
wavelet-HLL	glcm	Idm	0.175132293
wavelet-HLL	glcm	Correlation	0.365145516
wavelet-HLL	glcm	Autocorrelation	799.6466308
wavelet-HLL	glcm	SumEntropy	5.360104503
wavelet-HLL	glcm	SumSquares	48.23258078
wavelet-HLL	glcm	ClusterProminence	50290.96981
wavelet-HLL	glcm	Imc2	0.959682774
wavelet-HLL	glcm	Imc1	-0.268943371
wavelet-HLL	glcm	DifferenceAverage	5.825498864
wavelet-HLL	glcm	Id	0.264830226
wavelet-HLL	glcm	ClusterTendency	132.2278499
wavelet-HLL	firstorder	InterquartileRange	214.7413473
wavelet-HLL	firstorder	Skewness	-0.19576249
wavelet-HLL	firstorder	Uniformity	0.043138127
wavelet-HLL	firstorder	Median	-30.7657009

wavelet-HLL	firstorder	Energy	12514685
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	92.71438387
wavelet-HLL	firstorder	MeanAbsoluteDeviation	137.0415278
wavelet-HLL	firstorder	TotalEnergy	337896495.1
wavelet-HLL	firstorder	Maximum	443.6049594
wavelet-HLL	firstorder	RootMeanSquared	178.9046311
wavelet-HLL	firstorder	90Percentile	199.434648
wavelet-HLL	firstorder	Minimum	-702.5081792
wavelet-HLL	firstorder	Entropy	4.768090896
wavelet-HLL	firstorder	Range	1146.113139
wavelet-HLL	firstorder	Variance	30801.71904
wavelet-HLL	firstorder	10Percentile	-284.8959106
wavelet-HLL	firstorder	Kurtosis	3.161016465
wavelet-HLL	firstorder	Mean	-34.7152413
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.004234589
wavelet-HLL	grlm	GrayLevelVariance	50.2342153
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.004288844
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.042720017
wavelet-HLL	grlm	RunVariance	0.050193224
wavelet-HLL	grlm	GrayLevelNonUniformity	15.92452806
wavelet-HLL	grlm	LongRunEmphasis	1.151564979
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	812.5342947
wavelet-HLL	grlm	RunLengthNonUniformity	339.54217
wavelet-HLL	grlm	ShortRunEmphasis	0.964187392
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	963.2164162
wavelet-HLL	grlm	RunPercentage	0.953373992
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.004517153
wavelet-HLL	grlm	RunEntropy	4.991742175
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	841.2522453
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.910235358
wavelet-HLL	glszm	GrayLevelVariance	61.35789571
wavelet-HLL	glszm	ZoneVariance	3.692284578
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.037953033
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.430843195
wavelet-HLL	glszm	SizeZoneNonUniformity	89.61538462
wavelet-HLL	glszm	GrayLevelNonUniformity	7.894230769
wavelet-HLL	glszm	LargeAreaEmphasis	7.225961538
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	582.8553373
wavelet-HLL	glszm	ZonePercentage	0.531969309
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015762976
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	5654.759615
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	864.3173077
wavelet-HLL	glszm	SmallAreaEmphasis	0.678287067
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.006480444
wavelet-HLL	glszm	ZoneEntropy	6.12920802
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006001642
wavelet-HLL	ngtdm	Coarseness	0.019263112
wavelet-HLL	ngtdm	Complexity	2105.743788
wavelet-HLL	ngtdm	Strength	8.52524055
wavelet-HLL	ngtdm	Contrast	0.297523283
wavelet-HLL	ngtdm	Busyness	0.054867986
wavelet-LHL	gldm	GrayLevelVariance	77.45732956
wavelet-LHL	gldm	HighGrayLevelEmphasis	1262.859335

wavelet-LHL	gldm	DependenceEntropy	6.474219068
wavelet-LHL	gldm	DependenceNonUniformity	113.2813299
wavelet-LHL	gldm	GrayLevelNonUniformity	15.30690537
wavelet-LHL	gldm	SmallDependenceEmphasis	0.498278253
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	657.8541039
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.289722071
wavelet-LHL	gldm	LargeDependenceEmphasis	5.62915601
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008220142
wavelet-LHL	gldm	DependenceVariance	1.326979808
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	6569.68798
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003162119
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.003664184
wavelet-LHL	glcm	JointAverage	34.26726895
wavelet-LHL	glcm	SumAverage	68.53453791
wavelet-LHL	glcm	JointEntropy	8.384410346
wavelet-LHL	glcm	ClusterShade	771.5063284
wavelet-LHL	glcm	MaximumProbability	0.011292172
wavelet-LHL	glcm	ldmn	0.969881336
wavelet-LHL	glcm	JointEnergy	0.00356881
wavelet-LHL	glcm	Contrast	118.0736718
wavelet-LHL	glcm	DifferenceEntropy	4.289780956
wavelet-LHL	glcm	InverseVariance	0.153175926
wavelet-LHL	glcm	DifferenceVariance	54.54845269
wavelet-LHL	glcm	ldn	0.892341683
wavelet-LHL	glcm	ldm	0.150360124
wavelet-LHL	glcm	Correlation	0.227363205
wavelet-LHL	glcm	Autocorrelation	1191.774615
wavelet-LHL	glcm	SumEntropy	5.525312354
wavelet-LHL	glcm	SumSquares	76.5377843
wavelet-LHL	glcm	ClusterProminence	130104.7288
wavelet-LHL	glcm	lmc2	0.979157459
wavelet-LHL	glcm	lmc1	-0.321164271
wavelet-LHL	glcm	DifferenceAverage	7.743151331
wavelet-LHL	glcm	ld	0.235947876
wavelet-LHL	glcm	ClusterTendency	188.0774654
wavelet-LHL	firstorder	InterquartileRange	231.0241318
wavelet-LHL	firstorder	Skewness	0.022891728
wavelet-LHL	firstorder	Uniformity	0.039148096
wavelet-LHL	firstorder	Median	-30.07591578
wavelet-LHL	firstorder	Energy	19193287.05
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	102.0860311
wavelet-LHL	firstorder	MeanAbsoluteDeviation	163.7505833
wavelet-LHL	firstorder	TotalEnergy	518218750.5
wavelet-LHL	firstorder	Maximum	560.0570008
wavelet-LHL	firstorder	RootMeanSquared	221.5574207
wavelet-LHL	firstorder	90Percentile	291.8115672
wavelet-LHL	firstorder	Minimum	-852.66016
wavelet-LHL	firstorder	Entropy	4.999524773
wavelet-LHL	firstorder	Range	1412.717161
wavelet-LHL	firstorder	Variance	48394.4073
wavelet-LHL	firstorder	10Percentile	-277.4378068
wavelet-LHL	firstorder	Kurtosis	3.750735097
wavelet-LHL	firstorder	Mean	-26.33027485

wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003749421
wavelet-LHL	glrlm	GrayLevelVariance	79.03596936
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.003779883
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038560902
wavelet-LHL	glrlm	RunVariance	0.046179386
wavelet-LHL	glrlm	GrayLevelNonUniformity	14.45398528
wavelet-LHL	glrlm	LongRunEmphasis	1.134821874
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1230.555521
wavelet-LHL	glrlm	RunLengthNonUniformity	345.6660003
wavelet-LHL	glrlm	ShortRunEmphasis	0.969054694
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1423.75971
wavelet-LHL	glrlm	RunPercentage	0.958685815
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.003914208
wavelet-LHL	glrlm	RunEntropy	5.20316093
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1266.940449
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.921844926
wavelet-LHL	glszm	GrayLevelVariance	98.8731394
wavelet-LHL	glszm	ZoneVariance	3.187292593
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.033010538
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.502959499
wavelet-LHL	glszm	SizeZoneNonUniformity	114.1718062
wavelet-LHL	glszm	GrayLevelNonUniformity	7.49339207
wavelet-LHL	glszm	LargeAreaEmphasis	6.154185022
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	983.0080512
wavelet-LHL	glszm	ZonePercentage	0.58056266
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.010501875
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	7289.603524
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1313.718062
wavelet-LHL	glszm	SmallAreaEmphasis	0.736248192
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.005592984
wavelet-LHL	glszm	ZoneEntropy	6.163537892
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005323175
wavelet-LHL	ngtdm	Coarseness	0.016805161
wavelet-LHL	ngtdm	Complexity	4776.58151
wavelet-LHL	ngtdm	Strength	11.84670014
wavelet-LHL	ngtdm	Contrast	0.405267869
wavelet-LHL	ngtdm	Busyness	0.036977695
wavelet-LHH	gldm	GrayLevelVariance	33.65845331
wavelet-LHH	gldm	HighGrayLevelEmphasis	686.8465473
wavelet-LHH	gldm	DependenceEntropy	6.150104111
wavelet-LHH	gldm	DependenceNonUniformity	99.2455243
wavelet-LHH	gldm	GrayLevelNonUniformity	24.09462916
wavelet-LHH	gldm	SmallDependenceEmphasis	0.436537303
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	316.6370066
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.25382487
wavelet-LHH	gldm	LargeDependenceEmphasis	7.588235294
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.016391721
wavelet-LHH	gldm	DependenceVariance	2.039861068
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4811.480818
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004341514
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.005291163
wavelet-LHH	glcm	JointAverage	25.56172276
wavelet-LHH	glcm	SumAverage	51.12344553

wavelet-LHH	glcm	JointEntropy	7.717898849
wavelet-LHH	glcm	ClusterShade	-115.2584845
wavelet-LHH	glcm	MaximumProbability	0.019627331
wavelet-LHH	glcm	Idmn	0.970071521
wavelet-LHH	glcm	JointEnergy	0.006361007
wavelet-LHH	glcm	Contrast	65.03216313
wavelet-LHH	glcm	DifferenceEntropy	3.918478103
wavelet-LHH	glcm	InverseVariance	0.196834521
wavelet-LHH	glcm	DifferenceVariance	30.62509142
wavelet-LHH	glcm	Idn	0.892006649
wavelet-LHH	glcm	Idm	0.190170603
wavelet-LHH	glcm	Correlation	-0.025944892
wavelet-LHH	glcm	Autocorrelation	652.8526296
wavelet-LHH	glcm	SumEntropy	4.746622212
wavelet-LHH	glcm	SumSquares	31.96201568
wavelet-LHH	glcm	ClusterProminence	25835.68401
wavelet-LHH	glcm	Imc2	0.922474882
wavelet-LHH	glcm	Imc1	-0.22166254
wavelet-LHH	glcm	DifferenceAverage	5.753281951
wavelet-LHH	glcm	Id	0.278298532
wavelet-LHH	glcm	ClusterTendency	62.81589957
wavelet-LHH	firstorder	InterquartileRange	152.9769032
wavelet-LHH	firstorder	Skewness	-0.206257426
wavelet-LHH	firstorder	Uniformity	0.061623092
wavelet-LHH	firstorder	Median	-8.8039473
wavelet-LHH	firstorder	Energy	8180503.358
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	63.63937856
wavelet-LHH	firstorder	MeanAbsoluteDeviation	103.852241
wavelet-LHH	firstorder	TotalEnergy	220873590.7
wavelet-LHH	firstorder	Maximum	441.7944982
wavelet-LHH	firstorder	RootMeanSquared	144.6444035
wavelet-LHH	firstorder	90Percentile	187.3536513
wavelet-LHH	firstorder	Minimum	-614.6476189
wavelet-LHH	firstorder	Entropy	4.38265603
wavelet-LHH	firstorder	Range	1056.442117
wavelet-LHH	firstorder	Variance	20920.07347
wavelet-LHH	firstorder	10Percentile	-152.9965504
wavelet-LHH	firstorder	Kurtosis	5.285945231
wavelet-LHH	firstorder	Mean	1.389245306
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.005424825
wavelet-LHH	grlm	GrayLevelVariance	34.84821192
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.00549045
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.059705449
wavelet-LHH	grlm	RunVariance	0.061179182
wavelet-LHH	grlm	GrayLevelNonUniformity	22.12801202
wavelet-LHH	grlm	LongRunEmphasis	1.175224048
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	664.987361
wavelet-LHH	grlm	RunLengthNonUniformity	334.9945816
wavelet-LHH	grlm	ShortRunEmphasis	0.961228345
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	801.1391503
wavelet-LHH	grlm	RunPercentage	0.947865434
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.005785814
wavelet-LHH	grlm	RunEntropy	4.658228504

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	689.650858
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.903418973
wavelet-LHH	glszm	GrayLevelVariance	52.04039983
wavelet-LHH	glszm	ZoneVariance	8.147933153
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.044981258
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.470897543
wavelet-LHH	glszm	SizeZoneNonUniformity	92.29591837
wavelet-LHH	glszm	GrayLevelNonUniformity	8.816326531
wavelet-LHH	glszm	LargeAreaEmphasis	12.12755102
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	524.4835941
wavelet-LHH	glszm	ZonePercentage	0.501278772
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.02769987
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	7552.464286
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	726.9795918
wavelet-LHH	glszm	SmallAreaEmphasis	0.7121887
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008872485
wavelet-LHH	glszm	ZoneEntropy	5.83794226
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.008395447
wavelet-LHH	ngtdm	Coarseness	0.016661249
wavelet-LHH	ngtdm	Complexity	2302.038761
wavelet-LHH	ngtdm	Strength	7.05694843
wavelet-LHH	ngtdm	Contrast	0.247703665
wavelet-LHH	ngtdm	Busyness	0.059546789
wavelet-LLH	gldm	GrayLevelVariance	61.47423159
wavelet-LLH	gldm	HighGrayLevelEmphasis	513.2813299
wavelet-LLH	gldm	DependenceEntropy	6.460042536
wavelet-LLH	gldm	DependenceNonUniformity	116.3861893
wavelet-LLH	gldm	GrayLevelNonUniformity	15.51662404
wavelet-LLH	gldm	SmallDependenceEmphasis	0.502540585
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	278.6489294
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.297662888
wavelet-LLH	gldm	LargeDependenceEmphasis	5.900255754
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.022430929
wavelet-LLH	gldm	DependenceVariance	1.57683427
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2691.649616
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005311198
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006952517
wavelet-LLH	glcm	JointAverage	20.33062112
wavelet-LLH	glcm	SumAverage	40.66124224
wavelet-LLH	glcm	JointEntropy	8.295547054
wavelet-LLH	glcm	ClusterShade	668.1076975
wavelet-LLH	glcm	MaximumProbability	0.011466713
wavelet-LLH	glcm	ldmn	0.962095718
wavelet-LLH	glcm	JointEnergy	0.00378214
wavelet-LLH	glcm	Contrast	93.8234535
wavelet-LLH	glcm	DifferenceEntropy	4.176526634
wavelet-LLH	glcm	InverseVariance	0.159564466
wavelet-LLH	glcm	DifferenceVariance	39.87376328
wavelet-LLH	glcm	ldn	0.876834085
wavelet-LLH	glcm	ldm	0.153932295
wavelet-LLH	glcm	Correlation	0.155707979
wavelet-LLH	glcm	Autocorrelation	423.2317847
wavelet-LLH	glcm	SumEntropy	5.322049583

wavelet-LLH	glcm	SumSquares	56.73726771
wavelet-LLH	glcm	ClusterProminence	66452.46765
wavelet-LLH	glcm	Imc2	0.965648017
wavelet-LLH	glcm	Imc1	-0.281449375
wavelet-LLH	glcm	DifferenceAverage	7.154072962
wavelet-LLH	glcm	Id	0.24031478
wavelet-LLH	glcm	ClusterTendency	133.1256173
wavelet-LLH	firstorder	InterquartileRange	244.8637786
wavelet-LLH	firstorder	Skewness	0.367146645
wavelet-LLH	firstorder	Uniformity	0.03968446
wavelet-LLH	firstorder	Median	-40.28319103
wavelet-LLH	firstorder	Energy	15437996.96
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	104.9659133
wavelet-LLH	firstorder	MeanAbsoluteDeviation	153.7426327
wavelet-LLH	firstorder	TotalEnergy	416825918
wavelet-LLH	firstorder	Maximum	595.0842637
wavelet-LLH	firstorder	RootMeanSquared	198.7042229
wavelet-LLH	firstorder	90Percentile	226.6056991
wavelet-LLH	firstorder	Minimum	-549.9352761
wavelet-LLH	firstorder	Entropy	4.910384889
wavelet-LLH	firstorder	Range	1145.01954
wavelet-LLH	firstorder	Variance	38497.92775
wavelet-LLH	firstorder	10Percentile	-271.8854489
wavelet-LLH	firstorder	Kurtosis	3.177971999
wavelet-LLH	firstorder	Mean	-31.39172571
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007010936
wavelet-LLH	glrlm	GrayLevelVariance	62.60261126
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007113822
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.039125812
wavelet-LLH	glrlm	RunVariance	0.046430223
wavelet-LLH	glrlm	GrayLevelNonUniformity	14.6637641
wavelet-LLH	glrlm	LongRunEmphasis	1.136126888
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	501.8385113
wavelet-LLH	glrlm	RunLengthNonUniformity	345.5063456
wavelet-LLH	glrlm	ShortRunEmphasis	0.968779378
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	577.4473542
wavelet-LLH	glrlm	RunPercentage	0.958489081
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00755407
wavelet-LLH	glrlm	RunEntropy	5.119591215
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	515.960344
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.92134975
wavelet-LLH	glszm	GrayLevelVariance	76.1947259
wavelet-LLH	glszm	ZoneVariance	2.08826087
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.034782609
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.489149338
wavelet-LLH	glszm	SizeZoneNonUniformity	112.5043478
wavelet-LLH	glszm	GrayLevelNonUniformity	8
wavelet-LLH	glszm	LargeAreaEmphasis	4.97826087
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	412.4839231
wavelet-LLH	glszm	ZonePercentage	0.588235294
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022152472
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2311.378261
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	550.1086957



wavelet-LLH	glszm	SmallAreaEmphasis	0.726772942
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009494287
wavelet-LLH	glszm	ZoneEntropy	6.175852147
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008603065
wavelet-LLH	ngtdm	Coarseness	0.01644869
wavelet-LLH	ngtdm	Complexity	3732.358509
wavelet-LLH	ngtdm	Strength	9.499120047
wavelet-LLH	ngtdm	Contrast	0.360509036
wavelet-LLH	ngtdm	Busyness	0.071936213
wavelet-LLL	gldm	GrayLevelVariance	847.374677
wavelet-LLL	gldm	HighGrayLevelEmphasis	3541.542199
wavelet-LLL	gldm	DependenceEntropy	7.065478419
wavelet-LLL	gldm	DependenceNonUniformity	211.971867
wavelet-LLL	gldm	GrayLevelNonUniformity	4.938618926
wavelet-LLL	gldm	SmallDependenceEmphasis	0.762992327
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2410.119796
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.542127537
wavelet-LLL	gldm	LargeDependenceEmphasis	2.47314578
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.020729522
wavelet-LLL	gldm	DependenceVariance	0.501671234
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11931.11253
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007730994
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009715349
wavelet-LLL	glcm	JointAverage	58.37521737
wavelet-LLL	glcm	SumAverage	116.7504347
wavelet-LLL	glcm	JointEntropy	9.006773396
wavelet-LLL	glcm	ClusterShade	-13812.97395
wavelet-LLL	glcm	MaximumProbability	0.0055824
wavelet-LLL	glcm	ldmn	0.953002375
wavelet-LLL	glcm	JointEnergy	0.002032178
wavelet-LLL	glcm	Contrast	607.8376143
wavelet-LLL	glcm	DifferenceEntropy	5.409168674
wavelet-LLL	glcm	InverseVariance	0.069102851
wavelet-LLL	glcm	DifferenceVariance	224.4461483
wavelet-LLL	glcm	ldn	0.858486602
wavelet-LLL	glcm	ldm	0.064204597
wavelet-LLL	glcm	Correlation	0.644004275
wavelet-LLL	glcm	Autocorrelation	3960.615019
wavelet-LLL	glcm	SumEntropy	6.998788662
wavelet-LLL	glcm	SumSquares	854.5855242
wavelet-LLL	glcm	ClusterProminence	15523726.12
wavelet-LLL	glcm	lmc2	0.999758638
wavelet-LLL	glcm	lmc1	-0.59609426
wavelet-LLL	glcm	DifferenceAverage	19.21901031
wavelet-LLL	glcm	ld	0.125712192
wavelet-LLL	glcm	ClusterTendency	2810.504483
wavelet-LLL	firstorder	InterquartileRange	1226.525756
wavelet-LLL	firstorder	Skewness	0.183158706
wavelet-LLL	firstorder	Uniformity	0.012630739
wavelet-LLL	firstorder	Median	-1079.043223
wavelet-LLL	firstorder	Energy	629638614.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	489.2200604
wavelet-LLL	firstorder	MeanAbsoluteDeviation	621.4018381

wavelet-LLL	firstorder	TotalEnergy	17000242588
wavelet-LLL	firstorder	Maximum	305.3363416
wavelet-LLL	firstorder	RootMeanSquared	1268.987367
wavelet-LLL	firstorder	90Percentile	68.36245758
wavelet-LLL	firstorder	Minimum	-2305.835024
wavelet-LLL	firstorder	Entropy	6.462264226
wavelet-LLL	firstorder	Range	2611.171366
wavelet-LLL	firstorder	Variance	529814.986
wavelet-LLL	firstorder	10Percentile	-1946.169623
wavelet-LLL	firstorder	Kurtosis	1.892718564
wavelet-LLL	firstorder	Mean	-1039.47773
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.009650285
wavelet-LLL	grlm	GrayLevelVariance	840.6099447
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.009743908
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.012601075
wavelet-LLL	grlm	RunVariance	0.015937478
wavelet-LLL	grlm	GrayLevelNonUniformity	4.850522067
wavelet-LLL	grlm	LongRunEmphasis	1.047966251
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3451.137105
wavelet-LLL	grlm	RunLengthNonUniformity	373.1577872
wavelet-LLL	grlm	ShortRunEmphasis	0.988232181
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3765.321545
wavelet-LLL	grlm	RunPercentage	0.984457997
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.010121899
wavelet-LLL	grlm	RunEntropy	6.514846965
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3513.92817
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.969307957
wavelet-LLL	glszm	GrayLevelVariance	762.5632709
wavelet-LLL	glszm	ZoneVariance	0.376122126
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012528993
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.739521161
wavelet-LLL	glszm	SizeZoneNonUniformity	237.3862928
wavelet-LLL	glszm	GrayLevelNonUniformity	4.021806854
wavelet-LLL	glszm	LargeAreaEmphasis	1.859813084
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2717.841421
wavelet-LLL	glszm	ZonePercentage	0.820971867
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017362381
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8062.894081
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3219.448598
wavelet-LLL	glszm	SmallAreaEmphasis	0.882647975
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.009891265
wavelet-LLL	glszm	ZoneEntropy	6.856712014
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008934487
wavelet-LLL	ngtdm	Coarseness	0.018306202
wavelet-LLL	ngtdm	Complexity	44785.13405
wavelet-LLL	ngtdm	Strength	82.0772205
wavelet-LLL	ngtdm	Contrast	1.856420366
wavelet-LLL	ngtdm	Busyness	0.012473505
wavelet-HHL	gldm	GrayLevelVariance	17.81762286
wavelet-HHL	gldm	HighGrayLevelEmphasis	158.3401535
wavelet-HHL	gldm	DependenceEntropy	6.022564485
wavelet-HHL	gldm	DependenceNonUniformity	76.89769821
wavelet-HHL	gldm	GrayLevelNonUniformity	32.35549872

wavelet-HHL	gldm	SmallDependenceEmphasis	0.348489274
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	65.04867746
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.196669305
wavelet-HHL	gldm	LargeDependenceEmphasis	10.87212276
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.101280545
wavelet-HHL	gldm	DependenceVariance	2.856417737
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1484.381074
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007281101
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.013782691
wavelet-HHL	glcm	JointAverage	11.76189185
wavelet-HHL	glcm	SumAverage	23.52378371
wavelet-HHL	glcm	JointEntropy	7.081306914
wavelet-HHL	glcm	ClusterShade	200.6892326
wavelet-HHL	glcm	MaximumProbability	0.027410645
wavelet-HHL	glcm	Idmn	0.982218324
wavelet-HHL	glcm	JointEnergy	0.009905075
wavelet-HHL	glcm	Contrast	28.51357135
wavelet-HHL	glcm	DifferenceEntropy	3.403036009
wavelet-HHL	glcm	InverseVariance	0.261371365
wavelet-HHL	glcm	DifferenceVariance	13.39342272
wavelet-HHL	glcm	Idn	0.913854721
wavelet-HHL	glcm	Idm	0.249627062
wavelet-HHL	glcm	Correlation	0.029804348
wavelet-HHL	glcm	Autocorrelation	138.9206999
wavelet-HHL	glcm	SumEntropy	4.271212266
wavelet-HHL	glcm	SumSquares	14.83188713
wavelet-HHL	glcm	ClusterProminence	8943.129447
wavelet-HHL	glcm	Imc2	0.823200207
wavelet-HHL	glcm	Imc1	-0.148990709
wavelet-HHL	glcm	DifferenceAverage	3.860984985
wavelet-HHL	glcm	Id	0.337583423
wavelet-HHL	glcm	ClusterTendency	30.81397716
wavelet-HHL	firstorder	InterquartileRange	108.478231
wavelet-HHL	firstorder	Skewness	1.32581251
wavelet-HHL	firstorder	Uniformity	0.082750636
wavelet-HHL	firstorder	Median	-0.374822852
wavelet-HHL	firstorder	Energy	4373781.291
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	46.42776603
wavelet-HHL	firstorder	MeanAbsoluteDeviation	74.97092215
wavelet-HHL	firstorder	TotalEnergy	118092094.9
wavelet-HHL	firstorder	Maximum	652.605816
wavelet-HHL	firstorder	RootMeanSquared	105.7645565
wavelet-HHL	firstorder	90Percentile	126.0261525
wavelet-HHL	firstorder	Minimum	-261.0247232
wavelet-HHL	firstorder	Entropy	3.916472491
wavelet-HHL	firstorder	Range	913.6305392
wavelet-HHL	firstorder	Variance	11109.25783
wavelet-HHL	firstorder	10Percentile	-99.7990325
wavelet-HHL	firstorder	Kurtosis	8.288867499
wavelet-HHL	firstorder	Mean	8.76832803
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013650114
wavelet-HHL	glrlm	GrayLevelVariance	18.675832
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.014134219

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.080357163
wavelet-HHL	grlm	RunVariance	0.086221115
wavelet-HHL	grlm	GrayLevelNonUniformity	29.20725487
wavelet-HHL	grlm	LongRunEmphasis	1.245136335
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	152.5724459
wavelet-HHL	grlm	RunLengthNonUniformity	317.1070926
wavelet-HHL	grlm	ShortRunEmphasis	0.94743922
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	193.6444564
wavelet-HHL	grlm	RunPercentage	0.929569152
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.016376416
wavelet-HHL	grlm	RunEntropy	4.284858506
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	159.8700311
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.871745919
wavelet-HHL	glszm	GrayLevelVariance	32.88735102
wavelet-HHL	glszm	ZoneVariance	16.37763253
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.060105088
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.43073177
wavelet-HHL	glszm	SizeZoneNonUniformity	65.90196078
wavelet-HHL	glszm	GrayLevelNonUniformity	9.196078431
wavelet-HHL	glszm	LargeAreaEmphasis	22.90849673
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	136.2310665
wavelet-HHL	glszm	ZonePercentage	0.391304348
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.20957547
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	3081.20915
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	185.9673203
wavelet-HHL	glszm	SmallAreaEmphasis	0.682100141
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.020221349
wavelet-HHL	glszm	ZoneEntropy	5.579067947
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016355137
wavelet-HHL	ngtdm	Coarseness	0.016381841
wavelet-HHL	ngtdm	Complexity	1073.690121
wavelet-HHL	ngtdm	Strength	5.652041322
wavelet-HHL	ngtdm	Contrast	0.140553524
wavelet-HHL	ngtdm	Busyness	0.160193645
wavelet-HLH	gldm	GrayLevelVariance	12.2747104
wavelet-HLH	gldm	HighGrayLevelEmphasis	123.1432225
wavelet-HLH	gldm	DependenceEntropy	5.782879855
wavelet-HLH	gldm	DependenceNonUniformity	86.14066496
wavelet-HLH	gldm	GrayLevelNonUniformity	33.80306905
wavelet-HLH	gldm	SmallDependenceEmphasis	0.3728069
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	51.33786536
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.220308606
wavelet-HLH	gldm	LargeDependenceEmphasis	10.15089514
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.121932698
wavelet-HLH	gldm	DependenceVariance	3.035236557
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1107.88491
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013269274
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.02107883
wavelet-HLH	glcm	JointAverage	10.56753732
wavelet-HLH	glcm	SumAverage	21.13507464
wavelet-HLH	glcm	JointEntropy	7.13687418
wavelet-HLH	glcm	ClusterShade	27.43797469
wavelet-HLH	glcm	MaximumProbability	0.03061093

wavelet-HLH	glcm	Idmn	0.959968561
wavelet-HLH	glcm	JointEnergy	0.009617278
wavelet-HLH	glcm	Contrast	26.67245945
wavelet-HLH	glcm	DifferenceEntropy	3.41885663
wavelet-HLH	glcm	InverseVariance	0.244912991
wavelet-HLH	glcm	DifferenceVariance	10.90852725
wavelet-HLH	glcm	Idn	0.869899597
wavelet-HLH	glcm	Idm	0.233626468
wavelet-HLH	glcm	Correlation	-0.028075392
wavelet-HLH	glcm	Autocorrelation	111.3028821
wavelet-HLH	glcm	SumEntropy	4.249773854
wavelet-HLH	glcm	SumSquares	12.96326436
wavelet-HLH	glcm	ClusterProminence	2322.750692
wavelet-HLH	glcm	Imc2	0.7949128
wavelet-HLH	glcm	Imc1	-0.131900511
wavelet-HLH	glcm	DifferenceAverage	3.941762214
wavelet-HLH	glcm	Id	0.324379986
wavelet-HLH	glcm	ClusterTendency	25.18059799
wavelet-HLH	firstorder	InterquartileRange	106.1413489
wavelet-HLH	firstorder	Skewness	0.288541569
wavelet-HLH	firstorder	Uniformity	0.086452862
wavelet-HLH	firstorder	Median	-1.413424762
wavelet-HLH	firstorder	Energy	2948658.413
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	44.43086469
wavelet-HLH	firstorder	MeanAbsoluteDeviation	66.62928382
wavelet-HLH	firstorder	TotalEnergy	79613777.16
wavelet-HLH	firstorder	Maximum	330.1187608
wavelet-HLH	firstorder	RootMeanSquared	86.84080761
wavelet-HLH	firstorder	90Percentile	103.519972
wavelet-HLH	firstorder	Minimum	-233.6897715
wavelet-HLH	firstorder	Entropy	3.793664659
wavelet-HLH	firstorder	Range	563.8085323
wavelet-HLH	firstorder	Variance	7541.007898
wavelet-HLH	firstorder	10Percentile	-107.3926802
wavelet-HLH	firstorder	Kurtosis	3.737344726
wavelet-HLH	firstorder	Mean	0.563886382
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.021176265
wavelet-HLH	glrlm	GrayLevelVariance	12.78367843
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.021733411
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.083711228
wavelet-HLH	glrlm	RunVariance	0.077432551
wavelet-HLH	glrlm	GrayLevelNonUniformity	30.63487655
wavelet-HLH	glrlm	LongRunEmphasis	1.220390387
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	118.7331412
wavelet-HLH	glrlm	RunLengthNonUniformity	323.110252
wavelet-HLH	glrlm	ShortRunEmphasis	0.952275201
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	148.2604451
wavelet-HLH	glrlm	RunPercentage	0.935864647
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024269266
wavelet-HLH	glrlm	RunEntropy	4.128388698
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	124.0240012
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.882509588
wavelet-HLH	glszm	GrayLevelVariance	19.93044014

wavelet-HLH	glszm	ZoneVariance	11.40911734
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.068157724
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.409185732
wavelet-HLH	glszm	SizeZoneNonUniformity	69.97076023
wavelet-HLH	glszm	GrayLevelNonUniformity	11.65497076
wavelet-HLH	glszm	LargeAreaEmphasis	16.6374269
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	95.46633569
wavelet-HLH	glszm	ZonePercentage	0.437340153
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.195253598
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1847.233918
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	135.9649123
wavelet-HLH	glszm	SmallAreaEmphasis	0.663661679
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.032702861
wavelet-HLH	glszm	ZoneEntropy	5.509631186
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.027865488
wavelet-HLH	ngtdm	Coarseness	0.015626902
wavelet-HLH	ngtdm	Complexity	496.6518589
wavelet-HLH	ngtdm	Strength	2.088343815
wavelet-HLH	ngtdm	Contrast	0.166512846
wavelet-HLH	ngtdm	Busyness	0.286202356

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	71c
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	103
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original	shape	Maximum2DDiameterSlice	21.63330765
original	shape	Sphericity	0.780974827
original	shape	MinorAxis	17.31789558
original	shape	Elongation	0.78689982
original	shape	SurfaceVolumeRatio	0.440331842
original	shape	Volume	2781
original	shape	MajorAxis	22.00775136
original	shape	SurfaceArea	1224.562854
original	shape	Flatness	0.561129484
original	shape	LeastAxis	12.34919816
original	shape	Maximum2DDiameterColumn	17.49285568
original	shape	Maximum2DDiameterRow	20.1246118
original	gldm	GrayLevelVariance	111.1213121
original	gldm	HighGrayLevelEmphasis	465.1456311
original	gldm	DependenceEntropy	5.419476319
original	gldm	DependenceNonUniformity	50.26213592
original	gldm	GrayLevelNonUniformity	3.932038835
original	gldm	SmallDependenceEmphasis	0.723633188
original	gldm	SmallDependenceHighGrayLevelEmphasis	291.9011569
original	gldm	DependenceNonUniformityNormalized	0.487981902
original	gldm	LargeDependenceEmphasis	7.27184466
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.046220765
original	gldm	DependenceVariance	3.687623716
original	gldm	LargeDependenceHighGrayLevelEmphasis	7584.563107
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.027241795

original	gldm	LowGrayLevelEmphasis	0.030128002
original	glcm	JointAverage	21.63139772
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original	glcm	JointEntropy	6.667299274
original	glcm	ClusterShade	-399.9437749
original	glcm	MaximumProbability	0.038508576
original	glcm	ldmn	0.89296253
original	glcm	JointEnergy	0.011009145
original	glcm	Contrast	193.906522
original	glcm	DifferenceEntropy	4.42472873
original	glcm	InverseVariance	0.08014129
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original	glcm	ldn	0.788809984
original	glcm	ldm	0.109883538
original	glcm	Correlation	0.158267625
original	glcm	Autocorrelation	485.909494
original	glcm	SumEntropy	5.082718558
original	glcm	SumSquares	114.7783669
original	glcm	ClusterProminence	153735.1771
original	glcm	lmc2	0.998245738
original	glcm	lmc1	-0.596355369
original	glcm	DifferenceAverage	11.22014179
original	glcm	ld	0.182941522
original	glcm	ClusterTendency	265.2069456
original	firstorder	InterquartileRange	461
original	firstorder	Skewness	0.176900533
original	firstorder	Uniformity	0.038175134
original	firstorder	Median	-397
original	firstorder	Energy	23097101
original	firstorder	RobustMeanAbsoluteDeviation	182.2563634
original	firstorder	MeanAbsoluteDeviation	230.1773966
original	firstorder	TotalEnergy	623621727
original	firstorder	Maximum	70
original	firstorder	RootMeanSquared	473.5437668
original	firstorder	90Percentile	-0.8
original	firstorder	Minimum	-845
original	firstorder	Entropy	4.909014888
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original	firstorder	10Percentile	-731.2
original	firstorder	Kurtosis	1.813922132
original	firstorder	Mean	-392.7281553
original	glrlm	ShortRunLowGrayLevelEmphasis	0.030903118
original	glrlm	GrayLevelVariance	106.988952
original	glrlm	LowGrayLevelRunEmphasis	0.0310325
original	glrlm	GrayLevelNonUniformityNormalized	0.036438316
original	glrlm	RunVariance	0.037427194
original	glrlm	GrayLevelNonUniformity	3.624977365
original	glrlm	LongRunEmphasis	1.11048104
original	glrlm	ShortRunHighGrayLevelEmphasis	422.4501639
original	glrlm	RunLengthNonUniformity	92.95789797
original	glrlm	ShortRunEmphasis	0.974124027
original	glrlm	LongRunHighGrayLevelEmphasis	555.0942903



original	glrlm	RunPercentage	0.965646004
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original	glrlm	RunEntropy	5.026725707
original	glrlm	HighGrayLevelRunEmphasis	447.170512
original	glrlm	RunLengthNonUniformityNormalized	0.934276423
original	glszm	GrayLevelVariance	95.71734375
original	glszm	ZoneVariance	1.10484375
original	glszm	GrayLevelNonUniformityNormalized	0.035625
original	glszm	SizeZoneNonUniformityNormalized	0.7525
original	glszm	SizeZoneNonUniformity	60.2
original	glszm	GrayLevelNonUniformity	2.85
original	glszm	LargeAreaEmphasis	2.7625
original	glszm	SmallAreaHighGrayLevelEmphasis	359.6562361
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original	glszm	HighGrayLevelZoneEmphasis	405.0375
original	glszm	SmallAreaEmphasis	0.887807099
original	glszm	LowGrayLevelZoneEmphasis	0.036226112
original	glszm	ZoneEntropy	5.184506614
original	glszm	SmallAreaLowGrayLevelEmphasis	0.034460875
original	ngtdm	Coarseness	0.031442884
original	ngtdm	Complexity	4328.962357
original	ngtdm	Strength	18.36926983
original	ngtdm	Contrast	1.515614461
original	ngtdm	Busyness	0.055170118
wavelet-HHH	gldm	GrayLevelVariance	7.723819399
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wavelet-HHH	gldm	DependenceNonUniformity	22.84466019
wavelet-HHH	gldm	GrayLevelNonUniformity	12.24271845
wavelet-HHH	gldm	SmallDependenceEmphasis	0.426785329
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.46198759
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.221792817
wavelet-HHH	gldm	LargeDependenceEmphasis	8.844660194
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.111592509
wavelet-HHH	gldm	DependenceVariance	2.32481855
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	847.7669903
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017839204
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024579553
wavelet-HHH	glcm	JointAverage	9.397790206
wavelet-HHH	glcm	SumAverage	18.79558041
wavelet-HHH	glcm	JointEntropy	5.851132413
wavelet-HHH	glcm	ClusterShade	-3.731875605
wavelet-HHH	glcm	MaximumProbability	0.050687919
wavelet-HHH	glcm	ldmn	0.953271619
wavelet-HHH	glcm	JointEnergy	0.021189174
wavelet-HHH	glcm	Contrast	17.72090792
wavelet-HHH	glcm	DifferenceEntropy	3.00974301
wavelet-HHH	glcm	InverseVariance	0.277322074
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wavelet-HHH	glcm	ldn	0.858886503
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wavelet-HHH	glcm	Correlation	-0.053973083
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wavelet-HHH	glcm	ClusterProminence	864.1874272
wavelet-HHH	glcm	Imc2	0.923875185
wavelet-HHH	glcm	Imc1	-0.284887508
wavelet-HHH	glcm	DifferenceAverage	3.256235392
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wavelet-HHH	glcm	ClusterTendency	16.04379444
wavelet-HHH	firstorder	InterquartileRange	76.96935878
wavelet-HHH	firstorder	Skewness	0.016661809
wavelet-HHH	firstorder	Uniformity	0.118861344
wavelet-HHH	firstorder	Median	-1.95364852
wavelet-HHH	firstorder	Energy	471343.4572
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	31.45380051
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wavelet-HHH	firstorder	TotalEnergy	12726273.34
wavelet-HHH	firstorder	Maximum	212.0289964
wavelet-HHH	firstorder	RootMeanSquared	67.64724732
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wavelet-HHH	firstorder	Minimum	-205.6000901
wavelet-HHH	firstorder	Entropy	3.369024143
wavelet-HHH	firstorder	Range	417.6290865
wavelet-HHH	firstorder	Variance	4576.126545
wavelet-HHH	firstorder	10Percentile	-84.90164086
wavelet-HHH	firstorder	Kurtosis	4.03890116
wavelet-HHH	firstorder	Mean	0.153376242
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024911553
wavelet-HHH	glrlm	GrayLevelVariance	8.11045343
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.025437483
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.114781977
wavelet-HHH	glrlm	RunVariance	0.065778382
wavelet-HHH	glrlm	GrayLevelNonUniformity	11.120819
wavelet-HHH	glrlm	LongRunEmphasis	1.199721872
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	92.80174582
wavelet-HHH	glrlm	RunLengthNonUniformity	85.99811813
wavelet-HHH	glrlm	ShortRunEmphasis	0.953640743
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	116.4923502
wavelet-HHH	glrlm	RunPercentage	0.940253921
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.027674958
wavelet-HHH	glrlm	RunEntropy	3.664289371
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	97.22044253
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.886461396
wavelet-HHH	glszm	GrayLevelVariance	14.06770833
wavelet-HHH	glszm	ZoneVariance	8.666232639
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.0859375
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.548611111
wavelet-HHH	glszm	SizeZoneNonUniformity	26.33333333
wavelet-HHH	glszm	GrayLevelNonUniformity	4.125
wavelet-HHH	glszm	LargeAreaEmphasis	13.27083333
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	76.48577914
wavelet-HHH	glszm	ZonePercentage	0.466019417

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.174224186
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1275.041667
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	97.33333333
wavelet-HHH	glszm	SmallAreaEmphasis	0.763894539
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.039716049
wavelet-HHH	glszm	ZoneEntropy	4.405187699
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.036455618
wavelet-HHH	ngtdm	Coarseness	0.057031707
wavelet-HHH	ngtdm	Complexity	217.9816783
wavelet-HHH	ngtdm	Strength	4.315731655
wavelet-HHH	ngtdm	Contrast	0.143526042
wavelet-HHH	ngtdm	Busyness	0.107937659
wavelet-HLL	gldm	GrayLevelVariance	87.58073334
wavelet-HLL	gldm	HighGrayLevelEmphasis	670.592233
wavelet-HLL	gldm	DependenceEntropy	5.603501741
wavelet-HLL	gldm	DependenceNonUniformity	31.25242718
wavelet-HLL	gldm	GrayLevelNonUniformity	4.126213592
wavelet-HLL	gldm	SmallDependenceEmphasis	0.518373786
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	312.8606472
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.303421623
wavelet-HLL	gldm	LargeDependenceEmphasis	5.077669903
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022107072
wavelet-HLL	gldm	DependenceVariance	1.116410595
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3831.252427
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011356696
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.012571691
wavelet-HLL	glcm	JointAverage	23.43509245
wavelet-HLL	glcm	SumAverage	46.87018491
wavelet-HLL	glcm	JointEntropy	6.675289807
wavelet-HLL	glcm	ClusterShade	630.9076628
wavelet-HLL	glcm	MaximumProbability	0.024327666
wavelet-HLL	glcm	Idmn	0.947854283
wavelet-HLL	glcm	JointEnergy	0.010369088
wavelet-HLL	glcm	Contrast	111.6518772
wavelet-HLL	glcm	DifferenceEntropy	4.016037127
wavelet-HLL	glcm	InverseVariance	0.13454387
wavelet-HLL	glcm	DifferenceVariance	44.55864518
wavelet-HLL	glcm	Idn	0.857257143
wavelet-HLL	glcm	Idm	0.147549599
wavelet-HLL	glcm	Correlation	0.408984354
wavelet-HLL	glcm	Autocorrelation	587.9737344
wavelet-HLL	glcm	SumEntropy	5.059929466
wavelet-HLL	glcm	SumSquares	94.15069347
wavelet-HLL	glcm	ClusterProminence	141499.1941
wavelet-HLL	glcm	Imc2	0.998394712
wavelet-HLL	glcm	Imc1	-0.603553078
wavelet-HLL	glcm	DifferenceAverage	7.861705766
wavelet-HLL	glcm	Id	0.233071382
wavelet-HLL	glcm	ClusterTendency	264.9508967
wavelet-HLL	firstorder	InterquartileRange	394.935974
wavelet-HLL	firstorder	Skewness	-0.068665019
wavelet-HLL	firstorder	Uniformity	0.040060326
wavelet-HLL	firstorder	Median	-21.22038267

wavelet-HLL	firstorder	Energy	5779305.703
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	161.5828401
wavelet-HLL	firstorder	MeanAbsoluteDeviation	205.0412132
wavelet-HLL	firstorder	TotalEnergy	156041254
wavelet-HLL	firstorder	Maximum	403.2671044
wavelet-HLL	firstorder	RootMeanSquared	236.8749968
wavelet-HLL	firstorder	90Percentile	269.1404054
wavelet-HLL	firstorder	Minimum	-603.1321932
wavelet-HLL	firstorder	Entropy	4.852295344
wavelet-HLL	firstorder	Range	1006.399298
wavelet-HLL	firstorder	Variance	54911.27774
wavelet-HLL	firstorder	10Percentile	-327.241776
wavelet-HLL	firstorder	Kurtosis	1.938356448
wavelet-HLL	firstorder	Mean	-34.61916185
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.012908768
wavelet-HLL	grlm	GrayLevelVariance	87.49154422
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.012981003
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.039379378
wavelet-HLL	grlm	RunVariance	0.039479568
wavelet-HLL	grlm	GrayLevelNonUniformity	3.902969299
wavelet-HLL	grlm	LongRunEmphasis	1.122325624
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	644.334691
wavelet-HLL	grlm	RunLengthNonUniformity	91.82328262
wavelet-HLL	grlm	ShortRunEmphasis	0.970273295
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	760.8567449
wavelet-HLL	grlm	RunPercentage	0.961911875
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.013272899
wavelet-HLL	grlm	RunEntropy	4.974681023
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	666.8486744
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.925563942
wavelet-HLL	glszm	GrayLevelVariance	86.12109375
wavelet-HLL	glszm	ZoneVariance	1.456787109
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.037109375
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.496582031
wavelet-HLL	glszm	SizeZoneNonUniformity	31.78125
wavelet-HLL	glszm	GrayLevelNonUniformity	2.375
wavelet-HLL	glszm	LargeAreaEmphasis	4.046875
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	432.6354384
wavelet-HLL	glszm	ZonePercentage	0.621359223
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.025854448
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2989.390625
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	629.59375
wavelet-HLL	glszm	SmallAreaEmphasis	0.730660807
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018680534
wavelet-HLL	glszm	ZoneEntropy	5.413909766
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017982809
wavelet-HLL	ngtdm	Coarseness	0.05420556
wavelet-HLL	ngtdm	Complexity	2215.835158
wavelet-HLL	ngtdm	Strength	26.70410303
wavelet-HLL	ngtdm	Contrast	0.749698618
wavelet-HLL	ngtdm	Busyness	0.02802534
wavelet-LHL	gldm	GrayLevelVariance	129.4568762
wavelet-LHL	gldm	HighGrayLevelEmphasis	821.7087379

wavelet-LHL	gldm	DependenceEntropy	5.695829653
wavelet-LHL	gldm	DependenceNonUniformity	50.59223301
wavelet-LHL	gldm	GrayLevelNonUniformity	3.563106796
wavelet-LHL	gldm	SmallDependenceEmphasis	0.70745685
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	620.9496359
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.491186728
wavelet-LHL	gldm	LargeDependenceEmphasis	2.495145631
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022177116
wavelet-LHL	gldm	DependenceVariance	0.402488453
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1948.252427
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012296939
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.014167119
wavelet-LHL	glcm	JointAverage	24.83171391
wavelet-LHL	glcm	SumAverage	49.66342782
wavelet-LHL	glcm	JointEntropy	6.764161092
wavelet-LHL	glcm	ClusterShade	273.9826194
wavelet-LHL	glcm	MaximumProbability	0.019282649
wavelet-LHL	glcm	ldmn	0.917449795
wavelet-LHL	glcm	JointEnergy	0.009569837
wavelet-LHL	glcm	Contrast	226.9513885
wavelet-LHL	glcm	DifferenceEntropy	4.409262529
wavelet-LHL	glcm	InverseVariance	0.090643449
wavelet-LHL	glcm	DifferenceVariance	79.22615571
wavelet-LHL	glcm	ldn	0.816255284
wavelet-LHL	glcm	ldm	0.088461882
wavelet-LHL	glcm	Correlation	0.141224003
wavelet-LHL	glcm	Autocorrelation	637.2479217
wavelet-LHL	glcm	SumEntropy	5.098121427
wavelet-LHL	glcm	SumSquares	133.6972415
wavelet-LHL	glcm	ClusterProminence	227307.1029
wavelet-LHL	glcm	lmc2	0.999179476
wavelet-LHL	glcm	lmc1	-0.645133057
wavelet-LHL	glcm	DifferenceAverage	11.72038463
wavelet-LHL	glcm	ld	0.165208799
wavelet-LHL	glcm	ClusterTendency	307.8375776
wavelet-LHL	firstorder	InterquartileRange	423.5702715
wavelet-LHL	firstorder	Skewness	-0.300326765
wavelet-LHL	firstorder	Uniformity	0.03459327
wavelet-LHL	firstorder	Median	-6.901730374
wavelet-LHL	firstorder	Energy	8422430.917
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	173.0538136
wavelet-LHL	firstorder	MeanAbsoluteDeviation	236.3080142
wavelet-LHL	firstorder	TotalEnergy	227405634.8
wavelet-LHL	firstorder	Maximum	450.5523329
wavelet-LHL	firstorder	RootMeanSquared	285.9565945
wavelet-LHL	firstorder	90Percentile	309.8604103
wavelet-LHL	firstorder	Minimum	-674.2318444
wavelet-LHL	firstorder	Entropy	5.036700377
wavelet-LHL	firstorder	Range	1124.784177
wavelet-LHL	firstorder	Variance	80799.17211
wavelet-LHL	firstorder	10Percentile	-457.7918064
wavelet-LHL	firstorder	Kurtosis	2.160949497
wavelet-LHL	firstorder	Mean	-31.17694416

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.01423988
wavelet-LHL	grlm	GrayLevelVariance	129.6032219
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.014315932
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.034472436
wavelet-LHL	grlm	RunVariance	0.018713369
wavelet-LHL	grlm	GrayLevelNonUniformity	3.489907059
wavelet-LHL	grlm	LongRunEmphasis	1.054636912
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	814.455757
wavelet-LHL	grlm	RunLengthNonUniformity	97.93873279
wavelet-LHL	grlm	ShortRunEmphasis	0.987204106
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	864.0244063
wavelet-LHL	grlm	RunPercentage	0.982823002
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.014622661
wavelet-LHL	grlm	RunEntropy	5.083375518
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	823.4239632
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.967093994
wavelet-LHL	glszm	GrayLevelVariance	131.885
wavelet-LHL	glszm	ZoneVariance	0.45484375
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.0325
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.6615625
wavelet-LHL	glszm	SizeZoneNonUniformity	52.925
wavelet-LHL	glszm	GrayLevelNonUniformity	2.6
wavelet-LHL	glszm	LargeAreaEmphasis	2.1125
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	749.5081111
wavelet-LHL	glszm	ZonePercentage	0.776699029
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.021924451
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1745.525
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	850.125
wavelet-LHL	glszm	SmallAreaEmphasis	0.840430556
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016573889
wavelet-LHL	glszm	ZoneEntropy	5.480875438
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015416802
wavelet-LHL	ngtdm	Coarseness	0.036096117
wavelet-LHL	ngtdm	Complexity	5490.501862
wavelet-LHL	ngtdm	Strength	24.75191697
wavelet-LHL	ngtdm	Contrast	1.604207425
wavelet-LHL	ngtdm	Busyness	0.032606871
wavelet-LHH	gldm	GrayLevelVariance	21.07248563
wavelet-LHH	gldm	HighGrayLevelEmphasis	234.5728155
wavelet-LHH	gldm	DependenceEntropy	5.096077833
wavelet-LHH	gldm	DependenceNonUniformity	38.9223301
wavelet-LHH	gldm	GrayLevelNonUniformity	7.582524272
wavelet-LHH	gldm	SmallDependenceEmphasis	0.533274002
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	129.3653533
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.3778867
wavelet-LHH	gldm	LargeDependenceEmphasis	3.951456311
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032245822
wavelet-LHH	gldm	DependenceVariance	0.725421812
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	860.8834951
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014008731
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016429438
wavelet-LHH	glcm	JointAverage	14.8562356
wavelet-LHH	glcm	SumAverage	29.71247119

wavelet-LHH	glcm	JointEntropy	6.377885621
wavelet-LHH	glcm	ClusterShade	-7.06101564
wavelet-LHH	glcm	MaximumProbability	0.032775499
wavelet-LHH	glcm	Idmn	0.947902529
wavelet-LHH	glcm	JointEnergy	0.013543268
wavelet-LHH	glcm	Contrast	45.26493804
wavelet-LHH	glcm	DifferenceEntropy	3.566159933
wavelet-LHH	glcm	InverseVariance	0.190510021
wavelet-LHH	glcm	DifferenceVariance	17.14596554
wavelet-LHH	glcm	Idn	0.850328253
wavelet-LHH	glcm	Idm	0.169979903
wavelet-LHH	glcm	Correlation	-0.027974136
wavelet-LHH	glcm	Autocorrelation	220.2077693
wavelet-LHH	glcm	SumEntropy	4.227614882
wavelet-LHH	glcm	SumSquares	22.08604605
wavelet-LHH	glcm	ClusterProminence	6580.981582
wavelet-LHH	glcm	Imc2	0.983179087
wavelet-LHH	glcm	Imc1	-0.427005206
wavelet-LHH	glcm	DifferenceAverage	5.240145946
wavelet-LHH	glcm	Id	0.26428283
wavelet-LHH	glcm	ClusterTendency	43.07924616
wavelet-LHH	firstorder	InterquartileRange	131.9689324
wavelet-LHH	firstorder	Skewness	-0.024379704
wavelet-LHH	firstorder	Uniformity	0.073616741
wavelet-LHH	firstorder	Median	-5.522878949
wavelet-LHH	firstorder	Energy	1342992.412
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	57.97419531
wavelet-LHH	firstorder	MeanAbsoluteDeviation	88.84751003
wavelet-LHH	firstorder	TotalEnergy	36260795.12
wavelet-LHH	firstorder	Maximum	301.508901
wavelet-LHH	firstorder	RootMeanSquared	114.1873955
wavelet-LHH	firstorder	90Percentile	146.1156636
wavelet-LHH	firstorder	Minimum	-334.9638992
wavelet-LHH	firstorder	Entropy	4.047500655
wavelet-LHH	firstorder	Range	636.4728003
wavelet-LHH	firstorder	Variance	13034.25061
wavelet-LHH	firstorder	10Percentile	-127.7274232
wavelet-LHH	firstorder	Kurtosis	3.295048515
wavelet-LHH	firstorder	Mean	2.123833528
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.016657843
wavelet-LHH	glrlm	GrayLevelVariance	21.50183918
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.016784886
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.072448469
wavelet-LHH	glrlm	RunVariance	0.03054441
wavelet-LHH	glrlm	GrayLevelNonUniformity	7.235062088
wavelet-LHH	glrlm	LongRunEmphasis	1.095834783
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	229.9019255
wavelet-LHH	glrlm	RunLengthNonUniformity	93.81142433
wavelet-LHH	glrlm	ShortRunEmphasis	0.976041304
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	255.9682862
wavelet-LHH	glrlm	RunPercentage	0.969380134
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.017293055
wavelet-LHH	glrlm	RunEntropy	4.184084919

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	235.1151976
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.93891118
wavelet-LHH	glszm	GrayLevelVariance	28.12608599
wavelet-LHH	glszm	ZoneVariance	0.935174872
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059924259
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.484072176
wavelet-LHH	glszm	SizeZoneNonUniformity	32.43283582
wavelet-LHH	glszm	GrayLevelNonUniformity	4.014925373
wavelet-LHH	glszm	LargeAreaEmphasis	3.298507463
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	172.6332919
wavelet-LHH	glszm	ZonePercentage	0.650485437
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.034355023
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	740.5820896
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	240.3283582
wavelet-LHH	glszm	SmallAreaEmphasis	0.706979558
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.022477969
wavelet-LHH	glszm	ZoneEntropy	5.028629862
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020972165
wavelet-LHH	ngtdm	Coarseness	0.053574591
wavelet-LHH	ngtdm	Complexity	676.8233693
wavelet-LHH	ngtdm	Strength	8.064483473
wavelet-LHH	ngtdm	Contrast	0.33435625
wavelet-LHH	ngtdm	Busyness	0.065971902
wavelet-LLH	gldm	GrayLevelVariance	87.15731926
wavelet-LLH	gldm	HighGrayLevelEmphasis	642.8349515
wavelet-LLH	gldm	DependenceEntropy	5.501654896
wavelet-LLH	gldm	DependenceNonUniformity	48.00970874
wavelet-LLH	gldm	GrayLevelNonUniformity	3.990291262
wavelet-LLH	gldm	SmallDependenceEmphasis	0.670577131
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	464.5782093
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.466113677
wavelet-LLH	gldm	LargeDependenceEmphasis	2.708737864
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.019526872
wavelet-LLH	gldm	DependenceVariance	0.444151192
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1619.76699
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011913598
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.013313583
wavelet-LLH	glcm	JointAverage	23.01269554
wavelet-LLH	glcm	SumAverage	46.02539107
wavelet-LLH	glcm	JointEntropy	6.721371244
wavelet-LLH	glcm	ClusterShade	486.3461229
wavelet-LLH	glcm	MaximumProbability	0.022520258
wavelet-LLH	glcm	ldmn	0.938156681
wavelet-LLH	glcm	JointEnergy	0.010008906
wavelet-LLH	glcm	Contrast	160.895215
wavelet-LLH	glcm	DifferenceEntropy	4.161496668
wavelet-LLH	glcm	InverseVariance	0.107715784
wavelet-LLH	glcm	DifferenceVariance	55.34728636
wavelet-LLH	glcm	ldn	0.838967574
wavelet-LLH	glcm	ldm	0.099708089
wavelet-LLH	glcm	Correlation	0.178222989
wavelet-LLH	glcm	Autocorrelation	547.96847
wavelet-LLH	glcm	SumEntropy	5.018844585



wavelet-LLH	glcm	SumSquares	98.73785033
wavelet-LLH	glcm	ClusterProminence	144974.986
wavelet-LLH	glcm	Imc2	0.998954006
wavelet-LLH	glcm	Imc1	-0.633650754
wavelet-LLH	glcm	DifferenceAverage	9.837627505
wavelet-LLH	glcm	Id	0.181814474
wavelet-LLH	glcm	ClusterTendency	234.0561863
wavelet-LLH	firstorder	InterquartileRange	327.6439419
wavelet-LLH	firstorder	Skewness	0.029565327
wavelet-LLH	firstorder	Uniformity	0.038740692
wavelet-LLH	firstorder	Median	-39.92759322
wavelet-LLH	firstorder	Energy	5843022.705
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	129.3833586
wavelet-LLH	firstorder	MeanAbsoluteDeviation	186.8307962
wavelet-LLH	firstorder	TotalEnergy	157761613
wavelet-LLH	firstorder	Maximum	503.9027894
wavelet-LLH	firstorder	RootMeanSquared	238.1771941
wavelet-LLH	firstorder	90Percentile	195.961779
wavelet-LLH	firstorder	Minimum	-604.5149915
wavelet-LLH	firstorder	Entropy	4.914311029
wavelet-LLH	firstorder	Range	1108.417781
wavelet-LLH	firstorder	Variance	54446.13584
wavelet-LLH	firstorder	10Percentile	-350.9672388
wavelet-LLH	firstorder	Kurtosis	2.705149357
wavelet-LLH	firstorder	Mean	-47.77279492
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.013445428
wavelet-LLH	grlm	GrayLevelVariance	87.60430639
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.013505958
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.038718034
wavelet-LLH	grlm	RunVariance	0.020853007
wavelet-LLH	grlm	GrayLevelNonUniformity	3.910065089
wavelet-LLH	grlm	LongRunEmphasis	1.063194608
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	636.5657294
wavelet-LLH	grlm	RunLengthNonUniformity	97.38404446
wavelet-LLH	grlm	ShortRunEmphasis	0.985047587
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	680.4217635
wavelet-LLH	grlm	RunPercentage	0.980582524
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.013751386
wavelet-LLH	grlm	RunEntropy	4.952813238
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	644.6436977
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.962818429
wavelet-LLH	glszm	GrayLevelVariance	92.50632911
wavelet-LLH	glszm	ZoneVariance	0.363403301
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.038615606
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.610318859
wavelet-LLH	glszm	SizeZoneNonUniformity	48.21518987
wavelet-LLH	glszm	GrayLevelNonUniformity	3.050632911
wavelet-LLH	glszm	LargeAreaEmphasis	2.063291139
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	567.8734177
wavelet-LLH	glszm	ZonePercentage	0.766990291
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.02004294
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1298.886076
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	668.5063291

wavelet-LLH	glszm	SmallAreaEmphasis	0.805379747
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016118866
wavelet-LLH	glszm	ZoneEntropy	5.341260495
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015234423
wavelet-LLH	ngtdm	Coarseness	0.045132447
wavelet-LLH	ngtdm	Complexity	3698.770138
wavelet-LLH	ngtdm	Strength	25.62055396
wavelet-LLH	ngtdm	Contrast	0.849401474
wavelet-LLH	ngtdm	Busyness	0.029072253
wavelet-LLL	gldm	GrayLevelVariance	520.7848054
wavelet-LLL	gldm	HighGrayLevelEmphasis	1796.592233
wavelet-LLL	gldm	DependenceEntropy	5.802815576
wavelet-LLL	gldm	DependenceNonUniformity	73.29126214
wavelet-LLL	gldm	GrayLevelNonUniformity	2.59223301
wavelet-LLL	gldm	SmallDependenceEmphasis	0.868932039
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1632.145631
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.711565652
wavelet-LLL	gldm	LargeDependenceEmphasis	1.524271845
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015234317
wavelet-LLL	gldm	DependenceVariance	0.144217174
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2454.378641
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01387455
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.014146503
wavelet-LLL	glcm	JointAverage	43.22351695
wavelet-LLL	glcm	SumAverage	86.4470339
wavelet-LLL	glcm	JointEntropy	6.837591885
wavelet-LLL	glcm	ClusterShade	15235.69781
wavelet-LLL	glcm	MaximumProbability	0.014890405
wavelet-LLL	glcm	ldmn	0.924206957
wavelet-LLL	glcm	JointEnergy	0.0088956
wavelet-LLL	glcm	Contrast	773.8970067
wavelet-LLL	glcm	DifferenceEntropy	4.92938064
wavelet-LLL	glcm	InverseVariance	0.052355253
wavelet-LLL	glcm	DifferenceVariance	236.9838316
wavelet-LLL	glcm	ldn	0.816259946
wavelet-LLL	glcm	ldm	0.043626192
wavelet-LLL	glcm	Correlation	0.326914355
wavelet-LLL	glcm	Autocorrelation	2050.722421
wavelet-LLL	glcm	SumEntropy	5.542049676
wavelet-LLL	glcm	SumSquares	568.1021014
wavelet-LLL	glcm	ClusterProminence	5209831.36
wavelet-LLL	glcm	lmc2	0.999898635
wavelet-LLL	glcm	lmc1	-0.769004915
wavelet-LLL	glcm	DifferenceAverage	22.79823058
wavelet-LLL	glcm	ld	0.097684303
wavelet-LLL	glcm	ClusterTendency	1498.511399
wavelet-LLL	firstorder	InterquartileRange	929.7403955
wavelet-LLL	firstorder	Skewness	0.620059646
wavelet-LLL	firstorder	Uniformity	0.025167311
wavelet-LLL	firstorder	Median	-1275.184255
wavelet-LLL	firstorder	Energy	180358993.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	334.980281
wavelet-LLL	firstorder	MeanAbsoluteDeviation	466.4331412

wavelet-LLL	firstorder	TotalEnergy	4869692833
wavelet-LLL	firstorder	Maximum	201.9487707
wavelet-LLL	firstorder	RootMeanSquared	1323.275554
wavelet-LLL	firstorder	90Percentile	-403.3855465
wavelet-LLL	firstorder	Minimum	-2052.458805
wavelet-LLL	firstorder	Entropy	5.581738877
wavelet-LLL	firstorder	Range	2254.407576
wavelet-LLL	firstorder	Variance	324350.4361
wavelet-LLL	firstorder	10Percentile	-1896.012102
wavelet-LLL	firstorder	Kurtosis	2.595966429
wavelet-LLL	firstorder	Mean	-1194.448725
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.014218376
wavelet-LLL	grlm	GrayLevelVariance	522.7594555
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.014229089
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.025054098
wavelet-LLL	grlm	RunVariance	0.006718545
wavelet-LLL	grlm	GrayLevelNonUniformity	2.563468865
wavelet-LLL	grlm	LongRunEmphasis	1.020542538
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1793.927668
wavelet-LLL	grlm	RunLengthNonUniformity	100.9490492
wavelet-LLL	grlm	ShortRunEmphasis	0.994864365
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1825.999282
wavelet-LLL	grlm	RunPercentage	0.993278566
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.014271938
wavelet-LLL	grlm	RunEntropy	5.599396287
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1800.341991
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.986562911
wavelet-LLL	glszm	GrayLevelVariance	548.6461068
wavelet-LLL	glszm	ZoneVariance	0.086577637
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023540063
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.826844726
wavelet-LLL	glszm	SizeZoneNonUniformity	77.72340426
wavelet-LLL	glszm	GrayLevelNonUniformity	2.212765957
wavelet-LLL	glszm	LargeAreaEmphasis	1.287234043
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1758.382979
wavelet-LLL	glszm	ZonePercentage	0.912621359
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015898278
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2208.861702
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1848.478723
wavelet-LLL	glszm	SmallAreaEmphasis	0.928191489
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.015302295
wavelet-LLL	glszm	ZoneEntropy	5.799061724
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015153299
wavelet-LLL	ngtdm	Coarseness	0.027174031
wavelet-LLL	ngtdm	Complexity	28372.82118
wavelet-LLL	ngtdm	Strength	93.45052647
wavelet-LLL	ngtdm	Contrast	4.628900955
wavelet-LLL	ngtdm	Busyness	0.025304312
wavelet-HHL	gldm	GrayLevelVariance	23.3002168
wavelet-HHL	gldm	HighGrayLevelEmphasis	161.0776699
wavelet-HHL	gldm	DependenceEntropy	5.238610392
wavelet-HHL	gldm	DependenceNonUniformity	36.65048544
wavelet-HHL	gldm	GrayLevelNonUniformity	6.45631068

wavelet-HHL	gldm	SmallDependenceEmphasis	0.587211435
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	102.9398948
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.355829956
wavelet-HHL	gldm	LargeDependenceEmphasis	4.339805825
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.0663913
wavelet-HHL	gldm	DependenceVariance	1.043642191
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	627.8543689
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018735507
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024024036
wavelet-HHL	glcm	JointAverage	11.90308682
wavelet-HHL	glcm	SumAverage	23.80617363
wavelet-HHL	glcm	JointEntropy	6.533261807
wavelet-HHL	glcm	ClusterShade	108.4023687
wavelet-HHL	glcm	MaximumProbability	0.024031293
wavelet-HHL	glcm	Idmn	0.933493226
wavelet-HHL	glcm	JointEnergy	0.011659813
wavelet-HHL	glcm	Contrast	51.08603461
wavelet-HHL	glcm	DifferenceEntropy	3.622082608
wavelet-HHL	glcm	InverseVariance	0.179468924
wavelet-HHL	glcm	DifferenceVariance	18.18150147
wavelet-HHL	glcm	Idn	0.832855691
wavelet-HHL	glcm	Idm	0.165394224
wavelet-HHL	glcm	Correlation	-0.004816515
wavelet-HHL	glcm	Autocorrelation	141.6944738
wavelet-HHL	glcm	SumEntropy	4.399684077
wavelet-HHL	glcm	SumSquares	25.51779684
wavelet-HHL	glcm	ClusterProminence	7654.805894
wavelet-HHL	glcm	Imc2	0.98735231
wavelet-HHL	glcm	Imc1	-0.442970489
wavelet-HHL	glcm	DifferenceAverage	5.594683517
wavelet-HHL	glcm	Id	0.258020005
wavelet-HHL	glcm	ClusterTendency	50.98515274
wavelet-HHL	firstorder	InterquartileRange	146.729043
wavelet-HHL	firstorder	Skewness	0.37821195
wavelet-HHL	firstorder	Uniformity	0.062682628
wavelet-HHL	firstorder	Median	-2.923518813
wavelet-HHL	firstorder	Energy	1501834.123
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	64.96177899
wavelet-HHL	firstorder	MeanAbsoluteDeviation	95.97756021
wavelet-HHL	firstorder	TotalEnergy	40549521.32
wavelet-HHL	firstorder	Maximum	334.1576441
wavelet-HHL	firstorder	RootMeanSquared	120.7514547
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wavelet-HHL	firstorder	Minimum	-250.3917563
wavelet-HHL	firstorder	Entropy	4.191552705
wavelet-HHL	firstorder	Range	584.5494004
wavelet-HHL	firstorder	Variance	14540.42655
wavelet-HHL	firstorder	10Percentile	-144.8452061
wavelet-HHL	firstorder	Kurtosis	2.839618838
wavelet-HHL	firstorder	Mean	6.362960517
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024068471
wavelet-HHL	glrlm	GrayLevelVariance	23.54155983
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024386731

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.062172378
wavelet-HHL	grlm	RunVariance	0.031287544
wavelet-HHL	grlm	GrayLevelNonUniformity	6.203281563
wavelet-HHL	grlm	LongRunEmphasis	1.098281743
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	158.2875532
wavelet-HHL	grlm	RunLengthNonUniformity	93.59483354
wavelet-HHL	grlm	ShortRunEmphasis	0.975429564
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	175.5742277
wavelet-HHL	grlm	RunPercentage	0.968633308
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.025659771
wavelet-HHL	grlm	RunEntropy	4.323676665
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	161.7448881
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.937424913
wavelet-HHL	glszm	GrayLevelVariance	27.2932526
wavelet-HHL	glszm	ZoneVariance	1.367430796
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058823529
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.584342561
wavelet-HHL	glszm	SizeZoneNonUniformity	39.73529412
wavelet-HHL	glszm	GrayLevelNonUniformity	4
wavelet-HHL	glszm	LargeAreaEmphasis	3.661764706
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	141.9717067
wavelet-HHL	glszm	ZonePercentage	0.660194175
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.060192206
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	553.9264706
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	170.5882353
wavelet-HHL	glszm	SmallAreaEmphasis	0.791840153
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.030055431
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.027273096
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wavelet-HHL	ngtdm	Busyness	0.090597988
wavelet-HLH	gldm	GrayLevelVariance	23.20576869
wavelet-HLH	gldm	HighGrayLevelEmphasis	317.8446602
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wavelet-HLH	gldm	DependenceNonUniformity	34.51456311
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.543352211
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	180.1773867
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.335092846
wavelet-HLH	gldm	LargeDependenceEmphasis	4.281553398
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028592685
wavelet-HLH	gldm	DependenceVariance	0.842869262
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1290.427184
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014298979
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.016017029
wavelet-HLH	glcm	JointAverage	17.15742654
wavelet-HLH	glcm	SumAverage	34.31485307
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wavelet-HLH	glcm	ClusterShade	-89.67510172
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wavelet-HLH	glcm	JointEnergy	0.013310082
wavelet-HLH	glcm	Contrast	48.20645271
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wavelet-HLH	glcm	Correlation	-0.013389085
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wavelet-HLH	glcm	ClusterProminence	8935.515957
wavelet-HLH	glcm	Imc2	0.982924007
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wavelet-HLH	glcm	Id	0.263202337
wavelet-HLH	glcm	ClusterTendency	46.97101513
wavelet-HLH	firstorder	InterquartileRange	156.7785741
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wavelet-HLH	firstorder	Uniformity	0.069657838
wavelet-HLH	firstorder	Median	-9.297991478
wavelet-HLH	firstorder	Energy	1511250.05
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	61.8701264
wavelet-HLH	firstorder	MeanAbsoluteDeviation	93.20949874
wavelet-HLH	firstorder	TotalEnergy	40803751.36
wavelet-HLH	firstorder	Maximum	296.3330977
wavelet-HLH	firstorder	RootMeanSquared	121.129396
wavelet-HLH	firstorder	90Percentile	151.363631
wavelet-HLH	firstorder	Minimum	-409.8911789
wavelet-HLH	firstorder	Entropy	4.065821203
wavelet-HLH	firstorder	Range	706.2242766
wavelet-HLH	firstorder	Variance	14606.94276
wavelet-HLH	firstorder	10Percentile	-139.4799836
wavelet-HLH	firstorder	Kurtosis	4.049382076
wavelet-HLH	firstorder	Mean	-8.086274111
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.016345278
wavelet-HLH	grlm	GrayLevelVariance	23.69008156
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.016441866
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.068727365
wavelet-HLH	grlm	RunVariance	0.03772072
wavelet-HLH	grlm	GrayLevelNonUniformity	6.84807905
wavelet-HLH	grlm	LongRunEmphasis	1.109331776
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	311.1787312
wavelet-HLH	grlm	RunLengthNonUniformity	93.46731485
wavelet-HLH	grlm	ShortRunEmphasis	0.975018645
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	351.9111778
wavelet-HLH	grlm	RunPercentage	0.967139656
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.016849547
wavelet-HLH	grlm	RunEntropy	4.210163547
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	318.4955801
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.937064013
wavelet-HLH	glszm	GrayLevelVariance	32.07004283

wavelet-HLH	glszm	ZoneVariance	2.104812295
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058201058
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.539430587
wavelet-HLH	glszm	SizeZoneNonUniformity	33.98412698
wavelet-HLH	glszm	GrayLevelNonUniformity	3.666666667
wavelet-HLH	glszm	LargeAreaEmphasis	4.777777778
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	255.9493827
wavelet-HLH	glszm	ZonePercentage	0.611650485
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.0385885
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1402.15873
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	330.3174603
wavelet-HLH	glszm	SmallAreaEmphasis	0.759611993
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.023768841
wavelet-HLH	glszm	ZoneEntropy	4.953004923
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022888949
wavelet-HLH	ngtdm	Coarseness	0.04381653
wavelet-HLH	ngtdm	Complexity	802.8517714
wavelet-HLH	ngtdm	Strength	8.335712474
wavelet-HLH	ngtdm	Contrast	0.40369642
wavelet-HLH	ngtdm	Busyness	0.071450183

Image type	Feature Class	Feature Name	
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general	info	MaskHash	bd48fd4
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
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original	shape	Volume	1701
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original	gldm	GrayLevelVariance	39.59234064
original	gldm	HighGrayLevelEmphasis	254.2380952
original	gldm	DependenceEntropy	4.836417971
original	gldm	DependenceNonUniformity	30.74603175
original	gldm	GrayLevelNonUniformity	3.412698413
original	gldm	SmallDependenceEmphasis	0.695767196



original	gldm	SmallDependenceHighGrayLevelEmphasis	168.2619048
original	gldm	DependenceNonUniformityNormalized	0.48803225
original	gldm	LargeDependenceEmphasis	2.428571429
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.036494404
original	gldm	DependenceVariance	0.342151675
original	gldm	LargeDependenceHighGrayLevelEmphasis	666.7142857
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.02549156
original	gldm	LowGrayLevelEmphasis	0.027561487
original	glcm	JointAverage	15.34158906
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original	glcm	JointEntropy	5.742419246
original	glcm	ClusterShade	-57.08124544
original	glcm	MaximumProbability	0.035431129
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original	glcm	Idn	0.798134141
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original	glcm	Correlation	0.020768194
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original	glcm	SumEntropy	4.15026037
original	glcm	SumSquares	40.50289929
original	glcm	ClusterProminence	17704.63939
original	glcm	Imc2	0.997595603
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original	glcm	DifferenceAverage	7.318504115
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original	glcm	ClusterTendency	81.4319807
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original	firstorder	Skewness	0.002793613
original	firstorder	Uniformity	0.054169816
original	firstorder	Median	-381
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original	firstorder	RobustMeanAbsoluteDeviation	97.63182007
original	firstorder	MeanAbsoluteDeviation	132.047871
original	firstorder	TotalEnergy	275636520
original	firstorder	Maximum	-84
original	firstorder	RootMeanSquared	402.5466551
original	firstorder	90Percentile	-142
original	firstorder	Minimum	-709
original	firstorder	Entropy	4.376200218
original	firstorder	Range	625
original	firstorder	Variance	24414.58705
original	firstorder	10Percentile	-564.8
original	firstorder	Kurtosis	2.118728005
original	firstorder	Mean	-370.984127
original	glrlm	ShortRunLowGrayLevelEmphasis	0.027847617
original	glrlm	GrayLevelVariance	39.68091671

original	glrlm	LowGrayLevelRunEmphasis	0.027933574
original	glrlm	GrayLevelNonUniformityNormalized	0.054094178
original	glrlm	RunVariance	0.017071171
original	glrlm	GrayLevelNonUniformity	3.349557992
original	glrlm	LongRunEmphasis	1.052975634
original	glrlm	ShortRunHighGrayLevelEmphasis	249.8712148
original	glrlm	RunLengthNonUniformity	59.84036123
original	glrlm	ShortRunEmphasis	0.986756092
original	glrlm	LongRunHighGrayLevelEmphasis	268.8491187
original	glrlm	RunPercentage	0.982905983
original	glrlm	LongRunLowGrayLevelEmphasis	0.0282774
original	glrlm	RunEntropy	4.420645144
original	glrlm	HighGrayLevelRunEmphasis	253.6667956
original	glrlm	RunLengthNonUniformityNormalized	0.965857658
original	glszm	GrayLevelVariance	41.02040816
original	glszm	ZoneVariance	0.448979592
original	glszm	GrayLevelNonUniformityNormalized	0.0545606
original	glszm	SizeZoneNonUniformityNormalized	0.643481883
original	glszm	SizeZoneNonUniformity	31.53061224
original	glszm	GrayLevelNonUniformity	2.673469388
original	glszm	LargeAreaEmphasis	2.102040816
original	glszm	SmallAreaHighGrayLevelEmphasis	197.2593878
original	glszm	ZonePercentage	0.777777778
original	glszm	LargeAreaLowGrayLevelEmphasis	0.039894472
original	glszm	LargeAreaHighGrayLevelEmphasis	569.7755102
original	glszm	HighGrayLevelZoneEmphasis	245.1020408
original	glszm	SmallAreaEmphasis	0.827346939
original	glszm	LowGrayLevelZoneEmphasis	0.033584989
original	glszm	ZoneEntropy	4.734721773
original	glszm	SmallAreaLowGrayLevelEmphasis	0.032325078
original	ngtdm	Coarseness	0.063369449
original	ngtdm	Complexity	1128.538037
original	ngtdm	Strength	13.91243283
original	ngtdm	Contrast	0.719465339
original	ngtdm	Busyness	0.056634951
wavelet-HHH	gldm	GrayLevelVariance	2.461577223
wavelet-HHH	gldm	HighGrayLevelEmphasis	21.79365079
wavelet-HHH	gldm	DependenceEntropy	4.203492527
wavelet-HHH	gldm	DependenceNonUniformity	15.19047619
wavelet-HHH	gldm	GrayLevelNonUniformity	11.44444444
wavelet-HHH	gldm	SmallDependenceEmphasis	0.243531746
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	6.108205467
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.24111867
wavelet-HHH	gldm	LargeDependenceEmphasis	10.33333333
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.745782223
wavelet-HHH	gldm	DependenceVariance	1.89569161
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	200.1111111
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.035177625
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.09316538
wavelet-HHH	glcm	JointAverage	4.473599442
wavelet-HHH	glcm	SumAverage	8.947198883

wavelet-HHH	glcm	JointEntropy	4.713640367
wavelet-HHH	glcm	ClusterShade	1.384206327
wavelet-HHH	glcm	MaximumProbability	0.086473474
wavelet-HHH	glcm	Idmn	0.931835959
wavelet-HHH	glcm	JointEnergy	0.044836429
wavelet-HHH	glcm	Contrast	5.239991825
wavelet-HHH	glcm	DifferenceEntropy	2.225121593
wavelet-HHH	glcm	InverseVariance	0.400441928
wavelet-HHH	glcm	DifferenceVariance	1.800803457
wavelet-HHH	glcm	Idn	0.827832962
wavelet-HHH	glcm	Idm	0.382061316
wavelet-HHH	glcm	Correlation	-0.06002889
wavelet-HHH	glcm	Autocorrelation	19.87758056
wavelet-HHH	glcm	SumEntropy	2.906122189
wavelet-HHH	glcm	SumSquares	2.471302456
wavelet-HHH	glcm	ClusterProminence	58.3107592
wavelet-HHH	glcm	Imc2	0.811106347
wavelet-HHH	glcm	Imc1	-0.211228838
wavelet-HHH	glcm	DifferenceAverage	1.839777657
wavelet-HHH	glcm	Id	0.456183864
wavelet-HHH	glcm	ClusterTendency	4.645217998
wavelet-HHH	firstorder	InterquartileRange	53.8913773
wavelet-HHH	firstorder	Skewness	-0.059716717
wavelet-HHH	firstorder	Uniformity	0.181657848
wavelet-HHH	firstorder	Median	-2.429507505
wavelet-HHH	firstorder	Energy	88702.56854
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	19.72901397
wavelet-HHH	firstorder	MeanAbsoluteDeviation	29.32767496
wavelet-HHH	firstorder	TotalEnergy	2394969.35
wavelet-HHH	firstorder	Maximum	84.3822808
wavelet-HHH	firstorder	RootMeanSquared	37.52302331
wavelet-HHH	firstorder	90Percentile	40.60116657
wavelet-HHH	firstorder	Minimum	-90.76628185
wavelet-HHH	firstorder	Entropy	2.63757802
wavelet-HHH	firstorder	Range	175.1485626
wavelet-HHH	firstorder	Variance	1402.204713
wavelet-HHH	firstorder	10Percentile	-54.80120568
wavelet-HHH	firstorder	Kurtosis	2.642945854
wavelet-HHH	firstorder	Mean	-2.402616329
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.090587163
wavelet-HHH	glrlm	GrayLevelVariance	2.547850465
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.09478904
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.178063201
wavelet-HHH	glrlm	RunVariance	0.08914733
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.40237707
wavelet-HHH	glrlm	LongRunEmphasis	1.259753135
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	20.90451906
wavelet-HHH	glrlm	RunLengthNonUniformity	50.71831971
wavelet-HHH	glrlm	ShortRunEmphasis	0.944467055
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	27.13161999
wavelet-HHH	glrlm	RunPercentage	0.926739927

wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.113313384
wavelet-HHH	glrlm	RunEntropy	2.961775305
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	21.97146043
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.866406588
wavelet-HHH	glszm	GrayLevelVariance	3.936507937
wavelet-HHH	glszm	ZoneVariance	6.095238095
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.160997732
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.215419501
wavelet-HHH	glszm	SizeZoneNonUniformity	4.523809524
wavelet-HHH	glszm	GrayLevelNonUniformity	3.380952381
wavelet-HHH	glszm	LargeAreaEmphasis	15.0952381
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	11.72649451
wavelet-HHH	glszm	ZonePercentage	0.333333333
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.201301695
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	275.1904762
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	25.71428571
wavelet-HHH	glszm	SmallAreaEmphasis	0.421094172
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.125445214
wavelet-HHH	glszm	ZoneEntropy	3.784941827
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.081966027
wavelet-HHH	ngtdm	Coarseness	0.081579078
wavelet-HHH	ngtdm	Complexity	32.28719642
wavelet-HHH	ngtdm	Strength	1.397249477
wavelet-HHH	ngtdm	Contrast	0.123396604
wavelet-HHH	ngtdm	Busyness	0.444336495
wavelet-HLL	gldm	GrayLevelVariance	26.24943311
wavelet-HLL	gldm	HighGrayLevelEmphasis	150.4126984
wavelet-HLL	gldm	DependenceEntropy	4.71880036
wavelet-HLL	gldm	DependenceNonUniformity	22.26984127
wavelet-HLL	gldm	GrayLevelNonUniformity	4.26984127
wavelet-HLL	gldm	SmallDependenceEmphasis	0.494378307
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	78.07804233
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.353489544
wavelet-HLL	gldm	LargeDependenceEmphasis	4.047619048
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.084040749
wavelet-HLL	gldm	DependenceVariance	0.598639456
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	610.4126984
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.030486014
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.039283193
wavelet-HLL	glcm	JointAverage	11.34530672
wavelet-HLL	glcm	SumAverage	22.69061344
wavelet-HLL	glcm	JointEntropy	5.655359241
wavelet-HLL	glcm	ClusterShade	-83.47919944
wavelet-HLL	glcm	MaximumProbability	0.037648331
wavelet-HLL	glcm	ldmn	0.926165809
wavelet-HLL	glcm	JointEnergy	0.021507783
wavelet-HLL	glcm	Contrast	35.57574248
wavelet-HLL	glcm	DifferenceEntropy	3.237568498
wavelet-HLL	glcm	InverseVariance	0.20477586
wavelet-HLL	glcm	DifferenceVariance	10.61948245
wavelet-HLL	glcm	ldn	0.82081918

wavelet-HLL	glcm	Idm	0.188106431
wavelet-HLL	glcm	Correlation	0.234676899
wavelet-HLL	glcm	Autocorrelation	134.6855704
wavelet-HLL	glcm	SumEntropy	4.020741494
wavelet-HLL	glcm	SumSquares	23.70846658
wavelet-HLL	glcm	ClusterProminence	7915.927348
wavelet-HLL	glcm	Imc2	0.992485454
wavelet-HLL	glcm	Imc1	-0.552751116
wavelet-HLL	glcm	DifferenceAverage	4.830910032
wavelet-HLL	glcm	Id	0.279136284
wavelet-HLL	glcm	ClusterTendency	59.25812384
wavelet-HLL	firstorder	InterquartileRange	216.3471178
wavelet-HLL	firstorder	Skewness	-0.201659115
wavelet-HLL	firstorder	Uniformity	0.067775258
wavelet-HLL	firstorder	Median	-8.656255066
wavelet-HLL	firstorder	Energy	1102030.718
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	87.05231679
wavelet-HLL	firstorder	MeanAbsoluteDeviation	111.7781564
wavelet-HLL	firstorder	TotalEnergy	29754829.38
wavelet-HLL	firstorder	Maximum	188.1425622
wavelet-HLL	firstorder	RootMeanSquared	132.2594083
wavelet-HLL	firstorder	90Percentile	124.2046251
wavelet-HLL	firstorder	Minimum	-280.975593
wavelet-HLL	firstorder	Entropy	4.060027346
wavelet-HLL	firstorder	Range	469.1181552
wavelet-HLL	firstorder	Variance	16343.92357
wavelet-HLL	firstorder	10Percentile	-214.1029741
wavelet-HLL	firstorder	Kurtosis	1.872978626
wavelet-HLL	firstorder	Mean	-33.89140757
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.039687813
wavelet-HLL	glrlm	GrayLevelVariance	26.44602587
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.040095195
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.067493465
wavelet-HLL	glrlm	RunVariance	0.032885517
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.11196375
wavelet-HLL	glrlm	LongRunEmphasis	1.103493078
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	146.704064
wavelet-HLL	glrlm	RunLengthNonUniformity	56.9620939
wavelet-HLL	glrlm	ShortRunEmphasis	0.97412673
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	165.77019
wavelet-HLL	glrlm	RunPercentage	0.967032967
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.041724726
wavelet-HLL	glrlm	RunEntropy	4.168881083
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	150.5172892
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.934228966
wavelet-HLL	glszm	GrayLevelVariance	29.54766601
wavelet-HLL	glszm	ZoneVariance	0.852071006
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.061143984
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.434582512
wavelet-HLL	glszm	SizeZoneNonUniformity	16.94871795
wavelet-HLL	glszm	GrayLevelNonUniformity	2.384615385

wavelet-HLL	glszm	LargeAreaEmphasis	3.461538462
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	109.0058689
wavelet-HLL	glszm	ZonePercentage	0.619047619
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.090096161
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	514.6666667
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	155.1025641
wavelet-HLL	glszm	SmallAreaEmphasis	0.671431624
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.053123197
wavelet-HLL	glszm	ZoneEntropy	4.663231385
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.046850362
wavelet-HLL	ngtdm	Coarseness	0.076044503
wavelet-HLL	ngtdm	Complexity	510.7517229
wavelet-HLL	ngtdm	Strength	11.22558001
wavelet-HLL	ngtdm	Contrast	0.468161677
wavelet-HLL	ngtdm	Busyness	0.06396404
wavelet-LHL	gldm	GrayLevelVariance	31.17964223
wavelet-LHL	gldm	HighGrayLevelEmphasis	506.1428571
wavelet-LHL	gldm	DependenceEntropy	4.984750955
wavelet-LHL	gldm	DependenceNonUniformity	18.3968254
wavelet-LHL	gldm	GrayLevelNonUniformity	4.841269841
wavelet-LHL	gldm	SmallDependenceEmphasis	0.499836861
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	256.59194
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.292013102
wavelet-LHL	gldm	LargeDependenceEmphasis	6.301587302
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030663759
wavelet-LHL	gldm	DependenceVariance	1.709750567
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2955.349206
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017333032
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.018433772
wavelet-LHL	glcm	JointAverage	21.94501718
wavelet-LHL	glcm	SumAverage	43.89003436
wavelet-LHL	glcm	JointEntropy	5.508495083
wavelet-LHL	glcm	ClusterShade	-59.66168599
wavelet-LHL	glcm	MaximumProbability	0.051580231
wavelet-LHL	glcm	ldmn	0.968213497
wavelet-LHL	glcm	JointEnergy	0.02456322
wavelet-LHL	glcm	Contrast	41.76183557
wavelet-LHL	glcm	DifferenceEntropy	3.241626402
wavelet-LHL	glcm	InverseVariance	0.214513182
wavelet-LHL	glcm	DifferenceVariance	17.88041238
wavelet-LHL	glcm	ldn	0.885505604
wavelet-LHL	glcm	ldm	0.215524243
wavelet-LHL	glcm	Correlation	0.169038778
wavelet-LHL	glcm	Autocorrelation	486.9521017
wavelet-LHL	glcm	SumEntropy	3.976594463
wavelet-LHL	glcm	SumSquares	26.06584063
wavelet-LHL	glcm	ClusterProminence	15695.68399
wavelet-LHL	glcm	lmc2	0.990962888
wavelet-LHL	glcm	lmc1	-0.543837439
wavelet-LHL	glcm	DifferenceAverage	4.816246468
wavelet-LHL	glcm	ld	0.303363634

wavelet-LHL	glcm	ClusterTendency	62.50152696
wavelet-LHL	firstorder	InterquartileRange	164.8161342
wavelet-LHL	firstorder	Skewness	-0.826423513
wavelet-LHL	firstorder	Uniformity	0.076845553
wavelet-LHL	firstorder	Median	-66.09127828
wavelet-LHL	firstorder	Energy	1532976.286
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	64.31417171
wavelet-LHL	firstorder	MeanAbsoluteDeviation	103.9720069
wavelet-LHL	firstorder	TotalEnergy	41390359.72
wavelet-LHL	firstorder	Maximum	233.7847892
wavelet-LHL	firstorder	RootMeanSquared	155.9902462
wavelet-LHL	firstorder	90Percentile	79.98913527
wavelet-LHL	firstorder	Minimum	-597.6434424
wavelet-LHL	firstorder	Entropy	4.003906607
wavelet-LHL	firstorder	Range	831.4282316
wavelet-LHL	firstorder	Variance	19661.27446
wavelet-LHL	firstorder	10Percentile	-184.5003859
wavelet-LHL	firstorder	Kurtosis	5.432869531
wavelet-LHL	firstorder	Mean	-68.34970708
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.019107087
wavelet-LHL	glrlm	GrayLevelVariance	32.19381307
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.01918682
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.07481019
wavelet-LHL	glrlm	RunVariance	0.043759058
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.506374074
wavelet-LHL	glrlm	LongRunEmphasis	1.139855996
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	491.1274394
wavelet-LHL	glrlm	RunLengthNonUniformity	55.027798
wavelet-LHL	glrlm	ShortRunEmphasis	0.965036001
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	573.8655585
wavelet-LHL	glrlm	RunPercentage	0.956043956
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.01950575
wavelet-LHL	glrlm	RunEntropy	4.183962551
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	507.6750632
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.912481883
wavelet-LHL	glszm	GrayLevelVariance	45.65668371
wavelet-LHL	glszm	ZoneVariance	1.992695398
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.057706355
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.497443389
wavelet-LHL	glszm	SizeZoneNonUniformity	18.40540541
wavelet-LHL	glszm	GrayLevelNonUniformity	2.135135135
wavelet-LHL	glszm	LargeAreaEmphasis	4.891891892
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	374.4426825
wavelet-LHL	glszm	ZonePercentage	0.587301587
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.038627533
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2352.945946
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	517.8378378
wavelet-LHL	glszm	SmallAreaEmphasis	0.731362383
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.029824284
wavelet-LHL	glszm	ZoneEntropy	4.702564514
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.029261312

wavelet-LHL	ngtdm	Coarseness	0.074055744
wavelet-LHL	ngtdm	Complexity	798.9887457
wavelet-LHL	ngtdm	Strength	17.66258203
wavelet-LHL	ngtdm	Contrast	0.567730302
wavelet-LHL	ngtdm	Busyness	0.035170767
wavelet-LHH	gldm	GrayLevelVariance	11.67094986
wavelet-LHH	gldm	HighGrayLevelEmphasis	55.06349206
wavelet-LHH	gldm	DependenceEntropy	4.798475757
wavelet-LHH	gldm	DependenceNonUniformity	17.47619048
wavelet-LHH	gldm	GrayLevelNonUniformity	6.079365079
wavelet-LHH	gldm	SmallDependenceEmphasis	0.436675485
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	25.90313933
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.277399849
wavelet-LHH	gldm	LargeDependenceEmphasis	6.587301587
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.346232904
wavelet-LHH	gldm	DependenceVariance	1.578231293
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	339.6666667
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040815681
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.072883734
wavelet-LHH	glcm	JointAverage	6.623647469
wavelet-LHH	glcm	SumAverage	13.24729494
wavelet-LHH	glcm	JointEntropy	5.398721338
wavelet-LHH	glcm	ClusterShade	23.44118285
wavelet-LHH	glcm	MaximumProbability	0.050772621
wavelet-LHH	glcm	Idmn	0.916482736
wavelet-LHH	glcm	JointEnergy	0.026609408
wavelet-LHH	glcm	Contrast	20.88338927
wavelet-LHH	glcm	DifferenceEntropy	2.984400879
wavelet-LHH	glcm	InverseVariance	0.256942112
wavelet-LHH	glcm	DifferenceVariance	7.572415521
wavelet-LHH	glcm	Idn	0.813915925
wavelet-LHH	glcm	Idm	0.244179048
wavelet-LHH	glcm	Correlation	-0.033026258
wavelet-LHH	glcm	Autocorrelation	43.68325467
wavelet-LHH	glcm	SumEntropy	3.574211429
wavelet-LHH	glcm	SumSquares	10.18534328
wavelet-LHH	glcm	ClusterProminence	1078.899971
wavelet-LHH	glcm	Imc2	0.963665999
wavelet-LHH	glcm	Imc1	-0.414534647
wavelet-LHH	glcm	DifferenceAverage	3.605866387
wavelet-LHH	glcm	Id	0.334626738
wavelet-LHH	glcm	ClusterTendency	19.85798386
wavelet-LHH	firstorder	InterquartileRange	126.5098272
wavelet-LHH	firstorder	Skewness	0.427391704
wavelet-LHH	firstorder	Uniformity	0.096497858
wavelet-LHH	firstorder	Median	5.334501407
wavelet-LHH	firstorder	Energy	465698.0748
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	52.30758406
wavelet-LHH	firstorder	MeanAbsoluteDeviation	71.65862765
wavelet-LHH	firstorder	TotalEnergy	12573848.02
wavelet-LHH	firstorder	Maximum	198.6261563



wavelet-LHH	firstorder	RootMeanSquared	85.97693256
wavelet-LHH	firstorder	90Percentile	131.5167255
wavelet-LHH	firstorder	Minimum	-128.2689532
wavelet-LHH	firstorder	Entropy	3.505790194
wavelet-LHH	firstorder	Range	326.8951094
wavelet-LHH	firstorder	Variance	7387.269953
wavelet-LHH	firstorder	10Percentile	-105.9624391
wavelet-LHH	firstorder	Kurtosis	2.35531676
wavelet-LHH	firstorder	Mean	2.18242529
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.07206029
wavelet-LHH	glrlm	GrayLevelVariance	11.82336317
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.073884782
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.095092525
wavelet-LHH	glrlm	RunVariance	0.052702196
wavelet-LHH	glrlm	GrayLevelNonUniformity	5.705984888
wavelet-LHH	glrlm	LongRunEmphasis	1.15894858
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	53.39995443
wavelet-LHH	glrlm	RunLengthNonUniformity	54.67546145
wavelet-LHH	glrlm	ShortRunEmphasis	0.963262729
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	63.24778562
wavelet-LHH	glrlm	RunPercentage	0.952380952
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.082801105
wavelet-LHH	glrlm	RunEntropy	3.692179663
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	55.28918721
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.909363083
wavelet-LHH	glszm	GrayLevelVariance	13.35380623
wavelet-LHH	glszm	ZoneVariance	2.125432526
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.088235294
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.404844291
wavelet-LHH	glszm	SizeZoneNonUniformity	13.76470588
wavelet-LHH	glszm	GrayLevelNonUniformity	3
wavelet-LHH	glszm	LargeAreaEmphasis	5.558823529
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	39.62357026
wavelet-LHH	glszm	ZonePercentage	0.53968254
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.296262423
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	313.5
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	57.14705882
wavelet-LHH	glszm	SmallAreaEmphasis	0.656252042
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.087700206
wavelet-LHH	glszm	ZoneEntropy	4.477024974
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.066394576
wavelet-LHH	ngtdm	Coarseness	0.060347507
wavelet-LHH	ngtdm	Complexity	197.8678301
wavelet-LHH	ngtdm	Strength	3.769200511
wavelet-LHH	ngtdm	Contrast	0.440782467
wavelet-LHH	ngtdm	Busyness	0.299986679
wavelet-LLH	gldm	GrayLevelVariance	91.35348954
wavelet-LLH	gldm	HighGrayLevelEmphasis	390.6984127
wavelet-LLH	gldm	DependenceEntropy	5.000934289
wavelet-LLH	gldm	DependenceNonUniformity	24.77777778
wavelet-LLH	gldm	GrayLevelNonUniformity	3.634920635

wavelet-LLH	gldm	SmallDependenceEmphasis	0.597610229
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	230.8555996
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.39329806
wavelet-LLH	gldm	LargeDependenceEmphasis	3.888888889
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040983695
wavelet-LLH	gldm	DependenceVariance	0.895439657
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1283.492063
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02460267
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.02638647
wavelet-LLH	glcm	JointAverage	16.97447688
wavelet-LLH	glcm	SumAverage	33.94895377
wavelet-LLH	glcm	JointEntropy	5.673726063
wavelet-LLH	glcm	ClusterShade	4043.667901
wavelet-LLH	glcm	MaximumProbability	0.038572531
wavelet-LLH	glcm	ldmn	0.952786923
wavelet-LLH	glcm	JointEnergy	0.021352892
wavelet-LLH	glcm	Contrast	123.3421401
wavelet-LLH	glcm	DifferenceEntropy	3.48028296
wavelet-LLH	glcm	InverseVariance	0.124191465
wavelet-LLH	glcm	DifferenceVariance	37.91455254
wavelet-LLH	glcm	ldn	0.860329267
wavelet-LLH	glcm	ldm	0.13214681
wavelet-LLH	glcm	Correlation	0.316659927
wavelet-LLH	glcm	Autocorrelation	312.1325982
wavelet-LLH	glcm	SumEntropy	4.205664344
wavelet-LLH	glcm	SumSquares	85.18905331
wavelet-LLH	glcm	ClusterProminence	249002.5028
wavelet-LLH	glcm	lmc2	0.998130047
wavelet-LLH	glcm	lmc1	-0.671388363
wavelet-LLH	glcm	DifferenceAverage	8.452671131
wavelet-LLH	glcm	ld	0.215011295
wavelet-LLH	glcm	ClusterTendency	217.4140732
wavelet-LLH	firstorder	InterquartileRange	203.1974165
wavelet-LLH	firstorder	Skewness	1.330902444
wavelet-LLH	firstorder	Uniformity	0.057697153
wavelet-LLH	firstorder	Median	93.80092818
wavelet-LLH	firstorder	Energy	4524148.825
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	91.2355013
wavelet-LLH	firstorder	MeanAbsoluteDeviation	166.0571502
wavelet-LLH	firstorder	TotalEnergy	122152018.3
wavelet-LLH	firstorder	Maximum	865.5782808
wavelet-LLH	firstorder	RootMeanSquared	267.9773985
wavelet-LLH	firstorder	90Percentile	306.7785167
wavelet-LLH	firstorder	Minimum	-291.9770602
wavelet-LLH	firstorder	Entropy	4.360227495
wavelet-LLH	firstorder	Range	1157.555341
wavelet-LLH	firstorder	Variance	57379.05452
wavelet-LLH	firstorder	10Percentile	-155.0868888
wavelet-LLH	firstorder	Kurtosis	5.67396608
wavelet-LLH	firstorder	Mean	120.1367204
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.026925003

wavelet-LLH	glrlm	GrayLevelVariance	92.43952198
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.02703038
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.056615403
wavelet-LLH	glrlm	RunVariance	0.030582024
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.467859699
wavelet-LLH	glrlm	LongRunEmphasis	1.092381999
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	384.5606123
wavelet-LLH	glrlm	RunLengthNonUniformity	58.0445002
wavelet-LLH	glrlm	ShortRunEmphasis	0.978378122
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	423.5591032
wavelet-LLH	glrlm	RunPercentage	0.971916972
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.027478084
wavelet-LLH	glrlm	RunEntropy	4.455913949
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	392.0950585
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.946244715
wavelet-LLH	glszm	GrayLevelVariance	104.4643595
wavelet-LLH	glszm	ZoneVariance	0.790805785
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.048553719
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.550619835
wavelet-LLH	glszm	SizeZoneNonUniformity	24.22727273
wavelet-LLH	glszm	GrayLevelNonUniformity	2.136363636
wavelet-LLH	glszm	LargeAreaEmphasis	2.840909091
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	293.4665404
wavelet-LLH	glszm	ZonePercentage	0.698412698
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.044567646
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	997.1818182
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	397.3409091
wavelet-LLH	glszm	SmallAreaEmphasis	0.767045455
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.035812285
wavelet-LLH	glszm	ZoneEntropy	4.896820539
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.034870261
wavelet-LLH	ngtdm	Coarseness	0.074407426
wavelet-LLH	ngtdm	Complexity	1953.480009
wavelet-LLH	ngtdm	Strength	38.99533531
wavelet-LLH	ngtdm	Contrast	1.526492273
wavelet-LLH	ngtdm	Busyness	0.036507834
wavelet-LLL	gldm	GrayLevelVariance	255.9506173
wavelet-LLL	gldm	HighGrayLevelEmphasis	1084.111111
wavelet-LLL	gldm	DependenceEntropy	5.489107106
wavelet-LLL	gldm	DependenceNonUniformity	42.93650794
wavelet-LLL	gldm	GrayLevelNonUniformity	1.857142857
wavelet-LLL	gldm	SmallDependenceEmphasis	0.852733686
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	917.2345679
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.681531872
wavelet-LLL	gldm	LargeDependenceEmphasis	1.73015873
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.038829851
wavelet-LLL	gldm	DependenceVariance	0.23633157
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1943.857143
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.037414361
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.037648035
wavelet-LLL	glcm	JointAverage	30.40971156

wavelet-LLL	glcm	SumAverage	60.81942313
wavelet-LLL	glcm	JointEntropy	5.818291799
wavelet-LLL	glcm	ClusterShade	1305.307501
wavelet-LLL	glcm	MaximumProbability	0.025804297
wavelet-LLL	glcm	Idmn	0.918677623
wavelet-LLL	glcm	JointEnergy	0.018734907
wavelet-LLL	glcm	Contrast	443.901099
wavelet-LLL	glcm	DifferenceEntropy	4.051822018
wavelet-LLL	glcm	InverseVariance	0.063867256
wavelet-LLL	glcm	DifferenceVariance	99.28337406
wavelet-LLL	glcm	Idn	0.808744651
wavelet-LLL	glcm	Idm	0.054460311
wavelet-LLL	glcm	Correlation	0.166863696
wavelet-LLL	glcm	Autocorrelation	954.0663879
wavelet-LLL	glcm	SumEntropy	4.563924777
wavelet-LLL	glcm	SumSquares	250.619017
wavelet-LLL	glcm	ClusterProminence	780404.0231
wavelet-LLL	glcm	Imc2	0.999868273
wavelet-LLL	glcm	Imc1	-0.833707688
wavelet-LLL	glcm	DifferenceAverage	17.42228961
wavelet-LLL	glcm	Id	0.115770405
wavelet-LLL	glcm	ClusterTendency	558.5749689
wavelet-LLL	firstorder	InterquartileRange	640.5889363
wavelet-LLL	firstorder	Skewness	0.140573523
wavelet-LLL	firstorder	Uniformity	0.029478458
wavelet-LLL	firstorder	Median	-1137.589673
wavelet-LLL	firstorder	Energy	88745519.58
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	262.6498881
wavelet-LLL	firstorder	MeanAbsoluteDeviation	343.5370429
wavelet-LLL	firstorder	TotalEnergy	2396129029
wavelet-LLL	firstorder	Maximum	-162.2898935
wavelet-LLL	firstorder	RootMeanSquared	1186.869429
wavelet-LLL	firstorder	90Percentile	-619.2088149
wavelet-LLL	firstorder	Minimum	-1821.117048
wavelet-LLL	firstorder	Entropy	5.262683892
wavelet-LLL	firstorder	Range	1658.827155
wavelet-LLL	firstorder	Variance	160011.6597
wavelet-LLL	firstorder	10Percentile	-1638.03361
wavelet-LLL	firstorder	Kurtosis	2.100510719
wavelet-LLL	firstorder	Mean	-1117.428916
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.037954805
wavelet-LLL	glrlm	GrayLevelVariance	256.6916025
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.03796543
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.029244006
wavelet-LLL	glrlm	RunVariance	0.008538816
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.826941963
wavelet-LLL	glrlm	LongRunEmphasis	1.026420697
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1075.827142
wavelet-LLL	glrlm	RunLengthNonUniformity	61.41736159
wavelet-LLL	glrlm	ShortRunEmphasis	0.993394826
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1114.03777

wavelet-LLL	glrlm	RunPercentage	0.991452991
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.038007932
wavelet-LLL	glrlm	RunEntropy	5.285416323
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1083.469267
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.982922369
wavelet-LLL	glszm	GrayLevelVariance	266.4591837
wavelet-LLL	glszm	ZoneVariance	0.180803571
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.026785714
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.833545918
wavelet-LLL	glszm	SizeZoneNonUniformity	46.67857143
wavelet-LLL	glszm	GrayLevelNonUniformity	1.5
wavelet-LLL	glszm	LargeAreaEmphasis	1.446428571
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	995.6433532
wavelet-LLL	glszm	ZonePercentage	0.888888889
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.042880623
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1606.910714
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1074.642857
wavelet-LLL	glszm	SmallAreaEmphasis	0.928075397
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.0421533
wavelet-LLL	glszm	ZoneEntropy	5.436731931
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.042040971
wavelet-LLL	ngtdm	Coarseness	0.048677823
wavelet-LLL	ngtdm	Complexity	10968.68063
wavelet-LLL	ngtdm	Strength	64.00466454
wavelet-LLL	ngtdm	Contrast	3.23636771
wavelet-LLL	ngtdm	Busyness	0.020381478
wavelet-HHL	gldm	GrayLevelVariance	5.741496599
wavelet-HHL	gldm	HighGrayLevelEmphasis	66.73015873
wavelet-HHL	gldm	DependenceEntropy	4.794684789
wavelet-HHL	gldm	DependenceNonUniformity	16.80952381
wavelet-HHL	gldm	GrayLevelNonUniformity	7.476190476
wavelet-HHL	gldm	SmallDependenceEmphasis	0.32393739
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	20.89083333
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.266817838
wavelet-HHL	gldm	LargeDependenceEmphasis	7.253968254
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.150022784
wavelet-HHL	gldm	DependenceVariance	1.200806248
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	493.6825397
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.024310939
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.037440139
wavelet-HHL	glcm	JointAverage	7.808359861
wavelet-HHL	glcm	SumAverage	15.61671972
wavelet-HHL	glcm	JointEntropy	5.218692009
wavelet-HHL	glcm	ClusterShade	-10.60365411
wavelet-HHL	glcm	MaximumProbability	0.05323461
wavelet-HHL	glcm	ldmn	0.935659032
wavelet-HHL	glcm	JointEnergy	0.030678224
wavelet-HHL	glcm	Contrast	11.11312403
wavelet-HHL	glcm	DifferenceEntropy	2.63134274
wavelet-HHL	glcm	InverseVariance	0.295860015
wavelet-HHL	glcm	DifferenceVariance	3.745726246

wavelet-HHL	glcm	Idn	0.831673634
wavelet-HHL	glcm	Idm	0.290285335
wavelet-HHL	glcm	Correlation	0.007711834
wavelet-HHL	glcm	Autocorrelation	61.03151168
wavelet-HHL	glcm	SumEntropy	3.305443661
wavelet-HHL	glcm	SumSquares	5.57569756
wavelet-HHL	glcm	ClusterProminence	380.2250491
wavelet-HHL	glcm	Imc2	0.934936316
wavelet-HHL	glcm	Imc1	-0.346931251
wavelet-HHL	glcm	DifferenceAverage	2.675965867
wavelet-HHL	glcm	Id	0.381136208
wavelet-HHL	glcm	ClusterTendency	11.1896662
wavelet-HHL	firstorder	InterquartileRange	82.23906203
wavelet-HHL	firstorder	Skewness	-0.313822341
wavelet-HHL	firstorder	Uniformity	0.11866969
wavelet-HHL	firstorder	Median	3.393849771
wavelet-HHL	firstorder	Energy	227564.7062
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	33.16180438
wavelet-HHL	firstorder	MeanAbsoluteDeviation	48.01145905
wavelet-HHL	firstorder	TotalEnergy	6144247.066
wavelet-HHL	firstorder	Maximum	122.9332148
wavelet-HHL	firstorder	RootMeanSquared	60.10106649
wavelet-HHL	firstorder	90Percentile	82.68927963
wavelet-HHL	firstorder	Minimum	-155.43736
wavelet-HHL	firstorder	Entropy	3.212472079
wavelet-HHL	firstorder	Range	278.3705748
wavelet-HHL	firstorder	Variance	3554.074606
wavelet-HHL	firstorder	10Percentile	-73.65470565
wavelet-HHL	firstorder	Kurtosis	2.786111934
wavelet-HHL	firstorder	Mean	7.619946617
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.037738275
wavelet-HHL	glrlm	GrayLevelVariance	5.886291119
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.038578386
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.117678973
wavelet-HHL	glrlm	RunVariance	0.05582142
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.997301207
wavelet-HHL	glrlm	LongRunEmphasis	1.180960409
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	63.55557971
wavelet-HHL	glrlm	RunLengthNonUniformity	52.90802951
wavelet-HHL	glrlm	ShortRunEmphasis	0.954759898
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	78.98361822
wavelet-HHL	glrlm	RunPercentage	0.943833944
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.041938829
wavelet-HHL	glrlm	RunEntropy	3.448760421
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	66.64118741
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.88835716
wavelet-HHL	glszm	GrayLevelVariance	8.471879287
wavelet-HHL	glszm	ZoneVariance	2.518518519
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.105624143
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.27297668
wavelet-HHL	glszm	SizeZoneNonUniformity	7.37037037

wavelet-HHL	glszm	GrayLevelNonUniformity	2.851851852
wavelet-HHL	glszm	LargeAreaEmphasis	7.962962963
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	32.89720207
wavelet-HHL	glszm	ZonePercentage	0.428571429
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.188297121
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	542.8888889
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	65
wavelet-HHL	glszm	SmallAreaEmphasis	0.517864911
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.061812912
wavelet-HHL	glszm	ZoneEntropy	4.430632409
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.051848925
wavelet-HHL	ngtdm	Coarseness	0.088893569
wavelet-HHL	ngtdm	Complexity	89.27794751
wavelet-HHL	ngtdm	Strength	3.084767595
wavelet-HHL	ngtdm	Contrast	0.207324682
wavelet-HHL	ngtdm	Busyness	0.177178172
wavelet-HLH	gldm	GrayLevelVariance	4.216679264
wavelet-HLH	gldm	HighGrayLevelEmphasis	44.12698413
wavelet-HLH	gldm	DependenceEntropy	4.629758447
wavelet-HLH	gldm	DependenceNonUniformity	12.87301587
wavelet-HLH	gldm	GrayLevelNonUniformity	8.968253968
wavelet-HLH	gldm	SmallDependenceEmphasis	0.379457402
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	18.74327952
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.204333585
wavelet-HLH	gldm	LargeDependenceEmphasis	9.857142857
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.31713826
wavelet-HLH	gldm	DependenceVariance	2.489795918
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	375.047619
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.031097673
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.050727985
wavelet-HLH	glcm	JointAverage	6.164052413
wavelet-HLH	glcm	SumAverage	12.32810483
wavelet-HLH	glcm	JointEntropy	4.988980842
wavelet-HLH	glcm	ClusterShade	6.690452485
wavelet-HLH	glcm	MaximumProbability	0.080227709
wavelet-HLH	glcm	Idmn	0.938435042
wavelet-HLH	glcm	JointEnergy	0.037671127
wavelet-HLH	glcm	Contrast	8.922005862
wavelet-HLH	glcm	DifferenceEntropy	2.539976648
wavelet-HLH	glcm	InverseVariance	0.340941292
wavelet-HLH	glcm	DifferenceVariance	3.224371905
wavelet-HLH	glcm	Idn	0.837280081
wavelet-HLH	glcm	Idm	0.326119454
wavelet-HLH	glcm	Correlation	-0.04318137
wavelet-HLH	glcm	Autocorrelation	37.87204745
wavelet-HLH	glcm	SumEntropy	3.203191716
wavelet-HLH	glcm	SumSquares	4.316640177
wavelet-HLH	glcm	ClusterProminence	206.2235892
wavelet-HLH	glcm	Imc2	0.927272265
wavelet-HLH	glcm	Imc1	-0.341763463
wavelet-HLH	glcm	DifferenceAverage	2.365054058

wavelet-HLH	glcm	Id	0.409620028
wavelet-HLH	glcm	ClusterTendency	8.344554846
wavelet-HLH	firstorder	InterquartileRange	58.02869321
wavelet-HLH	firstorder	Skewness	-0.100947388
wavelet-HLH	firstorder	Uniformity	0.142353238
wavelet-HLH	firstorder	Median	-6.86178136
wavelet-HLH	firstorder	Energy	152775.2821
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	25.10790205
wavelet-HLH	firstorder	MeanAbsoluteDeviation	38.47695472
wavelet-HLH	firstorder	TotalEnergy	4124932.617
wavelet-HLH	firstorder	Maximum	112.3421412
wavelet-HLH	firstorder	RootMeanSquared	49.24433447
wavelet-HLH	firstorder	90Percentile	62.34373268
wavelet-HLH	firstorder	Minimum	-135.1515273
wavelet-HLH	firstorder	Entropy	3.041948529
wavelet-HLH	firstorder	Range	247.4936686
wavelet-HLH	firstorder	Variance	2414.149769
wavelet-HLH	firstorder	10Percentile	-65.71839163
wavelet-HLH	firstorder	Kurtosis	2.978606465
wavelet-HLH	firstorder	Mean	-3.294648444
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.050592191
wavelet-HLH	glrlm	GrayLevelVariance	4.41383444
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.052191098
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.137797444
wavelet-HLH	glrlm	RunVariance	0.073341313
wavelet-HLH	glrlm	GrayLevelNonUniformity	8.118055595
wavelet-HLH	glrlm	LongRunEmphasis	1.228614781
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	42.54243961
wavelet-HLH	glrlm	RunLengthNonUniformity	51.75195789
wavelet-HLH	glrlm	ShortRunEmphasis	0.947541202
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	53.2582315
wavelet-HLH	glrlm	RunPercentage	0.934065934
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.059284009
wavelet-HLH	glrlm	RunEntropy	3.315255684
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	44.56011486
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.875214556
wavelet-HLH	glszm	GrayLevelVariance	6.648888889
wavelet-HLH	glszm	ZoneVariance	3.09
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.108888889
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.395555556
wavelet-HLH	glszm	SizeZoneNonUniformity	11.86666667
wavelet-HLH	glszm	GrayLevelNonUniformity	3.266666667
wavelet-HLH	glszm	LargeAreaEmphasis	7.5
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	33.11458333
wavelet-HLH	glszm	ZonePercentage	0.476190476
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.26661249
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	301.4666667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	48.46666667
wavelet-HLH	glszm	SmallAreaEmphasis	0.649770833
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.072156833
wavelet-HLH	glszm	ZoneEntropy	4.298068512



wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.06038675
wavelet-HLH	ngtdm	Coarseness	0.097055732
wavelet-HLH	ngtdm	Complexity	73.28869944
wavelet-HLH	ngtdm	Strength	2.922044122
wavelet-HLH	ngtdm	Contrast	0.131180484
wavelet-HLH	ngtdm	Busyness	0.168863575

Image type	Feature Class	Feature Name	
general	info	BoundingBox	3: RTSTRUCT: C99-DNU_segment_RUL ITV (0, 0, 1, 9, 8, 6)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	60d8e2eb90d6a7f85ad8bdb42ce0114614545db2 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	16b6ac16f85667d36a89764bfba8e765dc7a0698
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	212
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original	shape	Maximum2DDiameterSlice	25.63201124
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original	shape	MinorAxis	20.55432546
original	shape	Elongation	0.833973811
original	shape	SurfaceVolumeRatio	0.313208406
original	shape	Volume	5724
original	shape	MajorAxis	24.64624809
original	shape	SurfaceArea	1792.804915
original	shape	Flatness	0.656625473
original	shape	LeastAxis	16.18335432
original	shape	Maximum2DDiameterColumn	25.63201124
original	shape	Maximum2DDiameterRow	22.84731932
original	gldm	GrayLevelVariance	71.03976059
original	gldm	HighGrayLevelEmphasis	625.7311321
original	gldm	DependenceEntropy	5.957027194
original	gldm	DependenceNonUniformity	50.88679245
original	gldm	GrayLevelNonUniformity	15.04716981
original	gldm	SmallDependenceEmphasis	0.493784516
original	gldm	SmallDependenceHighGrayLevelEmphasis	203.8704328
original	gldm	DependenceNonUniformityNormalized	0.24003204
original	gldm	LargeDependenceEmphasis	20.43396226
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.032434878
original	gldm	DependenceVariance	9.593716625
original	gldm	LargeDependenceHighGrayLevelEmphasis	19362.17453
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007921165
original	gldm	LowGrayLevelEmphasis	0.009225714
original	glcm	JointAverage	25.540034
original	glcm	SumAverage	51.08006799

original	glcm	JointEntropy	6.666965051
original	glcm	ClusterShade	-1851.158273
original	glcm	MaximumProbability	0.0712245
original	glcm	Idmn	0.934662095
original	glcm	JointEnergy	0.01915099
original	glcm	Contrast	86.02598457
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original	glcm	DifferenceVariance	41.44907071
original	glcm	Idn	0.852241572
original	glcm	Idm	0.247137557
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original	glcm	SumSquares	58.6408166
original	glcm	ClusterProminence	73477.04197
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original	glcm	DifferenceAverage	6.518973801
original	glcm	Id	0.316905199
original	glcm	ClusterTendency	148.5372818
original	firstorder	InterquartileRange	333.25
original	firstorder	Skewness	-0.840044602
original	firstorder	Uniformity	0.070977216
original	firstorder	Median	-104.5
original	firstorder	Energy	15832528
original	firstorder	RobustMeanAbsoluteDeviation	135.7769274
original	firstorder	MeanAbsoluteDeviation	177.9102884
original	firstorder	TotalEnergy	427478256
original	firstorder	Maximum	49
original	firstorder	RootMeanSquared	273.2795928
original	firstorder	90Percentile	28.9
original	firstorder	Minimum	-736
original	firstorder	Entropy	4.347260772
original	firstorder	Range	785
original	firstorder	Variance	44287.43183
original	firstorder	10Percentile	-520.5
original	firstorder	Kurtosis	2.476627587
original	firstorder	Mean	-174.3396226
original	glrlm	ShortRunLowGrayLevelEmphasis	0.009886583
original	glrlm	GrayLevelVariance	71.54809613
original	glrlm	LowGrayLevelRunEmphasis	0.009984887
original	glrlm	GrayLevelNonUniformityNormalized	0.0596756
original	glrlm	RunVariance	0.133628572
original	glrlm	GrayLevelNonUniformity	11.5624096
original	glrlm	LongRunEmphasis	1.341264154
original	glrlm	ShortRunHighGrayLevelEmphasis	537.6880127
original	glrlm	RunLengthNonUniformity	164.8549694
original	glrlm	ShortRunEmphasis	0.937670178
original	glrlm	LongRunHighGrayLevelEmphasis	916.3886775
original	glrlm	RunPercentage	0.911828737
original	glrlm	LongRunLowGrayLevelEmphasis	0.010472169
original	glrlm	RunEntropy	4.769655617
original	glrlm	HighGrayLevelRunEmphasis	595.4362562
original	glrlm	RunLengthNonUniformityNormalized	0.851420144

original	glszm	GrayLevelVariance	61.42605417
original	glszm	ZoneVariance	17.40135426
original	glszm	GrayLevelNonUniformityNormalized	0.042320714
original	glszm	SizeZoneNonUniformityNormalized	0.651585103
original	glszm	SizeZoneNonUniformity	74.28070175
original	glszm	GrayLevelNonUniformity	4.824561404
original	glszm	LargeAreaEmphasis	20.85964912
original	glszm	SmallAreaHighGrayLevelEmphasis	320.5770681
original	glszm	ZonePercentage	0.537735849
original	glszm	LargeAreaLowGrayLevelEmphasis	0.03870163
original	glszm	LargeAreaHighGrayLevelEmphasis	19648.90351
original	glszm	HighGrayLevelZoneEmphasis	424.7631579
original	glszm	SmallAreaEmphasis	0.831766229
original	glszm	LowGrayLevelZoneEmphasis	0.015258169
original	glszm	ZoneEntropy	5.305074309
original	glszm	SmallAreaLowGrayLevelEmphasis	0.014386914
original	ngtdm	Coarseness	0.016854178
original	ngtdm	Complexity	2011.88389
original	ngtdm	Strength	10.0972115
original	ngtdm	Contrast	0.848917575
original	ngtdm	Busyness	0.067641528
wavelet-HHH	gldm	GrayLevelVariance	5.248665005
wavelet-HHH	gldm	HighGrayLevelEmphasis	75.74528302
wavelet-HHH	gldm	DependenceEntropy	5.611182671
wavelet-HHH	gldm	DependenceNonUniformity	27.80188679
wavelet-HHH	gldm	GrayLevelNonUniformity	32.68867925
wavelet-HHH	gldm	SmallDependenceEmphasis	0.249367355
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	21.4515933
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.131140975
wavelet-HHH	gldm	LargeDependenceEmphasis	27.99056604
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.417371613
wavelet-HHH	gldm	DependenceVariance	9.80758277
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2048.518868
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011621756
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025175959
wavelet-HHH	glcm	JointAverage	8.41357502
wavelet-HHH	glcm	SumAverage	16.82715004
wavelet-HHH	glcm	JointEntropy	5.507168215
wavelet-HHH	glcm	ClusterShade	-0.118479467
wavelet-HHH	glcm	MaximumProbability	0.083421355
wavelet-HHH	glcm	Idmn	0.969925907
wavelet-HHH	glcm	JointEnergy	0.034127671
wavelet-HHH	glcm	Contrast	8.952400753
wavelet-HHH	glcm	DifferenceEntropy	2.670066738
wavelet-HHH	glcm	InverseVariance	0.382846973
wavelet-HHH	glcm	DifferenceVariance	4.350265916
wavelet-HHH	glcm	Idn	0.89283753
wavelet-HHH	glcm	Idm	0.39636258
wavelet-HHH	glcm	Correlation	-0.023012042
wavelet-HHH	glcm	Autocorrelation	70.67059952
wavelet-HHH	glcm	SumEntropy	3.412497133
wavelet-HHH	glcm	SumSquares	4.356664778
wavelet-HHH	glcm	ClusterProminence	360.3594215
wavelet-HHH	glcm	Imc2	0.757654845
wavelet-HHH	glcm	Imc1	-0.145295376

wavelet-HHH	glcm	DifferenceAverage	2.127814021
wavelet-HHH	glcm	Id	0.464004931
wavelet-HHH	glcm	ClusterTendency	8.474258358
wavelet-HHH	firstorder	InterquartileRange	55.13697801
wavelet-HHH	firstorder	Skewness	0.105190429
wavelet-HHH	firstorder	Uniformity	0.154191883
wavelet-HHH	firstorder	Median	-0.741900157
wavelet-HHH	firstorder	Energy	691662.1109
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	23.05036415
wavelet-HHH	firstorder	MeanAbsoluteDeviation	40.21161591
wavelet-HHH	firstorder	TotalEnergy	18674876.99
wavelet-HHH	firstorder	Maximum	188.8008966
wavelet-HHH	firstorder	RootMeanSquared	57.11879837
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wavelet-HHH	firstorder	Minimum	-178.9244033
wavelet-HHH	firstorder	Entropy	3.115051633
wavelet-HHH	firstorder	Range	367.7252999
wavelet-HHH	firstorder	Variance	3256.539685
wavelet-HHH	firstorder	10Percentile	-67.44544718
wavelet-HHH	firstorder	Kurtosis	4.81400262
wavelet-HHH	firstorder	Mean	-2.453047483
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025121099
wavelet-HHH	glrlm	GrayLevelVariance	5.82595301
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026572169
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.140701367
wavelet-HHH	glrlm	RunVariance	0.188199802
wavelet-HHH	glrlm	GrayLevelNonUniformity	26.0896565
wavelet-HHH	glrlm	LongRunEmphasis	1.499602333
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	69.698376
wavelet-HHH	glrlm	RunLengthNonUniformity	146.6360136
wavelet-HHH	glrlm	ShortRunEmphasis	0.908718378
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	112.6021239
wavelet-HHH	glrlm	RunPercentage	0.874455733
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.034190673
wavelet-HHH	glrlm	RunEntropy	3.723319864
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	76.24354458
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wavelet-HHH	glszm	GrayLevelVariance	13.11555556
wavelet-HHH	glszm	ZoneVariance	71.74888889
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.082777778
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.404444444
wavelet-HHH	glszm	SizeZoneNonUniformity	24.26666667
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wavelet-HHH	glszm	LargeAreaEmphasis	84.23333333
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	58.42613263
wavelet-HHH	glszm	ZonePercentage	0.283018868
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.228701166
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	6199.3
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	84.8
wavelet-HHH	glszm	SmallAreaEmphasis	0.643549384
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.045711087
wavelet-HHH	glszm	ZoneEntropy	4.923231429
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.036037108
wavelet-HHH	ngtdm	Coarseness	0.032652074
wavelet-HHH	ngtdm	Complexity	162.1952571

wavelet-HHH	ngtdm	Strength	2.321574529
wavelet-HHH	ngtdm	Contrast	0.075387536
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wavelet-HLL	gldm	GrayLevelVariance	90.83704165
wavelet-HLL	gldm	HighGrayLevelEmphasis	356.8962264
wavelet-HLL	gldm	DependenceEntropy	6.223259768
wavelet-HLL	gldm	DependenceNonUniformity	59.86792453
wavelet-HLL	gldm	GrayLevelNonUniformity	9.452830189
wavelet-HLL	gldm	SmallDependenceEmphasis	0.448187198
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	204.1952874
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.28239587
wavelet-HLL	gldm	LargeDependenceEmphasis	5.990566038
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.067016651
wavelet-HLL	gldm	DependenceVariance	1.323335707
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1471.150943
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010441824
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.017057874
wavelet-HLL	glcm	JointAverage	15.81979455
wavelet-HLL	glcm	SumAverage	31.6395891
wavelet-HLL	glcm	JointEntropy	7.55356111
wavelet-HLL	glcm	ClusterShade	4195.817642
wavelet-HLL	glcm	MaximumProbability	0.018286184
wavelet-HLL	glcm	Idmn	0.958143115
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wavelet-HLL	glcm	InverseVariance	0.178351059
wavelet-HLL	glcm	DifferenceVariance	41.24414712
wavelet-HLL	glcm	Idn	0.876074086
wavelet-HLL	glcm	Idm	0.170843527
wavelet-HLL	glcm	Correlation	0.444890525
wavelet-HLL	glcm	Autocorrelation	290.3942569
wavelet-HLL	glcm	SumEntropy	5.257867951
wavelet-HLL	glcm	SumSquares	88.32517343
wavelet-HLL	glcm	ClusterProminence	210200.0703
wavelet-HLL	glcm	Imc2	0.991413116
wavelet-HLL	glcm	Imc1	-0.427937026
wavelet-HLL	glcm	DifferenceAverage	7.018796242
wavelet-HLL	glcm	Id	0.256270497
wavelet-HLL	glcm	ClusterTendency	256.6365298
wavelet-HLL	firstorder	InterquartileRange	351.4019954
wavelet-HLL	firstorder	Skewness	0.803788034
wavelet-HLL	firstorder	Uniformity	0.044588822
wavelet-HLL	firstorder	Median	-133.1896801
wavelet-HLL	firstorder	Energy	12685585.16
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	137.9741923
wavelet-HLL	firstorder	MeanAbsoluteDeviation	195.0807056
wavelet-HLL	firstorder	TotalEnergy	342510799.2
wavelet-HLL	firstorder	Maximum	632.3286863
wavelet-HLL	firstorder	RootMeanSquared	244.6173866
wavelet-HLL	firstorder	90Percentile	328.7846991
wavelet-HLL	firstorder	Minimum	-436.4838875
wavelet-HLL	firstorder	Entropy	4.842814571
wavelet-HLL	firstorder	Range	1068.812574
wavelet-HLL	firstorder	Variance	56736.59678

wavelet-HLL	firstorder	10Percentile	-323.181979
wavelet-HLL	firstorder	Kurtosis	2.670126728
wavelet-HLL	firstorder	Mean	-55.68724308
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016965127
wavelet-HLL	glrlm	GrayLevelVariance	92.48568971
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.017349748
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.043608277
wavelet-HLL	glrlm	RunVariance	0.047604202
wavelet-HLL	glrlm	GrayLevelNonUniformity	8.831508401
wavelet-HLL	glrlm	LongRunEmphasis	1.145517677
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	353.9612674
wavelet-HLL	glrlm	RunLengthNonUniformity	185.1597663
wavelet-HLL	glrlm	ShortRunEmphasis	0.96518495
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	397.9247185
wavelet-HLL	glrlm	RunPercentage	0.955370102
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.018917098
wavelet-HLL	glrlm	RunEntropy	5.047221671
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	362.3103906
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.91300009
wavelet-HLL	glszm	GrayLevelVariance	109.7091095
wavelet-HLL	glszm	ZoneVariance	2.511651691
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033676675
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.418511213
wavelet-HLL	glszm	SizeZoneNonUniformity	48.96581197
wavelet-HLL	glszm	GrayLevelNonUniformity	3.94017094
wavelet-HLL	glszm	LargeAreaEmphasis	5.794871795
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	326.3452263
wavelet-HLL	glszm	ZonePercentage	0.551886792
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.068695565
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1486.461538
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	433.0940171
wavelet-HLL	glszm	SmallAreaEmphasis	0.667093428
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021376302
wavelet-HLL	glszm	ZoneEntropy	6.104989719
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017006701
wavelet-HLL	ngtdm	Coarseness	0.030771466
wavelet-HLL	ngtdm	Complexity	3240.315721
wavelet-HLL	ngtdm	Strength	22.01900392
wavelet-HLL	ngtdm	Contrast	0.50842631
wavelet-HLL	ngtdm	Busyness	0.058602119
wavelet-LHL	gldm	GrayLevelVariance	65.64638216
wavelet-LHL	gldm	HighGrayLevelEmphasis	533.7971698
wavelet-LHL	gldm	DependenceEntropy	6.063966035
wavelet-LHL	gldm	DependenceNonUniformity	66.31132075
wavelet-LHL	gldm	GrayLevelNonUniformity	9.594339623
wavelet-LHL	gldm	SmallDependenceEmphasis	0.524216457
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	322.1655149
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.312789249
wavelet-LHL	gldm	LargeDependenceEmphasis	5.066037736
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019920409
wavelet-LHL	gldm	DependenceVariance	1.178444286
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2342.089623
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007285821
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.008688237
wavelet-LHL	glcm	JointAverage	21.12677402

wavelet-LHL	glcm	SumAverage	42.25354805
wavelet-LHL	glcm	JointEntropy	7.538723537
wavelet-LHL	glcm	ClusterShade	1449.13937
wavelet-LHL	glcm	MaximumProbability	0.017790763
wavelet-LHL	glcm	Idmn	0.975501602
wavelet-LHL	glcm	JointEnergy	0.006231401
wavelet-LHL	glcm	Contrast	81.43372167
wavelet-LHL	glcm	DifferenceEntropy	3.974142926
wavelet-LHL	glcm	InverseVariance	0.167543574
wavelet-LHL	glcm	DifferenceVariance	35.96744423
wavelet-LHL	glcm	Idn	0.899602925
wavelet-LHL	glcm	Idm	0.156500996
wavelet-LHL	glcm	Correlation	0.241651017
wavelet-LHL	glcm	Autocorrelation	459.6614271
wavelet-LHL	glcm	SumEntropy	5.062088607
wavelet-LHL	glcm	SumSquares	54.00410919
wavelet-LHL	glcm	ClusterProminence	106344.6025
wavelet-LHL	glcm	Imc2	0.982829682
wavelet-LHL	glcm	Imc1	-0.367656678
wavelet-LHL	glcm	DifferenceAverage	6.563432446
wavelet-LHL	glcm	Id	0.246286439
wavelet-LHL	glcm	ClusterTendency	134.5827151
wavelet-LHL	firstorder	InterquartileRange	227.7353294
wavelet-LHL	firstorder	Skewness	0.796208296
wavelet-LHL	firstorder	Uniformity	0.045256319
wavelet-LHL	firstorder	Median	-61.71462895
wavelet-LHL	firstorder	Energy	9150462.472
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	94.14328292
wavelet-LHL	firstorder	MeanAbsoluteDeviation	149.4153322
wavelet-LHL	firstorder	TotalEnergy	247062486.7
wavelet-LHL	firstorder	Maximum	757.3940125
wavelet-LHL	firstorder	RootMeanSquared	207.7560079
wavelet-LHL	firstorder	90Percentile	222.1196376
wavelet-LHL	firstorder	Minimum	-568.0672625
wavelet-LHL	firstorder	Entropy	4.75770062
wavelet-LHL	firstorder	Range	1325.461275
wavelet-LHL	firstorder	Variance	41047.86716
wavelet-LHL	firstorder	10Percentile	-262.9699643
wavelet-LHL	firstorder	Kurtosis	4.834552767
wavelet-LHL	firstorder	Mean	-45.98577684
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008836015
wavelet-LHL	glrlm	GrayLevelVariance	67.26158063
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008916967
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.044479675
wavelet-LHL	glrlm	RunVariance	0.040315946
wavelet-LHL	glrlm	GrayLevelNonUniformity	9.078045811
wavelet-LHL	glrlm	LongRunEmphasis	1.120444677
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	524.7721563
wavelet-LHL	glrlm	RunLengthNonUniformity	189.5115156
wavelet-LHL	glrlm	ShortRunEmphasis	0.97158024
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	590.7382725
wavelet-LHL	glrlm	RunPercentage	0.962626996
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.009258965
wavelet-LHL	glrlm	RunEntropy	4.931394431
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	537.351342



wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.928094882
wavelet-LHL	glszm	GrayLevelVariance	90.4521049
wavelet-LHL	glszm	ZoneVariance	2.426064852
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037138074
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.52520305
wavelet-LHL	glszm	SizeZoneNonUniformity	66.7007874
wavelet-LHL	glszm	GrayLevelNonUniformity	4.716535433
wavelet-LHL	glszm	LargeAreaEmphasis	5.212598425
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	483.7034023
wavelet-LHL	glszm	ZonePercentage	0.599056604
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.025442024
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2314.937008
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	599.007874
wavelet-LHL	glszm	SmallAreaEmphasis	0.752593867
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.01253054
wavelet-LHL	glszm	ZoneEntropy	5.775981785
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011793098
wavelet-LHL	ngtdm	Coarseness	0.032274984
wavelet-LHL	ngtdm	Complexity	2950.494046
wavelet-LHL	ngtdm	Strength	19.44616451
wavelet-LHL	ngtdm	Contrast	0.407428072
wavelet-LHL	ngtdm	Busyness	0.039011229
wavelet-LHH	gldm	GrayLevelVariance	18.50469473
wavelet-LHH	gldm	HighGrayLevelEmphasis	243.6462264
wavelet-LHH	gldm	DependenceEntropy	5.919577974
wavelet-LHH	gldm	DependenceNonUniformity	43.54716981
wavelet-LHH	gldm	GrayLevelNonUniformity	17.0754717
wavelet-LHH	gldm	SmallDependenceEmphasis	0.397147332
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	100.8320685
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.205411178
wavelet-LHH	gldm	LargeDependenceEmphasis	13.41509434
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.072390532
wavelet-LHH	gldm	DependenceVariance	4.806959772
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3199.287736
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012214986
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.015534471
wavelet-LHH	glcm	JointAverage	15.21878955
wavelet-LHH	glcm	SumAverage	30.4375791
wavelet-LHH	glcm	JointEntropy	6.767626532
wavelet-LHH	glcm	ClusterShade	-19.42574115
wavelet-LHH	glcm	MaximumProbability	0.039589523
wavelet-LHH	glcm	Idmn	0.973029555
wavelet-LHH	glcm	JointEnergy	0.012877358
wavelet-LHH	glcm	Contrast	31.98386288
wavelet-LHH	glcm	DifferenceEntropy	3.407827237
wavelet-LHH	glcm	InverseVariance	0.26202125
wavelet-LHH	glcm	DifferenceVariance	15.88772994
wavelet-LHH	glcm	Idn	0.899131057
wavelet-LHH	glcm	Idm	0.26211904
wavelet-LHH	glcm	Correlation	-0.022046824
wavelet-LHH	glcm	Autocorrelation	231.2454525
wavelet-LHH	glcm	SumEntropy	4.229703444
wavelet-LHH	glcm	SumSquares	15.60784339
wavelet-LHH	glcm	ClusterProminence	4951.489906
wavelet-LHH	glcm	Imc2	0.907191707

wavelet-LHH	glcm	Imc1	-0.228223106
wavelet-LHH	glcm	DifferenceAverage	3.969210736
wavelet-LHH	glcm	Id	0.347275328
wavelet-LHH	glcm	ClusterTendency	30.44751067
wavelet-LHH	firstorder	InterquartileRange	114.5512852
wavelet-LHH	firstorder	Skewness	0.051493066
wavelet-LHH	firstorder	Uniformity	0.080544678
wavelet-LHH	firstorder	Median	-7.110793192
wavelet-LHH	firstorder	Energy	2482046.793
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	46.99653563
wavelet-LHH	firstorder	MeanAbsoluteDeviation	77.45528934
wavelet-LHH	firstorder	TotalEnergy	67015263.42
wavelet-LHH	firstorder	Maximum	403.5348395
wavelet-LHH	firstorder	RootMeanSquared	108.2024394
wavelet-LHH	firstorder	90Percentile	111.4951054
wavelet-LHH	firstorder	Minimum	-359.7491155
wavelet-LHH	firstorder	Entropy	3.965741063
wavelet-LHH	firstorder	Range	763.283955
wavelet-LHH	firstorder	Variance	11548.8715
wavelet-LHH	firstorder	10Percentile	-139.3000318
wavelet-LHH	firstorder	Kurtosis	5.075738811
wavelet-LHH	firstorder	Mean	-12.60541111
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.016110332
wavelet-LHH	glrlm	GrayLevelVariance	19.5734883
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.016395544
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.076079764
wavelet-LHH	glrlm	RunVariance	0.083922441
wavelet-LHH	glrlm	GrayLevelNonUniformity	14.93095567
wavelet-LHH	glrlm	LongRunEmphasis	1.253019256
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	230.658585
wavelet-LHH	glrlm	RunLengthNonUniformity	168.9195969
wavelet-LHH	glrlm	ShortRunEmphasis	0.942204665
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	304.0503981
wavelet-LHH	glrlm	RunPercentage	0.925616836
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.017626533
wavelet-LHH	glrlm	RunEntropy	4.33305777
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	244.2714707
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.859889616
wavelet-LHH	glszm	GrayLevelVariance	30.91097459
wavelet-LHH	glszm	ZoneVariance	14.27946689
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059142024
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.484173261
wavelet-LHH	glszm	SizeZoneNonUniformity	47.44897959
wavelet-LHH	glszm	GrayLevelNonUniformity	5.795918367
wavelet-LHH	glszm	LargeAreaEmphasis	18.95918367
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	183.7805413
wavelet-LHH	glszm	ZonePercentage	0.462264151
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.10672878
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	4589.438776
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	251.9489796
wavelet-LHH	glszm	SmallAreaEmphasis	0.717991291
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027481763
wavelet-LHH	glszm	ZoneEntropy	5.282642564
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.025583979
wavelet-LHH	ngtdm	Coarseness	0.031818752

wavelet-LHH	ngtdm	Complexity	759.6280343
wavelet-LHH	ngtdm	Strength	5.860827079
wavelet-LHH	ngtdm	Contrast	0.216268625
wavelet-LHH	ngtdm	Busyness	0.082576131
wavelet-LLH	gldm	GrayLevelVariance	74.0369126
wavelet-LLH	gldm	HighGrayLevelEmphasis	875.8349057
wavelet-LLH	gldm	DependenceEntropy	6.090453269
wavelet-LLH	gldm	DependenceNonUniformity	54.12264151
wavelet-LLH	gldm	GrayLevelNonUniformity	13.37735849
wavelet-LLH	gldm	SmallDependenceEmphasis	0.496534391
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	499.6069283
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.255295479
wavelet-LLH	gldm	LargeDependenceEmphasis	9.735849057
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018208803
wavelet-LLH	gldm	DependenceVariance	3.532929868
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	7592.476415
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00573687
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006469407
wavelet-LLH	glcm	JointAverage	28.08059347
wavelet-LLH	glcm	SumAverage	56.16118695
wavelet-LLH	glcm	JointEntropy	7.155185903
wavelet-LLH	glcm	ClusterShade	2243.578239
wavelet-LLH	glcm	MaximumProbability	0.02911871
wavelet-LLH	glcm	Idmn	0.975353118
wavelet-LLH	glcm	JointEnergy	0.009244963
wavelet-LLH	glcm	Contrast	109.7406948
wavelet-LLH	glcm	DifferenceEntropy	3.96613217
wavelet-LLH	glcm	InverseVariance	0.223641416
wavelet-LLH	glcm	DifferenceVariance	64.69503067
wavelet-LLH	glcm	Idn	0.91301145
wavelet-LLH	glcm	Idm	0.213720663
wavelet-LLH	glcm	Correlation	0.04708873
wavelet-LLH	glcm	Autocorrelation	793.254611
wavelet-LLH	glcm	SumEntropy	4.861569467
wavelet-LLH	glcm	SumSquares	59.52433461
wavelet-LLH	glcm	ClusterProminence	129988.9547
wavelet-LLH	glcm	Imc2	0.97537132
wavelet-LLH	glcm	Imc1	-0.350457353
wavelet-LLH	glcm	DifferenceAverage	6.597361347
wavelet-LLH	glcm	Id	0.294757647
wavelet-LLH	glcm	ClusterTendency	128.3566436
wavelet-LLH	firstorder	InterquartileRange	127.3380147
wavelet-LLH	firstorder	Skewness	1.165360309
wavelet-LLH	firstorder	Uniformity	0.063100748
wavelet-LLH	firstorder	Median	-58.63783805
wavelet-LLH	firstorder	Energy	9971124.112
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	62.35298934
wavelet-LLH	firstorder	MeanAbsoluteDeviation	137.5145395
wavelet-LLH	firstorder	TotalEnergy	269220351
wavelet-LLH	firstorder	Maximum	783.1488318
wavelet-LLH	firstorder	RootMeanSquared	216.8723226
wavelet-LLH	firstorder	90Percentile	228.4175261
wavelet-LLH	firstorder	Minimum	-701.9136454
wavelet-LLH	firstorder	Entropy	4.503294104
wavelet-LLH	firstorder	Range	1485.062477

wavelet-LLH	firstorder	Variance	46151.01499
wavelet-LLH	firstorder	10Percentile	-210.9120261
wavelet-LLH	firstorder	Kurtosis	6.304098201
wavelet-LLH	firstorder	Mean	-29.70840469
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006720909
wavelet-LLH	glrlm	GrayLevelVariance	78.07765176
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.006780969
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.059834067
wavelet-LLH	glrlm	RunVariance	0.066438384
wavelet-LLH	glrlm	GrayLevelNonUniformity	11.9616123
wavelet-LLH	glrlm	LongRunEmphasis	1.193266623
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	850.0797863
wavelet-LLH	glrlm	RunLengthNonUniformity	178.5697017
wavelet-LLH	glrlm	ShortRunEmphasis	0.956712171
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1029.576559
wavelet-LLH	glrlm	RunPercentage	0.942670537
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.007048459
wavelet-LLH	glrlm	RunEntropy	4.799423161
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	882.9811078
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.892859077
wavelet-LLH	glszm	GrayLevelVariance	125.6063516
wavelet-LLH	glszm	ZoneVariance	7.558109641
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037882798
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.603175803
wavelet-LLH	glszm	SizeZoneNonUniformity	69.36521739
wavelet-LLH	glszm	GrayLevelNonUniformity	4.356521739
wavelet-LLH	glszm	LargeAreaEmphasis	10.95652174
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	838.4941573
wavelet-LLH	glszm	ZonePercentage	0.54245283
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.024169378
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	8559.556522
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	984.8608696
wavelet-LLH	glszm	SmallAreaEmphasis	0.802188433
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.010710937
wavelet-LLH	glszm	ZoneEntropy	5.688883695
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.010401262
wavelet-LLH	ngtdm	Coarseness	0.026610915
wavelet-LLH	ngtdm	Complexity	4137.639996
wavelet-LLH	ngtdm	Strength	21.23279346
wavelet-LLH	ngtdm	Contrast	0.520210587
wavelet-LLH	ngtdm	Busyness	0.030500447
wavelet-LLL	gldm	GrayLevelVariance	467.2062122
wavelet-LLL	gldm	HighGrayLevelEmphasis	3287.216981
wavelet-LLL	gldm	DependenceEntropy	6.509443893
wavelet-LLL	gldm	DependenceNonUniformity	117.4716981
wavelet-LLL	gldm	GrayLevelNonUniformity	3.981132075
wavelet-LLL	gldm	SmallDependenceEmphasis	0.770795335
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2168.964236
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.554111784
wavelet-LLL	gldm	LargeDependenceEmphasis	3.330188679
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008230965
wavelet-LLL	gldm	DependenceVariance	1.080188679
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	17058.87736
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005542674
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006037216

wavelet-LLL	glcm	JointAverage	58.85546446
wavelet-LLL	glcm	SumAverage	117.7109289
wavelet-LLL	glcm	JointEntropy	8.003126413
wavelet-LLL	glcm	ClusterShade	-21202.15285
wavelet-LLL	glcm	MaximumProbability	0.013456508
wavelet-LLL	glcm	Idmn	0.93741787
wavelet-LLL	glcm	JointEnergy	0.004194562
wavelet-LLL	glcm	Contrast	541.0762473
wavelet-LLL	glcm	DifferenceEntropy	5.206032629
wavelet-LLL	glcm	InverseVariance	0.083873277
wavelet-LLL	glcm	DifferenceVariance	191.2787745
wavelet-LLL	glcm	Idn	0.839619533
wavelet-LLL	glcm	Idm	0.078244468
wavelet-LLL	glcm	Correlation	0.363561608
wavelet-LLL	glcm	Autocorrelation	3620.373323
wavelet-LLL	glcm	SumEntropy	6.163985436
wavelet-LLL	glcm	SumSquares	425.6087367
wavelet-LLL	glcm	ClusterProminence	3370133.551
wavelet-LLL	glcm	Imc2	0.999572449
wavelet-LLL	glcm	Imc1	-0.613054483
wavelet-LLL	glcm	DifferenceAverage	18.130861
wavelet-LLL	glcm	Id	0.139273122
wavelet-LLL	glcm	ClusterTendency	1161.358699
wavelet-LLL	firstorder	InterquartileRange	885.5904006
wavelet-LLL	firstorder	Skewness	-0.321978032
wavelet-LLL	firstorder	Uniformity	0.018778925
wavelet-LLL	firstorder	Median	-481.9418986
wavelet-LLL	firstorder	Energy	128320445.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	363.868986
wavelet-LLL	firstorder	MeanAbsoluteDeviation	463.2018376
wavelet-LLL	firstorder	TotalEnergy	3464652019
wavelet-LLL	firstorder	Maximum	242.4614444
wavelet-LLL	firstorder	RootMeanSquared	778.0007189
wavelet-LLL	firstorder	90Percentile	131.6904698
wavelet-LLL	firstorder	Minimum	-1871.800868
wavelet-LLL	firstorder	Entropy	5.96783114
wavelet-LLL	firstorder	Range	2114.262312
wavelet-LLL	firstorder	Variance	292354.5379
wavelet-LLL	firstorder	10Percentile	-1366.832675
wavelet-LLL	firstorder	Kurtosis	2.009894795
wavelet-LLL	firstorder	Mean	-559.401985
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006108056
wavelet-LLL	glrlm	GrayLevelVariance	464.1605459
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00612864
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.018225197
wavelet-LLL	glrlm	RunVariance	0.019957577
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.78967103
wavelet-LLL	glrlm	LongRunEmphasis	1.059830011
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3162.903346
wavelet-LLL	glrlm	RunLengthNonUniformity	200.1140123
wavelet-LLL	glrlm	ShortRunEmphasis	0.985453411
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3574.744709
wavelet-LLL	glrlm	RunPercentage	0.980769231
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.006211219
wavelet-LLL	glrlm	RunEntropy	6.046915051

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3243.061231
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.962271776
wavelet-LLL	glszm	GrayLevelVariance	437.9166336
wavelet-LLL	glszm	ZoneVariance	0.756903158
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016118378
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.772889417
wavelet-LLL	glszm	SizeZoneNonUniformity	134.4827586
wavelet-LLL	glszm	GrayLevelNonUniformity	2.804597701
wavelet-LLL	glszm	LargeAreaEmphasis	2.24137931
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2464.734018
wavelet-LLL	glszm	ZonePercentage	0.820754717
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008258347
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10109.83908
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2888.735632
wavelet-LLL	glszm	SmallAreaEmphasis	0.899841954
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006948931
wavelet-LLL	glszm	ZoneEntropy	6.34692401
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006653771
wavelet-LLL	ngtdm	Coarseness	0.02231351
wavelet-LLL	ngtdm	Complexity	26896.86791
wavelet-LLL	ngtdm	Strength	55.23566433
wavelet-LLL	ngtdm	Contrast	2.182007533
wavelet-LLL	ngtdm	Busyness	0.01293522
wavelet-HHL	gldm	GrayLevelVariance	9.711885902
wavelet-HHL	gldm	HighGrayLevelEmphasis	194.6462264
wavelet-HHL	gldm	DependenceEntropy	5.658638604
wavelet-HHL	gldm	DependenceNonUniformity	40.12264151
wavelet-HHL	gldm	GrayLevelNonUniformity	21.19811321
wavelet-HHL	gldm	SmallDependenceEmphasis	0.353639041
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	68.18943972
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.189257743
wavelet-HHL	gldm	LargeDependenceEmphasis	11.82075472
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.069035697
wavelet-HHL	gldm	DependenceVariance	3.322979708
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2387.193396
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007444235
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.011277543
wavelet-HHL	glcm	JointAverage	13.7127056
wavelet-HHL	glcm	SumAverage	27.42541119
wavelet-HHL	glcm	JointEntropy	6.389715117
wavelet-HHL	glcm	ClusterShade	-22.93975571
wavelet-HHL	glcm	MaximumProbability	0.034827624
wavelet-HHL	glcm	Idmn	0.966760677
wavelet-HHL	glcm	JointEnergy	0.015234932
wavelet-HHL	glcm	Contrast	16.64944218
wavelet-HHL	glcm	DifferenceEntropy	3.058325711
wavelet-HHL	glcm	InverseVariance	0.294155971
wavelet-HHL	glcm	DifferenceVariance	6.775873981
wavelet-HHL	glcm	Idn	0.880746804
wavelet-HHL	glcm	Idm	0.278889342
wavelet-HHL	glcm	Correlation	0.03797298
wavelet-HHL	glcm	Autocorrelation	188.3823561
wavelet-HHL	glcm	SumEntropy	3.972320553
wavelet-HHL	glcm	SumSquares	8.66231093
wavelet-HHL	glcm	ClusterProminence	1296.205427

wavelet-HHL	glcm	Imc2	0.834675935
wavelet-HHL	glcm	Imc1	-0.173349107
wavelet-HHL	glcm	DifferenceAverage	3.101210296
wavelet-HHL	glcm	Id	0.366545746
wavelet-HHL	glcm	ClusterTendency	17.99980154
wavelet-HHL	firstorder	InterquartileRange	93.23353152
wavelet-HHL	firstorder	Skewness	-0.492143205
wavelet-HHL	firstorder	Uniformity	0.0999911
wavelet-HHL	firstorder	Median	7.994841373
wavelet-HHL	firstorder	Energy	1269315.201
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	38.73415916
wavelet-HHL	firstorder	MeanAbsoluteDeviation	59.37572612
wavelet-HHL	firstorder	TotalEnergy	34271510.43
wavelet-HHL	firstorder	Maximum	184.3156579
wavelet-HHL	firstorder	RootMeanSquared	77.37787704
wavelet-HHL	firstorder	90Percentile	93.97569498
wavelet-HHL	firstorder	Minimum	-301.5044097
wavelet-HHL	firstorder	Entropy	3.592267691
wavelet-HHL	firstorder	Range	485.8200676
wavelet-HHL	firstorder	Variance	5977.542459
wavelet-HHL	firstorder	10Percentile	-82.96350144
wavelet-HHL	firstorder	Kurtosis	4.011919425
wavelet-HHL	firstorder	Mean	3.12944016
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011419981
wavelet-HHL	glrlm	GrayLevelVariance	10.15850151
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.011736837
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.096875298
wavelet-HHL	glrlm	RunVariance	0.082338618
wavelet-HHL	glrlm	GrayLevelNonUniformity	19.02694636
wavelet-HHL	glrlm	LongRunEmphasis	1.252348935
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	182.7699516
wavelet-HHL	glrlm	RunLengthNonUniformity	169.5497023
wavelet-HHL	glrlm	ShortRunEmphasis	0.942256791
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	244.1821793
wavelet-HHL	glrlm	RunPercentage	0.926342525
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.013171689
wavelet-HHL	glrlm	RunEntropy	3.956120906
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	194.3225439
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.861349161
wavelet-HHL	glszm	GrayLevelVariance	16.56110727
wavelet-HHL	glszm	ZoneVariance	10.0617301
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.073771626
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.440276817
wavelet-HHL	glszm	SizeZoneNonUniformity	37.42352941
wavelet-HHL	glszm	GrayLevelNonUniformity	6.270588235
wavelet-HHL	glszm	LargeAreaEmphasis	16.28235294
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	132.61462
wavelet-HHL	glszm	ZonePercentage	0.400943396
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.104106926
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	3177
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	195.1764706
wavelet-HHL	glszm	SmallAreaEmphasis	0.687027443
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.019322445
wavelet-HHL	glszm	ZoneEntropy	5.073825719
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.017318817

wavelet-HHL	ngtdm	Coarseness	0.029738314
wavelet-HHL	ngtdm	Complexity	290.5658657
wavelet-HHL	ngtdm	Strength	3.027275371
wavelet-HHL	ngtdm	Contrast	0.147894912
wavelet-HHL	ngtdm	Busyness	0.132966216
wavelet-HLH	gldm	GrayLevelVariance	15.85590958
wavelet-HLH	gldm	HighGrayLevelEmphasis	328.745283
wavelet-HLH	gldm	DependenceEntropy	5.839527828
wavelet-HLH	gldm	DependenceNonUniformity	39.73584906
wavelet-HLH	gldm	GrayLevelNonUniformity	19.16981132
wavelet-HLH	gldm	SmallDependenceEmphasis	0.368428679
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	117.6497997
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.18743325
wavelet-HLH	gldm	LargeDependenceEmphasis	17.5754717
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.065657525
wavelet-HLH	gldm	DependenceVariance	7.165717337
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	5347.990566
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006528107
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008670193
wavelet-HLH	glcm	JointAverage	17.63802888
wavelet-HLH	glcm	SumAverage	35.27605777
wavelet-HLH	glcm	JointEntropy	6.609662096
wavelet-HLH	glcm	ClusterShade	-62.0238552
wavelet-HLH	glcm	MaximumProbability	0.043245991
wavelet-HLH	glcm	Idmn	0.97587356
wavelet-HLH	glcm	JointEnergy	0.013962574
wavelet-HLH	glcm	Contrast	30.46921496
wavelet-HLH	glcm	DifferenceEntropy	3.355271505
wavelet-HLH	glcm	InverseVariance	0.262044097
wavelet-HLH	glcm	DifferenceVariance	15.56629409
wavelet-HLH	glcm	Idn	0.905222952
wavelet-HLH	glcm	Idm	0.277543528
wavelet-HLH	glcm	Correlation	-0.018713752
wavelet-HLH	glcm	Autocorrelation	310.9233523
wavelet-HLH	glcm	SumEntropy	4.164815105
wavelet-HLH	glcm	SumSquares	15.04319911
wavelet-HLH	glcm	ClusterProminence	5703.75185
wavelet-HLH	glcm	Imc2	0.903844888
wavelet-HLH	glcm	Imc1	-0.231151452
wavelet-HLH	glcm	DifferenceAverage	3.814544379
wavelet-HLH	glcm	Id	0.361153208
wavelet-HLH	glcm	ClusterTendency	29.70358147
wavelet-HLH	firstorder	InterquartileRange	100.009167
wavelet-HLH	firstorder	Skewness	-0.229446173
wavelet-HLH	firstorder	Uniformity	0.090423638
wavelet-HLH	firstorder	Median	0.683219813
wavelet-HLH	firstorder	Energy	2089547.651
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	41.53518318
wavelet-HLH	firstorder	MeanAbsoluteDeviation	70.07720339
wavelet-HLH	firstorder	TotalEnergy	56417786.57
wavelet-HLH	firstorder	Maximum	379.6922126
wavelet-HLH	firstorder	RootMeanSquared	99.27918635
wavelet-HLH	firstorder	90Percentile	114.4874768
wavelet-HLH	firstorder	Minimum	-403.5383809
wavelet-HLH	firstorder	Entropy	3.798059308



wavelet-HLH	firstorder	Range	783.2305935
wavelet-HLH	firstorder	Variance	9837.931443
wavelet-HLH	firstorder	10Percentile	-95.47886186
wavelet-HLH	firstorder	Kurtosis	5.821999064
wavelet-HLH	firstorder	Mean	4.292481759
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008946052
wavelet-HLH	glrlm	GrayLevelVariance	16.86458042
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.009167368
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.086434284
wavelet-HLH	glrlm	RunVariance	0.104852835
wavelet-HLH	glrlm	GrayLevelNonUniformity	16.75813164
wavelet-HLH	glrlm	LongRunEmphasis	1.303140396
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	309.3846678
wavelet-HLH	glrlm	RunLengthNonUniformity	163.7843762
wavelet-HLH	glrlm	ShortRunEmphasis	0.934995691
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	425.4379477
wavelet-HLH	glrlm	RunPercentage	0.91436865
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.010196787
wavelet-HLH	glrlm	RunEntropy	4.197692706
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	329.9725821
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.844012282
wavelet-HLH	glszm	GrayLevelVariance	27.73966942
wavelet-HLH	glszm	ZoneVariance	12.90082645
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.066890496
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.465134298
wavelet-HLH	glszm	SizeZoneNonUniformity	40.93181818
wavelet-HLH	glszm	GrayLevelNonUniformity	5.886363636
wavelet-HLH	glszm	LargeAreaEmphasis	18.70454545
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	220.6438699
wavelet-HLH	glszm	ZonePercentage	0.41509434
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.075284339
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	5901.613636
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	322.9545455
wavelet-HLH	glszm	SmallAreaEmphasis	0.7071248
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.016184742
wavelet-HLH	glszm	ZoneEntropy	5.13109238
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015122511
wavelet-HLH	ngtdm	Coarseness	0.030549221
wavelet-HLH	ngtdm	Complexity	679.9728289
wavelet-HLH	ngtdm	Strength	6.274202683
wavelet-HLH	ngtdm	Contrast	0.180666444
wavelet-HLH	ngtdm	Busyness	0.071859551

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	f73d8f06d5417b50bb626da6172ea09c8e4fd4
general	info	NumpyVersion	34
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	Maximum2DDiameterSlice	54.41507144
original	shape	Sphericity	49.2036584
original	shape	MinorAxis	0.775624173
original	shape	Elongation	40.57900961
original	shape	SurfaceVolumeRatio	0.869046496
original	shape	Volume	0.179199448
original	shape	MajorAxis	42120
original	shape	SurfaceArea	46.69371522
original	shape	Flatness	7547.880754
original	shape	LeastAxis	0.697826449
original	shape	Maximum2DDiameterColumn	32.58410951
original	shape	Maximum2DDiameterRow	52.39274759
original	gldm	GrayLevelVariance	52.47856705
original	gldm	HighGrayLevelEmphasis	40.31121631
original	gldm	DependenceEntropy	1213.461538
original	gldm	DependenceNonUniformity	6.360296407
original	gldm	GrayLevelNonUniformity	152.4461538
original	gldm	SmallDependenceEmphasis	249.0628205
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.275819942
original	gldm	DependenceNonUniformityNormalized	237.7868753
original	gldm	LargeDependenceEmphasis	0.097721893
original	gldm	LargeDependenceLowGrayLevelEmphasis	61.65512821
original	gldm	DependenceVariance	0.0455159
original	gldm	LargeDependenceHighGrayLevelEmphasis	23.75374096
original	gldm	SmallDependenceLowGrayLevelEmphasis	85844.47308
original	gldm		0.001263766

original	gldm	LowGrayLevelEmphasis	0.001838153
original	glcm	JointAverage	35.24982196
original	glcm	SumAverage	70.49964392
original	glcm	JointEntropy	5.96073869
original	glcm	ClusterShade	-1619.533945
original	glcm	MaximumProbability	0.123613874
original	glcm	Idmn	0.981118115
original	glcm	JointEnergy	0.052788621
original	glcm	Contrast	37.74046437
original	glcm	DifferenceEntropy	3.144810941
original	glcm	InverseVariance	0.377613563
original	glcm	DifferenceVariance	26.51465517
original	glcm	Idn	0.934700549
original	glcm	Idm	0.442682334
original	glcm	Correlation	0.329889205
original	glcm	Autocorrelation	1252.246573
original	glcm	SumEntropy	3.984213642
original	glcm	SumSquares	28.53878171
original	glcm	ClusterProminence	56209.2939
original	glcm	Imc2	0.730879869
original	glcm	Imc1	-0.122395096
original	glcm	DifferenceAverage	3.338691162
original	glcm	Id	0.489632095
original	glcm	ClusterTendency	76.41466249
original	firstorder	InterquartileRange	97.25
original	firstorder	Skewness	-2.180213374
original	firstorder	Uniformity	0.159655654
original	firstorder	Median	11
original	firstorder	Energy	44112623
original	firstorder	RobustMeanAbsoluteDeviation	57.26044246
original	firstorder	MeanAbsoluteDeviation	113.2314596
original	firstorder	TotalEnergy	1191040821
original	firstorder	Maximum	110
original	firstorder	RootMeanSquared	168.1586228
original	firstorder	90Percentile	45
original	firstorder	Minimum	-900
original	firstorder	Entropy	3.536336558
original	firstorder	Range	1010
original	firstorder	Variance	25065.70276
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original	firstorder	Kurtosis	7.505255178
original	firstorder	Mean	-56.67115385
original	glrlm	ShortRunLowGrayLevelEmphasis	0.002014049
original	glrlm	GrayLevelVariance	46.97328604
original	glrlm	LowGrayLevelRunEmphasis	0.002112506
original	glrlm	GrayLevelNonUniformityNormalized	0.120336011
original	glrlm	RunVariance	0.4297935
original	glrlm	GrayLevelNonUniformity	150.57366
original	glrlm	LongRunEmphasis	1.988021433
original	glrlm	ShortRunHighGrayLevelEmphasis	985.8231403
original	glrlm	RunLengthNonUniformity	887.6562757
original	glrlm	ShortRunEmphasis	0.866632603
original	glrlm	LongRunHighGrayLevelEmphasis	2543.677404

original	glrlm	RunPercentage	0.801676529
original	glrlm	LongRunLowGrayLevelEmphasis	0.002831712
original	glrlm	RunEntropy	4.580657296
original	glrlm	HighGrayLevelRunEmphasis	1170.294532
original	glrlm	RunLengthNonUniformityNormalized	0.709333291
original	glszm	GrayLevelVariance	67.20999807
original	glszm	ZoneVariance	731.2951002
original	glszm	GrayLevelNonUniformityNormalized	0.042692252
original	glszm	SizeZoneNonUniformityNormalized	0.597432724
original	glszm	SizeZoneNonUniformity	275.4164859
original	glszm	GrayLevelNonUniformity	19.68112798
original	glszm	LargeAreaEmphasis	742.7462039
original	glszm	SmallAreaHighGrayLevelEmphasis	639.641107
original	glszm	ZonePercentage	0.295512821
original	glszm	LargeAreaLowGrayLevelEmphasis	0.53432752
original	glszm	LargeAreaHighGrayLevelEmphasis	1040408.898
original	glszm	HighGrayLevelZoneEmphasis	865.1193059
original	glszm	SmallAreaEmphasis	0.800033537
original	glszm	LowGrayLevelZoneEmphasis	0.004377356
original	glszm	ZoneEntropy	5.809956659
original	glszm	SmallAreaLowGrayLevelEmphasis	0.004148476
original	ngtdm	Coarseness	0.002816744
original	ngtdm	Complexity	2068.849526
original	ngtdm	Strength	5.102801134
original	ngtdm	Contrast	0.169501171
original	ngtdm	Busyness	0.171325946
wavelet-HHH	gldm	GrayLevelVariance	6.467473702
wavelet-HHH	gldm	HighGrayLevelEmphasis	139.2192308
wavelet-HHH	gldm	DependenceEntropy	6.064009077
wavelet-HHH	gldm	DependenceNonUniformity	149.3346154
wavelet-HHH	gldm	GrayLevelNonUniformity	249.7730769
wavelet-HHH	gldm	SmallDependenceEmphasis	0.228380897
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	33.38909531
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.095727318
wavelet-HHH	gldm	LargeDependenceEmphasis	49.36666667
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.379974718
wavelet-HHH	gldm	DependenceVariance	17.71882972
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6606.10641
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005413458
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.011610016
wavelet-HHH	glcm	JointAverage	11.51667646
wavelet-HHH	glcm	SumAverage	23.03335291
wavelet-HHH	glcm	JointEntropy	5.839505785
wavelet-HHH	glcm	ClusterShade	1.961417167
wavelet-HHH	glcm	MaximumProbability	0.104992151
wavelet-HHH	glcm	ldmn	0.982711807
wavelet-HHH	glcm	JointEnergy	0.043270044
wavelet-HHH	glcm	Contrast	11.08716902
wavelet-HHH	glcm	DifferenceEntropy	2.791399222
wavelet-HHH	glcm	InverseVariance	0.382613713
wavelet-HHH	glcm	DifferenceVariance	6.122874
wavelet-HHH	glcm	ldn	0.922794261
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wavelet-HHH	glcm	Correlation	-0.036622928
wavelet-HHH	glcm	Autocorrelation	132.4201237
wavelet-HHH	glcm	SumEntropy	3.509367341
wavelet-HHH	glcm	SumSquares	5.329391864
wavelet-HHH	glcm	ClusterProminence	674.3785002
wavelet-HHH	glcm	Imc2	0.595976252
wavelet-HHH	glcm	Imc1	-0.074125035
wavelet-HHH	glcm	DifferenceAverage	2.210344047
wavelet-HHH	glcm	Id	0.486058416
wavelet-HHH	glcm	ClusterTendency	10.23039844
wavelet-HHH	firstorder	InterquartileRange	48.59387968
wavelet-HHH	firstorder	Skewness	0.046237428
wavelet-HHH	firstorder	Uniformity	0.160110947
wavelet-HHH	firstorder	Median	0.090113883
wavelet-HHH	firstorder	Energy	6255615.323
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	22.51793346
wavelet-HHH	firstorder	MeanAbsoluteDeviation	42.11646474
wavelet-HHH	firstorder	TotalEnergy	168901613.7
wavelet-HHH	firstorder	Maximum	324.4487641
wavelet-HHH	firstorder	RootMeanSquared	63.32463835
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wavelet-HHH	firstorder	Minimum	-274.2139162
wavelet-HHH	firstorder	Entropy	3.194024481
wavelet-HHH	firstorder	Range	598.6626803
wavelet-HHH	firstorder	Variance	4009.899301
wavelet-HHH	firstorder	10Percentile	-69.27548554
wavelet-HHH	firstorder	Kurtosis	6.210974973
wavelet-HHH	firstorder	Mean	0.332447629
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011500547
wavelet-HHH	glrlm	GrayLevelVariance	7.641208024
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.012457108
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.133391585
wavelet-HHH	glrlm	RunVariance	0.34520522
wavelet-HHH	glrlm	GrayLevelNonUniformity	171.1395477
wavelet-HHH	glrlm	LongRunEmphasis	1.827587168
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	123.6051415
wavelet-HHH	glrlm	RunLengthNonUniformity	932.7078607
wavelet-HHH	glrlm	ShortRunEmphasis	0.876495456
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	251.2421411
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.018819478
wavelet-HHH	glrlm	RunEntropy	4.082343863
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	140.2569449
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.510094667
wavelet-HHH	glszm	SizeZoneNonUniformity	188.2249322
wavelet-HHH	glszm	GrayLevelNonUniformity	26.30623306
wavelet-HHH	glszm	LargeAreaEmphasis	843.1869919
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	109.1632139
wavelet-HHH	glszm	ZonePercentage	0.236538462

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	6.441590772
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	111768.71
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	148.1355014
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.023422639
wavelet-HHH	glszm	ZoneEntropy	5.391250918
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020954274
wavelet-HHH	ngtdm	Coarseness	0.004901235
wavelet-HHH	ngtdm	Complexity	430.5575026
wavelet-HHH	ngtdm	Strength	0.934800235
wavelet-HHH	ngtdm	Contrast	0.042684541
wavelet-HHH	ngtdm	Busyness	0.513002224
wavelet-HLL	gldm	GrayLevelVariance	27.10916502
wavelet-HLL	gldm	HighGrayLevelEmphasis	401.4820513
wavelet-HLL	gldm	DependenceEntropy	6.817991049
wavelet-HLL	gldm	DependenceNonUniformity	215.7551282
wavelet-HLL	gldm	GrayLevelNonUniformity	133.2538462
wavelet-HLL	gldm	SmallDependenceEmphasis	0.310602439
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	134.3262104
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.138304569
wavelet-HLL	gldm	LargeDependenceEmphasis	32.18205128
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.084344997
wavelet-HLL	gldm	DependenceVariance	13.72511341
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	13281.23846
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002912559
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005181175
wavelet-HLL	glcm	JointAverage	19.32231216
wavelet-HLL	glcm	SumAverage	38.64462431
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wavelet-HLL	glcm	ClusterShade	119.3603919
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wavelet-HLL	glcm	Idmn	0.986289044
wavelet-HLL	glcm	JointEnergy	0.017701997
wavelet-HLL	glcm	Contrast	31.87395589
wavelet-HLL	glcm	DifferenceEntropy	3.417732259
wavelet-HLL	glcm	InverseVariance	0.305590393
wavelet-HLL	glcm	DifferenceVariance	17.94115573
wavelet-HLL	glcm	Idn	0.931986766
wavelet-HLL	glcm	Idm	0.325499232
wavelet-HLL	glcm	Correlation	0.25391641
wavelet-HLL	glcm	Autocorrelation	379.2054637
wavelet-HLL	glcm	SumEntropy	4.576207261
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wavelet-HLL	glcm	ClusterProminence	19712.47358
wavelet-HLL	glcm	Imc2	0.806340757
wavelet-HLL	glcm	Imc1	-0.137969816
wavelet-HLL	glcm	DifferenceAverage	3.673333438
wavelet-HLL	glcm	Id	0.397233907
wavelet-HLL	glcm	ClusterTendency	55.26470035
wavelet-HLL	firstorder	InterquartileRange	112.0859993
wavelet-HLL	firstorder	Skewness	0.376727976
wavelet-HLL	firstorder	Uniformity	0.085419132
wavelet-HLL	firstorder	Median	-13.99102253

wavelet-HLL	firstorder	Energy	27607821.43
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	51.56547838
wavelet-HLL	firstorder	MeanAbsoluteDeviation	89.91872723
wavelet-HLL	firstorder	TotalEnergy	745411178.5
wavelet-HLL	firstorder	Maximum	625.0693813
wavelet-HLL	firstorder	RootMeanSquared	133.0312799
wavelet-HLL	firstorder	90Percentile	99.81959096
wavelet-HLL	firstorder	Minimum	-492.6800339
wavelet-HLL	firstorder	Entropy	4.157716137
wavelet-HLL	firstorder	Range	1117.749415
wavelet-HLL	firstorder	Variance	16874.19827
wavelet-HLL	firstorder	10Percentile	-194.2132605
wavelet-HLL	firstorder	Kurtosis	5.583640095
wavelet-HLL	firstorder	Mean	-28.69012307
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.005289001
wavelet-HLL	grlm	GrayLevelVariance	30.08380823
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.005537469
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.072329331
wavelet-HLL	grlm	RunVariance	0.223766512
wavelet-HLL	grlm	GrayLevelNonUniformity	98.63250149
wavelet-HLL	grlm	LongRunEmphasis	1.541433747
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	366.3487337
wavelet-HLL	grlm	RunLengthNonUniformity	1090.230515
wavelet-HLL	grlm	ShortRunEmphasis	0.912687678
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	621.4758003
wavelet-HLL	grlm	RunPercentage	0.873224852
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.006994189
wavelet-HLL	grlm	RunEntropy	4.819090894
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	401.1948842
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.798730617
wavelet-HLL	glszm	GrayLevelVariance	53.87824564
wavelet-HLL	glszm	ZoneVariance	219.1755128
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041633106
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.470657634
wavelet-HLL	glszm	SizeZoneNonUniformity	257.4497258
wavelet-HLL	glszm	GrayLevelNonUniformity	22.77330896
wavelet-HLL	glszm	LargeAreaEmphasis	227.308958
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	317.7922346
wavelet-HLL	glszm	ZonePercentage	0.350641026
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.557478321
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	94976.91773
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	422.9817185
wavelet-HLL	glszm	SmallAreaEmphasis	0.711867514
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.00895444
wavelet-HLL	glszm	ZoneEntropy	6.232706688
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007625661
wavelet-HLL	ngtdm	Coarseness	0.005084697
wavelet-HLL	ngtdm	Complexity	2012.722431
wavelet-HLL	ngtdm	Strength	3.474908361
wavelet-HLL	ngtdm	Contrast	0.093924412
wavelet-HLL	ngtdm	Busyness	0.183941688
wavelet-LHL	gldm	GrayLevelVariance	71.41177515
wavelet-LHL	gldm	HighGrayLevelEmphasis	2076.384615

wavelet-LHL	gldm	DependenceEntropy	7.019898036
wavelet-LHL	gldm	DependenceNonUniformity	241.7038462
wavelet-LHL	gldm	GrayLevelNonUniformity	116.8820513
wavelet-LHL	gldm	SmallDependenceEmphasis	0.369016219
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	784.2871778
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.154938363
wavelet-LHL	gldm	LargeDependenceEmphasis	34.30897436
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01707193
wavelet-LHL	gldm	DependenceVariance	15.73066404
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	73613.7
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001072403
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001403424
wavelet-LHL	glcm	JointAverage	44.62960236
wavelet-LHL	glcm	SumAverage	89.25920472
wavelet-LHL	glcm	JointEntropy	7.797754849
wavelet-LHL	glcm	ClusterShade	-239.9997406
wavelet-LHL	glcm	MaximumProbability	0.071864428
wavelet-LHL	glcm	ldmn	0.985923755
wavelet-LHL	glcm	JointEnergy	0.018241445
wavelet-LHL	glcm	Contrast	107.6868339
wavelet-LHL	glcm	DifferenceEntropy	3.950227336
wavelet-LHL	glcm	InverseVariance	0.270662873
wavelet-LHL	glcm	DifferenceVariance	70.69605044
wavelet-LHL	glcm	ldn	0.93919489
wavelet-LHL	glcm	ldm	0.304929974
wavelet-LHL	glcm	Correlation	0.074645468
wavelet-LHL	glcm	Autocorrelation	1996.849867
wavelet-LHL	glcm	SumEntropy	4.975508533
wavelet-LHL	glcm	SumSquares	58.88554483
wavelet-LHL	glcm	ClusterProminence	148817.5124
wavelet-LHL	glcm	lmc2	0.91121181
wavelet-LHL	glcm	lmc1	-0.208364934
wavelet-LHL	glcm	DifferenceAverage	5.911109993
wavelet-LHL	glcm	ld	0.369899126
wavelet-LHL	glcm	ClusterTendency	127.8553454
wavelet-LHL	firstorder	InterquartileRange	141.3760054
wavelet-LHL	firstorder	Skewness	-0.044046876
wavelet-LHL	firstorder	Uniformity	0.074924392
wavelet-LHL	firstorder	Median	-18.10674896
wavelet-LHL	firstorder	Energy	72480705.75
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	70.04700663
wavelet-LHL	firstorder	MeanAbsoluteDeviation	136.4987654
wavelet-LHL	firstorder	TotalEnergy	1956979055
wavelet-LHL	firstorder	Maximum	865.1109577
wavelet-LHL	firstorder	RootMeanSquared	215.5504369
wavelet-LHL	firstorder	90Percentile	172.328833
wavelet-LHL	firstorder	Minimum	-1140.316517
wavelet-LHL	firstorder	Entropy	4.604892728
wavelet-LHL	firstorder	Range	2005.427475
wavelet-LHL	firstorder	Variance	44602.4491
wavelet-LHL	firstorder	10Percentile	-279.1956454
wavelet-LHL	firstorder	Kurtosis	7.100649987
wavelet-LHL	firstorder	Mean	-43.12240437



wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.001496812
wavelet-LHL	grlm	GrayLevelVariance	80.25634652
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.001539106
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.059076938
wavelet-LHL	grlm	RunVariance	0.234718237
wavelet-LHL	grlm	GrayLevelNonUniformity	80.57112611
wavelet-LHL	grlm	LongRunEmphasis	1.554340735
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1889.085307
wavelet-LHL	grlm	RunLengthNonUniformity	1093.317954
wavelet-LHL	grlm	ShortRunEmphasis	0.91386807
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	3248.911452
wavelet-LHL	grlm	RunPercentage	0.872682446
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.001805648
wavelet-LHL	grlm	RunEntropy	5.298002721
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	2070.413657
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.801493252
wavelet-LHL	glszm	GrayLevelVariance	142.8444286
wavelet-LHL	glszm	ZoneVariance	181.5590958
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027975555
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.557998101
wavelet-LHL	glszm	SizeZoneNonUniformity	354.8867925
wavelet-LHL	glszm	GrayLevelNonUniformity	17.79245283
wavelet-LHL	glszm	LargeAreaEmphasis	187.5754717
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1668.118944
wavelet-LHL	glszm	ZonePercentage	0.407692308
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.089443488
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	404450.4748
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2103.830189
wavelet-LHL	glszm	SmallAreaEmphasis	0.774937785
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002693653
wavelet-LHL	glszm	ZoneEntropy	6.607603101
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002555351
wavelet-LHL	ngtdm	Coarseness	0.004758659
wavelet-LHL	ngtdm	Complexity	9769.826308
wavelet-LHL	ngtdm	Strength	9.791493381
wavelet-LHL	ngtdm	Contrast	0.143600245
wavelet-LHL	ngtdm	Busyness	0.046314525
wavelet-LHH	gldm	GrayLevelVariance	14.65053254
wavelet-LHH	gldm	HighGrayLevelEmphasis	360.0384615
wavelet-LHH	gldm	DependenceEntropy	6.471910332
wavelet-LHH	gldm	DependenceNonUniformity	176.0833333
wavelet-LHH	gldm	GrayLevelNonUniformity	185.6076923
wavelet-LHH	gldm	SmallDependenceEmphasis	0.273553756
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	107.5011063
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.112873932
wavelet-LHH	gldm	LargeDependenceEmphasis	41.08717949
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.123299796
wavelet-LHH	gldm	DependenceVariance	16.1896384
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	14045.38205
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002031029
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.004292702
wavelet-LHH	glcm	JointAverage	18.60298723
wavelet-LHH	glcm	SumAverage	37.20597446

wavelet-LHH	glcm	JointEntropy	6.676994098
wavelet-LHH	glcm	ClusterShade	50.57566868
wavelet-LHH	glcm	MaximumProbability	0.082773692
wavelet-LHH	glcm	Idmn	0.984871929
wavelet-LHH	glcm	JointEnergy	0.028534923
wavelet-LHH	glcm	Contrast	24.29889777
wavelet-LHH	glcm	DifferenceEntropy	3.222115532
wavelet-LHH	glcm	InverseVariance	0.334545977
wavelet-LHH	glcm	DifferenceVariance	14.26870577
wavelet-LHH	glcm	Idn	0.930433012
wavelet-LHH	glcm	Idm	0.372392012
wavelet-LHH	glcm	Correlation	0.001789678
wavelet-LHH	glcm	Autocorrelation	346.0858283
wavelet-LHH	glcm	SumEntropy	4.049440045
wavelet-LHH	glcm	SumSquares	12.15773801
wavelet-LHH	glcm	ClusterProminence	4219.343346
wavelet-LHH	glcm	Imc2	0.713282636
wavelet-LHH	glcm	Imc1	-0.102655976
wavelet-LHH	glcm	DifferenceAverage	3.13870146
wavelet-LHH	glcm	Id	0.437321589
wavelet-LHH	glcm	ClusterTendency	24.33205426
wavelet-LHH	firstorder	InterquartileRange	65.23686869
wavelet-LHH	firstorder	Skewness	0.291832201
wavelet-LHH	firstorder	Uniformity	0.11897929
wavelet-LHH	firstorder	Median	-1.145016912
wavelet-LHH	firstorder	Energy	14084699.43
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	32.15900854
wavelet-LHH	firstorder	MeanAbsoluteDeviation	62.1071751
wavelet-LHH	firstorder	TotalEnergy	380286884.6
wavelet-LHH	firstorder	Maximum	497.334314
wavelet-LHH	firstorder	RootMeanSquared	95.0192269
wavelet-LHH	firstorder	90Percentile	113.9256565
wavelet-LHH	firstorder	Minimum	-438.9260571
wavelet-LHH	firstorder	Entropy	3.708443391
wavelet-LHH	firstorder	Range	936.2603711
wavelet-LHH	firstorder	Variance	9023.948861
wavelet-LHH	firstorder	10Percentile	-100.9693565
wavelet-LHH	firstorder	Kurtosis	6.2792272
wavelet-LHH	firstorder	Mean	2.169013456
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004205165
wavelet-LHH	glrlm	GrayLevelVariance	16.89808519
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.0045272
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.098323146
wavelet-LHH	glrlm	RunVariance	0.281220861
wavelet-LHH	glrlm	GrayLevelNonUniformity	129.9210916
wavelet-LHH	glrlm	LongRunEmphasis	1.680155039
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	326.6416909
wavelet-LHH	glrlm	RunLengthNonUniformity	1003.446989
wavelet-LHH	glrlm	ShortRunEmphasis	0.893409082
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	595.9474985
wavelet-LHH	glrlm	RunPercentage	0.846548323
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.006564612
wavelet-LHH	glrlm	RunEntropy	4.50206685

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	363.2164894
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.759170182
wavelet-LHH	glszm	GrayLevelVariance	37.1325145
wavelet-LHH	glszm	ZoneVariance	438.863595
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050039884
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.497613927
wavelet-LHH	glszm	SizeZoneNonUniformity	230.3952484
wavelet-LHH	glszm	GrayLevelNonUniformity	23.16846652
wavelet-LHH	glszm	LargeAreaEmphasis	450.2159827
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	294.8489888
wavelet-LHH	glszm	ZonePercentage	0.296794872
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	1.325131303
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	154292.6479
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	395.2656587
wavelet-LHH	glszm	SmallAreaEmphasis	0.733003638
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007142829
wavelet-LHH	glszm	ZoneEntropy	5.916600497
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.006227176
wavelet-LHH	ngtdm	Coarseness	0.005176709
wavelet-LHH	ngtdm	Complexity	1307.504155
wavelet-LHH	ngtdm	Strength	2.090368357
wavelet-LHH	ngtdm	Contrast	0.063940407
wavelet-LHH	ngtdm	Busyness	0.207452008
wavelet-LLH	gldm	GrayLevelVariance	47.34789571
wavelet-LLH	gldm	HighGrayLevelEmphasis	827.7980769
wavelet-LLH	gldm	DependenceEntropy	6.759992109
wavelet-LLH	gldm	DependenceNonUniformity	233.1371795
wavelet-LLH	gldm	GrayLevelNonUniformity	128.9512821
wavelet-LLH	gldm	SmallDependenceEmphasis	0.355665329
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	294.0554802
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.14944691
wavelet-LLH	gldm	LargeDependenceEmphasis	32.78461538
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.045016703
wavelet-LLH	gldm	DependenceVariance	14.47060487
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	28347.375
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002074601
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.003899839
wavelet-LLH	glcm	JointAverage	27.81990233
wavelet-LLH	glcm	SumAverage	55.63980466
wavelet-LLH	glcm	JointEntropy	7.515474922
wavelet-LLH	glcm	ClusterShade	-248.8761415
wavelet-LLH	glcm	MaximumProbability	0.071949621
wavelet-LLH	glcm	ldmn	0.984009592
wavelet-LLH	glcm	JointEnergy	0.019490261
wavelet-LLH	glcm	Contrast	68.19205682
wavelet-LLH	glcm	DifferenceEntropy	3.7181483
wavelet-LLH	glcm	InverseVariance	0.289261788
wavelet-LLH	glcm	DifferenceVariance	43.91714553
wavelet-LLH	glcm	ldn	0.933535944
wavelet-LLH	glcm	ldm	0.315252687
wavelet-LLH	glcm	Correlation	0.13215173
wavelet-LLH	glcm	Autocorrelation	779.4970662
wavelet-LLH	glcm	SumEntropy	4.734260396

wavelet-LLH	glcm	SumSquares	39.64205291
wavelet-LLH	glcm	ClusterProminence	68960.27045
wavelet-LLH	glcm	Imc2	0.877478022
wavelet-LLH	glcm	Imc1	-0.181795398
wavelet-LLH	glcm	DifferenceAverage	4.81938896
wavelet-LLH	glcm	Id	0.383234491
wavelet-LLH	glcm	ClusterTendency	90.37615483
wavelet-LLH	firstorder	InterquartileRange	126.4191326
wavelet-LLH	firstorder	Skewness	0.189329597
wavelet-LLH	firstorder	Uniformity	0.082661078
wavelet-LLH	firstorder	Median	-13.87973129
wavelet-LLH	firstorder	Energy	48380551.1
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	59.23915367
wavelet-LLH	firstorder	MeanAbsoluteDeviation	112.7614904
wavelet-LLH	firstorder	TotalEnergy	1306274880
wavelet-LLH	firstorder	Maximum	760.5108795
wavelet-LLH	firstorder	RootMeanSquared	176.1055757
wavelet-LLH	firstorder	90Percentile	105.7211919
wavelet-LLH	firstorder	Minimum	-710.8886107
wavelet-LLH	firstorder	Entropy	4.377741486
wavelet-LLH	firstorder	Range	1471.39949
wavelet-LLH	firstorder	Variance	29474.67468
wavelet-LLH	firstorder	10Percentile	-246.6517947
wavelet-LLH	firstorder	Kurtosis	6.704161104
wavelet-LLH	firstorder	Mean	-39.22370583
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.004084259
wavelet-LLH	grlm	GrayLevelVariance	53.12025757
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.004233119
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.067002717
wavelet-LLH	grlm	RunVariance	0.229382874
wavelet-LLH	grlm	GrayLevelNonUniformity	91.48494701
wavelet-LLH	grlm	LongRunEmphasis	1.543949702
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	751.6650741
wavelet-LLH	grlm	RunLengthNonUniformity	1096.056868
wavelet-LLH	grlm	ShortRunEmphasis	0.914611742
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	1290.432468
wavelet-LLH	grlm	RunPercentage	0.873865878
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.005061557
wavelet-LLH	grlm	RunEntropy	5.056995142
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	824.0650398
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.802785832
wavelet-LLH	glszm	GrayLevelVariance	97.60255404
wavelet-LLH	glszm	ZoneVariance	213.3358324
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.033822461
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.549190482
wavelet-LLH	glszm	SizeZoneNonUniformity	336.1045752
wavelet-LLH	glszm	GrayLevelNonUniformity	20.69934641
wavelet-LLH	glszm	LargeAreaEmphasis	219.8333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	639.431114
wavelet-LLH	glszm	ZonePercentage	0.392307692
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.263454629
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	191382.2533
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	823.3415033

wavelet-LLH	glszm	SmallAreaEmphasis	0.76887105
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.006280526
wavelet-LLH	glszm	ZoneEntropy	6.345265336
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004672896
wavelet-LLH	ngtdm	Coarseness	0.004946856
wavelet-LLH	ngtdm	Complexity	5185.293311
wavelet-LLH	ngtdm	Strength	6.426797064
wavelet-LLH	ngtdm	Contrast	0.111372395
wavelet-LLH	ngtdm	Busyness	0.085610184
wavelet-LLL	gldm	GrayLevelVariance	318.1333185
wavelet-LLL	gldm	HighGrayLevelEmphasis	5473.925641
wavelet-LLL	gldm	DependenceEntropy	7.37156663
wavelet-LLL	gldm	DependenceNonUniformity	319.8576923
wavelet-LLL	gldm	GrayLevelNonUniformity	76.78717949
wavelet-LLL	gldm	SmallDependenceEmphasis	0.456964486
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1867.398705
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.205036982
wavelet-LLL	gldm	LargeDependenceEmphasis	32.87692308
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005685814
wavelet-LLL	gldm	DependenceVariance	17.38563445
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	225937.5256
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000930327
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001023449
wavelet-LLL	glcm	JointAverage	75.51655221
wavelet-LLL	glcm	SumAverage	151.0331044
wavelet-LLL	glcm	JointEntropy	8.51114073
wavelet-LLL	glcm	ClusterShade	-30394.88069
wavelet-LLL	glcm	MaximumProbability	0.054870717
wavelet-LLL	glcm	ldmn	0.975438097
wavelet-LLL	glcm	JointEnergy	0.010239365
wavelet-LLL	glcm	Contrast	238.7726286
wavelet-LLL	glcm	DifferenceEntropy	4.514295496
wavelet-LLL	glcm	InverseVariance	0.234631677
wavelet-LLL	glcm	DifferenceVariance	147.5303063
wavelet-LLL	glcm	ldn	0.917948351
wavelet-LLL	glcm	ldm	0.267522905
wavelet-LLL	glcm	Correlation	0.47349193
wavelet-LLL	glcm	Autocorrelation	5813.413985
wavelet-LLL	glcm	SumEntropy	5.718151463
wavelet-LLL	glcm	SumSquares	229.7655401
wavelet-LLL	glcm	ClusterProminence	2606603.667
wavelet-LLL	glcm	lmc2	0.955278802
wavelet-LLL	glcm	lmc1	-0.25304197
wavelet-LLL	glcm	DifferenceAverage	9.46650129
wavelet-LLL	glcm	ld	0.326508608
wavelet-LLL	glcm	ClusterTendency	680.2895317
wavelet-LLL	firstorder	InterquartileRange	532.5959534
wavelet-LLL	firstorder	Skewness	-1.38801348
wavelet-LLL	firstorder	Uniformity	0.049222551
wavelet-LLL	firstorder	Median	28.44768187
wavelet-LLL	firstorder	Energy	383650063.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	246.8129347
wavelet-LLL	firstorder	MeanAbsoluteDeviation	360.2892989

wavelet-LLL	firstorder	TotalEnergy	10358551706
wavelet-LLL	firstorder	Maximum	287.5620251
wavelet-LLL	firstorder	RootMeanSquared	495.9128227
wavelet-LLL	firstorder	90Percentile	133.5976414
wavelet-LLL	firstorder	Minimum	-1982.71608
wavelet-LLL	firstorder	Entropy	5.26545276
wavelet-LLL	firstorder	Range	2270.278105
wavelet-LLL	firstorder	Variance	198653.2949
wavelet-LLL	firstorder	10Percentile	-920.013276
wavelet-LLL	firstorder	Kurtosis	4.055005376
wavelet-LLL	firstorder	Mean	-217.4309839
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.001123782
wavelet-LLL	grlm	GrayLevelVariance	338.0853458
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.001134924
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.038164064
wavelet-LLL	grlm	RunVariance	0.212391228
wavelet-LLL	grlm	GrayLevelNonUniformity	52.84930632
wavelet-LLL	grlm	LongRunEmphasis	1.484831004
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	4795.405468
wavelet-LLL	grlm	RunLengthNonUniformity	1149.192558
wavelet-LLL	grlm	ShortRunEmphasis	0.927240061
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	8634.163637
wavelet-LLL	grlm	RunPercentage	0.887080868
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.001207488
wavelet-LLL	grlm	RunEntropy	5.889207577
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	5294.567051
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.830000372
wavelet-LLL	glszm	GrayLevelVariance	367.4655464
wavelet-LLL	glszm	ZoneVariance	111.1821082
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016643475
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.68799437
wavelet-LLL	glszm	SizeZoneNonUniformity	518.059761
wavelet-LLL	glszm	GrayLevelNonUniformity	12.53253652
wavelet-LLL	glszm	LargeAreaEmphasis	115.4741036
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3291.48072
wavelet-LLL	glszm	ZonePercentage	0.482692308
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018406341
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	803191.8911
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4108.095618
wavelet-LLL	glszm	SmallAreaEmphasis	0.854433068
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001944818
wavelet-LLL	glszm	ZoneEntropy	6.746510522
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001908641
wavelet-LLL	ngtdm	Coarseness	0.003775183
wavelet-LLL	ngtdm	Complexity	21214.93854
wavelet-LLL	ngtdm	Strength	18.20133283
wavelet-LLL	ngtdm	Contrast	0.730666955
wavelet-LLL	ngtdm	Busyness	0.031949737
wavelet-HHL	gldm	GrayLevelVariance	16.52504767
wavelet-HHL	gldm	HighGrayLevelEmphasis	362.1512821
wavelet-HHL	gldm	DependenceEntropy	6.494918651
wavelet-HHL	gldm	DependenceNonUniformity	191.8025641
wavelet-HHL	gldm	GrayLevelNonUniformity	179.4512821

wavelet-HHL	gldm	SmallDependenceEmphasis	0.309086546
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	122.3753919
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.122950362
wavelet-HHL	gldm	LargeDependenceEmphasis	42.96538462
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.131193036
wavelet-HHL	gldm	DependenceVariance	18.208381
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	14553.34872
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002076062
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.004501203
wavelet-HHL	glcm	JointAverage	18.56014163
wavelet-HHL	glcm	SumAverage	37.12028326
wavelet-HHL	glcm	JointEntropy	6.813079295
wavelet-HHL	glcm	ClusterShade	79.04741104
wavelet-HHL	glcm	MaximumProbability	0.090787659
wavelet-HHL	glcm	Idmn	0.981790069
wavelet-HHL	glcm	JointEnergy	0.028154299
wavelet-HHL	glcm	Contrast	30.18009483
wavelet-HHL	glcm	DifferenceEntropy	3.319878311
wavelet-HHL	glcm	InverseVariance	0.328220004
wavelet-HHL	glcm	DifferenceVariance	18.16509793
wavelet-HHL	glcm	Idn	0.925642124
wavelet-HHL	glcm	Idm	0.367295005
wavelet-HHL	glcm	Correlation	-0.005660231
wavelet-HHL	glcm	Autocorrelation	344.4514932
wavelet-HHL	glcm	SumEntropy	4.129889578
wavelet-HHL	glcm	SumSquares	15.05303303
wavelet-HHL	glcm	ClusterProminence	7390.626174
wavelet-HHL	glcm	Imc2	0.776646718
wavelet-HHL	glcm	Imc1	-0.129659078
wavelet-HHL	glcm	DifferenceAverage	3.420681888
wavelet-HHL	glcm	Id	0.431139821
wavelet-HHL	glcm	ClusterTendency	30.03203731
wavelet-HHL	firstorder	InterquartileRange	69.45626503
wavelet-HHL	firstorder	Skewness	0.409487998
wavelet-HHL	firstorder	Uniformity	0.115032873
wavelet-HHL	firstorder	Median	-3.246495512
wavelet-HHL	firstorder	Energy	16021420.73
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	34.26924892
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wavelet-HHL	firstorder	TotalEnergy	432578359.6
wavelet-HHL	firstorder	Maximum	497.4081311
wavelet-HHL	firstorder	RootMeanSquared	101.3417066
wavelet-HHL	firstorder	90Percentile	117.5021243
wavelet-HHL	firstorder	Minimum	-434.5399767
wavelet-HHL	firstorder	Entropy	3.775584691
wavelet-HHL	firstorder	Range	931.9481077
wavelet-HHL	firstorder	Variance	10265.06791
wavelet-HHL	firstorder	10Percentile	-102.2315376
wavelet-HHL	firstorder	Kurtosis	6.46530853
wavelet-HHL	firstorder	Mean	2.252459961
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004426479
wavelet-HHL	glrlm	GrayLevelVariance	19.04207309
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.004752091

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.093599484
wavelet-HHL	grlm	RunVariance	0.297785526
wavelet-HHL	grlm	GrayLevelNonUniformity	123.7950439
wavelet-HHL	grlm	LongRunEmphasis	1.696221137
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	331.0838079
wavelet-HHL	grlm	RunLengthNonUniformity	1016.182821
wavelet-HHL	grlm	ShortRunEmphasis	0.897243967
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	602.4361458
wavelet-HHL	grlm	RunPercentage	0.84709073
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.006905283
wavelet-HHL	grlm	RunEntropy	4.560627132
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	366.133092
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.767927619
wavelet-HHL	glszm	GrayLevelVariance	37.38938137
wavelet-HHL	glszm	ZoneVariance	390.3723145
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.050137019
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.561931293
wavelet-HHL	glszm	SizeZoneNonUniformity	288.8326848
wavelet-HHL	glszm	GrayLevelNonUniformity	25.77042802
wavelet-HHL	glszm	LargeAreaEmphasis	399.5836576
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	313.8661294
wavelet-HHL	glszm	ZonePercentage	0.329487179
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.199416057
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	134589.677
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	396.8385214
wavelet-HHL	glszm	SmallAreaEmphasis	0.777532005
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.006828665
wavelet-HHL	glszm	ZoneEntropy	5.743893979
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005646326
wavelet-HHL	ngtdm	Coarseness	0.00515045
wavelet-HHL	ngtdm	Complexity	1514.41236
wavelet-HHL	ngtdm	Strength	2.306194482
wavelet-HHL	ngtdm	Contrast	0.0677163
wavelet-HHL	ngtdm	Busyness	0.196985813
wavelet-HLH	gldm	GrayLevelVariance	7.643684665
wavelet-HLH	gldm	HighGrayLevelEmphasis	250.8237179
wavelet-HLH	gldm	DependenceEntropy	6.210700927
wavelet-HLH	gldm	DependenceNonUniformity	154.3012821
wavelet-HLH	gldm	GrayLevelNonUniformity	232.9653846
wavelet-HLH	gldm	SmallDependenceEmphasis	0.241759472
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	67.40089711
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.098911078
wavelet-HLH	gldm	LargeDependenceEmphasis	49.53589744
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.212342166
wavelet-HLH	gldm	DependenceVariance	18.69069034
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	11761.35705
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001976496
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.005332952
wavelet-HLH	glcm	JointAverage	15.56731421
wavelet-HLH	glcm	SumAverage	31.13462842
wavelet-HLH	glcm	JointEntropy	6.026275423
wavelet-HLH	glcm	ClusterShade	10.41040576
wavelet-HLH	glcm	MaximumProbability	0.107757104



wavelet-HLH	glcm	Idmn	0.985535115
wavelet-HLH	glcm	JointEnergy	0.039575016
wavelet-HLH	glcm	Contrast	12.47212627
wavelet-HLH	glcm	DifferenceEntropy	2.859167749
wavelet-HLH	glcm	InverseVariance	0.372421972
wavelet-HLH	glcm	DifferenceVariance	6.95863739
wavelet-HLH	glcm	Idn	0.929200681
wavelet-HLH	glcm	Idm	0.417589941
wavelet-HLH	glcm	Correlation	0.030972668
wavelet-HLH	glcm	Autocorrelation	242.5747006
wavelet-HLH	glcm	SumEntropy	3.669822071
wavelet-HLH	glcm	SumSquares	6.468935444
wavelet-HLH	glcm	ClusterProminence	1345.468446
wavelet-HLH	glcm	Imc2	0.622659651
wavelet-HLH	glcm	Imc1	-0.079619479
wavelet-HLH	glcm	DifferenceAverage	2.332796743
wavelet-HLH	glcm	Id	0.478245122
wavelet-HLH	glcm	ClusterTendency	13.4036155
wavelet-HLH	firstorder	InterquartileRange	52.80007109
wavelet-HLH	firstorder	Skewness	0.196058232
wavelet-HLH	firstorder	Uniformity	0.149336785
wavelet-HLH	firstorder	Median	-1.903565953
wavelet-HLH	firstorder	Energy	7337806.601
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	24.93177126
wavelet-HLH	firstorder	MeanAbsoluteDeviation	45.99993184
wavelet-HLH	firstorder	TotalEnergy	198120778.2
wavelet-HLH	firstorder	Maximum	322.9496765
wavelet-HLH	firstorder	RootMeanSquared	68.58368742
wavelet-HLH	firstorder	90Percentile	82.34788505
wavelet-HLH	firstorder	Minimum	-364.654756
wavelet-HLH	firstorder	Entropy	3.304112565
wavelet-HLH	firstorder	Range	687.6044325
wavelet-HLH	firstorder	Variance	4698.663285
wavelet-HLH	firstorder	10Percentile	-70.77733956
wavelet-HLH	firstorder	Kurtosis	6.291376643
wavelet-HLH	firstorder	Mean	2.249198771
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.00502749
wavelet-HLH	grlm	GrayLevelVariance	9.001903735
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.005554684
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.123370216
wavelet-HLH	grlm	RunVariance	0.335653352
wavelet-HLH	grlm	GrayLevelNonUniformity	158.8700964
wavelet-HLH	grlm	LongRunEmphasis	1.810404602
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	224.1434226
wavelet-HLH	grlm	RunLengthNonUniformity	938.6623546
wavelet-HLH	grlm	ShortRunEmphasis	0.877558046
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	446.3074246
wavelet-HLH	grlm	RunPercentage	0.824852071
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.009030441
wavelet-HLH	grlm	RunEntropy	4.178239971
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	253.4457747
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.728693573
wavelet-HLH	glszm	GrayLevelVariance	21.249272

wavelet-HLH	glszm	ZoneVariance	659.2116043
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.066987794
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.485209542
wavelet-HLH	glszm	SizeZoneNonUniformity	196.9950739
wavelet-HLH	glszm	GrayLevelNonUniformity	27.19704433
wavelet-HLH	glszm	LargeAreaEmphasis	673.9753695
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	208.5883388
wavelet-HLH	glszm	ZonePercentage	0.26025641
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	2.872562379
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	159374.5837
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	279.3817734
wavelet-HLH	glszm	SmallAreaEmphasis	0.723813769
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.008008397
wavelet-HLH	glszm	ZoneEntropy	5.528099042
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.006632251
wavelet-HLH	ngtdm	Coarseness	0.00489545
wavelet-HLH	ngtdm	Complexity	571.9427779
wavelet-HLH	ngtdm	Strength	1.297267944
wavelet-HLH	ngtdm	Contrast	0.040505546
wavelet-HLH	ngtdm	Busyness	0.33563141

Image type	Feature Class	Feature Name	
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	b3b
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general	info	MaskHash	f253477dcbe624fe3b9d49c5619bb3915fc17e1f
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	32
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original	shape	Maximum2DDiameterSlice	9.486832981
original	shape	Sphericity	0.913337401
original	shape	MinorAxis	9.632286105
original	shape	Elongation	0.669321641
original	shape	SurfaceVolumeRatio	0.555923417
original	shape	Volume	864
original	shape	MajorAxis	14.39111709
original	shape	SurfaceArea	480.317832
original	shape	Flatness	0.635340475
original	shape	LeastAxis	9.143259173
original	shape	Maximum2DDiameterColumn	12.36931688
original	shape	Maximum2DDiameterRow	13.41640786
original	gldm	GrayLevelVariance	76.27734375
original	gldm	HighGrayLevelEmphasis	253.5
original	gldm	DependenceEntropy	4.5
original	gldm	DependenceNonUniformity	18.75
original	gldm	GrayLevelNonUniformity	1.875
original	gldm	SmallDependenceEmphasis	0.792100694
original	gldm	SmallDependenceHighGrayLevelEmphasis	236.8246528
original	gldm	DependenceNonUniformityNormalized	0.5859375
original	gldm	LargeDependenceEmphasis	2.8125
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.43681062
original	gldm	DependenceVariance	0.74609375
original	gldm	LargeDependenceHighGrayLevelEmphasis	324.125

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.045919643
original	gldm	LowGrayLevelEmphasis	0.0750527
original	glcm	JointAverage	15.49350265
original	glcm	SumAverage	30.9870053
original	glcm	JointEntropy	4.738198746
original	glcm	ClusterShade	-357.7354914
original	glcm	MaximumProbability	0.053665259
original	glcm	Idmn	0.872763768
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original	glcm	Contrast	132.2752518
original	glcm	DifferenceEntropy	3.1928689
original	glcm	InverseVariance	0.107443987
original	glcm	DifferenceVariance	32.45651726
original	glcm	Idn	0.763571372
original	glcm	Idm	0.10132534
original	glcm	Correlation	0.073929158
original	glcm	Autocorrelation	246.8444883
original	glcm	SumEntropy	3.511248105
original	glcm	SumSquares	71.94865373
original	glcm	ClusterProminence	54061.88274
original	glcm	Imc2	0.999293788
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original	glcm	ClusterTendency	155.5193631
original	firstorder	InterquartileRange	405
original	firstorder	Skewness	0.135820173
original	firstorder	Uniformity	0.05859375
original	firstorder	Median	-313.5
original	firstorder	Energy	5021417
original	firstorder	RobustMeanAbsoluteDeviation	151.8298611
original	firstorder	MeanAbsoluteDeviation	191.3808594
original	firstorder	TotalEnergy	135578259
original	firstorder	Maximum	38
original	firstorder	RootMeanSquared	396.1303842
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original	firstorder	Minimum	-631
original	firstorder	Entropy	4.288909766
original	firstorder	Range	669
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.071164753
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original	glrlm	LowGrayLevelRunEmphasis	0.073187705
original	glrlm	GrayLevelNonUniformityNormalized	0.057268199
original	glrlm	RunVariance	0.021851583
original	glrlm	GrayLevelNonUniformity	1.803544537
original	glrlm	LongRunEmphasis	1.059273837
original	glrlm	ShortRunHighGrayLevelEmphasis	256.3862684
original	glrlm	RunLengthNonUniformity	30.60126066
original	glrlm	ShortRunEmphasis	0.988030544

original	glrlm	LongRunHighGrayLevelEmphasis	260.0333105
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original	glrlm	RunEntropy	4.335064188
original	glrlm	HighGrayLevelRunEmphasis	257.10656
original	glrlm	RunLengthNonUniformityNormalized	0.971168628
original	glszm	GrayLevelVariance	74.24142661
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original	glszm	GrayLevelNonUniformityNormalized	0.050754458
original	glszm	SizeZoneNonUniformityNormalized	0.796982167
original	glszm	SizeZoneNonUniformity	21.51851852
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original	glszm	HighGrayLevelZoneEmphasis	287.1851852
original	glszm	SmallAreaEmphasis	0.909722222
original	glszm	LowGrayLevelZoneEmphasis	0.06070287
original	glszm	ZoneEntropy	4.458591206
original	glszm	SmallAreaLowGrayLevelEmphasis	0.051669289
original	ngtdm	Coarseness	0.078849691
original	ngtdm	Complexity	1886.149926
original	ngtdm	Strength	30.8638441
original	ngtdm	Contrast	2.300234031
original	ngtdm	Busyness	0.062590292
wavelet-HHH	gldm	GrayLevelVariance	12.43359375
wavelet-HHH	gldm	HighGrayLevelEmphasis	94.5625
wavelet-HHH	gldm	DependenceEntropy	4.116729297
wavelet-HHH	gldm	DependenceNonUniformity	8.625
wavelet-HHH	gldm	GrayLevelNonUniformity	3.3125
wavelet-HHH	gldm	SmallDependenceEmphasis	0.439453125
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	40.78450521
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.26953125
wavelet-HHH	gldm	LargeDependenceEmphasis	6.25
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.133291843
wavelet-HHH	gldm	DependenceVariance	1.1875
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	538.75
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040873938
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.049165777
wavelet-HHH	glcm	JointAverage	9.226608774
wavelet-HHH	glcm	SumAverage	18.45321755
wavelet-HHH	glcm	JointEntropy	4.528537653
wavelet-HHH	glcm	ClusterShade	7.173350467
wavelet-HHH	glcm	MaximumProbability	0.072125271
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wavelet-HHH	glcm	JointEnergy	0.046198111
wavelet-HHH	glcm	Contrast	25.86200468
wavelet-HHH	glcm	DifferenceEntropy	2.927607035
wavelet-HHH	glcm	InverseVariance	0.206865831
wavelet-HHH	glcm	DifferenceVariance	9.157461984
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wavelet-HHH	glcm	Idm	0.237134414
wavelet-HHH	glcm	Correlation	-0.031265245
wavelet-HHH	glcm	Autocorrelation	84.84033945
wavelet-HHH	glcm	SumEntropy	3.206627455
wavelet-HHH	glcm	SumSquares	12.59917994
wavelet-HHH	glcm	ClusterProminence	1650.50287
wavelet-HHH	glcm	Imc2	0.985891403
wavelet-HHH	glcm	Imc1	-0.586144575
wavelet-HHH	glcm	DifferenceAverage	4.035033405
wavelet-HHH	glcm	Id	0.327570349
wavelet-HHH	glcm	ClusterTendency	24.53471506
wavelet-HHH	firstorder	InterquartileRange	103.7042474
wavelet-HHH	firstorder	Skewness	0.088361632
wavelet-HHH	firstorder	Uniformity	0.103515625
wavelet-HHH	firstorder	Median	-18.89827154
wavelet-HHH	firstorder	Energy	240856.7696
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	42.22096793
wavelet-HHH	firstorder	MeanAbsoluteDeviation	67.39634242
wavelet-HHH	firstorder	TotalEnergy	6503132.78
wavelet-HHH	firstorder	Maximum	162.6377955
wavelet-HHH	firstorder	RootMeanSquared	86.75698272
wavelet-HHH	firstorder	90Percentile	104.0425811
wavelet-HHH	firstorder	Minimum	-208.5494952
wavelet-HHH	firstorder	Entropy	3.453626767
wavelet-HHH	firstorder	Range	371.1872907
wavelet-HHH	firstorder	Variance	7397.272367
wavelet-HHH	firstorder	10Percentile	-96.5492181
wavelet-HHH	firstorder	Kurtosis	2.775294486
wavelet-HHH	firstorder	Mean	-11.37988063
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.050279843
wavelet-HHH	glrlm	GrayLevelVariance	12.67483289
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.050879827
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.102242848
wavelet-HHH	glrlm	RunVariance	0.047859036
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.114372451
wavelet-HHH	glrlm	LongRunEmphasis	1.153401215
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	91.47687423
wavelet-HHH	glrlm	RunLengthNonUniformity	27.58025156
wavelet-HHH	glrlm	ShortRunEmphasis	0.961649696
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	108.4503597
wavelet-HHH	glrlm	RunPercentage	0.951923077
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.053279765
wavelet-HHH	glrlm	RunEntropy	3.600848978
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	94.87157133
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.904281927
wavelet-HHH	glszm	GrayLevelVariance	15.7191358
wavelet-HHH	glszm	ZoneVariance	1.395061728
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.092592593
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.419753086
wavelet-HHH	glszm	SizeZoneNonUniformity	7.555555556
wavelet-HHH	glszm	GrayLevelNonUniformity	1.666666667
wavelet-HHH	glszm	LargeAreaEmphasis	4.555555556
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	61.14604938

wavelet-HHH	glszm	ZonePercentage	0.5625
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.130635197
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	404.7777778
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	95.72222222
wavelet-HHH	glszm	SmallAreaEmphasis	0.670817901
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.075732782
wavelet-HHH	glszm	ZoneEntropy	3.947702779
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.071134009
wavelet-HHH	ngtdm	Coarseness	0.121609558
wavelet-HHH	ngtdm	Complexity	220.5302312
wavelet-HHH	ngtdm	Strength	8.223009806
wavelet-HHH	ngtdm	Contrast	0.490764702
wavelet-HHH	ngtdm	Busyness	0.094653673
wavelet-HLL	gldm	GrayLevelVariance	112.5693359
wavelet-HLL	gldm	HighGrayLevelEmphasis	506.34375
wavelet-HLL	gldm	DependenceEntropy	4.4375
wavelet-HLL	gldm	DependenceNonUniformity	14.75
wavelet-HLL	gldm	GrayLevelNonUniformity	1.8125
wavelet-HLL	gldm	SmallDependenceEmphasis	0.663194444
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	312.7621528
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.4609375
wavelet-HLL	gldm	LargeDependenceEmphasis	2.625
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.052808157
wavelet-HLL	gldm	DependenceVariance	0.375
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1476.78125
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.046080306
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.04729334
wavelet-HLL	glcm	JointAverage	18.7186059
wavelet-HLL	glcm	SumAverage	37.4372118
wavelet-HLL	glcm	JointEntropy	4.745115199
wavelet-HLL	glcm	ClusterShade	-73.57752378
wavelet-HLL	glcm	MaximumProbability	0.054428385
wavelet-HLL	glcm	Idmn	0.899814021
wavelet-HLL	glcm	JointEnergy	0.038570209
wavelet-HLL	glcm	Contrast	159.4720358
wavelet-HLL	glcm	DifferenceEntropy	3.28758282
wavelet-HLL	glcm	InverseVariance	0.095807573
wavelet-HLL	glcm	DifferenceVariance	38.46081538
wavelet-HLL	glcm	Idn	0.794257424
wavelet-HLL	glcm	Idm	0.101634041
wavelet-HLL	glcm	Correlation	0.36015257
wavelet-HLL	glcm	Autocorrelation	393.6249232
wavelet-HLL	glcm	SumEntropy	3.6882137
wavelet-HLL	glcm	SumSquares	121.7150672
wavelet-HLL	glcm	ClusterProminence	192358.7255
wavelet-HLL	glcm	Imc2	0.999348142
wavelet-HLL	glcm	Imc1	-0.831251934
wavelet-HLL	glcm	DifferenceAverage	10.20385499
wavelet-HLL	glcm	Id	0.179978155
wavelet-HLL	glcm	ClusterTendency	327.3882328
wavelet-HLL	firstorder	InterquartileRange	451.4195899
wavelet-HLL	firstorder	Skewness	-0.15986952
wavelet-HLL	firstorder	Uniformity	0.056640625

wavelet-HLL	firstorder	Median	-91.38447023
wavelet-HLL	firstorder	Energy	2372651.438
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	182.5941386
wavelet-HLL	firstorder	MeanAbsoluteDeviation	233.8445821
wavelet-HLL	firstorder	TotalEnergy	64061588.83
wavelet-HLL	firstorder	Maximum	301.3598046
wavelet-HLL	firstorder	RootMeanSquared	272.2964514
wavelet-HLL	firstorder	90Percentile	274.4799947
wavelet-HLL	firstorder	Minimum	-525.8152647
wavelet-HLL	firstorder	Entropy	4.265319531
wavelet-HLL	firstorder	Range	827.1750692
wavelet-HLL	firstorder	Variance	69741.98692
wavelet-HLL	firstorder	10Percentile	-432.25742
wavelet-HLL	firstorder	Kurtosis	1.712197392
wavelet-HLL	firstorder	Mean	-66.35789714
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.048118357
wavelet-HLL	glrlm	GrayLevelVariance	113.1018274
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.048170485
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.056349855
wavelet-HLL	glrlm	RunVariance	0.019194393
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.768713813
wavelet-HLL	glrlm	LongRunEmphasis	1.060049628
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	495.9274297
wavelet-HLL	glrlm	RunLengthNonUniformity	30.20413565
wavelet-HLL	glrlm	ShortRunEmphasis	0.984987593
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	539.9665116
wavelet-HLL	glrlm	RunPercentage	0.980769231
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.048378996
wavelet-HLL	glrlm	RunEntropy	4.289916089
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	504.7352461
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.961611213
wavelet-HLL	glszm	GrayLevelVariance	121.2430556
wavelet-HLL	glszm	ZoneVariance	0.388888889
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.052083333
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.597222222
wavelet-HLL	glszm	SizeZoneNonUniformity	14.33333333
wavelet-HLL	glszm	GrayLevelNonUniformity	1.25
wavelet-HLL	glszm	LargeAreaEmphasis	2.166666667
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	368.005787
wavelet-HLL	glszm	ZonePercentage	0.75
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.065773889
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1184.875
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	479.0833333
wavelet-HLL	glszm	SmallAreaEmphasis	0.800925926
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.06189854
wavelet-HLL	glszm	ZoneEntropy	4.334962501
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.061150596
wavelet-HLL	ngtdm	Coarseness	0.090624792
wavelet-HLL	ngtdm	Complexity	1891.872977
wavelet-HLL	ngtdm	Strength	47.99528865
wavelet-HLL	ngtdm	Contrast	3.529720217
wavelet-HLL	ngtdm	Busyness	0.02962284
wavelet-LHL	gldm	GrayLevelVariance	76.37109375



wavelet-LHL	gldm	HighGrayLevelEmphasis	334.375
wavelet-LHL	gldm	DependenceEntropy	4.476409766
wavelet-LHL	gldm	DependenceNonUniformity	12.8125
wavelet-LHL	gldm	GrayLevelNonUniformity	2.125
wavelet-LHL	gldm	SmallDependenceEmphasis	0.639973958
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	225.7664931
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.400390625
wavelet-LHL	gldm	LargeDependenceEmphasis	3.625
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.084844006
wavelet-LHL	gldm	DependenceVariance	0.77734375
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	959.9375
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.042189069
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.046754107
wavelet-LHL	glcm	JointAverage	14.58590562
wavelet-LHL	glcm	SumAverage	29.17181125
wavelet-LHL	glcm	JointEntropy	4.674998524
wavelet-LHL	glcm	ClusterShade	395.8538858
wavelet-LHL	glcm	MaximumProbability	0.060283908
wavelet-LHL	glcm	Idmn	0.892602403
wavelet-LHL	glcm	JointEnergy	0.041148894
wavelet-LHL	glcm	Contrast	164.6425681
wavelet-LHL	glcm	DifferenceEntropy	3.255536793
wavelet-LHL	glcm	InverseVariance	0.084481386
wavelet-LHL	glcm	DifferenceVariance	45.73152883
wavelet-LHL	glcm	Idn	0.785846001
wavelet-LHL	glcm	Idm	0.104130531
wavelet-LHL	glcm	Correlation	0.013984465
wavelet-LHL	glcm	Autocorrelation	214.8424335
wavelet-LHL	glcm	SumEntropy	3.505906475
wavelet-LHL	glcm	SumSquares	83.62171786
wavelet-LHL	glcm	ClusterProminence	68503.65975
wavelet-LHL	glcm	Imc2	0.998184919
wavelet-LHL	glcm	Imc1	-0.762885594
wavelet-LHL	glcm	DifferenceAverage	10.42722901
wavelet-LHL	glcm	Id	0.179765662
wavelet-LHL	glcm	ClusterTendency	169.8443033
wavelet-LHL	firstorder	InterquartileRange	404.3736774
wavelet-LHL	firstorder	Skewness	0.16665205
wavelet-LHL	firstorder	Uniformity	0.06640625
wavelet-LHL	firstorder	Median	-41.87812613
wavelet-LHL	firstorder	Energy	1529644.323
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	139.9252282
wavelet-LHL	firstorder	MeanAbsoluteDeviation	187.507733
wavelet-LHL	firstorder	TotalEnergy	41300396.72
wavelet-LHL	firstorder	Maximum	434.899418
wavelet-LHL	firstorder	RootMeanSquared	218.6352787
wavelet-LHL	firstorder	90Percentile	302.9106077
wavelet-LHL	firstorder	Minimum	-378.113177
wavelet-LHL	firstorder	Entropy	4.116729297
wavelet-LHL	firstorder	Range	813.012595
wavelet-LHL	firstorder	Variance	47742.74355
wavelet-LHL	firstorder	10Percentile	-251.8751684
wavelet-LHL	firstorder	Kurtosis	1.944730191

wavelet-LHL	firstorder	Mean	-7.657776678
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.047395402
wavelet-LHL	glrlm	GrayLevelVariance	76.38205182
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.047684407
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.065079461
wavelet-LHL	glrlm	RunVariance	0.026312392
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.028868258
wavelet-LHL	glrlm	LongRunEmphasis	1.084418585
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	330.8315343
wavelet-LHL	glrlm	RunLengthNonUniformity	29.57016058
wavelet-LHL	glrlm	ShortRunEmphasis	0.978895354
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	358.5871495
wavelet-LHL	glrlm	RunPercentage	0.973557692
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.048840423
wavelet-LHL	glrlm	RunEntropy	4.191942947
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	336.3826574
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.947375215
wavelet-LHL	glszm	GrayLevelVariance	74.58601134
wavelet-LHL	glszm	ZoneVariance	0.672967864
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.054820416
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.629489603
wavelet-LHL	glszm	SizeZoneNonUniformity	14.47826087
wavelet-LHL	glszm	GrayLevelNonUniformity	1.260869565
wavelet-LHL	glszm	LargeAreaEmphasis	2.608695652
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	288.2161836
wavelet-LHL	glszm	ZonePercentage	0.71875
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.083168324
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	775.5652174
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	350.4347826
wavelet-LHL	glszm	SmallAreaEmphasis	0.816727053
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.059904208
wavelet-LHL	glszm	ZoneEntropy	4.349648913
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.057808688
wavelet-LHL	ngtdm	Coarseness	0.069491752
wavelet-LHL	ngtdm	Complexity	1755.50767
wavelet-LHL	ngtdm	Strength	27.35381422
wavelet-LHL	ngtdm	Contrast	2.807814985
wavelet-LHL	ngtdm	Busyness	0.054793706
wavelet-LHH	gldm	GrayLevelVariance	28.68359375
wavelet-LHH	gldm	HighGrayLevelEmphasis	186.5
wavelet-LHH	gldm	DependenceEntropy	4.163909766
wavelet-LHH	gldm	DependenceNonUniformity	15
wavelet-LHH	gldm	GrayLevelNonUniformity	2.125
wavelet-LHH	gldm	SmallDependenceEmphasis	0.701388889
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	123.40625
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.46875
wavelet-LHH	gldm	LargeDependenceEmphasis	2.75
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.057077125
wavelet-LHH	gldm	DependenceVariance	0.5
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	618.875
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.041250846
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.044073166
wavelet-LHH	glcm	JointAverage	12.58827771

wavelet-LHH	glcm	SumAverage	25.17655542
wavelet-LHH	glcm	JointEntropy	4.653149832
wavelet-LHH	glcm	ClusterShade	-146.5166458
wavelet-LHH	glcm	MaximumProbability	0.070934795
wavelet-LHH	glcm	Idmn	0.909004062
wavelet-LHH	glcm	JointEnergy	0.04220477
wavelet-LHH	glcm	Contrast	56.66769414
wavelet-LHH	glcm	DifferenceEntropy	2.928885934
wavelet-LHH	glcm	InverseVariance	0.161014342
wavelet-LHH	glcm	DifferenceVariance	17.11998197
wavelet-LHH	glcm	Idn	0.803303348
wavelet-LHH	glcm	Idm	0.152024127
wavelet-LHH	glcm	Correlation	0.010074528
wavelet-LHH	glcm	Autocorrelation	158.8349889
wavelet-LHH	glcm	SumEntropy	3.335236484
wavelet-LHH	glcm	SumSquares	28.46157553
wavelet-LHH	glcm	ClusterProminence	9009.98144
wavelet-LHH	glcm	Imc2	0.997855681
wavelet-LHH	glcm	Imc1	-0.75107695
wavelet-LHH	glcm	DifferenceAverage	6.042188435
wavelet-LHH	glcm	Id	0.243089566
wavelet-LHH	glcm	ClusterTendency	57.17860797
wavelet-LHH	firstorder	InterquartileRange	199.8299017
wavelet-LHH	firstorder	Skewness	-0.26220421
wavelet-LHH	firstorder	Uniformity	0.06640625
wavelet-LHH	firstorder	Median	39.38716281
wavelet-LHH	firstorder	Energy	575433.2558
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	78.71067745
wavelet-LHH	firstorder	MeanAbsoluteDeviation	110.5163387
wavelet-LHH	firstorder	TotalEnergy	15536697.91
wavelet-LHH	firstorder	Maximum	264.4412976
wavelet-LHH	firstorder	RootMeanSquared	134.0980583
wavelet-LHH	firstorder	90Percentile	174.6283224
wavelet-LHH	firstorder	Minimum	-269.7046765
wavelet-LHH	firstorder	Entropy	4.077819531
wavelet-LHH	firstorder	Range	534.1459741
wavelet-LHH	firstorder	Variance	17263.8514
wavelet-LHH	firstorder	10Percentile	-130.6629161
wavelet-LHH	firstorder	Kurtosis	2.299966712
wavelet-LHH	firstorder	Mean	26.80369088
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.044674457
wavelet-LHH	glrlm	GrayLevelVariance	28.68922098
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.044801416
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.065658951
wavelet-LHH	glrlm	RunVariance	0.019141088
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.061489262
wavelet-LHH	glrlm	LongRunEmphasis	1.061093523
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	182.0281937
wavelet-LHH	glrlm	RunLengthNonUniformity	30.22640541
wavelet-LHH	glrlm	ShortRunEmphasis	0.984726619
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	199.7491657
wavelet-LHH	glrlm	RunPercentage	0.980769231
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.045309252

wavelet-LHH	glrlm	RunEntropy	4.118921601
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	185.5723881
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.961717825
wavelet-LHH	glszm	GrayLevelVariance	28.8544
wavelet-LHH	glszm	ZoneVariance	0.4416
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.0624
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.6672
wavelet-LHH	glszm	SizeZoneNonUniformity	16.68
wavelet-LHH	glszm	GrayLevelNonUniformity	1.56
wavelet-LHH	glszm	LargeAreaEmphasis	2.08
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	147.23
wavelet-LHH	glszm	ZonePercentage	0.78125
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.062126618
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	440.48
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	176.72
wavelet-LHH	glszm	SmallAreaEmphasis	0.8425
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.053927541
wavelet-LHH	glszm	ZoneEntropy	4.21366069
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.052224994
wavelet-LHH	ngtdm	Coarseness	0.110325287
wavelet-LHH	ngtdm	Complexity	692.0210851
wavelet-LHH	ngtdm	Strength	16.49219612
wavelet-LHH	ngtdm	Contrast	0.782681778
wavelet-LHH	ngtdm	Busyness	0.046752315
wavelet-LLH	gldm	GrayLevelVariance	163.5
wavelet-LLH	gldm	HighGrayLevelEmphasis	573.5625
wavelet-LLH	gldm	DependenceEntropy	4.288909766
wavelet-LLH	gldm	DependenceNonUniformity	22.25
wavelet-LLH	gldm	GrayLevelNonUniformity	1.75
wavelet-LLH	gldm	SmallDependenceEmphasis	0.859375
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	504.515625
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.6953125
wavelet-LLH	gldm	LargeDependenceEmphasis	1.5625
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.110822271
wavelet-LLH	gldm	DependenceVariance	0.15234375
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	849.75
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.042691211
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.056317423
wavelet-LLH	glcm	JointAverage	19.9327351
wavelet-LLH	glcm	SumAverage	39.8654702
wavelet-LLH	glcm	JointEntropy	4.726225396
wavelet-LLH	glcm	ClusterShade	1107.434641
wavelet-LLH	glcm	MaximumProbability	0.050915071
wavelet-LLH	glcm	Idmn	0.904772396
wavelet-LLH	glcm	JointEnergy	0.039018493
wavelet-LLH	glcm	Contrast	235.6407029
wavelet-LLH	glcm	DifferenceEntropy	3.31949509
wavelet-LLH	glcm	InverseVariance	0.084513957
wavelet-LLH	glcm	DifferenceVariance	56.03337624
wavelet-LLH	glcm	Idn	0.796935068
wavelet-LLH	glcm	Idm	0.067387144
wavelet-LLH	glcm	Correlation	0.300680106
wavelet-LLH	glcm	Autocorrelation	448.1512143

wavelet-LLH	glcm	SumEntropy	3.626993983
wavelet-LLH	glcm	SumSquares	167.91725
wavelet-LLH	glcm	ClusterProminence	398418.9296
wavelet-LLH	glcm	Imc2	0.999316338
wavelet-LLH	glcm	Imc1	-0.827205597
wavelet-LLH	glcm	DifferenceAverage	12.51125675
wavelet-LLH	glcm	Id	0.14218347
wavelet-LLH	glcm	ClusterTendency	436.0282971
wavelet-LLH	firstorder	InterquartileRange	575.5384573
wavelet-LLH	firstorder	Skewness	0.055962717
wavelet-LLH	firstorder	Uniformity	0.0546875
wavelet-LLH	firstorder	Median	-10.1620297
wavelet-LLH	firstorder	Energy	3280113.215
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	209.5494218
wavelet-LLH	firstorder	MeanAbsoluteDeviation	274.761765
wavelet-LLH	firstorder	TotalEnergy	88563056.81
wavelet-LLH	firstorder	Maximum	563.0403492
wavelet-LLH	firstorder	RootMeanSquared	320.1617372
wavelet-LLH	firstorder	90Percentile	407.4777363
wavelet-LLH	firstorder	Minimum	-517.4880795
wavelet-LLH	firstorder	Entropy	4.288909766
wavelet-LLH	firstorder	Range	1080.528429
wavelet-LLH	firstorder	Variance	101448.7308
wavelet-LLH	firstorder	10Percentile	-446.1080682
wavelet-LLH	firstorder	Kurtosis	1.818095789
wavelet-LLH	firstorder	Mean	-32.47779461
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.055447377
wavelet-LLH	glrlm	GrayLevelVariance	162.4865948
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.056003919
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.054789918
wavelet-LLH	glrlm	RunVariance	0.00718767
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.740488007
wavelet-LLH	glrlm	LongRunEmphasis	1.022828784
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	571.3210815
wavelet-LLH	glrlm	RunLengthNonUniformity	31.33316791
wavelet-LLH	glrlm	ShortRunEmphasis	0.994292804
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	585.4767887
wavelet-LLH	glrlm	RunPercentage	0.992788462
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.05823009
wavelet-LLH	glrlm	RunEntropy	4.288032224
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	574.1522229
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.985624661
wavelet-LLH	glszm	GrayLevelVariance	149.7502973
wavelet-LLH	glszm	ZoneVariance	0.09274673
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.05588585
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.81450654
wavelet-LLH	glszm	SizeZoneNonUniformity	23.62068966
wavelet-LLH	glszm	GrayLevelNonUniformity	1.620689655
wavelet-LLH	glszm	LargeAreaEmphasis	1.310344828
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	544.0086207
wavelet-LLH	glszm	ZonePercentage	0.90625
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.082191124
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	734.4827586

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	582.1034483
wavelet-LLH	glszm	SmallAreaEmphasis	0.922413793
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.052119484
wavelet-LLH	glszm	ZoneEntropy	4.280226254
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.044601574
wavelet-LLH	ngtdm	Coarseness	0.074848515
wavelet-LLH	ngtdm	Complexity	2709.399716
wavelet-LLH	ngtdm	Strength	59.11855989
wavelet-LLH	ngtdm	Contrast	5.67555827
wavelet-LLH	ngtdm	Busyness	0.034724675
wavelet-LLL	gldm	GrayLevelVariance	344.0898438
wavelet-LLL	gldm	HighGrayLevelEmphasis	1117.625
wavelet-LLL	gldm	DependenceEntropy	4.6875
wavelet-LLL	gldm	DependenceNonUniformity	25
wavelet-LLL	gldm	GrayLevelNonUniformity	1.5625
wavelet-LLL	gldm	SmallDependenceEmphasis	0.90625
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1002.78125
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.78125
wavelet-LLL	gldm	LargeDependenceEmphasis	1.375
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074445482
wavelet-LLL	gldm	DependenceVariance	0.109375
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1577
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.069564704
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.070540859
wavelet-LLL	glcm	JointAverage	33.60701634
wavelet-LLL	glcm	SumAverage	67.21403268
wavelet-LLL	glcm	JointEntropy	4.768648638
wavelet-LLL	glcm	ClusterShade	-1237.216916
wavelet-LLL	glcm	MaximumProbability	0.045700574
wavelet-LLL	glcm	Idmn	0.891307573
wavelet-LLL	glcm	JointEnergy	0.037669848
wavelet-LLL	glcm	Contrast	669.9640555
wavelet-LLL	glcm	DifferenceEntropy	3.4531686
wavelet-LLL	glcm	InverseVariance	0.021230467
wavelet-LLL	glcm	DifferenceVariance	180.3782472
wavelet-LLL	glcm	Idn	0.779172504
wavelet-LLL	glcm	Idm	0.026868756
wavelet-LLL	glcm	Correlation	0.029823066
wavelet-LLL	glcm	Autocorrelation	1147.057346
wavelet-LLL	glcm	SumEntropy	3.626260161
wavelet-LLL	glcm	SumSquares	348.3643855
wavelet-LLL	glcm	ClusterProminence	1218345.252
wavelet-LLL	glcm	Imc2	0.999700319
wavelet-LLL	glcm	Imc1	-0.879954237
wavelet-LLL	glcm	DifferenceAverage	21.64753619
wavelet-LLL	glcm	Id	0.085053658
wavelet-LLL	glcm	ClusterTendency	723.4934866
wavelet-LLL	firstorder	InterquartileRange	729.8177519
wavelet-LLL	firstorder	Skewness	0.338090637
wavelet-LLL	firstorder	Uniformity	0.048828125
wavelet-LLL	firstorder	Median	-1136.43307
wavelet-LLL	firstorder	Energy	46730386.93
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	286.2092228

wavelet-LLL	firstorder	MeanAbsoluteDeviation	392.5299125
wavelet-LLL	firstorder	TotalEnergy	1261720447
wavelet-LLL	firstorder	Maximum	-98.90619224
wavelet-LLL	firstorder	RootMeanSquared	1208.438907
wavelet-LLL	firstorder	90Percentile	-581.864212
wavelet-LLL	firstorder	Minimum	-1787.746424
wavelet-LLL	firstorder	Entropy	4.515319531
wavelet-LLL	firstorder	Range	1688.840232
wavelet-LLL	firstorder	Variance	214582.9496
wavelet-LLL	firstorder	10Percentile	-1682.727542
wavelet-LLL	firstorder	Kurtosis	2.186757254
wavelet-LLL	firstorder	Mean	-1116.127968
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.070800508
wavelet-LLL	glrlm	GrayLevelVariance	343.5381204
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.070839264
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.04852014
wavelet-LLL	glrlm	RunVariance	0.00480269
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.545440447
wavelet-LLL	glrlm	LongRunEmphasis	1.014888337
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1112.532568
wavelet-LLL	glrlm	RunLengthNonUniformity	31.5483871
wavelet-LLL	glrlm	ShortRunEmphasis	0.996277916
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1135.330335
wavelet-LLL	glrlm	RunPercentage	0.995192308
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.070994286
wavelet-LLL	glrlm	RunEntropy	4.529464904
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1117.092122
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.990394621
wavelet-LLL	glszm	GrayLevelVariance	337.6266667
wavelet-LLL	glszm	ZoneVariance	0.062222222
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.044444444
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.875555556
wavelet-LLL	glszm	SizeZoneNonUniformity	26.26666667
wavelet-LLL	glszm	GrayLevelNonUniformity	1.333333333
wavelet-LLL	glszm	LargeAreaEmphasis	1.2
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1049.216667
wavelet-LLL	glszm	ZonePercentage	0.9375
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.076631894
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1355.466667
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1110.466667
wavelet-LLL	glszm	SmallAreaEmphasis	0.95
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.074549428
wavelet-LLL	glszm	ZoneEntropy	4.706890596
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.074028812
wavelet-LLL	ngtdm	Coarseness	0.042814586
wavelet-LLL	ngtdm	Complexity	9570.806848
wavelet-LLL	ngtdm	Strength	70.4535266
wavelet-LLL	ngtdm	Contrast	17.14779653
wavelet-LLL	ngtdm	Busyness	0.042524399
wavelet-HHL	gldm	GrayLevelVariance	16.4375
wavelet-HHL	gldm	HighGrayLevelEmphasis	97.4375
wavelet-HHL	gldm	DependenceEntropy	4.4375
wavelet-HHL	gldm	DependenceNonUniformity	12.625

wavelet-HHL	gldm	GrayLevelNonUniformity	2.6875
wavelet-HHL	gldm	SmallDependenceEmphasis	0.582682292
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	52.54947917
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.39453125
wavelet-HHL	gldm	LargeDependenceEmphasis	3.4375
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.093866973
wavelet-HHL	gldm	DependenceVariance	0.58984375
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	403.8125
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.05132658
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.058081364
wavelet-HHL	glcm	JointAverage	8.999694626
wavelet-HHL	glcm	SumAverage	17.99938925
wavelet-HHL	glcm	JointEntropy	4.630686867
wavelet-HHL	glcm	ClusterShade	12.14803784
wavelet-HHL	glcm	MaximumProbability	0.06971849
wavelet-HHL	glcm	Idmn	0.906260417
wavelet-HHL	glcm	JointEnergy	0.043377465
wavelet-HHL	glcm	Contrast	30.86891291
wavelet-HHL	glcm	DifferenceEntropy	2.94676358
wavelet-HHL	glcm	InverseVariance	0.238042303
wavelet-HHL	glcm	DifferenceVariance	10.56531012
wavelet-HHL	glcm	Idn	0.802942815
wavelet-HHL	glcm	Idm	0.202777432
wavelet-HHL	glcm	Correlation	-0.010474483
wavelet-HHL	glcm	Autocorrelation	81.32681834
wavelet-HHL	glcm	SumEntropy	3.181645547
wavelet-HHL	glcm	SumSquares	15.26048849
wavelet-HHL	glcm	ClusterProminence	2277.849701
wavelet-HHL	glcm	Imc2	0.996227811
wavelet-HHL	glcm	Imc1	-0.701146949
wavelet-HHL	glcm	DifferenceAverage	4.433474712
wavelet-HHL	glcm	Id	0.293161746
wavelet-HHL	glcm	ClusterTendency	30.17304103
wavelet-HHL	firstorder	InterquartileRange	156.2724082
wavelet-HHL	firstorder	Skewness	-0.137912628
wavelet-HHL	firstorder	Uniformity	0.083984375
wavelet-HHL	firstorder	Median	-1.95010046
wavelet-HHL	firstorder	Energy	333940.0165
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	64.96108275
wavelet-HHL	firstorder	MeanAbsoluteDeviation	87.88140988
wavelet-HHL	firstorder	TotalEnergy	9016380.445
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wavelet-HHL	firstorder	RootMeanSquared	102.1549094
wavelet-HHL	firstorder	90Percentile	117.7628573
wavelet-HHL	firstorder	Minimum	-222.2150278
wavelet-HHL	firstorder	Entropy	3.765319531
wavelet-HHL	firstorder	Range	390.4862898
wavelet-HHL	firstorder	Variance	10276.37353
wavelet-HHL	firstorder	10Percentile	-141.3285338
wavelet-HHL	firstorder	Kurtosis	2.004932146
wavelet-HHL	firstorder	Mean	-12.61950826
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.058951169
wavelet-HHL	glrlm	GrayLevelVariance	16.49446548



wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.059274301
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.083330266
wavelet-HHL	glrlm	RunVariance	0.026349333
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.597043011
wavelet-HHL	glrlm	LongRunEmphasis	1.083870968
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	94.38482217
wavelet-HHL	glrlm	RunLengthNonUniformity	29.55847808
wavelet-HHL	glrlm	ShortRunEmphasis	0.979032258
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	106.7635443
wavelet-HHL	glrlm	RunPercentage	0.973557692
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.060566829
wavelet-HHL	glrlm	RunEntropy	3.833088079
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	96.86056658
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.947301333
wavelet-HHL	glszm	GrayLevelVariance	17.78719008
wavelet-HHL	glszm	ZoneVariance	0.611570248
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.074380165
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.520661157
wavelet-HHL	glszm	SizeZoneNonUniformity	11.45454545
wavelet-HHL	glszm	GrayLevelNonUniformity	1.636363636
wavelet-HHL	glszm	LargeAreaEmphasis	2.727272727
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	66.37626263
wavelet-HHL	glszm	ZonePercentage	0.6875
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.104411432
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	297.7272727
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	91.59090909
wavelet-HHL	glszm	SmallAreaEmphasis	0.746527778
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.077031174
wavelet-HHL	glszm	ZoneEntropy	4.277613437
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.072858561
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.601779514
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	105.5496962
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.384765625
wavelet-HLH	gldm	LargeDependenceEmphasis	3.5
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.287409911
wavelet-HLH	gldm	DependenceVariance	0.65234375
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	504.125
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.028464401
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.078800105
wavelet-HLH	glcm	JointAverage	11.25651987
wavelet-HLH	glcm	SumAverage	22.51303975
wavelet-HLH	glcm	JointEntropy	4.604165362
wavelet-HLH	glcm	ClusterShade	-137.77148

wavelet-HLH	glcm	MaximumProbability	0.072959087
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wavelet-HLH	glcm	JointEnergy	0.043811859
wavelet-HLH	glcm	Contrast	51.40686183
wavelet-HLH	glcm	DifferenceEntropy	2.946110891
wavelet-HLH	glcm	InverseVariance	0.192286271
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wavelet-HLH	glcm	Idn	0.80895349
wavelet-HLH	glcm	Idm	0.173596519
wavelet-HLH	glcm	Correlation	0.001092099
wavelet-HLH	glcm	Autocorrelation	127.8775212
wavelet-HLH	glcm	SumEntropy	3.342337784
wavelet-HLH	glcm	SumSquares	26.58577996
wavelet-HLH	glcm	ClusterProminence	7944.718486
wavelet-HLH	glcm	Imc2	0.993043091
wavelet-HLH	glcm	Imc1	-0.653541003
wavelet-HLH	glcm	DifferenceAverage	5.627292343
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wavelet-HLH	firstorder	InterquartileRange	172.2123795
wavelet-HLH	firstorder	Skewness	-0.421279234
wavelet-HLH	firstorder	Uniformity	0.087890625
wavelet-HLH	firstorder	Median	28.03081835
wavelet-HLH	firstorder	Energy	513917.6385
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	64.70495363
wavelet-HLH	firstorder	MeanAbsoluteDeviation	102.3511494
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wavelet-HLH	firstorder	Maximum	240.6586203
wavelet-HLH	firstorder	RootMeanSquared	126.7277641
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wavelet-HLH	firstorder	Minimum	-262.6909013
wavelet-HLH	firstorder	Entropy	3.679229297
wavelet-HLH	firstorder	Range	503.3495216
wavelet-HLH	firstorder	Variance	16053.81889
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wavelet-HLH	firstorder	Kurtosis	2.652613443
wavelet-HLH	firstorder	Mean	2.471297183
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.076250354
wavelet-HLH	glrlm	GrayLevelVariance	25.10438067
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.078283263
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.087467535
wavelet-HLH	glrlm	RunVariance	0.031456962
wavelet-HLH	glrlm	GrayLevelNonUniformity	2.725642808
wavelet-HLH	glrlm	LongRunEmphasis	1.089050512
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	155.235912
wavelet-HLH	glrlm	RunLengthNonUniformity	29.69803485
wavelet-HLH	glrlm	ShortRunEmphasis	0.980586375
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	170.1965385
wavelet-HLH	glrlm	RunPercentage	0.973557692
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.08647304
wavelet-HLH	glrlm	RunEntropy	3.737489358
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	157.7813136
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.95195787

wavelet-HLH	glszm	GrayLevelVariance	26.90082645
wavelet-HLH	glszm	ZoneVariance	0.702479339
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.082644628
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.55785124
wavelet-HLH	glszm	SizeZoneNonUniformity	12.27272727
wavelet-HLH	glszm	GrayLevelNonUniformity	1.818181818
wavelet-HLH	glszm	LargeAreaEmphasis	2.818181818
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	140.6833965
wavelet-HLH	glszm	ZonePercentage	0.6875
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.217487864
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	416.8181818
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	168.7272727
wavelet-HLH	glszm	SmallAreaEmphasis	0.774305556
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.06515001
wavelet-HLH	glszm	ZoneEntropy	4.027169118
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029110396
wavelet-HLH	ngtdm	Coarseness	0.104224512
wavelet-HLH	ngtdm	Complexity	462.0997398
wavelet-HLH	ngtdm	Strength	14.04534737
wavelet-HLH	ngtdm	Contrast	0.948848323
wavelet-HLH	ngtdm	Busyness	0.06835029

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
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general	info	VoxelNum	1951
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original	shape	MajorAxis	51.89320302
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original	shape	Flatness	0.727755641
original	shape	LeastAxis	37.76557123
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original	gldm	GrayLevelVariance	32.90017526
original	gldm	HighGrayLevelEmphasis	779.1055869
original	gldm	DependenceEntropy	6.37588323
original	gldm	DependenceNonUniformity	170.2783188
original	gldm	GrayLevelNonUniformity	316.1071246
original	gldm	SmallDependenceEmphasis	0.25224223
original	gldm	SmallDependenceHighGrayLevelEmphasis	130.2829957
original	gldm	DependenceNonUniformityNormalized	0.087277457
original	gldm	LargeDependenceEmphasis	70.21578678
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.079593235
original	gldm	DependenceVariance	26.92329894
original	gldm	LargeDependenceHighGrayLevelEmphasis	63982.60738
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.002310829
original	gldm	LowGrayLevelEmphasis	0.003263327
original	glcm	JointAverage	28.2777435
original	glcm	SumAverage	56.555487

original	glcm	JointEntropy	5.85210877
original	glcm	ClusterShade	-1103.471569
original	glcm	MaximumProbability	0.143842841
original	glcm	Idmn	0.980125425
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original	glcm	InverseVariance	0.382384232
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original	glcm	Idn	0.932182314
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original	glcm	Correlation	0.375424151
original	glcm	Autocorrelation	807.9643952
original	glcm	SumEntropy	3.944189602
original	glcm	SumSquares	22.08587785
original	glcm	ClusterProminence	32598.67563
original	glcm	Imc2	0.693462659
original	glcm	Imc1	-0.109123303
original	glcm	DifferenceAverage	2.883476548
original	glcm	Id	0.50638417
original	glcm	ClusterTendency	60.80996559
original	firstorder	InterquartileRange	92.5
original	firstorder	Skewness	-2.126960293
original	firstorder	Uniformity	0.162023129
original	firstorder	Median	6
original	firstorder	Energy	45909507
original	firstorder	RobustMeanAbsoluteDeviation	50.94301879
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original	firstorder	TotalEnergy	1239556689
original	firstorder	Maximum	103
original	firstorder	RootMeanSquared	153.3990535
original	firstorder	90Percentile	40
original	firstorder	Minimum	-712
original	firstorder	Entropy	3.45173268
original	firstorder	Range	815
original	firstorder	Variance	20518.88584
original	firstorder	10Percentile	-272
original	firstorder	Kurtosis	7.024748873
original	firstorder	Mean	-54.88518708
original	glrlm	ShortRunLowGrayLevelEmphasis	0.003684145
original	glrlm	GrayLevelVariance	38.62033473
original	glrlm	LowGrayLevelRunEmphasis	0.003848339
original	glrlm	GrayLevelNonUniformityNormalized	0.120110634
original	glrlm	RunVariance	0.498994942
original	glrlm	GrayLevelNonUniformity	184.1727741
original	glrlm	LongRunEmphasis	2.123664295
original	glrlm	ShortRunHighGrayLevelEmphasis	614.6318794
original	glrlm	RunLengthNonUniformity	1059.156158
original	glrlm	ShortRunEmphasis	0.856361852
original	glrlm	LongRunHighGrayLevelEmphasis	1765.11848
original	glrlm	RunPercentage	0.785396049
original	glrlm	LongRunLowGrayLevelEmphasis	0.00510775
original	glrlm	RunEntropy	4.552044583
original	glrlm	HighGrayLevelRunEmphasis	744.2494989
original	glrlm	RunLengthNonUniformityNormalized	0.690687249

original	glszm	GrayLevelVariance	53.48993786
original	glszm	ZoneVariance	1053.107393
original	glszm	GrayLevelNonUniformityNormalized	0.047869534
original	glszm	SizeZoneNonUniformityNormalized	0.602086131
original	glszm	SizeZoneNonUniformity	311.27853
original	glszm	GrayLevelNonUniformity	24.74854932
original	glszm	LargeAreaEmphasis	1067.348162
original	glszm	SmallAreaHighGrayLevelEmphasis	379.024065
original	glszm	ZonePercentage	0.264992312
original	glszm	LargeAreaLowGrayLevelEmphasis	1.174541949
original	glszm	LargeAreaHighGrayLevelEmphasis	977972.207
original	glszm	HighGrayLevelZoneEmphasis	505.27853
original	glszm	SmallAreaEmphasis	0.803268586
original	glszm	LowGrayLevelZoneEmphasis	0.008904464
original	glszm	ZoneEntropy	5.604505709
original	glszm	SmallAreaLowGrayLevelEmphasis	0.008469674
original	ngtdm	Coarseness	0.002497821
original	ngtdm	Complexity	1239.696436
original	ngtdm	Strength	2.861931677
original	ngtdm	Contrast	0.156095848
original	ngtdm	Busyness	0.279521617
wavelet-HHH	gldm	GrayLevelVariance	2.899904135
wavelet-HHH	gldm	HighGrayLevelEmphasis	93.06714505
wavelet-HHH	gldm	DependenceEntropy	5.847433537
wavelet-HHH	gldm	DependenceNonUniformity	143.3259867
wavelet-HHH	gldm	GrayLevelNonUniformity	427.7319323
wavelet-HHH	gldm	SmallDependenceEmphasis	0.152262319
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	15.29231977
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.073462833
wavelet-HHH	gldm	LargeDependenceEmphasis	68.2639672
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.765204362
wavelet-HHH	gldm	DependenceVariance	19.7507073
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6233.768324
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003903004
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013855727
wavelet-HHH	glcm	JointAverage	9.498592019
wavelet-HHH	glcm	SumAverage	18.99718404
wavelet-HHH	glcm	JointEntropy	4.946582293
wavelet-HHH	glcm	ClusterShade	-0.30626362
wavelet-HHH	glcm	MaximumProbability	0.14019893
wavelet-HHH	glcm	Idmn	0.985277943
wavelet-HHH	glcm	JointEnergy	0.068558568
wavelet-HHH	glcm	Contrast	5.243073703
wavelet-HHH	glcm	DifferenceEntropy	2.344318222
wavelet-HHH	glcm	InverseVariance	0.432483456
wavelet-HHH	glcm	DifferenceVariance	2.870541521
wavelet-HHH	glcm	Idn	0.927909166
wavelet-HHH	glcm	Idm	0.506637972
wavelet-HHH	glcm	Correlation	-0.032817625
wavelet-HHH	glcm	Autocorrelation	90.13271654
wavelet-HHH	glcm	SumEntropy	3.012605546
wavelet-HHH	glcm	SumSquares	2.530841056
wavelet-HHH	glcm	ClusterProminence	159.6866263
wavelet-HHH	glcm	Imc2	0.499955275
wavelet-HHH	glcm	Imc1	-0.058883038

wavelet-HHH	glcm	DifferenceAverage	1.527136564
wavelet-HHH	glcm	Id	0.553394501
wavelet-HHH	glcm	ClusterTendency	4.88029052
wavelet-HHH	firstorder	InterquartileRange	34.37501493
wavelet-HHH	firstorder	Skewness	-0.092277085
wavelet-HHH	firstorder	Uniformity	0.21923728
wavelet-HHH	firstorder	Median	0.639035123
wavelet-HHH	firstorder	Energy	3406379.528
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	15.58799856
wavelet-HHH	firstorder	MeanAbsoluteDeviation	28.19546246
wavelet-HHH	firstorder	TotalEnergy	91972247.25
wavelet-HHH	firstorder	Maximum	208.0065219
wavelet-HHH	firstorder	RootMeanSquared	41.78475714
wavelet-HHH	firstorder	90Percentile	42.54498541
wavelet-HHH	firstorder	Minimum	-219.7624867
wavelet-HHH	firstorder	Entropy	2.65690899
wavelet-HHH	firstorder	Range	427.7690086
wavelet-HHH	firstorder	Variance	1745.930569
wavelet-HHH	firstorder	10Percentile	-45.72111307
wavelet-HHH	firstorder	Kurtosis	6.738893909
wavelet-HHH	firstorder	Mean	-0.188041635
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.012750219
wavelet-HHH	glrlm	GrayLevelVariance	3.57173794
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.014623454
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.18407668
wavelet-HHH	glrlm	RunVariance	0.496353429
wavelet-HHH	glrlm	GrayLevelNonUniformity	276.9897376
wavelet-HHH	glrlm	LongRunEmphasis	2.190877942
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	78.52424914
wavelet-HHH	glrlm	RunLengthNonUniformity	983.5061808
wavelet-HHH	glrlm	ShortRunEmphasis	0.835154144
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	202.3697658
wavelet-HHH	glrlm	RunPercentage	0.770571305
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.028027208
wavelet-HHH	glrlm	RunEntropy	3.749219205
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	93.58172024
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.652814617
wavelet-HHH	glszm	GrayLevelVariance	11.77541597
wavelet-HHH	glszm	ZoneVariance	2451.651492
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.102703086
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.469845656
wavelet-HHH	glszm	SizeZoneNonUniformity	136.7250859
wavelet-HHH	glszm	GrayLevelNonUniformity	29.88659794
wavelet-HHH	glszm	LargeAreaEmphasis	2496.601375
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	73.78727881
wavelet-HHH	glszm	ZonePercentage	0.14915428
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	27.67273908
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	228549.6426
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	101.6666667
wavelet-HHH	glszm	SmallAreaEmphasis	0.711856319
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.026334246
wavelet-HHH	glszm	ZoneEntropy	5.000268763
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.022199809
wavelet-HHH	ngtdm	Coarseness	0.00339791
wavelet-HHH	ngtdm	Complexity	158.5387765

wavelet-HHH	ngtdm	Strength	0.398886971
wavelet-HHH	ngtdm	Contrast	0.026939169
wavelet-HHH	ngtdm	Busyness	1.25349604
wavelet-HLL	gldm	GrayLevelVariance	12.5717117
wavelet-HLL	gldm	HighGrayLevelEmphasis	198.6263455
wavelet-HLL	gldm	DependenceEntropy	6.572445511
wavelet-HLL	gldm	DependenceNonUniformity	191.5381855
wavelet-HLL	gldm	GrayLevelNonUniformity	243.1763198
wavelet-HLL	gldm	SmallDependenceEmphasis	0.202211229
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	46.30994301
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.098174365
wavelet-HLL	gldm	LargeDependenceEmphasis	43.41927217
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.229850331
wavelet-HLL	gldm	DependenceVariance	15.52073363
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8736.937981
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003549852
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.008745676
wavelet-HLL	glcm	JointAverage	13.57565819
wavelet-HLL	glcm	SumAverage	27.15131638
wavelet-HLL	glcm	JointEntropy	6.336443747
wavelet-HLL	glcm	ClusterShade	125.0588772
wavelet-HLL	glcm	MaximumProbability	0.079143495
wavelet-HLL	glcm	Idmn	0.994829843
wavelet-HLL	glcm	JointEnergy	0.027479424
wavelet-HLL	glcm	Contrast	14.35757983
wavelet-HLL	glcm	DifferenceEntropy	2.849441514
wavelet-HLL	glcm	InverseVariance	0.371633611
wavelet-HLL	glcm	DifferenceVariance	8.440793811
wavelet-HLL	glcm	Idn	0.957755189
wavelet-HLL	glcm	Idm	0.402038264
wavelet-HLL	glcm	Correlation	0.24038055
wavelet-HLL	glcm	Autocorrelation	186.7598154
wavelet-HLL	glcm	SumEntropy	3.968094418
wavelet-HLL	glcm	SumSquares	9.638961576
wavelet-HLL	glcm	ClusterProminence	10949.13619
wavelet-HLL	glcm	Imc2	0.69996926
wavelet-HLL	glcm	Imc1	-0.10794103
wavelet-HLL	glcm	DifferenceAverage	2.388679435
wavelet-HLL	glcm	Id	0.466711174
wavelet-HLL	glcm	ClusterTendency	24.19826647
wavelet-HLL	firstorder	InterquartileRange	67.76804705
wavelet-HLL	firstorder	Skewness	1.730932904
wavelet-HLL	firstorder	Uniformity	0.124641886
wavelet-HLL	firstorder	Median	-16.06935258
wavelet-HLL	firstorder	Energy	16150998.77
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	30.74245679
wavelet-HLL	firstorder	MeanAbsoluteDeviation	55.6430568
wavelet-HLL	firstorder	TotalEnergy	436076966.7
wavelet-HLL	firstorder	Maximum	923.4566357
wavelet-HLL	firstorder	RootMeanSquared	90.98526352
wavelet-HLL	firstorder	90Percentile	44.62615586
wavelet-HLL	firstorder	Minimum	-335.6133397
wavelet-HLL	firstorder	Entropy	3.522687446
wavelet-HLL	firstorder	Range	1259.069975
wavelet-HLL	firstorder	Variance	7807.202257



wavelet-HLL	firstorder	10Percentile	-117.8851999
wavelet-HLL	firstorder	Kurtosis	19.47557978
wavelet-HLL	firstorder	Mean	-21.70520492
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008727853
wavelet-HLL	glrlm	GrayLevelVariance	14.5264657
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009383348
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.109462497
wavelet-HLL	glrlm	RunVariance	0.344649409
wavelet-HLL	glrlm	GrayLevelNonUniformity	178.8144373
wavelet-HLL	glrlm	LongRunEmphasis	1.798971975
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	176.6817936
wavelet-HLL	glrlm	RunLengthNonUniformity	1222.620235
wavelet-HLL	glrlm	ShortRunEmphasis	0.885707445
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	357.786284
wavelet-HLL	glrlm	RunPercentage	0.83531128
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.013762306
wavelet-HLL	glrlm	RunEntropy	4.343940658
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	198.9622955
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.746144649
wavelet-HLL	glszm	GrayLevelVariance	38.72415316
wavelet-HLL	glszm	ZoneVariance	737.2823075
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.056888486
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.408312794
wavelet-HLL	glszm	SizeZoneNonUniformity	172.7163121
wavelet-HLL	glszm	GrayLevelNonUniformity	24.06382979
wavelet-HLL	glszm	LargeAreaEmphasis	758.5555556
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	163.7244521
wavelet-HLL	glszm	ZonePercentage	0.216811891
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	3.926194244
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	149846.8085
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	230.5106383
wavelet-HLL	glszm	SmallAreaEmphasis	0.661665804
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017212194
wavelet-HLL	glszm	ZoneEntropy	6.040645226
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014152225
wavelet-HLL	ngtdm	Coarseness	0.003889981
wavelet-HLL	ngtdm	Complexity	1260.064609
wavelet-HLL	ngtdm	Strength	4.058426878
wavelet-HLL	ngtdm	Contrast	0.037067669
wavelet-HLL	ngtdm	Busyness	0.343505078
wavelet-LHL	gldm	GrayLevelVariance	38.21452495
wavelet-LHL	gldm	HighGrayLevelEmphasis	863.2378268
wavelet-LHL	gldm	DependenceEntropy	6.8295125
wavelet-LHL	gldm	DependenceNonUniformity	261.2562788
wavelet-LHL	gldm	GrayLevelNonUniformity	180.0169144
wavelet-LHL	gldm	SmallDependenceEmphasis	0.319249527
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	281.9777764
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.133908908
wavelet-LHL	gldm	LargeDependenceEmphasis	41.38441825
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.048956795
wavelet-LHL	gldm	DependenceVariance	18.34343413
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	36033.53306
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001121879
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002000521
wavelet-LHL	glcm	JointAverage	28.56610349

wavelet-LHL	glcm	SumAverage	57.13220699
wavelet-LHL	glcm	JointEntropy	7.329157027
wavelet-LHL	glcm	ClusterShade	204.454754
wavelet-LHL	glcm	MaximumProbability	0.079127789
wavelet-LHL	glcm	Idmn	0.985544865
wavelet-LHL	glcm	JointEnergy	0.023904139
wavelet-LHL	glcm	Contrast	49.6710111
wavelet-LHL	glcm	DifferenceEntropy	3.547730709
wavelet-LHL	glcm	InverseVariance	0.308712093
wavelet-LHL	glcm	DifferenceVariance	31.13120421
wavelet-LHL	glcm	Idn	0.936140547
wavelet-LHL	glcm	Idm	0.34481466
wavelet-LHL	glcm	Correlation	0.178387987
wavelet-LHL	glcm	Autocorrelation	821.778706
wavelet-LHL	glcm	SumEntropy	4.618201806
wavelet-LHL	glcm	SumSquares	30.58933538
wavelet-LHL	glcm	ClusterProminence	40534.90076
wavelet-LHL	glcm	Imc2	0.849377282
wavelet-LHL	glcm	Imc1	-0.165839219
wavelet-LHL	glcm	DifferenceAverage	4.196419704
wavelet-LHL	glcm	Id	0.409321942
wavelet-LHL	glcm	ClusterTendency	72.6863304
wavelet-LHL	firstorder	InterquartileRange	95.53410345
wavelet-LHL	firstorder	Skewness	0.290082333
wavelet-LHL	firstorder	Uniformity	0.092269049
wavelet-LHL	firstorder	Median	-9.433677557
wavelet-LHL	firstorder	Energy	47141280.04
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	49.75207816
wavelet-LHL	firstorder	MeanAbsoluteDeviation	99.06387802
wavelet-LHL	firstorder	TotalEnergy	1272814561
wavelet-LHL	firstorder	Maximum	639.064241
wavelet-LHL	firstorder	RootMeanSquared	155.4433154
wavelet-LHL	firstorder	90Percentile	139.9810777
wavelet-LHL	firstorder	Minimum	-702.0987389
wavelet-LHL	firstorder	Entropy	4.249058162
wavelet-LHL	firstorder	Range	1341.16298
wavelet-LHL	firstorder	Variance	23772.14361
wavelet-LHL	firstorder	10Percentile	-197.3318125
wavelet-LHL	firstorder	Kurtosis	5.846276422
wavelet-LHL	firstorder	Mean	-19.76058467
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002020548
wavelet-LHL	glrlm	GrayLevelVariance	43.74616922
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002139699
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.072098574
wavelet-LHL	glrlm	RunVariance	0.285413315
wavelet-LHL	glrlm	GrayLevelNonUniformity	120.3105913
wavelet-LHL	glrlm	LongRunEmphasis	1.663957154
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	778.1653055
wavelet-LHL	glrlm	RunLengthNonUniformity	1295.881343
wavelet-LHL	glrlm	ShortRunEmphasis	0.901541268
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1438.010017
wavelet-LHL	glrlm	RunPercentage	0.853842211
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.00292745
wavelet-LHL	glrlm	RunEntropy	5.024285291
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	863.0659248

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.776429752
wavelet-LHL	glszm	GrayLevelVariance	82.02267658
wavelet-LHL	glszm	ZoneVariance	361.0468505
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034936851
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.508495105
wavelet-LHL	glszm	SizeZoneNonUniformity	351.8786127
wavelet-LHL	glszm	GrayLevelNonUniformity	24.17630058
wavelet-LHL	glszm	LargeAreaEmphasis	368.9956647
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	661.6330827
wavelet-LHL	glszm	ZonePercentage	0.354689903
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.428161513
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	320627.7731
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	883.8453757
wavelet-LHL	glszm	SmallAreaEmphasis	0.740829316
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.003325078
wavelet-LHL	glszm	ZoneEntropy	6.380477594
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002934183
wavelet-LHL	ngtdm	Coarseness	0.004308709
wavelet-LHL	ngtdm	Complexity	3080.958224
wavelet-LHL	ngtdm	Strength	3.725494648
wavelet-LHL	ngtdm	Contrast	0.107800183
wavelet-LHL	ngtdm	Busyness	0.119423132
wavelet-LHH	gldm	GrayLevelVariance	13.71055178
wavelet-LHH	gldm	HighGrayLevelEmphasis	712.4741158
wavelet-LHH	gldm	DependenceEntropy	6.472353207
wavelet-LHH	gldm	DependenceNonUniformity	195.9902614
wavelet-LHH	gldm	GrayLevelNonUniformity	257.0912353
wavelet-LHH	gldm	SmallDependenceEmphasis	0.248952641
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	180.5470107
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.10045631
wavelet-LHH	gldm	LargeDependenceEmphasis	48.30394669
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.070554513
wavelet-LHH	gldm	DependenceVariance	18.51170962
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	33637.43465
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001097704
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.002199657
wavelet-LHH	glcm	JointAverage	26.47909854
wavelet-LHH	glcm	SumAverage	52.95819708
wavelet-LHH	glcm	JointEntropy	6.459140625
wavelet-LHH	glcm	ClusterShade	-96.97030137
wavelet-LHH	glcm	MaximumProbability	0.099522657
wavelet-LHH	glcm	Idmn	0.989581
wavelet-LHH	glcm	JointEnergy	0.033578653
wavelet-LHH	glcm	Contrast	22.00741429
wavelet-LHH	glcm	DifferenceEntropy	3.108879456
wavelet-LHH	glcm	InverseVariance	0.350330995
wavelet-LHH	glcm	DifferenceVariance	13.36007975
wavelet-LHH	glcm	Idn	0.943168854
wavelet-LHH	glcm	Idm	0.397444953
wavelet-LHH	glcm	Correlation	0.034221681
wavelet-LHH	glcm	Autocorrelation	701.5499334
wavelet-LHH	glcm	SumEntropy	3.921661891
wavelet-LHH	glcm	SumSquares	11.4097418
wavelet-LHH	glcm	ClusterProminence	6050.675447
wavelet-LHH	glcm	Imc2	0.724152256

wavelet-LHH	glcm	Imc1	-0.112994351
wavelet-LHH	glcm	DifferenceAverage	2.898351972
wavelet-LHH	glcm	Id	0.458563763
wavelet-LHH	glcm	ClusterTendency	23.63155293
wavelet-LHH	firstorder	InterquartileRange	59.53778834
wavelet-LHH	firstorder	Skewness	-0.757284785
wavelet-LHH	firstorder	Uniformity	0.131774083
wavelet-LHH	firstorder	Median	-2.132672642
wavelet-LHH	firstorder	Energy	16555770.35
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	28.43131783
wavelet-LHH	firstorder	MeanAbsoluteDeviation	57.67661157
wavelet-LHH	firstorder	TotalEnergy	447005799.5
wavelet-LHH	firstorder	Maximum	428.4178523
wavelet-LHH	firstorder	RootMeanSquared	92.11833127
wavelet-LHH	firstorder	90Percentile	103.5330997
wavelet-LHH	firstorder	Minimum	-647.5644473
wavelet-LHH	firstorder	Entropy	3.583490786
wavelet-LHH	firstorder	Range	1075.9823
wavelet-LHH	firstorder	Variance	8482.867541
wavelet-LHH	firstorder	10Percentile	-89.02828643
wavelet-LHH	firstorder	Kurtosis	8.926984331
wavelet-LHH	firstorder	Mean	-1.708629659
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002183727
wavelet-LHH	glrlm	GrayLevelVariance	16.15143314
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.002356573
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.107087178
wavelet-LHH	glrlm	RunVariance	0.33343375
wavelet-LHH	glrlm	GrayLevelNonUniformity	173.2649588
wavelet-LHH	glrlm	LongRunEmphasis	1.797640099
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	631.5994195
wavelet-LHH	glrlm	RunLengthNonUniformity	1191.512439
wavelet-LHH	glrlm	ShortRunEmphasis	0.880803075
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1272.250715
wavelet-LHH	glrlm	RunPercentage	0.828529748
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.003511409
wavelet-LHH	glrlm	RunEntropy	4.460267554
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	715.1709307
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.735624805
wavelet-LHH	glszm	GrayLevelVariance	37.90803158
wavelet-LHH	glszm	ZoneVariance	707.9175585
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.052405495
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.490312812
wavelet-LHH	glszm	SizeZoneNonUniformity	255.452975
wavelet-LHH	glszm	GrayLevelNonUniformity	27.30326296
wavelet-LHH	glszm	LargeAreaEmphasis	721.940499
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	528.6283174
wavelet-LHH	glszm	ZonePercentage	0.267042542
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	1.041828277
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	502805.5681
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	729.7696737
wavelet-LHH	glszm	SmallAreaEmphasis	0.727783937
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004219201
wavelet-LHH	glszm	ZoneEntropy	5.937267234
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.00380088
wavelet-LHH	ngtdm	Coarseness	0.004092303

wavelet-LHH	ngtdm	Complexity	1443.32042
wavelet-LHH	ngtdm	Strength	2.409649211
wavelet-LHH	ngtdm	Contrast	0.048844086
wavelet-LHH	ngtdm	Busyness	0.164523384
wavelet-LLH	gldm	GrayLevelVariance	31.14238516
wavelet-LLH	gldm	HighGrayLevelEmphasis	628.4700154
wavelet-LLH	gldm	DependenceEntropy	6.748797871
wavelet-LLH	gldm	DependenceNonUniformity	228.6688877
wavelet-LLH	gldm	GrayLevelNonUniformity	199.2368016
wavelet-LLH	gldm	SmallDependenceEmphasis	0.288722123
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	183.8685638
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.117205991
wavelet-LLH	gldm	LargeDependenceEmphasis	40.61763198
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.065387377
wavelet-LLH	gldm	DependenceVariance	16.24916397
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	26139.29216
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001405156
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002718801
wavelet-LLH	glcm	JointAverage	24.37074887
wavelet-LLH	glcm	SumAverage	48.74149775
wavelet-LLH	glcm	JointEntropy	7.047573149
wavelet-LLH	glcm	ClusterShade	191.2104959
wavelet-LLH	glcm	MaximumProbability	0.079161402
wavelet-LLH	glcm	Idmn	0.987631007
wavelet-LLH	glcm	JointEnergy	0.0254873
wavelet-LLH	glcm	Contrast	42.43639035
wavelet-LLH	glcm	DifferenceEntropy	3.395517736
wavelet-LLH	glcm	InverseVariance	0.326990623
wavelet-LLH	glcm	DifferenceVariance	27.44611448
wavelet-LLH	glcm	Idn	0.942111521
wavelet-LLH	glcm	Idm	0.361354001
wavelet-LLH	glcm	Correlation	0.163134103
wavelet-LLH	glcm	Autocorrelation	598.4170964
wavelet-LLH	glcm	SumEntropy	4.464489584
wavelet-LLH	glcm	SumSquares	25.69964284
wavelet-LLH	glcm	ClusterProminence	34274.18309
wavelet-LLH	glcm	Imc2	0.834325215
wavelet-LLH	glcm	Imc1	-0.161653339
wavelet-LLH	glcm	DifferenceAverage	3.77006274
wavelet-LLH	glcm	Id	0.425438654
wavelet-LLH	glcm	ClusterTendency	60.36218099
wavelet-LLH	firstorder	InterquartileRange	94.07685524
wavelet-LLH	firstorder	Skewness	0.454829611
wavelet-LLH	firstorder	Uniformity	0.102120349
wavelet-LLH	firstorder	Median	-13.15024845
wavelet-LLH	firstorder	Energy	39283449.97
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	43.40554888
wavelet-LLH	firstorder	MeanAbsoluteDeviation	88.26732997
wavelet-LLH	firstorder	TotalEnergy	1060653149
wavelet-LLH	firstorder	Maximum	731.8773039
wavelet-LLH	firstorder	RootMeanSquared	141.8979679
wavelet-LLH	firstorder	90Percentile	83.86853668
wavelet-LLH	firstorder	Minimum	-623.3463546
wavelet-LLH	firstorder	Entropy	4.059271586
wavelet-LLH	firstorder	Range	1355.223659

wavelet-LLH	firstorder	Variance	19447.86008
wavelet-LLH	firstorder	10Percentile	-182.8234716
wavelet-LLH	firstorder	Kurtosis	7.125567153
wavelet-LLH	firstorder	Mean	-26.21398897
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002735344
wavelet-LLH	glrlm	GrayLevelVariance	35.70594075
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002912088
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.08249668
wavelet-LLH	glrlm	RunVariance	0.282652594
wavelet-LLH	glrlm	GrayLevelNonUniformity	136.759371
wavelet-LLH	glrlm	LongRunEmphasis	1.679266813
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	560.0736906
wavelet-LLH	glrlm	RunLengthNonUniformity	1263.738834
wavelet-LLH	glrlm	ShortRunEmphasis	0.894359091
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1060.997284
wavelet-LLH	glrlm	RunPercentage	0.848598352
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.004019092
wavelet-LLH	glrlm	RunEntropy	4.856649644
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	627.0161712
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.761594129
wavelet-LLH	glszm	GrayLevelVariance	70.88626974
wavelet-LLH	glszm	ZoneVariance	447.220881
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.039954484
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.506912238
wavelet-LLH	glszm	SizeZoneNonUniformity	313.7786753
wavelet-LLH	glszm	GrayLevelNonUniformity	24.73182553
wavelet-LLH	glszm	LargeAreaEmphasis	457.1550889
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	474.7788747
wavelet-LLH	glszm	ZonePercentage	0.317273193
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.715106468
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	294949.5719
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	640.3909532
wavelet-LLH	glszm	SmallAreaEmphasis	0.739735808
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004707883
wavelet-LLH	glszm	ZoneEntropy	6.281409954
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004063047
wavelet-LLH	ngtdm	Coarseness	0.003966496
wavelet-LLH	ngtdm	Complexity	2955.895685
wavelet-LLH	ngtdm	Strength	4.085219859
wavelet-LLH	ngtdm	Contrast	0.080182319
wavelet-LLH	ngtdm	Busyness	0.143513091
wavelet-LLL	gldm	GrayLevelVariance	236.3564638
wavelet-LLL	gldm	HighGrayLevelEmphasis	4616.950794
wavelet-LLL	gldm	DependenceEntropy	7.31908552
wavelet-LLL	gldm	DependenceNonUniformity	343.1250641
wavelet-LLL	gldm	GrayLevelNonUniformity	113.1137878
wavelet-LLL	gldm	SmallDependenceEmphasis	0.416630965
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1418.978737
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.175871381
wavelet-LLL	gldm	LargeDependenceEmphasis	34.40953357
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006750258
wavelet-LLL	gldm	DependenceVariance	16.24559735
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	197113.4582
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000773991
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.000892246

wavelet-LLL	glcm	JointAverage	69.21083038
wavelet-LLL	glcm	SumAverage	138.4216608
wavelet-LLL	glcm	JointEntropy	8.295946114
wavelet-LLL	glcm	ClusterShade	-20426.47203
wavelet-LLL	glcm	MaximumProbability	0.05748241
wavelet-LLL	glcm	Idmn	0.979477991
wavelet-LLL	glcm	JointEnergy	0.012842752
wavelet-LLL	glcm	Contrast	160.7858371
wavelet-LLL	glcm	DifferenceEntropy	4.239095793
wavelet-LLL	glcm	InverseVariance	0.26689141
wavelet-LLL	glcm	DifferenceVariance	101.1780977
wavelet-LLL	glcm	Idn	0.925539194
wavelet-LLL	glcm	Idm	0.295806094
wavelet-LLL	glcm	Correlation	0.512765844
wavelet-LLL	glcm	Autocorrelation	4875.648483
wavelet-LLL	glcm	SumEntropy	5.559780263
wavelet-LLL	glcm	SumSquares	165.7556775
wavelet-LLL	glcm	ClusterProminence	1554605.905
wavelet-LLL	glcm	Imc2	0.932697116
wavelet-LLL	glcm	Imc1	-0.222405938
wavelet-LLL	glcm	DifferenceAverage	7.629959671
wavelet-LLL	glcm	Id	0.353887982
wavelet-LLL	glcm	ClusterTendency	502.236873
wavelet-LLL	firstorder	InterquartileRange	405.1029245
wavelet-LLL	firstorder	Skewness	-1.565891732
wavelet-LLL	firstorder	Uniformity	0.057977339
wavelet-LLL	firstorder	Median	17.05125509
wavelet-LLL	firstorder	Energy	353205683.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	194.1953144
wavelet-LLL	firstorder	MeanAbsoluteDeviation	299.0945546
wavelet-LLL	firstorder	TotalEnergy	9536553462
wavelet-LLL	firstorder	Maximum	248.209805
wavelet-LLL	firstorder	RootMeanSquared	425.4859337
wavelet-LLL	firstorder	90Percentile	106.7751731
wavelet-LLL	firstorder	Minimum	-1810.943943
wavelet-LLL	firstorder	Entropy	5.041960265
wavelet-LLL	firstorder	Range	2059.153748
wavelet-LLL	firstorder	Variance	147634.6876
wavelet-LLL	firstorder	10Percentile	-790.1792816
wavelet-LLL	firstorder	Kurtosis	4.753340279
wavelet-LLL	firstorder	Mean	-182.7664964
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.000979605
wavelet-LLL	glrlm	GrayLevelVariance	253.4889939
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00099487
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.044657269
wavelet-LLL	glrlm	RunVariance	0.231647129
wavelet-LLL	glrlm	GrayLevelNonUniformity	76.27436212
wavelet-LLL	glrlm	LongRunEmphasis	1.541725291
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3983.886609
wavelet-LLL	glrlm	RunLengthNonUniformity	1377.766574
wavelet-LLL	glrlm	ShortRunEmphasis	0.916516378
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	7561.833725
wavelet-LLL	glrlm	RunPercentage	0.874541655
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001091868
wavelet-LLL	glrlm	RunEntropy	5.734764671

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4458.93385
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.806786659
wavelet-LLL	glszm	GrayLevelVariance	287.9571103
wavelet-LLL	glszm	ZoneVariance	181.6590779
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019381216
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.668030371
wavelet-LLL	glszm	SizeZoneNonUniformity	577.1782407
wavelet-LLL	glszm	GrayLevelNonUniformity	16.74537037
wavelet-LLL	glszm	LargeAreaEmphasis	186.7581019
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2709.281695
wavelet-LLL	glszm	ZonePercentage	0.442849821
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.033886474
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1080398.522
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3424.864583
wavelet-LLL	glszm	SmallAreaEmphasis	0.842839066
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001770011
wavelet-LLL	glszm	ZoneEntropy	6.678338452
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001724256
wavelet-LLL	ngtdm	Coarseness	0.003385703
wavelet-LLL	ngtdm	Complexity	13984.41949
wavelet-LLL	ngtdm	Strength	15.75948768
wavelet-LLL	ngtdm	Contrast	0.479872363
wavelet-LLL	ngtdm	Busyness	0.040405994
wavelet-HHL	gldm	GrayLevelVariance	4.088935454
wavelet-HHL	gldm	HighGrayLevelEmphasis	186.6365966
wavelet-HHL	gldm	DependenceEntropy	6.013088838
wavelet-HHL	gldm	DependenceNonUniformity	147.2532035
wavelet-HHL	gldm	GrayLevelNonUniformity	396.7027166
wavelet-HHL	gldm	SmallDependenceEmphasis	0.163623889
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	33.54170292
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.075475758
wavelet-HHL	gldm	LargeDependenceEmphasis	65.57201435
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.373445137
wavelet-HHL	gldm	DependenceVariance	20.65934619
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	11825.44234
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001371924
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007084573
wavelet-HHL	glcm	JointAverage	13.50080449
wavelet-HHL	glcm	SumAverage	27.00160898
wavelet-HHL	glcm	JointEntropy	5.146667696
wavelet-HHL	glcm	ClusterShade	-1.23692911
wavelet-HHL	glcm	MaximumProbability	0.133481976
wavelet-HHL	glcm	Idmn	0.990926913
wavelet-HHL	glcm	JointEnergy	0.061881808
wavelet-HHL	glcm	Contrast	6.724409744
wavelet-HHL	glcm	DifferenceEntropy	2.426314628
wavelet-HHL	glcm	InverseVariance	0.429483869
wavelet-HHL	glcm	DifferenceVariance	3.946761501
wavelet-HHL	glcm	Idn	0.9444075
wavelet-HHL	glcm	Idm	0.492921032
wavelet-HHL	glcm	Correlation	0.010839172
wavelet-HHL	glcm	Autocorrelation	182.3235197
wavelet-HHL	glcm	SumEntropy	3.172936473
wavelet-HHL	glcm	SumSquares	3.413491291
wavelet-HHL	glcm	ClusterProminence	555.7545413



wavelet-HHL	glcm	Imc2	0.554600785
wavelet-HHL	glcm	Imc1	-0.07169319
wavelet-HHL	glcm	DifferenceAverage	1.652410003
wavelet-HHL	glcm	Id	0.541488157
wavelet-HHL	glcm	ClusterTendency	6.929555418
wavelet-HHL	firstorder	InterquartileRange	39.02908074
wavelet-HHL	firstorder	Skewness	-0.001154631
wavelet-HHL	firstorder	Uniformity	0.203333017
wavelet-HHL	firstorder	Median	-1.129330215
wavelet-HHL	firstorder	Energy	4978392.443
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	17.38664743
wavelet-HHL	firstorder	MeanAbsoluteDeviation	32.47623867
wavelet-HHL	firstorder	TotalEnergy	134416596
wavelet-HHL	firstorder	Maximum	320.4159954
wavelet-HHL	firstorder	RootMeanSquared	50.514485
wavelet-HHL	firstorder	90Percentile	53.55646107
wavelet-HHL	firstorder	Minimum	-321.138803
wavelet-HHL	firstorder	Entropy	2.814635993
wavelet-HHL	firstorder	Range	641.5547984
wavelet-HHL	firstorder	Variance	2551.661051
wavelet-HHL	firstorder	10Percentile	-46.60361286
wavelet-HHL	firstorder	Kurtosis	9.874530086
wavelet-HHL	firstorder	Mean	0.228349275
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006493583
wavelet-HHL	glrlm	GrayLevelVariance	4.982649616
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.00742334
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.169714868
wavelet-HHL	glrlm	RunVariance	0.481598656
wavelet-HHL	glrlm	GrayLevelNonUniformity	258.7677484
wavelet-HHL	glrlm	LongRunEmphasis	2.137036551
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	160.03497
wavelet-HHL	glrlm	RunLengthNonUniformity	1024.782105
wavelet-HHL	glrlm	ShortRunEmphasis	0.845020158
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	393.7321055
wavelet-HHL	glrlm	RunPercentage	0.780704175
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.014044948
wavelet-HHL	glrlm	RunEntropy	3.870813478
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	188.1986358
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.670682505
wavelet-HHL	glszm	GrayLevelVariance	13.99902402
wavelet-HHL	glszm	ZoneVariance	1946.829631
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.095794914
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.434953153
wavelet-HHL	glszm	SizeZoneNonUniformity	142.6646341
wavelet-HHL	glszm	GrayLevelNonUniformity	31.42073171
wavelet-HHL	glszm	LargeAreaEmphasis	1982.210366
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	145.6309689
wavelet-HHL	glszm	ZonePercentage	0.168118913
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	11.04890818
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	358494.2927
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	205.8384146
wavelet-HHL	glszm	SmallAreaEmphasis	0.684714391
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010222211
wavelet-HHL	glszm	ZoneEntropy	5.271381901
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005584248

wavelet-HHL	ngtdm	Coarseness	0.003561031
wavelet-HHL	ngtdm	Complexity	325.2152716
wavelet-HHL	ngtdm	Strength	0.935587872
wavelet-HHL	ngtdm	Contrast	0.02198648
wavelet-HHL	ngtdm	Busyness	0.58752346
wavelet-HLH	gldm	GrayLevelVariance	4.209257511
wavelet-HLH	gldm	HighGrayLevelEmphasis	135.4884675
wavelet-HLH	gldm	DependenceEntropy	6.00692923
wavelet-HLH	gldm	DependenceNonUniformity	146.6401845
wavelet-HLH	gldm	GrayLevelNonUniformity	399.53306
wavelet-HLH	gldm	SmallDependenceEmphasis	0.166742054
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	23.84205751
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.07516155
wavelet-HLH	gldm	LargeDependenceEmphasis	70.33982573
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.546764271
wavelet-HLH	gldm	DependenceVariance	22.16868428
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	9229.177858
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003707181
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.010374583
wavelet-HLH	glcm	JointAverage	11.47801148
wavelet-HLH	glcm	SumAverage	22.95602296
wavelet-HLH	glcm	JointEntropy	5.161726221
wavelet-HLH	glcm	ClusterShade	0.092771487
wavelet-HLH	glcm	MaximumProbability	0.135317775
wavelet-HLH	glcm	Idmn	0.987018148
wavelet-HLH	glcm	JointEnergy	0.065061761
wavelet-HLH	glcm	Contrast	6.99994968
wavelet-HLH	glcm	DifferenceEntropy	2.456201858
wavelet-HLH	glcm	InverseVariance	0.422504765
wavelet-HLH	glcm	DifferenceVariance	4.141589677
wavelet-HLH	glcm	Idn	0.93505972
wavelet-HLH	glcm	Idm	0.499515264
wavelet-HLH	glcm	Correlation	0.004531921
wavelet-HLH	glcm	Autocorrelation	131.7667433
wavelet-HLH	glcm	SumEntropy	3.195928753
wavelet-HLH	glcm	SumSquares	3.521057413
wavelet-HLH	glcm	ClusterProminence	439.8406751
wavelet-HLH	glcm	Imc2	0.550483083
wavelet-HLH	glcm	Imc1	-0.070175451
wavelet-HLH	glcm	DifferenceAverage	1.676444039
wavelet-HLH	glcm	Id	0.546691664
wavelet-HLH	glcm	ClusterTendency	7.084279973
wavelet-HLH	firstorder	InterquartileRange	36.72600791
wavelet-HLH	firstorder	Skewness	0.047911197
wavelet-HLH	firstorder	Uniformity	0.204783731
wavelet-HLH	firstorder	Median	-0.662572512
wavelet-HLH	firstorder	Energy	5040025.569
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	16.65266019
wavelet-HLH	firstorder	MeanAbsoluteDeviation	32.51013831
wavelet-HLH	firstorder	TotalEnergy	136080690.4
wavelet-HLH	firstorder	Maximum	269.0394082
wavelet-HLH	firstorder	RootMeanSquared	50.82621101
wavelet-HLH	firstorder	90Percentile	48.70938452
wavelet-HLH	firstorder	Minimum	-269.0484786
wavelet-HLH	firstorder	Entropy	2.827376342

wavelet-HLH	firstorder	Range	538.0878869
wavelet-HLH	firstorder	Variance	2581.720548
wavelet-HLH	firstorder	10Percentile	-50.05051665
wavelet-HLH	firstorder	Kurtosis	8.253432485
wavelet-HLH	firstorder	Mean	-1.258244037
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009885148
wavelet-HLH	glrlm	GrayLevelVariance	5.226190241
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.01115085
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.168189437
wavelet-HLH	glrlm	RunVariance	0.491596772
wavelet-HLH	glrlm	GrayLevelNonUniformity	253.3318542
wavelet-HLH	glrlm	LongRunEmphasis	2.180191888
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	114.9766232
wavelet-HLH	glrlm	RunLengthNonUniformity	991.2746663
wavelet-HLH	glrlm	ShortRunEmphasis	0.837578017
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	292.0266287
wavelet-HLH	glrlm	RunPercentage	0.771517565
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.020312311
wavelet-HLH	glrlm	RunEntropy	3.930038787
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	136.4938712
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.657267445
wavelet-HLH	glszm	GrayLevelVariance	15.52649186
wavelet-HLH	glszm	ZoneVariance	1855.503031
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.08311762
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.429829465
wavelet-HLH	glszm	SizeZoneNonUniformity	146.5718475
wavelet-HLH	glszm	GrayLevelNonUniformity	28.3431085
wavelet-HLH	glszm	LargeAreaEmphasis	1888.237537
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	98.88689789
wavelet-HLH	glszm	ZonePercentage	0.174782163
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	14.41470433
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	249839.2258
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	142.7331378
wavelet-HLH	glszm	SmallAreaEmphasis	0.680848408
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.021901232
wavelet-HLH	glszm	ZoneEntropy	5.419657932
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018859412
wavelet-HLH	ngtdm	Coarseness	0.003604795
wavelet-HLH	ngtdm	Complexity	261.5688554
wavelet-HLH	ngtdm	Strength	0.678272404
wavelet-HLH	ngtdm	Contrast	0.027780924
wavelet-HLH	ngtdm	Busyness	0.771501233

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	3: RTSTRUCT: C99-DNU-B_segment_GTV Right (0, 0, 1, 7, 9, 5)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	525b135c269d171cc15012c9eca7023d55d92887
general	info	ImageSpacing	(0.9375, 0.9375, 2.0)
general	info	MaskHash	8ee5ab5c4589e640097e6339c97e51080370cbd8
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	148
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original	shape	Sphericity	0.854422316
original	shape	MinorAxis	16.73444899
original	shape	Elongation	0.660008137
original	shape	SurfaceVolumeRatio	0.356672573
original	shape	Volume	3996
original	shape	MajorAxis	25.35491315
original	shape	SurfaceArea	1425.263603
original	shape	Flatness	0.521725407
original	shape	LeastAxis	13.22830239
original	shape	Maximum2DDiameterColumn	17.49285568
original	shape	Maximum2DDiameterRow	24.73863375
original	gldm	GrayLevelVariance	42.16691015
original	gldm	HighGrayLevelEmphasis	216.1216216
original	gldm	DependenceEntropy	5.606266545
original	gldm	DependenceNonUniformity	51.45945946
original	gldm	GrayLevelNonUniformity	7.108108108
original	gldm	SmallDependenceEmphasis	0.52958521
original	gldm	SmallDependenceHighGrayLevelEmphasis	114.3915165
original	gldm	DependenceNonUniformityNormalized	0.34769905
original	gldm	LargeDependenceEmphasis	4.256756757
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.104498521
original	gldm	DependenceVariance	0.829254931
original	gldm	LargeDependenceHighGrayLevelEmphasis	837.9054054
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.013735819
original	gldm	LowGrayLevelEmphasis	0.028494337
original	glcm	JointAverage	13.74211344
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original	glcm	JointEntropy	7.177147114
original	glcm	ClusterShade	354.5909816
original	glcm	MaximumProbability	0.016903079
original	glcm	Idmn	0.947295121
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original	glcm	Contrast	51.91983792
original	glcm	DifferenceEntropy	3.775388799
original	glcm	InverseVariance	0.171254442
original	glcm	DifferenceVariance	18.74073222

original	glcm	Idn	0.847484276
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original	glcm	Correlation	0.389564771
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original	glcm	SumSquares	42.30612364
original	glcm	ClusterProminence	36048.99296
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original	glcm	ClusterTendency	117.3046566
original	firstorder	InterquartileRange	237.25
original	firstorder	Skewness	0.384133113
original	firstorder	Uniformity	0.048027757
original	firstorder	Median	-499.5
original	firstorder	Energy	38368807
original	firstorder	RobustMeanAbsoluteDeviation	96.09420239
original	firstorder	MeanAbsoluteDeviation	131.7205077
original	firstorder	TotalEnergy	1035957789
original	firstorder	Maximum	-88
original	firstorder	RootMeanSquared	509.1647041
original	firstorder	90Percentile	-271
original	firstorder	Minimum	-797
original	firstorder	Entropy	4.577349652
original	firstorder	Range	709
original	firstorder	Variance	25940.11445
original	firstorder	10Percentile	-681.3
original	firstorder	Kurtosis	2.542585321
original	firstorder	Mean	-483.0202703
original	glrlm	ShortRunLowGrayLevelEmphasis	0.027885326
original	glrlm	GrayLevelVariance	42.5022702
original	glrlm	LowGrayLevelRunEmphasis	0.028560992
original	glrlm	GrayLevelNonUniformityNormalized	0.047536662
original	glrlm	RunVariance	0.03376662
original	glrlm	GrayLevelNonUniformity	6.805119094
original	glrlm	LongRunEmphasis	1.103272878
original	glrlm	ShortRunHighGrayLevelEmphasis	211.5901737
original	glrlm	RunLengthNonUniformity	133.9895184
original	glrlm	ShortRunEmphasis	0.974783683
original	glrlm	LongRunHighGrayLevelEmphasis	237.2861634
original	glrlm	RunPercentage	0.967255717
original	glrlm	LongRunLowGrayLevelEmphasis	0.031280374
original	glrlm	RunEntropy	4.709124704
original	glrlm	HighGrayLevelRunEmphasis	216.6600325
original	glrlm	RunLengthNonUniformityNormalized	0.935602585
original	glszm	GrayLevelVariance	46.95246537
original	glszm	ZoneVariance	0.92033241
original	glszm	GrayLevelNonUniformityNormalized	0.04398892
original	glszm	SizeZoneNonUniformityNormalized	0.47700831
original	glszm	SizeZoneNonUniformity	45.31578947
original	glszm	GrayLevelNonUniformity	4.178947368
original	glszm	LargeAreaEmphasis	3.347368421
original	glszm	SmallAreaHighGrayLevelEmphasis	153.0530556
original	glszm	ZonePercentage	0.641891892
original	glszm	LargeAreaLowGrayLevelEmphasis	0.08311425
original	glszm	LargeAreaHighGrayLevelEmphasis	693.0526316
original	glszm	HighGrayLevelZoneEmphasis	219.2526316
original	glszm	SmallAreaEmphasis	0.712611111

original	glszm	LowGrayLevelZoneEmphasis	0.028387579
original	glszm	ZoneEntropy	5.377662124
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017719618
original	ngtdm	Coarseness	0.039432813
original	ngtdm	Complexity	1233.905495
original	ngtdm	Strength	11.50296434
original	ngtdm	Contrast	0.408489536
original	ngtdm	Busyness	0.093680597
wavelet-HHH	gldm	GrayLevelVariance	8.438778305
wavelet-HHH	gldm	HighGrayLevelEmphasis	99.07432432
wavelet-HHH	gldm	DependenceEntropy	5.279324312
wavelet-HHH	gldm	DependenceNonUniformity	35.18918919
wavelet-HHH	gldm	GrayLevelNonUniformity	15.91891892
wavelet-HHH	gldm	SmallDependenceEmphasis	0.389492602
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	41.99157295
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.237764792
wavelet-HHH	gldm	LargeDependenceEmphasis	8.445945946
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.117142921
wavelet-HHH	gldm	DependenceVariance	2.195945946
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	812.3310811
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020322276
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.028558076
wavelet-HHH	glcm	JointAverage	9.520459305
wavelet-HHH	glcm	SumAverage	19.04091861
wavelet-HHH	glcm	JointEntropy	6.264685638
wavelet-HHH	glcm	ClusterShade	-10.52619291
wavelet-HHH	glcm	MaximumProbability	0.040613168
wavelet-HHH	glcm	Idmn	0.951702792
wavelet-HHH	glcm	JointEnergy	0.016080161
wavelet-HHH	glcm	Contrast	18.18408053
wavelet-HHH	glcm	DifferenceEntropy	3.1065812
wavelet-HHH	glcm	InverseVariance	0.263027174
wavelet-HHH	glcm	DifferenceVariance	6.689035855
wavelet-HHH	glcm	Idn	0.854336789
wavelet-HHH	glcm	Idm	0.248322802
wavelet-HHH	glcm	Correlation	-0.035880705
wavelet-HHH	glcm	Autocorrelation	90.36215792
wavelet-HHH	glcm	SumEntropy	3.870425287
wavelet-HHH	glcm	SumSquares	8.813260125
wavelet-HHH	glcm	ClusterProminence	941.6372081
wavelet-HHH	glcm	Imc2	0.872736512
wavelet-HHH	glcm	Imc1	-0.208078266
wavelet-HHH	glcm	DifferenceAverage	3.360750254
wavelet-HHH	glcm	Id	0.341303751
wavelet-HHH	glcm	ClusterTendency	17.06895997
wavelet-HHH	firstorder	InterquartileRange	85.33151796
wavelet-HHH	firstorder	Skewness	-0.124815705
wavelet-HHH	firstorder	Uniformity	0.107560263
wavelet-HHH	firstorder	Median	0.484671588
wavelet-HHH	firstorder	Energy	769158.7602
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	36.13127959
wavelet-HHH	firstorder	MeanAbsoluteDeviation	55.40045538
wavelet-HHH	firstorder	TotalEnergy	20767286.53
wavelet-HHH	firstorder	Maximum	205.1984167
wavelet-HHH	firstorder	RootMeanSquared	72.0903506
wavelet-HHH	firstorder	90Percentile	95.60715432
wavelet-HHH	firstorder	Minimum	-208.810421
wavelet-HHH	firstorder	Entropy	3.489303566
wavelet-HHH	firstorder	Range	414.0088377

wavelet-HHH	firstorder	Variance	5197.018553
wavelet-HHH	firstorder	10Percentile	-85.52879581
wavelet-HHH	firstorder	Kurtosis	3.395890728
wavelet-HHH	firstorder	Mean	0.00986166
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.029008812
wavelet-HHH	glrlm	GrayLevelVariance	8.780572921
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.029552549
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.104592646
wavelet-HHH	glrlm	RunVariance	0.069723228
wavelet-HHH	glrlm	GrayLevelNonUniformity	14.5920671
wavelet-HHH	glrlm	LongRunEmphasis	1.19825329
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	95.25341778
wavelet-HHH	glrlm	RunLengthNonUniformity	124.8781178
wavelet-HHH	glrlm	ShortRunEmphasis	0.957022676
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	118.1885176
wavelet-HHH	glrlm	RunPercentage	0.942307692
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.032009005
wavelet-HHH	glrlm	RunEntropy	3.769640394
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	99.32782193
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.894325519
wavelet-HHH	glszm	GrayLevelVariance	14.73940828
wavelet-HHH	glszm	ZoneVariance	10.38485207
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.078343195
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.433372781
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wavelet-HHH	glszm	GrayLevelNonUniformity	5.092307692
wavelet-HHH	glszm	LargeAreaEmphasis	15.56923077
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	77.09994603
wavelet-HHH	glszm	ZonePercentage	0.439189189
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.212965851
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1515.707692
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	106.0153846
wavelet-HHH	glszm	SmallAreaEmphasis	0.682985148
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.048218111
wavelet-HHH	glszm	ZoneEntropy	4.902460313
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.043299605
wavelet-HHH	ngtdm	Coarseness	0.042608067
wavelet-HHH	ngtdm	Complexity	222.6678832
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wavelet-HHH	ngtdm	Contrast	0.164785663
wavelet-HHH	ngtdm	Busyness	0.156309993
wavelet-HLL	gldm	GrayLevelVariance	21.69649379
wavelet-HLL	gldm	HighGrayLevelEmphasis	160.5540541
wavelet-HLL	gldm	DependenceEntropy	5.784905477
wavelet-HLL	gldm	DependenceNonUniformity	33.32432432
wavelet-HLL	gldm	GrayLevelNonUniformity	9.635135135
wavelet-HLL	gldm	SmallDependenceEmphasis	0.418630761
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	79.61196069
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.225164354
wavelet-HLL	gldm	LargeDependenceEmphasis	8.432432432
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.122429261
wavelet-HLL	gldm	DependenceVariance	2.11468225
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1179.608108
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018381114
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.025481333
wavelet-HLL	glcm	JointAverage	11.61258911
wavelet-HLL	glcm	SumAverage	23.22517823
wavelet-HLL	glcm	JointEntropy	6.842451492
wavelet-HLL	glcm	ClusterShade	80.68038814

wavelet-HLL	glcm	MaximumProbability	0.024868417
wavelet-HLL	glcm	Idmn	0.951679367
wavelet-HLL	glcm	JointEnergy	0.009994718
wavelet-HLL	glcm	Contrast	30.01097071
wavelet-HLL	glcm	DifferenceEntropy	3.396903854
wavelet-HLL	glcm	InverseVariance	0.209694102
wavelet-HLL	glcm	DifferenceVariance	11.31738115
wavelet-HLL	glcm	Idn	0.856166919
wavelet-HLL	glcm	Idm	0.216677128
wavelet-HLL	glcm	Correlation	0.260134557
wavelet-HLL	glcm	Autocorrelation	140.3876656
wavelet-HLL	glcm	SumEntropy	4.582182903
wavelet-HLL	glcm	SumSquares	20.51863631
wavelet-HLL	glcm	ClusterProminence	6577.425358
wavelet-HLL	glcm	Imc2	0.9551599
wavelet-HLL	glcm	Imc1	-0.30387981
wavelet-HLL	glcm	DifferenceAverage	4.254357581
wavelet-HLL	glcm	Id	0.310025232
wavelet-HLL	glcm	ClusterTendency	52.06357454
wavelet-HLL	firstorder	InterquartileRange	179.0653366
wavelet-HLL	firstorder	Skewness	0.164003283
wavelet-HLL	firstorder	Uniformity	0.065102264
wavelet-HLL	firstorder	Median	-44.53693376
wavelet-HLL	firstorder	Energy	2269035.063
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	73.41729204
wavelet-HLL	firstorder	MeanAbsoluteDeviation	97.58621626
wavelet-HLL	firstorder	TotalEnergy	61263946.7
wavelet-HLL	firstorder	Maximum	243.3761955
wavelet-HLL	firstorder	RootMeanSquared	123.8196995
wavelet-HLL	firstorder	90Percentile	100.4803782
wavelet-HLL	firstorder	Minimum	-319.3087036
wavelet-HLL	firstorder	Entropy	4.084390933
wavelet-HLL	firstorder	Range	562.6848991
wavelet-HLL	firstorder	Variance	13535.0095
wavelet-HLL	firstorder	10Percentile	-196.1012611
wavelet-HLL	firstorder	Kurtosis	2.453633081
wavelet-HLL	firstorder	Mean	-42.38287969
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.025705559
wavelet-HLL	glrlm	GrayLevelVariance	22.04893159
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.026274801
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.064321788
wavelet-HLL	glrlm	RunVariance	0.063521005
wavelet-HLL	glrlm	GrayLevelNonUniformity	8.966361108
wavelet-HLL	glrlm	LongRunEmphasis	1.192887428
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	155.8444288
wavelet-HLL	glrlm	RunLengthNonUniformity	123.9945996
wavelet-HLL	glrlm	ShortRunEmphasis	0.954911453
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	188.5024292
wavelet-HLL	glrlm	RunPercentage	0.941787942
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.028758937
wavelet-HLL	glrlm	RunEntropy	4.342366144
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	162.0162678
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.888609331
wavelet-HLL	glszm	GrayLevelVariance	28.81333069
wavelet-HLL	glszm	ZoneVariance	4.61257687
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.057329895
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.480261853
wavelet-HLL	glszm	SizeZoneNonUniformity	34.09859155
wavelet-HLL	glszm	GrayLevelNonUniformity	4.070422535



wavelet-HLL	glszm	LargeAreaEmphasis	8.957746479
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	143.6319691
wavelet-HLL	glszm	ZonePercentage	0.47972973
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.14035451
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1217.183099
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	184.8873239
wavelet-HLL	glszm	SmallAreaEmphasis	0.717349037
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.039938839
wavelet-HLL	glszm	ZoneEntropy	5.117575112
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.036585893
wavelet-HLL	ngtdm	Coarseness	0.039646709
wavelet-HLL	ngtdm	Complexity	504.2642424
wavelet-HLL	ngtdm	Strength	5.724367253
wavelet-HLL	ngtdm	Contrast	0.309412985
wavelet-HLL	ngtdm	Busyness	0.134337506
wavelet-LHL	gldm	GrayLevelVariance	42.63636779
wavelet-LHL	gldm	HighGrayLevelEmphasis	465.9391892
wavelet-LHL	gldm	DependenceEntropy	5.710213018
wavelet-LHL	gldm	DependenceNonUniformity	47.22972973
wavelet-LHL	gldm	GrayLevelNonUniformity	7.608108108
wavelet-LHL	gldm	SmallDependenceEmphasis	0.511415165
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	228.0713007
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.319119795
wavelet-LHL	gldm	LargeDependenceEmphasis	4.783783784
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.032933266
wavelet-LHL	gldm	DependenceVariance	0.997078159
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2402.358108
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009837171
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013685991
wavelet-LHL	glcm	JointAverage	20.24448776
wavelet-LHL	glcm	SumAverage	40.48897552
wavelet-LHL	glcm	JointEntropy	7.12183403
wavelet-LHL	glcm	ClusterShade	-348.9381312
wavelet-LHL	glcm	MaximumProbability	0.021087329
wavelet-LHL	glcm	Idmn	0.938627517
wavelet-LHL	glcm	JointEnergy	0.007999765
wavelet-LHL	glcm	Contrast	81.72614183
wavelet-LHL	glcm	DifferenceEntropy	3.989198058
wavelet-LHL	glcm	InverseVariance	0.150332378
wavelet-LHL	glcm	DifferenceVariance	30.14222684
wavelet-LHL	glcm	Idn	0.840819569
wavelet-LHL	glcm	Idm	0.148618502
wavelet-LHL	glcm	Correlation	0.014957506
wavelet-LHL	glcm	Autocorrelation	410.6762671
wavelet-LHL	glcm	SumEntropy	4.826265176
wavelet-LHL	glcm	SumSquares	41.69093514
wavelet-LHL	glcm	ClusterProminence	25291.47332
wavelet-LHL	glcm	Imc2	0.985728037
wavelet-LHL	glcm	Imc1	-0.404625875
wavelet-LHL	glcm	DifferenceAverage	6.979161281
wavelet-LHL	glcm	Id	0.235861289
wavelet-LHL	glcm	ClusterTendency	85.03759871
wavelet-LHL	firstorder	InterquartileRange	210.9809952
wavelet-LHL	firstorder	Skewness	-0.717844159
wavelet-LHL	firstorder	Uniformity	0.051406136
wavelet-LHL	firstorder	Median	4.544265586
wavelet-LHL	firstorder	Energy	4005391.882
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	87.59413036
wavelet-LHL	firstorder	MeanAbsoluteDeviation	128.950566

wavelet-LHL	firstorder	TotalEnergy	108145580.8
wavelet-LHL	firstorder	Maximum	281.9274238
wavelet-LHL	firstorder	RootMeanSquared	164.5097525
wavelet-LHL	firstorder	90Percentile	149.6482475
wavelet-LHL	firstorder	Minimum	-509.8309151
wavelet-LHL	firstorder	Entropy	4.48453975
wavelet-LHL	firstorder	Range	791.758339
wavelet-LHL	firstorder	Variance	26549.49596
wavelet-LHL	firstorder	10Percentile	-234.0554604
wavelet-LHL	firstorder	Kurtosis	3.336291044
wavelet-LHL	firstorder	Mean	-22.67074544
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013802664
wavelet-LHL	glrlm	GrayLevelVariance	43.19650255
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.013974635
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.050777234
wavelet-LHL	glrlm	RunVariance	0.039582238
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.241784732
wavelet-LHL	glrlm	LongRunEmphasis	1.117340681
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	450.9476424
wavelet-LHL	glrlm	RunLengthNonUniformity	132.7296225
wavelet-LHL	glrlm	ShortRunEmphasis	0.972488042
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	523.6065121
wavelet-LHL	glrlm	RunPercentage	0.963617464
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014675599
wavelet-LHL	glrlm	RunEntropy	4.636202078
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	464.631589
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.930233179
wavelet-LHL	glszm	GrayLevelVariance	50.82024691
wavelet-LHL	glszm	ZoneVariance	1.562469136
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.045679012
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.478518519
wavelet-LHL	glszm	SizeZoneNonUniformity	43.06666667
wavelet-LHL	glszm	GrayLevelNonUniformity	4.111111111
wavelet-LHL	glszm	LargeAreaEmphasis	4.266666667
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	315.7162513
wavelet-LHL	glszm	ZonePercentage	0.608108108
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.034099456
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2123.3
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	449.0444444
wavelet-LHL	glszm	SmallAreaEmphasis	0.717529998
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.018051263
wavelet-LHL	glszm	ZoneEntropy	5.46586758
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01514573
wavelet-LHL	ngtdm	Coarseness	0.03041885
wavelet-LHL	ngtdm	Complexity	1688.893836
wavelet-LHL	ngtdm	Strength	8.908473504
wavelet-LHL	ngtdm	Contrast	0.603779602
wavelet-LHL	ngtdm	Busyness	0.060399288
wavelet-LHH	gldm	GrayLevelVariance	16.51734843
wavelet-LHH	gldm	HighGrayLevelEmphasis	225.2027027
wavelet-LHH	gldm	DependenceEntropy	5.229960272
wavelet-LHH	gldm	DependenceNonUniformity	46.63513514
wavelet-LHH	gldm	GrayLevelNonUniformity	11.41891892
wavelet-LHH	gldm	SmallDependenceEmphasis	0.520576201
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	123.5307376
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.315102264
wavelet-LHH	gldm	LargeDependenceEmphasis	4.743243243
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.033686912
wavelet-LHH	gldm	DependenceVariance	0.956537619

wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1058.959459
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011801022
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.014465149
wavelet-LHH	glcm	JointAverage	14.50422262
wavelet-LHH	glcm	SumAverage	29.00844525
wavelet-LHH	glcm	JointEntropy	6.785664694
wavelet-LHH	glcm	ClusterShade	-44.88479029
wavelet-LHH	glcm	MaximumProbability	0.025944054
wavelet-LHH	glcm	Idmn	0.948128562
wavelet-LHH	glcm	JointEnergy	0.010474882
wavelet-LHH	glcm	Contrast	39.01517561
wavelet-LHH	glcm	DifferenceEntropy	3.509665618
wavelet-LHH	glcm	InverseVariance	0.210705274
wavelet-LHH	glcm	DifferenceVariance	14.96373781
wavelet-LHH	glcm	Idn	0.851266502
wavelet-LHH	glcm	Idm	0.183485006
wavelet-LHH	glcm	Correlation	-0.020340399
wavelet-LHH	glcm	Autocorrelation	210.0301219
wavelet-LHH	glcm	SumEntropy	4.345693009
wavelet-LHH	glcm	SumSquares	19.15735826
wavelet-LHH	glcm	ClusterProminence	5138.85194
wavelet-LHH	glcm	Imc2	0.955367608
wavelet-LHH	glcm	Imc1	-0.307858525
wavelet-LHH	glcm	DifferenceAverage	4.826872541
wavelet-LHH	glcm	Id	0.277706357
wavelet-LHH	glcm	ClusterTendency	37.61425745
wavelet-LHH	firstorder	InterquartileRange	120.7578905
wavelet-LHH	firstorder	Skewness	-0.164155158
wavelet-LHH	firstorder	Uniformity	0.077154858
wavelet-LHH	firstorder	Median	-5.411758607
wavelet-LHH	firstorder	Energy	1536737.241
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	52.33470872
wavelet-LHH	firstorder	MeanAbsoluteDeviation	78.82748628
wavelet-LHH	firstorder	TotalEnergy	41491905.51
wavelet-LHH	firstorder	Maximum	268.4471017
wavelet-LHH	firstorder	RootMeanSquared	101.898772
wavelet-LHH	firstorder	90Percentile	133.8374287
wavelet-LHH	firstorder	Minimum	-343.6808815
wavelet-LHH	firstorder	Entropy	3.947938331
wavelet-LHH	firstorder	Range	612.1279832
wavelet-LHH	firstorder	Variance	10378.03404
wavelet-LHH	firstorder	10Percentile	-121.7003009
wavelet-LHH	firstorder	Kurtosis	3.722516098
wavelet-LHH	firstorder	Mean	-2.307746825
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.01466633
wavelet-LHH	glrlm	GrayLevelVariance	16.86884842
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.014816357
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.076102616
wavelet-LHH	glrlm	RunVariance	0.03738694
wavelet-LHH	glrlm	GrayLevelNonUniformity	10.85241304
wavelet-LHH	glrlm	LongRunEmphasis	1.115870051
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	219.2331534
wavelet-LHH	glrlm	RunLengthNonUniformity	132.5187928
wavelet-LHH	glrlm	ShortRunEmphasis	0.971656357
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	250.8240547
wavelet-LHH	glrlm	RunPercentage	0.963617464
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.015427556
wavelet-LHH	glrlm	RunEntropy	4.124755475
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	225.4390372

wavelet-LHH	gllm	RunLengthNonUniformityNormalized	0.92834911
wavelet-LHH	glszm	GrayLevelVariance	22.77221074
wavelet-LHH	glszm	ZoneVariance	1.853305785
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.065857438
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.520661157
wavelet-LHH	glszm	SizeZoneNonUniformity	45.81818182
wavelet-LHH	glszm	GrayLevelNonUniformity	5.795454545
wavelet-LHH	glszm	LargeAreaEmphasis	4.681818182
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	181.7059383
wavelet-LHH	glszm	ZonePercentage	0.594594595
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.039789299
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1033.545455
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	233.6818182
wavelet-LHH	glszm	SmallAreaEmphasis	0.748226799
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.020606381
wavelet-LHH	glszm	ZoneEntropy	5.058768199
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.019114534
wavelet-LHH	ngtdm	Coarseness	0.039709458
wavelet-LHH	ngtdm	Complexity	552.4571425
wavelet-LHH	ngtdm	Strength	5.360488803
wavelet-LHH	ngtdm	Contrast	0.257052143
wavelet-LHH	ngtdm	Busyness	0.090165275
wavelet-LLH	gldm	GrayLevelVariance	36.70028305
wavelet-LLH	gldm	HighGrayLevelEmphasis	199.9527027
wavelet-LLH	gldm	DependenceEntropy	5.530177863
wavelet-LLH	gldm	DependenceNonUniformity	37.10810811
wavelet-LLH	gldm	GrayLevelNonUniformity	10.54054054
wavelet-LLH	gldm	SmallDependenceEmphasis	0.452387857
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	102.0452721
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.25073046
wavelet-LLH	gldm	LargeDependenceEmphasis	7.216216216
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.079799668
wavelet-LLH	gldm	DependenceVariance	1.813732652
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1237.317568
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011758634
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.017403749
wavelet-LLH	glcm	JointAverage	12.45611712
wavelet-LLH	glcm	SumAverage	24.91223423
wavelet-LLH	glcm	JointEntropy	6.763166286
wavelet-LLH	glcm	ClusterShade	1323.57279
wavelet-LLH	glcm	MaximumProbability	0.027124658
wavelet-LLH	glcm	ldmn	0.973983221
wavelet-LLH	glcm	JointEnergy	0.010799134
wavelet-LLH	glcm	Contrast	47.84243992
wavelet-LLH	glcm	DifferenceEntropy	3.597659727
wavelet-LLH	glcm	InverseVariance	0.187779327
wavelet-LLH	glcm	DifferenceVariance	21.41023293
wavelet-LLH	glcm	ldn	0.896940213
wavelet-LLH	glcm	ldm	0.194494269
wavelet-LLH	glcm	Correlation	0.227534035
wavelet-LLH	glcm	Autocorrelation	162.1400387
wavelet-LLH	glcm	SumEntropy	4.473611712
wavelet-LLH	glcm	SumSquares	30.89931183
wavelet-LLH	glcm	ClusterProminence	60281.88237
wavelet-LLH	glcm	lmc2	0.962564594
wavelet-LLH	glcm	lmc1	-0.325226085
wavelet-LLH	glcm	DifferenceAverage	5.019922598
wavelet-LLH	glcm	ld	0.288955393
wavelet-LLH	glcm	ClusterTendency	75.75480741

wavelet-LLH	firstorder	InterquartileRange	127.6197584
wavelet-LLH	firstorder	Skewness	2.096207219
wavelet-LLH	firstorder	Uniformity	0.071219869
wavelet-LLH	firstorder	Median	13.09862989
wavelet-LLH	firstorder	Energy	3555109.869
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	58.61899406
wavelet-LLH	firstorder	MeanAbsoluteDeviation	101.2644913
wavelet-LLH	firstorder	TotalEnergy	95987966.45
wavelet-LLH	firstorder	Maximum	724.0434263
wavelet-LLH	firstorder	RootMeanSquared	154.987137
wavelet-LLH	firstorder	90Percentile	163.0911207
wavelet-LLH	firstorder	Minimum	-251.9846923
wavelet-LLH	firstorder	Entropy	4.121834672
wavelet-LLH	firstorder	Range	976.0281185
wavelet-LLH	firstorder	Variance	22974.47404
wavelet-LLH	firstorder	10Percentile	-123.938655
wavelet-LLH	firstorder	Kurtosis	10.01835482
wavelet-LLH	firstorder	Mean	32.35024857
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017367104
wavelet-LLH	glrlm	GrayLevelVariance	37.63903199
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.017786358
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.069737666
wavelet-LLH	glrlm	RunVariance	0.056283247
wavelet-LLH	glrlm	GrayLevelNonUniformity	9.793843954
wavelet-LLH	glrlm	LongRunEmphasis	1.17022061
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	195.0616874
wavelet-LLH	glrlm	RunLengthNonUniformity	127.10658
wavelet-LLH	glrlm	ShortRunEmphasis	0.960622806
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	230.6501615
wavelet-LLH	glrlm	RunPercentage	0.949064449
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.019532612
wavelet-LLH	glrlm	RunEntropy	4.341738952
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	201.6479607
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.903084131
wavelet-LLH	glszm	GrayLevelVariance	49.31068739
wavelet-LLH	glszm	ZoneVariance	4.363723762
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.062009293
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.48149335
wavelet-LLH	glszm	SizeZoneNonUniformity	38.03797468
wavelet-LLH	glszm	GrayLevelNonUniformity	4.898734177
wavelet-LLH	glszm	LargeAreaEmphasis	7.873417722
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	166.5888187
wavelet-LLH	glszm	ZonePercentage	0.533783784
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.078667247
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1435.481013
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	220.2911392
wavelet-LLH	glszm	SmallAreaEmphasis	0.720782373
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.024015072
wavelet-LLH	glszm	ZoneEntropy	5.141141869
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020893454
wavelet-LLH	ngtdm	Coarseness	0.037309483
wavelet-LLH	ngtdm	Complexity	1204.773912
wavelet-LLH	ngtdm	Strength	15.22814036
wavelet-LLH	ngtdm	Contrast	0.398860932
wavelet-LLH	ngtdm	Busyness	0.087936596
wavelet-LLL	gldm	GrayLevelVariance	252.1599708
wavelet-LLL	gldm	HighGrayLevelEmphasis	1188.189189
wavelet-LLL	gldm	DependenceEntropy	6.033688038
wavelet-LLL	gldm	DependenceNonUniformity	63.43243243

wavelet-LLL	gldm	GrayLevelNonUniformity	3.513513514
wavelet-LLL	gldm	SmallDependenceEmphasis	0.653387763
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	892.8943788
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.428597516
wavelet-LLL	gldm	LargeDependenceEmphasis	2.972972973
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01822821
wavelet-LLL	gldm	DependenceVariance	0.515704894
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2624.72973
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009097312
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.010220721
wavelet-LLL	glcm	JointAverage	32.21402089
wavelet-LLL	glcm	SumAverage	64.42804179
wavelet-LLL	glcm	JointEntropy	7.447632441
wavelet-LLL	glcm	ClusterShade	8122.153668
wavelet-LLL	glcm	MaximumProbability	0.011640373
wavelet-LLL	glcm	Idmn	0.970148908
wavelet-LLL	glcm	JointEnergy	0.005966349
wavelet-LLL	glcm	Contrast	173.8765256
wavelet-LLL	glcm	DifferenceEntropy	4.427955032
wavelet-LLL	glcm	InverseVariance	0.086950243
wavelet-LLL	glcm	DifferenceVariance	55.78446215
wavelet-LLL	glcm	Idn	0.881205833
wavelet-LLL	glcm	Idm	0.088635599
wavelet-LLL	glcm	Correlation	0.623111033
wavelet-LLL	glcm	Autocorrelation	1180.847576
wavelet-LLL	glcm	SumEntropy	5.801736025
wavelet-LLL	glcm	SumSquares	229.7815835
wavelet-LLL	glcm	ClusterProminence	1456199.859
wavelet-LLL	glcm	Imc2	0.999609146
wavelet-LLL	glcm	Imc1	-0.651337467
wavelet-LLL	glcm	DifferenceAverage	10.53680736
wavelet-LLL	glcm	Id	0.168522316
wavelet-LLL	glcm	ClusterTendency	745.2498085
wavelet-LLL	firstorder	InterquartileRange	528.9094462
wavelet-LLL	firstorder	Skewness	0.597140759
wavelet-LLL	firstorder	Uniformity	0.023739956
wavelet-LLL	firstorder	Median	-1462.349455
wavelet-LLL	firstorder	Energy	312140730.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	229.3876496
wavelet-LLL	firstorder	MeanAbsoluteDeviation	322.8697203
wavelet-LLL	firstorder	TotalEnergy	8427799721
wavelet-LLL	firstorder	Maximum	-327.6348197
wavelet-LLL	firstorder	RootMeanSquared	1452.259959
wavelet-LLL	firstorder	90Percentile	-804.1794952
wavelet-LLL	firstorder	Minimum	-2137.155173
wavelet-LLL	firstorder	Entropy	5.573794695
wavelet-LLL	firstorder	Range	1809.520353
wavelet-LLL	firstorder	Variance	157265.0974
wavelet-LLL	firstorder	10Percentile	-1859.465071
wavelet-LLL	firstorder	Kurtosis	2.721263673
wavelet-LLL	firstorder	Mean	-1397.066173
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.010302345
wavelet-LLL	glrlm	GrayLevelVariance	253.5174225
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.010366347
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.023696264
wavelet-LLL	glrlm	RunVariance	0.021797631
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.430505062
wavelet-LLL	glrlm	LongRunEmphasis	1.067792538
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1184.417312

wavelet-LLL	gllm	RunLengthNonUniformity	138.5350176
wavelet-LLL	gllm	ShortRunEmphasis	0.983051865
wavelet-LLL	gllm	LongRunHighGrayLevelEmphasis	1250.035878
wavelet-LLL	gllm	RunPercentage	0.978170478
wavelet-LLL	gllm	LongRunLowGrayLevelEmphasis	0.010622357
wavelet-LLL	gllm	RunEntropy	5.631592096
wavelet-LLL	gllm	HighGrayLevelRunEmphasis	1197.541025
wavelet-LLL	gllm	RunLengthNonUniformityNormalized	0.956404738
wavelet-LLL	glszm	GrayLevelVariance	274.3296694
wavelet-LLL	glszm	ZoneVariance	0.480661157
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023636364
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.601983471
wavelet-LLL	glszm	SizeZoneNonUniformity	66.21818182
wavelet-LLL	glszm	GrayLevelNonUniformity	2.6
wavelet-LLL	glszm	LargeAreaEmphasis	2.290909091
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1135.119255
wavelet-LLL	glszm	ZonePercentage	0.743243243
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017482135
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2274.872727
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1316.445455
wavelet-LLL	glszm	SmallAreaEmphasis	0.804482323
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.012570718
wavelet-LLL	glszm	ZoneEntropy	5.910917841
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012025258
wavelet-LLL	ngtdm	Coarseness	0.048008585
wavelet-LLL	ngtdm	Complexity	8601.156092
wavelet-LLL	ngtdm	Strength	76.99433198
wavelet-LLL	ngtdm	Contrast	1.023231642
wavelet-LLL	ngtdm	Busyness	0.019809168
wavelet-HHL	gldm	GrayLevelVariance	12.1086103
wavelet-HHL	gldm	HighGrayLevelEmphasis	108.4932432
wavelet-HHL	gldm	DependenceEntropy	5.375579319
wavelet-HHL	gldm	DependenceNonUniformity	39.56756757
wavelet-HHL	gldm	GrayLevelNonUniformity	13.08108108
wavelet-HHL	gldm	SmallDependenceEmphasis	0.428100486
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	47.84647258
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.26734843
wavelet-HHL	gldm	LargeDependenceEmphasis	6.783783784
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.09605892
wavelet-HHL	gldm	DependenceVariance	1.629656684
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	721.2635135
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015949028
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.024017965
wavelet-HHL	glcm	JointAverage	9.789365954
wavelet-HHL	glcm	SumAverage	19.57873191
wavelet-HHL	glcm	JointEntropy	6.525993735
wavelet-HHL	glcm	ClusterShade	2.757085305
wavelet-HHL	glcm	MaximumProbability	0.032372261
wavelet-HHL	glcm	Idmn	0.938595778
wavelet-HHL	glcm	JointEnergy	0.013008315
wavelet-HHL	glcm	Contrast	26.30893101
wavelet-HHL	glcm	DifferenceEntropy	3.300887665
wavelet-HHL	glcm	InverseVariance	0.213754028
wavelet-HHL	glcm	DifferenceVariance	8.755251898
wavelet-HHL	glcm	Idn	0.835189362
wavelet-HHL	glcm	Idm	0.206073848
wavelet-HHL	glcm	Correlation	-0.011301235
wavelet-HHL	glcm	Autocorrelation	95.69006296
wavelet-HHL	glcm	SumEntropy	4.144082923

wavelet-HHL	glcm	SumSquares	13.00929103
wavelet-HHL	glcm	ClusterProminence	1889.626157
wavelet-HHL	glcm	Imc2	0.917881719
wavelet-HHL	glcm	Imc1	-0.250702998
wavelet-HHL	glcm	DifferenceAverage	4.120431583
wavelet-HHL	glcm	Id	0.301938788
wavelet-HHL	glcm	ClusterTendency	25.72823312
wavelet-HHL	firstorder	InterquartileRange	113.2041193
wavelet-HHL	firstorder	Skewness	0.090702277
wavelet-HHL	firstorder	Uniformity	0.088385683
wavelet-HHL	firstorder	Median	2.181175029
wavelet-HHL	firstorder	Energy	1127962.976
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	49.88334352
wavelet-HHL	firstorder	MeanAbsoluteDeviation	70.81679935
wavelet-HHL	firstorder	TotalEnergy	30455000.36
wavelet-HHL	firstorder	Maximum	242.2995642
wavelet-HHL	firstorder	RootMeanSquared	87.30046656
wavelet-HHL	firstorder	90Percentile	113.1817575
wavelet-HHL	firstorder	Minimum	-205.3348786
wavelet-HHL	firstorder	Entropy	3.709945178
wavelet-HHL	firstorder	Range	447.6344428
wavelet-HHL	firstorder	Variance	7555.71577
wavelet-HHL	firstorder	10Percentile	-99.44169169
wavelet-HHL	firstorder	Kurtosis	2.703127775
wavelet-HHL	firstorder	Mean	8.102819907
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024085914
wavelet-HHL	glrlm	GrayLevelVariance	12.3758731
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.024578095
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.087038719
wavelet-HHL	glrlm	RunVariance	0.054185783
wavelet-HHL	glrlm	GrayLevelNonUniformity	12.25283898
wavelet-HHL	glrlm	LongRunEmphasis	1.161400474
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	104.7378692
wavelet-HHL	glrlm	RunLengthNonUniformity	127.858711
wavelet-HHL	glrlm	ShortRunEmphasis	0.96273409
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	125.5201838
wavelet-HHL	glrlm	RunPercentage	0.951143451
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.026717835
wavelet-HHL	glrlm	RunEntropy	3.946535575
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	108.6777284
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.907313706
wavelet-HHL	glszm	GrayLevelVariance	16.12693333
wavelet-HHL	glszm	ZoneVariance	3.812622222
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.073777778
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.433244444
wavelet-HHL	glszm	SizeZoneNonUniformity	32.49333333
wavelet-HHL	glszm	GrayLevelNonUniformity	5.533333333
wavelet-HHL	glszm	LargeAreaEmphasis	7.706666667
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	77.42751029
wavelet-HHL	glszm	ZonePercentage	0.506756757
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.122333168
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	788.3066667
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	114.5333333
wavelet-HHL	glszm	SmallAreaEmphasis	0.678486831
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.033520229
wavelet-HHL	glszm	ZoneEntropy	4.988902444
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.028931883
wavelet-HHL	ngtdm	Coarseness	0.034287764
wavelet-HHL	ngtdm	Complexity	363.8395396



wavelet-HHL	ngtdm	Strength	3.340870781
wavelet-HHL	ngtdm	Contrast	0.231009129
wavelet-HHL	ngtdm	Busyness	0.177673855
wavelet-HLH	gldm	GrayLevelVariance	10.65467495
wavelet-HLH	gldm	HighGrayLevelEmphasis	100.3918919
wavelet-HLH	gldm	DependenceEntropy	5.359338589
wavelet-HLH	gldm	DependenceNonUniformity	33.40540541
wavelet-HLH	gldm	GrayLevelNonUniformity	14.85135135
wavelet-HLH	gldm	SmallDependenceEmphasis	0.412287271
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	40.90299233
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.225712199
wavelet-HLH	gldm	LargeDependenceEmphasis	8.905405405
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.122040138
wavelet-HLH	gldm	DependenceVariance	2.451059167
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	899.472973
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018183196
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.026149726
wavelet-HLH	glcm	JointAverage	9.506749233
wavelet-HLH	glcm	SumAverage	19.01349847
wavelet-HLH	glcm	JointEntropy	6.258745135
wavelet-HLH	glcm	ClusterShade	8.723018941
wavelet-HLH	glcm	MaximumProbability	0.04316715
wavelet-HLH	glcm	Idmn	0.965946429
wavelet-HLH	glcm	JointEnergy	0.015834134
wavelet-HLH	glcm	Contrast	20.26252294
wavelet-HLH	glcm	DifferenceEntropy	3.139133937
wavelet-HLH	glcm	InverseVariance	0.249085525
wavelet-HLH	glcm	DifferenceVariance	7.422784453
wavelet-HLH	glcm	Idn	0.875821813
wavelet-HLH	glcm	Idm	0.240530386
wavelet-HLH	glcm	Correlation	-0.034200411
wavelet-HLH	glcm	Autocorrelation	90.02046092
wavelet-HLH	glcm	SumEntropy	3.939710332
wavelet-HLH	glcm	SumSquares	9.77128796
wavelet-HLH	glcm	ClusterProminence	1194.267153
wavelet-HLH	glcm	Imc2	0.857616326
wavelet-HLH	glcm	Imc1	-0.195039384
wavelet-HLH	glcm	DifferenceAverage	3.526551792
wavelet-HLH	glcm	Id	0.334261658
wavelet-HLH	glcm	ClusterTendency	18.8226289
wavelet-HLH	firstorder	InterquartileRange	104.1708933
wavelet-HLH	firstorder	Skewness	0.275070549
wavelet-HLH	firstorder	Uniformity	0.100346969
wavelet-HLH	firstorder	Median	-6.609615928
wavelet-HLH	firstorder	Energy	988564.6912
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	44.36715851
wavelet-HLH	firstorder	MeanAbsoluteDeviation	63.71308215
wavelet-HLH	firstorder	TotalEnergy	26691246.66
wavelet-HLH	firstorder	Maximum	326.473204
wavelet-HLH	firstorder	RootMeanSquared	81.728154
wavelet-HLH	firstorder	90Percentile	96.68168558
wavelet-HLH	firstorder	Minimum	-202.0906804
wavelet-HLH	firstorder	Entropy	3.520499866
wavelet-HLH	firstorder	Range	528.5638844
wavelet-HLH	firstorder	Variance	6678.386237
wavelet-HLH	firstorder	10Percentile	-109.0133287
wavelet-HLH	firstorder	Kurtosis	4.045321611
wavelet-HLH	firstorder	Mean	-1.05115151
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.026430931

wavelet-HLH	glrlm	GrayLevelVariance	10.9975258
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.027016942
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.097554348
wavelet-HLH	glrlm	RunVariance	0.064381295
wavelet-HLH	glrlm	GrayLevelNonUniformity	13.58634332
wavelet-HLH	glrlm	LongRunEmphasis	1.197189613
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	95.57914931
wavelet-HLH	glrlm	RunLengthNonUniformity	123.682395
wavelet-HLH	glrlm	ShortRunEmphasis	0.953795469
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	120.5498183
wavelet-HLH	glrlm	RunPercentage	0.940748441
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.029479497
wavelet-HLH	glrlm	RunEntropy	3.797891551
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	100.2713139
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.886868396
wavelet-HLH	glszm	GrayLevelVariance	15.48581631
wavelet-HLH	glszm	ZoneVariance	7.23229518
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.083515176
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.458044039
wavelet-HLH	glszm	SizeZoneNonUniformity	32.52112676
wavelet-HLH	glszm	GrayLevelNonUniformity	5.929577465
wavelet-HLH	glszm	LargeAreaEmphasis	11.57746479
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	69.31843521
wavelet-HLH	glszm	ZonePercentage	0.47972973
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.169790733
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1133.859155
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	98.01408451
wavelet-HLH	glszm	SmallAreaEmphasis	0.70241934
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.040250639
wavelet-HLH	glszm	ZoneEntropy	4.791949542
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.035684463
wavelet-HLH	ngtdm	Coarseness	0.035580018
wavelet-HLH	ngtdm	Complexity	306.1711147
wavelet-HLH	ngtdm	Strength	3.653997468
wavelet-HLH	ngtdm	Contrast	0.232767557
wavelet-HLH	ngtdm	Busyness	0.200098043

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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	141
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original	shape	MinorAxis	18.32937438
original	shape	Elongation	0.90917481
original	shape	SurfaceVolumeRatio	0.371610047
original	shape	Volume	3807
original	shape	MajorAxis	20.16045118
original	shape	SurfaceArea	1414.719447
original	shape	Flatness	0.759756491
original	shape	LeastAxis	15.31703364
original	shape	Maximum2DDiameterColumn	19.20937271
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original	gldm	GrayLevelVariance	76.93767919
original	gldm	HighGrayLevelEmphasis	845.5248227
original	gldm	DependenceEntropy	5.901660618
original	gldm	DependenceNonUniformity	26.12056738
original	gldm	GrayLevelNonUniformity	12.53191489
original	gldm	SmallDependenceEmphasis	0.416797459
original	gldm	SmallDependenceHighGrayLevelEmphasis	241.8413545
original	gldm	DependenceNonUniformityNormalized	0.185252251
original	gldm	LargeDependenceEmphasis	24.16312057

original	gldm	LargeDependenceLowGrayLevelEmphasis	0.040908902
original	gldm	DependenceVariance	10.92590916
original	gldm	LargeDependenceHighGrayLevelEmphasis	26129.93617
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.018457842
original	gldm	LowGrayLevelEmphasis	0.019148847
original	glcm	JointAverage	29.20817963
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original	glcm	JointEntropy	6.12417172
original	glcm	ClusterShade	-2497.766634
original	glcm	MaximumProbability	0.087685611
original	glcm	Idmn	0.946188673
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original	glcm	Contrast	93.51393221
original	glcm	DifferenceEntropy	3.701312047
original	glcm	InverseVariance	0.271377953
original	glcm	DifferenceVariance	56.71106623
original	glcm	Idn	0.879284725
original	glcm	Idm	0.31197317
original	glcm	Correlation	0.189680241
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original	glcm	SumSquares	57.67029702
original	glcm	ClusterProminence	96974.40416
original	glcm	Imc2	0.974128152
original	glcm	Imc1	-0.392936876
original	glcm	DifferenceAverage	6.025958415
original	glcm	Id	0.373357454
original	glcm	ClusterTendency	137.1672559
original	firstorder	InterquartileRange	237
original	firstorder	Skewness	-1.463381711
original	firstorder	Uniformity	0.088878829
original	firstorder	Median	-13
original	firstorder	Energy	8793950
original	firstorder	RobustMeanAbsoluteDeviation	114.4858642
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original	firstorder	RootMeanSquared	249.7367408
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original	firstorder	Minimum	-782
original	firstorder	Entropy	4.160084296
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original	firstorder	Variance	48087.34219
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original	firstorder	Kurtosis	4.141963195
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.021141109
original	glrlm	GrayLevelVariance	81.67146655
original	glrlm	LowGrayLevelRunEmphasis	0.021216485
original	glrlm	GrayLevelNonUniformityNormalized	0.075629277
original	glrlm	RunVariance	0.133135414
original	glrlm	GrayLevelNonUniformity	9.590464666

original	glrlm	LongRunEmphasis	1.374925036
original	glrlm	ShortRunHighGrayLevelEmphasis	737.6070934
original	glrlm	RunLengthNonUniformity	104.425207
original	glrlm	ShortRunEmphasis	0.924764853
original	glrlm	LongRunHighGrayLevelEmphasis	1224.275394
original	glrlm	RunPercentage	0.898527005
original	glrlm	LongRunLowGrayLevelEmphasis	0.021586062
original	glrlm	RunEntropy	4.653809582
original	glrlm	HighGrayLevelRunEmphasis	818.7703845
original	glrlm	RunLengthNonUniformityNormalized	0.823078632
original	glszm	GrayLevelVariance	97.14624023
original	glszm	ZoneVariance	17.72436523
original	glszm	GrayLevelNonUniformityNormalized	0.038085938
original	glszm	SizeZoneNonUniformityNormalized	0.604003906
original	glszm	SizeZoneNonUniformity	38.65625
original	glszm	GrayLevelNonUniformity	2.4375
original	glszm	LargeAreaEmphasis	22.578125
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original	glszm	ZonePercentage	0.453900709
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original	glszm	LargeAreaHighGrayLevelEmphasis	24354.26563
original	glszm	HighGrayLevelZoneEmphasis	594.296875
original	glszm	SmallAreaEmphasis	0.801827191
original	glszm	LowGrayLevelZoneEmphasis	0.040856079
original	glszm	ZoneEntropy	5.339614648
original	glszm	SmallAreaLowGrayLevelEmphasis	0.040499422
original	ngtdm	Coarseness	0.023622462
original	ngtdm	Complexity	2812.058878
original	ngtdm	Strength	21.43916637
original	ngtdm	Contrast	0.796997948
original	ngtdm	Busyness	0.032912587
wavelet-HHH	gldm	GrayLevelVariance	14.91655349
wavelet-HHH	gldm	HighGrayLevelEmphasis	124.9432624
wavelet-HHH	gldm	DependenceEntropy	5.436527222
wavelet-HHH	gldm	DependenceNonUniformity	35.55319149
wavelet-HHH	gldm	GrayLevelNonUniformity	11.35460993
wavelet-HHH	gldm	SmallDependenceEmphasis	0.464872871
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	63.61377028
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.252150294
wavelet-HHH	gldm	LargeDependenceEmphasis	7.340425532
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.095570088
wavelet-HHH	gldm	DependenceVariance	1.961973744
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	851.9929078
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023863058
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.030450377
wavelet-HHH	glcm	JointAverage	10.52137702
wavelet-HHH	glcm	SumAverage	21.04275405
wavelet-HHH	glcm	JointEntropy	6.609974293
wavelet-HHH	glcm	ClusterShade	14.2229725
wavelet-HHH	glcm	MaximumProbability	0.034761175
wavelet-HHH	glcm	ldmn	0.950112643
wavelet-HHH	glcm	JointEnergy	0.012326915

wavelet-HHH	glcm	Contrast	30.96480756
wavelet-HHH	glcm	DifferenceEntropy	3.42865815
wavelet-HHH	glcm	InverseVariance	0.221329186
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wavelet-HHH	glcm	Idn	0.853762786
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wavelet-HHH	glcm	SumSquares	14.89360882
wavelet-HHH	glcm	ClusterProminence	2695.838596
wavelet-HHH	glcm	Imc2	0.943987138
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wavelet-HHH	glcm	DifferenceAverage	4.338819878
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wavelet-HHH	firstorder	InterquartileRange	111.2607282
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wavelet-HHH	firstorder	Uniformity	0.080529148
wavelet-HHH	firstorder	Median	-0.95965619
wavelet-HHH	firstorder	Energy	1310628.395
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.17745981
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wavelet-HHH	firstorder	Maximum	321.7582543
wavelet-HHH	firstorder	RootMeanSquared	96.41180863
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wavelet-HHH	firstorder	Minimum	-236.1675275
wavelet-HHH	firstorder	Entropy	3.891557601
wavelet-HHH	firstorder	Range	557.9257818
wavelet-HHH	firstorder	Variance	9295.124689
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wavelet-HHH	firstorder	Kurtosis	3.339002489
wavelet-HHH	firstorder	Mean	-0.334894889
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.031077376
wavelet-HHH	glrlm	GrayLevelVariance	15.47050007
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.03150472
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.078103821
wavelet-HHH	glrlm	RunVariance	0.056367179
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.45620285
wavelet-HHH	glrlm	LongRunEmphasis	1.167648375
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	121.0975245
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	125.481699
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.042646013
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.636130812
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wavelet-HLL	gldm	LargeDependenceEmphasis	3.184397163
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wavelet-HLL	gldm	DependenceVariance	0.592525527
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.010376891
wavelet-HLL	glcm	JointAverage	23.12146547
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wavelet-HLL	glcm	MaximumProbability	0.020240437
wavelet-HLL	glcm	Idmn	0.967495201
wavelet-HLL	glcm	JointEnergy	0.00787397
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wavelet-HLL	glcm	DifferenceEntropy	4.148693084
wavelet-HLL	glcm	InverseVariance	0.141734085
wavelet-HLL	glcm	DifferenceVariance	55.90253373
wavelet-HLL	glcm	Idn	0.885880506
wavelet-HLL	glcm	Idm	0.12430475
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wavelet-HLL	glcm	SumEntropy	5.016336983
wavelet-HLL	glcm	SumSquares	80.72000314
wavelet-HLL	glcm	ClusterProminence	185818.6871
wavelet-HLL	glcm	Imc2	0.996142108

wavelet-HLL	glcm	lmc1	-0.511332647
wavelet-HLL	glcm	DifferenceAverage	8.230002373
wavelet-HLL	glcm	ld	0.212014704
wavelet-HLL	glcm	ClusterTendency	196.7503023
wavelet-HLL	firstorder	InterquartileRange	228.2879699
wavelet-HLL	firstorder	Skewness	0.941129369
wavelet-HLL	firstorder	Uniformity	0.040390322
wavelet-HLL	firstorder	Median	-40.44002667
wavelet-HLL	firstorder	Energy	8862472.642
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	113.8128703
wavelet-HLL	firstorder	MeanAbsoluteDeviation	184.4754011
wavelet-HLL	firstorder	TotalEnergy	239286761.3
wavelet-HLL	firstorder	Maximum	867.0116357
wavelet-HLL	firstorder	RootMeanSquared	250.7078297
wavelet-HLL	firstorder	90Percentile	377.9135643
wavelet-HLL	firstorder	Minimum	-573.4476974
wavelet-HLL	firstorder	Entropy	4.951405958
wavelet-HLL	firstorder	Range	1440.459333
wavelet-HLL	firstorder	Variance	62846.48642
wavelet-HLL	firstorder	10Percentile	-254.0555599
wavelet-HLL	firstorder	Kurtosis	4.207675357
wavelet-HLL	firstorder	Mean	2.815932627
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01052757
wavelet-HLL	glrlm	GrayLevelVariance	102.0457663
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.010570272
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.039941415
wavelet-HLL	glrlm	RunVariance	0.025695917
wavelet-HLL	glrlm	GrayLevelNonUniformity	5.50048841
wavelet-HLL	glrlm	LongRunEmphasis	1.075147827
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	652.2285828
wavelet-HLL	glrlm	RunLengthNonUniformity	131.5888734
wavelet-HLL	glrlm	ShortRunEmphasis	0.982474749
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	700.9685523
wavelet-HLL	glrlm	RunPercentage	0.976541189
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010750684
wavelet-HLL	glrlm	RunEntropy	5.044544993
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	661.4421275
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.955193382
wavelet-HLL	glszm	GrayLevelVariance	124.4867359
wavelet-HLL	glszm	ZoneVariance	0.530276817
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.03479431
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.58496732
wavelet-HLL	glszm	SizeZoneNonUniformity	59.66666667
wavelet-HLL	glszm	GrayLevelNonUniformity	3.549019608
wavelet-HLL	glszm	LargeAreaEmphasis	2.441176471
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	591.9063181
wavelet-HLL	glszm	ZonePercentage	0.723404255
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016817598
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1481.862745
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	703.3137255
wavelet-HLL	glszm	SmallAreaEmphasis	0.792892157
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013426964



wavelet-HLL	glszm	ZoneEntropy	5.704746671
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012912091
wavelet-HLL	ngtdm	Coarseness	0.046258485
wavelet-HLL	ngtdm	Complexity	4498.340992
wavelet-HLL	ngtdm	Strength	34.86832434
wavelet-HLL	ngtdm	Contrast	0.642966672
wavelet-HLL	ngtdm	Busyness	0.025772732
wavelet-LHL	gldm	GrayLevelVariance	112.2355012
wavelet-LHL	gldm	HighGrayLevelEmphasis	778.6808511
wavelet-LHL	gldm	DependenceEntropy	5.819847806
wavelet-LHL	gldm	DependenceNonUniformity	59.15602837
wavelet-LHL	gldm	GrayLevelNonUniformity	5.439716312
wavelet-LHL	gldm	SmallDependenceEmphasis	0.664771474
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	575.1269543
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.4195463
wavelet-LHL	gldm	LargeDependenceEmphasis	3.609929078
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015001939
wavelet-LHL	gldm	DependenceVariance	0.879231427
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2496.411348
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008910776
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.009670612
wavelet-LHL	glcm	JointAverage	25.89879818
wavelet-LHL	glcm	SumAverage	51.79759636
wavelet-LHL	glcm	JointEntropy	7.172232482
wavelet-LHL	glcm	ClusterShade	2122.162959
wavelet-LHL	glcm	MaximumProbability	0.018851054
wavelet-LHL	glcm	Idmn	0.966829626
wavelet-LHL	glcm	JointEnergy	0.007527449
wavelet-LHL	glcm	Contrast	178.9366123
wavelet-LHL	glcm	DifferenceEntropy	4.357181225
wavelet-LHL	glcm	InverseVariance	0.119156046
wavelet-LHL	glcm	DifferenceVariance	79.04452357
wavelet-LHL	glcm	Idn	0.884787152
wavelet-LHL	glcm	Idm	0.114294126
wavelet-LHL	glcm	Correlation	0.044951775
wavelet-LHL	glcm	Autocorrelation	675.1600379
wavelet-LHL	glcm	SumEntropy	5.171275844
wavelet-LHL	glcm	SumSquares	93.77576707
wavelet-LHL	glcm	ClusterProminence	172570.1579
wavelet-LHL	glcm	Imc2	0.996359781
wavelet-LHL	glcm	Imc1	-0.512987971
wavelet-LHL	glcm	DifferenceAverage	9.769144403
wavelet-LHL	glcm	Id	0.196868225
wavelet-LHL	glcm	ClusterTendency	196.166456
wavelet-LHL	firstorder	InterquartileRange	284.067921
wavelet-LHL	firstorder	Skewness	0.95279019
wavelet-LHL	firstorder	Uniformity	0.038579548
wavelet-LHL	firstorder	Median	-56.31464969
wavelet-LHL	firstorder	Energy	10203749.75
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	126.8879757
wavelet-LHL	firstorder	MeanAbsoluteDeviation	196.4600979
wavelet-LHL	firstorder	TotalEnergy	275501243.3

wavelet-LHL	firstorder	Maximum	1014.432969
wavelet-LHL	firstorder	RootMeanSquared	269.0111885
wavelet-LHL	firstorder	90Percentile	245.9373831
wavelet-LHL	firstorder	Minimum	-665.0575316
wavelet-LHL	firstorder	Entropy	4.973980301
wavelet-LHL	firstorder	Range	1679.4905
wavelet-LHL	firstorder	Variance	70510.57184
wavelet-LHL	firstorder	10Percentile	-365.1824224
wavelet-LHL	firstorder	Kurtosis	4.879895375
wavelet-LHL	firstorder	Mean	-43.08651405
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009825361
wavelet-LHL	glrlm	GrayLevelVariance	114.2030168
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.009865812
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.0380749
wavelet-LHL	glrlm	RunVariance	0.027318962
wavelet-LHL	glrlm	GrayLevelNonUniformity	5.234488303
wavelet-LHL	glrlm	LongRunEmphasis	1.080066801
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	770.4783214
wavelet-LHL	glrlm	RunLengthNonUniformity	130.906089
wavelet-LHL	glrlm	ShortRunEmphasis	0.981235626
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	833.5355267
wavelet-LHL	glrlm	RunPercentage	0.974904528
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.010036871
wavelet-LHL	glrlm	RunEntropy	5.073954737
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	782.3647493
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.95195105
wavelet-LHL	glszm	GrayLevelVariance	138.6330436
wavelet-LHL	glszm	ZoneVariance	0.786889793
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.033099112
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.654585799
wavelet-LHL	glszm	SizeZoneNonUniformity	68.07692308
wavelet-LHL	glszm	GrayLevelNonUniformity	3.442307692
wavelet-LHL	glszm	LargeAreaEmphasis	2.625
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	739.5785924
wavelet-LHL	glszm	ZonePercentage	0.737588652
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.015538406
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1911.980769
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	833.2596154
wavelet-LHL	glszm	SmallAreaEmphasis	0.835237714
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.012337048
wavelet-LHL	glszm	ZoneEntropy	5.627854381
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011934565
wavelet-LHL	ngtdm	Coarseness	0.030310923
wavelet-LHL	ngtdm	Complexity	6605.376314
wavelet-LHL	ngtdm	Strength	27.29720615
wavelet-LHL	ngtdm	Contrast	1.039941284
wavelet-LHL	ngtdm	Busyness	0.037596893
wavelet-LHH	gldm	GrayLevelVariance	41.84075248
wavelet-LHH	gldm	HighGrayLevelEmphasis	317.7304965
wavelet-LHH	gldm	DependenceEntropy	5.605091246
wavelet-LHH	gldm	DependenceNonUniformity	44.03546099
wavelet-LHH	gldm	GrayLevelNonUniformity	7.170212766

wavelet-LHH	gldm	SmallDependenceEmphasis	0.512955083
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	158.3340977
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.312308234
wavelet-LHH	gldm	LargeDependenceEmphasis	4.914893617
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041439572
wavelet-LHH	gldm	DependenceVariance	1.055480107
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1544.085106
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021013792
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.023608693
wavelet-LHH	glcm	JointAverage	16.55554121
wavelet-LHH	glcm	SumAverage	33.11108242
wavelet-LHH	glcm	JointEntropy	7.01551167
wavelet-LHH	glcm	ClusterShade	-22.70149053
wavelet-LHH	glcm	MaximumProbability	0.02097195
wavelet-LHH	glcm	ldmn	0.94084023
wavelet-LHH	glcm	JointEnergy	0.008598174
wavelet-LHH	glcm	Contrast	85.01372658
wavelet-LHH	glcm	DifferenceEntropy	4.008647691
wavelet-LHH	glcm	InverseVariance	0.166169532
wavelet-LHH	glcm	DifferenceVariance	35.64961237
wavelet-LHH	glcm	ldn	0.847135685
wavelet-LHH	glcm	ldm	0.159678833
wavelet-LHH	glcm	Correlation	-0.02956095
wavelet-LHH	glcm	Autocorrelation	272.820204
wavelet-LHH	glcm	SumEntropy	4.713556135
wavelet-LHH	glcm	SumSquares	41.20053738
wavelet-LHH	glcm	ClusterProminence	23147.31568
wavelet-LHH	glcm	lmc2	0.988322959
wavelet-LHH	glcm	lmc1	-0.425584684
wavelet-LHH	glcm	DifferenceAverage	6.919906807
wavelet-LHH	glcm	ld	0.245552606
wavelet-LHH	glcm	ClusterTendency	79.78842295
wavelet-LHH	firstorder	InterquartileRange	205.2284656
wavelet-LHH	firstorder	Skewness	0.068770144
wavelet-LHH	firstorder	Uniformity	0.050852573
wavelet-LHH	firstorder	Median	-8.837387793
wavelet-LHH	firstorder	Energy	3657046.414
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	83.16919004
wavelet-LHH	firstorder	MeanAbsoluteDeviation	124.8120963
wavelet-LHH	firstorder	TotalEnergy	98740253.17
wavelet-LHH	firstorder	Maximum	430.4081202
wavelet-LHH	firstorder	RootMeanSquared	161.0481276
wavelet-LHH	firstorder	90Percentile	209.6211632
wavelet-LHH	firstorder	Minimum	-388.1524946
wavelet-LHH	firstorder	Entropy	4.524457511
wavelet-LHH	firstorder	Range	818.5606147
wavelet-LHH	firstorder	Variance	25927.40255
wavelet-LHH	firstorder	10Percentile	-186.0083205
wavelet-LHH	firstorder	Kurtosis	3.147091396
wavelet-LHH	firstorder	Mean	3.016096339
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024204994
wavelet-LHH	glrlm	GrayLevelVariance	42.61789616

wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.024341004
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.0500655
wavelet-LHH	glrlm	RunVariance	0.040562397
wavelet-LHH	glrlm	GrayLevelNonUniformity	6.798684238
wavelet-LHH	glrlm	LongRunEmphasis	1.12048089
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	308.5628046
wavelet-LHH	glrlm	RunLengthNonUniformity	126.19998
wavelet-LHH	glrlm	ShortRunEmphasis	0.971867454
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	355.8814929
wavelet-LHH	glrlm	RunPercentage	0.962902346
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.024919512
wavelet-LHH	glrlm	RunEntropy	4.682500765
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	317.6502088
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.928859813
wavelet-LHH	glszm	GrayLevelVariance	53.53301038
wavelet-LHH	glszm	ZoneVariance	1.824775087
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.043044983
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.495640138
wavelet-LHH	glszm	SizeZoneNonUniformity	42.12941176
wavelet-LHH	glszm	GrayLevelNonUniformity	3.658823529
wavelet-LHH	glszm	LargeAreaEmphasis	4.576470588
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	223.1130159
wavelet-LHH	glszm	ZonePercentage	0.602836879
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.051675495
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1429.2
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	314.0705882
wavelet-LHH	glszm	SmallAreaEmphasis	0.729979475
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.035852294
wavelet-LHH	glszm	ZoneEntropy	5.360467224
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034188227
wavelet-LHH	ngtdm	Coarseness	0.036620585
wavelet-LHH	ngtdm	Complexity	1735.485241
wavelet-LHH	ngtdm	Strength	9.434968451
wavelet-LHH	ngtdm	Contrast	0.555343544
wavelet-LHH	ngtdm	Busyness	0.065184084
wavelet-LLH	gldm	GrayLevelVariance	165.9390373
wavelet-LLH	gldm	HighGrayLevelEmphasis	654.6312057
wavelet-LLH	gldm	DependenceEntropy	6.039136349
wavelet-LLH	gldm	DependenceNonUniformity	57.41134752
wavelet-LLH	gldm	GrayLevelNonUniformity	4.90070922
wavelet-LLH	gldm	SmallDependenceEmphasis	0.658518519
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	523.7018519
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.407172677
wavelet-LLH	gldm	LargeDependenceEmphasis	4.460992908
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.144138215
wavelet-LLH	gldm	DependenceVariance	1.342387204
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1896.985816
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01232112
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.030872323
wavelet-LLH	glcm	JointAverage	20.69187538
wavelet-LLH	glcm	SumAverage	41.38375076
wavelet-LLH	glcm	JointEntropy	7.193021986

wavelet-LLH	glcm	ClusterShade	10125.18946
wavelet-LLH	glcm	MaximumProbability	0.021075222
wavelet-LLH	glcm	Idmn	0.961113658
wavelet-LLH	glcm	JointEnergy	0.007475251
wavelet-LLH	glcm	Contrast	215.631032
wavelet-LLH	glcm	DifferenceEntropy	4.429544716
wavelet-LLH	glcm	InverseVariance	0.109714261
wavelet-LLH	glcm	DifferenceVariance	95.98225189
wavelet-LLH	glcm	Idn	0.878278263
wavelet-LLH	glcm	Idm	0.115465397
wavelet-LLH	glcm	Correlation	0.295492165
wavelet-LLH	glcm	Autocorrelation	473.2203126
wavelet-LLH	glcm	SumEntropy	5.309504283
wavelet-LLH	glcm	SumSquares	152.761631
wavelet-LLH	glcm	ClusterProminence	803177.0212
wavelet-LLH	glcm	Imc2	0.998506221
wavelet-LLH	glcm	Imc1	-0.578116436
wavelet-LLH	glcm	DifferenceAverage	10.54332069
wavelet-LLH	glcm	Id	0.196431731
wavelet-LLH	glcm	ClusterTendency	395.4154921
wavelet-LLH	firstorder	InterquartileRange	319.4420613
wavelet-LLH	firstorder	Skewness	1.100320751
wavelet-LLH	firstorder	Uniformity	0.034756803
wavelet-LLH	firstorder	Median	-57.44532705
wavelet-LLH	firstorder	Energy	14648940.12
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	142.0566682
wavelet-LLH	firstorder	MeanAbsoluteDeviation	235.2815392
wavelet-LLH	firstorder	TotalEnergy	395521383.3
wavelet-LLH	firstorder	Maximum	1136.537155
wavelet-LLH	firstorder	RootMeanSquared	322.3246692
wavelet-LLH	firstorder	90Percentile	458.2083818
wavelet-LLH	firstorder	Minimum	-543.7170718
wavelet-LLH	firstorder	Entropy	5.166806227
wavelet-LLH	firstorder	Range	1680.254227
wavelet-LLH	firstorder	Variance	103788.7617
wavelet-LLH	firstorder	10Percentile	-372.2057997
wavelet-LLH	firstorder	Kurtosis	4.585740563
wavelet-LLH	firstorder	Mean	-10.2191335
wavelet-LLH	gllm	ShortRunLowGrayLevelEmphasis	0.029578125
wavelet-LLH	gllm	GrayLevelVariance	169.4792478
wavelet-LLH	gllm	LowGrayLevelRunEmphasis	0.030537708
wavelet-LLH	gllm	GrayLevelNonUniformityNormalized	0.033848227
wavelet-LLH	gllm	RunVariance	0.032873053
wavelet-LLH	gllm	GrayLevelNonUniformity	4.63411673
wavelet-LLH	gllm	LongRunEmphasis	1.095736991
wavelet-LLH	gllm	ShortRunHighGrayLevelEmphasis	655.3115217
wavelet-LLH	gllm	RunLengthNonUniformity	129.2949464
wavelet-LLH	gllm	ShortRunEmphasis	0.977998517
wavelet-LLH	gllm	LongRunHighGrayLevelEmphasis	698.4627144
wavelet-LLH	gllm	RunPercentage	0.970540098
wavelet-LLH	gllm	LongRunLowGrayLevelEmphasis	0.034401005
wavelet-LLH	gllm	RunEntropy	5.288135652

wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	663.4576089
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.944165814
wavelet-LLH	glszm	GrayLevelVariance	203.623318
wavelet-LLH	glszm	ZoneVariance	1.079296424
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.027681661
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.675317186
wavelet-LLH	glszm	SizeZoneNonUniformity	68.88235294
wavelet-LLH	glszm	GrayLevelNonUniformity	2.823529412
wavelet-LLH	glszm	LargeAreaEmphasis	2.990196078
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	699.4876706
wavelet-LLH	glszm	ZonePercentage	0.723404255
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.108396271
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1475.95098
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	762.3431373
wavelet-LLH	glszm	SmallAreaEmphasis	0.845823718
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.021243094
wavelet-LLH	glszm	ZoneEntropy	5.788709994
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.011767602
wavelet-LLH	ngtdm	Coarseness	0.044579535
wavelet-LLH	ngtdm	Complexity	7181.151111
wavelet-LLH	ngtdm	Strength	49.19268459
wavelet-LLH	ngtdm	Contrast	1.054177692
wavelet-LLH	ngtdm	Busyness	0.028142562
wavelet-LLL	gldm	GrayLevelVariance	455.7812987
wavelet-LLL	gldm	HighGrayLevelEmphasis	3803.347518
wavelet-LLL	gldm	DependenceEntropy	6.160550643
wavelet-LLL	gldm	DependenceNonUniformity	78.14893617
wavelet-LLL	gldm	GrayLevelNonUniformity	3.212765957
wavelet-LLL	gldm	SmallDependenceEmphasis	0.772704886
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2672.405831
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.554247774
wavelet-LLL	gldm	LargeDependenceEmphasis	2.560283688
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008952198
wavelet-LLL	gldm	DependenceVariance	0.568381872
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	12141.50355
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008520629
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00858435
wavelet-LLL	glcm	JointAverage	62.62304552
wavelet-LLL	glcm	SumAverage	125.246091
wavelet-LLL	glcm	JointEntropy	7.3420649
wavelet-LLL	glcm	ClusterShade	-31447.23401
wavelet-LLL	glcm	MaximumProbability	0.012973383
wavelet-LLL	glcm	ldmn	0.947104106
wavelet-LLL	glcm	JointEnergy	0.006425942
wavelet-LLL	glcm	Contrast	481.6980102
wavelet-LLL	glcm	DifferenceEntropy	4.910106158
wavelet-LLL	glcm	InverseVariance	0.075822007
wavelet-LLL	glcm	DifferenceVariance	208.9549215
wavelet-LLL	glcm	ldn	0.857014083
wavelet-LLL	glcm	ldm	0.075500418
wavelet-LLL	glcm	Correlation	0.366038872
wavelet-LLL	glcm	Autocorrelation	4059.40422

wavelet-LLL	glcm	SumEntropy	5.740098315
wavelet-LLL	glcm	SumSquares	377.598725
wavelet-LLL	glcm	ClusterProminence	3539256.531
wavelet-LLL	glcm	Imc2	0.999645033
wavelet-LLL	glcm	Imc1	-0.662101362
wavelet-LLL	glcm	DifferenceAverage	16.18913466
wavelet-LLL	glcm	Id	0.145359437
wavelet-LLL	glcm	ClusterTendency	1028.69689
wavelet-LLL	firstorder	InterquartileRange	864.9451596
wavelet-LLL	firstorder	Skewness	-0.790405341
wavelet-LLL	firstorder	Uniformity	0.022785574
wavelet-LLL	firstorder	Median	-260.9254142
wavelet-LLL	firstorder	Energy	64581792.38
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	331.8085288
wavelet-LLL	firstorder	MeanAbsoluteDeviation	444.8359484
wavelet-LLL	firstorder	TotalEnergy	1743708394
wavelet-LLL	firstorder	Maximum	299.3652941
wavelet-LLL	firstorder	RootMeanSquared	676.7768438
wavelet-LLL	firstorder	90Percentile	150.2403861
wavelet-LLL	firstorder	Minimum	-1846.73752
wavelet-LLL	firstorder	Entropy	5.723325533
wavelet-LLL	firstorder	Range	2146.102814
wavelet-LLL	firstorder	Variance	285498.092
wavelet-LLL	firstorder	10Percentile	-1198.181002
wavelet-LLL	firstorder	Kurtosis	2.725570565
wavelet-LLL	firstorder	Mean	-415.3658681
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008716258
wavelet-LLL	glrlm	GrayLevelVariance	457.1457677
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00871932
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.022385511
wavelet-LLL	glrlm	RunVariance	0.015811164
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.106791053
wavelet-LLL	glrlm	LongRunEmphasis	1.048594756
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3717.334768
wavelet-LLL	glrlm	RunLengthNonUniformity	134.4140609
wavelet-LLL	glrlm	ShortRunEmphasis	0.987851311
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4033.664048
wavelet-LLL	glrlm	RunPercentage	0.984178942
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008731565
wavelet-LLL	glrlm	RunEntropy	5.78282179
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3780.600624
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.968377672
wavelet-LLL	glszm	GrayLevelVariance	468.6518282
wavelet-LLL	glszm	ZoneVariance	0.513897146
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.020065398
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.767390012
wavelet-LLL	glszm	SizeZoneNonUniformity	89.01724138
wavelet-LLL	glszm	GrayLevelNonUniformity	2.327586207
wavelet-LLL	glszm	LargeAreaEmphasis	1.99137931
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3040.362742
wavelet-LLL	glszm	ZonePercentage	0.822695035
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.010607707

wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8868.241379
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3525.025862
wavelet-LLL	glszm	SmallAreaEmphasis	0.89647749
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.010377252
wavelet-LLL	glszm	ZoneEntropy	6.015097913
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010344557
wavelet-LLL	ngtdm	Coarseness	0.031844172
wavelet-LLL	ngtdm	Complexity	22946.74768
wavelet-LLL	ngtdm	Strength	82.51489565
wavelet-LLL	ngtdm	Contrast	2.649895724
wavelet-LLL	ngtdm	Busyness	0.008710267
wavelet-HHL	gldm	GrayLevelVariance	48.29223882
wavelet-HHL	gldm	HighGrayLevelEmphasis	511.3049645
wavelet-HHL	gldm	DependenceEntropy	5.700310551
wavelet-HHL	gldm	DependenceNonUniformity	46.94326241
wavelet-HHL	gldm	GrayLevelNonUniformity	7.283687943
wavelet-HHL	gldm	SmallDependenceEmphasis	0.578534279
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	324.395595
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.332930939
wavelet-HHL	gldm	LargeDependenceEmphasis	5.127659574
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.033768481
wavelet-HHL	gldm	DependenceVariance	1.378904482
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2369.588652
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009648174
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.013342962
wavelet-HHL	glcm	JointAverage	21.47403916
wavelet-HHL	glcm	SumAverage	42.94807832
wavelet-HHL	glcm	JointEntropy	6.998534951
wavelet-HHL	glcm	ClusterShade	-29.12835877
wavelet-HHL	glcm	MaximumProbability	0.023534835
wavelet-HHL	glcm	Idmn	0.949073179
wavelet-HHL	glcm	JointEnergy	0.008859445
wavelet-HHL	glcm	Contrast	93.60794609
wavelet-HHL	glcm	DifferenceEntropy	3.993047476
wavelet-HHL	glcm	InverseVariance	0.181142167
wavelet-HHL	glcm	DifferenceVariance	44.2433393
wavelet-HHL	glcm	Idn	0.862402409
wavelet-HHL	glcm	Idm	0.165693271
wavelet-HHL	glcm	Correlation	-0.014222527
wavelet-HHL	glcm	Autocorrelation	460.1287688
wavelet-HHL	glcm	SumEntropy	4.704721388
wavelet-HHL	glcm	SumSquares	45.77370245
wavelet-HHL	glcm	ClusterProminence	39647.88236
wavelet-HHL	glcm	Imc2	0.989645764
wavelet-HHL	glcm	Imc1	-0.436066922
wavelet-HHL	glcm	DifferenceAverage	6.902972678
wavelet-HHL	glcm	Id	0.251942973
wavelet-HHL	glcm	ClusterTendency	89.48686371
wavelet-HHL	firstorder	InterquartileRange	173.7222656
wavelet-HHL	firstorder	Skewness	0.042336786
wavelet-HHL	firstorder	Uniformity	0.051657361
wavelet-HHL	firstorder	Median	-4.402790913



wavelet-HHL	firstorder	Energy	4227539.157
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	77.80717587
wavelet-HHL	firstorder	MeanAbsoluteDeviation	126.8834633
wavelet-HHL	firstorder	TotalEnergy	114143557.2
wavelet-HHL	firstorder	Maximum	417.4208495
wavelet-HHL	firstorder	RootMeanSquared	173.1546916
wavelet-HHL	firstorder	90Percentile	238.9080514
wavelet-HHL	firstorder	Minimum	-520.4700182
wavelet-HHL	firstorder	Entropy	4.562989668
wavelet-HHL	firstorder	Range	937.8908678
wavelet-HHL	firstorder	Variance	29982.53692
wavelet-HHL	firstorder	10Percentile	-197.447506
wavelet-HHL	firstorder	Kurtosis	3.791666895
wavelet-HHL	firstorder	Mean	-0.101476028
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01344207
wavelet-HHL	glrlm	GrayLevelVariance	49.5456333
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.013611425
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.050434088
wavelet-HHL	glrlm	RunVariance	0.042845054
wavelet-HHL	glrlm	GrayLevelNonUniformity	6.856086765
wavelet-HHL	glrlm	LongRunEmphasis	1.119657535
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	501.8540816
wavelet-HHL	glrlm	RunLengthNonUniformity	126.8868137
wavelet-HHL	glrlm	ShortRunEmphasis	0.973623938
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	567.1757838
wavelet-HHL	glrlm	RunPercentage	0.963993453
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.014329997
wavelet-HHL	glrlm	RunEntropy	4.726909992
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	513.6977984
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.933174921
wavelet-HHL	glszm	GrayLevelVariance	63.2431495
wavelet-HHL	glszm	ZoneVariance	1.540062435
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.043357614
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.588391722
wavelet-HHL	glszm	SizeZoneNonUniformity	54.72043011
wavelet-HHL	glszm	GrayLevelNonUniformity	4.032258065
wavelet-HHL	glszm	LargeAreaEmphasis	3.838709677
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	454.8314852
wavelet-HHL	glszm	ZonePercentage	0.659574468
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.031054704
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1831.311828
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	544.4086022
wavelet-HHL	glszm	SmallAreaEmphasis	0.79422491
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.016280071
wavelet-HHL	glszm	ZoneEntropy	5.361213918
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.013747762
wavelet-HHL	ngtdm	Coarseness	0.040544398
wavelet-HHL	ngtdm	Complexity	2168.121782
wavelet-HHL	ngtdm	Strength	12.49669824
wavelet-HHL	ngtdm	Contrast	0.528775493
wavelet-HHL	ngtdm	Busyness	0.039987917
wavelet-HHL	gldm	GrayLevelVariance	32.50741914

wavelet-HLH	gldm	HighGrayLevelEmphasis	276.177305
wavelet-HLH	gldm	DependenceEntropy	5.609325293
wavelet-HLH	gldm	DependenceNonUniformity	42.60283688
wavelet-HLH	gldm	GrayLevelNonUniformity	7.936170213
wavelet-HLH	gldm	SmallDependenceEmphasis	0.5333052
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	153.2432759
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.302147779
wavelet-HLH	gldm	LargeDependenceEmphasis	5.978723404
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.039507564
wavelet-HLH	gldm	DependenceVariance	1.719330014
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1576.531915
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013025694
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015768314
wavelet-HLH	glcm	JointAverage	15.64337959
wavelet-HLH	glcm	SumAverage	31.28675919
wavelet-HLH	glcm	JointEntropy	6.921927847
wavelet-HLH	glcm	ClusterShade	109.6405002
wavelet-HLH	glcm	MaximumProbability	0.027335691
wavelet-HLH	glcm	ldmn	0.946941026
wavelet-HLH	glcm	JointEnergy	0.009514098
wavelet-HLH	glcm	Contrast	62.15761347
wavelet-HLH	glcm	DifferenceEntropy	3.811633126
wavelet-HLH	glcm	InverseVariance	0.191322983
wavelet-HLH	glcm	DifferenceVariance	25.53609299
wavelet-HLH	glcm	ldn	0.853989775
wavelet-HLH	glcm	ldm	0.180396624
wavelet-HLH	glcm	Correlation	-0.011392006
wavelet-HLH	glcm	Autocorrelation	244.2961898
wavelet-HLH	glcm	SumEntropy	4.579102186
wavelet-HLH	glcm	SumSquares	30.64708646
wavelet-HLH	glcm	ClusterProminence	14332.58805
wavelet-HLH	glcm	lmc2	0.981517938
wavelet-HLH	glcm	lmc1	-0.388093108
wavelet-HLH	glcm	DifferenceAverage	5.933141965
wavelet-HLH	glcm	ld	0.266980468
wavelet-HLH	glcm	ClusterTendency	60.43073239
wavelet-HLH	firstorder	InterquartileRange	164.4282084
wavelet-HLH	firstorder	Skewness	0.130399828
wavelet-HLH	firstorder	Uniformity	0.056284895
wavelet-HLH	firstorder	Median	-5.33384851
wavelet-HLH	firstorder	Energy	2881861.642
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	73.95113476
wavelet-HLH	firstorder	MeanAbsoluteDeviation	110.4685379
wavelet-HLH	firstorder	TotalEnergy	77810264.33
wavelet-HLH	firstorder	Maximum	398.6917543
wavelet-HLH	firstorder	RootMeanSquared	142.9641041
wavelet-HLH	firstorder	90Percentile	184.469763
wavelet-HLH	firstorder	Minimum	-355.4088057
wavelet-HLH	firstorder	Entropy	4.394141997
wavelet-HLH	firstorder	Range	754.10056
wavelet-HLH	firstorder	Variance	20430.30066
wavelet-HLH	firstorder	10Percentile	-191.6262935

wavelet-HLH	firstorder	Kurtosis	3.224784816
wavelet-HLH	firstorder	Mean	2.904201663
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016065336
wavelet-HLH	glrlm	GrayLevelVariance	33.28164631
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.016227296
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.054978369
wavelet-HLH	glrlm	RunVariance	0.044224319
wavelet-HLH	glrlm	GrayLevelNonUniformity	7.435769054
wavelet-HLH	glrlm	LongRunEmphasis	1.132936909
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	268.5068747
wavelet-HLH	glrlm	RunLengthNonUniformity	124.7209905
wavelet-HLH	glrlm	ShortRunEmphasis	0.968684362
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	311.7625347
wavelet-HLH	glrlm	RunPercentage	0.95908347
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.016905951
wavelet-HLH	glrlm	RunEntropy	4.575870177
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	276.7377141
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.92141738
wavelet-HLH	glszm	GrayLevelVariance	42.03820069
wavelet-HLH	glszm	ZoneVariance	2.67183391
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.049411765
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.561522491
wavelet-HLH	glszm	SizeZoneNonUniformity	47.72941176
wavelet-HLH	glszm	GrayLevelNonUniformity	4.2
wavelet-HLH	glszm	LargeAreaEmphasis	5.423529412
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	224.7141532
wavelet-HLH	glszm	ZonePercentage	0.602836879
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04335254
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1451.141176
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	282.1058824
wavelet-HLH	glszm	SmallAreaEmphasis	0.776280764
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.022569227
wavelet-HLH	glszm	ZoneEntropy	5.147527631
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020945405
wavelet-HLH	ngtdm	Coarseness	0.040457687
wavelet-HLH	ngtdm	Complexity	1361.179174
wavelet-HLH	ngtdm	Strength	8.971157207
wavelet-HLH	ngtdm	Contrast	0.39749383
wavelet-HLH	ngtdm	Busyness	0.061993003

Image type	Feature Class	Feature Name	
general	info	BoundingBox	3: RTSTRUCT: C99-DNU_segment_ITV LUL (0, 0, 1, 7, 8, 6)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	151
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original	shape	Maximum2DDiameterSlice	20.1246118
original	shape	Sphericity	0.879441246
original	shape	MinorAxis	18.03378598
original	shape	Elongation	0.883919493
original	shape	SurfaceVolumeRatio	0.344215474
original	shape	Volume	4077
original	shape	MajorAxis	20.40206843
original	shape	SurfaceArea	1403.366489
original	shape	Flatness	0.777273367
original	shape	LeastAxis	15.85798442
original	shape	Maximum2DDiameterColumn	19.20937271
original	shape	Maximum2DDiameterRow	21.63330765
original	gldm	GrayLevelVariance	95.79535985
original	gldm	HighGrayLevelEmphasis	550.5298013
original	gldm	DependenceEntropy	5.660960515
original	gldm	DependenceNonUniformity	41.58278146
original	gldm	GrayLevelNonUniformity	10.29801325
original	gldm	SmallDependenceEmphasis	0.532630083
original	gldm	SmallDependenceHighGrayLevelEmphasis	178.4981477
original	gldm	DependenceNonUniformityNormalized	0.275382659
original	gldm	LargeDependenceEmphasis	20.48344371
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.053003441
original	gldm	DependenceVariance	10.25191878
original	gldm	LargeDependenceHighGrayLevelEmphasis	18714.63576
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014701569
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original	glcm	JointAverage	23.89634164
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original	glcm	JointEntropy	6.48729853
original	glcm	ClusterShade	-2352.931834
original	glcm	MaximumProbability	0.084578817
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original	glcm	SumSquares	82.29401643
original	glcm	ClusterProminence	112151.1847
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original	glcm	ClusterTendency	198.6257727
original	firstorder	InterquartileRange	440
original	firstorder	Skewness	-0.557333551
original	firstorder	Uniformity	0.068198763
original	firstorder	Median	-144
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original	firstorder	RobustMeanAbsoluteDeviation	177.3047568
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original	glrlm	GrayLevelVariance	95.66898652
original	glrlm	LowGrayLevelRunEmphasis	0.020093175
original	glrlm	GrayLevelNonUniformityNormalized	0.054745241
original	glrlm	RunVariance	0.110073621
original	glrlm	GrayLevelNonUniformity	7.588408326
original	glrlm	LongRunEmphasis	1.308340874
original	glrlm	ShortRunHighGrayLevelEmphasis	461.4084181
original	glrlm	RunLengthNonUniformity	117.6781001
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original	glrlm	LongRunHighGrayLevelEmphasis	796.6950141
original	glrlm	RunPercentage	0.915435558
original	glrlm	LongRunLowGrayLevelEmphasis	0.02098424
original	glrlm	RunEntropy	4.882173436
original	glrlm	HighGrayLevelRunEmphasis	517.6577293
original	glrlm	RunLengthNonUniformityNormalized	0.849588502

original	glszm	GrayLevelVariance	78.85728395
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original	glszm	GrayLevelNonUniformityNormalized	0.037777778
original	glszm	SizeZoneNonUniformityNormalized	0.650617284
original	glszm	SizeZoneNonUniformity	58.55555556
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original	glszm	LargeAreaEmphasis	13.25555556
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original	glszm	LargeAreaHighGrayLevelEmphasis	11759.73333
original	glszm	HighGrayLevelZoneEmphasis	361.8444444
original	glszm	SmallAreaEmphasis	0.832554469
original	glszm	LowGrayLevelZoneEmphasis	0.026697913
original	glszm	ZoneEntropy	5.109590563
original	glszm	SmallAreaLowGrayLevelEmphasis	0.02364286
original	ngtdm	Coarseness	0.017148324
original	ngtdm	Complexity	2955.966079
original	ngtdm	Strength	12.55247557
original	ngtdm	Contrast	1.395251629
original	ngtdm	Busyness	0.075839092
wavelet-HHH	gldm	GrayLevelVariance	9.243278804
wavelet-HHH	gldm	HighGrayLevelEmphasis	81.32450331
wavelet-HHH	gldm	DependenceEntropy	5.438533012
wavelet-HHH	gldm	DependenceNonUniformity	27.45033113
wavelet-HHH	gldm	GrayLevelNonUniformity	17.21192053
wavelet-HHH	gldm	SmallDependenceEmphasis	0.327511879
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	31.49926054
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.181790272
wavelet-HHH	gldm	LargeDependenceEmphasis	14.48344371
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.25649456
wavelet-HHH	gldm	DependenceVariance	4.588044384
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1047.562914
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016532304
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.032227494
wavelet-HHH	glcm	JointAverage	8.497470327
wavelet-HHH	glcm	SumAverage	16.99494065
wavelet-HHH	glcm	JointEntropy	6.151181095
wavelet-HHH	glcm	ClusterShade	21.02402995
wavelet-HHH	glcm	MaximumProbability	0.058750279
wavelet-HHH	glcm	Idmn	0.950771745
wavelet-HHH	glcm	JointEnergy	0.019775494
wavelet-HHH	glcm	Contrast	19.05203186
wavelet-HHH	glcm	DifferenceEntropy	3.157724421
wavelet-HHH	glcm	InverseVariance	0.295337568
wavelet-HHH	glcm	DifferenceVariance	8.295764085
wavelet-HHH	glcm	Idn	0.861043264
wavelet-HHH	glcm	Idm	0.294489569
wavelet-HHH	glcm	Correlation	-0.013112662
wavelet-HHH	glcm	Autocorrelation	72.07860623
wavelet-HHH	glcm	SumEntropy	3.91032493
wavelet-HHH	glcm	SumSquares	9.395747295
wavelet-HHH	glcm	ClusterProminence	1283.078139
wavelet-HHH	glcm	Imc2	0.881792298
wavelet-HHH	glcm	Imc1	-0.218902145

wavelet-HHH	glcm	DifferenceAverage	3.255049628
wavelet-HHH	glcm	Id	0.376052476
wavelet-HHH	glcm	ClusterTendency	18.53095732
wavelet-HHH	firstorder	InterquartileRange	77.25573259
wavelet-HHH	firstorder	Skewness	0.276128884
wavelet-HHH	firstorder	Uniformity	0.113986229
wavelet-HHH	firstorder	Median	-2.352307122
wavelet-HHH	firstorder	Energy	864192.1411
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.3072233
wavelet-HHH	firstorder	MeanAbsoluteDeviation	55.66587198
wavelet-HHH	firstorder	TotalEnergy	23333187.81
wavelet-HHH	firstorder	Maximum	227.1620167
wavelet-HHH	firstorder	RootMeanSquared	75.65135003
wavelet-HHH	firstorder	90Percentile	103.1849766
wavelet-HHH	firstorder	Minimum	-178.9394873
wavelet-HHH	firstorder	Entropy	3.481221182
wavelet-HHH	firstorder	Range	406.101504
wavelet-HHH	firstorder	Variance	5723.125162
wavelet-HHH	firstorder	10Percentile	-88.26995688
wavelet-HHH	firstorder	Kurtosis	3.688790327
wavelet-HHH	firstorder	Mean	-0.040003785
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.03226569
wavelet-HHH	glrlm	GrayLevelVariance	9.822431161
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.033457005
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.107431561
wavelet-HHH	glrlm	RunVariance	0.104395055
wavelet-HHH	glrlm	GrayLevelNonUniformity	14.89133355
wavelet-HHH	glrlm	LongRunEmphasis	1.29517704
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	77.56327587
wavelet-HHH	glrlm	RunLengthNonUniformity	117.7993315
wavelet-HHH	glrlm	ShortRunEmphasis	0.937323575
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	103.3797053
wavelet-HHH	glrlm	RunPercentage	0.917473255
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.038892156
wavelet-HHH	glrlm	RunEntropy	3.885310301
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	82.13143337
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.849161732
wavelet-HHH	glszm	GrayLevelVariance	17.4502924
wavelet-HHH	glszm	ZoneVariance	23.17513081
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.08033241
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.41089566
wavelet-HHH	glszm	SizeZoneNonUniformity	23.42105263
wavelet-HHH	glszm	GrayLevelNonUniformity	4.578947368
wavelet-HHH	glszm	LargeAreaEmphasis	30.19298246
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	67.38966337
wavelet-HHH	glszm	ZonePercentage	0.377483444
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.489742222
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2283.859649
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	92.56140351
wavelet-HHH	glszm	SmallAreaEmphasis	0.660716463
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.050726476
wavelet-HHH	glszm	ZoneEntropy	4.797459312
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.038312456
wavelet-HHH	ngtdm	Coarseness	0.043400755
wavelet-HHH	ngtdm	Complexity	285.3656788

wavelet-HHH	ngtdm	Strength	3.797921395
wavelet-HHH	ngtdm	Contrast	0.141001118
wavelet-HHH	ngtdm	Busyness	0.140380978
wavelet-HLL	gldm	GrayLevelVariance	59.71167931
wavelet-HLL	gldm	HighGrayLevelEmphasis	457.3311258
wavelet-HLL	gldm	DependenceEntropy	5.808024362
wavelet-HLL	gldm	DependenceNonUniformity	52.7615894
wavelet-HLL	gldm	GrayLevelNonUniformity	7.21192053
wavelet-HLL	gldm	SmallDependenceEmphasis	0.590925313
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	286.8169095
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.349414499
wavelet-HLL	gldm	LargeDependenceEmphasis	5.079470199
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.023624369
wavelet-HLL	gldm	DependenceVariance	1.466953204
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2034.933775
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008781166
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.010287028
wavelet-HLL	glcm	JointAverage	19.51696671
wavelet-HLL	glcm	SumAverage	39.03393341
wavelet-HLL	glcm	JointEntropy	7.103918475
wavelet-HLL	glcm	ClusterShade	1504.922305
wavelet-HLL	glcm	MaximumProbability	0.020008037
wavelet-HLL	glcm	Idmn	0.963571414
wavelet-HLL	glcm	JointEnergy	0.008158538
wavelet-HLL	glcm	Contrast	76.44454826
wavelet-HLL	glcm	DifferenceEntropy	3.910739866
wavelet-HLL	glcm	InverseVariance	0.14957046
wavelet-HLL	glcm	DifferenceVariance	28.06853997
wavelet-HLL	glcm	Idn	0.874078798
wavelet-HLL	glcm	Idm	0.143554065
wavelet-HLL	glcm	Correlation	0.217622202
wavelet-HLL	glcm	Autocorrelation	392.6388848
wavelet-HLL	glcm	SumEntropy	4.842755902
wavelet-HLL	glcm	SumSquares	49.90768446
wavelet-HLL	glcm	ClusterProminence	70069.62998
wavelet-HLL	glcm	Imc2	0.986335236
wavelet-HLL	glcm	Imc1	-0.406798285
wavelet-HLL	glcm	DifferenceAverage	6.749779579
wavelet-HLL	glcm	Id	0.233702028
wavelet-HLL	glcm	ClusterTendency	123.1861896
wavelet-HLL	firstorder	InterquartileRange	208.5442888
wavelet-HLL	firstorder	Skewness	0.813167715
wavelet-HLL	firstorder	Uniformity	0.047761063
wavelet-HLL	firstorder	Median	-83.71479046
wavelet-HLL	firstorder	Energy	6230270.5
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	97.25802279
wavelet-HLL	firstorder	MeanAbsoluteDeviation	147.0317707
wavelet-HLL	firstorder	TotalEnergy	168217303.5
wavelet-HLL	firstorder	Maximum	501.6712501
wavelet-HLL	firstorder	RootMeanSquared	203.1257481
wavelet-HLL	firstorder	90Percentile	230.3692402
wavelet-HLL	firstorder	Minimum	-540.0424485
wavelet-HLL	firstorder	Entropy	4.646007688
wavelet-HLL	firstorder	Range	1041.713699
wavelet-HLL	firstorder	Variance	37019.72004



wavelet-HLL	firstorder	10Percentile	-282.7942369
wavelet-HLL	firstorder	Kurtosis	3.584993404
wavelet-HLL	firstorder	Mean	-65.11796597
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.010447976
wavelet-HLL	glrlm	GrayLevelVariance	60.6455397
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.010536762
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046888886
wavelet-HLL	glrlm	RunVariance	0.038815439
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.836152226
wavelet-HLL	glrlm	LongRunEmphasis	1.113421983
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	449.3273092
wavelet-HLL	glrlm	RunLengthNonUniformity	136.3711675
wavelet-HLL	glrlm	ShortRunEmphasis	0.974019744
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	505.4505814
wavelet-HLL	glrlm	RunPercentage	0.965359144
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010925445
wavelet-HLL	glrlm	RunEntropy	4.794054277
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	459.4590186
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.934649032
wavelet-HLL	glszm	GrayLevelVariance	67.7131
wavelet-HLL	glszm	ZoneVariance	1.5299
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.0398
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.6018
wavelet-HLL	glszm	SizeZoneNonUniformity	60.18
wavelet-HLL	glszm	GrayLevelNonUniformity	3.98
wavelet-HLL	glszm	LargeAreaEmphasis	3.81
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	394.750954
wavelet-HLL	glszm	ZonePercentage	0.662251656
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.023270195
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1570.19
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	482.65
wavelet-HLL	glszm	SmallAreaEmphasis	0.802335941
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013682375
wavelet-HLL	glszm	ZoneEntropy	5.3978226
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012906683
wavelet-HLL	ngtdm	Coarseness	0.038522357
wavelet-HLL	ngtdm	Complexity	2141.085371
wavelet-HLL	ngtdm	Strength	16.71336428
wavelet-HLL	ngtdm	Contrast	0.54200821
wavelet-HLL	ngtdm	Busyness	0.053855265
wavelet-LHL	gldm	GrayLevelVariance	91.3687119
wavelet-LHL	gldm	HighGrayLevelEmphasis	714.0529801
wavelet-LHL	gldm	DependenceEntropy	5.890570014
wavelet-LHL	gldm	DependenceNonUniformity	50.54966887
wavelet-LHL	gldm	GrayLevelNonUniformity	6.589403974
wavelet-LHL	gldm	SmallDependenceEmphasis	0.583714128
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	477.6988631
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.334766019
wavelet-LHL	gldm	LargeDependenceEmphasis	5.331125828
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.020044538
wavelet-LHL	gldm	DependenceVariance	1.462479716
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3205.721854
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010328999
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.011224976
wavelet-LHL	glcm	JointAverage	24.07213947

wavelet-LHL	glcm	SumAverage	48.14427894
wavelet-LHL	glcm	JointEntropy	7.166003948
wavelet-LHL	glcm	ClusterShade	3128.201776
wavelet-LHL	glcm	MaximumProbability	0.021583166
wavelet-LHL	glcm	Idmn	0.9597204
wavelet-LHL	glcm	JointEnergy	0.007914343
wavelet-LHL	glcm	Contrast	159.1971633
wavelet-LHL	glcm	DifferenceEntropy	4.151528716
wavelet-LHL	glcm	InverseVariance	0.160698152
wavelet-LHL	glcm	DifferenceVariance	83.1988869
wavelet-LHL	glcm	Idn	0.883295048
wavelet-LHL	glcm	Idm	0.15229558
wavelet-LHL	glcm	Correlation	0.123279939
wavelet-LHL	glcm	Autocorrelation	594.1702641
wavelet-LHL	glcm	SumEntropy	5.07796396
wavelet-LHL	glcm	SumSquares	94.15201924
wavelet-LHL	glcm	ClusterProminence	245351.2034
wavelet-LHL	glcm	Imc2	0.995834502
wavelet-LHL	glcm	Imc1	-0.503535355
wavelet-LHL	glcm	DifferenceAverage	8.357030155
wavelet-LHL	glcm	Id	0.236767682
wavelet-LHL	glcm	ClusterTendency	217.4109137
wavelet-LHL	firstorder	InterquartileRange	226.0958228
wavelet-LHL	firstorder	Skewness	0.7192661
wavelet-LHL	firstorder	Uniformity	0.043638437
wavelet-LHL	firstorder	Median	-68.23563133
wavelet-LHL	firstorder	Energy	8888778.773
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	104.4756409
wavelet-LHL	firstorder	MeanAbsoluteDeviation	174.97689
wavelet-LHL	firstorder	TotalEnergy	239997026.9
wavelet-LHL	firstorder	Maximum	712.434659
wavelet-LHL	firstorder	RootMeanSquared	242.6233389
wavelet-LHL	firstorder	90Percentile	267.9288203
wavelet-LHL	firstorder	Minimum	-647.9609627
wavelet-LHL	firstorder	Entropy	4.848248929
wavelet-LHL	firstorder	Range	1360.395622
wavelet-LHL	firstorder	Variance	57314.25064
wavelet-LHL	firstorder	10Percentile	-286.8810359
wavelet-LHL	firstorder	Kurtosis	4.143002957
wavelet-LHL	firstorder	Mean	-39.39332371
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.011527693
wavelet-LHL	glrlm	GrayLevelVariance	93.98996407
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.011586613
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.042544848
wavelet-LHL	glrlm	RunVariance	0.043615296
wavelet-LHL	glrlm	GrayLevelNonUniformity	6.188530846
wavelet-LHL	glrlm	LongRunEmphasis	1.125293946
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	703.6823876
wavelet-LHL	glrlm	RunLengthNonUniformity	135.4961579
wavelet-LHL	glrlm	ShortRunEmphasis	0.972064048
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	792.24813
wavelet-LHL	glrlm	RunPercentage	0.962812022
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.011844613
wavelet-LHL	glrlm	RunEntropy	5.012248013
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	719.5503536

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.930500595
wavelet-LHL	glszm	GrayLevelVariance	125.3498623
wavelet-LHL	glszm	ZoneVariance	2.22916029
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.036220794
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.620855015
wavelet-LHL	glszm	SizeZoneNonUniformity	61.46464646
wavelet-LHL	glszm	GrayLevelNonUniformity	3.585858586
wavelet-LHL	glszm	LargeAreaEmphasis	4.555555556
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	683.7609282
wavelet-LHL	glszm	ZonePercentage	0.655629139
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.022952493
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2836.20202
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	787.2424242
wavelet-LHL	glszm	SmallAreaEmphasis	0.811643578
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016020587
wavelet-LHL	glszm	ZoneEntropy	5.601592923
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015586396
wavelet-LHL	ngtdm	Coarseness	0.041828638
wavelet-LHL	ngtdm	Complexity	4249.237335
wavelet-LHL	ngtdm	Strength	28.8925107
wavelet-LHL	ngtdm	Contrast	0.646812279
wavelet-LHL	ngtdm	Busyness	0.02617815
wavelet-LHH	gldm	GrayLevelVariance	28.15209859
wavelet-LHH	gldm	HighGrayLevelEmphasis	242.3576159
wavelet-LHH	gldm	DependenceEntropy	5.627977402
wavelet-LHH	gldm	DependenceNonUniformity	45.42384106
wavelet-LHH	gldm	GrayLevelNonUniformity	9.781456954
wavelet-LHH	gldm	SmallDependenceEmphasis	0.540166768
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	142.6493428
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.300820139
wavelet-LHH	gldm	LargeDependenceEmphasis	8.046357616
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.056952298
wavelet-LHH	gldm	DependenceVariance	3.065479584
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1585.059603
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014461582
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016968277
wavelet-LHH	glcm	JointAverage	14.81851376
wavelet-LHH	glcm	SumAverage	29.63702752
wavelet-LHH	glcm	JointEntropy	6.837121093
wavelet-LHH	glcm	ClusterShade	87.83440498
wavelet-LHH	glcm	MaximumProbability	0.037905556
wavelet-LHH	glcm	Idmn	0.952028381
wavelet-LHH	glcm	JointEnergy	0.011083349
wavelet-LHH	glcm	Contrast	58.54336809
wavelet-LHH	glcm	DifferenceEntropy	3.796838647
wavelet-LHH	glcm	InverseVariance	0.212317905
wavelet-LHH	glcm	DifferenceVariance	24.04972596
wavelet-LHH	glcm	Idn	0.861169447
wavelet-LHH	glcm	Idm	0.19456587
wavelet-LHH	glcm	Correlation	-0.02037665
wavelet-LHH	glcm	Autocorrelation	219.1149437
wavelet-LHH	glcm	SumEntropy	4.577667462
wavelet-LHH	glcm	SumSquares	28.74504445
wavelet-LHH	glcm	ClusterProminence	12069.80855
wavelet-LHH	glcm	Imc2	0.979627297

wavelet-LHH	glcm	Imc1	-0.381846391
wavelet-LHH	glcm	DifferenceAverage	5.751535087
wavelet-LHH	glcm	Id	0.277457958
wavelet-LHH	glcm	ClusterTendency	56.43680969
wavelet-LHH	firstorder	InterquartileRange	169.1162738
wavelet-LHH	firstorder	Skewness	0.281269073
wavelet-LHH	firstorder	Uniformity	0.064777861
wavelet-LHH	firstorder	Median	-17.66802953
wavelet-LHH	firstorder	Energy	2643502.471
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	69.7974756
wavelet-LHH	firstorder	MeanAbsoluteDeviation	103.6167862
wavelet-LHH	firstorder	TotalEnergy	71374566.71
wavelet-LHH	firstorder	Maximum	433.7661493
wavelet-LHH	firstorder	RootMeanSquared	132.3126558
wavelet-LHH	firstorder	90Percentile	175.3880554
wavelet-LHH	firstorder	Minimum	-327.8796637
wavelet-LHH	firstorder	Entropy	4.277434432
wavelet-LHH	firstorder	Range	761.6458129
wavelet-LHH	firstorder	Variance	17491.12574
wavelet-LHH	firstorder	10Percentile	-134.9536017
wavelet-LHH	firstorder	Kurtosis	3.429094596
wavelet-LHH	firstorder	Mean	3.938671819
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.017340287
wavelet-LHH	glrlm	GrayLevelVariance	29.20858898
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.017540597
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.062132276
wavelet-LHH	glrlm	RunVariance	0.053767634
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.940589041
wavelet-LHH	glrlm	LongRunEmphasis	1.157166855
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	237.1176996
wavelet-LHH	glrlm	RunLengthNonUniformity	131.0335355
wavelet-LHH	glrlm	ShortRunEmphasis	0.964072233
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	276.0231136
wavelet-LHH	glrlm	RunPercentage	0.952623535
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.018414731
wavelet-LHH	glrlm	RunEntropy	4.491433219
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	244.3897561
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.910189278
wavelet-LHH	glszm	GrayLevelVariance	41.18333333
wavelet-LHH	glszm	ZoneVariance	4.307283951
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048148148
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.610617284
wavelet-LHH	glszm	SizeZoneNonUniformity	54.95555556
wavelet-LHH	glszm	GrayLevelNonUniformity	4.333333333
wavelet-LHH	glszm	LargeAreaEmphasis	7.122222222
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	216.1507668
wavelet-LHH	glszm	ZonePercentage	0.59602649
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.059956743
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1432.066667
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	261.2111111
wavelet-LHH	glszm	SmallAreaEmphasis	0.806782727
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.024781705
wavelet-LHH	glszm	ZoneEntropy	5.236367336
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023742021
wavelet-LHH	ngtdm	Coarseness	0.034433929

wavelet-LHH	ngtdm	Complexity	1284.249332
wavelet-LHH	ngtdm	Strength	8.590164053
wavelet-LHH	ngtdm	Contrast	0.322014363
wavelet-LHH	ngtdm	Busyness	0.074300402
wavelet-LLH	gldm	GrayLevelVariance	138.474102
wavelet-LLH	gldm	HighGrayLevelEmphasis	567.0463576
wavelet-LLH	gldm	DependenceEntropy	5.920967964
wavelet-LLH	gldm	DependenceNonUniformity	62.11258278
wavelet-LLH	gldm	GrayLevelNonUniformity	4.920529801
wavelet-LLH	gldm	SmallDependenceEmphasis	0.655399191
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	409.0054268
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.411341608
wavelet-LLH	gldm	LargeDependenceEmphasis	3.635761589
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.039520417
wavelet-LLH	gldm	DependenceVariance	0.828472435
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1785.337748
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.022745397
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.024954144
wavelet-LLH	glcm	JointAverage	19.79955812
wavelet-LLH	glcm	SumAverage	39.59911624
wavelet-LLH	glcm	JointEntropy	7.404943683
wavelet-LLH	glcm	ClusterShade	5310.805939
wavelet-LLH	glcm	MaximumProbability	0.014886444
wavelet-LLH	glcm	Idmn	0.942578702
wavelet-LLH	glcm	JointEnergy	0.006301361
wavelet-LLH	glcm	Contrast	184.8335147
wavelet-LLH	glcm	DifferenceEntropy	4.42786635
wavelet-LLH	glcm	InverseVariance	0.10756771
wavelet-LLH	glcm	DifferenceVariance	71.62754661
wavelet-LLH	glcm	Idn	0.848217213
wavelet-LLH	glcm	Idm	0.106362709
wavelet-LLH	glcm	Correlation	0.288951425
wavelet-LLH	glcm	Autocorrelation	431.8999564
wavelet-LLH	glcm	SumEntropy	5.422928026
wavelet-LLH	glcm	SumSquares	132.1451925
wavelet-LLH	glcm	ClusterProminence	383404.9416
wavelet-LLH	glcm	Imc2	0.998446389
wavelet-LLH	glcm	Imc1	-0.562442078
wavelet-LLH	glcm	DifferenceAverage	10.24896887
wavelet-LLH	glcm	Id	0.187567654
wavelet-LLH	glcm	ClusterTendency	343.7472555
wavelet-LLH	firstorder	InterquartileRange	378.6047538
wavelet-LLH	firstorder	Skewness	0.60893214
wavelet-LLH	firstorder	Uniformity	0.03258629
wavelet-LLH	firstorder	Median	-94.03465402
wavelet-LLH	firstorder	Energy	13322494.07
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	167.358252
wavelet-LLH	firstorder	MeanAbsoluteDeviation	237.0144386
wavelet-LLH	firstorder	TotalEnergy	359707340
wavelet-LLH	firstorder	Maximum	702.9310334
wavelet-LLH	firstorder	RootMeanSquared	297.0327214
wavelet-LLH	firstorder	90Percentile	391.4040051
wavelet-LLH	firstorder	Minimum	-538.4847858
wavelet-LLH	firstorder	Entropy	5.241589672
wavelet-LLH	firstorder	Range	1241.415819

wavelet-LLH	firstorder	Variance	86158.04187
wavelet-LLH	firstorder	10Percentile	-389.6067828
wavelet-LLH	firstorder	Kurtosis	2.685252091
wavelet-LLH	firstorder	Mean	-45.50160109
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.025358817
wavelet-LLH	glrlm	GrayLevelVariance	139.3388724
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.025468964
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.032146962
wavelet-LLH	glrlm	RunVariance	0.028089632
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.728505957
wavelet-LLH	glrlm	LongRunEmphasis	1.082958538
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	560.4212544
wavelet-LLH	glrlm	RunLengthNonUniformity	139.7816777
wavelet-LLH	glrlm	ShortRunEmphasis	0.980455751
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	607.6158865
wavelet-LLH	glrlm	RunPercentage	0.974019358
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.025966669
wavelet-LLH	glrlm	RunEntropy	5.338734104
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	569.7717223
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.949959837
wavelet-LLH	glszm	GrayLevelVariance	150.7700674
wavelet-LLH	glszm	ZoneVariance	0.644915185
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.028650272
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.64434705
wavelet-LLH	glszm	SizeZoneNonUniformity	71.52252252
wavelet-LLH	glszm	GrayLevelNonUniformity	3.18018018
wavelet-LLH	glszm	LargeAreaEmphasis	2.495495495
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	530.4723198
wavelet-LLH	glszm	ZonePercentage	0.735099338
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.040516033
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1245.405405
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	610.8918919
wavelet-LLH	glszm	SmallAreaEmphasis	0.827625125
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.031689989
wavelet-LLH	glszm	ZoneEntropy	5.781770569
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.030488986
wavelet-LLH	ngtdm	Coarseness	0.037222974
wavelet-LLH	ngtdm	Complexity	6355.469531
wavelet-LLH	ngtdm	Strength	32.78331038
wavelet-LLH	ngtdm	Contrast	0.864994354
wavelet-LLH	ngtdm	Busyness	0.035062876
wavelet-LLL	gldm	GrayLevelVariance	571.7078198
wavelet-LLL	gldm	HighGrayLevelEmphasis	2604.463576
wavelet-LLL	gldm	DependenceEntropy	6.277751428
wavelet-LLL	gldm	DependenceNonUniformity	84.20529801
wavelet-LLL	gldm	GrayLevelNonUniformity	2.721854305
wavelet-LLL	gldm	SmallDependenceEmphasis	0.77442053
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1749.330022
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.55765098
wavelet-LLL	gldm	LargeDependenceEmphasis	2.390728477
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010858945
wavelet-LLL	gldm	DependenceVariance	0.474979168
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	9150.980132
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009319659
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009612166

wavelet-LLL	glcm	JointAverage	52.25465339
wavelet-LLL	glcm	SumAverage	104.5093068
wavelet-LLL	glcm	JointEntropy	7.572516157
wavelet-LLL	glcm	ClusterShade	-13769.77132
wavelet-LLL	glcm	MaximumProbability	0.011542899
wavelet-LLL	glcm	Idmn	0.922083004
wavelet-LLL	glcm	JointEnergy	0.005392432
wavelet-LLL	glcm	Contrast	713.7314456
wavelet-LLL	glcm	DifferenceEntropy	5.234381081
wavelet-LLL	glcm	InverseVariance	0.064475309
wavelet-LLL	glcm	DifferenceVariance	253.6381924
wavelet-LLL	glcm	Idn	0.820198178
wavelet-LLL	glcm	Idm	0.061145153
wavelet-LLL	glcm	Correlation	0.343604132
wavelet-LLL	glcm	Autocorrelation	2916.342228
wavelet-LLL	glcm	SumEntropy	6.074235593
wavelet-LLL	glcm	SumSquares	541.3861939
wavelet-LLL	glcm	ClusterProminence	4594596.537
wavelet-LLL	glcm	Imc2	0.999847375
wavelet-LLL	glcm	Imc1	-0.697633198
wavelet-LLL	glcm	DifferenceAverage	21.14868261
wavelet-LLL	glcm	Id	0.118359784
wavelet-LLL	glcm	ClusterTendency	1451.81333
wavelet-LLL	firstorder	InterquartileRange	1017.252954
wavelet-LLL	firstorder	Skewness	0.012645827
wavelet-LLL	firstorder	Uniformity	0.018025525
wavelet-LLL	firstorder	Median	-690.2379325
wavelet-LLL	firstorder	Energy	119739042.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	419.1896247
wavelet-LLL	firstorder	MeanAbsoluteDeviation	519.1042702
wavelet-LLL	firstorder	TotalEnergy	3232954136
wavelet-LLL	firstorder	Maximum	352.9849878
wavelet-LLL	firstorder	RootMeanSquared	890.4907572
wavelet-LLL	firstorder	90Percentile	177.4323365
wavelet-LLL	firstorder	Minimum	-1754.841784
wavelet-LLL	firstorder	Entropy	5.955042448
wavelet-LLL	firstorder	Range	2107.826772
wavelet-LLL	firstorder	Variance	356556.9331
wavelet-LLL	firstorder	10Percentile	-1468.512608
wavelet-LLL	firstorder	Kurtosis	1.778017679
wavelet-LLL	firstorder	Mean	-660.6185401
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009730267
wavelet-LLL	glrlm	GrayLevelVariance	567.4442676
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.009742254
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017907883
wavelet-LLL	glrlm	RunVariance	0.014757611
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.664282624
wavelet-LLL	glrlm	LongRunEmphasis	1.045589747
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2528.684749
wavelet-LLL	glrlm	RunLengthNonUniformity	144.4355217
wavelet-LLL	glrlm	ShortRunEmphasis	0.988602563
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2775.879976
wavelet-LLL	glrlm	RunPercentage	0.985226694
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.009790205
wavelet-LLL	glrlm	RunEntropy	5.995343103

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2578.123794
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.970484779
wavelet-LLL	glszm	GrayLevelVariance	520.7040186
wavelet-LLL	glszm	ZoneVariance	0.333648274
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.017258755
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.747417486
wavelet-LLL	glszm	SizeZoneNonUniformity	94.17460317
wavelet-LLL	glszm	GrayLevelNonUniformity	2.174603175
wavelet-LLL	glszm	LargeAreaEmphasis	1.76984127
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1953.090388
wavelet-LLL	glszm	ZonePercentage	0.834437086
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.012019537
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5849.222222
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2320.214286
wavelet-LLL	glszm	SmallAreaEmphasis	0.887497795
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.011282827
wavelet-LLL	glszm	ZoneEntropy	6.187209487
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011111109
wavelet-LLL	ngtdm	Coarseness	0.025473436
wavelet-LLL	ngtdm	Complexity	34628.5383
wavelet-LLL	ngtdm	Strength	75.75312549
wavelet-LLL	ngtdm	Contrast	3.367454693
wavelet-LLL	ngtdm	Busyness	0.013953148
wavelet-HHL	gldm	GrayLevelVariance	7.586684795
wavelet-HHL	gldm	HighGrayLevelEmphasis	66.90728477
wavelet-HHL	gldm	DependenceEntropy	5.501252714
wavelet-HHL	gldm	DependenceNonUniformity	26.8013245
wavelet-HHL	gldm	GrayLevelNonUniformity	16.8013245
wavelet-HHL	gldm	SmallDependenceEmphasis	0.315504685
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	24.32724178
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.177492215
wavelet-HHL	gldm	LargeDependenceEmphasis	12.68211921
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.308438527
wavelet-HHL	gldm	DependenceVariance	3.280382439
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	724.8145695
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017068684
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.03580729
wavelet-HHL	glcm	JointAverage	7.729629695
wavelet-HHL	glcm	SumAverage	15.45925939
wavelet-HHL	glcm	JointEntropy	6.138218557
wavelet-HHL	glcm	ClusterShade	8.740594476
wavelet-HHL	glcm	MaximumProbability	0.047955947
wavelet-HHL	glcm	Idmn	0.951237876
wavelet-HHL	glcm	JointEnergy	0.018533148
wavelet-HHL	glcm	Contrast	14.66229062
wavelet-HHL	glcm	DifferenceEntropy	2.987054929
wavelet-HHL	glcm	InverseVariance	0.301793414
wavelet-HHL	glcm	DifferenceVariance	5.879474867
wavelet-HHL	glcm	Idn	0.85757331
wavelet-HHL	glcm	Idm	0.295830108
wavelet-HHL	glcm	Correlation	-0.015454795
wavelet-HHL	glcm	Autocorrelation	59.66044549
wavelet-HHL	glcm	SumEntropy	3.784039283
wavelet-HHL	glcm	SumSquares	7.233352641
wavelet-HHL	glcm	ClusterProminence	662.3588682



wavelet-HHL	glcm	Imc2	0.836559576
wavelet-HHL	glcm	Imc1	-0.180661941
wavelet-HHL	glcm	DifferenceAverage	2.941705991
wavelet-HHL	glcm	Id	0.380716386
wavelet-HHL	glcm	ClusterTendency	14.27111995
wavelet-HHL	firstorder	InterquartileRange	75.37546556
wavelet-HHL	firstorder	Skewness	0.098985312
wavelet-HHL	firstorder	Uniformity	0.11126705
wavelet-HHL	firstorder	Median	4.552918427
wavelet-HHL	firstorder	Energy	707163.0669
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	35.6659426
wavelet-HHL	firstorder	MeanAbsoluteDeviation	53.03291653
wavelet-HHL	firstorder	TotalEnergy	19093402.81
wavelet-HHL	firstorder	Maximum	203.5504304
wavelet-HHL	firstorder	RootMeanSquared	68.43390329
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wavelet-HHL	firstorder	Minimum	-173.8099258
wavelet-HHL	firstorder	Entropy	3.425079342
wavelet-HHL	firstorder	Range	377.3603562
wavelet-HHL	firstorder	Variance	4663.527999
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wavelet-HHL	firstorder	Kurtosis	3.125345277
wavelet-HHL	firstorder	Mean	4.435213639
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.035299002
wavelet-HHL	glrlm	GrayLevelVariance	7.937499536
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.036770175
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.10761698
wavelet-HHL	glrlm	RunVariance	0.112512532
wavelet-HHL	glrlm	GrayLevelNonUniformity	14.96257231
wavelet-HHL	glrlm	LongRunEmphasis	1.296240084
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	64.28669021
wavelet-HHL	glrlm	RunLengthNonUniformity	119.6917205
wavelet-HHL	glrlm	ShortRunEmphasis	0.942181336
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	84.82199347
wavelet-HHL	glrlm	RunPercentage	0.920529801
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.043923346
wavelet-HHL	glrlm	RunEntropy	3.802531894
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	67.67569895
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.860142997
wavelet-HHL	glszm	GrayLevelVariance	13.57544379
wavelet-HHL	glszm	ZoneVariance	14.97152367
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.083579882
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.424556213
wavelet-HHL	glszm	SizeZoneNonUniformity	22.07692308
wavelet-HHL	glszm	GrayLevelNonUniformity	4.346153846
wavelet-HHL	glszm	LargeAreaEmphasis	23.40384615
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	54.39577034
wavelet-HHL	glszm	ZonePercentage	0.344370861
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.545315591
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1367.096154
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	78.19230769
wavelet-HHL	glszm	SmallAreaEmphasis	0.672381131
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.054659865
wavelet-HHL	glszm	ZoneEntropy	4.66439543
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.04251131

wavelet-HHL	ngtdm	Coarseness	0.040972119
wavelet-HHL	ngtdm	Complexity	181.8124986
wavelet-HHL	ngtdm	Strength	2.476414794
wavelet-HHL	ngtdm	Contrast	0.158725687
wavelet-HHL	ngtdm	Busyness	0.22319725
wavelet-HLH	gldm	GrayLevelVariance	32.63391956
wavelet-HLH	gldm	HighGrayLevelEmphasis	308.7218543
wavelet-HLH	gldm	DependenceEntropy	5.589245803
wavelet-HLH	gldm	DependenceNonUniformity	41.86092715
wavelet-HLH	gldm	GrayLevelNonUniformity	10.25827815
wavelet-HLH	gldm	SmallDependenceEmphasis	0.5114561
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	175.5697326
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.277224683
wavelet-HLH	gldm	LargeDependenceEmphasis	8.01986755
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.043480433
wavelet-HLH	gldm	DependenceVariance	2.739002675
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wavelet-HLH	gldm	LowGrayLevelEmphasis	0.013709699
wavelet-HLH	glcm	JointAverage	16.48909809
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wavelet-HLH	glcm	ClusterShade	-10.73012671
wavelet-HLH	glcm	MaximumProbability	0.03369157
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wavelet-HLH	glcm	JointEnergy	0.010492529
wavelet-HLH	glcm	Contrast	55.82163597
wavelet-HLH	glcm	DifferenceEntropy	3.708533349
wavelet-HLH	glcm	InverseVariance	0.197985617
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wavelet-HLH	glcm	Imc2	0.973701069
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wavelet-HLH	glcm	DifferenceAverage	5.372903555
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wavelet-HLH	firstorder	InterquartileRange	138.6815192
wavelet-HLH	firstorder	Skewness	0.511681763
wavelet-HLH	firstorder	Uniformity	0.067935617
wavelet-HLH	firstorder	Median	-0.024763378
wavelet-HLH	firstorder	Energy	3027876.168
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	63.79212865
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wavelet-HLH	firstorder	TotalEnergy	81752656.54
wavelet-HLH	firstorder	Maximum	621.6234728
wavelet-HLH	firstorder	RootMeanSquared	141.6056498
wavelet-HLH	firstorder	90Percentile	159.0196497
wavelet-HLH	firstorder	Minimum	-387.9260552
wavelet-HLH	firstorder	Entropy	4.268044267

wavelet-HLH	firstorder	Range	1009.549528
wavelet-HLH	firstorder	Variance	20044.09956
wavelet-HLH	firstorder	10Percentile	-170.2897044
wavelet-HLH	firstorder	Kurtosis	5.586697062
wavelet-HLH	firstorder	Mean	2.839101629
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014045031
wavelet-HLH	glrlm	GrayLevelVariance	34.07517031
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.014204671
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.064036247
wavelet-HLH	glrlm	RunVariance	0.062918509
wavelet-HLH	glrlm	GrayLevelNonUniformity	9.188729427
wavelet-HLH	glrlm	LongRunEmphasis	1.172496392
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	301.6411687
wavelet-HLH	glrlm	RunLengthNonUniformity	130.7250521
wavelet-HLH	glrlm	ShortRunEmphasis	0.963933691
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	356.3776983
wavelet-HLH	glrlm	RunPercentage	0.950076414
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.014955877
wavelet-HLH	glrlm	RunEntropy	4.517743216
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	311.1564603
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.910517925
wavelet-HLH	glszm	GrayLevelVariance	51.40309156
wavelet-HLH	glszm	ZoneVariance	5.61976483
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.049279958
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.572995112
wavelet-HLH	glszm	SizeZoneNonUniformity	49.85057471
wavelet-HLH	glszm	GrayLevelNonUniformity	4.287356322
wavelet-HLH	glszm	LargeAreaEmphasis	8.632183908
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	275.6020906
wavelet-HLH	glszm	ZonePercentage	0.57615894
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.052026042
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2320.034483
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	336.8965517
wavelet-HLH	glszm	SmallAreaEmphasis	0.783896733
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.020483674
wavelet-HLH	glszm	ZoneEntropy	5.217617531
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.019310322
wavelet-HLH	ngtdm	Coarseness	0.041839634
wavelet-HLH	ngtdm	Complexity	1382.132381
wavelet-HLH	ngtdm	Strength	12.58697049
wavelet-HLH	ngtdm	Contrast	0.319460152
wavelet-HLH	ngtdm	Busyness	0.048482243

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	1.13.1
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general	info	PyWaveletVersion	1.3.0.post102+g1b0eb74
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general	info	Version	
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original	shape	Elongation	0.81066458
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original	shape	Flatness	0.654197168
original	shape	LeastAxis	11.73304706
original	shape	Maximum2DDiameterColumn	18.97366596
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original	gldm	GrayLevelVariance	57.3594198
original	gldm	HighGrayLevelEmphasis	306.7532468
original	gldm	DependenceEntropy	5.220951151
original	gldm	DependenceNonUniformity	33.96103896
original	gldm	GrayLevelNonUniformity	4.064935065
original	gldm	SmallDependenceEmphasis	0.687997835
original	gldm	SmallDependenceHighGrayLevelEmphasis	156.2829185
original	gldm	DependenceNonUniformityNormalized	0.441052454
original	gldm	LargeDependenceEmphasis	4.194805195
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.033732751
original	gldm	DependenceVariance	1.300387924
original	gldm	LargeDependenceHighGrayLevelEmphasis	1956.103896

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.024348632
original	gldm	LowGrayLevelEmphasis	0.025440058
original	glcm	JointAverage	17.68659679
original	glcm	SumAverage	35.37319358
original	glcm	JointEntropy	6.224339249
original	glcm	ClusterShade	-232.4710172
original	glcm	MaximumProbability	0.031793518
original	glcm	ldmn	0.900786106
original	glcm	JointEnergy	0.014309048
original	glcm	Contrast	107.6249475
original	glcm	DifferenceEntropy	3.989045102
original	glcm	InverseVariance	0.129457748
original	glcm	DifferenceVariance	36.43496392
original	glcm	ldn	0.796683592
original	glcm	ldm	0.123804247
original	glcm	Correlation	0.070164346
original	glcm	Autocorrelation	317.3928324
original	glcm	SumEntropy	4.520192266
original	glcm	SumSquares	58.10397584
original	glcm	ClusterProminence	38006.22467
original	glcm	lmc2	0.996687837
original	glcm	lmc1	-0.578982966
original	glcm	DifferenceAverage	8.351643805
original	glcm	ld	0.206079552
original	glcm	ClusterTendency	124.7909558
original	firstorder	InterquartileRange	354
original	firstorder	Skewness	0.07805789
original	firstorder	Uniformity	0.052791364
original	firstorder	Median	-320
original	firstorder	Energy	9368754
original	firstorder	RobustMeanAbsoluteDeviation	130.0773985
original	firstorder	MeanAbsoluteDeviation	163.553719
original	firstorder	TotalEnergy	252956358
original	firstorder	Maximum	35
original	firstorder	RootMeanSquared	348.8153234
original	firstorder	90Percentile	-51
original	firstorder	Minimum	-654
original	firstorder	Entropy	4.504606794
original	firstorder	Range	689
original	firstorder	Variance	35541.31456
original	firstorder	10Percentile	-527
original	firstorder	Kurtosis	1.830280835
original	firstorder	Mean	-293.4805195
original	glrlm	ShortRunLowGrayLevelEmphasis	0.026013882
original	glrlm	GrayLevelVariance	57.14498481
original	glrlm	LowGrayLevelRunEmphasis	0.026074471
original	glrlm	GrayLevelNonUniformityNormalized	0.051276157
original	glrlm	RunVariance	0.029010726
original	glrlm	GrayLevelNonUniformity	3.843075317
original	glrlm	LongRunEmphasis	1.086608739
original	glrlm	ShortRunHighGrayLevelEmphasis	291.0690801
original	glrlm	RunLengthNonUniformity	71.08799467
original	glrlm	ShortRunEmphasis	0.979518638

original	glrlm	LongRunHighGrayLevelEmphasis	344.970176
original	glrlm	RunPercentage	0.973026973
original	glrlm	LongRunLowGrayLevelEmphasis	0.02632432
original	glrlm	RunEntropy	4.604987003
original	glrlm	HighGrayLevelRunEmphasis	301.2638877
original	glrlm	RunLengthNonUniformityNormalized	0.948041165
original	glszm	GrayLevelVariance	52.14281317
original	glszm	ZoneVariance	1.350569406
original	glszm	GrayLevelNonUniformityNormalized	0.045860265
original	glszm	SizeZoneNonUniformityNormalized	0.721144968
original	glszm	SizeZoneNonUniformity	41.10526316
original	glszm	GrayLevelNonUniformity	2.614035088
original	glszm	LargeAreaEmphasis	3.175438596
original	glszm	SmallAreaHighGrayLevelEmphasis	184.2463755
original	glszm	ZonePercentage	0.74025974
original	glszm	LargeAreaLowGrayLevelEmphasis	0.038962518
original	glszm	LargeAreaHighGrayLevelEmphasis	1348.807018
original	glszm	HighGrayLevelZoneEmphasis	244.7192982
original	glszm	SmallAreaEmphasis	0.871131823
original	glszm	LowGrayLevelZoneEmphasis	0.033221757
original	glszm	ZoneEntropy	4.88947883
original	glszm	SmallAreaLowGrayLevelEmphasis	0.032665661
original	ngtdm	Coarseness	0.040284417
original	ngtdm	Complexity	2026.757827
original	ngtdm	Strength	15.03172902
original	ngtdm	Contrast	0.953528885
original	ngtdm	Busyness	0.05837433
wavelet-HHH	gldm	GrayLevelVariance	4.504638219
wavelet-HHH	gldm	HighGrayLevelEmphasis	35.54545455
wavelet-HHH	gldm	DependenceEntropy	4.862719866
wavelet-HHH	gldm	DependenceNonUniformity	17.77922078
wavelet-HHH	gldm	GrayLevelNonUniformity	10.22077922
wavelet-HHH	gldm	SmallDependenceEmphasis	0.340419372
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	14.7488456
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.230898971
wavelet-HHH	gldm	LargeDependenceEmphasis	8.792207792
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.366054268
wavelet-HHH	gldm	DependenceVariance	1.978073874
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	313.7532468
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.0326274
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.067782483
wavelet-HHH	glcm	JointAverage	5.524957464
wavelet-HHH	glcm	SumAverage	11.04991493
wavelet-HHH	glcm	JointEntropy	5.310399946
wavelet-HHH	glcm	ClusterShade	-0.133606875
wavelet-HHH	glcm	MaximumProbability	0.054985217
wavelet-HHH	glcm	Idmn	0.940331368
wavelet-HHH	glcm	JointEnergy	0.029190306
wavelet-HHH	glcm	Contrast	8.437923462
wavelet-HHH	glcm	DifferenceEntropy	2.521622135
wavelet-HHH	glcm	InverseVariance	0.330565806
wavelet-HHH	glcm	DifferenceVariance	2.661732249
wavelet-HHH	glcm	Idn	0.835034295

wavelet-HHH	glcm	Idm	0.307050864
wavelet-HHH	glcm	Correlation	-0.030360553
wavelet-HHH	glcm	Autocorrelation	30.3830298
wavelet-HHH	glcm	SumEntropy	3.270950159
wavelet-HHH	glcm	SumSquares	4.067541797
wavelet-HHH	glcm	ClusterProminence	158.2216965
wavelet-HHH	glcm	Imc2	0.862576199
wavelet-HHH	glcm	Imc1	-0.229757716
wavelet-HHH	glcm	DifferenceAverage	2.370378687
wavelet-HHH	glcm	Id	0.39600983
wavelet-HHH	glcm	ClusterTendency	7.832243726
wavelet-HHH	firstorder	InterquartileRange	71.78974266
wavelet-HHH	firstorder	Skewness	0.018927189
wavelet-HHH	firstorder	Uniformity	0.132737392
wavelet-HHH	firstorder	Median	4.962882212
wavelet-HHH	firstorder	Energy	212816.3692
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	30.15379751
wavelet-HHH	firstorder	MeanAbsoluteDeviation	42.70196781
wavelet-HHH	firstorder	TotalEnergy	5746041.968
wavelet-HHH	firstorder	Maximum	130.9351882
wavelet-HHH	firstorder	RootMeanSquared	52.57232114
wavelet-HHH	firstorder	90Percentile	65.62027238
wavelet-HHH	firstorder	Minimum	-116.0918038
wavelet-HHH	firstorder	Entropy	3.076726181
wavelet-HHH	firstorder	Range	247.026992
wavelet-HHH	firstorder	Variance	2759.855848
wavelet-HHH	firstorder	10Percentile	-70.69929006
wavelet-HHH	firstorder	Kurtosis	2.594354728
wavelet-HHH	firstorder	Mean	1.998274887
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.067291108
wavelet-HHH	glrlm	GrayLevelVariance	4.656024722
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.06941932
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.13069659
wavelet-HHH	glrlm	RunVariance	0.067954416
wavelet-HHH	glrlm	GrayLevelNonUniformity	9.443714371
wavelet-HHH	glrlm	LongRunEmphasis	1.209942956
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	33.94065913
wavelet-HHH	glrlm	RunLengthNonUniformity	63.91499768
wavelet-HHH	glrlm	ShortRunEmphasis	0.95121767
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	42.7711705
wavelet-HHH	glrlm	RunPercentage	0.938061938
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.078578075
wavelet-HHH	glrlm	RunEntropy	3.35537382
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	35.63081723
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.882105902
wavelet-HHH	glszm	GrayLevelVariance	7.626666667
wavelet-HHH	glszm	ZoneVariance	6.912222222
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.108888889
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.362222222
wavelet-HHH	glszm	SizeZoneNonUniformity	10.86666667
wavelet-HHH	glszm	GrayLevelNonUniformity	3.266666667
wavelet-HHH	glszm	LargeAreaEmphasis	13.5
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	30.51838529

wavelet-HHH	glszm	ZonePercentage	0.38961039
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.617769351
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	446.1
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	41.26666667
wavelet-HHH	glszm	SmallAreaEmphasis	0.62094393
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.096970079
wavelet-HHH	glszm	ZoneEntropy	4.323231429
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.068937331
wavelet-HHH	ngtdm	Coarseness	0.066244505
wavelet-HHH	ngtdm	Complexity	83.22929106
wavelet-HHH	ngtdm	Strength	2.237437293
wavelet-HHH	ngtdm	Contrast	0.153620859
wavelet-HHH	ngtdm	Busyness	0.290590141
wavelet-HLL	gldm	GrayLevelVariance	63.61443751
wavelet-HLL	gldm	HighGrayLevelEmphasis	339.5194805
wavelet-HLL	gldm	DependenceEntropy	5.308676963
wavelet-HLL	gldm	DependenceNonUniformity	29.5974026
wavelet-HLL	gldm	GrayLevelNonUniformity	3.25974026
wavelet-HLL	gldm	SmallDependenceEmphasis	0.550955988
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	207.3405483
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.384381852
wavelet-HLL	gldm	LargeDependenceEmphasis	3.519480519
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.142677114
wavelet-HLL	gldm	DependenceVariance	0.536009445
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1098.220779
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013665793
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.038445425
wavelet-HLL	glcm	JointAverage	16.30875394
wavelet-HLL	glcm	SumAverage	32.61750788
wavelet-HLL	glcm	JointEntropy	6.250582024
wavelet-HLL	glcm	ClusterShade	-34.04330487
wavelet-HLL	glcm	MaximumProbability	0.023967305
wavelet-HLL	glcm	ldmn	0.936031002
wavelet-HLL	glcm	JointEnergy	0.013781126
wavelet-HLL	glcm	Contrast	72.77142838
wavelet-HLL	glcm	DifferenceEntropy	3.605423286
wavelet-HLL	glcm	InverseVariance	0.125517692
wavelet-HLL	glcm	DifferenceVariance	20.90115279
wavelet-HLL	glcm	ldn	0.83003621
wavelet-HLL	glcm	ldm	0.125652065
wavelet-HLL	glcm	Correlation	0.420799458
wavelet-HLL	glcm	Autocorrelation	294.1270309
wavelet-HLL	glcm	SumEntropy	4.680323862
wavelet-HLL	glcm	SumSquares	64.36525253
wavelet-HLL	glcm	ClusterProminence	72137.96153
wavelet-HLL	glcm	lmc2	0.998684896
wavelet-HLL	glcm	lmc1	-0.646369318
wavelet-HLL	glcm	DifferenceAverage	6.947209952
wavelet-HLL	glcm	ld	0.216694086
wavelet-HLL	glcm	ClusterTendency	184.6895817
wavelet-HLL	firstorder	InterquartileRange	287.9328096
wavelet-HLL	firstorder	Skewness	-0.064553579
wavelet-HLL	firstorder	Uniformity	0.042334289



wavelet-HLL	firstorder	Median	-50.94187353
wavelet-HLL	firstorder	Energy	3290595.172
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	125.5700302
wavelet-HLL	firstorder	MeanAbsoluteDeviation	168.9363611
wavelet-HLL	firstorder	TotalEnergy	88846069.64
wavelet-HLL	firstorder	Maximum	310.815983
wavelet-HLL	firstorder	RootMeanSquared	206.7244597
wavelet-HLL	firstorder	90Percentile	229.8496096
wavelet-HLL	firstorder	Minimum	-449.0905967
wavelet-HLL	firstorder	Entropy	4.714539223
wavelet-HLL	firstorder	Range	759.9065797
wavelet-HLL	firstorder	Variance	40440.24545
wavelet-HLL	firstorder	10Percentile	-308.8296866
wavelet-HLL	firstorder	Kurtosis	2.130272564
wavelet-HLL	firstorder	Mean	-47.90361972
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.037150169
wavelet-HLL	grlm	GrayLevelVariance	63.46581251
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.038193081
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.042364404
wavelet-HLL	grlm	RunVariance	0.027830281
wavelet-HLL	grlm	GrayLevelNonUniformity	3.17051834
wavelet-HLL	grlm	LongRunEmphasis	1.088817165
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	334.0170121
wavelet-HLL	grlm	RunLengthNonUniformity	70.79005038
wavelet-HLL	grlm	ShortRunEmphasis	0.977795709
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	367.3474143
wavelet-HLL	grlm	RunPercentage	0.972027972
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.042364727
wavelet-HLL	grlm	RunEntropy	4.779471624
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	340.6830925
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.944339439
wavelet-HLL	glszm	GrayLevelVariance	62.09763314
wavelet-HLL	glszm	ZoneVariance	0.518860947
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041420118
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.481508876
wavelet-HLL	glszm	SizeZoneNonUniformity	25.03846154
wavelet-HLL	glszm	GrayLevelNonUniformity	2.153846154
wavelet-HLL	glszm	LargeAreaEmphasis	2.711538462
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	277.3530983
wavelet-HLL	glszm	ZonePercentage	0.675324675
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.10799002
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	860.0961538
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	361.6538462
wavelet-HLL	glszm	SmallAreaEmphasis	0.711672009
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.032250573
wavelet-HLL	glszm	ZoneEntropy	5.195350055
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014193244
wavelet-HLL	ngtdm	Coarseness	0.085345016
wavelet-HLL	ngtdm	Complexity	1361.04908
wavelet-HLL	ngtdm	Strength	28.6814057
wavelet-HLL	ngtdm	Contrast	0.567805427
wavelet-HLL	ngtdm	Busyness	0.028896939
wavelet-LHL	gldm	GrayLevelVariance	58.94417271

wavelet-LHL	gldm	HighGrayLevelEmphasis	328.4155844
wavelet-LHL	gldm	DependenceEntropy	5.194977125
wavelet-LHL	gldm	DependenceNonUniformity	24.81818182
wavelet-LHL	gldm	GrayLevelNonUniformity	3.753246753
wavelet-LHL	gldm	SmallDependenceEmphasis	0.505321068
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	159.1259019
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.32231405
wavelet-LHL	gldm	LargeDependenceEmphasis	4.636363636
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049338406
wavelet-LHL	gldm	DependenceVariance	0.891887333
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1688.727273
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019088585
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.023928982
wavelet-LHL	glcm	JointAverage	15.97905679
wavelet-LHL	glcm	SumAverage	31.95811357
wavelet-LHL	glcm	JointEntropy	6.215283403
wavelet-LHL	glcm	ClusterShade	584.5942008
wavelet-LHL	glcm	MaximumProbability	0.030982913
wavelet-LHL	glcm	ldmn	0.932873189
wavelet-LHL	glcm	JointEnergy	0.01445796
wavelet-LHL	glcm	Contrast	80.88554935
wavelet-LHL	glcm	DifferenceEntropy	3.714052265
wavelet-LHL	glcm	InverseVariance	0.137209741
wavelet-LHL	glcm	DifferenceVariance	29.21233593
wavelet-LHL	glcm	ldn	0.834434838
wavelet-LHL	glcm	ldm	0.145216019
wavelet-LHL	glcm	Correlation	0.28422082
wavelet-LHL	glcm	Autocorrelation	272.4594152
wavelet-LHL	glcm	SumEntropy	4.69528752
wavelet-LHL	glcm	SumSquares	57.40449825
wavelet-LHL	glcm	ClusterProminence	51798.50342
wavelet-LHL	glcm	lmc2	0.99682732
wavelet-LHL	glcm	lmc1	-0.585446551
wavelet-LHL	glcm	DifferenceAverage	6.913653424
wavelet-LHL	glcm	ld	0.235361067
wavelet-LHL	glcm	ClusterTendency	148.7324436
wavelet-LHL	firstorder	InterquartileRange	287.9685411
wavelet-LHL	firstorder	Skewness	0.063681243
wavelet-LHL	firstorder	Uniformity	0.048743464
wavelet-LHL	firstorder	Median	-55.7393209
wavelet-LHL	firstorder	Energy	3031802.902
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	119.5529126
wavelet-LHL	firstorder	MeanAbsoluteDeviation	159.9156279
wavelet-LHL	firstorder	TotalEnergy	81858678.35
wavelet-LHL	firstorder	Maximum	317.9279312
wavelet-LHL	firstorder	RootMeanSquared	198.428989
wavelet-LHL	firstorder	90Percentile	228.4615748
wavelet-LHL	firstorder	Minimum	-425.8314858
wavelet-LHL	firstorder	Entropy	4.456095917
wavelet-LHL	firstorder	Range	743.759417
wavelet-LHL	firstorder	Variance	36573.52272
wavelet-LHL	firstorder	10Percentile	-312.3520649
wavelet-LHL	firstorder	Kurtosis	2.141487752

wavelet-LHL	firstorder	Mean	-52.9201374
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.024310673
wavelet-LHL	glrlm	GrayLevelVariance	59.09959278
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.024539347
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.048564155
wavelet-LHL	glrlm	RunVariance	0.035793855
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.605524851
wavelet-LHL	glrlm	LongRunEmphasis	1.114747453
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	316.337059
wavelet-LHL	glrlm	RunLengthNonUniformity	69.04421541
wavelet-LHL	glrlm	ShortRunEmphasis	0.971313137
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	369.1373648
wavelet-LHL	glrlm	RunPercentage	0.964035964
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.025454042
wavelet-LHL	glrlm	RunEntropy	4.554469035
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	326.8971201
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.92841229
wavelet-LHL	glszm	GrayLevelVariance	60.06901042
wavelet-LHL	glszm	ZoneVariance	0.989149306
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.047743056
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.459201389
wavelet-LHL	glszm	SizeZoneNonUniformity	22.04166667
wavelet-LHL	glszm	GrayLevelNonUniformity	2.291666667
wavelet-LHL	glszm	LargeAreaEmphasis	3.5625
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	218.5246354
wavelet-LHL	glszm	ZonePercentage	0.623376623
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.051949072
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1308.291667
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	310.1041667
wavelet-LHL	glszm	SmallAreaEmphasis	0.697413194
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.032951304
wavelet-LHL	glszm	ZoneEntropy	5.053508855
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.029389604
wavelet-LHL	ngtdm	Coarseness	0.055825631
wavelet-LHL	ngtdm	Complexity	1301.823556
wavelet-LHL	ngtdm	Strength	15.88916513
wavelet-LHL	ngtdm	Contrast	1.047443777
wavelet-LHL	ngtdm	Busyness	0.057875745
wavelet-LHH	gldm	GrayLevelVariance	10.35351661
wavelet-LHH	gldm	HighGrayLevelEmphasis	66.8961039
wavelet-LHH	gldm	DependenceEntropy	4.922839223
wavelet-LHH	gldm	DependenceNonUniformity	18.35064935
wavelet-LHH	gldm	GrayLevelNonUniformity	7.38961039
wavelet-LHH	gldm	SmallDependenceEmphasis	0.354583002
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	20.50260123
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.238320121
wavelet-LHH	gldm	LargeDependenceEmphasis	8.87012987
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.212276292
wavelet-LHH	gldm	DependenceVariance	2.190925957
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	653.5974026
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.043634355
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.06185675
wavelet-LHH	glcm	JointAverage	7.690692309

wavelet-LHH	glcm	SumAverage	15.38138462
wavelet-LHH	glcm	JointEntropy	5.690821692
wavelet-LHH	glcm	ClusterShade	-0.521847934
wavelet-LHH	glcm	MaximumProbability	0.056181591
wavelet-LHH	glcm	Idmn	0.91516139
wavelet-LHH	glcm	JointEnergy	0.022918223
wavelet-LHH	glcm	Contrast	21.03379951
wavelet-LHH	glcm	DifferenceEntropy	3.072143037
wavelet-LHH	glcm	InverseVariance	0.235392959
wavelet-LHH	glcm	DifferenceVariance	7.120181781
wavelet-LHH	glcm	Idn	0.812029954
wavelet-LHH	glcm	Idm	0.247723285
wavelet-LHH	glcm	Correlation	0.001383284
wavelet-LHH	glcm	Autocorrelation	59.15595807
wavelet-LHH	glcm	SumEntropy	3.773369469
wavelet-LHH	glcm	SumSquares	10.51619921
wavelet-LHH	glcm	ClusterProminence	1189.326387
wavelet-LHH	glcm	Imc2	0.961314388
wavelet-LHH	glcm	Imc1	-0.378417838
wavelet-LHH	glcm	DifferenceAverage	3.645196541
wavelet-LHH	glcm	Id	0.338410157
wavelet-LHH	glcm	ClusterTendency	21.03099733
wavelet-LHH	firstorder	InterquartileRange	111.2052491
wavelet-LHH	firstorder	Skewness	-0.122590608
wavelet-LHH	firstorder	Uniformity	0.095968966
wavelet-LHH	firstorder	Median	7.109845205
wavelet-LHH	firstorder	Energy	496207.3499
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	47.14476559
wavelet-LHH	firstorder	MeanAbsoluteDeviation	65.67762778
wavelet-LHH	firstorder	TotalEnergy	13397598.45
wavelet-LHH	firstorder	Maximum	168.851034
wavelet-LHH	firstorder	RootMeanSquared	80.27609418
wavelet-LHH	firstorder	90Percentile	96.89498936
wavelet-LHH	firstorder	Minimum	-170.5349113
wavelet-LHH	firstorder	Entropy	3.578558575
wavelet-LHH	firstorder	Range	339.3859453
wavelet-LHH	firstorder	Variance	6444.251202
wavelet-LHH	firstorder	10Percentile	-114.9836312
wavelet-LHH	firstorder	Kurtosis	2.37851705
wavelet-LHH	firstorder	Mean	0.009727192
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.063423689
wavelet-LHH	grlm	GrayLevelVariance	10.69784178
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.064477634
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.092764829
wavelet-LHH	grlm	RunVariance	0.073902078
wavelet-LHH	grlm	GrayLevelNonUniformity	6.711156017
wavelet-LHH	grlm	LongRunEmphasis	1.211464624
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	63.10153641
wavelet-LHH	grlm	RunLengthNonUniformity	64.26081125
wavelet-LHH	grlm	ShortRunEmphasis	0.954023228
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	82.166396
wavelet-LHH	grlm	RunPercentage	0.939060939
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.069022335

wavelet-LHH	grlm	RunEntropy	3.828746761
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	66.44977842
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.887276859
wavelet-LHH	glszm	GrayLevelVariance	15.20816327
wavelet-LHH	glszm	ZoneVariance	3.417142857
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.080816327
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.348571429
wavelet-LHH	glszm	SizeZoneNonUniformity	12.2
wavelet-LHH	glszm	GrayLevelNonUniformity	2.828571429
wavelet-LHH	glszm	LargeAreaEmphasis	8.257142857
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	32.414
wavelet-LHH	glszm	ZonePercentage	0.454545455
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.256871773
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	577.6285714
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	62.22857143
wavelet-LHH	glszm	SmallAreaEmphasis	0.590638448
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.104741429
wavelet-LHH	glszm	ZoneEntropy	4.536286231
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.08971965
wavelet-LHH	ngtdm	Coarseness	0.065790774
wavelet-LHH	ngtdm	Complexity	183.3046031
wavelet-LHH	ngtdm	Strength	3.584093265
wavelet-LHH	ngtdm	Contrast	0.307099946
wavelet-LHH	ngtdm	Busyness	0.179230761
wavelet-LLH	gldm	GrayLevelVariance	59.56518806
wavelet-LLH	gldm	HighGrayLevelEmphasis	405.4285714
wavelet-LLH	gldm	DependenceEntropy	5.331721606
wavelet-LLH	gldm	DependenceNonUniformity	34.87012987
wavelet-LLH	gldm	GrayLevelNonUniformity	3.311688312
wavelet-LLH	gldm	SmallDependenceEmphasis	0.583694084
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	224.6825397
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.452858829
wavelet-LLH	gldm	LargeDependenceEmphasis	2.896103896
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025971205
wavelet-LLH	gldm	DependenceVariance	0.344408838
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1205.584416
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016967563
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.018589115
wavelet-LLH	glcm	JointAverage	18.74787415
wavelet-LLH	glcm	SumAverage	37.4957483
wavelet-LLH	glcm	JointEntropy	6.276439563
wavelet-LLH	glcm	ClusterShade	-3.250825843
wavelet-LLH	glcm	MaximumProbability	0.02480351
wavelet-LLH	glcm	ldmn	0.928498154
wavelet-LLH	glcm	JointEnergy	0.013591547
wavelet-LLH	glcm	Contrast	110.3295841
wavelet-LLH	glcm	DifferenceEntropy	3.888976438
wavelet-LLH	glcm	InverseVariance	0.12491404
wavelet-LLH	glcm	DifferenceVariance	37.46112881
wavelet-LLH	glcm	ldn	0.826754187
wavelet-LLH	glcm	ldm	0.114465819
wavelet-LLH	glcm	Correlation	0.0253882
wavelet-LLH	glcm	Autocorrelation	353.3010191

wavelet-LLH	glcm	SumEntropy	4.540043459
wavelet-LLH	glcm	SumSquares	56.90181788
wavelet-LLH	glcm	ClusterProminence	38548.70475
wavelet-LLH	glcm	Imc2	0.998197054
wavelet-LLH	glcm	Imc1	-0.624097086
wavelet-LLH	glcm	DifferenceAverage	8.207947338
wavelet-LLH	glcm	Id	0.201431525
wavelet-LLH	glcm	ClusterTendency	117.2776874
wavelet-LLH	firstorder	InterquartileRange	305.7189146
wavelet-LLH	firstorder	Skewness	0.014771517
wavelet-LLH	firstorder	Uniformity	0.043008939
wavelet-LLH	firstorder	Median	-42.03240734
wavelet-LLH	firstorder	Energy	2883981.299
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	119.7447068
wavelet-LLH	firstorder	MeanAbsoluteDeviation	161.1689838
wavelet-LLH	firstorder	TotalEnergy	77867495.08
wavelet-LLH	firstorder	Maximum	384.9467276
wavelet-LLH	firstorder	RootMeanSquared	193.5311411
wavelet-LLH	firstorder	90Percentile	228.611181
wavelet-LLH	firstorder	Minimum	-472.7415908
wavelet-LLH	firstorder	Entropy	4.65329523
wavelet-LLH	firstorder	Range	857.6883184
wavelet-LLH	firstorder	Variance	36927.24984
wavelet-LLH	firstorder	10Percentile	-256.4247687
wavelet-LLH	firstorder	Kurtosis	2.307523076
wavelet-LLH	firstorder	Mean	-22.9576294
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.018873916
wavelet-LLH	glrlm	GrayLevelVariance	59.77473995
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.018944704
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042973051
wavelet-LLH	glrlm	RunVariance	0.02289709
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.232976252
wavelet-LLH	glrlm	LongRunEmphasis	1.072618852
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	397.1254423
wavelet-LLH	glrlm	RunLengthNonUniformity	71.88161387
wavelet-LLH	glrlm	ShortRunEmphasis	0.981845287
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	435.9476885
wavelet-LLH	glrlm	RunPercentage	0.977022977
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.019227858
wavelet-LLH	glrlm	RunEntropy	4.712015487
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	404.8898916
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.954205821
wavelet-LLH	glszm	GrayLevelVariance	63.47908093
wavelet-LLH	glszm	ZoneVariance	0.429698217
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.041152263
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.509602195
wavelet-LLH	glszm	SizeZoneNonUniformity	27.51851852
wavelet-LLH	glszm	GrayLevelNonUniformity	2.222222222
wavelet-LLH	glszm	LargeAreaEmphasis	2.462962963
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	275.712963
wavelet-LLH	glszm	ZonePercentage	0.701298701
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.030475233
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1009.37037

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	396.2037037
wavelet-LLH	glszm	SmallAreaEmphasis	0.727494856
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.024848125
wavelet-LLH	glszm	ZoneEntropy	5.273406021
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.023783298
wavelet-LLH	ngtdm	Coarseness	0.052723208
wavelet-LLH	ngtdm	Complexity	2000.323679
wavelet-LLH	ngtdm	Strength	15.88519694
wavelet-LLH	ngtdm	Contrast	0.985182281
wavelet-LLH	ngtdm	Busyness	0.05019444
wavelet-LLL	gldm	GrayLevelVariance	261.8583235
wavelet-LLL	gldm	HighGrayLevelEmphasis	1381.064935
wavelet-LLL	gldm	DependenceEntropy	5.536076638
wavelet-LLL	gldm	DependenceNonUniformity	39.07792208
wavelet-LLL	gldm	GrayLevelNonUniformity	2.246753247
wavelet-LLL	gldm	SmallDependenceEmphasis	0.727994228
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1074.769841
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.507505482
wavelet-LLL	gldm	LargeDependenceEmphasis	2.376623377
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019655359
wavelet-LLL	gldm	DependenceVariance	0.372744139
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3177.038961
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017350673
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.017772814
wavelet-LLL	glcm	JointAverage	38.28673467
wavelet-LLL	glcm	SumAverage	76.57346934
wavelet-LLL	glcm	JointEntropy	6.377068692
wavelet-LLL	glcm	ClusterShade	2709.193066
wavelet-LLL	glcm	MaximumProbability	0.021144692
wavelet-LLL	glcm	Idmn	0.922017113
wavelet-LLL	glcm	JointEnergy	0.012397138
wavelet-LLL	glcm	Contrast	478.0080219
wavelet-LLL	glcm	DifferenceEntropy	4.567656517
wavelet-LLL	glcm	InverseVariance	0.067528737
wavelet-LLL	glcm	DifferenceVariance	152.3129956
wavelet-LLL	glcm	Idn	0.816459174
wavelet-LLL	glcm	Idm	0.068787235
wavelet-LLL	glcm	Correlation	0.155554889
wavelet-LLL	glcm	Autocorrelation	1510.328508
wavelet-LLL	glcm	SumEntropy	5.005845247
wavelet-LLL	glcm	SumSquares	281.9047989
wavelet-LLL	glcm	ClusterProminence	1075655.352
wavelet-LLL	glcm	Imc2	0.999792592
wavelet-LLL	glcm	Imc1	-0.761100482
wavelet-LLL	glcm	DifferenceAverage	17.71134143
wavelet-LLL	glcm	Id	0.12944844
wavelet-LLL	glcm	ClusterTendency	649.6111738
wavelet-LLL	firstorder	InterquartileRange	598.8354018
wavelet-LLL	firstorder	Skewness	0.471188321
wavelet-LLL	firstorder	Uniformity	0.029178614
wavelet-LLL	firstorder	Median	-1025.29757
wavelet-LLL	firstorder	Energy	75052673.22
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	250.5701619

wavelet-LLL	firstorder	MeanAbsoluteDeviation	339.1348363
wavelet-LLL	firstorder	TotalEnergy	2026422177
wavelet-LLL	firstorder	Maximum	29.73087256
wavelet-LLL	firstorder	RootMeanSquared	987.2740459
wavelet-LLL	firstorder	90Percentile	-346.6350919
wavelet-LLL	firstorder	Minimum	-1705.911566
wavelet-LLL	firstorder	Entropy	5.233684268
wavelet-LLL	firstorder	Range	1735.642438
wavelet-LLL	firstorder	Variance	162831.2311
wavelet-LLL	firstorder	10Percentile	-1340.96098
wavelet-LLL	firstorder	Kurtosis	2.444488105
wavelet-LLL	firstorder	Mean	-901.0431792
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.018022973
wavelet-LLL	grlm	GrayLevelVariance	263.4342551
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.018040775
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.029109546
wavelet-LLL	grlm	RunVariance	0.015970285
wavelet-LLL	grlm	GrayLevelNonUniformity	2.2056683
wavelet-LLL	grlm	LongRunEmphasis	1.049237335
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1368.446475
wavelet-LLL	grlm	RunLengthNonUniformity	73.37367035
wavelet-LLL	grlm	ShortRunEmphasis	0.987690666
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1444.057429
wavelet-LLL	grlm	RunPercentage	0.984015984
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.01811198
wavelet-LLL	grlm	RunEntropy	5.264181536
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1383.568666
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.968059429
wavelet-LLL	glszm	GrayLevelVariance	285.6836629
wavelet-LLL	glszm	ZoneVariance	0.280176899
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.028095734
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.673777315
wavelet-LLL	glszm	SizeZoneNonUniformity	41.77419355
wavelet-LLL	glszm	GrayLevelNonUniformity	1.741935484
wavelet-LLL	glszm	LargeAreaEmphasis	1.822580645
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1273.162186
wavelet-LLL	glszm	ZonePercentage	0.805194805
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022878561
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2466.580645
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1430.741935
wavelet-LLL	glszm	SmallAreaEmphasis	0.84811828
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.021708713
wavelet-LLL	glszm	ZoneEntropy	5.478232197
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.02145954
wavelet-LLL	ngtdm	Coarseness	0.036469933
wavelet-LLL	ngtdm	Complexity	12358.19699
wavelet-LLL	ngtdm	Strength	53.10571612
wavelet-LLL	ngtdm	Contrast	3.794568568
wavelet-LLL	ngtdm	Busyness	0.033907115
wavelet-HHL	gldm	GrayLevelVariance	7.678529263
wavelet-HHL	gldm	HighGrayLevelEmphasis	64.02597403
wavelet-HHL	gldm	DependenceEntropy	5.096150625
wavelet-HHL	gldm	DependenceNonUniformity	14.68831169



wavelet-HHL	gldm	GrayLevelNonUniformity	8.506493506
wavelet-HHL	gldm	SmallDependenceEmphasis	0.32119747
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	22.17669479
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.190757295
wavelet-HHL	gldm	LargeDependenceEmphasis	10.87012987
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.273304801
wavelet-HHL	gldm	DependenceVariance	2.482712093
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	650.5714286
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.024245518
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.041126519
wavelet-HHL	glcm	JointAverage	7.524600502
wavelet-HHL	glcm	SumAverage	15.049201
wavelet-HHL	glcm	JointEntropy	5.615809449
wavelet-HHL	glcm	ClusterShade	3.741333622
wavelet-HHL	glcm	MaximumProbability	0.052494199
wavelet-HHL	glcm	Idmn	0.943413466
wavelet-HHL	glcm	JointEnergy	0.023462115
wavelet-HHL	glcm	Contrast	13.16864563
wavelet-HHL	glcm	DifferenceEntropy	2.833375262
wavelet-HHL	glcm	InverseVariance	0.277604374
wavelet-HHL	glcm	DifferenceVariance	4.753551708
wavelet-HHL	glcm	Idn	0.843969994
wavelet-HHL	glcm	Idm	0.29026007
wavelet-HHL	glcm	Correlation	0.061826688
wavelet-HHL	glcm	Autocorrelation	57.05015784
wavelet-HHL	glcm	SumEntropy	3.644006848
wavelet-HHL	glcm	SumSquares	6.98625709
wavelet-HHL	glcm	ClusterProminence	533.2000096
wavelet-HHL	glcm	Imc2	0.937556892
wavelet-HHL	glcm	Imc1	-0.319814832
wavelet-HHL	glcm	DifferenceAverage	2.857927138
wavelet-HHL	glcm	Id	0.379938133
wavelet-HHL	glcm	ClusterTendency	14.77638273
wavelet-HHL	firstorder	InterquartileRange	102.4262651
wavelet-HHL	firstorder	Skewness	0.179063222
wavelet-HHL	firstorder	Uniformity	0.110473942
wavelet-HHL	firstorder	Median	-13.03456569
wavelet-HHL	firstorder	Energy	360096.9581
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	42.42271402
wavelet-HHL	firstorder	MeanAbsoluteDeviation	57.44851605
wavelet-HHL	firstorder	TotalEnergy	9722617.869
wavelet-HHL	firstorder	Maximum	157.9302159
wavelet-HHL	firstorder	RootMeanSquared	68.38555309
wavelet-HHL	firstorder	90Percentile	87.0231937
wavelet-HHL	firstorder	Minimum	-154.9583316
wavelet-HHL	firstorder	Entropy	3.420366244
wavelet-HHL	firstorder	Range	312.8885475
wavelet-HHL	firstorder	Variance	4675.548054
wavelet-HHL	firstorder	10Percentile	-78.14196326
wavelet-HHL	firstorder	Kurtosis	2.442312496
wavelet-HHL	firstorder	Mean	1.017751346
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.041119763
wavelet-HHL	glrlm	GrayLevelVariance	7.868903848

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.042515828
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.107669987
wavelet-HHL	glrlm	RunVariance	0.078928463
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.685057141
wavelet-HHL	glrlm	LongRunEmphasis	1.248486931
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	60.8041898
wavelet-HHL	glrlm	RunLengthNonUniformity	61.5700072
wavelet-HHL	glrlm	ShortRunEmphasis	0.941795407
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	79.43219001
wavelet-HHL	glrlm	RunPercentage	0.927072927
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.048422338
wavelet-HHL	glrlm	RunEntropy	3.716879018
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	64.30492689
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.860046986
wavelet-HHL	glszm	GrayLevelVariance	11.34333333
wavelet-HHL	glszm	ZoneVariance	9.445555556
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.093333333
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.362222222
wavelet-HHL	glszm	SizeZoneNonUniformity	10.86666667
wavelet-HHL	glszm	GrayLevelNonUniformity	2.8
wavelet-HHL	glszm	LargeAreaEmphasis	16.03333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	44.530262
wavelet-HHL	glszm	ZonePercentage	0.38961039
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.455687547
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	824.6666667
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	70.63333333
wavelet-HHL	glszm	SmallAreaEmphasis	0.622572055
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.066914829
wavelet-HHL	glszm	ZoneEntropy	4.389898095
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.056986957
wavelet-HHL	ngtdm	Coarseness	0.066328134
wavelet-HHL	ngtdm	Complexity	158.491721
wavelet-HHL	ngtdm	Strength	3.827064456
wavelet-HHL	ngtdm	Contrast	0.191846973
wavelet-HHL	ngtdm	Busyness	0.171425725
wavelet-HLH	gldm	GrayLevelVariance	17.4444257
wavelet-HLH	gldm	HighGrayLevelEmphasis	131.1298701
wavelet-HLH	gldm	DependenceEntropy	5.115758093
wavelet-HLH	gldm	DependenceNonUniformity	18.84415584
wavelet-HLH	gldm	GrayLevelNonUniformity	7.103896104
wavelet-HLH	gldm	SmallDependenceEmphasis	0.456150794
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	65.87021284
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.244729297
wavelet-HLH	gldm	LargeDependenceEmphasis	7.415584416
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.095706046
wavelet-HLH	gldm	DependenceVariance	1.890032046
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	883.4415584
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.022152078
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.028451801
wavelet-HLH	glcm	JointAverage	10.42235149
wavelet-HLH	glcm	SumAverage	20.84470299
wavelet-HLH	glcm	JointEntropy	5.82788352
wavelet-HLH	glcm	ClusterShade	27.54286115

wavelet-HLH	glcm	MaximumProbability	0.044310368
wavelet-HLH	glcm	Idmn	0.966536766
wavelet-HLH	glcm	JointEnergy	0.020089801
wavelet-HLH	glcm	Contrast	29.12923286
wavelet-HLH	glcm	DifferenceEntropy	3.14454951
wavelet-HLH	glcm	InverseVariance	0.227264399
wavelet-HLH	glcm	DifferenceVariance	12.80302763
wavelet-HLH	glcm	Idn	0.881669289
wavelet-HLH	glcm	Idm	0.23103407
wavelet-HLH	glcm	Correlation	0.054271406
wavelet-HLH	glcm	Autocorrelation	109.5108491
wavelet-HLH	glcm	SumEntropy	3.983195452
wavelet-HLH	glcm	SumSquares	15.37476837
wavelet-HLH	glcm	ClusterProminence	4329.072046
wavelet-HLH	glcm	Imc2	0.971620288
wavelet-HLH	glcm	Imc1	-0.40334443
wavelet-HLH	glcm	DifferenceAverage	3.978624713
wavelet-HLH	glcm	Id	0.324544659
wavelet-HLH	glcm	ClusterTendency	32.36984063
wavelet-HLH	firstorder	InterquartileRange	108.846241
wavelet-HLH	firstorder	Skewness	0.984082104
wavelet-HLH	firstorder	Uniformity	0.092258391
wavelet-HLH	firstorder	Median	4.410703928
wavelet-HLH	firstorder	Energy	829179.9269
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	47.51288983
wavelet-HLH	firstorder	MeanAbsoluteDeviation	74.79390153
wavelet-HLH	firstorder	TotalEnergy	22387858.03
wavelet-HLH	firstorder	Maximum	416.1994786
wavelet-HLH	firstorder	RootMeanSquared	103.7717229
wavelet-HLH	firstorder	90Percentile	118.7774637
wavelet-HLH	firstorder	Minimum	-226.1583075
wavelet-HLH	firstorder	Entropy	3.741612556
wavelet-HLH	firstorder	Range	642.3577862
wavelet-HLH	firstorder	Variance	10750.13761
wavelet-HLH	firstorder	10Percentile	-112.5641392
wavelet-HLH	firstorder	Kurtosis	5.974574368
wavelet-HLH	firstorder	Mean	4.293351466
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.028985235
wavelet-HLH	gllm	GrayLevelVariance	18.10591223
wavelet-HLH	gllm	LowGrayLevelRunEmphasis	0.029429056
wavelet-HLH	gllm	GrayLevelNonUniformityNormalized	0.08958007
wavelet-HLH	gllm	RunVariance	0.053807702
wavelet-HLH	gllm	GrayLevelNonUniformity	6.540150954
wavelet-HLH	gllm	LongRunEmphasis	1.168295092
wavelet-HLH	gllm	ShortRunHighGrayLevelEmphasis	126.9795006
wavelet-HLH	gllm	RunLengthNonUniformity	65.66584282
wavelet-HLH	gllm	ShortRunEmphasis	0.95909705
wavelet-HLH	gllm	LongRunHighGrayLevelEmphasis	151.7830327
wavelet-HLH	gllm	RunPercentage	0.948051948
wavelet-HLH	gllm	LongRunLowGrayLevelEmphasis	0.031243046
wavelet-HLH	gllm	RunEntropy	3.968553405
wavelet-HLH	gllm	HighGrayLevelRunEmphasis	131.8268714
wavelet-HLH	gllm	RunLengthNonUniformityNormalized	0.898447215

wavelet-HLH	glszm	GrayLevelVariance	27.59071981
wavelet-HLH	glszm	ZoneVariance	4.253420583
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.069601428
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.500297442
wavelet-HLH	glszm	SizeZoneNonUniformity	20.51219512
wavelet-HLH	glszm	GrayLevelNonUniformity	2.853658537
wavelet-HLH	glszm	LargeAreaEmphasis	7.780487805
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	108.9431205
wavelet-HLH	glszm	ZonePercentage	0.532467532
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.109890611
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	953.3902439
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	141.195122
wavelet-HLH	glszm	SmallAreaEmphasis	0.733898844
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.043699133
wavelet-HLH	glszm	ZoneEntropy	4.625844688
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.040095992
wavelet-HLH	ngtdm	Coarseness	0.072652923
wavelet-HLH	ngtdm	Complexity	432.9076258
wavelet-HLH	ngtdm	Strength	10.22583906
wavelet-HLH	ngtdm	Contrast	0.343016047
wavelet-HLH	ngtdm	Busyness	0.079650795

Image type	Feature Class	Feature Name	
general	info	BoundingBox	28: RTSTRUCT: C99-DNU_segment_RLL ITV (0, 0, 1, 7, 7, 6)
general	info	EnabledImageTypes	{'u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	bd0c01e78fb8326e25079663ea39632c6bdc71d0 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	01bacc67f08dd495251786d4bc5c28e749e9879a
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	132
original	shape	Maximum3DDiameter	20.34698995
original	shape	Maximum2DDiameterSlice	19.20937271
original	shape	Sphericity	0.888560936
original	shape	MinorAxis	17.98955208
original	shape	Elongation	0.922270409
original	shape	SurfaceVolumeRatio	0.356301521
original	shape	Volume	3564
original	shape	MajorAxis	19.50572403
original	shape	SurfaceArea	1269.858621
original	shape	Flatness	0.731322527
original	shape	LeastAxis	14.26497539
original	shape	Maximum2DDiameterColumn	19.20937271
original	shape	Maximum2DDiameterRow	18.97366596
original	gldm	GrayLevelVariance	84.46258035
original	gldm	HighGrayLevelEmphasis	456.4848485
original	gldm	DependenceEntropy	5.623960696
original	gldm	DependenceNonUniformity	45
original	gldm	GrayLevelNonUniformity	5.363636364
original	gldm	SmallDependenceEmphasis	0.583768939
original	gldm	SmallDependenceHighGrayLevelEmphasis	192.3255177
original	gldm	DependenceNonUniformityNormalized	0.340909091
original	gldm	LargeDependenceEmphasis	5.5
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.036334931
original	gldm	DependenceVariance	1.679752066
original	gldm	LargeDependenceHighGrayLevelEmphasis	4058.484848
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.023375352
original	gldm	LowGrayLevelEmphasis	0.025276103
original	glcm	JointAverage	21.82089354
original	glcm	SumAverage	43.64178708

original	glcm	JointEntropy	7.069930569
original	glcm	ClusterShade	-1229.85347
original	glcm	MaximumProbability	0.0219708
original	glcm	Idmn	0.919286516
original	glcm	JointEnergy	0.008211098
original	glcm	Contrast	111.3846716
original	glcm	DifferenceEntropy	4.234906886
original	glcm	InverseVariance	0.124841412
original	glcm	DifferenceVariance	42.7024836
original	glcm	Idn	0.819219171
original	glcm	Idm	0.134315299
original	glcm	Correlation	0.256919147
original	glcm	Autocorrelation	495.2021025
original	glcm	SumEntropy	5.180515309
original	glcm	SumSquares	74.70904372
original	glcm	ClusterProminence	86295.71299
original	glcm	Imc2	0.993185753
original	glcm	Imc1	-0.46824966
original	glcm	DifferenceAverage	8.238044947
original	glcm	Id	0.217994179
original	glcm	ClusterTendency	187.4515033
original	firstorder	InterquartileRange	391
original	firstorder	Skewness	-0.306634858
original	firstorder	Uniformity	0.040633609
original	firstorder	Median	-269.5
original	firstorder	Energy	19421475
original	firstorder	RobustMeanAbsoluteDeviation	156.3796228
original	firstorder	MeanAbsoluteDeviation	199.4573003
original	firstorder	TotalEnergy	524379825
original	firstorder	Maximum	47
original	firstorder	RootMeanSquared	383.5783966
original	firstorder	90Percentile	-19.2
original	firstorder	Minimum	-774
original	firstorder	Entropy	4.77926406
original	firstorder	Range	821
original	firstorder	Variance	53426.828
original	firstorder	10Percentile	-656.2
original	firstorder	Kurtosis	1.885750709
original	firstorder	Mean	-306.1136364
original	glrlm	ShortRunLowGrayLevelEmphasis	0.026033989
original	glrlm	GrayLevelVariance	83.87120075
original	glrlm	LowGrayLevelRunEmphasis	0.026123992
original	glrlm	GrayLevelNonUniformityNormalized	0.040075487
original	glrlm	RunVariance	0.039067761
original	glrlm	GrayLevelNonUniformity	5.096152916
original	glrlm	LongRunEmphasis	1.117665492
original	glrlm	ShortRunHighGrayLevelEmphasis	424.9360115
original	glrlm	RunLengthNonUniformity	118.1798862
original	glrlm	ShortRunEmphasis	0.97194038
original	glrlm	LongRunHighGrayLevelEmphasis	531.6755651
original	glrlm	RunPercentage	0.963286713
original	glrlm	LongRunLowGrayLevelEmphasis	0.026499853
original	glrlm	RunEntropy	4.906903573
original	glrlm	HighGrayLevelRunEmphasis	445.7683559
original	glrlm	RunLengthNonUniformityNormalized	0.928899254

original	glszm	GrayLevelVariance	76.22697846
original	glszm	ZoneVariance	1.445105034
original	glszm	GrayLevelNonUniformityNormalized	0.039239001
original	glszm	SizeZoneNonUniformityNormalized	0.595983617
original	glszm	SizeZoneNonUniformity	51.85057471
original	glszm	GrayLevelNonUniformity	3.413793103
original	glszm	LargeAreaEmphasis	3.747126437
original	glszm	SmallAreaHighGrayLevelEmphasis	242.0864701
original	glszm	ZonePercentage	0.659090909
original	glszm	LargeAreaLowGrayLevelEmphasis	0.044009351
original	glszm	LargeAreaHighGrayLevelEmphasis	2390.229885
original	glszm	HighGrayLevelZoneEmphasis	348.6666667
original	glszm	SmallAreaEmphasis	0.798408268
original	glszm	LowGrayLevelZoneEmphasis	0.036288291
original	glszm	ZoneEntropy	5.302042565
original	glszm	SmallAreaLowGrayLevelEmphasis	0.035004218
original	ngtdm	Coarseness	0.032458302
original	ngtdm	Complexity	2390.284625
original	ngtdm	Strength	13.26744761
original	ngtdm	Contrast	1.135368347
original	ngtdm	Busyness	0.057275028
wavelet-HHH	gldm	GrayLevelVariance	8.461202938
wavelet-HHH	gldm	HighGrayLevelEmphasis	98.13636364
wavelet-HHH	gldm	DependenceEntropy	5.208743762
wavelet-HHH	gldm	DependenceNonUniformity	28.90909091
wavelet-HHH	gldm	GrayLevelNonUniformity	14.48484848
wavelet-HHH	gldm	SmallDependenceEmphasis	0.412653491
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	47.06238851
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.219008264
wavelet-HHH	gldm	LargeDependenceEmphasis	8.878787879
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.138202061
wavelet-HHH	gldm	DependenceVariance	2.322084481
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	777.7575758
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014797462
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025439552
wavelet-HHH	glcm	JointAverage	9.459886087
wavelet-HHH	glcm	SumAverage	18.91977217
wavelet-HHH	glcm	JointEntropy	6.21527996
wavelet-HHH	glcm	ClusterShade	0.608851882
wavelet-HHH	glcm	MaximumProbability	0.04136733
wavelet-HHH	glcm	Idmn	0.949147534
wavelet-HHH	glcm	JointEnergy	0.01715833
wavelet-HHH	glcm	Contrast	19.94225701
wavelet-HHH	glcm	DifferenceEntropy	3.136713871
wavelet-HHH	glcm	InverseVariance	0.283881783
wavelet-HHH	glcm	DifferenceVariance	8.224558552
wavelet-HHH	glcm	Idn	0.855226472
wavelet-HHH	glcm	Idm	0.259892892
wavelet-HHH	glcm	Correlation	-0.036949751
wavelet-HHH	glcm	Autocorrelation	89.14842813
wavelet-HHH	glcm	SumEntropy	3.871806412
wavelet-HHH	glcm	SumSquares	9.627695756
wavelet-HHH	glcm	ClusterProminence	1361.238492
wavelet-HHH	glcm	Imc2	0.911639528
wavelet-HHH	glcm	Imc1	-0.252326691

wavelet-HHH	glcm	DifferenceAverage	3.389117317
wavelet-HHH	glcm	Id	0.348749062
wavelet-HHH	glcm	ClusterTendency	18.56852601
wavelet-HHH	firstorder	InterquartileRange	88.33263115
wavelet-HHH	firstorder	Skewness	-0.049403421
wavelet-HHH	firstorder	Uniformity	0.109733701
wavelet-HHH	firstorder	Median	0.393356139
wavelet-HHH	firstorder	Energy	701052.7506
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	34.58757996
wavelet-HHH	firstorder	MeanAbsoluteDeviation	54.71771141
wavelet-HHH	firstorder	TotalEnergy	18928424.27
wavelet-HHH	firstorder	Maximum	206.6832743
wavelet-HHH	firstorder	RootMeanSquared	72.87664706
wavelet-HHH	firstorder	90Percentile	82.38377765
wavelet-HHH	firstorder	Minimum	-207.6927616
wavelet-HHH	firstorder	Entropy	3.504388176
wavelet-HHH	firstorder	Range	414.3760359
wavelet-HHH	firstorder	Variance	5310.739786
wavelet-HHH	firstorder	10Percentile	-80.06240883
wavelet-HHH	firstorder	Kurtosis	3.739289368
wavelet-HHH	firstorder	Mean	-0.515655568
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.02538128
wavelet-HHH	glrlm	GrayLevelVariance	8.80491122
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026087586
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.106150751
wavelet-HHH	glrlm	RunVariance	0.068271161
wavelet-HHH	glrlm	GrayLevelNonUniformity	13.17121245
wavelet-HHH	glrlm	LongRunEmphasis	1.201556064
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	94.85485111
wavelet-HHH	glrlm	RunLengthNonUniformity	110.3131872
wavelet-HHH	glrlm	ShortRunEmphasis	0.95438189
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	116.3325216
wavelet-HHH	glrlm	RunPercentage	0.93997669
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.029166819
wavelet-HHH	glrlm	RunEntropy	3.799837752
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	98.8475662
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.888181102
wavelet-HHH	glszm	GrayLevelVariance	14.18305556
wavelet-HHH	glszm	ZoneVariance	9.626666667
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.083888889
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.516666667
wavelet-HHH	glszm	SizeZoneNonUniformity	31
wavelet-HHH	glszm	GrayLevelNonUniformity	5.033333333
wavelet-HHH	glszm	LargeAreaEmphasis	14.46666667
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	89.59438643
wavelet-HHH	glszm	ZonePercentage	0.454545455
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.21034494
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1318.133333
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	110.55
wavelet-HHH	glszm	SmallAreaEmphasis	0.744090721
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.03623392
wavelet-HHH	glszm	ZoneEntropy	4.590328621
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.029243438
wavelet-HHH	ngtdm	Coarseness	0.049662732
wavelet-HHH	ngtdm	Complexity	271.2227809



wavelet-HHH	ngtdm	Strength	4.20696837
wavelet-HHH	ngtdm	Contrast	0.126836121
wavelet-HHH	ngtdm	Busyness	0.107905517
wavelet-HLL	gldm	GrayLevelVariance	50.55280073
wavelet-HLL	gldm	HighGrayLevelEmphasis	280.1212121
wavelet-HLL	gldm	DependenceEntropy	5.842853521
wavelet-HLL	gldm	DependenceNonUniformity	35.3030303
wavelet-HLL	gldm	GrayLevelNonUniformity	6.651515152
wavelet-HLL	gldm	SmallDependenceEmphasis	0.472879776
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	150.6879628
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.267447199
wavelet-HLL	gldm	LargeDependenceEmphasis	6.575757576
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.058278574
wavelet-HLL	gldm	DependenceVariance	1.682277319
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1482.045455
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011745911
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.015896012
wavelet-HLL	glcm	JointAverage	14.31469415
wavelet-HLL	glcm	SumAverage	28.6293883
wavelet-HLL	glcm	JointEntropy	6.870178959
wavelet-HLL	glcm	ClusterShade	1202.603012
wavelet-HLL	glcm	MaximumProbability	0.027802933
wavelet-HLL	glcm	Idmn	0.95869188
wavelet-HLL	glcm	JointEnergy	0.009818942
wavelet-HLL	glcm	Contrast	58.49136248
wavelet-HLL	glcm	DifferenceEntropy	3.742152322
wavelet-HLL	glcm	InverseVariance	0.17161985
wavelet-HLL	glcm	DifferenceVariance	22.35312026
wavelet-HLL	glcm	Idn	0.869139628
wavelet-HLL	glcm	Idm	0.176051972
wavelet-HLL	glcm	Correlation	0.358287459
wavelet-HLL	glcm	Autocorrelation	221.980666
wavelet-HLL	glcm	SumEntropy	4.871842083
wavelet-HLL	glcm	SumSquares	46.25261843
wavelet-HLL	glcm	ClusterProminence	51997.08407
wavelet-HLL	glcm	Imc2	0.989908382
wavelet-HLL	glcm	Imc1	-0.44446148
wavelet-HLL	glcm	DifferenceAverage	5.808559187
wavelet-HLL	glcm	Id	0.266575354
wavelet-HLL	glcm	ClusterTendency	126.5191112
wavelet-HLL	firstorder	InterquartileRange	247.4448144
wavelet-HLL	firstorder	Skewness	0.627362643
wavelet-HLL	firstorder	Uniformity	0.050390266
wavelet-HLL	firstorder	Median	-94.14868711
wavelet-HLL	firstorder	Energy	4628782.726
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	103.1762138
wavelet-HLL	firstorder	MeanAbsoluteDeviation	146.3359269
wavelet-HLL	firstorder	TotalEnergy	124977133.6
wavelet-HLL	firstorder	Maximum	425.2341167
wavelet-HLL	firstorder	RootMeanSquared	187.2606093
wavelet-HLL	firstorder	90Percentile	223.3103477
wavelet-HLL	firstorder	Minimum	-403.6405786
wavelet-HLL	firstorder	Entropy	4.544071776
wavelet-HLL	firstorder	Range	828.8746952
wavelet-HLL	firstorder	Variance	31645.4239

wavelet-HLL	firstorder	10Percentile	-262.3282319
wavelet-HLL	firstorder	Kurtosis	2.665693389
wavelet-HLL	firstorder	Mean	-58.49027189
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016027345
wavelet-HLL	glrlm	GrayLevelVariance	51.4140049
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.016305172
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.049423867
wavelet-HLL	glrlm	RunVariance	0.052729636
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.220444623
wavelet-HLL	glrlm	LongRunEmphasis	1.155006082
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	274.6886497
wavelet-HLL	glrlm	RunLengthNonUniformity	114.8094968
wavelet-HLL	glrlm	ShortRunEmphasis	0.964430273
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	318.8812742
wavelet-HLL	glrlm	RunPercentage	0.953379953
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.017463938
wavelet-HLL	glrlm	RunEntropy	4.726448997
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	282.660405
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.911252566
wavelet-HLL	glszm	GrayLevelVariance	60.67128889
wavelet-HLL	glszm	ZoneVariance	1.835733333
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.042133333
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.460977778
wavelet-HLL	glszm	SizeZoneNonUniformity	34.57333333
wavelet-HLL	glszm	GrayLevelNonUniformity	3.16
wavelet-HLL	glszm	LargeAreaEmphasis	4.933333333
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	233.8180481
wavelet-HLL	glszm	ZonePercentage	0.568181818
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.053375664
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1159.28
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	313.6933333
wavelet-HLL	glszm	SmallAreaEmphasis	0.705349074
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021933223
wavelet-HLL	glszm	ZoneEntropy	5.467226484
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019608613
wavelet-HLL	ngtdm	Coarseness	0.045567308
wavelet-HLL	ngtdm	Complexity	1434.660799
wavelet-HLL	ngtdm	Strength	15.83544317
wavelet-HLL	ngtdm	Contrast	0.473511719
wavelet-HLL	ngtdm	Busyness	0.067411655
wavelet-LHL	gldm	GrayLevelVariance	56.98530762
wavelet-LHL	gldm	HighGrayLevelEmphasis	350.1212121
wavelet-LHL	gldm	DependenceEntropy	5.793653589
wavelet-LHL	gldm	DependenceNonUniformity	44.06060606
wavelet-LHL	gldm	GrayLevelNonUniformity	5.893939394
wavelet-LHL	gldm	SmallDependenceEmphasis	0.55395202
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	231.7171507
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.33379247
wavelet-LHL	gldm	LargeDependenceEmphasis	4.409090909
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.034558324
wavelet-LHL	gldm	DependenceVariance	0.935950413
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1242.969697
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012679506
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.015326363
wavelet-LHL	glcm	JointAverage	16.67691676

wavelet-LHL	glcm	SumAverage	33.35383352
wavelet-LHL	glcm	JointEntropy	7.015237636
wavelet-LHL	glcm	ClusterShade	1389.698933
wavelet-LHL	glcm	MaximumProbability	0.017691884
wavelet-LHL	glcm	Idmn	0.964002414
wavelet-LHL	glcm	JointEnergy	0.008395854
wavelet-LHL	glcm	Contrast	68.40067471
wavelet-LHL	glcm	DifferenceEntropy	3.855525425
wavelet-LHL	glcm	InverseVariance	0.15583986
wavelet-LHL	glcm	DifferenceVariance	24.88951932
wavelet-LHL	glcm	Idn	0.874177214
wavelet-LHL	glcm	Idm	0.146653864
wavelet-LHL	glcm	Correlation	0.281922891
wavelet-LHL	glcm	Autocorrelation	292.6526997
wavelet-LHL	glcm	SumEntropy	4.832780614
wavelet-LHL	glcm	SumSquares	48.69111832
wavelet-LHL	glcm	ClusterProminence	68252.64313
wavelet-LHL	glcm	Imc2	0.991717546
wavelet-LHL	glcm	Imc1	-0.453741658
wavelet-LHL	glcm	DifferenceAverage	6.416635408
wavelet-LHL	glcm	Id	0.238095416
wavelet-LHL	glcm	ClusterTendency	126.3637986
wavelet-LHL	firstorder	InterquartileRange	254.1182502
wavelet-LHL	firstorder	Skewness	0.63915521
wavelet-LHL	firstorder	Uniformity	0.044651056
wavelet-LHL	firstorder	Median	-77.74994976
wavelet-LHL	firstorder	Energy	5174801.906
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	103.4194134
wavelet-LHL	firstorder	MeanAbsoluteDeviation	150.2421814
wavelet-LHL	firstorder	TotalEnergy	139719651.5
wavelet-LHL	firstorder	Maximum	541.4164534
wavelet-LHL	firstorder	RootMeanSquared	197.9975877
wavelet-LHL	firstorder	90Percentile	209.0058442
wavelet-LHL	firstorder	Minimum	-463.2062219
wavelet-LHL	firstorder	Entropy	4.665972747
wavelet-LHL	firstorder	Range	1004.622675
wavelet-LHL	firstorder	Variance	35665.66263
wavelet-LHL	firstorder	10Percentile	-268.7008669
wavelet-LHL	firstorder	Kurtosis	3.272687763
wavelet-LHL	firstorder	Mean	-59.47589523
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.015515041
wavelet-LHL	glrlm	GrayLevelVariance	57.93897485
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.015659405
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.044263403
wavelet-LHL	glrlm	RunVariance	0.035659488
wavelet-LHL	glrlm	GrayLevelNonUniformity	5.649588318
wavelet-LHL	glrlm	LongRunEmphasis	1.10656848
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	346.3572419
wavelet-LHL	glrlm	RunLengthNonUniformity	119.48017
wavelet-LHL	glrlm	ShortRunEmphasis	0.974759029
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	381.1410757
wavelet-LHL	glrlm	RunPercentage	0.966783217
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.016269717
wavelet-LHL	glrlm	RunEntropy	4.798937617
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	353.0842202

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.935751084
wavelet-LHL	glszm	GrayLevelVariance	71.37301038
wavelet-LHL	glszm	ZoneVariance	1.117785467
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040276817
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.528581315
wavelet-LHL	glszm	SizeZoneNonUniformity	44.92941176
wavelet-LHL	glszm	GrayLevelNonUniformity	3.423529412
wavelet-LHL	glszm	LargeAreaEmphasis	3.529411765
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	332.4593105
wavelet-LHL	glszm	ZonePercentage	0.643939394
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.034867447
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1060.4
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	397.4941176
wavelet-LHL	glszm	SmallAreaEmphasis	0.755434641
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.020565594
wavelet-LHL	glszm	ZoneEntropy	5.464640789
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.019052202
wavelet-LHL	ngtdm	Coarseness	0.042503906
wavelet-LHL	ngtdm	Complexity	2064.090649
wavelet-LHL	ngtdm	Strength	18.53236749
wavelet-LHL	ngtdm	Contrast	0.538218605
wavelet-LHL	ngtdm	Busyness	0.064581537
wavelet-LHH	gldm	GrayLevelVariance	22.94834711
wavelet-LHH	gldm	HighGrayLevelEmphasis	186.0909091
wavelet-LHH	gldm	DependenceEntropy	5.505314457
wavelet-LHH	gldm	DependenceNonUniformity	36.87878788
wavelet-LHH	gldm	GrayLevelNonUniformity	8.909090909
wavelet-LHH	gldm	SmallDependenceEmphasis	0.494149832
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	101.1612416
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.279384757
wavelet-LHH	gldm	LargeDependenceEmphasis	6.560606061
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.066849304
wavelet-LHH	gldm	DependenceVariance	1.800275482
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1055.80303
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015812075
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.020258247
wavelet-LHH	glcm	JointAverage	12.72084098
wavelet-LHH	glcm	SumAverage	25.44168196
wavelet-LHH	glcm	JointEntropy	6.770355804
wavelet-LHH	glcm	ClusterShade	-16.37130733
wavelet-LHH	glcm	MaximumProbability	0.027943314
wavelet-LHH	glcm	Idmn	0.93348922
wavelet-LHH	glcm	JointEnergy	0.010582931
wavelet-LHH	glcm	Contrast	47.14082122
wavelet-LHH	glcm	DifferenceEntropy	3.681356906
wavelet-LHH	glcm	InverseVariance	0.172123704
wavelet-LHH	glcm	DifferenceVariance	17.22692162
wavelet-LHH	glcm	Idn	0.832231034
wavelet-LHH	glcm	Idm	0.175619993
wavelet-LHH	glcm	Correlation	-0.054443465
wavelet-LHH	glcm	Autocorrelation	160.6296511
wavelet-LHH	glcm	SumEntropy	4.404494025
wavelet-LHH	glcm	SumSquares	22.36744434
wavelet-LHH	glcm	ClusterProminence	5445.580026
wavelet-LHH	glcm	Imc2	0.971141893

wavelet-LHH	glcm	Imc1	-0.353464669
wavelet-LHH	glcm	DifferenceAverage	5.388243314
wavelet-LHH	glcm	Id	0.268232661
wavelet-LHH	glcm	ClusterTendency	42.32895614
wavelet-LHH	firstorder	InterquartileRange	148.0200181
wavelet-LHH	firstorder	Skewness	-0.035523327
wavelet-LHH	firstorder	Uniformity	0.067493113
wavelet-LHH	firstorder	Median	19.81612833
wavelet-LHH	firstorder	Energy	1904823.693
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	65.49739587
wavelet-LHH	firstorder	MeanAbsoluteDeviation	95.48366411
wavelet-LHH	firstorder	TotalEnergy	51430239.71
wavelet-LHH	firstorder	Maximum	296.498249
wavelet-LHH	firstorder	RootMeanSquared	120.1269434
wavelet-LHH	firstorder	90Percentile	156.5579792
wavelet-LHH	firstorder	Minimum	-286.7354358
wavelet-LHH	firstorder	Entropy	4.143074894
wavelet-LHH	firstorder	Range	583.2336847
wavelet-LHH	firstorder	Variance	14386.15033
wavelet-LHH	firstorder	10Percentile	-163.212546
wavelet-LHH	firstorder	Kurtosis	2.771723823
wavelet-LHH	firstorder	Mean	6.658242531
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020524713
wavelet-LHH	glrlm	GrayLevelVariance	23.58510111
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.020821308
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.065722125
wavelet-LHH	glrlm	RunVariance	0.05151179
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.28276139
wavelet-LHH	glrlm	LongRunEmphasis	1.150448619
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	181.8421089
wavelet-LHH	glrlm	RunLengthNonUniformity	115.3223592
wavelet-LHH	glrlm	ShortRunEmphasis	0.965845968
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	211.5452789
wavelet-LHH	glrlm	RunPercentage	0.954545455
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.022091621
wavelet-LHH	glrlm	RunEntropy	4.35385083
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	187.3123282
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.914525475
wavelet-LHH	glszm	GrayLevelVariance	31.65789474
wavelet-LHH	glszm	ZoneVariance	3.693905817
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.052285319
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.514542936
wavelet-LHH	glszm	SizeZoneNonUniformity	39.10526316
wavelet-LHH	glszm	GrayLevelNonUniformity	3.973684211
wavelet-LHH	glszm	LargeAreaEmphasis	6.710526316
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	155.6201949
wavelet-LHH	glszm	ZonePercentage	0.575757576
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.071526201
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1182.368421
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	200.6578947
wavelet-LHH	glszm	SmallAreaEmphasis	0.742333587
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.028795739
wavelet-LHH	glszm	ZoneEntropy	5.198263862
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026427545
wavelet-LHH	ngtdm	Coarseness	0.039233069

wavelet-LHH	ngtdm	Complexity	782.4898659
wavelet-LHH	ngtdm	Strength	5.989499678
wavelet-LHH	ngtdm	Contrast	0.365854626
wavelet-LHH	ngtdm	Busyness	0.095997166
wavelet-LLH	gldm	GrayLevelVariance	58.68916437
wavelet-LLH	gldm	HighGrayLevelEmphasis	464.7727273
wavelet-LLH	gldm	DependenceEntropy	5.789479419
wavelet-LLH	gldm	DependenceNonUniformity	44.68181818
wavelet-LLH	gldm	GrayLevelNonUniformity	5.651515152
wavelet-LLH	gldm	SmallDependenceEmphasis	0.556885522
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	287.648931
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.338498623
wavelet-LLH	gldm	LargeDependenceEmphasis	4.484848485
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.027888068
wavelet-LLH	gldm	DependenceVariance	1.011707989
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1659.257576
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010278054
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011950207
wavelet-LLH	glcm	JointAverage	19.8552858
wavelet-LLH	glcm	SumAverage	39.71057159
wavelet-LLH	glcm	JointEntropy	7.088841463
wavelet-LLH	glcm	ClusterShade	538.8825255
wavelet-LLH	glcm	MaximumProbability	0.018413463
wavelet-LLH	glcm	Idmn	0.966756671
wavelet-LLH	glcm	JointEnergy	0.00796634
wavelet-LLH	glcm	Contrast	66.77782177
wavelet-LLH	glcm	DifferenceEntropy	3.83223866
wavelet-LLH	glcm	InverseVariance	0.16211475
wavelet-LLH	glcm	DifferenceVariance	25.88719213
wavelet-LLH	glcm	Idn	0.879263491
wavelet-LLH	glcm	Idm	0.15016461
wavelet-LLH	glcm	Correlation	0.395061615
wavelet-LLH	glcm	Autocorrelation	417.0597596
wavelet-LLH	glcm	SumEntropy	5.129233933
wavelet-LLH	glcm	SumSquares	56.17213651
wavelet-LLH	glcm	ClusterProminence	67205.95436
wavelet-LLH	glcm	Imc2	0.995145537
wavelet-LLH	glcm	Imc1	-0.495813382
wavelet-LLH	glcm	DifferenceAverage	6.267414732
wavelet-LLH	glcm	Id	0.241731727
wavelet-LLH	glcm	ClusterTendency	157.9107243
wavelet-LLH	firstorder	InterquartileRange	294.0053428
wavelet-LLH	firstorder	Skewness	0.133451608
wavelet-LLH	firstorder	Uniformity	0.042814509
wavelet-LLH	firstorder	Median	-68.19521849
wavelet-LLH	firstorder	Energy	5276937.95
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	111.3441956
wavelet-LLH	firstorder	MeanAbsoluteDeviation	156.4975189
wavelet-LLH	firstorder	TotalEnergy	142477324.6
wavelet-LLH	firstorder	Maximum	479.4375239
wavelet-LLH	firstorder	RootMeanSquared	199.9419982
wavelet-LLH	firstorder	90Percentile	176.5431392
wavelet-LLH	firstorder	Minimum	-548.2089984
wavelet-LLH	firstorder	Entropy	4.776450136
wavelet-LLH	firstorder	Range	1027.646522

wavelet-LLH	firstorder	Variance	36533.35092
wavelet-LLH	firstorder	10Percentile	-298.7575118
wavelet-LLH	firstorder	Kurtosis	2.749970208
wavelet-LLH	firstorder	Mean	-58.68093154
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012107845
wavelet-LLH	glrlm	GrayLevelVariance	59.29564518
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.012217756
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042243478
wavelet-LLH	glrlm	RunVariance	0.033141434
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.39182695
wavelet-LLH	glrlm	LongRunEmphasis	1.103955838
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	458.5913468
wavelet-LLH	glrlm	RunLengthNonUniformity	119.2250368
wavelet-LLH	glrlm	ShortRunEmphasis	0.974011041
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	506.3484751
wavelet-LLH	glrlm	RunPercentage	0.966783217
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012657402
wavelet-LLH	glrlm	RunEntropy	4.917339998
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	468.1427725
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.933717131
wavelet-LLH	glszm	GrayLevelVariance	70.67006803
wavelet-LLH	glszm	ZoneVariance	1.387755102
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037131519
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.54223356
wavelet-LLH	glszm	SizeZoneNonUniformity	45.54761905
wavelet-LLH	glszm	GrayLevelNonUniformity	3.119047619
wavelet-LLH	glszm	LargeAreaEmphasis	3.857142857
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	404.9677149
wavelet-LLH	glszm	ZonePercentage	0.636363636
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.028285763
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1552.238095
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	505.6904762
wavelet-LLH	glszm	SmallAreaEmphasis	0.763556446
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016595753
wavelet-LLH	glszm	ZoneEntropy	5.551493727
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015775027
wavelet-LLH	ngtdm	Coarseness	0.055115906
wavelet-LLH	ngtdm	Complexity	1778.228549
wavelet-LLH	ngtdm	Strength	23.27000624
wavelet-LLH	ngtdm	Contrast	0.386124322
wavelet-LLH	ngtdm	Busyness	0.031074228
wavelet-LLL	gldm	GrayLevelVariance	493.8627181
wavelet-LLL	gldm	HighGrayLevelEmphasis	2038.590909
wavelet-LLL	gldm	DependenceEntropy	6.070882805
wavelet-LLL	gldm	DependenceNonUniformity	85.45454545
wavelet-LLL	gldm	GrayLevelNonUniformity	2.727272727
wavelet-LLL	gldm	SmallDependenceEmphasis	0.832491582
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1613.39899
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.64738292
wavelet-LLL	gldm	LargeDependenceEmphasis	1.939393939
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.020447866
wavelet-LLL	gldm	DependenceVariance	0.319559229
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4519.863636
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019538121
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.019674417

wavelet-LLL	glcm	JointAverage	46.1600854
wavelet-LLL	glcm	SumAverage	92.3201708
wavelet-LLL	glcm	JointEntropy	7.373634642
wavelet-LLL	glcm	ClusterShade	-1140.59808
wavelet-LLL	glcm	MaximumProbability	0.011214621
wavelet-LLL	glcm	Idmn	0.922756364
wavelet-LLL	glcm	JointEnergy	0.006129889
wavelet-LLL	glcm	Contrast	648.2589169
wavelet-LLL	glcm	DifferenceEntropy	5.151326406
wavelet-LLL	glcm	InverseVariance	0.044542249
wavelet-LLL	glcm	DifferenceVariance	207.460489
wavelet-LLL	glcm	Idn	0.815410438
wavelet-LLL	glcm	Idm	0.046146915
wavelet-LLL	glcm	Correlation	0.340322192
wavelet-LLL	glcm	Autocorrelation	2293.588081
wavelet-LLL	glcm	SumEntropy	5.908576306
wavelet-LLL	glcm	SumSquares	486.4581179
wavelet-LLL	glcm	ClusterProminence	3705508.936
wavelet-LLL	glcm	Imc2	0.999894522
wavelet-LLL	glcm	Imc1	-0.731449567
wavelet-LLL	glcm	DifferenceAverage	20.75046768
wavelet-LLL	glcm	Id	0.104781663
wavelet-LLL	glcm	ClusterTendency	1297.573555
wavelet-LLL	firstorder	InterquartileRange	853.2674635
wavelet-LLL	firstorder	Skewness	0.233674503
wavelet-LLL	firstorder	Uniformity	0.020661157
wavelet-LLL	firstorder	Median	-991.1526001
wavelet-LLL	firstorder	Energy	154801300.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	350.5301641
wavelet-LLL	firstorder	MeanAbsoluteDeviation	468.1277954
wavelet-LLL	firstorder	TotalEnergy	4179635111
wavelet-LLL	firstorder	Maximum	162.8526026
wavelet-LLL	firstorder	RootMeanSquared	1082.92988
wavelet-LLL	firstorder	90Percentile	-121.7976107
wavelet-LLL	firstorder	Minimum	-1884.90924
wavelet-LLL	firstorder	Entropy	5.841605059
wavelet-LLL	firstorder	Range	2047.761842
wavelet-LLL	firstorder	Variance	308386.2755
wavelet-LLL	firstorder	10Percentile	-1618.109803
wavelet-LLL	firstorder	Kurtosis	2.044435751
wavelet-LLL	firstorder	Mean	-929.7047105
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.019868381
wavelet-LLL	glrlm	GrayLevelVariance	493.6409867
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.01987491
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020532497
wavelet-LLL	glrlm	RunVariance	0.010487224
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.681876685
wavelet-LLL	glrlm	LongRunEmphasis	1.03189909
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2011.757607
wavelet-LLL	glrlm	RunLengthNonUniformity	127.884043
wavelet-LLL	glrlm	ShortRunEmphasis	0.992025228
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2115.706965
wavelet-LLL	glrlm	RunPercentage	0.98951049
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.019901026
wavelet-LLL	glrlm	RunEntropy	5.868681226



wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2032.547478
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.979025552
wavelet-LLL	glszm	GrayLevelVariance	497.3014269
wavelet-LLL	glszm	ZoneVariance	0.205112961
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019619501
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.810196195
wavelet-LLL	glszm	SizeZoneNonUniformity	93.98275862
wavelet-LLL	glszm	GrayLevelNonUniformity	2.275862069
wavelet-LLL	glszm	LargeAreaEmphasis	1.5
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1768.455759
wavelet-LLL	glszm	ZonePercentage	0.878787879
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022713497
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3165.431034
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1978.224138
wavelet-LLL	glszm	SmallAreaEmphasis	0.918402778
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.02227252
wavelet-LLL	glszm	ZoneEntropy	6.02182825
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.02220842
wavelet-LLL	ngtdm	Coarseness	0.026209878
wavelet-LLL	ngtdm	Complexity	31032.14474
wavelet-LLL	ngtdm	Strength	76.19893632
wavelet-LLL	ngtdm	Contrast	3.075776611
wavelet-LLL	ngtdm	Busyness	0.019760924
wavelet-HHL	gldm	GrayLevelVariance	9.626033058
wavelet-HHL	gldm	HighGrayLevelEmphasis	85
wavelet-HHL	gldm	DependenceEntropy	5.264477715
wavelet-HHL	gldm	DependenceNonUniformity	31.63636364
wavelet-HHL	gldm	GrayLevelNonUniformity	12.72727273
wavelet-HHL	gldm	SmallDependenceEmphasis	0.392931397
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	37.37000631
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.239669421
wavelet-HHL	gldm	LargeDependenceEmphasis	7.560606061
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.131283283
wavelet-HHL	gldm	DependenceVariance	1.683654729
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	614.5909091
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019358291
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.029968494
wavelet-HHL	glcm	JointAverage	8.80654722
wavelet-HHL	glcm	SumAverage	17.61309444
wavelet-HHL	glcm	JointEntropy	6.303175544
wavelet-HHL	glcm	ClusterShade	17.6993522
wavelet-HHL	glcm	MaximumProbability	0.036854608
wavelet-HHL	glcm	Idmn	0.950754473
wavelet-HHL	glcm	JointEnergy	0.015186384
wavelet-HHL	glcm	Contrast	20.64782127
wavelet-HHL	glcm	DifferenceEntropy	3.171384113
wavelet-HHL	glcm	InverseVariance	0.242908703
wavelet-HHL	glcm	DifferenceVariance	7.373172604
wavelet-HHL	glcm	Idn	0.851768602
wavelet-HHL	glcm	Idm	0.231089793
wavelet-HHL	glcm	Correlation	-0.03221704
wavelet-HHL	glcm	Autocorrelation	77.25002994
wavelet-HHL	glcm	SumEntropy	3.935853527
wavelet-HHL	glcm	SumSquares	9.9836611
wavelet-HHL	glcm	ClusterProminence	1154.616934

wavelet-HHL	glcm	Imc2	0.893220087
wavelet-HHL	glcm	Imc1	-0.22612431
wavelet-HHL	glcm	DifferenceAverage	3.611777376
wavelet-HHL	glcm	Id	0.325986723
wavelet-HHL	glcm	ClusterTendency	19.28682313
wavelet-HHL	firstorder	InterquartileRange	101.0327417
wavelet-HHL	firstorder	Skewness	0.192160558
wavelet-HHL	firstorder	Uniformity	0.096418733
wavelet-HHL	firstorder	Median	5.36315279
wavelet-HHL	firstorder	Energy	781528.957
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	42.83367895
wavelet-HHL	firstorder	MeanAbsoluteDeviation	61.66253393
wavelet-HHL	firstorder	TotalEnergy	21101281.84
wavelet-HHL	firstorder	Maximum	253.7595083
wavelet-HHL	firstorder	RootMeanSquared	76.94591553
wavelet-HHL	firstorder	90Percentile	109.2931644
wavelet-HHL	firstorder	Minimum	-181.4094579
wavelet-HHL	firstorder	Entropy	3.585381778
wavelet-HHL	firstorder	Range	435.1689662
wavelet-HHL	firstorder	Variance	5904.12336
wavelet-HHL	firstorder	10Percentile	-89.66958417
wavelet-HHL	firstorder	Kurtosis	3.076798079
wavelet-HHL	firstorder	Mean	4.068237497
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.030097822
wavelet-HHL	glrlm	GrayLevelVariance	9.940603404
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.030774458
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.094371628
wavelet-HHL	glrlm	RunVariance	0.061972439
wavelet-HHL	glrlm	GrayLevelNonUniformity	11.77517121
wavelet-HHL	glrlm	LongRunEmphasis	1.182987062
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	81.98741779
wavelet-HHL	glrlm	RunLengthNonUniformity	112.0441111
wavelet-HHL	glrlm	ShortRunEmphasis	0.958408018
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	99.91925216
wavelet-HHL	glrlm	RunPercentage	0.945221445
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.033726979
wavelet-HHL	glrlm	RunEntropy	3.847198739
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	85.3035251
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.897101254
wavelet-HHL	glszm	GrayLevelVariance	16.06926278
wavelet-HHL	glszm	ZoneVariance	9.510107015
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.075505351
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.448275862
wavelet-HHL	glszm	SizeZoneNonUniformity	26
wavelet-HHL	glszm	GrayLevelNonUniformity	4.379310345
wavelet-HHL	glszm	LargeAreaEmphasis	14.68965517
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	69.47407411
wavelet-HHL	glszm	ZonePercentage	0.439393939
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.241876264
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1240.965517
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	91.87931034
wavelet-HHL	glszm	SmallAreaEmphasis	0.694439754
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.047003432
wavelet-HHL	glszm	ZoneEntropy	4.8358394
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.040446917

wavelet-HHL	ngtdm	Coarseness	0.039487413
wavelet-HHL	ngtdm	Complexity	257.0952396
wavelet-HHL	ngtdm	Strength	3.137357779
wavelet-HHL	ngtdm	Contrast	0.21208316
wavelet-HHL	ngtdm	Busyness	0.204780532
wavelet-HLH	gldm	GrayLevelVariance	11.19674013
wavelet-HLH	gldm	HighGrayLevelEmphasis	104.3484848
wavelet-HLH	gldm	DependenceEntropy	5.448936166
wavelet-HLH	gldm	DependenceNonUniformity	29.89393939
wavelet-HLH	gldm	GrayLevelNonUniformity	12.1969697
wavelet-HLH	gldm	SmallDependenceEmphasis	0.357003583
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	43.87810401
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.226469238
wavelet-HLH	gldm	LargeDependenceEmphasis	10.07575758
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.163291902
wavelet-HLH	gldm	DependenceVariance	2.802112029
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	867.7727273
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014855255
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.024865514
wavelet-HLH	glcm	JointAverage	9.746546543
wavelet-HLH	glcm	SumAverage	19.49309309
wavelet-HLH	glcm	JointEntropy	6.371048707
wavelet-HLH	glcm	ClusterShade	6.26811728
wavelet-HLH	glcm	MaximumProbability	0.037689227
wavelet-HLH	glcm	Idmn	0.953612107
wavelet-HLH	glcm	JointEnergy	0.014389862
wavelet-HLH	glcm	Contrast	24.08021997
wavelet-HLH	glcm	DifferenceEntropy	3.248009131
wavelet-HLH	glcm	InverseVariance	0.228477999
wavelet-HLH	glcm	DifferenceVariance	9.24913277
wavelet-HLH	glcm	Idn	0.85886306
wavelet-HLH	glcm	Idm	0.237007813
wavelet-HLH	glcm	Correlation	-0.029406431
wavelet-HLH	glcm	Autocorrelation	94.72957513
wavelet-HLH	glcm	SumEntropy	4.025721692
wavelet-HLH	glcm	SumSquares	11.76073877
wavelet-HLH	glcm	ClusterProminence	1910.512686
wavelet-HLH	glcm	Imc2	0.928946823
wavelet-HLH	glcm	Imc1	-0.270590985
wavelet-HLH	glcm	DifferenceAverage	3.795804889
wavelet-HLH	glcm	Id	0.329978054
wavelet-HLH	glcm	ClusterTendency	22.96273511
wavelet-HLH	firstorder	InterquartileRange	114.1047043
wavelet-HLH	firstorder	Skewness	0.241376092
wavelet-HLH	firstorder	Uniformity	0.092401286
wavelet-HLH	firstorder	Median	0.476335271
wavelet-HLH	firstorder	Energy	881587.0156
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	46.01886251
wavelet-HLH	firstorder	MeanAbsoluteDeviation	65.76275714
wavelet-HLH	firstorder	TotalEnergy	23802849.42
wavelet-HLH	firstorder	Maximum	277.5265928
wavelet-HLH	firstorder	RootMeanSquared	81.72324952
wavelet-HLH	firstorder	90Percentile	102.8799387
wavelet-HLH	firstorder	Minimum	-201.2873703
wavelet-HLH	firstorder	Entropy	3.676702255

wavelet-HLH	firstorder	Range	478.8139631
wavelet-HLH	firstorder	Variance	6664.557286
wavelet-HLH	firstorder	10Percentile	-89.30148149
wavelet-HLH	firstorder	Kurtosis	3.240193355
wavelet-HLH	firstorder	Mean	3.759285337
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.024793002
wavelet-HLH	glrlm	GrayLevelVariance	11.5832238
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.02555795
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.090115932
wavelet-HLH	glrlm	RunVariance	0.071039195
wavelet-HLH	glrlm	GrayLevelNonUniformity	11.12209712
wavelet-HLH	glrlm	LongRunEmphasis	1.218632188
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	100.8190274
wavelet-HLH	glrlm	RunLengthNonUniformity	108.2056596
wavelet-HLH	glrlm	ShortRunEmphasis	0.948854934
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	124.7092438
wavelet-HLH	glrlm	RunPercentage	0.934731935
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.028876048
wavelet-HLH	glrlm	RunEntropy	3.98286132
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	105.4314644
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.875469241
wavelet-HLH	glszm	GrayLevelVariance	17.0475
wavelet-HLH	glszm	ZoneVariance	5.16
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.073333333
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.352777778
wavelet-HLH	glszm	SizeZoneNonUniformity	21.16666667
wavelet-HLH	glszm	GrayLevelNonUniformity	4.4
wavelet-HLH	glszm	LargeAreaEmphasis	10
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	79.44362144
wavelet-HLH	glszm	ZonePercentage	0.454545455
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.169472449
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	904.1666667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	118.05
wavelet-HLH	glszm	SmallAreaEmphasis	0.606548603
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.036472012
wavelet-HLH	glszm	ZoneEntropy	5.123231429
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.02980874
wavelet-HLH	ngtdm	Coarseness	0.038080314
wavelet-HLH	ngtdm	Complexity	344.0058197
wavelet-HLH	ngtdm	Strength	4.098066342
wavelet-HLH	ngtdm	Contrast	0.201721122
wavelet-HLH	ngtdm	Busyness	0.160866809

Image type	Feature Class	Feature Name	Value
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	d7c057569dac0957bf9c61fd352b6c5effd782cf (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	77331cd0f8490a368a0c3e49d48baa5330ff96e3
general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	251
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original	shape	Maximum2DDiameterSlice	30.88689042
original	shape	Sphericity	0.751197346
original	shape	MinorAxis	24.17258815
original	shape	Elongation	0.781816546
original	shape	SurfaceVolumeRatio	0.340186899
original	shape	Volume	6777
original	shape	MajorAxis	30.91849141
original	shape	SurfaceArea	2305.446615
original	shape	Flatness	0.466989086
original	shape	LeastAxis	14.43859803
original	shape	Maximum2DDiameterColumn	27.65863337
original	shape	Maximum2DDiameterRow	31.32091953
original	gldm	GrayLevelVariance	95.02655513
original	gldm	HighGrayLevelEmphasis	477.8446215
original	gldm	DependenceEntropy	6.076590294
original	gldm	DependenceNonUniformity	101
original	gldm	GrayLevelNonUniformity	8.203187251
original	gldm	SmallDependenceEmphasis	0.605384019
original	gldm	SmallDependenceHighGrayLevelEmphasis	252.8492973
original	gldm	DependenceNonUniformityNormalized	0.402390438
original	gldm	LargeDependenceEmphasis	3.262948207
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.028432139
original	gldm	DependenceVariance	0.555546737
original	gldm	LargeDependenceHighGrayLevelEmphasis	2015.717131
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.013950026
original	gldm	LowGrayLevelEmphasis	0.016506692
original	glcm	JointAverage	21.87860629
original	glcm	SumAverage	43.75721258
original	glcm	JointEntropy	8.026063723
original	glcm	ClusterShade	183.8830709
original	glcm	MaximumProbability	0.01048951
original	glcm	Idmn	0.935275537
original	glcm	JointEnergy	0.004164253
original	glcm	Contrast	118.8419798
original	glcm	DifferenceEntropy	4.344842481
original	glcm	InverseVariance	0.124311866

original	glcm	DifferenceVariance	41.84746215
original	glcm	Idn	0.833928469
original	glcm	Idm	0.114456154
original	glcm	Correlation	0.386789153
original	glcm	Autocorrelation	515.6538737
original	glcm	SumEntropy	5.663648451
original	glcm	SumSquares	96.28274493
original	glcm	ClusterProminence	159075.5049
original	glcm	Imc2	0.992027734
original	glcm	Imc1	-0.411313941
original	glcm	DifferenceAverage	8.61812152
original	glcm	Id	0.198425183
original	glcm	ClusterTendency	266.2889999
original	firstorder	InterquartileRange	383
original	firstorder	Skewness	0.210132097
original	firstorder	Uniformity	0.032682021
original	firstorder	Median	-490
original	firstorder	Energy	71202457
original	firstorder	RobustMeanAbsoluteDeviation	157.0475978
original	firstorder	MeanAbsoluteDeviation	205.1310297
original	firstorder	TotalEnergy	1922466339
original	firstorder	Maximum	22
original	firstorder	RootMeanSquared	532.6116104
original	firstorder	90Percentile	-128
original	firstorder	Minimum	-942
original	firstorder	Entropy	5.075856259
original	firstorder	Range	964
original	firstorder	Variance	59501.17341
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original	firstorder	Kurtosis	2.065424645
original	firstorder	Mean	-473.4701195
original	glrlm	ShortRunLowGrayLevelEmphasis	0.016671153
original	glrlm	GrayLevelVariance	94.45623673
original	glrlm	LowGrayLevelRunEmphasis	0.016781356
original	glrlm	GrayLevelNonUniformityNormalized	0.032683329
original	glrlm	RunVariance	0.026699092
original	glrlm	GrayLevelNonUniformity	7.999757745
original	glrlm	LongRunEmphasis	1.078652492
original	glrlm	ShortRunHighGrayLevelEmphasis	462.2722922
original	glrlm	RunLengthNonUniformity	233.1085691
original	glrlm	ShortRunEmphasis	0.981393637
original	glrlm	LongRunHighGrayLevelEmphasis	524.7667175
original	glrlm	RunPercentage	0.975176218
original	glrlm	LongRunLowGrayLevelEmphasis	0.017225967
original	glrlm	RunEntropy	5.171559709
original	glrlm	HighGrayLevelRunEmphasis	473.8063589
original	glrlm	RunLengthNonUniformityNormalized	0.952134481
original	glszm	GrayLevelVariance	88.24677169
original	glszm	ZoneVariance	0.744544163
original	glszm	GrayLevelNonUniformityNormalized	0.032993285
original	glszm	SizeZoneNonUniformityNormalized	0.553460744
original	glszm	SizeZoneNonUniformity	97.40909091
original	glszm	GrayLevelNonUniformity	5.806818182
original	glszm	LargeAreaEmphasis	2.778409091
original	glszm	SmallAreaHighGrayLevelEmphasis	311.6398109
original	glszm	ZonePercentage	0.701195219
original	glszm	LargeAreaLowGrayLevelEmphasis	0.030045048
original	glszm	LargeAreaHighGrayLevelEmphasis	1622.267045
original	glszm	HighGrayLevelZoneEmphasis	428.3977273

original	glszm	SmallAreaEmphasis	0.770407938
original	glszm	LowGrayLevelZoneEmphasis	0.020925731
original	glszm	ZoneEntropy	5.827536005
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019259416
original	ngtdm	Coarseness	0.022783268
original	ngtdm	Complexity	3079.629292
original	ngtdm	Strength	11.41024559
original	ngtdm	Contrast	0.778744198
original	ngtdm	Busyness	0.085440407
wavelet-HHH	gldm	GrayLevelVariance	2.280439993
wavelet-HHH	gldm	HighGrayLevelEmphasis	22.87250996
wavelet-HHH	gldm	DependenceEntropy	5.24204075
wavelet-HHH	gldm	DependenceNonUniformity	29.34262948
wavelet-HHH	gldm	GrayLevelNonUniformity	50.37051793
wavelet-HHH	gldm	SmallDependenceEmphasis	0.178207595
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	4.92226125
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.116902906
wavelet-HHH	gldm	LargeDependenceEmphasis	30.14741036
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	1.803934886
wavelet-HHH	gldm	DependenceVariance	8.08361772
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	617.0159363
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.031069294
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.091456015
wavelet-HHH	glcm	JointAverage	4.538381807
wavelet-HHH	glcm	SumAverage	9.076763614
wavelet-HHH	glcm	JointEntropy	4.88017424
wavelet-HHH	glcm	ClusterShade	1.272740374
wavelet-HHH	glcm	MaximumProbability	0.097974846
wavelet-HHH	glcm	Idmn	0.962234795
wavelet-HHH	glcm	JointEnergy	0.047675139
wavelet-HHH	glcm	Contrast	4.345591954
wavelet-HHH	glcm	DifferenceEntropy	2.263857092
wavelet-HHH	glcm	InverseVariance	0.437497696
wavelet-HHH	glcm	DifferenceVariance	1.854321963
wavelet-HHH	glcm	Idn	0.875345373
wavelet-HHH	glcm	Idm	0.452594684
wavelet-HHH	glcm	Correlation	-0.033793522
wavelet-HHH	glcm	Autocorrelation	20.52935433
wavelet-HHH	glcm	SumEntropy	2.978165703
wavelet-HHH	glcm	SumSquares	2.104192936
wavelet-HHH	glcm	ClusterProminence	59.86504958
wavelet-HHH	glcm	Imc2	0.559120198
wavelet-HHH	glcm	Imc1	-0.074680299
wavelet-HHH	glcm	DifferenceAverage	1.569268498
wavelet-HHH	glcm	Id	0.511097983
wavelet-HHH	glcm	ClusterTendency	4.07117979
wavelet-HHH	firstorder	InterquartileRange	44.03529572
wavelet-HHH	firstorder	Skewness	0.265265813
wavelet-HHH	firstorder	Uniformity	0.200679354
wavelet-HHH	firstorder	Median	-0.493257381
wavelet-HHH	firstorder	Energy	350484.9099
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	19.15697662
wavelet-HHH	firstorder	MeanAbsoluteDeviation	28.65943664
wavelet-HHH	firstorder	TotalEnergy	9463092.568
wavelet-HHH	firstorder	Maximum	138.4773555
wavelet-HHH	firstorder	RootMeanSquared	37.36782336
wavelet-HHH	firstorder	90Percentile	44.38853818
wavelet-HHH	firstorder	Minimum	-95.34838648
wavelet-HHH	firstorder	Entropy	2.588522383

wavelet-HHH	firstorder	Range	233.825742
wavelet-HHH	firstorder	Variance	1395.914078
wavelet-HHH	firstorder	10Percentile	-45.72938216
wavelet-HHH	firstorder	Kurtosis	3.843768341
wavelet-HHH	firstorder	Mean	0.663434422
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.08918434
wavelet-HHH	glrlm	GrayLevelVariance	2.519387782
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.096107677
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.187893466
wavelet-HHH	glrlm	RunVariance	0.208942027
wavelet-HHH	glrlm	GrayLevelNonUniformity	40.4757496
wavelet-HHH	glrlm	LongRunEmphasis	1.573494852
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	20.99014976
wavelet-HHH	glrlm	RunLengthNonUniformity	164.0279426
wavelet-HHH	glrlm	ShortRunEmphasis	0.893826
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	35.10258681
wavelet-HHH	glrlm	RunPercentage	0.857799571
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.13201822
wavelet-HHH	glrlm	RunEntropy	3.258111893
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	23.2160755
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.76021965
wavelet-HHH	glszm	GrayLevelVariance	6.870740941
wavelet-HHH	glszm	ZoneVariance	192.4618713
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.404002163
wavelet-HHH	glszm	SizeZoneNonUniformity	17.37209302
wavelet-HHH	glszm	GrayLevelNonUniformity	5.511627907
wavelet-HHH	glszm	LargeAreaEmphasis	226.5348837
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	19.66339776
wavelet-HHH	glszm	ZonePercentage	0.171314741
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	13.32878178
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4568.488372
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	28.72093023
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.189893982
wavelet-HHH	glszm	ZoneEntropy	4.24884172
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.147617961
wavelet-HHH	ngtdm	Coarseness	0.024137121
wavelet-HHH	ngtdm	Complexity	48.56479899
wavelet-HHH	ngtdm	Strength	0.749728364
wavelet-HHH	ngtdm	Contrast	0.06170184
wavelet-HHH	ngtdm	Busyness	0.838217034
wavelet-HLL	gldm	GrayLevelVariance	15.28677323
wavelet-HLL	gldm	HighGrayLevelEmphasis	97.43824701
wavelet-HLL	gldm	DependenceEntropy	5.94373611
wavelet-HLL	gldm	DependenceNonUniformity	53.82071713
wavelet-HLL	gldm	GrayLevelNonUniformity	18.19521912
wavelet-HLL	gldm	SmallDependenceEmphasis	0.280180322
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	24.34343567
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.214425168
wavelet-HLL	gldm	LargeDependenceEmphasis	9.733067729
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.248623143
wavelet-HLL	gldm	DependenceVariance	1.709052237
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1009.063745
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015884004
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.033986668
wavelet-HLL	glcm	JointAverage	8.8299433
wavelet-HLL	glcm	SumAverage	17.6598866
wavelet-HLL	glcm	JointEntropy	6.988881809



wavelet-HLL	glcm	ClusterShade	130.4342986
wavelet-HLL	glcm	MaximumProbability	0.02373199
wavelet-HLL	glcm	Idmn	0.954380106
wavelet-HLL	glcm	JointEnergy	0.009422123
wavelet-HLL	glcm	Contrast	17.08193722
wavelet-HLL	glcm	DifferenceEntropy	3.028095974
wavelet-HLL	glcm	InverseVariance	0.274284225
wavelet-HLL	glcm	DifferenceVariance	5.722121127
wavelet-HLL	glcm	Idn	0.85926423
wavelet-HLL	glcm	Idm	0.264631978
wavelet-HLL	glcm	Correlation	0.461684336
wavelet-HLL	glcm	Autocorrelation	85.39077389
wavelet-HLL	glcm	SumEntropy	4.567010968
wavelet-HLL	glcm	SumSquares	15.95563589
wavelet-HLL	glcm	ClusterProminence	5379.364463
wavelet-HLL	glcm	Imc2	0.89920203
wavelet-HLL	glcm	Imc1	-0.219796992
wavelet-HLL	glcm	DifferenceAverage	3.231255625
wavelet-HLL	glcm	Id	0.354701913
wavelet-HLL	glcm	ClusterTendency	46.74060634
wavelet-HLL	firstorder	InterquartileRange	139.6019022
wavelet-HLL	firstorder	Skewness	0.248762313
wavelet-HLL	firstorder	Uniformity	0.072490913
wavelet-HLL	firstorder	Median	-33.84954947
wavelet-HLL	firstorder	Energy	2624136.116
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	57.95437382
wavelet-HLL	firstorder	MeanAbsoluteDeviation	79.08249987
wavelet-HLL	firstorder	TotalEnergy	70851675.13
wavelet-HLL	firstorder	Maximum	192.5286215
wavelet-HLL	firstorder	RootMeanSquared	102.2483524
wavelet-HLL	firstorder	90Percentile	101.7944576
wavelet-HLL	firstorder	Minimum	-235.1298014
wavelet-HLL	firstorder	Entropy	3.930002089
wavelet-HLL	firstorder	Range	427.6584229
wavelet-HLL	firstorder	Variance	9219.003459
wavelet-HLL	firstorder	10Percentile	-158.0579641
wavelet-HLL	firstorder	Kurtosis	2.406730991
wavelet-HLL	firstorder	Mean	-35.15283918
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.033368188
wavelet-HLL	glrlm	GrayLevelVariance	15.19888995
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.034714291
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.072673973
wavelet-HLL	glrlm	RunVariance	0.083715999
wavelet-HLL	glrlm	GrayLevelNonUniformity	16.9545077
wavelet-HLL	glrlm	LongRunEmphasis	1.245595864
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	91.30127582
wavelet-HLL	glrlm	RunLengthNonUniformity	202.9625011
wavelet-HLL	glrlm	ShortRunEmphasis	0.945615048
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	122.2976598
wavelet-HLL	glrlm	RunPercentage	0.929512718
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.040689956
wavelet-HLL	glrlm	RunEntropy	4.23917145
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	96.9636931
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.868088171
wavelet-HLL	glszm	GrayLevelVariance	15.42180896
wavelet-HLL	glszm	ZoneVariance	7.545948557
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.071368192
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.276657409
wavelet-HLL	glszm	SizeZoneNonUniformity	25.17582418

wavelet-HLL	glszm	GrayLevelNonUniformity	6.494505495
wavelet-HLL	glszm	LargeAreaEmphasis	15.15384615
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	43.638549
wavelet-HLL	glszm	ZonePercentage	0.362549801
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.371836484
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1426.076923
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	90.97802198
wavelet-HLL	glszm	SmallAreaEmphasis	0.53247625
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.051011874
wavelet-HLL	glszm	ZoneEntropy	5.46610247
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.037617829
wavelet-HLL	ngtdm	Coarseness	0.030753318
wavelet-HLL	ngtdm	Complexity	232.4354718
wavelet-HLL	ngtdm	Strength	2.977542718
wavelet-HLL	ngtdm	Contrast	0.204031438
wavelet-HLL	ngtdm	Busyness	0.292471904
wavelet-LHL	gldm	GrayLevelVariance	30.02958683
wavelet-LHL	gldm	HighGrayLevelEmphasis	253.5976096
wavelet-LHL	gldm	DependenceEntropy	5.93442426
wavelet-LHL	gldm	DependenceNonUniformity	66.48207171
wavelet-LHL	gldm	GrayLevelNonUniformity	13.0876494
wavelet-LHL	gldm	SmallDependenceEmphasis	0.446674413
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	123.4436166
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.264868812
wavelet-LHL	gldm	LargeDependenceEmphasis	6.147410359
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.06518978
wavelet-LHL	gldm	DependenceVariance	1.293376296
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1411.366534
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011798395
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.016588171
wavelet-LHL	glcm	JointAverage	14.37807555
wavelet-LHL	glcm	SumAverage	28.7561511
wavelet-LHL	glcm	JointEntropy	7.577748636
wavelet-LHL	glcm	ClusterShade	-101.1515558
wavelet-LHL	glcm	MaximumProbability	0.017006454
wavelet-LHL	glcm	Idmn	0.94961583
wavelet-LHL	glcm	JointEnergy	0.006091204
wavelet-LHL	glcm	Contrast	40.12784601
wavelet-LHL	glcm	DifferenceEntropy	3.606041984
wavelet-LHL	glcm	InverseVariance	0.198559155
wavelet-LHL	glcm	DifferenceVariance	14.2041298
wavelet-LHL	glcm	Idn	0.852810413
wavelet-LHL	glcm	Idm	0.188373302
wavelet-LHL	glcm	Correlation	0.344267066
wavelet-LHL	glcm	Autocorrelation	217.4488383
wavelet-LHL	glcm	SumEntropy	4.985264701
wavelet-LHL	glcm	SumSquares	30.76076875
wavelet-LHL	glcm	ClusterProminence	16114.10744
wavelet-LHL	glcm	Imc2	0.951739328
wavelet-LHL	glcm	Imc1	-0.274660308
wavelet-LHL	glcm	DifferenceAverage	4.941556446
wavelet-LHL	glcm	Id	0.280720343
wavelet-LHL	glcm	ClusterTendency	82.91522899
wavelet-LHL	firstorder	InterquartileRange	205.8770179
wavelet-LHL	firstorder	Skewness	-0.18529603
wavelet-LHL	firstorder	Uniformity	0.052142029
wavelet-LHL	firstorder	Median	-24.36837766
wavelet-LHL	firstorder	Energy	5091925.642
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	83.82438435

wavelet-LHL	firstorder	MeanAbsoluteDeviation	113.0469885
wavelet-LHL	firstorder	TotalEnergy	137481992.3
wavelet-LHL	firstorder	Maximum	241.6642866
wavelet-LHL	firstorder	RootMeanSquared	142.4308827
wavelet-LHL	firstorder	90Percentile	145.2422874
wavelet-LHL	firstorder	Minimum	-381.9829023
wavelet-LHL	firstorder	Entropy	4.401782871
wavelet-LHL	firstorder	Range	623.6471889
wavelet-LHL	firstorder	Variance	18748.68659
wavelet-LHL	firstorder	10Percentile	-228.8485113
wavelet-LHL	firstorder	Kurtosis	2.320571201
wavelet-LHL	firstorder	Mean	-39.21568252
wavelet-LHL	gIrlm	ShortRunLowGrayLevelEmphasis	0.016618768
wavelet-LHL	gIrlm	GrayLevelVariance	30.13075357
wavelet-LHL	gIrlm	LowGrayLevelRunEmphasis	0.016950798
wavelet-LHL	gIrlm	GrayLevelNonUniformityNormalized	0.051939806
wavelet-LHL	gIrlm	RunVariance	0.050013364
wavelet-LHL	gIrlm	GrayLevelNonUniformity	12.43298499
wavelet-LHL	gIrlm	LongRunEmphasis	1.150470237
wavelet-LHL	gIrlm	ShortRunHighGrayLevelEmphasis	246.7933692
wavelet-LHL	gIrlm	RunLengthNonUniformity	218.1045272
wavelet-LHL	gIrlm	ShortRunEmphasis	0.9643781
wavelet-LHL	gIrlm	LongRunHighGrayLevelEmphasis	289.6790659
wavelet-LHL	gIrlm	RunPercentage	0.953723567
wavelet-LHL	gIrlm	LongRunLowGrayLevelEmphasis	0.018308081
wavelet-LHL	gIrlm	RunEntropy	4.604298287
wavelet-LHL	gIrlm	HighGrayLevelRunEmphasis	254.8270924
wavelet-LHL	gIrlm	RunLengthNonUniformityNormalized	0.910526732
wavelet-LHL	gIrlm	GrayLevelVariance	32.29319853
wavelet-LHL	gIrlm	ZoneVariance	2.630568772
wavelet-LHL	gIrlm	GrayLevelNonUniformityNormalized	0.051470588
wavelet-LHL	gIrlm	SizeZoneNonUniformityNormalized	0.439446367
wavelet-LHL	gIrlm	SizeZoneNonUniformity	59.76470588
wavelet-LHL	gIrlm	GrayLevelNonUniformity	7
wavelet-LHL	gIrlm	LargeAreaEmphasis	6.036764706
wavelet-LHL	gIrlm	SmallAreaHighGrayLevelEmphasis	194.4015674
wavelet-LHL	gIrlm	ZonePercentage	0.541832669
wavelet-LHL	gIrlm	LargeAreaLowGrayLevelEmphasis	0.064119408
wavelet-LHL	gIrlm	LargeAreaHighGrayLevelEmphasis	1484.139706
wavelet-LHL	gIrlm	HighGrayLevelZoneEmphasis	268.6838235
wavelet-LHL	gIrlm	SmallAreaEmphasis	0.687225098
wavelet-LHL	gIrlm	LowGrayLevelZoneEmphasis	0.023327948
wavelet-LHL	gIrlm	ZoneEntropy	5.500670794
wavelet-LHL	gIrlm	SmallAreaLowGrayLevelEmphasis	0.020673843
wavelet-LHL	ngtdm	Coarseness	0.027301607
wavelet-LHL	ngtdm	Complexity	759.2513897
wavelet-LHL	ngtdm	Strength	5.090425401
wavelet-LHL	ngtdm	Contrast	0.33299154
wavelet-LHL	ngtdm	Busyness	0.122803992
wavelet-LHH	gldm	GrayLevelVariance	21.55534039
wavelet-LHH	gldm	HighGrayLevelEmphasis	232.9043825
wavelet-LHH	gldm	DependenceEntropy	5.905726637
wavelet-LHH	gldm	DependenceNonUniformity	59.98007968
wavelet-LHH	gldm	GrayLevelNonUniformity	18.06772908
wavelet-LHH	gldm	SmallDependenceEmphasis	0.444011595
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	108.5611362
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.238964461
wavelet-LHH	gldm	LargeDependenceEmphasis	8.752988048
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.0547113

wavelet-LHH	gldm	DependenceVariance	2.592308059
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1910.816733
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012560773
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.015551147
wavelet-LHH	glcm	JointAverage	14.77724458
wavelet-LHH	glcm	SumAverage	29.55448916
wavelet-LHH	glcm	JointEntropy	7.09183836
wavelet-LHH	glcm	ClusterShade	40.85349341
wavelet-LHH	glcm	MaximumProbability	0.028638244
wavelet-LHH	glcm	Idmn	0.960454976
wavelet-LHH	glcm	JointEnergy	0.009453645
wavelet-LHH	glcm	Contrast	37.08270731
wavelet-LHH	glcm	DifferenceEntropy	3.516955315
wavelet-LHH	glcm	InverseVariance	0.220549474
wavelet-LHH	glcm	DifferenceVariance	16.050869
wavelet-LHH	glcm	Idn	0.8740566
wavelet-LHH	glcm	Idm	0.218001226
wavelet-LHH	glcm	Correlation	0.043713361
wavelet-LHH	glcm	Autocorrelation	219.1543087
wavelet-LHH	glcm	SumEntropy	4.434691013
wavelet-LHH	glcm	SumSquares	19.31922428
wavelet-LHH	glcm	ClusterProminence	7605.141938
wavelet-LHH	glcm	Imc2	0.93036302
wavelet-LHH	glcm	Imc1	-0.251015371
wavelet-LHH	glcm	DifferenceAverage	4.477282288
wavelet-LHH	glcm	Id	0.309596761
wavelet-LHH	glcm	ClusterTendency	40.1941898
wavelet-LHH	firstorder	InterquartileRange	120.4799205
wavelet-LHH	firstorder	Skewness	0.160114197
wavelet-LHH	firstorder	Uniformity	0.071982984
wavelet-LHH	firstorder	Median	0.12630416
wavelet-LHH	firstorder	Energy	3366967.486
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	53.13296358
wavelet-LHH	firstorder	MeanAbsoluteDeviation	85.87138759
wavelet-LHH	firstorder	TotalEnergy	90908122.13
wavelet-LHH	firstorder	Maximum	328.0670103
wavelet-LHH	firstorder	RootMeanSquared	115.819744
wavelet-LHH	firstorder	90Percentile	134.81342
wavelet-LHH	firstorder	Minimum	-338.4985251
wavelet-LHH	firstorder	Entropy	4.139093813
wavelet-LHH	firstorder	Range	666.5655355
wavelet-LHH	firstorder	Variance	13411.87281
wavelet-LHH	firstorder	10Percentile	-132.0586305
wavelet-LHH	firstorder	Kurtosis	3.871643058
wavelet-LHH	firstorder	Mean	1.52979809
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.015955891
wavelet-LHH	glrlm	GrayLevelVariance	22.47189145
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.016183851
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.069337075
wavelet-LHH	glrlm	RunVariance	0.063338858
wavelet-LHH	glrlm	GrayLevelNonUniformity	16.4125927
wavelet-LHH	glrlm	LongRunEmphasis	1.189601243
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	224.3070082
wavelet-LHH	glrlm	RunLengthNonUniformity	211.252153
wavelet-LHH	glrlm	ShortRunEmphasis	0.956302996
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	275.3857685
wavelet-LHH	glrlm	RunPercentage	0.942997242
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.017159147
wavelet-LHH	glrlm	RunEntropy	4.435954456

wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	233.790593
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.891740337
wavelet-LHH	glszm	GrayLevelVariance	33.78150352
wavelet-LHH	glszm	ZoneVariance	6.469923682
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.050658013
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.497866715
wavelet-LHH	glszm	SizeZoneNonUniformity	64.2248062
wavelet-LHH	glszm	GrayLevelNonUniformity	6.534883721
wavelet-LHH	glszm	LargeAreaEmphasis	10.25581395
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	181.2563259
wavelet-LHH	glszm	ZonePercentage	0.513944223
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.073912366
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2161.294574
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	245.7209302
wavelet-LHH	glszm	SmallAreaEmphasis	0.731151034
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.025200622
wavelet-LHH	glszm	ZoneEntropy	5.496194771
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023696453
wavelet-LHH	ngtdm	Coarseness	0.026293203
wavelet-LHH	ngtdm	Complexity	915.4089879
wavelet-LHH	ngtdm	Strength	5.182058789
wavelet-LHH	ngtdm	Contrast	0.21263688
wavelet-LHH	ngtdm	Busyness	0.092276546
wavelet-LLH	gldm	GrayLevelVariance	197.3406771
wavelet-LLH	gldm	HighGrayLevelEmphasis	2124.585657
wavelet-LLH	gldm	DependenceEntropy	6.517769441
wavelet-LLH	gldm	DependenceNonUniformity	103.9243028
wavelet-LLH	gldm	GrayLevelNonUniformity	6.498007968
wavelet-LLH	gldm	SmallDependenceEmphasis	0.658671979
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1381.752753
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.414041047
wavelet-LLH	gldm	LargeDependenceEmphasis	3.629482072
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.006753281
wavelet-LLH	gldm	DependenceVariance	0.869383026
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	7899.151394
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004796312
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.005067552
wavelet-LLH	glcm	JointAverage	44.72433878
wavelet-LLH	glcm	SumAverage	89.44867756
wavelet-LLH	glcm	JointEntropy	8.115322296
wavelet-LLH	glcm	ClusterShade	-551.6139751
wavelet-LLH	glcm	MaximumProbability	0.011236469
wavelet-LLH	glcm	Idmn	0.967626059
wavelet-LLH	glcm	JointEnergy	0.003890379
wavelet-LLH	glcm	Contrast	295.5840264
wavelet-LLH	glcm	DifferenceEntropy	4.681989969
wavelet-LLH	glcm	InverseVariance	0.114614275
wavelet-LLH	glcm	DifferenceVariance	136.5781071
wavelet-LLH	glcm	Idn	0.891498206
wavelet-LLH	glcm	Idm	0.108025485
wavelet-LLH	glcm	Correlation	0.125516885
wavelet-LLH	glcm	Autocorrelation	2025.993001
wavelet-LLH	glcm	SumEntropy	5.791515718
wavelet-LLH	glcm	SumSquares	173.4333715
wavelet-LLH	glcm	ClusterProminence	655703.3031
wavelet-LLH	glcm	Imc2	0.998214747
wavelet-LLH	glcm	Imc1	-0.516880195
wavelet-LLH	glcm	DifferenceAverage	11.98441066
wavelet-LLH	glcm	Id	0.185755732

wavelet-LLH	glcm	ClusterTendency	398.1494596
wavelet-LLH	firstorder	InterquartileRange	407.9676935
wavelet-LLH	firstorder	Skewness	-0.24645024
wavelet-LLH	firstorder	Uniformity	0.025888478
wavelet-LLH	firstorder	Median	-22.42456969
wavelet-LLH	firstorder	Energy	32019564.94
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	169.2765874
wavelet-LLH	firstorder	MeanAbsoluteDeviation	265.8728837
wavelet-LLH	firstorder	TotalEnergy	864528253.4
wavelet-LLH	firstorder	Maximum	1028.941381
wavelet-LLH	firstorder	RootMeanSquared	357.1666107
wavelet-LLH	firstorder	90Percentile	347.483466
wavelet-LLH	firstorder	Minimum	-1138.973631
wavelet-LLH	firstorder	Entropy	5.580505366
wavelet-LLH	firstorder	Range	2167.915012
wavelet-LLH	firstorder	Variance	123338.6949
wavelet-LLH	firstorder	10Percentile	-538.996805
wavelet-LLH	firstorder	Kurtosis	3.663770939
wavelet-LLH	firstorder	Mean	-65.03301433
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005168867
wavelet-LLH	glrlm	GrayLevelVariance	199.9067403
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.005182393
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.02549048
wavelet-LLH	glrlm	RunVariance	0.02731888
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.235344273
wavelet-LLH	glrlm	LongRunEmphasis	1.080785343
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2081.226846
wavelet-LLH	glrlm	RunLengthNonUniformity	232.6843549
wavelet-LLH	glrlm	ShortRunEmphasis	0.980867619
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2299.840157
wavelet-LLH	glrlm	RunPercentage	0.974563285
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005238407
wavelet-LLH	glrlm	RunEntropy	5.688536225
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2122.969354
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.950892905
wavelet-LLH	glszm	GrayLevelVariance	230.0877873
wavelet-LLH	glszm	ZoneVariance	0.92225512
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.022374164
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.662708709
wavelet-LLH	glszm	SizeZoneNonUniformity	119.9502762
wavelet-LLH	glszm	GrayLevelNonUniformity	4.049723757
wavelet-LLH	glszm	LargeAreaEmphasis	2.845303867
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1753.178541
wavelet-LLH	glszm	ZonePercentage	0.721115538
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.007925172
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	6160.325967
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2104.834254
wavelet-LLH	glszm	SmallAreaEmphasis	0.837744735
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.006741168
wavelet-LLH	glszm	ZoneEntropy	6.226951915
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00658938
wavelet-LLH	ngtdm	Coarseness	0.025009838
wavelet-LLH	ngtdm	Complexity	15263.60148
wavelet-LLH	ngtdm	Strength	35.33266474
wavelet-LLH	ngtdm	Contrast	0.875985359
wavelet-LLH	ngtdm	Busyness	0.014259238
wavelet-LLL	gldm	GrayLevelVariance	561.8969223
wavelet-LLL	gldm	HighGrayLevelEmphasis	3117.179283
wavelet-LLL	gldm	DependenceEntropy	6.635299146

wavelet-LLL	gldm	DependenceNonUniformity	146.0916335
wavelet-LLL	gldm	GrayLevelNonUniformity	3.844621514
wavelet-LLL	gldm	SmallDependenceEmphasis	0.786409916
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2454.776671
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.58203838
wavelet-LLL	gldm	LargeDependenceEmphasis	1.996015936
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006285159
wavelet-LLL	gldm	DependenceVariance	0.277932096
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5958.89243
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004833845
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00506314
wavelet-LLL	glcm	JointAverage	56.23186819
wavelet-LLL	glcm	SumAverage	112.4637364
wavelet-LLL	glcm	JointEntropy	8.294463306
wavelet-LLL	glcm	ClusterShade	11722.86533
wavelet-LLL	glcm	MaximumProbability	0.006658832
wavelet-LLL	glcm	Idmn	0.95715087
wavelet-LLL	glcm	JointEnergy	0.003287171
wavelet-LLL	glcm	Contrast	562.6523041
wavelet-LLL	glcm	DifferenceEntropy	5.257788395
wavelet-LLL	glcm	InverseVariance	0.054229996
wavelet-LLL	glcm	DifferenceVariance	182.5652785
wavelet-LLL	glcm	Idn	0.859811557
wavelet-LLL	glcm	Idm	0.052240979
wavelet-LLL	glcm	Correlation	0.510382722
wavelet-LLL	glcm	Autocorrelation	3449.978507
wavelet-LLL	glcm	SumEntropy	6.502135121
wavelet-LLL	glcm	SumSquares	568.319588
wavelet-LLL	glcm	ClusterProminence	6890358.617
wavelet-LLL	glcm	Imc2	0.999832018
wavelet-LLL	glcm	Imc1	-0.653771883
wavelet-LLL	glcm	DifferenceAverage	19.06525929
wavelet-LLL	glcm	Id	0.112956301
wavelet-LLL	glcm	ClusterTendency	1710.626048
wavelet-LLL	firstorder	InterquartileRange	874.9860642
wavelet-LLL	firstorder	Skewness	0.342876971
wavelet-LLL	firstorder	Uniformity	0.015317217
wavelet-LLL	firstorder	Median	-1406.720798
wavelet-LLL	firstorder	Energy	544487250.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	361.0675318
wavelet-LLL	firstorder	MeanAbsoluteDeviation	487.9180126
wavelet-LLL	firstorder	TotalEnergy	14701155754
wavelet-LLL	firstorder	Maximum	87.74762667
wavelet-LLL	firstorder	RootMeanSquared	1472.844837
wavelet-LLL	firstorder	90Percentile	-509.7098304
wavelet-LLL	firstorder	Minimum	-2594.010174
wavelet-LLL	firstorder	Entropy	6.22368067
wavelet-LLL	firstorder	Range	2681.757801
wavelet-LLL	firstorder	Variance	350224.5107
wavelet-LLL	firstorder	10Percentile	-2080.366177
wavelet-LLL	firstorder	Kurtosis	2.38368237
wavelet-LLL	firstorder	Mean	-1348.720654
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005102289
wavelet-LLL	glrlm	GrayLevelVariance	562.7844247
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005110511
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015267505
wavelet-LLL	glrlm	RunVariance	0.012566785
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.786399682
wavelet-LLL	glrlm	LongRunEmphasis	1.03702248

wavelet-LLL	gllm	ShortRunHighGrayLevelEmphasis	3092.240066
wavelet-LLL	gllm	RunLengthNonUniformity	242.2436997
wavelet-LLL	gllm	ShortRunEmphasis	0.991087633
wavelet-LLL	gllm	LongRunHighGrayLevelEmphasis	3226.805725
wavelet-LLL	gllm	RunPercentage	0.988047809
wavelet-LLL	gllm	LongRunLowGrayLevelEmphasis	0.005160348
wavelet-LLL	gllm	RunEntropy	6.258182893
wavelet-LLL	gllm	HighGrayLevelRunEmphasis	3119.130955
wavelet-LLL	gllm	RunLengthNonUniformityNormalized	0.976712553
wavelet-LLL	glszm	GrayLevelVariance	573.5116489
wavelet-LLL	glszm	ZoneVariance	0.231082898
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.014745752
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.739601931
wavelet-LLL	glszm	SizeZoneNonUniformity	157.5352113
wavelet-LLL	glszm	GrayLevelNonUniformity	3.14084507
wavelet-LLL	glszm	LargeAreaEmphasis	1.61971831
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2762.520167
wavelet-LLL	glszm	ZonePercentage	0.848605578
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006560963
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4844.929577
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3139.671362
wavelet-LLL	glszm	SmallAreaEmphasis	0.884381847
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.005756294
wavelet-LLL	glszm	ZoneEntropy	6.552138862
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005645344
wavelet-LLL	ngtdm	Coarseness	0.025069059
wavelet-LLL	ngtdm	Complexity	36922.27696
wavelet-LLL	ngtdm	Strength	86.52927726
wavelet-LLL	ngtdm	Contrast	1.627504702
wavelet-LLL	ngtdm	Busyness	0.012129174
wavelet-HHL	gldm	GrayLevelVariance	2.085776416
wavelet-HHL	gldm	HighGrayLevelEmphasis	33.10756972
wavelet-HHL	gldm	DependenceEntropy	5.238917938
wavelet-HHL	gldm	DependenceNonUniformity	29.4063745
wavelet-HHL	gldm	GrayLevelNonUniformity	51.85258964
wavelet-HHL	gldm	SmallDependenceEmphasis	0.132768616
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	5.546842104
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.117156871
wavelet-HHL	gldm	LargeDependenceEmphasis	30.29083665
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	1.087591508
wavelet-HHL	gldm	DependenceVariance	6.471770289
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	948
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009444402
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.043627116
wavelet-HHL	glcm	JointAverage	5.600582566
wavelet-HHL	glcm	SumAverage	11.20116513
wavelet-HHL	glcm	JointEntropy	4.834853478
wavelet-HHL	glcm	ClusterShade	1.890758684
wavelet-HHL	glcm	MaximumProbability	0.097329273
wavelet-HHL	glcm	ldmn	0.965200983
wavelet-HHL	glcm	JointEnergy	0.047337385
wavelet-HHL	glcm	Contrast	3.917030136
wavelet-HHL	glcm	DifferenceEntropy	2.203428525
wavelet-HHL	glcm	InverseVariance	0.426694815
wavelet-HHL	glcm	DifferenceVariance	1.614629361
wavelet-HHL	glcm	ldn	0.879045246
wavelet-HHL	glcm	ldm	0.461198712
wavelet-HHL	glcm	Correlation	0.015688268
wavelet-HHL	glcm	Autocorrelation	31.39885286



wavelet-HHL	glcm	SumEntropy	2.98216008
wavelet-HHL	glcm	SumSquares	1.989151048
wavelet-HHL	glcm	ClusterProminence	55.29268469
wavelet-HHL	glcm	Imc2	0.543167742
wavelet-HHL	glcm	Imc1	-0.072573433
wavelet-HHL	glcm	DifferenceAverage	1.506759725
wavelet-HHL	glcm	Id	0.519968792
wavelet-HHL	glcm	ClusterTendency	4.039574055
wavelet-HHL	firstorder	InterquartileRange	44.04728502
wavelet-HHL	firstorder	Skewness	0.332711733
wavelet-HHL	firstorder	Uniformity	0.206584022
wavelet-HHL	firstorder	Median	0.612638284
wavelet-HHL	firstorder	Energy	327990.6332
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	19.68230336
wavelet-HHL	firstorder	MeanAbsoluteDeviation	28.35010436
wavelet-HHL	firstorder	TotalEnergy	8855747.096
wavelet-HHL	firstorder	Maximum	114.6381868
wavelet-HHL	firstorder	RootMeanSquared	36.14879791
wavelet-HHL	firstorder	90Percentile	48.78747203
wavelet-HHL	firstorder	Minimum	-102.2904673
wavelet-HHL	firstorder	Entropy	2.537374806
wavelet-HHL	firstorder	Range	216.9286541
wavelet-HHL	firstorder	Variance	1302.47249
wavelet-HHL	firstorder	10Percentile	-40.60002861
wavelet-HHL	firstorder	Kurtosis	3.408094794
wavelet-HHL	firstorder	Mean	2.064727753
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.040458545
wavelet-HHL	glrlm	GrayLevelVariance	2.27577197
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.044776471
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.196089083
wavelet-HHL	glrlm	RunVariance	0.21650696
wavelet-HHL	glrlm	GrayLevelNonUniformity	41.87277556
wavelet-HHL	glrlm	LongRunEmphasis	1.603132327
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	29.8990778
wavelet-HHL	glrlm	RunLengthNonUniformity	158.9920107
wavelet-HHL	glrlm	ShortRunEmphasis	0.885456827
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	52.28287607
wavelet-HHL	glrlm	RunPercentage	0.850750843
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.066885423
wavelet-HHL	glrlm	RunEntropy	3.241884649
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	33.45596981
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.743153054
wavelet-HHL	glszm	GrayLevelVariance	6.528888889
wavelet-HHL	glszm	ZoneVariance	321.4322222
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.131111111
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.322222222
wavelet-HHL	glszm	SizeZoneNonUniformity	9.666666667
wavelet-HHL	glszm	GrayLevelNonUniformity	3.933333333
wavelet-HHL	glszm	LargeAreaEmphasis	391.4333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	28.42793331
wavelet-HHL	glszm	ZonePercentage	0.119521912
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	15.07178659
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	11320.8
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	45.8
wavelet-HHL	glszm	SmallAreaEmphasis	0.583700417
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.077600177
wavelet-HHL	glszm	ZoneEntropy	4.294739663
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.056796346
wavelet-HHL	ngtdm	Coarseness	0.024126818

wavelet-HHL	ngtdm	Complexity	44.44495907
wavelet-HHL	ngtdm	Strength	0.730080461
wavelet-HHL	ngtdm	Contrast	0.052310407
wavelet-HHL	ngtdm	Busyness	0.678008417
wavelet-HLH	gldm	GrayLevelVariance	5.76695608
wavelet-HLH	gldm	HighGrayLevelEmphasis	73.38645418
wavelet-HLH	gldm	DependenceEntropy	5.451851038
wavelet-HLH	gldm	DependenceNonUniformity	44.83266932
wavelet-HLH	gldm	GrayLevelNonUniformity	31.11952191
wavelet-HLH	gldm	SmallDependenceEmphasis	0.249618996
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	18.39698355
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.178616212
wavelet-HLH	gldm	LargeDependenceEmphasis	12.98406375
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.214972533
wavelet-HLH	gldm	DependenceVariance	2.646942112
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	996.6055777
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015407776
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.02905295
wavelet-HLH	glcm	JointAverage	8.25460001
wavelet-HLH	glcm	SumAverage	16.50920002
wavelet-HLH	glcm	JointEntropy	6.086472631
wavelet-HLH	glcm	ClusterShade	-10.5422333
wavelet-HLH	glcm	MaximumProbability	0.040996598
wavelet-HLH	glcm	Idmn	0.960960694
wavelet-HLH	glcm	JointEnergy	0.018835412
wavelet-HLH	glcm	Contrast	9.992946182
wavelet-HLH	glcm	DifferenceEntropy	2.734889103
wavelet-HLH	glcm	InverseVariance	0.335650901
wavelet-HLH	glcm	DifferenceVariance	3.711902192
wavelet-HLH	glcm	Idn	0.868851348
wavelet-HLH	glcm	Idm	0.319795935
wavelet-HLH	glcm	Correlation	0.111226584
wavelet-HLH	glcm	Autocorrelation	68.8096598
wavelet-HLH	glcm	SumEntropy	3.751840381
wavelet-HLH	glcm	SumSquares	5.654031781
wavelet-HLH	glcm	ClusterProminence	508.527276
wavelet-HLH	glcm	Imc2	0.740789374
wavelet-HLH	glcm	Imc1	-0.127590634
wavelet-HLH	glcm	DifferenceAverage	2.466372311
wavelet-HLH	glcm	Id	0.403751104
wavelet-HLH	glcm	ClusterTendency	12.62318094
wavelet-HLH	firstorder	InterquartileRange	79.46194669
wavelet-HLH	firstorder	Skewness	-0.245785766
wavelet-HLH	firstorder	Uniformity	0.123982159
wavelet-HLH	firstorder	Median	-5.320570342
wavelet-HLH	firstorder	Energy	892708.8991
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	31.5162338
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wavelet-HLH	firstorder	TotalEnergy	24103140.27
wavelet-HLH	firstorder	Maximum	151.4677773
wavelet-HLH	firstorder	RootMeanSquared	59.63731348
wavelet-HLH	firstorder	90Percentile	61.80680244
wavelet-HLH	firstorder	Minimum	-182.4853441
wavelet-HLH	firstorder	Entropy	3.256468849
wavelet-HLH	firstorder	Range	333.9531215
wavelet-HLH	firstorder	Variance	3513.977436
wavelet-HLH	firstorder	10Percentile	-82.64876608
wavelet-HLH	firstorder	Kurtosis	3.278663488
wavelet-HLH	firstorder	Mean	-6.529297304

wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.029154015
wavelet-HLH	glrlm	GrayLevelVariance	6.013722437
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.030241183
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.120874406
wavelet-HLH	glrlm	RunVariance	0.106216971
wavelet-HLH	glrlm	GrayLevelNonUniformity	27.75647495
wavelet-HLH	glrlm	LongRunEmphasis	1.307144748
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	68.40475032
wavelet-HLH	glrlm	RunLengthNonUniformity	194.8823585
wavelet-HLH	glrlm	ShortRunEmphasis	0.935418007
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	96.50988879
wavelet-HLH	glrlm	RunPercentage	0.914802329
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.035255591
wavelet-HLH	glrlm	RunEntropy	3.677505792
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	73.20899292
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.846337933
wavelet-HLH	glszm	GrayLevelVariance	11.32621671
wavelet-HLH	glszm	ZoneVariance	46.00665748
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.093663912
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.347566575
wavelet-HLH	glszm	SizeZoneNonUniformity	22.93939394
wavelet-HLH	glszm	GrayLevelNonUniformity	6.181818182
wavelet-HLH	glszm	LargeAreaEmphasis	60.46969697
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	44.82371708
wavelet-HLH	glszm	ZonePercentage	0.262948207
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.926465615
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	4669.121212
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	70.8030303
wavelet-HLH	glszm	SmallAreaEmphasis	0.604304298
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.061284628
wavelet-HLH	glszm	ZoneEntropy	4.875918127
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.051758642
wavelet-HLH	ngtdm	Coarseness	0.025357323
wavelet-HLH	ngtdm	Complexity	150.8778508
wavelet-HLH	ngtdm	Strength	1.679039094
wavelet-HLH	ngtdm	Contrast	0.095722888
wavelet-HLH	ngtdm	Busyness	0.290585998

Image type	Feature Class	Feature Name	3: RTSTRUCT: C99-DNU_segment_ITV
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	7520
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	e27e17bb76aa5d729fa5196aeffd0d850f8b552f
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	38
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original	shape	Maximum2DDiameterSlice	10.81665383
original	shape	Sphericity	0.946853309
original	shape	MinorAxis	11.93750934
original	shape	Elongation	0.883751329
original	shape	SurfaceVolumeRatio	0.506390601
original	shape	Volume	1026
original	shape	MajorAxis	13.50776961
original	shape	SurfaceArea	519.5567567
original	shape	Flatness	0.642940351
original	shape	LeastAxis	8.684690133
original	shape	Maximum2DDiameterColumn	12.72792206
original	shape	Maximum2DDiameterRow	10.81665383
original	gldm	GrayLevelVariance	88.58725762
original	gldm	HighGrayLevelEmphasis	278.7368421
original	gldm	DependenceEntropy	4.491219948
original	gldm	DependenceNonUniformity	21.57894737
original	gldm	GrayLevelNonUniformity	2.210526316
original	gldm	SmallDependenceEmphasis	0.763157895
original	gldm	SmallDependenceHighGrayLevelEmphasis	195.6842105
original	gldm	DependenceNonUniformityNormalized	0.567867036
original	gldm	LargeDependenceEmphasis	1.947368421

original	gldm	LargeDependenceLowGrayLevelEmphasis	0.059708508
original	gldm	DependenceVariance	0.216066482
original	gldm	LargeDependenceHighGrayLevelEmphasis	610.9473684
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.043068829
original	gldm	LowGrayLevelEmphasis	0.046396765
original	glcm	JointAverage	16.14042321
original	glcm	SumAverage	32.28084642
original	glcm	JointEntropy	5.116448691
original	glcm	ClusterShade	677.8047458
original	glcm	MaximumProbability	0.043638247
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original	glcm	DifferenceEntropy	3.629780748
original	glcm	InverseVariance	0.089564671
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original	glcm	ldn	0.76759652
original	glcm	ldm	0.082397781
original	glcm	Correlation	0.037792615
original	glcm	Autocorrelation	264.5864509
original	glcm	SumEntropy	3.856924209
original	glcm	SumSquares	100.5185239
original	glcm	ClusterProminence	95380.49071
original	glcm	lmc2	0.998921686
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original	glcm	DifferenceAverage	11.17599095
original	glcm	ld	0.16290169
original	glcm	ClusterTendency	208.4555199
original	firstorder	InterquartileRange	368.25
original	firstorder	Skewness	0.663808151
original	firstorder	Uniformity	0.058171745
original	firstorder	Median	-593
original	firstorder	Energy	12279862
original	firstorder	RobustMeanAbsoluteDeviation	153.1888889
original	firstorder	MeanAbsoluteDeviation	200.8448753
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original	firstorder	Maximum	-67
original	firstorder	RootMeanSquared	568.4665893
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original	firstorder	Entropy	4.280693632
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.046673211
original	glrlm	GrayLevelVariance	88.29472124
original	glrlm	LowGrayLevelRunEmphasis	0.046805068
original	glrlm	GrayLevelNonUniformityNormalized	0.058170768
original	glrlm	RunVariance	0.012127339
original	glrlm	GrayLevelNonUniformity	2.18372421

original	glrlm	LongRunEmphasis	1.037768538
original	glrlm	ShortRunHighGrayLevelEmphasis	274.4754008
original	glrlm	RunLengthNonUniformity	36.64911065
original	glrlm	ShortRunEmphasis	0.990557866
original	glrlm	LongRunHighGrayLevelEmphasis	291.1266915
original	glrlm	RunPercentage	0.987854251
original	glrlm	LongRunLowGrayLevelEmphasis	0.047332496
original	glrlm	RunEntropy	4.292720278
original	glrlm	HighGrayLevelRunEmphasis	277.8056589
original	glrlm	RunLengthNonUniformityNormalized	0.975745323
original	glszm	GrayLevelVariance	84.68359375
original	glszm	ZoneVariance	0.15234375
original	glszm	GrayLevelNonUniformityNormalized	0.056640625
original	glszm	SizeZoneNonUniformityNormalized	0.6953125
original	glszm	SizeZoneNonUniformity	22.25
original	glszm	GrayLevelNonUniformity	1.8125
original	glszm	LargeAreaEmphasis	1.5625
original	glszm	SmallAreaHighGrayLevelEmphasis	215.9375
original	glszm	ZonePercentage	0.842105263
original	glszm	LargeAreaLowGrayLevelEmphasis	0.06036539
original	glszm	LargeAreaHighGrayLevelEmphasis	462.5
original	glszm	HighGrayLevelZoneEmphasis	265.25
original	glszm	SmallAreaEmphasis	0.859375
original	glszm	LowGrayLevelZoneEmphasis	0.052461542
original	glszm	ZoneEntropy	4.476409766
original	glszm	SmallAreaLowGrayLevelEmphasis	0.05048558
original	ngtdm	Coarseness	0.055711531
original	ngtdm	Complexity	2373.638353
original	ngtdm	Strength	26.68706858
original	ngtdm	Contrast	3.090477195
original	ngtdm	Busyness	0.082978711
wavelet-HHH	gldm	GrayLevelVariance	3.626731302
wavelet-HHH	gldm	HighGrayLevelEmphasis	43.18421053
wavelet-HHH	gldm	DependenceEntropy	4.043337053
wavelet-HHH	gldm	DependenceNonUniformity	6.947368421
wavelet-HHH	gldm	GrayLevelNonUniformity	6.947368421
wavelet-HHH	gldm	SmallDependenceEmphasis	0.298475653
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	13.15684942
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.182825485
wavelet-HHH	gldm	LargeDependenceEmphasis	12.21052632
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.340691521
wavelet-HHH	gldm	DependenceVariance	2.567867036
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	575.1842105
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.036078631
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.056752731
wavelet-HHH	glcm	JointAverage	6.263859049
wavelet-HHH	glcm	SumAverage	12.5277181
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wavelet-HHH	glcm	ClusterShade	-6.994394424
wavelet-HHH	glcm	MaximumProbability	0.110701888
wavelet-HHH	glcm	ldmn	0.939956689
wavelet-HHH	glcm	JointEnergy	0.055610707

wavelet-HHH	glcm	Contrast	8.792711809
wavelet-HHH	glcm	DifferenceEntropy	2.429421747
wavelet-HHH	glcm	InverseVariance	0.351233159
wavelet-HHH	glcm	DifferenceVariance	3.448265105
wavelet-HHH	glcm	Idn	0.843427596
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wavelet-HHH	glcm	Correlation	-0.037001133
wavelet-HHH	glcm	Autocorrelation	39.09640265
wavelet-HHH	glcm	SumEntropy	3.01484095
wavelet-HHH	glcm	SumSquares	4.245940015
wavelet-HHH	glcm	ClusterProminence	209.8552269
wavelet-HHH	glcm	Imc2	0.923607539
wavelet-HHH	glcm	Imc1	-0.378072408
wavelet-HHH	glcm	DifferenceAverage	2.284429594
wavelet-HHH	glcm	Id	0.432621673
wavelet-HHH	glcm	ClusterTendency	8.191048252
wavelet-HHH	firstorder	InterquartileRange	60.17015006
wavelet-HHH	firstorder	Skewness	-0.385853918
wavelet-HHH	firstorder	Uniformity	0.182825485
wavelet-HHH	firstorder	Median	5.354149798
wavelet-HHH	firstorder	Energy	81299.99799
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	24.33382912
wavelet-HHH	firstorder	MeanAbsoluteDeviation	35.59113148
wavelet-HHH	firstorder	TotalEnergy	2195099.946
wavelet-HHH	firstorder	Maximum	113.0973212
wavelet-HHH	firstorder	RootMeanSquared	46.25444445
wavelet-HHH	firstorder	90Percentile	40.95629657
wavelet-HHH	firstorder	Minimum	-140.8435256
wavelet-HHH	firstorder	Entropy	2.730855395
wavelet-HHH	firstorder	Range	253.9408467
wavelet-HHH	firstorder	Variance	2131.184927
wavelet-HHH	firstorder	10Percentile	-56.27463235
wavelet-HHH	firstorder	Kurtosis	3.970876487
wavelet-HHH	firstorder	Mean	-2.879011089
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.057711641
wavelet-HHH	glrlm	GrayLevelVariance	3.787751151
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.059476371
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.175807121
wavelet-HHH	glrlm	RunVariance	0.089012926
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.146052693
wavelet-HHH	glrlm	LongRunEmphasis	1.282011832
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	39.9607723
wavelet-HHH	glrlm	RunLengthNonUniformity	29.69696846
wavelet-HHH	glrlm	ShortRunEmphasis	0.934767968
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	55.90162362
wavelet-HHH	glrlm	RunPercentage	0.91902834
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.066965568
wavelet-HHH	glrlm	RunEntropy	3.074762617
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	42.94232228
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.846357768
wavelet-HHH	glszm	GrayLevelVariance	6.840236686
wavelet-HHH	glszm	ZoneVariance	10.22485207

wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.136094675
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.420118343
wavelet-HHH	glszm	SizeZoneNonUniformity	5.461538462
wavelet-HHH	glszm	GrayLevelNonUniformity	1.769230769
wavelet-HHH	glszm	LargeAreaEmphasis	18.76923077
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	30.00480769
wavelet-HHH	glszm	ZonePercentage	0.342105263
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.585197282
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	845.4615385
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	43.76923077
wavelet-HHH	glszm	SmallAreaEmphasis	0.644230769
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.109088896
wavelet-HHH	glszm	ZoneEntropy	3.39274741
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.09737636
wavelet-HHH	ngtdm	Coarseness	0.127133219
wavelet-HHH	ngtdm	Complexity	50.77930755
wavelet-HHH	ngtdm	Strength	3.718766647
wavelet-HHH	ngtdm	Contrast	0.158827253
wavelet-HHH	ngtdm	Busyness	0.146232418
wavelet-HLL	gldm	GrayLevelVariance	30.21952909
wavelet-HLL	gldm	HighGrayLevelEmphasis	229.9210526
wavelet-HLL	gldm	DependenceEntropy	4.135699553
wavelet-HLL	gldm	DependenceNonUniformity	16.31578947
wavelet-HLL	gldm	GrayLevelNonUniformity	3.105263158
wavelet-HLL	gldm	SmallDependenceEmphasis	0.490679825
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	113.5696272
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.429362881
wavelet-HLL	gldm	LargeDependenceEmphasis	3.684210526
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.055008697
wavelet-HLL	gldm	DependenceVariance	0.48199446
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	804.6578947
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.032502094
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.036237818
wavelet-HLL	glcm	JointAverage	13.96200893
wavelet-HLL	glcm	SumAverage	27.92401787
wavelet-HLL	glcm	JointEntropy	5.001996582
wavelet-HLL	glcm	ClusterShade	10.53363225
wavelet-HLL	glcm	MaximumProbability	0.058949252
wavelet-HLL	glcm	Idmn	0.954544333
wavelet-HLL	glcm	JointEnergy	0.033369903
wavelet-HLL	glcm	Contrast	37.54640014
wavelet-HLL	glcm	DifferenceEntropy	2.962180168
wavelet-HLL	glcm	InverseVariance	0.209877982
wavelet-HLL	glcm	DifferenceVariance	12.50481728
wavelet-HLL	glcm	Idn	0.858314179
wavelet-HLL	glcm	Idm	0.185696583
wavelet-HLL	glcm	Correlation	0.295894138
wavelet-HLL	glcm	Autocorrelation	203.9766179
wavelet-HLL	glcm	SumEntropy	3.671446529
wavelet-HLL	glcm	SumSquares	27.65929359
wavelet-HLL	glcm	ClusterProminence	16022.11817
wavelet-HLL	glcm	Imc2	0.995638518



wavelet-HLL	glcm	Imc1	-0.65313835
wavelet-HLL	glcm	DifferenceAverage	4.86293845
wavelet-HLL	glcm	Id	0.278047637
wavelet-HLL	glcm	ClusterTendency	73.0907742
wavelet-HLL	firstorder	InterquartileRange	135.4247206
wavelet-HLL	firstorder	Skewness	-0.211499757
wavelet-HLL	firstorder	Uniformity	0.081717452
wavelet-HLL	firstorder	Median	17.05212727
wavelet-HLL	firstorder	Energy	722587.1445
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	63.7331091
wavelet-HLL	firstorder	MeanAbsoluteDeviation	103.8951092
wavelet-HLL	firstorder	TotalEnergy	19509852.9
wavelet-HLL	firstorder	Maximum	303.2620869
wavelet-HLL	firstorder	RootMeanSquared	137.8965234
wavelet-HLL	firstorder	90Percentile	154.4812832
wavelet-HLL	firstorder	Minimum	-331.6724338
wavelet-HLL	firstorder	Entropy	3.882814277
wavelet-HLL	firstorder	Range	634.9345207
wavelet-HLL	firstorder	Variance	18935.9128
wavelet-HLL	firstorder	10Percentile	-199.3666279
wavelet-HLL	firstorder	Kurtosis	3.227095188
wavelet-HLL	firstorder	Mean	-8.918428848
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.03700136
wavelet-HLL	glrlm	GrayLevelVariance	30.77092516
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.037171157
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.080755558
wavelet-HLL	glrlm	RunVariance	0.030263858
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.976344708
wavelet-HLL	glrlm	LongRunEmphasis	1.096010296
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	224.928865
wavelet-HLL	glrlm	RunLengthNonUniformity	34.66303006
wavelet-HLL	glrlm	ShortRunEmphasis	0.975997426
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	251.3941159
wavelet-HLL	glrlm	RunPercentage	0.969635628
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.037850343
wavelet-HLL	glrlm	RunEntropy	3.959447858
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	230.2219151
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.939472283
wavelet-HLL	glszm	GrayLevelVariance	39.82638889
wavelet-HLL	glszm	ZoneVariance	0.743055556
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.065972222
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.46875
wavelet-HLL	glszm	SizeZoneNonUniformity	11.25
wavelet-HLL	glszm	GrayLevelNonUniformity	1.583333333
wavelet-HLL	glszm	LargeAreaEmphasis	3.25
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	149.95875
wavelet-HLL	glszm	ZonePercentage	0.631578947
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.068762687
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	709.625
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	233.5
wavelet-HLL	glszm	SmallAreaEmphasis	0.6475
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.053162763

wavelet-HLL	glszm	ZoneEntropy	4.136842188
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.050505385
wavelet-HLL	ngtdm	Coarseness	0.131866233
wavelet-HLL	ngtdm	Complexity	486.6536609
wavelet-HLL	ngtdm	Strength	25.10715343
wavelet-HLL	ngtdm	Contrast	0.614068981
wavelet-HLL	ngtdm	Busyness	0.034135373
wavelet-LHL	gldm	GrayLevelVariance	122.534626
wavelet-LHL	gldm	HighGrayLevelEmphasis	840.2105263
wavelet-LHL	gldm	DependenceEntropy	4.616348566
wavelet-LHL	gldm	DependenceNonUniformity	17.36842105
wavelet-LHL	gldm	GrayLevelNonUniformity	2.157894737
wavelet-LHL	gldm	SmallDependenceEmphasis	0.637426901
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	512.0950292
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.457063712
wavelet-LHL	gldm	LargeDependenceEmphasis	2.684210526
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.035828285
wavelet-LHL	gldm	DependenceVariance	0.354570637
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2315.947368
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029764659
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.030725417
wavelet-LHL	glcm	JointAverage	27.37116079
wavelet-LHL	glcm	SumAverage	54.74232159
wavelet-LHL	glcm	JointEntropy	5.123047782
wavelet-LHL	glcm	ClusterShade	-3664.206146
wavelet-LHL	glcm	MaximumProbability	0.043424572
wavelet-LHL	glcm	Idmn	0.899142865
wavelet-LHL	glcm	JointEnergy	0.029733786
wavelet-LHL	glcm	Contrast	253.3565794
wavelet-LHL	glcm	DifferenceEntropy	3.548601181
wavelet-LHL	glcm	InverseVariance	0.131063018
wavelet-LHL	glcm	DifferenceVariance	102.0332731
wavelet-LHL	glcm	Idn	0.810189992
wavelet-LHL	glcm	Idm	0.117709974
wavelet-LHL	glcm	Correlation	0.114932708
wavelet-LHL	glcm	Autocorrelation	765.217187
wavelet-LHL	glcm	SumEntropy	3.931769119
wavelet-LHL	glcm	SumSquares	141.7043547
wavelet-LHL	glcm	ClusterProminence	273716.8289
wavelet-LHL	glcm	Imc2	0.999128812
wavelet-LHL	glcm	Imc1	-0.768471081
wavelet-LHL	glcm	DifferenceAverage	11.69887025
wavelet-LHL	glcm	Id	0.192498542
wavelet-LHL	glcm	ClusterTendency	313.4608394
wavelet-LHL	firstorder	InterquartileRange	345.5627309
wavelet-LHL	firstorder	Skewness	-0.818532727
wavelet-LHL	firstorder	Uniformity	0.056786704
wavelet-LHL	firstorder	Median	85.16436558
wavelet-LHL	firstorder	Energy	2899760.576
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	165.8083558
wavelet-LHL	firstorder	MeanAbsoluteDeviation	228.3383596
wavelet-LHL	firstorder	TotalEnergy	78293535.55

wavelet-LHL	firstorder	Maximum	371.190946
wavelet-LHL	firstorder	RootMeanSquared	276.2417218
wavelet-LHL	firstorder	90Percentile	249.82753
wavelet-LHL	firstorder	Minimum	-661.2302255
wavelet-LHL	firstorder	Entropy	4.253863368
wavelet-LHL	firstorder	Range	1032.421172
wavelet-LHL	firstorder	Variance	75993.65562
wavelet-LHL	firstorder	10Percentile	-438.4512054
wavelet-LHL	firstorder	Kurtosis	2.556339444
wavelet-LHL	firstorder	Mean	-17.77169723
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.031272419
wavelet-LHL	glrlm	GrayLevelVariance	122.7362183
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.031317967
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.056686389
wavelet-LHL	glrlm	RunVariance	0.020178409
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.110415331
wavelet-LHL	glrlm	LongRunEmphasis	1.063785764
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	824.9433924
wavelet-LHL	glrlm	RunLengthNonUniformity	35.76975217
wavelet-LHL	glrlm	ShortRunEmphasis	0.984053559
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	895.9397294
wavelet-LHL	glrlm	RunPercentage	0.979757085
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.031500161
wavelet-LHL	glrlm	RunEntropy	4.286064444
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	839.1426598
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.959643182
wavelet-LHL	glszm	GrayLevelVariance	126.5242347
wavelet-LHL	glszm	ZoneVariance	0.37244898
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.053571429
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.56122449
wavelet-LHL	glszm	SizeZoneNonUniformity	15.71428571
wavelet-LHL	glszm	GrayLevelNonUniformity	1.5
wavelet-LHL	glszm	LargeAreaEmphasis	2.214285714
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	615.6914683
wavelet-LHL	glszm	ZonePercentage	0.736842105
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.044520154
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1874.357143
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	823.1071429
wavelet-LHL	glszm	SmallAreaEmphasis	0.775793651
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.040672794
wavelet-LHL	glszm	ZoneEntropy	4.521640636
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.040138398
wavelet-LHL	ngtdm	Coarseness	0.073795327
wavelet-LHL	ngtdm	Complexity	2338.989361
wavelet-LHL	ngtdm	Strength	42.74591562
wavelet-LHL	ngtdm	Contrast	4.108917234
wavelet-LHL	ngtdm	Busyness	0.032394172
wavelet-LHH	gldm	GrayLevelVariance	24.68144044
wavelet-LHH	gldm	HighGrayLevelEmphasis	192.3157895
wavelet-LHH	gldm	DependenceEntropy	4.511085408
wavelet-LHH	gldm	DependenceNonUniformity	13.73684211
wavelet-LHH	gldm	GrayLevelNonUniformity	3.052631579

wavelet-LHH	gldm	SmallDependenceEmphasis	0.478435673
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	100.0076754
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.361495845
wavelet-LHH	gldm	LargeDependenceEmphasis	4.263157895
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.059994205
wavelet-LHH	gldm	DependenceVariance	0.673130194
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	746.5263158
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.030968851
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.035237575
wavelet-LHH	glcm	JointAverage	12.84736527
wavelet-LHH	glcm	SumAverage	25.69473054
wavelet-LHH	glcm	JointEntropy	4.982675187
wavelet-LHH	glcm	ClusterShade	2.72365488
wavelet-LHH	glcm	MaximumProbability	0.060379713
wavelet-LHH	glcm	Idmn	0.916328937
wavelet-LHH	glcm	JointEnergy	0.033708739
wavelet-LHH	glcm	Contrast	61.72907394
wavelet-LHH	glcm	DifferenceEntropy	3.18527518
wavelet-LHH	glcm	InverseVariance	0.158325333
wavelet-LHH	glcm	DifferenceVariance	21.42637554
wavelet-LHH	glcm	Idn	0.813894261
wavelet-LHH	glcm	Idm	0.160277211
wavelet-LHH	glcm	Correlation	-0.078651758
wavelet-LHH	glcm	Autocorrelation	162.7922966
wavelet-LHH	glcm	SumEntropy	3.529450091
wavelet-LHH	glcm	SumSquares	28.54098516
wavelet-LHH	glcm	ClusterProminence	8065.630543
wavelet-LHH	glcm	Imc2	0.996960041
wavelet-LHH	glcm	Imc1	-0.689017636
wavelet-LHH	glcm	DifferenceAverage	6.186721117
wavelet-LHH	glcm	Id	0.249726807
wavelet-LHH	glcm	ClusterTendency	52.4348667
wavelet-LHH	firstorder	InterquartileRange	153.1638823
wavelet-LHH	firstorder	Skewness	0.047017487
wavelet-LHH	firstorder	Uniformity	0.08033241
wavelet-LHH	firstorder	Median	-28.50071263
wavelet-LHH	firstorder	Energy	598986.7868
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	66.73126433
wavelet-LHH	firstorder	MeanAbsoluteDeviation	98.54682939
wavelet-LHH	firstorder	TotalEnergy	16172643.24
wavelet-LHH	firstorder	Maximum	252.5258886
wavelet-LHH	firstorder	RootMeanSquared	125.5500306
wavelet-LHH	firstorder	90Percentile	167.0260012
wavelet-LHH	firstorder	Minimum	-301.8898285
wavelet-LHH	firstorder	Entropy	3.830182698
wavelet-LHH	firstorder	Range	554.415717
wavelet-LHH	firstorder	Variance	15595.13019
wavelet-LHH	firstorder	10Percentile	-161.0039647
wavelet-LHH	firstorder	Kurtosis	2.681850908
wavelet-LHH	firstorder	Mean	-12.94913071
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.036083515
wavelet-LHH	glrlm	GrayLevelVariance	25.18694611

wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.036292074
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.079683104
wavelet-LHH	glrlm	RunVariance	0.038619362
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.924982773
wavelet-LHH	glrlm	LongRunEmphasis	1.120135023
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	188.1620645
wavelet-LHH	glrlm	RunLengthNonUniformity	34.44375144
wavelet-LHH	glrlm	ShortRunEmphasis	0.972723344
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	213.5535144
wavelet-LHH	glrlm	RunPercentage	0.965587045
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.037236594
wavelet-LHH	glrlm	RunEntropy	3.922535978
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	193.0197865
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.934768001
wavelet-LHH	glszm	GrayLevelVariance	32.63516068
wavelet-LHH	glszm	ZoneVariance	0.835538752
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.066162571
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.421550095
wavelet-LHH	glszm	SizeZoneNonUniformity	9.695652174
wavelet-LHH	glszm	GrayLevelNonUniformity	1.52173913
wavelet-LHH	glszm	LargeAreaEmphasis	3.565217391
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	141.040157
wavelet-LHH	glszm	ZonePercentage	0.605263158
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.072983856
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	633.4782609
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	205.0434783
wavelet-LHH	glszm	SmallAreaEmphasis	0.651570048
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.052948357
wavelet-LHH	glszm	ZoneEntropy	4.436605434
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.049995325
wavelet-LHH	ngtdm	Coarseness	0.104052713
wavelet-LHH	ngtdm	Complexity	551.4812413
wavelet-LHH	ngtdm	Strength	13.46706995
wavelet-LHH	ngtdm	Contrast	0.760997615
wavelet-LHH	ngtdm	Busyness	0.057493626
wavelet-LLH	gldm	GrayLevelVariance	131.7984765
wavelet-LLH	gldm	HighGrayLevelEmphasis	537.0789474
wavelet-LLH	gldm	DependenceEntropy	4.523986066
wavelet-LLH	gldm	DependenceNonUniformity	16.31578947
wavelet-LLH	gldm	GrayLevelNonUniformity	1.789473684
wavelet-LLH	gldm	SmallDependenceEmphasis	0.662280702
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	364.3859649
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.429362881
wavelet-LLH	gldm	LargeDependenceEmphasis	3.052631579
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.080142267
wavelet-LLH	gldm	DependenceVariance	0.559556787
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1595.921053
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.036282944
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.042179261
wavelet-LLH	glcm	JointAverage	20.39670471
wavelet-LLH	glcm	SumAverage	40.79340941
wavelet-LLH	glcm	JointEntropy	5.141432681

wavelet-LLH	glcm	ClusterShade	-1490.443085
wavelet-LLH	glcm	MaximumProbability	0.045081035
wavelet-LLH	glcm	Idmn	0.914003319
wavelet-LLH	glcm	JointEnergy	0.029460069
wavelet-LLH	glcm	Contrast	196.3658287
wavelet-LLH	glcm	DifferenceEntropy	3.469465351
wavelet-LLH	glcm	InverseVariance	0.116230918
wavelet-LLH	glcm	DifferenceVariance	75.73036391
wavelet-LLH	glcm	Idn	0.820087963
wavelet-LLH	glcm	Idm	0.11841629
wavelet-LLH	glcm	Correlation	0.332685048
wavelet-LLH	glcm	Autocorrelation	467.0755122
wavelet-LLH	glcm	SumEntropy	3.949078302
wavelet-LLH	glcm	SumSquares	148.8972087
wavelet-LLH	glcm	ClusterProminence	302132.0418
wavelet-LLH	glcm	Imc2	0.999521337
wavelet-LLH	glcm	Imc1	-0.814407237
wavelet-LLH	glcm	DifferenceAverage	10.44472821
wavelet-LLH	glcm	Id	0.197148859
wavelet-LLH	glcm	ClusterTendency	399.2230059
wavelet-LLH	firstorder	InterquartileRange	491.2003094
wavelet-LLH	firstorder	Skewness	-0.064195225
wavelet-LLH	firstorder	Uniformity	0.047091413
wavelet-LLH	firstorder	Median	19.89002685
wavelet-LLH	firstorder	Energy	3172174.887
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	208.6611877
wavelet-LLH	firstorder	MeanAbsoluteDeviation	255.504644
wavelet-LLH	firstorder	TotalEnergy	85648721.96
wavelet-LLH	firstorder	Maximum	491.0622498
wavelet-LLH	firstorder	RootMeanSquared	288.9260918
wavelet-LLH	firstorder	90Percentile	278.7086825
wavelet-LLH	firstorder	Minimum	-510.7747918
wavelet-LLH	firstorder	Entropy	4.523986066
wavelet-LLH	firstorder	Range	1001.837042
wavelet-LLH	firstorder	Variance	82365.45878
wavelet-LLH	firstorder	10Percentile	-423.2443935
wavelet-LLH	firstorder	Kurtosis	1.768827874
wavelet-LLH	firstorder	Mean	-33.35907261
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.042428027
wavelet-LLH	glrlm	GrayLevelVariance	131.2244651
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.042743343
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.046723235
wavelet-LLH	glrlm	RunVariance	0.022201222
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.736033257
wavelet-LLH	glrlm	LongRunEmphasis	1.07002277
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	528.6365944
wavelet-LLH	glrlm	RunLengthNonUniformity	35.54314094
wavelet-LLH	glrlm	ShortRunEmphasis	0.982494307
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	573.5900334
wavelet-LLH	glrlm	RunPercentage	0.977732794
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.044004605
wavelet-LLH	glrlm	RunEntropy	4.555578241

wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	537.6272822
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.955597556
wavelet-LLH	glszm	GrayLevelVariance	126.7300832
wavelet-LLH	glszm	ZoneVariance	0.35196195
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.043995244
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.609988109
wavelet-LLH	glszm	SizeZoneNonUniformity	17.68965517
wavelet-LLH	glszm	GrayLevelNonUniformity	1.275862069
wavelet-LLH	glszm	LargeAreaEmphasis	2.068965517
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	447.7950192
wavelet-LLH	glszm	ZonePercentage	0.763157895
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.069024949
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1093.896552
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	544.862069
wavelet-LLH	glszm	SmallAreaEmphasis	0.809386973
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.049804574
wavelet-LLH	glszm	ZoneEntropy	4.582118926
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.046569464
wavelet-LLH	ngtdm	Coarseness	0.10119358
wavelet-LLH	ngtdm	Complexity	2267.922744
wavelet-LLH	ngtdm	Strength	60.35380045
wavelet-LLH	ngtdm	Contrast	2.571972293
wavelet-LLH	ngtdm	Busyness	0.024842411
wavelet-LLL	gldm	GrayLevelVariance	272.8566482
wavelet-LLL	gldm	HighGrayLevelEmphasis	915.0789474
wavelet-LLL	gldm	DependenceEntropy	4.826874882
wavelet-LLL	gldm	DependenceNonUniformity	21.57894737
wavelet-LLL	gldm	GrayLevelNonUniformity	1.526315789
wavelet-LLL	gldm	SmallDependenceEmphasis	0.763157895
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	753.1578947
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.567867036
wavelet-LLL	gldm	LargeDependenceEmphasis	1.947368421
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.040334297
wavelet-LLL	gldm	DependenceVariance	0.216066482
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	1562.763158
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.035565418
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.036519194
wavelet-LLL	glcm	JointAverage	29.84677939
wavelet-LLL	glcm	SumAverage	59.69355879
wavelet-LLL	glcm	JointEntropy	5.160746902
wavelet-LLL	glcm	ClusterShade	3728.072628
wavelet-LLL	glcm	MaximumProbability	0.037218351
wavelet-LLL	glcm	ldmn	0.895313494
wavelet-LLL	glcm	JointEnergy	0.028779419
wavelet-LLL	glcm	Contrast	559.4661411
wavelet-LLL	glcm	DifferenceEntropy	3.860275605
wavelet-LLL	glcm	InverseVariance	0.068346709
wavelet-LLL	glcm	DifferenceVariance	185.1050155
wavelet-LLL	glcm	ldn	0.792246868
wavelet-LLL	glcm	ldm	0.063167928
wavelet-LLL	glcm	Correlation	0.087063849
wavelet-LLL	glcm	Autocorrelation	919.2938091

wavelet-LLL	glcm	SumEntropy	4.043624647
wavelet-LLL	glcm	SumSquares	307.1132478
wavelet-LLL	glcm	ClusterProminence	986043.5442
wavelet-LLL	glcm	Imc2	0.999797309
wavelet-LLL	glcm	Imc1	-0.864302295
wavelet-LLL	glcm	DifferenceAverage	19.02450255
wavelet-LLL	glcm	Id	0.123357666
wavelet-LLL	glcm	ClusterTendency	668.9868503
wavelet-LLL	firstorder	InterquartileRange	640.1506057
wavelet-LLL	firstorder	Skewness	0.688100082
wavelet-LLL	firstorder	Uniformity	0.040166205
wavelet-LLL	firstorder	Median	-1717.241438
wavelet-LLL	firstorder	Energy	95249563.55
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	261.2789187
wavelet-LLL	firstorder	MeanAbsoluteDeviation	352.1844849
wavelet-LLL	firstorder	TotalEnergy	2571738216
wavelet-LLL	firstorder	Maximum	-570.3188996
wavelet-LLL	firstorder	RootMeanSquared	1583.214282
wavelet-LLL	firstorder	90Percentile	-845.6498402
wavelet-LLL	firstorder	Minimum	-2138.953557
wavelet-LLL	firstorder	Entropy	4.754377842
wavelet-LLL	firstorder	Range	1568.634658
wavelet-LLL	firstorder	Variance	169503.3364
wavelet-LLL	firstorder	10Percentile	-1929.947385
wavelet-LLL	firstorder	Kurtosis	2.334024665
wavelet-LLL	firstorder	Mean	-1528.745932
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.036896251
wavelet-LLL	glrlm	GrayLevelVariance	273.3365788
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.036935465
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.040043143
wavelet-LLL	glrlm	RunVariance	0.012096696
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.503249809
wavelet-LLL	glrlm	LongRunEmphasis	1.038491238
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	911.7765448
wavelet-LLL	glrlm	RunLengthNonUniformity	36.66741907
wavelet-LLL	glrlm	ShortRunEmphasis	0.99037719
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	944.012066
wavelet-LLL	glrlm	RunPercentage	0.987854251
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.037092321
wavelet-LLL	glrlm	RunEntropy	4.76142849
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	918.223649
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.975806608
wavelet-LLL	glszm	GrayLevelVariance	280.8427734
wavelet-LLL	glszm	ZoneVariance	0.15234375
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.037109375
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.6953125
wavelet-LLL	glszm	SizeZoneNonUniformity	22.25
wavelet-LLL	glszm	GrayLevelNonUniformity	1.1875
wavelet-LLL	glszm	LargeAreaEmphasis	1.5625
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	862.328125
wavelet-LLL	glszm	ZonePercentage	0.842105263
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.044876688



wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1343.03125
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	958.46875
wavelet-LLL	glszm	SmallAreaEmphasis	0.859375
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.04261147
wavelet-LLL	glszm	ZoneEntropy	4.875
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.042045166
wavelet-LLL	ngtdm	Coarseness	0.049591903
wavelet-LLL	ngtdm	Complexity	8502.29834
wavelet-LLL	ngtdm	Strength	63.55994567
wavelet-LLL	ngtdm	Contrast	9.171734621
wavelet-LLL	ngtdm	Busyness	0.036967103
wavelet-HHL	gldm	GrayLevelVariance	8.914819945
wavelet-HHL	gldm	HighGrayLevelEmphasis	59.02631579
wavelet-HHL	gldm	DependenceEntropy	3.964904158
wavelet-HHL	gldm	DependenceNonUniformity	14
wavelet-HHL	gldm	GrayLevelNonUniformity	3.947368421
wavelet-HHL	gldm	SmallDependenceEmphasis	0.458106725
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	24.89565058
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.368421053
wavelet-HHL	gldm	LargeDependenceEmphasis	4.578947368
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.166328261
wavelet-HHL	gldm	DependenceVariance	0.786703601
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	239.6052632
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.052833353
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.064943095
wavelet-HHL	glcm	JointAverage	7.088069833
wavelet-HHL	glcm	SumAverage	14.17613967
wavelet-HHL	glcm	JointEntropy	4.851184591
wavelet-HHL	glcm	ClusterShade	0.961825079
wavelet-HHL	glcm	MaximumProbability	0.070959939
wavelet-HHL	glcm	ldmn	0.910612415
wavelet-HHL	glcm	JointEnergy	0.038372323
wavelet-HHL	glcm	Contrast	18.8337034
wavelet-HHL	glcm	DifferenceEntropy	2.79948561
wavelet-HHL	glcm	InverseVariance	0.225588211
wavelet-HHL	glcm	DifferenceVariance	5.598123762
wavelet-HHL	glcm	ldn	0.800068922
wavelet-HHL	glcm	ldm	0.212096778
wavelet-HHL	glcm	Correlation	-0.050666592
wavelet-HHL	glcm	Autocorrelation	49.81464202
wavelet-HHL	glcm	SumEntropy	3.328614693
wavelet-HHL	glcm	SumSquares	8.948912312
wavelet-HHL	glcm	ClusterProminence	737.0179015
wavelet-HHL	glcm	Imc2	0.987466702
wavelet-HHL	glcm	Imc1	-0.564087092
wavelet-HHL	glcm	DifferenceAverage	3.586623706
wavelet-HHL	glcm	ld	0.312610875
wavelet-HHL	glcm	ClusterTendency	16.96194584
wavelet-HHL	firstorder	InterquartileRange	103.4029867
wavelet-HHL	firstorder	Skewness	-0.168816174
wavelet-HHL	firstorder	Uniformity	0.103878116
wavelet-HHL	firstorder	Median	-2.626994486

wavelet-HHL	firstorder	Energy	209574.2145
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	46.37771411
wavelet-HHL	firstorder	MeanAbsoluteDeviation	62.23380807
wavelet-HHL	firstorder	TotalEnergy	5658503.793
wavelet-HHL	firstorder	Maximum	125.2672633
wavelet-HHL	firstorder	RootMeanSquared	74.26379272
wavelet-HHL	firstorder	90Percentile	86.21020943
wavelet-HHL	firstorder	Minimum	-157.5836628
wavelet-HHL	firstorder	Entropy	3.458032449
wavelet-HHL	firstorder	Range	282.8509261
wavelet-HHL	firstorder	Variance	5432.752682
wavelet-HHL	firstorder	10Percentile	-117.9551655
wavelet-HHL	firstorder	Kurtosis	2.133776693
wavelet-HHL	firstorder	Mean	-9.075143342
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.065760614
wavelet-HHL	glrlm	GrayLevelVariance	9.059343742
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.066460511
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.102424926
wavelet-HHL	glrlm	RunVariance	0.040657077
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.751482136
wavelet-HHL	glrlm	LongRunEmphasis	1.120908821
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	57.56729056
wavelet-HHL	glrlm	RunLengthNonUniformity	34.15606376
wavelet-HHL	glrlm	ShortRunEmphasis	0.972214797
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	65.75442756
wavelet-HHL	glrlm	RunPercentage	0.963562753
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.069650816
wavelet-HHL	glrlm	RunEntropy	3.560571383
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	59.15587791
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.931119126
wavelet-HHL	glszm	GrayLevelVariance	11.57231405
wavelet-HHL	glszm	ZoneVariance	1.652892562
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.095041322
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.433884298
wavelet-HHL	glszm	SizeZoneNonUniformity	9.545454545
wavelet-HHL	glszm	GrayLevelNonUniformity	2.090909091
wavelet-HHL	glszm	LargeAreaEmphasis	4.636363636
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	33.00551433
wavelet-HHL	glszm	ZonePercentage	0.578947368
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.202668926
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	231.6818182
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	58.68181818
wavelet-HHL	glszm	SmallAreaEmphasis	0.642341785
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.094654464
wavelet-HHL	glszm	ZoneEntropy	3.697845823
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.088193005
wavelet-HHL	ngtdm	Coarseness	0.107102477
wavelet-HHL	ngtdm	Complexity	165.5119023
wavelet-HHL	ngtdm	Strength	5.673029331
wavelet-HHL	ngtdm	Contrast	0.315956471
wavelet-HHL	ngtdm	Busyness	0.128364828
wavelet-HHL	gldm	GrayLevelVariance	6.33033241

wavelet-HLH	gldm	HighGrayLevelEmphasis	64.97368421
wavelet-HLH	gldm	DependenceEntropy	4.38595679
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wavelet-HLH	gldm	GrayLevelNonUniformity	5.105263158
wavelet-HLH	gldm	SmallDependenceEmphasis	0.326944444
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	20.01652047
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.224376731
wavelet-HLH	gldm	LargeDependenceEmphasis	8.526315789
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.19745244
wavelet-HLH	gldm	DependenceVariance	1.601108033
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	516.9210526
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.039841461
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.052298029
wavelet-HLH	glcm	JointAverage	7.780965141
wavelet-HLH	glcm	SumAverage	15.56193028
wavelet-HLH	glcm	JointEntropy	4.680933171
wavelet-HLH	glcm	ClusterShade	-4.301699109
wavelet-HLH	glcm	MaximumProbability	0.077541498
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wavelet-HLH	glcm	JointEnergy	0.043410629
wavelet-HLH	glcm	Contrast	10.95050552
wavelet-HLH	glcm	DifferenceEntropy	2.558206399
wavelet-HLH	glcm	InverseVariance	0.30722856
wavelet-HLH	glcm	DifferenceVariance	3.566840595
wavelet-HLH	glcm	Idn	0.832811381
wavelet-HLH	glcm	Idm	0.308110462
wavelet-HLH	glcm	Correlation	-0.014963897
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wavelet-HLH	glcm	ClusterProminence	421.6421483
wavelet-HLH	glcm	Imc2	0.952165535
wavelet-HLH	glcm	Imc1	-0.421991188
wavelet-HLH	glcm	DifferenceAverage	2.661749626
wavelet-HLH	glcm	Id	0.393033455
wavelet-HLH	glcm	ClusterTendency	11.78070384
wavelet-HLH	firstorder	InterquartileRange	79.27315387
wavelet-HLH	firstorder	Skewness	-0.39925921
wavelet-HLH	firstorder	Uniformity	0.13434903
wavelet-HLH	firstorder	Median	0.392540937
wavelet-HLH	firstorder	Energy	144429.8309
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	32.13294674
wavelet-HLH	firstorder	MeanAbsoluteDeviation	48.67085685
wavelet-HLH	firstorder	TotalEnergy	3899605.433
wavelet-HLH	firstorder	Maximum	114.9680945
wavelet-HLH	firstorder	RootMeanSquared	61.65050708
wavelet-HLH	firstorder	90Percentile	82.13002286
wavelet-HLH	firstorder	Minimum	-151.8254289
wavelet-HLH	firstorder	Entropy	3.125005554
wavelet-HLH	firstorder	Range	266.7935234
wavelet-HLH	firstorder	Variance	3792.315114
wavelet-HLH	firstorder	10Percentile	-56.26176298

wavelet-HLH	firstorder	Kurtosis	3.178980624
wavelet-HLH	firstorder	Mean	2.910310721
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.053653092
wavelet-HLH	glrlm	GrayLevelVariance	6.572287262
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.054608053
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.130927737
wavelet-HLH	glrlm	RunVariance	0.066735291
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.66452766
wavelet-HLH	glrlm	LongRunEmphasis	1.212651776
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	61.96023476
wavelet-HLH	glrlm	RunLengthNonUniformity	31.4240373
wavelet-HLH	glrlm	ShortRunEmphasis	0.949507996
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	78.38146536
wavelet-HLH	glrlm	RunPercentage	0.937246964
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.058645932
wavelet-HLH	glrlm	RunEntropy	3.352931112
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	65.13978002
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.878698888
wavelet-HLH	glszm	GrayLevelVariance	10.734375
wavelet-HLH	glszm	ZoneVariance	4.734375
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.109375
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.359375
wavelet-HLH	glszm	SizeZoneNonUniformity	5.75
wavelet-HLH	glszm	GrayLevelNonUniformity	1.75
wavelet-HLH	glszm	LargeAreaEmphasis	10.375
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	33.70991789
wavelet-HLH	glszm	ZonePercentage	0.421052632
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.272870258
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	640.1875
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	65.125
wavelet-HLH	glszm	SmallAreaEmphasis	0.582877073
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.098653054
wavelet-HLH	glszm	ZoneEntropy	3.875
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.091185859
wavelet-HLH	ngtdm	Coarseness	0.147492725
wavelet-HLH	ngtdm	Complexity	89.68609708
wavelet-HLH	ngtdm	Strength	6.068492414
wavelet-HLH	ngtdm	Contrast	0.214960353
wavelet-HLH	ngtdm	Busyness	0.093755395

Image type	Feature Class	Feature Name	2: RTSTRUCT: C99-DNU_segment_GTV
general	info	BoundingBox	(0, 0, 1, 9, 12, 10)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	(0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	MaskHash	42415a4218a69028e1cab5d2859a164da7
general	info	NumpyVersion	7e7899
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	318
original	shape	Maximum2DDiameterSlice	36.24913792
original	shape	Sphericity	32.44996148
original	shape	MinorAxis	0.779121228
original	shape	Elongation	21.81054557
original	shape	SurfaceVolumeRatio	0.652328337
original	shape	Volume	0.303120605
original	shape	MajorAxis	8586
original	shape	SurfaceArea	33.43491969
original	shape	Flatness	2602.593513
original	shape	LeastAxis	0.538537661
original	shape	Maximum2DDiameterColumn	18.00596346
original	shape	Maximum2DDiameterRow	27.16615541
original	gldm	GrayLevelVariance	34.20526275
original	gldm	HighGrayLevelEmphasis	46.97952019
original	gldm	DependenceEntropy	802.8836478
original	gldm	DependenceNonUniformity	6.02410305
original	gldm	GrayLevelNonUniformity	49.99371069
original	gldm	SmallDependenceEmphasis	33.37735849
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.375412884
original	gldm	DependenceNonUniformityNormalized	211.1171666
original	gldm		0.157212927

original	gldm	LargeDependenceEmphasis	32.9245283
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.037074005
original	gldm	DependenceVariance	14.20121831
original	gldm	LargeDependenceHighGrayLevelEmphasis	34096.14151
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.004722971
original	gldm	LowGrayLevelEmphasis	0.00557865
original	glcm	JointAverage	28.9528459
original	glcm	SumAverage	57.90569179
original	glcm	JointEntropy	6.18729809
original	glcm	ClusterShade	-1569.950893
original	glcm	MaximumProbability	0.090353099
original	glcm	Idmn	0.967738546
original	glcm	JointEnergy	0.032392591
original	glcm	Contrast	44.92953468
original	glcm	DifferenceEntropy	3.496414079
original	glcm	InverseVariance	0.309204352
original	glcm	DifferenceVariance	26.6412844
original	glcm	Idn	0.902460683
original	glcm	Idm	0.348579936
original	glcm	Correlation	0.346662588
original	glcm	Autocorrelation	850.2258248
original	glcm	SumEntropy	4.365900443
original	glcm	SumSquares	34.40578413
original	glcm	ClusterProminence	52545.53254
original	glcm	Imc2	0.898449737
original	glcm	Imc1	-0.236370748
original	glcm	DifferenceAverage	4.253188824
original	glcm	Id	0.40944186
original	glcm	ClusterTendency	92.69360184
original	firstorder	InterquartileRange	206.25
original	firstorder	Skewness	-1.538273181
original	firstorder	Uniformity	0.104960247
original	firstorder	Median	-17
original	firstorder	Energy	12452041
original	firstorder	RobustMeanAbsoluteDeviation	89.61101606
original	firstorder	MeanAbsoluteDeviation	133.745639
original	firstorder	TotalEnergy	336205107
original	firstorder	Maximum	58
original	firstorder	RootMeanSquared	197.8821913
original	firstorder	90Percentile	35
original	firstorder	Minimum	-753
original	firstorder	Entropy	3.932974493
original	firstorder	Range	811
original	firstorder	Variance	29060.90373
original	firstorder	10Percentile	-358
original	firstorder	Kurtosis	4.770377468
original	firstorder	Mean	-100.4811321
original	glrlm	ShortRunLowGrayLevelEmphasis	0.006150492
original	glrlm	GrayLevelVariance	49.79732762
original	glrlm	LowGrayLevelRunEmphasis	0.006248579
original	glrlm	GrayLevelNonUniformityNormalized	0.085223257
original	glrlm	RunVariance	0.209332221

original	glrlm	GrayLevelNonUniformity	23.67604841
original	glrlm	LongRunEmphasis	1.530132522
original	glrlm	ShortRunHighGrayLevelEmphasis	679.6881893
original	glrlm	RunLengthNonUniformity	220.4337502
original	glrlm	ShortRunEmphasis	0.910231234
original	glrlm	LongRunHighGrayLevelEmphasis	1314.69064
original	glrlm	RunPercentage	0.872036768
original	glrlm	LongRunLowGrayLevelEmphasis	0.006803144
original	glrlm	RunEntropy	4.572287563
original	glrlm	HighGrayLevelRunEmphasis	770.5667561
original	glrlm	RunLengthNonUniformityNormalized	0.793466107
original	glszm	GrayLevelVariance	53.87669716
original	glszm	ZoneVariance	59.90886312
original	glszm	GrayLevelNonUniformityNormalized	0.047374862
original	glszm	SizeZoneNonUniformityNormalized	0.585571936
original	glszm	SizeZoneNonUniformity	76.70992366
original	glszm	GrayLevelNonUniformity	6.20610687
original	glszm	LargeAreaEmphasis	65.80152672
original	glszm	SmallAreaHighGrayLevelEmphasis	413.7859626
original	glszm	ZonePercentage	0.411949686
original	glszm	LargeAreaLowGrayLevelEmphasis	0.074866427
original	glszm	LargeAreaHighGrayLevelEmphasis	68278.08397
original	glszm	HighGrayLevelZoneEmphasis	566.8473282
original	glszm	SmallAreaEmphasis	0.792634925
original	glszm	LowGrayLevelZoneEmphasis	0.011741784
original	glszm	ZoneEntropy	5.305668899
original	glszm	SmallAreaLowGrayLevelEmphasis	0.011246009
original	ngtdm	Coarseness	0.013664946
original	ngtdm	Complexity	1367.963929
original	ngtdm	Strength	10.06582678
original	ngtdm	Contrast	0.404643422
original	ngtdm	Busyness	0.067205814
wavelet-HHH	gldm	GrayLevelVariance	5.292561608
wavelet-HHH	gldm	HighGrayLevelEmphasis	76.05345912
wavelet-HHH	gldm	DependenceEntropy	5.608366564
wavelet-HHH	gldm	DependenceNonUniformity	39.73584906
wavelet-HHH	gldm	GrayLevelNonUniformity	46.41509434
wavelet-HHH	gldm	SmallDependenceEmphasis	0.250855019
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	21.49926535
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.1249555
wavelet-HHH	gldm	LargeDependenceEmphasis	28.94968553
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.422932019
wavelet-HHH	gldm	DependenceVariance	9.95324552
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2135.154088
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009877978
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.023084283
wavelet-HHH	glcm	JointAverage	8.479319979
wavelet-HHH	glcm	SumAverage	16.95863996
wavelet-HHH	glcm	JointEntropy	5.719079961
wavelet-HHH	glcm	ClusterShade	0.798209535
wavelet-HHH	glcm	MaximumProbability	0.085979957
wavelet-HHH	glcm	Idmn	0.970598251

wavelet-HHH	glcm	JointEnergy	0.033258705
wavelet-HHH	glcm	Contrast	9.717688976
wavelet-HHH	glcm	DifferenceEntropy	2.748822195
wavelet-HHH	glcm	InverseVariance	0.364213704
wavelet-HHH	glcm	DifferenceVariance	4.647543955
wavelet-HHH	glcm	Idn	0.893706453
wavelet-HHH	glcm	Idm	0.388615687
wavelet-HHH	glcm	Correlation	-0.036780389
wavelet-HHH	glcm	Autocorrelation	71.71633837
wavelet-HHH	glcm	SumEntropy	3.481590322
wavelet-HHH	glcm	SumSquares	4.674521803
wavelet-HHH	glcm	ClusterProminence	377.4771804
wavelet-HHH	glcm	Imc2	0.707386027
wavelet-HHH	glcm	Imc1	-0.116113215
wavelet-HHH	glcm	DifferenceAverage	2.23487392
wavelet-HHH	glcm	Id	0.4578602
wavelet-HHH	glcm	ClusterTendency	8.980398234
wavelet-HHH	firstorder	InterquartileRange	62.78731925
wavelet-HHH	firstorder	Skewness	0.017518191
wavelet-HHH	firstorder	Uniformity	0.145959416
wavelet-HHH	firstorder	Median	0.226721757
wavelet-HHH	firstorder	Energy	1062832.611
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	25.77412337
wavelet-HHH	firstorder	MeanAbsoluteDeviation	42.17055168
wavelet-HHH	firstorder	TotalEnergy	28696480.51
wavelet-HHH	firstorder	Maximum	222.8430739
wavelet-HHH	firstorder	RootMeanSquared	57.81211738
wavelet-HHH	firstorder	90Percentile	61.40837751
wavelet-HHH	firstorder	Minimum	-199.9815716
wavelet-HHH	firstorder	Entropy	3.16473589
wavelet-HHH	firstorder	Range	422.8246455
wavelet-HHH	firstorder	Variance	3331.716131
wavelet-HHH	firstorder	10Percentile	-73.07349028
wavelet-HHH	firstorder	Kurtosis	4.325724297
wavelet-HHH	firstorder	Mean	-3.244192611
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022806553
wavelet-HHH	glrlm	GrayLevelVariance	5.896940952
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.024271904
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.13098019
wavelet-HHH	glrlm	RunVariance	0.184466372
wavelet-HHH	glrlm	GrayLevelNonUniformity	36.28346284
wavelet-HHH	glrlm	LongRunEmphasis	1.506519575
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	69.40968401
wavelet-HHH	glrlm	RunLengthNonUniformity	216.2467568
wavelet-HHH	glrlm	ShortRunEmphasis	0.904124876
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	113.5800295
wavelet-HHH	glrlm	RunPercentage	0.870827286
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.031875523
wavelet-HHH	glrlm	RunEntropy	3.793187383
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	76.45733606
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.779860815
wavelet-HHH	glszm	GrayLevelVariance	12.49807605



wavelet-HHH	glszm	ZoneVariance	92.81077411
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.088727931
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.376641014
wavelet-HHH	glszm	SizeZoneNonUniformity	35.40425532
wavelet-HHH	glszm	GrayLevelNonUniformity	8.340425532
wavelet-HHH	glszm	LargeAreaEmphasis	104.2553191
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	57.34086491
wavelet-HHH	glszm	ZonePercentage	0.295597484
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.488918766
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	7687.223404
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	83.30851064
wavelet-HHH	glszm	SmallAreaEmphasis	0.632204179
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.038145438
wavelet-HHH	glszm	ZoneEntropy	5.002593411
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02878095
wavelet-HHH	ngtdm	Coarseness	0.022010876
wavelet-HHH	ngtdm	Complexity	202.9083793
wavelet-HHH	ngtdm	Strength	1.775986593
wavelet-HHH	ngtdm	Contrast	0.069437387
wavelet-HHH	ngtdm	Busyness	0.256141469
wavelet-HLL	gldm	GrayLevelVariance	33.65500771
wavelet-HLL	gldm	HighGrayLevelEmphasis	355.9591195
wavelet-HLL	gldm	DependenceEntropy	6.278408303
wavelet-HLL	gldm	DependenceNonUniformity	65.57232704
wavelet-HLL	gldm	GrayLevelNonUniformity	18.66666667
wavelet-HLL	gldm	SmallDependenceEmphasis	0.395360728
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	161.2002019
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.206202286
wavelet-HLL	gldm	LargeDependenceEmphasis	10.39622642
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.044181964
wavelet-HLL	gldm	DependenceVariance	2.980024524
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3446.273585
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008238493
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.010645695
wavelet-HLL	glcm	JointAverage	17.57757118
wavelet-HLL	glcm	SumAverage	35.15514235
wavelet-HLL	glcm	JointEntropy	7.420140203
wavelet-HLL	glcm	ClusterShade	186.6970741
wavelet-HLL	glcm	MaximumProbability	0.024065993
wavelet-HLL	glcm	Idmn	0.973468165
wavelet-HLL	glcm	JointEnergy	0.007873612
wavelet-HLL	glcm	Contrast	41.25060499
wavelet-HLL	glcm	DifferenceEntropy	3.59789868
wavelet-HLL	glcm	InverseVariance	0.225784949
wavelet-HLL	glcm	DifferenceVariance	18.09487254
wavelet-HLL	glcm	Idn	0.896734674
wavelet-HLL	glcm	Idm	0.225973649
wavelet-HLL	glcm	Correlation	0.234901413
wavelet-HLL	glcm	Autocorrelation	315.5758314
wavelet-HLL	glcm	SumEntropy	4.819507228
wavelet-HLL	glcm	SumSquares	27.22299041
wavelet-HLL	glcm	ClusterProminence	19561.49786

wavelet-HLL	glcm	Imc2	0.941153551
wavelet-HLL	glcm	Imc1	-0.259000796
wavelet-HLL	glcm	DifferenceAverage	4.664135193
wavelet-HLL	glcm	Id	0.313186635
wavelet-HLL	glcm	ClusterTendency	67.64135667
wavelet-HLL	firstorder	InterquartileRange	153.7782408
wavelet-HLL	firstorder	Skewness	0.413152662
wavelet-HLL	firstorder	Uniformity	0.05870021
wavelet-HLL	firstorder	Median	-65.67617326
wavelet-HLL	firstorder	Energy	7937645.634
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	70.50441122
wavelet-HLL	firstorder	MeanAbsoluteDeviation	109.2663353
wavelet-HLL	firstorder	TotalEnergy	214316432.1
wavelet-HLL	firstorder	Maximum	417.6794002
wavelet-HLL	firstorder	RootMeanSquared	157.9909801
wavelet-HLL	firstorder	90Percentile	139.5905638
wavelet-HLL	firstorder	Minimum	-479.7412704
wavelet-HLL	firstorder	Entropy	4.413650288
wavelet-HLL	firstorder	Range	897.4206706
wavelet-HLL	firstorder	Variance	20992.93923
wavelet-HLL	firstorder	10Percentile	-244.9566739
wavelet-HLL	firstorder	Kurtosis	3.749894442
wavelet-HLL	firstorder	Mean	-62.99373432
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.010959536
wavelet-HLL	glrlm	GrayLevelVariance	35.11531265
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011145908
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.056690845
wavelet-HLL	glrlm	RunVariance	0.082475651
wavelet-HLL	glrlm	GrayLevelNonUniformity	16.84545817
wavelet-HLL	glrlm	LongRunEmphasis	1.233856788
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	341.9582961
wavelet-HLL	glrlm	RunLengthNonUniformity	261.4474026
wavelet-HLL	glrlm	ShortRunEmphasis	0.950198974
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	433.6707666
wavelet-HLL	glrlm	RunPercentage	0.933720368
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012015585
wavelet-HLL	glrlm	RunEntropy	4.740940011
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	358.2383369
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.878758295
wavelet-HLL	glszm	GrayLevelVariance	54.82341435
wavelet-HLL	glszm	ZoneVariance	10.2436305
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041517923
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.480561397
wavelet-HLL	glszm	SizeZoneNonUniformity	68.72027972
wavelet-HLL	glszm	GrayLevelNonUniformity	5.937062937
wavelet-HLL	glszm	LargeAreaEmphasis	15.18881119
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	307.1937356
wavelet-HLL	glszm	ZonePercentage	0.449685535
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.069808733
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4978.244755
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	397.2027972
wavelet-HLL	glszm	SmallAreaEmphasis	0.720074446

wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018918124
wavelet-HLL	glszm	ZoneEntropy	5.816149421
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017655539
wavelet-HLL	ngtdm	Coarseness	0.022871074
wavelet-HLL	ngtdm	Complexity	1358.567253
wavelet-HLL	ngtdm	Strength	7.792145069
wavelet-HLL	ngtdm	Contrast	0.23193725
wavelet-HLL	ngtdm	Busyness	0.07642346
wavelet-LHL	gldm	GrayLevelVariance	28.5189767
wavelet-LHL	gldm	HighGrayLevelEmphasis	657.4559748
wavelet-LHL	gldm	DependenceEntropy	6.152826846
wavelet-LHL	gldm	DependenceNonUniformity	65.32704403
wavelet-LHL	gldm	GrayLevelNonUniformity	21.83018868
wavelet-LHL	gldm	SmallDependenceEmphasis	0.40147151
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	257.8429415
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.205430956
wavelet-LHL	gldm	LargeDependenceEmphasis	11.71698113
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021556709
wavelet-LHL	gldm	DependenceVariance	3.884023575
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7893.248428
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004046619
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005052416
wavelet-LHL	glcm	JointAverage	25.30693629
wavelet-LHL	glcm	SumAverage	50.61387258
wavelet-LHL	glcm	JointEntropy	7.172396421
wavelet-LHL	glcm	ClusterShade	-128.4552058
wavelet-LHL	glcm	MaximumProbability	0.036320621
wavelet-LHL	glcm	Idmn	0.980599489
wavelet-LHL	glcm	JointEnergy	0.010618082
wavelet-LHL	glcm	Contrast	35.53755794
wavelet-LHL	glcm	DifferenceEntropy	3.533177439
wavelet-LHL	glcm	InverseVariance	0.255986973
wavelet-LHL	glcm	DifferenceVariance	16.14899064
wavelet-LHL	glcm	Idn	0.91172902
wavelet-LHL	glcm	Idm	0.247445339
wavelet-LHL	glcm	Correlation	0.171350125
wavelet-LHL	glcm	Autocorrelation	644.1565001
wavelet-LHL	glcm	SumEntropy	4.577093628
wavelet-LHL	glcm	SumSquares	21.47755655
wavelet-LHL	glcm	ClusterProminence	14487.41046
wavelet-LHL	glcm	Imc2	0.916900019
wavelet-LHL	glcm	Imc1	-0.230041076
wavelet-LHL	glcm	DifferenceAverage	4.303449049
wavelet-LHL	glcm	Id	0.331559172
wavelet-LHL	glcm	ClusterTendency	50.37266825
wavelet-LHL	firstorder	InterquartileRange	124.4387641
wavelet-LHL	firstorder	Skewness	-0.464930286
wavelet-LHL	firstorder	Uniformity	0.068648392
wavelet-LHL	firstorder	Median	-27.17931314
wavelet-LHL	firstorder	Energy	6002243.809
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	55.64523406
wavelet-LHL	firstorder	MeanAbsoluteDeviation	94.7357928

wavelet-LHL	firstorder	TotalEnergy	162060582.9
wavelet-LHL	firstorder	Maximum	357.3470329
wavelet-LHL	firstorder	RootMeanSquared	137.3862458
wavelet-LHL	firstorder	90Percentile	118.9192733
wavelet-LHL	firstorder	Minimum	-626.1992791
wavelet-LHL	firstorder	Entropy	4.285246039
wavelet-LHL	firstorder	Range	983.546312
wavelet-LHL	firstorder	Variance	17616.32961
wavelet-LHL	firstorder	10Percentile	-195.6084247
wavelet-LHL	firstorder	Kurtosis	4.889659891
wavelet-LHL	firstorder	Mean	-35.47747069
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005229397
wavelet-LHL	glrlm	GrayLevelVariance	29.95032696
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005311834
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.064941984
wavelet-LHL	glrlm	RunVariance	0.084582764
wavelet-LHL	glrlm	GrayLevelNonUniformity	19.22600952
wavelet-LHL	glrlm	LongRunEmphasis	1.240634363
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	621.5767074
wavelet-LHL	glrlm	RunLengthNonUniformity	258.7962049
wavelet-LHL	glrlm	ShortRunEmphasis	0.948271547
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	817.813339
wavelet-LHL	glrlm	RunPercentage	0.93081761
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005693459
wavelet-LHL	glrlm	RunEntropy	4.639678958
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	656.3806888
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.873560123
wavelet-LHL	glszm	GrayLevelVariance	47.50420927
wavelet-LHL	glszm	ZoneVariance	22.33512485
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.049131986
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.496789536
wavelet-LHL	glszm	SizeZoneNonUniformity	72.03448276
wavelet-LHL	glszm	GrayLevelNonUniformity	7.124137931
wavelet-LHL	glszm	LargeAreaEmphasis	27.14482759
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	468.2909728
wavelet-LHL	glszm	ZonePercentage	0.455974843
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.0486561
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	18257.91034
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	646.2344828
wavelet-LHL	glszm	SmallAreaEmphasis	0.732071627
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.009120094
wavelet-LHL	glszm	ZoneEntropy	5.644844004
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008611315
wavelet-LHL	ngtdm	Coarseness	0.02151348
wavelet-LHL	ngtdm	Complexity	1477.691993
wavelet-LHL	ngtdm	Strength	7.863449515
wavelet-LHL	ngtdm	Contrast	0.188301774
wavelet-LHL	ngtdm	Busyness	0.048380586
wavelet-LHH	gldm	GrayLevelVariance	12.35877734
wavelet-LHH	gldm	HighGrayLevelEmphasis	229.0408805
wavelet-LHH	gldm	DependenceEntropy	5.923229896
wavelet-LHH	gldm	DependenceNonUniformity	52.94339623

wavelet-LHH	gldm	GrayLevelNonUniformity	30.20754717
wavelet-LHH	gldm	SmallDependenceEmphasis	0.31438851
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	82.09106976
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.166488667
wavelet-LHH	gldm	LargeDependenceEmphasis	18.27672956
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.09474028
wavelet-LHH	gldm	DependenceVariance	6.398085519
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3828.028302
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005174808
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.008749791
wavelet-LHH	glcm	JointAverage	14.63459615
wavelet-LHH	glcm	SumAverage	29.2691923
wavelet-LHH	glcm	JointEntropy	6.603061443
wavelet-LHH	glcm	ClusterShade	6.208990786
wavelet-LHH	glcm	MaximumProbability	0.048779899
wavelet-LHH	glcm	Idmn	0.974433828
wavelet-LHH	glcm	JointEnergy	0.015721315
wavelet-LHH	glcm	Contrast	20.96837399
wavelet-LHH	glcm	DifferenceEntropy	3.216246084
wavelet-LHH	glcm	InverseVariance	0.300176618
wavelet-LHH	glcm	DifferenceVariance	10.03251354
wavelet-LHH	glcm	Idn	0.900562476
wavelet-LHH	glcm	Idm	0.306421249
wavelet-LHH	glcm	Correlation	-0.023494588
wavelet-LHH	glcm	Autocorrelation	213.9280668
wavelet-LHH	glcm	SumEntropy	4.034948257
wavelet-LHH	glcm	SumSquares	10.23485094
wavelet-LHH	glcm	ClusterProminence	1800.644898
wavelet-LHH	glcm	Imc2	0.818162422
wavelet-LHH	glcm	Imc1	-0.156270025
wavelet-LHH	glcm	DifferenceAverage	3.275912818
wavelet-LHH	glcm	Id	0.385574062
wavelet-LHH	glcm	ClusterTendency	19.97102976
wavelet-LHH	firstorder	InterquartileRange	92.595041
wavelet-LHH	firstorder	Skewness	0.123492697
wavelet-LHH	firstorder	Uniformity	0.094992287
wavelet-LHH	firstorder	Median	1.192600204
wavelet-LHH	firstorder	Energy	2445220.516
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	39.2687467
wavelet-LHH	firstorder	MeanAbsoluteDeviation	64.11366879
wavelet-LHH	firstorder	TotalEnergy	66020953.94
wavelet-LHH	firstorder	Maximum	305.9961685
wavelet-LHH	firstorder	RootMeanSquared	87.68906827
wavelet-LHH	firstorder	90Percentile	114.2181922
wavelet-LHH	firstorder	Minimum	-345.3644092
wavelet-LHH	firstorder	Entropy	3.729509153
wavelet-LHH	firstorder	Range	651.3605777
wavelet-LHH	firstorder	Variance	7661.716282
wavelet-LHH	firstorder	10Percentile	-96.89840985
wavelet-LHH	firstorder	Kurtosis	4.377456912
wavelet-LHH	firstorder	Mean	5.258936348
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.008776649

wavelet-LHH	glrlm	GrayLevelVariance	13.32783553
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.00913815
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.088970309
wavelet-LHH	glrlm	RunVariance	0.117228029
wavelet-LHH	glrlm	GrayLevelNonUniformity	25.63774769
wavelet-LHH	glrlm	LongRunEmphasis	1.338436805
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	215.8623987
wavelet-LHH	glrlm	RunLengthNonUniformity	239.4262658
wavelet-LHH	glrlm	ShortRunEmphasis	0.928539835
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	302.3810288
wavelet-LHH	glrlm	RunPercentage	0.905902274
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.010837945
wavelet-LHH	glrlm	RunEntropy	4.199424742
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	230.933071
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.830142588
wavelet-LHH	glszm	GrayLevelVariance	25.1706302
wavelet-LHH	glszm	ZoneVariance	33.17449465
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.063168847
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.407550535
wavelet-LHH	glszm	SizeZoneNonUniformity	47.27586207
wavelet-LHH	glszm	GrayLevelNonUniformity	7.327586207
wavelet-LHH	glszm	LargeAreaEmphasis	40.68965517
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	180.7879864
wavelet-LHH	glszm	ZonePercentage	0.364779874
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.208484625
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	8618.87069
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	254.3275862
wavelet-LHH	glszm	SmallAreaEmphasis	0.659773916
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.015022532
wavelet-LHH	glszm	ZoneEntropy	5.421607104
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.013093606
wavelet-LHH	ngtdm	Coarseness	0.021013205
wavelet-LHH	ngtdm	Complexity	524.5474682
wavelet-LHH	ngtdm	Strength	3.060468433
wavelet-LHH	ngtdm	Contrast	0.144470808
wavelet-LHH	ngtdm	Busyness	0.133618298
wavelet-LLH	gldm	GrayLevelVariance	51.41656778
wavelet-LLH	gldm	HighGrayLevelEmphasis	339.0283019
wavelet-LLH	gldm	DependenceEntropy	6.278512303
wavelet-LLH	gldm	DependenceNonUniformity	80.49685535
wavelet-LLH	gldm	GrayLevelNonUniformity	16.71698113
wavelet-LLH	gldm	SmallDependenceEmphasis	0.476753927
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	194.1211683
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.253134765
wavelet-LLH	gldm	LargeDependenceEmphasis	10.13207547
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.051569731
wavelet-LLH	gldm	DependenceVariance	3.866342312
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3049.959119
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006950123
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010785103
wavelet-LLH	glcm	JointAverage	16.44332478
wavelet-LLH	glcm	SumAverage	32.88664955

wavelet-LLH	glcm	JointEntropy	7.61793522
wavelet-LLH	glcm	ClusterShade	1098.996693
wavelet-LLH	glcm	MaximumProbability	0.028501766
wavelet-LLH	glcm	Idmn	0.973033709
wavelet-LLH	glcm	JointEnergy	0.006975492
wavelet-LLH	glcm	Contrast	71.55679964
wavelet-LLH	glcm	DifferenceEntropy	3.877578396
wavelet-LLH	glcm	InverseVariance	0.204394948
wavelet-LLH	glcm	DifferenceVariance	36.39256992
wavelet-LLH	glcm	Idn	0.900550534
wavelet-LLH	glcm	Idm	0.20262571
wavelet-LLH	glcm	Correlation	0.158128734
wavelet-LLH	glcm	Autocorrelation	277.561244
wavelet-LLH	glcm	SumEntropy	4.976418212
wavelet-LLH	glcm	SumSquares	42.93638331
wavelet-LLH	glcm	ClusterProminence	64333.66683
wavelet-LLH	glcm	Imc2	0.962839403
wavelet-LLH	glcm	Imc1	-0.296033295
wavelet-LLH	glcm	DifferenceAverage	5.774079002
wavelet-LLH	glcm	Id	0.28863657
wavelet-LLH	glcm	ClusterTendency	100.1887336
wavelet-LLH	firstorder	InterquartileRange	171.3373822
wavelet-LLH	firstorder	Skewness	1.1113027
wavelet-LLH	firstorder	Uniformity	0.052569123
wavelet-LLH	firstorder	Median	-46.24005679
wavelet-LLH	firstorder	Energy	10613336.68
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	77.30855241
wavelet-LLH	firstorder	MeanAbsoluteDeviation	127.5594363
wavelet-LLH	firstorder	TotalEnergy	286560090.4
wavelet-LLH	firstorder	Maximum	704.4879016
wavelet-LLH	firstorder	RootMeanSquared	182.6890051
wavelet-LLH	firstorder	90Percentile	180.1891526
wavelet-LLH	firstorder	Minimum	-433.3935772
wavelet-LLH	firstorder	Entropy	4.62050166
wavelet-LLH	firstorder	Range	1137.881479
wavelet-LLH	firstorder	Variance	31889.38399
wavelet-LLH	firstorder	10Percentile	-232.7177842
wavelet-LLH	firstorder	Kurtosis	5.439585392
wavelet-LLH	firstorder	Mean	-38.54722547
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.010869973
wavelet-LLH	glrlm	GrayLevelVariance	53.73829419
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011112789
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.050142397
wavelet-LLH	glrlm	RunVariance	0.071770422
wavelet-LLH	glrlm	GrayLevelNonUniformity	15.0273012
wavelet-LLH	glrlm	LongRunEmphasis	1.200282219
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	330.1616929
wavelet-LLH	glrlm	RunLengthNonUniformity	268.0418063
wavelet-LLH	glrlm	ShortRunEmphasis	0.957016547
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	399.7060762
wavelet-LLH	glrlm	RunPercentage	0.942186744
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012186255

wavelet-LLH	glrlm	RunEntropy	4.906802437
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	342.3765193
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.893742992
wavelet-LLH	glszm	GrayLevelVariance	76.55673469
wavelet-LLH	glszm	ZoneVariance	7.44084898
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.039804082
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.528293878
wavelet-LLH	glszm	SizeZoneNonUniformity	92.45142857
wavelet-LLH	glszm	GrayLevelNonUniformity	6.965714286
wavelet-LLH	glszm	LargeAreaEmphasis	10.74285714
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	321.4677933
wavelet-LLH	glszm	ZonePercentage	0.550314465
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.057126859
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3244.874286
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	391.3657143
wavelet-LLH	glszm	SmallAreaEmphasis	0.753209836
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.014152648
wavelet-LLH	glszm	ZoneEntropy	5.854355598
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.011664827
wavelet-LLH	ngtdm	Coarseness	0.022813101
wavelet-LLH	ngtdm	Complexity	2878.977078
wavelet-LLH	ngtdm	Strength	13.72765525
wavelet-LLH	ngtdm	Contrast	0.283736728
wavelet-LLH	ngtdm	Busyness	0.063539208
wavelet-LLL	gldm	GrayLevelVariance	328.8323247
wavelet-LLL	gldm	HighGrayLevelEmphasis	4978.528302
wavelet-LLL	gldm	DependenceEntropy	6.618571424
wavelet-LLL	gldm	DependenceNonUniformity	112.7358491
wavelet-LLL	gldm	GrayLevelNonUniformity	8.528301887
wavelet-LLL	gldm	SmallDependenceEmphasis	0.60937941
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2576.027294
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.354515249
wavelet-LLL	gldm	LargeDependenceEmphasis	7.194968553
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004486617
wavelet-LLL	gldm	DependenceVariance	2.861239666
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	48396.93082
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003408993
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003497246
wavelet-LLL	glcm	JointAverage	72.58622493
wavelet-LLL	glcm	SumAverage	145.1724499
wavelet-LLL	glcm	JointEntropy	8.196743798
wavelet-LLL	glcm	ClusterShade	-25529.02227
wavelet-LLL	glcm	MaximumProbability	0.019803171
wavelet-LLL	glcm	Idmn	0.970981129
wavelet-LLL	glcm	JointEnergy	0.004370285
wavelet-LLL	glcm	Contrast	257.7857304
wavelet-LLL	glcm	DifferenceEntropy	4.803268057
wavelet-LLL	glcm	InverseVariance	0.130959482
wavelet-LLL	glcm	DifferenceVariance	119.7413112
wavelet-LLL	glcm	Idn	0.894915172
wavelet-LLL	glcm	Idm	0.137585087
wavelet-LLL	glcm	Correlation	0.490134253



wavelet-LLL	glcm	Autocorrelation	5391.562008
wavelet-LLL	glcm	SumEntropy	5.953144446
wavelet-LLL	glcm	SumSquares	251.5271144
wavelet-LLL	glcm	ClusterProminence	2434644.96
wavelet-LLL	glcm	Imc2	0.995171337
wavelet-LLL	glcm	Imc1	-0.442619149
wavelet-LLL	glcm	DifferenceAverage	11.55150795
wavelet-LLL	glcm	Id	0.210243919
wavelet-LLL	glcm	ClusterTendency	748.3227271
wavelet-LLL	firstorder	InterquartileRange	651.9439292
wavelet-LLL	firstorder	Skewness	-1.01915193
wavelet-LLL	firstorder	Uniformity	0.026818559
wavelet-LLL	firstorder	Median	-186.2629816
wavelet-LLL	firstorder	Energy	100605821.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	276.9743909
wavelet-LLL	firstorder	MeanAbsoluteDeviation	373.7461471
wavelet-LLL	firstorder	TotalEnergy	2716357179
wavelet-LLL	firstorder	Maximum	195.7878549
wavelet-LLL	firstorder	RootMeanSquared	562.4682282
wavelet-LLL	firstorder	90Percentile	121.7186159
wavelet-LLL	firstorder	Minimum	-2009.657189
wavelet-LLL	firstorder	Entropy	5.566964259
wavelet-LLL	firstorder	Range	2205.445044
wavelet-LLL	firstorder	Variance	205900.5926
wavelet-LLL	firstorder	10Percentile	-994.9018875
wavelet-LLL	firstorder	Kurtosis	3.403471462
wavelet-LLL	firstorder	Mean	-332.3701477
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003637072
wavelet-LLL	glrlm	GrayLevelVariance	329.6758531
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003642701
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025309392
wavelet-LLL	glrlm	RunVariance	0.050337249
wavelet-LLL	glrlm	GrayLevelNonUniformity	7.715897055
wavelet-LLL	glrlm	LongRunEmphasis	1.140452237
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4697.773292
wavelet-LLL	glrlm	RunLengthNonUniformity	281.4884745
wavelet-LLL	glrlm	ShortRunEmphasis	0.969413028
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5853.129339
wavelet-LLL	glrlm	RunPercentage	0.958393807
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.00366765
wavelet-LLL	glrlm	RunEntropy	5.764979711
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4901.87219
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.923023877
wavelet-LLL	glszm	GrayLevelVariance	315.18216
wavelet-LLL	glszm	ZoneVariance	3.202830189
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.021671413
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.667675329
wavelet-LLL	glszm	SizeZoneNonUniformity	141.5471698
wavelet-LLL	glszm	GrayLevelNonUniformity	4.594339623
wavelet-LLL	glszm	LargeAreaEmphasis	5.452830189
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3448.484736
wavelet-LLL	glszm	ZonePercentage	0.666666667

wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.005856936
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	35477.18868
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4278.834906
wavelet-LLL	glszm	SmallAreaEmphasis	0.841620904
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.005142317
wavelet-LLL	glszm	ZoneEntropy	6.207649734
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005094864
wavelet-LLL	ngtdm	Coarseness	0.018820135
wavelet-LLL	ngtdm	Complexity	15078.16798
wavelet-LLL	ngtdm	Strength	50.85395025
wavelet-LLL	ngtdm	Contrast	1.259020254
wavelet-LLL	ngtdm	Busyness	0.010902651
wavelet-HHL	gldm	GrayLevelVariance	5.474427436
wavelet-HHL	gldm	HighGrayLevelEmphasis	100.6289308
wavelet-HHL	gldm	DependenceEntropy	5.746653885
wavelet-HHL	gldm	DependenceNonUniformity	43.69811321
wavelet-HHL	gldm	GrayLevelNonUniformity	41.74213836
wavelet-HHL	gldm	SmallDependenceEmphasis	0.278073059
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	28.8358489
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.13741545
wavelet-HHL	gldm	LargeDependenceEmphasis	20.81132075
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.239187522
wavelet-HHL	gldm	DependenceVariance	6.285154859
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1970.125786
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008138186
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016525076
wavelet-HHL	glcm	JointAverage	9.732752119
wavelet-HHL	glcm	SumAverage	19.46550424
wavelet-HHL	glcm	JointEntropy	5.834588864
wavelet-HHL	glcm	ClusterShade	1.898354648
wavelet-HHL	glcm	MaximumProbability	0.070622473
wavelet-HHL	glcm	Idmn	0.974590696
wavelet-HHL	glcm	JointEnergy	0.026507211
wavelet-HHL	glcm	Contrast	9.106314834
wavelet-HHL	glcm	DifferenceEntropy	2.70725666
wavelet-HHL	glcm	InverseVariance	0.371459318
wavelet-HHL	glcm	DifferenceVariance	3.93795998
wavelet-HHL	glcm	Idn	0.896579941
wavelet-HHL	glcm	Idm	0.364318543
wavelet-HHL	glcm	Correlation	0.000510363
wavelet-HHL	glcm	Autocorrelation	94.7331555
wavelet-HHL	glcm	SumEntropy	3.511144158
wavelet-HHL	glcm	SumSquares	4.556123516
wavelet-HHL	glcm	ClusterProminence	349.6741447
wavelet-HHL	glcm	Imc2	0.695243676
wavelet-HHL	glcm	Imc1	-0.109281742
wavelet-HHL	glcm	DifferenceAverage	2.253956831
wavelet-HHL	glcm	Id	0.438000791
wavelet-HHL	glcm	ClusterTendency	9.118179228
wavelet-HHL	firstorder	InterquartileRange	65.2689488
wavelet-HHL	firstorder	Skewness	-0.065623572
wavelet-HHL	firstorder	Uniformity	0.131264586

wavelet-HHL	firstorder	Median	5.507072654
wavelet-HHL	firstorder	Energy	1105538.525
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	29.69315711
wavelet-HHL	firstorder	MeanAbsoluteDeviation	44.7614405
wavelet-HHL	firstorder	TotalEnergy	29849540.17
wavelet-HHL	firstorder	Maximum	220.7842969
wavelet-HHL	firstorder	RootMeanSquared	58.96215941
wavelet-HHL	firstorder	90Percentile	80.63912407
wavelet-HHL	firstorder	Minimum	-217.041424
wavelet-HHL	firstorder	Entropy	3.220609191
wavelet-HHL	firstorder	Range	437.8257209
wavelet-HHL	firstorder	Variance	3439.058219
wavelet-HHL	firstorder	10Percentile	-64.21109032
wavelet-HHL	firstorder	Kurtosis	4.041620225
wavelet-HHL	firstorder	Mean	6.121929644
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016240242
wavelet-HHL	glrlm	GrayLevelVariance	5.914052129
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.017155569
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.124024324
wavelet-HHL	glrlm	RunVariance	0.152108641
wavelet-HHL	glrlm	GrayLevelNonUniformity	35.18124586
wavelet-HHL	glrlm	LongRunEmphasis	1.413535335
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	93.47129555
wavelet-HHL	glrlm	RunLengthNonUniformity	230.6087081
wavelet-HHL	glrlm	ShortRunEmphasis	0.919722876
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	140.647076
wavelet-HHL	glrlm	RunPercentage	0.891872279
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.021856028
wavelet-HHL	glrlm	RunEntropy	3.75207368
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	101.2101983
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.811928181
wavelet-HHL	glszm	GrayLevelVariance	12.15770609
wavelet-HHL	glszm	ZoneVariance	77.42629206
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.088218291
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.492889351
wavelet-HHL	glszm	SizeZoneNonUniformity	45.83870968
wavelet-HHL	glszm	GrayLevelNonUniformity	8.204301075
wavelet-HHL	glszm	LargeAreaEmphasis	89.11827957
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	74.99349957
wavelet-HHL	glszm	ZonePercentage	0.29245283
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.019027246
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	8261.44086
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	105.6021505
wavelet-HHL	glszm	SmallAreaEmphasis	0.727008093
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.028643021
wavelet-HHL	glszm	ZoneEntropy	4.884175983
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.025185814
wavelet-HHL	ngtdm	Coarseness	0.019700865
wavelet-HHL	ngtdm	Complexity	194.6382496
wavelet-HHL	ngtdm	Strength	1.617471723
wavelet-HHL	ngtdm	Contrast	0.084283728
wavelet-HHL	ngtdm	Busyness	0.285506997

wavelet-HLH	gldm	GrayLevelVariance	11.34493295
wavelet-HLH	gldm	HighGrayLevelEmphasis	223.7893082
wavelet-HLH	gldm	DependenceEntropy	5.882491152
wavelet-HLH	gldm	DependenceNonUniformity	47.22641509
wavelet-HLH	gldm	GrayLevelNonUniformity	35.50314465
wavelet-HLH	gldm	SmallDependenceEmphasis	0.311006367
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	78.72632607
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.148510739
wavelet-HLH	gldm	LargeDependenceEmphasis	18.30188679
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097482619
wavelet-HLH	gldm	DependenceVariance	5.630077924
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3715.921384
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005205271
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008801237
wavelet-HLH	glcm	JointAverage	14.56891262
wavelet-HLH	glcm	SumAverage	29.13782523
wavelet-HLH	glcm	JointEntropy	6.440291471
wavelet-HLH	glcm	ClusterShade	38.85310665
wavelet-HLH	glcm	MaximumProbability	0.051757982
wavelet-HLH	glcm	ldmn	0.977452488
wavelet-HLH	glcm	JointEnergy	0.018631649
wavelet-HLH	glcm	Contrast	19.98430899
wavelet-HLH	glcm	DifferenceEntropy	3.153121453
wavelet-HLH	glcm	InverseVariance	0.322622843
wavelet-HLH	glcm	DifferenceVariance	10.11533645
wavelet-HLH	glcm	ldn	0.908054823
wavelet-HLH	glcm	ldm	0.322382744
wavelet-HLH	glcm	Correlation	0.010661095
wavelet-HLH	glcm	Autocorrelation	212.385245
wavelet-HLH	glcm	SumEntropy	3.994341329
wavelet-HLH	glcm	SumSquares	10.10686377
wavelet-HLH	glcm	ClusterProminence	2399.771272
wavelet-HLH	glcm	lmc2	0.825710213
wavelet-HLH	glcm	lmc1	-0.165349346
wavelet-HLH	glcm	DifferenceAverage	3.117316413
wavelet-HLH	glcm	ld	0.398421515
wavelet-HLH	glcm	ClusterTendency	20.44314607
wavelet-HLH	firstorder	InterquartileRange	77.48872898
wavelet-HLH	firstorder	Skewness	0.377550195
wavelet-HLH	firstorder	Uniformity	0.111645109
wavelet-HLH	firstorder	Median	-4.2175113
wavelet-HLH	firstorder	Energy	2235189.456
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	33.50539622
wavelet-HLH	firstorder	MeanAbsoluteDeviation	58.5871804
wavelet-HLH	firstorder	TotalEnergy	60350115.31
wavelet-HLH	firstorder	Maximum	329.8011748
wavelet-HLH	firstorder	RootMeanSquared	83.83852134
wavelet-HLH	firstorder	90Percentile	102.0173546
wavelet-HLH	firstorder	Minimum	-336.5422731
wavelet-HLH	firstorder	Entropy	3.606012034
wavelet-HLH	firstorder	Range	666.3434479
wavelet-HLH	firstorder	Variance	7025.847905

wavelet-HLH	firstorder	10Percentile	-79.09018246
wavelet-HLH	firstorder	Kurtosis	5.612429993
wavelet-HLH	firstorder	Mean	1.746354723
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008834179
wavelet-HLH	glrlm	GrayLevelVariance	12.29600624
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.00920342
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.103997199
wavelet-HLH	glrlm	RunVariance	0.144087322
wavelet-HLH	glrlm	GrayLevelNonUniformity	29.8283755
wavelet-HLH	glrlm	LongRunEmphasis	1.378806392
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	211.3148632
wavelet-HLH	glrlm	RunLengthNonUniformity	238.5507024
wavelet-HLH	glrlm	ShortRunEmphasis	0.928510005
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	302.871384
wavelet-HLH	glrlm	RunPercentage	0.901548137
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.011160494
wavelet-HLH	glrlm	RunEntropy	4.110531344
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	225.9690039
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.830767292
wavelet-HLH	glszm	GrayLevelVariance	25.54552469
wavelet-HLH	glszm	ZoneVariance	55.97839506
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.063100137
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.49005487
wavelet-HLH	glszm	SizeZoneNonUniformity	52.92592593
wavelet-HLH	glszm	GrayLevelNonUniformity	6.814814815
wavelet-HLH	glszm	LargeAreaEmphasis	64.64814815
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	190.1479206
wavelet-HLH	glszm	ZonePercentage	0.339622642
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.344985262
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	12815.02778
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	254.7314815
wavelet-HLH	glszm	SmallAreaEmphasis	0.726766251
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.015817687
wavelet-HLH	glszm	ZoneEntropy	5.13872697
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014333197
wavelet-HLH	ngtdm	Coarseness	0.021223802
wavelet-HLH	ngtdm	Complexity	559.2337671
wavelet-HLH	ngtdm	Strength	4.344643246
wavelet-HLH	ngtdm	Contrast	0.097861722
wavelet-HLH	ngtdm	Busyness	0.109217979

Image type	Feature Class	Feature Name	Value
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	945d6ba9a457d8e0a5da66322f0bcf1f9be219d8
general	info	ImageSpacing	(0.95898438, 0.95898438, 2.0)
general	info	MaskHash	88a4076a46c276889210545c1997ffad81d8aff6
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	242
original	shape	Maximum3DDiameter	29.69848481
original	shape	Maximum2DDiameterSlice	27.65863337
original	shape	Sphericity	0.780029121
original	shape	MinorAxis	22.15839176
original	shape	Elongation	0.927227485
original	shape	SurfaceVolumeRatio	0.331624747
original	shape	Volume	6534
original	shape	MajorAxis	23.8974708
original	shape	SurfaceArea	2166.836096
original	shape	Flatness	0.8399328
original	shape	LeastAxis	20.07226955
original	shape	Maximum2DDiameterColumn	25.63201124
original	shape	Maximum2DDiameterRow	27.16615541
original	gldm	GrayLevelVariance	130.9938017
original	gldm	HighGrayLevelEmphasis	653.7396694
original	gldm	DependenceEntropy	6.107813072
original	gldm	DependenceNonUniformity	70.81818182
original	gldm	GrayLevelNonUniformity	12.12396694
original	gldm	SmallDependenceEmphasis	0.550173876
original	gldm	SmallDependenceHighGrayLevelEmphasis	236.6257893
original	gldm	DependenceNonUniformityNormalized	0.292637115
original	gldm	LargeDependenceEmphasis	25.83471074
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.056880643
original	gldm	DependenceVariance	15.76326754
original	gldm	LargeDependenceHighGrayLevelEmphasis	30466.68182
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012427939
original	gldm	LowGrayLevelEmphasis	0.016267715
original	glcm	JointAverage	25.73222755
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original	glcm	JointEntropy	7.290774748
original	glcm	ClusterShade	-3500.254906
original	glcm	MaximumProbability	0.088020019
original	glcm	Idmn	0.917033306
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original	glcm	Contrast	151.0142517
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original	glcm	InverseVariance	0.171715638
original	glcm	DifferenceVariance	71.84010979
original	glcm	Idn	0.832590002
original	glcm	Idm	0.220520803
original	glcm	Correlation	0.353591041
original	glcm	Autocorrelation	703.6987151
original	glcm	SumEntropy	5.366103543
original	glcm	SumSquares	116.8384308
original	glcm	ClusterProminence	232461.4371
original	glcm	Imc2	0.985535369
original	glcm	Imc1	-0.392753283
original	glcm	DifferenceAverage	8.837670816
original	glcm	Id	0.285085577
original	glcm	ClusterTendency	316.3394713
original	firstorder	InterquartileRange	582.75
original	firstorder	Skewness	-0.345935159
original	firstorder	Uniformity	0.050099037
original	firstorder	Median	-230
original	firstorder	Energy	40339645
original	firstorder	RobustMeanAbsoluteDeviation	216.9752604
original	firstorder	MeanAbsoluteDeviation	256.5551875
original	firstorder	TotalEnergy	1089170415
original	firstorder	Maximum	63
original	firstorder	RootMeanSquared	408.2802321
original	firstorder	90Percentile	25.7
original	firstorder	Minimum	-830
original	firstorder	Entropy	4.831374347
original	firstorder	Range	893
original	firstorder	Variance	81797.57136
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original	firstorder	Kurtosis	1.644897685
original	firstorder	Mean	-291.3677686
original	glrlm	ShortRunLowGrayLevelEmphasis	0.017226003
original	glrlm	GrayLevelVariance	128.332102
original	glrlm	LowGrayLevelRunEmphasis	0.017441116
original	glrlm	GrayLevelNonUniformityNormalized	0.039353107
original	glrlm	RunVariance	0.131381532
original	glrlm	GrayLevelNonUniformity	8.734953028
original	glrlm	LongRunEmphasis	1.323903486
original	glrlm	ShortRunHighGrayLevelEmphasis	547.4150245
original	glrlm	RunLengthNonUniformity	192.2651767
original	glrlm	ShortRunEmphasis	0.944168488
original	glrlm	LongRunHighGrayLevelEmphasis	980.8303634
original	glrlm	RunPercentage	0.91640178
original	glrlm	LongRunLowGrayLevelEmphasis	0.018483613
original	glrlm	RunEntropy	5.198087779
original	glrlm	HighGrayLevelRunEmphasis	609.6933049
original	glrlm	RunLengthNonUniformityNormalized	0.866531564
original	glszm	GrayLevelVariance	100.3723449
original	glszm	ZoneVariance	10.35105743
original	glszm	GrayLevelNonUniformityNormalized	0.032810403
original	glszm	SizeZoneNonUniformityNormalized	0.64274145
original	glszm	SizeZoneNonUniformity	94.4829932
original	glszm	GrayLevelNonUniformity	4.823129252

original	glszm	LargeAreaEmphasis	13.06122449
original	glszm	SmallAreaHighGrayLevelEmphasis	330.5618247
original	glszm	ZonePercentage	0.607438017
original	glszm	LargeAreaLowGrayLevelEmphasis	0.04984504
original	glszm	LargeAreaHighGrayLevelEmphasis	14673.38095
original	glszm	HighGrayLevelZoneEmphasis	443
original	glszm	SmallAreaEmphasis	0.827853293
original	glszm	LowGrayLevelZoneEmphasis	0.021954773
original	glszm	ZoneEntropy	5.531491629
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019488632
original	ngtdm	Coarseness	0.014232809
original	ngtdm	Complexity	3974.299686
original	ngtdm	Strength	11.64123379
original	ngtdm	Contrast	1.342876406
original	ngtdm	Busyness	0.073553705
wavelet-HHH	gldm	GrayLevelVariance	13.776518
wavelet-HHH	gldm	HighGrayLevelEmphasis	167.4545455
wavelet-HHH	gldm	DependenceEntropy	5.819125234
wavelet-HHH	gldm	DependenceNonUniformity	51.73553719
wavelet-HHH	gldm	GrayLevelNonUniformity	21.38016529
wavelet-HHH	gldm	SmallDependenceEmphasis	0.410290675
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	68.02238339
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.213783212
wavelet-HHH	gldm	LargeDependenceEmphasis	11.31404959
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.081448493
wavelet-HHH	gldm	DependenceVariance	3.785602076
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1923.206612
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009414805
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013820393
wavelet-HHH	glcm	JointAverage	12.43172385
wavelet-HHH	glcm	SumAverage	24.86344771
wavelet-HHH	glcm	JointEntropy	6.827798943
wavelet-HHH	glcm	ClusterShade	0.035380964
wavelet-HHH	glcm	MaximumProbability	0.033385504
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wavelet-HHH	glcm	JointEnergy	0.011929152
wavelet-HHH	glcm	Contrast	26.62866995
wavelet-HHH	glcm	DifferenceEntropy	3.388987636
wavelet-HHH	glcm	InverseVariance	0.241345994
wavelet-HHH	glcm	DifferenceVariance	11.1943944
wavelet-HHH	glcm	Idn	0.867227905
wavelet-HHH	glcm	Idm	0.244064048
wavelet-HHH	glcm	Correlation	-0.022285988
wavelet-HHH	glcm	Autocorrelation	154.2523385
wavelet-HHH	glcm	SumEntropy	4.200751396
wavelet-HHH	glcm	SumSquares	13.0159232
wavelet-HHH	glcm	ClusterProminence	2569.225335
wavelet-HHH	glcm	Imc2	0.872487303
wavelet-HHH	glcm	Imc1	-0.190525815
wavelet-HHH	glcm	DifferenceAverage	3.895442654
wavelet-HHH	glcm	Id	0.33384742
wavelet-HHH	glcm	ClusterTendency	25.43502285
wavelet-HHH	firstorder	InterquartileRange	104.0073318
wavelet-HHH	firstorder	Skewness	0.033200643
wavelet-HHH	firstorder	Uniformity	0.08834779
wavelet-HHH	firstorder	Median	-4.02155252



wavelet-HHH	firstorder	Energy	2054088.155
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	44.33440782
wavelet-HHH	firstorder	MeanAbsoluteDeviation	69.7841651
wavelet-HHH	firstorder	TotalEnergy	55460380.19
wavelet-HHH	firstorder	Maximum	270.0735206
wavelet-HHH	firstorder	RootMeanSquared	92.13016652
wavelet-HHH	firstorder	90Percentile	115.1640797
wavelet-HHH	firstorder	Minimum	-285.2546922
wavelet-HHH	firstorder	Entropy	3.826838234
wavelet-HHH	firstorder	Range	555.3282128
wavelet-HHH	firstorder	Variance	8476.504676
wavelet-HHH	firstorder	10Percentile	-120.3451264
wavelet-HHH	firstorder	Kurtosis	3.526526245
wavelet-HHH	firstorder	Mean	-3.385691489
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.013968366
wavelet-HHH	grlm	GrayLevelVariance	14.34186783
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.014322005
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.084759206
wavelet-HHH	grlm	RunVariance	0.076907327
wavelet-HHH	grlm	GrayLevelNonUniformity	19.13801712
wavelet-HHH	grlm	LongRunEmphasis	1.227032075
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	158.6459232
wavelet-HHH	grlm	RunLengthNonUniformity	197.6554656
wavelet-HHH	grlm	ShortRunEmphasis	0.948945009
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	205.8119037
wavelet-HHH	grlm	RunPercentage	0.932930706
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.015875484
wavelet-HHH	grlm	RunEntropy	4.17392524
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	167.3007783
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.874881331
wavelet-HHH	glszm	GrayLevelVariance	20.31532402
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.463882283
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wavelet-HHH	glszm	GrayLevelNonUniformity	7.775862069
wavelet-HHH	glszm	LargeAreaEmphasis	15.10344828
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	117.2126408
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.112236808
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2542.155172
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	165.7672414
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.020927892
wavelet-HHH	glszm	ZoneEntropy	5.241065965
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018457348
wavelet-HHH	ngtdm	Coarseness	0.025374822
wavelet-HHH	ngtdm	Complexity	477.7064265
wavelet-HHH	ngtdm	Strength	3.088145555
wavelet-HHH	ngtdm	Contrast	0.193930727
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wavelet-HLL	gldm	GrayLevelVariance	78.5392562
wavelet-HLL	gldm	HighGrayLevelEmphasis	1070.789256
wavelet-HLL	gldm	DependenceEntropy	6.168474112
wavelet-HLL	gldm	DependenceNonUniformity	82.04958678
wavelet-HLL	gldm	GrayLevelNonUniformity	9.404958678

wavelet-HLL	gldm	SmallDependenceEmphasis	0.562342137
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	633.2641314
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.339047879
wavelet-HLL	gldm	LargeDependenceEmphasis	4.58677686
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010233954
wavelet-HLL	gldm	DependenceVariance	1.098217335
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	4231.764463
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004962209
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005480542
wavelet-HLL	glcm	JointAverage	30.84136557
wavelet-HLL	glcm	SumAverage	61.68273115
wavelet-HLL	glcm	JointEntropy	7.787946778
wavelet-HLL	glcm	ClusterShade	1663.138909
wavelet-HLL	glcm	MaximumProbability	0.013363037
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wavelet-HLL	glcm	JointEnergy	0.005107152
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wavelet-HLL	glcm	DifferenceEntropy	4.136211964
wavelet-HLL	glcm	InverseVariance	0.157422431
wavelet-HLL	glcm	DifferenceVariance	45.06156208
wavelet-HLL	glcm	Idn	0.897873728
wavelet-HLL	glcm	Idm	0.144805257
wavelet-HLL	glcm	Correlation	0.251481985
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wavelet-HLL	glcm	SumSquares	69.74956116
wavelet-HLL	glcm	ClusterProminence	125424.466
wavelet-HLL	glcm	Imc2	0.986872999
wavelet-HLL	glcm	Imc1	-0.381633204
wavelet-HLL	glcm	DifferenceAverage	7.325199031
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wavelet-HLL	glcm	ClusterTendency	177.8356773
wavelet-HLL	firstorder	InterquartileRange	248.3101555
wavelet-HLL	firstorder	Skewness	0.323180262
wavelet-HLL	firstorder	Uniformity	0.038863466
wavelet-HLL	firstorder	Median	-81.82481273
wavelet-HLL	firstorder	Energy	12556862.1
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	115.7015091
wavelet-HLL	firstorder	MeanAbsoluteDeviation	172.5617627
wavelet-HLL	firstorder	TotalEnergy	339035276.7
wavelet-HLL	firstorder	Maximum	640.150509
wavelet-HLL	firstorder	RootMeanSquared	227.7890689
wavelet-HLL	firstorder	90Percentile	278.5127964
wavelet-HLL	firstorder	Minimum	-808.8109441
wavelet-HLL	firstorder	Entropy	4.93477032
wavelet-HLL	firstorder	Range	1448.961453
wavelet-HLL	firstorder	Variance	49322.71957
wavelet-HLL	firstorder	10Percentile	-292.0292015
wavelet-HLL	firstorder	Kurtosis	3.577105416
wavelet-HLL	firstorder	Mean	-50.64721466
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005596829
wavelet-HLL	glrlm	GrayLevelVariance	79.76893161
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.0056288
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.038347944
wavelet-HLL	glrlm	RunVariance	0.036686692
wavelet-HLL	glrlm	GrayLevelNonUniformity	8.971831874

wavelet-HLL	glrlm	LongRunEmphasis	1.108890157
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1052.054866
wavelet-HLL	glrlm	RunLengthNonUniformity	219.2269564
wavelet-HLL	glrlm	ShortRunEmphasis	0.974690808
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1177.412479
wavelet-HLL	glrlm	RunPercentage	0.966624285
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.005766218
wavelet-HLL	glrlm	RunEntropy	5.087765771
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1075.623588
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.93618859
wavelet-HLL	glszm	GrayLevelVariance	98.06126726
wavelet-HLL	glszm	ZoneVariance	1.311472715
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033284024
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.544953978
wavelet-HLL	glszm	SizeZoneNonUniformity	85.01282051
wavelet-HLL	glszm	GrayLevelNonUniformity	5.192307692
wavelet-HLL	glszm	LargeAreaEmphasis	3.717948718
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	870.8622654
wavelet-HLL	glszm	ZonePercentage	0.644628099
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.011246847
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	3672.083333
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1115.916667
wavelet-HLL	glszm	SmallAreaEmphasis	0.76615073
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.0078441
wavelet-HLL	glszm	ZoneEntropy	5.894063559
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007578832
wavelet-HLL	ngtdm	Coarseness	0.027600045
wavelet-HLL	ngtdm	Complexity	3837.239586
wavelet-HLL	ngtdm	Strength	18.56415038
wavelet-HLL	ngtdm	Contrast	0.47354856
wavelet-HLL	ngtdm	Busyness	0.032440569
wavelet-LHL	gldm	GrayLevelVariance	125.4699816
wavelet-LHL	gldm	HighGrayLevelEmphasis	1571.983471
wavelet-LHL	gldm	DependenceEntropy	6.398958333
wavelet-LHL	gldm	DependenceNonUniformity	90.56198347
wavelet-LHL	gldm	GrayLevelNonUniformity	7.355371901
wavelet-LHL	gldm	SmallDependenceEmphasis	0.610888969
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1021.176682
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.374223072
wavelet-LHL	gldm	LargeDependenceEmphasis	4.438016529
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008872431
wavelet-LHL	gldm	DependenceVariance	1.221774469
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	6576.123967
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005759596
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.006113524
wavelet-LHL	glcm	JointAverage	37.9970894
wavelet-LHL	glcm	SumAverage	75.99417879
wavelet-LHL	glcm	JointEntropy	8.026112664
wavelet-LHL	glcm	ClusterShade	1066.023791
wavelet-LHL	glcm	MaximumProbability	0.01225688
wavelet-LHL	glcm	ldmn	0.970356125
wavelet-LHL	glcm	JointEnergy	0.004190148
wavelet-LHL	glcm	Contrast	177.7732676
wavelet-LHL	glcm	DifferenceEntropy	4.547366539
wavelet-LHL	glcm	InverseVariance	0.111290002
wavelet-LHL	glcm	DifferenceVariance	73.10183146

wavelet-LHL	glcm	Idn	0.888090841
wavelet-LHL	glcm	Idm	0.115227806
wavelet-LHL	glcm	Correlation	0.217265491
wavelet-LHL	glcm	Autocorrelation	1468.450737
wavelet-LHL	glcm	SumEntropy	5.665703702
wavelet-LHL	glcm	SumSquares	113.4892935
wavelet-LHL	glcm	ClusterProminence	261169.0556
wavelet-LHL	glcm	Imc2	0.994904668
wavelet-LHL	glcm	Imc1	-0.445443194
wavelet-LHL	glcm	DifferenceAverage	10.02171439
wavelet-LHL	glcm	Id	0.195008121
wavelet-LHL	glcm	ClusterTendency	276.1839064
wavelet-LHL	firstorder	InterquartileRange	379.2427982
wavelet-LHL	firstorder	Skewness	-0.105847125
wavelet-LHL	firstorder	Uniformity	0.030394099
wavelet-LHL	firstorder	Median	-14.94109159
wavelet-LHL	firstorder	Energy	18940711.77
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	153.6206074
wavelet-LHL	firstorder	MeanAbsoluteDeviation	221.1226267
wavelet-LHL	firstorder	TotalEnergy	511399217.7
wavelet-LHL	firstorder	Maximum	862.7807517
wavelet-LHL	firstorder	RootMeanSquared	279.7631212
wavelet-LHL	firstorder	90Percentile	343.453189
wavelet-LHL	firstorder	Minimum	-937.5863387
wavelet-LHL	firstorder	Entropy	5.289145734
wavelet-LHL	firstorder	Range	1800.36709
wavelet-LHL	firstorder	Variance	78115.41157
wavelet-LHL	firstorder	10Percentile	-349.816015
wavelet-LHL	firstorder	Kurtosis	3.431311205
wavelet-LHL	firstorder	Mean	-12.32852095
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006259987
wavelet-LHL	glrlm	GrayLevelVariance	127.760935
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.006279769
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029840174
wavelet-LHL	glrlm	RunVariance	0.031796912
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.001176517
wavelet-LHL	glrlm	LongRunEmphasis	1.096003445
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1542.845055
wavelet-LHL	glrlm	RunLengthNonUniformity	220.6283398
wavelet-LHL	glrlm	ShortRunEmphasis	0.976732842
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1714.521141
wavelet-LHL	glrlm	RunPercentage	0.96948506
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.006360686
wavelet-LHL	glrlm	RunEntropy	5.424626233
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1576.217564
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.940231533
wavelet-LHL	glszm	GrayLevelVariance	154.486685
wavelet-LHL	glszm	ZoneVariance	1.218585859
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026483012
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.604554637
wavelet-LHL	glszm	SizeZoneNonUniformity	99.75151515
wavelet-LHL	glszm	GrayLevelNonUniformity	4.36969697
wavelet-LHL	glszm	LargeAreaEmphasis	3.36969697
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1369.050333
wavelet-LHL	glszm	ZonePercentage	0.681818182
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.0105244

wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	5010.957576
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1642.575758
wavelet-LHL	glszm	SmallAreaEmphasis	0.804720436
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008553568
wavelet-LHL	glszm	ZoneEntropy	6.057815645
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.008362375
wavelet-LHL	ngtdm	Coarseness	0.023719217
wavelet-LHL	ngtdm	Complexity	7851.982922
wavelet-LHL	ngtdm	Strength	22.81360971
wavelet-LHL	ngtdm	Contrast	0.739853714
wavelet-LHL	ngtdm	Busyness	0.025527166
wavelet-LHH	gldm	GrayLevelVariance	32.11570248
wavelet-LHH	gldm	HighGrayLevelEmphasis	336.7768595
wavelet-LHH	gldm	DependenceEntropy	5.821407693
wavelet-LHH	gldm	DependenceNonUniformity	74.20661157
wavelet-LHH	gldm	GrayLevelNonUniformity	13.52066116
wavelet-LHH	gldm	SmallDependenceEmphasis	0.538323542
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	181.8565148
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.306638891
wavelet-LHH	gldm	LargeDependenceEmphasis	5.380165289
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025297196
wavelet-LHH	gldm	DependenceVariance	1.347039137
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1734.31405
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007675955
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.009412012
wavelet-LHH	glcm	JointAverage	17.55965206
wavelet-LHH	glcm	SumAverage	35.11930412
wavelet-LHH	glcm	JointEntropy	7.575226461
wavelet-LHH	glcm	ClusterShade	-51.86987826
wavelet-LHH	glcm	MaximumProbability	0.017833408
wavelet-LHH	glcm	ldmn	0.951479059
wavelet-LHH	glcm	JointEnergy	0.00624159
wavelet-LHH	glcm	Contrast	64.99846967
wavelet-LHH	glcm	DifferenceEntropy	3.964248436
wavelet-LHH	glcm	InverseVariance	0.169583783
wavelet-LHH	glcm	DifferenceVariance	23.94178201
wavelet-LHH	glcm	ldn	0.855394638
wavelet-LHH	glcm	ldm	0.15978483
wavelet-LHH	glcm	Correlation	0.020233076
wavelet-LHH	glcm	Autocorrelation	308.9975901
wavelet-LHH	glcm	SumEntropy	4.837270179
wavelet-LHH	glcm	SumSquares	33.13269875
wavelet-LHH	glcm	ClusterProminence	14296.31548
wavelet-LHH	glcm	lmc2	0.959884395
wavelet-LHH	glcm	lmc1	-0.291005263
wavelet-LHH	glcm	DifferenceAverage	6.31542871
wavelet-LHH	glcm	ld	0.247333556
wavelet-LHH	glcm	ClusterTendency	67.53232531
wavelet-LHH	firstorder	InterquartileRange	173.5565283
wavelet-LHH	firstorder	Skewness	-0.050922818
wavelet-LHH	firstorder	Uniformity	0.055870501
wavelet-LHH	firstorder	Median	-3.31024084
wavelet-LHH	firstorder	Energy	4794160.594
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	74.09123061
wavelet-LHH	firstorder	MeanAbsoluteDeviation	109.9001516
wavelet-LHH	firstorder	TotalEnergy	129442336

wavelet-LHH	firstorder	Maximum	402.7751094
wavelet-LHH	firstorder	RootMeanSquared	140.7500656
wavelet-LHH	firstorder	90Percentile	176.7683678
wavelet-LHH	firstorder	Minimum	-407.6359014
wavelet-LHH	firstorder	Entropy	4.436775585
wavelet-LHH	firstorder	Range	810.4110108
wavelet-LHH	firstorder	Variance	19807.34285
wavelet-LHH	firstorder	10Percentile	-200.1273553
wavelet-LHH	firstorder	Kurtosis	2.959841713
wavelet-LHH	firstorder	Mean	-1.799475623
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.00953765
wavelet-LHH	grlm	GrayLevelVariance	32.91962035
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.009644612
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.054791753
wavelet-LHH	grlm	RunVariance	0.044086905
wavelet-LHH	grlm	GrayLevelNonUniformity	12.7455788
wavelet-LHH	grlm	LongRunEmphasis	1.127167864
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	327.8298625
wavelet-LHH	grlm	RunLengthNonUniformity	215.6280524
wavelet-LHH	grlm	ShortRunEmphasis	0.971036302
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	378.4197174
wavelet-LHH	grlm	RunPercentage	0.961220598
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.01011149
wavelet-LHH	grlm	RunEntropy	4.63247559
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	337.2685043
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.926619477
wavelet-LHH	glszm	GrayLevelVariance	44.19234378
wavelet-LHH	glszm	ZoneVariance	3.006004879
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04334772
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.568586977
wavelet-LHH	glszm	SizeZoneNonUniformity	83.01369863
wavelet-LHH	glszm	GrayLevelNonUniformity	6.328767123
wavelet-LHH	glszm	LargeAreaEmphasis	5.753424658
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	263.1941399
wavelet-LHH	glszm	ZonePercentage	0.603305785
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.030418161
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1804.726027
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	341.1643836
wavelet-LHH	glszm	SmallAreaEmphasis	0.781188393
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.013166441
wavelet-LHH	glszm	ZoneEntropy	5.498681022
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012306639
wavelet-LHH	ngtdm	Coarseness	0.023462134
wavelet-LHH	ngtdm	Complexity	1534.918932
wavelet-LHH	ngtdm	Strength	6.070294114
wavelet-LHH	ngtdm	Contrast	0.338046109
wavelet-LHH	ngtdm	Busyness	0.084470243
wavelet-LLH	gldm	GrayLevelVariance	95.05820982
wavelet-LLH	gldm	HighGrayLevelEmphasis	476.9214876
wavelet-LLH	gldm	DependenceEntropy	6.335041262
wavelet-LLH	gldm	DependenceNonUniformity	83.27272727
wavelet-LLH	gldm	GrayLevelNonUniformity	8.082644628
wavelet-LLH	gldm	SmallDependenceEmphasis	0.57177686
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	315.8700184
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.344102179
wavelet-LLH	gldm	LargeDependenceEmphasis	4.347107438

wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.062511153
wavelet-LLH	gldm	DependenceVariance	0.980943925
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1707.623967
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007501606
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016736801
wavelet-LLH	glcm	JointAverage	18.76501074
wavelet-LLH	glcm	SumAverage	37.53002148
wavelet-LLH	glcm	JointEntropy	7.969693867
wavelet-LLH	glcm	ClusterShade	2853.089226
wavelet-LLH	glcm	MaximumProbability	0.012219451
wavelet-LLH	glcm	ldmn	0.961962225
wavelet-LLH	glcm	JointEnergy	0.004407389
wavelet-LLH	glcm	Contrast	119.8125771
wavelet-LLH	glcm	DifferenceEntropy	4.299146898
wavelet-LLH	glcm	InverseVariance	0.130312657
wavelet-LLH	glcm	DifferenceVariance	49.40817813
wavelet-LLH	glcm	ldn	0.873975624
wavelet-LLH	glcm	ldm	0.128693807
wavelet-LLH	glcm	Correlation	0.350094601
wavelet-LLH	glcm	Autocorrelation	385.5416715
wavelet-LLH	glcm	SumEntropy	5.57844118
wavelet-LLH	glcm	SumSquares	93.2184544
wavelet-LLH	glcm	ClusterProminence	217678.1243
wavelet-LLH	glcm	lmc2	0.993698135
wavelet-LLH	glcm	lmc1	-0.432196021
wavelet-LLH	glcm	DifferenceAverage	8.245229551
wavelet-LLH	glcm	ld	0.213970803
wavelet-LLH	glcm	ClusterTendency	253.0612405
wavelet-LLH	firstorder	InterquartileRange	341.1911655
wavelet-LLH	firstorder	Skewness	0.503326804
wavelet-LLH	firstorder	Uniformity	0.033399358
wavelet-LLH	firstorder	Median	-60.48434292
wavelet-LLH	firstorder	Energy	14539812.11
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	136.7913772
wavelet-LLH	firstorder	MeanAbsoluteDeviation	196.0904542
wavelet-LLH	firstorder	TotalEnergy	392574926.9
wavelet-LLH	firstorder	Maximum	795.1554143
wavelet-LLH	firstorder	RootMeanSquared	245.1160301
wavelet-LLH	firstorder	90Percentile	305.1877618
wavelet-LLH	firstorder	Minimum	-498.9216921
wavelet-LLH	firstorder	Entropy	5.120908003
wavelet-LLH	firstorder	Range	1294.077106
wavelet-LLH	firstorder	Variance	59515.9745
wavelet-LLH	firstorder	10Percentile	-333.4936554
wavelet-LLH	firstorder	Kurtosis	2.925553315
wavelet-LLH	firstorder	Mean	-23.78852063
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016311546
wavelet-LLH	glrlm	GrayLevelVariance	96.33859164
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.01673137
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.032996833
wavelet-LLH	glrlm	RunVariance	0.036022152
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.72960043
wavelet-LLH	glrlm	LongRunEmphasis	1.104324576
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	471.7340116
wavelet-LLH	glrlm	RunLengthNonUniformity	220.1564818
wavelet-LLH	glrlm	ShortRunEmphasis	0.976133088

wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	519.1802345
wavelet-LLH	glrlm	RunPercentage	0.967895741
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.01844039
wavelet-LLH	glrlm	RunEntropy	5.257179719
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	480.5153788
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.939440431
wavelet-LLH	glszm	GrayLevelVariance	112.1101186
wavelet-LLH	glszm	ZoneVariance	1.388239064
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029161993
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.558884794
wavelet-LLH	glszm	SizeZoneNonUniformity	88.30379747
wavelet-LLH	glszm	GrayLevelNonUniformity	4.607594937
wavelet-LLH	glszm	LargeAreaEmphasis	3.734177215
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	446.2334725
wavelet-LLH	glszm	ZonePercentage	0.652892562
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.051142421
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1502.322785
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	533.3987342
wavelet-LLH	glszm	SmallAreaEmphasis	0.775929535
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015615475
wavelet-LLH	glszm	ZoneEntropy	6.019721951
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009158327
wavelet-LLH	ngtdm	Coarseness	0.028208235
wavelet-LLH	ngtdm	Complexity	4074.645302
wavelet-LLH	ngtdm	Strength	18.85229303
wavelet-LLH	ngtdm	Contrast	0.552709764
wavelet-LLH	ngtdm	Busyness	0.052915973
wavelet-LLL	gldm	GrayLevelVariance	744.7658118
wavelet-LLL	gldm	HighGrayLevelEmphasis	4026.35124
wavelet-LLL	gldm	DependenceEntropy	6.662382324
wavelet-LLL	gldm	DependenceNonUniformity	133.9669421
wavelet-LLL	gldm	GrayLevelNonUniformity	3.867768595
wavelet-LLL	gldm	SmallDependenceEmphasis	0.769879477
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2732.099633
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.553582406
wavelet-LLL	gldm	LargeDependenceEmphasis	2.363636364
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006655716
wavelet-LLL	gldm	DependenceVariance	0.458780138
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	13012.05372
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006045419
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006155261
wavelet-LLL	glcm	JointAverage	65.00248791
wavelet-LLL	glcm	SumAverage	130.0049758
wavelet-LLL	glcm	JointEntropy	8.245161721
wavelet-LLL	glcm	ClusterShade	-20391.12401
wavelet-LLL	glcm	MaximumProbability	0.008198066
wavelet-LLL	glcm	Idmn	0.945615185
wavelet-LLL	glcm	JointEnergy	0.003409622
wavelet-LLL	glcm	Contrast	744.1840925
wavelet-LLL	glcm	DifferenceEntropy	5.466471633
wavelet-LLL	glcm	InverseVariance	0.059190798
wavelet-LLL	glcm	DifferenceVariance	280.3910321
wavelet-LLL	glcm	Idn	0.848376589
wavelet-LLL	glcm	Idm	0.059245642
wavelet-LLL	glcm	Correlation	0.472340288
wavelet-LLL	glcm	Autocorrelation	4558.839414



wavelet-LLL	glcm	SumEntropy	6.512850988
wavelet-LLL	glcm	SumSquares	703.9545823
wavelet-LLL	glcm	ClusterProminence	9166701.139
wavelet-LLL	glcm	Imc2	0.999798416
wavelet-LLL	glcm	Imc1	-0.643726435
wavelet-LLL	glcm	DifferenceAverage	21.34623774
wavelet-LLL	glcm	Id	0.11785696
wavelet-LLL	glcm	ClusterTendency	2071.634237
wavelet-LLL	firstorder	InterquartileRange	1232.013774
wavelet-LLL	firstorder	Skewness	0.025797009
wavelet-LLL	firstorder	Uniformity	0.015982515
wavelet-LLL	firstorder	Median	-874.7098434
wavelet-LLL	firstorder	Energy	300028001.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	455.4257643
wavelet-LLL	firstorder	MeanAbsoluteDeviation	579.8526549
wavelet-LLL	firstorder	TotalEnergy	8100756037
wavelet-LLL	firstorder	Maximum	390.818716
wavelet-LLL	firstorder	RootMeanSquared	1113.456389
wavelet-LLL	firstorder	90Percentile	86.78581669
wavelet-LLL	firstorder	Minimum	-2289.515157
wavelet-LLL	firstorder	Entropy	6.194173984
wavelet-LLL	firstorder	Range	2680.333873
wavelet-LLL	firstorder	Variance	464895.9715
wavelet-LLL	firstorder	10Percentile	-1768.887051
wavelet-LLL	firstorder	Kurtosis	1.87851341
wavelet-LLL	firstorder	Mean	-880.2778869
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006236152
wavelet-LLL	glrlm	GrayLevelVariance	741.6994878
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.006240742
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015869065
wavelet-LLL	glrlm	RunVariance	0.01461648
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.784259307
wavelet-LLL	glrlm	LongRunEmphasis	1.044645119
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3925.530297
wavelet-LLL	glrlm	RunLengthNonUniformity	231.5104382
wavelet-LLL	glrlm	ShortRunEmphasis	0.98883872
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4269.972981
wavelet-LLL	glrlm	RunPercentage	0.985378258
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.006259102
wavelet-LLL	glrlm	RunEntropy	6.244188653
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3994.418834
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.970767039
wavelet-LLL	glszm	GrayLevelVariance	706.5645405
wavelet-LLL	glszm	ZoneVariance	0.371327442
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015321403
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.737778768
wavelet-LLL	glszm	SizeZoneNonUniformity	148.2935323
wavelet-LLL	glszm	GrayLevelNonUniformity	3.07960199
wavelet-LLL	glszm	LargeAreaEmphasis	1.820895522
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3047.371744
wavelet-LLL	glszm	ZonePercentage	0.830578512
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007618225
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	9150.323383
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3647.333333
wavelet-LLL	glszm	SmallAreaEmphasis	0.882771517
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007319945

wavelet-LLL	glszm	ZoneEntropy	6.533844697
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007256831
wavelet-LLL	ngtdm	Coarseness	0.019636983
wavelet-LLL	ngtdm	Complexity	49147.30498
wavelet-LLL	ngtdm	Strength	86.61250694
wavelet-LLL	ngtdm	Contrast	2.60110929
wavelet-LLL	ngtdm	Busyness	0.011195696
wavelet-HHL	gldm	GrayLevelVariance	21.12869681
wavelet-HHL	gldm	HighGrayLevelEmphasis	266.0123967
wavelet-HHL	gldm	DependenceEntropy	5.846922191
wavelet-HHL	gldm	DependenceNonUniformity	65.09090909
wavelet-HHL	gldm	GrayLevelNonUniformity	16.4214876
wavelet-HHL	gldm	SmallDependenceEmphasis	0.468911705
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	133.2522538
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.268970699
wavelet-HHL	gldm	LargeDependenceEmphasis	6.950413223
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.039843696
wavelet-HHL	gldm	DependenceVariance	1.897206475
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1677.607438
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007012427
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.009759571
wavelet-HHL	glcm	JointAverage	15.61976522
wavelet-HHL	glcm	SumAverage	31.23953044
wavelet-HHL	glcm	JointEntropy	7.230051934
wavelet-HHL	glcm	ClusterShade	17.91239561
wavelet-HHL	glcm	MaximumProbability	0.022952683
wavelet-HHL	glcm	ldmn	0.959573949
wavelet-HHL	glcm	JointEnergy	0.008179655
wavelet-HHL	glcm	Contrast	38.91574269
wavelet-HHL	glcm	DifferenceEntropy	3.64408068
wavelet-HHL	glcm	InverseVariance	0.206442178
wavelet-HHL	glcm	DifferenceVariance	15.24690785
wavelet-HHL	glcm	ldn	0.867892649
wavelet-HHL	glcm	ldm	0.195748856
wavelet-HHL	glcm	Correlation	0.016545581
wavelet-HHL	glcm	Autocorrelation	244.3318953
wavelet-HHL	glcm	SumEntropy	4.498633978
wavelet-HHL	glcm	SumSquares	19.79931746
wavelet-HHL	glcm	ClusterProminence	5514.523229
wavelet-HHL	glcm	lmc2	0.913780551
wavelet-HHL	glcm	lmc1	-0.222899631
wavelet-HHL	glcm	DifferenceAverage	4.828826087
wavelet-HHL	glcm	ld	0.287414127
wavelet-HHL	glcm	ClusterTendency	40.28152716
wavelet-HHL	firstorder	InterquartileRange	151.8919737
wavelet-HHL	firstorder	Skewness	0.076521706
wavelet-HHL	firstorder	Uniformity	0.067857387
wavelet-HHL	firstorder	Median	-8.288014727
wavelet-HHL	firstorder	Energy	3228088.661
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	61.33969451
wavelet-HHL	firstorder	MeanAbsoluteDeviation	90.7568271
wavelet-HHL	firstorder	TotalEnergy	87158393.85
wavelet-HHL	firstorder	Maximum	348.6539923
wavelet-HHL	firstorder	RootMeanSquared	115.4954949
wavelet-HHL	firstorder	90Percentile	156.0969834
wavelet-HHL	firstorder	Minimum	-369.706478

wavelet-HHL	firstorder	Entropy	4.107719548
wavelet-HHL	firstorder	Range	718.3604703
wavelet-HHL	firstorder	Variance	13328.26397
wavelet-HHL	firstorder	10Percentile	-135.73254
wavelet-HHL	firstorder	Kurtosis	3.205654372
wavelet-HHL	firstorder	Mean	3.3083796
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009810067
wavelet-HHL	glrlm	GrayLevelVariance	21.61264781
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.009993594
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.066635286
wavelet-HHL	glrlm	RunVariance	0.055248768
wavelet-HHL	glrlm	GrayLevelNonUniformity	15.35391662
wavelet-HHL	glrlm	LongRunEmphasis	1.159453562
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	258.6442562
wavelet-HHL	glrlm	RunLengthNonUniformity	209.8826231
wavelet-HHL	glrlm	ShortRunEmphasis	0.964254744
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	305.7002601
wavelet-HHL	glrlm	RunPercentage	0.952002543
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.010814391
wavelet-HHL	glrlm	RunEntropy	4.341115162
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	267.2721124
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.910587012
wavelet-HHL	glszm	GrayLevelVariance	28.1007151
wavelet-HHL	glszm	ZoneVariance	4.434228712
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058229674
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.495943753
wavelet-HHL	glszm	SizeZoneNonUniformity	63.97674419
wavelet-HHL	glszm	GrayLevelNonUniformity	7.511627907
wavelet-HHL	glszm	LargeAreaEmphasis	7.953488372
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	212.4774856
wavelet-HHL	glszm	ZonePercentage	0.533057851
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.048043338
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1918.162791
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	284.3488372
wavelet-HHL	glszm	SmallAreaEmphasis	0.731566549
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.013781637
wavelet-HHL	glszm	ZoneEntropy	5.347062699
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012392702
wavelet-HHL	ngtdm	Coarseness	0.02356827
wavelet-HHL	ngtdm	Complexity	755.0493886
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wavelet-HHL	ngtdm	Contrast	0.304727444
wavelet-HHL	ngtdm	Busyness	0.137295324
wavelet-HLH	gldm	GrayLevelVariance	17.99878765
wavelet-HLH	gldm	HighGrayLevelEmphasis	225.1446281
wavelet-HLH	gldm	DependenceEntropy	5.72436616
wavelet-HLH	gldm	DependenceNonUniformity	62.33057851
wavelet-HLH	gldm	GrayLevelNonUniformity	18.08264463
wavelet-HLH	gldm	SmallDependenceEmphasis	0.433778275
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	102.837104
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.257564374
wavelet-HLH	gldm	LargeDependenceEmphasis	7.595041322
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.058080018
wavelet-HLH	gldm	DependenceVariance	2.086127997
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1534.739669
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008555112

wavelet-HLH	gldm	LowGrayLevelEmphasis	0.013671868
wavelet-HLH	glcm	JointAverage	14.52975058
wavelet-HLH	glcm	SumAverage	29.05950116
wavelet-HLH	glcm	JointEntropy	7.13662277
wavelet-HLH	glcm	ClusterShade	-41.98378839
wavelet-HLH	glcm	MaximumProbability	0.026809549
wavelet-HLH	glcm	ldmn	0.948754333
wavelet-HLH	glcm	JointEnergy	0.008909
wavelet-HLH	glcm	Contrast	35.25427213
wavelet-HLH	glcm	DifferenceEntropy	3.57160413
wavelet-HLH	glcm	InverseVariance	0.224910792
wavelet-HLH	glcm	DifferenceVariance	14.2449231
wavelet-HLH	glcm	ldn	0.854058864
wavelet-HLH	glcm	ldm	0.210474772
wavelet-HLH	glcm	Correlation	0.018603866
wavelet-HLH	glcm	Autocorrelation	211.4426647
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wavelet-HLH	glcm	SumSquares	17.94628345
wavelet-HLH	glcm	ClusterProminence	4888.208331
wavelet-HLH	glcm	lmc2	0.9021011
wavelet-HLH	glcm	lmc1	-0.212008395
wavelet-HLH	glcm	DifferenceAverage	4.550645462
wavelet-HLH	glcm	ld	0.300574603
wavelet-HLH	glcm	ClusterTendency	36.53086167
wavelet-HLH	firstorder	InterquartileRange	128.169169
wavelet-HLH	firstorder	Skewness	-0.342242669
wavelet-HLH	firstorder	Uniformity	0.074721672
wavelet-HLH	firstorder	Median	-2.087611181
wavelet-HLH	firstorder	Energy	2665779.264
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	50.88048602
wavelet-HLH	firstorder	MeanAbsoluteDeviation	79.63733802
wavelet-HLH	firstorder	TotalEnergy	71976040.12
wavelet-HLH	firstorder	Maximum	232.8767337
wavelet-HLH	firstorder	RootMeanSquared	104.9553085
wavelet-HLH	firstorder	90Percentile	125.3028934
wavelet-HLH	firstorder	Minimum	-339.540777
wavelet-HLH	firstorder	Entropy	4.010633416
wavelet-HLH	firstorder	Range	572.4175107
wavelet-HLH	firstorder	Variance	11009.54065
wavelet-HLH	firstorder	10Percentile	-132.9119252
wavelet-HLH	firstorder	Kurtosis	3.66801876
wavelet-HLH	firstorder	Mean	-2.464982995
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013716206
wavelet-HLH	glrlm	GrayLevelVariance	18.50789401
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.014009659
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.072857021
wavelet-HLH	glrlm	RunVariance	0.060414876
wavelet-HLH	glrlm	GrayLevelNonUniformity	16.71541579
wavelet-HLH	glrlm	LongRunEmphasis	1.173377777
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	218.2362223
wavelet-HLH	glrlm	RunLengthNonUniformity	207.5227882
wavelet-HLH	glrlm	ShortRunEmphasis	0.961543891
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	261.7096497
wavelet-HLH	glrlm	RunPercentage	0.948188175
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.015297865
wavelet-HLH	glrlm	RunEntropy	4.264435621

wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	226.2053656
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.904075777
wavelet-HLH	glszm	GrayLevelVariance	25.33597432
wavelet-HLH	glszm	ZoneVariance	8.26446281
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060993102
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.461512192
wavelet-HLH	glszm	SizeZoneNonUniformity	55.84297521
wavelet-HLH	glszm	GrayLevelNonUniformity	7.380165289
wavelet-HLH	glszm	LargeAreaEmphasis	12.26446281
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	169.187911
wavelet-HLH	glszm	ZonePercentage	0.5
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.089698575
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2395.46281
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	237.6280992
wavelet-HLH	glszm	SmallAreaEmphasis	0.704638467
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.019220724
wavelet-HLH	glszm	ZoneEntropy	5.314490127
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015560421
wavelet-HLH	ngtdm	Coarseness	0.026216208
wavelet-HLH	ngtdm	Complexity	584.197185
wavelet-HLH	ngtdm	Strength	3.645836186
wavelet-HLH	ngtdm	Contrast	0.252873917
wavelet-HLH	ngtdm	Busyness	0.127046311

Image type	Feature Class	Feature Name	Value
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general	info	ImageSpacing	(0.8359375, 0.8359375, 2.0)
general	info	MaskHash	ccfb558fbe98515dba9f259ade43fc2e34a04eea
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	35
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original	shape	MinorAxis	10.47995518
original	shape	Elongation	0.766877659
original	shape	SurfaceVolumeRatio	0.526106503
original	shape	Volume	945
original	shape	MajorAxis	13.66574584
original	shape	SurfaceArea	497.1706449
original	shape	Flatness	0.689368238
original	shape	LeastAxis	9.420731134
original	shape	Maximum2DDiameterColumn	12.72792206
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original	gldm	GrayLevelVariance	112.4114286
original	gldm	HighGrayLevelEmphasis	488.7714286
original	gldm	DependenceEntropy	4.45757516
original	gldm	DependenceNonUniformity	20.71428571
original	gldm	GrayLevelNonUniformity	1.971428571
original	gldm	SmallDependenceEmphasis	0.785714286
original	gldm	SmallDependenceHighGrayLevelEmphasis	346.1428571
original	gldm	DependenceNonUniformityNormalized	0.591836735
original	gldm	LargeDependenceEmphasis	1.857142857
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.05964241
original	gldm	DependenceVariance	0.204081633
original	gldm	LargeDependenceHighGrayLevelEmphasis	1059.285714
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.057436576
original	gldm	LowGrayLevelEmphasis	0.057877743
original	glcm	JointAverage	21.98553043
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original	glcm	Idn	0.767460548
original	glcm	Idm	0.077595509
original	glcm	Correlation	-0.073377329
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original	glcm	SumEntropy	3.667036149
original	glcm	SumSquares	101.4035324
original	glcm	ClusterProminence	90158.25833
original	glcm	Imc2	0.999211668
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original	glcm	DifferenceAverage	12.09711572
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original	glcm	ClusterTendency	183.5645658
original	firstorder	InterquartileRange	402
original	firstorder	Skewness	-0.293174695
original	firstorder	Uniformity	0.056326531
original	firstorder	Median	-298
original	firstorder	Energy	6225510
original	firstorder	RobustMeanAbsoluteDeviation	170.8971193
original	firstorder	MeanAbsoluteDeviation	224.7983673
original	firstorder	TotalEnergy	168088770
original	firstorder	Maximum	60
original	firstorder	RootMeanSquared	421.7484016
original	firstorder	90Percentile	-0.4
original	firstorder	Minimum	-791
original	firstorder	Entropy	4.300153017
original	firstorder	Range	851
original	firstorder	Variance	70325.19673
original	firstorder	10Percentile	-749.6
original	firstorder	Kurtosis	1.915585361
original	firstorder	Mean	-327.9428571
original	glrlm	ShortRunLowGrayLevelEmphasis	0.058506719
original	glrlm	GrayLevelVariance	112.7527266
original	glrlm	LowGrayLevelRunEmphasis	0.058524557
original	glrlm	GrayLevelNonUniformityNormalized	0.056337547
original	glrlm	RunVariance	0.010954819
original	glrlm	GrayLevelNonUniformity	1.950187068
original	glrlm	LongRunEmphasis	1.034759358
original	glrlm	ShortRunHighGrayLevelEmphasis	480.897671
original	glrlm	RunLengthNonUniformity	33.88797477
original	glrlm	ShortRunEmphasis	0.99131016
original	glrlm	LongRunHighGrayLevelEmphasis	509.905281
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original	glrlm	LongRunLowGrayLevelEmphasis	0.058595907
original	glrlm	RunEntropy	4.310285778
original	glrlm	HighGrayLevelRunEmphasis	486.699193
original	glrlm	RunLengthNonUniformityNormalized	0.978090362
original	glszm	GrayLevelVariance	117.05
original	glszm	ZoneVariance	0.138888889
original	glszm	GrayLevelNonUniformityNormalized	0.055555556
original	glszm	SizeZoneNonUniformityNormalized	0.722222222
original	glszm	SizeZoneNonUniformity	21.66666667
original	glszm	GrayLevelNonUniformity	1.666666667
original	glszm	LargeAreaEmphasis	1.5
original	glszm	SmallAreaHighGrayLevelEmphasis	376.1
original	glszm	ZonePercentage	0.857142857
original	glszm	LargeAreaLowGrayLevelEmphasis	0.068210293

original	glszm	LargeAreaHighGrayLevelEmphasis	792.1
original	glszm	HighGrayLevelZoneEmphasis	459.3
original	glszm	SmallAreaEmphasis	0.875
original	glszm	LowGrayLevelZoneEmphasis	0.067180903
original	glszm	ZoneEntropy	4.456564762
original	glszm	SmallAreaLowGrayLevelEmphasis	0.066923556
original	ngtdm	Coarseness	0.053158813
original	ngtdm	Complexity	3192.826145
original	ngtdm	Strength	29.61615913
original	ngtdm	Contrast	4.752069146
original	ngtdm	Busyness	0.050053555
wavelet-HHH	gldm	GrayLevelVariance	13.49061224
wavelet-HHH	gldm	HighGrayLevelEmphasis	87.94285714
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wavelet-HHH	gldm	DependenceNonUniformity	13.22857143
wavelet-HHH	gldm	GrayLevelNonUniformity	3.285714286
wavelet-HHH	gldm	SmallDependenceEmphasis	0.608484127
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	56.6046746
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.377959184
wavelet-HHH	gldm	LargeDependenceEmphasis	3.971428571
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.103078424
wavelet-HHH	gldm	DependenceVariance	0.933877551
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	329.5428571
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.04927956
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.056628869
wavelet-HHH	glcm	JointAverage	8.663389695
wavelet-HHH	glcm	SumAverage	17.32677939
wavelet-HHH	glcm	JointEntropy	4.85648612
wavelet-HHH	glcm	ClusterShade	6.646077848
wavelet-HHH	glcm	MaximumProbability	0.060134994
wavelet-HHH	glcm	Idmn	0.906949248
wavelet-HHH	glcm	JointEnergy	0.036656548
wavelet-HHH	glcm	Contrast	30.51250517
wavelet-HHH	glcm	DifferenceEntropy	2.891931951
wavelet-HHH	glcm	InverseVariance	0.209322198
wavelet-HHH	glcm	DifferenceVariance	9.121629865
wavelet-HHH	glcm	Idn	0.79967426
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wavelet-HHH	glcm	Correlation	-0.028751891
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wavelet-HHH	glcm	DifferenceAverage	4.478485408
wavelet-HHH	glcm	Id	0.283515704
wavelet-HHH	glcm	ClusterTendency	28.72208754
wavelet-HHH	firstorder	InterquartileRange	108.1971956
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wavelet-HHH	firstorder	Uniformity	0.093877551
wavelet-HHH	firstorder	Median	12.74050387
wavelet-HHH	firstorder	Energy	293626.0381
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	46.47204372
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wavelet-HHH	firstorder	TotalEnergy	7927903.029
wavelet-HHH	firstorder	Maximum	185.064718
wavelet-HHH	firstorder	RootMeanSquared	91.59320594



wavelet-HHH	firstorder	90Percentile	133.3411491
wavelet-HHH	firstorder	Minimum	-189.5056244
wavelet-HHH	firstorder	Entropy	3.703107389
wavelet-HHH	firstorder	Range	374.5703425
wavelet-HHH	firstorder	Variance	8359.822569
wavelet-HHH	firstorder	10Percentile	-119.8328746
wavelet-HHH	firstorder	Kurtosis	2.516002977
wavelet-HHH	firstorder	Mean	5.430727927
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.057453226
wavelet-HHH	glrlm	GrayLevelVariance	13.77538405
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.057837658
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.091473262
wavelet-HHH	glrlm	RunVariance	0.028429877
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.112443929
wavelet-HHH	glrlm	LongRunEmphasis	1.091191896
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	86.31994553
wavelet-HHH	glrlm	RunLengthNonUniformity	32.12781091
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	95.52595321
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.059375384
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	88.16114706
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.070154395
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wavelet-HLL	gldm	GrayLevelNonUniformity	1.628571429
wavelet-HLL	gldm	SmallDependenceEmphasis	0.76031746
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	634.8285714
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.552653061
wavelet-HLL	gldm	LargeDependenceEmphasis	2.085714286
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.044274976
wavelet-HLL	gldm	DependenceVariance	0.28244898
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1375.971429
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.03861286

wavelet-HLL	gldm	LowGrayLevelEmphasis	0.039632408
wavelet-HLL	glcm	JointAverage	24.4638644
wavelet-HLL	glcm	SumAverage	48.9277288
wavelet-HLL	glcm	JointEntropy	4.97009568
wavelet-HLL	glcm	ClusterShade	-59.4135429
wavelet-HLL	glcm	MaximumProbability	0.041595542
wavelet-HLL	glcm	Idmn	0.908225709
wavelet-HLL	glcm	JointEnergy	0.033170689
wavelet-HLL	glcm	Contrast	238.2763583
wavelet-HLL	glcm	DifferenceEntropy	3.38724944
wavelet-HLL	glcm	InverseVariance	0.114795374
wavelet-HLL	glcm	DifferenceVariance	75.8972784
wavelet-HLL	glcm	Idn	0.809590408
wavelet-HLL	glcm	Idm	0.098764215
wavelet-HLL	glcm	Correlation	0.297679182
wavelet-HLL	glcm	Autocorrelation	654.1035133
wavelet-HLL	glcm	SumEntropy	3.803867483
wavelet-HLL	glcm	SumSquares	172.9703349
wavelet-HLL	glcm	ClusterProminence	373442.2475
wavelet-HLL	glcm	Imc2	0.999697791
wavelet-HLL	glcm	Imc1	-0.860677169
wavelet-HLL	glcm	DifferenceAverage	11.8769065
wavelet-HLL	glcm	Id	0.172114579
wavelet-HLL	glcm	ClusterTendency	453.6049814
wavelet-HLL	firstorder	InterquartileRange	513.6703811
wavelet-HLL	firstorder	Skewness	-0.286048513
wavelet-HLL	firstorder	Uniformity	0.046530612
wavelet-HLL	firstorder	Median	-45.20344074
wavelet-HLL	firstorder	Energy	3596529.034
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	222.360867
wavelet-HLL	firstorder	MeanAbsoluteDeviation	279.3820794
wavelet-HLL	firstorder	TotalEnergy	97106283.93
wavelet-HLL	firstorder	Maximum	409.4844211
wavelet-HLL	firstorder	RootMeanSquared	320.5588439
wavelet-HLL	firstorder	90Percentile	306.0629215
wavelet-HLL	firstorder	Minimum	-673.9730109
wavelet-HLL	firstorder	Entropy	4.536286231
wavelet-HLL	firstorder	Range	1083.457432
wavelet-HLL	firstorder	Variance	98411.82886
wavelet-HLL	firstorder	10Percentile	-476.8622317
wavelet-HLL	firstorder	Kurtosis	1.809045031
wavelet-HLL	firstorder	Mean	-65.9252877
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.040077709
wavelet-HLL	glrlm	GrayLevelVariance	158.5691724
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.040122094
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046330644
wavelet-HLL	glrlm	RunVariance	0.01315072
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.600391765
wavelet-HLL	glrlm	LongRunEmphasis	1.041546689
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	774.2396936
wavelet-HLL	glrlm	RunLengthNonUniformity	33.66173043
wavelet-HLL	glrlm	ShortRunEmphasis	0.989613328
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	803.9579166
wavelet-HLL	glrlm	RunPercentage	0.986813187
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.040299632
wavelet-HLL	glrlm	RunEntropy	4.548932395
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	780.1833382
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.97369856

wavelet-HLL	glszm	GrayLevelVariance	165.6908442
wavelet-HLL	glszm	ZoneVariance	0.233055886
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.043995244
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.705112961
wavelet-HLL	glszm	SizeZoneNonUniformity	20.44827586
wavelet-HLL	glszm	GrayLevelNonUniformity	1.275862069
wavelet-HLL	glszm	LargeAreaEmphasis	1.689655172
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	736.7155172
wavelet-HLL	glszm	ZonePercentage	0.828571429
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.049904259
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1189.344828
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	820.3448276
wavelet-HLL	glszm	SmallAreaEmphasis	0.865900383
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.046949453
wavelet-HLL	glszm	ZoneEntropy	4.582118926
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.046381036
wavelet-HLL	ngtdm	Coarseness	0.098865445
wavelet-HLL	ngtdm	Complexity	2971.239146
wavelet-HLL	ngtdm	Strength	64.66826777
wavelet-HLL	ngtdm	Contrast	3.886956884
wavelet-HLL	ngtdm	Busyness	0.022214892
wavelet-LHL	gldm	GrayLevelVariance	93.51836735
wavelet-LHL	gldm	HighGrayLevelEmphasis	704.3142857
wavelet-LHL	gldm	DependenceEntropy	4.614997303
wavelet-LHL	gldm	DependenceNonUniformity	22.65714286
wavelet-LHL	gldm	GrayLevelNonUniformity	1.628571429
wavelet-LHL	gldm	SmallDependenceEmphasis	0.828571429
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	583.8428571
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.647346939
wavelet-LHL	gldm	LargeDependenceEmphasis	1.685714286
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03207687
wavelet-LHL	gldm	DependenceVariance	0.176326531
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1186.2
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.030751799
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.031016813
wavelet-LHL	glcm	JointAverage	24.34300248
wavelet-LHL	glcm	SumAverage	48.68600497
wavelet-LHL	glcm	JointEntropy	4.965549695
wavelet-LHL	glcm	ClusterShade	347.3927696
wavelet-LHL	glcm	MaximumProbability	0.044153472
wavelet-LHL	glcm	Idmn	0.942975728
wavelet-LHL	glcm	JointEnergy	0.033167979
wavelet-LHL	glcm	Contrast	120.958982
wavelet-LHL	glcm	DifferenceEntropy	3.281665418
wavelet-LHL	glcm	InverseVariance	0.111952598
wavelet-LHL	glcm	DifferenceVariance	31.30029803
wavelet-LHL	glcm	Idn	0.836424755
wavelet-LHL	glcm	Idm	0.087294477
wavelet-LHL	glcm	Correlation	0.259295146
wavelet-LHL	glcm	Autocorrelation	618.5869932
wavelet-LHL	glcm	SumEntropy	3.690966695
wavelet-LHL	glcm	SumSquares	85.99195094
wavelet-LHL	glcm	ClusterProminence	124831.199
wavelet-LHL	glcm	Imc2	0.999550378
wavelet-LHL	glcm	Imc1	-0.832780358
wavelet-LHL	glcm	DifferenceAverage	9.103311714
wavelet-LHL	glcm	Id	0.171080801
wavelet-LHL	glcm	ClusterTendency	223.0088217

wavelet-LHL	firstorder	InterquartileRange	313.4537514
wavelet-LHL	firstorder	Skewness	-0.168978699
wavelet-LHL	firstorder	Uniformity	0.046530612
wavelet-LHL	firstorder	Median	-5.217883811
wavelet-LHL	firstorder	Energy	2048354.204
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	133.4675092
wavelet-LHL	firstorder	MeanAbsoluteDeviation	196.5374205
wavelet-LHL	firstorder	TotalEnergy	55305563.51
wavelet-LHL	firstorder	Maximum	434.2804517
wavelet-LHL	firstorder	RootMeanSquared	241.91818
wavelet-LHL	firstorder	90Percentile	310.912362
wavelet-LHL	firstorder	Minimum	-609.3803048
wavelet-LHL	firstorder	Entropy	4.536286231
wavelet-LHL	firstorder	Range	1043.660757
wavelet-LHL	firstorder	Variance	58177.74025
wavelet-LHL	firstorder	10Percentile	-314.7020585
wavelet-LHL	firstorder	Kurtosis	2.65704551
wavelet-LHL	firstorder	Mean	-18.61895762
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.031273025
wavelet-LHL	glrlm	GrayLevelVariance	94.21520454
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.031283518
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.046453586
wavelet-LHL	glrlm	RunVariance	0.008783604
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.611635423
wavelet-LHL	glrlm	LongRunEmphasis	1.027149321
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	699.5586458
wavelet-LHL	glrlm	RunLengthNonUniformity	34.09502262
wavelet-LHL	glrlm	ShortRunEmphasis	0.99321267
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	723.4076277
wavelet-LHL	glrlm	RunPercentage	0.991208791
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.031325489
wavelet-LHL	glrlm	RunEntropy	4.542384323
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	704.3284421
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.982432792
wavelet-LHL	glszm	GrayLevelVariance	103.4755463
wavelet-LHL	glszm	ZoneVariance	0.112382934
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.044745057
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.775234131
wavelet-LHL	glszm	SizeZoneNonUniformity	24.03225806
wavelet-LHL	glszm	GrayLevelNonUniformity	1.387096774
wavelet-LHL	glszm	LargeAreaEmphasis	1.387096774
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	636.5080645
wavelet-LHL	glszm	ZonePercentage	0.885714286
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.035417929
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	976.5483871
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	704.516129
wavelet-LHL	glszm	SmallAreaEmphasis	0.903225806
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.034819509
wavelet-LHL	glszm	ZoneEntropy	4.631615665
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.034669904
wavelet-LHL	ngtdm	Coarseness	0.13991513
wavelet-LHL	ngtdm	Complexity	1744.917676
wavelet-LHL	ngtdm	Strength	57.42112361
wavelet-LHL	ngtdm	Contrast	1.613218269
wavelet-LHL	ngtdm	Busyness	0.018634658
wavelet-LHH	gldm	GrayLevelVariance	23.87265306
wavelet-LHH	gldm	HighGrayLevelEmphasis	201.1428571
wavelet-LHH	gldm	DependenceEntropy	4.136286231

wavelet-LHH	gldm	DependenceNonUniformity	12.48571429
wavelet-LHH	gldm	GrayLevelNonUniformity	2.942857143
wavelet-LHH	gldm	SmallDependenceEmphasis	0.557142857
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	109.9634921
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.356734694
wavelet-LHH	gldm	LargeDependenceEmphasis	3.914285714
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.059655533
wavelet-LHH	gldm	DependenceVariance	0.674285714
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	824.4
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.034128405
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.037687949
wavelet-LHH	glcm	JointAverage	13.45170922
wavelet-LHH	glcm	SumAverage	26.90341843
wavelet-LHH	glcm	JointEntropy	4.824965458
wavelet-LHH	glcm	ClusterShade	-146.9891614
wavelet-LHH	glcm	MaximumProbability	0.065789331
wavelet-LHH	glcm	ldmn	0.924267786
wavelet-LHH	glcm	JointEnergy	0.037808315
wavelet-LHH	glcm	Contrast	50.0843008
wavelet-LHH	glcm	DifferenceEntropy	3.045217009
wavelet-LHH	glcm	InverseVariance	0.158555358
wavelet-LHH	glcm	DifferenceVariance	16.6542695
wavelet-LHH	glcm	ldn	0.820526531
wavelet-LHH	glcm	ldm	0.168044333
wavelet-LHH	glcm	Correlation	0.044968762
wavelet-LHH	glcm	Autocorrelation	182.2150819
wavelet-LHH	glcm	SumEntropy	3.511924041
wavelet-LHH	glcm	SumSquares	26.00444846
wavelet-LHH	glcm	ClusterProminence	8276.362718
wavelet-LHH	glcm	lmc2	0.995650466
wavelet-LHH	glcm	lmc1	-0.66722355
wavelet-LHH	glcm	DifferenceAverage	5.615361792
wavelet-LHH	glcm	ld	0.260602703
wavelet-LHH	glcm	ClusterTendency	53.93349304
wavelet-LHH	firstorder	InterquartileRange	144.9094873
wavelet-LHH	firstorder	Skewness	-0.475852192
wavelet-LHH	firstorder	Uniformity	0.084081633
wavelet-LHH	firstorder	Median	5.616300258
wavelet-LHH	firstorder	Energy	530114.9496
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	60.62955984
wavelet-LHH	firstorder	MeanAbsoluteDeviation	94.59005991
wavelet-LHH	firstorder	TotalEnergy	14313103.64
wavelet-LHH	firstorder	Maximum	233.7789766
wavelet-LHH	firstorder	RootMeanSquared	123.0696608
wavelet-LHH	firstorder	90Percentile	119.4066562
wavelet-LHH	firstorder	Minimum	-309.2233273
wavelet-LHH	firstorder	Entropy	3.714718017
wavelet-LHH	firstorder	Range	543.002304
wavelet-LHH	firstorder	Variance	15132.28782
wavelet-LHH	firstorder	10Percentile	-184.4665428
wavelet-LHH	firstorder	Kurtosis	2.952449958
wavelet-LHH	firstorder	Mean	-3.722041464
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.0384666
wavelet-LHH	glrlm	GrayLevelVariance	24.18526656
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.038655774
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.083393651
wavelet-LHH	glrlm	RunVariance	0.030665681
wavelet-LHH	glrlm	GrayLevelNonUniformity	2.829753335

wavelet-LHH	glrlm	LongRunEmphasis	1.097117956
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	195.7494567
wavelet-LHH	glrlm	RunLengthNonUniformity	31.88147025
wavelet-LHH	glrlm	ShortRunEmphasis	0.975720511
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	221.2600169
wavelet-LHH	glrlm	RunPercentage	0.969230769
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.039412474
wavelet-LHH	glrlm	RunEntropy	3.806284124
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	200.8515688
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.938668637
wavelet-LHH	glszm	GrayLevelVariance	28.60113422
wavelet-LHH	glszm	ZoneVariance	0.771266541
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.073724008
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.519848771
wavelet-LHH	glszm	SizeZoneNonUniformity	11.95652174
wavelet-LHH	glszm	GrayLevelNonUniformity	1.695652174
wavelet-LHH	glszm	LargeAreaEmphasis	3.086956522
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	148.1234903
wavelet-LHH	glszm	ZonePercentage	0.657142857
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.070261652
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	631.3043478
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	199.8695652
wavelet-LHH	glszm	SmallAreaEmphasis	0.745471014
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.053005579
wavelet-LHH	glszm	ZoneEntropy	4.088779347
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.050957166
wavelet-LHH	ngtdm	Coarseness	0.101583084
wavelet-LHH	ngtdm	Complexity	438.461188
wavelet-LHH	ngtdm	Strength	13.95019522
wavelet-LHH	ngtdm	Contrast	0.852891317
wavelet-LHH	ngtdm	Busyness	0.073370007
wavelet-LLH	gldm	GrayLevelVariance	160.922449
wavelet-LLH	gldm	HighGrayLevelEmphasis	829.5142857
wavelet-LLH	gldm	DependenceEntropy	4.650571945
wavelet-LLH	gldm	DependenceNonUniformity	17.45714286
wavelet-LLH	gldm	GrayLevelNonUniformity	1.914285714
wavelet-LLH	gldm	SmallDependenceEmphasis	0.694642857
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	492.2928571
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.49877551
wavelet-LLH	gldm	LargeDependenceEmphasis	2.542857143
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.064550498
wavelet-LLH	gldm	DependenceVariance	0.419591837
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2642.542857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.039413704
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.044396544
wavelet-LLH	glcm	JointAverage	25.84053902
wavelet-LLH	glcm	SumAverage	51.68107804
wavelet-LLH	glcm	JointEntropy	4.952406891
wavelet-LLH	glcm	ClusterShade	-3432.652369
wavelet-LLH	glcm	MaximumProbability	0.048819762
wavelet-LLH	glcm	Idmn	0.909017718
wavelet-LLH	glcm	JointEnergy	0.033448664
wavelet-LLH	glcm	Contrast	200.9738488
wavelet-LLH	glcm	DifferenceEntropy	3.375461072
wavelet-LLH	glcm	InverseVariance	0.084682768
wavelet-LLH	glcm	DifferenceVariance	41.86688178
wavelet-LLH	glcm	Idn	0.804001297
wavelet-LLH	glcm	Idm	0.090784139

wavelet-LLH	glcm	Correlation	0.320769716
wavelet-LLH	glcm	Autocorrelation	712.9393661
wavelet-LLH	glcm	SumEntropy	3.822654936
wavelet-LLH	glcm	SumSquares	143.5186285
wavelet-LLH	glcm	ClusterProminence	308530.4993
wavelet-LLH	glcm	Imc2	0.999401486
wavelet-LLH	glcm	Imc1	-0.814853977
wavelet-LLH	glcm	DifferenceAverage	11.46971234
wavelet-LLH	glcm	Id	0.167382273
wavelet-LLH	glcm	ClusterTendency	373.1006654
wavelet-LLH	firstorder	InterquartileRange	538.1305358
wavelet-LLH	firstorder	Skewness	-0.60009742
wavelet-LLH	firstorder	Uniformity	0.054693878
wavelet-LLH	firstorder	Median	10.05352194
wavelet-LLH	firstorder	Energy	3696325.738
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	212.3485351
wavelet-LLH	firstorder	MeanAbsoluteDeviation	273.9464058
wavelet-LLH	firstorder	TotalEnergy	99800794.91
wavelet-LLH	firstorder	Maximum	326.0549998
wavelet-LLH	firstorder	RootMeanSquared	324.9758557
wavelet-LLH	firstorder	90Percentile	261.2288013
wavelet-LLH	firstorder	Minimum	-699.8842001
wavelet-LLH	firstorder	Entropy	4.400432303
wavelet-LLH	firstorder	Range	1025.9392
wavelet-LLH	firstorder	Variance	101188.0739
wavelet-LLH	firstorder	10Percentile	-610.3744324
wavelet-LLH	firstorder	Kurtosis	2.048082494
wavelet-LLH	firstorder	Mean	-66.49235232
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.044730045
wavelet-LLH	glrlm	GrayLevelVariance	160.7144793
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.044934107
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.054023398
wavelet-LLH	glrlm	RunVariance	0.017554865
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.858012576
wavelet-LLH	glrlm	LongRunEmphasis	1.054709996
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	808.3114234
wavelet-LLH	glrlm	RunLengthNonUniformity	33.19964349
wavelet-LLH	glrlm	ShortRunEmphasis	0.986322501
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	886.1623592
wavelet-LLH	glrlm	RunPercentage	0.982417582
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.045750353
wavelet-LLH	glrlm	RunEntropy	4.437671403
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	823.8816105
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.96489027
wavelet-LLH	glszm	GrayLevelVariance	155.7283951
wavelet-LLH	glszm	ZoneVariance	0.430727023
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.04526749
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.640603567
wavelet-LLH	glszm	SizeZoneNonUniformity	17.2962963
wavelet-LLH	glszm	GrayLevelNonUniformity	1.222222222
wavelet-LLH	glszm	LargeAreaEmphasis	2.111111111
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	553.6018519
wavelet-LLH	glszm	ZonePercentage	0.771428571
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.06636217
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2072.62963
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	737.0740741
wavelet-LLH	glszm	SmallAreaEmphasis	0.826388889
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.053222475

wavelet-LLH	glszm	ZoneEntropy	4.680813428
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.050009689
wavelet-LLH	ngtdm	Coarseness	0.070641619
wavelet-LLH	ngtdm	Complexity	3046.454166
wavelet-LLH	ngtdm	Strength	62.31415895
wavelet-LLH	ngtdm	Contrast	4.131625751
wavelet-LLH	ngtdm	Busyness	0.023831584
wavelet-LLL	gldm	GrayLevelVariance	390.7706122
wavelet-LLL	gldm	HighGrayLevelEmphasis	1747.114286
wavelet-LLL	gldm	DependenceEntropy	4.843568731
wavelet-LLL	gldm	DependenceNonUniformity	25.05714286
wavelet-LLL	gldm	GrayLevelNonUniformity	1.514285714
wavelet-LLL	gldm	SmallDependenceEmphasis	0.871428571
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1561.885714
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.715918367
wavelet-LLL	gldm	LargeDependenceEmphasis	1.514285714
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.033091316
wavelet-LLL	gldm	DependenceVariance	0.142040816
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2488.028571
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.032281222
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.032443241
wavelet-LLL	glcm	JointAverage	42.95685675
wavelet-LLL	glcm	SumAverage	85.9137135
wavelet-LLL	glcm	JointEntropy	4.984806535
wavelet-LLL	glcm	ClusterShade	-1877.956941
wavelet-LLL	glcm	MaximumProbability	0.041823237
wavelet-LLL	glcm	Idmn	0.889742836
wavelet-LLL	glcm	JointEnergy	0.032755231
wavelet-LLL	glcm	Contrast	871.7783149
wavelet-LLL	glcm	DifferenceEntropy	3.731417023
wavelet-LLL	glcm	InverseVariance	0.04465909
wavelet-LLL	glcm	DifferenceVariance	266.8914463
wavelet-LLL	glcm	Idn	0.782707134
wavelet-LLL	glcm	Idm	0.045677275
wavelet-LLL	glcm	Correlation	-0.028163926
wavelet-LLL	glcm	Autocorrelation	1827.003377
wavelet-LLL	glcm	SumEntropy	3.831640094
wavelet-LLL	glcm	SumSquares	413.6070336
wavelet-LLL	glcm	ClusterProminence	1545451.118
wavelet-LLL	glcm	Imc2	0.999746773
wavelet-LLL	glcm	Imc1	-0.872742708
wavelet-LLL	glcm	DifferenceAverage	24.05887983
wavelet-LLL	glcm	Id	0.098736408
wavelet-LLL	glcm	ClusterTendency	782.6498194
wavelet-LLL	firstorder	InterquartileRange	593.2707237
wavelet-LLL	firstorder	Skewness	0.224972556
wavelet-LLL	firstorder	Uniformity	0.043265306
wavelet-LLL	firstorder	Median	-1118.521272
wavelet-LLL	firstorder	Energy	52071712.44
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	260.763525
wavelet-LLL	firstorder	MeanAbsoluteDeviation	393.2657846
wavelet-LLL	firstorder	TotalEnergy	1405936236
wavelet-LLL	firstorder	Maximum	-102.2775494
wavelet-LLL	firstorder	RootMeanSquared	1219.738994
wavelet-LLL	firstorder	90Percentile	-405.3981567
wavelet-LLL	firstorder	Minimum	-2021.180044
wavelet-LLL	firstorder	Entropy	4.686146588
wavelet-LLL	firstorder	Range	1918.902495



wavelet-LLL	firstorder	Variance	243904.7307
wavelet-LLL	firstorder	10Percentile	-1737.295322
wavelet-LLL	firstorder	Kurtosis	2.44447982
wavelet-LLL	firstorder	Mean	-1115.284036
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.032648476
wavelet-LLL	glrlm	GrayLevelVariance	392.4073248
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.032654891
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.042996203
wavelet-LLL	glrlm	RunVariance	0.006587703
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.495151907
wavelet-LLL	glrlm	LongRunEmphasis	1.020361991
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1741.860537
wavelet-LLL	glrlm	RunLengthNonUniformity	34.32126697
wavelet-LLL	glrlm	ShortRunEmphasis	0.994909502
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1778.529089
wavelet-LLL	glrlm	RunPercentage	0.993406593
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.03268055
wavelet-LLL	glrlm	RunEntropy	4.69952828
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1749.194247
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.986824594
wavelet-LLL	glszm	GrayLevelVariance	413.7724609
wavelet-LLL	glszm	ZoneVariance	0.084960938
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.0390625
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.830078125
wavelet-LLL	glszm	SizeZoneNonUniformity	26.5625
wavelet-LLL	glszm	GrayLevelNonUniformity	1.25
wavelet-LLL	glszm	LargeAreaEmphasis	1.28125
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1674.546875
wavelet-LLL	glszm	ZonePercentage	0.914285714
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.035721072
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2181.03125
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1775.84375
wavelet-LLL	glszm	SmallAreaEmphasis	0.9296875
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.035366656
wavelet-LLL	glszm	ZoneEntropy	4.875
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.035278052
wavelet-LLL	ngtdm	Coarseness	0.044253016
wavelet-LLL	ngtdm	Complexity	12982.4594
wavelet-LLL	ngtdm	Strength	80.95550959
wavelet-LLL	ngtdm	Contrast	17.24181977
wavelet-LLL	ngtdm	Busyness	0.031258658
wavelet-HHL	gldm	GrayLevelVariance	11.1477551
wavelet-HHL	gldm	HighGrayLevelEmphasis	85.6
wavelet-HHL	gldm	DependenceEntropy	4.093149802
wavelet-HHL	gldm	DependenceNonUniformity	10.08571429
wavelet-HHL	gldm	GrayLevelNonUniformity	3.857142857
wavelet-HHL	gldm	SmallDependenceEmphasis	0.457936508
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	42.96269841
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.288163265
wavelet-HHL	gldm	LargeDependenceEmphasis	5.342857143
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.120784004
wavelet-HHL	gldm	DependenceVariance	0.992653061
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	405.3714286
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.038626452
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.047983723
wavelet-HHL	glcm	JointAverage	8.519595314
wavelet-HHL	glcm	SumAverage	17.03919063
wavelet-HHL	glcm	JointEntropy	4.739521393

wavelet-HHL	glcm	ClusterShade	-4.437872855
wavelet-HHL	glcm	MaximumProbability	0.073713972
wavelet-HHL	glcm	Idmn	0.913326057
wavelet-HHL	glcm	JointEnergy	0.040179205
wavelet-HHL	glcm	Contrast	24.35902239
wavelet-HHL	glcm	DifferenceEntropy	2.734668163
wavelet-HHL	glcm	InverseVariance	0.178489215
wavelet-HHL	glcm	DifferenceVariance	7.882360428
wavelet-HHL	glcm	Idn	0.805111701
wavelet-HHL	glcm	Idm	0.199491818
wavelet-HHL	glcm	Correlation	0.028021494
wavelet-HHL	glcm	Autocorrelation	73.25087601
wavelet-HHL	glcm	SumEntropy	3.33128914
wavelet-HHL	glcm	SumSquares	12.73949956
wavelet-HHL	glcm	ClusterProminence	1605.970001
wavelet-HHL	glcm	Imc2	0.990368327
wavelet-HHL	glcm	Imc1	-0.595463444
wavelet-HHL	glcm	DifferenceAverage	4.028870718
wavelet-HHL	glcm	Id	0.301564689
wavelet-HHL	glcm	ClusterTendency	26.59897584
wavelet-HHL	firstorder	InterquartileRange	116.4191328
wavelet-HHL	firstorder	Skewness	0.118053596
wavelet-HHL	firstorder	Uniformity	0.110204082
wavelet-HHL	firstorder	Median	-11.9503819
wavelet-HHL	firstorder	Energy	252205.7134
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	45.91076983
wavelet-HHL	firstorder	MeanAbsoluteDeviation	68.49076594
wavelet-HHL	firstorder	TotalEnergy	6809554.261
wavelet-HHL	firstorder	Maximum	170.8669355
wavelet-HHL	firstorder	RootMeanSquared	84.88744033
wavelet-HHL	firstorder	90Percentile	131.7787057
wavelet-HHL	firstorder	Minimum	-196.0482276
wavelet-HHL	firstorder	Entropy	3.414539805
wavelet-HHL	firstorder	Range	366.915163
wavelet-HHL	firstorder	Variance	7200.991019
wavelet-HHL	firstorder	10Percentile	-87.97057898
wavelet-HHL	firstorder	Kurtosis	2.671492678
wavelet-HHL	firstorder	Mean	2.210544357
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.048846055
wavelet-HHL	glrlm	GrayLevelVariance	11.45903079
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.049410327
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.107874916
wavelet-HHL	glrlm	RunVariance	0.046173458
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.621486941
wavelet-HHL	glrlm	LongRunEmphasis	1.143169627
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	83.58442425
wavelet-HHL	glrlm	RunLengthNonUniformity	31.02631528
wavelet-HHL	glrlm	ShortRunEmphasis	0.966964693
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	96.78240873
wavelet-HHL	glrlm	RunPercentage	0.958241758
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.051839737
wavelet-HHL	glrlm	RunEntropy	3.550822333
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	86.08285765
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.921100614
wavelet-HHL	glszm	GrayLevelVariance	15.91
wavelet-HHL	glszm	ZoneVariance	1.5875
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.09
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.43

wavelet-HHL	glszm	SizeZoneNonUniformity	8.6
wavelet-HHL	glszm	GrayLevelNonUniformity	1.8
wavelet-HHL	glszm	LargeAreaEmphasis	4.65
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	64.50138889
wavelet-HHL	glszm	ZonePercentage	0.571428571
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.130764735
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	363.8
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	91.6
wavelet-HHL	glszm	SmallAreaEmphasis	0.672569444
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.071276295
wavelet-HHL	glszm	ZoneEntropy	3.78418372
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.065430033
wavelet-HHL	ngtdm	Coarseness	0.149935971
wavelet-HHL	ngtdm	Complexity	169.3802833
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wavelet-HHL	ngtdm	Busyness	0.073964822
wavelet-HLH	gldm	GrayLevelVariance	17.41714286
wavelet-HLH	gldm	HighGrayLevelEmphasis	121.4571429
wavelet-HLH	gldm	DependenceEntropy	4.307714803
wavelet-HLH	gldm	DependenceNonUniformity	11.57142857
wavelet-HLH	gldm	GrayLevelNonUniformity	3.342857143
wavelet-HLH	gldm	SmallDependenceEmphasis	0.569047619
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	88.0859127
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.330612245
wavelet-HLH	gldm	LargeDependenceEmphasis	4.771428571
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.166874582
wavelet-HLH	gldm	DependenceVariance	1.106938776
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	359.6285714
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.033746323
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.045013939
wavelet-HLH	glcm	JointAverage	9.499818414
wavelet-HLH	glcm	SumAverage	18.99963683
wavelet-HLH	glcm	JointEntropy	4.752652415
wavelet-HLH	glcm	ClusterShade	25.94938424
wavelet-HLH	glcm	MaximumProbability	0.067007411
wavelet-HLH	glcm	Idmn	0.905856455
wavelet-HLH	glcm	JointEnergy	0.039895799
wavelet-HLH	glcm	Contrast	38.6046308
wavelet-HLH	glcm	DifferenceEntropy	2.870632968
wavelet-HLH	glcm	InverseVariance	0.156199526
wavelet-HLH	glcm	DifferenceVariance	10.52997897
wavelet-HLH	glcm	Idn	0.797765834
wavelet-HLH	glcm	Idm	0.170681281
wavelet-HLH	glcm	Correlation	-0.050748829
wavelet-HLH	glcm	Autocorrelation	89.69804898
wavelet-HLH	glcm	SumEntropy	3.353224293
wavelet-HLH	glcm	SumSquares	18.60758546
wavelet-HLH	glcm	ClusterProminence	3128.014522
wavelet-HLH	glcm	Imc2	0.992055687
wavelet-HLH	glcm	Imc1	-0.624605072
wavelet-HLH	glcm	DifferenceAverage	5.083027904
wavelet-HLH	glcm	Id	0.267245879
wavelet-HLH	glcm	ClusterTendency	35.82571105
wavelet-HLH	firstorder	InterquartileRange	182.8226867
wavelet-HLH	firstorder	Skewness	-0.296353029
wavelet-HLH	firstorder	Uniformity	0.095510204
wavelet-HLH	firstorder	Median	13.73102853

wavelet-HLH	firstorder	Energy	379584.7173
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	63.71033124
wavelet-HLH	firstorder	MeanAbsoluteDeviation	86.82182482
wavelet-HLH	firstorder	TotalEnergy	10248787.37
wavelet-HLH	firstorder	Maximum	186.9899884
wavelet-HLH	firstorder	RootMeanSquared	104.1406627
wavelet-HLH	firstorder	90Percentile	115.6717134
wavelet-HLH	firstorder	Minimum	-238.7229424
wavelet-HLH	firstorder	Entropy	3.565595704
wavelet-HLH	firstorder	Range	425.7129309
wavelet-HLH	firstorder	Variance	10799.79555
wavelet-HLH	firstorder	10Percentile	-152.7955954
wavelet-HLH	firstorder	Kurtosis	2.19067074
wavelet-HLH	firstorder	Mean	-6.744040546
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.044835794
wavelet-HLH	glrlm	GrayLevelVariance	17.37506532
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.045573983
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.094646149
wavelet-HLH	glrlm	RunVariance	0.044745419
wavelet-HLH	glrlm	GrayLevelNonUniformity	3.197762642
wavelet-HLH	glrlm	LongRunEmphasis	1.125011611
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	121.6690756
wavelet-HLH	glrlm	RunLengthNonUniformity	31.74985735
wavelet-HLH	glrlm	ShortRunEmphasis	0.974261296
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	131.5474186
wavelet-HLH	glrlm	RunPercentage	0.964835165
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.049522357
wavelet-HLH	glrlm	RunEntropy	3.657239984
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	123.5300488
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.937404223
wavelet-HLH	glszm	GrayLevelVariance	17.09640832
wavelet-HLH	glszm	ZoneVariance	1.032136106
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.092627599
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.580340265
wavelet-HLH	glszm	SizeZoneNonUniformity	13.34782609
wavelet-HLH	glszm	GrayLevelNonUniformity	2.130434783
wavelet-HLH	glszm	LargeAreaEmphasis	3.347826087
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	126.5244565
wavelet-HLH	glszm	ZonePercentage	0.657142857
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.122299574
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	307.8695652
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	145.8695652
wavelet-HLH	glszm	SmallAreaEmphasis	0.779891304
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.054452758
wavelet-HLH	glszm	ZoneEntropy	3.882045108
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.049541056
wavelet-HLH	ngtdm	Coarseness	0.088984603
wavelet-HLH	ngtdm	Complexity	329.9225504
wavelet-HLH	ngtdm	Strength	9.072070234
wavelet-HLH	ngtdm	Contrast	0.706702916
wavelet-HLH	ngtdm	Busyness	0.119117647

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	012a63fc37bb20a328fc38af422b
general	info	MaskHash	3b0f8cb714be
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	146
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original	shape	MinorAxis	18.11170014
original	shape	Elongation	0.725581461
original	shape	SurfaceVolumeRatio	0.364283343
original	shape	Volume	3942
original	shape	MajorAxis	24.96163576
original	shape	SurfaceArea	1436.004938
original	shape	Flatness	0.508139701
original	shape	LeastAxis	12.68399813
original	shape	Maximum2DDiameterColumn	17.49285568
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original	gldm	GrayLevelVariance	88.0597204
original	gldm	HighGrayLevelEmphasis	704.5273973
original	gldm	DependenceEntropy	5.809706669
original	gldm	DependenceNonUniformity	51.30136986
original	gldm	GrayLevelNonUniformity	6.808219178
original	gldm	SmallDependenceEmphasis	0.611085146
original	gldm	SmallDependenceHighGrayLevelEmphasis	357.3881157
original	gldm	DependenceNonUniformityNormalized	0.351379246
original	gldm	LargeDependenceEmphasis	8.095890411
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.024497505
original	gldm	DependenceVariance	3.29198724
original	gldm	LargeDependenceHighGrayLevelEmphasis	8419.19863
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.016349108
original	gldm	LowGrayLevelEmphasis	0.016989197
original	glcm	JointAverage	27.24852805
original	glcm	SumAverage	54.4970561
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original	glcm	ClusterShade	-1575.47478
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original	glcm	Contrast	119.7637672
original	glcm	DifferenceEntropy	4.257509826
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original	glcm	ldn	0.851423944
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original	glcm	Correlation	0.239551688
original	glcm	Autocorrelation	761.2447666
original	glcm	SumEntropy	5.117725659
original	glcm	SumSquares	78.41011331
original	glcm	ClusterProminence	106726.6511
original	glcm	lmc2	0.99431052
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original	glcm	DifferenceAverage	8.377760665
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original	glcm	ClusterTendency	193.876686
original	firstorder	InterquartileRange	375
original	firstorder	Skewness	-0.460730965
original	firstorder	Uniformity	0.046631638
original	firstorder	Median	-164
original	firstorder	Energy	13477546
original	firstorder	RobustMeanAbsoluteDeviation	156.7289064
original	firstorder	MeanAbsoluteDeviation	200.8669544
original	firstorder	TotalEnergy	363893742

original	firstorder	Maximum	255
original	firstorder	RootMeanSquared	303.8288316
original	firstorder	90Percentile	49
original	firstorder	Minimum	-799
original	firstorder	Entropy	4.826449432
original	firstorder	Range	1054
original	firstorder	Variance	55195.0334
original	firstorder	10Percentile	-505.5
original	firstorder	Kurtosis	2.318968375
original	firstorder	Mean	-192.6575342
original	glrlm	ShortRunLowGrayLevelEmphasis	0.017713879
original	glrlm	GrayLevelVariance	88.53134947
original	glrlm	LowGrayLevelRunEmphasis	0.017756776
original	glrlm	GrayLevelNonUniformityNormalized	0.042909603
original	glrlm	RunVariance	0.055881383
original	glrlm	GrayLevelNonUniformity	5.982332408
original	glrlm	LongRunEmphasis	1.156353371
original	glrlm	ShortRunHighGrayLevelEmphasis	653.5798925
original	glrlm	RunLengthNonUniformity	127.5311565
original	glrlm	ShortRunEmphasis	0.965671379
original	glrlm	LongRunHighGrayLevelEmphasis	850.9318816
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original	glrlm	LongRunLowGrayLevelEmphasis	0.017944968
original	glrlm	RunEntropy	5.032152344
original	glrlm	HighGrayLevelRunEmphasis	688.6816969
original	glrlm	RunLengthNonUniformityNormalized	0.914440807
original	glszm	GrayLevelVariance	91.0921491
original	glszm	ZoneVariance	3.943773428
original	glszm	GrayLevelNonUniformityNormalized	0.033111204
original	glszm	SizeZoneNonUniformityNormalized	0.682632237
original	glszm	SizeZoneNonUniformity	66.89795918
original	glszm	GrayLevelNonUniformity	3.244897959
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original	glszm	SmallAreaHighGrayLevelEmphasis	489.6835273
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.03010601
original	glszm	LargeAreaHighGrayLevelEmphasis	6166.255102
original	glszm	HighGrayLevelZoneEmphasis	591.8469388
original	glszm	SmallAreaEmphasis	0.850881834
original	glszm	LowGrayLevelZoneEmphasis	0.024567742
original	glszm	ZoneEntropy	5.519217534
original	glszm	SmallAreaLowGrayLevelEmphasis	0.024226564
original	ngtdm	Coarseness	0.027827392
original	ngtdm	Complexity	3636.498451
original	ngtdm	Strength	18.62495798
original	ngtdm	Contrast	0.783121307
original	ngtdm	Busyness	0.037584917
wavelet-HHH	gldm	GrayLevelVariance	5.181084631

wavelet-HHH	gldm	HighGrayLevelEmphasis	77.78082192
wavelet-HHH	gldm	DependenceEntropy	5.148775773
wavelet-HHH	gldm	DependenceNonUniformity	24.34246575
wavelet-HHH	gldm	GrayLevelNonUniformity	20.01369863
wavelet-HHH	gldm	SmallDependenceEmphasis	0.280269607
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	23.2904714
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.166729217
wavelet-HHH	gldm	LargeDependenceEmphasis	15.06849315
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.216371998
wavelet-HHH	gldm	DependenceVariance	3.804653781
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1196.643836
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012995358
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.02405016
wavelet-HHH	glcm	JointAverage	8.50314618
wavelet-HHH	glcm	SumAverage	17.00629236
wavelet-HHH	glcm	JointEntropy	5.665319152
wavelet-HHH	glcm	ClusterShade	-0.861731255
wavelet-HHH	glcm	MaximumProbability	0.057229651
wavelet-HHH	glcm	Idmn	0.965521013
wavelet-HHH	glcm	JointEnergy	0.025037248
wavelet-HHH	glcm	Contrast	9.957049096
wavelet-HHH	glcm	DifferenceEntropy	2.723417491
wavelet-HHH	glcm	InverseVariance	0.337405975
wavelet-HHH	glcm	DifferenceVariance	3.972496317
wavelet-HHH	glcm	Idn	0.877988523
wavelet-HHH	glcm	Idm	0.336348293
wavelet-HHH	glcm	Correlation	-0.019981576
wavelet-HHH	glcm	Autocorrelation	72.23885545
wavelet-HHH	glcm	SumEntropy	3.497374285
wavelet-HHH	glcm	SumSquares	4.905310093
wavelet-HHH	glcm	ClusterProminence	346.3113896
wavelet-HHH	glcm	Imc2	0.799929654
wavelet-HHH	glcm	Imc1	-0.16699594
wavelet-HHH	glcm	DifferenceAverage	2.423322479
wavelet-HHH	glcm	Id	0.416893354
wavelet-HHH	glcm	ClusterTendency	9.664191278
wavelet-HHH	firstorder	InterquartileRange	67.2466684
wavelet-HHH	firstorder	Skewness	0.112342681
wavelet-HHH	firstorder	Uniformity	0.137080128
wavelet-HHH	firstorder	Median	4.107656983
wavelet-HHH	firstorder	Energy	476333.707
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	28.11470771
wavelet-HHH	firstorder	MeanAbsoluteDeviation	43.14226777
wavelet-HHH	firstorder	TotalEnergy	12861010.09
wavelet-HHH	firstorder	Maximum	199.9418729



wavelet-HHH	firstorder	RootMeanSquared	57.11882034
wavelet-HHH	firstorder	90Percentile	66.88404289
wavelet-HHH	firstorder	Minimum	-184.5360553
wavelet-HHH	firstorder	Entropy	3.12864299
wavelet-HHH	firstorder	Range	384.4779282
wavelet-HHH	firstorder	Variance	3262.557492
wavelet-HHH	firstorder	10Percentile	-70.32704118
wavelet-HHH	firstorder	Kurtosis	4.354739232
wavelet-HHH	firstorder	Mean	0.046316213
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.024057532
wavelet-HHH	grlm	GrayLevelVariance	5.521711569
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.025041877
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.131849979
wavelet-HHH	grlm	RunVariance	0.116563174
wavelet-HHH	grlm	GrayLevelNonUniformity	17.51175869
wavelet-HHH	grlm	LongRunEmphasis	1.331752776
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	72.31629168
wavelet-HHH	grlm	RunLengthNonUniformity	111.4555942
wavelet-HHH	grlm	ShortRunEmphasis	0.931014319
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	103.6784871
wavelet-HHH	grlm	RunPercentage	0.909378293
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.029771258
wavelet-HHH	grlm	RunEntropy	3.562600677
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	77.72858934
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.836987833
wavelet-HHH	glszm	GrayLevelVariance	11.9653867
wavelet-HHH	glszm	ZoneVariance	34.89021092
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.100054083
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.445105462
wavelet-HHH	glszm	SizeZoneNonUniformity	19.13953488
wavelet-HHH	glszm	GrayLevelNonUniformity	4.302325581
wavelet-HHH	glszm	LargeAreaEmphasis	46.41860465
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	59.77544182
wavelet-HHH	glszm	ZonePercentage	0.294520548
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.636465104
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3818.55814
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	78.97674419
wavelet-HHH	glszm	SmallAreaEmphasis	0.684302413
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.045894516
wavelet-HHH	glszm	ZoneEntropy	4.443365627
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.039623421
wavelet-HHH	ngtdm	Coarseness	0.038105931
wavelet-HHH	ngtdm	Complexity	143.7568782
wavelet-HHH	ngtdm	Strength	2.464287543
wavelet-HHH	ngtdm	Contrast	0.103822936
wavelet-HHH	ngtdm	Busyness	0.200682203
wavelet-HLL	gldm	GrayLevelVariance	95.89904297
wavelet-HLL	gldm	HighGrayLevelEmphasis	678.4931507

wavelet-HLL	gldm	DependenceEntropy	5.788670963
wavelet-HLL	gldm	DependenceNonUniformity	67.47945205
wavelet-HLL	gldm	GrayLevelNonUniformity	5.273972603
wavelet-HLL	gldm	SmallDependenceEmphasis	0.683837519
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	512.6075438
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.462188028
wavelet-HLL	gldm	LargeDependenceEmphasis	2.863013699
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.015243946
wavelet-HLL	gldm	DependenceVariance	0.550947645
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1571.739726
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00871644
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009706288
wavelet-HLL	glcm	JointAverage	23.37596148
wavelet-HLL	glcm	SumAverage	46.75192296
wavelet-HLL	glcm	JointEntropy	7.212428158
wavelet-HLL	glcm	ClusterShade	2802.416213
wavelet-HLL	glcm	MaximumProbability	0.016958317
wavelet-HLL	glcm	ldmn	0.958932582
wavelet-HLL	glcm	JointEnergy	0.007366043
wavelet-HLL	glcm	Contrast	109.2533647
wavelet-HLL	glcm	DifferenceEntropy	4.063074187
wavelet-HLL	glcm	InverseVariance	0.14219219
wavelet-HLL	glcm	DifferenceVariance	38.23500772
wavelet-HLL	glcm	ldn	0.867231893
wavelet-HLL	glcm	ldm	0.117043518
wavelet-HLL	glcm	Correlation	0.370989751
wavelet-HLL	glcm	Autocorrelation	581.7874734
wavelet-HLL	glcm	SumEntropy	5.168773968
wavelet-HLL	glcm	SumSquares	89.71815261
wavelet-HLL	glcm	ClusterProminence	185496.7714
wavelet-HLL	glcm	lmc2	0.997595738
wavelet-HLL	glcm	lmc1	-0.545008499
wavelet-HLL	glcm	DifferenceAverage	8.050885789
wavelet-HLL	glcm	ld	0.203719732
wavelet-HLL	glcm	ClusterTendency	249.6192457
wavelet-HLL	firstorder	InterquartileRange	367.9579985
wavelet-HLL	firstorder	Skewness	0.495958344
wavelet-HLL	firstorder	Uniformity	0.0361231
wavelet-HLL	firstorder	Median	-101.7736496
wavelet-HLL	firstorder	Energy	9264924.376
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	142.2382921
wavelet-HLL	firstorder	MeanAbsoluteDeviation	200.1996404
wavelet-HLL	firstorder	TotalEnergy	250152958.1
wavelet-HLL	firstorder	Maximum	546.365329
wavelet-HLL	firstorder	RootMeanSquared	251.90948

wavelet-HLL	firstorder	90Percentile	314.6322854
wavelet-HLL	firstorder	Minimum	-630.0414801
wavelet-HLL	firstorder	Entropy	5.059531173
wavelet-HLL	firstorder	Range	1176.406809
wavelet-HLL	firstorder	Variance	59961.98969
wavelet-HLL	firstorder	10Percentile	-335.76316
wavelet-HLL	firstorder	Kurtosis	2.574549333
wavelet-HLL	firstorder	Mean	-59.13033435
wavelet-HLL	gllm	ShortRunLowGrayLevelEmphasis	0.009797721
wavelet-HLL	gllm	GrayLevelVariance	96.75938075
wavelet-HLL	gllm	LowGrayLevelRunEmphasis	0.009844756
wavelet-HLL	gllm	GrayLevelNonUniformityNormalized	0.035715663
wavelet-HLL	gllm	RunVariance	0.019984323
wavelet-HLL	gllm	GrayLevelNonUniformity	5.110781872
wavelet-HLL	gllm	LongRunEmphasis	1.062180588
wavelet-HLL	gllm	ShortRunHighGrayLevelEmphasis	674.4368201
wavelet-HLL	gllm	RunLengthNonUniformity	137.4368593
wavelet-HLL	gllm	ShortRunEmphasis	0.984454853
wavelet-HLL	gllm	LongRunHighGrayLevelEmphasis	713.2640309
wavelet-HLL	gllm	RunPercentage	0.979978925
wavelet-HLL	gllm	LongRunLowGrayLevelEmphasis	0.010032895
wavelet-HLL	gllm	RunEntropy	5.148173719
wavelet-HLL	gllm	HighGrayLevelRunEmphasis	682.2022622
wavelet-HLL	gllm	RunLengthNonUniformityNormalized	0.960031354
wavelet-HLL	glszm	GrayLevelVariance	107.3963152
wavelet-HLL	glszm	ZoneVariance	0.720396072
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.031734437
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.647268891
wavelet-HLL	glszm	SizeZoneNonUniformity	71.84684685
wavelet-HLL	glszm	GrayLevelNonUniformity	3.522522523
wavelet-HLL	glszm	LargeAreaEmphasis	2.45045045
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	638.3842123
wavelet-HLL	glszm	ZonePercentage	0.760273973
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.016088506
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1398.27027
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	732.8468468
wavelet-HLL	glszm	SmallAreaEmphasis	0.831096722
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.011794105
wavelet-HLL	glszm	ZoneEntropy	5.710598186
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011248894
wavelet-HLL	ngtdm	Coarseness	0.044983114
wavelet-HLL	ngtdm	Complexity	3740.012416
wavelet-HLL	ngtdm	Strength	28.70543692
wavelet-HLL	ngtdm	Contrast	0.572915532
wavelet-HLL	ngtdm	Busyness	0.028275276
wavelet-LHL	gldm	GrayLevelVariance	22.80765622
wavelet-LHL	gldm	HighGrayLevelEmphasis	173.7945205
wavelet-LHL	gldm	DependenceEntropy	5.653406538

wavelet-LHL	gldm	DependenceNonUniformity	37.26027397
wavelet-LHL	gldm	GrayLevelNonUniformity	9.246575342
wavelet-LHL	gldm	SmallDependenceEmphasis	0.458452187
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	89.4406423
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.255207356
wavelet-LHL	gldm	LargeDependenceEmphasis	6.767123288
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.077458624
wavelet-LHL	gldm	DependenceVariance	1.59617189
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1030.931507
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017572695
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.02285114
wavelet-LHL	glcm	JointAverage	11.97947175
wavelet-LHL	glcm	SumAverage	23.9589435
wavelet-LHL	glcm	JointEntropy	6.833392357
wavelet-LHL	glcm	ClusterShade	80.22096456
wavelet-LHL	glcm	MaximumProbability	0.02484537
wavelet-LHL	glcm	Idmn	0.959346076
wavelet-LHL	glcm	JointEnergy	0.010194571
wavelet-LHL	glcm	Contrast	29.10368261
wavelet-LHL	glcm	DifferenceEntropy	3.353193237
wavelet-LHL	glcm	InverseVariance	0.219982788
wavelet-LHL	glcm	DifferenceVariance	10.51743329
wavelet-LHL	glcm	Idn	0.866735886
wavelet-LHL	glcm	Idm	0.209594246
wavelet-LHL	glcm	Correlation	0.294687651
wavelet-LHL	glcm	Autocorrelation	149.6320365
wavelet-LHL	glcm	SumEntropy	4.602180429
wavelet-LHL	glcm	SumSquares	20.65457951
wavelet-LHL	glcm	ClusterProminence	8482.354458
wavelet-LHL	glcm	Imc2	0.968317006
wavelet-LHL	glcm	Imc1	-0.343177921
wavelet-LHL	glcm	DifferenceAverage	4.196580023
wavelet-LHL	glcm	Id	0.304592395
wavelet-LHL	glcm	ClusterTendency	53.51463543
wavelet-LHL	firstorder	InterquartileRange	151.8023572
wavelet-LHL	firstorder	Skewness	0.024954796
wavelet-LHL	firstorder	Uniformity	0.063332708
wavelet-LHL	firstorder	Median	-52.6985747
wavelet-LHL	firstorder	Energy	2526310.38
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	65.48147363
wavelet-LHL	firstorder	MeanAbsoluteDeviation	94.82834568
wavelet-LHL	firstorder	TotalEnergy	68210380.27
wavelet-LHL	firstorder	Maximum	271.1098669
wavelet-LHL	firstorder	RootMeanSquared	131.5427526
wavelet-LHL	firstorder	90Percentile	98.20988172

wavelet-LHL	firstorder	Minimum	-346.5813042
wavelet-LHL	firstorder	Entropy	4.205309541
wavelet-LHL	firstorder	Range	617.6911711
wavelet-LHL	firstorder	Variance	14223.14975
wavelet-LHL	firstorder	10Percentile	-215.2944703
wavelet-LHL	firstorder	Kurtosis	2.813354001
wavelet-LHL	firstorder	Mean	-55.5008649
wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.023162889
wavelet-LHL	grlm	GrayLevelVariance	23.45241252
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.023538765
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.062013332
wavelet-LHL	grlm	RunVariance	0.048784588
wavelet-LHL	grlm	GrayLevelNonUniformity	8.611454586
wavelet-LHL	grlm	LongRunEmphasis	1.156070009
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	169.0554495
wavelet-LHL	grlm	RunLengthNonUniformity	125.4215834
wavelet-LHL	grlm	ShortRunEmphasis	0.960982498
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	198.5849677
wavelet-LHL	grlm	RunPercentage	0.951001054
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.025042267
wavelet-LHL	grlm	RunEntropy	4.432620123
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	174.9613531
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.902430824
wavelet-LHL	glszm	GrayLevelVariance	33.2744139
wavelet-LHL	glszm	ZoneVariance	4.378815989
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.051104739
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.500084331
wavelet-LHL	glszm	SizeZoneNonUniformity	38.50649351
wavelet-LHL	glszm	GrayLevelNonUniformity	3.935064935
wavelet-LHL	glszm	LargeAreaEmphasis	7.974025974
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	148.4791682
wavelet-LHL	glszm	ZonePercentage	0.52739726
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.100099804
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1165.584416
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	194.5974026
wavelet-LHL	glszm	SmallAreaEmphasis	0.730373697
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.034463523
wavelet-LHL	glszm	ZoneEntropy	5.251994781
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.031912949
wavelet-LHL	ngtdm	Coarseness	0.051735266
wavelet-LHL	ngtdm	Complexity	580.8973715
wavelet-LHL	ngtdm	Strength	8.515001808
wavelet-LHL	ngtdm	Contrast	0.229045427
wavelet-LHL	ngtdm	Busyness	0.074990952
wavelet-LHH	gldm	GrayLevelVariance	15.54625633
wavelet-LHH	gldm	HighGrayLevelEmphasis	116.369863
wavelet-LHH	gldm	DependenceEntropy	5.449965232
wavelet-LHH	gldm	DependenceNonUniformity	35.5890411

wavelet-LHH	gldm	GrayLevelNonUniformity	11.28767123
wavelet-LHH	gldm	SmallDependenceEmphasis	0.409202816
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	55.0422793
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.243760555
wavelet-LHH	gldm	LargeDependenceEmphasis	7.178082192
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.12292472
wavelet-LHH	gldm	DependenceVariance	1.496716082
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	664.9315068
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01716033
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.025696277
wavelet-LHH	glcm	JointAverage	9.959783768
wavelet-LHH	glcm	SumAverage	19.91956754
wavelet-LHH	glcm	JointEntropy	6.65816433
wavelet-LHH	glcm	ClusterShade	32.67520088
wavelet-LHH	glcm	MaximumProbability	0.028480671
wavelet-LHH	glcm	ldmn	0.944506708
wavelet-LHH	glcm	JointEnergy	0.011474882
wavelet-LHH	glcm	Contrast	31.9576078
wavelet-LHH	glcm	DifferenceEntropy	3.449483979
wavelet-LHH	glcm	InverseVariance	0.217067874
wavelet-LHH	glcm	DifferenceVariance	11.96441861
wavelet-LHH	glcm	ldn	0.847546577
wavelet-LHH	glcm	ldm	0.215179721
wavelet-LHH	glcm	Correlation	-0.053186623
wavelet-LHH	glcm	Autocorrelation	98.4928506
wavelet-LHH	glcm	SumEntropy	4.205257832
wavelet-LHH	glcm	SumSquares	15.23988416
wavelet-LHH	glcm	ClusterProminence	2687.239671
wavelet-LHH	glcm	lmc2	0.93475918
wavelet-LHH	glcm	lmc1	-0.272475156
wavelet-LHH	glcm	DifferenceAverage	4.390203059
wavelet-LHH	glcm	ld	0.306524963
wavelet-LHH	glcm	ClusterTendency	29.00192883
wavelet-LHH	firstorder	InterquartileRange	141.2740686
wavelet-LHH	firstorder	Skewness	0.30894289
wavelet-LHH	firstorder	Uniformity	0.077312817
wavelet-LHH	firstorder	Median	7.954666942
wavelet-LHH	firstorder	Energy	1447479.367
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	55.24919172
wavelet-LHH	firstorder	MeanAbsoluteDeviation	79.17439912
wavelet-LHH	firstorder	TotalEnergy	39081942.92
wavelet-LHH	firstorder	Maximum	305.0790607
wavelet-LHH	firstorder	RootMeanSquared	99.57028795
wavelet-LHH	firstorder	90Percentile	132.1755471
wavelet-LHH	firstorder	Minimum	-221.8083613

wavelet-LHH	firstorder	Entropy	3.908597228
wavelet-LHH	firstorder	Range	526.887422
wavelet-LHH	firstorder	Variance	9734.349034
wavelet-LHH	firstorder	10Percentile	-101.3113933
wavelet-LHH	firstorder	Kurtosis	2.976557229
wavelet-LHH	firstorder	Mean	13.41242737
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025666429
wavelet-LHH	glrlm	GrayLevelVariance	15.92457949
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.026289065
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.076153619
wavelet-LHH	glrlm	RunVariance	0.057438275
wavelet-LHH	glrlm	GrayLevelNonUniformity	10.52761724
wavelet-LHH	glrlm	LongRunEmphasis	1.173959142
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	113.7084694
wavelet-LHH	glrlm	RunLengthNonUniformity	124.1814859
wavelet-LHH	glrlm	ShortRunEmphasis	0.958979346
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	133.8881601
wavelet-LHH	glrlm	RunPercentage	0.946786091
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.02893777
wavelet-LHH	glrlm	RunEntropy	4.158223209
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	117.6171174
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.897823268
wavelet-LHH	glszm	GrayLevelVariance	22.24816327
wavelet-LHH	glszm	ZoneVariance	4.564081633
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.064081633
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.444081633
wavelet-LHH	glszm	SizeZoneNonUniformity	31.08571429
wavelet-LHH	glszm	GrayLevelNonUniformity	4.485714286
wavelet-LHH	glszm	LargeAreaEmphasis	8.914285714
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	96.58459396
wavelet-LHH	glszm	ZonePercentage	0.479452055
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.147797132
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	892.7714286
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	133.4
wavelet-LHH	glszm	SmallAreaEmphasis	0.686543856
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.037855022
wavelet-LHH	glszm	ZoneEntropy	5.010158782
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.033452177
wavelet-LHH	ngtdm	Coarseness	0.035833569
wavelet-LHH	ngtdm	Complexity	499.377535
wavelet-LHH	ngtdm	Strength	4.502081152
wavelet-LHH	ngtdm	Contrast	0.267567777
wavelet-LHH	ngtdm	Busyness	0.160788945
wavelet-LLH	gldm	GrayLevelVariance	151.7277632
wavelet-LLH	gldm	HighGrayLevelEmphasis	656.130137
wavelet-LLH	gldm	DependenceEntropy	6.033194275
wavelet-LLH	gldm	DependenceNonUniformity	58.2739726
wavelet-LLH	gldm	GrayLevelNonUniformity	4.876712329

wavelet-LLH	gldm	SmallDependenceEmphasis	0.645882801
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	492.5994787
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.399136799
wavelet-LLH	gldm	LargeDependenceEmphasis	4.068493151
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.030125575
wavelet-LLH	gldm	DependenceVariance	1.089322575
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1797.678082
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009757365
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012329675
wavelet-LLH	glcm	JointAverage	21.19563076
wavelet-LLH	glcm	SumAverage	42.39126152
wavelet-LLH	glcm	JointEntropy	7.288871855
wavelet-LLH	glcm	ClusterShade	6433.228402
wavelet-LLH	glcm	MaximumProbability	0.016160177
wavelet-LLH	glcm	Idmn	0.951529535
wavelet-LLH	glcm	JointEnergy	0.006851259
wavelet-LLH	glcm	Contrast	196.2637505
wavelet-LLH	glcm	DifferenceEntropy	4.426994879
wavelet-LLH	glcm	InverseVariance	0.118078394
wavelet-LLH	glcm	DifferenceVariance	80.41510966
wavelet-LLH	glcm	Idn	0.862929196
wavelet-LLH	glcm	Idm	0.116177205
wavelet-LLH	glcm	Correlation	0.302185167
wavelet-LLH	glcm	Autocorrelation	494.1516462
wavelet-LLH	glcm	SumEntropy	5.43724152
wavelet-LLH	glcm	SumSquares	142.837445
wavelet-LLH	glcm	ClusterProminence	467033.0795
wavelet-LLH	glcm	Imc2	0.998065337
wavelet-LLH	glcm	Imc1	-0.554407742
wavelet-LLH	glcm	DifferenceAverage	10.34405643
wavelet-LLH	glcm	Id	0.196004873
wavelet-LLH	glcm	ClusterTendency	375.0860294
wavelet-LLH	firstorder	InterquartileRange	466.1587693
wavelet-LLH	firstorder	Skewness	0.735928123
wavelet-LLH	firstorder	Uniformity	0.033402139
wavelet-LLH	firstorder	Median	-137.4754163
wavelet-LLH	firstorder	Energy	14188826.17
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	184.0545763
wavelet-LLH	firstorder	MeanAbsoluteDeviation	254.0269821
wavelet-LLH	firstorder	TotalEnergy	383098306.7
wavelet-LLH	firstorder	Maximum	833.4232508
wavelet-LLH	firstorder	RootMeanSquared	311.7430688
wavelet-LLH	firstorder	90Percentile	374.4484379
wavelet-LLH	firstorder	Minimum	-592.1800999
wavelet-LLH	firstorder	Entropy	5.176250696



wavelet-LLH	firstorder	Range	1425.603351
wavelet-LLH	firstorder	Variance	94601.5074
wavelet-LLH	firstorder	10Percentile	-380.6154556
wavelet-LLH	firstorder	Kurtosis	2.806007979
wavelet-LLH	firstorder	Mean	-50.81568175
wavelet-LLH	gllrm	ShortRunLowGrayLevelEmphasis	0.012364655
wavelet-LLH	gllrm	GrayLevelVariance	153.2147937
wavelet-LLH	gllrm	LowGrayLevelRunEmphasis	0.012502415
wavelet-LLH	gllrm	GrayLevelNonUniformityNormalized	0.032701544
wavelet-LLH	gllrm	RunVariance	0.029001117
wavelet-LLH	gllrm	GrayLevelNonUniformity	4.642158698
wavelet-LLH	gllrm	LongRunEmphasis	1.088164499
wavelet-LLH	gllrm	ShortRunHighGrayLevelEmphasis	654.9129421
wavelet-LLH	gllrm	RunLengthNonUniformity	134.2099268
wavelet-LLH	gllrm	ShortRunEmphasis	0.978587332
wavelet-LLH	gllrm	LongRunHighGrayLevelEmphasis	698.8615909
wavelet-LLH	gllrm	RunPercentage	0.972075869
wavelet-LLH	gllrm	LongRunLowGrayLevelEmphasis	0.01306042
wavelet-LLH	gllrm	RunEntropy	5.291925349
wavelet-LLH	gllrm	HighGrayLevelRunEmphasis	663.5211737
wavelet-LLH	gllrm	RunLengthNonUniformityNormalized	0.94516685
wavelet-LLH	glszm	GrayLevelVariance	161.8590976
wavelet-LLH	glszm	ZoneVariance	1.009985207
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.02829142
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.650517751
wavelet-LLH	glszm	SizeZoneNonUniformity	67.65384615
wavelet-LLH	glszm	GrayLevelNonUniformity	2.942307692
wavelet-LLH	glszm	LargeAreaEmphasis	2.980769231
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	656.161938
wavelet-LLH	glszm	ZonePercentage	0.712328767
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.027767545
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1438.778846
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	751.7884615
wavelet-LLH	glszm	SmallAreaEmphasis	0.830791852
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.014403433
wavelet-LLH	glszm	ZoneEntropy	5.753290743
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.013084117
wavelet-LLH	ngtdm	Coarseness	0.036795613
wavelet-LLH	ngtdm	Complexity	6064.642436
wavelet-LLH	ngtdm	Strength	36.90762095
wavelet-LLH	ngtdm	Contrast	0.979335565
wavelet-LLH	ngtdm	Busyness	0.037362892
wavelet-LLL	gldm	GrayLevelVariance	612.179818
wavelet-LLL	gldm	HighGrayLevelEmphasis	3470.034247
wavelet-LLL	gldm	DependenceEntropy	6.102194507
wavelet-LLL	gldm	DependenceNonUniformity	84.56164384
wavelet-LLL	gldm	GrayLevelNonUniformity	2.863013699
wavelet-LLL	gldm	SmallDependenceEmphasis	0.784627093

wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2266.659817
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.579189341
wavelet-LLL	gldm	LargeDependenceEmphasis	2.01369863
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008345988
wavelet-LLL	gldm	DependenceVariance	0.284293488
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	9511.294521
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008023617
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008082886
wavelet-LLL	glcm	JointAverage	61.01338369
wavelet-LLL	glcm	SumAverage	122.0267674
wavelet-LLL	glcm	JointEntropy	7.460530811
wavelet-LLL	glcm	ClusterShade	-5522.989702
wavelet-LLL	glcm	MaximumProbability	0.010533976
wavelet-LLL	glcm	ldmn	0.930501361
wavelet-LLL	glcm	JointEnergy	0.005838935
wavelet-LLL	glcm	Contrast	854.9360486
wavelet-LLL	glcm	DifferenceEntropy	5.226096756
wavelet-LLL	glcm	InverseVariance	0.037526245
wavelet-LLL	glcm	DifferenceVariance	268.9021489
wavelet-LLL	glcm	ldn	0.824690841
wavelet-LLL	glcm	ldm	0.044055973
wavelet-LLL	glcm	Correlation	0.309619086
wavelet-LLL	glcm	Autocorrelation	3909.123575
wavelet-LLL	glcm	SumEntropy	5.990608157
wavelet-LLL	glcm	SumSquares	611.7504452
wavelet-LLL	glcm	ClusterProminence	5693506.094
wavelet-LLL	glcm	lmc2	0.999819371
wavelet-LLL	glcm	lmc1	-0.696495358
wavelet-LLL	glcm	DifferenceAverage	23.65472088
wavelet-LLL	glcm	ld	0.097725578
wavelet-LLL	glcm	ClusterTendency	1592.065732
wavelet-LLL	firstorder	InterquartileRange	935.3270028
wavelet-LLL	firstorder	Skewness	0.144827562
wavelet-LLL	firstorder	Uniformity	0.019609683
wavelet-LLL	firstorder	Median	-777.2651622
wavelet-LLL	firstorder	Energy	122561137.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	411.8451339
wavelet-LLL	firstorder	MeanAbsoluteDeviation	533.4582441
wavelet-LLL	firstorder	TotalEnergy	3309150716
wavelet-LLL	firstorder	Maximum	519.8164481
wavelet-LLL	firstorder	RootMeanSquared	916.2204139
wavelet-LLL	firstorder	90Percentile	179.8833145
wavelet-LLL	firstorder	Minimum	-1983.842955
wavelet-LLL	firstorder	Entropy	5.843642412
wavelet-LLL	firstorder	Range	2503.659404

wavelet-LLL	firstorder	Variance	382202.0283
wavelet-LLL	firstorder	10Percentile	-1409.284018
wavelet-LLL	firstorder	Kurtosis	2.04052851
wavelet-LLL	firstorder	Mean	-676.2084136
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008176906
wavelet-LLL	glrlm	GrayLevelVariance	609.1153636
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00817937
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.019592111
wavelet-LLL	glrlm	RunVariance	0.012112716
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.825853855
wavelet-LLL	glrlm	LongRunEmphasis	1.037029924
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3387.593621
wavelet-LLL	glrlm	RunLengthNonUniformity	140.7580921
wavelet-LLL	glrlm	ShortRunEmphasis	0.990742519
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3656.034321
wavelet-LLL	glrlm	RunPercentage	0.987881981
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008189227
wavelet-LLL	glrlm	RunEntropy	5.869045253
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3441.281761
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.975774568
wavelet-LLL	glszm	GrayLevelVariance	567.4575312
wavelet-LLL	glszm	ZoneVariance	0.194328824
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019380853
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.734261186
wavelet-LLL	glszm	SizeZoneNonUniformity	91.0483871
wavelet-LLL	glszm	GrayLevelNonUniformity	2.403225806
wavelet-LLL	glszm	LargeAreaEmphasis	1.580645161
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2440.412186
wavelet-LLL	glszm	ZonePercentage	0.849315068
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009624362
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	6425.685484
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3086.040323
wavelet-LLL	glszm	SmallAreaEmphasis	0.88172043
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.009468454
wavelet-LLL	glszm	ZoneEntropy	6.034526149
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009435272
wavelet-LLL	ngtdm	Coarseness	0.024267416
wavelet-LLL	ngtdm	Complexity	35828.07497
wavelet-LLL	ngtdm	Strength	78.40611292
wavelet-LLL	ngtdm	Contrast	4.45868038
wavelet-LLL	ngtdm	Busyness	0.014674112
wavelet-HHL	gldm	GrayLevelVariance	5.64012948
wavelet-HHL	gldm	HighGrayLevelEmphasis	40.41780822
wavelet-HHL	gldm	DependenceEntropy	5.281602299
wavelet-HHL	gldm	DependenceNonUniformity	28.47945205
wavelet-HHL	gldm	GrayLevelNonUniformity	17.87671233
wavelet-HHL	gldm	SmallDependenceEmphasis	0.255085442

wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	12.60125722
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.19506474
wavelet-HHL	gldm	LargeDependenceEmphasis	11.97260274
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.591909371
wavelet-HHL	gldm	DependenceVariance	2.472696566
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	407.4452055
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016615159
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.062699977
wavelet-HHL	glcm	JointAverage	5.809782041
wavelet-HHL	glcm	SumAverage	11.61956408
wavelet-HHL	glcm	JointEntropy	5.79120008
wavelet-HHL	glcm	ClusterShade	7.856772327
wavelet-HHL	glcm	MaximumProbability	0.050022445
wavelet-HHL	glcm	ldmn	0.941259768
wavelet-HHL	glcm	JointEnergy	0.022255396
wavelet-HHL	glcm	Contrast	10.05224288
wavelet-HHL	glcm	DifferenceEntropy	2.729543825
wavelet-HHL	glcm	InverseVariance	0.319520344
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wavelet-HHL	glcm	ldn	0.840538975
wavelet-HHL	glcm	ldm	0.31245236
wavelet-HHL	glcm	Correlation	0.024245424
wavelet-HHL	glcm	Autocorrelation	33.8934816
wavelet-HHL	glcm	SumEntropy	3.550436601
wavelet-HHL	glcm	SumSquares	5.154311477
wavelet-HHL	glcm	ClusterProminence	323.7566312
wavelet-HHL	glcm	lmc2	0.803498065
wavelet-HHL	glcm	lmc1	-0.169870434
wavelet-HHL	glcm	DifferenceAverage	2.51208857
wavelet-HHL	glcm	ld	0.398688316
wavelet-HHL	glcm	ClusterTendency	10.56500303
wavelet-HHL	firstorder	InterquartileRange	78.05557915
wavelet-HHL	firstorder	Skewness	0.365566978
wavelet-HHL	firstorder	Uniformity	0.122443235
wavelet-HHL	firstorder	Median	5.933011956
wavelet-HHL	firstorder	Energy	529036.5158
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	32.95378691
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wavelet-HHL	firstorder	TotalEnergy	14283985.93
wavelet-HHL	firstorder	Maximum	168.9300021
wavelet-HHL	firstorder	RootMeanSquared	60.19582859
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wavelet-HHL	firstorder	Entropy	3.23441814
wavelet-HHL	firstorder	Range	289.0179371

wavelet-HHL	firstorder	Variance	3531.261306
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wavelet-HHL	firstorder	Kurtosis	2.827006398
wavelet-HHL	firstorder	Mean	9.606064396
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.06010334
wavelet-HHL	glrlm	GrayLevelVariance	5.830772749
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.063529959
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.119732118
wavelet-HHL	glrlm	RunVariance	0.089732687
wavelet-HHL	glrlm	GrayLevelNonUniformity	16.08119169
wavelet-HHL	glrlm	LongRunEmphasis	1.276007561
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	38.70962497
wavelet-HHL	glrlm	RunLengthNonUniformity	114.2223549
wavelet-HHL	glrlm	ShortRunEmphasis	0.936595361
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	50.45556928
wavelet-HHL	glrlm	RunPercentage	0.919915701
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.078068344
wavelet-HHL	glrlm	RunEntropy	3.604122801
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	40.9237805
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.848346964
wavelet-HHL	glszm	GrayLevelVariance	9.081285444
wavelet-HHL	glszm	ZoneVariance	19.83931947
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.102079395
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.286389414
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wavelet-HHL	glszm	GrayLevelNonUniformity	4.695652174
wavelet-HHL	glszm	LargeAreaEmphasis	29.91304348
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	28.59074619
wavelet-HHL	glszm	ZonePercentage	0.315068493
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.226721395
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1038.456522
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.035252691
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wavelet-HHL	ngtdm	Complexity	92.12385147
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wavelet-HHL	ngtdm	Contrast	0.156580323
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wavelet-HLH	gldm	GrayLevelVariance	24.49240008
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wavelet-HLH	gldm	SmallDependenceEmphasis	0.480294785

wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	127.2870522
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wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.045482885
wavelet-HLH	gldm	DependenceVariance	1.894726966
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wavelet-HLH	glcm	JointAverage	15.15329432
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wavelet-HLH	glcm	MaximumProbability	0.024838641
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wavelet-HLH	glcm	JointEnergy	0.009207132
wavelet-HLH	glcm	Contrast	54.01812789
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wavelet-HLH	glcm	DifferenceAverage	5.696843301
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wavelet-HLH	glcm	ClusterTendency	53.23078194
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wavelet-HLH	firstorder	TotalEnergy	61309192.38
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wavelet-HLH	firstorder	Range	694.7772742

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wavelet-HLH	firstorder	Kurtosis	3.1745076
wavelet-HLH	firstorder	Mean	-11.19979898
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014542395
wavelet-HLH	glrlm	GrayLevelVariance	25.14796293
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.014746735
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.061600326
wavelet-HLH	glrlm	RunVariance	0.050258097
wavelet-HLH	glrlm	GrayLevelNonUniformity	8.581842947
wavelet-HLH	glrlm	LongRunEmphasis	1.150027518
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	243.0236642
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wavelet-HLH	glrlm	ShortRunEmphasis	0.965044887
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wavelet-HLH	glrlm	RunEntropy	4.448466547
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	251.1283188
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wavelet-HLH	glszm	GrayLevelVariance	32.88924372
wavelet-HLH	glszm	ZoneVariance	3.170852083
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.056757149
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wavelet-HLH	glszm	LargeAreaEmphasis	6.265060241
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	192.5836424
wavelet-HLH	glszm	ZonePercentage	0.568493151
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04681715
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1622.481928
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	259.3373494
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wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.020551312
wavelet-HLH	glszm	ZoneEntropy	5.203251709
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018449246
wavelet-HLH	ngtdm	Coarseness	0.037556744
wavelet-HLH	ngtdm	Complexity	1002.735971
wavelet-HLH	ngtdm	Strength	7.521110093
wavelet-HLH	ngtdm	Contrast	0.303127798
wavelet-HLH	ngtdm	Busyness	0.071973839

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original	shape	LeastAxis	29.86729061
original	shape	Maximum2DDiameterColumn	49.47726751
original	shape	Maximum2DDiameterRow	65.7951366
original	gldm	GrayLevelVariance	91.38391449
original	gldm	HighGrayLevelEmphasis	1248.48152
original	gldm	DependenceEntropy	6.926474817
original	gldm	DependenceNonUniformity	245.9349297
original	gldm	GrayLevelNonUniformity	178.6480999
original	gldm	SmallDependenceEmphasis	0.318360955
original	gldm	SmallDependenceHighGrayLevelEmphasis	287.7134694
original	gldm	DependenceNonUniformityNormalized	0.12802443
original	gldm	LargeDependenceEmphasis	40.86465383
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.03108664
original	gldm	DependenceVariance	17.70355811
original	gldm	LargeDependenceHighGrayLevelEmphasis	65461.3748
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.001437459
original	gldm	LowGrayLevelEmphasis	0.002337488
original	glcm	JointAverage	34.81735267
original	glcm	SumAverage	69.63470534



original	glcm	JointEntropy	7.525174135
original	glcm	ClusterShade	-6451.416269
original	glcm	MaximumProbability	0.074283327
original	glcm	Idmn	0.9779938
original	glcm	JointEnergy	0.023243329
original	glcm	Contrast	53.40018589
original	glcm	DifferenceEntropy	3.638017198
original	glcm	InverseVariance	0.305268066
original	glcm	DifferenceVariance	32.53294579
original	glcm	Idn	0.920407776
original	glcm	Idm	0.349317795
original	glcm	Correlation	0.668554599
original	glcm	Autocorrelation	1266.51415
original	glcm	SumEntropy	5.093474115
original	glcm	SumSquares	80.89734497
original	glcm	ClusterProminence	308039.1151
original	glcm	Imc2	0.881376354
original	glcm	Imc1	-0.184064562
original	glcm	DifferenceAverage	4.524615277
original	glcm	Id	0.409287361
original	glcm	ClusterTendency	270.189194
original	firstorder	InterquartileRange	280
original	firstorder	Skewness	-1.312338308
original	firstorder	Uniformity	0.092997449
original	firstorder	Median	17
original	firstorder	Energy	133944282
original	firstorder	RobustMeanAbsoluteDeviation	134.1715818
original	firstorder	MeanAbsoluteDeviation	194.7711876
original	firstorder	TotalEnergy	3616495614
original	firstorder	Maximum	197
original	firstorder	RootMeanSquared	264.057439
original	firstorder	90Percentile	71
original	firstorder	Minimum	-935
original	firstorder	Entropy	4.329628513
original	firstorder	Range	1132
original	firstorder	Variance	57075.05846
original	firstorder	10Percentile	-520
original	firstorder	Kurtosis	3.572345444
original	firstorder	Mean	-112.4778761
original	glrlm	ShortRunLowGrayLevelEmphasis	0.002493671
original	glrlm	GrayLevelVariance	96.97818422
original	glrlm	LowGrayLevelRunEmphasis	0.002588297
original	glrlm	GrayLevelNonUniformityNormalized	0.071429223
original	glrlm	RunVariance	0.276449768
original	glrlm	GrayLevelNonUniformity	117.174647
original	glrlm	LongRunEmphasis	1.651754487
original	glrlm	ShortRunHighGrayLevelEmphasis	1041.710322
original	glrlm	RunLengthNonUniformity	1270.710554
original	glrlm	ShortRunEmphasis	0.900920237
original	glrlm	LongRunHighGrayLevelEmphasis	2221.798491
original	glrlm	RunPercentage	0.853361631
original	glrlm	LongRunLowGrayLevelEmphasis	0.00313103
original	glrlm	RunEntropy	5.124233323
original	glrlm	HighGrayLevelRunEmphasis	1194.411654
original	glrlm	RunLengthNonUniformityNormalized	0.774611727

original	glszm	GrayLevelVariance	95.89317219
original	glszm	ZoneVariance	394.6129346
original	glszm	GrayLevelNonUniformityNormalized	0.031123045
original	glszm	SizeZoneNonUniformityNormalized	0.527452005
original	glszm	SizeZoneNonUniformity	358.1399116
original	glszm	GrayLevelNonUniformity	21.13254786
original	glszm	LargeAreaEmphasis	402.6170839
original	glszm	SmallAreaHighGrayLevelEmphasis	643.0194543
original	glszm	ZonePercentage	0.353461739
original	glszm	LargeAreaLowGrayLevelEmphasis	0.255723191
original	glszm	LargeAreaHighGrayLevelEmphasis	657697.2032
original	glszm	HighGrayLevelZoneEmphasis	883.9396171
original	glszm	SmallAreaEmphasis	0.754417662
original	glszm	LowGrayLevelZoneEmphasis	0.004355699
original	glszm	ZoneEntropy	6.325270025
original	glszm	SmallAreaLowGrayLevelEmphasis	0.003779147
original	ngtdm	Coarseness	0.003055316
original	ngtdm	Complexity	2894.193489
original	ngtdm	Strength	5.288931143
original	ngtdm	Contrast	0.298105207
original	ngtdm	Busyness	0.147483861
wavelet-HHH	gldm	GrayLevelVariance	4.823576563
wavelet-HHH	gldm	HighGrayLevelEmphasis	161.3014055
wavelet-HHH	gldm	DependenceEntropy	6.037889522
wavelet-HHH	gldm	DependenceNonUniformity	184.8865174
wavelet-HHH	gldm	GrayLevelNonUniformity	320.6866216
wavelet-HHH	gldm	SmallDependenceEmphasis	0.19344652
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	32.86630873
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.096244934
wavelet-HHH	gldm	LargeDependenceEmphasis	41.3154607
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.269505681
wavelet-HHH	gldm	DependenceVariance	13.51330875
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6486.935971
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002440405
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007849398
wavelet-HHH	glcm	JointAverage	12.50668154
wavelet-HHH	glcm	SumAverage	25.01336307
wavelet-HHH	glcm	JointEntropy	5.871829939
wavelet-HHH	glcm	ClusterShade	-1.420253796
wavelet-HHH	glcm	MaximumProbability	0.088704718
wavelet-HHH	glcm	Idmn	0.985767197
wavelet-HHH	glcm	JointEnergy	0.035478069
wavelet-HHH	glcm	Contrast	9.653148785
wavelet-HHH	glcm	DifferenceEntropy	2.751849903
wavelet-HHH	glcm	InverseVariance	0.376034793
wavelet-HHH	glcm	DifferenceVariance	4.981419451
wavelet-HHH	glcm	Idn	0.926494465
wavelet-HHH	glcm	Idm	0.413473822
wavelet-HHH	glcm	Correlation	-0.036032713
wavelet-HHH	glcm	Autocorrelation	156.2453966
wavelet-HHH	glcm	SumEntropy	3.487336309
wavelet-HHH	glcm	SumSquares	4.654840873
wavelet-HHH	glcm	ClusterProminence	483.6498137
wavelet-HHH	glcm	Imc2	0.523778344
wavelet-HHH	glcm	Imc1	-0.055477443

wavelet-HHH	glcm	DifferenceAverage	2.146511095
wavelet-HHH	glcm	Id	0.477370201
wavelet-HHH	glcm	ClusterTendency	8.966214707
wavelet-HHH	firstorder	InterquartileRange	48.352622
wavelet-HHH	firstorder	Skewness	2.27E-02
wavelet-HHH	firstorder	Uniformity	0.166937336
wavelet-HHH	firstorder	Median	0.188447536
wavelet-HHH	firstorder	Energy	5669331.536
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	21.43333171
wavelet-HHH	firstorder	MeanAbsoluteDeviation	37.46480926
wavelet-HHH	firstorder	TotalEnergy	153071951.5
wavelet-HHH	firstorder	Maximum	305.6365647
wavelet-HHH	firstorder	RootMeanSquared	54.32531397
wavelet-HHH	firstorder	90Percentile	60.35656165
wavelet-HHH	firstorder	Minimum	-278.2175578
wavelet-HHH	firstorder	Entropy	3.042940669
wavelet-HHH	firstorder	Range	583.8541224
wavelet-HHH	firstorder	Variance	2951.163076
wavelet-HHH	firstorder	10Percentile	-60.58964103
wavelet-HHH	firstorder	Kurtosis	6.134961041
wavelet-HHH	firstorder	Mean	0.276879559
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007322091
wavelet-HHH	glrlm	GrayLevelVariance	5.545575282
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008107666
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.147232668
wavelet-HHH	glrlm	RunVariance	0.279452635
wavelet-HHH	glrlm	GrayLevelNonUniformity	236.3794214
wavelet-HHH	glrlm	LongRunEmphasis	1.713545207
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	143.0787024
wavelet-HHH	glrlm	RunLengthNonUniformity	1177.29151
wavelet-HHH	glrlm	ShortRunEmphasis	0.880241828
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	274.4359666
wavelet-HHH	glrlm	RunPercentage	0.835662516
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.012763604
wavelet-HHH	glrlm	RunEntropy	3.872338453
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	161.9997083
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.732880542
wavelet-HHH	glszm	GrayLevelVariance	16.6069706
wavelet-HHH	glszm	ZoneVariance	1386.433596
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.081751719
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.48726015
wavelet-HHH	glszm	SizeZoneNonUniformity	172.0028329
wavelet-HHH	glszm	GrayLevelNonUniformity	28.85835694
wavelet-HHH	glszm	LargeAreaEmphasis	1416.048159
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	126.0758757
wavelet-HHH	glszm	ZonePercentage	0.183758459
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	9.233899288
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	219809.2408
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	170.9858357
wavelet-HHH	glszm	SmallAreaEmphasis	0.724809742
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.013108572
wavelet-HHH	glszm	ZoneEntropy	5.357645559
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.010965082
wavelet-HHH	ngtdm	Coarseness	0.003712075
wavelet-HHH	ngtdm	Complexity	375.1964835

wavelet-HHH	ngtdm	Strength	0.752143404
wavelet-HHH	ngtdm	Contrast	0.03100555
wavelet-HHH	ngtdm	Busyness	0.634266192
wavelet-HLL	gldm	GrayLevelVariance	18.54774905
wavelet-HLL	gldm	HighGrayLevelEmphasis	306.2571577
wavelet-HLL	gldm	DependenceEntropy	6.773647097
wavelet-HLL	gldm	DependenceNonUniformity	268.087975
wavelet-HLL	gldm	GrayLevelNonUniformity	168.1150442
wavelet-HLL	gldm	SmallDependenceEmphasis	0.280605843
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	96.0425983
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.139556468
wavelet-HLL	gldm	LargeDependenceEmphasis	29.09161895
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.105405252
wavelet-HLL	gldm	DependenceVariance	12.06364462
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8720.332119
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002079883
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005176405
wavelet-HLL	glcm	JointAverage	16.84211018
wavelet-HLL	glcm	SumAverage	33.68422036
wavelet-HLL	glcm	JointEntropy	7.485470746
wavelet-HLL	glcm	ClusterShade	39.63988008
wavelet-HLL	glcm	MaximumProbability	0.049662171
wavelet-HLL	glcm	Idmn	0.987106531
wavelet-HLL	glcm	JointEnergy	0.013178909
wavelet-HLL	glcm	Contrast	24.41458251
wavelet-HLL	glcm	DifferenceEntropy	3.322986944
wavelet-HLL	glcm	InverseVariance	0.295955696
wavelet-HLL	glcm	DifferenceVariance	12.352619
wavelet-HLL	glcm	Idn	0.930013228
wavelet-HLL	glcm	Idm	0.317408942
wavelet-HLL	glcm	Correlation	0.27238934
wavelet-HLL	glcm	Autocorrelation	288.4381769
wavelet-HLL	glcm	SumEntropy	4.602820872
wavelet-HLL	glcm	SumSquares	16.98729367
wavelet-HLL	glcm	ClusterProminence	9407.292324
wavelet-HLL	glcm	Imc2	0.717556409
wavelet-HLL	glcm	Imc1	-0.099650781
wavelet-HLL	glcm	DifferenceAverage	3.409770661
wavelet-HLL	glcm	Id	0.39344783
wavelet-HLL	glcm	ClusterTendency	43.53459216
wavelet-HLL	firstorder	InterquartileRange	99.33640511
wavelet-HLL	firstorder	Skewness	0.396415491
wavelet-HLL	firstorder	Uniformity	0.087514338
wavelet-HLL	firstorder	Median	-9.496728895
wavelet-HLL	firstorder	Energy	22583144.94
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	44.34941718
wavelet-HLL	firstorder	MeanAbsoluteDeviation	75.63923258
wavelet-HLL	firstorder	TotalEnergy	609744913.4
wavelet-HLL	firstorder	Maximum	605.2229644
wavelet-HLL	firstorder	RootMeanSquared	108.4247747
wavelet-HLL	firstorder	90Percentile	112.1889099
wavelet-HLL	firstorder	Minimum	-418.7742274
wavelet-HLL	firstorder	Entropy	3.998598972
wavelet-HLL	firstorder	Range	1023.997192
wavelet-HLL	firstorder	Variance	11572.20896

wavelet-HLL	firstorder	10Percentile	-143.0203606
wavelet-HLL	firstorder	Kurtosis	5.468353506
wavelet-HLL	firstorder	Mean	-13.5544389
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005025555
wavelet-HLL	glrlm	GrayLevelVariance	20.28201969
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005359028
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.07824793
wavelet-HLL	glrlm	RunVariance	0.200103208
wavelet-HLL	glrlm	GrayLevelNonUniformity	132.2900065
wavelet-HLL	glrlm	LongRunEmphasis	1.496764104
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	282.8068561
wavelet-HLL	glrlm	RunLengthNonUniformity	1358.962273
wavelet-HLL	glrlm	ShortRunEmphasis	0.915110355
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	454.8782322
wavelet-HLL	glrlm	RunPercentage	0.87975013
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.007242652
wavelet-HLL	glrlm	RunEntropy	4.625622963
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	307.7827844
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.802879753
wavelet-HLL	glszm	GrayLevelVariance	36.9552637
wavelet-HLL	glszm	ZoneVariance	213.5799111
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.048898937
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.407742934
wavelet-HLL	glszm	SizeZoneNonUniformity	249.1309329
wavelet-HLL	glszm	GrayLevelNonUniformity	29.87725041
wavelet-HLL	glszm	LargeAreaEmphasis	223.4648118
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	237.9516904
wavelet-HLL	glszm	ZonePercentage	0.318063509
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.758197327
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	67462.28805
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	338.9525368
wavelet-HLL	glszm	SmallAreaEmphasis	0.663823667
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.007240328
wavelet-HLL	glszm	ZoneEntropy	6.290687027
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005525973
wavelet-HLL	ngtdm	Coarseness	0.004387457
wavelet-HLL	ngtdm	Complexity	1354.395356
wavelet-HLL	ngtdm	Strength	2.313267248
wavelet-HLL	ngtdm	Contrast	0.070031025
wavelet-HLL	ngtdm	Busyness	0.277906922
wavelet-LHL	gldm	GrayLevelVariance	35.75954416
wavelet-LHL	gldm	HighGrayLevelEmphasis	3842.86153
wavelet-LHL	gldm	DependenceEntropy	6.750781425
wavelet-LHL	gldm	DependenceNonUniformity	334.1025508
wavelet-LHL	gldm	GrayLevelNonUniformity	141.4747527
wavelet-LHL	gldm	SmallDependenceEmphasis	0.358289496
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1422.294312
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.173921161
wavelet-LHL	gldm	LargeDependenceEmphasis	20.40031234
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005949492
wavelet-LHL	gldm	DependenceVariance	8.470678202
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	77179.98178
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000624173
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.000797116
wavelet-LHL	glcm	JointAverage	61.53750034

wavelet-LHL	glcm	SumAverage	123.0750007
wavelet-LHL	glcm	JointEntropy	7.988935948
wavelet-LHL	glcm	ClusterShade	319.8459906
wavelet-LHL	glcm	MaximumProbability	0.041857558
wavelet-LHL	glcm	Idmn	0.99550689
wavelet-LHL	glcm	JointEnergy	0.010068601
wavelet-LHL	glcm	Contrast	54.58794399
wavelet-LHL	glcm	DifferenceEntropy	3.734006758
wavelet-LHL	glcm	InverseVariance	0.264160059
wavelet-LHL	glcm	DifferenceVariance	31.07968478
wavelet-LHL	glcm	Idn	0.959663669
wavelet-LHL	glcm	Idm	0.268557648
wavelet-LHL	glcm	Correlation	0.108929435
wavelet-LHL	glcm	Autocorrelation	3790.274666
wavelet-LHL	glcm	SumEntropy	4.819789323
wavelet-LHL	glcm	SumSquares	30.69578015
wavelet-LHL	glcm	ClusterProminence	45211.18839
wavelet-LHL	glcm	Imc2	0.783372779
wavelet-LHL	glcm	Imc1	-0.117160894
wavelet-LHL	glcm	DifferenceAverage	4.747001107
wavelet-LHL	glcm	Id	0.345598717
wavelet-LHL	glcm	ClusterTendency	68.19517661
wavelet-LHL	firstorder	InterquartileRange	113.2345569
wavelet-LHL	firstorder	Skewness	-0.130131111
wavelet-LHL	firstorder	Uniformity	0.07364641
wavelet-LHL	firstorder	Median	-3.072786708
wavelet-LHL	firstorder	Energy	42934251.37
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	53.28171529
wavelet-LHL	firstorder	MeanAbsoluteDeviation	96.86161749
wavelet-LHL	firstorder	TotalEnergy	1159224787
wavelet-LHL	firstorder	Maximum	1140.505453
wavelet-LHL	firstorder	RootMeanSquared	149.4989922
wavelet-LHL	firstorder	90Percentile	173.8604345
wavelet-LHL	firstorder	Minimum	-1522.600386
wavelet-LHL	firstorder	Entropy	4.330119418
wavelet-LHL	firstorder	Range	2663.10584
wavelet-LHL	firstorder	Variance	22325.72513
wavelet-LHL	firstorder	10Percentile	-149.518994
wavelet-LHL	firstorder	Kurtosis	15.73949992
wavelet-LHL	firstorder	Mean	4.921739923
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.000834762
wavelet-LHL	glrlm	GrayLevelVariance	38.72225096
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.000852667
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.066047624
wavelet-LHL	glrlm	RunVariance	0.140229657
wavelet-LHL	glrlm	GrayLevelNonUniformity	114.9299644
wavelet-LHL	glrlm	LongRunEmphasis	1.361518095
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	3597.507292
wavelet-LHL	glrlm	RunLengthNonUniformity	1463.303438
wavelet-LHL	glrlm	ShortRunEmphasis	0.933037814
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	5214.560538
wavelet-LHL	glrlm	RunPercentage	0.905618068
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.000949143
wavelet-LHL	glrlm	RunEntropy	4.851343229
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	3850.145851

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.840463383
wavelet-LHL	glszm	GrayLevelVariance	69.29943819
wavelet-LHL	glszm	ZoneVariance	137.0699598
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03949097
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.479844493
wavelet-LHL	glszm	SizeZoneNonUniformity	370.919793
wavelet-LHL	glszm	GrayLevelNonUniformity	30.52652005
wavelet-LHL	glszm	LargeAreaEmphasis	143.2457956
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	2892.102539
wavelet-LHL	glszm	ZonePercentage	0.402394586
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.039269732
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	541355.2846
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	3956.087969
wavelet-LHL	glszm	SmallAreaEmphasis	0.720121799
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.001581251
wavelet-LHL	glszm	ZoneEntropy	6.36259806
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.001504902
wavelet-LHL	ngtdm	Coarseness	0.004034634
wavelet-LHL	ngtdm	Complexity	4455.051253
wavelet-LHL	ngtdm	Strength	5.801089599
wavelet-LHL	ngtdm	Contrast	0.105972809
wavelet-LHL	ngtdm	Busyness	0.057856529
wavelet-LHH	gldm	GrayLevelVariance	20.32664154
wavelet-LHH	gldm	HighGrayLevelEmphasis	621.5590838
wavelet-LHH	gldm	DependenceEntropy	6.474934137
wavelet-LHH	gldm	DependenceNonUniformity	289.0562207
wavelet-LHH	gldm	GrayLevelNonUniformity	184.9375325
wavelet-LHH	gldm	SmallDependenceEmphasis	0.339004778
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	217.1537811
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.150471744
wavelet-LHH	gldm	LargeDependenceEmphasis	25.10411244
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.043184684
wavelet-LHH	gldm	DependenceVariance	10.22885606
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	15085.22697
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001292743
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.002448174
wavelet-LHH	glcm	JointAverage	24.52943061
wavelet-LHH	glcm	SumAverage	49.05886123
wavelet-LHH	glcm	JointEntropy	7.431688845
wavelet-LHH	glcm	ClusterShade	12.80854926
wavelet-LHH	glcm	MaximumProbability	0.057338513
wavelet-LHH	glcm	Idmn	0.984956329
wavelet-LHH	glcm	JointEnergy	0.015363361
wavelet-LHH	glcm	Contrast	40.12129343
wavelet-LHH	glcm	DifferenceEntropy	3.578755522
wavelet-LHH	glcm	InverseVariance	0.28242566
wavelet-LHH	glcm	DifferenceVariance	22.2874997
wavelet-LHH	glcm	Idn	0.928250901
wavelet-LHH	glcm	Idm	0.297724663
wavelet-LHH	glcm	Correlation	-0.023912277
wavelet-LHH	glcm	Autocorrelation	601.1974125
wavelet-LHH	glcm	SumEntropy	4.401597081
wavelet-LHH	glcm	SumSquares	19.56480883
wavelet-LHH	glcm	ClusterProminence	10930.85505
wavelet-LHH	glcm	Imc2	0.741832238

wavelet-LHH	glcm	Imc1	-0.104932807
wavelet-LHH	glcm	DifferenceAverage	4.152689963
wavelet-LHH	glcm	Id	0.372523105
wavelet-LHH	glcm	ClusterTendency	38.13794191
wavelet-LHH	firstorder	InterquartileRange	83.975253
wavelet-LHH	firstorder	Skewness	0.00350054
wavelet-LHH	firstorder	Uniformity	0.09627149
wavelet-LHH	firstorder	Median	-0.932221837
wavelet-LHH	firstorder	Energy	24295126.18
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	39.22489555
wavelet-LHH	firstorder	MeanAbsoluteDeviation	74.11761802
wavelet-LHH	firstorder	TotalEnergy	655968406.9
wavelet-LHH	firstorder	Maximum	603.3867675
wavelet-LHH	firstorder	RootMeanSquared	112.4594349
wavelet-LHH	firstorder	90Percentile	126.5277943
wavelet-LHH	firstorder	Minimum	-591.7592788
wavelet-LHH	firstorder	Entropy	3.974972449
wavelet-LHH	firstorder	Range	1195.146046
wavelet-LHH	firstorder	Variance	12646.71468
wavelet-LHH	firstorder	10Percentile	-117.1472264
wavelet-LHH	firstorder	Kurtosis	6.439852837
wavelet-LHH	firstorder	Mean	0.640180218
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002408094
wavelet-LHH	glrlm	GrayLevelVariance	22.41017353
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.002540202
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.08467317
wavelet-LHH	glrlm	RunVariance	0.174425315
wavelet-LHH	glrlm	GrayLevelNonUniformity	144.8459013
wavelet-LHH	glrlm	LongRunEmphasis	1.438864268
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	577.1000625
wavelet-LHH	glrlm	RunLengthNonUniformity	1400.842428
wavelet-LHH	glrlm	ShortRunEmphasis	0.922784214
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	888.1419228
wavelet-LHH	glrlm	RunPercentage	0.890121331
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.003287807
wavelet-LHH	glrlm	RunEntropy	4.574195647
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	623.8108338
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.818619246
wavelet-LHH	glszm	GrayLevelVariance	44.64923212
wavelet-LHH	glszm	ZoneVariance	272.0905418
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.046487714
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.55050358
wavelet-LHH	glszm	SizeZoneNonUniformity	380.397974
wavelet-LHH	glszm	GrayLevelNonUniformity	32.12301013
wavelet-LHH	glszm	LargeAreaEmphasis	279.8191027
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	496.527777
wavelet-LHH	glszm	ZonePercentage	0.359708485
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.471755987
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	167387.11
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	645.5730825
wavelet-LHH	glszm	SmallAreaEmphasis	0.769479591
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.003716679
wavelet-LHH	glszm	ZoneEntropy	5.951567622
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003283203
wavelet-LHH	ngtdm	Coarseness	0.004259286



wavelet-LHH	ngtdm	Complexity	2161.398527
wavelet-LHH	ngtdm	Strength	2.328560031
wavelet-LHH	ngtdm	Contrast	0.077282112
wavelet-LHH	ngtdm	Busyness	0.163115086
wavelet-LLH	gldm	GrayLevelVariance	50.45118029
wavelet-LLH	gldm	HighGrayLevelEmphasis	740.217595
wavelet-LLH	gldm	DependenceEntropy	6.942195679
wavelet-LLH	gldm	DependenceNonUniformity	371.5819885
wavelet-LLH	gldm	GrayLevelNonUniformity	120.0557002
wavelet-LLH	gldm	SmallDependenceEmphasis	0.411215288
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	329.3721702
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.19343154
wavelet-LLH	gldm	LargeDependenceEmphasis	20.17959396
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031991765
wavelet-LLH	gldm	DependenceVariance	9.04186041
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	14072.95159
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002153575
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00318875
wavelet-LLH	glcm	JointAverage	26.0880159
wavelet-LLH	glcm	SumAverage	52.17603179
wavelet-LLH	glcm	JointEntropy	8.500360871
wavelet-LLH	glcm	ClusterShade	456.2262915
wavelet-LLH	glcm	MaximumProbability	0.042881832
wavelet-LLH	glcm	Idmn	0.982893576
wavelet-LLH	glcm	JointEnergy	0.008523299
wavelet-LLH	glcm	Contrast	88.73879987
wavelet-LLH	glcm	DifferenceEntropy	4.079742089
wavelet-LLH	glcm	InverseVariance	0.23179748
wavelet-LLH	glcm	DifferenceVariance	48.78070154
wavelet-LLH	glcm	Idn	0.924359993
wavelet-LLH	glcm	Idm	0.243437195
wavelet-LLH	glcm	Correlation	0.100398422
wavelet-LLH	glcm	Autocorrelation	685.604002
wavelet-LLH	glcm	SumEntropy	5.171205764
wavelet-LLH	glcm	SumSquares	49.38412377
wavelet-LLH	glcm	ClusterProminence	71563.38692
wavelet-LLH	glcm	Imc2	0.855642229
wavelet-LLH	glcm	Imc1	-0.148590079
wavelet-LLH	glcm	DifferenceAverage	6.14546348
wavelet-LLH	glcm	Id	0.317872356
wavelet-LLH	glcm	ClusterTendency	108.7976952
wavelet-LLH	firstorder	InterquartileRange	145.9880665
wavelet-LLH	firstorder	Skewness	0.530208829
wavelet-LLH	firstorder	Uniformity	0.06249646
wavelet-LLH	firstorder	Median	-8.342578152
wavelet-LLH	firstorder	Energy	60505883.16
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	65.93607043
wavelet-LLH	firstorder	MeanAbsoluteDeviation	119.6091613
wavelet-LLH	firstorder	TotalEnergy	1633658845
wavelet-LLH	firstorder	Maximum	1035.503765
wavelet-LLH	firstorder	RootMeanSquared	177.4741561
wavelet-LLH	firstorder	90Percentile	207.7848793
wavelet-LLH	firstorder	Minimum	-648.7848067
wavelet-LLH	firstorder	Entropy	4.629820838
wavelet-LLH	firstorder	Range	1684.288572

wavelet-LLH	firstorder	Variance	31460.57736
wavelet-LLH	firstorder	10Percentile	-213.6469772
wavelet-LLH	firstorder	Kurtosis	6.031387853
wavelet-LLH	firstorder	Mean	-6.041417741
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003247021
wavelet-LLH	glrlm	GrayLevelVariance	54.43704675
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.003348572
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.054758397
wavelet-LLH	glrlm	RunVariance	0.141408174
wavelet-LLH	glrlm	GrayLevelNonUniformity	95.81826435
wavelet-LLH	glrlm	LongRunEmphasis	1.352320704
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	701.6024425
wavelet-LLH	glrlm	RunLengthNonUniformity	1487.972367
wavelet-LLH	glrlm	ShortRunEmphasis	0.937113499
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	989.3017053
wavelet-LLH	glrlm	RunPercentage	0.910102911
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003900439
wavelet-LLH	glrlm	RunEntropy	5.131373475
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	745.0338893
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.849916817
wavelet-LLH	glszm	GrayLevelVariance	86.47027355
wavelet-LLH	glszm	ZoneVariance	98.81043634
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032995627
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.535653229
wavelet-LLH	glszm	SizeZoneNonUniformity	474.0531073
wavelet-LLH	glszm	GrayLevelNonUniformity	29.20112994
wavelet-LLH	glszm	LargeAreaEmphasis	103.5220339
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	620.2205608
wavelet-LLH	glszm	ZonePercentage	0.460697553
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.154192059
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	71880.56045
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	795.1728814
wavelet-LLH	glszm	SmallAreaEmphasis	0.759904939
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004929135
wavelet-LLH	glszm	ZoneEntropy	6.442666887
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004426945
wavelet-LLH	ngtdm	Coarseness	0.003978147
wavelet-LLH	ngtdm	Complexity	6612.965582
wavelet-LLH	ngtdm	Strength	5.232242467
wavelet-LLH	ngtdm	Contrast	0.132942655
wavelet-LLH	ngtdm	Busyness	0.119082262
wavelet-LLL	gldm	GrayLevelVariance	630.5048326
wavelet-LLL	gldm	HighGrayLevelEmphasis	6901.31442
wavelet-LLL	gldm	DependenceEntropy	7.763604467
wavelet-LLL	gldm	DependenceNonUniformity	501.9234774
wavelet-LLL	gldm	GrayLevelNonUniformity	54.62831858
wavelet-LLL	gldm	SmallDependenceEmphasis	0.517114837
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2845.842512
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.261282393
wavelet-LLL	gldm	LargeDependenceEmphasis	16.43050495
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003571965
wavelet-LLL	gldm	DependenceVariance	8.14054204
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	152366.1088
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.0010675
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001257531

wavelet-LLL	glcm	JointAverage	81.533952
wavelet-LLL	glcm	SumAverage	163.067904
wavelet-LLL	glcm	JointEntropy	9.649378968
wavelet-LLL	glcm	ClusterShade	-119475.0171
wavelet-LLL	glcm	MaximumProbability	0.023888117
wavelet-LLL	glcm	Idmn	0.983110851
wavelet-LLL	glcm	JointEnergy	0.003854757
wavelet-LLL	glcm	Contrast	221.5727839
wavelet-LLL	glcm	DifferenceEntropy	4.713515889
wavelet-LLL	glcm	InverseVariance	0.184849682
wavelet-LLL	glcm	DifferenceVariance	117.0090265
wavelet-LLL	glcm	Idn	0.923522488
wavelet-LLL	glcm	Idm	0.195522433
wavelet-LLL	glcm	Correlation	0.797162306
wavelet-LLL	glcm	Autocorrelation	7089.15324
wavelet-LLL	glcm	SumEntropy	6.639977941
wavelet-LLL	glcm	SumSquares	551.545429
wavelet-LLL	glcm	ClusterProminence	15730981.48
wavelet-LLL	glcm	Imc2	0.987184337
wavelet-LLL	glcm	Imc1	-0.32191141
wavelet-LLL	glcm	DifferenceAverage	10.00825831
wavelet-LLL	glcm	Id	0.263383323
wavelet-LLL	glcm	ClusterTendency	1984.608932
wavelet-LLL	firstorder	InterquartileRange	832.9822488
wavelet-LLL	firstorder	Skewness	-1.167135281
wavelet-LLL	firstorder	Uniformity	0.028437438
wavelet-LLL	firstorder	Median	-47.94946557
wavelet-LLL	firstorder	Energy	970338185
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	368.8410353
wavelet-LLL	firstorder	MeanAbsoluteDeviation	515.0606683
wavelet-LLL	firstorder	TotalEnergy	26199130994
wavelet-LLL	firstorder	Maximum	433.6352299
wavelet-LLL	firstorder	RootMeanSquared	710.7189228
wavelet-LLL	firstorder	90Percentile	201.1709369
wavelet-LLL	firstorder	Minimum	-2281.196841
wavelet-LLL	firstorder	Entropy	5.932250143
wavelet-LLL	firstorder	Range	2714.832071
wavelet-LLL	firstorder	Variance	394297.6281
wavelet-LLL	firstorder	10Percentile	-1349.307638
wavelet-LLL	firstorder	Kurtosis	3.333598406
wavelet-LLL	firstorder	Mean	-332.9020263
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001327474
wavelet-LLL	glrlm	GrayLevelVariance	645.1647094
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001339074
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024083109
wavelet-LLL	glrlm	RunVariance	0.110123535
wavelet-LLL	glrlm	GrayLevelNonUniformity	42.94440598
wavelet-LLL	glrlm	LongRunEmphasis	1.273140271
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	6276.69554
wavelet-LLL	glrlm	RunLengthNonUniformity	1568.407739
wavelet-LLL	glrlm	ShortRunEmphasis	0.950518482
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	9240.666872
wavelet-LLL	glrlm	RunPercentage	0.92772194
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001393968
wavelet-LLL	glrlm	RunEntropy	6.344189121

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	6725.515062
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.879660735
wavelet-LLL	glszm	GrayLevelVariance	666.31382
wavelet-LLL	glszm	ZoneVariance	34.55646376
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.013030163
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.632164996
wavelet-LLL	glszm	SizeZoneNonUniformity	690.3241758
wavelet-LLL	glszm	GrayLevelNonUniformity	14.22893773
wavelet-LLL	glszm	LargeAreaEmphasis	37.6510989
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4336.44125
wavelet-LLL	glszm	ZonePercentage	0.56845393
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006305339
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	358265.7848
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5582.352564
wavelet-LLL	glszm	SmallAreaEmphasis	0.821492404
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001963532
wavelet-LLL	glszm	ZoneEntropy	7.323803873
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001829287
wavelet-LLL	ngtdm	Coarseness	0.005395485
wavelet-LLL	ngtdm	Complexity	28464.17345
wavelet-LLL	ngtdm	Strength	40.91611581
wavelet-LLL	ngtdm	Contrast	0.638578164
wavelet-LLL	ngtdm	Busyness	0.016013694
wavelet-HHL	gldm	GrayLevelVariance	5.360703542
wavelet-HHL	gldm	HighGrayLevelEmphasis	347.1197293
wavelet-HHL	gldm	DependenceEntropy	6.076942263
wavelet-HHL	gldm	DependenceNonUniformity	190.2035398
wavelet-HHL	gldm	GrayLevelNonUniformity	301.5497137
wavelet-HHL	gldm	SmallDependenceEmphasis	0.196994199
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	68.93226984
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.099012775
wavelet-HHL	gldm	LargeDependenceEmphasis	38.73347215
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.115580425
wavelet-HHL	gldm	DependenceVariance	12.48985256
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	13190.95836
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001224539
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.003621087
wavelet-HHL	glcm	JointAverage	18.48665557
wavelet-HHL	glcm	SumAverage	36.97331115
wavelet-HHL	glcm	JointEntropy	5.982549372
wavelet-HHL	glcm	ClusterShade	-12.77806327
wavelet-HHL	glcm	MaximumProbability	0.085334281
wavelet-HHL	glcm	Idmn	0.987317159
wavelet-HHL	glcm	JointEnergy	0.03204141
wavelet-HHL	glcm	Contrast	9.985298302
wavelet-HHL	glcm	DifferenceEntropy	2.769114962
wavelet-HHL	glcm	InverseVariance	0.372625798
wavelet-HHL	glcm	DifferenceVariance	5.114493056
wavelet-HHL	glcm	Idn	0.929907348
wavelet-HHL	glcm	Idm	0.404756407
wavelet-HHL	glcm	Correlation	-0.006871714
wavelet-HHL	glcm	Autocorrelation	341.7352375
wavelet-HHL	glcm	SumEntropy	3.568201551
wavelet-HHL	glcm	SumSquares	4.971184479
wavelet-HHL	glcm	ClusterProminence	690.1652678

wavelet-HHL	glcm	Imc2	0.515661596
wavelet-HHL	glcm	Imc1	-0.053088347
wavelet-HHL	glcm	DifferenceAverage	2.191151158
wavelet-HHL	glcm	Id	0.470327768
wavelet-HHL	glcm	ClusterTendency	9.899439613
wavelet-HHL	firstorder	InterquartileRange	51.48361918
wavelet-HHL	firstorder	Skewness	-0.480826348
wavelet-HHL	firstorder	Uniformity	0.156975385
wavelet-HHL	firstorder	Median	-0.49468068
wavelet-HHL	firstorder	Energy	6296386.679
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	23.24125281
wavelet-HHL	firstorder	MeanAbsoluteDeviation	39.65952893
wavelet-HHL	firstorder	TotalEnergy	170002440.3
wavelet-HHL	firstorder	Maximum	224.685072
wavelet-HHL	firstorder	RootMeanSquared	57.25085979
wavelet-HHL	firstorder	90Percentile	65.31091445
wavelet-HHL	firstorder	Minimum	-428.9736925
wavelet-HHL	firstorder	Entropy	3.119727907
wavelet-HHL	firstorder	Range	653.6587645
wavelet-HHL	firstorder	Variance	3277.466323
wavelet-HHL	firstorder	10Percentile	-61.15770808
wavelet-HHL	firstorder	Kurtosis	7.436496535
wavelet-HHL	firstorder	Mean	-0.441162127
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.00340413
wavelet-HHL	glrlm	GrayLevelVariance	6.112993582
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.003744468
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.139175795
wavelet-HHL	glrlm	RunVariance	0.26817649
wavelet-HHL	glrlm	GrayLevelNonUniformity	225.0254912
wavelet-HHL	glrlm	LongRunEmphasis	1.685133058
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	308.7326547
wavelet-HHL	glrlm	RunLengthNonUniformity	1203.2196
wavelet-HHL	glrlm	ShortRunEmphasis	0.885443553
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	582.2278061
wavelet-HHL	glrlm	RunPercentage	0.841428743
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.005779494
wavelet-HHL	glrlm	RunEntropy	3.920421657
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	348.0283259
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.743377386
wavelet-HHL	glszm	GrayLevelVariance	17.27320194
wavelet-HHL	glszm	ZoneVariance	1117.214291
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.080903085
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.454821395
wavelet-HHL	glszm	SizeZoneNonUniformity	172.3773087
wavelet-HHL	glszm	GrayLevelNonUniformity	30.66226913
wavelet-HHL	glszm	LargeAreaEmphasis	1142.905013
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	244.7751926
wavelet-HHL	glszm	ZonePercentage	0.197293077
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	3.371872217
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	389583.2955
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	354.8047493
wavelet-HHL	glszm	SmallAreaEmphasis	0.700825971
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.006218393
wavelet-HHL	glszm	ZoneEntropy	5.439094996
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005307161

wavelet-HHL	ngtdm	Coarseness	0.003716477
wavelet-HHL	ngtdm	Complexity	407.5994581
wavelet-HHL	ngtdm	Strength	0.873046084
wavelet-HHL	ngtdm	Contrast	0.03541068
wavelet-HHL	ngtdm	Busyness	0.4376663
wavelet-HLH	gldm	GrayLevelVariance	9.620111532
wavelet-HLH	gldm	HighGrayLevelEmphasis	281.9646018
wavelet-HLH	gldm	DependenceEntropy	6.334740954
wavelet-HLH	gldm	DependenceNonUniformity	222.5252473
wavelet-HLH	gldm	GrayLevelNonUniformity	238.1608537
wavelet-HLH	gldm	SmallDependenceEmphasis	0.246030539
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	74.23989317
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.115838234
wavelet-HLH	gldm	LargeDependenceEmphasis	34.12961999
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.128458917
wavelet-HLH	gldm	DependenceVariance	12.65042419
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	9351.1848
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00211926
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.005109999
wavelet-HLH	glcm	JointAverage	16.51520909
wavelet-HLH	glcm	SumAverage	33.03041817
wavelet-HLH	glcm	JointEntropy	6.681246718
wavelet-HLH	glcm	ClusterShade	-9.669890983
wavelet-HLH	glcm	MaximumProbability	0.072312327
wavelet-HLH	glcm	Idmn	0.979619678
wavelet-HLH	glcm	JointEnergy	0.023048739
wavelet-HLH	glcm	Contrast	19.38765023
wavelet-HLH	glcm	DifferenceEntropy	3.153421232
wavelet-HLH	glcm	InverseVariance	0.329591642
wavelet-HLH	glcm	DifferenceVariance	10.44096559
wavelet-HLH	glcm	Idn	0.91560218
wavelet-HLH	glcm	Idm	0.358642959
wavelet-HLH	glcm	Correlation	-0.027751691
wavelet-HLH	glcm	Autocorrelation	272.4838623
wavelet-HLH	glcm	SumEntropy	3.950180149
wavelet-HLH	glcm	SumSquares	9.42498195
wavelet-HLH	glcm	ClusterProminence	2192.789366
wavelet-HLH	glcm	Imc2	0.659151123
wavelet-HLH	glcm	Imc1	-0.08513597
wavelet-HLH	glcm	DifferenceAverage	2.955850331
wavelet-HLH	glcm	Id	0.428348613
wavelet-HLH	glcm	ClusterTendency	18.31227757
wavelet-HLH	firstorder	InterquartileRange	65.8242584
wavelet-HLH	firstorder	Skewness	-0.147174076
wavelet-HLH	firstorder	Uniformity	0.12397754
wavelet-HLH	firstorder	Median	-0.473496602
wavelet-HLH	firstorder	Energy	11445954.74
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	29.8466939
wavelet-HLH	firstorder	MeanAbsoluteDeviation	52.82246906
wavelet-HLH	firstorder	TotalEnergy	309040777.8
wavelet-HLH	firstorder	Maximum	320.4676847
wavelet-HLH	firstorder	RootMeanSquared	77.19022905
wavelet-HLH	firstorder	90Percentile	89.90030347
wavelet-HLH	firstorder	Minimum	-388.4283558
wavelet-HLH	firstorder	Entropy	3.510677238

wavelet-HLH	firstorder	Range	708.8960404
wavelet-HLH	firstorder	Variance	5958.279686
wavelet-HLH	firstorder	10Percentile	-83.93173186
wavelet-HLH	firstorder	Kurtosis	6.048569057
wavelet-HLH	firstorder	Mean	0.22753909
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004949977
wavelet-HLH	glrlm	GrayLevelVariance	10.84574969
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.005325263
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.109085141
wavelet-HLH	glrlm	RunVariance	0.242502657
wavelet-HLH	glrlm	GrayLevelNonUniformity	180.319618
wavelet-HLH	glrlm	LongRunEmphasis	1.596980637
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	256.2826677
wavelet-HLH	glrlm	RunLengthNonUniformity	1281.938376
wavelet-HLH	glrlm	ShortRunEmphasis	0.901628669
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	446.7753869
wavelet-HLH	glrlm	RunPercentage	0.860209026
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007578525
wavelet-HLH	glrlm	RunEntropy	4.23326445
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	283.2614145
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.7751021
wavelet-HLH	glszm	GrayLevelVariance	25.76287721
wavelet-HLH	glszm	ZoneVariance	476.2439475
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.058996163
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.465815232
wavelet-HLH	glszm	SizeZoneNonUniformity	231.0443548
wavelet-HLH	glszm	GrayLevelNonUniformity	29.26209677
wavelet-HLH	glszm	LargeAreaEmphasis	491.2439516
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	220.100396
wavelet-HLH	glszm	ZonePercentage	0.258198855
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	1.84774272
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	132137.6895
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	303.8991935
wavelet-HLH	glszm	SmallAreaEmphasis	0.70932956
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.008509667
wavelet-HLH	glszm	ZoneEntropy	5.79199082
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007175806
wavelet-HLH	ngtdm	Coarseness	0.003903927
wavelet-HLH	ngtdm	Complexity	787.0013809
wavelet-HLH	ngtdm	Strength	1.105691375
wavelet-HLH	ngtdm	Contrast	0.052977537
wavelet-HLH	ngtdm	Busyness	0.375170152

Image type	Feature Class	Feature Name	24: RTSTRUCT: C99-DNU_segment_LUL_ITV
general	info	BoundingBox	(0, 1, 1, 7, 7, 9)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	7685394fabda31f31a6b1e6ce9943dc31ec00553 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	
general	info	MaskHash	ef43ea5a14a32d8899d781b118e1cf8d539fed7d
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	210
original	shape	Maximum3DDiameter	26.32489316
original	shape	Maximum2DDiameterSlice	21.63330765
original	shape	Sphericity	0.883970217
original	shape	MinorAxis	18.60660817
original	shape	Elongation	0.767540475
original	shape	SurfaceVolumeRatio	0.306797728
original	shape	Volume	5670
original	shape	MajorAxis	24.24185925
original	shape	SurfaceArea	1739.543115
original	shape	Flatness	0.743721896
original	shape	LeastAxis	18.02920151
original	shape	Maximum2DDiameterColumn	25.63201124
original	shape	Maximum2DDiameterRow	24.73863375
original	gldm	GrayLevelVariance	84.09045351
original	gldm	HighGrayLevelEmphasis	666.7380952
original	gldm	DependenceEntropy	5.990047187
original	gldm	DependenceNonUniformity	45.93333333
original	gldm	GrayLevelNonUniformity	17.52380952
original	gldm	SmallDependenceEmphasis	0.473953361
original	gldm	SmallDependenceHighGrayLevelEmphasis	199.4352658
original	gldm	DependenceNonUniformityNormalized	0.218730159
original	gldm	LargeDependenceEmphasis	31.85714286
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.044929956
original	gldm	DependenceVariance	17.1261678
original	gldm	LargeDependenceHighGrayLevelEmphasis	31798.65238
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012440919
original	gldm	LowGrayLevelEmphasis	0.013218581
original	glcm	JointAverage	26.01134749
original	glcm	SumAverage	52.02269499
original	glcm	JointEntropy	6.637934421
original	glcm	ClusterShade	-2401.733891
original	glcm	MaximumProbability	0.11510331
original	glcm	Idmn	0.931267534



original	glcm	JointEnergy	0.023678197
original	glcm	Contrast	104.1490629
original	glcm	DifferenceEntropy	4.085039426
original	glcm	InverseVariance	0.209801555
original	glcm	DifferenceVariance	55.23197495
original	glcm	Idn	0.853936177
original	glcm	Idm	0.273602369
original	glcm	Correlation	0.244232544
original	glcm	Autocorrelation	693.5026791
original	glcm	SumEntropy	4.842920183
original	glcm	SumSquares	68.96098136
original	glcm	ClusterProminence	97918.26912
original	glcm	Imc2	0.960928186
original	glcm	Imc1	-0.325200528
original	glcm	DifferenceAverage	6.972179821
original	glcm	Id	0.337430806
original	glcm	ClusterTendency	171.6948625
original	firstorder	InterquartileRange	372.5
original	firstorder	Skewness	-0.915985968
original	firstorder	Uniformity	0.083446712
original	firstorder	Median	-58.5
original	firstorder	Energy	16237884
original	firstorder	RobustMeanAbsoluteDeviation	150.0645636
original	firstorder	MeanAbsoluteDeviation	194.6266667
original	firstorder	TotalEnergy	438422868
original	firstorder	Maximum	87
original	firstorder	RootMeanSquared	278.0705974
original	firstorder	90Percentile	46
original	firstorder	Minimum	-727
original	firstorder	Entropy	4.329113874
original	firstorder	Range	814
original	firstorder	Variance	52126.98603
original	firstorder	10Percentile	-516.7
original	firstorder	Kurtosis	2.505994083
original	firstorder	Mean	-158.7333333
original	glrlm	ShortRunLowGrayLevelEmphasis	0.014618984
original	glrlm	GrayLevelVariance	86.35616293
original	glrlm	LowGrayLevelRunEmphasis	0.014706907
original	glrlm	GrayLevelNonUniformityNormalized	0.062048603
original	glrlm	RunVariance	0.172953104
original	glrlm	GrayLevelNonUniformity	11.61851765
original	glrlm	LongRunEmphasis	1.435129373
original	glrlm	ShortRunHighGrayLevelEmphasis	555.3123647
original	glrlm	RunLengthNonUniformity	154.2645505
original	glrlm	ShortRunEmphasis	0.924809726
original	glrlm	LongRunHighGrayLevelEmphasis	1057.379162
original	glrlm	RunPercentage	0.890842491
original	glrlm	LongRunLowGrayLevelEmphasis	0.015189846
original	glrlm	RunEntropy	4.861854974
original	glrlm	HighGrayLevelRunEmphasis	628.2067133
original	glrlm	RunLengthNonUniformityNormalized	0.823973985
original	glszm	GrayLevelVariance	81.55003788
original	glszm	ZoneVariance	23.82947563
original	glszm	GrayLevelNonUniformityNormalized	0.040484808
original	glszm	SizeZoneNonUniformityNormalized	0.653227843
original	glszm	SizeZoneNonUniformity	71.20183486

original	glszm	GrayLevelNonUniformity	4.412844037
original	glszm	LargeAreaEmphasis	27.5412844
original	glszm	SmallAreaHighGrayLevelEmphasis	322.0722069
original	glszm	ZonePercentage	0.519047619
original	glszm	LargeAreaLowGrayLevelEmphasis	0.051397879
original	glszm	LargeAreaHighGrayLevelEmphasis	27226.13761
original	glszm	HighGrayLevelZoneEmphasis	435.266055
original	glszm	SmallAreaEmphasis	0.833304794
original	glszm	LowGrayLevelZoneEmphasis	0.024203573
original	glszm	ZoneEntropy	5.336723032
original	glszm	SmallAreaLowGrayLevelEmphasis	0.023819732
original	ngtdm	Coarseness	0.01295817
original	ngtdm	Complexity	2873.231548
original	ngtdm	Strength	11.97705866
original	ngtdm	Contrast	0.945013997
original	ngtdm	Busyness	0.072892269
wavelet-HHH	gldm	GrayLevelVariance	13.84752834
wavelet-HHH	gldm	HighGrayLevelEmphasis	148.6285714
wavelet-HHH	gldm	DependenceEntropy	5.789571637
wavelet-HHH	gldm	DependenceNonUniformity	42.95238095
wavelet-HHH	gldm	GrayLevelNonUniformity	17.40952381
wavelet-HHH	gldm	SmallDependenceEmphasis	0.386495208
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	58.15271531
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.204535147
wavelet-HHH	gldm	LargeDependenceEmphasis	10.12380952
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.124528198
wavelet-HHH	gldm	DependenceVariance	2.704671202
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1479.47619
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013337986
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.025540736
wavelet-HHH	glcm	JointAverage	11.55353155
wavelet-HHH	glcm	SumAverage	23.10706311
wavelet-HHH	glcm	JointEntropy	6.860007995
wavelet-HHH	glcm	ClusterShade	-13.72519256
wavelet-HHH	glcm	MaximumProbability	0.03362766
wavelet-HHH	glcm	ldmn	0.947029097
wavelet-HHH	glcm	JointEnergy	0.011144409
wavelet-HHH	glcm	Contrast	28.14120172
wavelet-HHH	glcm	DifferenceEntropy	3.419471959
wavelet-HHH	glcm	InverseVariance	0.227826544
wavelet-HHH	glcm	DifferenceVariance	11.45483653
wavelet-HHH	glcm	ldn	0.852344605
wavelet-HHH	glcm	ldm	0.233448638
wavelet-HHH	glcm	Correlation	-0.023473593
wavelet-HHH	glcm	Autocorrelation	133.141619
wavelet-HHH	glcm	SumEntropy	4.209800898
wavelet-HHH	glcm	SumSquares	13.72490488
wavelet-HHH	glcm	ClusterProminence	2586.602928
wavelet-HHH	glcm	lmc2	0.898909559
wavelet-HHH	glcm	lmc1	-0.215050159
wavelet-HHH	glcm	DifferenceAverage	4.049864509
wavelet-HHH	glcm	ld	0.324494606
wavelet-HHH	glcm	ClusterTendency	26.75841779
wavelet-HHH	firstorder	InterquartileRange	105.943905
wavelet-HHH	firstorder	Skewness	-0.219382153
wavelet-HHH	firstorder	Uniformity	0.082902494

wavelet-HHH	firstorder	Median	6.109212548
wavelet-HHH	firstorder	Energy	1830377.481
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	47.38846821
wavelet-HHH	firstorder	MeanAbsoluteDeviation	71.64643181
wavelet-HHH	firstorder	TotalEnergy	49420191.99
wavelet-HHH	firstorder	Maximum	232.3288104
wavelet-HHH	firstorder	RootMeanSquared	93.35996596
wavelet-HHH	firstorder	90Percentile	126.1356049
wavelet-HHH	firstorder	Minimum	-270.9119907
wavelet-HHH	firstorder	Entropy	3.861308687
wavelet-HHH	firstorder	Range	503.240801
wavelet-HHH	firstorder	Variance	8706.9392
wavelet-HHH	firstorder	10Percentile	-109.546964
wavelet-HHH	firstorder	Kurtosis	3.367004908
wavelet-HHH	firstorder	Mean	3.023911963
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025699029
wavelet-HHH	glrlm	GrayLevelVariance	14.41193574
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026399717
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.080350483
wavelet-HHH	glrlm	RunVariance	0.073037351
wavelet-HHH	glrlm	GrayLevelNonUniformity	15.75648243
wavelet-HHH	glrlm	LongRunEmphasis	1.220746997
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	141.2981506
wavelet-HHH	glrlm	RunLengthNonUniformity	171.3808345
wavelet-HHH	glrlm	ShortRunEmphasis	0.948765419
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	180.9215577
wavelet-HHH	glrlm	RunPercentage	0.933699634
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.029341833
wavelet-HHH	glrlm	RunEntropy	4.192755142
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	148.8158848
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.873737551
wavelet-HHH	glszm	GrayLevelVariance	22.20358025
wavelet-HHH	glszm	ZoneVariance	9.911111111
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.06
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.492592593
wavelet-HHH	glszm	SizeZoneNonUniformity	44.33333333
wavelet-HHH	glszm	GrayLevelNonUniformity	5.4
wavelet-HHH	glszm	LargeAreaEmphasis	15.35555556
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	109.2079567
wavelet-HHH	glszm	ZonePercentage	0.428571429
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.180737168
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2252.488889
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	150.9
wavelet-HHH	glszm	SmallAreaEmphasis	0.725691461
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.037613367
wavelet-HHH	glszm	ZoneEntropy	5.22687008
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026860855
wavelet-HHH	ngtdm	Coarseness	0.029263203
wavelet-HHH	ngtdm	Complexity	488.5980529
wavelet-HHH	ngtdm	Strength	3.369561434
wavelet-HHH	ngtdm	Contrast	0.199161533
wavelet-HHH	ngtdm	Busyness	0.139670064
wavelet-HLL	gldm	GrayLevelVariance	50.36346939
wavelet-HLL	gldm	HighGrayLevelEmphasis	350.6428571
wavelet-HLL	gldm	DependenceEntropy	6.04931134
wavelet-HLL	gldm	DependenceNonUniformity	54.53333333

wavelet-HLL	gldm	GrayLevelNonUniformity	10.13333333
wavelet-HLL	gldm	SmallDependenceEmphasis	0.429847884
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	162.5693161
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.25968254
wavelet-HLL	gldm	LargeDependenceEmphasis	6.59047619
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.037529886
wavelet-HLL	gldm	DependenceVariance	1.452698413
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2004.919048
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008460453
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011097886
wavelet-HLL	glcm	JointAverage	16.6961216
wavelet-HLL	glcm	SumAverage	33.3922432
wavelet-HLL	glcm	JointEntropy	7.480114774
wavelet-HLL	glcm	ClusterShade	1668.489176
wavelet-HLL	glcm	MaximumProbability	0.020556109
wavelet-HLL	glcm	Idmn	0.977160961
wavelet-HLL	glcm	JointEnergy	0.006614967
wavelet-HLL	glcm	Contrast	53.83186568
wavelet-HLL	glcm	DifferenceEntropy	3.762214182
wavelet-HLL	glcm	InverseVariance	0.179891664
wavelet-HLL	glcm	DifferenceVariance	23.30345884
wavelet-HLL	glcm	Idn	0.901313676
wavelet-HLL	glcm	Idm	0.180520682
wavelet-HLL	glcm	Correlation	0.399165134
wavelet-HLL	glcm	Autocorrelation	296.9283912
wavelet-HLL	glcm	SumEntropy	5.029097075
wavelet-HLL	glcm	SumSquares	45.06034915
wavelet-HLL	glcm	ClusterProminence	83077.16576
wavelet-HLL	glcm	Imc2	0.980159715
wavelet-HLL	glcm	Imc1	-0.357069869
wavelet-HLL	glcm	DifferenceAverage	5.445202625
wavelet-HLL	glcm	Id	0.273195215
wavelet-HLL	glcm	ClusterTendency	126.4095309
wavelet-HLL	firstorder	InterquartileRange	233.1717505
wavelet-HLL	firstorder	Skewness	0.82223906
wavelet-HLL	firstorder	Uniformity	0.048253968
wavelet-HLL	firstorder	Median	-63.99363827
wavelet-HLL	firstorder	Energy	6795604.338
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	96.93395171
wavelet-HLL	firstorder	MeanAbsoluteDeviation	140.0984297
wavelet-HLL	firstorder	TotalEnergy	183481317.1
wavelet-HLL	firstorder	Maximum	696.5855596
wavelet-HLL	firstorder	RootMeanSquared	179.888912
wavelet-HLL	firstorder	90Percentile	199.10846
wavelet-HLL	firstorder	Minimum	-427.8050832
wavelet-HLL	firstorder	Entropy	4.6379615
wavelet-HLL	firstorder	Range	1124.390643
wavelet-HLL	firstorder	Variance	31520.70977
wavelet-HLL	firstorder	10Percentile	-221.1766434
wavelet-HLL	firstorder	Kurtosis	4.256208971
wavelet-HLL	firstorder	Mean	-28.97086269
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011264742
wavelet-HLL	glrlm	GrayLevelVariance	51.42957007
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.011428215
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.047332918
wavelet-HLL	glrlm	RunVariance	0.061769083

wavelet-HLL	glrlm	GrayLevelNonUniformity	9.456487302
wavelet-HLL	glrlm	LongRunEmphasis	1.167919854
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	341.6542215
wavelet-HLL	glrlm	RunLengthNonUniformity	182.4512289
wavelet-HLL	glrlm	ShortRunEmphasis	0.964967442
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	403.9544595
wavelet-HLL	glrlm	RunPercentage	0.951282051
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.012219036
wavelet-HLL	glrlm	RunEntropy	4.846416554
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	352.7352089
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.912782715
wavelet-HLL	glszm	GrayLevelVariance	67.60558876
wavelet-HLL	glszm	ZoneVariance	4.123053615
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038969784
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.427320933
wavelet-HLL	glszm	SizeZoneNonUniformity	46.57798165
wavelet-HLL	glszm	GrayLevelNonUniformity	4.247706422
wavelet-HLL	glszm	LargeAreaEmphasis	7.834862385
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	262.7524878
wavelet-HLL	glszm	ZonePercentage	0.519047619
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.050069529
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2232.779817
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	380.7981651
wavelet-HLL	glszm	SmallAreaEmphasis	0.677379816
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017048805
wavelet-HLL	glszm	ZoneEntropy	5.710767986
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015602553
wavelet-HLL	ngtdm	Coarseness	0.037131445
wavelet-HLL	ngtdm	Complexity	1674.402538
wavelet-HLL	ngtdm	Strength	17.22481909
wavelet-HLL	ngtdm	Contrast	0.314736415
wavelet-HLL	ngtdm	Busyness	0.054572668
wavelet-LHL	gldm	GrayLevelVariance	68.4839229
wavelet-LHL	gldm	HighGrayLevelEmphasis	354.7380952
wavelet-LHL	gldm	DependenceEntropy	6.08311723
wavelet-LHL	gldm	DependenceNonUniformity	72.7047619
wavelet-LHL	gldm	GrayLevelNonUniformity	7.780952381
wavelet-LHL	gldm	SmallDependenceEmphasis	0.576390212
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	225.1545608
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.346213152
wavelet-LHL	gldm	LargeDependenceEmphasis	4.323809524
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.086228029
wavelet-LHL	gldm	DependenceVariance	0.980136054
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1351.290476
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008749176
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.021676245
wavelet-LHL	glcm	JointAverage	16.54641736
wavelet-LHL	glcm	SumAverage	33.09283472
wavelet-LHL	glcm	JointEntropy	7.77164546
wavelet-LHL	glcm	ClusterShade	943.9182004
wavelet-LHL	glcm	MaximumProbability	0.013981852
wavelet-LHL	glcm	ldmn	0.942029717
wavelet-LHL	glcm	JointEnergy	0.005074254
wavelet-LHL	glcm	Contrast	106.9825225
wavelet-LHL	glcm	DifferenceEntropy	4.232574384
wavelet-LHL	glcm	InverseVariance	0.126750301

wavelet-LHL	glcm	DifferenceVariance	40.17628109
wavelet-LHL	glcm	Idn	0.84449001
wavelet-LHL	glcm	Idm	0.124743413
wavelet-LHL	glcm	Correlation	0.17919443
wavelet-LHL	glcm	Autocorrelation	285.8889325
wavelet-LHL	glcm	SumEntropy	5.26378525
wavelet-LHL	glcm	SumSquares	65.55473907
wavelet-LHL	glcm	ClusterProminence	74384.39345
wavelet-LHL	glcm	Imc2	0.989864778
wavelet-LHL	glcm	Imc1	-0.402714186
wavelet-LHL	glcm	DifferenceAverage	7.991491012
wavelet-LHL	glcm	Id	0.211851528
wavelet-LHL	glcm	ClusterTendency	155.2364337
wavelet-LHL	firstorder	InterquartileRange	282.90021
wavelet-LHL	firstorder	Skewness	0.309252808
wavelet-LHL	firstorder	Uniformity	0.037052154
wavelet-LHL	firstorder	Median	-61.67768446
wavelet-LHL	firstorder	Energy	9288895.062
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	120.3676029
wavelet-LHL	firstorder	MeanAbsoluteDeviation	167.861591
wavelet-LHL	firstorder	TotalEnergy	250800166.7
wavelet-LHL	firstorder	Maximum	505.9335063
wavelet-LHL	firstorder	RootMeanSquared	210.3160327
wavelet-LHL	firstorder	90Percentile	245.4380174
wavelet-LHL	firstorder	Minimum	-448.7668519
wavelet-LHL	firstorder	Entropy	4.910492826
wavelet-LHL	firstorder	Range	954.7003582
wavelet-LHL	firstorder	Variance	42733.40997
wavelet-LHL	firstorder	10Percentile	-300.0616956
wavelet-LHL	firstorder	Kurtosis	2.481037015
wavelet-LHL	firstorder	Mean	-38.7223922
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021015727
wavelet-LHL	glrlm	GrayLevelVariance	69.19896479
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.021607399
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.036779916
wavelet-LHL	glrlm	RunVariance	0.032568148
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.477786846
wavelet-LHL	glrlm	LongRunEmphasis	1.100598495
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	348.9954384
wavelet-LHL	glrlm	RunLengthNonUniformity	190.6446706
wavelet-LHL	glrlm	ShortRunEmphasis	0.975279874
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	386.8623507
wavelet-LHL	glrlm	RunPercentage	0.968131868
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.023980797
wavelet-LHL	glrlm	RunEntropy	5.046460149
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	356.4808597
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.937066445
wavelet-LHL	glszm	GrayLevelVariance	77.2475
wavelet-LHL	glszm	ZoneVariance	1.064285714
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034081633
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.55244898
wavelet-LHL	glszm	SizeZoneNonUniformity	77.34285714
wavelet-LHL	glszm	GrayLevelNonUniformity	4.771428571
wavelet-LHL	glszm	LargeAreaEmphasis	3.314285714
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	310.0334127
wavelet-LHL	glszm	ZonePercentage	0.666666667

wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.067828298
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1051.621429
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	381.75
wavelet-LHL	glszm	SmallAreaEmphasis	0.771702381
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.018508715
wavelet-LHL	glszm	ZoneEntropy	5.764483599
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009780054
wavelet-LHL	ngtdm	Coarseness	0.02667237
wavelet-LHL	ngtdm	Complexity	2859.237457
wavelet-LHL	ngtdm	Strength	10.97952893
wavelet-LHL	ngtdm	Contrast	0.637117906
wavelet-LHL	ngtdm	Busyness	0.079920782
wavelet-LHH	gldm	GrayLevelVariance	32.8829932
wavelet-LHH	gldm	HighGrayLevelEmphasis	415.9238095
wavelet-LHH	gldm	DependenceEntropy	5.934287635
wavelet-LHH	gldm	DependenceNonUniformity	55.08571429
wavelet-LHH	gldm	GrayLevelNonUniformity	12.51428571
wavelet-LHH	gldm	SmallDependenceEmphasis	0.494067298
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	213.290759
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.262312925
wavelet-LHH	gldm	LargeDependenceEmphasis	7.4
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025940103
wavelet-LHH	gldm	DependenceVariance	2.131882086
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2899.895238
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00697455
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.008367653
wavelet-LHH	glcm	JointAverage	19.62778903
wavelet-LHH	glcm	SumAverage	39.25557807
wavelet-LHH	glcm	JointEntropy	7.314819248
wavelet-LHH	glcm	ClusterShade	157.971726
wavelet-LHH	glcm	MaximumProbability	0.024380176
wavelet-LHH	glcm	ldmn	0.970500733
wavelet-LHH	glcm	JointEnergy	0.007793034
wavelet-LHH	glcm	Contrast	62.38959487
wavelet-LHH	glcm	DifferenceEntropy	3.885334496
wavelet-LHH	glcm	InverseVariance	0.180825498
wavelet-LHH	glcm	DifferenceVariance	27.88759752
wavelet-LHH	glcm	ldn	0.890097214
wavelet-LHH	glcm	ldm	0.182068067
wavelet-LHH	glcm	Correlation	-0.019111815
wavelet-LHH	glcm	Autocorrelation	384.5834409
wavelet-LHH	glcm	SumEntropy	4.663688022
wavelet-LHH	glcm	SumSquares	30.50695893
wavelet-LHH	glcm	ClusterProminence	17188.25129
wavelet-LHH	glcm	lmc2	0.96226869
wavelet-LHH	glcm	lmc1	-0.302732218
wavelet-LHH	glcm	DifferenceAverage	5.814763963
wavelet-LHH	glcm	ld	0.271485108
wavelet-LHH	glcm	ClusterTendency	59.63824085
wavelet-LHH	firstorder	InterquartileRange	164.3047311
wavelet-LHH	firstorder	Skewness	0.395157271
wavelet-LHH	firstorder	Uniformity	0.059591837
wavelet-LHH	firstorder	Median	-3.363613218
wavelet-LHH	firstorder	Energy	4318674.493
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	67.98607994
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.4210758

wavelet-LHH	firstorder	TotalEnergy	116604211.3
wavelet-LHH	firstorder	Maximum	576.1630627
wavelet-LHH	firstorder	RootMeanSquared	143.4054275
wavelet-LHH	firstorder	90Percentile	159.7057742
wavelet-LHH	firstorder	Minimum	-463.1001066
wavelet-LHH	firstorder	Entropy	4.387102785
wavelet-LHH	firstorder	Range	1039.263169
wavelet-LHH	firstorder	Variance	20561.77379
wavelet-LHH	firstorder	10Percentile	-170.0402592
wavelet-LHH	firstorder	Kurtosis	4.716768816
wavelet-LHH	firstorder	Mean	1.828343068
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.008563198
wavelet-LHH	grlm	GrayLevelVariance	34.23292334
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.008664011
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.05766858
wavelet-LHH	grlm	RunVariance	0.058150975
wavelet-LHH	grlm	GrayLevelNonUniformity	11.50831373
wavelet-LHH	grlm	LongRunEmphasis	1.166456121
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	402.3077377
wavelet-LHH	grlm	RunLengthNonUniformity	181.1200134
wavelet-LHH	grlm	ShortRunEmphasis	0.96291287
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	482.2720743
wavelet-LHH	grlm	RunPercentage	0.95018315
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.009122422
wavelet-LHH	grlm	RunEntropy	4.630483317
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	417.0588352
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.907321608
wavelet-LHH	glszm	GrayLevelVariance	52.58026159
wavelet-LHH	glszm	ZoneVariance	4.274375743
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.042508918
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.566438763
wavelet-LHH	glszm	SizeZoneNonUniformity	65.70689655
wavelet-LHH	glszm	GrayLevelNonUniformity	4.931034483
wavelet-LHH	glszm	LargeAreaEmphasis	7.551724138
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	338.8303526
wavelet-LHH	glszm	ZonePercentage	0.552380952
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.030780233
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2997.396552
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	428.137931
wavelet-LHH	glszm	SmallAreaEmphasis	0.77733058
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.012934704
wavelet-LHH	glszm	ZoneEntropy	5.435483315
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.01230195
wavelet-LHH	ngtdm	Coarseness	0.028835557
wavelet-LHH	ngtdm	Complexity	1726.717136
wavelet-LHH	ngtdm	Strength	9.054257274
wavelet-LHH	ngtdm	Contrast	0.317324714
wavelet-LHH	ngtdm	Busyness	0.057722047
wavelet-LLH	gldm	GrayLevelVariance	170.6933333
wavelet-LLH	gldm	HighGrayLevelEmphasis	1000.133333
wavelet-LLH	gldm	DependenceEntropy	6.307837502
wavelet-LLH	gldm	DependenceNonUniformity	77.55238095
wavelet-LLH	gldm	GrayLevelNonUniformity	6.876190476
wavelet-LLH	gldm	SmallDependenceEmphasis	0.617975489
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	707.1554144
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.369297052



wavelet-LLH	gldm	LargeDependenceEmphasis	4.952380952
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.014083662
wavelet-LLH	gldm	DependenceVariance	1.467936508
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3840.342857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00698557
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007672945
wavelet-LLH	glcm	JointAverage	27.69813843
wavelet-LLH	glcm	SumAverage	55.39627685
wavelet-LLH	glcm	JointEntropy	7.777246906
wavelet-LLH	glcm	ClusterShade	9009.60732
wavelet-LLH	glcm	MaximumProbability	0.015874199
wavelet-LLH	glcm	ldmn	0.961535106
wavelet-LLH	glcm	JointEnergy	0.005133745
wavelet-LLH	glcm	Contrast	223.7865241
wavelet-LLH	glcm	DifferenceEntropy	4.487739175
wavelet-LLH	glcm	InverseVariance	0.147913368
wavelet-LLH	glcm	DifferenceVariance	113.6566569
wavelet-LLH	glcm	ldn	0.88480782
wavelet-LLH	glcm	ldm	0.135344205
wavelet-LLH	glcm	Correlation	0.200180041
wavelet-LLH	glcm	Autocorrelation	802.4806047
wavelet-LLH	glcm	SumEntropy	5.461053226
wavelet-LLH	glcm	SumSquares	146.8609544
wavelet-LLH	glcm	ClusterProminence	731105.5715
wavelet-LLH	glcm	lmc2	0.996842859
wavelet-LLH	glcm	lmc1	-0.49268637
wavelet-LLH	glcm	DifferenceAverage	10.09841826
wavelet-LLH	glcm	ld	0.214499863
wavelet-LLH	glcm	ClusterTendency	363.6572934
wavelet-LLH	firstorder	InterquartileRange	302.6323544
wavelet-LLH	firstorder	Skewness	1.028657976
wavelet-LLH	firstorder	Uniformity	0.032743764
wavelet-LLH	firstorder	Median	-50.53377815
wavelet-LLH	firstorder	Energy	22498682.41
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	137.1515124
wavelet-LLH	firstorder	MeanAbsoluteDeviation	237.6235999
wavelet-LLH	firstorder	TotalEnergy	607464425
wavelet-LLH	firstorder	Maximum	988.2204393
wavelet-LLH	firstorder	RootMeanSquared	327.3172511
wavelet-LLH	firstorder	90Percentile	441.0141829
wavelet-LLH	firstorder	Minimum	-676.4914275
wavelet-LLH	firstorder	Entropy	5.318380482
wavelet-LLH	firstorder	Range	1664.711867
wavelet-LLH	firstorder	Variance	107077.7408
wavelet-LLH	firstorder	10Percentile	-350.8387792
wavelet-LLH	firstorder	Kurtosis	4.112662601
wavelet-LLH	firstorder	Mean	7.670860741
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007840693
wavelet-LLH	glrlm	GrayLevelVariance	175.1806283
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007883021
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.031809008
wavelet-LLH	glrlm	RunVariance	0.037905918
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.458780396
wavelet-LLH	glrlm	LongRunEmphasis	1.110103785
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	991.0192145
wavelet-LLH	glrlm	RunLengthNonUniformity	190.5042644

wavelet-LLH	glrlm	ShortRunEmphasis	0.975090411
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1089.936151
wavelet-LLH	glrlm	RunPercentage	0.966666667
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.008068961
wavelet-LLH	glrlm	RunEntropy	5.473828294
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1009.45367
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.937417028
wavelet-LLH	glszm	GrayLevelVariance	226.5257389
wavelet-LLH	glszm	ZoneVariance	2.193215632
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.024895854
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.658797858
wavelet-LLH	glszm	SizeZoneNonUniformity	93.54929577
wavelet-LLH	glszm	GrayLevelNonUniformity	3.535211268
wavelet-LLH	glszm	LargeAreaEmphasis	4.38028169
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	985.6781815
wavelet-LLH	glszm	ZonePercentage	0.676190476
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.016036938
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3468.830986
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1123.570423
wavelet-LLH	glszm	SmallAreaEmphasis	0.836143881
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01050729
wavelet-LLH	glszm	ZoneEntropy	6.116168556
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.010184583
wavelet-LLH	ngtdm	Coarseness	0.032860033
wavelet-LLH	ngtdm	Complexity	10274.83801
wavelet-LLH	ngtdm	Strength	42.08828771
wavelet-LLH	ngtdm	Contrast	0.762338945
wavelet-LLH	ngtdm	Busyness	0.021356577
wavelet-LLL	gldm	GrayLevelVariance	502.6783673
wavelet-LLL	gldm	HighGrayLevelEmphasis	3696.542857
wavelet-LLL	gldm	DependenceEntropy	6.480094165
wavelet-LLL	gldm	DependenceNonUniformity	115.6095238
wavelet-LLL	gldm	GrayLevelNonUniformity	3.885714286
wavelet-LLL	gldm	SmallDependenceEmphasis	0.767178457
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2444.516553
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.550521542
wavelet-LLL	gldm	LargeDependenceEmphasis	4.171428571
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006439459
wavelet-LLL	gldm	DependenceVariance	1.76154195
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	24192.91429
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005814528
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005874243
wavelet-LLL	glcm	JointAverage	62.12537655
wavelet-LLL	glcm	SumAverage	124.2507531
wavelet-LLL	glcm	JointEntropy	8.017297533
wavelet-LLL	glcm	ClusterShade	-28061.76469
wavelet-LLL	glcm	MaximumProbability	0.016271961
wavelet-LLL	glcm	ldmn	0.944619732
wavelet-LLL	glcm	JointEnergy	0.004182758
wavelet-LLL	glcm	Contrast	522.6117371
wavelet-LLL	glcm	DifferenceEntropy	5.191453247
wavelet-LLL	glcm	InverseVariance	0.090054107
wavelet-LLL	glcm	DifferenceVariance	209.1199906
wavelet-LLL	glcm	ldn	0.849858843
wavelet-LLL	glcm	ldm	0.083626987
wavelet-LLL	glcm	Correlation	0.414929778

wavelet-LLL	glcm	Autocorrelation	4045.209671
wavelet-LLL	glcm	SumEntropy	6.18402476
wavelet-LLL	glcm	SumSquares	446.4229258
wavelet-LLL	glcm	ClusterProminence	4229109.438
wavelet-LLL	glcm	Imc2	0.999565448
wavelet-LLL	glcm	Imc1	-0.611041656
wavelet-LLL	glcm	DifferenceAverage	17.54271905
wavelet-LLL	glcm	Id	0.144883756
wavelet-LLL	glcm	ClusterTendency	1263.079966
wavelet-LLL	firstorder	InterquartileRange	892.9892609
wavelet-LLL	firstorder	Skewness	-0.431476113
wavelet-LLL	firstorder	Uniformity	0.018503401
wavelet-LLL	firstorder	Median	-491.1557313
wavelet-LLL	firstorder	Energy	123861308.7
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	368.3779046
wavelet-LLL	firstorder	MeanAbsoluteDeviation	473.407992
wavelet-LLL	firstorder	TotalEnergy	3344255335
wavelet-LLL	firstorder	Maximum	276.9225443
wavelet-LLL	firstorder	RootMeanSquared	767.9946326
wavelet-LLL	firstorder	90Percentile	167.9482771
wavelet-LLL	firstorder	Minimum	-1920.407926
wavelet-LLL	firstorder	Entropy	5.982126291
wavelet-LLL	firstorder	Range	2197.330471
wavelet-LLL	firstorder	Variance	314305.637
wavelet-LLL	firstorder	10Percentile	-1382.514033
wavelet-LLL	firstorder	Kurtosis	2.179244383
wavelet-LLL	firstorder	Mean	-524.8905778
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005994703
wavelet-LLL	glrlm	GrayLevelVariance	500.9332442
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005998023
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017845964
wavelet-LLL	glrlm	RunVariance	0.02350632
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.668722287
wavelet-LLL	glrlm	LongRunEmphasis	1.067823707
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3552.151097
wavelet-LLL	glrlm	RunLengthNonUniformity	197.2841543
wavelet-LLL	glrlm	ShortRunEmphasis	0.984311367
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	4056.336184
wavelet-LLL	glrlm	RunPercentage	0.978754579
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.00601202
wavelet-LLL	glrlm	RunEntropy	6.063956615
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3645.834493
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.959604957
wavelet-LLL	glszm	GrayLevelVariance	491.9014334
wavelet-LLL	glszm	ZoneVariance	0.746165926
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016472318
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.755354339
wavelet-LLL	glszm	SizeZoneNonUniformity	130.6763006
wavelet-LLL	glszm	GrayLevelNonUniformity	2.849710983
wavelet-LLL	glszm	LargeAreaEmphasis	2.219653179
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2765.149736
wavelet-LLL	glszm	ZonePercentage	0.823809524
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.00731902
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10855.36416
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3302.739884
wavelet-LLL	glszm	SmallAreaEmphasis	0.891866975

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007078421
wavelet-LLL	glszm	ZoneEntropy	6.329589014
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007047205
wavelet-LLL	ngtdm	Coarseness	0.025008385
wavelet-LLL	ngtdm	Complexity	28348.77172
wavelet-LLL	ngtdm	Strength	67.40401862
wavelet-LLL	ngtdm	Contrast	2.186133486
wavelet-LLL	ngtdm	Busyness	0.009854369
wavelet-HHL	gldm	GrayLevelVariance	16.59863946
wavelet-HHL	gldm	HighGrayLevelEmphasis	157.1904762
wavelet-HHL	gldm	DependenceEntropy	5.768994712
wavelet-HHL	gldm	DependenceNonUniformity	46.96190476
wavelet-HHL	gldm	GrayLevelNonUniformity	16.23809524
wavelet-HHL	gldm	SmallDependenceEmphasis	0.381110207
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	68.79564797
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.223628118
wavelet-HHL	gldm	LargeDependenceEmphasis	9.238095238
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.089456304
wavelet-HHL	gldm	DependenceVariance	2.478095238
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1302.495238
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010606075
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.017164412
wavelet-HHL	glcm	JointAverage	11.79448169
wavelet-HHL	glcm	SumAverage	23.58896338
wavelet-HHL	glcm	JointEntropy	6.992677433
wavelet-HHL	glcm	ClusterShade	34.62433601
wavelet-HHL	glcm	MaximumProbability	0.029179812
wavelet-HHL	glcm	Idmn	0.952496424
wavelet-HHL	glcm	JointEnergy	0.009934892
wavelet-HHL	glcm	Contrast	31.98159159
wavelet-HHL	glcm	DifferenceEntropy	3.522894939
wavelet-HHL	glcm	InverseVariance	0.226707481
wavelet-HHL	glcm	DifferenceVariance	12.70784313
wavelet-HHL	glcm	Idn	0.85895175
wavelet-HHL	glcm	Idm	0.223729269
wavelet-HHL	glcm	Correlation	-0.006440891
wavelet-HHL	glcm	Autocorrelation	139.023979
wavelet-HHL	glcm	SumEntropy	4.340135459
wavelet-HHL	glcm	SumSquares	15.89331552
wavelet-HHL	glcm	ClusterProminence	3358.403279
wavelet-HHL	glcm	Imc2	0.913812127
wavelet-HHL	glcm	Imc1	-0.229070338
wavelet-HHL	glcm	DifferenceAverage	4.353783176
wavelet-HHL	glcm	Id	0.312699573
wavelet-HHL	glcm	ClusterTendency	31.5916705
wavelet-HHL	firstorder	InterquartileRange	129.6896543
wavelet-HHL	firstorder	Skewness	0.174868834
wavelet-HHL	firstorder	Uniformity	0.077324263
wavelet-HHL	firstorder	Median	3.751168934
wavelet-HHL	firstorder	Energy	2179806.626
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	53.29637611
wavelet-HHL	firstorder	MeanAbsoluteDeviation	78.64326713
wavelet-HHL	firstorder	TotalEnergy	58854778.89
wavelet-HHL	firstorder	Maximum	303.1144229
wavelet-HHL	firstorder	RootMeanSquared	101.8824399
wavelet-HHL	firstorder	90Percentile	131.7368045

wavelet-HHL	firstorder	Minimum	-255.731214
wavelet-HHL	firstorder	Entropy	3.98806193
wavelet-HHL	firstorder	Range	558.845637
wavelet-HHL	firstorder	Variance	10288.08882
wavelet-HHL	firstorder	10Percentile	-121.8264471
wavelet-HHL	firstorder	Kurtosis	3.165336121
wavelet-HHL	firstorder	Mean	9.588677022
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.01724053
wavelet-HHL	grlm	GrayLevelVariance	17.24931151
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.01768082
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.074823116
wavelet-HHL	grlm	RunVariance	0.067487538
wavelet-HHL	grlm	GrayLevelNonUniformity	14.74611259
wavelet-HHL	grlm	LongRunEmphasis	1.204205555
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	151.4824636
wavelet-HHL	grlm	RunLengthNonUniformity	174.0708627
wavelet-HHL	grlm	ShortRunEmphasis	0.952447268
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	187.0820341
wavelet-HHL	grlm	RunPercentage	0.938461538
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.019599418
wavelet-HHL	grlm	RunEntropy	4.293469427
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	158.2244689
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.882622878
wavelet-HHL	glszm	GrayLevelVariance	26.6930281
wavelet-HHL	glszm	ZoneVariance	9.653832813
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058619494
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.41611747
wavelet-HHL	glszm	SizeZoneNonUniformity	38.69892473
wavelet-HHL	glszm	GrayLevelNonUniformity	5.451612903
wavelet-HHL	glszm	LargeAreaEmphasis	14.75268817
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	127.777252
wavelet-HHL	glszm	ZonePercentage	0.442857143
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.141662397
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2088.623656
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	173.8064516
wavelet-HHL	glszm	SmallAreaEmphasis	0.670024887
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.026192186
wavelet-HHL	glszm	ZoneEntropy	5.438044532
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.021758596
wavelet-HHL	ngtdm	Coarseness	0.029584049
wavelet-HHL	ngtdm	Complexity	690.8301376
wavelet-HHL	ngtdm	Strength	4.602817435
wavelet-HHL	ngtdm	Contrast	0.193908769
wavelet-HHL	ngtdm	Busyness	0.114876033
wavelet-HLH	gldm	GrayLevelVariance	19.64646259
wavelet-HLH	gldm	HighGrayLevelEmphasis	198.8238095
wavelet-HLH	gldm	DependenceEntropy	5.792780892
wavelet-HLH	gldm	DependenceNonUniformity	49.19047619
wavelet-HLH	gldm	GrayLevelNonUniformity	16.0952381
wavelet-HLH	gldm	SmallDependenceEmphasis	0.429309674
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	98.36922025
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.234240363
wavelet-HLH	gldm	LargeDependenceEmphasis	10.79047619
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.086280745
wavelet-HLH	gldm	DependenceVariance	3.881088435
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1820.37619

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015503409
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.019875544
wavelet-HLH	glcm	JointAverage	13.41791969
wavelet-HLH	glcm	SumAverage	26.83583938
wavelet-HLH	glcm	JointEntropy	6.97448516
wavelet-HLH	glcm	ClusterShade	47.08969681
wavelet-HLH	glcm	MaximumProbability	0.037512897
wavelet-HLH	glcm	ldmn	0.959513505
wavelet-HLH	glcm	JointEnergy	0.010718994
wavelet-HLH	glcm	Contrast	40.62428443
wavelet-HLH	glcm	DifferenceEntropy	3.61275318
wavelet-HLH	glcm	InverseVariance	0.234799484
wavelet-HLH	glcm	DifferenceVariance	18.58251657
wavelet-HLH	glcm	ldn	0.874547237
wavelet-HLH	glcm	ldm	0.227343623
wavelet-HLH	glcm	Correlation	-0.026721096
wavelet-HLH	glcm	Autocorrelation	179.4574897
wavelet-HLH	glcm	SumEntropy	4.395361939
wavelet-HLH	glcm	SumSquares	19.71991002
wavelet-HLH	glcm	ClusterProminence	6611.82893
wavelet-HLH	glcm	lmc2	0.93942789
wavelet-HLH	glcm	lmc1	-0.268480202
wavelet-HLH	glcm	DifferenceAverage	4.643219845
wavelet-HLH	glcm	ld	0.313848196
wavelet-HLH	glcm	ClusterTendency	38.25535566
wavelet-HLH	firstorder	InterquartileRange	116.215026
wavelet-HLH	firstorder	Skewness	0.128979784
wavelet-HLH	firstorder	Uniformity	0.076643991
wavelet-HLH	firstorder	Median	-12.68640186
wavelet-HLH	firstorder	Energy	2568103.709
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	50.71243875
wavelet-HLH	firstorder	MeanAbsoluteDeviation	81.5276092
wavelet-HLH	firstorder	TotalEnergy	69338800.15
wavelet-HLH	firstorder	Maximum	375.9231227
wavelet-HLH	firstorder	RootMeanSquared	110.5851043
wavelet-HLH	firstorder	90Percentile	129.3117253
wavelet-HLH	firstorder	Minimum	-316.9200712
wavelet-HLH	firstorder	Entropy	4.056600885
wavelet-HLH	firstorder	Range	692.8431939
wavelet-HLH	firstorder	Variance	12219.72936
wavelet-HLH	firstorder	10Percentile	-142.1731278
wavelet-HLH	firstorder	Kurtosis	4.147942632
wavelet-HLH	firstorder	Mean	-3.055474789
wavelet-HLH	gldm	ShortRunLowGrayLevelEmphasis	0.020401247
wavelet-HLH	gldm	GrayLevelVariance	20.55540602
wavelet-HLH	gldm	LowGrayLevelRunEmphasis	0.020739563
wavelet-HLH	gldm	GrayLevelNonUniformityNormalized	0.073498308
wavelet-HLH	gldm	RunVariance	0.076795983
wavelet-HLH	gldm	GrayLevelNonUniformity	14.47396507
wavelet-HLH	gldm	LongRunEmphasis	1.217654138
wavelet-HLH	gldm	ShortRunHighGrayLevelEmphasis	192.9048102
wavelet-HLH	gldm	RunLengthNonUniformity	174.2666448
wavelet-HLH	gldm	ShortRunEmphasis	0.952865133
wavelet-HLH	gldm	LongRunHighGrayLevelEmphasis	237.5779186
wavelet-HLH	gldm	RunPercentage	0.937362637
wavelet-HLH	gldm	LongRunLowGrayLevelEmphasis	0.022274858

wavelet-HLH	glrlm	RunEntropy	4.359143548
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	200.8538018
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.8841744
wavelet-HLH	glszm	GrayLevelVariance	30.87038549
wavelet-HLH	glszm	ZoneVariance	7.86666667
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.057414966
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.472653061
wavelet-HLH	glszm	SizeZoneNonUniformity	49.62857143
wavelet-HLH	glszm	GrayLevelNonUniformity	6.028571429
wavelet-HLH	glszm	LargeAreaEmphasis	11.86666667
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	170.1818829
wavelet-HLH	glszm	ZonePercentage	0.5
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.104384509
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2033.114286
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	223.4190476
wavelet-HLH	glszm	SmallAreaEmphasis	0.713583365
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.032351719
wavelet-HLH	glszm	ZoneEntropy	5.443794599
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029866669
wavelet-HLH	ngtdm	Coarseness	0.030564485
wavelet-HLH	ngtdm	Complexity	949.837486
wavelet-HLH	ngtdm	Strength	6.358452658
wavelet-HLH	ngtdm	Contrast	0.192117621
wavelet-HLH	ngtdm	Busyness	0.081825451

Image type	Feature Class	Feature Name	
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general	info	MaskHash	1.13.1
general	info	NumpyVersion	0.5.2
general	info	PyWaveletVersion	1.1.0
general	info	SimpleITKVersion	1.3.0.post102+g1b0eb74
general	info	Version	
general	info	VolumeNum	1
general	info	VoxelNum	156
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original	shape	MinorAxis	18.41043473
original	shape	Elongation	0.824004434
original	shape	SurfaceVolumeRatio	0.371729891
original	shape	Volume	4212
original	shape	MajorAxis	22.34264038
original	shape	SurfaceArea	1565.726299
original	shape	Flatness	0.722888267
original	shape	LeastAxis	16.15123258
original	shape	Maximum2DDiameterColumn	22.84731932
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original	gldm	GrayLevelVariance	124.4534845
original	gldm	HighGrayLevelEmphasis	712.2051282
original	gldm	DependenceEntropy	5.938106927
original	gldm	DependenceNonUniformity	53.51282051
original	gldm	GrayLevelNonUniformity	6.576923077
original	gldm	SmallDependenceEmphasis	0.601594244
original	gldm	SmallDependenceHighGrayLevelEmphasis	339.380339
original	gldm	DependenceNonUniformityNormalized	0.343030901
original	gldm	LargeDependenceEmphasis	8.307692308
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.053215296
original	gldm	DependenceVariance	3.50147929
original	gldm	LargeDependenceHighGrayLevelEmphasis	9251.371795
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.019232172



original	gldm	LowGrayLevelEmphasis	0.023227508
original	glcm	JointAverage	26.27673449
original	glcm	SumAverage	52.55346898
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original	glcm	MaximumProbability	0.030291139
original	glcm	ldmn	0.907121087
original	glcm	JointEnergy	0.008252637
original	glcm	Contrast	180.6559269
original	glcm	DifferenceEntropy	4.461491931
original	glcm	InverseVariance	0.12112523
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original	glcm	ldn	0.813669031
original	glcm	ldm	0.14500377
original	glcm	Correlation	0.195089756
original	glcm	Autocorrelation	712.2744824
original	glcm	SumEntropy	5.277174904
original	glcm	SumSquares	112.0438682
original	glcm	ClusterProminence	194108.5124
original	glcm	lmc2	0.992116578
original	glcm	lmc1	-0.450866031
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original	glcm	ClusterTendency	267.5195461
original	firstorder	InterquartileRange	472
original	firstorder	Skewness	-0.597365757
original	firstorder	Uniformity	0.042159763
original	firstorder	Median	-195.5
original	firstorder	Energy	22362009
original	firstorder	RobustMeanAbsoluteDeviation	185.6123829
original	firstorder	MeanAbsoluteDeviation	236.9583333
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original	firstorder	90Percentile	44.5
original	firstorder	Minimum	-847
original	firstorder	Entropy	4.849872194
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original	firstorder	Kurtosis	2.067592774
original	firstorder	Mean	-256.9423077
original	glrlm	ShortRunLowGrayLevelEmphasis	0.023810991
original	glrlm	GrayLevelVariance	123.6579209
original	glrlm	LowGrayLevelRunEmphasis	0.024045556
original	glrlm	GrayLevelNonUniformityNormalized	0.039600445
original	glrlm	RunVariance	0.048892102
original	glrlm	GrayLevelNonUniformity	5.897560712
original	glrlm	LongRunEmphasis	1.149436578
original	glrlm	ShortRunHighGrayLevelEmphasis	654.7170675
original	glrlm	RunLengthNonUniformity	135.7752876
original	glrlm	ShortRunEmphasis	0.964446739
original	glrlm	LongRunHighGrayLevelEmphasis	857.8576959

original	glrlm	RunPercentage	0.954142012
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original	glrlm	RunEntropy	5.055198784
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original	glrlm	RunLengthNonUniformityNormalized	0.911119141
original	glszm	GrayLevelVariance	109.8831361
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original	glszm	GrayLevelNonUniformityNormalized	0.033099112
original	glszm	SizeZoneNonUniformityNormalized	0.658468935
original	glszm	SizeZoneNonUniformity	68.48076923
original	glszm	GrayLevelNonUniformity	3.442307692
original	glszm	LargeAreaEmphasis	5.461538462
original	glszm	SmallAreaHighGrayLevelEmphasis	456.6292059
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original	glszm	HighGrayLevelZoneEmphasis	570.4807692
original	glszm	SmallAreaEmphasis	0.837045278
original	glszm	LowGrayLevelZoneEmphasis	0.030529062
original	glszm	ZoneEntropy	5.499537286
original	glszm	SmallAreaLowGrayLevelEmphasis	0.02811229
original	ngtdm	Coarseness	0.02070546
original	ngtdm	Complexity	4678.051795
original	ngtdm	Strength	15.36659202
original	ngtdm	Contrast	1.578851405
original	ngtdm	Busyness	0.050208214
wavelet-HHH	gldm	GrayLevelVariance	21.21383958
wavelet-HHH	gldm	HighGrayLevelEmphasis	200.7051282
wavelet-HHH	gldm	DependenceEntropy	5.490240082
wavelet-HHH	gldm	DependenceNonUniformity	47.64102564
wavelet-HHH	gldm	GrayLevelNonUniformity	10.69230769
wavelet-HHH	gldm	SmallDependenceEmphasis	0.466937322
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	93.75685363
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.30539119
wavelet-HHH	gldm	LargeDependenceEmphasis	5.179487179
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041144357
wavelet-HHH	gldm	DependenceVariance	1.024161736
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1036.820513
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011876024
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.015415551
wavelet-HHH	glcm	JointAverage	13.41583938
wavelet-HHH	glcm	SumAverage	26.83167876
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wavelet-HHH	glcm	ClusterShade	-10.55658303
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wavelet-HHH	glcm	ldmn	0.941611216
wavelet-HHH	glcm	JointEnergy	0.009637062
wavelet-HHH	glcm	Contrast	43.46964016
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wavelet-HHH	glcm	InverseVariance	0.17853408
wavelet-HHH	glcm	DifferenceVariance	15.75729975
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wavelet-HHH	glcm	DifferenceAverage	5.216556105
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wavelet-HHH	firstorder	Uniformity	0.068540434
wavelet-HHH	firstorder	Median	6.850849673
wavelet-HHH	firstorder	Energy	2068546.451
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	61.70838517
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wavelet-HHH	firstorder	Maximum	285.6715207
wavelet-HHH	firstorder	RootMeanSquared	115.1516962
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wavelet-HHH	firstorder	Entropy	4.115901937
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wavelet-HHH	firstorder	Mean	-1.704616515
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.015602006
wavelet-HHH	glrlm	GrayLevelVariance	21.67447895
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.01579572
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.067357351
wavelet-HHH	glrlm	RunVariance	0.042973479
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.09062967
wavelet-HHH	glrlm	LongRunEmphasis	1.128879516
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	194.6462844
wavelet-HHH	glrlm	RunLengthNonUniformity	138.3046377
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	226.4231777
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wavelet-HHH	glszm	LargeAreaEmphasis	5.813953488
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	137.9499229
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wavelet-HLL	gldm	HighGrayLevelEmphasis	639.8846154
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wavelet-HLL	gldm	DependenceNonUniformity	65.62820513
wavelet-HLL	gldm	GrayLevelNonUniformity	5.525641026
wavelet-HLL	gldm	SmallDependenceEmphasis	0.64894943
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	465.7559206
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wavelet-HLL	gldm	LargeDependenceEmphasis	3.08974359
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01741363
wavelet-HLL	gldm	DependenceVariance	0.562458909
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1694.705128
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.011159675
wavelet-HLL	glcm	JointAverage	22.50455115
wavelet-HLL	glcm	SumAverage	45.0091023
wavelet-HLL	glcm	JointEntropy	7.386851849
wavelet-HLL	glcm	ClusterShade	3048.941962
wavelet-HLL	glcm	MaximumProbability	0.01608498
wavelet-HLL	glcm	Idmn	0.963944843
wavelet-HLL	glcm	JointEnergy	0.006400461
wavelet-HLL	glcm	Contrast	156.2875324
wavelet-HLL	glcm	DifferenceEntropy	4.325780377
wavelet-HLL	glcm	InverseVariance	0.126573613
wavelet-HLL	glcm	DifferenceVariance	65.68788819
wavelet-HLL	glcm	Idn	0.878348771
wavelet-HLL	glcm	Idm	0.112361445
wavelet-HLL	glcm	Correlation	0.210966558
wavelet-HLL	glcm	Autocorrelation	529.5218493
wavelet-HLL	glcm	SumEntropy	5.327860516
wavelet-HLL	glcm	SumSquares	100.778141
wavelet-HLL	glcm	ClusterProminence	283091.0061
wavelet-HLL	glcm	Imc2	0.997734089
wavelet-HLL	glcm	Imc1	-0.537585919
wavelet-HLL	glcm	DifferenceAverage	9.302238751
wavelet-HLL	glcm	Id	0.195546756
wavelet-HLL	glcm	ClusterTendency	246.8250316
wavelet-HLL	firstorder	InterquartileRange	291.9878861
wavelet-HLL	firstorder	Skewness	0.801926023
wavelet-HLL	firstorder	Uniformity	0.035420776
wavelet-HLL	firstorder	Median	-23.1424615

wavelet-HLL	firstorder	Energy	10456763.13
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	122.8419427
wavelet-HLL	firstorder	MeanAbsoluteDeviation	193.0151842
wavelet-HLL	firstorder	TotalEnergy	282332604.6
wavelet-HLL	firstorder	Maximum	941.0667303
wavelet-HLL	firstorder	RootMeanSquared	258.9025549
wavelet-HLL	firstorder	90Percentile	287.6072248
wavelet-HLL	firstorder	Minimum	-567.5990663
wavelet-HLL	firstorder	Entropy	5.098615234
wavelet-HLL	firstorder	Range	1508.665797
wavelet-HLL	firstorder	Variance	66908.84138
wavelet-HLL	firstorder	10Percentile	-328.3297193
wavelet-HLL	firstorder	Kurtosis	4.695648852
wavelet-HLL	firstorder	Mean	-11.03138865
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.011293318
wavelet-HLL	grlm	GrayLevelVariance	108.4266087
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.01134751
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.035025733
wavelet-HLL	grlm	RunVariance	0.02472156
wavelet-HLL	grlm	GrayLevelNonUniformity	5.340904673
wavelet-HLL	grlm	LongRunEmphasis	1.072489627
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	634.5892351
wavelet-HLL	grlm	RunLengthNonUniformity	145.8984002
wavelet-HLL	grlm	ShortRunEmphasis	0.983028719
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	679.4195228
wavelet-HLL	grlm	RunPercentage	0.977317554
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.011574392
wavelet-HLL	grlm	RunEntropy	5.189452542
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	643.1277345
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.956500726
wavelet-HLL	glszm	GrayLevelVariance	130.6734216
wavelet-HLL	glszm	ZoneVariance	0.507674858
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.030775047
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.60120983
wavelet-HLL	glszm	SizeZoneNonUniformity	69.13913043
wavelet-HLL	glszm	GrayLevelNonUniformity	3.539130435
wavelet-HLL	glszm	LargeAreaEmphasis	2.347826087
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	594.3923913
wavelet-HLL	glszm	ZonePercentage	0.737179487
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018104736
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1360.104348
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	690.9217391
wavelet-HLL	glszm	SmallAreaEmphasis	0.804045894
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013956045
wavelet-HLL	glszm	ZoneEntropy	5.787899538
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.013220776
wavelet-HLL	ngtdm	Coarseness	0.038356206
wavelet-HLL	ngtdm	Complexity	5395.998182
wavelet-HLL	ngtdm	Strength	31.3822517
wavelet-HLL	ngtdm	Contrast	0.695332033
wavelet-HLL	ngtdm	Busyness	0.02861361
wavelet-LHL	gldm	GrayLevelVariance	180.0111769
wavelet-LHL	gldm	HighGrayLevelEmphasis	1296.25641

wavelet-LHL	gldm	DependenceEntropy	6.1577522
wavelet-LHL	gldm	DependenceNonUniformity	60.25641026
wavelet-LHL	gldm	GrayLevelNonUniformity	4.269230769
wavelet-LHL	gldm	SmallDependenceEmphasis	0.614449786
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	811.5037393
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.38625904
wavelet-LHL	gldm	LargeDependenceEmphasis	3.730769231
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01118196
wavelet-LHL	gldm	DependenceVariance	0.823307035
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4605.448718
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007753218
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.00817392
wavelet-LHL	glcm	JointAverage	33.68851119
wavelet-LHL	glcm	SumAverage	67.37702239
wavelet-LHL	glcm	JointEntropy	7.428550543
wavelet-LHL	glcm	ClusterShade	970.9966259
wavelet-LHL	glcm	MaximumProbability	0.015173372
wavelet-LHL	glcm	ldmn	0.947997503
wavelet-LHL	glcm	JointEnergy	0.006134809
wavelet-LHL	glcm	Contrast	254.2880166
wavelet-LHL	glcm	DifferenceEntropy	4.569181522
wavelet-LHL	glcm	InverseVariance	0.088954992
wavelet-LHL	glcm	DifferenceVariance	103.0306558
wavelet-LHL	glcm	ldn	0.856215832
wavelet-LHL	glcm	ldm	0.098483969
wavelet-LHL	glcm	Correlation	0.214557651
wavelet-LHL	glcm	Autocorrelation	1171.697784
wavelet-LHL	glcm	SumEntropy	5.581347324
wavelet-LHL	glcm	SumSquares	163.8548179
wavelet-LHL	glcm	ClusterProminence	405772.8785
wavelet-LHL	glcm	lmc2	0.999129619
wavelet-LHL	glcm	lmc1	-0.600271423
wavelet-LHL	glcm	DifferenceAverage	11.86848518
wavelet-LHL	glcm	ld	0.175598159
wavelet-LHL	glcm	ClusterTendency	401.1312552
wavelet-LHL	firstorder	InterquartileRange	505.7676412
wavelet-LHL	firstorder	Skewness	0.048603007
wavelet-LHL	firstorder	Uniformity	0.027366864
wavelet-LHL	firstorder	Median	-116.7375615
wavelet-LHL	firstorder	Energy	18464317.56
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	209.1539672
wavelet-LHL	firstorder	MeanAbsoluteDeviation	279.8761409
wavelet-LHL	firstorder	TotalEnergy	498536574.1
wavelet-LHL	firstorder	Maximum	659.2346996
wavelet-LHL	firstorder	RootMeanSquared	344.0363498
wavelet-LHL	firstorder	90Percentile	372.4591113
wavelet-LHL	firstorder	Minimum	-883.8166323
wavelet-LHL	firstorder	Entropy	5.408495572
wavelet-LHL	firstorder	Range	1543.051332
wavelet-LHL	firstorder	Variance	112424.3066
wavelet-LHL	firstorder	10Percentile	-527.9223236
wavelet-LHL	firstorder	Kurtosis	2.195708425
wavelet-LHL	firstorder	Mean	-77.05000569

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.008349765
wavelet-LHL	grlm	GrayLevelVariance	182.7836785
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.008372861
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.027140359
wavelet-LHL	grlm	RunVariance	0.028093225
wavelet-LHL	grlm	GrayLevelNonUniformity	4.119098238
wavelet-LHL	grlm	LongRunEmphasis	1.085402932
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1273.212608
wavelet-LHL	grlm	RunLengthNonUniformity	143.7637184
wavelet-LHL	grlm	ShortRunEmphasis	0.979215294
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1403.890354
wavelet-LHL	grlm	RunPercentage	0.972879684
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.008466228
wavelet-LHL	grlm	RunEntropy	5.498417678
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1298.304856
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.946789127
wavelet-LHL	glszm	GrayLevelVariance	220.1359504
wavelet-LHL	glszm	ZoneVariance	0.734214876
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.024793388
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.57553719
wavelet-LHL	glszm	SizeZoneNonUniformity	63.30909091
wavelet-LHL	glszm	GrayLevelNonUniformity	2.727272727
wavelet-LHL	glszm	LargeAreaEmphasis	2.745454545
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1043.355682
wavelet-LHL	glszm	ZonePercentage	0.705128205
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.013001854
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	3483.963636
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1318.154545
wavelet-LHL	glszm	SmallAreaEmphasis	0.787121212
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.011135465
wavelet-LHL	glszm	ZoneEntropy	5.998278209
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010903745
wavelet-LHL	ngtdm	Coarseness	0.033308486
wavelet-LHL	ngtdm	Complexity	9021.065881
wavelet-LHL	ngtdm	Strength	33.16147112
wavelet-LHL	ngtdm	Contrast	1.201104378
wavelet-LHL	ngtdm	Busyness	0.02186463
wavelet-LHH	gldm	GrayLevelVariance	37.20262163
wavelet-LHH	gldm	HighGrayLevelEmphasis	374.0192308
wavelet-LHH	gldm	DependenceEntropy	5.616703302
wavelet-LHH	gldm	DependenceNonUniformity	50.94871795
wavelet-LHH	gldm	GrayLevelNonUniformity	8.512820513
wavelet-LHH	gldm	SmallDependenceEmphasis	0.535603632
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	202.8646296
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.326594346
wavelet-LHH	gldm	LargeDependenceEmphasis	4.692307692
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023805857
wavelet-LHH	gldm	DependenceVariance	1.043228139
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1643.50641
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010054279
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.011573248
wavelet-LHH	glcm	JointAverage	18.41241595
wavelet-LHH	glcm	SumAverage	36.8248319

wavelet-LHH	glcm	JointEntropy	7.112920343
wavelet-LHH	glcm	ClusterShade	9.208231415
wavelet-LHH	glcm	MaximumProbability	0.021078941
wavelet-LHH	glcm	Idmn	0.955425467
wavelet-LHH	glcm	JointEnergy	0.008163545
wavelet-LHH	glcm	Contrast	66.48447561
wavelet-LHH	glcm	DifferenceEntropy	3.940483243
wavelet-LHH	glcm	InverseVariance	0.156281957
wavelet-LHH	glcm	DifferenceVariance	24.95109964
wavelet-LHH	glcm	Idn	0.860533423
wavelet-LHH	glcm	Idm	0.151637969
wavelet-LHH	glcm	Correlation	-0.022262776
wavelet-LHH	glcm	Autocorrelation	338.2642818
wavelet-LHH	glcm	SumEntropy	4.690488351
wavelet-LHH	glcm	SumSquares	32.47114049
wavelet-LHH	glcm	ClusterProminence	13569.6265
wavelet-LHH	glcm	Imc2	0.979592843
wavelet-LHH	glcm	Imc1	-0.370604927
wavelet-LHH	glcm	DifferenceAverage	6.383925492
wavelet-LHH	glcm	Id	0.241692022
wavelet-LHH	glcm	ClusterTendency	63.40008634
wavelet-LHH	firstorder	InterquartileRange	175.6038509
wavelet-LHH	firstorder	Skewness	-0.062698627
wavelet-LHH	firstorder	Uniformity	0.054569362
wavelet-LHH	firstorder	Median	-12.60037301
wavelet-LHH	firstorder	Energy	3606264.533
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	81.76004214
wavelet-LHH	firstorder	MeanAbsoluteDeviation	120.143317
wavelet-LHH	firstorder	TotalEnergy	97369142.4
wavelet-LHH	firstorder	Maximum	431.5080414
wavelet-LHH	firstorder	RootMeanSquared	152.0430214
wavelet-LHH	firstorder	90Percentile	188.9226418
wavelet-LHH	firstorder	Minimum	-437.6513125
wavelet-LHH	firstorder	Entropy	4.485366418
wavelet-LHH	firstorder	Range	869.1593539
wavelet-LHH	firstorder	Variance	23102.25844
wavelet-LHH	firstorder	10Percentile	-198.1202853
wavelet-LHH	firstorder	Kurtosis	3.194252411
wavelet-LHH	firstorder	Mean	-3.849922435
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.011787033
wavelet-LHH	grlm	GrayLevelVariance	38.05848713
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.011874807
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.053695941
wavelet-LHH	grlm	RunVariance	0.036984333
wavelet-LHH	grlm	GrayLevelNonUniformity	8.083268158
wavelet-LHH	grlm	LongRunEmphasis	1.111297423
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	365.2616359
wavelet-LHH	grlm	RunLengthNonUniformity	140.3385083
wavelet-LHH	grlm	ShortRunEmphasis	0.973307748
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	414.0140484
wavelet-LHH	grlm	RunPercentage	0.964990138
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.012241748
wavelet-LHH	grlm	RunEntropy	4.647912311



wavelet-LHH	grlm	HighGrayLevelRunEmphasis	374.7496742
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.931982201
wavelet-LHH	glszm	GrayLevelVariance	50.97873264
wavelet-LHH	glszm	ZoneVariance	2.171875
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.044270833
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.526041667
wavelet-LHH	glszm	SizeZoneNonUniformity	50.5
wavelet-LHH	glszm	GrayLevelNonUniformity	4.25
wavelet-LHH	glszm	LargeAreaEmphasis	4.8125
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	285.5568908
wavelet-LHH	glszm	ZonePercentage	0.615384615
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.028556253
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1768.739583
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	380.25
wavelet-LHH	glszm	SmallAreaEmphasis	0.752247369
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016774666
wavelet-LHH	glszm	ZoneEntropy	5.373464974
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015951896
wavelet-LHH	ngtdm	Coarseness	0.030720476
wavelet-LHH	ngtdm	Complexity	1863.708718
wavelet-LHH	ngtdm	Strength	9.665642034
wavelet-LHH	ngtdm	Contrast	0.41213897
wavelet-LHH	ngtdm	Busyness	0.058581127
wavelet-LLH	gldm	GrayLevelVariance	107.7368097
wavelet-LLH	gldm	HighGrayLevelEmphasis	1101.198718
wavelet-LLH	gldm	DependenceEntropy	5.830703802
wavelet-LLH	gldm	DependenceNonUniformity	77.73076923
wavelet-LLH	gldm	GrayLevelNonUniformity	5.128205128
wavelet-LLH	gldm	SmallDependenceEmphasis	0.720664174
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	831.0144676
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.498274162
wavelet-LLH	gldm	LargeDependenceEmphasis	2.474358974
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.010091917
wavelet-LLH	gldm	DependenceVariance	0.412557528
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2509.557692
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007448318
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007887387
wavelet-LLH	glcm	JointAverage	31.73522219
wavelet-LLH	glcm	SumAverage	63.47044437
wavelet-LLH	glcm	JointEntropy	7.423339416
wavelet-LLH	glcm	ClusterShade	-109.944645
wavelet-LLH	glcm	MaximumProbability	0.013817724
wavelet-LLH	glcm	ldmn	0.954302802
wavelet-LLH	glcm	JointEnergy	0.006175515
wavelet-LLH	glcm	Contrast	176.9440597
wavelet-LLH	glcm	DifferenceEntropy	4.444858732
wavelet-LLH	glcm	InverseVariance	0.085411877
wavelet-LLH	glcm	DifferenceVariance	59.69104423
wavelet-LLH	glcm	ldn	0.856652539
wavelet-LLH	glcm	ldm	0.082308068
wavelet-LLH	glcm	Correlation	0.071122913
wavelet-LLH	glcm	Autocorrelation	1014.18207
wavelet-LLH	glcm	SumEntropy	5.322178825

wavelet-LLH	glcm	SumSquares	95.41573117
wavelet-LLH	glcm	ClusterProminence	121010.036
wavelet-LLH	glcm	Imc2	0.997634806
wavelet-LLH	glcm	Imc1	-0.532674292
wavelet-LLH	glcm	DifferenceAverage	10.56654957
wavelet-LLH	glcm	Id	0.164119596
wavelet-LLH	glcm	ClusterTendency	204.718865
wavelet-LLH	firstorder	InterquartileRange	380.8714505
wavelet-LLH	firstorder	Skewness	-0.037692947
wavelet-LLH	firstorder	Uniformity	0.03287311
wavelet-LLH	firstorder	Median	-38.16266053
wavelet-LLH	firstorder	Energy	10929831.27
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	149.7072764
wavelet-LLH	firstorder	MeanAbsoluteDeviation	210.5658081
wavelet-LLH	firstorder	TotalEnergy	295105444.3
wavelet-LLH	firstorder	Maximum	611.4524691
wavelet-LLH	firstorder	RootMeanSquared	264.6942028
wavelet-LLH	firstorder	90Percentile	270.8211303
wavelet-LLH	firstorder	Minimum	-803.5224405
wavelet-LLH	firstorder	Entropy	5.153575525
wavelet-LLH	firstorder	Range	1414.97491
wavelet-LLH	firstorder	Variance	67613.74692
wavelet-LLH	firstorder	10Percentile	-409.1646402
wavelet-LLH	firstorder	Kurtosis	2.699422349
wavelet-LLH	firstorder	Mean	-49.49014095
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.007977112
wavelet-LLH	grlm	GrayLevelVariance	108.3764112
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.007996925
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.032718246
wavelet-LLH	grlm	RunVariance	0.016747985
wavelet-LLH	grlm	GrayLevelNonUniformity	5.018308792
wavelet-LLH	grlm	LongRunEmphasis	1.051711086
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	1091.279042
wavelet-LLH	grlm	RunLengthNonUniformity	148.3010299
wavelet-LLH	grlm	ShortRunEmphasis	0.987072228
wavelet-LLH	grlm	LongRunHighGrayLevelEmphasis	1153.209907
wavelet-LLH	grlm	RunPercentage	0.983234714
wavelet-LLH	grlm	LongRunLowGrayLevelEmphasis	0.008076177
wavelet-LLH	grlm	RunEntropy	5.21757706
wavelet-LLH	grlm	HighGrayLevelRunEmphasis	1103.665215
wavelet-LLH	grlm	RunLengthNonUniformityNormalized	0.966504031
wavelet-LLH	glszm	GrayLevelVariance	116.166784
wavelet-LLH	glszm	ZoneVariance	0.298496
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030272
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.666688
wavelet-LLH	glszm	SizeZoneNonUniformity	83.336
wavelet-LLH	glszm	GrayLevelNonUniformity	3.784
wavelet-LLH	glszm	LargeAreaEmphasis	1.856
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	982.8200556
wavelet-LLH	glszm	ZonePercentage	0.801282051
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.010742928
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1962.792
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1134.032

wavelet-LLH	glszm	SmallAreaEmphasis	0.844055556
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009459948
wavelet-LLH	glszm	ZoneEntropy	5.722398861
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009208449
wavelet-LLH	ngtdm	Coarseness	0.02855173
wavelet-LLH	ngtdm	Complexity	6204.305549
wavelet-LLH	ngtdm	Strength	20.2725968
wavelet-LLH	ngtdm	Contrast	0.935854695
wavelet-LLH	ngtdm	Busyness	0.032043675
wavelet-LLL	gldm	GrayLevelVariance	525.9717291
wavelet-LLL	gldm	HighGrayLevelEmphasis	3411.589744
wavelet-LLL	gldm	DependenceEntropy	6.26265302
wavelet-LLL	gldm	DependenceNonUniformity	116.5
wavelet-LLL	gldm	GrayLevelNonUniformity	2.615384615
wavelet-LLL	gldm	SmallDependenceEmphasis	0.888532764
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2940.393875
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.746794872
wavelet-LLL	gldm	LargeDependenceEmphasis	1.474358974
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009115391
wavelet-LLL	gldm	DependenceVariance	0.142998028
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5373.410256
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008948395
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008979687
wavelet-LLL	glcm	JointAverage	59.23461054
wavelet-LLL	glcm	SumAverage	118.4692211
wavelet-LLL	glcm	JointEntropy	7.573996739
wavelet-LLL	glcm	ClusterShade	-13082.93018
wavelet-LLL	glcm	MaximumProbability	0.010256385
wavelet-LLL	glcm	ldmn	0.938124594
wavelet-LLL	glcm	JointEnergy	0.005350115
wavelet-LLL	glcm	Contrast	694.4410406
wavelet-LLL	glcm	DifferenceEntropy	5.199664444
wavelet-LLL	glcm	InverseVariance	0.045295417
wavelet-LLL	glcm	DifferenceVariance	237.9780148
wavelet-LLL	glcm	ldn	0.834606612
wavelet-LLL	glcm	ldm	0.039217533
wavelet-LLL	glcm	Correlation	0.334991219
wavelet-LLL	glcm	Autocorrelation	3684.673043
wavelet-LLL	glcm	SumEntropy	6.009362033
wavelet-LLL	glcm	SumSquares	521.8362261
wavelet-LLL	glcm	ClusterProminence	4812387.66
wavelet-LLL	glcm	lmc2	0.999912592
wavelet-LLL	glcm	lmc1	-0.728824189
wavelet-LLL	glcm	DifferenceAverage	21.13316156
wavelet-LLL	glcm	ld	0.098217635
wavelet-LLL	glcm	ClusterTendency	1392.903864
wavelet-LLL	firstorder	InterquartileRange	860.4907192
wavelet-LLL	firstorder	Skewness	-0.107821232
wavelet-LLL	firstorder	Uniformity	0.016765286
wavelet-LLL	firstorder	Median	-798.4070932
wavelet-LLL	firstorder	Energy	149606354.9
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	344.0888302
wavelet-LLL	firstorder	MeanAbsoluteDeviation	471.0332093

wavelet-LLL	firstorder	TotalEnergy	4039371583
wavelet-LLL	firstorder	Maximum	281.4539598
wavelet-LLL	firstorder	RootMeanSquared	979.2931612
wavelet-LLL	firstorder	90Percentile	-11.71016121
wavelet-LLL	firstorder	Minimum	-2121.269373
wavelet-LLL	firstorder	Entropy	6.073013219
wavelet-LLL	firstorder	Range	2402.723333
wavelet-LLL	firstorder	Variance	328618.7731
wavelet-LLL	firstorder	10Percentile	-1569.24647
wavelet-LLL	firstorder	Kurtosis	2.275295034
wavelet-LLL	firstorder	Mean	-793.9750138
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.009030373
wavelet-LLL	grlm	GrayLevelVariance	527.4502781
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.009031643
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.016708783
wavelet-LLL	grlm	RunVariance	0.005916538
wavelet-LLL	grlm	GrayLevelNonUniformity	2.59117954
wavelet-LLL	grlm	LongRunEmphasis	1.017924011
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3388.287869
wavelet-LLL	grlm	RunLengthNonUniformity	153.2487126
wavelet-LLL	grlm	ShortRunEmphasis	0.995518997
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	3481.898581
wavelet-LLL	grlm	RunPercentage	0.99408284
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.009036727
wavelet-LLL	grlm	RunEntropy	6.089325216
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3407.010012
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.988166925
wavelet-LLL	glszm	GrayLevelVariance	546.2868441
wavelet-LLL	glszm	ZoneVariance	0.090277778
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016107253
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.857928241
wavelet-LLL	glszm	SizeZoneNonUniformity	123.5416667
wavelet-LLL	glszm	GrayLevelNonUniformity	2.319444444
wavelet-LLL	glszm	LargeAreaEmphasis	1.263888889
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3098.437114
wavelet-LLL	glszm	ZonePercentage	0.923076923
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009780423
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	4429.361111
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3347.930556
wavelet-LLL	glszm	SmallAreaEmphasis	0.941743827
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.009704349
wavelet-LLL	glszm	ZoneEntropy	6.242502258
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009688183
wavelet-LLL	ngtdm	Coarseness	0.031072368
wavelet-LLL	ngtdm	Complexity	36116.89742
wavelet-LLL	ngtdm	Strength	84.12958019
wavelet-LLL	ngtdm	Contrast	2.51337904
wavelet-LLL	ngtdm	Busyness	0.009895727
wavelet-HHL	gldm	GrayLevelVariance	31.14640861
wavelet-HHL	gldm	HighGrayLevelEmphasis	393.3653846
wavelet-HHL	gldm	DependenceEntropy	5.421956248
wavelet-HHL	gldm	DependenceNonUniformity	54.91025641
wavelet-HHL	gldm	GrayLevelNonUniformity	9.230769231

wavelet-HHL	gldm	SmallDependenceEmphasis	0.582644231
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	241.1555769
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.351988823
wavelet-HHL	gldm	LargeDependenceEmphasis	4.346153846
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022947587
wavelet-HHL	gldm	DependenceVariance	1.031886917
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1518.480769
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00972659
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.011063028
wavelet-HHL	glcm	JointAverage	18.96215648
wavelet-HHL	glcm	SumAverage	37.92431295
wavelet-HHL	glcm	JointEntropy	7.059207095
wavelet-HHL	glcm	ClusterShade	2.336198774
wavelet-HHL	glcm	MaximumProbability	0.02134269
wavelet-HHL	glcm	Idmn	0.962860502
wavelet-HHL	glcm	JointEnergy	0.008509103
wavelet-HHL	glcm	Contrast	58.87013688
wavelet-HHL	glcm	DifferenceEntropy	3.795604001
wavelet-HHL	glcm	InverseVariance	0.170876164
wavelet-HHL	glcm	DifferenceVariance	23.6730715
wavelet-HHL	glcm	Idn	0.873155521
wavelet-HHL	glcm	Idm	0.154812091
wavelet-HHL	glcm	Correlation	-0.03412462
wavelet-HHL	glcm	Autocorrelation	358.6068732
wavelet-HHL	glcm	SumEntropy	4.584718949
wavelet-HHL	glcm	SumSquares	28.42703351
wavelet-HHL	glcm	ClusterProminence	11811.13078
wavelet-HHL	glcm	Imc2	0.971481063
wavelet-HHL	glcm	Imc1	-0.342215608
wavelet-HHL	glcm	DifferenceAverage	5.870399455
wavelet-HHL	glcm	Id	0.248708281
wavelet-HHL	glcm	ClusterTendency	54.83799715
wavelet-HHL	firstorder	InterquartileRange	160.3823958
wavelet-HHL	firstorder	Skewness	-0.177041342
wavelet-HHL	firstorder	Uniformity	0.059171598
wavelet-HHL	firstorder	Median	18.98802796
wavelet-HHL	firstorder	Energy	3039262.006
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	66.90262242
wavelet-HHL	firstorder	MeanAbsoluteDeviation	104.7183112
wavelet-HHL	firstorder	TotalEnergy	82060074.15
wavelet-HHL	firstorder	Maximum	468.3967903
wavelet-HHL	firstorder	RootMeanSquared	139.5795428
wavelet-HHL	firstorder	90Percentile	171.4572076
wavelet-HHL	firstorder	Minimum	-438.6366311
wavelet-HHL	firstorder	Entropy	4.327474018
wavelet-HHL	firstorder	Range	907.0334214
wavelet-HHL	firstorder	Variance	19326.16773
wavelet-HHL	firstorder	10Percentile	-146.811614
wavelet-HHL	firstorder	Kurtosis	4.160196684
wavelet-HHL	firstorder	Mean	12.50124086
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.011234647
wavelet-HHL	grlm	GrayLevelVariance	31.74729568
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.011317312

wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.058729161
wavelet-HHL	grlm	RunVariance	0.032542439
wavelet-HHL	grlm	GrayLevelNonUniformity	8.873294102
wavelet-HHL	grlm	LongRunEmphasis	1.100216966
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	386.2025357
wavelet-HHL	grlm	RunLengthNonUniformity	141.8104074
wavelet-HHL	grlm	ShortRunEmphasis	0.975543451
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	429.9883168
wavelet-HHL	grlm	RunPercentage	0.968441815
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.011653952
wavelet-HHL	grlm	RunEntropy	4.472297882
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	394.7684302
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.937871821
wavelet-HHL	glszm	GrayLevelVariance	41.05981879
wavelet-HHL	glszm	ZoneVariance	1.038461538
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.053069527
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.561945266
wavelet-HHL	glszm	SizeZoneNonUniformity	58.44230769
wavelet-HHL	glszm	GrayLevelNonUniformity	5.519230769
wavelet-HHL	glszm	LargeAreaEmphasis	3.288461538
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	325.9294311
wavelet-HHL	glszm	ZonePercentage	0.666666667
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.022520913
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1221.009615
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	408.2980769
wavelet-HHL	glszm	SmallAreaEmphasis	0.777545406
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.014995448
wavelet-HHL	glszm	ZoneEntropy	5.252914781
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014291942
wavelet-HHL	ngtdm	Coarseness	0.036973552
wavelet-HHL	ngtdm	Complexity	1378.811354
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wavelet-HHL	ngtdm	Contrast	0.358669567
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wavelet-HLH	gldm	GrayLevelVariance	35.33908613
wavelet-HLH	gldm	HighGrayLevelEmphasis	308.4358974
wavelet-HLH	gldm	DependenceEntropy	5.662654165
wavelet-HLH	gldm	DependenceNonUniformity	50.20512821
wavelet-HLH	gldm	GrayLevelNonUniformity	8.615384615
wavelet-HLH	gldm	SmallDependenceEmphasis	0.524784544
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	178.3663889
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.321827745
wavelet-HLH	gldm	LargeDependenceEmphasis	4.564102564
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.034457433
wavelet-HLH	gldm	DependenceVariance	0.915023011
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1296.166667
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011203307
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.014518533
wavelet-HLH	glcm	JointAverage	16.35920018
wavelet-HLH	glcm	SumAverage	32.71840036
wavelet-HLH	glcm	JointEntropy	7.085754672
wavelet-HLH	glcm	ClusterShade	116.270456
wavelet-HLH	glcm	MaximumProbability	0.023606543

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wavelet-HLH	glcm	DifferenceEntropy	3.909569179
wavelet-HLH	glcm	InverseVariance	0.151092226
wavelet-HLH	glcm	DifferenceVariance	27.44804509
wavelet-HLH	glcm	Idn	0.862947246
wavelet-HLH	glcm	Idm	0.148532689
wavelet-HLH	glcm	Correlation	-0.010245887
wavelet-HLH	glcm	Autocorrelation	267.2353648
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wavelet-HLH	glcm	SumSquares	34.52106555
wavelet-HLH	glcm	ClusterProminence	18462.86073
wavelet-HLH	glcm	Imc2	0.982669084
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wavelet-HLH	glcm	DifferenceAverage	6.44683717
wavelet-HLH	glcm	Id	0.239807851
wavelet-HLH	glcm	ClusterTendency	68.23384534
wavelet-HLH	firstorder	InterquartileRange	166.7643318
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wavelet-HLH	firstorder	Uniformity	0.055226824
wavelet-HLH	firstorder	Median	-1.512352127
wavelet-HLH	firstorder	Energy	3427822.926
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	78.7861874
wavelet-HLH	firstorder	MeanAbsoluteDeviation	115.6638053
wavelet-HLH	firstorder	TotalEnergy	92551219.01
wavelet-HLH	firstorder	Maximum	506.3318501
wavelet-HLH	firstorder	RootMeanSquared	148.23368
wavelet-HLH	firstorder	90Percentile	178.7951147
wavelet-HLH	firstorder	Minimum	-398.0007762
wavelet-HLH	firstorder	Entropy	4.43366308
wavelet-HLH	firstorder	Range	904.3326262
wavelet-HLH	firstorder	Variance	21972.64101
wavelet-HLH	firstorder	10Percentile	-175.7720503
wavelet-HLH	firstorder	Kurtosis	3.82164164
wavelet-HLH	firstorder	Mean	0.76346191
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.014661849
wavelet-HLH	gllm	GrayLevelVariance	36.00854021
wavelet-HLH	gllm	LowGrayLevelRunEmphasis	0.014828139
wavelet-HLH	gllm	GrayLevelNonUniformityNormalized	0.054594047
wavelet-HLH	gllm	RunVariance	0.039144197
wavelet-HLH	gllm	GrayLevelNonUniformity	8.220334973
wavelet-HLH	gllm	LongRunEmphasis	1.115166712
wavelet-HLH	gllm	ShortRunHighGrayLevelEmphasis	302.3889776
wavelet-HLH	gllm	RunLengthNonUniformity	140.7050511
wavelet-HLH	gllm	ShortRunEmphasis	0.973583522
wavelet-HLH	gllm	LongRunHighGrayLevelEmphasis	341.7119953
wavelet-HLH	gllm	RunPercentage	0.964990138
wavelet-HLH	gllm	LongRunLowGrayLevelEmphasis	0.015522395
wavelet-HLH	gllm	RunEntropy	4.574660808
wavelet-HLH	gllm	HighGrayLevelRunEmphasis	309.6162655
wavelet-HLH	gllm	RunLengthNonUniformityNormalized	0.933592357
wavelet-HLH	glszm	GrayLevelVariance	45.01009672

wavelet-HLH	glszm	ZoneVariance	1.186736104
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.04878308
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.489425019
wavelet-HLH	glszm	SizeZoneNonUniformity	47.4742268
wavelet-HLH	glszm	GrayLevelNonUniformity	4.731958763
wavelet-HLH	glszm	LargeAreaEmphasis	3.773195876
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	254.4491213
wavelet-HLH	glszm	ZonePercentage	0.621794872
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.035064942
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1093.773196
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	329.1237113
wavelet-HLH	glszm	SmallAreaEmphasis	0.724938343
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.019381264
wavelet-HLH	glszm	ZoneEntropy	5.451458302
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017153374
wavelet-HLH	ngtdm	Coarseness	0.034507196
wavelet-HLH	ngtdm	Complexity	1686.459001
wavelet-HLH	ngtdm	Strength	10.52280376
wavelet-HLH	ngtdm	Contrast	0.382558737
wavelet-HLH	ngtdm	Busyness	0.060623238



Image type	Feature Class	Feature Name	
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	109
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original	shape	MinorAxis	16.47889583
original	shape	Elongation	0.926770694
original	shape	SurfaceVolumeRatio	0.367184977
original	shape	Volume	2943
original	shape	MajorAxis	17.78098503
original	shape	SurfaceArea	1080.625387
original	shape	Flatness	0.790755624
original	shape	LeastAxis	14.06041391
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original	gldm	GrayLevelVariance	63.24551805
original	gldm	HighGrayLevelEmphasis	517.8348624
original	gldm	DependenceEntropy	5.507421224
original	gldm	DependenceNonUniformity	27.03669725
original	gldm	GrayLevelNonUniformity	7.678899083
original	gldm	SmallDependenceEmphasis	0.49994673
original	gldm	SmallDependenceHighGrayLevelEmphasis	185.6060341
original	gldm	DependenceNonUniformityNormalized	0.248043094
original	gldm	LargeDependenceEmphasis	12.57798165
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.034927686
original	gldm	DependenceVariance	4.850601801
original	gldm	LargeDependenceHighGrayLevelEmphasis	9364.990826
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.014425051

original	gldm	LowGrayLevelEmphasis	0.015850191
original	glcm	JointAverage	23.31808388
original	glcm	SumAverage	46.63616777
original	glcm	JointEntropy	6.244894336
original	glcm	ClusterShade	-1337.023022
original	glcm	MaximumProbability	0.058191721
original	glcm	ldmn	0.931608745
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original	glcm	Contrast	83.60032333
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original	glcm	ClusterProminence	52195.51257
original	glcm	lmc2	0.977774875
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original	glcm	ClusterTendency	124.1192854
original	firstorder	InterquartileRange	325
original	firstorder	Skewness	-0.786702653
original	firstorder	Uniformity	0.070448615
original	firstorder	Median	-109
original	firstorder	Energy	7792747
original	firstorder	RobustMeanAbsoluteDeviation	131.1417625
original	firstorder	MeanAbsoluteDeviation	168.6251999
original	firstorder	TotalEnergy	210404169
original	firstorder	Maximum	59
original	firstorder	RootMeanSquared	267.3819211
original	firstorder	90Percentile	15.8
original	firstorder	Minimum	-693
original	firstorder	Entropy	4.254511125
original	firstorder	Range	752
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original	glrlm	GrayLevelVariance	63.98134993
original	glrlm	LowGrayLevelRunEmphasis	0.016882698
original	glrlm	GrayLevelNonUniformityNormalized	0.063477544
original	glrlm	RunVariance	0.081802754
original	glrlm	GrayLevelNonUniformity	6.452177736
original	glrlm	LongRunEmphasis	1.237517207
original	glrlm	ShortRunHighGrayLevelEmphasis	464.6112799
original	glrlm	RunLengthNonUniformity	88.97552006
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original	glrlm	HighGrayLevelRunEmphasis	502.0970991
original	glrlm	RunLengthNonUniformityNormalized	0.874716185
original	glszm	GrayLevelVariance	62.6186509
original	glszm	ZoneVariance	7.249664069
original	glszm	GrayLevelNonUniformityNormalized	0.045955388
original	glszm	SizeZoneNonUniformityNormalized	0.635044343
original	glszm	SizeZoneNonUniformity	38.73770492
original	glszm	GrayLevelNonUniformity	2.803278689
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original	glszm	HighGrayLevelZoneEmphasis	384.2622951
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original	glszm	LowGrayLevelZoneEmphasis	0.026344567
original	glszm	ZoneEntropy	5.069600862
original	glszm	SmallAreaLowGrayLevelEmphasis	0.025474892
original	ngtdm	Coarseness	0.028501545
original	ngtdm	Complexity	1837.533389
original	ngtdm	Strength	14.63940734
original	ngtdm	Contrast	0.982888705
original	ngtdm	Busyness	0.050945197
wavelet-HHH	gldm	GrayLevelVariance	8.323373453
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wavelet-HHH	gldm	DependenceEntropy	5.206001472
wavelet-HHH	gldm	DependenceNonUniformity	21.05504587
wavelet-HHH	gldm	GrayLevelNonUniformity	11.49541284
wavelet-HHH	gldm	SmallDependenceEmphasis	0.359011057
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	42.75207176
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.193165558
wavelet-HHH	gldm	LargeDependenceEmphasis	10.83486239
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.150348174
wavelet-HHH	gldm	DependenceVariance	2.694049322
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	961.6330275
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01480082
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.023768529
wavelet-HHH	glcm	JointAverage	9.470706895
wavelet-HHH	glcm	SumAverage	18.94141379
wavelet-HHH	glcm	JointEntropy	5.986055535
wavelet-HHH	glcm	ClusterShade	9.654338059
wavelet-HHH	glcm	MaximumProbability	0.040690289
wavelet-HHH	glcm	Idmn	0.952257983
wavelet-HHH	glcm	JointEnergy	0.018652814
wavelet-HHH	glcm	Contrast	16.14855838
wavelet-HHH	glcm	DifferenceEntropy	3.027330886
wavelet-HHH	glcm	InverseVariance	0.277301884
wavelet-HHH	glcm	DifferenceVariance	6.21753917
wavelet-HHH	glcm	Idn	0.857159857
wavelet-HHH	glcm	Idm	0.274878403

wavelet-HHH	glcm	Correlation	-0.027831166
wavelet-HHH	glcm	Autocorrelation	89.48910319
wavelet-HHH	glcm	SumEntropy	3.731120284
wavelet-HHH	glcm	SumSquares	7.859560977
wavelet-HHH	glcm	ClusterProminence	801.629096
wavelet-HHH	glcm	Imc2	0.900259035
wavelet-HHH	glcm	Imc1	-0.246124429
wavelet-HHH	glcm	DifferenceAverage	3.118982586
wavelet-HHH	glcm	Id	0.364245882
wavelet-HHH	glcm	ClusterTendency	15.28968553
wavelet-HHH	firstorder	InterquartileRange	79.04320849
wavelet-HHH	firstorder	Skewness	0.131256697
wavelet-HHH	firstorder	Uniformity	0.105462503
wavelet-HHH	firstorder	Median	-7.818734567
wavelet-HHH	firstorder	Energy	560843.0612
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	38.38319992
wavelet-HHH	firstorder	MeanAbsoluteDeviation	56.32516061
wavelet-HHH	firstorder	TotalEnergy	15142762.65
wavelet-HHH	firstorder	Maximum	188.7467322
wavelet-HHH	firstorder	RootMeanSquared	71.73108939
wavelet-HHH	firstorder	90Percentile	93.28797287
wavelet-HHH	firstorder	Minimum	-211.9889573
wavelet-HHH	firstorder	Entropy	3.46691214
wavelet-HHH	firstorder	Range	400.7356895
wavelet-HHH	firstorder	Variance	5145.07705
wavelet-HHH	firstorder	10Percentile	-78.37932438
wavelet-HHH	firstorder	Kurtosis	3.283976045
wavelet-HHH	firstorder	Mean	0.521665708
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.023829948
wavelet-HHH	glrlm	GrayLevelVariance	8.75128029
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.024582433
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.102292612
wavelet-HHH	glrlm	RunVariance	0.076820734
wavelet-HHH	glrlm	GrayLevelNonUniformity	10.36045401
wavelet-HHH	glrlm	LongRunEmphasis	1.239420661
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	94.66533764
wavelet-HHH	glrlm	RunLengthNonUniformity	87.55930647
wavelet-HHH	glrlm	ShortRunEmphasis	0.943581781
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	120.385603
wavelet-HHH	glrlm	RunPercentage	0.928722653
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.027759609
wavelet-HHH	glrlm	RunEntropy	3.796054319
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	99.57133832
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.863321218
wavelet-HHH	glszm	GrayLevelVariance	14.54617284
wavelet-HHH	glszm	ZoneVariance	7.621728395
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.082469136
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.447901235
wavelet-HHH	glszm	SizeZoneNonUniformity	20.15555556
wavelet-HHH	glszm	GrayLevelNonUniformity	3.711111111
wavelet-HHH	glszm	LargeAreaEmphasis	13.48888889
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	88.3436833
wavelet-HHH	glszm	ZonePercentage	0.412844037

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.210323041
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1152.577778
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	118.1333333
wavelet-HHH	glszm	SmallAreaEmphasis	0.689366954
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.037422161
wavelet-HHH	glszm	ZoneEntropy	4.650201919
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.033064867
wavelet-HHH	ngtdm	Coarseness	0.053479697
wavelet-HHH	ngtdm	Complexity	202.8012722
wavelet-HHH	ngtdm	Strength	3.51363606
wavelet-HHH	ngtdm	Contrast	0.18651299
wavelet-HHH	ngtdm	Busyness	0.156781281
wavelet-HLL	gldm	GrayLevelVariance	82.07103779
wavelet-HLL	gldm	HighGrayLevelEmphasis	416.0550459
wavelet-HLL	gldm	DependenceEntropy	5.696679852
wavelet-HLL	gldm	DependenceNonUniformity	35.40366972
wavelet-HLL	gldm	GrayLevelNonUniformity	5
wavelet-HLL	gldm	SmallDependenceEmphasis	0.529882773
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	263.7245566
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.324804309
wavelet-HLL	gldm	LargeDependenceEmphasis	5.055045872
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046900307
wavelet-HLL	gldm	DependenceVariance	1.23642791
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1414.146789
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011548349
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.015367884
wavelet-HLL	glcm	JointAverage	17.27543613
wavelet-HLL	glcm	SumAverage	34.55087226
wavelet-HLL	glcm	JointEntropy	6.749068319
wavelet-HLL	glcm	ClusterShade	2458.89257
wavelet-HLL	glcm	MaximumProbability	0.025414853
wavelet-HLL	glcm	Idmn	0.955911295
wavelet-HLL	glcm	JointEnergy	0.010269393
wavelet-HLL	glcm	Contrast	95.46032483
wavelet-HLL	glcm	DifferenceEntropy	3.988568047
wavelet-HLL	glcm	InverseVariance	0.134909948
wavelet-HLL	glcm	DifferenceVariance	35.40212187
wavelet-HLL	glcm	Idn	0.863084398
wavelet-HLL	glcm	Idm	0.139460267
wavelet-HLL	glcm	Correlation	0.295539051
wavelet-HLL	glcm	Autocorrelation	318.7972145
wavelet-HLL	glcm	SumEntropy	4.837259296
wavelet-HLL	glcm	SumSquares	67.97995294
wavelet-HLL	glcm	ClusterProminence	120206.5974
wavelet-HLL	glcm	Imc2	0.995563807
wavelet-HLL	glcm	Imc1	-0.520792254
wavelet-HLL	glcm	DifferenceAverage	7.504346844
wavelet-HLL	glcm	Id	0.225714269
wavelet-HLL	glcm	ClusterTendency	176.4594869
wavelet-HLL	firstorder	InterquartileRange	306.2582867
wavelet-HLL	firstorder	Skewness	0.753382052
wavelet-HLL	firstorder	Uniformity	0.04587156
wavelet-HLL	firstorder	Median	-117.8756672

wavelet-HLL	firstorder	Energy	6192780.775
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	130.4680487
wavelet-HLL	firstorder	MeanAbsoluteDeviation	182.4533389
wavelet-HLL	firstorder	TotalEnergy	167205080.9
wavelet-HLL	firstorder	Maximum	534.7195964
wavelet-HLL	firstorder	RootMeanSquared	238.3579294
wavelet-HLL	firstorder	90Percentile	254.7248028
wavelet-HLL	firstorder	Minimum	-509.3149218
wavelet-HLL	firstorder	Entropy	4.7640783
wavelet-HLL	firstorder	Range	1044.034518
wavelet-HLL	firstorder	Variance	50396.00755
wavelet-HLL	firstorder	10Percentile	-308.3872555
wavelet-HLL	firstorder	Kurtosis	2.884688065
wavelet-HLL	firstorder	Mean	-80.11551021
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.015430133
wavelet-HLL	grlm	GrayLevelVariance	82.73253007
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.015653326
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.044787118
wavelet-HLL	grlm	RunVariance	0.039519431
wavelet-HLL	grlm	GrayLevelNonUniformity	4.703415789
wavelet-HLL	grlm	LongRunEmphasis	1.119153341
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	413.5883226
wavelet-HLL	grlm	RunLengthNonUniformity	97.70975819
wavelet-HLL	grlm	ShortRunEmphasis	0.971863607
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	453.8019232
wavelet-HLL	grlm	RunPercentage	0.963302752
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.016612175
wavelet-HLL	grlm	RunEntropy	4.897796737
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	421.4988873
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.929489872
wavelet-HLL	glszm	GrayLevelVariance	86.79059021
wavelet-HLL	glszm	ZoneVariance	1.258139046
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.037597143
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.496324302
wavelet-HLL	glszm	SizeZoneNonUniformity	34.24637681
wavelet-HLL	glszm	GrayLevelNonUniformity	2.594202899
wavelet-HLL	glszm	LargeAreaEmphasis	3.753623188
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	378.6747059
wavelet-HLL	glszm	ZonePercentage	0.633027523
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.041530189
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1184.811594
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	481.0144928
wavelet-HLL	glszm	SmallAreaEmphasis	0.729965658
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.019605995
wavelet-HLL	glszm	ZoneEntropy	5.474112319
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017379346
wavelet-HLL	ngtdm	Coarseness	0.042352932
wavelet-HLL	ngtdm	Complexity	2744.049921
wavelet-HLL	ngtdm	Strength	25.25668373
wavelet-HLL	ngtdm	Contrast	0.73408229
wavelet-HLL	ngtdm	Busyness	0.055836407
wavelet-LHL	gldm	GrayLevelVariance	85.86650955
wavelet-LHL	gldm	HighGrayLevelEmphasis	378.9357798

wavelet-LHL	gldm	DependenceEntropy	5.501770563
wavelet-LHL	gldm	DependenceNonUniformity	40.41284404
wavelet-LHL	gldm	GrayLevelNonUniformity	4.871559633
wavelet-LHL	gldm	SmallDependenceEmphasis	0.549566769
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	250.8096967
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.370760037
wavelet-LHL	gldm	LargeDependenceEmphasis	3.660550459
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.037944145
wavelet-LHL	gldm	DependenceVariance	0.590017675
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1004.825688
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013473837
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.016987016
wavelet-LHL	glcm	JointAverage	16.69888447
wavelet-LHL	glcm	SumAverage	33.39776894
wavelet-LHL	glcm	JointEntropy	6.819786296
wavelet-LHL	glcm	ClusterShade	4040.503419
wavelet-LHL	glcm	MaximumProbability	0.02112274
wavelet-LHL	glcm	ldmn	0.962110013
wavelet-LHL	glcm	JointEnergy	0.009475355
wavelet-LHL	glcm	Contrast	105.8358741
wavelet-LHL	glcm	DifferenceEntropy	3.978801301
wavelet-LHL	glcm	InverseVariance	0.139361351
wavelet-LHL	glcm	DifferenceVariance	41.91876597
wavelet-LHL	glcm	ldn	0.873949094
wavelet-LHL	glcm	ldm	0.130106975
wavelet-LHL	glcm	Correlation	0.320530203
wavelet-LHL	glcm	Autocorrelation	307.7517306
wavelet-LHL	glcm	SumEntropy	4.883014436
wavelet-LHL	glcm	SumSquares	81.61548061
wavelet-LHL	glcm	ClusterProminence	212295.2631
wavelet-LHL	glcm	lmc2	0.996163908
wavelet-LHL	glcm	lmc1	-0.528937328
wavelet-LHL	glcm	DifferenceAverage	7.76353248
wavelet-LHL	glcm	ld	0.21723723
wavelet-LHL	glcm	ClusterTendency	220.6260484
wavelet-LHL	firstorder	InterquartileRange	285.9850807
wavelet-LHL	firstorder	Skewness	1.159123236
wavelet-LHL	firstorder	Uniformity	0.044693208
wavelet-LHL	firstorder	Median	-119.2836102
wavelet-LHL	firstorder	Energy	6206931.148
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	114.4953214
wavelet-LHL	firstorder	MeanAbsoluteDeviation	178.6133754
wavelet-LHL	firstorder	TotalEnergy	167587141
wavelet-LHL	firstorder	Maximum	741.7841276
wavelet-LHL	firstorder	RootMeanSquared	238.6300955
wavelet-LHL	firstorder	90Percentile	277.2098856
wavelet-LHL	firstorder	Minimum	-465.7474833
wavelet-LHL	firstorder	Entropy	4.736313139
wavelet-LHL	firstorder	Range	1207.531611
wavelet-LHL	firstorder	Variance	53353.04897
wavelet-LHL	firstorder	10Percentile	-291.3490544
wavelet-LHL	firstorder	Kurtosis	4.289131173
wavelet-LHL	firstorder	Mean	-59.92723497

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.017079754
wavelet-LHL	grlm	GrayLevelVariance	86.89517973
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.017261481
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.044268144
wavelet-LHL	grlm	RunVariance	0.028815868
wavelet-LHL	grlm	GrayLevelNonUniformity	4.685953094
wavelet-LHL	grlm	LongRunEmphasis	1.091263958
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	377.031442
wavelet-LHL	grlm	RunLengthNonUniformity	99.86261683
wavelet-LHL	grlm	ShortRunEmphasis	0.977184011
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	405.8144366
wavelet-LHL	grlm	RunPercentage	0.971065632
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.017988389
wavelet-LHL	grlm	RunEntropy	4.839400721
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	382.7880409
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.942368265
wavelet-LHL	glszm	GrayLevelVariance	102.5455267
wavelet-LHL	glszm	ZoneVariance	1.093830589
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.039079548
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.511208094
wavelet-LHL	glszm	SizeZoneNonUniformity	36.29577465
wavelet-LHL	glszm	GrayLevelNonUniformity	2.774647887
wavelet-LHL	glszm	LargeAreaEmphasis	3.450704225
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	352.7130243
wavelet-LHL	glszm	ZonePercentage	0.651376147
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.040907692
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	981.915493
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	440.3802817
wavelet-LHL	glszm	SmallAreaEmphasis	0.732664319
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.021899894
wavelet-LHL	glszm	ZoneEntropy	5.381728457
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.019821735
wavelet-LHL	ngtdm	Coarseness	0.053688439
wavelet-LHL	ngtdm	Complexity	2607.055658
wavelet-LHL	ngtdm	Strength	31.23116158
wavelet-LHL	ngtdm	Contrast	0.757562232
wavelet-LHL	ngtdm	Busyness	0.045313638
wavelet-LHH	gldm	GrayLevelVariance	15.4758017
wavelet-LHH	gldm	HighGrayLevelEmphasis	173.2201835
wavelet-LHH	gldm	DependenceEntropy	5.287237738
wavelet-LHH	gldm	DependenceNonUniformity	26.19266055
wavelet-LHH	gldm	GrayLevelNonUniformity	9.330275229
wavelet-LHH	gldm	SmallDependenceEmphasis	0.43155438
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	78.36347074
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.240299638
wavelet-LHH	gldm	LargeDependenceEmphasis	8.339449541
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.06824921
wavelet-LHH	gldm	DependenceVariance	2.339197037
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1355.036697
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014823232
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.018874988
wavelet-LHH	glcm	JointAverage	12.69313929
wavelet-LHH	glcm	SumAverage	25.38627858



wavelet-LHH	glcm	JointEntropy	6.247166221
wavelet-LHH	glcm	ClusterShade	-27.38686515
wavelet-LHH	glcm	MaximumProbability	0.040592304
wavelet-LHH	glcm	Idmn	0.945732359
wavelet-LHH	glcm	JointEnergy	0.015956449
wavelet-LHH	glcm	Contrast	29.38816819
wavelet-LHH	glcm	DifferenceEntropy	3.31964845
wavelet-LHH	glcm	InverseVariance	0.241293163
wavelet-LHH	glcm	DifferenceVariance	12.23634771
wavelet-LHH	glcm	Idn	0.851744552
wavelet-LHH	glcm	Idm	0.23138445
wavelet-LHH	glcm	Correlation	-0.034287239
wavelet-LHH	glcm	Autocorrelation	160.6976878
wavelet-LHH	glcm	SumEntropy	4.062491005
wavelet-LHH	glcm	SumSquares	14.25303494
wavelet-LHH	glcm	ClusterProminence	2886.86302
wavelet-LHH	glcm	Imc2	0.958136147
wavelet-LHH	glcm	Imc1	-0.335758493
wavelet-LHH	glcm	DifferenceAverage	4.089890175
wavelet-LHH	glcm	Id	0.321562207
wavelet-LHH	glcm	ClusterTendency	27.62397159
wavelet-LHH	firstorder	InterquartileRange	101.565048
wavelet-LHH	firstorder	Skewness	-0.209515144
wavelet-LHH	firstorder	Uniformity	0.085598855
wavelet-LHH	firstorder	Median	2.113212653
wavelet-LHH	firstorder	Energy	1046393.783
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	45.54354071
wavelet-LHH	firstorder	MeanAbsoluteDeviation	72.46635503
wavelet-LHH	firstorder	TotalEnergy	28252632.14
wavelet-LHH	firstorder	Maximum	218.7788053
wavelet-LHH	firstorder	RootMeanSquared	97.97929865
wavelet-LHH	firstorder	90Percentile	136.7230761
wavelet-LHH	firstorder	Minimum	-292.3033988
wavelet-LHH	firstorder	Entropy	3.84350158
wavelet-LHH	firstorder	Range	511.0822041
wavelet-LHH	firstorder	Variance	9597.756704
wavelet-LHH	firstorder	10Percentile	-121.4005228
wavelet-LHH	firstorder	Kurtosis	3.414135461
wavelet-LHH	firstorder	Mean	1.47860059
wavelet-LHH	gllm	ShortRunLowGrayLevelEmphasis	0.019309154
wavelet-LHH	gllm	GrayLevelVariance	16.14544453
wavelet-LHH	gllm	LowGrayLevelRunEmphasis	0.019593074
wavelet-LHH	gllm	GrayLevelNonUniformityNormalized	0.082149267
wavelet-LHH	gllm	RunVariance	0.066107395
wavelet-LHH	gllm	GrayLevelNonUniformity	8.454896329
wavelet-LHH	gllm	LongRunEmphasis	1.189936703
wavelet-LHH	gllm	ShortRunHighGrayLevelEmphasis	166.9643482
wavelet-LHH	gllm	RunLengthNonUniformity	92.49619268
wavelet-LHH	gllm	ShortRunEmphasis	0.958451917
wavelet-LHH	gllm	LongRunHighGrayLevelEmphasis	204.6954791
wavelet-LHH	gllm	RunPercentage	0.944248412
wavelet-LHH	gllm	LongRunLowGrayLevelEmphasis	0.020898637
wavelet-LHH	gllm	RunEntropy	4.092291561

wavelet-LHH	grlm	HighGrayLevelRunEmphasis	173.8032664
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.897619593
wavelet-LHH	glszm	GrayLevelVariance	25.34082645
wavelet-LHH	glszm	ZoneVariance	7.108760331
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.063801653
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.475041322
wavelet-LHH	glszm	SizeZoneNonUniformity	26.12727273
wavelet-LHH	glszm	GrayLevelNonUniformity	3.509090909
wavelet-LHH	glszm	LargeAreaEmphasis	11.03636364
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	131.810967
wavelet-LHH	glszm	ZonePercentage	0.504587156
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.096688859
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1792.2
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	181.3636364
wavelet-LHH	glszm	SmallAreaEmphasis	0.714178939
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.030526195
wavelet-LHH	glszm	ZoneEntropy	4.803642668
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.028329469
wavelet-LHH	ngtdm	Coarseness	0.057230658
wavelet-LHH	ngtdm	Complexity	419.6197878
wavelet-LHH	ngtdm	Strength	5.661310045
wavelet-LHH	ngtdm	Contrast	0.281760675
wavelet-LHH	ngtdm	Busyness	0.080538463
wavelet-LLH	gldm	GrayLevelVariance	56.73175659
wavelet-LLH	gldm	HighGrayLevelEmphasis	484.3486239
wavelet-LLH	gldm	DependenceEntropy	5.507421224
wavelet-LLH	gldm	DependenceNonUniformity	34.59633028
wavelet-LLH	gldm	GrayLevelNonUniformity	5.770642202
wavelet-LLH	gldm	SmallDependenceEmphasis	0.559604995
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	312.1717788
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.317397525
wavelet-LLH	gldm	LargeDependenceEmphasis	5.697247706
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02999645
wavelet-LLH	gldm	DependenceVariance	1.511657268
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2247.119266
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010927674
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012563142
wavelet-LLH	glcm	JointAverage	20.04363708
wavelet-LLH	glcm	SumAverage	40.08727416
wavelet-LLH	glcm	JointEntropy	6.733243157
wavelet-LLH	glcm	ClusterShade	726.4201442
wavelet-LLH	glcm	MaximumProbability	0.024212187
wavelet-LLH	glcm	ldmn	0.958890985
wavelet-LLH	glcm	JointEnergy	0.01033549
wavelet-LLH	glcm	Contrast	79.82671033
wavelet-LLH	glcm	DifferenceEntropy	3.885985193
wavelet-LLH	glcm	InverseVariance	0.132764629
wavelet-LLH	glcm	DifferenceVariance	28.12153696
wavelet-LLH	glcm	ldn	0.866325108
wavelet-LLH	glcm	ldm	0.146432
wavelet-LLH	glcm	Correlation	0.176879236
wavelet-LLH	glcm	Autocorrelation	411.1114634
wavelet-LLH	glcm	SumEntropy	4.789736212

wavelet-LLH	glcm	SumSquares	49.21634478
wavelet-LLH	glcm	ClusterProminence	47040.42067
wavelet-LLH	glcm	Imc2	0.991377281
wavelet-LLH	glcm	Imc1	-0.468059486
wavelet-LLH	glcm	DifferenceAverage	6.919174389
wavelet-LLH	glcm	Id	0.235658864
wavelet-LLH	glcm	ClusterTendency	117.0386688
wavelet-LLH	firstorder	InterquartileRange	226.6681512
wavelet-LLH	firstorder	Skewness	0.377768308
wavelet-LLH	firstorder	Uniformity	0.052941672
wavelet-LLH	firstorder	Median	-56.23508147
wavelet-LLH	firstorder	Energy	4071333.816
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	108.308988
wavelet-LLH	firstorder	MeanAbsoluteDeviation	151.7413456
wavelet-LLH	firstorder	TotalEnergy	109926013
wavelet-LLH	firstorder	Maximum	458.7437186
wavelet-LLH	firstorder	RootMeanSquared	193.2658438
wavelet-LLH	firstorder	90Percentile	236.2976642
wavelet-LLH	firstorder	Minimum	-535.9325273
wavelet-LLH	firstorder	Entropy	4.50807607
wavelet-LLH	firstorder	Range	994.676246
wavelet-LLH	firstorder	Variance	35421.39339
wavelet-LLH	firstorder	10Percentile	-262.0081074
wavelet-LLH	firstorder	Kurtosis	2.911183527
wavelet-LLH	firstorder	Mean	-43.93509985
wavelet-LLH	gllm	ShortRunLowGrayLevelEmphasis	0.012829048
wavelet-LLH	gllm	GrayLevelVariance	57.60461301
wavelet-LLH	gllm	LowGrayLevelRunEmphasis	0.012941023
wavelet-LLH	gllm	GrayLevelNonUniformityNormalized	0.051845043
wavelet-LLH	gllm	RunVariance	0.04459923
wavelet-LLH	gllm	GrayLevelNonUniformity	5.424993955
wavelet-LLH	gllm	LongRunEmphasis	1.132200049
wavelet-LLH	gllm	ShortRunHighGrayLevelEmphasis	476.7277026
wavelet-LLH	gllm	RunLengthNonUniformity	96.72722323
wavelet-LLH	gllm	ShortRunEmphasis	0.969474344
wavelet-LLH	gllm	LongRunHighGrayLevelEmphasis	539.2570379
wavelet-LLH	gllm	RunPercentage	0.959774171
wavelet-LLH	gllm	LongRunLowGrayLevelEmphasis	0.013429321
wavelet-LLH	gllm	RunEntropy	4.675413737
wavelet-LLH	gllm	HighGrayLevelRunEmphasis	488.5634056
wavelet-LLH	gllm	RunLengthNonUniformityNormalized	0.923557863
wavelet-LLH	glszm	GrayLevelVariance	68.00778547
wavelet-LLH	glszm	ZoneVariance	1.680579585
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.044117647
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.619377163
wavelet-LLH	glszm	SizeZoneNonUniformity	42.11764706
wavelet-LLH	glszm	GrayLevelNonUniformity	3
wavelet-LLH	glszm	LargeAreaEmphasis	4.25
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	465.7853309
wavelet-LLH	glszm	ZonePercentage	0.623853211
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.029841138
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1744.323529
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	545.5588235

wavelet-LLH	glszm	SmallAreaEmphasis	0.804207516
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017914291
wavelet-LLH	glszm	ZoneEntropy	5.138502179
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017165075
wavelet-LLH	ngtdm	Coarseness	0.041421759
wavelet-LLH	ngtdm	Complexity	1925.666889
wavelet-LLH	ngtdm	Strength	16.81329764
wavelet-LLH	ngtdm	Contrast	0.72419633
wavelet-LLH	ngtdm	Busyness	0.05308374
wavelet-LLL	gldm	GrayLevelVariance	427.2948405
wavelet-LLL	gldm	HighGrayLevelEmphasis	2410.40367
wavelet-LLL	gldm	DependenceEntropy	5.816125265
wavelet-LLL	gldm	DependenceNonUniformity	53.25688073
wavelet-LLL	gldm	GrayLevelNonUniformity	2.853211009
wavelet-LLL	gldm	SmallDependenceEmphasis	0.7245158
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1601.09684
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.488595236
wavelet-LLL	gldm	LargeDependenceEmphasis	2.963302752
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.020254418
wavelet-LLL	gldm	DependenceVariance	0.671828971
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	9346.550459
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011502673
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.013179033
wavelet-LLL	glcm	JointAverage	50.69788602
wavelet-LLL	glcm	SumAverage	101.395772
wavelet-LLL	glcm	JointEntropy	6.997088704
wavelet-LLL	glcm	ClusterShade	-9929.663809
wavelet-LLL	glcm	MaximumProbability	0.016483408
wavelet-LLL	glcm	ldmn	0.92273511
wavelet-LLL	glcm	JointEnergy	0.008105411
wavelet-LLL	glcm	Contrast	577.9367069
wavelet-LLL	glcm	DifferenceEntropy	4.881906706
wavelet-LLL	glcm	InverseVariance	0.048102953
wavelet-LLL	glcm	DifferenceVariance	194.4112577
wavelet-LLL	glcm	ldn	0.818415349
wavelet-LLL	glcm	ldm	0.062445552
wavelet-LLL	glcm	Correlation	0.275028336
wavelet-LLL	glcm	Autocorrelation	2683.349497
wavelet-LLL	glcm	SumEntropy	5.581407785
wavelet-LLL	glcm	SumSquares	400.5224789
wavelet-LLL	glcm	ClusterProminence	2559680.657
wavelet-LLL	glcm	lmc2	0.999730118
wavelet-LLL	glcm	lmc1	-0.700455732
wavelet-LLL	glcm	DifferenceAverage	19.27362862
wavelet-LLL	glcm	ld	0.122538923
wavelet-LLL	glcm	ClusterTendency	1024.153208
wavelet-LLL	firstorder	InterquartileRange	846.9949757
wavelet-LLL	firstorder	Skewness	-0.095434346
wavelet-LLL	firstorder	Uniformity	0.026176248
wavelet-LLL	firstorder	Median	-641.3974933
wavelet-LLL	firstorder	Energy	71376305.72
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	336.6307434
wavelet-LLL	firstorder	MeanAbsoluteDeviation	440.2285116

wavelet-LLL	firstorder	TotalEnergy	1927160254
wavelet-LLL	firstorder	Maximum	220.0717301
wavelet-LLL	firstorder	RootMeanSquared	809.2147384
wavelet-LLL	firstorder	90Percentile	97.12579791
wavelet-LLL	firstorder	Minimum	-1711.233019
wavelet-LLL	firstorder	Entropy	5.495972999
wavelet-LLL	firstorder	Range	1931.304749
wavelet-LLL	firstorder	Variance	267222.2107
wavelet-LLL	firstorder	10Percentile	-1257.261768
wavelet-LLL	firstorder	Kurtosis	2.091947547
wavelet-LLL	firstorder	Mean	-622.5803419
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.013291187
wavelet-LLL	grlm	GrayLevelVariance	424.9838261
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.01335823
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.025935887
wavelet-LLL	grlm	RunVariance	0.021215088
wavelet-LLL	grlm	GrayLevelNonUniformity	2.771511522
wavelet-LLL	grlm	LongRunEmphasis	1.062655083
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	2343.761234
wavelet-LLL	grlm	RunLengthNonUniformity	102.8123049
wavelet-LLL	grlm	ShortRunEmphasis	0.985158057
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	2599.565965
wavelet-LLL	grlm	RunPercentage	0.980239944
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.013627261
wavelet-LLL	grlm	RunEntropy	5.547759244
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	2392.394895
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.961837006
wavelet-LLL	glszm	GrayLevelVariance	411.7751354
wavelet-LLL	glszm	ZoneVariance	0.395825076
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024441802
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.699828247
wavelet-LLL	glszm	SizeZoneNonUniformity	60.88505747
wavelet-LLL	glszm	GrayLevelNonUniformity	2.126436782
wavelet-LLL	glszm	LargeAreaEmphasis	1.965517241
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1881.912197
wavelet-LLL	glszm	ZonePercentage	0.798165138
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.019412445
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5403.609195
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2253.862069
wavelet-LLL	glszm	SmallAreaEmphasis	0.861590038
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.015102263
wavelet-LLL	glszm	ZoneEntropy	5.781911599
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014067672
wavelet-LLL	ngtdm	Coarseness	0.024814667
wavelet-LLL	ngtdm	Complexity	22568.08122
wavelet-LLL	ngtdm	Strength	65.65208786
wavelet-LLL	ngtdm	Contrast	4.104727341
wavelet-LLL	ngtdm	Busyness	0.01949824
wavelet-HHL	gldm	GrayLevelVariance	16.1664843
wavelet-HHL	gldm	HighGrayLevelEmphasis	132.5688073
wavelet-HHL	gldm	DependenceEntropy	5.26705672
wavelet-HHL	gldm	DependenceNonUniformity	27.3853211
wavelet-HHL	gldm	GrayLevelNonUniformity	8.559633028

wavelet-HHL	gldm	SmallDependenceEmphasis	0.414057085
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	59.44752294
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.251241478
wavelet-HHL	gldm	LargeDependenceEmphasis	6.871559633
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.100887794
wavelet-HHL	gldm	DependenceVariance	1.484050164
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	902.2752294
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.020249218
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.02976387
wavelet-HHL	glcm	JointAverage	10.76507439
wavelet-HHL	glcm	SumAverage	21.53014878
wavelet-HHL	glcm	JointEntropy	6.399126432
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wavelet-HHL	glcm	DifferenceEntropy	3.431077935
wavelet-HHL	glcm	InverseVariance	0.210023593
wavelet-HHL	glcm	DifferenceVariance	12.62486479
wavelet-HHL	glcm	Idn	0.839133299
wavelet-HHL	glcm	Idm	0.20707629
wavelet-HHL	glcm	Correlation	0.006809014
wavelet-HHL	glcm	Autocorrelation	116.0546832
wavelet-HHL	glcm	SumEntropy	4.170451504
wavelet-HHL	glcm	SumSquares	16.74589959
wavelet-HHL	glcm	ClusterProminence	3584.968698
wavelet-HHL	glcm	Imc2	0.965200812
wavelet-HHL	glcm	Imc1	-0.354100744
wavelet-HHL	glcm	DifferenceAverage	4.486995287
wavelet-HHL	glcm	Id	0.299869366
wavelet-HHL	glcm	ClusterTendency	33.72050258
wavelet-HHL	firstorder	InterquartileRange	121.8160211
wavelet-HHL	firstorder	Skewness	-0.108790017
wavelet-HHL	firstorder	Uniformity	0.078528743
wavelet-HHL	firstorder	Median	9.791010715
wavelet-HHL	firstorder	Energy	1117003.395
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.34547277
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wavelet-HHL	firstorder	Maximum	264.9508877
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wavelet-HHL	firstorder	Entropy	3.907504917
wavelet-HHL	firstorder	Range	513.7542774
wavelet-HHL	firstorder	Variance	10193.94858
wavelet-HHL	firstorder	10Percentile	-108.1689643
wavelet-HHL	firstorder	Kurtosis	3.159428861
wavelet-HHL	firstorder	Mean	7.334097554
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.03008914
wavelet-HHL	glrlm	GrayLevelVariance	16.57640455
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.030644236

wavelet-HHL	gllm	GrayLevelNonUniformityNormalized	0.077084495
wavelet-HHL	gllm	RunVariance	0.058314431
wavelet-HHL	gllm	GrayLevelNonUniformity	7.978196668
wavelet-HHL	gllm	LongRunEmphasis	1.172981632
wavelet-HHL	gllm	ShortRunHighGrayLevelEmphasis	127.7806528
wavelet-HHL	gllm	RunLengthNonUniformity	93.73963877
wavelet-HHL	gllm	ShortRunEmphasis	0.960748624
wavelet-HHL	gllm	LongRunHighGrayLevelEmphasis	155.3562668
wavelet-HHL	gllm	RunPercentage	0.949188426
wavelet-HHL	gllm	LongRunLowGrayLevelEmphasis	0.032964339
wavelet-HHL	gllm	RunEntropy	4.127486704
wavelet-HHL	gllm	HighGrayLevelRunEmphasis	132.7699993
wavelet-HHL	gllm	RunLengthNonUniformityNormalized	0.903786414
wavelet-HHL	glszm	GrayLevelVariance	23.74154503
wavelet-HHL	glszm	ZoneVariance	4.996796013
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.064435742
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wavelet-HHL	glszm	SizeZoneNonUniformity	22.88679245
wavelet-HHL	glszm	GrayLevelNonUniformity	3.41509434
wavelet-HHL	glszm	LargeAreaEmphasis	9.226415094
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	101.8430714
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wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.13355898
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1247.849057
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	139
wavelet-HHL	glszm	SmallAreaEmphasis	0.681525137
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.045781956
wavelet-HHL	glszm	ZoneEntropy	4.930473992
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.038657162
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wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	40.89116473
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.231714502
wavelet-HLH	gldm	LargeDependenceEmphasis	7.844036697
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.176674775
wavelet-HLH	gldm	DependenceVariance	1.662654659
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wavelet-HLH	glcm	JointAverage	8.72481216
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wavelet-HLH	glcm	JointEntropy	6.300629121
wavelet-HLH	glcm	ClusterShade	23.58940275
wavelet-HLH	glcm	MaximumProbability	0.036126792

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wavelet-HLH	glcm	Correlation	0.024364929
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wavelet-HLH	glcm	ClusterTendency	23.22175292
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wavelet-HLH	firstorder	Energy	791466.5905
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	48.64664429
wavelet-HLH	firstorder	MeanAbsoluteDeviation	68.58408274
wavelet-HLH	firstorder	TotalEnergy	21369597.94
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wavelet-HLH	firstorder	RootMeanSquared	85.21244851
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wavelet-HLH	firstorder	Entropy	3.693292774
wavelet-HLH	firstorder	Range	415.8011119
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wavelet-HLH	firstorder	Kurtosis	2.598933977
wavelet-HLH	firstorder	Mean	4.498053869
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.032855469
wavelet-HLH	grlm	GrayLevelVariance	11.71582473
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.033768711
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.088231214
wavelet-HLH	grlm	RunVariance	0.067618012
wavelet-HLH	grlm	GrayLevelNonUniformity	9.070009898
wavelet-HLH	grlm	LongRunEmphasis	1.196844726
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	85.20724882
wavelet-HLH	grlm	RunLengthNonUniformity	92.15713633
wavelet-HLH	grlm	ShortRunEmphasis	0.956866177
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	101.5805418
wavelet-HLH	grlm	RunPercentage	0.94283698
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.037957212
wavelet-HLH	grlm	RunEntropy	3.938639289
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	88.18004993
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.894752425
wavelet-HLH	glszm	GrayLevelVariance	16.98914931



wavelet-HLH	glszm	ZoneVariance	4.114149306
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.072048611
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wavelet-HLH	glszm	SizeZoneNonUniformity	19.20833333
wavelet-HLH	glszm	GrayLevelNonUniformity	3.458333333
wavelet-HLH	glszm	LargeAreaEmphasis	9.270833333
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	76.62529538
wavelet-HLH	glszm	ZonePercentage	0.440366972
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.215010176
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	680.7916667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	105.2708333
wavelet-HLH	glszm	SmallAreaEmphasis	0.65105705
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.048340525
wavelet-HLH	glszm	ZoneEntropy	4.672995053
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.040770384
wavelet-HLH	ngtdm	Coarseness	0.045912856
wavelet-HLH	ngtdm	Complexity	300.6258468
wavelet-HLH	ngtdm	Strength	3.879636233
wavelet-HLH	ngtdm	Contrast	0.238791395
wavelet-HLH	ngtdm	Busyness	0.17664157

Image type	Feature Class	Feature Name	
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	95
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original	shape	MinorAxis	14.5084849
original	shape	Elongation	0.769522787
original	shape	SurfaceVolumeRatio	0.38689954
original	shape	Volume	2565
original	shape	MajorAxis	18.85387301
original	shape	SurfaceArea	992.397319
original	shape	Flatness	0.701680826
original	shape	LeastAxis	13.22940119
original	shape	Maximum2DDiameterColumn	19.20937271
original	shape	Maximum2DDiameterRow	17.49285568
original	gldm	GrayLevelVariance	54.77163435
original	gldm	HighGrayLevelEmphasis	477.8315789
original	gldm	DependenceEntropy	5.372501861
original	gldm	DependenceNonUniformity	23.48421053
original	gldm	GrayLevelNonUniformity	9.421052632
original	gldm	SmallDependenceEmphasis	0.502719446
original	gldm	SmallDependenceHighGrayLevelEmphasis	162.534847
original	gldm	DependenceNonUniformityNormalized	0.247202216
original	gldm	LargeDependenceEmphasis	22.45263158
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.058756562
original	gldm	DependenceVariance	10.16576177
original	gldm	LargeDependenceHighGrayLevelEmphasis	15277.2
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.02604456
original	gldm	LowGrayLevelEmphasis	0.02698309
original	glcm	JointAverage	22.18551841
original	glcm	SumAverage	44.37103681
original	glcm	JointEntropy	5.695548679

original	glcm	ClusterShade	-1133.653654
original	glcm	MaximumProbability	0.099372905
original	glcm	Idmn	0.928065851
original	glcm	JointEnergy	0.031456582
original	glcm	Contrast	75.90130783
original	glcm	DifferenceEntropy	3.692358687
original	glcm	InverseVariance	0.242295078
original	glcm	DifferenceVariance	40.27437248
original	glcm	Idn	0.850489427
original	glcm	Idm	0.289653032
original	glcm	Correlation	0.121271129
original	glcm	Autocorrelation	497.4602702
original	glcm	SumEntropy	4.268432676
original	glcm	SumSquares	43.16576392
original	glcm	ClusterProminence	35056.97532
original	glcm	Imc2	0.970696655
original	glcm	Imc1	-0.404912402
original	glcm	DifferenceAverage	5.930665537
original	glcm	Id	0.353467558
original	glcm	ClusterTendency	96.76174787
original	firstorder	InterquartileRange	236.5
original	firstorder	Skewness	-1.077450263
original	firstorder	Uniformity	0.099168975
original	firstorder	Median	-46
original	firstorder	Energy	4687312
original	firstorder	RobustMeanAbsoluteDeviation	111.072
original	firstorder	MeanAbsoluteDeviation	153.0905263
original	firstorder	TotalEnergy	126557424
original	firstorder	Maximum	64
original	firstorder	RootMeanSquared	222.1263747
original	firstorder	90Percentile	39.2
original	firstorder	Minimum	-613
original	firstorder	Entropy	4.012159236
original	firstorder	Range	677
original	firstorder	Variance	34161.88632
original	firstorder	10Percentile	-421.8
original	firstorder	Kurtosis	2.986381356
original	firstorder	Mean	-123.2
original	glrlm	ShortRunLowGrayLevelEmphasis	0.029615222
original	glrlm	GrayLevelVariance	56.63743049
original	glrlm	LowGrayLevelRunEmphasis	0.029729649
original	glrlm	GrayLevelNonUniformityNormalized	0.081697812
original	glrlm	RunVariance	0.120808213
original	glrlm	GrayLevelNonUniformity	7.030258436
original	glrlm	LongRunEmphasis	1.350022311
original	glrlm	ShortRunHighGrayLevelEmphasis	406.3250936
original	glrlm	RunLengthNonUniformity	71.15696632
original	glrlm	ShortRunEmphasis	0.926942565
original	glrlm	LongRunHighGrayLevelEmphasis	694.6566189
original	glrlm	RunPercentage	0.903643725
original	glrlm	LongRunLowGrayLevelEmphasis	0.030270192
original	glrlm	RunEntropy	4.473693444
original	glrlm	HighGrayLevelRunEmphasis	455.9161591
original	glrlm	RunLengthNonUniformityNormalized	0.827338097
original	glszm	GrayLevelVariance	57.11649408

original	glszm	ZoneVariance	11.95081361
original	glszm	GrayLevelNonUniformityNormalized	0.047337278
original	glszm	SizeZoneNonUniformityNormalized	0.702662722
original	glszm	SizeZoneNonUniformity	36.53846154
original	glszm	GrayLevelNonUniformity	2.461538462
original	glszm	LargeAreaEmphasis	15.28846154
original	glszm	SmallAreaHighGrayLevelEmphasis	266.5276923
original	glszm	ZonePercentage	0.547368421
original	glszm	LargeAreaLowGrayLevelEmphasis	0.069118741
original	glszm	LargeAreaHighGrayLevelEmphasis	10210.46154
original	glszm	HighGrayLevelZoneEmphasis	333.8269231
original	glszm	SmallAreaEmphasis	0.860684354
original	glszm	LowGrayLevelZoneEmphasis	0.047836896
original	glszm	ZoneEntropy	4.849196208
original	glszm	SmallAreaLowGrayLevelEmphasis	0.047429593
original	ngtdm	Coarseness	0.028097939
original	ngtdm	Complexity	1582.105354
original	ngtdm	Strength	15.81156443
original	ngtdm	Contrast	0.867039012
original	ngtdm	Busyness	0.050836455
wavelet-HHH	gldm	GrayLevelVariance	21.55457064
wavelet-HHH	gldm	HighGrayLevelEmphasis	364.7789474
wavelet-HHH	gldm	DependenceEntropy	5.294135088
wavelet-HHH	gldm	DependenceNonUniformity	22.47368421
wavelet-HHH	gldm	GrayLevelNonUniformity	8.347368421
wavelet-HHH	gldm	SmallDependenceEmphasis	0.460430377
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	170.8065736
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.236565097
wavelet-HHH	gldm	LargeDependenceEmphasis	8.852631579
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038006931
wavelet-HHH	gldm	DependenceVariance	2.628919668
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2993.221053
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012316493
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013909153
wavelet-HHH	glcm	JointAverage	18.57900883
wavelet-HHH	glcm	SumAverage	37.15801766
wavelet-HHH	glcm	JointEntropy	6.110212002
wavelet-HHH	glcm	ClusterShade	-19.85896851
wavelet-HHH	glcm	MaximumProbability	0.043699993
wavelet-HHH	glcm	Idmn	0.960603054
wavelet-HHH	glcm	JointEnergy	0.017278564
wavelet-HHH	glcm	Contrast	49.55903994
wavelet-HHH	glcm	DifferenceEntropy	3.500134119
wavelet-HHH	glcm	InverseVariance	0.251619412
wavelet-HHH	glcm	DifferenceVariance	25.00347324
wavelet-HHH	glcm	Idn	0.881416955
wavelet-HHH	glcm	Idm	0.23919468
wavelet-HHH	glcm	Correlation	-0.042648912
wavelet-HHH	glcm	Autocorrelation	344.2157203
wavelet-HHH	glcm	SumEntropy	4.131457699
wavelet-HHH	glcm	SumSquares	23.8001861
wavelet-HHH	glcm	ClusterProminence	11641.24585
wavelet-HHH	glcm	Imc2	0.980717602
wavelet-HHH	glcm	Imc1	-0.423007091
wavelet-HHH	glcm	DifferenceAverage	4.879722687

wavelet-HHH	glcm	Id	0.321147081
wavelet-HHH	glcm	ClusterTendency	45.64170448
wavelet-HHH	firstorder	InterquartileRange	92.45953093
wavelet-HHH	firstorder	Skewness	-0.009900005
wavelet-HHH	firstorder	Uniformity	0.087867036
wavelet-HHH	firstorder	Median	-2.199763405
wavelet-HHH	firstorder	Energy	1250170.139
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	41.73363031
wavelet-HHH	firstorder	MeanAbsoluteDeviation	78.61624493
wavelet-HHH	firstorder	TotalEnergy	33754593.75
wavelet-HHH	firstorder	Maximum	336.6903678
wavelet-HHH	firstorder	RootMeanSquared	114.7156732
wavelet-HHH	firstorder	90Percentile	132.4762286
wavelet-HHH	firstorder	Minimum	-426.2033659
wavelet-HHH	firstorder	Entropy	3.925088419
wavelet-HHH	firstorder	Range	762.8937337
wavelet-HHH	firstorder	Variance	13157.57783
wavelet-HHH	firstorder	10Percentile	-122.9396449
wavelet-HHH	firstorder	Kurtosis	5.27680415
wavelet-HHH	firstorder	Mean	1.451841191
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014446143
wavelet-HHH	glrlm	GrayLevelVariance	22.64078219
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.014579139
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.083958076
wavelet-HHH	glrlm	RunVariance	0.064093309
wavelet-HHH	glrlm	GrayLevelNonUniformity	7.521244
wavelet-HHH	glrlm	LongRunEmphasis	1.191751731
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	350.987477
wavelet-HHH	glrlm	RunLengthNonUniformity	79.90295125
wavelet-HHH	glrlm	ShortRunEmphasis	0.955915303
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	431.4873095
wavelet-HHH	glrlm	RunPercentage	0.942510121
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.015163286
wavelet-HHH	glrlm	RunEntropy	4.195667318
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	366.1678194
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.891377872
wavelet-HHH	glszm	GrayLevelVariance	38.24717067
wavelet-HHH	glszm	ZoneVariance	7.169760072
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.058397465
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.601629697
wavelet-HHH	glszm	SizeZoneNonUniformity	28.27659574
wavelet-HHH	glszm	GrayLevelNonUniformity	2.744680851
wavelet-HHH	glszm	LargeAreaEmphasis	11.25531915
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	295.1150356
wavelet-HHH	glszm	ZonePercentage	0.494736842
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.05631782
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3832.978723
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	378.5319149
wavelet-HHH	glszm	SmallAreaEmphasis	0.795859145
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.025061427
wavelet-HHH	glszm	ZoneEntropy	4.796936927
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024505644
wavelet-HHH	ngtdm	Coarseness	0.06780018
wavelet-HHH	ngtdm	Complexity	768.472723
wavelet-HHH	ngtdm	Strength	12.01426359

wavelet-HHH	ngtdm	Contrast	0.267042966
wavelet-HHH	ngtdm	Busyness	0.031176046
wavelet-HLL	gldm	GrayLevelVariance	59.4032133
wavelet-HLL	gldm	HighGrayLevelEmphasis	765.2842105
wavelet-HLL	gldm	DependenceEntropy	5.313453014
wavelet-HLL	gldm	DependenceNonUniformity	35.46315789
wavelet-HLL	gldm	GrayLevelNonUniformity	4.978947368
wavelet-HLL	gldm	SmallDependenceEmphasis	0.594590643
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	474.5122076
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.373296399
wavelet-HLL	gldm	LargeDependenceEmphasis	3.8
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019755465
wavelet-HLL	gldm	DependenceVariance	0.783379501
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2616.926316
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01410833
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014804548
wavelet-HLL	glcm	JointAverage	26.52218332
wavelet-HLL	glcm	SumAverage	53.04436665
wavelet-HLL	glcm	JointEntropy	6.544491493
wavelet-HLL	glcm	ClusterShade	263.1215556
wavelet-HLL	glcm	MaximumProbability	0.023020291
wavelet-HLL	glcm	Idmn	0.961146947
wavelet-HLL	glcm	JointEnergy	0.011623096
wavelet-HLL	glcm	Contrast	92.48413465
wavelet-HLL	glcm	DifferenceEntropy	3.842723428
wavelet-HLL	glcm	InverseVariance	0.160266118
wavelet-HLL	glcm	DifferenceVariance	40.8105393
wavelet-HLL	glcm	Idn	0.87502415
wavelet-HLL	glcm	Idm	0.14570086
wavelet-HLL	glcm	Correlation	0.083126388
wavelet-HLL	glcm	Autocorrelation	707.4955842
wavelet-HLL	glcm	SumEntropy	4.647496009
wavelet-HLL	glcm	SumSquares	50.2179655
wavelet-HLL	glcm	ClusterProminence	44358.85665
wavelet-HLL	glcm	Imc2	0.994935046
wavelet-HLL	glcm	Imc1	-0.522166906
wavelet-HLL	glcm	DifferenceAverage	6.98236429
wavelet-HLL	glcm	Id	0.234783369
wavelet-HLL	glcm	ClusterTendency	108.3877273
wavelet-HLL	firstorder	InterquartileRange	262.1813167
wavelet-HLL	firstorder	Skewness	-0.299397637
wavelet-HLL	firstorder	Uniformity	0.052409972
wavelet-HLL	firstorder	Median	-80.37698082
wavelet-HLL	firstorder	Energy	3979428.251
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	105.4517863
wavelet-HLL	firstorder	MeanAbsoluteDeviation	151.0371902
wavelet-HLL	firstorder	TotalEnergy	107444562.8
wavelet-HLL	firstorder	Maximum	361.2877288
wavelet-HLL	firstorder	RootMeanSquared	204.667336
wavelet-HLL	firstorder	90Percentile	156.4602919
wavelet-HLL	firstorder	Minimum	-702.0905883
wavelet-HLL	firstorder	Entropy	4.527375195
wavelet-HLL	firstorder	Range	1063.378317
wavelet-HLL	firstorder	Variance	36522.59395
wavelet-HLL	firstorder	10Percentile	-255.8820478

wavelet-HLL	firstorder	Kurtosis	4.071769314
wavelet-HLL	firstorder	Mean	-73.25383594
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015150053
wavelet-HLL	glrlm	GrayLevelVariance	60.13920578
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015188498
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.051643216
wavelet-HLL	glrlm	RunVariance	0.028295412
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.767166349
wavelet-HLL	glrlm	LongRunEmphasis	1.088191171
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	752.5533605
wavelet-HLL	glrlm	RunLengthNonUniformity	87.12390237
wavelet-HLL	glrlm	ShortRunEmphasis	0.977952207
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	828.0418325
wavelet-HLL	glrlm	RunPercentage	0.971659919
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.015342278
wavelet-HLL	glrlm	RunEntropy	4.637714038
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	767.6510549
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.943409175
wavelet-HLL	glszm	GrayLevelVariance	70.65991211
wavelet-HLL	glszm	ZoneVariance	1.249755859
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.046875
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.577636719
wavelet-HLL	glszm	SizeZoneNonUniformity	36.96875
wavelet-HLL	glszm	GrayLevelNonUniformity	3
wavelet-HLL	glszm	LargeAreaEmphasis	3.453125
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	633.0047743
wavelet-HLL	glszm	ZonePercentage	0.673684211
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.025354639
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2450.90625
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	793.765625
wavelet-HLL	glszm	SmallAreaEmphasis	0.786024306
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021146245
wavelet-HLL	glszm	ZoneEntropy	5.088457868
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.020779595
wavelet-HLL	ngtdm	Coarseness	0.046775962
wavelet-HLL	ngtdm	Complexity	2194.803227
wavelet-HLL	ngtdm	Strength	20.97316086
wavelet-HLL	ngtdm	Contrast	0.735483538
wavelet-HLL	ngtdm	Busyness	0.03321815
wavelet-LHL	gldm	GrayLevelVariance	65.32786704
wavelet-LHL	gldm	HighGrayLevelEmphasis	263.9894737
wavelet-LHL	gldm	DependenceEntropy	5.552706235
wavelet-LHL	gldm	DependenceNonUniformity	28.2
wavelet-LHL	gldm	GrayLevelNonUniformity	4.789473684
wavelet-LHL	gldm	SmallDependenceEmphasis	0.472681287
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	138.4965146
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.296842105
wavelet-LHL	gldm	LargeDependenceEmphasis	5.273684211
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.081780567
wavelet-LHL	gldm	DependenceVariance	1.060387812
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1178.747368
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.020860651
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.029744833
wavelet-LHL	glcm	JointAverage	13.48918111
wavelet-LHL	glcm	SumAverage	26.97836222

wavelet-LHL	glcm	JointEntropy	6.55280314
wavelet-LHL	glcm	ClusterShade	2133.186611
wavelet-LHL	glcm	MaximumProbability	0.026844234
wavelet-LHL	glcm	Idmn	0.952713438
wavelet-LHL	glcm	JointEnergy	0.011543245
wavelet-LHL	glcm	Contrast	76.69755111
wavelet-LHL	glcm	DifferenceEntropy	3.818849805
wavelet-LHL	glcm	InverseVariance	0.16824421
wavelet-LHL	glcm	DifferenceVariance	31.22450349
wavelet-LHL	glcm	Idn	0.862897129
wavelet-LHL	glcm	Idm	0.167290859
wavelet-LHL	glcm	Correlation	0.359634299
wavelet-LHL	glcm	Autocorrelation	204.4020482
wavelet-LHL	glcm	SumEntropy	4.719163042
wavelet-LHL	glcm	SumSquares	60.70984132
wavelet-LHL	glcm	ClusterProminence	97853.56882
wavelet-LHL	glcm	Imc2	0.995086228
wavelet-LHL	glcm	Imc1	-0.523977893
wavelet-LHL	glcm	DifferenceAverage	6.559151223
wavelet-LHL	glcm	Id	0.25465536
wavelet-LHL	glcm	ClusterTendency	166.1418142
wavelet-LHL	firstorder	InterquartileRange	306.0531403
wavelet-LHL	firstorder	Skewness	0.826476473
wavelet-LHL	firstorder	Uniformity	0.050415512
wavelet-LHL	firstorder	Median	-86.01194783
wavelet-LHL	firstorder	Energy	3961072.246
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	109.7242768
wavelet-LHL	firstorder	MeanAbsoluteDeviation	161.4599119
wavelet-LHL	firstorder	TotalEnergy	106948950.6
wavelet-LHL	firstorder	Maximum	532.5904257
wavelet-LHL	firstorder	RootMeanSquared	204.1947534
wavelet-LHL	firstorder	90Percentile	240.4735948
wavelet-LHL	firstorder	Minimum	-351.7685097
wavelet-LHL	firstorder	Entropy	4.540820484
wavelet-LHL	firstorder	Range	884.3589354
wavelet-LHL	firstorder	Variance	40473.31997
wavelet-LHL	firstorder	10Percentile	-243.3354365
wavelet-LHL	firstorder	Kurtosis	3.099530139
wavelet-LHL	firstorder	Mean	-34.95965329
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.029996695
wavelet-LHL	glrlm	GrayLevelVariance	66.30294596
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.030428336
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.04947174
wavelet-LHL	glrlm	RunVariance	0.043845078
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.510748535
wavelet-LHL	glrlm	LongRunEmphasis	1.131477183
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	258.6894602
wavelet-LHL	glrlm	RunLengthNonUniformity	84.11927313
wavelet-LHL	glrlm	ShortRunEmphasis	0.969073457
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	294.8584926
wavelet-LHL	glrlm	RunPercentage	0.95951417
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.032208863
wavelet-LHL	glrlm	RunEntropy	4.689622637
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	265.6994615
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.922082529



wavelet-LHL	glszm	GrayLevelVariance	77.79966942
wavelet-LHL	glszm	ZoneVariance	1.47107438
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.041322314
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.434049587
wavelet-LHL	glszm	SizeZoneNonUniformity	23.87272727
wavelet-LHL	glszm	GrayLevelNonUniformity	2.272727273
wavelet-LHL	glszm	LargeAreaEmphasis	4.454545455
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	204.8125232
wavelet-LHL	glszm	ZonePercentage	0.578947368
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.083459954
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1039
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	284.6363636
wavelet-LHL	glszm	SmallAreaEmphasis	0.682790249
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.040245056
wavelet-LHL	glszm	ZoneEntropy	5.33127085
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.033627866
wavelet-LHL	ngtdm	Coarseness	0.062608228
wavelet-LHL	ngtdm	Complexity	1580.090453
wavelet-LHL	ngtdm	Strength	25.11749476
wavelet-LHL	ngtdm	Contrast	0.68051828
wavelet-LHL	ngtdm	Busyness	0.050973275
wavelet-LHH	gldm	GrayLevelVariance	15.88409972
wavelet-LHH	gldm	HighGrayLevelEmphasis	116.0947368
wavelet-LHH	gldm	DependenceEntropy	5.145811266
wavelet-LHH	gldm	DependenceNonUniformity	29.92631579
wavelet-LHH	gldm	GrayLevelNonUniformity	7.231578947
wavelet-LHH	gldm	SmallDependenceEmphasis	0.487611111
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	57.9335614
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.31501385
wavelet-LHH	gldm	LargeDependenceEmphasis	4.957894737
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.084039709
wavelet-LHH	gldm	DependenceVariance	0.999889197
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	517.0210526
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021538486
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.028632489
wavelet-LHH	glcm	JointAverage	10.16681863
wavelet-LHH	glcm	SumAverage	20.33363725
wavelet-LHH	glcm	JointEntropy	6.305763999
wavelet-LHH	glcm	ClusterShade	23.42688319
wavelet-LHH	glcm	MaximumProbability	0.03088696
wavelet-LHH	glcm	Idmn	0.929515164
wavelet-LHH	glcm	JointEnergy	0.014080946
wavelet-LHH	glcm	Contrast	34.343015
wavelet-LHH	glcm	DifferenceEntropy	3.418901803
wavelet-LHH	glcm	InverseVariance	0.21246317
wavelet-LHH	glcm	DifferenceVariance	11.91025859
wavelet-LHH	glcm	Idn	0.826213409
wavelet-LHH	glcm	Idm	0.189190444
wavelet-LHH	glcm	Correlation	-0.017633132
wavelet-LHH	glcm	Autocorrelation	103.1057256
wavelet-LHH	glcm	SumEntropy	4.171644044
wavelet-LHH	glcm	SumSquares	16.89717679
wavelet-LHH	glcm	ClusterProminence	3223.151225
wavelet-LHH	glcm	Imc2	0.973649707
wavelet-LHH	glcm	Imc1	-0.383405896

wavelet-LHH	glcm	DifferenceAverage	4.671654406
wavelet-LHH	glcm	Id	0.282371384
wavelet-LHH	glcm	ClusterTendency	33.24569218
wavelet-LHH	firstorder	InterquartileRange	153.9812396
wavelet-LHH	firstorder	Skewness	0.254275148
wavelet-LHH	firstorder	Uniformity	0.076121884
wavelet-LHH	firstorder	Median	-30.20458442
wavelet-LHH	firstorder	Energy	973393.5094
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	59.47079637
wavelet-LHH	firstorder	MeanAbsoluteDeviation	82.77595322
wavelet-LHH	firstorder	TotalEnergy	26281624.75
wavelet-LHH	firstorder	Maximum	225.5422617
wavelet-LHH	firstorder	RootMeanSquared	101.2237495
wavelet-LHH	firstorder	90Percentile	125.8918203
wavelet-LHH	firstorder	Minimum	-244.8113871
wavelet-LHH	firstorder	Entropy	3.912683196
wavelet-LHH	firstorder	Range	470.3536488
wavelet-LHH	firstorder	Variance	10083.4391
wavelet-LHH	firstorder	10Percentile	-115.7013961
wavelet-LHH	firstorder	Kurtosis	2.48239987
wavelet-LHH	firstorder	Mean	-12.75963832
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.028806951
wavelet-LHH	glrlm	GrayLevelVariance	16.11042489
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.029219014
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.075487488
wavelet-LHH	glrlm	RunVariance	0.039681135
wavelet-LHH	glrlm	GrayLevelNonUniformity	6.899196602
wavelet-LHH	glrlm	LongRunEmphasis	1.121486064
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	113.3636252
wavelet-LHH	glrlm	RunLengthNonUniformity	84.63563282
wavelet-LHH	glrlm	ShortRunEmphasis	0.970588822
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	129.3800968
wavelet-LHH	glrlm	RunPercentage	0.96194332
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.03090568
wavelet-LHH	glrlm	RunEntropy	4.074754691
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	116.4900924
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.925532216
wavelet-LHH	glszm	GrayLevelVariance	18.9630102
wavelet-LHH	glszm	ZoneVariance	1.532844388
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.069515306
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.447066327
wavelet-LHH	glszm	SizeZoneNonUniformity	25.03571429
wavelet-LHH	glszm	GrayLevelNonUniformity	3.892857143
wavelet-LHH	glszm	LargeAreaEmphasis	4.410714286
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	81.68207465
wavelet-LHH	glszm	ZonePercentage	0.589473684
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.085252859
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	479.7678571
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	118.25
wavelet-LHH	glszm	SmallAreaEmphasis	0.69125124
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.039024472
wavelet-LHH	glszm	ZoneEntropy	4.887537511
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.034712004
wavelet-LHH	ngtdm	Coarseness	0.048644256
wavelet-LHH	ngtdm	Complexity	459.8631484

wavelet-LHH	ngtdm	Strength	5.410281295
wavelet-LHH	ngtdm	Contrast	0.321975617
wavelet-LHH	ngtdm	Busyness	0.14831061
wavelet-LLH	gldm	GrayLevelVariance	130.6688089
wavelet-LLH	gldm	HighGrayLevelEmphasis	634.7894737
wavelet-LLH	gldm	DependenceEntropy	5.529918898
wavelet-LLH	gldm	DependenceNonUniformity	42.85263158
wavelet-LLH	gldm	GrayLevelNonUniformity	3.884210526
wavelet-LLH	gldm	SmallDependenceEmphasis	0.657675439
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	438.1717105
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.451080332
wavelet-LLH	gldm	LargeDependenceEmphasis	2.768421053
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021356328
wavelet-LLH	gldm	DependenceVariance	0.438781163
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1544.010526
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013205917
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.014551948
wavelet-LLH	glcm	JointAverage	21.33611093
wavelet-LLH	glcm	SumAverage	42.67222186
wavelet-LLH	glcm	JointEntropy	6.648576036
wavelet-LLH	glcm	ClusterShade	4519.499011
wavelet-LLH	glcm	MaximumProbability	0.02380308
wavelet-LLH	glcm	Idmn	0.941173617
wavelet-LLH	glcm	JointEnergy	0.010646678
wavelet-LLH	glcm	Contrast	216.821238
wavelet-LLH	glcm	DifferenceEntropy	4.225489317
wavelet-LLH	glcm	InverseVariance	0.129061728
wavelet-LLH	glcm	DifferenceVariance	96.96107105
wavelet-LLH	glcm	Idn	0.853819101
wavelet-LLH	glcm	Idm	0.111285096
wavelet-LLH	glcm	Correlation	0.110764776
wavelet-LLH	glcm	Autocorrelation	474.5910634
wavelet-LLH	glcm	SumEntropy	4.978156724
wavelet-LLH	glcm	SumSquares	127.1926791
wavelet-LLH	glcm	ClusterProminence	322801.2609
wavelet-LLH	glcm	Imc2	0.998451847
wavelet-LLH	glcm	Imc1	-0.609035305
wavelet-LLH	glcm	DifferenceAverage	10.45404294
wavelet-LLH	glcm	Id	0.192656032
wavelet-LLH	glcm	ClusterTendency	291.9494784
wavelet-LLH	firstorder	InterquartileRange	367.3141542
wavelet-LLH	firstorder	Skewness	0.822443158
wavelet-LLH	firstorder	Uniformity	0.040886427
wavelet-LLH	firstorder	Median	-126.1600335
wavelet-LLH	firstorder	Energy	7944370.577
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	148.5746417
wavelet-LLH	firstorder	MeanAbsoluteDeviation	225.7899542
wavelet-LLH	firstorder	TotalEnergy	214498005.6
wavelet-LLH	firstorder	Maximum	704.0951431
wavelet-LLH	firstorder	RootMeanSquared	289.1797943
wavelet-LLH	firstorder	90Percentile	386.2546271
wavelet-LLH	firstorder	Minimum	-597.9428074
wavelet-LLH	firstorder	Entropy	4.88768232
wavelet-LLH	firstorder	Range	1302.03795
wavelet-LLH	firstorder	Variance	80953.58066

wavelet-LLH	firstorder	10Percentile	-362.748342
wavelet-LLH	firstorder	Kurtosis	2.95728685
wavelet-LLH	firstorder	Mean	-51.68532465
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.014716587
wavelet-LLH	glrlm	GrayLevelVariance	131.5245782
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.014774981
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.04060999
wavelet-LLH	glrlm	RunVariance	0.023578674
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.780350021
wavelet-LLH	glrlm	LongRunEmphasis	1.066138341
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	628.7347958
wavelet-LLH	glrlm	RunLengthNonUniformity	89.64283927
wavelet-LLH	glrlm	ShortRunEmphasis	0.985333669
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	671.8997149
wavelet-LLH	glrlm	RunPercentage	0.979757085
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.015028244
wavelet-LLH	glrlm	RunEntropy	4.939508869
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	636.7989238
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.962654962
wavelet-LLH	glszm	GrayLevelVariance	142.6232639
wavelet-LLH	glszm	ZoneVariance	0.35628858
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037037037
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.59220679
wavelet-LLH	glszm	SizeZoneNonUniformity	42.63888889
wavelet-LLH	glszm	GrayLevelNonUniformity	2.666666667
wavelet-LLH	glszm	LargeAreaEmphasis	2.097222222
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	535.4727045
wavelet-LLH	glszm	ZonePercentage	0.757894737
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022123376
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1242.763889
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	658.2916667
wavelet-LLH	glszm	SmallAreaEmphasis	0.795621142
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017960046
wavelet-LLH	glszm	ZoneEntropy	5.457644272
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017144735
wavelet-LLH	ngtdm	Coarseness	0.044317464
wavelet-LLH	ngtdm	Complexity	4993.313009
wavelet-LLH	ngtdm	Strength	35.03879024
wavelet-LLH	ngtdm	Contrast	1.474679634
wavelet-LLH	ngtdm	Busyness	0.04198904
wavelet-LLL	gldm	GrayLevelVariance	328.0272576
wavelet-LLL	gldm	HighGrayLevelEmphasis	1742.578947
wavelet-LLL	gldm	DependenceEntropy	5.705234919
wavelet-LLL	gldm	DependenceNonUniformity	54.70526316
wavelet-LLL	gldm	GrayLevelNonUniformity	2.431578947
wavelet-LLL	gldm	SmallDependenceEmphasis	0.785964912
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1216.892982
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.575844875
wavelet-LLL	gldm	LargeDependenceEmphasis	2.136842105
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.036839845
wavelet-LLL	gldm	DependenceVariance	0.349695291
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	4743.147368
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016225769
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.020330894
wavelet-LLL	glcm	JointAverage	42.92614378

wavelet-LLL	glcm	SumAverage	85.85228757
wavelet-LLL	glcm	JointEntropy	6.807028451
wavelet-LLL	glcm	ClusterShade	-6059.396049
wavelet-LLL	glcm	MaximumProbability	0.015913811
wavelet-LLL	glcm	Idmn	0.916931847
wavelet-LLL	glcm	JointEnergy	0.009137405
wavelet-LLL	glcm	Contrast	512.8216223
wavelet-LLL	glcm	DifferenceEntropy	4.804722237
wavelet-LLL	glcm	InverseVariance	0.061457268
wavelet-LLL	glcm	DifferenceVariance	175.9705101
wavelet-LLL	glcm	Idn	0.812874831
wavelet-LLL	glcm	Idm	0.06035137
wavelet-LLL	glcm	Correlation	0.207238649
wavelet-LLL	glcm	Autocorrelation	1906.905639
wavelet-LLL	glcm	SumEntropy	5.38229433
wavelet-LLL	glcm	SumSquares	319.7828506
wavelet-LLL	glcm	ClusterProminence	1453130.727
wavelet-LLL	glcm	Imc2	0.999798702
wavelet-LLL	glcm	Imc1	-0.732720904
wavelet-LLL	glcm	DifferenceAverage	18.05519999
wavelet-LLL	glcm	Id	0.123013192
wavelet-LLL	glcm	ClusterTendency	766.3097801
wavelet-LLL	firstorder	InterquartileRange	724.2337086
wavelet-LLL	firstorder	Skewness	-0.061446683
wavelet-LLL	firstorder	Uniformity	0.025595568
wavelet-LLL	firstorder	Median	-494.1103894
wavelet-LLL	firstorder	Energy	40519257.64
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	281.257463
wavelet-LLL	firstorder	MeanAbsoluteDeviation	374.9783934
wavelet-LLL	firstorder	TotalEnergy	1094019956
wavelet-LLL	firstorder	Maximum	330.2639396
wavelet-LLL	firstorder	RootMeanSquared	653.0838396
wavelet-LLL	firstorder	90Percentile	162.7947216
wavelet-LLL	firstorder	Minimum	-1379.789371
wavelet-LLL	firstorder	Entropy	5.470870051
wavelet-LLL	firstorder	Range	1710.05331
wavelet-LLL	firstorder	Variance	203955.7542
wavelet-LLL	firstorder	10Percentile	-1042.58789
wavelet-LLL	firstorder	Kurtosis	2.096351374
wavelet-LLL	firstorder	Mean	-471.7655639
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.020225976
wavelet-LLL	glrlm	GrayLevelVariance	326.4724471
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.020386104
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025552259
wavelet-LLL	glrlm	RunVariance	0.012949429
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.396012927
wavelet-LLL	glrlm	LongRunEmphasis	1.039651159
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1706.105433
wavelet-LLL	glrlm	RunLengthNonUniformity	91.35739394
wavelet-LLL	glrlm	ShortRunEmphasis	0.99008721
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1833.616732
wavelet-LLL	glrlm	RunPercentage	0.987044534
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.021026618
wavelet-LLL	glrlm	RunEntropy	5.496311517
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1731.607693

wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.974101143
wavelet-LLL	glszm	GrayLevelVariance	304.9239445
wavelet-LLL	glszm	ZoneVariance	0.192348727
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.025148605
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.74150282
wavelet-LLL	glszm	SizeZoneNonUniformity	60.0617284
wavelet-LLL	glszm	GrayLevelNonUniformity	2.037037037
wavelet-LLL	glszm	LargeAreaEmphasis	1.567901235
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1342.012689
wavelet-LLL	glszm	ZonePercentage	0.852631579
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.030283432
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3058.876543
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1615.185185
wavelet-LLL	glszm	SmallAreaEmphasis	0.885459534
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.020633378
wavelet-LLL	glszm	ZoneEntropy	5.690106911
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01822951
wavelet-LLL	ngtdm	Coarseness	0.035630797
wavelet-LLL	ngtdm	Complexity	16948.68162
wavelet-LLL	ngtdm	Strength	58.98653051
wavelet-LLL	ngtdm	Contrast	3.26454452
wavelet-LLL	ngtdm	Busyness	0.018102664
wavelet-HHL	gldm	GrayLevelVariance	14.33196676
wavelet-HHL	gldm	HighGrayLevelEmphasis	127.8105263
wavelet-HHL	gldm	DependenceEntropy	4.944554261
wavelet-HHL	gldm	DependenceNonUniformity	25.50526316
wavelet-HHL	gldm	GrayLevelNonUniformity	7.8
wavelet-HHL	gldm	SmallDependenceEmphasis	0.421327485
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	57.0047193
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.268476454
wavelet-HHL	gldm	LargeDependenceEmphasis	6.073684211
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.086540377
wavelet-HHL	gldm	DependenceVariance	1.140609418
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	695.9157895
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019296397
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.026324141
wavelet-HHL	glcm	JointAverage	10.59578341
wavelet-HHL	glcm	SumAverage	21.19156683
wavelet-HHL	glcm	JointEntropy	6.24395002
wavelet-HHL	glcm	ClusterShade	-17.18030064
wavelet-HHL	glcm	MaximumProbability	0.033934649
wavelet-HHL	glcm	Idmn	0.928195548
wavelet-HHL	glcm	JointEnergy	0.015083645
wavelet-HHL	glcm	Contrast	28.77520018
wavelet-HHL	glcm	DifferenceEntropy	3.321371233
wavelet-HHL	glcm	InverseVariance	0.224471416
wavelet-HHL	glcm	DifferenceVariance	10.47344476
wavelet-HHL	glcm	Idn	0.825928534
wavelet-HHL	glcm	Idm	0.210763128
wavelet-HHL	glcm	Correlation	0.002084219
wavelet-HHL	glcm	Autocorrelation	112.3195293
wavelet-HHL	glcm	SumEntropy	4.056817592
wavelet-HHL	glcm	SumSquares	14.40752748
wavelet-HHL	glcm	ClusterProminence	2418.504439
wavelet-HHL	glcm	Imc2	0.965483469

wavelet-HHL	glcm	Imc1	-0.36107487
wavelet-HHL	glcm	DifferenceAverage	4.234077606
wavelet-HHL	glcm	Id	0.303718143
wavelet-HHL	glcm	ClusterTendency	28.85490974
wavelet-HHL	firstorder	InterquartileRange	126.3311624
wavelet-HHL	firstorder	Skewness	-0.149140227
wavelet-HHL	firstorder	Uniformity	0.082105263
wavelet-HHL	firstorder	Median	1.156865956
wavelet-HHL	firstorder	Energy	854058.9611
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.21779281
wavelet-HHL	firstorder	MeanAbsoluteDeviation	75.25102796
wavelet-HHL	firstorder	TotalEnergy	23059591.95
wavelet-HHL	firstorder	Maximum	198.344386
wavelet-HHL	firstorder	RootMeanSquared	94.81610795
wavelet-HHL	firstorder	90Percentile	127.8880765
wavelet-HHL	firstorder	Minimum	-233.8254609
wavelet-HHL	firstorder	Entropy	3.817266265
wavelet-HHL	firstorder	Range	432.1698469
wavelet-HHL	firstorder	Variance	8973.819306
wavelet-HHL	firstorder	10Percentile	-133.1417274
wavelet-HHL	firstorder	Kurtosis	2.521654721
wavelet-HHL	firstorder	Mean	4.034231209
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.026580572
wavelet-HHL	glrlm	GrayLevelVariance	14.69564681
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.027038199
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.080607946
wavelet-HHL	glrlm	RunVariance	0.046616469
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.298695284
wavelet-HHL	glrlm	LongRunEmphasis	1.150914004
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	124.0923369
wavelet-HHL	glrlm	RunLengthNonUniformity	82.2501946
wavelet-HHL	glrlm	ShortRunEmphasis	0.962271499
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	145.8373129
wavelet-HHL	glrlm	RunPercentage	0.953036437
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.028868705
wavelet-HHL	glrlm	RunEntropy	4.023037858
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	128.4413321
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.906767062
wavelet-HHL	glszm	GrayLevelVariance	20.20761246
wavelet-HHL	glszm	ZoneVariance	2.000768935
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.068819685
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.39100346
wavelet-HHL	glszm	SizeZoneNonUniformity	19.94117647
wavelet-HHL	glszm	GrayLevelNonUniformity	3.509803922
wavelet-HHL	glszm	LargeAreaEmphasis	5.470588235
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	87.74066449
wavelet-HHL	glszm	ZonePercentage	0.536842105
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.08965287
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	638.6666667
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	134.8235294
wavelet-HHL	glszm	SmallAreaEmphasis	0.642430556
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.038764663
wavelet-HHL	glszm	ZoneEntropy	4.76331695
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.034301466
wavelet-HHL	ngtdm	Coarseness	0.061074543

wavelet-HHL	ngtdm	Complexity	318.547634
wavelet-HHL	ngtdm	Strength	4.812786682
wavelet-HHL	ngtdm	Contrast	0.319683213
wavelet-HHL	ngtdm	Busyness	0.112130639
wavelet-HLH	gldm	GrayLevelVariance	32.16554017
wavelet-HLH	gldm	HighGrayLevelEmphasis	317.2421053
wavelet-HLH	gldm	DependenceEntropy	5.420818603
wavelet-HLH	gldm	DependenceNonUniformity	26.74736842
wavelet-HLH	gldm	GrayLevelNonUniformity	6.410526316
wavelet-HLH	gldm	SmallDependenceEmphasis	0.46725731
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	147.7606433
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.281551247
wavelet-HLH	gldm	LargeDependenceEmphasis	6.515789474
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041189321
wavelet-HLH	gldm	DependenceVariance	1.675789474
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1943.326316
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018470127
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.020492376
wavelet-HLH	glcm	JointAverage	16.76086583
wavelet-HLH	glcm	SumAverage	33.52173167
wavelet-HLH	glcm	JointEntropy	6.373069475
wavelet-HLH	glcm	ClusterShade	-8.159122038
wavelet-HLH	glcm	MaximumProbability	0.034074357
wavelet-HLH	glcm	Idmn	0.945700545
wavelet-HLH	glcm	JointEnergy	0.013698799
wavelet-HLH	glcm	Contrast	64.9568799
wavelet-HLH	glcm	DifferenceEntropy	3.71529217
wavelet-HLH	glcm	InverseVariance	0.166146189
wavelet-HLH	glcm	DifferenceVariance	28.09217944
wavelet-HLH	glcm	Idn	0.854273292
wavelet-HLH	glcm	Idm	0.176442715
wavelet-HLH	glcm	Correlation	-0.035109986
wavelet-HLH	glcm	Autocorrelation	279.6289057
wavelet-HLH	glcm	SumEntropy	4.363769334
wavelet-HLH	glcm	SumSquares	31.10498651
wavelet-HLH	glcm	ClusterProminence	14576.81822
wavelet-HLH	glcm	Imc2	0.990111548
wavelet-HLH	glcm	Imc1	-0.473432258
wavelet-HLH	glcm	DifferenceAverage	5.96244728
wavelet-HLH	glcm	Id	0.267501839
wavelet-HLH	glcm	ClusterTendency	59.46306614
wavelet-HLH	firstorder	InterquartileRange	149.2059442
wavelet-HLH	firstorder	Skewness	-0.211776789
wavelet-HLH	firstorder	Uniformity	0.067479224
wavelet-HLH	firstorder	Median	6.070547202
wavelet-HLH	firstorder	Energy	1915915.901
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	67.21251695
wavelet-HLH	firstorder	MeanAbsoluteDeviation	106.5328934
wavelet-HLH	firstorder	TotalEnergy	51729729.34
wavelet-HLH	firstorder	Maximum	372.010974
wavelet-HLH	firstorder	RootMeanSquared	142.0124495
wavelet-HLH	firstorder	90Percentile	208.193251
wavelet-HLH	firstorder	Minimum	-383.1037724
wavelet-HLH	firstorder	Entropy	4.206169044
wavelet-HLH	firstorder	Range	755.1147464



wavelet-HLH	firstorder	Variance	20074.09718
wavelet-HLH	firstorder	10Percentile	-130.6088456
wavelet-HLH	firstorder	Kurtosis	3.66073456
wavelet-HLH	firstorder	Mean	9.666365707
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.021183261
wavelet-HLH	glrlm	GrayLevelVariance	33.22692625
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.021321928
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.066051069
wavelet-HLH	glrlm	RunVariance	0.047453948
wavelet-HLH	glrlm	GrayLevelNonUniformity	5.989584488
wavelet-HLH	glrlm	LongRunEmphasis	1.150572172
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	306.8619897
wavelet-HLH	glrlm	RunLengthNonUniformity	82.63823184
wavelet-HLH	glrlm	ShortRunEmphasis	0.963306625
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	363.504153
wavelet-HLH	glrlm	RunPercentage	0.953846154
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.021889739
wavelet-HLH	glrlm	RunEntropy	4.383445976
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	317.9708592
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.909992389
wavelet-HLH	glszm	GrayLevelVariance	45.3368595
wavelet-HLH	glszm	ZoneVariance	1.907438017
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.053884298
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.451900826
wavelet-HLH	glszm	SizeZoneNonUniformity	24.85454545
wavelet-HLH	glszm	GrayLevelNonUniformity	2.963636364
wavelet-HLH	glszm	LargeAreaEmphasis	4.890909091
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	216.4947285
wavelet-HLH	glszm	ZonePercentage	0.578947368
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.04695716
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1502.872727
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	319.6909091
wavelet-HLH	glszm	SmallAreaEmphasis	0.690309343
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.032654604
wavelet-HLH	glszm	ZoneEntropy	5.217367895
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.031464005
wavelet-HLH	ngtdm	Coarseness	0.053093808
wavelet-HLH	ngtdm	Complexity	1130.196895
wavelet-HLH	ngtdm	Strength	11.80024753
wavelet-HLH	ngtdm	Contrast	0.477864481
wavelet-HLH	ngtdm	Busyness	0.047734656

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	43f5328648bbe53400187dbe142d21bc7eb50bbe
general	info	ImageHash	(0.9765625000000002, 0.9765625000000002,
general	info	ImageSpacing	2.0)
general	info	MaskHash	4e8a2cc08813748e7dc4b193fdeb6dde80750cf0
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	82
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original	shape	MinorAxis	16.11012122
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original	shape	SurfaceVolumeRatio	0.451835405
original	shape	Volume	2214
original	shape	MajorAxis	21.28652871
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original	shape	Flatness	0.452701578
original	shape	LeastAxis	9.636445133
original	shape	Maximum2DDiameterColumn	17.49285568
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original	gldm	GrayLevelVariance	139.8631767
original	gldm	HighGrayLevelEmphasis	987.9512195
original	gldm	DependenceEntropy	5.360302767
original	gldm	DependenceNonUniformity	32.7804878
original	gldm	GrayLevelNonUniformity	4.292682927
original	gldm	SmallDependenceEmphasis	0.651372591
original	gldm	SmallDependenceHighGrayLevelEmphasis	496.0082457
original	gldm	DependenceNonUniformityNormalized	0.399762046
original	gldm	LargeDependenceEmphasis	6.292682927
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.045038917
original	gldm	DependenceVariance	2.485425342
original	gldm	LargeDependenceHighGrayLevelEmphasis	8849.609756
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.041078742
original	gldm	LowGrayLevelEmphasis	0.041354771
original	glcm	JointAverage	31.91233219
original	glcm	SumAverage	63.82466437

original	glcm	JointEntropy	6.109681585
original	glcm	ClusterShade	-3317.728619
original	glcm	MaximumProbability	0.049025054
original	glcm	Idmn	0.919291678
original	glcm	JointEnergy	0.016810128
original	glcm	Contrast	219.6122262
original	glcm	DifferenceEntropy	4.150284857
original	glcm	InverseVariance	0.145959214
original	glcm	DifferenceVariance	102.8358708
original	glcm	Idn	0.832056325
original	glcm	Idm	0.152362098
original	glcm	Correlation	0.01702537
original	glcm	Autocorrelation	1020.747462
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original	glcm	SumSquares	111.5926589
original	glcm	ClusterProminence	174999.1919
original	glcm	Imc2	0.995304482
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original	glcm	DifferenceAverage	10.70145984
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original	glcm	ClusterTendency	226.7584094
original	firstorder	InterquartileRange	376
original	firstorder	Skewness	-0.993128831
original	firstorder	Uniformity	0.052349792
original	firstorder	Median	-103
original	firstorder	Energy	9958496
original	firstorder	RobustMeanAbsoluteDeviation	164.5942383
original	firstorder	MeanAbsoluteDeviation	238.497323
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original	firstorder	Maximum	218
original	firstorder	RootMeanSquared	348.4897031
original	firstorder	90Percentile	95.9
original	firstorder	Minimum	-900
original	firstorder	Entropy	4.599282913
original	firstorder	Range	1118
original	firstorder	Variance	87057.4414
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original	firstorder	Kurtosis	2.88788282
original	firstorder	Mean	-185.4390244
original	glrlm	ShortRunLowGrayLevelEmphasis	0.042893405
original	glrlm	GrayLevelVariance	141.5259858
original	glrlm	LowGrayLevelRunEmphasis	0.04291344
original	glrlm	GrayLevelNonUniformityNormalized	0.04890289
original	glrlm	RunVariance	0.040480389
original	glrlm	GrayLevelNonUniformity	3.865226988
original	glrlm	LongRunEmphasis	1.119084745
original	glrlm	ShortRunHighGrayLevelEmphasis	929.4948459
original	glrlm	RunLengthNonUniformity	73.55105747
original	glrlm	ShortRunEmphasis	0.97244919
original	glrlm	LongRunHighGrayLevelEmphasis	1143.970632
original	glrlm	RunPercentage	0.963414634
original	glrlm	LongRunLowGrayLevelEmphasis	0.042999571
original	glrlm	RunEntropy	4.744641639
original	glrlm	HighGrayLevelRunEmphasis	969.7557482
original	glrlm	RunLengthNonUniformityNormalized	0.930402143

original	glszm	GrayLevelVariance	147.4806778
original	glszm	ZoneVariance	2.380499405
original	glszm	GrayLevelNonUniformityNormalized	0.040428062
original	glszm	SizeZoneNonUniformityNormalized	0.700356718
original	glszm	SizeZoneNonUniformity	40.62068966
original	glszm	GrayLevelNonUniformity	2.344827586
original	glszm	LargeAreaEmphasis	4.379310345
original	glszm	SmallAreaHighGrayLevelEmphasis	617.3934914
original	glszm	ZonePercentage	0.707317073
original	glszm	LargeAreaLowGrayLevelEmphasis	0.060509038
original	glszm	LargeAreaHighGrayLevelEmphasis	5828.482759
original	glszm	HighGrayLevelZoneEmphasis	803.0172414
original	glszm	SmallAreaEmphasis	0.860483716
original	glszm	LowGrayLevelZoneEmphasis	0.058150985
original	glszm	ZoneEntropy	5.034283797
original	glszm	SmallAreaLowGrayLevelEmphasis	0.058026499
original	ngtdm	Coarseness	0.032091599
original	ngtdm	Complexity	4680.535735
original	ngtdm	Strength	26.62872116
original	ngtdm	Contrast	2.895869123
original	ngtdm	Busyness	0.034709653
wavelet-HHH	gldm	GrayLevelVariance	71.2797442
wavelet-HHH	gldm	HighGrayLevelEmphasis	548.3292683
wavelet-HHH	gldm	DependenceEntropy	5.359084895
wavelet-HHH	gldm	DependenceNonUniformity	42.7804878
wavelet-HHH	gldm	GrayLevelNonUniformity	3.463414634
wavelet-HHH	gldm	SmallDependenceEmphasis	0.737127371
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	411.5257453
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.521713266
wavelet-HHH	gldm	LargeDependenceEmphasis	2.268292683
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021074762
wavelet-HHH	gldm	DependenceVariance	0.335514575
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1231.695122
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017243424
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.017939406
wavelet-HHH	glcm	JointAverage	21.52487059
wavelet-HHH	glcm	SumAverage	43.04974118
wavelet-HHH	glcm	JointEntropy	6.336000438
wavelet-HHH	glcm	ClusterShade	-315.409612
wavelet-HHH	glcm	MaximumProbability	0.023950406
wavelet-HHH	glcm	Idmn	0.926541085
wavelet-HHH	glcm	JointEnergy	0.013106001
wavelet-HHH	glcm	Contrast	155.9028428
wavelet-HHH	glcm	DifferenceEntropy	4.049893505
wavelet-HHH	glcm	InverseVariance	0.112627747
wavelet-HHH	glcm	DifferenceVariance	53.44899474
wavelet-HHH	glcm	Idn	0.825351046
wavelet-HHH	glcm	Idm	0.095614051
wavelet-HHH	glcm	Correlation	-0.044055836
wavelet-HHH	glcm	Autocorrelation	460.3426728
wavelet-HHH	glcm	SumEntropy	4.586063246
wavelet-HHH	glcm	SumSquares	74.92068375
wavelet-HHH	glcm	ClusterProminence	66202.06301
wavelet-HHH	glcm	Imc2	0.998893585
wavelet-HHH	glcm	Imc1	-0.653951836

wavelet-HHH	glcm	DifferenceAverage	9.73846662
wavelet-HHH	glcm	Id	0.178880107
wavelet-HHH	glcm	ClusterTendency	143.7798921
wavelet-HHH	firstorder	InterquartileRange	274.9316117
wavelet-HHH	firstorder	Skewness	-0.411186153
wavelet-HHH	firstorder	Uniformity	0.042236764
wavelet-HHH	firstorder	Median	46.4578475
wavelet-HHH	firstorder	Energy	3657701.346
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	115.3883277
wavelet-HHH	firstorder	MeanAbsoluteDeviation	169.4337064
wavelet-HHH	firstorder	TotalEnergy	98757936.35
wavelet-HHH	firstorder	Maximum	495.248106
wavelet-HHH	firstorder	RootMeanSquared	211.2015956
wavelet-HHH	firstorder	90Percentile	245.0479384
wavelet-HHH	firstorder	Minimum	-514.6882769
wavelet-HHH	firstorder	Entropy	4.797632456
wavelet-HHH	firstorder	Range	1009.936383
wavelet-HHH	firstorder	Variance	44554.81001
wavelet-HHH	firstorder	10Percentile	-287.2281834
wavelet-HHH	firstorder	Kurtosis	2.720837716
wavelet-HHH	firstorder	Mean	7.162679161
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.018149116
wavelet-HHH	glrlm	GrayLevelVariance	71.98611308
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.018177859
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.042007417
wavelet-HHH	glrlm	RunVariance	0.016914585
wavelet-HHH	glrlm	GrayLevelNonUniformity	3.393192345
wavelet-HHH	glrlm	LongRunEmphasis	1.048375486
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	542.8839005
wavelet-HHH	glrlm	RunLengthNonUniformity	78.53362912
wavelet-HHH	glrlm	ShortRunEmphasis	0.988974505
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	574.7804591
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.018298282
wavelet-HHH	glrlm	RunEntropy	4.843261397
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	548.5931267
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.971867946
wavelet-HHH	glszm	GrayLevelVariance	81.18823791
wavelet-HHH	glszm	ZoneVariance	0.233459568
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.038984184
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wavelet-HHH	glszm	SizeZoneNonUniformity	45.3880597
wavelet-HHH	glszm	GrayLevelNonUniformity	2.611940299
wavelet-HHH	glszm	LargeAreaEmphasis	1.731343284
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	476.4718076
wavelet-HHH	glszm	ZonePercentage	0.817073171
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.02320835
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	948.2835821
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	552.7910448
wavelet-HHH	glszm	SmallAreaEmphasis	0.850331675
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.021374311
wavelet-HHH	glszm	ZoneEntropy	5.30311284
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020965745
wavelet-HHH	ngtdm	Coarseness	0.051558068
wavelet-HHH	ngtdm	Complexity	3289.544533

wavelet-HHH	ngtdm	Strength	21.40343616
wavelet-HHH	ngtdm	Contrast	0.917825261
wavelet-HHH	ngtdm	Busyness	0.027392094
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wavelet-HLL	gldm	HighGrayLevelEmphasis	1053.268293
wavelet-HLL	gldm	DependenceEntropy	5.4182892
wavelet-HLL	gldm	DependenceNonUniformity	40.70731707
wavelet-HLL	gldm	GrayLevelNonUniformity	3.097560976
wavelet-HLL	gldm	SmallDependenceEmphasis	0.725718157
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	779.2246883
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.496430696
wavelet-HLL	gldm	LargeDependenceEmphasis	3.756097561
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017873303
wavelet-HLL	gldm	DependenceVariance	1.242712671
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3332.707317
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013452352
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.013865226
wavelet-HLL	glcm	JointAverage	30.0403241
wavelet-HLL	glcm	SumAverage	60.08064819
wavelet-HLL	glcm	JointEntropy	6.331182113
wavelet-HLL	glcm	ClusterShade	1836.30156
wavelet-HLL	glcm	MaximumProbability	0.029642223
wavelet-HLL	glcm	Idmn	0.937501772
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wavelet-HLL	glcm	Contrast	221.116243
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wavelet-HLL	glcm	InverseVariance	0.085338831
wavelet-HLL	glcm	DifferenceVariance	75.04044772
wavelet-HLL	glcm	Idn	0.838239755
wavelet-HLL	glcm	Idm	0.093436529
wavelet-HLL	glcm	Correlation	0.099564346
wavelet-HLL	glcm	Autocorrelation	914.308675
wavelet-HLL	glcm	SumEntropy	4.806369256
wavelet-HLL	glcm	SumSquares	122.0171718
wavelet-HLL	glcm	ClusterProminence	219077.4752
wavelet-HLL	glcm	Imc2	0.999108976
wavelet-HLL	glcm	Imc1	-0.67088723
wavelet-HLL	glcm	DifferenceAverage	11.60329141
wavelet-HLL	glcm	Id	0.170174891
wavelet-HLL	glcm	ClusterTendency	266.9524442
wavelet-HLL	firstorder	InterquartileRange	395.748088
wavelet-HLL	firstorder	Skewness	0.178073902
wavelet-HLL	firstorder	Uniformity	0.037775134
wavelet-HLL	firstorder	Median	-219.7321646
wavelet-HLL	firstorder	Energy	8698488.082
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	168.5055791
wavelet-HLL	firstorder	MeanAbsoluteDeviation	237.0383542
wavelet-HLL	firstorder	TotalEnergy	234859178.2
wavelet-HLL	firstorder	Maximum	442.3890018
wavelet-HLL	firstorder	RootMeanSquared	325.6979014
wavelet-HLL	firstorder	90Percentile	255.611303
wavelet-HLL	firstorder	Minimum	-883.3076153
wavelet-HLL	firstorder	Entropy	4.949015957
wavelet-HLL	firstorder	Range	1325.696617
wavelet-HLL	firstorder	Variance	82656.47506

wavelet-HLL	firstorder	10Percentile	-506.3369168
wavelet-HLL	firstorder	Kurtosis	2.486336618
wavelet-HLL	firstorder	Mean	-153.0445944
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.014129147
wavelet-HLL	glrlm	GrayLevelVariance	132.4498799
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.014153489
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.03682845
wavelet-HLL	glrlm	RunVariance	0.024478774
wavelet-HLL	glrlm	GrayLevelNonUniformity	2.952594633
wavelet-HLL	glrlm	LongRunEmphasis	1.071831731
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1041.769282
wavelet-HLL	glrlm	RunLengthNonUniformity	76.7166781
wavelet-HLL	glrlm	ShortRunEmphasis	0.983152068
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1120.02663
wavelet-HLL	glrlm	RunPercentage	0.977485929
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.014261956
wavelet-HLL	glrlm	RunEntropy	5.018331748
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1057.065551
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.956725082
wavelet-HLL	glszm	GrayLevelVariance	138.6546746
wavelet-HLL	glszm	ZoneVariance	0.562366864
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032426036
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.706508876
wavelet-HLL	glszm	SizeZoneNonUniformity	45.92307692
wavelet-HLL	glszm	GrayLevelNonUniformity	2.107692308
wavelet-HLL	glszm	LargeAreaEmphasis	2.153846154
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	931.6491453
wavelet-HLL	glszm	ZonePercentage	0.792682927
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018841784
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2082.984615
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1078.784615
wavelet-HLL	glszm	SmallAreaEmphasis	0.865384615
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01709259
wavelet-HLL	glszm	ZoneEntropy	5.279834544
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016891844
wavelet-HLL	ngtdm	Coarseness	0.048963101
wavelet-HLL	ngtdm	Complexity	4871.15885
wavelet-HLL	ngtdm	Strength	32.5628092
wavelet-HLL	ngtdm	Contrast	1.678164219
wavelet-HLL	ngtdm	Busyness	0.028423804
wavelet-LHL	gldm	GrayLevelVariance	172.9208804
wavelet-LHL	gldm	HighGrayLevelEmphasis	1513.195122
wavelet-LHL	gldm	DependenceEntropy	5.433473498
wavelet-LHL	gldm	DependenceNonUniformity	45.63414634
wavelet-LHL	gldm	GrayLevelNonUniformity	2.804878049
wavelet-LHL	gldm	SmallDependenceEmphasis	0.766260163
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1188.554878
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.55651398
wavelet-LHL	gldm	LargeDependenceEmphasis	2.097560976
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014373849
wavelet-LHL	gldm	DependenceVariance	0.298036883
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2988.829268
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.013053671
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013287844
wavelet-LHL	glcm	JointAverage	35.80999475

wavelet-LHL	glcm	SumAverage	71.6199895
wavelet-LHL	glcm	JointEntropy	6.379970533
wavelet-LHL	glcm	ClusterShade	2745.5862
wavelet-LHL	glcm	MaximumProbability	0.023885947
wavelet-LHL	glcm	Idmn	0.948427339
wavelet-LHL	glcm	JointEnergy	0.012603716
wavelet-LHL	glcm	Contrast	262.9980702
wavelet-LHL	glcm	DifferenceEntropy	4.267824759
wavelet-LHL	glcm	InverseVariance	0.086522274
wavelet-LHL	glcm	DifferenceVariance	88.49239922
wavelet-LHL	glcm	Idn	0.852370648
wavelet-LHL	glcm	Idm	0.081299395
wavelet-LHL	glcm	Correlation	0.219381641
wavelet-LHL	glcm	Autocorrelation	1319.687983
wavelet-LHL	glcm	SumEntropy	4.904437077
wavelet-LHL	glcm	SumSquares	168.6428186
wavelet-LHL	glcm	ClusterProminence	411997.5069
wavelet-LHL	glcm	Imc2	0.999521994
wavelet-LHL	glcm	Imc1	-0.70896616
wavelet-LHL	glcm	DifferenceAverage	12.62455831
wavelet-LHL	glcm	Id	0.156595936
wavelet-LHL	glcm	ClusterTendency	411.5732042
wavelet-LHL	firstorder	InterquartileRange	521.5826466
wavelet-LHL	firstorder	Skewness	0.019682577
wavelet-LHL	firstorder	Uniformity	0.03420583
wavelet-LHL	firstorder	Median	-136.2731692
wavelet-LHL	firstorder	Energy	9587495.118
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	205.091028
wavelet-LHL	firstorder	MeanAbsoluteDeviation	275.526833
wavelet-LHL	firstorder	TotalEnergy	258862368.2
wavelet-LHL	firstorder	Maximum	648.2343175
wavelet-LHL	firstorder	RootMeanSquared	341.9366494
wavelet-LHL	firstorder	90Percentile	329.6683694
wavelet-LHL	firstorder	Minimum	-984.6015525
wavelet-LHL	firstorder	Entropy	5.084337029
wavelet-LHL	firstorder	Range	1632.83587
wavelet-LHL	firstorder	Variance	107478.3732
wavelet-LHL	firstorder	10Percentile	-484.540018
wavelet-LHL	firstorder	Kurtosis	2.424527452
wavelet-LHL	firstorder	Mean	-97.17149256
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013442789
wavelet-LHL	glrlm	GrayLevelVariance	173.7665681
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.013452779
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.034082632
wavelet-LHL	glrlm	RunVariance	0.013125804
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.758169172
wavelet-LHL	glrlm	LongRunEmphasis	1.04024487
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1501.465413
wavelet-LHL	glrlm	RunLengthNonUniformity	78.81543751
wavelet-LHL	glrlm	ShortRunEmphasis	0.989938783
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1570.099318
wavelet-LHL	glrlm	RunPercentage	0.986866792
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.013492741
wavelet-LHL	glrlm	RunEntropy	5.116607266
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1515.192194



wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.973748392
wavelet-LHL	glszm	GrayLevelVariance	183.5530351
wavelet-LHL	glszm	ZoneVariance	0.18189456
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.032136106
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.708044528
wavelet-LHL	glszm	SizeZoneNonUniformity	48.85507246
wavelet-LHL	glszm	GrayLevelNonUniformity	2.217391304
wavelet-LHL	glszm	LargeAreaEmphasis	1.594202899
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1351.692029
wavelet-LHL	glszm	ZonePercentage	0.841463415
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.016194939
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2351.275362
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1537.57971
wavelet-LHL	glszm	SmallAreaEmphasis	0.867552335
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015602865
wavelet-LHL	glszm	ZoneEntropy	5.427081703
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015469634
wavelet-LHL	ngtdm	Coarseness	0.049075834
wavelet-LHL	ngtdm	Complexity	6636.617987
wavelet-LHL	ngtdm	Strength	47.4444153
wavelet-LHL	ngtdm	Contrast	1.881296141
wavelet-LHL	ngtdm	Busyness	0.019637122
wavelet-LHH	gldm	GrayLevelVariance	42.30755503
wavelet-LHH	gldm	HighGrayLevelEmphasis	487.4146341
wavelet-LHH	gldm	DependenceEntropy	5.216712065
wavelet-LHH	gldm	DependenceNonUniformity	37.6097561
wavelet-LHH	gldm	GrayLevelNonUniformity	4.780487805
wavelet-LHH	gldm	SmallDependenceEmphasis	0.690379404
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	342.0846883
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.458655562
wavelet-LHH	gldm	LargeDependenceEmphasis	2.780487805
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.019454285
wavelet-LHH	gldm	DependenceVariance	0.493753718
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1322.609756
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014334104
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.015104316
wavelet-LHH	glcm	JointAverage	21.24794086
wavelet-LHH	glcm	SumAverage	42.49588172
wavelet-LHH	glcm	JointEntropy	6.241342217
wavelet-LHH	glcm	ClusterShade	34.13819345
wavelet-LHH	glcm	MaximumProbability	0.026106978
wavelet-LHH	glcm	Idmn	0.946526029
wavelet-LHH	glcm	JointEnergy	0.014144745
wavelet-LHH	glcm	Contrast	80.11755538
wavelet-LHH	glcm	DifferenceEntropy	3.854157433
wavelet-LHH	glcm	InverseVariance	0.122601371
wavelet-LHH	glcm	DifferenceVariance	25.70207635
wavelet-LHH	glcm	Idn	0.843007113
wavelet-LHH	glcm	Idm	0.113324676
wavelet-LHH	glcm	Correlation	-0.002987626
wavelet-LHH	glcm	Autocorrelation	451.5888672
wavelet-LHH	glcm	SumEntropy	4.496972874
wavelet-LHH	glcm	SumSquares	40.09217258
wavelet-LHH	glcm	ClusterProminence	19433.11391
wavelet-LHH	glcm	Imc2	0.994961736

wavelet-LHH	glcm	Imc1	-0.547075117
wavelet-LHH	glcm	DifferenceAverage	7.28251592
wavelet-LHH	glcm	Id	0.204637828
wavelet-LHH	glcm	ClusterTendency	80.25113493
wavelet-LHH	firstorder	InterquartileRange	214.6507607
wavelet-LHH	firstorder	Skewness	0.00316424
wavelet-LHH	firstorder	Uniformity	0.058298632
wavelet-LHH	firstorder	Median	-10.92218525
wavelet-LHH	firstorder	Energy	2166108.758
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	88.97162262
wavelet-LHH	firstorder	MeanAbsoluteDeviation	129.7841374
wavelet-LHH	firstorder	TotalEnergy	58484936.46
wavelet-LHH	firstorder	Maximum	374.0105055
wavelet-LHH	firstorder	RootMeanSquared	162.5298756
wavelet-LHH	firstorder	90Percentile	206.634986
wavelet-LHH	firstorder	Minimum	-510.7068016
wavelet-LHH	firstorder	Entropy	4.3720642
wavelet-LHH	firstorder	Range	884.7173071
wavelet-LHH	firstorder	Variance	26335.46823
wavelet-LHH	firstorder	10Percentile	-186.0547208
wavelet-LHH	firstorder	Kurtosis	3.215662007
wavelet-LHH	firstorder	Mean	-8.971746116
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.015323396
wavelet-LHH	glrlm	GrayLevelVariance	42.8346077
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.015360783
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.057627798
wavelet-LHH	glrlm	RunVariance	0.019679451
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.633005923
wavelet-LHH	glrlm	LongRunEmphasis	1.060839873
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	480.6429789
wavelet-LHH	glrlm	RunLengthNonUniformity	77.24899
wavelet-LHH	glrlm	ShortRunEmphasis	0.984790032
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	516.335272
wavelet-LHH	glrlm	RunPercentage	0.980300188
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.015510328
wavelet-LHH	glrlm	RunEntropy	4.456248234
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	487.7814375
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.960641098
wavelet-LHH	glszm	GrayLevelVariance	50.62877211
wavelet-LHH	glszm	ZoneVariance	0.605619147
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048907388
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.665972945
wavelet-LHH	glszm	SizeZoneNonUniformity	41.29032258
wavelet-LHH	glszm	GrayLevelNonUniformity	3.032258065
wavelet-LHH	glszm	LargeAreaEmphasis	2.35483871
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	418.2104659
wavelet-LHH	glszm	ZonePercentage	0.756097561
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.02232993
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1155.225806
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	490.9516129
wavelet-LHH	glszm	SmallAreaEmphasis	0.841706989
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.019193482
wavelet-LHH	glszm	ZoneEntropy	5.082597923
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018784493
wavelet-LHH	ngtdm	Coarseness	0.048753938

wavelet-LHH	ngtdm	Complexity	1629.433693
wavelet-LHH	ngtdm	Strength	15.51067336
wavelet-LHH	ngtdm	Contrast	0.643328968
wavelet-LHH	ngtdm	Busyness	0.041888708
wavelet-LLH	gldm	GrayLevelVariance	97.89604402
wavelet-LLH	gldm	HighGrayLevelEmphasis	530.2317073
wavelet-LLH	gldm	DependenceEntropy	5.451885389
wavelet-LLH	gldm	DependenceNonUniformity	33.12195122
wavelet-LLH	gldm	GrayLevelNonUniformity	3.682926829
wavelet-LLH	gldm	SmallDependenceEmphasis	0.630928184
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	374.0792683
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.403926234
wavelet-LLH	gldm	LargeDependenceEmphasis	3.292682927
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031407972
wavelet-LLH	gldm	DependenceVariance	0.622248662
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1543.134146
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017955363
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.020156332
wavelet-LLH	glcm	JointAverage	19.71481188
wavelet-LLH	glcm	SumAverage	39.42962376
wavelet-LLH	glcm	JointEntropy	6.316423067
wavelet-LLH	glcm	ClusterShade	1058.285458
wavelet-LLH	glcm	MaximumProbability	0.026280988
wavelet-LLH	glcm	Idmn	0.939028313
wavelet-LLH	glcm	JointEnergy	0.013340699
wavelet-LLH	glcm	Contrast	143.1352695
wavelet-LLH	glcm	DifferenceEntropy	4.094887982
wavelet-LLH	glcm	InverseVariance	0.109173049
wavelet-LLH	glcm	DifferenceVariance	53.36164834
wavelet-LLH	glcm	Idn	0.840201175
wavelet-LLH	glcm	Idm	0.113724222
wavelet-LLH	glcm	Correlation	0.211903208
wavelet-LLH	glcm	Autocorrelation	407.451301
wavelet-LLH	glcm	SumEntropy	4.764536831
wavelet-LLH	glcm	SumSquares	90.15632195
wavelet-LLH	glcm	ClusterProminence	115719.4322
wavelet-LLH	glcm	Imc2	0.998416446
wavelet-LLH	glcm	Imc1	-0.63830732
wavelet-LLH	glcm	DifferenceAverage	9.313761955
wavelet-LLH	glcm	Id	0.195993091
wavelet-LLH	glcm	ClusterTendency	217.4900183
wavelet-LLH	firstorder	InterquartileRange	421.4209564
wavelet-LLH	firstorder	Skewness	0.153014553
wavelet-LLH	firstorder	Uniformity	0.044913742
wavelet-LLH	firstorder	Median	-88.25559377
wavelet-LLH	firstorder	Energy	5444476.294
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	161.7931387
wavelet-LLH	firstorder	MeanAbsoluteDeviation	212.1224392
wavelet-LLH	firstorder	TotalEnergy	147000859.9
wavelet-LLH	firstorder	Maximum	511.6750465
wavelet-LLH	firstorder	RootMeanSquared	257.6743145
wavelet-LLH	firstorder	90Percentile	248.053632
wavelet-LLH	firstorder	Minimum	-574.4623083
wavelet-LLH	firstorder	Entropy	4.750666414
wavelet-LLH	firstorder	Range	1086.137355

wavelet-LLH	firstorder	Variance	61893.27231
wavelet-LLH	firstorder	10Percentile	-349.1833264
wavelet-LLH	firstorder	Kurtosis	2.128954968
wavelet-LLH	firstorder	Mean	-67.10275741
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020432653
wavelet-LLH	glrlm	GrayLevelVariance	98.61266997
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.020528817
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.044515007
wavelet-LLH	glrlm	RunVariance	0.026316851
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.56124154
wavelet-LLH	glrlm	LongRunEmphasis	1.077169209
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	524.4988271
wavelet-LLH	glrlm	RunLengthNonUniformity	76.25428613
wavelet-LLH	glrlm	ShortRunEmphasis	0.981789598
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	565.7168829
wavelet-LLH	glrlm	RunPercentage	0.975609756
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.02093908
wavelet-LLH	glrlm	RunEntropy	4.82992896
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	532.5961654
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.953060651
wavelet-LLH	glszm	GrayLevelVariance	107.3478885
wavelet-LLH	glszm	ZoneVariance	0.576845734
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.038781959
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.585176673
wavelet-LLH	glszm	SizeZoneNonUniformity	34.52542373
wavelet-LLH	glszm	GrayLevelNonUniformity	2.288135593
wavelet-LLH	glszm	LargeAreaEmphasis	2.508474576
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	487.8612288
wavelet-LLH	glszm	ZonePercentage	0.719512195
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.03380812
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1183.237288
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	575.8135593
wavelet-LLH	glszm	SmallAreaEmphasis	0.793549906
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.02577726
wavelet-LLH	glszm	ZoneEntropy	5.348579066
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.024429123
wavelet-LLH	ngtdm	Coarseness	0.042467218
wavelet-LLH	ngtdm	Complexity	3643.663274
wavelet-LLH	ngtdm	Strength	28.37769724
wavelet-LLH	ngtdm	Contrast	1.197100015
wavelet-LLH	ngtdm	Busyness	0.038140504
wavelet-LLL	gldm	GrayLevelVariance	590.6914039
wavelet-LLL	gldm	HighGrayLevelEmphasis	3719.865854
wavelet-LLL	gldm	DependenceEntropy	5.686581883
wavelet-LLL	gldm	DependenceNonUniformity	54.02439024
wavelet-LLL	gldm	GrayLevelNonUniformity	1.87804878
wavelet-LLL	gldm	SmallDependenceEmphasis	0.839430894
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2846.595528
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.658834027
wavelet-LLL	gldm	LargeDependenceEmphasis	1.804878049
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.016494738
wavelet-LLL	gldm	DependenceVariance	0.257584771
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	8774.573171
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016264421
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.016307098

wavelet-LLL	glcm	JointAverage	63.27328836
wavelet-LLL	glcm	SumAverage	126.5465767
wavelet-LLL	glcm	JointEntropy	6.433501631
wavelet-LLL	glcm	ClusterShade	-6674.869115
wavelet-LLL	glcm	MaximumProbability	0.017921698
wavelet-LLL	glcm	Idmn	0.927187034
wavelet-LLL	glcm	JointEnergy	0.012007063
wavelet-LLL	glcm	Contrast	1004.967226
wavelet-LLL	glcm	DifferenceEntropy	4.756589363
wavelet-LLL	glcm	InverseVariance	0.031856896
wavelet-LLL	glcm	DifferenceVariance	299.3227322
wavelet-LLL	glcm	Idn	0.820762281
wavelet-LLL	glcm	Idm	0.03728303
wavelet-LLL	glcm	Correlation	0.147839329
wavelet-LLL	glcm	Autocorrelation	4072.342913
wavelet-LLL	glcm	SumEntropy	5.142597336
wavelet-LLL	glcm	SumSquares	568.3906907
wavelet-LLL	glcm	ClusterProminence	4372279.02
wavelet-LLL	glcm	Imc2	0.999906032
wavelet-LLL	glcm	Imc1	-0.805880684
wavelet-LLL	glcm	DifferenceAverage	25.5697672
wavelet-LLL	glcm	Id	0.089025784
wavelet-LLL	glcm	ClusterTendency	1268.595537
wavelet-LLL	firstorder	InterquartileRange	841.5512989
wavelet-LLL	firstorder	Skewness	-0.070073223
wavelet-LLL	firstorder	Uniformity	0.022903034
wavelet-LLL	firstorder	Median	-700.8298462
wavelet-LLL	firstorder	Energy	66146451.05
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	341.3783547
wavelet-LLL	firstorder	MeanAbsoluteDeviation	491.834619
wavelet-LLL	firstorder	TotalEnergy	1785954178
wavelet-LLL	firstorder	Maximum	575.8846011
wavelet-LLL	firstorder	RootMeanSquared	898.1447752
wavelet-LLL	firstorder	90Percentile	152.1056611
wavelet-LLL	firstorder	Minimum	-2046.580287
wavelet-LLL	firstorder	Entropy	5.604205206
wavelet-LLL	firstorder	Range	2622.464888
wavelet-LLL	firstorder	Variance	367469.4533
wavelet-LLL	firstorder	10Percentile	-1371.291833
wavelet-LLL	firstorder	Kurtosis	2.544433579
wavelet-LLL	firstorder	Mean	-662.7175748
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016459009
wavelet-LLL	glrlm	GrayLevelVariance	588.6838726
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.016460772
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.02284677
wavelet-LLL	glrlm	RunVariance	0.009376773
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.855870567
wavelet-LLL	glrlm	LongRunEmphasis	1.028703704
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3655.769921
wavelet-LLL	glrlm	RunLengthNonUniformity	79.72298196
wavelet-LLL	glrlm	ShortRunEmphasis	0.992824074
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3869.385439
wavelet-LLL	glrlm	RunPercentage	0.990619137
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.016467824
wavelet-LLL	glrlm	RunEntropy	5.616794374

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3698.493025
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.981246453
wavelet-LLL	glszm	GrayLevelVariance	576.3280165
wavelet-LLL	glszm	ZoneVariance	0.135485082
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.022330644
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.802214299
wavelet-LLL	glszm	SizeZoneNonUniformity	58.56164384
wavelet-LLL	glszm	GrayLevelNonUniformity	1.630136986
wavelet-LLL	glszm	LargeAreaEmphasis	1.397260274
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3063.292618
wavelet-LLL	glszm	ZonePercentage	0.890243902
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018384967
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5807.986301
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3495.287671
wavelet-LLL	glszm	SmallAreaEmphasis	0.915905632
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.018285286
wavelet-LLL	glszm	ZoneEntropy	5.69304836
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01826195
wavelet-LLL	ngtdm	Coarseness	0.03425737
wavelet-LLL	ngtdm	Complexity	31671.18791
wavelet-LLL	ngtdm	Strength	98.7708712
wavelet-LLL	ngtdm	Contrast	7.038763112
wavelet-LLL	ngtdm	Busyness	0.013045669
wavelet-HHL	gldm	GrayLevelVariance	90.04759072
wavelet-HHL	gldm	HighGrayLevelEmphasis	506.804878
wavelet-HHL	gldm	DependenceEntropy	5.399877309
wavelet-HHL	gldm	DependenceNonUniformity	38.85365854
wavelet-HHL	gldm	GrayLevelNonUniformity	3.487804878
wavelet-HHL	gldm	SmallDependenceEmphasis	0.712886179
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	363.0094851
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.473825104
wavelet-HHL	gldm	LargeDependenceEmphasis	3.268292683
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.216145552
wavelet-HHL	gldm	DependenceVariance	0.831647829
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1557.414634
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.011092648
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.040751634
wavelet-HHL	glcm	JointAverage	20.75856524
wavelet-HHL	glcm	SumAverage	41.51713047
wavelet-HHL	glcm	JointEntropy	6.346537572
wavelet-HHL	glcm	ClusterShade	1007.809881
wavelet-HHL	glcm	MaximumProbability	0.024305101
wavelet-HHL	glcm	Idmn	0.935292676
wavelet-HHL	glcm	JointEnergy	0.012989048
wavelet-HHL	glcm	Contrast	189.0754931
wavelet-HHL	glcm	DifferenceEntropy	4.175441009
wavelet-HHL	glcm	InverseVariance	0.097695689
wavelet-HHL	glcm	DifferenceVariance	72.29396735
wavelet-HHL	glcm	Idn	0.836469636
wavelet-HHL	glcm	Idm	0.099127372
wavelet-HHL	glcm	Correlation	-0.01931079
wavelet-HHL	glcm	Autocorrelation	430.1629443
wavelet-HHL	glcm	SumEntropy	4.691296563
wavelet-HHL	glcm	SumSquares	93.52123514
wavelet-HHL	glcm	ClusterProminence	136367.6034

wavelet-HHL	glcm	Imc2	0.998709017
wavelet-HHL	glcm	Imc1	-0.641756971
wavelet-HHL	glcm	DifferenceAverage	10.52653209
wavelet-HHL	glcm	Id	0.178790423
wavelet-HHL	glcm	ClusterTendency	185.0094474
wavelet-HHL	firstorder	InterquartileRange	299.4857399
wavelet-HHL	firstorder	Skewness	0.338985063
wavelet-HHL	firstorder	Uniformity	0.042534206
wavelet-HHL	firstorder	Median	38.6859448
wavelet-HHL	firstorder	Energy	4851064.021
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	119.3400993
wavelet-HHL	firstorder	MeanAbsoluteDeviation	184.5981345
wavelet-HHL	firstorder	TotalEnergy	130978728.6
wavelet-HHL	firstorder	Maximum	742.3274687
wavelet-HHL	firstorder	RootMeanSquared	243.2268845
wavelet-HHL	firstorder	90Percentile	327.4518195
wavelet-HHL	firstorder	Minimum	-448.49383
wavelet-HHL	firstorder	Entropy	4.76848173
wavelet-HHL	firstorder	Range	1190.821299
wavelet-HHL	firstorder	Variance	56823.99584
wavelet-HHL	firstorder	10Percentile	-215.2100716
wavelet-HHL	firstorder	Kurtosis	3.17160477
wavelet-HHL	firstorder	Mean	48.32516417
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.038177558
wavelet-HHL	glrlm	GrayLevelVariance	90.88019277
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.039668883
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.041869289
wavelet-HHL	glrlm	RunVariance	0.025442392
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.35944362
wavelet-HHL	glrlm	LongRunEmphasis	1.070800426
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	500.1415229
wavelet-HHL	glrlm	RunLengthNonUniformity	77.09548901
wavelet-HHL	glrlm	ShortRunEmphasis	0.98446404
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	541.4767633
wavelet-HHL	glrlm	RunPercentage	0.978424015
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.045651348
wavelet-HHL	glrlm	RunEntropy	4.836900887
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	507.474098
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.960501909
wavelet-HHL	glszm	GrayLevelVariance	98.90249433
wavelet-HHL	glszm	ZoneVariance	0.750314941
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.038044848
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.718316956
wavelet-HHL	glszm	SizeZoneNonUniformity	45.25396825
wavelet-HHL	glszm	GrayLevelNonUniformity	2.396825397
wavelet-HHL	glszm	LargeAreaEmphasis	2.444444444
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	443.7416226
wavelet-HHL	glszm	ZonePercentage	0.768292683
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.150641982
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1172.634921
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	514.2857143
wavelet-HHL	glszm	SmallAreaEmphasis	0.869268078
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.020728979
wavelet-HHL	glszm	ZoneEntropy	5.07998905
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.00639988

wavelet-HHL	ngtdm	Coarseness	0.048927995
wavelet-HHL	ngtdm	Complexity	3721.962587
wavelet-HHL	ngtdm	Strength	22.63826025
wavelet-HHL	ngtdm	Contrast	1.401294583
wavelet-HHL	ngtdm	Busyness	0.043964642
wavelet-HLH	gldm	GrayLevelVariance	37.59071981
wavelet-HLH	gldm	HighGrayLevelEmphasis	243.2682927
wavelet-HLH	gldm	DependenceEntropy	5.2595142
wavelet-HLH	gldm	DependenceNonUniformity	30.34146341
wavelet-HLH	gldm	GrayLevelNonUniformity	4.195121951
wavelet-HLH	gldm	SmallDependenceEmphasis	0.611493902
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	152.1135569
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.370017847
wavelet-HLH	gldm	LargeDependenceEmphasis	4.219512195
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041891228
wavelet-HLH	gldm	DependenceVariance	1.049375372
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	916.3658537
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020585119
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.022940135
wavelet-HLH	glcm	JointAverage	14.14333899
wavelet-HLH	glcm	SumAverage	28.28667799
wavelet-HLH	glcm	JointEntropy	6.276147315
wavelet-HLH	glcm	ClusterShade	-4.010655826
wavelet-HLH	glcm	MaximumProbability	0.027905579
wavelet-HLH	glcm	Idmn	0.919149035
wavelet-HLH	glcm	JointEnergy	0.013901332
wavelet-HLH	glcm	Contrast	73.48126467
wavelet-HLH	glcm	DifferenceEntropy	3.822697763
wavelet-HLH	glcm	InverseVariance	0.136385923
wavelet-HLH	glcm	DifferenceVariance	24.89979381
wavelet-HLH	glcm	Idn	0.813354336
wavelet-HLH	glcm	Idm	0.138732348
wavelet-HLH	glcm	Correlation	-0.032151111
wavelet-HLH	glcm	Autocorrelation	199.1645716
wavelet-HLH	glcm	SumEntropy	4.36641915
wavelet-HLH	glcm	SumSquares	35.79168662
wavelet-HLH	glcm	ClusterProminence	13383.85197
wavelet-HLH	glcm	Imc2	0.995847263
wavelet-HLH	glcm	Imc1	-0.562687158
wavelet-HLH	glcm	DifferenceAverage	6.898005037
wavelet-HLH	glcm	Id	0.227061243
wavelet-HLH	glcm	ClusterTendency	69.6854818
wavelet-HLH	firstorder	InterquartileRange	214.0119245
wavelet-HLH	firstorder	Skewness	0.067809682
wavelet-HLH	firstorder	Uniformity	0.051160024
wavelet-HLH	firstorder	Median	42.00181073
wavelet-HLH	firstorder	Energy	2080578.663
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	85.36215117
wavelet-HLH	firstorder	MeanAbsoluteDeviation	123.0321901
wavelet-HLH	firstorder	TotalEnergy	56175623.91
wavelet-HLH	firstorder	Maximum	355.5682688
wavelet-HLH	firstorder	RootMeanSquared	159.2887646
wavelet-HLH	firstorder	90Percentile	266.9947578
wavelet-HLH	firstorder	Minimum	-275.7797044
wavelet-HLH	firstorder	Entropy	4.465690005



wavelet-HLH	firstorder	Range	631.3479732
wavelet-HLH	firstorder	Variance	23256.13895
wavelet-HLH	firstorder	10Percentile	-163.2121928
wavelet-HLH	firstorder	Kurtosis	2.356531846
wavelet-HLH	firstorder	Mean	46.00838593
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.023333388
wavelet-HLH	glrlm	GrayLevelVariance	38.31887761
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.023469145
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.050639332
wavelet-HLH	glrlm	RunVariance	0.031950097
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.028120194
wavelet-HLH	glrlm	LongRunEmphasis	1.095235896
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	239.0857097
wavelet-HLH	glrlm	RunLengthNonUniformity	74.92680754
wavelet-HLH	glrlm	ShortRunEmphasis	0.977286796
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	264.9353969
wavelet-HLH	glrlm	RunPercentage	0.969981238
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024029297
wavelet-HLH	glrlm	RunEntropy	4.567156785
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	244.0312334
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.941789382
wavelet-HLH	glszm	GrayLevelVariance	46.62234534
wavelet-HLH	glszm	ZoneVariance	1.053247153
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.047706987
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.601723607
wavelet-HLH	glszm	SizeZoneNonUniformity	34.29824561
wavelet-HLH	glszm	GrayLevelNonUniformity	2.719298246
wavelet-HLH	glszm	LargeAreaEmphasis	3.122807018
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	199.6013645
wavelet-HLH	glszm	ZonePercentage	0.695121951
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.042224595
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	721.8596491
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	248.5614035
wavelet-HLH	glszm	SmallAreaEmphasis	0.80208577
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.030415814
wavelet-HLH	glszm	ZoneEntropy	4.981498347
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029144848
wavelet-HLH	ngtdm	Coarseness	0.060429501
wavelet-HLH	ngtdm	Complexity	1268.850253
wavelet-HLH	ngtdm	Strength	11.64501412
wavelet-HLH	ngtdm	Contrast	0.597449001
wavelet-HLH	ngtdm	Busyness	0.056938282

Image type	Feature Class	Feature Name	2: RTSTRUCT: C99-DNU_segment_GTV
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	981627ca9936dfb8cddbc76e703763468090f143
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	149
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original	shape	Maximum2DDiameterSlice	20.1246118
original	shape	Sphericity	0.912818821
original	shape	MinorAxis	18.38912399
original	shape	Elongation	0.979594518
original	shape	SurfaceVolumeRatio	0.333106311
original	shape	Volume	4023
original	shape	MajorAxis	18.77217935
original	shape	SurfaceArea	1340.086689
original	shape	Flatness	0.870786159
original	shape	LeastAxis	16.34655396
original	shape	Maximum2DDiameterColumn	19.20937271
original	shape	Maximum2DDiameterRow	19.20937271
original	gldm	GrayLevelVariance	145.4585829
original	gldm	HighGrayLevelEmphasis	878.0872483
original	gldm	DependenceEntropy	5.965255181
original	gldm	DependenceNonUniformity	53.37583893
original	gldm	GrayLevelNonUniformity	5.456375839
original	gldm	SmallDependenceEmphasis	0.619460024
original	gldm	SmallDependenceHighGrayLevelEmphasis	390.4270699
original	gldm	DependenceNonUniformityNormalized	0.358227107
original	gldm	LargeDependenceEmphasis	10.85234899
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.023493179
original	gldm	DependenceVariance	5.491104004
original	gldm	LargeDependenceHighGrayLevelEmphasis	17083.09396

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.010559996
original	gldm	LowGrayLevelEmphasis	0.012131423
original	glcm	JointAverage	29.77631727
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original	glcm	JointEntropy	7.196918288
original	glcm	ClusterShade	-3458.989085
original	glcm	MaximumProbability	0.042131322
original	glcm	ldmn	0.924893712
original	glcm	JointEnergy	0.008772085
original	glcm	Contrast	182.1768344
original	glcm	DifferenceEntropy	4.50472364
original	glcm	InverseVariance	0.124685395
original	glcm	DifferenceVariance	73.01180148
original	glcm	ldn	0.829954486
original	glcm	ldm	0.148639209
original	glcm	Correlation	0.320087983
original	glcm	Autocorrelation	930.8399764
original	glcm	SumEntropy	5.411058853
original	glcm	SumSquares	135.0588187
original	glcm	ClusterProminence	300490.04
original	glcm	lmc2	0.996692428
original	glcm	lmc1	-0.518983075
original	glcm	DifferenceAverage	10.29188712
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original	glcm	ClusterTendency	358.0584402
original	firstorder	InterquartileRange	544
original	firstorder	Skewness	-0.317568562
original	firstorder	Uniformity	0.036619972
original	firstorder	Median	-300
original	firstorder	Energy	30452534
original	firstorder	RobustMeanAbsoluteDeviation	218.5404986
original	firstorder	MeanAbsoluteDeviation	266.2807081
original	firstorder	TotalEnergy	822218418
original	firstorder	Maximum	76
original	firstorder	RootMeanSquared	452.0834246
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original	firstorder	Minimum	-991
original	firstorder	Entropy	5.103359984
original	firstorder	Range	1067
original	firstorder	Variance	90624.88401
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original	firstorder	Kurtosis	1.842518336
original	firstorder	Mean	-337.2751678
original	glrlm	ShortRunLowGrayLevelEmphasis	0.012595548
original	glrlm	GrayLevelVariance	142.9357422
original	glrlm	LowGrayLevelRunEmphasis	0.012675804
original	glrlm	GrayLevelNonUniformityNormalized	0.03303113
original	glrlm	RunVariance	0.064879204
original	glrlm	GrayLevelNonUniformity	4.67663461
original	glrlm	LongRunEmphasis	1.176448797
original	glrlm	ShortRunHighGrayLevelEmphasis	788.7091189
original	glrlm	RunLengthNonUniformity	128.8840518

original	glrlm	ShortRunEmphasis	0.963671985
original	glrlm	LongRunHighGrayLevelEmphasis	1114.607776
original	glrlm	RunPercentage	0.949406298
original	glrlm	LongRunLowGrayLevelEmphasis	0.013015297
original	glrlm	RunEntropy	5.308058617
original	glrlm	HighGrayLevelRunEmphasis	843.2984316
original	glrlm	RunLengthNonUniformityNormalized	0.910172108
original	glszm	GrayLevelVariance	124.2729719
original	glszm	ZoneVariance	2.777873895
original	glszm	GrayLevelNonUniformityNormalized	0.028835063
original	glszm	SizeZoneNonUniformityNormalized	0.674548251
original	glszm	SizeZoneNonUniformity	68.80392157
original	glszm	GrayLevelNonUniformity	2.941176471
original	glszm	LargeAreaEmphasis	4.911764706
original	glszm	SmallAreaHighGrayLevelEmphasis	507.9625034
original	glszm	ZonePercentage	0.684563758
original	glszm	LargeAreaLowGrayLevelEmphasis	0.02256489
original	glszm	LargeAreaHighGrayLevelEmphasis	6786.852941
original	glszm	HighGrayLevelZoneEmphasis	670.5490196
original	glszm	SmallAreaEmphasis	0.844997447
original	glszm	LowGrayLevelZoneEmphasis	0.016108743
original	glszm	ZoneEntropy	5.551800219
original	glszm	SmallAreaLowGrayLevelEmphasis	0.015057194
original	ngtdm	Coarseness	0.026359318
original	ngtdm	Complexity	5601.278509
original	ngtdm	Strength	24.33264387
original	ngtdm	Contrast	1.211972687
original	ngtdm	Busyness	0.030741641
wavelet-HHH	gldm	GrayLevelVariance	15.23246701
wavelet-HHH	gldm	HighGrayLevelEmphasis	149.885906
wavelet-HHH	gldm	DependenceEntropy	5.457981296
wavelet-HHH	gldm	DependenceNonUniformity	36.40939597
wavelet-HHH	gldm	GrayLevelNonUniformity	12.20805369
wavelet-HHH	gldm	SmallDependenceEmphasis	0.44143621
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	65.66038438
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.244358362
wavelet-HHH	gldm	LargeDependenceEmphasis	8.181208054
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.076952512
wavelet-HHH	gldm	DependenceVariance	2.311157155
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1216.57047
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014288458
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.01962617
wavelet-HHH	glcm	JointAverage	11.52422015
wavelet-HHH	glcm	SumAverage	23.04844031
wavelet-HHH	glcm	JointEntropy	6.612747192
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wavelet-HHH	glcm	Contrast	29.06084786
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wavelet-HHH	glcm	Imc2	0.924746421
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wavelet-HHH	glcm	DifferenceAverage	4.165781167
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wavelet-HHH	glcm	ClusterTendency	27.27664689
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wavelet-HHH	firstorder	Uniformity	0.081933246
wavelet-HHH	firstorder	Median	9.582767351
wavelet-HHH	firstorder	Energy	1412120.648
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.34062342
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wavelet-HHH	firstorder	TotalEnergy	38127257.51
wavelet-HHH	firstorder	Maximum	261.0490638
wavelet-HHH	firstorder	RootMeanSquared	97.35152689
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wavelet-HHH	firstorder	Minimum	-270.4103252
wavelet-HHH	firstorder	Entropy	3.867380724
wavelet-HHH	firstorder	Range	531.4593889
wavelet-HHH	firstorder	Variance	9472.15626
wavelet-HHH	firstorder	10Percentile	-136.6271798
wavelet-HHH	firstorder	Kurtosis	3.18269216
wavelet-HHH	firstorder	Mean	2.272339714
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.019926941
wavelet-HHH	glrlm	GrayLevelVariance	15.77102452
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.020274479
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.079494705
wavelet-HHH	glrlm	RunVariance	0.064435782
wavelet-HHH	glrlm	GrayLevelNonUniformity	11.19844879
wavelet-HHH	glrlm	LongRunEmphasis	1.184088956
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	143.834165
wavelet-HHH	glrlm	RunLengthNonUniformity	126.6900797
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.021815738
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.065010957
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.508765522
wavelet-HHH	glszm	SizeZoneNonUniformity	37.64864865

wavelet-HHH	glszm	GrayLevelNonUniformity	4.810810811
wavelet-HHH	glszm	LargeAreaEmphasis	10.31081081
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	109.1771549
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1577.067568
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wavelet-HHH	glszm	SmallAreaEmphasis	0.738706618
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.030500364
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.027253439
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wavelet-HHH	ngtdm	Strength	4.388921398
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wavelet-HHH	ngtdm	Busyness	0.110271441
wavelet-HLL	gldm	GrayLevelVariance	93.42173776
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wavelet-HLL	gldm	GrayLevelNonUniformity	4.879194631
wavelet-HLL	gldm	SmallDependenceEmphasis	0.614642058
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	345.0106898
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.391468853
wavelet-HLL	gldm	LargeDependenceEmphasis	3.577181208
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.039915398
wavelet-HLL	gldm	DependenceVariance	0.739426152
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1943.791946
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010401132
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01538714
wavelet-HLL	glcm	JointAverage	20.99399265
wavelet-HLL	glcm	SumAverage	41.98798529
wavelet-HLL	glcm	JointEntropy	7.392788612
wavelet-HLL	glcm	ClusterShade	235.5753189
wavelet-HLL	glcm	MaximumProbability	0.013743205
wavelet-HLL	glcm	Idmn	0.934765669
wavelet-HLL	glcm	JointEnergy	0.006327778
wavelet-HLL	glcm	Contrast	120.1794915
wavelet-HLL	glcm	DifferenceEntropy	4.227947111
wavelet-HLL	glcm	InverseVariance	0.11833659
wavelet-HLL	glcm	DifferenceVariance	39.73125154
wavelet-HLL	glcm	Idn	0.8329165
wavelet-HLL	glcm	Idm	0.111872031
wavelet-HLL	glcm	Correlation	0.379336807
wavelet-HLL	glcm	Autocorrelation	476.6956718
wavelet-HLL	glcm	SumEntropy	5.427942286
wavelet-HLL	glcm	SumSquares	95.92645712
wavelet-HLL	glcm	ClusterProminence	151736.2765
wavelet-HLL	glcm	Imc2	0.99769033
wavelet-HLL	glcm	Imc1	-0.534296589
wavelet-HLL	glcm	DifferenceAverage	8.676519571
wavelet-HLL	glcm	Id	0.196162521

wavelet-HLL	glcm	ClusterTendency	263.526337
wavelet-HLL	firstorder	InterquartileRange	352.507186
wavelet-HLL	firstorder	Skewness	-0.049711203
wavelet-HLL	firstorder	Uniformity	0.032746273
wavelet-HLL	firstorder	Median	-104.422019
wavelet-HLL	firstorder	Energy	10262033.4
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	149.8975285
wavelet-HLL	firstorder	MeanAbsoluteDeviation	200.204014
wavelet-HLL	firstorder	TotalEnergy	277074901.8
wavelet-HLL	firstorder	Maximum	346.5438709
wavelet-HLL	firstorder	RootMeanSquared	262.4361015
wavelet-HLL	firstorder	90Percentile	246.1457724
wavelet-HLL	firstorder	Minimum	-607.14794
wavelet-HLL	firstorder	Entropy	5.075755058
wavelet-HLL	firstorder	Range	953.6918109
wavelet-HLL	firstorder	Variance	58534.70172
wavelet-HLL	firstorder	10Percentile	-453.1368656
wavelet-HLL	firstorder	Kurtosis	2.122866499
wavelet-HLL	firstorder	Mean	-101.6759837
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015281767
wavelet-HLL	glrlm	GrayLevelVariance	93.08506871
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.01550758
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.032690856
wavelet-HLL	glrlm	RunVariance	0.027362308
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.742667815
wavelet-HLL	glrlm	LongRunEmphasis	1.083393727
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	540.9737539
wavelet-HLL	glrlm	RunLengthNonUniformity	137.6909418
wavelet-HLL	glrlm	ShortRunEmphasis	0.979757739
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	597.0171428
wavelet-HLL	glrlm	RunPercentage	0.973670625
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.016414158
wavelet-HLL	glrlm	RunEntropy	5.157231608
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	551.8289129
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.9483862
wavelet-HLL	glszm	GrayLevelVariance	85.31647559
wavelet-HLL	glszm	ZoneVariance	0.841623521
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033838757
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.578772189
wavelet-HLL	glszm	SizeZoneNonUniformity	60.19230769
wavelet-HLL	glszm	GrayLevelNonUniformity	3.519230769
wavelet-HLL	glszm	LargeAreaEmphasis	2.894230769
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	446.2772009
wavelet-HLL	glszm	ZonePercentage	0.697986577
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.035094956
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1645.413462
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	557.125
wavelet-HLL	glszm	SmallAreaEmphasis	0.789297543
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01686291
wavelet-HLL	glszm	ZoneEntropy	5.620441882
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.01364816
wavelet-HLL	ngtdm	Coarseness	0.034902257

wavelet-HLL	ngtdm	Complexity	3363.868459
wavelet-HLL	ngtdm	Strength	17.54095248
wavelet-HLL	ngtdm	Contrast	0.836725044
wavelet-HLL	ngtdm	Busyness	0.045345154
wavelet-LHL	gldm	GrayLevelVariance	130.443944
wavelet-LHL	gldm	HighGrayLevelEmphasis	1131.805369
wavelet-LHL	gldm	DependenceEntropy	5.946531548
wavelet-LHL	gldm	DependenceNonUniformity	65.25503356
wavelet-LHL	gldm	GrayLevelNonUniformity	4.798657718
wavelet-LHL	gldm	SmallDependenceEmphasis	0.676780388
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	843.6334359
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.437953245
wavelet-LHL	gldm	LargeDependenceEmphasis	3.147651007
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01152968
wavelet-LHL	gldm	DependenceVariance	0.660150444
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3028.66443
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007711997
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.00824232
wavelet-LHL	glcm	JointAverage	30.64163823
wavelet-LHL	glcm	SumAverage	61.28327646
wavelet-LHL	glcm	JointEntropy	7.408791602
wavelet-LHL	glcm	ClusterShade	5337.823258
wavelet-LHL	glcm	MaximumProbability	0.015012335
wavelet-LHL	glcm	ldmn	0.964146441
wavelet-LHL	glcm	JointEnergy	0.006270541
wavelet-LHL	glcm	Contrast	162.8351072
wavelet-LHL	glcm	DifferenceEntropy	4.375184034
wavelet-LHL	glcm	InverseVariance	0.11606392
wavelet-LHL	glcm	DifferenceVariance	64.26395309
wavelet-LHL	glcm	ldn	0.877575418
wavelet-LHL	glcm	ldm	0.105881735
wavelet-LHL	glcm	Correlation	0.323646208
wavelet-LHL	glcm	Autocorrelation	979.7114672
wavelet-LHL	glcm	SumEntropy	5.32077116
wavelet-LHL	glcm	SumSquares	122.0815817
wavelet-LHL	glcm	ClusterProminence	413298.3815
wavelet-LHL	glcm	lmc2	0.998305651
wavelet-LHL	glcm	lmc1	-0.556707428
wavelet-LHL	glcm	DifferenceAverage	9.637291841
wavelet-LHL	glcm	ld	0.189182037
wavelet-LHL	glcm	ClusterTendency	325.4912197
wavelet-LHL	firstorder	InterquartileRange	342.4822233
wavelet-LHL	firstorder	Skewness	0.441806799
wavelet-LHL	firstorder	Uniformity	0.032205756
wavelet-LHL	firstorder	Median	-90.48871576
wavelet-LHL	firstorder	Energy	12503164.69
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	148.6051081
wavelet-LHL	firstorder	MeanAbsoluteDeviation	222.172779
wavelet-LHL	firstorder	TotalEnergy	337585446.7
wavelet-LHL	firstorder	Maximum	725.2456262
wavelet-LHL	firstorder	RootMeanSquared	289.678886
wavelet-LHL	firstorder	90Percentile	378.4879747



wavelet-LHL	firstorder	Minimum	-815.4174234
wavelet-LHL	firstorder	Entropy	5.223435133
wavelet-LHL	firstorder	Range	1540.66305
wavelet-LHL	firstorder	Variance	81690.08389
wavelet-LHL	firstorder	10Percentile	-386.3403736
wavelet-LHL	firstorder	Kurtosis	3.117328123
wavelet-LHL	firstorder	Mean	-47.15689882
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.008367415
wavelet-LHL	glrlm	GrayLevelVariance	131.7058914
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008394326
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.031755577
wavelet-LHL	glrlm	RunVariance	0.022181244
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.626685507
wavelet-LHL	glrlm	LongRunEmphasis	1.068386099
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1122.204031
wavelet-LHL	glrlm	RunLengthNonUniformity	139.2545577
wavelet-LHL	glrlm	ShortRunEmphasis	0.982903475
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1198.063866
wavelet-LHL	glrlm	RunPercentage	0.977800723
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008501968
wavelet-LHL	glrlm	RunEntropy	5.314543641
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1137.375998
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.955637512
wavelet-LHL	glszm	GrayLevelVariance	146.8304959
wavelet-LHL	glszm	ZoneVariance	0.901570248
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028429752
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.671900826
wavelet-LHL	glszm	SizeZoneNonUniformity	73.90909091
wavelet-LHL	glszm	GrayLevelNonUniformity	3.127272727
wavelet-LHL	glszm	LargeAreaEmphasis	2.736363636
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1077.238598
wavelet-LHL	glszm	ZonePercentage	0.738255034
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.013325406
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2701.645455
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1218.5
wavelet-LHL	glszm	SmallAreaEmphasis	0.844729798
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.010591981
wavelet-LHL	glszm	ZoneEntropy	5.762149405
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010326764
wavelet-LHL	ngtdm	Coarseness	0.041161667
wavelet-LHL	ngtdm	Complexity	6274.159217
wavelet-LHL	ngtdm	Strength	37.50134894
wavelet-LHL	ngtdm	Contrast	0.726459097
wavelet-LHL	ngtdm	Busyness	0.019053968
wavelet-LHH	gldm	GrayLevelVariance	25.57389307
wavelet-LHH	gldm	HighGrayLevelEmphasis	159.4496644
wavelet-LHH	gldm	DependenceEntropy	5.545360826
wavelet-LHH	gldm	DependenceNonUniformity	41.05369128
wavelet-LHH	gldm	GrayLevelNonUniformity	9.416107383
wavelet-LHH	gldm	SmallDependenceEmphasis	0.473051827
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	80.35786353
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.275528129

wavelet-LHH	gldm	LargeDependenceEmphasis	5.899328859
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.081790486
wavelet-LHH	gldm	DependenceVariance	1.3157065
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	840.0268456
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.024025698
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.029813554
wavelet-LHH	glcm	JointAverage	11.61061868
wavelet-LHH	glcm	SumAverage	23.22123736
wavelet-LHH	glcm	JointEntropy	6.984334475
wavelet-LHH	glcm	ClusterShade	97.15439942
wavelet-LHH	glcm	MaximumProbability	0.026246822
wavelet-LHH	glcm	ldmn	0.934518576
wavelet-LHH	glcm	JointEnergy	0.009211237
wavelet-LHH	glcm	Contrast	50.40840625
wavelet-LHH	glcm	DifferenceEntropy	3.74995477
wavelet-LHH	glcm	InverseVariance	0.173892654
wavelet-LHH	glcm	DifferenceVariance	18.84239279
wavelet-LHH	glcm	ldn	0.834192068
wavelet-LHH	glcm	ldm	0.172574973
wavelet-LHH	glcm	Correlation	-0.010409369
wavelet-LHH	glcm	Autocorrelation	134.5012319
wavelet-LHH	glcm	SumEntropy	4.527169403
wavelet-LHH	glcm	SumSquares	24.88514472
wavelet-LHH	glcm	ClusterProminence	8101.828907
wavelet-LHH	glcm	lmc2	0.971412818
wavelet-LHH	glcm	lmc1	-0.343298031
wavelet-LHH	glcm	DifferenceAverage	5.542215215
wavelet-LHH	glcm	ld	0.264419754
wavelet-LHH	glcm	ClusterTendency	49.13217264
wavelet-LHH	firstorder	InterquartileRange	144.219821
wavelet-LHH	firstorder	Skewness	0.279394285
wavelet-LHH	firstorder	Uniformity	0.063195352
wavelet-LHH	firstorder	Median	-10.84165709
wavelet-LHH	firstorder	Energy	2392165.069
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	68.24056373
wavelet-LHH	firstorder	MeanAbsoluteDeviation	99.78284812
wavelet-LHH	firstorder	TotalEnergy	64588456.87
wavelet-LHH	firstorder	Maximum	339.6489768
wavelet-LHH	firstorder	RootMeanSquared	126.7075338
wavelet-LHH	firstorder	90Percentile	181.367973
wavelet-LHH	firstorder	Minimum	-272.5298032
wavelet-LHH	firstorder	Entropy	4.245786911
wavelet-LHH	firstorder	Range	612.1787799
wavelet-LHH	firstorder	Variance	16054.12858
wavelet-LHH	firstorder	10Percentile	-167.1084993
wavelet-LHH	firstorder	Kurtosis	2.78707997
wavelet-LHH	firstorder	Mean	0.818867862
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.030323057
wavelet-LHH	glrlm	GrayLevelVariance	26.26079961
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.030686516
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.061739967
wavelet-LHH	glrlm	RunVariance	0.048133951

wavelet-LHH	glrlm	GrayLevelNonUniformity	8.796493783
wavelet-LHH	glrlm	LongRunEmphasis	1.142670697
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	155.5184897
wavelet-LHH	glrlm	RunLengthNonUniformity	130.5721586
wavelet-LHH	glrlm	ShortRunEmphasis	0.966761339
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	180.391442
wavelet-LHH	glrlm	RunPercentage	0.956117708
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.032232074
wavelet-LHH	glrlm	RunEntropy	4.449188135
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	160.2632064
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.916219299
wavelet-LHH	glszm	GrayLevelVariance	36.73007164
wavelet-LHH	glszm	ZoneVariance	2.801402225
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.048620637
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.486663618
wavelet-LHH	glszm	SizeZoneNonUniformity	39.41975309
wavelet-LHH	glszm	GrayLevelNonUniformity	3.938271605
wavelet-LHH	glszm	LargeAreaEmphasis	6.185185185
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	124.8330281
wavelet-LHH	glszm	ZonePercentage	0.543624161
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.105385054
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	862.5679012
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	171.691358
wavelet-LHH	glszm	SmallAreaEmphasis	0.723505658
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.045252411
wavelet-LHH	glszm	ZoneEntropy	5.303131874
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.04251347
wavelet-LHH	ngtdm	Coarseness	0.038368156
wavelet-LHH	ngtdm	Complexity	926.7234326
wavelet-LHH	ngtdm	Strength	6.501387632
wavelet-LHH	ngtdm	Contrast	0.350317254
wavelet-LHH	ngtdm	Busyness	0.104787608
wavelet-LLH	gldm	GrayLevelVariance	86.15233548
wavelet-LLH	gldm	HighGrayLevelEmphasis	433.261745
wavelet-LLH	gldm	DependenceEntropy	5.732329219
wavelet-LLH	gldm	DependenceNonUniformity	48.3557047
wavelet-LLH	gldm	GrayLevelNonUniformity	7.161073826
wavelet-LLH	gldm	SmallDependenceEmphasis	0.548519761
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	257.2949888
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.324534931
wavelet-LLH	gldm	LargeDependenceEmphasis	4.758389262
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031358502
wavelet-LLH	gldm	DependenceVariance	1.099770281
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1748.067114
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013596439
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.01562605
wavelet-LLH	glcm	JointAverage	17.83676206
wavelet-LLH	glcm	SumAverage	35.67352411
wavelet-LLH	glcm	JointEntropy	7.160316345
wavelet-LLH	glcm	ClusterShade	3666.70886
wavelet-LLH	glcm	MaximumProbability	0.023776757
wavelet-LLH	glcm	ldmn	0.957313171

wavelet-LLH	glcm	JointEnergy	0.007999561
wavelet-LLH	glcm	Contrast	126.2462968
wavelet-LLH	glcm	DifferenceEntropy	4.149955832
wavelet-LLH	glcm	InverseVariance	0.160034976
wavelet-LLH	glcm	DifferenceVariance	59.40152744
wavelet-LLH	glcm	Idn	0.874105578
wavelet-LLH	glcm	Idm	0.150194547
wavelet-LLH	glcm	Correlation	0.180273842
wavelet-LLH	glcm	Autocorrelation	334.4415389
wavelet-LLH	glcm	SumEntropy	5.016241397
wavelet-LLH	glcm	SumSquares	79.32718954
wavelet-LLH	glcm	ClusterProminence	220688.6087
wavelet-LLH	glcm	Imc2	0.992540673
wavelet-LLH	glcm	Imc1	-0.457185741
wavelet-LLH	glcm	DifferenceAverage	7.968421198
wavelet-LLH	glcm	Id	0.234316608
wavelet-LLH	glcm	ClusterTendency	191.0624614
wavelet-LLH	firstorder	InterquartileRange	220.035016
wavelet-LLH	firstorder	Skewness	1.25824378
wavelet-LLH	firstorder	Uniformity	0.048060898
wavelet-LLH	firstorder	Median	-36.99857347
wavelet-LLH	firstorder	Energy	7990530.862
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	92.40259545
wavelet-LLH	firstorder	MeanAbsoluteDeviation	164.384542
wavelet-LLH	firstorder	TotalEnergy	215744333.3
wavelet-LLH	firstorder	Maximum	750.1939961
wavelet-LLH	firstorder	RootMeanSquared	231.5766048
wavelet-LLH	firstorder	90Percentile	255.3323691
wavelet-LLH	firstorder	Minimum	-425.8231088
wavelet-LLH	firstorder	Entropy	4.699271419
wavelet-LLH	firstorder	Range	1176.017105
wavelet-LLH	firstorder	Variance	53616.38206
wavelet-LLH	firstorder	10Percentile	-234.60549
wavelet-LLH	firstorder	Kurtosis	5.126506215
wavelet-LLH	firstorder	Mean	3.367766573
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.015923232
wavelet-LLH	glrlm	GrayLevelVariance	87.45801355
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.016039904
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.047043751
wavelet-LLH	glrlm	RunVariance	0.03612649
wavelet-LLH	glrlm	GrayLevelNonUniformity	6.763502367
wavelet-LLH	glrlm	LongRunEmphasis	1.110697215
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	425.823872
wavelet-LLH	glrlm	RunLengthNonUniformity	133.8688016
wavelet-LLH	glrlm	ShortRunEmphasis	0.972927598
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	476.1070935
wavelet-LLH	glrlm	RunPercentage	0.964894166
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.016514923
wavelet-LLH	glrlm	RunEntropy	4.849854091
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	435.7413566
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.930859955
wavelet-LLH	glszm	GrayLevelVariance	102.2969129

wavelet-LLH	glszm	ZoneVariance	1.916984622
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.041045208
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.546768413
wavelet-LLH	glszm	SizeZoneNonUniformity	50.84946237
wavelet-LLH	glszm	GrayLevelNonUniformity	3.817204301
wavelet-LLH	glszm	LargeAreaEmphasis	4.483870968
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	366.5447392
wavelet-LLH	glszm	ZonePercentage	0.624161074
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037072429
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1646.817204
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	465.7526882
wavelet-LLH	glszm	SmallAreaEmphasis	0.766798578
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.022361395
wavelet-LLH	glszm	ZoneEntropy	5.423582403
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021257019
wavelet-LLH	ngtdm	Coarseness	0.035226033
wavelet-LLH	ngtdm	Complexity	3396.308012
wavelet-LLH	ngtdm	Strength	23.29249415
wavelet-LLH	ngtdm	Contrast	0.835684145
wavelet-LLH	ngtdm	Busyness	0.051380233
wavelet-LLL	gldm	GrayLevelVariance	819.2739066
wavelet-LLL	gldm	HighGrayLevelEmphasis	4819.624161
wavelet-LLL	gldm	DependenceEntropy	6.338066423
wavelet-LLL	gldm	DependenceNonUniformity	92.89261745
wavelet-LLL	gldm	GrayLevelNonUniformity	2.315436242
wavelet-LLL	gldm	SmallDependenceEmphasis	0.812826249
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3414.020134
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.623440386
wavelet-LLL	gldm	LargeDependenceEmphasis	1.77852349
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007935812
wavelet-LLL	gldm	DependenceVariance	0.203414261
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	10809.55705
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007698038
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007745109
wavelet-LLL	glcm	JointAverage	70.55057044
wavelet-LLL	glcm	SumAverage	141.1011409
wavelet-LLL	glcm	JointEntropy	7.591995945
wavelet-LLL	glcm	ClusterShade	-18483.5205
wavelet-LLL	glcm	MaximumProbability	0.009722812
wavelet-LLL	glcm	Idmn	0.938670183
wavelet-LLL	glcm	JointEnergy	0.005266537
wavelet-LLL	glcm	Contrast	930.9547821
wavelet-LLL	glcm	DifferenceEntropy	5.297452858
wavelet-LLL	glcm	InverseVariance	0.048715148
wavelet-LLL	glcm	DifferenceVariance	285.6162221
wavelet-LLL	glcm	Idn	0.834035752
wavelet-LLL	glcm	Idm	0.044424015
wavelet-LLL	glcm	Correlation	0.412994768
wavelet-LLL	glcm	Autocorrelation	5309.085202
wavelet-LLL	glcm	SumEntropy	6.094060066
wavelet-LLL	glcm	SumSquares	795.6940394
wavelet-LLL	glcm	ClusterProminence	11074267.25

wavelet-LLL	glcm	Imc2	0.999936069
wavelet-LLL	glcm	Imc1	-0.74297389
wavelet-LLL	glcm	DifferenceAverage	24.82095075
wavelet-LLL	glcm	Id	0.095987809
wavelet-LLL	glcm	ClusterTendency	2251.821375
wavelet-LLL	firstorder	InterquartileRange	1215.6382
wavelet-LLL	firstorder	Skewness	0.017816808
wavelet-LLL	firstorder	Uniformity	0.015539841
wavelet-LLL	firstorder	Median	-1031.670406
wavelet-LLL	firstorder	Energy	226897621.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	469.6054457
wavelet-LLL	firstorder	MeanAbsoluteDeviation	606.9666768
wavelet-LLL	firstorder	TotalEnergy	6126235769
wavelet-LLL	firstorder	Maximum	262.2318234
wavelet-LLL	firstorder	RootMeanSquared	1234.018973
wavelet-LLL	firstorder	90Percentile	-34.74463319
wavelet-LLL	firstorder	Minimum	-2570.373625
wavelet-LLL	firstorder	Entropy	6.136461725
wavelet-LLL	firstorder	Range	2832.605449
wavelet-LLL	firstorder	Variance	511924.2422
wavelet-LLL	firstorder	10Percentile	-1888.585201
wavelet-LLL	firstorder	Kurtosis	1.992497117
wavelet-LLL	firstorder	Mean	-1005.424579
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007818098
wavelet-LLL	glrlm	GrayLevelVariance	816.1556949
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007819953
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015554624
wavelet-LLL	glrlm	RunVariance	0.00980467
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.294916303
wavelet-LLL	glrlm	LongRunEmphasis	1.02994885
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4734.614255
wavelet-LLL	glrlm	RunLengthNonUniformity	144.6672268
wavelet-LLL	glrlm	ShortRunEmphasis	0.992512788
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5019.879911
wavelet-LLL	glrlm	RunPercentage	0.990191017
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.007827376
wavelet-LLL	glrlm	RunEntropy	6.148592875
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4791.667386
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.980390661
wavelet-LLL	glszm	GrayLevelVariance	767.8769822
wavelet-LLL	glszm	ZoneVariance	0.140177515
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015621302
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.759408284
wavelet-LLL	glszm	SizeZoneNonUniformity	98.72307692
wavelet-LLL	glszm	GrayLevelNonUniformity	2.030769231
wavelet-LLL	glszm	LargeAreaEmphasis	1.453846154
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3634.832692
wavelet-LLL	glszm	ZonePercentage	0.872483221
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008950777
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	7938.861538
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4411.392308
wavelet-LLL	glszm	SmallAreaEmphasis	0.89508547

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.008840865
wavelet-LLL	glszm	ZoneEntropy	6.289412332
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008814081
wavelet-LLL	ngtdm	Coarseness	0.027930062
wavelet-LLL	ngtdm	Complexity	48326.65152
wavelet-LLL	ngtdm	Strength	118.0882831
wavelet-LLL	ngtdm	Contrast	4.241022219
wavelet-LLL	ngtdm	Busyness	0.009678787
wavelet-HHL	gldm	GrayLevelVariance	32.20422503
wavelet-HHL	gldm	HighGrayLevelEmphasis	309.0134228
wavelet-HHL	gldm	DependenceEntropy	5.627566531
wavelet-HHL	gldm	DependenceNonUniformity	47.6442953
wavelet-HHL	gldm	GrayLevelNonUniformity	8.543624161
wavelet-HHL	gldm	SmallDependenceEmphasis	0.457795431
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	146.3215904
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.319760371
wavelet-HHL	gldm	LargeDependenceEmphasis	5.44295302
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.036493695
wavelet-HHL	gldm	DependenceVariance	1.197693798
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1577.738255
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009340078
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012369492
wavelet-HHL	glcm	JointAverage	16.64523892
wavelet-HHL	glcm	SumAverage	33.29047784
wavelet-HHL	glcm	JointEntropy	7.055039448
wavelet-HHL	glcm	ClusterShade	15.97570781
wavelet-HHL	glcm	MaximumProbability	0.021641554
wavelet-HHL	glcm	ldmn	0.948523071
wavelet-HHL	glcm	JointEnergy	0.008597498
wavelet-HHL	glcm	Contrast	58.7417352
wavelet-HHL	glcm	DifferenceEntropy	3.824588243
wavelet-HHL	glcm	InverseVariance	0.157706328
wavelet-HHL	glcm	DifferenceVariance	22.21158546
wavelet-HHL	glcm	ldn	0.851684368
wavelet-HHL	glcm	ldm	0.159438073
wavelet-HHL	glcm	Correlation	-0.023537676
wavelet-HHL	glcm	Autocorrelation	276.690348
wavelet-HHL	glcm	SumEntropy	4.628317589
wavelet-HHL	glcm	SumSquares	28.96021776
wavelet-HHL	glcm	ClusterProminence	11299.98936
wavelet-HHL	glcm	lmc2	0.975455246
wavelet-HHL	glcm	lmc1	-0.354649007
wavelet-HHL	glcm	DifferenceAverage	5.956789359
wavelet-HHL	glcm	ld	0.251989972
wavelet-HHL	glcm	ClusterTendency	57.09913586
wavelet-HHL	firstorder	InterquartileRange	178.967969
wavelet-HHL	firstorder	Skewness	0.160785413
wavelet-HHL	firstorder	Uniformity	0.057339759
wavelet-HHL	firstorder	Median	2.287661099
wavelet-HHL	firstorder	Energy	2997243.78
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	73.71230089
wavelet-HHL	firstorder	MeanAbsoluteDeviation	110.5383241

wavelet-HHL	firstorder	TotalEnergy	80925582.05
wavelet-HHL	firstorder	Maximum	354.8960513
wavelet-HHL	firstorder	RootMeanSquared	141.8299336
wavelet-HHL	firstorder	90Percentile	188.8155846
wavelet-HHL	firstorder	Minimum	-376.4187202
wavelet-HHL	firstorder	Entropy	4.361730224
wavelet-HHL	firstorder	Range	731.3147715
wavelet-HHL	firstorder	Variance	20100.82392
wavelet-HHL	firstorder	10Percentile	-158.7687225
wavelet-HHL	firstorder	Kurtosis	3.01848083
wavelet-HHL	firstorder	Mean	3.860847863
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012476959
wavelet-HHL	glrlm	GrayLevelVariance	32.72514963
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.01265714
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.056660937
wavelet-HHL	glrlm	RunVariance	0.041796438
wavelet-HHL	glrlm	GrayLevelNonUniformity	8.098582915
wavelet-HHL	glrlm	LongRunEmphasis	1.12954796
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	300.7411941
wavelet-HHL	glrlm	RunLengthNonUniformity	131.4845694
wavelet-HHL	glrlm	ShortRunEmphasis	0.968241467
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	347.253125
wavelet-HHL	glrlm	RunPercentage	0.959215281
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01338656
wavelet-HHL	glrlm	RunEntropy	4.535408558
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	309.8982811
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.919501348
wavelet-HHL	glszm	GrayLevelVariance	40.58408304
wavelet-HHL	glszm	ZoneVariance	2.044844291
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.049411765
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.417577855
wavelet-HHL	glszm	SizeZoneNonUniformity	35.49411765
wavelet-HHL	glszm	GrayLevelNonUniformity	4.2
wavelet-HHL	glszm	LargeAreaEmphasis	5.117647059
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	212.0331158
wavelet-HHL	glszm	ZonePercentage	0.570469799
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037437621
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1521.870588
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	319.6705882
wavelet-HHL	glszm	SmallAreaEmphasis	0.657615832
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.017576242
wavelet-HHL	glszm	ZoneEntropy	5.466579577
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015639398
wavelet-HHL	ngtdm	Coarseness	0.038884194
wavelet-HHL	ngtdm	Complexity	1118.208983
wavelet-HHL	ngtdm	Strength	7.425974378
wavelet-HHL	ngtdm	Contrast	0.444913986
wavelet-HHL	ngtdm	Busyness	0.072030738
wavelet-HLH	gldm	GrayLevelVariance	19.64983559
wavelet-HLH	gldm	HighGrayLevelEmphasis	212.2818792
wavelet-HLH	gldm	DependenceEntropy	5.412477925
wavelet-HLH	gldm	DependenceNonUniformity	41.22818792



wavelet-HLH	gldm	GrayLevelNonUniformity	11.17449664
wavelet-HLH	gldm	SmallDependenceEmphasis	0.444166667
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	94.5383352
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.276699248
wavelet-HLH	gldm	LargeDependenceEmphasis	5.791946309
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.042494543
wavelet-HLH	gldm	DependenceVariance	1.150668889
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1243.167785
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012090445
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015540112
wavelet-HLH	glcm	JointAverage	13.75091978
wavelet-HLH	glcm	SumAverage	27.50183955
wavelet-HLH	glcm	JointEntropy	6.802275469
wavelet-HLH	glcm	ClusterShade	0.945431775
wavelet-HLH	glcm	MaximumProbability	0.026820463
wavelet-HLH	glcm	Idmn	0.950879429
wavelet-HLH	glcm	JointEnergy	0.010510204
wavelet-HLH	glcm	Contrast	38.9167184
wavelet-HLH	glcm	DifferenceEntropy	3.587575403
wavelet-HLH	glcm	InverseVariance	0.183714981
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wavelet-HLH	glcm	Idn	0.853185705
wavelet-HLH	glcm	Idm	0.180289865
wavelet-HLH	glcm	Correlation	-0.056856104
wavelet-HLH	glcm	Autocorrelation	188.0798853
wavelet-HLH	glcm	SumEntropy	4.339873107
wavelet-HLH	glcm	SumSquares	18.4162526
wavelet-HLH	glcm	ClusterProminence	3870.303239
wavelet-HLH	glcm	Imc2	0.946223533
wavelet-HLH	glcm	Imc1	-0.286936523
wavelet-HLH	glcm	DifferenceAverage	4.904219007
wavelet-HLH	glcm	Id	0.276174229
wavelet-HLH	glcm	ClusterTendency	34.748292
wavelet-HLH	firstorder	InterquartileRange	144.4870492
wavelet-HLH	firstorder	Skewness	0.012364642
wavelet-HLH	firstorder	Uniformity	0.074996622
wavelet-HLH	firstorder	Median	9.217551647
wavelet-HLH	firstorder	Energy	1836733.685
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	58.74901491
wavelet-HLH	firstorder	MeanAbsoluteDeviation	86.20946293
wavelet-HLH	firstorder	TotalEnergy	49591809.5
wavelet-HLH	firstorder	Maximum	322.6886832
wavelet-HLH	firstorder	RootMeanSquared	111.0273467
wavelet-HLH	firstorder	90Percentile	140.0444309
wavelet-HLH	firstorder	Minimum	-310.9465404
wavelet-HLH	firstorder	Entropy	4.036796272
wavelet-HLH	firstorder	Range	633.6352235
wavelet-HLH	firstorder	Variance	12230.49754
wavelet-HLH	firstorder	10Percentile	-136.6578611
wavelet-HLH	firstorder	Kurtosis	3.280119563
wavelet-HLH	firstorder	Mean	9.827215668
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.015795314

wavelet-HLH	glrlm	GrayLevelVariance	20.09001
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.015996991
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.073416274
wavelet-HLH	glrlm	RunVariance	0.047518334
wavelet-HLH	glrlm	GrayLevelNonUniformity	10.45515315
wavelet-HLH	glrlm	LongRunEmphasis	1.144641552
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	204.8636464
wavelet-HLH	glrlm	RunLengthNonUniformity	130.3220894
wavelet-HLH	glrlm	ShortRunEmphasis	0.965695306
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	243.214917
wavelet-HLH	glrlm	RunPercentage	0.955601446
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.016837321
wavelet-HLH	glrlm	RunEntropy	4.248196672
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	212.1947536
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.914259028
wavelet-HLH	glszm	GrayLevelVariance	27.460881
wavelet-HLH	glszm	ZoneVariance	4.979125575
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.056541749
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.449375411
wavelet-HLH	glszm	SizeZoneNonUniformity	35.05128205
wavelet-HLH	glszm	GrayLevelNonUniformity	4.41025641
wavelet-HLH	glszm	LargeAreaEmphasis	8.628205128
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	148.6403188
wavelet-HLH	glszm	ZonePercentage	0.523489933
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.065498442
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1825.076923
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	213.5384615
wavelet-HLH	glszm	SmallAreaEmphasis	0.693438236
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024164738
wavelet-HLH	glszm	ZoneEntropy	5.221380187
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022077225
wavelet-HLH	ngtdm	Coarseness	0.035980905
wavelet-HLH	ngtdm	Complexity	803.5415195
wavelet-HLH	ngtdm	Strength	6.184487199
wavelet-HLH	ngtdm	Contrast	0.262038966
wavelet-HLH	ngtdm	Busyness	0.081949763

Image type	Feature Class	Feature Name	
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general	info	MaskHash	4c6e7ce502cf13410ed237249375f54a09871347
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	752
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original	shape	MinorAxis	33.25166737
original	shape	Elongation	0.903912534
original	shape	SurfaceVolumeRatio	0.21699751
original	shape	Volume	20304
original	shape	MajorAxis	36.78637713
original	shape	SurfaceArea	4405.917445
original	shape	Flatness	0.650297074
original	shape	LeastAxis	23.92207342
original	shape	Maximum2DDiameterColumn	36.61966685
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original	gldm	GrayLevelVariance	111.5326629
original	gldm	HighGrayLevelEmphasis	1123.567819
original	gldm	DependenceEntropy	6.475225617
original	gldm	DependenceNonUniformity	102.412234
original	gldm	GrayLevelNonUniformity	106.2074468
original	gldm	SmallDependenceEmphasis	0.361655736
original	gldm	SmallDependenceHighGrayLevelEmphasis	255.0625061
original	gldm	DependenceNonUniformityNormalized	0.136186481
original	gldm	LargeDependenceEmphasis	86.31914894
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.077987254
original	gldm	DependenceVariance	42.92048863
original	gldm	LargeDependenceHighGrayLevelEmphasis	129669.6609

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.003469408
original	gldm	LowGrayLevelEmphasis	0.006860315
original	glcm	JointAverage	33.98145736
original	glcm	SumAverage	67.96291472
original	glcm	JointEntropy	6.227770774
original	glcm	ClusterShade	-5562.947657
original	glcm	MaximumProbability	0.209482995
original	glcm	Idmn	0.952577063
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original	glcm	DifferenceEntropy	3.735928918
original	glcm	InverseVariance	0.271711684
original	glcm	DifferenceVariance	70.05807618
original	glcm	Idn	0.896454963
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original	glcm	SumEntropy	4.505984609
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original	glcm	ClusterProminence	260525.6689
original	glcm	Imc2	0.873460131
original	glcm	Imc1	-0.21015855
original	glcm	DifferenceAverage	5.921796566
original	glcm	Id	0.459974181
original	glcm	ClusterTendency	219.2395812
original	firstorder	InterquartileRange	308
original	firstorder	Skewness	-1.377684082
original	firstorder	Uniformity	0.141233307
original	firstorder	Median	13
original	firstorder	Energy	67462435
original	firstorder	RobustMeanAbsoluteDeviation	145.8692772
original	firstorder	MeanAbsoluteDeviation	214.5642259
original	firstorder	TotalEnergy	1821485745
original	firstorder	Maximum	88
original	firstorder	RootMeanSquared	299.5174199
original	firstorder	90Percentile	44
original	firstorder	Minimum	-907
original	firstorder	Entropy	3.975588463
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original	firstorder	Kurtosis	3.598555178
original	firstorder	Mean	-142.6077128
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original	glrlm	GrayLevelVariance	123.7544962
original	glrlm	LowGrayLevelRunEmphasis	0.008341422
original	glrlm	GrayLevelNonUniformityNormalized	0.081992406
original	glrlm	RunVariance	0.606606948
original	glrlm	GrayLevelNonUniformity	48.49257096
original	glrlm	LongRunEmphasis	2.2335768
original	glrlm	ShortRunHighGrayLevelEmphasis	837.6053434
original	glrlm	RunLengthNonUniformity	426.8371584
original	glrlm	ShortRunEmphasis	0.872007224

original	glrlm	LongRunHighGrayLevelEmphasis	2866.087281
original	glrlm	RunPercentage	0.785085925
original	glrlm	LongRunLowGrayLevelEmphasis	0.009843295
original	glrlm	RunEntropy	5.075050443
original	glrlm	HighGrayLevelRunEmphasis	1025.005068
original	glrlm	RunLengthNonUniformityNormalized	0.722580707
original	glszm	GrayLevelVariance	116.2337105
original	glszm	ZoneVariance	242.233051
original	glszm	GrayLevelNonUniformityNormalized	0.032787265
original	glszm	SizeZoneNonUniformityNormalized	0.652066269
original	glszm	SizeZoneNonUniformity	191.707483
original	glszm	GrayLevelNonUniformity	9.639455782
original	glszm	LargeAreaEmphasis	248.7755102
original	glszm	SmallAreaHighGrayLevelEmphasis	551.951114
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.193112275
original	glszm	LargeAreaHighGrayLevelEmphasis	373492.3776
original	glszm	HighGrayLevelZoneEmphasis	701.2482993
original	glszm	SmallAreaEmphasis	0.833833461
original	glszm	LowGrayLevelZoneEmphasis	0.011289845
original	glszm	ZoneEntropy	5.831168979
original	glszm	SmallAreaLowGrayLevelEmphasis	0.007617363
original	ngtdm	Coarseness	0.00341542
original	ngtdm	Complexity	4152.083364
original	ngtdm	Strength	7.487589976
original	ngtdm	Contrast	0.72981414
original	ngtdm	Busyness	0.145391433
wavelet-HHH	gldm	GrayLevelVariance	6.431584922
wavelet-HHH	gldm	HighGrayLevelEmphasis	137.6742021
wavelet-HHH	gldm	DependenceEntropy	5.959922103
wavelet-HHH	gldm	DependenceNonUniformity	91.07978723
wavelet-HHH	gldm	GrayLevelNonUniformity	103.6170213
wavelet-HHH	gldm	SmallDependenceEmphasis	0.257711249
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	38.27712439
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.121116738
wavelet-HHH	gldm	LargeDependenceEmphasis	36.19414894
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.282797917
wavelet-HHH	gldm	DependenceVariance	14.13413875
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4810.472074
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004690125
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.010956706
wavelet-HHH	glcm	JointAverage	11.47103269
wavelet-HHH	glcm	SumAverage	22.94206538
wavelet-HHH	glcm	JointEntropy	6.085463509
wavelet-HHH	glcm	ClusterShade	-5.807369551
wavelet-HHH	glcm	MaximumProbability	0.083454368
wavelet-HHH	glcm	Idmn	0.976713574
wavelet-HHH	glcm	JointEnergy	0.029967874
wavelet-HHH	glcm	Contrast	11.38871277
wavelet-HHH	glcm	DifferenceEntropy	2.883820479
wavelet-HHH	glcm	InverseVariance	0.351826094
wavelet-HHH	glcm	DifferenceVariance	5.514668466
wavelet-HHH	glcm	Idn	0.905111331

wavelet-HHH	glcm	Idm	0.378635561
wavelet-HHH	glcm	Correlation	-0.023406864
wavelet-HHH	glcm	Autocorrelation	131.4475722
wavelet-HHH	glcm	SumEntropy	3.637417952
wavelet-HHH	glcm	SumSquares	5.556801625
wavelet-HHH	glcm	ClusterProminence	547.4514722
wavelet-HHH	glcm	Imc2	0.607743098
wavelet-HHH	glcm	Imc1	-0.073685698
wavelet-HHH	glcm	DifferenceAverage	2.411863756
wavelet-HHH	glcm	Id	0.448381695
wavelet-HHH	glcm	ClusterTendency	10.83849373
wavelet-HHH	firstorder	InterquartileRange	58.68807302
wavelet-HHH	firstorder	Skewness	-0.160973875
wavelet-HHH	firstorder	Uniformity	0.137788592
wavelet-HHH	firstorder	Median	0.443603974
wavelet-HHH	firstorder	Energy	2976819.476
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	26.93110044
wavelet-HHH	firstorder	MeanAbsoluteDeviation	45.14920197
wavelet-HHH	firstorder	TotalEnergy	80374125.86
wavelet-HHH	firstorder	Maximum	225.6785985
wavelet-HHH	firstorder	RootMeanSquared	62.91690184
wavelet-HHH	firstorder	90Percentile	73.94178465
wavelet-HHH	firstorder	Minimum	-258.6867885
wavelet-HHH	firstorder	Entropy	3.289691049
wavelet-HHH	firstorder	Range	484.365387
wavelet-HHH	firstorder	Variance	3957.50598
wavelet-HHH	firstorder	10Percentile	-77.93600456
wavelet-HHH	firstorder	Kurtosis	4.420461131
wavelet-HHH	firstorder	Mean	-1.015163765
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.010675313
wavelet-HHH	glrlm	GrayLevelVariance	7.278045718
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.011469198
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.1206389
wavelet-HHH	glrlm	RunVariance	0.241871321
wavelet-HHH	glrlm	GrayLevelNonUniformity	77.85092239
wavelet-HHH	glrlm	LongRunEmphasis	1.603371845
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	124.9961391
wavelet-HHH	glrlm	RunLengthNonUniformity	498.4356013
wavelet-HHH	glrlm	ShortRunEmphasis	0.900024538
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	218.8989416
wavelet-HHH	glrlm	RunPercentage	0.857815057
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.016193307
wavelet-HHH	glrlm	RunEntropy	3.996703305
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	138.3641649
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.772158023
wavelet-HHH	glszm	GrayLevelVariance	16.34037682
wavelet-HHH	glszm	ZoneVariance	241.2738719
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.076577917
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.445342369
wavelet-HHH	glszm	SizeZoneNonUniformity	93.07655502
wavelet-HHH	glszm	GrayLevelNonUniformity	16.00478469
wavelet-HHH	glszm	LargeAreaEmphasis	254.2200957
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	106.6898418

wavelet-HHH	glszm	ZonePercentage	0.277925532
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.932620139
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	34138.68421
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	145.7990431
wavelet-HHH	glszm	SmallAreaEmphasis	0.693815564
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.018046529
wavelet-HHH	glszm	ZoneEntropy	5.264677265
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014711146
wavelet-HHH	ngtdm	Coarseness	0.009543233
wavelet-HHH	ngtdm	Complexity	312.3846505
wavelet-HHH	ngtdm	Strength	1.149812951
wavelet-HHH	ngtdm	Contrast	0.064987353
wavelet-HHH	ngtdm	Busyness	0.352642099
wavelet-HLL	gldm	GrayLevelVariance	47.0250679
wavelet-HLL	gldm	HighGrayLevelEmphasis	401.9867021
wavelet-HLL	gldm	DependenceEntropy	6.809233783
wavelet-HLL	gldm	DependenceNonUniformity	147.4494681
wavelet-HLL	gldm	GrayLevelNonUniformity	40.23404255
wavelet-HLL	gldm	SmallDependenceEmphasis	0.400727407
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	183.9551141
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.19607642
wavelet-HLL	gldm	LargeDependenceEmphasis	22.4893617
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.065658429
wavelet-HLL	gldm	DependenceVariance	11.02681502
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	9206.797872
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004415794
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006936358
wavelet-HLL	glcm	JointAverage	18.43197363
wavelet-HLL	glcm	SumAverage	36.86394726
wavelet-HLL	glcm	JointEntropy	8.071258175
wavelet-HLL	glcm	ClusterShade	519.7536876
wavelet-HLL	glcm	MaximumProbability	0.043982962
wavelet-HLL	glcm	Idmn	0.970029772
wavelet-HLL	glcm	JointEnergy	0.008002055
wavelet-HLL	glcm	Contrast	62.50818245
wavelet-HLL	glcm	DifferenceEntropy	3.89304633
wavelet-HLL	glcm	InverseVariance	0.218787806
wavelet-HLL	glcm	DifferenceVariance	31.69458885
wavelet-HLL	glcm	Idn	0.897161166
wavelet-HLL	glcm	Idm	0.243615826
wavelet-HLL	glcm	Correlation	0.223677819
wavelet-HLL	glcm	Autocorrelation	349.2841472
wavelet-HLL	glcm	SumEntropy	5.090497842
wavelet-HLL	glcm	SumSquares	40.77912745
wavelet-HLL	glcm	ClusterProminence	48413.92711
wavelet-HLL	glcm	Imc2	0.915681868
wavelet-HLL	glcm	Imc1	-0.206662777
wavelet-HLL	glcm	DifferenceAverage	5.400503109
wavelet-HLL	glcm	Id	0.323000546
wavelet-HLL	glcm	ClusterTendency	100.6083273
wavelet-HLL	firstorder	InterquartileRange	170.6615347
wavelet-HLL	firstorder	Skewness	0.390403135
wavelet-HLL	firstorder	Uniformity	0.053502716

wavelet-HLL	firstorder	Median	-38.87825464
wavelet-HLL	firstorder	Energy	23367509.26
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	78.69642953
wavelet-HLL	firstorder	MeanAbsoluteDeviation	126.9629856
wavelet-HLL	firstorder	TotalEnergy	630922749.9
wavelet-HLL	firstorder	Maximum	546.7794299
wavelet-HLL	firstorder	RootMeanSquared	176.2776659
wavelet-HLL	firstorder	90Percentile	190.0265878
wavelet-HLL	firstorder	Minimum	-482.7610312
wavelet-HLL	firstorder	Entropy	4.663374181
wavelet-HLL	firstorder	Range	1029.540461
wavelet-HLL	firstorder	Variance	29344.03725
wavelet-HLL	firstorder	10Percentile	-257.0470297
wavelet-HLL	firstorder	Kurtosis	3.632526768
wavelet-HLL	firstorder	Mean	-41.59060287
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007097496
wavelet-HLL	glrlm	GrayLevelVariance	50.41112279
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.007312503
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.047602552
wavelet-HLL	glrlm	RunVariance	0.144989306
wavelet-HLL	glrlm	GrayLevelNonUniformity	32.5239025
wavelet-HLL	glrlm	LongRunEmphasis	1.359431761
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	379.0097692
wavelet-HLL	glrlm	RunLengthNonUniformity	580.5235504
wavelet-HLL	glrlm	ShortRunEmphasis	0.936784664
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	545.1904443
wavelet-HLL	glrlm	RunPercentage	0.908244681
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.008431452
wavelet-HLL	glrlm	RunEntropy	5.124058419
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	403.2289614
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.849235191
wavelet-HLL	glszm	GrayLevelVariance	75.38931475
wavelet-HLL	glszm	ZoneVariance	33.29194662
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033095533
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.493277081
wavelet-HLL	glszm	SizeZoneNonUniformity	171.167147
wavelet-HLL	glszm	GrayLevelNonUniformity	11.48414986
wavelet-HLL	glszm	LargeAreaEmphasis	37.98847262
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	350.3877446
wavelet-HLL	glszm	ZonePercentage	0.46143617
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.108949477
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	15358.24207
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	445.314121
wavelet-HLL	glszm	SmallAreaEmphasis	0.729857752
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.010415185
wavelet-HLL	glszm	ZoneEntropy	6.22352104
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008887933
wavelet-HLL	ngtdm	Coarseness	0.010681858
wavelet-HLL	ngtdm	Complexity	2342.141054
wavelet-HLL	ngtdm	Strength	4.955721272
wavelet-HLL	ngtdm	Contrast	0.239743641
wavelet-HLL	ngtdm	Busyness	0.119504693
wavelet-LHL	gldm	GrayLevelVariance	79.33281462



wavelet-LHL	gldm	HighGrayLevelEmphasis	1272.888298
wavelet-LHL	gldm	DependenceEntropy	6.857214657
wavelet-LHL	gldm	DependenceNonUniformity	180.6781915
wavelet-LHL	gldm	GrayLevelNonUniformity	35.1037234
wavelet-LHL	gldm	SmallDependenceEmphasis	0.486490587
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	621.6786849
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.240263553
wavelet-LHL	gldm	LargeDependenceEmphasis	21.48670213
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018295885
wavelet-LHL	gldm	DependenceVariance	11.75429352
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	28726.34574
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002242724
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002694982
wavelet-LHL	glcm	JointAverage	34.38171073
wavelet-LHL	glcm	SumAverage	68.76342146
wavelet-LHL	glcm	JointEntropy	8.369932635
wavelet-LHL	glcm	ClusterShade	26.44464404
wavelet-LHL	glcm	MaximumProbability	0.050486553
wavelet-LHL	glcm	Idmn	0.977703608
wavelet-LHL	glcm	JointEnergy	0.007417992
wavelet-LHL	glcm	Contrast	103.2409477
wavelet-LHL	glcm	DifferenceEntropy	4.221433175
wavelet-LHL	glcm	InverseVariance	0.199299025
wavelet-LHL	glcm	DifferenceVariance	53.25215432
wavelet-LHL	glcm	Idn	0.911088149
wavelet-LHL	glcm	Idm	0.218339237
wavelet-LHL	glcm	Correlation	0.210261246
wavelet-LHL	glcm	Autocorrelation	1196.467795
wavelet-LHL	glcm	SumEntropy	5.410764807
wavelet-LHL	glcm	SumSquares	65.96734719
wavelet-LHL	glcm	ClusterProminence	113420.8672
wavelet-LHL	glcm	Imc2	0.949789922
wavelet-LHL	glcm	Imc1	-0.246505664
wavelet-LHL	glcm	DifferenceAverage	6.914627884
wavelet-LHL	glcm	Id	0.293665498
wavelet-LHL	glcm	ClusterTendency	160.6284411
wavelet-LHL	firstorder	InterquartileRange	203.677331
wavelet-LHL	firstorder	Skewness	-0.076392619
wavelet-LHL	firstorder	Uniformity	0.046680483
wavelet-LHL	firstorder	Median	-29.82212217
wavelet-LHL	firstorder	Energy	39009877.03
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	98.89588321
wavelet-LHL	firstorder	MeanAbsoluteDeviation	162.0373433
wavelet-LHL	firstorder	TotalEnergy	1053266680
wavelet-LHL	firstorder	Maximum	679.4550416
wavelet-LHL	firstorder	RootMeanSquared	227.7604805
wavelet-LHL	firstorder	90Percentile	235.7317805
wavelet-LHL	firstorder	Minimum	-892.7755565
wavelet-LHL	firstorder	Entropy	4.966976058
wavelet-LHL	firstorder	Range	1572.230598
wavelet-LHL	firstorder	Variance	49466.99663
wavelet-LHL	firstorder	10Percentile	-322.2597811
wavelet-LHL	firstorder	Kurtosis	4.103824879

wavelet-LHL	firstorder	Mean	-49.06974469
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002820124
wavelet-LHL	glrlm	GrayLevelVariance	84.92878743
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002864181
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.040291435
wavelet-LHL	glrlm	RunVariance	0.134758846
wavelet-LHL	glrlm	GrayLevelNonUniformity	27.84344721
wavelet-LHL	glrlm	LongRunEmphasis	1.322193774
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1198.764728
wavelet-LHL	glrlm	RunLengthNonUniformity	601.3974899
wavelet-LHL	glrlm	ShortRunEmphasis	0.945899387
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1693.965256
wavelet-LHL	glrlm	RunPercentage	0.918473813
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.003119617
wavelet-LHL	glrlm	RunEntropy	5.383419713
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1269.371636
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.870080703
wavelet-LHL	glszm	GrayLevelVariance	122.6190063
wavelet-LHL	glszm	ZoneVariance	23.97884996
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027779604
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.589971366
wavelet-LHL	glszm	SizeZoneNonUniformity	241.2982885
wavelet-LHL	glszm	GrayLevelNonUniformity	11.36185819
wavelet-LHL	glszm	LargeAreaEmphasis	27.3594132
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1021.667053
wavelet-LHL	glszm	ZonePercentage	0.543882979
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.024329414
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	36307.72616
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1272.973105
wavelet-LHL	glszm	SmallAreaEmphasis	0.795787026
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004231972
wavelet-LHL	glszm	ZoneEntropy	6.331109938
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004030362
wavelet-LHL	ngtdm	Coarseness	0.00956635
wavelet-LHL	ngtdm	Complexity	7439.240169
wavelet-LHL	ngtdm	Strength	11.40408749
wavelet-LHL	ngtdm	Contrast	0.24888911
wavelet-LHL	ngtdm	Busyness	0.041994972
wavelet-LHH	gldm	GrayLevelVariance	27.34771814
wavelet-LHH	gldm	HighGrayLevelEmphasis	788.7260638
wavelet-LHH	gldm	DependenceEntropy	6.492158352
wavelet-LHH	gldm	DependenceNonUniformity	135.8909574
wavelet-LHH	gldm	GrayLevelNonUniformity	59.70478723
wavelet-LHH	gldm	SmallDependenceEmphasis	0.403567152
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	346.1815617
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.18070606
wavelet-LHH	gldm	LargeDependenceEmphasis	26.61170213
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.037870246
wavelet-LHH	gldm	DependenceVariance	12.50928022
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	19732.26596
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001960969
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.002831052
wavelet-LHH	glcm	JointAverage	27.58766671

wavelet-LHH	glcm	SumAverage	55.17533341
wavelet-LHH	glcm	JointEntropy	7.513895936
wavelet-LHH	glcm	ClusterShade	23.67486101
wavelet-LHH	glcm	MaximumProbability	0.067640601
wavelet-LHH	glcm	Idmn	0.980101714
wavelet-LHH	glcm	JointEnergy	0.014051178
wavelet-LHH	glcm	Contrast	51.09272099
wavelet-LHH	glcm	DifferenceEntropy	3.759947574
wavelet-LHH	glcm	InverseVariance	0.257722449
wavelet-LHH	glcm	DifferenceVariance	27.1730165
wavelet-LHH	glcm	Idn	0.916694764
wavelet-LHH	glcm	Idm	0.281313261
wavelet-LHH	glcm	Correlation	-0.009041713
wavelet-LHH	glcm	Autocorrelation	760.8603054
wavelet-LHH	glcm	SumEntropy	4.605282631
wavelet-LHH	glcm	SumSquares	25.32140808
wavelet-LHH	glcm	ClusterProminence	14348.75712
wavelet-LHH	glcm	Imc2	0.858636357
wavelet-LHH	glcm	Imc1	-0.165262784
wavelet-LHH	glcm	DifferenceAverage	4.818420432
wavelet-LHH	glcm	Id	0.354654434
wavelet-LHH	glcm	ClusterTendency	50.19291131
wavelet-LHH	firstorder	InterquartileRange	113.3486683
wavelet-LHH	firstorder	Skewness	-0.053465732
wavelet-LHH	firstorder	Uniformity	0.079394664
wavelet-LHH	firstorder	Median	-5.459321907
wavelet-LHH	firstorder	Energy	12877207.13
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	50.97987281
wavelet-LHH	firstorder	MeanAbsoluteDeviation	90.45692149
wavelet-LHH	firstorder	TotalEnergy	347684592.4
wavelet-LHH	firstorder	Maximum	516.6995442
wavelet-LHH	firstorder	RootMeanSquared	130.8584947
wavelet-LHH	firstorder	90Percentile	164.2774771
wavelet-LHH	firstorder	Minimum	-671.1256865
wavelet-LHH	firstorder	Entropy	4.211548305
wavelet-LHH	firstorder	Range	1187.825231
wavelet-LHH	firstorder	Variance	17119.49462
wavelet-LHH	firstorder	10Percentile	-140.0027607
wavelet-LHH	firstorder	Kurtosis	5.265237721
wavelet-LHH	firstorder	Mean	2.109746383
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002900683
wavelet-LHH	glrlm	GrayLevelVariance	30.07137802
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.003002342
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.067587595
wavelet-LHH	glrlm	RunVariance	0.172982179
wavelet-LHH	glrlm	GrayLevelNonUniformity	45.45142183
wavelet-LHH	glrlm	LongRunEmphasis	1.425539779
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	740.488659
wavelet-LHH	glrlm	RunLengthNonUniformity	557.1309106
wavelet-LHH	glrlm	ShortRunEmphasis	0.927180759
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1109.225579
wavelet-LHH	glrlm	RunPercentage	0.894026187
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.003592687

wavelet-LHH	glrlm	RunEntropy	4.759826442
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	794.4794531
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.828307152
wavelet-LHH	glszm	GrayLevelVariance	50.06324775
wavelet-LHH	glszm	ZoneVariance	67.82718194
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04324609
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.578052679
wavelet-LHH	glszm	SizeZoneNonUniformity	190.1793313
wavelet-LHH	glszm	GrayLevelNonUniformity	14.22796353
wavelet-LHH	glszm	LargeAreaEmphasis	73.05167173
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	691.0018396
wavelet-LHH	glszm	ZonePercentage	0.4375
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.102629503
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	54142.15805
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	850.8328267
wavelet-LHH	glszm	SmallAreaEmphasis	0.786916163
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004620316
wavelet-LHH	glszm	ZoneEntropy	5.816262472
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.00427329
wavelet-LHH	ngtdm	Coarseness	0.010167768
wavelet-LHH	ngtdm	Complexity	2060.839577
wavelet-LHH	ngtdm	Strength	4.175597391
wavelet-LHH	ngtdm	Contrast	0.153753427
wavelet-LHH	ngtdm	Busyness	0.076953298
wavelet-LLH	gldm	GrayLevelVariance	76.27116165
wavelet-LLH	gldm	HighGrayLevelEmphasis	1086.107713
wavelet-LLH	gldm	DependenceEntropy	6.871673426
wavelet-LLH	gldm	DependenceNonUniformity	173.1941489
wavelet-LLH	gldm	GrayLevelNonUniformity	37.58776596
wavelet-LLH	gldm	SmallDependenceEmphasis	0.46935657
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	525.0849342
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.230311368
wavelet-LLH	gldm	LargeDependenceEmphasis	18.76861702
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.019549195
wavelet-LLH	gldm	DependenceVariance	9.135518051
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	20661.34707
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002129315
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002761727
wavelet-LLH	glcm	JointAverage	31.47821963
wavelet-LLH	glcm	SumAverage	62.95643926
wavelet-LLH	glcm	JointEntropy	8.227537952
wavelet-LLH	glcm	ClusterShade	1298.021137
wavelet-LLH	glcm	MaximumProbability	0.043561398
wavelet-LLH	glcm	Idmn	0.97508993
wavelet-LLH	glcm	JointEnergy	0.008209902
wavelet-LLH	glcm	Contrast	115.2922458
wavelet-LLH	glcm	DifferenceEntropy	4.194395276
wavelet-LLH	glcm	InverseVariance	0.216485142
wavelet-LLH	glcm	DifferenceVariance	65.35940152
wavelet-LLH	glcm	Idn	0.910382896
wavelet-LLH	glcm	Idm	0.226464074
wavelet-LLH	glcm	Correlation	0.163959765
wavelet-LLH	glcm	Autocorrelation	1003.184909

wavelet-LLH	glcm	SumEntropy	5.292286503
wavelet-LLH	glcm	SumSquares	69.93467079
wavelet-LLH	glcm	ClusterProminence	164480.0527
wavelet-LLH	glcm	Imc2	0.958276515
wavelet-LLH	glcm	Imc1	-0.267196735
wavelet-LLH	glcm	DifferenceAverage	6.892585014
wavelet-LLH	glcm	Id	0.300995412
wavelet-LLH	glcm	ClusterTendency	164.4464374
wavelet-LLH	firstorder	InterquartileRange	186.9464009
wavelet-LLH	firstorder	Skewness	0.332506265
wavelet-LLH	firstorder	Uniformity	0.049983731
wavelet-LLH	firstorder	Median	-29.35163162
wavelet-LLH	firstorder	Energy	37201302.58
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	88.09302417
wavelet-LLH	firstorder	MeanAbsoluteDeviation	153.5313706
wavelet-LLH	firstorder	TotalEnergy	1004435170
wavelet-LLH	firstorder	Maximum	724.1689015
wavelet-LLH	firstorder	RootMeanSquared	222.4181136
wavelet-LLH	firstorder	90Percentile	219.7899988
wavelet-LLH	firstorder	Minimum	-800.2015953
wavelet-LLH	firstorder	Entropy	4.912797722
wavelet-LLH	firstorder	Range	1524.370497
wavelet-LLH	firstorder	Variance	47634.86583
wavelet-LLH	firstorder	10Percentile	-305.3631529
wavelet-LLH	firstorder	Kurtosis	4.620843902
wavelet-LLH	firstorder	Mean	-42.83633316
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002860007
wavelet-LLH	glrlm	GrayLevelVariance	81.43172865
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002917224
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.043793214
wavelet-LLH	glrlm	RunVariance	0.129329007
wavelet-LLH	glrlm	GrayLevelNonUniformity	30.29492189
wavelet-LLH	glrlm	LongRunEmphasis	1.316678804
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1026.897317
wavelet-LLH	glrlm	RunLengthNonUniformity	600.8272207
wavelet-LLH	glrlm	ShortRunEmphasis	0.945031441
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1431.397008
wavelet-LLH	glrlm	RunPercentage	0.919087561
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00323346
wavelet-LLH	glrlm	RunEntropy	5.336961864
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1086.188882
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.868149567
wavelet-LLH	glszm	GrayLevelVariance	115.0014194
wavelet-LLH	glszm	ZoneVariance	30.62838417
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029611266
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.583728521
wavelet-LLH	glszm	SizeZoneNonUniformity	228.2378517
wavelet-LLH	glszm	GrayLevelNonUniformity	11.57800512
wavelet-LLH	glszm	LargeAreaEmphasis	34.32736573
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	895.488011
wavelet-LLH	glszm	ZonePercentage	0.519946809
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.034935729
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	38165.03581

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1113.787724
wavelet-LLH	glszm	SmallAreaEmphasis	0.791547259
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004257419
wavelet-LLH	glszm	ZoneEntropy	6.335788794
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003944559
wavelet-LLH	ngtdm	Coarseness	0.009886778
wavelet-LLH	ngtdm	Complexity	6709.645802
wavelet-LLH	ngtdm	Strength	10.47033695
wavelet-LLH	ngtdm	Contrast	0.245465194
wavelet-LLH	ngtdm	Busyness	0.045053482
wavelet-LLL	gldm	GrayLevelVariance	661.8051844
wavelet-LLL	gldm	HighGrayLevelEmphasis	6119.517287
wavelet-LLL	gldm	DependenceEntropy	7.290686721
wavelet-LLL	gldm	DependenceNonUniformity	278.6914894
wavelet-LLL	gldm	GrayLevelNonUniformity	17.81914894
wavelet-LLL	gldm	SmallDependenceEmphasis	0.632338684
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2970.917475
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.370600385
wavelet-LLL	gldm	LargeDependenceEmphasis	14.87234043
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003746342
wavelet-LLL	gldm	DependenceVariance	8.60903548
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	132413.6476
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002110338
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002166524
wavelet-LLL	glcm	JointAverage	79.9172852
wavelet-LLL	glcm	SumAverage	159.8345704
wavelet-LLL	glcm	JointEntropy	9.103740906
wavelet-LLL	glcm	ClusterShade	-67747.87586
wavelet-LLL	glcm	MaximumProbability	0.0238468
wavelet-LLL	glcm	Idmn	0.959996794
wavelet-LLL	glcm	JointEnergy	0.003746789
wavelet-LLL	glcm	Contrast	518.307683
wavelet-LLL	glcm	DifferenceEntropy	5.243723986
wavelet-LLL	glcm	InverseVariance	0.143654461
wavelet-LLL	glcm	DifferenceVariance	266.5037266
wavelet-LLL	glcm	Idn	0.884291808
wavelet-LLL	glcm	Idm	0.156446984
wavelet-LLL	glcm	Correlation	0.497859539
wavelet-LLL	glcm	Autocorrelation	6643.576444
wavelet-LLL	glcm	SumEntropy	6.483496539
wavelet-LLL	glcm	SumSquares	515.6358792
wavelet-LLL	glcm	ClusterProminence	8372915.901
wavelet-LLL	glcm	Imc2	0.9949179
wavelet-LLL	glcm	Imc1	-0.4036912
wavelet-LLL	glcm	DifferenceAverage	15.70708495
wavelet-LLL	glcm	Id	0.217343407
wavelet-LLL	glcm	ClusterTendency	1544.235834
wavelet-LLL	firstorder	InterquartileRange	1015.003734
wavelet-LLL	firstorder	Skewness	-0.868762649
wavelet-LLL	firstorder	Uniformity	0.023695677
wavelet-LLL	firstorder	Median	-227.8013048
wavelet-LLL	firstorder	Energy	456860448.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	415.8188831

wavelet-LLL	firstorder	MeanAbsoluteDeviation	543.7638613
wavelet-LLL	firstorder	TotalEnergy	12335232109
wavelet-LLL	firstorder	Maximum	335.3680888
wavelet-LLL	firstorder	RootMeanSquared	779.440307
wavelet-LLL	firstorder	90Percentile	169.5940756
wavelet-LLL	firstorder	Minimum	-2254.594011
wavelet-LLL	firstorder	Entropy	6.039968891
wavelet-LLL	firstorder	Range	2589.9621
wavelet-LLL	firstorder	Variance	413333.3221
wavelet-LLL	firstorder	10Percentile	-1421.984497
wavelet-LLL	firstorder	Kurtosis	2.665961181
wavelet-LLL	firstorder	Mean	-440.6743355
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002287496
wavelet-LLL	glrlm	GrayLevelVariance	669.9358191
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002292376
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020347181
wavelet-LLL	glrlm	RunVariance	0.085641534
wavelet-LLL	glrlm	GrayLevelNonUniformity	14.42527533
wavelet-LLL	glrlm	LongRunEmphasis	1.212892247
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5594.764649
wavelet-LLL	glrlm	RunLengthNonUniformity	641.3870966
wavelet-LLL	glrlm	ShortRunEmphasis	0.961286168
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	7864.182061
wavelet-LLL	glrlm	RunPercentage	0.942205401
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002318209
wavelet-LLL	glrlm	RunEntropy	6.347040583
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5941.869999
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.904978832
wavelet-LLL	glszm	GrayLevelVariance	642.798124
wavelet-LLL	glszm	ZoneVariance	12.801984
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.012968
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.761488
wavelet-LLL	glszm	SizeZoneNonUniformity	380.744
wavelet-LLL	glszm	GrayLevelNonUniformity	6.484
wavelet-LLL	glszm	LargeAreaEmphasis	15.064
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3990.935939
wavelet-LLL	glszm	ZonePercentage	0.664893617
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004756981
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	134349.23
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4786.81
wavelet-LLL	glszm	SmallAreaEmphasis	0.892352912
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003187333
wavelet-LLL	glszm	ZoneEntropy	6.860021522
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003163409
wavelet-LLL	ngtdm	Coarseness	0.00785797
wavelet-LLL	ngtdm	Complexity	46170.31023
wavelet-LLL	ngtdm	Strength	45.60725885
wavelet-LLL	ngtdm	Contrast	1.484025108
wavelet-LLL	ngtdm	Busyness	0.013605081
wavelet-HHL	gldm	GrayLevelVariance	13.07286774
wavelet-HHL	gldm	HighGrayLevelEmphasis	231.5385638
wavelet-HHL	gldm	DependenceEntropy	6.335281536
wavelet-HHL	gldm	DependenceNonUniformity	106.3404255

wavelet-HHL	gldm	GrayLevelNonUniformity	77.99202128
wavelet-HHL	gldm	SmallDependenceEmphasis	0.339821198
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	85.56130097
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.14141014
wavelet-HHL	gldm	LargeDependenceEmphasis	33.57712766
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.170941528
wavelet-HHL	gldm	DependenceVariance	14.99093906
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	6884.235372
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003947779
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007398583
wavelet-HHL	glcm	JointAverage	14.75059075
wavelet-HHL	glcm	SumAverage	29.50118151
wavelet-HHL	glcm	JointEntropy	6.786218449
wavelet-HHL	glcm	ClusterShade	47.25215134
wavelet-HHL	glcm	MaximumProbability	0.083028802
wavelet-HHL	glcm	Idmn	0.976592949
wavelet-HHL	glcm	JointEnergy	0.02059272
wavelet-HHL	glcm	Contrast	22.05805582
wavelet-HHL	glcm	DifferenceEntropy	3.270556995
wavelet-HHL	glcm	InverseVariance	0.298865389
wavelet-HHL	glcm	DifferenceVariance	11.1286445
wavelet-HHL	glcm	Idn	0.907314182
wavelet-HHL	glcm	Idm	0.331428541
wavelet-HHL	glcm	Correlation	0.014565184
wavelet-HHL	glcm	Autocorrelation	217.7679178
wavelet-HHL	glcm	SumEntropy	4.108006693
wavelet-HHL	glcm	SumSquares	11.20318096
wavelet-HHL	glcm	ClusterProminence	2555.921597
wavelet-HHL	glcm	Imc2	0.73423917
wavelet-HHL	glcm	Imc1	-0.110429354
wavelet-HHL	glcm	DifferenceAverage	3.269220891
wavelet-HHL	glcm	Id	0.405384828
wavelet-HHL	glcm	ClusterTendency	22.75466801
wavelet-HHL	firstorder	InterquartileRange	86.60724966
wavelet-HHL	firstorder	Skewness	0.233606783
wavelet-HHL	firstorder	Uniformity	0.103712794
wavelet-HHL	firstorder	Median	-1.824035271
wavelet-HHL	firstorder	Energy	6130259.171
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	38.40218524
wavelet-HHL	firstorder	MeanAbsoluteDeviation	64.73907634
wavelet-HHL	firstorder	TotalEnergy	165516997.6
wavelet-HHL	firstorder	Maximum	353.0871088
wavelet-HHL	firstorder	RootMeanSquared	90.2880966
wavelet-HHL	firstorder	90Percentile	124.2458052
wavelet-HHL	firstorder	Minimum	-339.7239818
wavelet-HHL	firstorder	Entropy	3.753318881
wavelet-HHL	firstorder	Range	692.8110906
wavelet-HHL	firstorder	Variance	8102.113203
wavelet-HHL	firstorder	10Percentile	-87.75289378
wavelet-HHL	firstorder	Kurtosis	4.419984924
wavelet-HHL	firstorder	Mean	7.058837336
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007293862
wavelet-HHL	glrlm	GrayLevelVariance	14.56014599



wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.00774116
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.089019136
wavelet-HHL	glrlm	RunVariance	0.222948469
wavelet-HHL	glrlm	GrayLevelNonUniformity	58.43495975
wavelet-HHL	glrlm	LongRunEmphasis	1.539044166
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	216.3026205
wavelet-HHL	glrlm	RunLengthNonUniformity	523.2924758
wavelet-HHL	glrlm	ShortRunEmphasis	0.912059852
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	347.0099254
wavelet-HHL	glrlm	RunPercentage	0.8726473
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.010463271
wavelet-HHL	glrlm	RunEntropy	4.391766094
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	234.8137778
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.796651987
wavelet-HHL	glszm	GrayLevelVariance	25.78492461
wavelet-HHL	glszm	ZoneVariance	122.8617401
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.058900314
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.563775374
wavelet-HHL	glszm	SizeZoneNonUniformity	154.4744526
wavelet-HHL	glszm	GrayLevelNonUniformity	16.13868613
wavelet-HHL	glszm	LargeAreaEmphasis	130.3941606
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	197.7974385
wavelet-HHL	glszm	ZonePercentage	0.364361702
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.653039764
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	26740.5
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	253.310219
wavelet-HHL	glszm	SmallAreaEmphasis	0.777740229
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.011298929
wavelet-HHL	glszm	ZoneEntropy	5.412554165
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009984976
wavelet-HHL	ngtdm	Coarseness	0.009700232
wavelet-HHL	ngtdm	Complexity	759.9341206
wavelet-HHL	ngtdm	Strength	2.096527826
wavelet-HHL	ngtdm	Contrast	0.097840666
wavelet-HHL	ngtdm	Busyness	0.206292563
wavelet-HLH	gldm	GrayLevelVariance	14.56201901
wavelet-HLH	gldm	HighGrayLevelEmphasis	355.2393617
wavelet-HLH	gldm	DependenceEntropy	6.30948509
wavelet-HLH	gldm	DependenceNonUniformity	101.8191489
wavelet-HLH	gldm	GrayLevelNonUniformity	77.49734043
wavelet-HLH	gldm	SmallDependenceEmphasis	0.302890031
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	113.7991472
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.135397804
wavelet-HLH	gldm	LargeDependenceEmphasis	31.0106383
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097353382
wavelet-HLH	gldm	DependenceVariance	12.83492955
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	10487.15426
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002968685
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.005340939
wavelet-HLH	glcm	JointAverage	18.52862823
wavelet-HLH	glcm	SumAverage	37.05725647
wavelet-HLH	glcm	JointEntropy	6.808136619
wavelet-HLH	glcm	ClusterShade	-100.6096236

wavelet-HLH	glcm	MaximumProbability	0.070086266
wavelet-HLH	glcm	Idmn	0.975061127
wavelet-HLH	glcm	JointEnergy	0.020320659
wavelet-HLH	glcm	Contrast	24.20762352
wavelet-HLH	glcm	DifferenceEntropy	3.296366652
wavelet-HLH	glcm	InverseVariance	0.306573097
wavelet-HLH	glcm	DifferenceVariance	12.87992159
wavelet-HLH	glcm	Idn	0.906382225
wavelet-HLH	glcm	Idm	0.332648118
wavelet-HLH	glcm	Correlation	0.029670884
wavelet-HLH	glcm	Autocorrelation	343.7295889
wavelet-HLH	glcm	SumEntropy	4.13501351
wavelet-HLH	glcm	SumSquares	12.51788639
wavelet-HLH	glcm	ClusterProminence	5066.253
wavelet-HLH	glcm	Imc2	0.756674896
wavelet-HLH	glcm	Imc1	-0.119186416
wavelet-HLH	glcm	DifferenceAverage	3.336186575
wavelet-HLH	glcm	Id	0.405356521
wavelet-HLH	glcm	ClusterTendency	25.86392204
wavelet-HLH	firstorder	InterquartileRange	81.40271786
wavelet-HLH	firstorder	Skewness	-0.664716759
wavelet-HLH	firstorder	Uniformity	0.103054974
wavelet-HLH	firstorder	Median	-0.280169572
wavelet-HLH	firstorder	Energy	6783059.678
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	36.58420985
wavelet-HLH	firstorder	MeanAbsoluteDeviation	64.89390108
wavelet-HLH	firstorder	TotalEnergy	183142611.3
wavelet-HLH	firstorder	Maximum	272.9680832
wavelet-HLH	firstorder	RootMeanSquared	94.97381833
wavelet-HLH	firstorder	90Percentile	116.5991283
wavelet-HLH	firstorder	Minimum	-426.7516284
wavelet-HLH	firstorder	Entropy	3.774925969
wavelet-HLH	firstorder	Range	699.7197116
wavelet-HLH	firstorder	Variance	9019.049739
wavelet-HLH	firstorder	10Percentile	-108.0547246
wavelet-HLH	firstorder	Kurtosis	5.807163268
wavelet-HLH	firstorder	Mean	-0.988144466
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005372659
wavelet-HLH	glrlm	GrayLevelVariance	16.22296404
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.005653404
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.08935985
wavelet-HLH	glrlm	RunVariance	0.20793737
wavelet-HLH	glrlm	GrayLevelNonUniformity	58.7771855
wavelet-HLH	glrlm	LongRunEmphasis	1.517730102
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	327.4466914
wavelet-HLH	glrlm	RunLengthNonUniformity	524.9280704
wavelet-HLH	glrlm	ShortRunEmphasis	0.912521805
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	533.1460259
wavelet-HLH	glrlm	RunPercentage	0.874488543
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007283037
wavelet-HLH	glrlm	RunEntropy	4.412448453
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	357.3554296
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.79763437

wavelet-HLH	glszm	GrayLevelVariance	31.78777715
wavelet-HLH	glszm	ZoneVariance	134.4600655
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.056846813
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.473418997
wavelet-HLH	glszm	SizeZoneNonUniformity	119.3015873
wavelet-HLH	glszm	GrayLevelNonUniformity	14.32539683
wavelet-HLH	glszm	LargeAreaEmphasis	143.3650794
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	273.7021368
wavelet-HLH	glszm	ZonePercentage	0.335106383
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.431772658
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	48926.11905
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	375.6547619
wavelet-HLH	glszm	SmallAreaEmphasis	0.71497925
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.009353897
wavelet-HLH	glszm	ZoneEntropy	5.732801055
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008189911
wavelet-HLH	ngtdm	Coarseness	0.010021338
wavelet-HLH	ngtdm	Complexity	863.2733443
wavelet-HLH	ngtdm	Strength	2.503504162
wavelet-HLH	ngtdm	Contrast	0.102868335
wavelet-HLH	ngtdm	Busyness	0.147892147

Image type	Feature Class	Feature Name	Value
general	info	BoundingBox	511: RTSTRUCT: C99-DNU-A_segment_ITV lateral (0, 0, 1, 5, 5, 6)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
general	info	GeneralSettings	{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	ImageHash	b8d9640307bf5b7a55a3543377fbbfbb1c3229d7 (0.9765624999999998, 0.9765624999999998, 1.9999999999999999)
general	info	ImageSpacing	1.9999999999999999
general	info	MaskHash	1eeab1277acfd14ccaa6383913e4cf63e6f26415
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	76
original	shape	Maximum3DDiameter	17.49285568
original	shape	Maximum2DDiameterSlice	13.41640786
original	shape	Sphericity	0.916184329
original	shape	MinorAxis	13.23977008
original	shape	Elongation	0.755224989
original	shape	SurfaceVolumeRatio	0.415376714
original	shape	Volume	2052
original	shape	MajorAxis	17.53089513
original	shape	SurfaceArea	852.3530176
original	shape	Flatness	0.697909665
original	shape	LeastAxis	12.23498115
original	shape	Maximum2DDiameterColumn	16.15549442
original	shape	Maximum2DDiameterRow	17.49285568
original	gldm	GrayLevelVariance	89.10526316
original	gldm	HighGrayLevelEmphasis	573.1052632
original	gldm	DependenceEntropy	5.435105967
original	gldm	DependenceNonUniformity	24.81578947
original	gldm	GrayLevelNonUniformity	3.868421053
original	gldm	SmallDependenceEmphasis	0.563047931
original	gldm	SmallDependenceHighGrayLevelEmphasis	247.4760481
original	gldm	DependenceNonUniformityNormalized	0.326523546
original	gldm	LargeDependenceEmphasis	7.236842105
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.042884176
original	gldm	DependenceVariance	2.693213296
original	gldm	LargeDependenceHighGrayLevelEmphasis	6482.710526
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.032611268
original	gldm	LowGrayLevelEmphasis	0.033789137
original	glcm	JointAverage	24.62166416
original	glcm	SumAverage	49.24332833
original	glcm	JointEntropy	6.124452839
original	glcm	ClusterShade	-1333.38296
original	glcm	MaximumProbability	0.044832394
original	glcm	Idmn	0.909392965
original	glcm	JointEnergy	0.016104767
original	glcm	Contrast	141.104655
original	glcm	DifferenceEntropy	4.02898767

original	glcm	InverseVariance	0.175312059
original	glcm	DifferenceVariance	62.60795347
original	glcm	Idn	0.819552397
original	glcm	Idm	0.17310234
original	glcm	Correlation	0.095007797
original	glcm	Autocorrelation	613.3577813
original	glcm	SumEntropy	4.631296778
original	glcm	SumSquares	77.61016235
original	glcm	ClusterProminence	73067.72831
original	glcm	Imc2	0.995599003
original	glcm	Imc1	-0.559183183
original	glcm	DifferenceAverage	8.799165384
original	glcm	Id	0.245455885
original	glcm	ClusterTendency	169.3359944
original	firstorder	InterquartileRange	428.5
original	firstorder	Skewness	-0.508014499
original	firstorder	Uniformity	0.050900277
original	firstorder	Median	-211.5
original	firstorder	Energy	8486500
original	firstorder	RobustMeanAbsoluteDeviation	164.6804622
original	firstorder	MeanAbsoluteDeviation	204.8033241
original	firstorder	TotalEnergy	229135500
original	firstorder	Maximum	55
original	firstorder	RootMeanSquared	334.1623463
original	firstorder	90Percentile	23
original	firstorder	Minimum	-770
original	firstorder	Entropy	4.56651033
original	firstorder	Range	825
original	firstorder	Variance	55433.08795
original	firstorder	10Percentile	-546.5
original	firstorder	Kurtosis	2.060449577
original	firstorder	Mean	-237.1315789
original	glrlm	ShortRunLowGrayLevelEmphasis	0.035205457
original	glrlm	GrayLevelVariance	88.8116707
original	glrlm	LowGrayLevelRunEmphasis	0.035268952
original	glrlm	GrayLevelNonUniformityNormalized	0.048286374
original	glrlm	RunVariance	0.047631151
original	glrlm	GrayLevelNonUniformity	3.512890361
original	glrlm	LongRunEmphasis	1.143390137
original	glrlm	ShortRunHighGrayLevelEmphasis	529.5505852
original	glrlm	RunLengthNonUniformity	66.76275285
original	glrlm	ShortRunEmphasis	0.966560074
original	glrlm	LongRunHighGrayLevelEmphasis	685.7936859
original	glrlm	RunPercentage	0.956477733
original	glrlm	LongRunLowGrayLevelEmphasis	0.035532336
original	glrlm	RunEntropy	4.724548515
original	glrlm	HighGrayLevelRunEmphasis	558.8268929
original	glrlm	RunLengthNonUniformityNormalized	0.917006327
original	glszm	GrayLevelVariance	84.02165764
original	glszm	ZoneVariance	1.920866306
original	glszm	GrayLevelNonUniformityNormalized	0.04123282
original	glszm	SizeZoneNonUniformityNormalized	0.576009996
original	glszm	SizeZoneNonUniformity	28.2244898
original	glszm	GrayLevelNonUniformity	2.020408163
original	glszm	LargeAreaEmphasis	4.326530612
original	glszm	SmallAreaHighGrayLevelEmphasis	325.8380222
original	glszm	ZonePercentage	0.644736842
original	glszm	LargeAreaLowGrayLevelEmphasis	0.056711733

original	glszm	LargeAreaHighGrayLevelEmphasis	3447.306122
original	glszm	HighGrayLevelZoneEmphasis	454.3877551
original	glszm	SmallAreaEmphasis	0.784764424
original	glszm	LowGrayLevelZoneEmphasis	0.051088158
original	glszm	ZoneEntropy	5.134918517
original	glszm	SmallAreaLowGrayLevelEmphasis	0.050298837
original	ngtdm	Coarseness	0.039365204
original	ngtdm	Complexity	2828.76697
original	ngtdm	Strength	20.03503867
original	ngtdm	Contrast	1.621549208
original	ngtdm	Busyness	0.038495754
wavelet-HHH	gldm	GrayLevelVariance	4.738919668
wavelet-HHH	gldm	HighGrayLevelEmphasis	45.63157895
wavelet-HHH	gldm	DependenceEntropy	4.66880556
wavelet-HHH	gldm	DependenceNonUniformity	17.78947368
wavelet-HHH	gldm	GrayLevelNonUniformity	10.23684211
wavelet-HHH	gldm	SmallDependenceEmphasis	0.365727339
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	16.32112573
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.234072022
wavelet-HHH	gldm	LargeDependenceEmphasis	8.210526316
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.259069505
wavelet-HHH	gldm	DependenceVariance	1.828254848
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	370.4736842
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.033189437
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.051726917
wavelet-HHH	glcm	JointAverage	6.460000011
wavelet-HHH	glcm	SumAverage	12.92000002
wavelet-HHH	glcm	JointEntropy	5.382478905
wavelet-HHH	glcm	ClusterShade	-2.156945264
wavelet-HHH	glcm	MaximumProbability	0.060158768
wavelet-HHH	glcm	Idmn	0.929887234
wavelet-HHH	glcm	JointEnergy	0.02836938
wavelet-HHH	glcm	Contrast	10.11227558
wavelet-HHH	glcm	DifferenceEntropy	2.622612566
wavelet-HHH	glcm	InverseVariance	0.322773222
wavelet-HHH	glcm	DifferenceVariance	3.172961824
wavelet-HHH	glcm	Idn	0.823172786
wavelet-HHH	glcm	Idm	0.290144123
wavelet-HHH	glcm	Correlation	-0.025261517
wavelet-HHH	glcm	Autocorrelation	41.60431006
wavelet-HHH	glcm	SumEntropy	3.370980217
wavelet-HHH	glcm	SumSquares	4.921157618
wavelet-HHH	glcm	ClusterProminence	236.0908095
wavelet-HHH	glcm	Imc2	0.888475643
wavelet-HHH	glcm	Imc1	-0.25616303
wavelet-HHH	glcm	DifferenceAverage	2.596728567
wavelet-HHH	glcm	Id	0.379376234
wavelet-HHH	glcm	ClusterTendency	9.572354891
wavelet-HHH	firstorder	InterquartileRange	75.96651831
wavelet-HHH	firstorder	Skewness	-0.154916026
wavelet-HHH	firstorder	Uniformity	0.134695291
wavelet-HHH	firstorder	Median	5.842076465
wavelet-HHH	firstorder	Energy	223256.2452
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	31.69096576
wavelet-HHH	firstorder	MeanAbsoluteDeviation	44.62519436
wavelet-HHH	firstorder	TotalEnergy	6027918.621
wavelet-HHH	firstorder	Maximum	102.6614962
wavelet-HHH	firstorder	RootMeanSquared	54.19946655

wavelet-HHH	firstorder	90Percentile	68.57061767
wavelet-HHH	firstorder	Minimum	-140.6519001
wavelet-HHH	firstorder	Entropy	3.080872161
wavelet-HHH	firstorder	Range	243.3133963
wavelet-HHH	firstorder	Variance	2924.262737
wavelet-HHH	firstorder	10Percentile	-67.54557376
wavelet-HHH	firstorder	Kurtosis	2.625389435
wavelet-HHH	firstorder	Mean	-3.649580318
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.05186587
wavelet-HHH	glrlm	GrayLevelVariance	4.870260616
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.053175441
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.132194554
wavelet-HHH	glrlm	RunVariance	0.067267656
wavelet-HHH	glrlm	GrayLevelNonUniformity	9.459516483
wavelet-HHH	glrlm	LongRunEmphasis	1.200782395
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	43.5834267
wavelet-HHH	glrlm	RunLengthNonUniformity	63.84083448
wavelet-HHH	glrlm	ShortRunEmphasis	0.954869573
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	54.76794709
wavelet-HHH	glrlm	RunPercentage	0.941295547
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.059014427
wavelet-HHH	glrlm	RunEntropy	3.346308393
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	45.63965047
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.890179436
wavelet-HHH	glszm	GrayLevelVariance	7.529656608
wavelet-HHH	glszm	ZoneVariance	6.570239334
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.107180021
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.411030177
wavelet-HHH	glszm	SizeZoneNonUniformity	12.74193548
wavelet-HHH	glszm	GrayLevelNonUniformity	3.322580645
wavelet-HHH	glszm	LargeAreaEmphasis	12.58064516
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	29.31304879
wavelet-HHH	glszm	ZonePercentage	0.407894737
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.411785697
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	575.0322581
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	46.29032258
wavelet-HHH	glszm	SmallAreaEmphasis	0.654685831
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.083926914
wavelet-HHH	glszm	ZoneEntropy	4.155651552
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.074010192
wavelet-HHH	ngtdm	Coarseness	0.068357624
wavelet-HHH	ngtdm	Complexity	81.52594227
wavelet-HHH	ngtdm	Strength	2.333397129
wavelet-HHH	ngtdm	Contrast	0.159209846
wavelet-HHH	ngtdm	Busyness	0.235750618
wavelet-HLL	gldm	GrayLevelVariance	41.07825485
wavelet-HLL	gldm	HighGrayLevelEmphasis	162.6578947
wavelet-HLL	gldm	DependenceEntropy	5.31859606
wavelet-HLL	gldm	DependenceNonUniformity	23.63157895
wavelet-HLL	gldm	GrayLevelNonUniformity	4.552631579
wavelet-HLL	gldm	SmallDependenceEmphasis	0.540844298
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	114.8269371
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.310941828
wavelet-HLL	gldm	LargeDependenceEmphasis	5.342105263
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.12838334
wavelet-HLL	gldm	DependenceVariance	1.236149584
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	521.7631579
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.027324634

wavelet-HLL	gldm	LowGrayLevelEmphasis	0.035839201
wavelet-HLL	glcm	JointAverage	10.3572154
wavelet-HLL	glcm	SumAverage	20.71443079
wavelet-HLL	glcm	JointEntropy	6.112106529
wavelet-HLL	glcm	ClusterShade	1424.075659
wavelet-HLL	glcm	MaximumProbability	0.037020898
wavelet-HLL	glcm	Idmn	0.961887371
wavelet-HLL	glcm	JointEnergy	0.015851623
wavelet-HLL	glcm	Contrast	39.17853195
wavelet-HLL	glcm	DifferenceEntropy	3.393744881
wavelet-HLL	glcm	InverseVariance	0.198025313
wavelet-HLL	glcm	DifferenceVariance	14.61951595
wavelet-HLL	glcm	Idn	0.872146093
wavelet-HLL	glcm	Idm	0.187737255
wavelet-HLL	glcm	Correlation	0.437476941
wavelet-HLL	glcm	Autocorrelation	123.3710103
wavelet-HLL	glcm	SumEntropy	4.292588676
wavelet-HLL	glcm	SumSquares	35.65107636
wavelet-HLL	glcm	ClusterProminence	48760.13771
wavelet-HLL	glcm	Imc2	0.994338746
wavelet-HLL	glcm	Imc1	-0.540687622
wavelet-HLL	glcm	DifferenceAverage	4.808361527
wavelet-HLL	glcm	Id	0.283197904
wavelet-HLL	glcm	ClusterTendency	103.4257735
wavelet-HLL	firstorder	InterquartileRange	194.3913444
wavelet-HLL	firstorder	Skewness	1.037307662
wavelet-HLL	firstorder	Uniformity	0.059903047
wavelet-HLL	firstorder	Median	-95.35569252
wavelet-HLL	firstorder	Energy	2224054.243
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	81.56385021
wavelet-HLL	firstorder	MeanAbsoluteDeviation	123.9657296
wavelet-HLL	firstorder	TotalEnergy	60049464.57
wavelet-HLL	firstorder	Maximum	402.0716511
wavelet-HLL	firstorder	RootMeanSquared	171.066863
wavelet-HLL	firstorder	90Percentile	177.2932406
wavelet-HLL	firstorder	Minimum	-312.5525939
wavelet-HLL	firstorder	Entropy	4.331589812
wavelet-HLL	firstorder	Range	714.624245
wavelet-HLL	firstorder	Variance	25342.112
wavelet-HLL	firstorder	10Percentile	-214.2053557
wavelet-HLL	firstorder	Kurtosis	3.589063439
wavelet-HLL	firstorder	Mean	-62.62395404
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.035855956
wavelet-HLL	glrlm	GrayLevelVariance	41.93672037
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.036489619
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.058651467
wavelet-HLL	glrlm	RunVariance	0.03930095
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.282319561
wavelet-HLL	glrlm	LongRunEmphasis	1.125167543
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	162.8119894
wavelet-HLL	glrlm	RunLengthNonUniformity	67.34182215
wavelet-HLL	glrlm	ShortRunEmphasis	0.968708114
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	177.0242786
wavelet-HLL	glrlm	RunPercentage	0.960526316
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.039024271
wavelet-HLL	glrlm	RunEntropy	4.483798126
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	165.6544473
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.9213981



wavelet-HLL	glszm	GrayLevelVariance	51.81901042
wavelet-HLL	glszm	ZoneVariance	1.201388889
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.047743056
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.555555556
wavelet-HLL	glszm	SizeZoneNonUniformity	26.66666667
wavelet-HLL	glszm	GrayLevelNonUniformity	2.291666667
wavelet-HLL	glszm	LargeAreaEmphasis	3.708333333
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	171.6803183
wavelet-HLL	glszm	ZonePercentage	0.631578947
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.101005066
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	434.3333333
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	200.3541667
wavelet-HLL	glszm	SmallAreaEmphasis	0.767181713
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.045569378
wavelet-HLL	glszm	ZoneEntropy	5.011842188
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.041704216
wavelet-HLL	ngtdm	Coarseness	0.088485426
wavelet-HLL	ngtdm	Complexity	851.2163147
wavelet-HLL	ngtdm	Strength	27.77465064
wavelet-HLL	ngtdm	Contrast	0.379468196
wavelet-HLL	ngtdm	Busyness	0.06658128
wavelet-LHL	gldm	GrayLevelVariance	125.632964
wavelet-LHL	gldm	HighGrayLevelEmphasis	742.7631579
wavelet-LHL	gldm	DependenceEntropy	5.343257941
wavelet-LHL	gldm	DependenceNonUniformity	32.5
wavelet-LHL	gldm	GrayLevelNonUniformity	2.973684211
wavelet-LHL	gldm	SmallDependenceEmphasis	0.622076023
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	515.623538
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.427631579
wavelet-LHL	gldm	LargeDependenceEmphasis	2.921052632
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022388211
wavelet-LHL	gldm	DependenceVariance	0.427977839
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1790.210526
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015102865
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.016261475
wavelet-LHL	glcm	JointAverage	24.21521342
wavelet-LHL	glcm	SumAverage	48.43042684
wavelet-LHL	glcm	JointEntropy	6.312673598
wavelet-LHL	glcm	ClusterShade	3033.347934
wavelet-LHL	glcm	MaximumProbability	0.029758418
wavelet-LHL	glcm	Idmn	0.955275908
wavelet-LHL	glcm	JointEnergy	0.01339277
wavelet-LHL	glcm	Contrast	138.7566251
wavelet-LHL	glcm	DifferenceEntropy	4.002388479
wavelet-LHL	glcm	InverseVariance	0.111212324
wavelet-LHL	glcm	DifferenceVariance	47.11686069
wavelet-LHL	glcm	Idn	0.860548086
wavelet-LHL	glcm	Idm	0.106019072
wavelet-LHL	glcm	Correlation	0.422590787
wavelet-LHL	glcm	Autocorrelation	639.0366245
wavelet-LHL	glcm	SumEntropy	4.899416817
wavelet-LHL	glcm	SumSquares	121.8431078
wavelet-LHL	glcm	ClusterProminence	291294.8877
wavelet-LHL	glcm	Imc2	0.999309761
wavelet-LHL	glcm	Imc1	-0.689591722
wavelet-LHL	glcm	DifferenceAverage	9.223175248
wavelet-LHL	glcm	Id	0.18985021
wavelet-LHL	glcm	ClusterTendency	348.6158062

wavelet-LHL	firstorder	InterquartileRange	445.140261
wavelet-LHL	firstorder	Skewness	0.383192303
wavelet-LHL	firstorder	Uniformity	0.039127424
wavelet-LHL	firstorder	Median	-90.32782841
wavelet-LHL	firstorder	Energy	6137784.891
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	176.5156136
wavelet-LHL	firstorder	MeanAbsoluteDeviation	236.5970942
wavelet-LHL	firstorder	TotalEnergy	165720192
wavelet-LHL	firstorder	Maximum	642.0058532
wavelet-LHL	firstorder	RootMeanSquared	284.1836158
wavelet-LHL	firstorder	90Percentile	349.3236326
wavelet-LHL	firstorder	Minimum	-644.4625406
wavelet-LHL	firstorder	Entropy	4.892747007
wavelet-LHL	firstorder	Range	1286.468394
wavelet-LHL	firstorder	Variance	79000.68517
wavelet-LHL	firstorder	10Percentile	-345.5117564
wavelet-LHL	firstorder	Kurtosis	2.463706151
wavelet-LHL	firstorder	Mean	-41.94809097
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016516478
wavelet-LHL	glrlm	GrayLevelVariance	126.5506056
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.016569019
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038990444
wavelet-LHL	glrlm	RunVariance	0.026639483
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.898112907
wavelet-LHL	glrlm	LongRunEmphasis	1.074696642
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	737.8385713
wavelet-LHL	glrlm	RunLengthNonUniformity	71.33795576
wavelet-LHL	glrlm	ShortRunEmphasis	0.983803233
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	789.3043548
wavelet-LHL	glrlm	RunPercentage	0.977732794
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.016796216
wavelet-LHL	glrlm	RunEntropy	4.934534066
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	746.9296965
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.959129545
wavelet-LHL	glszm	GrayLevelVariance	139.4796694
wavelet-LHL	glszm	ZoneVariance	0.41785124
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.035371901
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.55107438
wavelet-LHL	glszm	SizeZoneNonUniformity	30.30909091
wavelet-LHL	glszm	GrayLevelNonUniformity	1.945454545
wavelet-LHL	glszm	LargeAreaEmphasis	2.327272727
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	658.2454545
wavelet-LHL	glszm	ZonePercentage	0.723684211
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.025484901
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1538.472727
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	804.1818182
wavelet-LHL	glszm	SmallAreaEmphasis	0.769191919
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.021285075
wavelet-LHL	glszm	ZoneEntropy	5.308632441
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.02059281
wavelet-LHL	ngtdm	Coarseness	0.06991132
wavelet-LHL	ngtdm	Complexity	3211.067872
wavelet-LHL	ngtdm	Strength	50.07705871
wavelet-LHL	ngtdm	Contrast	1.165912088
wavelet-LHL	ngtdm	Busyness	0.025087498
wavelet-LHH	gldm	GrayLevelVariance	33.35509003
wavelet-LHH	gldm	HighGrayLevelEmphasis	257.9605263
wavelet-LHH	gldm	DependenceEntropy	5.136039442

wavelet-LHH	gldm	DependenceNonUniformity	32.73684211
wavelet-LHH	gldm	GrayLevelNonUniformity	4.657894737
wavelet-LHH	gldm	SmallDependenceEmphasis	0.664656433
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	196.5316155
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.430747922
wavelet-LHH	gldm	LargeDependenceEmphasis	3.105263158
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.036833229
wavelet-LHH	gldm	DependenceVariance	0.612188366
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	625.9605263
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018538599
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.021038964
wavelet-LHH	glcm	JointAverage	15.11135316
wavelet-LHH	glcm	SumAverage	30.22270632
wavelet-LHH	glcm	JointEntropy	6.239541433
wavelet-LHH	glcm	ClusterShade	108.9627508
wavelet-LHH	glcm	MaximumProbability	0.027436961
wavelet-LHH	glcm	Idmn	0.940538259
wavelet-LHH	glcm	JointEnergy	0.01414935
wavelet-LHH	glcm	Contrast	64.70796546
wavelet-LHH	glcm	DifferenceEntropy	3.66750031
wavelet-LHH	glcm	InverseVariance	0.167661238
wavelet-LHH	glcm	DifferenceVariance	23.61371896
wavelet-LHH	glcm	Idn	0.840841904
wavelet-LHH	glcm	Idm	0.140567764
wavelet-LHH	glcm	Correlation	-0.004904355
wavelet-LHH	glcm	Autocorrelation	228.5943752
wavelet-LHH	glcm	SumEntropy	4.370331501
wavelet-LHH	glcm	SumSquares	32.45529028
wavelet-LHH	glcm	ClusterProminence	13437.82949
wavelet-LHH	glcm	Imc2	0.991029784
wavelet-LHH	glcm	Imc1	-0.492662668
wavelet-LHH	glcm	DifferenceAverage	6.293112299
wavelet-LHH	glcm	Id	0.233320023
wavelet-LHH	glcm	ClusterTendency	65.11319567
wavelet-LHH	firstorder	InterquartileRange	177.9380134
wavelet-LHH	firstorder	Skewness	0.313782684
wavelet-LHH	firstorder	Uniformity	0.061288089
wavelet-LHH	firstorder	Median	-0.485376922
wavelet-LHH	firstorder	Energy	1606674.699
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	78.96893273
wavelet-LHH	firstorder	MeanAbsoluteDeviation	115.0662421
wavelet-LHH	firstorder	TotalEnergy	43380216.88
wavelet-LHH	firstorder	Maximum	387.0227937
wavelet-LHH	firstorder	RootMeanSquared	145.397581
wavelet-LHH	firstorder	90Percentile	207.731865
wavelet-LHH	firstorder	Minimum	-345.1555847
wavelet-LHH	firstorder	Entropy	4.196104911
wavelet-LHH	firstorder	Range	732.1783784
wavelet-LHH	firstorder	Variance	20996.73531
wavelet-LHH	firstorder	10Percentile	-144.2417363
wavelet-LHH	firstorder	Kurtosis	3.012959312
wavelet-LHH	firstorder	Mean	11.98837996
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.021223065
wavelet-LHH	glrlm	GrayLevelVariance	33.72536844
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.021352831
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.060807608
wavelet-LHH	glrlm	RunVariance	0.022214116
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.519348996

wavelet-LHH	glrlm	LongRunEmphasis	1.069426789
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	256.7251088
wavelet-LHH	glrlm	RunLengthNonUniformity	71.05608554
wavelet-LHH	glrlm	ShortRunEmphasis	0.982643303
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	272.16484
wavelet-LHH	glrlm	RunPercentage	0.977732794
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.021871898
wavelet-LHH	glrlm	RunEntropy	4.280922356
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	259.813055
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.955571767
wavelet-LHH	glszm	GrayLevelVariance	38.63272727
wavelet-LHH	glszm	ZoneVariance	0.781487603
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055867769
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.652892562
wavelet-LHH	glszm	SizeZoneNonUniformity	35.90909091
wavelet-LHH	glszm	GrayLevelNonUniformity	3.072727273
wavelet-LHH	glszm	LargeAreaEmphasis	2.690909091
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	255.7401465
wavelet-LHH	glszm	ZonePercentage	0.723684211
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.039433217
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	572.6363636
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	288.2727273
wavelet-LHH	glszm	SmallAreaEmphasis	0.831787879
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.026182775
wavelet-LHH	glszm	ZoneEntropy	4.819653296
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024967681
wavelet-LHH	ngtdm	Coarseness	0.05327749
wavelet-LHH	ngtdm	Complexity	1010.791927
wavelet-LHH	ngtdm	Strength	11.47477331
wavelet-LHH	ngtdm	Contrast	0.680204589
wavelet-LHH	ngtdm	Busyness	0.082427691
wavelet-LLH	gldm	GrayLevelVariance	168.7359765
wavelet-LLH	gldm	HighGrayLevelEmphasis	726.5657895
wavelet-LLH	gldm	DependenceEntropy	5.553784257
wavelet-LLH	gldm	DependenceNonUniformity	36.10526316
wavelet-LLH	gldm	GrayLevelNonUniformity	2.973684211
wavelet-LLH	gldm	SmallDependenceEmphasis	0.707785088
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	625.4076206
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.475069252
wavelet-LLH	gldm	LargeDependenceEmphasis	2.815789474
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029639859
wavelet-LLH	gldm	DependenceVariance	0.565789474
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1340.776316
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019684728
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.021106128
wavelet-LLH	glcm	JointAverage	22.69088539
wavelet-LLH	glcm	SumAverage	45.38177078
wavelet-LLH	glcm	JointEntropy	6.34038174
wavelet-LLH	glcm	ClusterShade	8453.843073
wavelet-LLH	glcm	MaximumProbability	0.024615833
wavelet-LLH	glcm	Idmn	0.953896571
wavelet-LLH	glcm	JointEnergy	0.012871107
wavelet-LLH	glcm	Contrast	187.509674
wavelet-LLH	glcm	DifferenceEntropy	4.108253301
wavelet-LLH	glcm	InverseVariance	0.089933257
wavelet-LLH	glcm	DifferenceVariance	49.37344431
wavelet-LLH	glcm	Idn	0.85667929
wavelet-LLH	glcm	Idm	0.089091353

wavelet-LLH	glcm	Correlation	0.411633854
wavelet-LLH	glcm	Autocorrelation	579.5401105
wavelet-LLH	glcm	SumEntropy	4.90047196
wavelet-LLH	glcm	SumSquares	158.2027943
wavelet-LLH	glcm	ClusterProminence	616242.919
wavelet-LLH	glcm	Imc2	0.999361057
wavelet-LLH	glcm	Imc1	-0.692650328
wavelet-LLH	glcm	DifferenceAverage	10.93596075
wavelet-LLH	glcm	Id	0.168760414
wavelet-LLH	glcm	ClusterTendency	445.3015031
wavelet-LLH	firstorder	InterquartileRange	520.693993
wavelet-LLH	firstorder	Skewness	0.696879429
wavelet-LLH	firstorder	Uniformity	0.039127424
wavelet-LLH	firstorder	Median	-191.6256683
wavelet-LLH	firstorder	Energy	8450144.989
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	198.0925448
wavelet-LLH	firstorder	MeanAbsoluteDeviation	271.9418566
wavelet-LLH	firstorder	TotalEnergy	228153914.7
wavelet-LLH	firstorder	Maximum	842.8394602
wavelet-LLH	firstorder	RootMeanSquared	333.4458251
wavelet-LLH	firstorder	90Percentile	371.4136977
wavelet-LLH	firstorder	Minimum	-647.0102862
wavelet-LLH	firstorder	Entropy	4.958243139
wavelet-LLH	firstorder	Range	1489.849746
wavelet-LLH	firstorder	Variance	105997.5119
wavelet-LLH	firstorder	10Percentile	-389.4042133
wavelet-LLH	firstorder	Kurtosis	2.757417338
wavelet-LLH	firstorder	Mean	-72.03198188
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.021369665
wavelet-LLH	glrlm	GrayLevelVariance	170.0984279
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.021435283
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.038449301
wavelet-LLH	glrlm	RunVariance	0.023451986
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.867237299
wavelet-LLH	glrlm	LongRunEmphasis	1.064710583
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	729.3748568
wavelet-LLH	glrlm	RunLengthNonUniformity	72.02368377
wavelet-LLH	glrlm	ShortRunEmphasis	0.986196523
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	755.9460345
wavelet-LLH	glrlm	RunPercentage	0.980769231
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.021744402
wavelet-LLH	glrlm	RunEntropy	5.022830798
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	734.2854836
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.965382353
wavelet-LLH	glszm	GrayLevelVariance	187.0324019
wavelet-LLH	glszm	ZoneVariance	0.731272295
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030915577
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.697384067
wavelet-LLH	glszm	SizeZoneNonUniformity	40.44827586
wavelet-LLH	glszm	GrayLevelNonUniformity	1.793103448
wavelet-LLH	glszm	LargeAreaEmphasis	2.448275862
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	794.0111351
wavelet-LLH	glszm	ZonePercentage	0.763157895
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.032670519
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1333.948276
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	842.5689655
wavelet-LLH	glszm	SmallAreaEmphasis	0.858836207
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.026201004

wavelet-LLH	glszm	ZoneEntropy	5.409705133
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025474664
wavelet-LLH	ngtdm	Coarseness	0.055375641
wavelet-LLH	ngtdm	Complexity	5047.359912
wavelet-LLH	ngtdm	Strength	55.86321224
wavelet-LLH	ngtdm	Contrast	1.641875321
wavelet-LLH	ngtdm	Busyness	0.028212897
wavelet-LLL	gldm	GrayLevelVariance	538.9465028
wavelet-LLL	gldm	HighGrayLevelEmphasis	2030.328947
wavelet-LLL	gldm	DependenceEntropy	5.728062053
wavelet-LLL	gldm	DependenceNonUniformity	58.63157895
wavelet-LLL	gldm	GrayLevelNonUniformity	1.605263158
wavelet-LLL	gldm	SmallDependenceEmphasis	0.901315789
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1716.276316
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.771468144
wavelet-LLL	gldm	LargeDependenceEmphasis	1.394736842
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.021259731
wavelet-LLL	gldm	DependenceVariance	0.114265928
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3286.539474
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.020898454
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.020970709
wavelet-LLL	glcm	JointAverage	46.02508793
wavelet-LLL	glcm	SumAverage	92.05017585
wavelet-LLL	glcm	JointEntropy	6.454754355
wavelet-LLL	glcm	ClusterShade	3734.331681
wavelet-LLL	glcm	MaximumProbability	0.015506147
wavelet-LLL	glcm	Idmn	0.905211281
wavelet-LLL	glcm	JointEnergy	0.011569592
wavelet-LLL	glcm	Contrast	944.9291594
wavelet-LLL	glcm	DifferenceEntropy	4.739283182
wavelet-LLL	glcm	InverseVariance	0.024450289
wavelet-LLL	glcm	DifferenceVariance	279.1057655
wavelet-LLL	glcm	Idn	0.793775382
wavelet-LLL	glcm	Idm	0.026357523
wavelet-LLL	glcm	Correlation	0.169230746
wavelet-LLL	glcm	Autocorrelation	2209.898227
wavelet-LLL	glcm	SumEntropy	5.132088691
wavelet-LLL	glcm	SumSquares	563.5991403
wavelet-LLL	glcm	ClusterProminence	3730317.197
wavelet-LLL	glcm	Imc2	0.999954336
wavelet-LLL	glcm	Imc1	-0.840200394
wavelet-LLL	glcm	DifferenceAverage	25.52632942
wavelet-LLL	glcm	Id	0.078228812
wavelet-LLL	glcm	ClusterTendency	1309.467402
wavelet-LLL	firstorder	InterquartileRange	893.0706671
wavelet-LLL	firstorder	Skewness	0.354937795
wavelet-LLL	firstorder	Uniformity	0.021121884
wavelet-LLL	firstorder	Median	-923.7816697
wavelet-LLL	firstorder	Energy	76740628.18
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	372.4851575
wavelet-LLL	firstorder	MeanAbsoluteDeviation	492.4726167
wavelet-LLL	firstorder	TotalEnergy	2071996961
wavelet-LLL	firstorder	Maximum	425.3057696
wavelet-LLL	firstorder	RootMeanSquared	1004.86074
wavelet-LLL	firstorder	90Percentile	5.220078448
wavelet-LLL	firstorder	Minimum	-1761.956229
wavelet-LLL	firstorder	Entropy	5.691813533
wavelet-LLL	firstorder	Range	2187.261998

wavelet-LLL	firstorder	Variance	334965.1144
wavelet-LLL	firstorder	10Percentile	-1500.663174
wavelet-LLL	firstorder	Kurtosis	2.103730339
wavelet-LLL	firstorder	Mean	-821.4499335
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.021072809
wavelet-LLL	glrlm	GrayLevelVariance	538.4259518
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.02107564
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.021106579
wavelet-LLL	glrlm	RunVariance	0.005057591
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.595982055
wavelet-LLL	glrlm	LongRunEmphasis	1.015550936
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2011.918203
wavelet-LLL	glrlm	RunLengthNonUniformity	74.86483714
wavelet-LLL	glrlm	ShortRunEmphasis	0.996112266
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2073.922309
wavelet-LLL	glrlm	RunPercentage	0.994939271
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.021086962
wavelet-LLL	glrlm	RunEntropy	5.694734642
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2024.319024
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.989884817
wavelet-LLL	glszm	GrayLevelVariance	531.8337631
wavelet-LLL	glszm	ZoneVariance	0.065463202
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.020829201
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.869073597
wavelet-LLL	glszm	SizeZoneNonUniformity	61.70422535
wavelet-LLL	glszm	GrayLevelNonUniformity	1.478873239
wavelet-LLL	glszm	LargeAreaEmphasis	1.211267606
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1781.112676
wavelet-LLL	glszm	ZonePercentage	0.934210526
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.022550645
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2621.535211
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1949.197183
wavelet-LLL	glszm	SmallAreaEmphasis	0.947183099
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.022395957
wavelet-LLL	glszm	ZoneEntropy	5.734116486
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.022357285
wavelet-LLL	ngtdm	Coarseness	0.036181422
wavelet-LLL	ngtdm	Complexity	31346.89182
wavelet-LLL	ngtdm	Strength	95.93182178
wavelet-LLL	ngtdm	Contrast	6.083330821
wavelet-LLL	ngtdm	Busyness	0.01748369
wavelet-HHL	gldm	GrayLevelVariance	8.530990305
wavelet-HHL	gldm	HighGrayLevelEmphasis	51.98684211
wavelet-HHL	gldm	DependenceEntropy	4.909130067
wavelet-HHL	gldm	DependenceNonUniformity	18.86842105
wavelet-HHL	gldm	GrayLevelNonUniformity	8.605263158
wavelet-HHL	gldm	SmallDependenceEmphasis	0.326304489
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	23.0539894
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.248268698
wavelet-HHL	gldm	LargeDependenceEmphasis	9.842105263
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.425086582
wavelet-HHL	gldm	DependenceVariance	2.637119114
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	428.9078947
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.028288274
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.072427197
wavelet-HHL	glcm	JointAverage	6.623130619
wavelet-HHL	glcm	SumAverage	13.24626124
wavelet-HHL	glcm	JointEntropy	5.505087696

wavelet-HHL	glcm	ClusterShade	35.7817005
wavelet-HHL	glcm	MaximumProbability	0.053918059
wavelet-HHL	glcm	Idmn	0.946015848
wavelet-HHL	glcm	JointEnergy	0.025597293
wavelet-HHL	glcm	Contrast	16.84275672
wavelet-HHL	glcm	DifferenceEntropy	2.927441924
wavelet-HHL	glcm	InverseVariance	0.287775881
wavelet-HHL	glcm	DifferenceVariance	6.852295449
wavelet-HHL	glcm	Idn	0.851087847
wavelet-HHL	glcm	Idm	0.27849022
wavelet-HHL	glcm	Correlation	-0.035104435
wavelet-HHL	glcm	Autocorrelation	43.69816127
wavelet-HHL	glcm	SumEntropy	3.621896984
wavelet-HHL	glcm	SumSquares	8.242733912
wavelet-HHL	glcm	ClusterProminence	970.8420758
wavelet-HHL	glcm	Imc2	0.926433991
wavelet-HHL	glcm	Imc1	-0.30673377
wavelet-HHL	glcm	DifferenceAverage	3.121709224
wavelet-HHL	glcm	Id	0.366607736
wavelet-HHL	glcm	ClusterTendency	16.12817893
wavelet-HHL	firstorder	InterquartileRange	93.66123003
wavelet-HHL	firstorder	Skewness	0.74432336
wavelet-HHL	firstorder	Uniformity	0.113227147
wavelet-HHL	firstorder	Median	-0.877154214
wavelet-HHL	firstorder	Energy	412695.6479
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	35.52348497
wavelet-HHL	firstorder	MeanAbsoluteDeviation	55.58208858
wavelet-HHL	firstorder	TotalEnergy	11142782.49
wavelet-HHL	firstorder	Maximum	247.1987848
wavelet-HHL	firstorder	RootMeanSquared	73.68993075
wavelet-HHL	firstorder	90Percentile	83.73222907
wavelet-HHL	firstorder	Minimum	-149.5646685
wavelet-HHL	firstorder	Entropy	3.330827786
wavelet-HHL	firstorder	Range	396.7634532
wavelet-HHL	firstorder	Variance	5420.328917
wavelet-HHL	firstorder	10Percentile	-78.63361676
wavelet-HHL	firstorder	Kurtosis	4.143704879
wavelet-HHL	firstorder	Mean	3.142765742
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.071317179
wavelet-HHL	glrlm	GrayLevelVariance	8.851836574
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.073961526
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.11121857
wavelet-HHL	glrlm	RunVariance	0.073292418
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.904659837
wavelet-HHL	glrlm	LongRunEmphasis	1.221633274
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	50.64995702
wavelet-HHL	glrlm	RunLengthNonUniformity	62.55530225
wavelet-HHL	glrlm	ShortRunEmphasis	0.949699444
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	62.11332898
wavelet-HHL	glrlm	RunPercentage	0.935222672
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.08491347
wavelet-HHL	glrlm	RunEntropy	3.601414551
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	52.70874503
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.877861113
wavelet-HHL	glszm	GrayLevelVariance	12.88964844
wavelet-HHL	glszm	ZoneVariance	4.734375
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.091796875
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.3125



wavelet-HHL	glszm	SizeZoneNonUniformity	10
wavelet-HHL	glszm	GrayLevelNonUniformity	2.9375
wavelet-HHL	glszm	LargeAreaEmphasis	10.375
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	44.80701389
wavelet-HHL	glszm	ZonePercentage	0.421052632
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.487990321
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	447.84375
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	65.90625
wavelet-HHL	glszm	SmallAreaEmphasis	0.553111497
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.09169246
wavelet-HHL	glszm	ZoneEntropy	4.663909766
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.051571728
wavelet-HHL	ngtdm	Coarseness	0.067743801
wavelet-HHL	ngtdm	Complexity	169.2824787
wavelet-HHL	ngtdm	Strength	4.383089988
wavelet-HHL	ngtdm	Contrast	0.254862018
wavelet-HHL	ngtdm	Busyness	0.228953851
wavelet-HLH	gldm	GrayLevelVariance	7.404951524
wavelet-HLH	gldm	HighGrayLevelEmphasis	82.59210526
wavelet-HLH	gldm	DependenceEntropy	5.055438165
wavelet-HLH	gldm	DependenceNonUniformity	14.78947368
wavelet-HLH	gldm	GrayLevelNonUniformity	8.947368421
wavelet-HLH	gldm	SmallDependenceEmphasis	0.317317028
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	29.68844313
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.194598338
wavelet-HLH	gldm	LargeDependenceEmphasis	10.89473684
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.200859826
wavelet-HLH	gldm	DependenceVariance	2.515235457
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	774.3026316
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021276306
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.032686945
wavelet-HLH	glcm	JointAverage	8.696517163
wavelet-HLH	glcm	SumAverage	17.39303433
wavelet-HLH	glcm	JointEntropy	5.564779949
wavelet-HLH	glcm	ClusterShade	-1.178368938
wavelet-HLH	glcm	MaximumProbability	0.059628305
wavelet-HLH	glcm	Idmn	0.943008878
wavelet-HLH	glcm	JointEnergy	0.024929758
wavelet-HLH	glcm	Contrast	15.1401411
wavelet-HLH	glcm	DifferenceEntropy	2.919686362
wavelet-HLH	glcm	InverseVariance	0.251616432
wavelet-HLH	glcm	DifferenceVariance	5.515489526
wavelet-HLH	glcm	Idn	0.842970719
wavelet-HLH	glcm	Idm	0.273841779
wavelet-HLH	glcm	Correlation	0.014890432
wavelet-HLH	glcm	Autocorrelation	75.81228377
wavelet-HLH	glcm	SumEntropy	3.650719437
wavelet-HLH	glcm	SumSquares	7.706178645
wavelet-HLH	glcm	ClusterProminence	725.4997925
wavelet-HLH	glcm	Imc2	0.928779575
wavelet-HLH	glcm	Imc1	-0.30643402
wavelet-HLH	glcm	DifferenceAverage	3.080878662
wavelet-HLH	glcm	Id	0.366078519
wavelet-HLH	glcm	ClusterTendency	15.68457348
wavelet-HLH	firstorder	InterquartileRange	87.56611386
wavelet-HLH	firstorder	Skewness	-0.139807501
wavelet-HLH	firstorder	Uniformity	0.117728532
wavelet-HLH	firstorder	Median	9.388146146

wavelet-HLH	firstorder	Energy	356649.0501
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.27198198
wavelet-HLH	firstorder	MeanAbsoluteDeviation	53.26146321
wavelet-HLH	firstorder	TotalEnergy	9629524.353
wavelet-HLH	firstorder	Maximum	167.0239963
wavelet-HLH	firstorder	RootMeanSquared	68.50365435
wavelet-HLH	firstorder	90Percentile	89.4430563
wavelet-HLH	firstorder	Minimum	-187.988286
wavelet-HLH	firstorder	Entropy	3.322583654
wavelet-HLH	firstorder	Range	355.0122823
wavelet-HLH	firstorder	Variance	4677.976107
wavelet-HLH	firstorder	10Percentile	-70.97516299
wavelet-HLH	firstorder	Kurtosis	3.284800032
wavelet-HLH	firstorder	Mean	3.843767942
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.032980299
wavelet-HLH	glrlm	GrayLevelVariance	7.718498902
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.033951197
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.114618103
wavelet-HLH	glrlm	RunVariance	0.083391559
wavelet-HLH	glrlm	GrayLevelNonUniformity	8.077743041
wavelet-HLH	glrlm	LongRunEmphasis	1.252416747
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	79.33280792
wavelet-HLH	glrlm	RunLengthNonUniformity	61.02419546
wavelet-HLH	glrlm	ShortRunEmphasis	0.943272651
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	101.6914684
wavelet-HLH	glrlm	RunPercentage	0.927125506
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.038196964
wavelet-HLH	glrlm	RunEntropy	3.634307779
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	83.42227653
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.863674686
wavelet-HLH	glszm	GrayLevelVariance	12.71592092
wavelet-HLH	glszm	ZoneVariance	7.408949011
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.090530697
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.33194589
wavelet-HLH	glszm	SizeZoneNonUniformity	10.29032258
wavelet-HLH	glszm	GrayLevelNonUniformity	2.806451613
wavelet-HLH	glszm	LargeAreaEmphasis	13.41935484
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	56.83223118
wavelet-HLH	glszm	ZonePercentage	0.407894737
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.241240659
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1038.548387
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	90.83870968
wavelet-HLH	glszm	SmallAreaEmphasis	0.587007168
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.056467133
wavelet-HLH	glszm	ZoneEntropy	4.567099536
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.049071454
wavelet-HLH	ngtdm	Coarseness	0.073294068
wavelet-HLH	ngtdm	Complexity	159.9339809
wavelet-HLH	ngtdm	Strength	4.478356967
wavelet-HLH	ngtdm	Contrast	0.171309194
wavelet-HLH	ngtdm	Busyness	0.121675527

Image type	Feature Class	Feature Name	Value
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
general	info	GeneralSettings	{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	493f405786d7309c8df8f4e864536717b4137bf4
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	113
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original	shape	MinorAxis	16.41205335
original	shape	Elongation	0.868426589
original	shape	SurfaceVolumeRatio	0.37492272
original	shape	Volume	3051
original	shape	MajorAxis	18.8986076
original	shape	SurfaceArea	1143.889219
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original	shape	LeastAxis	14.08785418
original	shape	Maximum2DDiameterColumn	20.1246118
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original	gldm	GrayLevelVariance	111.355157
original	gldm	HighGrayLevelEmphasis	633.0530973
original	gldm	DependenceEntropy	5.729168232
original	gldm	DependenceNonUniformity	30.45132743
original	gldm	GrayLevelNonUniformity	8.415929204
original	gldm	SmallDependenceEmphasis	0.530042212
original	gldm	SmallDependenceHighGrayLevelEmphasis	202.7923672
original	gldm	DependenceNonUniformityNormalized	0.269480774
original	gldm	LargeDependenceEmphasis	17.2300885
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.046952336
original	gldm	DependenceVariance	7.800297596

original	gldm	LargeDependenceHighGrayLevelEmphasis	17402.43363
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.017055091
original	gldm	LowGrayLevelEmphasis	0.018883462
original	glcm	JointAverage	25.34396926
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original	glcm	JointEntropy	6.202344726
original	glcm	ClusterShade	-3288.459124
original	glcm	MaximumProbability	0.074809265
original	glcm	ldmn	0.918612663
original	glcm	JointEnergy	0.022153176
original	glcm	Contrast	128.0133263
original	glcm	DifferenceEntropy	4.028435273
original	glcm	InverseVariance	0.226331914
original	glcm	DifferenceVariance	64.34778068
original	glcm	ldn	0.839610002
original	glcm	ldm	0.250775647
original	glcm	Correlation	0.308246319
original	glcm	Autocorrelation	670.6766601
original	glcm	SumEntropy	4.693364585
original	glcm	SumSquares	92.25574843
original	glcm	ClusterProminence	163082.9988
original	glcm	lmc2	0.987916222
original	glcm	lmc1	-0.468020588
original	glcm	DifferenceAverage	7.852021327
original	glcm	ld	0.311780956
original	glcm	ClusterTendency	241.0096674
original	firstorder	InterquartileRange	512
original	firstorder	Skewness	-0.596087179
original	firstorder	Uniformity	0.07447725
original	firstorder	Median	-128
original	firstorder	Energy	13263574
original	firstorder	RobustMeanAbsoluteDeviation	192.1651307
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original	firstorder	TotalEnergy	358116498
original	firstorder	Maximum	67
original	firstorder	RootMeanSquared	342.6029204
original	firstorder	90Percentile	40.6
original	firstorder	Minimum	-767
original	firstorder	Entropy	4.390146036
original	firstorder	Range	834
original	firstorder	Variance	69814.16916
original	firstorder	10Percentile	-643.4
original	firstorder	Kurtosis	1.857425085
original	firstorder	Mean	-218.0884956
original	gllm	ShortRunLowGrayLevelEmphasis	0.020164586
original	gllm	GrayLevelVariance	111.600196
original	gllm	LowGrayLevelRunEmphasis	0.02031733
original	gllm	GrayLevelNonUniformityNormalized	0.062899416
original	gllm	RunVariance	0.100021482
original	gllm	GrayLevelNonUniformity	6.548532253
original	gllm	LongRunEmphasis	1.282618609
original	gllm	ShortRunHighGrayLevelEmphasis	542.5103355
original	gllm	RunLengthNonUniformity	89.2844092

original	glrlm	ShortRunEmphasis	0.94108873
original	glrlm	LongRunHighGrayLevelEmphasis	884.584891
original	glrlm	RunPercentage	0.920353982
original	glrlm	LongRunLowGrayLevelEmphasis	0.020973907
original	glrlm	RunEntropy	4.78843205
original	glrlm	HighGrayLevelRunEmphasis	601.1028847
original	glrlm	RunLengthNonUniformityNormalized	0.857784328
original	glszm	GrayLevelVariance	89.71875
original	glszm	ZoneVariance	9.523193359
original	glszm	GrayLevelNonUniformityNormalized	0.038574219
original	glszm	SizeZoneNonUniformityNormalized	0.718261719
original	glszm	SizeZoneNonUniformity	45.96875
original	glszm	GrayLevelNonUniformity	2.46875
original	glszm	LargeAreaEmphasis	12.640625
original	glszm	SmallAreaHighGrayLevelEmphasis	303.4513095
original	glszm	ZonePercentage	0.566371681
original	glszm	LargeAreaLowGrayLevelEmphasis	0.051691826
original	glszm	LargeAreaHighGrayLevelEmphasis	12338.60938
original	glszm	HighGrayLevelZoneEmphasis	404.78125
original	glszm	SmallAreaEmphasis	0.864893475
original	glszm	LowGrayLevelZoneEmphasis	0.030518119
original	glszm	ZoneEntropy	5.097274414
original	glszm	SmallAreaLowGrayLevelEmphasis	0.029690013
original	ngtdm	Coarseness	0.022997204
original	ngtdm	Complexity	3350.695114
original	ngtdm	Strength	21.76461408
original	ngtdm	Contrast	1.351956348
original	ngtdm	Busyness	0.043940843
wavelet-HHH	gldm	GrayLevelVariance	6.223196805
wavelet-HHH	gldm	HighGrayLevelEmphasis	75.71681416
wavelet-HHH	gldm	DependenceEntropy	5.116979985
wavelet-HHH	gldm	DependenceNonUniformity	21.99115044
wavelet-HHH	gldm	GrayLevelNonUniformity	14.57522124
wavelet-HHH	gldm	SmallDependenceEmphasis	0.339679743
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	24.92229172
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.194611951
wavelet-HHH	gldm	LargeDependenceEmphasis	10.68141593
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.170893839
wavelet-HHH	gldm	DependenceVariance	2.611794189
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	833.4336283
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018988181
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.030176751
wavelet-HHH	glcm	JointAverage	8.401740323
wavelet-HHH	glcm	SumAverage	16.80348065
wavelet-HHH	glcm	JointEntropy	5.849466049
wavelet-HHH	glcm	ClusterShade	-5.665368203
wavelet-HHH	glcm	MaximumProbability	0.065221058
wavelet-HHH	glcm	ldmn	0.950106495
wavelet-HHH	glcm	JointEnergy	0.023167432
wavelet-HHH	glcm	Contrast	13.08515356
wavelet-HHH	glcm	DifferenceEntropy	2.891205938
wavelet-HHH	glcm	InverseVariance	0.29103153
wavelet-HHH	glcm	DifferenceVariance	4.884657508

wavelet-HHH	glcm	Idn	0.852349468
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wavelet-HHH	glcm	Correlation	-0.047678045
wavelet-HHH	glcm	Autocorrelation	70.33631531
wavelet-HHH	glcm	SumEntropy	3.638655859
wavelet-HHH	glcm	SumSquares	6.28452916
wavelet-HHH	glcm	ClusterProminence	459.5452804
wavelet-HHH	glcm	Imc2	0.881720046
wavelet-HHH	glcm	Imc1	-0.229179951
wavelet-HHH	glcm	DifferenceAverage	2.85060997
wavelet-HHH	glcm	Id	0.374666064
wavelet-HHH	glcm	ClusterTendency	12.05296309
wavelet-HHH	firstorder	InterquartileRange	81.59577785
wavelet-HHH	firstorder	Skewness	-0.194209391
wavelet-HHH	firstorder	Uniformity	0.128984259
wavelet-HHH	firstorder	Median	0.767785939
wavelet-HHH	firstorder	Energy	434547.9054
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	29.95739218
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wavelet-HHH	firstorder	TotalEnergy	11732793.44
wavelet-HHH	firstorder	Maximum	167.5827509
wavelet-HHH	firstorder	RootMeanSquared	62.01255264
wavelet-HHH	firstorder	90Percentile	67.34718041
wavelet-HHH	firstorder	Minimum	-187.5015173
wavelet-HHH	firstorder	Entropy	3.284590446
wavelet-HHH	firstorder	Range	355.0842682
wavelet-HHH	firstorder	Variance	3830.902372
wavelet-HHH	firstorder	10Percentile	-83.17634311
wavelet-HHH	firstorder	Kurtosis	3.479500614
wavelet-HHH	firstorder	Mean	-3.828095147
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.030524327
wavelet-HHH	grlm	GrayLevelVariance	6.511560579
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.03131452
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.123996225
wavelet-HHH	grlm	RunVariance	0.094025063
wavelet-HHH	grlm	GrayLevelNonUniformity	13.02527301
wavelet-HHH	grlm	LongRunEmphasis	1.25445568
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	71.59344055
wavelet-HHH	grlm	RunLengthNonUniformity	92.07766946
wavelet-HHH	grlm	ShortRunEmphasis	0.948817982
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	95.22765738
wavelet-HHH	grlm	RunPercentage	0.92920354
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.035209973
wavelet-HHH	grlm	RunEntropy	3.611266533
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	75.58191075
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.875920874
wavelet-HHH	glszm	GrayLevelVariance	10.64395062
wavelet-HHH	glszm	ZoneVariance	8.427654321
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.09037037
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.394567901
wavelet-HHH	glszm	SizeZoneNonUniformity	17.75555556
wavelet-HHH	glszm	GrayLevelNonUniformity	4.066666667
wavelet-HHH	glszm	LargeAreaEmphasis	14.73333333

wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	47.13904955
wavelet-HHH	glszm	ZonePercentage	0.398230088
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.262033322
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1131.244444
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	74.28888889
wavelet-HHH	glszm	SmallAreaEmphasis	0.648745027
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.050842151
wavelet-HHH	glszm	ZoneEntropy	4.685971707
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.043891605
wavelet-HHH	ngtdm	Coarseness	0.05585941
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wavelet-HLL	gldm	GrayLevelVariance	71.24113086
wavelet-HLL	gldm	HighGrayLevelEmphasis	451.3185841
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.60072763
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	282.0623033
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wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.035633102
wavelet-HLL	gldm	DependenceVariance	1.184117785
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wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014019904
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.016209516
wavelet-HLL	glcm	JointAverage	19.12085701
wavelet-HLL	glcm	SumAverage	38.24171403
wavelet-HLL	glcm	JointEntropy	6.903626135
wavelet-HLL	glcm	ClusterShade	1529.879183
wavelet-HLL	glcm	MaximumProbability	0.022903036
wavelet-HLL	glcm	ldmn	0.964523303
wavelet-HLL	glcm	JointEnergy	0.009026367
wavelet-HLL	glcm	Contrast	70.05202372
wavelet-HLL	glcm	DifferenceEntropy	3.871084651
wavelet-HLL	glcm	InverseVariance	0.143971347
wavelet-HLL	glcm	DifferenceVariance	24.52512944
wavelet-HLL	glcm	ldn	0.873412889
wavelet-HLL	glcm	ldm	0.140789127
wavelet-HLL	glcm	Correlation	0.483564472
wavelet-HLL	glcm	Autocorrelation	399.0706245
wavelet-HLL	glcm	SumEntropy	5.01704327
wavelet-HLL	glcm	SumSquares	68.40301375
wavelet-HLL	glcm	ClusterProminence	119821.5803
wavelet-HLL	glcm	lmc2	0.997081947
wavelet-HLL	glcm	lmc1	-0.545834484
wavelet-HLL	glcm	DifferenceAverage	6.586439445
wavelet-HLL	glcm	ld	0.23213883
wavelet-HLL	glcm	ClusterTendency	203.5600313
wavelet-HLL	firstorder	InterquartileRange	299.2557435
wavelet-HLL	firstorder	Skewness	0.305247815

wavelet-HLL	firstorder	Uniformity	0.039862166
wavelet-HLL	firstorder	Median	-38.90752348
wavelet-HLL	firstorder	Energy	5117027.927
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	118.177827
wavelet-HLL	firstorder	MeanAbsoluteDeviation	170.6360761
wavelet-HLL	firstorder	TotalEnergy	138159754
wavelet-HLL	firstorder	Maximum	527.0825863
wavelet-HLL	firstorder	RootMeanSquared	212.7990437
wavelet-HLL	firstorder	90Percentile	248.5679974
wavelet-HLL	firstorder	Minimum	-486.505679
wavelet-HLL	firstorder	Entropy	4.852629906
wavelet-HLL	firstorder	Range	1013.588265
wavelet-HLL	firstorder	Variance	44653.43731
wavelet-HLL	firstorder	10Percentile	-270.2179976
wavelet-HLL	firstorder	Kurtosis	2.678170743
wavelet-HLL	firstorder	Mean	-25.09971447
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.016439475
wavelet-HLL	grlm	GrayLevelVariance	71.39669122
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.016569248
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.039541971
wavelet-HLL	grlm	RunVariance	0.034812002
wavelet-HLL	grlm	GrayLevelNonUniformity	4.325816464
wavelet-HLL	grlm	LongRunEmphasis	1.10303441
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	444.6632209
wavelet-HLL	grlm	RunLengthNonUniformity	102.7273502
wavelet-HLL	grlm	ShortRunEmphasis	0.975846505
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	491.7742351
wavelet-HLL	grlm	RunPercentage	0.968005446
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.01713383
wavelet-HLL	grlm	RunEntropy	4.950720991
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	453.8990866
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.938595553
wavelet-HLL	glszm	GrayLevelVariance	72.67932281
wavelet-HLL	glszm	ZoneVariance	0.965318869
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038132807
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.583168968
wavelet-HLL	glszm	SizeZoneNonUniformity	45.48717949
wavelet-HLL	glszm	GrayLevelNonUniformity	2.974358974
wavelet-HLL	glszm	LargeAreaEmphasis	3.064102564
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	374.7759544
wavelet-HLL	glszm	ZonePercentage	0.690265487
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.032130414
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1194.525641
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	473.1923077
wavelet-HLL	glszm	SmallAreaEmphasis	0.791712963
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.021056734
wavelet-HLL	glszm	ZoneEntropy	5.368941405
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019873172
wavelet-HLL	ngtdm	Coarseness	0.062475948
wavelet-HLL	ngtdm	Complexity	1973.133228
wavelet-HLL	ngtdm	Strength	28.98634116
wavelet-HLL	ngtdm	Contrast	0.490867416
wavelet-HLL	ngtdm	Busyness	0.030556427



wavelet-LHL	gldm	GrayLevelVariance	112.6576866
wavelet-LHL	gldm	HighGrayLevelEmphasis	678.9292035
wavelet-LHL	gldm	DependenceEntropy	5.815321661
wavelet-LHL	gldm	DependenceNonUniformity	48.02654867
wavelet-LHL	gldm	GrayLevelNonUniformity	4.132743363
wavelet-LHL	gldm	SmallDependenceEmphasis	0.67270649
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	470.4922714
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.425013705
wavelet-LHL	gldm	LargeDependenceEmphasis	3.814159292
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024730852
wavelet-LHL	gldm	DependenceVariance	1.016681024
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2094.769912
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012039255
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013674147
wavelet-LHL	glcm	JointAverage	23.26560655
wavelet-LHL	glcm	SumAverage	46.5312131
wavelet-LHL	glcm	JointEntropy	6.971137167
wavelet-LHL	glcm	ClusterShade	3317.079238
wavelet-LHL	glcm	MaximumProbability	0.019111089
wavelet-LHL	glcm	ldmn	0.946428223
wavelet-LHL	glcm	JointEnergy	0.008433285
wavelet-LHL	glcm	Contrast	166.9314388
wavelet-LHL	glcm	DifferenceEntropy	4.273569322
wavelet-LHL	glcm	InverseVariance	0.135400168
wavelet-LHL	glcm	DifferenceVariance	62.29127501
wavelet-LHL	glcm	ldn	0.854486992
wavelet-LHL	glcm	ldm	0.12148692
wavelet-LHL	glcm	Correlation	0.272109872
wavelet-LHL	glcm	Autocorrelation	573.9256389
wavelet-LHL	glcm	SumEntropy	5.099744228
wavelet-LHL	glcm	SumSquares	115.8894918
wavelet-LHL	glcm	ClusterProminence	270125.322
wavelet-LHL	glcm	lmc2	0.998768388
wavelet-LHL	glcm	lmc1	-0.605869885
wavelet-LHL	glcm	DifferenceAverage	9.739096224
wavelet-LHL	glcm	ld	0.200923715
wavelet-LHL	glcm	ClusterTendency	296.6265282
wavelet-LHL	firstorder	InterquartileRange	345.3977269
wavelet-LHL	firstorder	Skewness	0.315620449
wavelet-LHL	firstorder	Uniformity	0.03657295
wavelet-LHL	firstorder	Median	-85.40444592
wavelet-LHL	firstorder	Energy	8159152.977
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	145.2213846
wavelet-LHL	firstorder	MeanAbsoluteDeviation	211.7881756
wavelet-LHL	firstorder	TotalEnergy	220297130.4
wavelet-LHL	firstorder	Maximum	627.0115035
wavelet-LHL	firstorder	RootMeanSquared	268.7096827
wavelet-LHL	firstorder	90Percentile	329.4114958
wavelet-LHL	firstorder	Minimum	-624.8384074
wavelet-LHL	firstorder	Entropy	5.061336179
wavelet-LHL	firstorder	Range	1251.849911
wavelet-LHL	firstorder	Variance	70373.87543
wavelet-LHL	firstorder	10Percentile	-350.4271414

wavelet-LHL	firstorder	Kurtosis	2.737743634
wavelet-LHL	firstorder	Mean	-42.79039808
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.013842079
wavelet-LHL	glrlm	GrayLevelVariance	113.6598476
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.013925093
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.035800103
wavelet-LHL	glrlm	RunVariance	0.033015851
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.94157212
wavelet-LHL	glrlm	LongRunEmphasis	1.087657825
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	672.3124721
wavelet-LHL	glrlm	RunLengthNonUniformity	104.9972777
wavelet-LHL	glrlm	ShortRunEmphasis	0.981705042
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	730.3683658
wavelet-LHL	glrlm	RunPercentage	0.974132063
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014287195
wavelet-LHL	glrlm	RunEntropy	5.15662298
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	682.4238306
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.953493014
wavelet-LHL	glszm	GrayLevelVariance	121.5185658
wavelet-LHL	glszm	ZoneVariance	0.797477324
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.030045351
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.670918367
wavelet-LHL	glszm	SizeZoneNonUniformity	56.35714286
wavelet-LHL	glszm	GrayLevelNonUniformity	2.523809524
wavelet-LHL	glszm	LargeAreaEmphasis	2.607142857
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	589.9792493
wavelet-LHL	glszm	ZonePercentage	0.743362832
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.023183874
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1565.77381
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	703.8214286
wavelet-LHL	glszm	SmallAreaEmphasis	0.84422619
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016791068
wavelet-LHL	glszm	ZoneEntropy	5.606137661
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.015879659
wavelet-LHL	ngtdm	Coarseness	0.047096486
wavelet-LHL	ngtdm	Complexity	4674.772507
wavelet-LHL	ngtdm	Strength	32.27553834
wavelet-LHL	ngtdm	Contrast	0.85963555
wavelet-LHL	ngtdm	Busyness	0.02682074
wavelet-LHH	gldm	GrayLevelVariance	19.73576631
wavelet-LHH	gldm	HighGrayLevelEmphasis	259.0265487
wavelet-LHH	gldm	DependenceEntropy	5.357140798
wavelet-LHH	gldm	DependenceNonUniformity	28.62831858
wavelet-LHH	gldm	GrayLevelNonUniformity	8.787610619
wavelet-LHH	gldm	SmallDependenceEmphasis	0.453477063
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	120.9158382
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.253347952
wavelet-LHH	gldm	LargeDependenceEmphasis	7
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044877616
wavelet-LHH	gldm	DependenceVariance	1.746573733
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1754.548673
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011391425
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.014313145

wavelet-LHH	glcm	JointAverage	15.46951976
wavelet-LHH	glcm	SumAverage	30.93903952
wavelet-LHH	glcm	JointEntropy	6.48602206
wavelet-LHH	glcm	ClusterShade	-14.42702492
wavelet-LHH	glcm	MaximumProbability	0.032877298
wavelet-LHH	glcm	Idmn	0.956993128
wavelet-LHH	glcm	JointEnergy	0.012887411
wavelet-LHH	glcm	Contrast	42.37973486
wavelet-LHH	glcm	DifferenceEntropy	3.570925319
wavelet-LHH	glcm	InverseVariance	0.21257082
wavelet-LHH	glcm	DifferenceVariance	17.30973992
wavelet-LHH	glcm	Idn	0.86666509
wavelet-LHH	glcm	Idm	0.204610411
wavelet-LHH	glcm	Correlation	-0.030083674
wavelet-LHH	glcm	Autocorrelation	238.6446317
wavelet-LHH	glcm	SumEntropy	4.283879382
wavelet-LHH	glcm	SumSquares	20.49220559
wavelet-LHH	glcm	ClusterProminence	5586.112907
wavelet-LHH	glcm	Imc2	0.969116091
wavelet-LHH	glcm	Imc1	-0.35726365
wavelet-LHH	glcm	DifferenceAverage	4.93022046
wavelet-LHH	glcm	Id	0.293401288
wavelet-LHH	glcm	ClusterTendency	39.58908751
wavelet-LHH	firstorder	InterquartileRange	125.8754348
wavelet-LHH	firstorder	Skewness	-0.067645764
wavelet-LHH	firstorder	Uniformity	0.077766466
wavelet-LHH	firstorder	Median	6.562501349
wavelet-LHH	firstorder	Energy	1399034.71
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	54.40297074
wavelet-LHH	firstorder	MeanAbsoluteDeviation	84.58267273
wavelet-LHH	firstorder	TotalEnergy	37773937.17
wavelet-LHH	firstorder	Maximum	340.1733901
wavelet-LHH	firstorder	RootMeanSquared	111.2692147
wavelet-LHH	firstorder	90Percentile	117.7459896
wavelet-LHH	firstorder	Minimum	-362.9421897
wavelet-LHH	firstorder	Entropy	3.952856393
wavelet-LHH	firstorder	Range	703.1155798
wavelet-LHH	firstorder	Variance	12380.72877
wavelet-LHH	firstorder	10Percentile	-131.719943
wavelet-LHH	firstorder	Kurtosis	3.914222096
wavelet-LHH	firstorder	Mean	0.330712711
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014599836
wavelet-LHH	glrlm	GrayLevelVariance	20.24567538
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.014796992
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.076667651
wavelet-LHH	glrlm	RunVariance	0.058472165
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.234115352
wavelet-LHH	glrlm	LongRunEmphasis	1.168813282
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	249.8360119
wavelet-LHH	glrlm	RunLengthNonUniformity	97.52758569
wavelet-LHH	glrlm	ShortRunEmphasis	0.962459216
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	301.5941131
wavelet-LHH	glrlm	RunPercentage	0.950306331

wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.01567504
wavelet-LHH	grlm	RunEntropy	4.155512061
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	259.3916588
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.906920633
wavelet-LHH	glszm	GrayLevelVariance	28.34
wavelet-LHH	glszm	ZoneVariance	4.069722222
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.068333333
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.48
wavelet-LHH	glszm	SizeZoneNonUniformity	28.8
wavelet-LHH	glszm	GrayLevelNonUniformity	4.1
wavelet-LHH	glszm	LargeAreaEmphasis	7.616666667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	194.0663827
wavelet-LHH	glszm	ZonePercentage	0.530973451
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.053558539
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1904.9
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	265.5
wavelet-LHH	glszm	SmallAreaEmphasis	0.719488284
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.022372282
wavelet-LHH	glszm	ZoneEntropy	4.918820387
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020763059
wavelet-LHH	ngtdm	Coarseness	0.045506953
wavelet-LHH	ngtdm	Complexity	705.0327456
wavelet-LHH	ngtdm	Strength	7.788488201
wavelet-LHH	ngtdm	Contrast	0.305197321
wavelet-LHH	ngtdm	Busyness	0.065949671
wavelet-LLH	gldm	GrayLevelVariance	150.9723549
wavelet-LLH	gldm	HighGrayLevelEmphasis	804.159292
wavelet-LLH	gldm	DependenceEntropy	5.714923626
wavelet-LLH	gldm	DependenceNonUniformity	38.34513274
wavelet-LLH	gldm	GrayLevelNonUniformity	4.840707965
wavelet-LLH	gldm	SmallDependenceEmphasis	0.580939036
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	563.853734
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.339337458
wavelet-LLH	gldm	LargeDependenceEmphasis	4.734513274
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.021895471
wavelet-LLH	gldm	DependenceVariance	1.181455087
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2580.548673
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010276659
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011488701
wavelet-LLH	glcm	JointAverage	24.73121199
wavelet-LLH	glcm	SumAverage	49.46242399
wavelet-LLH	glcm	JointEntropy	6.787880669
wavelet-LLH	glcm	ClusterShade	10228.91156
wavelet-LLH	glcm	MaximumProbability	0.027939712
wavelet-LLH	glcm	ldmn	0.960962723
wavelet-LLH	glcm	JointEnergy	0.010147204
wavelet-LLH	glcm	Contrast	199.0571577
wavelet-LLH	glcm	DifferenceEntropy	4.163137718
wavelet-LLH	glcm	InverseVariance	0.131183538
wavelet-LLH	glcm	DifferenceVariance	95.58313268
wavelet-LLH	glcm	ldn	0.88295858
wavelet-LLH	glcm	ldm	0.134270037
wavelet-LLH	glcm	Correlation	0.301531727

wavelet-LLH	glcm	Autocorrelation	658.3893511
wavelet-LLH	glcm	SumEntropy	5.016890448
wavelet-LLH	glcm	SumSquares	145.899545
wavelet-LLH	glcm	ClusterProminence	661742.8769
wavelet-LLH	glcm	Imc2	0.998160974
wavelet-LLH	glcm	Imc1	-0.587374994
wavelet-LLH	glcm	DifferenceAverage	9.646404328
wavelet-LLH	glcm	Id	0.21692659
wavelet-LLH	glcm	ClusterTendency	384.5410221
wavelet-LLH	firstorder	InterquartileRange	314.5789239
wavelet-LLH	firstorder	Skewness	1.205346543
wavelet-LLH	firstorder	Uniformity	0.042838124
wavelet-LLH	firstorder	Median	-64.55766758
wavelet-LLH	firstorder	Energy	10747775.69
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	138.0134851
wavelet-LLH	firstorder	MeanAbsoluteDeviation	233.1459763
wavelet-LLH	firstorder	TotalEnergy	290189943.7
wavelet-LLH	firstorder	Maximum	988.0015049
wavelet-LLH	firstorder	RootMeanSquared	308.4040519
wavelet-LLH	firstorder	90Percentile	476.6548799
wavelet-LLH	firstorder	Minimum	-598.6160863
wavelet-LLH	firstorder	Entropy	4.94825089
wavelet-LLH	firstorder	Range	1586.617591
wavelet-LLH	firstorder	Variance	94389.99033
wavelet-LLH	firstorder	10Percentile	-248.1305703
wavelet-LLH	firstorder	Kurtosis	4.137807637
wavelet-LLH	firstorder	Mean	26.88994033
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011726842
wavelet-LLH	glrlm	GrayLevelVariance	153.4268711
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011800571
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041316465
wavelet-LLH	glrlm	RunVariance	0.03682179
wavelet-LLH	glrlm	GrayLevelNonUniformity	4.511640286
wavelet-LLH	glrlm	LongRunEmphasis	1.110908895
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	801.3821249
wavelet-LLH	glrlm	RunLengthNonUniformity	102.1487796
wavelet-LLH	glrlm	ShortRunEmphasis	0.973902108
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	870.872951
wavelet-LLH	glrlm	RunPercentage	0.96596324
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012113628
wavelet-LLH	glrlm	RunEntropy	5.084487372
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	814.7801319
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.934552916
wavelet-LLH	glszm	GrayLevelVariance	177.2629657
wavelet-LLH	glszm	ZoneVariance	2.168188459
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031044558
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.598246896
wavelet-LLH	glszm	SizeZoneNonUniformity	44.27027027
wavelet-LLH	glszm	GrayLevelNonUniformity	2.297297297
wavelet-LLH	glszm	LargeAreaEmphasis	4.5
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	808.5718473
wavelet-LLH	glszm	ZonePercentage	0.654867257
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.025988461

wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2521
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	944.7027027
wavelet-LLH	glszm	SmallAreaEmphasis	0.801071488
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01602924
wavelet-LLH	glszm	ZoneEntropy	5.58290569
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015435335
wavelet-LLH	ngtdm	Coarseness	0.051268208
wavelet-LLH	ngtdm	Complexity	5412.504287
wavelet-LLH	ngtdm	Strength	49.30644265
wavelet-LLH	ngtdm	Contrast	1.092602559
wavelet-LLH	ngtdm	Busyness	0.024470368
wavelet-LLL	gldm	GrayLevelVariance	678.100556
wavelet-LLL	gldm	HighGrayLevelEmphasis	3960.477876
wavelet-LLL	gldm	DependenceEntropy	6.12757133
wavelet-LLL	gldm	DependenceNonUniformity	62.73451327
wavelet-LLL	gldm	GrayLevelNonUniformity	2.132743363
wavelet-LLL	gldm	SmallDependenceEmphasis	0.758603736
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2590.133235
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.555172684
wavelet-LLL	gldm	LargeDependenceEmphasis	2.044247788
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.010443115
wavelet-LLL	gldm	DependenceVariance	0.258595035
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	10080.99115
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009633154
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.009793186
wavelet-LLL	glcm	JointAverage	63.61036506
wavelet-LLL	glcm	SumAverage	127.2207301
wavelet-LLL	glcm	JointEntropy	7.103929495
wavelet-LLL	glcm	ClusterShade	-31108.09899
wavelet-LLL	glcm	MaximumProbability	0.014125002
wavelet-LLL	glcm	Idmn	0.93838528
wavelet-LLL	glcm	JointEnergy	0.007413014
wavelet-LLL	glcm	Contrast	711.5383073
wavelet-LLL	glcm	DifferenceEntropy	5.064520127
wavelet-LLL	glcm	InverseVariance	0.057177968
wavelet-LLL	glcm	DifferenceVariance	260.7915699
wavelet-LLL	glcm	Idn	0.839197087
wavelet-LLL	glcm	Idm	0.056444677
wavelet-LLL	glcm	Correlation	0.434738241
wavelet-LLL	glcm	Autocorrelation	4317.76089
wavelet-LLL	glcm	SumEntropy	5.754238515
wavelet-LLL	glcm	SumSquares	626.5807421
wavelet-LLL	glcm	ClusterProminence	7116993.61
wavelet-LLL	glcm	Imc2	0.9999165
wavelet-LLL	glcm	Imc1	-0.760721623
wavelet-LLL	glcm	DifferenceAverage	20.8802998
wavelet-LLL	glcm	Id	0.11564466
wavelet-LLL	glcm	ClusterTendency	1794.784661
wavelet-LLL	firstorder	InterquartileRange	1119.434234
wavelet-LLL	firstorder	Skewness	-0.206917431
wavelet-LLL	firstorder	Uniformity	0.018873835
wavelet-LLL	firstorder	Median	-609.9679881
wavelet-LLL	firstorder	Energy	99883036.32

wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	446.7307209
wavelet-LLL	firstorder	MeanAbsoluteDeviation	565.0779493
wavelet-LLL	firstorder	TotalEnergy	2696841981
wavelet-LLL	firstorder	Maximum	342.2983863
wavelet-LLL	firstorder	RootMeanSquared	940.1705566
wavelet-LLL	firstorder	90Percentile	147.5220373
wavelet-LLL	firstorder	Minimum	-2091.581535
wavelet-LLL	firstorder	Entropy	5.906159383
wavelet-LLL	firstorder	Range	2433.879922
wavelet-LLL	firstorder	Variance	422749.9476
wavelet-LLL	firstorder	10Percentile	-1526.847803
wavelet-LLL	firstorder	Kurtosis	1.840771052
wavelet-LLL	firstorder	Mean	-679.0955219
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.009908809
wavelet-LLL	grlm	GrayLevelVariance	676.0719224
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.009915147
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.018804038
wavelet-LLL	grlm	RunVariance	0.012918064
wavelet-LLL	grlm	GrayLevelNonUniformity	2.097436875
wavelet-LLL	grlm	LongRunEmphasis	1.039949808
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3877.97389
wavelet-LLL	grlm	RunLengthNonUniformity	108.7018599
wavelet-LLL	grlm	ShortRunEmphasis	0.990012548
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	4167.782667
wavelet-LLL	grlm	RunPercentage	0.987066031
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.009940499
wavelet-LLL	grlm	RunEntropy	5.928106033
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3935.935646
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.974163873
wavelet-LLL	glszm	GrayLevelVariance	642.9367361
wavelet-LLL	glszm	ZoneVariance	0.20382526
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.017655048
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.696921684
wavelet-LLL	glszm	SizeZoneNonUniformity	65.5106383
wavelet-LLL	glszm	GrayLevelNonUniformity	1.659574468
wavelet-LLL	glszm	LargeAreaEmphasis	1.64893617
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2821.50857
wavelet-LLL	glszm	ZonePercentage	0.831858407
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.012036627
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	7444.042553
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3592.351064
wavelet-LLL	glszm	SmallAreaEmphasis	0.861406619
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.011643327
wavelet-LLL	glszm	ZoneEntropy	6.104964782
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011547947
wavelet-LLL	ngtdm	Coarseness	0.036487455
wavelet-LLL	ngtdm	Complexity	31505.5531
wavelet-LLL	ngtdm	Strength	125.8514497
wavelet-LLL	ngtdm	Contrast	3.933050042
wavelet-LLL	ngtdm	Busyness	0.007940828
wavelet-HHL	gldm	GrayLevelVariance	11.90508262
wavelet-HHL	gldm	HighGrayLevelEmphasis	82.5840708
wavelet-HHL	gldm	DependenceEntropy	5.180069096

wavelet-HHL	gldm	DependenceNonUniformity	30.04424779
wavelet-HHL	gldm	GrayLevelNonUniformity	10.45132743
wavelet-HHL	gldm	SmallDependenceEmphasis	0.478008398
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	44.4661087
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.265878299
wavelet-HHL	gldm	LargeDependenceEmphasis	7.743362832
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.178532531
wavelet-HHL	gldm	DependenceVariance	2.40848931
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	519.7699115
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.031564704
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.043340003
wavelet-HHL	glcm	JointAverage	8.422572536
wavelet-HHL	glcm	SumAverage	16.84514507
wavelet-HHL	glcm	JointEntropy	6.201830825
wavelet-HHL	glcm	ClusterShade	16.67045773
wavelet-HHL	glcm	MaximumProbability	0.043989744
wavelet-HHL	glcm	Idmn	0.962181716
wavelet-HHL	glcm	JointEnergy	0.016664211
wavelet-HHL	glcm	Contrast	21.01934856
wavelet-HHL	glcm	DifferenceEntropy	3.11996175
wavelet-HHL	glcm	InverseVariance	0.266245909
wavelet-HHL	glcm	DifferenceVariance	8.225518519
wavelet-HHL	glcm	Idn	0.871185836
wavelet-HHL	glcm	Idm	0.23656241
wavelet-HHL	glcm	Correlation	0.022163905
wavelet-HHL	glcm	Autocorrelation	71.18575286
wavelet-HHL	glcm	SumEntropy	3.940305791
wavelet-HHL	glcm	SumSquares	10.74442542
wavelet-HHL	glcm	ClusterProminence	1855.632783
wavelet-HHL	glcm	Imc2	0.935840327
wavelet-HHL	glcm	Imc1	-0.290258018
wavelet-HHL	glcm	DifferenceAverage	3.544949663
wavelet-HHL	glcm	Id	0.329978808
wavelet-HHL	glcm	ClusterTendency	21.95835314
wavelet-HHL	firstorder	InterquartileRange	88.62174665
wavelet-HHL	firstorder	Skewness	0.618191139
wavelet-HHL	firstorder	Uniformity	0.092489623
wavelet-HHL	firstorder	Median	-5.402249134
wavelet-HHL	firstorder	Energy	832620.508
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	41.7212731
wavelet-HHL	firstorder	MeanAbsoluteDeviation	64.97699771
wavelet-HHL	firstorder	TotalEnergy	22480753.72
wavelet-HHL	firstorder	Maximum	339.1735649
wavelet-HHL	firstorder	RootMeanSquared	85.83893685
wavelet-HHL	firstorder	90Percentile	101.902374
wavelet-HHL	firstorder	Minimum	-182.7383816
wavelet-HHL	firstorder	Entropy	3.683897218
wavelet-HHL	firstorder	Range	521.9119465
wavelet-HHL	firstorder	Variance	7366.394891
wavelet-HHL	firstorder	10Percentile	-106.7952191
wavelet-HHL	firstorder	Kurtosis	4.637764074
wavelet-HHL	firstorder	Mean	-1.388592598
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.04377343



wavelet-HHL	glrlm	GrayLevelVariance	12.31239292
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.044549481
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.0900224
wavelet-HHL	glrlm	RunVariance	0.063404581
wavelet-HHL	glrlm	GrayLevelNonUniformity	9.665615748
wavelet-HHL	glrlm	LongRunEmphasis	1.175378914
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	80.84317299
wavelet-HHL	glrlm	RunLengthNonUniformity	97.83991884
wavelet-HHL	glrlm	ShortRunEmphasis	0.963575951
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	95.20602058
wavelet-HHL	glrlm	RunPercentage	0.949625596
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.048179836
wavelet-HHL	glrlm	RunEntropy	3.909628443
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	83.36165253
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.910435652
wavelet-HHL	glszm	GrayLevelVariance	17.20080625
wavelet-HHL	glszm	ZoneVariance	3.084404132
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.073822121
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.498110355
wavelet-HHL	glszm	SizeZoneNonUniformity	31.38095238
wavelet-HHL	glszm	GrayLevelNonUniformity	4.650793651
wavelet-HHL	glszm	LargeAreaEmphasis	6.301587302
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	69.96614118
wavelet-HHL	glszm	ZonePercentage	0.557522124
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.160993309
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	464.8253968
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	90.12698413
wavelet-HHL	glszm	SmallAreaEmphasis	0.732931719
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.060689014
wavelet-HHL	glszm	ZoneEntropy	4.678097837
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.053754759
wavelet-HHL	ngtdm	Coarseness	0.055937674
wavelet-HHL	ngtdm	Complexity	293.2472962
wavelet-HHL	ngtdm	Strength	5.368495761
wavelet-HHL	ngtdm	Contrast	0.225639764
wavelet-HHL	ngtdm	Busyness	0.144417033
wavelet-HLH	gldm	GrayLevelVariance	16.52298536
wavelet-HLH	gldm	HighGrayLevelEmphasis	266.6106195
wavelet-HLH	gldm	DependenceEntropy	5.280751998
wavelet-HLH	gldm	DependenceNonUniformity	28.71681416
wavelet-HLH	gldm	GrayLevelNonUniformity	9.460176991
wavelet-HLH	gldm	SmallDependenceEmphasis	0.400459685
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	104.7375811
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.254131099
wavelet-HLH	gldm	LargeDependenceEmphasis	6.646017699
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038667059
wavelet-HLH	gldm	DependenceVariance	1.229070405
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1800.59292
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013187883
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015692035
wavelet-HLH	glcm	JointAverage	15.75246982
wavelet-HLH	glcm	SumAverage	31.50493965
wavelet-HLH	glcm	JointEntropy	6.432300057

wavelet-HLH	glcm	ClusterShade	-101.7802883
wavelet-HLH	glcm	MaximumProbability	0.031770861
wavelet-HLH	glcm	Idmn	0.95259201
wavelet-HLH	glcm	JointEnergy	0.013240256
wavelet-HLH	glcm	Contrast	38.82802257
wavelet-HLH	glcm	DifferenceEntropy	3.484098801
wavelet-HLH	glcm	InverseVariance	0.211312008
wavelet-HLH	glcm	DifferenceVariance	16.36862033
wavelet-HLH	glcm	Idn	0.861044781
wavelet-HLH	glcm	Idm	0.207694924
wavelet-HLH	glcm	Correlation	-0.03571649
wavelet-HLH	glcm	Autocorrelation	247.5377005
wavelet-HLH	glcm	SumEntropy	4.220446396
wavelet-HLH	glcm	SumSquares	18.79079536
wavelet-HLH	glcm	ClusterProminence	5671.368315
wavelet-HLH	glcm	Imc2	0.962293483
wavelet-HLH	glcm	Imc1	-0.339334196
wavelet-HLH	glcm	DifferenceAverage	4.669889037
wavelet-HLH	glcm	Id	0.299387202
wavelet-HLH	glcm	ClusterTendency	36.33515888
wavelet-HLH	firstorder	InterquartileRange	125.9903766
wavelet-HLH	firstorder	Skewness	-0.749740701
wavelet-HLH	firstorder	Uniformity	0.08371838
wavelet-HLH	firstorder	Median	11.86019235
wavelet-HLH	firstorder	Energy	1144123.518
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	49.29140523
wavelet-HLH	firstorder	MeanAbsoluteDeviation	75.59673046
wavelet-HLH	firstorder	TotalEnergy	30891335
wavelet-HLH	firstorder	Maximum	250.0508954
wavelet-HLH	firstorder	RootMeanSquared	100.6229938
wavelet-HLH	firstorder	90Percentile	116.3712992
wavelet-HLH	firstorder	Minimum	-373.7049796
wavelet-HLH	firstorder	Entropy	3.845738745
wavelet-HLH	firstorder	Range	623.755875
wavelet-HLH	firstorder	Variance	10060.68923
wavelet-HLH	firstorder	10Percentile	-90.75086427
wavelet-HLH	firstorder	Kurtosis	4.961509008
wavelet-HLH	firstorder	Mean	8.018582299
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.016159557
wavelet-HLH	grlm	GrayLevelVariance	17.03335961
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.01632487
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.081950112
wavelet-HLH	grlm	RunVariance	0.05360592
wavelet-HLH	grlm	GrayLevelNonUniformity	8.790616728
wavelet-HLH	grlm	LongRunEmphasis	1.166835847
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	255.5648478
wavelet-HLH	grlm	RunLengthNonUniformity	96.77554989
wavelet-HLH	grlm	ShortRunEmphasis	0.959881214
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	311.6098481
wavelet-HLH	grlm	RunPercentage	0.94894486
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.017010339
wavelet-HLH	grlm	RunEntropy	4.083911184
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	266.3953536

wavelet-HLH	g1rlm	RunLengthNonUniformityNormalized	0.901015266
wavelet-HLH	glszm	GrayLevelVariance	25.78284439
wavelet-HLH	glszm	ZoneVariance	3.303252551
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.06505102
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.394132653
wavelet-HLH	glszm	SizeZoneNonUniformity	22.07142857
wavelet-HLH	glszm	GrayLevelNonUniformity	3.642857143
wavelet-HLH	glszm	LargeAreaEmphasis	7.375
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	168.4620012
wavelet-HLH	glszm	ZonePercentage	0.495575221
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.054096608
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1926.625
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	264.375
wavelet-HLH	glszm	SmallAreaEmphasis	0.650141093
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.027430875
wavelet-HLH	glszm	ZoneEntropy	5.101823226
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025948844
wavelet-HLH	ngtdm	Coarseness	0.044254623
wavelet-HLH	ngtdm	Complexity	594.1505856
wavelet-HLH	ngtdm	Strength	7.393715585
wavelet-HLH	ngtdm	Contrast	0.257268269
wavelet-HLH	ngtdm	Busyness	0.066308444

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	878
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original	shape	MinorAxis	33.70893456
original	shape	Elongation	0.975412135
original	shape	SurfaceVolumeRatio	0.205089849
original	shape	Volume	23706
original	shape	MajorAxis	34.55865817
original	shape	SurfaceArea	4861.859965
original	shape	Flatness	0.853844424
original	shape	LeastAxis	29.50771757
original	shape	Maximum2DDiameterColumn	39.11521443
original	shape	Maximum2DDiameterRow	40.36087214
original	gldm	GrayLevelVariance	73.65104996
original	gldm	HighGrayLevelEmphasis	1224.854214
original	gldm	DependenceEntropy	6.676710113
original	gldm	DependenceNonUniformity	114.1116173
original	gldm	GrayLevelNonUniformity	104.2551253
original	gldm	SmallDependenceEmphasis	0.338506112
original	gldm	SmallDependenceHighGrayLevelEmphasis	346.3028851
original	gldm	DependenceNonUniformityNormalized	0.129967673
original	gldm	LargeDependenceEmphasis	51.0022779
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.038104592
original	gldm	DependenceVariance	22.95331074
original	gldm	LargeDependenceHighGrayLevelEmphasis	72206.72437
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.001888294
original	gldm	LowGrayLevelEmphasis	0.002469925
original	glcm	JointAverage	35.15249755
original	glcm	SumAverage	70.3049951

original	glcm	JointEntropy	6.889133193
original	glcm	ClusterShade	-1966.779367
original	glcm	MaximumProbability	0.122845725
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original	glcm	JointEnergy	0.036524869
original	glcm	Contrast	65.16484508
original	glcm	DifferenceEntropy	3.669782213
original	glcm	InverseVariance	0.298676396
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original	glcm	Idn	0.938923644
original	glcm	Idm	0.369095155
original	glcm	Correlation	0.442951562
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original	glcm	SumEntropy	4.863701539
original	glcm	SumSquares	58.8757693
original	glcm	ClusterProminence	144817.8414
original	glcm	Imc2	0.921158143
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original	glcm	DifferenceAverage	4.859304178
original	glcm	Id	0.423932936
original	glcm	ClusterTendency	170.3382321
original	firstorder	InterquartileRange	171
original	firstorder	Skewness	-0.826702861
original	firstorder	Uniformity	0.118741601
original	firstorder	Median	14
original	firstorder	Energy	44060837
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original	firstorder	TotalEnergy	1189642599
original	firstorder	Maximum	751
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original	firstorder	90Percentile	61
original	firstorder	Minimum	-877
original	firstorder	Entropy	4.205402542
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original	firstorder	Variance	45947.96307
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original	glrlm	GrayLevelVariance	84.188073
original	glrlm	LowGrayLevelRunEmphasis	0.002812561
original	glrlm	GrayLevelNonUniformityNormalized	0.085002141
original	glrlm	RunVariance	0.334575731
original	glrlm	GrayLevelNonUniformity	62.32804163
original	glrlm	LongRunEmphasis	1.771456997
original	glrlm	ShortRunHighGrayLevelEmphasis	1037.140873
original	glrlm	RunLengthNonUniformity	552.6373205
original	glrlm	ShortRunEmphasis	0.890045785
original	glrlm	LongRunHighGrayLevelEmphasis	2275.169296
original	glrlm	RunPercentage	0.834764325
original	glrlm	LongRunLowGrayLevelEmphasis	0.003379114
original	glrlm	RunEntropy	5.111915164
original	glrlm	HighGrayLevelRunEmphasis	1190.094712
original	glrlm	RunLengthNonUniformityNormalized	0.753588561

original	glszm	GrayLevelVariance	134.7475724
original	glszm	ZoneVariance	246.0838195
original	glszm	GrayLevelNonUniformityNormalized	0.029583349
original	glszm	SizeZoneNonUniformityNormalized	0.584986262
original	glszm	SizeZoneNonUniformity	190.7055215
original	glszm	GrayLevelNonUniformity	9.644171779
original	glszm	LargeAreaEmphasis	253.3374233
original	glszm	SmallAreaHighGrayLevelEmphasis	792.033448
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original	glszm	HighGrayLevelZoneEmphasis	1016.254601
original	glszm	SmallAreaEmphasis	0.792900491
original	glszm	LowGrayLevelZoneEmphasis	0.005234408
original	glszm	ZoneEntropy	6.268951019
original	glszm	SmallAreaLowGrayLevelEmphasis	0.004947631
original	ngtdm	Coarseness	0.005023258
original	ngtdm	Complexity	5446.702688
original	ngtdm	Strength	13.32302264
original	ngtdm	Contrast	0.169272279
original	ngtdm	Busyness	0.067862195
wavelet-HHH	gldm	GrayLevelVariance	5.810110211
wavelet-HHH	gldm	HighGrayLevelEmphasis	162.4589977
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wavelet-HHH	gldm	DependenceNonUniformity	98.6833713
wavelet-HHH	gldm	GrayLevelNonUniformity	129.9134396
wavelet-HHH	gldm	SmallDependenceEmphasis	0.232973115
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	39.43303941
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.112395639
wavelet-HHH	gldm	LargeDependenceEmphasis	37.69703872
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.244203862
wavelet-HHH	gldm	DependenceVariance	13.82301877
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	5989.982916
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003302906
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.008542632
wavelet-HHH	glcm	JointAverage	12.51346022
wavelet-HHH	glcm	SumAverage	25.02692044
wavelet-HHH	glcm	JointEntropy	6.029253624
wavelet-HHH	glcm	ClusterShade	-4.231465871
wavelet-HHH	glcm	MaximumProbability	0.08453219
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wavelet-HHH	glcm	JointEnergy	0.031420847
wavelet-HHH	glcm	Contrast	11.25664836
wavelet-HHH	glcm	DifferenceEntropy	2.854756461
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wavelet-HHH	glcm	Idn	0.911265169
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wavelet-HHH	glcm	Correlation	-0.030258734
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wavelet-HHH	glcm	SumEntropy	3.60189568
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wavelet-HHH	glcm	ClusterProminence	604.8622731
wavelet-HHH	glcm	Imc2	0.593945338
wavelet-HHH	glcm	Imc1	-0.070647634

wavelet-HHH	glcm	DifferenceAverage	2.347612169
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wavelet-HHH	glcm	ClusterTendency	10.5598186
wavelet-HHH	firstorder	InterquartileRange	54.95640622
wavelet-HHH	firstorder	Skewness	-0.102968335
wavelet-HHH	firstorder	Uniformity	0.147965193
wavelet-HHH	firstorder	Median	1.005994963
wavelet-HHH	firstorder	Energy	3161834.007
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	25.21864939
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wavelet-HHH	firstorder	TotalEnergy	85369518.19
wavelet-HHH	firstorder	Maximum	242.3169592
wavelet-HHH	firstorder	RootMeanSquared	60.00981323
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wavelet-HHH	firstorder	Minimum	-288.5785081
wavelet-HHH	firstorder	Entropy	3.198563508
wavelet-HHH	firstorder	Range	530.8954673
wavelet-HHH	firstorder	Variance	3601.143945
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wavelet-HHH	firstorder	Kurtosis	4.990282258
wavelet-HHH	firstorder	Mean	0.183683615
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.008192842
wavelet-HHH	glrlm	GrayLevelVariance	6.592055759
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.008895116
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.128732897
wavelet-HHH	glrlm	RunVariance	0.24900294
wavelet-HHH	glrlm	GrayLevelNonUniformity	96.1355704
wavelet-HHH	glrlm	LongRunEmphasis	1.631843179
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	146.1563621
wavelet-HHH	glrlm	RunLengthNonUniformity	566.5624258
wavelet-HHH	glrlm	ShortRunEmphasis	0.893412035
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	263.598871
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.013002764
wavelet-HHH	glrlm	RunEntropy	3.942948303
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	163.0789251
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.758554599
wavelet-HHH	glszm	GrayLevelVariance	14.61855775
wavelet-HHH	glszm	ZoneVariance	342.015989
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wavelet-HHH	glszm	GrayLevelNonUniformity	18.7027027
wavelet-HHH	glszm	LargeAreaEmphasis	357.6576577
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	113.4321667
wavelet-HHH	glszm	ZonePercentage	0.25284738
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.293733161
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	56556.19369
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	168.4009009
wavelet-HHH	glszm	SmallAreaEmphasis	0.663270136
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.013849735
wavelet-HHH	glszm	ZoneEntropy	5.430208089
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.011213472
wavelet-HHH	ngtdm	Coarseness	0.008214799
wavelet-HHH	ngtdm	Complexity	305.4728485

wavelet-HHH	ngtdm	Strength	1.054393529
wavelet-HHH	ngtdm	Contrast	0.055615482
wavelet-HHH	ngtdm	Busyness	0.365770294
wavelet-HLL	gldm	GrayLevelVariance	25.90488322
wavelet-HLL	gldm	HighGrayLevelEmphasis	694.5808656
wavelet-HLL	gldm	DependenceEntropy	6.633492354
wavelet-HLL	gldm	DependenceNonUniformity	149.5079727
wavelet-HLL	gldm	GrayLevelNonUniformity	61.9453303
wavelet-HLL	gldm	SmallDependenceEmphasis	0.320168767
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	229.7178748
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.170282429
wavelet-HLL	gldm	LargeDependenceEmphasis	22.63781321
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.033534368
wavelet-HLL	gldm	DependenceVariance	9.47033795
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	16439.45786
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001813357
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002914966
wavelet-HLL	glcm	JointAverage	25.76659626
wavelet-HLL	glcm	SumAverage	51.53319252
wavelet-HLL	glcm	JointEntropy	7.67095795
wavelet-HLL	glcm	ClusterShade	-109.822662
wavelet-HLL	glcm	MaximumProbability	0.041399699
wavelet-HLL	glcm	Idmn	0.986527724
wavelet-HLL	glcm	JointEnergy	0.009768359
wavelet-HLL	glcm	Contrast	36.71090967
wavelet-HLL	glcm	DifferenceEntropy	3.562658336
wavelet-HLL	glcm	InverseVariance	0.258084654
wavelet-HLL	glcm	DifferenceVariance	19.04622699
wavelet-HLL	glcm	Idn	0.929007782
wavelet-HLL	glcm	Idm	0.275932789
wavelet-HLL	glcm	Correlation	0.227560053
wavelet-HLL	glcm	Autocorrelation	669.4992329
wavelet-HLL	glcm	SumEntropy	4.803154861
wavelet-HLL	glcm	SumSquares	23.93584756
wavelet-HLL	glcm	ClusterProminence	17959.91803
wavelet-HLL	glcm	Imc2	0.839317391
wavelet-HLL	glcm	Imc1	-0.151773807
wavelet-HLL	glcm	DifferenceAverage	4.13425729
wavelet-HLL	glcm	Id	0.356823901
wavelet-HLL	glcm	ClusterTendency	59.03248057
wavelet-HLL	firstorder	InterquartileRange	132.4048726
wavelet-HLL	firstorder	Skewness	-0.09187591
wavelet-HLL	firstorder	Uniformity	0.070552768
wavelet-HLL	firstorder	Median	-28.08844881
wavelet-HLL	firstorder	Energy	15647832.41
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	58.38680387
wavelet-HLL	firstorder	MeanAbsoluteDeviation	93.08843169
wavelet-HLL	firstorder	TotalEnergy	422491475
wavelet-HLL	firstorder	Maximum	570.2897113
wavelet-HLL	firstorder	RootMeanSquared	133.4995602
wavelet-HLL	firstorder	90Percentile	99.9868111
wavelet-HLL	firstorder	Minimum	-655.5563739
wavelet-HLL	firstorder	Entropy	4.245996987
wavelet-HLL	firstorder	Range	1225.846085
wavelet-HLL	firstorder	Variance	16114.54696



wavelet-HLL	firstorder	10Percentile	-204.5945854
wavelet-HLL	firstorder	Kurtosis	5.366453227
wavelet-HLL	firstorder	Mean	-41.32294301
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002967361
wavelet-HLL	glrlm	GrayLevelVariance	27.89637123
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.003076803
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.064309716
wavelet-HLL	glrlm	RunVariance	0.150525706
wavelet-HLL	glrlm	GrayLevelNonUniformity	50.7833395
wavelet-HLL	glrlm	LongRunEmphasis	1.391714608
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	641.5737348
wavelet-HLL	glrlm	RunLengthNonUniformity	654.5716136
wavelet-HLL	glrlm	ShortRunEmphasis	0.927426984
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	972.2907401
wavelet-HLL	glrlm	RunPercentage	0.898896093
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.003654526
wavelet-HLL	glrlm	RunEntropy	4.762319776
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	692.8125761
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.828352867
wavelet-HLL	glszm	GrayLevelVariance	48.2941391
wavelet-HLL	glszm	ZoneVariance	63.38396506
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.043327816
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.405680405
wavelet-HLL	glszm	SizeZoneNonUniformity	132.6574924
wavelet-HLL	glszm	GrayLevelNonUniformity	14.16819572
wavelet-HLL	glszm	LargeAreaEmphasis	70.59327217
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	483.7465334
wavelet-HLL	glszm	ZonePercentage	0.372437358
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.101079329
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	51974.12844
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	708.1712538
wavelet-HLL	glszm	SmallAreaEmphasis	0.658999676
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.005145175
wavelet-HLL	glszm	ZoneEntropy	6.244029078
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004524323
wavelet-HLL	ngtdm	Coarseness	0.009417915
wavelet-HLL	ngtdm	Complexity	1786.094011
wavelet-HLL	ngtdm	Strength	5.227052005
wavelet-HLL	ngtdm	Contrast	0.106012546
wavelet-HLL	ngtdm	Busyness	0.084666157
wavelet-LHL	gldm	GrayLevelVariance	51.78954681
wavelet-LHL	gldm	HighGrayLevelEmphasis	1033.591116
wavelet-LHL	gldm	DependenceEntropy	6.705601963
wavelet-LHL	gldm	DependenceNonUniformity	182.6241458
wavelet-LHL	gldm	GrayLevelNonUniformity	56.37357631
wavelet-LHL	gldm	SmallDependenceEmphasis	0.446746029
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	465.3764707
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.208000166
wavelet-LHL	gldm	LargeDependenceEmphasis	21.22095672
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030412769
wavelet-LHL	gldm	DependenceVariance	9.993114399
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	22377.66629
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001667656
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.003994983
wavelet-LHL	glcm	JointAverage	31.16699343

wavelet-LHL	glcm	SumAverage	62.33398687
wavelet-LHL	glcm	JointEntropy	7.998590497
wavelet-LHL	glcm	ClusterShade	-539.976797
wavelet-LHL	glcm	MaximumProbability	0.049454192
wavelet-LHL	glcm	Idmn	0.982490892
wavelet-LHL	glcm	JointEnergy	0.010390668
wavelet-LHL	glcm	Contrast	84.20292406
wavelet-LHL	glcm	DifferenceEntropy	4.000918304
wavelet-LHL	glcm	InverseVariance	0.237468341
wavelet-LHL	glcm	DifferenceVariance	47.29979229
wavelet-LHL	glcm	Idn	0.92399612
wavelet-LHL	glcm	Idm	0.24874656
wavelet-LHL	glcm	Correlation	0.096572599
wavelet-LHL	glcm	Autocorrelation	976.1410383
wavelet-LHL	glcm	SumEntropy	5.030131916
wavelet-LHL	glcm	SumSquares	46.85862982
wavelet-LHL	glcm	ClusterProminence	71201.11452
wavelet-LHL	glcm	Imc2	0.911463658
wavelet-LHL	glcm	Imc1	-0.203777159
wavelet-LHL	glcm	DifferenceAverage	5.922702783
wavelet-LHL	glcm	Id	0.32339685
wavelet-LHL	glcm	ClusterTendency	103.2315952
wavelet-LHL	firstorder	InterquartileRange	145.4589221
wavelet-LHL	firstorder	Skewness	-0.259749869
wavelet-LHL	firstorder	Uniformity	0.064206807
wavelet-LHL	firstorder	Median	-10.01189388
wavelet-LHL	firstorder	Energy	29089870.66
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	68.21581595
wavelet-LHL	firstorder	MeanAbsoluteDeviation	122.6618262
wavelet-LHL	firstorder	TotalEnergy	785426507.9
wavelet-LHL	firstorder	Maximum	808.3338569
wavelet-LHL	firstorder	RootMeanSquared	182.0218974
wavelet-LHL	firstorder	90Percentile	146.6271977
wavelet-LHL	firstorder	Minimum	-798.5220744
wavelet-LHL	firstorder	Entropy	4.596413643
wavelet-LHL	firstorder	Range	1606.855931
wavelet-LHL	firstorder	Variance	32281.14058
wavelet-LHL	firstorder	10Percentile	-247.0054169
wavelet-LHL	firstorder	Kurtosis	5.948695172
wavelet-LHL	firstorder	Mean	-29.16899997
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004052139
wavelet-LHL	glrlm	GrayLevelVariance	56.09257744
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.004192664
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.055288262
wavelet-LHL	glrlm	RunVariance	0.138673307
wavelet-LHL	glrlm	GrayLevelNonUniformity	44.19616308
wavelet-LHL	glrlm	LongRunEmphasis	1.350329756
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	966.6080732
wavelet-LHL	glrlm	RunLengthNonUniformity	679.5690827
wavelet-LHL	glrlm	ShortRunEmphasis	0.937122728
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1399.48631
wavelet-LHL	glrlm	RunPercentage	0.909584721
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.004848536
wavelet-LHL	glrlm	RunEntropy	5.086113709
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1032.291134

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.850030889
wavelet-LHL	glszm	GrayLevelVariance	88.46294153
wavelet-LHL	glszm	ZoneVariance	54.15172754
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.03377915
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.593514232
wavelet-LHL	glszm	SizeZoneNonUniformity	256.3981481
wavelet-LHL	glszm	GrayLevelNonUniformity	14.59259259
wavelet-LHL	glszm	LargeAreaEmphasis	58.28240741
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	834.3339014
wavelet-LHL	glszm	ZonePercentage	0.492027335
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.066161448
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	61717.5625
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1034.310185
wavelet-LHL	glszm	SmallAreaEmphasis	0.797444453
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.004690717
wavelet-LHL	glszm	ZoneEntropy	6.152935307
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002675489
wavelet-LHL	ngtdm	Coarseness	0.008293067
wavelet-LHL	ngtdm	Complexity	5208.78876
wavelet-LHL	ngtdm	Strength	8.558465896
wavelet-LHL	ngtdm	Contrast	0.170099032
wavelet-LHL	ngtdm	Busyness	0.054230818
wavelet-LHH	gldm	GrayLevelVariance	30.50530041
wavelet-LHH	gldm	HighGrayLevelEmphasis	737.7744875
wavelet-LHH	gldm	DependenceEntropy	6.479368109
wavelet-LHH	gldm	DependenceNonUniformity	150.1776765
wavelet-LHH	gldm	GrayLevelNonUniformity	75.56036446
wavelet-LHH	gldm	SmallDependenceEmphasis	0.387519929
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	296.7767715
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.17104519
wavelet-LHH	gldm	LargeDependenceEmphasis	26.90432802
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041327144
wavelet-LHH	gldm	DependenceVariance	12.36374344
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	18882.59909
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003068704
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003976679
wavelet-LHH	glcm	JointAverage	26.55187379
wavelet-LHH	glcm	SumAverage	53.10374758
wavelet-LHH	glcm	JointEntropy	7.433564021
wavelet-LHH	glcm	ClusterShade	207.215502
wavelet-LHH	glcm	MaximumProbability	0.058069935
wavelet-LHH	glcm	Idmn	0.985425185
wavelet-LHH	glcm	JointEnergy	0.015268427
wavelet-LHH	glcm	Contrast	60.01056005
wavelet-LHH	glcm	DifferenceEntropy	3.745172335
wavelet-LHH	glcm	InverseVariance	0.269073395
wavelet-LHH	glcm	DifferenceVariance	35.96457438
wavelet-LHH	glcm	Idn	0.932203075
wavelet-LHH	glcm	Idm	0.2885926
wavelet-LHH	glcm	Correlation	-0.020572745
wavelet-LHH	glcm	Autocorrelation	704.4000625
wavelet-LHH	glcm	SumEntropy	4.568185928
wavelet-LHH	glcm	SumSquares	29.40047411
wavelet-LHH	glcm	ClusterProminence	34362.61747
wavelet-LHH	glcm	Imc2	0.85746401

wavelet-LHH	glcm	Imc1	-0.166367032
wavelet-LHH	glcm	DifferenceAverage	4.826928407
wavelet-LHH	glcm	Id	0.361797802
wavelet-LHH	glcm	ClusterTendency	57.5913364
wavelet-LHH	firstorder	InterquartileRange	101.2326389
wavelet-LHH	firstorder	Skewness	0.465939275
wavelet-LHH	firstorder	Uniformity	0.086059641
wavelet-LHH	firstorder	Median	-0.933942438
wavelet-LHH	firstorder	Energy	16663834.52
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	45.28759434
wavelet-LHH	firstorder	MeanAbsoluteDeviation	87.79743247
wavelet-LHH	firstorder	TotalEnergy	449923532.1
wavelet-LHH	firstorder	Maximum	844.4101755
wavelet-LHH	firstorder	RootMeanSquared	137.765418
wavelet-LHH	firstorder	90Percentile	147.5688357
wavelet-LHH	firstorder	Minimum	-633.6950558
wavelet-LHH	firstorder	Entropy	4.16650013
wavelet-LHH	firstorder	Range	1478.105231
wavelet-LHH	firstorder	Variance	18972.17565
wavelet-LHH	firstorder	10Percentile	-128.5819375
wavelet-LHH	firstorder	Kurtosis	8.826500484
wavelet-LHH	firstorder	Mean	2.671093543
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004174782
wavelet-LHH	glrlm	GrayLevelVariance	33.65907547
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.004284265
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.073790802
wavelet-LHH	glrlm	RunVariance	0.1733062
wavelet-LHH	glrlm	GrayLevelNonUniformity	57.80100181
wavelet-LHH	glrlm	LongRunEmphasis	1.43259418
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	688.6121851
wavelet-LHH	glrlm	RunLengthNonUniformity	644.857262
wavelet-LHH	glrlm	ShortRunEmphasis	0.924781064
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1046.193157
wavelet-LHH	glrlm	RunPercentage	0.891799544
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.004911924
wavelet-LHH	glrlm	RunEntropy	4.742572605
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	741.7803115
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.823092784
wavelet-LHH	glszm	GrayLevelVariance	59.10738071
wavelet-LHH	glszm	ZoneVariance	102.3201598
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.04170348
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.577174083
wavelet-LHH	glszm	SizeZoneNonUniformity	211.8228883
wavelet-LHH	glszm	GrayLevelNonUniformity	15.30517711
wavelet-LHH	glszm	LargeAreaEmphasis	108.0435967
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	606.0726144
wavelet-LHH	glszm	ZonePercentage	0.417995444
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.161052986
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	75724.29973
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	774.1961853
wavelet-LHH	glszm	SmallAreaEmphasis	0.786307293
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.007454224
wavelet-LHH	glszm	ZoneEntropy	5.874182173
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007128577
wavelet-LHH	ngtdm	Coarseness	0.009108294

wavelet-LHH	ngtdm	Complexity	2984.146522
wavelet-LHH	ngtdm	Strength	5.897792804
wavelet-LHH	ngtdm	Contrast	0.119498637
wavelet-LHH	ngtdm	Busyness	0.067739056
wavelet-LLH	gldm	GrayLevelVariance	73.4297871
wavelet-LLH	gldm	HighGrayLevelEmphasis	1468.341686
wavelet-LLH	gldm	DependenceEntropy	6.842430059
wavelet-LLH	gldm	DependenceNonUniformity	187.667426
wavelet-LLH	gldm	GrayLevelNonUniformity	50.27562642
wavelet-LLH	gldm	SmallDependenceEmphasis	0.44279644
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	722.3325341
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.213744221
wavelet-LLH	gldm	LargeDependenceEmphasis	19.41002278
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.015482165
wavelet-LLH	gldm	DependenceVariance	9.064787958
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	27018.46925
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001556519
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002005564
wavelet-LLH	glcm	JointAverage	37.06916247
wavelet-LLH	glcm	SumAverage	74.13832494
wavelet-LLH	glcm	JointEntropy	8.233434038
wavelet-LLH	glcm	ClusterShade	1621.614134
wavelet-LLH	glcm	MaximumProbability	0.041604732
wavelet-LLH	glcm	Idmn	0.985211375
wavelet-LLH	glcm	JointEnergy	0.008564226
wavelet-LLH	glcm	Contrast	124.7347749
wavelet-LLH	glcm	DifferenceEntropy	4.200452754
wavelet-LLH	glcm	InverseVariance	0.22238898
wavelet-LLH	glcm	DifferenceVariance	73.59522994
wavelet-LLH	glcm	Idn	0.93188518
wavelet-LLH	glcm	Idm	0.234326963
wavelet-LLH	glcm	Correlation	0.073677949
wavelet-LLH	glcm	Autocorrelation	1379.324204
wavelet-LLH	glcm	SumEntropy	5.198090491
wavelet-LLH	glcm	SumSquares	67.55964023
wavelet-LLH	glcm	ClusterProminence	198270.4551
wavelet-LLH	glcm	Imc2	0.94170619
wavelet-LLH	glcm	Imc1	-0.236013536
wavelet-LLH	glcm	DifferenceAverage	6.9596684
wavelet-LLH	glcm	Id	0.307827743
wavelet-LLH	glcm	ClusterTendency	145.5037861
wavelet-LLH	firstorder	InterquartileRange	165.5922026
wavelet-LLH	firstorder	Skewness	0.867671818
wavelet-LLH	firstorder	Uniformity	0.057261534
wavelet-LLH	firstorder	Median	-10.81148146
wavelet-LLH	firstorder	Energy	40141841.04
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	72.60986673
wavelet-LLH	firstorder	MeanAbsoluteDeviation	138.3806079
wavelet-LLH	firstorder	TotalEnergy	1083829708
wavelet-LLH	firstorder	Maximum	1204.995088
wavelet-LLH	firstorder	RootMeanSquared	213.8215067
wavelet-LLH	firstorder	90Percentile	211.445447
wavelet-LLH	firstorder	Minimum	-911.6526409
wavelet-LLH	firstorder	Entropy	4.793006897
wavelet-LLH	firstorder	Range	2116.647729

wavelet-LLH	firstorder	Variance	45702.89171
wavelet-LLH	firstorder	10Percentile	-233.6111306
wavelet-LLH	firstorder	Kurtosis	7.771780431
wavelet-LLH	firstorder	Mean	-4.092067504
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002077388
wavelet-LLH	glrlm	GrayLevelVariance	79.41923221
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002122821
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.049773956
wavelet-LLH	glrlm	RunVariance	0.127673981
wavelet-LLH	glrlm	GrayLevelNonUniformity	39.99441711
wavelet-LLH	glrlm	LongRunEmphasis	1.324736217
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1395.968881
wavelet-LLH	glrlm	RunLengthNonUniformity	688.6465109
wavelet-LLH	glrlm	ShortRunEmphasis	0.940334383
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1923.633941
wavelet-LLH	glrlm	RunPercentage	0.914753811
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.002366588
wavelet-LLH	glrlm	RunEntropy	5.261401302
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1477.514101
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.856741184
wavelet-LLH	glszm	GrayLevelVariance	129.0195003
wavelet-LLH	glszm	ZoneVariance	44.3589161
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030314936
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.558538087
wavelet-LLH	glszm	SizeZoneNonUniformity	242.40553
wavelet-LLH	glszm	GrayLevelNonUniformity	13.15668203
wavelet-LLH	glszm	LargeAreaEmphasis	48.4516129
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1304.957032
wavelet-LLH	glszm	ZonePercentage	0.494305239
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037715764
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	67392.63134
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1599.582949
wavelet-LLH	glszm	SmallAreaEmphasis	0.775480989
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003242875
wavelet-LLH	glszm	ZoneEntropy	6.429821775
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003045313
wavelet-LLH	ngtdm	Coarseness	0.008676574
wavelet-LLH	ngtdm	Complexity	9233.717605
wavelet-LLH	ngtdm	Strength	13.62640398
wavelet-LLH	ngtdm	Contrast	0.196484823
wavelet-LLH	ngtdm	Busyness	0.03637415
wavelet-LLL	gldm	GrayLevelVariance	444.1079644
wavelet-LLL	gldm	HighGrayLevelEmphasis	4573.414579
wavelet-LLL	gldm	DependenceEntropy	7.448818366
wavelet-LLL	gldm	DependenceNonUniformity	251.2164009
wavelet-LLL	gldm	GrayLevelNonUniformity	27.69476082
wavelet-LLL	gldm	SmallDependenceEmphasis	0.541292205
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2032.886173
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.286123463
wavelet-LLL	gldm	LargeDependenceEmphasis	18.73348519
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.00550854
wavelet-LLL	gldm	DependenceVariance	10.12547673
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	107077.0273
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002075132
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002213035

wavelet-LLL	glcm	JointAverage	67.8510815
wavelet-LLL	glcm	SumAverage	135.702163
wavelet-LLL	glcm	JointEntropy	9.018114593
wavelet-LLL	glcm	ClusterShade	-36641.31476
wavelet-LLL	glcm	MaximumProbability	0.041559264
wavelet-LLL	glcm	Idmn	0.981208093
wavelet-LLL	glcm	JointEnergy	0.005704473
wavelet-LLL	glcm	Contrast	260.7235591
wavelet-LLL	glcm	DifferenceEntropy	4.819014199
wavelet-LLL	glcm	InverseVariance	0.172685386
wavelet-LLL	glcm	DifferenceVariance	133.787848
wavelet-LLL	glcm	Idn	0.918144183
wavelet-LLL	glcm	Idm	0.19129317
wavelet-LLL	glcm	Correlation	0.6287911
wavelet-LLL	glcm	Autocorrelation	4828.933318
wavelet-LLL	glcm	SumEntropy	6.454270207
wavelet-LLL	glcm	SumSquares	355.0961175
wavelet-LLL	glcm	ClusterProminence	4966293.766
wavelet-LLL	glcm	Imc2	0.994214787
wavelet-LLL	glcm	Imc1	-0.398902371
wavelet-LLL	glcm	DifferenceAverage	11.07112393
wavelet-LLL	glcm	Id	0.255261263
wavelet-LLL	glcm	ClusterTendency	1159.660911
wavelet-LLL	firstorder	InterquartileRange	609.0395956
wavelet-LLL	firstorder	Skewness	-0.8512359
wavelet-LLL	firstorder	Uniformity	0.031543008
wavelet-LLL	firstorder	Median	17.95546052
wavelet-LLL	firstorder	Energy	280947933.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	287.4731537
wavelet-LLL	firstorder	MeanAbsoluteDeviation	423.5103232
wavelet-LLL	firstorder	TotalEnergy	7585594213
wavelet-LLL	firstorder	Maximum	1015.744821
wavelet-LLL	firstorder	RootMeanSquared	565.6732778
wavelet-LLL	firstorder	90Percentile	245.9980349
wavelet-LLL	firstorder	Minimum	-1778.805972
wavelet-LLL	firstorder	Entropy	5.871390117
wavelet-LLL	firstorder	Range	2794.550793
wavelet-LLL	firstorder	Variance	277467.2331
wavelet-LLL	firstorder	10Percentile	-1059.381468
wavelet-LLL	firstorder	Kurtosis	3.207353422
wavelet-LLL	firstorder	Mean	-206.2014164
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002363449
wavelet-LLL	glrlm	GrayLevelVariance	464.4219535
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002374363
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025243676
wavelet-LLL	glrlm	RunVariance	0.12042658
wavelet-LLL	glrlm	GrayLevelNonUniformity	20.52979098
wavelet-LLL	glrlm	LongRunEmphasis	1.288588666
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4199.723098
wavelet-LLL	glrlm	RunLengthNonUniformity	716.5210971
wavelet-LLL	glrlm	ShortRunEmphasis	0.950930577
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6137.068641
wavelet-LLL	glrlm	RunPercentage	0.925617663
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002433959
wavelet-LLL	glrlm	RunEntropy	6.280867037

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4480.100703
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.881362739
wavelet-LLL	glszm	GrayLevelVariance	545.8603159
wavelet-LLL	glszm	ZoneVariance	25.73200806
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.01359043
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.645543599
wavelet-LLL	glszm	SizeZoneNonUniformity	336.328215
wavelet-LLL	glszm	GrayLevelNonUniformity	7.080614203
wavelet-LLL	glszm	LargeAreaEmphasis	28.57197697
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2992.403505
wavelet-LLL	glszm	ZonePercentage	0.593394077
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008487949
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	163924.2495
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3865.477927
wavelet-LLL	glszm	SmallAreaEmphasis	0.830680327
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003544516
wavelet-LLL	glszm	ZoneEntropy	7.059514595
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003466164
wavelet-LLL	ngtdm	Coarseness	0.009553169
wavelet-LLL	ngtdm	Complexity	31921.15779
wavelet-LLL	ngtdm	Strength	51.5965473
wavelet-LLL	ngtdm	Contrast	0.55169749
wavelet-LLL	ngtdm	Busyness	0.01173832
wavelet-HHL	gldm	GrayLevelVariance	12.06308212
wavelet-HHL	gldm	HighGrayLevelEmphasis	318.7118451
wavelet-HHL	gldm	DependenceEntropy	6.24200557
wavelet-HHL	gldm	DependenceNonUniformity	109.8542141
wavelet-HHL	gldm	GrayLevelNonUniformity	104.1275626
wavelet-HHL	gldm	SmallDependenceEmphasis	0.296052781
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	104.2371302
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.125118695
wavelet-HHL	gldm	LargeDependenceEmphasis	30.70387244
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.105577537
wavelet-HHL	gldm	DependenceVariance	11.55577233
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	9299.616173
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002474055
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.005111138
wavelet-HHL	glcm	JointAverage	17.50655937
wavelet-HHL	glcm	SumAverage	35.01311873
wavelet-HHL	glcm	JointEntropy	6.643321447
wavelet-HHL	glcm	ClusterShade	28.67819593
wavelet-HHL	glcm	MaximumProbability	0.073496562
wavelet-HHL	glcm	Idmn	0.981739204
wavelet-HHL	glcm	JointEnergy	0.022436118
wavelet-HHL	glcm	Contrast	22.6239466
wavelet-HHL	glcm	DifferenceEntropy	3.196776292
wavelet-HHL	glcm	InverseVariance	0.328201621
wavelet-HHL	glcm	DifferenceVariance	12.69286754
wavelet-HHL	glcm	Idn	0.92127331
wavelet-HHL	glcm	Idm	0.347721481
wavelet-HHL	glcm	Correlation	-0.022086884
wavelet-HHL	glcm	Autocorrelation	306.2411813
wavelet-HHL	glcm	SumEntropy	4.009108373
wavelet-HHL	glcm	SumSquares	11.07208346
wavelet-HHL	glcm	ClusterProminence	3454.422345



wavelet-HHL	glcm	Imc2	0.742472389
wavelet-HHL	glcm	Imc1	-0.115880784
wavelet-HHL	glcm	DifferenceAverage	3.117736589
wavelet-HHL	glcm	Id	0.418710955
wavelet-HHL	glcm	ClusterTendency	21.66438724
wavelet-HHL	firstorder	InterquartileRange	68.14237289
wavelet-HHL	firstorder	Skewness	0.237754232
wavelet-HHL	firstorder	Uniformity	0.118596313
wavelet-HHL	firstorder	Median	-2.994675861
wavelet-HHL	firstorder	Energy	6575101.566
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	31.20232998
wavelet-HHL	firstorder	MeanAbsoluteDeviation	57.63713386
wavelet-HHL	firstorder	TotalEnergy	177527742.3
wavelet-HHL	firstorder	Maximum	391.2677983
wavelet-HHL	firstorder	RootMeanSquared	86.53742634
wavelet-HHL	firstorder	90Percentile	91.29818912
wavelet-HHL	firstorder	Minimum	-402.138359
wavelet-HHL	firstorder	Entropy	3.615279711
wavelet-HHL	firstorder	Range	793.4061572
wavelet-HHL	firstorder	Variance	7488.570881
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wavelet-HHL	firstorder	Kurtosis	6.758047391
wavelet-HHL	firstorder	Mean	0.394050399
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005039242
wavelet-HHL	glrlm	GrayLevelVariance	13.5591387
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.0053573
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.104146662
wavelet-HHL	glrlm	RunVariance	0.22836498
wavelet-HHL	glrlm	GrayLevelNonUniformity	79.60493687
wavelet-HHL	glrlm	LongRunEmphasis	1.553086194
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	293.6423667
wavelet-HHL	glrlm	RunLengthNonUniformity	605.3360847
wavelet-HHL	glrlm	ShortRunEmphasis	0.909414727
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	488.7030616
wavelet-HHL	glrlm	RunPercentage	0.870159453
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.00726212
wavelet-HHL	glrlm	RunEntropy	4.285015626
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	321.0844687
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.791362761
wavelet-HHL	glszm	GrayLevelVariance	29.87086484
wavelet-HHL	glszm	ZoneVariance	197.6845726
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.057918505
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.538778618
wavelet-HHL	glszm	SizeZoneNonUniformity	148.7028986
wavelet-HHL	glszm	GrayLevelNonUniformity	15.98550725
wavelet-HHL	glszm	LargeAreaEmphasis	207.8043478
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	275.4968623
wavelet-HHL	glszm	ZonePercentage	0.314350797
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.703435262
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	62426.44565
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	350.3586957
wavelet-HHL	glszm	SmallAreaEmphasis	0.760886549
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.00833444
wavelet-HHL	glszm	ZoneEntropy	5.556423869
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007126167

wavelet-HHL	ngtdm	Coarseness	0.008723508
wavelet-HHL	ngtdm	Complexity	900.7824194
wavelet-HHL	ngtdm	Strength	2.6678656
wavelet-HHL	ngtdm	Contrast	0.067076065
wavelet-HHL	ngtdm	Busyness	0.156778283
wavelet-HLH	gldm	GrayLevelVariance	12.93302235
wavelet-HLH	gldm	HighGrayLevelEmphasis	477.3895216
wavelet-HLH	gldm	DependenceEntropy	6.247742045
wavelet-HLH	gldm	DependenceNonUniformity	121.6537585
wavelet-HLH	gldm	GrayLevelNonUniformity	97.56719818
wavelet-HLH	gldm	SmallDependenceEmphasis	0.30449831
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	154.5097007
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.138557812
wavelet-HLH	gldm	LargeDependenceEmphasis	27.9453303
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.062581042
wavelet-HLH	gldm	DependenceVariance	11.02119644
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	12927.48064
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002047743
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.00362237
wavelet-HLH	glcm	JointAverage	21.56486666
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wavelet-HLH	glcm	JointEntropy	6.863928508
wavelet-HLH	glcm	ClusterShade	-2.174696183
wavelet-HLH	glcm	MaximumProbability	0.061037397
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wavelet-HLH	glcm	JointEnergy	0.018167651
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wavelet-HLH	glcm	DifferenceEntropy	3.330973508
wavelet-HLH	glcm	InverseVariance	0.299735283
wavelet-HLH	glcm	DifferenceVariance	14.65903829
wavelet-HLH	glcm	Idn	0.92208725
wavelet-HLH	glcm	Idm	0.321352775
wavelet-HLH	glcm	Correlation	-0.039572173
wavelet-HLH	glcm	Autocorrelation	464.5335903
wavelet-HLH	glcm	SumEntropy	4.132772899
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wavelet-HLH	glcm	ClusterProminence	4333.438709
wavelet-HLH	glcm	Imc2	0.738467047
wavelet-HLH	glcm	Imc1	-0.111150619
wavelet-HLH	glcm	DifferenceAverage	3.435808187
wavelet-HLH	glcm	Id	0.396868922
wavelet-HLH	glcm	ClusterTendency	24.67717886
wavelet-HLH	firstorder	InterquartileRange	73.42789608
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wavelet-HLH	firstorder	Uniformity	0.111124372
wavelet-HLH	firstorder	Median	-1.405671093
wavelet-HLH	firstorder	Energy	7084176.688
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	33.43631822
wavelet-HLH	firstorder	MeanAbsoluteDeviation	60.33662588
wavelet-HLH	firstorder	TotalEnergy	191272770.6
wavelet-HLH	firstorder	Maximum	396.471682
wavelet-HLH	firstorder	RootMeanSquared	89.8250431
wavelet-HLH	firstorder	90Percentile	105.304714
wavelet-HLH	firstorder	Minimum	-505.7931264
wavelet-HLH	firstorder	Entropy	3.680802346

wavelet-HLH	firstorder	Range	902.2648084
wavelet-HLH	firstorder	Variance	8067.887659
wavelet-HLH	firstorder	10Percentile	-95.00870788
wavelet-HLH	firstorder	Kurtosis	7.178373105
wavelet-HLH	firstorder	Mean	0.806665486
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003628654
wavelet-HLH	glrlm	GrayLevelVariance	14.37956906
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.003815838
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.098734045
wavelet-HLH	glrlm	RunVariance	0.187972789
wavelet-HLH	glrlm	GrayLevelNonUniformity	76.32084887
wavelet-HLH	glrlm	LongRunEmphasis	1.480726405
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	440.0700753
wavelet-HLH	glrlm	RunLengthNonUniformity	621.1026387
wavelet-HLH	glrlm	ShortRunEmphasis	0.91532081
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	701.7319118
wavelet-HLH	glrlm	RunPercentage	0.880234799
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.004875206
wavelet-HLH	glrlm	RunEntropy	4.307505435
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	479.3473262
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.803052009
wavelet-HLH	glszm	GrayLevelVariance	30.20308665
wavelet-HLH	glszm	ZoneVariance	156.7909388
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.05705152
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.496557752
wavelet-HLH	glszm	SizeZoneNonUniformity	143.5051903
wavelet-HLH	glszm	GrayLevelNonUniformity	16.48788927
wavelet-HLH	glszm	LargeAreaEmphasis	166.0207612
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	380.0092721
wavelet-HLH	glszm	ZonePercentage	0.329157175
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.368331588
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	76155.77855
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	506.7716263
wavelet-HLH	glszm	SmallAreaEmphasis	0.731853026
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.006418299
wavelet-HLH	glszm	ZoneEntropy	5.639792561
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005767088
wavelet-HLH	ngtdm	Coarseness	0.008776321
wavelet-HLH	ngtdm	Complexity	986.3140069
wavelet-HLH	ngtdm	Strength	2.874358185
wavelet-HLH	ngtdm	Contrast	0.075364107
wavelet-HLH	ngtdm	Busyness	0.128731547

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	101
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original	shape	Maximum2DDiameterColumn	18.97366596
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original	gldm	GrayLevelVariance	22.79776493
original	gldm	HighGrayLevelEmphasis	501.5841584
original	gldm	DependenceEntropy	5.306691745
original	gldm	DependenceNonUniformity	14.78217822
original	gldm	GrayLevelNonUniformity	13.17821782
original	gldm	SmallDependenceEmphasis	0.330344108
original	gldm	SmallDependenceHighGrayLevelEmphasis	139.6226588
original	gldm	DependenceNonUniformityNormalized	0.1463582
original	gldm	LargeDependenceEmphasis	22.62376238
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.052838253
original	gldm	DependenceVariance	7.789824527
original	gldm	LargeDependenceHighGrayLevelEmphasis	13093.30693
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.013286066
original	gldm	LowGrayLevelEmphasis	0.014731742
original	glcm	JointAverage	22.48660888
original	glcm	SumAverage	44.97321776
original	glcm	JointEntropy	5.400386893
original	glcm	ClusterShade	-674.3941608
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original	glcm	Idn	0.927793755
original	glcm	Idm	0.357688588
original	glcm	Correlation	0.199129801
original	glcm	Autocorrelation	509.2281986
original	glcm	SumEntropy	3.698314382
original	glcm	SumSquares	18.28464676
original	glcm	ClusterProminence	21565.26926
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original	glcm	DifferenceAverage	3.317753521
original	glcm	Id	0.427454546
original	glcm	ClusterTendency	43.67866569
original	firstorder	InterquartileRange	92
original	firstorder	Skewness	-1.81754218
original	firstorder	Uniformity	0.130477404
original	firstorder	Median	-4
original	firstorder	Energy	1624997
original	firstorder	RobustMeanAbsoluteDeviation	41.49154092
original	firstorder	MeanAbsoluteDeviation	77.70865601
original	firstorder	TotalEnergy	43874919
original	firstorder	Maximum	373
original	firstorder	RootMeanSquared	126.8427342
original	firstorder	90Percentile	39
original	firstorder	Minimum	-560
original	firstorder	Entropy	3.373274781
original	firstorder	Range	933
original	firstorder	Variance	14406.45505
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original	firstorder	Kurtosis	9.987299034
original	firstorder	Mean	-41.01980198
original	glrlm	ShortRunLowGrayLevelEmphasis	0.016181651
original	glrlm	GrayLevelVariance	24.71507628
original	glrlm	LowGrayLevelRunEmphasis	0.016337372
original	glrlm	GrayLevelNonUniformityNormalized	0.117943417
original	glrlm	RunVariance	0.142774042
original	glrlm	GrayLevelNonUniformity	10.61394185
original	glrlm	LongRunEmphasis	1.409467285
original	glrlm	ShortRunHighGrayLevelEmphasis	445.5929956
original	glrlm	RunLengthNonUniformity	72.64405708
original	glrlm	ShortRunEmphasis	0.916809314
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original	glrlm	RunPercentage	0.890327494
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original	glrlm	RunEntropy	3.883290083
original	glrlm	HighGrayLevelRunEmphasis	492.9476029
original	glrlm	RunLengthNonUniformityNormalized	0.806207713
original	glszm	GrayLevelVariance	41.19459834
original	glszm	ZoneVariance	21.17243767
original	glszm	GrayLevelNonUniformityNormalized	0.081717452
original	glszm	SizeZoneNonUniformityNormalized	0.494459834

original	glszm	SizeZoneNonUniformity	18.78947368
original	glszm	GrayLevelNonUniformity	3.105263158
original	glszm	LargeAreaEmphasis	28.23684211
original	glszm	SmallAreaHighGrayLevelEmphasis	295.9367931
original	glszm	ZonePercentage	0.376237624
original	glszm	LargeAreaLowGrayLevelEmphasis	0.083744541
original	glszm	LargeAreaHighGrayLevelEmphasis	16307.26316
original	glszm	HighGrayLevelZoneEmphasis	419.3947368
original	glszm	SmallAreaEmphasis	0.727905249
original	glszm	LowGrayLevelZoneEmphasis	0.035772928
original	glszm	ZoneEntropy	4.448860988
original	glszm	SmallAreaLowGrayLevelEmphasis	0.034926035
original	ngtdm	Coarseness	0.046673373
original	ngtdm	Complexity	519.9347882
original	ngtdm	Strength	15.66228017
original	ngtdm	Contrast	0.389529673
original	ngtdm	Busyness	0.04318966
wavelet-HHH	gldm	GrayLevelVariance	15.93294775
wavelet-HHH	gldm	HighGrayLevelEmphasis	147.8415842
wavelet-HHH	gldm	DependenceEntropy	5.211132493
wavelet-HHH	gldm	DependenceNonUniformity	24.96039604
wavelet-HHH	gldm	GrayLevelNonUniformity	8.940594059
wavelet-HHH	gldm	SmallDependenceEmphasis	0.431945735
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	66.14590153
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.247132634
wavelet-HHH	gldm	LargeDependenceEmphasis	7.495049505
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.076722427
wavelet-HHH	gldm	DependenceVariance	1.895500441
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1036.49505
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019407259
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024222062
wavelet-HHH	glcm	JointAverage	11.42800398
wavelet-HHH	glcm	SumAverage	22.85600795
wavelet-HHH	glcm	JointEntropy	6.122071431
wavelet-HHH	glcm	ClusterShade	-3.40827449
wavelet-HHH	glcm	MaximumProbability	0.042888158
wavelet-HHH	glcm	ldmn	0.950070476
wavelet-HHH	glcm	JointEnergy	0.017195431
wavelet-HHH	glcm	Contrast	29.31331007
wavelet-HHH	glcm	DifferenceEntropy	3.330138705
wavelet-HHH	glcm	InverseVariance	0.261620385
wavelet-HHH	glcm	DifferenceVariance	12.77651971
wavelet-HHH	glcm	ldn	0.859521856
wavelet-HHH	glcm	ldm	0.241542914
wavelet-HHH	glcm	Correlation	-0.054424177
wavelet-HHH	glcm	Autocorrelation	129.7929498
wavelet-HHH	glcm	SumEntropy	3.981047714
wavelet-HHH	glcm	SumSquares	13.84350246
wavelet-HHH	glcm	ClusterProminence	2586.321855
wavelet-HHH	glcm	lmc2	0.963220612
wavelet-HHH	glcm	lmc1	-0.35536532
wavelet-HHH	glcm	DifferenceAverage	4.028986346
wavelet-HHH	glcm	ld	0.328751703
wavelet-HHH	glcm	ClusterTendency	26.06069976
wavelet-HHH	firstorder	InterquartileRange	89.28304803
wavelet-HHH	firstorder	Skewness	-0.001945794

wavelet-HHH	firstorder	Uniformity	0.088520733
wavelet-HHH	firstorder	Median	-1.79197814
wavelet-HHH	firstorder	Energy	1014873.04
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	45.23080797
wavelet-HHH	firstorder	MeanAbsoluteDeviation	73.42218776
wavelet-HHH	firstorder	TotalEnergy	27401572.08
wavelet-HHH	firstorder	Maximum	271.8886135
wavelet-HHH	firstorder	RootMeanSquared	100.2409493
wavelet-HHH	firstorder	90Percentile	125.6850479
wavelet-HHH	firstorder	Minimum	-269.4267715
wavelet-HHH	firstorder	Entropy	3.864609962
wavelet-HHH	firstorder	Range	541.315385
wavelet-HHH	firstorder	Variance	10047.75079
wavelet-HHH	firstorder	10Percentile	-128.2911064
wavelet-HHH	firstorder	Kurtosis	3.564873792
wavelet-HHH	firstorder	Mean	-0.705072502
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024792276
wavelet-HHH	glrlm	GrayLevelVariance	16.60725348
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.025119384
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.085115353
wavelet-HHH	glrlm	RunVariance	0.057225832
wavelet-HHH	glrlm	GrayLevelNonUniformity	8.146598468
wavelet-HHH	glrlm	LongRunEmphasis	1.172373545
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	142.5515424
wavelet-HHH	glrlm	RunLengthNonUniformity	86.11610124
wavelet-HHH	glrlm	ShortRunEmphasis	0.959626028
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	172.281085
wavelet-HHH	glrlm	RunPercentage	0.947448591
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.026530142
wavelet-HHH	glrlm	RunEntropy	4.119331397
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	148.2642902
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.899336373
wavelet-HHH	glszm	GrayLevelVariance	27.4116
wavelet-HHH	glszm	ZoneVariance	5.3796
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.056
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.4728
wavelet-HHH	glszm	SizeZoneNonUniformity	23.64
wavelet-HHH	glszm	GrayLevelNonUniformity	2.8
wavelet-HHH	glszm	LargeAreaEmphasis	9.46
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	110.2079939
wavelet-HHH	glszm	ZonePercentage	0.495049505
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.109983474
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1272.56
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	153.3
wavelet-HHH	glszm	SmallAreaEmphasis	0.712226732
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.040484794
wavelet-HHH	glszm	ZoneEntropy	4.89366069
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.037820903
wavelet-HHH	ngtdm	Coarseness	0.066138332
wavelet-HHH	ngtdm	Complexity	499.0229228
wavelet-HHH	ngtdm	Strength	7.153774023
wavelet-HHH	ngtdm	Contrast	0.241011926
wavelet-HHH	ngtdm	Busyness	0.060976774
wavelet-HLL	gldm	GrayLevelVariance	40.64817175
wavelet-HLL	gldm	HighGrayLevelEmphasis	232.2376238
wavelet-HLL	gldm	DependenceEntropy	5.581043289

wavelet-HLL	gldm	DependenceNonUniformity	28.08910891
wavelet-HLL	gldm	GrayLevelNonUniformity	7.158415842
wavelet-HLL	gldm	SmallDependenceEmphasis	0.501742734
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	149.5570586
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.278109989
wavelet-HLL	gldm	LargeDependenceEmphasis	7.891089109
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074953494
wavelet-HLL	gldm	DependenceVariance	2.66013136
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1333.60396
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017355937
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.02245703
wavelet-HLL	glcm	JointAverage	13.37273794
wavelet-HLL	glcm	SumAverage	26.74547588
wavelet-HLL	glcm	JointEntropy	6.281900526
wavelet-HLL	glcm	ClusterShade	926.3088419
wavelet-HLL	glcm	MaximumProbability	0.046715418
wavelet-HLL	glcm	ldmn	0.96363704
wavelet-HLL	glcm	JointEnergy	0.015751699
wavelet-HLL	glcm	Contrast	58.35635545
wavelet-HLL	glcm	DifferenceEntropy	3.549479219
wavelet-HLL	glcm	InverseVariance	0.220654446
wavelet-HLL	glcm	DifferenceVariance	29.22501252
wavelet-HLL	glcm	ldn	0.885047455
wavelet-HLL	glcm	ldm	0.213031863
wavelet-HLL	glcm	Correlation	0.141158806
wavelet-HLL	glcm	Autocorrelation	184.2161594
wavelet-HLL	glcm	SumEntropy	4.340286932
wavelet-HLL	glcm	SumSquares	34.48642343
wavelet-HLL	glcm	ClusterProminence	36283.97246
wavelet-HLL	glcm	lmc2	0.988247392
wavelet-HLL	glcm	lmc1	-0.463879429
wavelet-HLL	glcm	DifferenceAverage	5.272192254
wavelet-HLL	glcm	ld	0.299997399
wavelet-HLL	glcm	ClusterTendency	79.58933826
wavelet-HLL	firstorder	InterquartileRange	151.1457622
wavelet-HLL	firstorder	Skewness	1.157811972
wavelet-HLL	firstorder	Uniformity	0.070875404
wavelet-HLL	firstorder	Median	-40.70899906
wavelet-HLL	firstorder	Energy	2563693.982
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	63.49470954
wavelet-HLL	firstorder	MeanAbsoluteDeviation	112.52448
wavelet-HLL	firstorder	TotalEnergy	69219737.52
wavelet-HLL	firstorder	Maximum	526.8258516
wavelet-HLL	firstorder	RootMeanSquared	159.3207731
wavelet-HLL	firstorder	90Percentile	213.1526288
wavelet-HLL	firstorder	Minimum	-332.9773157
wavelet-HLL	firstorder	Entropy	4.240460457
wavelet-HLL	firstorder	Range	859.8031673
wavelet-HLL	firstorder	Variance	25078.07788
wavelet-HLL	firstorder	10Percentile	-163.046744
wavelet-HLL	firstorder	Kurtosis	4.977000579
wavelet-HLL	firstorder	Mean	-17.4651325
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.022869587
wavelet-HLL	glrlm	GrayLevelVariance	42.33578225
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.023195276
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.067350812



wavelet-HLL	glrlm	RunVariance	0.052548064
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.468874632
wavelet-HLL	glrlm	LongRunEmphasis	1.161412567
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	229.6304047
wavelet-HLL	glrlm	RunLengthNonUniformity	86.8966789
wavelet-HLL	glrlm	ShortRunEmphasis	0.961465576
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	261.9899084
wavelet-HLL	glrlm	RunPercentage	0.95049505
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.02455955
wavelet-HLL	glrlm	RunEntropy	4.468642017
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	235.924458
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.904095708
wavelet-HLL	glszm	GrayLevelVariance	61.04429251
wavelet-HLL	glszm	ZoneVariance	3.502080856
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.047562426
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.529726516
wavelet-HLL	glszm	SizeZoneNonUniformity	30.72413793
wavelet-HLL	glszm	GrayLevelNonUniformity	2.75862069
wavelet-HLL	glszm	LargeAreaEmphasis	6.534482759
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	241.2430508
wavelet-HLL	glszm	ZonePercentage	0.574257426
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.074620189
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1175.551724
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	283.4655172
wavelet-HLL	glszm	SmallAreaEmphasis	0.75545232
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.03202718
wavelet-HLL	glszm	ZoneEntropy	5.310145866
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.028873182
wavelet-HLL	ngtdm	Coarseness	0.062179791
wavelet-HLL	ngtdm	Complexity	1356.321837
wavelet-HLL	ngtdm	Strength	22.3603531
wavelet-HLL	ngtdm	Contrast	0.376953376
wavelet-HLL	ngtdm	Busyness	0.043375399
wavelet-LHL	gldm	GrayLevelVariance	98.23801588
wavelet-LHL	gldm	HighGrayLevelEmphasis	2479.871287
wavelet-LHL	gldm	DependenceEntropy	5.512760151
wavelet-LHL	gldm	DependenceNonUniformity	32.30693069
wavelet-LHL	gldm	GrayLevelNonUniformity	5.237623762
wavelet-LHL	gldm	SmallDependenceEmphasis	0.547065457
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1292.396023
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.319870601
wavelet-LHL	gldm	LargeDependenceEmphasis	5
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.011924659
wavelet-LHL	gldm	DependenceVariance	1.195569062
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	13207.15842
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01022884
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.010406845
wavelet-LHL	glcm	JointAverage	49.47953321
wavelet-LHL	glcm	SumAverage	98.95906641
wavelet-LHL	glcm	JointEntropy	6.508826137
wavelet-LHL	glcm	ClusterShade	-4956.577453
wavelet-LHL	glcm	MaximumProbability	0.029374182
wavelet-LHL	glcm	ldmn	0.977230755
wavelet-LHL	glcm	JointEnergy	0.012354924
wavelet-LHL	glcm	Contrast	139.8178792
wavelet-LHL	glcm	DifferenceEntropy	3.832746676

wavelet-LHL	glcm	InverseVariance	0.186559976
wavelet-LHL	glcm	DifferenceVariance	79.27580321
wavelet-LHL	glcm	Idn	0.91430729
wavelet-LHL	glcm	Idm	0.172660344
wavelet-LHL	glcm	Correlation	0.120164938
wavelet-LHL	glcm	Autocorrelation	2460.011875
wavelet-LHL	glcm	SumEntropy	4.71337488
wavelet-LHL	glcm	SumSquares	81.47622065
wavelet-LHL	glcm	ClusterProminence	336300.9668
wavelet-LHL	glcm	Imc2	0.995609482
wavelet-LHL	glcm	Imc1	-0.541316534
wavelet-LHL	glcm	DifferenceAverage	7.48710348
wavelet-LHL	glcm	Id	0.257797823
wavelet-LHL	glcm	ClusterTendency	186.0870034
wavelet-LHL	firstorder	InterquartileRange	193.6786399
wavelet-LHL	firstorder	Skewness	-1.782985845
wavelet-LHL	firstorder	Uniformity	0.051857661
wavelet-LHL	firstorder	Median	-57.54616308
wavelet-LHL	firstorder	Energy	7068629.001
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	88.64613513
wavelet-LHL	firstorder	MeanAbsoluteDeviation	163.5685865
wavelet-LHL	firstorder	TotalEnergy	190852983
wavelet-LHL	firstorder	Maximum	457.6748146
wavelet-LHL	firstorder	RootMeanSquared	264.5494769
wavelet-LHL	firstorder	90Percentile	134.2598541
wavelet-LHL	firstorder	Minimum	-1282.198889
wavelet-LHL	firstorder	Entropy	4.62719481
wavelet-LHL	firstorder	Range	1739.873704
wavelet-LHL	firstorder	Variance	61372.84133
wavelet-LHL	firstorder	10Percentile	-330.5856565
wavelet-LHL	firstorder	Kurtosis	8.89884818
wavelet-LHL	firstorder	Mean	-92.80939835
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010783234
wavelet-LHL	glrlm	GrayLevelVariance	101.2277827
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.010793998
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.050715106
wavelet-LHL	glrlm	RunVariance	0.039613333
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.936618728
wavelet-LHL	glrlm	LongRunEmphasis	1.119073044
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	2398.410431
wavelet-LHL	glrlm	RunLengthNonUniformity	90.61528253
wavelet-LHL	glrlm	ShortRunEmphasis	0.972003568
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2789.648842
wavelet-LHL	glrlm	RunPercentage	0.963442498
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.010839727
wavelet-LHL	glrlm	RunEntropy	4.775154815
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2472.899427
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.929989396
wavelet-LHL	glszm	GrayLevelVariance	143.4532628
wavelet-LHL	glszm	ZoneVariance	1.66792643
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037540942
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.559082892
wavelet-LHL	glszm	SizeZoneNonUniformity	35.22222222
wavelet-LHL	glszm	GrayLevelNonUniformity	2.365079365
wavelet-LHL	glszm	LargeAreaEmphasis	4.238095238
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1805.999118

wavelet-LHL	glszm	ZonePercentage	0.623762376
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.017702112
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	10894.84127
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2394.428571
wavelet-LHL	glszm	SmallAreaEmphasis	0.773756614
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016448051
wavelet-LHL	glszm	ZoneEntropy	5.42141405
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016357196
wavelet-LHL	ngtdm	Coarseness	0.059812416
wavelet-LHL	ngtdm	Complexity	3441.205937
wavelet-LHL	ngtdm	Strength	41.37572146
wavelet-LHL	ngtdm	Contrast	0.975984427
wavelet-LHL	ngtdm	Busyness	0.010471756
wavelet-LHH	gldm	GrayLevelVariance	65.13086952
wavelet-LHH	gldm	HighGrayLevelEmphasis	625.5544554
wavelet-LHH	gldm	DependenceEntropy	5.489507522
wavelet-LHH	gldm	DependenceNonUniformity	35.17821782
wavelet-LHH	gldm	GrayLevelNonUniformity	5.356435644
wavelet-LHH	gldm	SmallDependenceEmphasis	0.591082149
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	395.9484664
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.348299186
wavelet-LHH	gldm	LargeDependenceEmphasis	5.257425743
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.020704131
wavelet-LHH	gldm	DependenceVariance	1.605920988
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3128.029703
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012055506
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.01291097
wavelet-LHH	glcm	JointAverage	23.5715838
wavelet-LHH	glcm	SumAverage	47.14316761
wavelet-LHH	glcm	JointEntropy	6.476651702
wavelet-LHH	glcm	ClusterShade	269.1138432
wavelet-LHH	glcm	MaximumProbability	0.034225674
wavelet-LHH	glcm	ldmn	0.966284793
wavelet-LHH	glcm	JointEnergy	0.012921954
wavelet-LHH	glcm	Contrast	131.4787359
wavelet-LHH	glcm	DifferenceEntropy	3.980725078
wavelet-LHH	glcm	InverseVariance	0.188279558
wavelet-LHH	glcm	DifferenceVariance	66.20616205
wavelet-LHH	glcm	ldn	0.891191306
wavelet-LHH	glcm	ldm	0.171377104
wavelet-LHH	glcm	Correlation	-0.004626957
wavelet-LHH	glcm	Autocorrelation	554.9520632
wavelet-LHH	glcm	SumEntropy	4.567530027
wavelet-LHH	glcm	SumSquares	64.97145517
wavelet-LHH	glcm	ClusterProminence	91886.02038
wavelet-LHH	glcm	lmc2	0.99666606
wavelet-LHH	glcm	lmc1	-0.562083717
wavelet-LHH	glcm	DifferenceAverage	7.852565375
wavelet-LHH	glcm	ld	0.252451429
wavelet-LHH	glcm	ClusterTendency	128.4070848
wavelet-LHH	firstorder	InterquartileRange	170.9541735
wavelet-LHH	firstorder	Skewness	0.330920066
wavelet-LHH	firstorder	Uniformity	0.053034016
wavelet-LHH	firstorder	Median	14.33054491
wavelet-LHH	firstorder	Energy	4102262.531
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	79.02429841

wavelet-LHH	firstorder	MeanAbsoluteDeviation	138.4061583
wavelet-LHH	firstorder	TotalEnergy	110761088.3
wavelet-LHH	firstorder	Maximum	834.1474774
wavelet-LHH	firstorder	RootMeanSquared	201.5352592
wavelet-LHH	firstorder	90Percentile	207.0890439
wavelet-LHH	firstorder	Minimum	-554.4678267
wavelet-LHH	firstorder	Entropy	4.594878707
wavelet-LHH	firstorder	Range	1388.615304
wavelet-LHH	firstorder	Variance	40597.8566
wavelet-LHH	firstorder	10Percentile	-302.8099848
wavelet-LHH	firstorder	Kurtosis	5.682252714
wavelet-LHH	firstorder	Mean	4.313247154
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.01326305
wavelet-LHH	grlm	GrayLevelVariance	67.15645968
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.013314043
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.051403377
wavelet-LHH	grlm	RunVariance	0.038184986
wavelet-LHH	grlm	GrayLevelNonUniformity	5.010353845
wavelet-LHH	grlm	LongRunEmphasis	1.113251703
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	611.8052419
wavelet-LHH	grlm	RunLengthNonUniformity	90.98404922
wavelet-LHH	grlm	ShortRunEmphasis	0.973486444
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	692.8386546
wavelet-LHH	grlm	RunPercentage	0.964965727
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.013531068
wavelet-LHH	grlm	RunEntropy	4.737761347
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	627.2166028
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.932937507
wavelet-LHH	glszm	GrayLevelVariance	91.93450657
wavelet-LHH	glszm	ZoneVariance	1.682780129
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.040320784
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.601693027
wavelet-LHH	glszm	SizeZoneNonUniformity	40.31343284
wavelet-LHH	glszm	GrayLevelNonUniformity	2.701492537
wavelet-LHH	glszm	LargeAreaEmphasis	3.955223881
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	548.8167496
wavelet-LHH	glszm	ZonePercentage	0.663366337
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.023902224
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2383.149254
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	654.4029851
wavelet-LHH	glszm	SmallAreaEmphasis	0.802605491
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.018440448
wavelet-LHH	glszm	ZoneEntropy	5.256168855
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.017979448
wavelet-LHH	ngtdm	Coarseness	0.057604746
wavelet-LHH	ngtdm	Complexity	2883.516874
wavelet-LHH	ngtdm	Strength	23.71770235
wavelet-LHH	ngtdm	Contrast	0.735908283
wavelet-LHH	ngtdm	Busyness	0.02359414
wavelet-LLH	gldm	GrayLevelVariance	33.12910499
wavelet-LLH	gldm	HighGrayLevelEmphasis	465.8514851
wavelet-LLH	gldm	DependenceEntropy	5.500846602
wavelet-LLH	gldm	DependenceNonUniformity	29.99009901
wavelet-LLH	gldm	GrayLevelNonUniformity	6.089108911
wavelet-LLH	gldm	SmallDependenceEmphasis	0.521564738
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	244.8476802

wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.296931673
wavelet-LLH	gldm	LargeDependenceEmphasis	6.326732673
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026501
wavelet-LLH	gldm	DependenceVariance	1.879227527
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2709.316832
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011577533
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.012757944
wavelet-LLH	glcm	JointAverage	21.00475155
wavelet-LLH	glcm	SumAverage	42.0095031
wavelet-LLH	glcm	JointEntropy	6.476741867
wavelet-LLH	glcm	ClusterShade	7.165838432
wavelet-LLH	glcm	MaximumProbability	0.035202923
wavelet-LLH	glcm	Idmn	0.961125975
wavelet-LLH	glcm	JointEnergy	0.012722528
wavelet-LLH	glcm	Contrast	58.92922165
wavelet-LLH	glcm	DifferenceEntropy	3.716924319
wavelet-LLH	glcm	InverseVariance	0.174489007
wavelet-LLH	glcm	DifferenceVariance	24.76879022
wavelet-LLH	glcm	Idn	0.873152316
wavelet-LLH	glcm	Idm	0.176815459
wavelet-LLH	glcm	Correlation	-0.004386263
wavelet-LLH	glcm	Autocorrelation	440.8711222
wavelet-LLH	glcm	SumEntropy	4.440209264
wavelet-LLH	glcm	SumSquares	29.12274923
wavelet-LLH	glcm	ClusterProminence	11140.80649
wavelet-LLH	glcm	Imc2	0.98871934
wavelet-LLH	glcm	Imc1	-0.459493035
wavelet-LLH	glcm	DifferenceAverage	5.763663074
wavelet-LLH	glcm	Id	0.267466371
wavelet-LLH	glcm	ClusterTendency	57.56177526
wavelet-LLH	firstorder	InterquartileRange	195.720134
wavelet-LLH	firstorder	Skewness	-0.030485621
wavelet-LLH	firstorder	Uniformity	0.060288207
wavelet-LLH	firstorder	Median	-34.06212447
wavelet-LLH	firstorder	Energy	2115067.44
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	76.55538685
wavelet-LLH	firstorder	MeanAbsoluteDeviation	111.6432866
wavelet-LLH	firstorder	TotalEnergy	57106820.88
wavelet-LLH	firstorder	Maximum	361.0303777
wavelet-LLH	firstorder	RootMeanSquared	144.7109594
wavelet-LLH	firstorder	90Percentile	161.7278941
wavelet-LLH	firstorder	Minimum	-504.124114
wavelet-LLH	firstorder	Entropy	4.328990064
wavelet-LLH	firstorder	Range	865.1544917
wavelet-LLH	firstorder	Variance	20650.07645
wavelet-LLH	firstorder	10Percentile	-163.0803682
wavelet-LLH	firstorder	Kurtosis	3.811178175
wavelet-LLH	firstorder	Mean	-17.06415335
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.01313644
wavelet-LLH	grlm	GrayLevelVariance	34.0790582
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.013217489
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.059210521
wavelet-LLH	grlm	RunVariance	0.0473543
wavelet-LLH	grlm	GrayLevelNonUniformity	5.726463344
wavelet-LLH	grlm	LongRunEmphasis	1.139941319
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	453.0012374

wavelet-LLH	glrlm	RunLengthNonUniformity	88.95522089
wavelet-LLH	glrlm	ShortRunEmphasis	0.967714318
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	527.4890686
wavelet-LLH	glrlm	RunPercentage	0.957349581
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.013579026
wavelet-LLH	glrlm	RunEntropy	4.492938347
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	467.2390173
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.919199999
wavelet-LLH	glszm	GrayLevelVariance	45.7275
wavelet-LLH	glszm	ZoneVariance	1.949722222
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.049444444
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.535555556
wavelet-LLH	glszm	SizeZoneNonUniformity	32.13333333
wavelet-LLH	glszm	GrayLevelNonUniformity	2.966666667
wavelet-LLH	glszm	LargeAreaEmphasis	4.783333333
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	352.4656111
wavelet-LLH	glszm	ZonePercentage	0.594059406
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.029315432
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2134.05
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	472.15
wavelet-LLH	glszm	SmallAreaEmphasis	0.755876157
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.01977672
wavelet-LLH	glszm	ZoneEntropy	5.056564762
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.019199074
wavelet-LLH	ngtdm	Coarseness	0.052258698
wavelet-LLH	ngtdm	Complexity	1318.343786
wavelet-LLH	ngtdm	Strength	12.7939438
wavelet-LLH	ngtdm	Contrast	0.436497345
wavelet-LLH	ngtdm	Busyness	0.038818443
wavelet-LLL	gldm	GrayLevelVariance	189.1310656
wavelet-LLL	gldm	HighGrayLevelEmphasis	2279.70297
wavelet-LLL	gldm	DependenceEntropy	5.769355666
wavelet-LLL	gldm	DependenceNonUniformity	35.2970297
wavelet-LLL	gldm	GrayLevelNonUniformity	3.772277228
wavelet-LLL	gldm	SmallDependenceEmphasis	0.580464796
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1278.380421
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.349475542
wavelet-LLL	gldm	LargeDependenceEmphasis	4.405940594
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.016831967
wavelet-LLL	gldm	DependenceVariance	1.050877365
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	11223.74257
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010624197
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.011740819
wavelet-LLL	glcm	JointAverage	47.75087195
wavelet-LLL	glcm	SumAverage	95.5017439
wavelet-LLL	glcm	JointEntropy	6.683605157
wavelet-LLL	glcm	ClusterShade	-9388.398714
wavelet-LLL	glcm	MaximumProbability	0.022502539
wavelet-LLL	glcm	Idmn	0.979527501
wavelet-LLL	glcm	JointEnergy	0.010413276
wavelet-LLL	glcm	Contrast	164.8422293
wavelet-LLL	glcm	DifferenceEntropy	4.183598475
wavelet-LLL	glcm	InverseVariance	0.106798326
wavelet-LLL	glcm	DifferenceVariance	71.06052394
wavelet-LLL	glcm	Idn	0.907692701
wavelet-LLL	glcm	Idm	0.121334317

wavelet-LLL	glcm	Correlation	0.431094104
wavelet-LLL	glcm	Autocorrelation	2341.464654
wavelet-LLL	glcm	SumEntropy	5.033613565
wavelet-LLL	glcm	SumSquares	143.3419142
wavelet-LLL	glcm	ClusterProminence	936338.213
wavelet-LLL	glcm	Imc2	0.997789673
wavelet-LLL	glcm	Imc1	-0.579105955
wavelet-LLL	glcm	DifferenceAverage	9.451774888
wavelet-LLL	glcm	Id	0.20544616
wavelet-LLL	glcm	ClusterTendency	408.5254277
wavelet-LLL	firstorder	InterquartileRange	344.5462788
wavelet-LLL	firstorder	Skewness	-0.850894726
wavelet-LLL	firstorder	Uniformity	0.037349279
wavelet-LLL	firstorder	Median	-77.23221153
wavelet-LLL	firstorder	Energy	13941818.31
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	158.6620322
wavelet-LLL	firstorder	MeanAbsoluteDeviation	252.192277
wavelet-LLL	firstorder	TotalEnergy	376429094.4
wavelet-LLL	firstorder	Maximum	850.2205691
wavelet-LLL	firstorder	RootMeanSquared	371.5343928
wavelet-LLL	firstorder	90Percentile	159.9059377
wavelet-LLL	firstorder	Minimum	-1272.746169
wavelet-LLL	firstorder	Entropy	4.957571697
wavelet-LLL	firstorder	Range	2122.966738
wavelet-LLL	firstorder	Variance	117619.5049
wavelet-LLL	firstorder	10Percentile	-582.382342
wavelet-LLL	firstorder	Kurtosis	4.925273097
wavelet-LLL	firstorder	Mean	-142.8926175
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012019464
wavelet-LLL	glrlm	GrayLevelVariance	191.4907264
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.01206984
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalzied	0.036785446
wavelet-LLL	glrlm	RunVariance	0.035130038
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.597598383
wavelet-LLL	glrlm	LongRunEmphasis	1.104651467
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2209.761605
wavelet-LLL	glrlm	RunLengthNonUniformity	91.91292856
wavelet-LLL	glrlm	ShortRunEmphasis	0.975667936
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2537.16945
wavelet-LLL	glrlm	RunPercentage	0.968012186
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.012273953
wavelet-LLL	glrlm	RunEntropy	5.061369762
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2271.128995
wavelet-LLL	glrlm	RunLengthNonUniformityNormalzied	0.938909299
wavelet-LLL	glszm	GrayLevelVariance	220.1309869
wavelet-LLL	glszm	ZoneVariance	1.235018935
wavelet-LLL	glszm	GrayLevelNonUniformityNormalzied	0.033637781
wavelet-LLL	glszm	SizeZoneNonUniformityNormalzied	0.563377144
wavelet-LLL	glszm	SizeZoneNonUniformity	37.74626866
wavelet-LLL	glszm	GrayLevelNonUniformity	2.253731343
wavelet-LLL	glszm	LargeAreaEmphasis	3.507462687
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1700.507338
wavelet-LLL	glszm	ZonePercentage	0.663366337
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.020350021
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8799.402985
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2185.134328

wavelet-LLL	glszm	SmallAreaEmphasis	0.778600619
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.016545861
wavelet-LLL	glszm	ZoneEntropy	5.506241802
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.015738638
wavelet-LLL	ngtdm	Coarseness	0.056504354
wavelet-LLL	ngtdm	Complexity	5430.885972
wavelet-LLL	ngtdm	Strength	63.44192548
wavelet-LLL	ngtdm	Contrast	1.700177775
wavelet-LLL	ngtdm	Busyness	0.011535655
wavelet-HHL	gldm	GrayLevelVariance	13.92432114
wavelet-HHL	gldm	HighGrayLevelEmphasis	122.2079208
wavelet-HHL	gldm	DependenceEntropy	5.380403067
wavelet-HHL	gldm	DependenceNonUniformity	20.74257426
wavelet-HHL	gldm	GrayLevelNonUniformity	9.376237624
wavelet-HHL	gldm	SmallDependenceEmphasis	0.351398515
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	47.14413985
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.205372022
wavelet-HHL	gldm	LargeDependenceEmphasis	10.86138614
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.153242101
wavelet-HHL	gldm	DependenceVariance	2.898931477
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1127
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017689473
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.026224878
wavelet-HHL	glcm	JointAverage	10.25164811
wavelet-HHL	glcm	SumAverage	20.50329622
wavelet-HHL	glcm	JointEntropy	5.908052183
wavelet-HHL	glcm	ClusterShade	35.24995709
wavelet-HHL	glcm	MaximumProbability	0.055786093
wavelet-HHL	glcm	Idmn	0.951641867
wavelet-HHL	glcm	JointEnergy	0.021105273
wavelet-HHL	glcm	Contrast	23.65210537
wavelet-HHL	glcm	DifferenceEntropy	3.1692752
wavelet-HHL	glcm	InverseVariance	0.280979943
wavelet-HHL	glcm	DifferenceVariance	10.78147569
wavelet-HHL	glcm	Idn	0.864308264
wavelet-HHL	glcm	Idm	0.281087226
wavelet-HHL	glcm	Correlation	-0.024680574
wavelet-HHL	glcm	Autocorrelation	104.9171647
wavelet-HHL	glcm	SumEntropy	3.873857753
wavelet-HHL	glcm	SumSquares	11.62562654
wavelet-HHL	glcm	ClusterProminence	2171.108645
wavelet-HHL	glcm	Imc2	0.950983769
wavelet-HHL	glcm	Imc1	-0.339053723
wavelet-HHL	glcm	DifferenceAverage	3.541938678
wavelet-HHL	glcm	Id	0.364137535
wavelet-HHL	glcm	ClusterTendency	22.85040078
wavelet-HHL	firstorder	InterquartileRange	102.4122581
wavelet-HHL	firstorder	Skewness	0.156332185
wavelet-HHL	firstorder	Uniformity	0.092834036
wavelet-HHL	firstorder	Median	10.93283337
wavelet-HHL	firstorder	Energy	921123.9922
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	43.53299201
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.74854315
wavelet-HHL	firstorder	TotalEnergy	24870347.79
wavelet-HHL	firstorder	Maximum	265.6609239
wavelet-HHL	firstorder	RootMeanSquared	95.49889804



wavelet-HHL	firstorder	90Percentile	136.8780603
wavelet-HHL	firstorder	Minimum	-216.9962661
wavelet-HHL	firstorder	Entropy	3.771311338
wavelet-HHL	firstorder	Range	482.65719
wavelet-HHL	firstorder	Variance	8669.981997
wavelet-HHL	firstorder	10Percentile	-91.23679005
wavelet-HHL	firstorder	Kurtosis	3.401591446
wavelet-HHL	firstorder	Mean	21.21455938
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.026478187
wavelet-HHL	grlm	GrayLevelVariance	14.44563381
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.027214152
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.088494223
wavelet-HHL	grlm	RunVariance	0.076145754
wavelet-HHL	grlm	GrayLevelNonUniformity	8.311778558
wavelet-HHL	grlm	LongRunEmphasis	1.235475905
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	117.447635
wavelet-HHL	grlm	RunLengthNonUniformity	81.45864515
wavelet-HHL	grlm	ShortRunEmphasis	0.944872185
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	148.4815951
wavelet-HHL	grlm	RunPercentage	0.929931455
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.030316279
wavelet-HHL	grlm	RunEntropy	4.091050063
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	123.3691035
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.865976619
wavelet-HHL	glszm	GrayLevelVariance	22.72099941
wavelet-HHL	glszm	ZoneVariance	10.59012493
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.066032124
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.431290898
wavelet-HHL	glszm	SizeZoneNonUniformity	17.68292683
wavelet-HHL	glszm	GrayLevelNonUniformity	2.707317073
wavelet-HHL	glszm	LargeAreaEmphasis	16.65853659
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	93.56489549
wavelet-HHL	glszm	ZonePercentage	0.405940594
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.234021187
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1679.487805
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	138.4146341
wavelet-HHL	glszm	SmallAreaEmphasis	0.679721371
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.045638032
wavelet-HHL	glszm	ZoneEntropy	4.851335236
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.041288949
wavelet-HHL	ngtdm	Coarseness	0.062052308
wavelet-HHL	ngtdm	Complexity	421.0485949
wavelet-HHL	ngtdm	Strength	6.424297707
wavelet-HHL	ngtdm	Contrast	0.213167253
wavelet-HHL	ngtdm	Busyness	0.077885877
wavelet-HLH	gldm	GrayLevelVariance	10.46701304
wavelet-HLH	gldm	HighGrayLevelEmphasis	146.039604
wavelet-HLH	gldm	DependenceEntropy	5.290754711
wavelet-HLH	gldm	DependenceNonUniformity	20.34653465
wavelet-HLH	gldm	GrayLevelNonUniformity	11.23762376
wavelet-HLH	gldm	SmallDependenceEmphasis	0.396901829
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	61.95795381
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.201450838
wavelet-HLH	gldm	LargeDependenceEmphasis	14.5049505
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.123738673
wavelet-HLH	gldm	DependenceVariance	5.023429076

wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1996.079208
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014637409
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.019932861
wavelet-HLH	glcm	JointAverage	11.61861565
wavelet-HLH	glcm	SumAverage	23.2372313
wavelet-HLH	glcm	JointEntropy	5.734824781
wavelet-HLH	glcm	ClusterShade	-27.57145198
wavelet-HLH	glcm	MaximumProbability	0.069906499
wavelet-HLH	glcm	ldmn	0.969236677
wavelet-HLH	glcm	JointEnergy	0.024615292
wavelet-HLH	glcm	Contrast	18.71269327
wavelet-HLH	glcm	DifferenceEntropy	3.051105618
wavelet-HLH	glcm	InverseVariance	0.291713058
wavelet-HLH	glcm	DifferenceVariance	8.67028162
wavelet-HLH	glcm	ldn	0.889107912
wavelet-HLH	glcm	ldm	0.301139238
wavelet-HLH	glcm	Correlation	-0.025090108
wavelet-HLH	glcm	Autocorrelation	134.7905836
wavelet-HLH	glcm	SumEntropy	3.710358694
wavelet-HLH	glcm	SumSquares	9.13796493
wavelet-HLH	glcm	ClusterProminence	1523.180244
wavelet-HLH	glcm	lmc2	0.935183294
wavelet-HLH	glcm	lmc1	-0.310988957
wavelet-HLH	glcm	DifferenceAverage	3.157465675
wavelet-HLH	glcm	ld	0.383594332
wavelet-HLH	glcm	ClusterTendency	17.83916645
wavelet-HLH	firstorder	InterquartileRange	77.88891124
wavelet-HLH	firstorder	Skewness	-0.165720972
wavelet-HLH	firstorder	Uniformity	0.111263602
wavelet-HLH	firstorder	Median	8.162195144
wavelet-HLH	firstorder	Energy	650977.8786
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	35.39187871
wavelet-HLH	firstorder	MeanAbsoluteDeviation	57.71842204
wavelet-HLH	firstorder	TotalEnergy	17576402.72
wavelet-HLH	firstorder	Maximum	291.632
wavelet-HLH	firstorder	RootMeanSquared	80.28278477
wavelet-HLH	firstorder	90Percentile	88.90198594
wavelet-HLH	firstorder	Minimum	-254.3979863
wavelet-HLH	firstorder	Entropy	3.53252798
wavelet-HLH	firstorder	Range	546.0299863
wavelet-HLH	firstorder	Variance	6433.810488
wavelet-HLH	firstorder	10Percentile	-95.48323259
wavelet-HLH	firstorder	Kurtosis	4.816149251
wavelet-HLH	firstorder	Mean	3.393382231
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020495837
wavelet-HLH	glrlm	GrayLevelVariance	11.18836076
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.020982905
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.103329117
wavelet-HLH	glrlm	RunVariance	0.094192952
wavelet-HLH	glrlm	GrayLevelNonUniformity	9.603082417
wavelet-HLH	glrlm	LongRunEmphasis	1.277304984
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	138.2447294
wavelet-HLH	glrlm	RunLengthNonUniformity	79.34998552
wavelet-HLH	glrlm	ShortRunEmphasis	0.938985443
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	185.1779434
wavelet-HLH	glrlm	RunPercentage	0.920030465

wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.02316911
wavelet-HLH	glrlm	RunEntropy	3.890539032
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	146.6880145
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.853095105
wavelet-HLH	glszm	GrayLevelVariance	18.9017284
wavelet-HLH	glszm	ZoneVariance	13.69580247
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.081481481
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.512098765
wavelet-HLH	glszm	SizeZoneNonUniformity	23.04444444
wavelet-HLH	glszm	GrayLevelNonUniformity	3.666666667
wavelet-HLH	glszm	LargeAreaEmphasis	18.73333333
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	118.2290711
wavelet-HLH	glszm	ZonePercentage	0.445544554
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.169147495
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2594.4
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	153.9777778
wavelet-HLH	glszm	SmallAreaEmphasis	0.741220412
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.034281714
wavelet-HLH	glszm	ZoneEntropy	4.505974697
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.031408059
wavelet-HLH	ngtdm	Coarseness	0.064191529
wavelet-HLH	ngtdm	Complexity	282.5878407
wavelet-HLH	ngtdm	Strength	5.739926705
wavelet-HLH	ngtdm	Contrast	0.191884556
wavelet-HLH	ngtdm	Busyness	0.075703249

Image type	Feature Class	Feature Name	
general	info	BoundingBox	12: RTSTRUCT: C99-DNU-B_segment_RLL GTV (1, 0, 1, 7, 8, 8)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	d73f56b59ce21ff5f13d74dae2f0b7639442b079
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	010916be5a8eafb1f667b99718660d945b71b34
general	info	NumpyVersion	3
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	156
original	shape	Maximum2DDiameterSlice	26.4952826
original	shape	Sphericity	23.43074903
original	shape	MinorAxis	0.8257838
original	shape	Elongation	19.61068494
original	shape	SurfaceVolumeRatio	0.812602696
original	shape	Volume	0.362622692
original	shape	MajorAxis	4212
original	shape	SurfaceArea	24.1331773
original	shape	Flatness	1527.36678
original	shape	LeastAxis	0.544313972
original	shape	Maximum2DDiameterColumn	13.13602559
original	shape	Maximum2DDiameterRow	21.84032967
original	gldm	GrayLevelVariance	25.8069758
original	gldm	HighGrayLevelEmphasis	21.3091716
original	gldm	DependenceEntropy	252.1153846
original	gldm	DependenceNonUniformity	5.419319289
original	gldm	GrayLevelNonUniformity	19.91025641
original	gldm	SmallDependenceEmphasis	22.62820513
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.307899624
original	gldm	DependenceNonUniformityNormalized	45.70158859
original	gldm	LargeDependenceEmphasis	0.127629849
original	gldm	LargeDependenceLowGrayLevelEmphasis	31.79487179
original	gldm	DependenceVariance	0.155811352
original	gldm	LargeDependenceHighGrayLevelEmphasis	11.77498356
original	gldm	SmallDependenceLowGrayLevelEmphasis	10350.44872
original	gldm	LowGrayLevelEmphasis	0.008619192
original	glcm	JointAverage	0.020871398
			16.0520746

original	glcm	SumAverage	32.10414921
original	glcm	JointEntropy	5.370418562
original	glcm	ClusterShade	-361.7753917
original	glcm	MaximumProbability	0.123339709
original	glcm	Idmn	0.952316072
original	glcm	JointEnergy	0.04529002
original	glcm	Contrast	24.41944462
original	glcm	DifferenceEntropy	3.079625379
original	glcm	InverseVariance	0.353321428
original	glcm	DifferenceVariance	14.33314858
original	glcm	Idn	0.882882602
original	glcm	Idm	0.397602599
original	glcm	Correlation	0.23457385
original	glcm	Autocorrelation	261.4352649
original	glcm	SumEntropy	3.813936066
original	glcm	SumSquares	15.96448467
original	glcm	ClusterProminence	7463.171875
original	glcm	Imc2	0.881643935
original	glcm	Imc1	-0.24709845
original	glcm	DifferenceAverage	3.160141184
original	glcm	Id	0.454359556
original	glcm	ClusterTendency	39.43849405
original	firstorder	InterquartileRange	121
original	firstorder	Skewness	-1.336302187
original	firstorder	Uniformity	0.145052597
original	firstorder	Median	-1
original	firstorder	Energy	2610732
original	firstorder	RobustMeanAbsoluteDeviation	62.71616
original	firstorder	MeanAbsoluteDeviation	93.19395135
original	firstorder	TotalEnergy	70489764
original	firstorder	Maximum	67
original	firstorder	RootMeanSquared	129.3656119
original	firstorder	90Percentile	36
original	firstorder	Minimum	-425
original	firstorder	Entropy	3.377707211
original	firstorder	Range	492
original	firstorder	Variance	13314.71137
original	firstorder	10Percentile	-243
original	firstorder	Kurtosis	3.723779635
original	firstorder	Mean	-58.48717949
original	glrlm	ShortRunLowGrayLevelEmphasis	0.022238251
original	glrlm	GrayLevelVariance	22.78790206
original	glrlm	LowGrayLevelRunEmphasis	0.023016461
original	glrlm	GrayLevelNonUniformityNormalized	0.121930616
original	glrlm	RunVariance	0.19021239
original	glrlm	GrayLevelNonUniformity	16.4972124
original	glrlm	LongRunEmphasis	1.526777141
original	glrlm	ShortRunHighGrayLevelEmphasis	209.0337348
original	glrlm	RunLengthNonUniformity	104.2317881
original	glrlm	ShortRunEmphasis	0.898988008
original	glrlm	LongRunHighGrayLevelEmphasis	411.3360806
original	glrlm	RunPercentage	0.866370809
original	glrlm	LongRunLowGrayLevelEmphasis	0.026499145
original	glrlm	RunEntropy	4.015967554
original	glrlm	HighGrayLevelRunEmphasis	241.3320217

original	glrlm	RunLengthNonUniformityNormalized	0.769830105
original	glszm	GrayLevelVariance	23.18278464
original	glszm	ZoneVariance	48.54320988
original	glszm	GrayLevelNonUniformityNormalized	0.067901235
original	glszm	SizeZoneNonUniformityNormalized	0.517832647
original	glszm	SizeZoneNonUniformity	27.96296296
original	glszm	GrayLevelNonUniformity	3.666666667
original	glszm	LargeAreaEmphasis	56.88888889
original	glszm	SmallAreaHighGrayLevelEmphasis	94.83152583
original	glszm	ZonePercentage	0.346153846
original	glszm	LargeAreaLowGrayLevelEmphasis	0.261701572
original	glszm	LargeAreaHighGrayLevelEmphasis	18732.7037
original	glszm	HighGrayLevelZoneEmphasis	149.537037
original	glszm	SmallAreaEmphasis	0.745745535
original	glszm	LowGrayLevelZoneEmphasis	0.034928544
original	glszm	ZoneEntropy	4.720178188
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019623746
original	ngtdm	Coarseness	0.024578764
original	ngtdm	Complexity	423.2616973
original	ngtdm	Strength	6.348947646
original	ngtdm	Contrast	0.336235121
original	ngtdm	Busyness	0.101779065
wavelet-HHH	gldm	GrayLevelVariance	14.1283284
wavelet-HHH	gldm	HighGrayLevelEmphasis	151.2884615
wavelet-HHH	gldm	DependenceEntropy	5.61792528
wavelet-HHH	gldm	DependenceNonUniformity	29.01282051
wavelet-HHH	gldm	GrayLevelNonUniformity	16.98717949
wavelet-HHH	gldm	SmallDependenceEmphasis	0.359507132
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	58.63308979
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.185979619
wavelet-HHH	gldm	LargeDependenceEmphasis	17.87179487
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.15534113
wavelet-HHH	gldm	DependenceVariance	6.845989481
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	2479.326923
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018213458
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024417972
wavelet-HHH	glcm	JointAverage	11.65693855
wavelet-HHH	glcm	SumAverage	23.31387709
wavelet-HHH	glcm	JointEntropy	6.07348619
wavelet-HHH	glcm	ClusterShade	34.34078209
wavelet-HHH	glcm	MaximumProbability	0.072790618
wavelet-HHH	glcm	Idmn	0.970673154
wavelet-HHH	glcm	JointEnergy	0.023433612
wavelet-HHH	glcm	Contrast	25.0024012
wavelet-HHH	glcm	DifferenceEntropy	3.239031891
wavelet-HHH	glcm	InverseVariance	0.290651195
wavelet-HHH	glcm	DifferenceVariance	12.43900093
wavelet-HHH	glcm	Idn	0.895902505
wavelet-HHH	glcm	Idm	0.304582187
wavelet-HHH	glcm	Correlation	-0.038118439
wavelet-HHH	glcm	Autocorrelation	135.3739484
wavelet-HHH	glcm	SumEntropy	3.893467633
wavelet-HHH	glcm	SumSquares	11.97880348
wavelet-HHH	glcm	ClusterProminence	3072.121504
wavelet-HHH	glcm	Imc2	0.931156174

wavelet-HHH	glcm	Imc1	-0.286991543
wavelet-HHH	glcm	DifferenceAverage	3.491195223
wavelet-HHH	glcm	Id	0.382674666
wavelet-HHH	glcm	ClusterTendency	22.91281274
wavelet-HHH	firstorder	InterquartileRange	84.61732199
wavelet-HHH	firstorder	Skewness	0.307041021
wavelet-HHH	firstorder	Uniformity	0.108892176
wavelet-HHH	firstorder	Median	1.919429461
wavelet-HHH	firstorder	Energy	1343330.089
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	36.0516223
wavelet-HHH	firstorder	MeanAbsoluteDeviation	63.80227357
wavelet-HHH	firstorder	TotalEnergy	36269912.4
wavelet-HHH	firstorder	Maximum	385.8119182
wavelet-HHH	firstorder	RootMeanSquared	92.79596065
wavelet-HHH	firstorder	90Percentile	117.9180793
wavelet-HHH	firstorder	Minimum	-271.8209938
wavelet-HHH	firstorder	Entropy	3.679319157
wavelet-HHH	firstorder	Range	657.632912
wavelet-HHH	firstorder	Variance	8587.085185
wavelet-HHH	firstorder	10Percentile	-98.60068683
wavelet-HHH	firstorder	Kurtosis	5.443800844
wavelet-HHH	firstorder	Mean	4.899502855
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.025456375
wavelet-HHH	glrlm	GrayLevelVariance	15.24954379
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026007203
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098769763
wavelet-HHH	glrlm	RunVariance	0.117820797
wavelet-HHH	glrlm	GrayLevelNonUniformity	14.04246179
wavelet-HHH	glrlm	LongRunEmphasis	1.326060209
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	143.2986208
wavelet-HHH	glrlm	RunLengthNonUniformity	120.0141735
wavelet-HHH	glrlm	ShortRunEmphasis	0.934381719
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	197.595578
wavelet-HHH	glrlm	RunPercentage	0.910749507
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.028709282
wavelet-HHH	glrlm	RunEntropy	4.110863901
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	152.49546
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.843640024
wavelet-HHH	glszm	GrayLevelVariance	27.57823129
wavelet-HHH	glszm	ZoneVariance	22.47165533
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.0622323
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.471403376
wavelet-HHH	glszm	SizeZoneNonUniformity	29.6984127
wavelet-HHH	glszm	GrayLevelNonUniformity	3.920634921
wavelet-HHH	glszm	LargeAreaEmphasis	28.6031746
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	118.6607556
wavelet-HHH	glszm	ZonePercentage	0.403846154
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.26424025
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3899.920635
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	165.9206349
wavelet-HHH	glszm	SmallAreaEmphasis	0.710827577
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.046909617
wavelet-HHH	glszm	ZoneEntropy	5.038876503
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.043153354
wavelet-HHH	ngtdm	Coarseness	0.041927235

wavelet-HHH	ngtdm	Complexity	546.8848051
wavelet-HHH	ngtdm	Strength	6.383618754
wavelet-HHH	ngtdm	Contrast	0.174022171
wavelet-HHH	ngtdm	Busyness	0.080874927
wavelet-HLL	gldm	GrayLevelVariance	46.49802761
wavelet-HLL	gldm	HighGrayLevelEmphasis	196.0897436
wavelet-HLL	gldm	DependenceEntropy	5.755540223
wavelet-HLL	gldm	DependenceNonUniformity	26.96153846
wavelet-HLL	gldm	GrayLevelNonUniformity	12.05128205
wavelet-HLL	gldm	SmallDependenceEmphasis	0.351108118
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	115.0972333
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.172830375
wavelet-HLL	gldm	LargeDependenceEmphasis	15.51282051
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.154141353
wavelet-HLL	gldm	DependenceVariance	5.157626561
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2328.75641
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.010144364
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.017970531
wavelet-HLL	glcm	JointAverage	11.39801502
wavelet-HLL	glcm	SumAverage	22.79603003
wavelet-HLL	glcm	JointEntropy	6.50139762
wavelet-HLL	glcm	ClusterShade	1687.550757
wavelet-HLL	glcm	MaximumProbability	0.043268891
wavelet-HLL	glcm	Idmn	0.985771861
wavelet-HLL	glcm	JointEnergy	0.014287441
wavelet-HLL	glcm	Contrast	41.21040788
wavelet-HLL	glcm	DifferenceEntropy	3.362957402
wavelet-HLL	glcm	InverseVariance	0.270480412
wavelet-HLL	glcm	DifferenceVariance	23.62662886
wavelet-HLL	glcm	Idn	0.930905692
wavelet-HLL	glcm	Idm	0.286928907
wavelet-HLL	glcm	Correlation	0.259885464
wavelet-HLL	glcm	Autocorrelation	137.5339764
wavelet-HLL	glcm	SumEntropy	4.388581554
wavelet-HLL	glcm	SumSquares	28.16089945
wavelet-HLL	glcm	ClusterProminence	97051.03865
wavelet-HLL	glcm	Imc2	0.951769563
wavelet-HLL	glcm	Imc1	-0.309008109
wavelet-HLL	glcm	DifferenceAverage	4.07579408
wavelet-HLL	glcm	Id	0.366695116
wavelet-HLL	glcm	ClusterTendency	71.43318991
wavelet-HLL	firstorder	InterquartileRange	126.7108383
wavelet-HLL	firstorder	Skewness	2.849670474
wavelet-HLL	firstorder	Uniformity	0.077251808
wavelet-HLL	firstorder	Median	-56.29130141
wavelet-HLL	firstorder	Energy	4663954.024
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	55.91625252
wavelet-HLL	firstorder	MeanAbsoluteDeviation	104.4225469
wavelet-HLL	firstorder	TotalEnergy	125926758.6
wavelet-HLL	firstorder	Maximum	913.8572885
wavelet-HLL	firstorder	RootMeanSquared	172.907898
wavelet-HLL	firstorder	90Percentile	104.0764346
wavelet-HLL	firstorder	Minimum	-322.6094621
wavelet-HLL	firstorder	Entropy	4.011972453
wavelet-HLL	firstorder	Range	1236.466751



wavelet-HLL	firstorder	Variance	28965.65175
wavelet-HLL	firstorder	10Percentile	-175.5488952
wavelet-HLL	firstorder	Kurtosis	14.27020248
wavelet-HLL	firstorder	Mean	-30.52031175
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.017952927
wavelet-HLL	glrlm	GrayLevelVariance	49.98771782
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.018658948
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.074246333
wavelet-HLL	glrlm	RunVariance	0.105247685
wavelet-HLL	glrlm	GrayLevelNonUniformity	10.59566933
wavelet-HLL	glrlm	LongRunEmphasis	1.303323702
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	193.0235502
wavelet-HLL	glrlm	RunLengthNonUniformity	120.7160639
wavelet-HLL	glrlm	ShortRunEmphasis	0.935210665
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	243.3399066
wavelet-HLL	glrlm	RunPercentage	0.91469428
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.021837614
wavelet-HLL	glrlm	RunEntropy	4.392825119
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	201.7366331
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.844806923
wavelet-HLL	glszm	GrayLevelVariance	89.74916462
wavelet-HLL	glszm	ZoneVariance	8.698151036
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.057696592
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.41501448
wavelet-HLL	glszm	SizeZoneNonUniformity	27.80597015
wavelet-HLL	glszm	GrayLevelNonUniformity	3.865671642
wavelet-HLL	glszm	LargeAreaEmphasis	14.11940299
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	250.2459578
wavelet-HLL	glszm	ZonePercentage	0.429487179
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.151830196
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2150.119403
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	290.3731343
wavelet-HLL	glszm	SmallAreaEmphasis	0.667981876
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.026195088
wavelet-HLL	glszm	ZoneEntropy	5.250728138
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021768993
wavelet-HLL	ngtdm	Coarseness	0.040550615
wavelet-HLL	ngtdm	Complexity	1315.813463
wavelet-HLL	ngtdm	Strength	26.06598169
wavelet-HLL	ngtdm	Contrast	0.464644077
wavelet-HLL	ngtdm	Busyness	0.084033289
wavelet-LHL	gldm	GrayLevelVariance	19.98767258
wavelet-LHL	gldm	HighGrayLevelEmphasis	289.7051282
wavelet-LHL	gldm	DependenceEntropy	5.63281428
wavelet-LHL	gldm	DependenceNonUniformity	27.94871795
wavelet-LHL	gldm	GrayLevelNonUniformity	14.71794872
wavelet-LHL	gldm	SmallDependenceEmphasis	0.375307449
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	109.5875519
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.179158448
wavelet-LHL	gldm	LargeDependenceEmphasis	14.1025641
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.06230483
wavelet-LHL	gldm	DependenceVariance	4.316896778
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4274.230769
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014909541
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017339499

wavelet-LHL	glcm	JointAverage	16.79818669
wavelet-LHL	glcm	SumAverage	33.59637338
wavelet-LHL	glcm	JointEntropy	6.19181058
wavelet-LHL	glcm	ClusterShade	-29.41549837
wavelet-LHL	glcm	MaximumProbability	0.051786887
wavelet-LHL	glcm	Idmn	0.980873336
wavelet-LHL	glcm	JointEnergy	0.018499054
wavelet-LHL	glcm	Contrast	26.66637803
wavelet-LHL	glcm	DifferenceEntropy	3.205786055
wavelet-LHL	glcm	InverseVariance	0.281356652
wavelet-LHL	glcm	DifferenceVariance	13.59376557
wavelet-LHL	glcm	Idn	0.915537299
wavelet-LHL	glcm	Idm	0.290664981
wavelet-LHL	glcm	Correlation	0.068132495
wavelet-LHL	glcm	Autocorrelation	282.9901121
wavelet-LHL	glcm	SumEntropy	4.0868155
wavelet-LHL	glcm	SumSquares	14.12543257
wavelet-LHL	glcm	ClusterProminence	5144.257928
wavelet-LHL	glcm	Imc2	0.925902081
wavelet-LHL	glcm	Imc1	-0.27488967
wavelet-LHL	glcm	DifferenceAverage	3.535721567
wavelet-LHL	glcm	Id	0.373266074
wavelet-LHL	glcm	ClusterTendency	29.83535226
wavelet-LHL	firstorder	InterquartileRange	100.755274
wavelet-LHL	firstorder	Skewness	-0.01162061
wavelet-LHL	firstorder	Uniformity	0.094345825
wavelet-LHL	firstorder	Median	-41.36663902
wavelet-LHL	firstorder	Energy	2398507.368
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	43.58605038
wavelet-LHL	firstorder	MeanAbsoluteDeviation	77.30383261
wavelet-LHL	firstorder	TotalEnergy	64759698.93
wavelet-LHL	firstorder	Maximum	419.850749
wavelet-LHL	firstorder	RootMeanSquared	123.9961581
wavelet-LHL	firstorder	90Percentile	40.20210684
wavelet-LHL	firstorder	Minimum	-448.1349109
wavelet-LHL	firstorder	Entropy	3.834926766
wavelet-LHL	firstorder	Range	867.98566
wavelet-LHL	firstorder	Variance	12739.54705
wavelet-LHL	firstorder	10Percentile	-188.3881296
wavelet-LHL	firstorder	Kurtosis	6.164177514
wavelet-LHL	firstorder	Mean	-51.33712282
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.018360899
wavelet-LHL	glrlm	GrayLevelVariance	21.41760366
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.018586112
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.088069576
wavelet-LHL	glrlm	RunVariance	0.09941536
wavelet-LHL	glrlm	GrayLevelNonUniformity	12.6209805
wavelet-LHL	glrlm	LongRunEmphasis	1.290168021
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	269.9403001
wavelet-LHL	glrlm	RunLengthNonUniformity	121.9065189
wavelet-LHL	glrlm	ShortRunEmphasis	0.936952626
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	375.7413627
wavelet-LHL	glrlm	RunPercentage	0.918145957
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.019619288
wavelet-LHL	glrlm	RunEntropy	4.233927473

wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	288.8143731
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.849233572
wavelet-LHL	glszm	GrayLevelVariance	40.77514648
wavelet-LHL	glszm	ZoneVariance	21.62109375
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.064941406
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.548339844
wavelet-LHL	glszm	SizeZoneNonUniformity	35.09375
wavelet-LHL	glszm	GrayLevelNonUniformity	4.15625
wavelet-LHL	glszm	LargeAreaEmphasis	27.5625
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	225.9423457
wavelet-LHL	glszm	ZonePercentage	0.41025641
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.125753594
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	8465.46875
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	283.453125
wavelet-LHL	glszm	SmallAreaEmphasis	0.765632374
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.036899478
wavelet-LHL	glszm	ZoneEntropy	4.935328664
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.03570792
wavelet-LHL	ngtdm	Coarseness	0.03861244
wavelet-LHL	ngtdm	Complexity	764.3199524
wavelet-LHL	ngtdm	Strength	8.756766242
wavelet-LHL	ngtdm	Contrast	0.221448763
wavelet-LHL	ngtdm	Busyness	0.057424366
wavelet-LHH	gldm	GrayLevelVariance	18.22386588
wavelet-LHH	gldm	HighGrayLevelEmphasis	231.8333333
wavelet-LHH	gldm	DependenceEntropy	5.66926568
wavelet-LHH	gldm	DependenceNonUniformity	31.6025641
wavelet-LHH	gldm	GrayLevelNonUniformity	13.14102564
wavelet-LHH	gldm	SmallDependenceEmphasis	0.357784346
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	89.97810842
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.202580539
wavelet-LHH	gldm	LargeDependenceEmphasis	10.23076923
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.070408948
wavelet-LHH	gldm	DependenceVariance	2.632971729
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2239.897436
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015311813
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.019738808
wavelet-LHH	glcm	JointAverage	14.52997234
wavelet-LHH	glcm	SumAverage	29.05994468
wavelet-LHH	glcm	JointEntropy	6.371853513
wavelet-LHH	glcm	ClusterShade	-46.98388398
wavelet-LHH	glcm	MaximumProbability	0.041095837
wavelet-LHH	glcm	Idmn	0.970182545
wavelet-LHH	glcm	JointEnergy	0.015507847
wavelet-LHH	glcm	Contrast	29.80048801
wavelet-LHH	glcm	DifferenceEntropy	3.287373838
wavelet-LHH	glcm	InverseVariance	0.273745294
wavelet-LHH	glcm	DifferenceVariance	14.55423416
wavelet-LHH	glcm	Idn	0.893494021
wavelet-LHH	glcm	Idm	0.262239894
wavelet-LHH	glcm	Correlation	-0.020353427
wavelet-LHH	glcm	Autocorrelation	210.6810014
wavelet-LHH	glcm	SumEntropy	4.072763973
wavelet-LHH	glcm	SumSquares	14.44455622
wavelet-LHH	glcm	ClusterProminence	4288.181011

wavelet-LHH	glcm	Imc2	0.934973403
wavelet-LHH	glcm	Imc1	-0.281335655
wavelet-LHH	glcm	DifferenceAverage	3.835285825
wavelet-LHH	glcm	Id	0.34763363
wavelet-LHH	glcm	ClusterTendency	27.97773686
wavelet-LHH	firstorder	InterquartileRange	114.7607872
wavelet-LHH	firstorder	Skewness	-0.207009013
wavelet-LHH	firstorder	Uniformity	0.084237344
wavelet-LHH	firstorder	Median	12.23545743
wavelet-LHH	firstorder	Energy	1744772.818
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	48.56241628
wavelet-LHH	firstorder	MeanAbsoluteDeviation	77.91593975
wavelet-LHH	firstorder	TotalEnergy	47108866.09
wavelet-LHH	firstorder	Maximum	370.0416255
wavelet-LHH	firstorder	RootMeanSquared	105.7565182
wavelet-LHH	firstorder	90Percentile	110.7029206
wavelet-LHH	firstorder	Minimum	-339.9670946
wavelet-LHH	firstorder	Entropy	3.864893625
wavelet-LHH	firstorder	Range	710.00872
wavelet-LHH	firstorder	Variance	11175.90329
wavelet-LHH	firstorder	10Percentile	-107.0999901
wavelet-LHH	firstorder	Kurtosis	4.948093518
wavelet-LHH	firstorder	Mean	2.921960904
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020464607
wavelet-LHH	glrlm	GrayLevelVariance	19.07590793
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.020766408
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.08203453
wavelet-LHH	glrlm	RunVariance	0.083599452
wavelet-LHH	glrlm	GrayLevelNonUniformity	11.94061467
wavelet-LHH	glrlm	LongRunEmphasis	1.238919782
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	221.5832413
wavelet-LHH	glrlm	RunLengthNonUniformity	127.9113877
wavelet-LHH	glrlm	ShortRunEmphasis	0.949306371
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	285.2985791
wavelet-LHH	glrlm	RunPercentage	0.932445759
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.022149237
wavelet-LHH	glrlm	RunEntropy	4.175889517
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	232.7216592
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.877304434
wavelet-LHH	glszm	GrayLevelVariance	31.70792899
wavelet-LHH	glszm	ZoneVariance	8.701538462
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.062248521
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.412544379
wavelet-LHH	glszm	SizeZoneNonUniformity	26.81538462
wavelet-LHH	glszm	GrayLevelNonUniformity	4.046153846
wavelet-LHH	glszm	LargeAreaEmphasis	14.46153846
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	172.713518
wavelet-LHH	glszm	ZonePercentage	0.416666667
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.110833589
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3177.661538
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	248.4769231
wavelet-LHH	glszm	SmallAreaEmphasis	0.661693085
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.038346893
wavelet-LHH	glszm	ZoneEntropy	5.164299544
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.035231547

wavelet-LHH	ngtdm	Coarseness	0.035871126
wavelet-LHH	ngtdm	Complexity	670.4410102
wavelet-LHH	ngtdm	Strength	6.422032634
wavelet-LHH	ngtdm	Contrast	0.256015064
wavelet-LHH	ngtdm	Busyness	0.081813938
wavelet-LLH	gldm	GrayLevelVariance	56.77843524
wavelet-LLH	gldm	HighGrayLevelEmphasis	373.4358974
wavelet-LLH	gldm	DependenceEntropy	5.751489361
wavelet-LLH	gldm	DependenceNonUniformity	36.8974359
wavelet-LLH	gldm	GrayLevelNonUniformity	11.05128205
wavelet-LLH	gldm	SmallDependenceEmphasis	0.451520546
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	231.0121729
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.236522025
wavelet-LLH	gldm	LargeDependenceEmphasis	8.217948718
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041096614
wavelet-LLH	gldm	DependenceVariance	2.221729126
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2274.128205
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008692416
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011162817
wavelet-LLH	glcm	JointAverage	17.04265378
wavelet-LLH	glcm	SumAverage	34.08530756
wavelet-LLH	glcm	JointEntropy	6.649903267
wavelet-LLH	glcm	ClusterShade	1877.598065
wavelet-LLH	glcm	MaximumProbability	0.035771965
wavelet-LLH	glcm	Idmn	0.976095194
wavelet-LLH	glcm	JointEnergy	0.012609586
wavelet-LLH	glcm	Contrast	66.39925435
wavelet-LLH	glcm	DifferenceEntropy	3.639740936
wavelet-LLH	glcm	InverseVariance	0.24903262
wavelet-LLH	glcm	DifferenceVariance	35.93402565
wavelet-LLH	glcm	Idn	0.910674851
wavelet-LLH	glcm	Idm	0.231528473
wavelet-LLH	glcm	Correlation	0.146360753
wavelet-LLH	glcm	Autocorrelation	297.7193275
wavelet-LLH	glcm	SumEntropy	4.453978425
wavelet-LLH	glcm	SumSquares	40.36303468
wavelet-LLH	glcm	ClusterProminence	89023.75323
wavelet-LLH	glcm	Imc2	0.975813211
wavelet-LLH	glcm	Imc1	-0.374710095
wavelet-LLH	glcm	DifferenceAverage	5.378542321
wavelet-LLH	glcm	Id	0.313634951
wavelet-LLH	glcm	ClusterTendency	95.05288438
wavelet-LLH	firstorder	InterquartileRange	129.2280236
wavelet-LLH	firstorder	Skewness	1.641631791
wavelet-LLH	firstorder	Uniformity	0.070841552
wavelet-LLH	firstorder	Median	-24.36185596
wavelet-LLH	firstorder	Energy	5482976.275
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	59.08919518
wavelet-LLH	firstorder	MeanAbsoluteDeviation	124.3301883
wavelet-LLH	firstorder	TotalEnergy	148040359.4
wavelet-LLH	firstorder	Maximum	778.4187734
wavelet-LLH	firstorder	RootMeanSquared	187.4760887
wavelet-LLH	firstorder	90Percentile	245.7174983
wavelet-LLH	firstorder	Minimum	-403.4016233
wavelet-LLH	firstorder	Entropy	4.309758935

wavelet-LLH	firstorder	Range	1181.820397
wavelet-LLH	firstorder	Variance	35097.29415
wavelet-LLH	firstorder	10Percentile	-195.1064731
wavelet-LLH	firstorder	Kurtosis	6.672992413
wavelet-LLH	firstorder	Mean	7.07033694
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011391591
wavelet-LLH	glrlm	GrayLevelVariance	59.61497241
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011572307
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.068083424
wavelet-LLH	glrlm	RunVariance	0.063862078
wavelet-LLH	glrlm	GrayLevelNonUniformity	10.03047823
wavelet-LLH	glrlm	LongRunEmphasis	1.186855888
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	369.0574361
wavelet-LLH	glrlm	RunLengthNonUniformity	132.0958892
wavelet-LLH	glrlm	ShortRunEmphasis	0.957971306
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	429.1211185
wavelet-LLH	glrlm	RunPercentage	0.944280079
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012368552
wavelet-LLH	glrlm	RunEntropy	4.587909587
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	380.0526557
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.895993577
wavelet-LLH	glszm	GrayLevelVariance	100.3136095
wavelet-LLH	glszm	ZoneVariance	8.58974359
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.046351085
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.560486522
wavelet-LLH	glszm	SizeZoneNonUniformity	43.71794872
wavelet-LLH	glszm	GrayLevelNonUniformity	3.615384615
wavelet-LLH	glszm	LargeAreaEmphasis	12.58974359
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	428.4675073
wavelet-LLH	glszm	ZonePercentage	0.5
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.06473938
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3519.692308
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	485.0769231
wavelet-LLH	glszm	SmallAreaEmphasis	0.773974804
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017968079
wavelet-LLH	glszm	ZoneEntropy	5.415218847
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016789503
wavelet-LLH	ngtdm	Coarseness	0.036522457
wavelet-LLH	ngtdm	Complexity	2503.838726
wavelet-LLH	ngtdm	Strength	24.46689957
wavelet-LLH	ngtdm	Contrast	0.420614493
wavelet-LLH	ngtdm	Busyness	0.043415033
wavelet-LLL	gldm	GrayLevelVariance	155.4204471
wavelet-LLL	gldm	HighGrayLevelEmphasis	1895.807692
wavelet-LLL	gldm	DependenceEntropy	5.955126299
wavelet-LLL	gldm	DependenceNonUniformity	38.38461538
wavelet-LLL	gldm	GrayLevelNonUniformity	7.564102564
wavelet-LLL	gldm	SmallDependenceEmphasis	0.485910236
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	682.4818473
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.246055227
wavelet-LLL	gldm	LargeDependenceEmphasis	9.025641026
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.011393091
wavelet-LLL	gldm	DependenceVariance	2.839579224
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	22638.76923
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007795002

wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008048622
wavelet-LLL	glcm	JointAverage	44.50126244
wavelet-LLL	glcm	SumAverage	89.00252488
wavelet-LLL	glcm	JointEntropy	6.867369406
wavelet-LLL	glcm	ClusterShade	-6548.152894
wavelet-LLL	glcm	MaximumProbability	0.036793968
wavelet-LLL	glcm	Idmn	0.963364906
wavelet-LLL	glcm	JointEnergy	0.011185307
wavelet-LLL	glcm	Contrast	136.2684861
wavelet-LLL	glcm	DifferenceEntropy	4.165277192
wavelet-LLL	glcm	InverseVariance	0.199539524
wavelet-LLL	glcm	DifferenceVariance	70.03492766
wavelet-LLL	glcm	Idn	0.888271267
wavelet-LLL	glcm	Idm	0.202400112
wavelet-LLL	glcm	Correlation	0.395631439
wavelet-LLL	glcm	Autocorrelation	2024.608387
wavelet-LLL	glcm	SumEntropy	5.101582737
wavelet-LLL	glcm	SumSquares	112.2176347
wavelet-LLL	glcm	ClusterProminence	389407.2275
wavelet-LLL	glcm	Imc2	0.992187051
wavelet-LLL	glcm	Imc1	-0.467833712
wavelet-LLL	glcm	DifferenceAverage	8.004452827
wavelet-LLL	glcm	Id	0.275236309
wavelet-LLL	glcm	ClusterTendency	312.6020526
wavelet-LLL	firstorder	InterquartileRange	443.8232643
wavelet-LLL	firstorder	Skewness	-1.130552247
wavelet-LLL	firstorder	Uniformity	0.048487837
wavelet-LLL	firstorder	Median	-87.46520652
wavelet-LLL	firstorder	Energy	21078549.19
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	182.5538688
wavelet-LLL	firstorder	MeanAbsoluteDeviation	255.2163815
wavelet-LLL	firstorder	TotalEnergy	569120828.2
wavelet-LLL	firstorder	Maximum	161.7569955
wavelet-LLL	firstorder	RootMeanSquared	367.5852351
wavelet-LLL	firstorder	90Percentile	93.73090417
wavelet-LLL	firstorder	Minimum	-1206.676064
wavelet-LLL	firstorder	Entropy	4.80365989
wavelet-LLL	firstorder	Range	1368.433059
wavelet-LLL	firstorder	Variance	97147.30526
wavelet-LLL	firstorder	10Percentile	-682.2439371
wavelet-LLL	firstorder	Kurtosis	3.498409732
wavelet-LLL	firstorder	Mean	-194.8630283
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008495911
wavelet-LLL	glrlm	GrayLevelVariance	158.3378886
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.008515084
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.045387849
wavelet-LLL	glrlm	RunVariance	0.068629139
wavelet-LLL	glrlm	GrayLevelNonUniformity	6.68029501
wavelet-LLL	glrlm	LongRunEmphasis	1.19574396
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1751.958088
wavelet-LLL	glrlm	RunLengthNonUniformity	131.7405137
wavelet-LLL	glrlm	ShortRunEmphasis	0.957312023
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2352.535863
wavelet-LLL	glrlm	RunPercentage	0.942800789
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008600796

wavelet-LLL	glrlm	RunEntropy	5.065649596
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1858.198322
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.894714735
wavelet-LLL	glszm	GrayLevelVariance	169.0471972
wavelet-LLL	glszm	ZoneVariance	6.678754325
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.033079585
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.589757785
wavelet-LLL	glszm	SizeZoneNonUniformity	50.12941176
wavelet-LLL	glszm	GrayLevelNonUniformity	2.811764706
wavelet-LLL	glszm	LargeAreaEmphasis	10.04705882
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1036.434151
wavelet-LLL	glszm	ZonePercentage	0.544871795
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018013045
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	25183.2
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1454.058824
wavelet-LLL	glszm	SmallAreaEmphasis	0.794498919
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.014379106
wavelet-LLL	glszm	ZoneEntropy	5.507871048
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.014253988
wavelet-LLL	ngtdm	Coarseness	0.032267734
wavelet-LLL	ngtdm	Complexity	4719.12268
wavelet-LLL	ngtdm	Strength	40.12096049
wavelet-LLL	ngtdm	Contrast	1.098985073
wavelet-LLL	ngtdm	Busyness	0.015321903
wavelet-HHL	gldm	GrayLevelVariance	9.822813938
wavelet-HHL	gldm	HighGrayLevelEmphasis	176.1666667
wavelet-HHL	gldm	DependenceEntropy	5.281884355
wavelet-HHL	gldm	DependenceNonUniformity	24.26923077
wavelet-HHL	gldm	GrayLevelNonUniformity	22.07692308
wavelet-HHL	gldm	SmallDependenceEmphasis	0.289355595
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	57.60152746
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.155571992
wavelet-HHL	gldm	LargeDependenceEmphasis	16.38461538
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.115238312
wavelet-HHL	gldm	DependenceVariance	4.402366864
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2577.025641
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008778707
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.013359183
wavelet-HHL	glcm	JointAverage	12.77777837
wavelet-HHL	glcm	SumAverage	25.55555675
wavelet-HHL	glcm	JointEntropy	5.546503696
wavelet-HHL	glcm	ClusterShade	47.4316905
wavelet-HHL	glcm	MaximumProbability	0.07726315
wavelet-HHL	glcm	Idmn	0.988442757
wavelet-HHL	glcm	JointEnergy	0.030559812
wavelet-HHL	glcm	Contrast	13.12477712
wavelet-HHL	glcm	DifferenceEntropy	2.733355765
wavelet-HHL	glcm	InverseVariance	0.375432171
wavelet-HHL	glcm	DifferenceVariance	6.913518411
wavelet-HHL	glcm	Idn	0.932846065
wavelet-HHL	glcm	Idm	0.359138133
wavelet-HHL	glcm	Correlation	-0.009863996
wavelet-HHL	glcm	Autocorrelation	163.1994118
wavelet-HHL	glcm	SumEntropy	3.516424361
wavelet-HHL	glcm	SumSquares	6.481729893



wavelet-HHL	glcm	ClusterProminence	1593.95536
wavelet-HHL	glcm	Imc2	0.822760034
wavelet-HHL	glcm	Imc1	-0.188269359
wavelet-HHL	glcm	DifferenceAverage	2.473903073
wavelet-HHL	glcm	Id	0.431197561
wavelet-HHL	glcm	ClusterTendency	12.80214245
wavelet-HHL	firstorder	InterquartileRange	57.68073424
wavelet-HHL	firstorder	Skewness	1.611233643
wavelet-HHL	firstorder	Uniformity	0.141518738
wavelet-HHL	firstorder	Median	1.793957859
wavelet-HHL	firstorder	Energy	933387.9391
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	26.06808846
wavelet-HHL	firstorder	MeanAbsoluteDeviation	48.74978363
wavelet-HHL	firstorder	TotalEnergy	25201474.35
wavelet-HHL	firstorder	Maximum	477.1743631
wavelet-HHL	firstorder	RootMeanSquared	77.35150948
wavelet-HHL	firstorder	90Percentile	93.89102857
wavelet-HHL	firstorder	Minimum	-275.2442068
wavelet-HHL	firstorder	Entropy	3.208931822
wavelet-HHL	firstorder	Range	752.4185699
wavelet-HHL	firstorder	Variance	5892.969248
wavelet-HHL	firstorder	10Percentile	-58.13414168
wavelet-HHL	firstorder	Kurtosis	13.07957013
wavelet-HHL	firstorder	Mean	9.501935139
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01361328
wavelet-HHL	glrlm	GrayLevelVariance	10.64829125
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.014087517
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.133088181
wavelet-HHL	glrlm	RunVariance	0.12209435
wavelet-HHL	glrlm	GrayLevelNonUniformity	18.81818113
wavelet-HHL	glrlm	LongRunEmphasis	1.351369122
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	166.369699
wavelet-HHL	glrlm	RunLengthNonUniformity	117.8984003
wavelet-HHL	glrlm	ShortRunEmphasis	0.927627424
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	233.744466
wavelet-HHL	glrlm	RunPercentage	0.905325444
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.016401476
wavelet-HHL	glrlm	RunEntropy	3.666045765
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	177.9674374
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.831134116
wavelet-HHL	glszm	GrayLevelVariance	25.38888889
wavelet-HHL	glszm	ZoneVariance	46.27083333
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.098958333
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.4453125
wavelet-HHL	glszm	SizeZoneNonUniformity	21.375
wavelet-HHL	glszm	GrayLevelNonUniformity	4.75
wavelet-HHL	glszm	LargeAreaEmphasis	56.83333333
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	143.1481913
wavelet-HHL	glszm	ZonePercentage	0.307692308
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.398768639
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	8792.958333
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	203.1666667
wavelet-HHL	glszm	SmallAreaEmphasis	0.690817881
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.028805316
wavelet-HHL	glszm	ZoneEntropy	4.530187699

wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.026961668
wavelet-HHL	ngtdm	Coarseness	0.041790313
wavelet-HHL	ngtdm	Complexity	324.0136758
wavelet-HHL	ngtdm	Strength	7.110181324
wavelet-HHL	ngtdm	Contrast	0.149355781
wavelet-HHL	ngtdm	Busyness	0.093267102
wavelet-HLH	gldm	GrayLevelVariance	16.79236522
wavelet-HLH	gldm	HighGrayLevelEmphasis	177.724359
wavelet-HLH	gldm	DependenceEntropy	5.763149781
wavelet-HLH	gldm	DependenceNonUniformity	31.6025641
wavelet-HLH	gldm	GrayLevelNonUniformity	13.73076923
wavelet-HLH	gldm	SmallDependenceEmphasis	0.422021377
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	83.49814735
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.202580539
wavelet-HLH	gldm	LargeDependenceEmphasis	12.19230769
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.096295524
wavelet-HLH	gldm	DependenceVariance	3.945101907
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1901.096154
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013639646
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.017801029
wavelet-HLH	glcm	JointAverage	12.59365721
wavelet-HLH	glcm	SumAverage	25.18731442
wavelet-HLH	glcm	JointEntropy	6.35933969
wavelet-HLH	glcm	ClusterShade	-4.10322126
wavelet-HLH	glcm	MaximumProbability	0.044326843
wavelet-HLH	glcm	Idmn	0.9655173
wavelet-HLH	glcm	JointEnergy	0.015858667
wavelet-HLH	glcm	Contrast	27.82412511
wavelet-HLH	glcm	DifferenceEntropy	3.294387826
wavelet-HLH	glcm	InverseVariance	0.254717913
wavelet-HLH	glcm	DifferenceVariance	13.4363694
wavelet-HLH	glcm	Idn	0.885431761
wavelet-HLH	glcm	Idm	0.265083237
wavelet-HLH	glcm	Correlation	-0.04823417
wavelet-HLH	glcm	Autocorrelation	158.0049374
wavelet-HLH	glcm	SumEntropy	4.005697331
wavelet-HLH	glcm	SumSquares	13.30297451
wavelet-HLH	glcm	ClusterProminence	3018.285418
wavelet-HLH	glcm	Imc2	0.935219082
wavelet-HLH	glcm	Imc1	-0.283463727
wavelet-HLH	glcm	DifferenceAverage	3.749493236
wavelet-HLH	glcm	Id	0.352828752
wavelet-HLH	glcm	ClusterTendency	25.38777292
wavelet-HLH	firstorder	InterquartileRange	97.69590361
wavelet-HLH	firstorder	Skewness	0.351228798
wavelet-HLH	firstorder	Uniformity	0.088017751
wavelet-HLH	firstorder	Median	2.487586366
wavelet-HLH	firstorder	Energy	1630743.202
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	44.8800553
wavelet-HLH	firstorder	MeanAbsoluteDeviation	74.34856357
wavelet-HLH	firstorder	TotalEnergy	44030066.45
wavelet-HLH	firstorder	Maximum	345.1369671
wavelet-HLH	firstorder	RootMeanSquared	102.2422714
wavelet-HLH	firstorder	90Percentile	124.6563533
wavelet-HLH	firstorder	Minimum	-280.1819052

wavelet-HLH	firstorder	Entropy	3.882611652
wavelet-HLH	firstorder	Range	625.3188723
wavelet-HLH	firstorder	Variance	10433.78564
wavelet-HLH	firstorder	10Percentile	-115.5654753
wavelet-HLH	firstorder	Kurtosis	4.448845952
wavelet-HLH	firstorder	Mean	4.438064801
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.018253113
wavelet-HLH	glrlm	GrayLevelVariance	17.79225011
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.018640924
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.083622202
wavelet-HLH	glrlm	RunVariance	0.083214076
wavelet-HLH	glrlm	GrayLevelNonUniformity	12.10881103
wavelet-HLH	glrlm	LongRunEmphasis	1.246260813
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	170.6024425
wavelet-HLH	glrlm	RunLengthNonUniformity	125.5232788
wavelet-HLH	glrlm	ShortRunEmphasis	0.944992299
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	217.9315708
wavelet-HLH	glrlm	RunPercentage	0.92800789
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.020378809
wavelet-HLH	glrlm	RunEntropy	4.237190423
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	179.3091493
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.866179955
wavelet-HLH	glszm	GrayLevelVariance	30.38715278
wavelet-HLH	glszm	ZoneVariance	11.38888889
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.055941358
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.574845679
wavelet-HLH	glszm	SizeZoneNonUniformity	41.38888889
wavelet-HLH	glszm	GrayLevelNonUniformity	4.027777778
wavelet-HLH	glszm	LargeAreaEmphasis	16.08333333
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	157.8379992
wavelet-HLH	glszm	ZonePercentage	0.461538462
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.137660547
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2454.652778
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	196.1527778
wavelet-HLH	glszm	SmallAreaEmphasis	0.778948268
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.030295274
wavelet-HLH	glszm	ZoneEntropy	5.08833746
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.028571531
wavelet-HLH	ngtdm	Coarseness	0.040101479
wavelet-HLH	ngtdm	Complexity	692.3713919
wavelet-HLH	ngtdm	Strength	7.070228139
wavelet-HLH	ngtdm	Contrast	0.191462328
wavelet-HLH	ngtdm	Busyness	0.074830355

Image type	Feature Class	Feature Name	
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general	info	MaskHash	
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	200
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original	shape	Sphericity	0.789034057
original	shape	MinorAxis	17.71844273
original	shape	Elongation	0.633956179
original	shape	SurfaceVolumeRatio	0.349347084
original	shape	Volume	5400
original	shape	MajorAxis	27.94900235
original	shape	SurfaceArea	1886.474253
original	shape	Flatness	0.604010204
original	shape	LeastAxis	16.8814826
original	shape	Maximum2DDiameterColumn	25.8069758
original	shape	Maximum2DDiameterRow	24.18677324
original	gldm	GrayLevelVariance	16.0744
original	gldm	HighGrayLevelEmphasis	310.54
original	gldm	DependenceEntropy	5.644414806
original	gldm	DependenceNonUniformity	29.95
original	gldm	GrayLevelNonUniformity	26.23
original	gldm	SmallDependenceEmphasis	0.348330567
original	gldm	SmallDependenceHighGrayLevelEmphasis	78.6497901
original	gldm	DependenceNonUniformityNormalized	0.14975
original	gldm	LargeDependenceEmphasis	23.75
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.073582662
original	gldm	DependenceVariance	8.54

original	gldm	LargeDependenceHighGrayLevelEmphasis	8709.47
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.009227807
original	gldm	LowGrayLevelEmphasis	0.011171933
original	glcm	JointAverage	17.88270243
original	glcm	SumAverage	35.76540487
original	glcm	JointEntropy	5.667364067
original	glcm	ClusterShade	-227.4125644
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original	glcm	ldmn	0.968308475
original	glcm	JointEnergy	0.031895775
original	glcm	Contrast	19.06624702
original	glcm	DifferenceEntropy	2.943188495
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original	glcm	ldn	0.900073668
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original	glcm	ClusterProminence	4193.027988
original	glcm	lmc2	0.807570659
original	glcm	lmc1	-0.171966536
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original	glcm	ld	0.440825428
original	glcm	ClusterTendency	25.7533836
original	firstorder	InterquartileRange	86.25
original	firstorder	Skewness	-1.896410879
original	firstorder	Uniformity	0.13115
original	firstorder	Median	3
original	firstorder	Energy	2228211
original	firstorder	RobustMeanAbsoluteDeviation	41.71703125
original	firstorder	MeanAbsoluteDeviation	72.46615
original	firstorder	TotalEnergy	60161697
original	firstorder	Maximum	89
original	firstorder	RootMeanSquared	105.5511961
original	firstorder	90Percentile	46.2
original	firstorder	Minimum	-429
original	firstorder	Entropy	3.392466343
original	firstorder	Range	518
original	firstorder	Variance	9992.183975
original	firstorder	10Percentile	-166.6
original	firstorder	Kurtosis	6.553512409
original	firstorder	Mean	-33.895
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01199586
original	glrlm	GrayLevelVariance	17.35293646
original	glrlm	LowGrayLevelRunEmphasis	0.01223086
original	glrlm	GrayLevelNonUniformityNormalized	0.11769587
original	glrlm	RunVariance	0.151636589
original	glrlm	GrayLevelNonUniformity	20.92399718
original	glrlm	LongRunEmphasis	1.421362686
original	glrlm	ShortRunHighGrayLevelEmphasis	272.7604442

original	glrlm	RunLengthNonUniformity	143.0910326
original	glrlm	ShortRunEmphasis	0.916219244
original	glrlm	LongRunHighGrayLevelEmphasis	458.0560648
original	glrlm	RunPercentage	0.888461538
original	glrlm	LongRunLowGrayLevelEmphasis	0.013404966
original	glrlm	RunEntropy	3.944958162
original	glrlm	HighGrayLevelRunEmphasis	303.445275
original	glrlm	RunLengthNonUniformityNormalized	0.80424834
original	glszm	GrayLevelVariance	24.19886779
original	glszm	ZoneVariance	46.64134405
original	glszm	GrayLevelNonUniformityNormalized	0.07706355
original	glszm	SizeZoneNonUniformityNormalized	0.6165084
original	glszm	SizeZoneNonUniformity	45.62162162
original	glszm	GrayLevelNonUniformity	5.702702703
original	glszm	LargeAreaEmphasis	53.94594595
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original	glszm	ZonePercentage	0.37
original	glszm	LargeAreaLowGrayLevelEmphasis	0.1693578
original	glszm	LargeAreaHighGrayLevelEmphasis	19868.08108
original	glszm	HighGrayLevelZoneEmphasis	225.1486486
original	glszm	SmallAreaEmphasis	0.809458004
original	glszm	LowGrayLevelZoneEmphasis	0.025249898
original	glszm	ZoneEntropy	4.689135886
original	glszm	SmallAreaLowGrayLevelEmphasis	0.024504409
original	ngtdm	Coarseness	0.025484745
original	ngtdm	Complexity	405.4152631
original	ngtdm	Strength	6.086943126
original	ngtdm	Contrast	0.225073385
original	ngtdm	Busyness	0.089927948
wavelet-HHH	gldm	GrayLevelVariance	6.77
wavelet-HHH	gldm	HighGrayLevelEmphasis	79.02
wavelet-HHH	gldm	DependenceEntropy	5.577757909
wavelet-HHH	gldm	DependenceNonUniformity	32.44
wavelet-HHH	gldm	GrayLevelNonUniformity	23.44
wavelet-HHH	gldm	SmallDependenceEmphasis	0.305553484
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	24.53059196
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.1622
wavelet-HHH	gldm	LargeDependenceEmphasis	17.44
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.27166736
wavelet-HHH	gldm	DependenceVariance	5.6751
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1286.81
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.013417323
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.024395779
wavelet-HHH	glcm	JointAverage	8.490990123
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wavelet-HHH	glcm	ClusterShade	10.97165163
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wavelet-HHH	glcm	DifferenceAverage	2.692518785
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wavelet-HHH	glcm	ClusterTendency	11.83626831
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wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.14817319
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wavelet-HHH	firstorder	Entropy	3.341428467
wavelet-HHH	firstorder	Range	389.6807811
wavelet-HHH	firstorder	Variance	4205.918099
wavelet-HHH	firstorder	10Percentile	-85.47677164
wavelet-HHH	firstorder	Kurtosis	3.432389587
wavelet-HHH	firstorder	Mean	0.048561176
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.024236252
wavelet-HHH	glrlm	GrayLevelVariance	7.220567591
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.025330072
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.1119201
wavelet-HHH	glrlm	RunVariance	0.118021098
wavelet-HHH	glrlm	GrayLevelNonUniformity	20.29656233
wavelet-HHH	glrlm	LongRunEmphasis	1.338219467
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	74.10269172
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wavelet-HHH	glrlm	ShortRunEmphasis	0.929133234
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wavelet-HHH	glszm	LargeAreaEmphasis	43.46875
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.700966964
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	3109.375
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	81.65625
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.037926825
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wavelet-HLL	glcm	JointEnergy	0.00891255
wavelet-HLL	glcm	Contrast	129.2868745
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wavelet-HLL	glcm	ldm	0.207792934
wavelet-HLL	glcm	Correlation	0.131728304
wavelet-HLL	glcm	Autocorrelation	470.5758548
wavelet-HLL	glcm	SumEntropy	4.900560722
wavelet-HLL	glcm	SumSquares	79.59139071
wavelet-HLL	glcm	ClusterProminence	316189.8469
wavelet-HLL	glcm	lmc2	0.984929377
wavelet-HLL	glcm	lmc1	-0.398896513
wavelet-HLL	glcm	DifferenceAverage	6.913913621



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wavelet-HLL	glcm	ClusterTendency	189.0786883
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wavelet-HLL	firstorder	Skewness	1.636192535
wavelet-HLL	firstorder	Uniformity	0.0559
wavelet-HLL	firstorder	Median	-22.73848405
wavelet-HLL	firstorder	Energy	12730548.66
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	79.35608697
wavelet-HLL	firstorder	MeanAbsoluteDeviation	165.943768
wavelet-HLL	firstorder	TotalEnergy	343724813.8
wavelet-HLL	firstorder	Maximum	884.617356
wavelet-HLL	firstorder	RootMeanSquared	252.294953
wavelet-HLL	firstorder	90Percentile	357.8440513
wavelet-HLL	firstorder	Minimum	-509.4554603
wavelet-HLL	firstorder	Entropy	4.655538412
wavelet-HLL	firstorder	Range	1394.072816
wavelet-HLL	firstorder	Variance	63227.92903
wavelet-HLL	firstorder	10Percentile	-196.4098107
wavelet-HLL	firstorder	Kurtosis	6.164506335
wavelet-HLL	firstorder	Mean	20.61102299
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009364398
wavelet-HLL	glrlm	GrayLevelVariance	104.5139088
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009520191
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.053453177
wavelet-HLL	glrlm	RunVariance	0.061792184
wavelet-HLL	glrlm	GrayLevelNonUniformity	10.10010594
wavelet-HLL	glrlm	LongRunEmphasis	1.185383025
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	587.2459162
wavelet-HLL	glrlm	RunLengthNonUniformity	169.328274
wavelet-HLL	glrlm	ShortRunEmphasis	0.957426929
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	697.9513677
wavelet-HLL	glrlm	RunPercentage	0.944615385
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010178415
wavelet-HLL	glrlm	RunEntropy	4.919194006
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	608.0514087
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.894940885
wavelet-HLL	glszm	GrayLevelVariance	137.4522072
wavelet-HLL	glszm	ZoneVariance	5.006051976
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.038625845
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.472054112
wavelet-HLL	glszm	SizeZoneNonUniformity	50.03773585
wavelet-HLL	glszm	GrayLevelNonUniformity	4.094339623
wavelet-HLL	glszm	LargeAreaEmphasis	8.566037736
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	543.1241022
wavelet-HLL	glszm	ZonePercentage	0.53
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.036818942
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4118.424528
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	699.5
wavelet-HLL	glszm	SmallAreaEmphasis	0.712349543
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013689879
wavelet-HLL	glszm	ZoneEntropy	5.776335347
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011947424

wavelet-HLL	ngtdm	Coarseness	0.03222147
wavelet-HLL	ngtdm	Complexity	4989.19279
wavelet-HLL	ngtdm	Strength	31.88609341
wavelet-HLL	ngtdm	Contrast	0.586025568
wavelet-HLL	ngtdm	Busyness	0.031374998
wavelet-LHL	gldm	GrayLevelVariance	54.94
wavelet-LHL	gldm	HighGrayLevelEmphasis	337.18
wavelet-LHL	gldm	DependenceEntropy	6.021900865
wavelet-LHL	gldm	DependenceNonUniformity	52.86
wavelet-LHL	gldm	GrayLevelNonUniformity	11.98
wavelet-LHL	gldm	SmallDependenceEmphasis	0.497136763
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	212.8232391
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.2643
wavelet-LHL	gldm	LargeDependenceEmphasis	7.31
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046519018
wavelet-LHL	gldm	DependenceVariance	2.1116
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1864
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.01424963
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.01686473
wavelet-LHL	glcm	JointAverage	16.25026272
wavelet-LHL	glcm	SumAverage	32.50052545
wavelet-LHL	glcm	JointEntropy	7.153852608
wavelet-LHL	glcm	ClusterShade	1752.272531
wavelet-LHL	glcm	MaximumProbability	0.029557691
wavelet-LHL	glcm	ldmn	0.965403386
wavelet-LHL	glcm	JointEnergy	0.008956148
wavelet-LHL	glcm	Contrast	89.61936736
wavelet-LHL	glcm	DifferenceEntropy	3.877633919
wavelet-LHL	glcm	InverseVariance	0.211458841
wavelet-LHL	glcm	DifferenceVariance	48.62530529
wavelet-LHL	glcm	ldn	0.892530347
wavelet-LHL	glcm	ldm	0.198782427
wavelet-LHL	glcm	Correlation	0.063183877
wavelet-LHL	glcm	Autocorrelation	269.5703611
wavelet-LHL	glcm	SumEntropy	4.807843267
wavelet-LHL	glcm	SumSquares	50.21368314
wavelet-LHL	glcm	ClusterProminence	93810.77387
wavelet-LHL	glcm	lmc2	0.981773659
wavelet-LHL	glcm	lmc1	-0.379090067
wavelet-LHL	glcm	DifferenceAverage	6.194181898
wavelet-LHL	glcm	ld	0.284216375
wavelet-LHL	glcm	ClusterTendency	111.2353652
wavelet-LHL	firstorder	InterquartileRange	153.9986686
wavelet-LHL	firstorder	Skewness	1.352921831
wavelet-LHL	firstorder	Uniformity	0.0599
wavelet-LHL	firstorder	Median	-22.16645646
wavelet-LHL	firstorder	Energy	6882286.082
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	69.58007114
wavelet-LHL	firstorder	MeanAbsoluteDeviation	128.9848372
wavelet-LHL	firstorder	TotalEnergy	185821724.2
wavelet-LHL	firstorder	Maximum	721.8169536
wavelet-LHL	firstorder	RootMeanSquared	185.5031817

wavelet-LHL	firstorder	90Percentile	253.0570289
wavelet-LHL	firstorder	Minimum	-378.1285256
wavelet-LHL	firstorder	Entropy	4.555608242
wavelet-LHL	firstorder	Range	1099.945479
wavelet-LHL	firstorder	Variance	34355.86915
wavelet-LHL	firstorder	10Percentile	-177.3160858
wavelet-LHL	firstorder	Kurtosis	5.727261625
wavelet-LHL	firstorder	Mean	7.453942317
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.017321557
wavelet-LHL	glrlm	GrayLevelVariance	57.22134919
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.017495367
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.057675223
wavelet-LHL	glrlm	RunVariance	0.064989287
wavelet-LHL	glrlm	GrayLevelNonUniformity	10.9716266
wavelet-LHL	glrlm	LongRunEmphasis	1.173691381
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	333.4660358
wavelet-LHL	glrlm	RunLengthNonUniformity	173.6103806
wavelet-LHL	glrlm	ShortRunEmphasis	0.964563456
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	384.1826798
wavelet-LHL	glrlm	RunPercentage	0.950769231
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.018337033
wavelet-LHL	glrlm	RunEntropy	4.798978746
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	342.1093602
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.912013976
wavelet-LHL	glszm	GrayLevelVariance	85.83027742
wavelet-LHL	glszm	ZoneVariance	5.096938776
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038265306
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.559789541
wavelet-LHL	glszm	SizeZoneNonUniformity	62.69642857
wavelet-LHL	glszm	GrayLevelNonUniformity	4.285714286
wavelet-LHL	glszm	LargeAreaEmphasis	8.285714286
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	351.9857334
wavelet-LHL	glszm	ZonePercentage	0.56
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.060596825
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2123.125
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	410.1517857
wavelet-LHL	glszm	SmallAreaEmphasis	0.775331147
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.02614258
wavelet-LHL	glszm	ZoneEntropy	5.698971302
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.024832638
wavelet-LHL	ngtdm	Coarseness	0.033166563
wavelet-LHL	ngtdm	Complexity	3071.375642
wavelet-LHL	ngtdm	Strength	21.25522414
wavelet-LHL	ngtdm	Contrast	0.308047968
wavelet-LHL	ngtdm	Busyness	0.043070179
wavelet-LHH	gldm	GrayLevelVariance	12.9099
wavelet-LHH	gldm	HighGrayLevelEmphasis	168.91
wavelet-LHH	gldm	DependenceEntropy	5.738871176
wavelet-LHH	gldm	DependenceNonUniformity	42.44
wavelet-LHH	gldm	GrayLevelNonUniformity	18.1
wavelet-LHH	gldm	SmallDependenceEmphasis	0.424228891
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	75.37181563

wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.2122
wavelet-LHH	gldm	LargeDependenceEmphasis	12.54
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.097842694
wavelet-LHH	gldm	DependenceVariance	4.5876
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1992.08
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.016128187
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.020283413
wavelet-LHH	glcm	JointAverage	12.47145812
wavelet-LHH	glcm	SumAverage	24.94291624
wavelet-LHH	glcm	JointEntropy	6.553325424
wavelet-LHH	glcm	ClusterShade	-58.68036432
wavelet-LHH	glcm	MaximumProbability	0.041820422
wavelet-LHH	glcm	ldmn	0.952494759
wavelet-LHH	glcm	JointEnergy	0.014540448
wavelet-LHH	glcm	Contrast	22.84729086
wavelet-LHH	glcm	DifferenceEntropy	3.249812775
wavelet-LHH	glcm	InverseVariance	0.278800198
wavelet-LHH	glcm	DifferenceVariance	9.949294217
wavelet-LHH	glcm	ldn	0.863078762
wavelet-LHH	glcm	ldm	0.270031802
wavelet-LHH	glcm	Correlation	-0.005145468
wavelet-LHH	glcm	Autocorrelation	155.5392275
wavelet-LHH	glcm	SumEntropy	4.048756031
wavelet-LHH	glcm	SumSquares	11.41872452
wavelet-LHH	glcm	ClusterProminence	2219.40597
wavelet-LHH	glcm	lmc2	0.895059481
wavelet-LHH	glcm	lmc1	-0.221045444
wavelet-LHH	glcm	DifferenceAverage	3.549515952
wavelet-LHH	glcm	ld	0.355184378
wavelet-LHH	glcm	ClusterTendency	22.82760723
wavelet-LHH	firstorder	InterquartileRange	97.82121273
wavelet-LHH	firstorder	Skewness	-0.505268034
wavelet-LHH	firstorder	Uniformity	0.0905
wavelet-LHH	firstorder	Median	2.413130145
wavelet-LHH	firstorder	Energy	1630786.151
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	42.28359825
wavelet-LHH	firstorder	MeanAbsoluteDeviation	67.13328227
wavelet-LHH	firstorder	TotalEnergy	44031226.07
wavelet-LHH	firstorder	Maximum	199.4960699
wavelet-LHH	firstorder	RootMeanSquared	90.29911823
wavelet-LHH	firstorder	90Percentile	111.9083428
wavelet-LHH	firstorder	Minimum	-294.0401006
wavelet-LHH	firstorder	Entropy	3.777120882
wavelet-LHH	firstorder	Range	493.5361705
wavelet-LHH	firstorder	Variance	8153.626627
wavelet-LHH	firstorder	10Percentile	-109.8940484
wavelet-LHH	firstorder	Kurtosis	3.882044924
wavelet-LHH	firstorder	Mean	-0.551476165
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020940899
wavelet-LHH	glrlm	GrayLevelVariance	13.6151993
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.021296437
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalzied	0.085994396

wavelet-LHH	glrlm	RunVariance	0.087046327
wavelet-LHH	glrlm	GrayLevelNonUniformity	15.99873436
wavelet-LHH	glrlm	LongRunEmphasis	1.24451129
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	161.3677015
wavelet-LHH	glrlm	RunLengthNonUniformity	162.7947671
wavelet-LHH	glrlm	ShortRunEmphasis	0.948613499
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	208.5267087
wavelet-LHH	glrlm	RunPercentage	0.93
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.022977934
wavelet-LHH	glrlm	RunEntropy	4.119839045
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	169.6096101
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.87469455
wavelet-LHH	glszm	GrayLevelVariance	21.57606648
wavelet-LHH	glszm	ZoneVariance	13.67313019
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.068365651
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.528642659
wavelet-LHH	glszm	SizeZoneNonUniformity	50.22105263
wavelet-LHH	glszm	GrayLevelNonUniformity	6.494736842
wavelet-LHH	glszm	LargeAreaEmphasis	18.10526316
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	136.1731462
wavelet-LHH	glszm	ZonePercentage	0.475
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.149859387
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2849.368421
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	178.2210526
wavelet-LHH	glszm	SmallAreaEmphasis	0.754347443
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.034782192
wavelet-LHH	glszm	ZoneEntropy	4.961329293
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.032897764
wavelet-LHH	ngtdm	Coarseness	0.033185176
wavelet-LHH	ngtdm	Complexity	415.9844165
wavelet-LHH	ngtdm	Strength	3.635951448
wavelet-LHH	ngtdm	Contrast	0.187323498
wavelet-LHH	ngtdm	Busyness	0.114717288
wavelet-LLH	gldm	GrayLevelVariance	31.966775
wavelet-LLH	gldm	HighGrayLevelEmphasis	316.395
wavelet-LLH	gldm	DependenceEntropy	6.030448395
wavelet-LLH	gldm	DependenceNonUniformity	46.21
wavelet-LLH	gldm	GrayLevelNonUniformity	12.39
wavelet-LLH	gldm	SmallDependenceEmphasis	0.439843545
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	147.033952
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.23105
wavelet-LLH	gldm	LargeDependenceEmphasis	9.55
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.045935654
wavelet-LLH	gldm	DependenceVariance	2.9964
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2689.315
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007499823
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.010100023
wavelet-LLH	glcm	JointAverage	16.56324555
wavelet-LLH	glcm	SumAverage	33.1264911
wavelet-LLH	glcm	JointEntropy	7.02621135
wavelet-LLH	glcm	ClusterShade	331.2443477
wavelet-LLH	glcm	MaximumProbability	0.025290926

wavelet-LLH	glcm	Idmn	0.967423335
wavelet-LLH	glcm	JointEnergy	0.009484062
wavelet-LLH	glcm	Contrast	50.3216874
wavelet-LLH	glcm	DifferenceEntropy	3.64748262
wavelet-LLH	glcm	InverseVariance	0.226153115
wavelet-LLH	glcm	DifferenceVariance	24.41763177
wavelet-LLH	glcm	Idn	0.890635597
wavelet-LLH	glcm	Idm	0.225100083
wavelet-LLH	glcm	Correlation	0.056482034
wavelet-LLH	glcm	Autocorrelation	276.3288615
wavelet-LLH	glcm	SumEntropy	4.561301213
wavelet-LLH	glcm	SumSquares	27.12748545
wavelet-LLH	glcm	ClusterProminence	19003.00314
wavelet-LLH	glcm	Imc2	0.960901124
wavelet-LLH	glcm	Imc1	-0.310697763
wavelet-LLH	glcm	DifferenceAverage	4.944202603
wavelet-LLH	glcm	Id	0.311788747
wavelet-LLH	glcm	ClusterTendency	58.18825439
wavelet-LLH	firstorder	InterquartileRange	140.3770552
wavelet-LLH	firstorder	Skewness	0.589103645
wavelet-LLH	firstorder	Uniformity	0.06195
wavelet-LLH	firstorder	Median	-19.84126041
wavelet-LLH	firstorder	Energy	3942696.722
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	64.36174131
wavelet-LLH	firstorder	MeanAbsoluteDeviation	103.3631721
wavelet-LLH	firstorder	TotalEnergy	106452811.5
wavelet-LLH	firstorder	Maximum	452.6604914
wavelet-LLH	firstorder	RootMeanSquared	140.4047136
wavelet-LLH	firstorder	90Percentile	169.3898188
wavelet-LLH	firstorder	Minimum	-404.9329521
wavelet-LLH	firstorder	Entropy	4.328981278
wavelet-LLH	firstorder	Range	857.5934435
wavelet-LLH	firstorder	Variance	19513.95063
wavelet-LLH	firstorder	10Percentile	-179.0095315
wavelet-LLH	firstorder	Kurtosis	4.152284904
wavelet-LLH	firstorder	Mean	-14.12561435
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.010273424
wavelet-LLH	glrlm	GrayLevelVariance	33.16654359
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.010470717
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.059796576
wavelet-LLH	glrlm	RunVariance	0.071272791
wavelet-LLH	glrlm	GrayLevelNonUniformity	11.24324229
wavelet-LLH	glrlm	LongRunEmphasis	1.204718439
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	305.5456085
wavelet-LLH	glrlm	RunLengthNonUniformity	167.3481072
wavelet-LLH	glrlm	ShortRunEmphasis	0.955056887
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	376.7651687
wavelet-LLH	glrlm	RunPercentage	0.94
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.011351541
wavelet-LLH	glrlm	RunEntropy	4.611987696
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	318.3895515
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.889314267

wavelet-LLH	glszm	GrayLevelVariance	46.5699
wavelet-LLH	glszm	ZoneVariance	7.54
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.0452
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.5184
wavelet-LLH	glszm	SizeZoneNonUniformity	51.84
wavelet-LLH	glszm	GrayLevelNonUniformity	4.52
wavelet-LLH	glszm	LargeAreaEmphasis	11.54
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	250.866711
wavelet-LLH	glszm	ZonePercentage	0.5
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.057098975
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3370.31
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	335.23
wavelet-LLH	glszm	SmallAreaEmphasis	0.744917788
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015768495
wavelet-LLH	glszm	ZoneEntropy	5.42107688
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.014363391
wavelet-LLH	ngtdm	Coarseness	0.035441343
wavelet-LLH	ngtdm	Complexity	1146.235074
wavelet-LLH	ngtdm	Strength	8.451494728
wavelet-LLH	ngtdm	Contrast	0.323257509
wavelet-LLH	ngtdm	Busyness	0.067938733
wavelet-LLL	gldm	GrayLevelVariance	120.2836
wavelet-LLL	gldm	HighGrayLevelEmphasis	1247.9
wavelet-LLL	gldm	DependenceEntropy	6.158741193
wavelet-LLL	gldm	DependenceNonUniformity	68.98
wavelet-LLL	gldm	GrayLevelNonUniformity	7.12
wavelet-LLL	gldm	SmallDependenceEmphasis	0.597773136
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	630.1203803
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.3449
wavelet-LLL	gldm	LargeDependenceEmphasis	5.9
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.011249273
wavelet-LLL	gldm	DependenceVariance	1.9796
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	10110.11
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	7.77E-03
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.008119181
wavelet-LLL	glcm	JointAverage	36.41480414
wavelet-LLL	glcm	SumAverage	72.82960827
wavelet-LLL	glcm	JointEntropy	7.513982304
wavelet-LLL	glcm	ClusterShade	-4919.624176
wavelet-LLL	glcm	MaximumProbability	0.02085529
wavelet-LLL	glcm	Idmn	0.958271284
wavelet-LLL	glcm	JointEnergy	0.006408497
wavelet-LLL	glcm	Contrast	114.972819
wavelet-LLL	glcm	DifferenceEntropy	4.205443443
wavelet-LLL	glcm	InverseVariance	0.164273357
wavelet-LLL	glcm	DifferenceVariance	53.15623112
wavelet-LLL	glcm	Idn	0.873404081
wavelet-LLL	glcm	Idm	0.157185236
wavelet-LLL	glcm	Correlation	0.393025919
wavelet-LLL	glcm	Autocorrelation	1365.327534
wavelet-LLL	glcm	SumEntropy	5.299279848
wavelet-LLL	glcm	SumSquares	96.33380525

wavelet-LLL	glcm	ClusterProminence	278187.2621
wavelet-LLL	glcm	Imc2	0.991484747
wavelet-LLL	glcm	Imc1	-0.429095878
wavelet-LLL	glcm	DifferenceAverage	7.790150041
wavelet-LLL	glcm	Id	0.239740894
wavelet-LLL	glcm	ClusterTendency	270.362402
wavelet-LLL	firstorder	InterquartileRange	390.0764918
wavelet-LLL	firstorder	Skewness	-0.918387801
wavelet-LLL	firstorder	Uniformity	0.0356
wavelet-LLL	firstorder	Median	-119.9418178
wavelet-LLL	firstorder	Energy	21052787.82
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	161.3566946
wavelet-LLL	firstorder	MeanAbsoluteDeviation	221.3441828
wavelet-LLL	firstorder	TotalEnergy	568425271.1
wavelet-LLL	firstorder	Maximum	182.5843345
wavelet-LLL	firstorder	RootMeanSquared	324.4440462
wavelet-LLL	firstorder	90Percentile	112.0055651
wavelet-LLL	firstorder	Minimum	-986.0711411
wavelet-LLL	firstorder	Entropy	5.043574326
wavelet-LLL	firstorder	Range	1168.655476
wavelet-LLL	firstorder	Variance	75088.57084
wavelet-LLL	firstorder	10Percentile	-589.4117215
wavelet-LLL	firstorder	Kurtosis	3.181399187
wavelet-LLL	firstorder	Mean	-173.7105876
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008390039
wavelet-LLL	glrlm	GrayLevelVariance	120.9679874
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.008410464
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.034637578
wavelet-LLL	glrlm	RunVariance	0.04166632
wavelet-LLL	glrlm	GrayLevelNonUniformity	6.667158925
wavelet-LLL	glrlm	LongRunEmphasis	1.12209817
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1181.349735
wavelet-LLL	glrlm	RunLengthNonUniformity	178.7140054
wavelet-LLL	glrlm	ShortRunEmphasis	0.971727176
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1439.232021
wavelet-LLL	glrlm	RunPercentage	0.962307692
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008497397
wavelet-LLL	glrlm	RunEntropy	5.209269091
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1229.614203
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.928287137
wavelet-LLL	glszm	GrayLevelVariance	127.538605
wavelet-LLL	glszm	ZoneVariance	2.661499913
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.030476079
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.648039159
wavelet-LLL	glszm	SizeZoneNonUniformity	84.89312977
wavelet-LLL	glszm	GrayLevelNonUniformity	3.992366412
wavelet-LLL	glszm	LargeAreaEmphasis	4.992366412
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	846.7716094
wavelet-LLL	glszm	ZonePercentage	0.655
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.014549008
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	8130.931298
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1063.618321



wavelet-LLL	glszm	SmallAreaEmphasis	0.830266055
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.01197289
wavelet-LLL	glszm	ZoneEntropy	5.768044235
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011783204
wavelet-LLL	ngtdm	Coarseness	0.030620793
wavelet-LLL	ngtdm	Complexity	4186.668253
wavelet-LLL	ngtdm	Strength	24.87822864
wavelet-LLL	ngtdm	Contrast	0.808508843
wavelet-LLL	ngtdm	Busyness	0.022184026
wavelet-HHL	gldm	GrayLevelVariance	12.53
wavelet-HHL	gldm	HighGrayLevelEmphasis	122.78
wavelet-HHL	gldm	DependenceEntropy	5.73232013
wavelet-HHL	gldm	DependenceNonUniformity	43.97
wavelet-HHL	gldm	GrayLevelNonUniformity	17.81
wavelet-HHL	gldm	SmallDependenceEmphasis	0.342665868
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	46.90463908
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.21985
wavelet-HHL	gldm	LargeDependenceEmphasis	12.51
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.177675532
wavelet-HHL	gldm	DependenceVariance	4.1
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1322.91
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009428984
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.0241354
wavelet-HHL	glcm	JointAverage	10.5375624
wavelet-HHL	glcm	SumAverage	21.0751248
wavelet-HHL	glcm	JointEntropy	6.606170456
wavelet-HHL	glcm	ClusterShade	3.478528791
wavelet-HHL	glcm	MaximumProbability	0.04311096
wavelet-HHL	glcm	ldmn	0.95303887
wavelet-HHL	glcm	JointEnergy	0.013925538
wavelet-HHL	glcm	Contrast	24.51572818
wavelet-HHL	glcm	DifferenceEntropy	3.310039247
wavelet-HHL	glcm	InverseVariance	0.264952718
wavelet-HHL	glcm	DifferenceVariance	10.24926721
wavelet-HHL	glcm	ldn	0.862826766
wavelet-HHL	glcm	ldm	0.265748628
wavelet-HHL	glcm	Correlation	-0.042025483
wavelet-HHL	glcm	Autocorrelation	110.5896127
wavelet-HHL	glcm	SumEntropy	4.075823701
wavelet-HHL	glcm	SumSquares	11.79599634
wavelet-HHL	glcm	ClusterProminence	2027.852195
wavelet-HHL	glcm	lmc2	0.907078821
wavelet-HHL	glcm	lmc1	-0.233269298
wavelet-HHL	glcm	DifferenceAverage	3.720173336
wavelet-HHL	glcm	ld	0.350173306
wavelet-HHL	glcm	ClusterTendency	22.66825719
wavelet-HHL	firstorder	InterquartileRange	100.3665326
wavelet-HHL	firstorder	Skewness	0.071882067
wavelet-HHL	firstorder	Uniformity	0.08905
wavelet-HHL	firstorder	Median	-3.883139685
wavelet-HHL	firstorder	Energy	1551160.451
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	44.57627128

wavelet-HHL	firstorder	MeanAbsoluteDeviation	67.31930748
wavelet-HHL	firstorder	TotalEnergy	41881332.18
wavelet-HHL	firstorder	Maximum	255.427621
wavelet-HHL	firstorder	RootMeanSquared	88.06703274
wavelet-HHL	firstorder	90Percentile	113.9010785
wavelet-HHL	firstorder	Minimum	-242.1735724
wavelet-HHL	firstorder	Entropy	3.791570658
wavelet-HHL	firstorder	Range	497.6011934
wavelet-HHL	firstorder	Variance	7755.770957
wavelet-HHL	firstorder	10Percentile	-111.0444113
wavelet-HHL	firstorder	Kurtosis	3.210286356
wavelet-HHL	firstorder	Mean	0.176915801
wavelet-HHL	gllm	ShortRunLowGrayLevelEmphasis	0.023885877
wavelet-HHL	gllm	GrayLevelVariance	13.14428263
wavelet-HHL	gllm	LowGrayLevelRunEmphasis	0.024772497
wavelet-HHL	gllm	GrayLevelNonUniformityNormalized	0.085039382
wavelet-HHL	gllm	RunVariance	0.09280953
wavelet-HHL	gllm	GrayLevelNonUniformity	15.76689258
wavelet-HHL	gllm	LongRunEmphasis	1.258476542
wavelet-HHL	gllm	ShortRunHighGrayLevelEmphasis	118.1237514
wavelet-HHL	gllm	RunLengthNonUniformity	161.1562949
wavelet-HHL	gllm	ShortRunEmphasis	0.946001607
wavelet-HHL	gllm	LongRunHighGrayLevelEmphasis	151.5170978
wavelet-HHL	gllm	RunPercentage	0.926923077
wavelet-HHL	gllm	LongRunLowGrayLevelEmphasis	0.028881488
wavelet-HHL	gllm	RunEntropy	4.14539356
wavelet-HHL	gllm	HighGrayLevelRunEmphasis	123.9915394
wavelet-HHL	gllm	RunLengthNonUniformityNormalized	0.868625877
wavelet-HHL	glszm	GrayLevelVariance	20.57279721
wavelet-HHL	glszm	ZoneVariance	13.27797939
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.065466686
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.372623022
wavelet-HHL	glszm	SizeZoneNonUniformity	30.92771084
wavelet-HHL	glszm	GrayLevelNonUniformity	5.43373494
wavelet-HHL	glszm	LargeAreaEmphasis	19.08433735
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	88.4636345
wavelet-HHL	glszm	ZonePercentage	0.415
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.258802849
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2007.759036
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	138.6746988
wavelet-HHL	glszm	SmallAreaEmphasis	0.62052512
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.030372867
wavelet-HHL	glszm	ZoneEntropy	5.330111046
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.017405575
wavelet-HHL	ngtdm	Coarseness	0.030827684
wavelet-HHL	ngtdm	Complexity	474.7570832
wavelet-HHL	ngtdm	Strength	3.590615205
wavelet-HHL	ngtdm	Contrast	0.172551693
wavelet-HHL	ngtdm	Busyness	0.143329693
wavelet-HHL	gldm	GrayLevelVariance	10.209775
wavelet-HHL	gldm	HighGrayLevelEmphasis	148.625
wavelet-HHL	gldm	DependenceEntropy	5.628385569

wavelet-HLH	gldm	DependenceNonUniformity	34.44
wavelet-HLH	gldm	GrayLevelNonUniformity	21.29
wavelet-HLH	gldm	SmallDependenceEmphasis	0.358505254
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	55.68258679
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.1722
wavelet-HLH	gldm	LargeDependenceEmphasis	15.15
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.1223806
wavelet-HLH	gldm	DependenceVariance	4.8459
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2128.395
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01053419
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.015609846
wavelet-HLH	glcm	JointAverage	11.73768536
wavelet-HLH	glcm	SumAverage	23.47537071
wavelet-HLH	glcm	JointEntropy	6.164786886
wavelet-HLH	glcm	ClusterShade	10.05628112
wavelet-HLH	glcm	MaximumProbability	0.046724975
wavelet-HLH	glcm	Idmn	0.969601948
wavelet-HLH	glcm	JointEnergy	0.018923855
wavelet-HLH	glcm	Contrast	17.05114098
wavelet-HLH	glcm	DifferenceEntropy	3.033845675
wavelet-HLH	glcm	InverseVariance	0.311809238
wavelet-HLH	glcm	DifferenceVariance	7.895203148
wavelet-HLH	glcm	Idn	0.89050036
wavelet-HLH	glcm	Idm	0.3096184
wavelet-HLH	glcm	Correlation	0.029068124
wavelet-HLH	glcm	Autocorrelation	138.0411716
wavelet-HLH	glcm	SumEntropy	3.878441612
wavelet-HLH	glcm	SumSquares	8.771640003
wavelet-HLH	glcm	ClusterProminence	1561.350737
wavelet-HLH	glcm	Imc2	0.874354396
wavelet-HLH	glcm	Imc1	-0.211836812
wavelet-HLH	glcm	DifferenceAverage	2.983170672
wavelet-HLH	glcm	Id	0.391134655
wavelet-HLH	glcm	ClusterTendency	18.03541903
wavelet-HLH	firstorder	InterquartileRange	89.10614184
wavelet-HLH	firstorder	Skewness	-0.004206062
wavelet-HLH	firstorder	Uniformity	0.10645
wavelet-HLH	firstorder	Median	8.785036566
wavelet-HLH	firstorder	Energy	1301832.418
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	36.44192956
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.01358901
wavelet-HLH	firstorder	TotalEnergy	35149475.28
wavelet-HLH	firstorder	Maximum	266.7364305
wavelet-HLH	firstorder	RootMeanSquared	80.67937834
wavelet-HLH	firstorder	90Percentile	99.40393676
wavelet-HLH	firstorder	Minimum	-271.1720027
wavelet-HLH	firstorder	Entropy	3.570271643
wavelet-HLH	firstorder	Range	537.9084331
wavelet-HLH	firstorder	Variance	6457.526045
wavelet-HLH	firstorder	10Percentile	-79.32075969
wavelet-HLH	firstorder	Kurtosis	4.446057689
wavelet-HLH	firstorder	Mean	7.185822435

wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.015871692
wavelet-HLH	gllm	GrayLevelVariance	10.93461286
wavelet-HLH	gllm	LowGrayLevelRunEmphasis	0.01636093
wavelet-HLH	gllm	GrayLevelNonUniformityNormalized	0.101465935
wavelet-HLH	gllm	RunVariance	0.104769789
wavelet-HLH	gllm	GrayLevelNonUniformity	18.5741843
wavelet-HLH	gllm	LongRunEmphasis	1.302383409
wavelet-HLH	gllm	ShortRunHighGrayLevelEmphasis	140.1109872
wavelet-HLH	gllm	RunLengthNonUniformity	155.1053336
wavelet-HLH	gllm	ShortRunEmphasis	0.93596781
wavelet-HLH	gllm	LongRunHighGrayLevelEmphasis	192.2971404
wavelet-HLH	gllm	RunPercentage	0.915
wavelet-HLH	gllm	LongRunLowGrayLevelEmphasis	0.01865432
wavelet-HLH	gllm	RunEntropy	3.986652296
wavelet-HLH	gllm	HighGrayLevelRunEmphasis	149.2140035
wavelet-HLH	gllm	RunLengthNonUniformityNormalized	0.846466954
wavelet-HLH	glszm	GrayLevelVariance	21.10676337
wavelet-HLH	glszm	ZoneVariance	29.35739585
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.082475966
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.550008433
wavelet-HLH	glszm	SizeZoneNonUniformity	42.35064935
wavelet-HLH	glszm	GrayLevelNonUniformity	6.350649351
wavelet-HLH	glszm	LargeAreaEmphasis	36.1038961
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	120.2544002
wavelet-HLH	glszm	ZonePercentage	0.385
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.282032554
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	5204.168831
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	153.8051948
wavelet-HLH	glszm	SmallAreaEmphasis	0.767488571
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.028251767
wavelet-HLH	glszm	ZoneEntropy	4.742145678
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.026019714
wavelet-HLH	ngtdm	Coarseness	0.032695677
wavelet-HLH	ngtdm	Complexity	417.2767035
wavelet-HLH	ngtdm	Strength	4.518966042
wavelet-HLH	ngtdm	Contrast	0.114925518
wavelet-HLH	ngtdm	Busyness	0.104336097

Image type	Feature Class	Feature Name	2: RTSTRUCT: C99-Dnu-B_segment_ITV
general	info	BoundingBox	(1, 0, 3, 15, 13, 14)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageHash	2ee5c
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	a7426d3f791e249534fae605229875e87312
general	info	NumpyVersion	c255
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	688
original	shape	Maximum2DDiameterSlice	50.28916384
original	shape	Sphericity	44.59820624
original	shape	MinorAxis	0.699592721
original	shape	Elongation	34.04193959
original	shape	SurfaceVolumeRatio	0.86312351
original	shape	Volume	0.261008574
original	shape	MajorAxis	18576
original	shape	SurfaceArea	39.44040362
original	shape	Flatness	4848.495279
original	shape	LeastAxis	0.681583351
original	shape	Maximum2DDiameterColumn	26.88192246
original	shape	Maximum2DDiameterRow	40.80441153
original	gldm	GrayLevelVariance	45.79301257
original	gldm	HighGrayLevelEmphasis	165.1370483
original	gldm	DependenceEntropy	1242.178779
original	gldm	DependenceNonUniformity	6.659780213
original	gldm	GrayLevelNonUniformity	149.2877907
original	gldm	SmallDependenceEmphasis	56.60755814
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.474978518
original	gldm	DependenceNonUniformityNormalized	389.7137091
original	gldm	LargeDependenceEmphasis	0.216988068
original	gldm	LargeDependenceLowGrayLevelEmphasis	32.48546512
original	gldm	DependenceVariance	0.038954679
original	gldm	LargeDependenceHighGrayLevelEmphasis	16.57835316
original	gldm		58501.29506

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.007197101
original	gldm	LowGrayLevelEmphasis	0.010194441
original	glcm	JointAverage	34.72490243
original	glcm	SumAverage	69.44980487
original	glcm	JointEntropy	7.504284724
original	glcm	ClusterShade	-7771.291707
original	glcm	MaximumProbability	0.094534925
original	glcm	ldmn	0.929981757
original	glcm	JointEnergy	0.020507693
original	glcm	Contrast	200.5254135
original	glcm	DifferenceEntropy	4.381129951
original	glcm	InverseVariance	0.244485317
original	glcm	DifferenceVariance	115.0786914
original	glcm	ldn	0.861089505
original	glcm	ldm	0.286987469
original	glcm	Correlation	0.307836365
original	glcm	Autocorrelation	1250.609985
original	glcm	SumEntropy	5.303332192
original	glcm	SumSquares	144.8670955
original	glcm	ClusterProminence	450671.8274
original	glcm	lmc2	0.939383121
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original	glcm	DifferenceAverage	9.174433722
original	glcm	ld	0.338842814
original	glcm	ClusterTendency	378.9429686
original	firstorder	InterquartileRange	479.75
original	firstorder	Skewness	-0.970513925
original	firstorder	Uniformity	0.082278428
original	firstorder	Median	-31.5
original	firstorder	Energy	103590872
original	firstorder	RobustMeanAbsoluteDeviation	212.6137295
original	firstorder	MeanAbsoluteDeviation	275.2077643
original	firstorder	TotalEnergy	2796953544
original	firstorder	Maximum	104
original	firstorder	RootMeanSquared	388.0310914
original	firstorder	90Percentile	49
original	firstorder	Minimum	-1020
original	firstorder	Entropy	4.586612813
original	firstorder	Range	1124
original	firstorder	Variance	103239.1135
original	firstorder	10Percentile	-762.6
original	firstorder	Kurtosis	2.493420593
original	firstorder	Mean	-217.5523256
original	glrlm	ShortRunLowGrayLevelEmphasis	0.01111478
original	glrlm	GrayLevelVariance	171.349303
original	glrlm	LowGrayLevelRunEmphasis	0.011283356
original	glrlm	GrayLevelNonUniformityNormalized	0.061551526
original	glrlm	RunVariance	0.19766371
original	glrlm	GrayLevelNonUniformity	37.51311884
original	glrlm	LongRunEmphasis	1.475904704
original	glrlm	ShortRunHighGrayLevelEmphasis	1036.756742
original	glrlm	RunLengthNonUniformity	499.8483276

original	glrlm	ShortRunEmphasis	0.923008297
original	glrlm	LongRunHighGrayLevelEmphasis	2022.963071
original	glrlm	RunPercentage	0.885062612
original	glrlm	LongRunLowGrayLevelEmphasis	0.012049574
original	glrlm	RunEntropy	5.225062914
original	glrlm	HighGrayLevelRunEmphasis	1172.440629
original	glrlm	RunLengthNonUniformityNormalized	0.82045303
original	glszm	GrayLevelVariance	159.3437981
original	glszm	ZoneVariance	84.6255942
original	glszm	GrayLevelNonUniformityNormalized	0.025700215
original	glszm	SizeZoneNonUniformityNormalized	0.730275982
original	glszm	SizeZoneNonUniformity	249.754386
original	glszm	GrayLevelNonUniformity	8.789473684
original	glszm	LargeAreaEmphasis	88.67251462
original	glszm	SmallAreaHighGrayLevelEmphasis	675.5192492
original	glszm	ZonePercentage	0.497093023
original	glszm	LargeAreaLowGrayLevelEmphasis	0.075384201
original	glszm	LargeAreaHighGrayLevelEmphasis	161398.6871
original	glszm	HighGrayLevelZoneEmphasis	802.9005848
original	glszm	SmallAreaEmphasis	0.877021337
original	glszm	LowGrayLevelZoneEmphasis	0.01627145
original	glszm	ZoneEntropy	5.975339245
original	glszm	SmallAreaLowGrayLevelEmphasis	0.01354055
original	ngtdm	Coarseness	0.003654249
original	ngtdm	Complexity	7188.973889
original	ngtdm	Strength	7.552206742
original	ngtdm	Contrast	1.20974721
original	ngtdm	Busyness	0.128455928
wavelet-HHH	gldm	GrayLevelVariance	22.95641014
wavelet-HHH	gldm	HighGrayLevelEmphasis	441.0043605
wavelet-HHH	gldm	DependenceEntropy	6.206621174
wavelet-HHH	gldm	DependenceNonUniformity	158.3953488
wavelet-HHH	gldm	GrayLevelNonUniformity	48.86627907
wavelet-HHH	gldm	SmallDependenceEmphasis	0.444377109
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	202.8364574
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.230225798
wavelet-HHH	gldm	LargeDependenceEmphasis	10.76453488
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.028096705
wavelet-HHH	gldm	DependenceVariance	3.858639805
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	4622.443314
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003032203
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.004455463
wavelet-HHH	glcm	JointAverage	20.43436251
wavelet-HHH	glcm	SumAverage	40.86872501
wavelet-HHH	glcm	JointEntropy	7.689528828
wavelet-HHH	glcm	ClusterShade	15.61238113
wavelet-HHH	glcm	MaximumProbability	0.029039705
wavelet-HHH	glcm	ldmn	0.979948562
wavelet-HHH	glcm	JointEnergy	0.007582828
wavelet-HHH	glcm	Contrast	42.85325181
wavelet-HHH	glcm	DifferenceEntropy	3.7237518
wavelet-HHH	glcm	InverseVariance	0.228305738

wavelet-HHH	glcm	DifferenceVariance	20.02372575
wavelet-HHH	glcm	Idn	0.909298199
wavelet-HHH	glcm	Idm	0.220129192
wavelet-HHH	glcm	Correlation	-0.03728522
wavelet-HHH	glcm	Autocorrelation	416.7494577
wavelet-HHH	glcm	SumEntropy	4.557036536
wavelet-HHH	glcm	SumSquares	20.61039079
wavelet-HHH	glcm	ClusterProminence	7901.94063
wavelet-HHH	glcm	Imc2	0.80486553
wavelet-HHH	glcm	Imc1	-0.127396849
wavelet-HHH	glcm	DifferenceAverage	4.752324129
wavelet-HHH	glcm	Id	0.307606032
wavelet-HHH	glcm	ClusterTendency	39.58831133
wavelet-HHH	firstorder	InterquartileRange	120.698204
wavelet-HHH	firstorder	Skewness	0.17317451
wavelet-HHH	firstorder	Uniformity	0.071026568
wavelet-HHH	firstorder	Median	0.618667368
wavelet-HHH	firstorder	Energy	9756527.574
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	52.87116595
wavelet-HHH	firstorder	MeanAbsoluteDeviation	86.08480275
wavelet-HHH	firstorder	TotalEnergy	263426244.5
wavelet-HHH	firstorder	Maximum	577.1334812
wavelet-HHH	firstorder	RootMeanSquared	119.0840014
wavelet-HHH	firstorder	90Percentile	135.6444107
wavelet-HHH	firstorder	Minimum	-479.9298527
wavelet-HHH	firstorder	Entropy	4.202792289
wavelet-HHH	firstorder	Range	1057.063334
wavelet-HHH	firstorder	Variance	14178.02556
wavelet-HHH	firstorder	10Percentile	-143.2588623
wavelet-HHH	firstorder	Kurtosis	5.13456101
wavelet-HHH	firstorder	Mean	-1.724478444
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004474134
wavelet-HHH	glrlm	GrayLevelVariance	24.13191255
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00458818
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.067485936
wavelet-HHH	glrlm	RunVariance	0.07762119
wavelet-HHH	glrlm	GrayLevelNonUniformity	43.5252346
wavelet-HHH	glrlm	LongRunEmphasis	1.215984117
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	422.1968698
wavelet-HHH	glrlm	RunLengthNonUniformity	571.8668491
wavelet-HHH	glrlm	ShortRunEmphasis	0.954071954
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	534.3730076
wavelet-HHH	glrlm	RunPercentage	0.937388193
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.005120056
wavelet-HHH	glrlm	RunEntropy	4.556268949
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	441.8574547
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.886576736
wavelet-HHH	glszm	GrayLevelVariance	39.65781619
wavelet-HHH	glszm	ZoneVariance	29.96966074
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.047562545
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.557817106
wavelet-HHH	glszm	SizeZoneNonUniformity	184.6374622



wavelet-HHH	glszm	GrayLevelNonUniformity	15.74320242
wavelet-HHH	glszm	LargeAreaEmphasis	34.29003021
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	357.4156062
wavelet-HHH	glszm	ZonePercentage	0.481104651
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.085433886
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	14711.08459
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	453.5528701
wavelet-HHH	glszm	SmallAreaEmphasis	0.774398695
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.006543449
wavelet-HHH	glszm	ZoneEntropy	5.739886651
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005911951
wavelet-HHH	ngtdm	Coarseness	0.01019009
wavelet-HHH	ngtdm	Complexity	1935.894621
wavelet-HHH	ngtdm	Strength	4.037421682
wavelet-HHH	ngtdm	Contrast	0.133954926
wavelet-HHH	ngtdm	Busyness	0.106301542
wavelet-HLL	gldm	GrayLevelVariance	89.60829967
wavelet-HLL	gldm	HighGrayLevelEmphasis	1165.696221
wavelet-HLL	gldm	DependenceEntropy	6.732762642
wavelet-HLL	gldm	DependenceNonUniformity	218.7296512
wavelet-HLL	gldm	GrayLevelNonUniformity	23.59593023
wavelet-HLL	gldm	SmallDependenceEmphasis	0.547529657
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	636.1253224
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.317921005
wavelet-HLL	gldm	LargeDependenceEmphasis	7.212209302
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008964148
wavelet-HLL	gldm	DependenceVariance	2.770407991
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8553.75436
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00238463
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002931125
wavelet-HLL	glcm	JointAverage	32.40308435
wavelet-HLL	glcm	SumAverage	64.8061687
wavelet-HLL	glcm	JointEntropy	8.881690168
wavelet-HLL	glcm	ClusterShade	-547.2447622
wavelet-HLL	glcm	MaximumProbability	0.018090279
wavelet-HLL	glcm	ldmn	0.966567558
wavelet-HLL	glcm	JointEnergy	0.00301932
wavelet-HLL	glcm	Contrast	127.2423908
wavelet-HLL	glcm	DifferenceEntropy	4.40371927
wavelet-HLL	glcm	InverseVariance	0.158746337
wavelet-HLL	glcm	DifferenceVariance	59.70860485
wavelet-HLL	glcm	ldn	0.887266365
wavelet-HLL	glcm	ldm	0.152924515
wavelet-HLL	glcm	Correlation	0.209246749
wavelet-HLL	glcm	Autocorrelation	1068.102779
wavelet-HLL	glcm	SumEntropy	5.664199266
wavelet-HLL	glcm	SumSquares	81.71884363
wavelet-HLL	glcm	ClusterProminence	144837.5155
wavelet-HLL	glcm	lmc2	0.963056252
wavelet-HLL	glcm	lmc1	-0.258509453
wavelet-HLL	glcm	DifferenceAverage	8.056440105
wavelet-HLL	glcm	ld	0.23564152

wavelet-HLL	glcm	ClusterTendency	199.6329837
wavelet-HLL	firstorder	InterquartileRange	285.6655496
wavelet-HLL	firstorder	Skewness	-0.262819608
wavelet-HLL	firstorder	Uniformity	0.03429641
wavelet-HLL	firstorder	Median	-26.18652819
wavelet-HLL	firstorder	Energy	39766737.69
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	121.0781227
wavelet-HLL	firstorder	MeanAbsoluteDeviation	182.5793777
wavelet-HLL	firstorder	TotalEnergy	1073701918
wavelet-HLL	firstorder	Maximum	553.5307785
wavelet-HLL	firstorder	RootMeanSquared	240.4173264
wavelet-HLL	firstorder	90Percentile	256.6845998
wavelet-HLL	firstorder	Minimum	-832.3926514
wavelet-HLL	firstorder	Entropy	5.178235877
wavelet-HLL	firstorder	Range	1385.92343
wavelet-HLL	firstorder	Variance	55972.22999
wavelet-HLL	firstorder	10Percentile	-343.4260794
wavelet-HLL	firstorder	Kurtosis	3.170600452
wavelet-HLL	firstorder	Mean	-42.75816688
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002980621
wavelet-HLL	glrlm	GrayLevelVariance	91.81876061
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.00301445
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.033104346
wavelet-HLL	glrlm	RunVariance	0.050261299
wavelet-HLL	glrlm	GrayLevelNonUniformity	21.80779499
wavelet-HLL	glrlm	LongRunEmphasis	1.141828634
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1128.330653
wavelet-HLL	glrlm	RunLengthNonUniformity	607.0461423
wavelet-HLL	glrlm	ShortRunEmphasis	0.968739102
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1332.393648
wavelet-HLL	glrlm	RunPercentage	0.95740161
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.003163984
wavelet-HLL	glrlm	RunEntropy	5.402778578
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1165.130519
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.921297229
wavelet-HLL	glszm	GrayLevelVariance	113.0811006
wavelet-HLL	glszm	ZoneVariance	6.186103143
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.027538132
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.565861712
wavelet-HLL	glszm	SizeZoneNonUniformity	241.6229508
wavelet-HLL	glszm	GrayLevelNonUniformity	11.7587822
wavelet-HLL	glszm	LargeAreaEmphasis	8.782201405
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	906.5602853
wavelet-HLL	glszm	ZonePercentage	0.620639535
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.011239526
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	10355.0281
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1163.782201
wavelet-HLL	glszm	SmallAreaEmphasis	0.780544391
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004018995
wavelet-HLL	glszm	ZoneEntropy	6.338160304
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003713428
wavelet-HLL	ngtdm	Coarseness	0.010844496

wavelet-HLL	ngtdm	Complexity	5769.136086
wavelet-HLL	ngtdm	Strength	8.609393416
wavelet-HLL	ngtdm	Contrast	0.387442349
wavelet-HLL	ngtdm	Busyness	0.052875562
wavelet-LHL	gldm	GrayLevelVariance	141.9944227
wavelet-LHL	gldm	HighGrayLevelEmphasis	1724.831395
wavelet-LHL	gldm	DependenceEntropy	6.814849561
wavelet-LHL	gldm	DependenceNonUniformity	262.2761628
wavelet-LHL	gldm	GrayLevelNonUniformity	21.05813953
wavelet-LHL	gldm	SmallDependenceEmphasis	0.631869268
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1123.702455
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.381215353
wavelet-LHL	gldm	LargeDependenceEmphasis	5.75872093
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008781003
wavelet-LHL	gldm	DependenceVariance	2.188378853
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	9759.607558
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005480158
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005747524
wavelet-LHL	glcm	JointAverage	39.82821663
wavelet-LHL	glcm	SumAverage	79.65643325
wavelet-LHL	glcm	JointEntropy	9.027676434
wavelet-LHL	glcm	ClusterShade	2217.944823
wavelet-LHL	glcm	MaximumProbability	0.013738818
wavelet-LHL	glcm	ldmn	0.975143566
wavelet-LHL	glcm	JointEnergy	0.0026797
wavelet-LHL	glcm	Contrast	230.4413753
wavelet-LHL	glcm	DifferenceEntropy	4.745197759
wavelet-LHL	glcm	InverseVariance	0.140417709
wavelet-LHL	glcm	DifferenceVariance	115.7704303
wavelet-LHL	glcm	ldn	0.904739693
wavelet-LHL	glcm	ldm	0.130955642
wavelet-LHL	glcm	Correlation	0.117466129
wavelet-LHL	glcm	Autocorrelation	1603.365017
wavelet-LHL	glcm	SumEntropy	5.847386423
wavelet-LHL	glcm	SumSquares	132.2593879
wavelet-LHL	glcm	ClusterProminence	476372.7915
wavelet-LHL	glcm	lmc2	0.98111265
wavelet-LHL	glcm	lmc1	-0.30913184
wavelet-LHL	glcm	DifferenceAverage	10.49090099
wavelet-LHL	glcm	ld	0.208967038
wavelet-LHL	glcm	ClusterTendency	298.5961765
wavelet-LHL	firstorder	InterquartileRange	293.0515419
wavelet-LHL	firstorder	Skewness	0.23734304
wavelet-LHL	firstorder	Uniformity	0.030607761
wavelet-LHL	firstorder	Median	-26.98051922
wavelet-LHL	firstorder	Energy	62241606.78
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	135.1904459
wavelet-LHL	firstorder	MeanAbsoluteDeviation	218.0864985
wavelet-LHL	firstorder	TotalEnergy	1680523383
wavelet-LHL	firstorder	Maximum	1216.559916
wavelet-LHL	firstorder	RootMeanSquared	300.7780772
wavelet-LHL	firstorder	90Percentile	306.5403253

wavelet-LHL	firstorder	Minimum	-1017.035666
wavelet-LHL	firstorder	Entropy	5.43780966
wavelet-LHL	firstorder	Range	2233.595582
wavelet-LHL	firstorder	Variance	88655.92976
wavelet-LHL	firstorder	10Percentile	-409.5932289
wavelet-LHL	firstorder	Kurtosis	4.489853013
wavelet-LHL	firstorder	Mean	-42.56197777
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005911226
wavelet-LHL	glrlm	GrayLevelVariance	145.8187803
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.00592787
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029410127
wavelet-LHL	glrlm	RunVariance	0.041604278
wavelet-LHL	glrlm	GrayLevelNonUniformity	19.54334401
wavelet-LHL	glrlm	LongRunEmphasis	1.114089582
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1686.27587
wavelet-LHL	glrlm	RunLengthNonUniformity	623.207696
wavelet-LHL	glrlm	ShortRunEmphasis	0.975433936
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1916.401771
wavelet-LHL	glrlm	RunPercentage	0.96578712
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.00600447
wavelet-LHL	glrlm	RunEntropy	5.630633342
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1727.117458
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.937718179
wavelet-LHL	glszm	GrayLevelVariance	186.8594334
wavelet-LHL	glszm	ZoneVariance	4.015153691
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.023125539
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.672050057
wavelet-LHL	glszm	SizeZoneNonUniformity	317.2076271
wavelet-LHL	glszm	GrayLevelNonUniformity	10.91525424
wavelet-LHL	glszm	LargeAreaEmphasis	6.139830508
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1515.689299
wavelet-LHL	glszm	ZonePercentage	0.686046512
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011210679
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	10563.41949
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1763.555085
wavelet-LHL	glszm	SmallAreaEmphasis	0.845148903
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008055703
wavelet-LHL	glszm	ZoneEntropy	6.435990297
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.00793092
wavelet-LHL	ngtdm	Coarseness	0.010911921
wavelet-LHL	ngtdm	Complexity	15462.33745
wavelet-LHL	ngtdm	Strength	17.27344513
wavelet-LHL	ngtdm	Contrast	0.440148988
wavelet-LHL	ngtdm	Busyness	0.029332437
wavelet-LHH	gldm	GrayLevelVariance	59.85275825
wavelet-LHH	gldm	HighGrayLevelEmphasis	1059.44186
wavelet-LHH	gldm	DependenceEntropy	6.404701498
wavelet-LHH	gldm	DependenceNonUniformity	198.4331395
wavelet-LHH	gldm	GrayLevelNonUniformity	32.77325581
wavelet-LHH	gldm	SmallDependenceEmphasis	0.525247565
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	601.5946386
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.288420261

wavelet-LHH	gldm	LargeDependenceEmphasis	6.965116279
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.00931343
wavelet-LHH	gldm	DependenceVariance	2.19901805
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	6843.921512
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002254471
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.002813671
wavelet-LHH	glcm	JointAverage	31.55303179
wavelet-LHH	glcm	SumAverage	63.10606359
wavelet-LHH	glcm	JointEntropy	8.444834618
wavelet-LHH	glcm	ClusterShade	126.6298118
wavelet-LHH	glcm	MaximumProbability	0.019074644
wavelet-LHH	glcm	ldmn	0.979586717
wavelet-LHH	glcm	JointEnergy	0.004314229
wavelet-LHH	glcm	Contrast	105.5593936
wavelet-LHH	glcm	DifferenceEntropy	4.279128868
wavelet-LHH	glcm	InverseVariance	0.177295508
wavelet-LHH	glcm	DifferenceVariance	51.7131544
wavelet-LHH	glcm	ldn	0.910910135
wavelet-LHH	glcm	ldm	0.167527215
wavelet-LHH	glcm	Correlation	0.001005133
wavelet-LHH	glcm	Autocorrelation	995.7097494
wavelet-LHH	glcm	SumEntropy	5.170260695
wavelet-LHH	glcm	SumSquares	52.88713573
wavelet-LHH	glcm	ClusterProminence	66363.52679
wavelet-LHH	glcm	lmc2	0.925737082
wavelet-LHH	glcm	lmc1	-0.206870151
wavelet-LHH	glcm	DifferenceAverage	7.255056762
wavelet-LHH	glcm	ld	0.251132485
wavelet-LHH	glcm	ClusterTendency	105.9891494
wavelet-LHH	firstorder	InterquartileRange	180.6859106
wavelet-LHH	firstorder	Skewness	0.155448954
wavelet-LHH	firstorder	Uniformity	0.047635546
wavelet-LHH	firstorder	Median	-5.247357554
wavelet-LHH	firstorder	Energy	25770202.53
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	80.57998324
wavelet-LHH	firstorder	MeanAbsoluteDeviation	136.8110336
wavelet-LHH	firstorder	TotalEnergy	695795468.2
wavelet-LHH	firstorder	Maximum	907.4676395
wavelet-LHH	firstorder	RootMeanSquared	193.5373083
wavelet-LHH	firstorder	90Percentile	230.723806
wavelet-LHH	firstorder	Minimum	-772.5918958
wavelet-LHH	firstorder	Entropy	4.81332802
wavelet-LHH	firstorder	Range	1680.059535
wavelet-LHH	firstorder	Variance	37446.69402
wavelet-LHH	firstorder	10Percentile	-218.6208859
wavelet-LHH	firstorder	Kurtosis	5.244701343
wavelet-LHH	firstorder	Mean	3.161597153
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002856931
wavelet-LHH	glrlm	GrayLevelVariance	61.93056063
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.002894768
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.045748604
wavelet-LHH	glrlm	RunVariance	0.054644811

wavelet-LHH	glrlm	GrayLevelNonUniformity	30.04728528
wavelet-LHH	glrlm	LongRunEmphasis	1.152959327
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1031.33231
wavelet-LHH	glrlm	RunLengthNonUniformity	601.4039257
wavelet-LHH	glrlm	ShortRunEmphasis	0.966400162
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1211.908457
wavelet-LHH	glrlm	RunPercentage	0.954494633
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.003065332
wavelet-LHH	glrlm	RunEntropy	5.073721177
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1063.837109
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.915502256
wavelet-LHH	glszm	GrayLevelVariance	87.46173076
wavelet-LHH	glszm	ZoneVariance	12.50928007
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.034026919
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.592586046
wavelet-LHH	glszm	SizeZoneNonUniformity	235.8492462
wavelet-LHH	glszm	GrayLevelNonUniformity	13.54271357
wavelet-LHH	glszm	LargeAreaEmphasis	15.49748744
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	934.1804735
wavelet-LHH	glszm	ZonePercentage	0.578488372
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.019303865
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	15177.63819
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1128.577889
wavelet-LHH	glszm	SmallAreaEmphasis	0.797530072
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004025166
wavelet-LHH	glszm	ZoneEntropy	6.068238024
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003762281
wavelet-LHH	ngtdm	Coarseness	0.010438203
wavelet-LHH	ngtdm	Complexity	5878.041734
wavelet-LHH	ngtdm	Strength	8.396151829
wavelet-LHH	ngtdm	Contrast	0.262772743
wavelet-LHH	ngtdm	Busyness	0.049724134
wavelet-LLH	gldm	GrayLevelVariance	139.7643912
wavelet-LLH	gldm	HighGrayLevelEmphasis	2720.936047
wavelet-LLH	gldm	DependenceEntropy	6.844033012
wavelet-LLH	gldm	DependenceNonUniformity	243.5901163
wavelet-LLH	gldm	GrayLevelNonUniformity	21.10755814
wavelet-LLH	gldm	SmallDependenceEmphasis	0.605038747
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1658.645493
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.354055402
wavelet-LLH	gldm	LargeDependenceEmphasis	5.098837209
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.003859152
wavelet-LLH	gldm	DependenceVariance	1.495462074
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	13936.125
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002127905
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002287633
wavelet-LLH	glcm	JointAverage	50.8294092
wavelet-LLH	glcm	SumAverage	101.6588184
wavelet-LLH	glcm	JointEntropy	9.067416464
wavelet-LLH	glcm	ClusterShade	714.4870104
wavelet-LLH	glcm	MaximumProbability	0.010973052
wavelet-LLH	glcm	ldmn	0.978472555

wavelet-LLH	glcm	JointEnergy	0.00246499
wavelet-LLH	glcm	Contrast	214.8747359
wavelet-LLH	glcm	DifferenceEntropy	4.720546343
wavelet-LLH	glcm	InverseVariance	0.132635701
wavelet-LLH	glcm	DifferenceVariance	105.5797828
wavelet-LLH	glcm	Idn	0.909500698
wavelet-LLH	glcm	Idm	0.127129954
wavelet-LLH	glcm	Correlation	0.133957297
wavelet-LLH	glcm	Autocorrelation	2601.523223
wavelet-LLH	glcm	SumEntropy	5.850752069
wavelet-LLH	glcm	SumSquares	125.3013617
wavelet-LLH	glcm	ClusterProminence	409240.3738
wavelet-LLH	glcm	Imc2	0.977445443
wavelet-LLH	glcm	Imc1	-0.293964722
wavelet-LLH	glcm	DifferenceAverage	10.24993366
wavelet-LLH	glcm	Id	0.206498285
wavelet-LLH	glcm	ClusterTendency	286.3307109
wavelet-LLH	firstorder	InterquartileRange	294.0494826
wavelet-LLH	firstorder	Skewness	0.049198306
wavelet-LLH	firstorder	Uniformity	0.03067959
wavelet-LLH	firstorder	Median	-31.95347876
wavelet-LLH	firstorder	Energy	61270285.44
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	128.8357071
wavelet-LLH	firstorder	MeanAbsoluteDeviation	212.4208445
wavelet-LLH	firstorder	TotalEnergy	1654297707
wavelet-LLH	firstorder	Maximum	1028.306903
wavelet-LLH	firstorder	RootMeanSquared	298.4219286
wavelet-LLH	firstorder	90Percentile	283.0095648
wavelet-LLH	firstorder	Minimum	-1293.384378
wavelet-LLH	firstorder	Entropy	5.408447765
wavelet-LLH	firstorder	Range	2321.691281
wavelet-LLH	firstorder	Variance	87277.39196
wavelet-LLH	firstorder	10Percentile	-387.1273936
wavelet-LLH	firstorder	Kurtosis	4.935686822
wavelet-LLH	firstorder	Mean	-42.16936666
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002345813
wavelet-LLH	glrlm	GrayLevelVariance	143.4194453
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002355916
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.029882327
wavelet-LLH	glrlm	RunVariance	0.039422903
wavelet-LLH	glrlm	GrayLevelNonUniformity	19.85234425
wavelet-LLH	glrlm	LongRunEmphasis	1.112984449
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2651.785636
wavelet-LLH	glrlm	RunLengthNonUniformity	621.2392761
wavelet-LLH	glrlm	ShortRunEmphasis	0.974378665
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3029.299607
wavelet-LLH	glrlm	RunPercentage	0.965451699
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.002399898
wavelet-LLH	glrlm	RunEntropy	5.600052574
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2721.06325
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.934919554
wavelet-LLH	glszm	GrayLevelVariance	187.6343287

wavelet-LLH	glszm	ZoneVariance	3.043027136
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.023870211
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.644087507
wavelet-LLH	glszm	SizeZoneNonUniformity	295.6361656
wavelet-LLH	glszm	GrayLevelNonUniformity	10.95642702
wavelet-LLH	glszm	LargeAreaEmphasis	5.289760349
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	2274.323653
wavelet-LLH	glszm	ZonePercentage	0.667151163
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.004848316
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	14475.878
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2730.298475
wavelet-LLH	glszm	SmallAreaEmphasis	0.827827535
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.003230499
wavelet-LLH	glszm	ZoneEntropy	6.450267903
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003157128
wavelet-LLH	ngtdm	Coarseness	0.010125148
wavelet-LLH	ngtdm	Complexity	15861.49462
wavelet-LLH	ngtdm	Strength	17.60789545
wavelet-LLH	ngtdm	Contrast	0.432354785
wavelet-LLH	ngtdm	Busyness	0.024255629
wavelet-LLL	gldm	GrayLevelVariance	813.2438797
wavelet-LLL	gldm	HighGrayLevelEmphasis	5513.263081
wavelet-LLL	gldm	DependenceEntropy	7.320737082
wavelet-LLL	gldm	DependenceNonUniformity	341.6976744
wavelet-LLL	gldm	GrayLevelNonUniformity	9.488372093
wavelet-LLL	gldm	SmallDependenceEmphasis	0.732235068
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3403.824456
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.496653597
wavelet-LLL	gldm	LargeDependenceEmphasis	3.845930233
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003323177
wavelet-LLL	gldm	DependenceVariance	1.280345795
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	31091.71948
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002784187
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002854917
wavelet-LLL	glcm	JointAverage	73.59266163
wavelet-LLL	glcm	SumAverage	147.1853233
wavelet-LLL	glcm	JointEntropy	9.592210303
wavelet-LLL	glcm	ClusterShade	-61863.34041
wavelet-LLL	glcm	MaximumProbability	0.007961585
wavelet-LLL	glcm	Idmn	0.963234432
wavelet-LLL	glcm	JointEnergy	0.001541344
wavelet-LLL	glcm	Contrast	694.8736185
wavelet-LLL	glcm	DifferenceEntropy	5.556734363
wavelet-LLL	glcm	InverseVariance	0.090469267
wavelet-LLL	glcm	DifferenceVariance	302.2778322
wavelet-LLL	glcm	Idn	0.88011872
wavelet-LLL	glcm	Idm	0.086526128
wavelet-LLL	glcm	Correlation	0.524938583
wavelet-LLL	glcm	Autocorrelation	5798.867526
wavelet-LLL	glcm	SumEntropy	6.978389247
wavelet-LLL	glcm	SumSquares	729.1128031
wavelet-LLL	glcm	ClusterProminence	11649761.24



wavelet-LLL	glcm	Imc2	0.998715851
wavelet-LLL	glcm	Imc1	-0.474615037
wavelet-LLL	glcm	DifferenceAverage	19.48567837
wavelet-LLL	glcm	Id	0.148218969
wavelet-LLL	glcm	ClusterTendency	2221.577594
wavelet-LLL	firstorder	InterquartileRange	1235.655174
wavelet-LLL	firstorder	Skewness	-0.467658894
wavelet-LLL	firstorder	Uniformity	0.013791239
wavelet-LLL	firstorder	Median	-550.5167871
wavelet-LLL	firstorder	Energy	638591195.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	491.6736575
wavelet-LLL	firstorder	MeanAbsoluteDeviation	614.9668677
wavelet-LLL	firstorder	TotalEnergy	17241962276
wavelet-LLL	firstorder	Maximum	853.0418305
wavelet-LLL	firstorder	RootMeanSquared	963.423519
wavelet-LLL	firstorder	90Percentile	150.7951918
wavelet-LLL	firstorder	Minimum	-2338.867749
wavelet-LLL	firstorder	Entropy	6.447156024
wavelet-LLL	firstorder	Range	3191.90958
wavelet-LLL	firstorder	Variance	507832.8574
wavelet-LLL	firstorder	10Percentile	-1703.893047
wavelet-LLL	firstorder	Kurtosis	2.053137249
wavelet-LLL	firstorder	Mean	-648.345602
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002914485
wavelet-LLL	glrlm	GrayLevelVariance	812.2207715
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002917943
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.013362887
wavelet-LLL	glrlm	RunVariance	0.026106431
wavelet-LLL	glrlm	GrayLevelNonUniformity	8.981332131
wavelet-LLL	glrlm	LongRunEmphasis	1.074181165
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5296.041352
wavelet-LLL	glrlm	RunLengthNonUniformity	642.9073886
wavelet-LLL	glrlm	ShortRunEmphasis	0.983109338
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6081.804861
wavelet-LLL	glrlm	RunPercentage	0.976855993
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002932444
wavelet-LLL	glrlm	RunEntropy	6.562309569
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5440.054342
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.95651992
wavelet-LLL	glszm	GrayLevelVariance	774.5045804
wavelet-LLL	glszm	ZoneVariance	1.654576342
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.011600895
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.77044343
wavelet-LLL	glszm	SizeZoneNonUniformity	409.1054614
wavelet-LLL	glszm	GrayLevelNonUniformity	6.16007533
wavelet-LLL	glszm	LargeAreaEmphasis	3.333333333
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4015.131947
wavelet-LLL	glszm	ZonePercentage	0.771802326
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.003984214
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	26126.25424
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4703.032015
wavelet-LLL	glszm	SmallAreaEmphasis	0.896857813

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00363107
wavelet-LLL	glszm	ZoneEntropy	7.005930477
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003592662
wavelet-LLL	ngtdm	Coarseness	0.009897309
wavelet-LLL	ngtdm	Complexity	59978.8186
wavelet-LLL	ngtdm	Strength	48.42167828
wavelet-LLL	ngtdm	Contrast	1.765971575
wavelet-LLL	ngtdm	Busyness	0.012488443
wavelet-HHL	gldm	GrayLevelVariance	42.63060269
wavelet-HHL	gldm	HighGrayLevelEmphasis	758.9709302
wavelet-HHL	gldm	DependenceEntropy	6.501432194
wavelet-HHL	gldm	DependenceNonUniformity	169.0261628
wavelet-HHL	gldm	GrayLevelNonUniformity	36.95348837
wavelet-HHL	gldm	SmallDependenceEmphasis	0.455748768
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	347.1130399
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.245677562
wavelet-HHL	gldm	LargeDependenceEmphasis	9.281976744
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01560574
wavelet-HHL	gldm	DependenceVariance	3.118881828
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	6606.276163
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002415306
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.003230089
wavelet-HHL	glcm	JointAverage	26.79812262
wavelet-HHL	glcm	SumAverage	53.59624524
wavelet-HHL	glcm	JointEntropy	8.240095466
wavelet-HHL	glcm	ClusterShade	191.7654564
wavelet-HHL	glcm	MaximumProbability	0.019494959
wavelet-HHL	glcm	ldmn	0.968070464
wavelet-HHL	glcm	JointEnergy	0.005101804
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wavelet-HHL	glcm	DifferenceEntropy	4.126389088
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wavelet-HHL	glcm	DifferenceVariance	39.36762859
wavelet-HHL	glcm	ldn	0.890446689
wavelet-HHL	glcm	ldm	0.192688363
wavelet-HHL	glcm	Correlation	-0.029731644
wavelet-HHL	glcm	Autocorrelation	717.0756104
wavelet-HHL	glcm	SumEntropy	4.970120184
wavelet-HHL	glcm	SumSquares	39.80915183
wavelet-HHL	glcm	ClusterProminence	28843.9975
wavelet-HHL	glcm	lmc2	0.899017728
wavelet-HHL	glcm	lmc1	-0.183092705
wavelet-HHL	glcm	DifferenceAverage	6.431619094
wavelet-HHL	glcm	ld	0.275675423
wavelet-HHL	glcm	ClusterTendency	77.43982697
wavelet-HHL	firstorder	InterquartileRange	162.0632824
wavelet-HHL	firstorder	Skewness	0.101766871
wavelet-HHL	firstorder	Uniformity	0.053711466
wavelet-HHL	firstorder	Median	-2.109107525
wavelet-HHL	firstorder	Energy	18342109.93
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	70.75709956
wavelet-HHL	firstorder	MeanAbsoluteDeviation	118.4808324

wavelet-HHL	firstorder	TotalEnergy	495236968.1
wavelet-HHL	firstorder	Maximum	519.1388679
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wavelet-HHL	firstorder	Minimum	-632.0131387
wavelet-HHL	firstorder	Entropy	4.620493688
wavelet-HHL	firstorder	Range	1151.152007
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wavelet-HHL	firstorder	10Percentile	-182.0074158
wavelet-HHL	firstorder	Kurtosis	4.091233163
wavelet-HHL	firstorder	Mean	6.548762216
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003272418
wavelet-HHL	glrlm	GrayLevelVariance	44.36053424
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.003335266
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.051348696
wavelet-HHL	glrlm	RunVariance	0.070380932
wavelet-HHL	glrlm	GrayLevelNonUniformity	33.31268721
wavelet-HHL	glrlm	LongRunEmphasis	1.19559918
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	730.7115414
wavelet-HHL	glrlm	RunLengthNonUniformity	581.4428249
wavelet-HHL	glrlm	ShortRunEmphasis	0.958091729
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	902.4075792
wavelet-HHL	glrlm	RunPercentage	0.942978533
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.003627623
wavelet-HHL	glrlm	RunEntropy	4.936347405
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	761.0948472
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.895942767
wavelet-HHL	glszm	GrayLevelVariance	65.94902639
wavelet-HHL	glszm	ZoneVariance	18.64228375
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.037150672
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.531302506
wavelet-HHL	glszm	SizeZoneNonUniformity	186.4871795
wavelet-HHL	glszm	GrayLevelNonUniformity	13.03988604
wavelet-HHL	glszm	LargeAreaEmphasis	22.48433048
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	573.1968347
wavelet-HHL	glszm	ZonePercentage	0.510174419
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037243798
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	15367.7037
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wavelet-HHL	glszm	SmallAreaEmphasis	0.756009823
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.004896778
wavelet-HHL	glszm	ZoneEntropy	6.035387442
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004529853
wavelet-HHL	ngtdm	Coarseness	0.010095415
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wavelet-HHL	ngtdm	Contrast	0.259302692
wavelet-HHL	ngtdm	Busyness	0.080589932
wavelet-HLH	gldm	GrayLevelVariance	33.42313413
wavelet-HLH	gldm	HighGrayLevelEmphasis	504.2122093
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wavelet-HLH	gldm	GrayLevelNonUniformity	41.6627907
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.242897343
wavelet-HLH	gldm	LargeDependenceEmphasis	10.34593023
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026303563
wavelet-HLH	gldm	DependenceVariance	3.801852353
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4785.005814
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003488374
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wavelet-HLH	glcm	JointAverage	21.72844304
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wavelet-HLH	glcm	ClusterShade	36.62919175
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wavelet-HLH	glcm	JointEnergy	0.006077257
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wavelet-HLH	glcm	DifferenceEntropy	3.930821015
wavelet-HLH	glcm	InverseVariance	0.206881222
wavelet-HLH	glcm	DifferenceVariance	29.27101155
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wavelet-HLH	glcm	ClusterProminence	18088.37043
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wavelet-HLH	glcm	DifferenceAverage	5.560862487
wavelet-HLH	glcm	ld	0.289903376
wavelet-HLH	glcm	ClusterTendency	59.07964347
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wavelet-HLH	firstorder	Skewness	0.073244215
wavelet-HLH	firstorder	Uniformity	0.060556382
wavelet-HLH	firstorder	Median	0.47423188
wavelet-HLH	firstorder	Energy	14520103.33
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	62.51266467
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wavelet-HLH	firstorder	TotalEnergy	392042789.9
wavelet-HLH	firstorder	Maximum	577.1614622
wavelet-HLH	firstorder	RootMeanSquared	145.2749164
wavelet-HLH	firstorder	90Percentile	176.6247856
wavelet-HLH	firstorder	Minimum	-506.5502279
wavelet-HLH	firstorder	Entropy	4.444517625
wavelet-HLH	firstorder	Range	1083.71169
wavelet-HLH	firstorder	Variance	21084.88296
wavelet-HLH	firstorder	10Percentile	-164.7128295
wavelet-HLH	firstorder	Kurtosis	4.651506618
wavelet-HLH	firstorder	Mean	4.463001888
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.004854493

wavelet-HLH	glrlm	GrayLevelVariance	35.07923601
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.004958064
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.05760049
wavelet-HLH	glrlm	RunVariance	0.073497184
wavelet-HLH	glrlm	GrayLevelNonUniformity	37.25624045
wavelet-HLH	glrlm	LongRunEmphasis	1.205955613
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	486.0178354
wavelet-HLH	glrlm	RunLengthNonUniformity	576.6539372
wavelet-HLH	glrlm	ShortRunEmphasis	0.955904579
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	602.3503876
wavelet-HLH	glrlm	RunPercentage	0.940071556
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.005439567
wavelet-HLH	glrlm	RunEntropy	4.78173554
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	506.6509088
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.891157526
wavelet-HLH	glszm	GrayLevelVariance	54.9252926
wavelet-HLH	glszm	ZoneVariance	16.42432851
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.040761754
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.556437215
wavelet-HLH	glszm	SizeZoneNonUniformity	197.5352113
wavelet-HLH	glszm	GrayLevelNonUniformity	14.47042254
wavelet-HLH	glszm	LargeAreaEmphasis	20.18028169
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wavelet-HLH	glszm	ZonePercentage	0.515988372
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.05129116
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	9098.090141
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	532.1323944
wavelet-HLH	glszm	SmallAreaEmphasis	0.773295228
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.007059332
wavelet-HLH	glszm	ZoneEntropy	5.89341006
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.006430898
wavelet-HLH	ngtdm	Coarseness	0.010423797
wavelet-HLH	ngtdm	Complexity	2809.607661
wavelet-HLH	ngtdm	Strength	5.00231429
wavelet-HLH	ngtdm	Contrast	0.174393409
wavelet-HLH	ngtdm	Busyness	0.087386695

Image type	Feature Class	Feature Name	
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original	gldm	HighGrayLevelEmphasis	560.3694344
original	gldm	DependenceEntropy	6.366118964
original	gldm	DependenceNonUniformity	79.27196149
original	gldm	GrayLevelNonUniformity	118.9157641
original	gldm	SmallDependenceEmphasis	0.261018736
original	gldm	SmallDependenceHighGrayLevelEmphasis	93.60497842
original	gldm	DependenceNonUniformityNormalized	0.095393455
original	gldm	LargeDependenceEmphasis	64.04452467
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.098950981
original	gldm	DependenceVariance	25.53286676

original	gldm	LargeDependenceHighGrayLevelEmphasis	45088.71119
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original	glcm	JointAverage	23.8794799
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original	glcm	MaximumProbability	0.140615316
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original	glcm	SumEntropy	4.150888289
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original	glcm	ClusterProminence	37724.36496
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original	glcm	ClusterTendency	77.52968857
original	firstorder	InterquartileRange	132
original	firstorder	Skewness	-1.687937209
original	firstorder	Uniformity	0.143099596
original	firstorder	Median	7
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original	firstorder	Minimum	-621
original	firstorder	Entropy	3.597830474
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original	firstorder	Kurtosis	5.059374657
original	firstorder	Mean	-64.51624549
original	glrlm	ShortRunLowGrayLevelEmphasis	0.008588658
original	glrlm	GrayLevelVariance	38.12023683
original	glrlm	LowGrayLevelRunEmphasis	0.008807354
original	glrlm	GrayLevelNonUniformityNormalized	0.105051902
original	glrlm	RunVariance	0.439224242
original	glrlm	GrayLevelNonUniformity	69.89652808
original	glrlm	LongRunEmphasis	2.00644338
original	glrlm	ShortRunHighGrayLevelEmphasis	436.7211359
original	glrlm	RunLengthNonUniformity	471.2922929

original	glrlm	ShortRunEmphasis	0.866138281
original	glrlm	LongRunHighGrayLevelEmphasis	1227.107527
original	glrlm	RunPercentage	0.799777839
original	glrlm	LongRunLowGrayLevelEmphasis	0.010348517
original	glrlm	RunEntropy	4.594537742
original	glrlm	HighGrayLevelRunEmphasis	527.9314205
original	glrlm	RunLengthNonUniformityNormalized	0.708623893
original	glszm	GrayLevelVariance	45.45992515
original	glszm	ZoneVariance	359.0902655
original	glszm	GrayLevelNonUniformityNormalized	0.0509851
original	glszm	SizeZoneNonUniformityNormalized	0.526234023
original	glszm	SizeZoneNonUniformity	125.2436975
original	glszm	GrayLevelNonUniformity	12.13445378
original	glszm	LargeAreaEmphasis	371.2815126
original	glszm	SmallAreaHighGrayLevelEmphasis	245.8173869
original	glszm	ZonePercentage	0.286401925
original	glszm	LargeAreaLowGrayLevelEmphasis	0.55269718
original	glszm	LargeAreaHighGrayLevelEmphasis	260974.2815
original	glszm	HighGrayLevelZoneEmphasis	356.2857143
original	glszm	SmallAreaEmphasis	0.7524766
original	glszm	LowGrayLevelZoneEmphasis	0.020775505
original	glszm	ZoneEntropy	5.598656827
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019858051
original	ngtdm	Coarseness	0.00648284
original	ngtdm	Complexity	842.5318526
original	ngtdm	Strength	4.88908452
original	ngtdm	Contrast	0.211582528
original	ngtdm	Busyness	0.160906923
wavelet-HHH	gldm	GrayLevelVariance	3.239951286
wavelet-HHH	gldm	HighGrayLevelEmphasis	94.25752106
wavelet-HHH	gldm	DependenceEntropy	5.815164191
wavelet-HHH	gldm	DependenceNonUniformity	61.01684717
wavelet-HHH	gldm	GrayLevelNonUniformity	186.179302
wavelet-HHH	gldm	SmallDependenceEmphasis	0.150879871
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	15.51520375
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.073425809
wavelet-HHH	gldm	LargeDependenceEmphasis	66.02286402
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.734566807
wavelet-HHH	gldm	DependenceVariance	19.25438303
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	6073.032491
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003571757
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.013522581
wavelet-HHH	glcm	JointAverage	9.516986289
wavelet-HHH	glcm	SumAverage	19.03397258
wavelet-HHH	glcm	JointEntropy	4.813631373
wavelet-HHH	glcm	ClusterShade	9.993460244
wavelet-HHH	glcm	MaximumProbability	0.146968868
wavelet-HHH	glcm	Idmn	0.987651492
wavelet-HHH	glcm	JointEnergy	0.07231073
wavelet-HHH	glcm	Contrast	5.412329661
wavelet-HHH	glcm	DifferenceEntropy	2.336574862
wavelet-HHH	glcm	InverseVariance	0.430492914
wavelet-HHH	glcm	DifferenceVariance	3.086946628



wavelet-HHH	glcm	Idn	0.934884363
wavelet-HHH	glcm	Idm	0.512845913
wavelet-HHH	glcm	Correlation	-0.00954689
wavelet-HHH	glcm	Autocorrelation	90.55124226
wavelet-HHH	glcm	SumEntropy	3.01154039
wavelet-HHH	glcm	SumSquares	2.684228701
wavelet-HHH	glcm	ClusterProminence	245.7231919
wavelet-HHH	glcm	Imc2	0.531461686
wavelet-HHH	glcm	Imc1	-0.069288526
wavelet-HHH	glcm	DifferenceAverage	1.516869653
wavelet-HHH	glcm	Id	0.558690442
wavelet-HHH	glcm	ClusterTendency	5.324585143
wavelet-HHH	firstorder	InterquartileRange	32.27483578
wavelet-HHH	firstorder	Skewness	0.812063946
wavelet-HHH	firstorder	Uniformity	0.224042481
wavelet-HHH	firstorder	Median	0.470432738
wavelet-HHH	firstorder	Energy	1645572.699
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	15.07544947
wavelet-HHH	firstorder	MeanAbsoluteDeviation	28.55916095
wavelet-HHH	firstorder	TotalEnergy	44430462.88
wavelet-HHH	firstorder	Maximum	259.6182621
wavelet-HHH	firstorder	RootMeanSquared	44.4997965
wavelet-HHH	firstorder	90Percentile	44.97277152
wavelet-HHH	firstorder	Minimum	-223.4901099
wavelet-HHH	firstorder	Entropy	2.653742906
wavelet-HHH	firstorder	Range	483.108372
wavelet-HHH	firstorder	Variance	1978.237886
wavelet-HHH	firstorder	10Percentile	-45.42395131
wavelet-HHH	firstorder	Kurtosis	9.029735743
wavelet-HHH	firstorder	Mean	1.412091633
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.01232122
wavelet-HHH	glrlm	GrayLevelVariance	3.969617038
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.014182757
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.188536783
wavelet-HHH	glrlm	RunVariance	0.431822962
wavelet-HHH	glrlm	GrayLevelNonUniformity	121.5518757
wavelet-HHH	glrlm	LongRunEmphasis	2.100817398
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	79.89105542
wavelet-HHH	glrlm	RunLengthNonUniformity	421.7571305
wavelet-HHH	glrlm	ShortRunEmphasis	0.835750503
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	196.1834017
wavelet-HHH	glrlm	RunPercentage	0.77543275
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.026510283
wavelet-HHH	glrlm	RunEntropy	3.719937734
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	94.95923699
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.653700076
wavelet-HHH	glszm	GrayLevelVariance	12.79886311
wavelet-HHH	glszm	ZoneVariance	1078.851081
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.101592967
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.452574526
wavelet-HHH	glszm	SizeZoneNonUniformity	55.66666667
wavelet-HHH	glszm	GrayLevelNonUniformity	12.49593496
wavelet-HHH	glszm	LargeAreaEmphasis	1124.495935

wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	74.09990914
wavelet-HHH	glszm	ZonePercentage	0.14801444
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	12.49177457
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	102743.7073
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	105.7723577
wavelet-HHH	glszm	SmallAreaEmphasis	0.696716688
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.02435983
wavelet-HHH	glszm	ZoneEntropy	4.924203026
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.020001133
wavelet-HHH	ngtdm	Coarseness	0.008019775
wavelet-HHH	ngtdm	Complexity	180.3181069
wavelet-HHH	ngtdm	Strength	1.16910552
wavelet-HHH	ngtdm	Contrast	0.026736647
wavelet-HHH	ngtdm	Busyness	0.495831488
wavelet-HLL	gldm	GrayLevelVariance	9.455297939
wavelet-HLL	gldm	HighGrayLevelEmphasis	131.4368231
wavelet-HLL	gldm	DependenceEntropy	6.444425788
wavelet-HLL	gldm	DependenceNonUniformity	77.15643803
wavelet-HLL	gldm	GrayLevelNonUniformity	110.6726835
wavelet-HLL	gldm	SmallDependenceEmphasis	0.185254416
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	31.48213055
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.092847699
wavelet-HLL	gldm	LargeDependenceEmphasis	46.91817088
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.399720747
wavelet-HLL	gldm	DependenceVariance	16.022767
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	5898.873646
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004901927
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.012814867
wavelet-HLL	glcm	JointAverage	10.88742279
wavelet-HLL	glcm	SumAverage	21.77484558
wavelet-HLL	glcm	JointEntropy	6.021809825
wavelet-HLL	glcm	ClusterShade	142.7249919
wavelet-HLL	glcm	MaximumProbability	0.074500358
wavelet-HLL	glcm	Idmn	0.99151121
wavelet-HLL	glcm	JointEnergy	0.029432786
wavelet-HLL	glcm	Contrast	10.05082123
wavelet-HLL	glcm	DifferenceEntropy	2.672432655
wavelet-HLL	glcm	InverseVariance	0.382873678
wavelet-HLL	glcm	DifferenceVariance	5.677951746
wavelet-HLL	glcm	Idn	0.945054296
wavelet-HLL	glcm	Idm	0.430611435
wavelet-HLL	glcm	Correlation	0.299945751
wavelet-HLL	glcm	Autocorrelation	120.8303616
wavelet-HLL	glcm	SumEntropy	3.885668229
wavelet-HLL	glcm	SumSquares	7.317145912
wavelet-HLL	glcm	ClusterProminence	4801.972833
wavelet-HLL	glcm	Imc2	0.700402662
wavelet-HLL	glcm	Imc1	-0.113630445
wavelet-HLL	glcm	DifferenceAverage	2.059363077
wavelet-HLL	glcm	Id	0.49209836
wavelet-HLL	glcm	ClusterTendency	19.21776242
wavelet-HLL	firstorder	InterquartileRange	60.43656696
wavelet-HLL	firstorder	Skewness	1.72368314

wavelet-HLL	firstorder	Uniformity	0.133180125
wavelet-HLL	firstorder	Median	-13.60312996
wavelet-HLL	firstorder	Energy	4935466.746
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	28.11683487
wavelet-HLL	firstorder	MeanAbsoluteDeviation	49.56922727
wavelet-HLL	firstorder	TotalEnergy	133257602.1
wavelet-HLL	firstorder	Maximum	526.0041925
wavelet-HLL	firstorder	RootMeanSquared	77.0661393
wavelet-HLL	firstorder	90Percentile	61.8253466
wavelet-HLL	firstorder	Minimum	-252.5628852
wavelet-HLL	firstorder	Entropy	3.370217085
wavelet-HLL	firstorder	Range	778.5670777
wavelet-HLL	firstorder	Variance	5795.030652
wavelet-HLL	firstorder	10Percentile	-92.77100682
wavelet-HLL	firstorder	Kurtosis	11.8699555
wavelet-HLL	firstorder	Mean	-12.00663043
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.012509588
wavelet-HLL	glrlm	GrayLevelVariance	10.92399497
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.013655712
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.118021829
wavelet-HLL	glrlm	RunVariance	0.322403748
wavelet-HLL	glrlm	GrayLevelNonUniformity	80.95157498
wavelet-HLL	glrlm	LongRunEmphasis	1.803277362
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	117.6526925
wavelet-HLL	glrlm	RunLengthNonUniformity	496.0954878
wavelet-HLL	glrlm	ShortRunEmphasis	0.873668878
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	232.9387585
wavelet-HLL	glrlm	RunPercentage	0.82467833
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.020702802
wavelet-HLL	glrlm	RunEntropy	4.221668614
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	133.1558175
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.721812263
wavelet-HLL	glszm	GrayLevelVariance	28.01412743
wavelet-HLL	glszm	ZoneVariance	384.1910431
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.069095342
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.384990498
wavelet-HLL	glszm	SizeZoneNonUniformity	64.29341317
wavelet-HLL	glszm	GrayLevelNonUniformity	11.53892216
wavelet-HLL	glszm	LargeAreaEmphasis	408.9520958
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	121.1523494
wavelet-HLL	glszm	ZonePercentage	0.200962696
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	3.477309714
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	49792.35928
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	169.011976
wavelet-HLL	glszm	SmallAreaEmphasis	0.644612512
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.025640635
wavelet-HLL	glszm	ZoneEntropy	5.737386701
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.021480917
wavelet-HLL	ngtdm	Coarseness	0.009181949
wavelet-HLL	ngtdm	Complexity	607.2269076
wavelet-HLL	ngtdm	Strength	4.49393827
wavelet-HLL	ngtdm	Contrast	0.039742202
wavelet-HLL	ngtdm	Busyness	0.248202748

wavelet-LHL	gldm	GrayLevelVariance	43.3021413
wavelet-LHL	gldm	HighGrayLevelEmphasis	2775.534296
wavelet-LHL	gldm	DependenceEntropy	6.721251598
wavelet-LHL	gldm	DependenceNonUniformity	120.8098676
wavelet-LHL	gldm	GrayLevelNonUniformity	70.52587244
wavelet-LHL	gldm	SmallDependenceEmphasis	0.337915118
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	963.5027751
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.145378902
wavelet-LHL	gldm	LargeDependenceEmphasis	30.02045728
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012209062
wavelet-LHL	gldm	DependenceVariance	13.01351799
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	82412.3213
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001345837
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001593322
wavelet-LHL	glcm	JointAverage	52.41601554
wavelet-LHL	glcm	SumAverage	104.8320311
wavelet-LHL	glcm	JointEntropy	7.249439914
wavelet-LHL	glcm	ClusterShade	190.7663031
wavelet-LHL	glcm	MaximumProbability	0.062172202
wavelet-LHL	glcm	Idmn	0.993190779
wavelet-LHL	glcm	JointEnergy	0.016995934
wavelet-LHL	glcm	Contrast	59.49320155
wavelet-LHL	glcm	DifferenceEntropy	3.556239926
wavelet-LHL	glcm	InverseVariance	0.301719303
wavelet-LHL	glcm	DifferenceVariance	39.18289432
wavelet-LHL	glcm	Idn	0.956608282
wavelet-LHL	glcm	Idm	0.31883793
wavelet-LHL	glcm	Correlation	0.127625415
wavelet-LHL	glcm	Autocorrelation	2752.714701
wavelet-LHL	glcm	SumEntropy	4.640839858
wavelet-LHL	glcm	SumSquares	35.01581297
wavelet-LHL	glcm	ClusterProminence	97201.50107
wavelet-LHL	glcm	Imc2	0.901354392
wavelet-LHL	glcm	Imc1	-0.212670295
wavelet-LHL	glcm	DifferenceAverage	4.391922178
wavelet-LHL	glcm	Id	0.389118103
wavelet-LHL	glcm	ClusterTendency	80.57005033
wavelet-LHL	firstorder	InterquartileRange	91.69879845
wavelet-LHL	firstorder	Skewness	-0.328045893
wavelet-LHL	firstorder	Uniformity	0.084868679
wavelet-LHL	firstorder	Median	-9.989506063
wavelet-LHL	firstorder	Energy	22485262.72
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	46.77801987
wavelet-LHL	firstorder	MeanAbsoluteDeviation	98.07570062
wavelet-LHL	firstorder	TotalEnergy	607102093.6
wavelet-LHL	firstorder	Maximum	923.8999533
wavelet-LHL	firstorder	RootMeanSquared	164.4933977
wavelet-LHL	firstorder	90Percentile	164.6594386
wavelet-LHL	firstorder	Minimum	-1277.770631
wavelet-LHL	firstorder	Entropy	4.242707597
wavelet-LHL	firstorder	Range	2201.670584
wavelet-LHL	firstorder	Variance	27023.45519
wavelet-LHL	firstorder	10Percentile	-159.2783443

wavelet-LHL	firstorder	Kurtosis	13.02596124
wavelet-LHL	firstorder	Mean	-5.884105862
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.001732575
wavelet-LHL	glrlm	GrayLevelVariance	48.45905312
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.001763402
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.072365804
wavelet-LHL	glrlm	RunVariance	0.205675306
wavelet-LHL	glrlm	GrayLevelNonUniformity	52.99470934
wavelet-LHL	glrlm	LongRunEmphasis	1.505433097
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	2552.254736
wavelet-LHL	glrlm	RunLengthNonUniformity	591.4182185
wavelet-LHL	glrlm	ShortRunEmphasis	0.916543456
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	4166.370338
wavelet-LHL	glrlm	RunPercentage	0.87984819
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.001949178
wavelet-LHL	glrlm	RunEntropy	4.871721994
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2780.579651
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.806877225
wavelet-LHL	glszm	GrayLevelVariance	95.68132983
wavelet-LHL	glszm	ZoneVariance	109.4910611
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.037891409
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.530949635
wavelet-LHL	glszm	SizeZoneNonUniformity	162.4705882
wavelet-LHL	glszm	GrayLevelNonUniformity	11.59477124
wavelet-LHL	glszm	LargeAreaEmphasis	116.8660131
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	2175.601045
wavelet-LHL	glszm	ZonePercentage	0.368231047
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.045963276
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	320944.2124
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2852.617647
wavelet-LHL	glszm	SmallAreaEmphasis	0.755993219
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.003687003
wavelet-LHL	glszm	ZoneEntropy	6.145514055
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003593132
wavelet-LHL	ngtdm	Coarseness	0.00954999
wavelet-LHL	ngtdm	Complexity	3967.510448
wavelet-LHL	ngtdm	Strength	12.89297454
wavelet-LHL	ngtdm	Contrast	0.12798101
wavelet-LHL	ngtdm	Busyness	0.029231833
wavelet-LHH	gldm	GrayLevelVariance	12.71252793
wavelet-LHH	gldm	HighGrayLevelEmphasis	499.3104693
wavelet-LHH	gldm	DependenceEntropy	6.305523888
wavelet-LHH	gldm	DependenceNonUniformity	88.22984356
wavelet-LHH	gldm	GrayLevelNonUniformity	109.4163658
wavelet-LHH	gldm	SmallDependenceEmphasis	0.251524483
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	122.0033942
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.106173097
wavelet-LHH	gldm	LargeDependenceEmphasis	42.5354994
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.087771008
wavelet-LHH	gldm	DependenceVariance	16.36691907
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	21260.95427
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00241492
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003977913

wavelet-LHH	glcm	JointAverage	22.23197621
wavelet-LHH	glcm	SumAverage	44.46395242
wavelet-LHH	glcm	JointEntropy	6.34946259
wavelet-LHH	glcm	ClusterShade	-159.5095611
wavelet-LHH	glcm	MaximumProbability	0.095010963
wavelet-LHH	glcm	Idmn	0.982249018
wavelet-LHH	glcm	JointEnergy	0.030179666
wavelet-LHH	glcm	Contrast	20.54790733
wavelet-LHH	glcm	DifferenceEntropy	3.10399966
wavelet-LHH	glcm	InverseVariance	0.346915256
wavelet-LHH	glcm	DifferenceVariance	11.93407698
wavelet-LHH	glcm	Idn	0.924719372
wavelet-LHH	glcm	Idm	0.389081553
wavelet-LHH	glcm	Correlation	0.038823653
wavelet-LHH	glcm	Autocorrelation	494.8122588
wavelet-LHH	glcm	SumEntropy	3.929258256
wavelet-LHH	glcm	SumSquares	10.82319486
wavelet-LHH	glcm	ClusterProminence	5458.494862
wavelet-LHH	glcm	Imc2	0.742868759
wavelet-LHH	glcm	Imc1	-0.12222793
wavelet-LHH	glcm	DifferenceAverage	2.897523185
wavelet-LHH	glcm	Id	0.451683455
wavelet-LHH	glcm	ClusterTendency	22.74487212
wavelet-LHH	firstorder	InterquartileRange	61.9784296
wavelet-LHH	firstorder	Skewness	-1.474962241
wavelet-LHH	firstorder	Uniformity	0.13166831
wavelet-LHH	firstorder	Median	-4.153480296
wavelet-LHH	firstorder	Energy	6706737.337
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	28.1424098
wavelet-LHH	firstorder	MeanAbsoluteDeviation	56.19044015
wavelet-LHH	firstorder	TotalEnergy	181081908.1
wavelet-LHH	firstorder	Maximum	226.9794512
wavelet-LHH	firstorder	RootMeanSquared	89.83697855
wavelet-LHH	firstorder	90Percentile	75.65832486
wavelet-LHH	firstorder	Minimum	-548.7390199
wavelet-LHH	firstorder	Entropy	3.514668067
wavelet-LHH	firstorder	Range	775.718471
wavelet-LHH	firstorder	Variance	7951.325152
wavelet-LHH	firstorder	10Percentile	-97.60508934
wavelet-LHH	firstorder	Kurtosis	9.450276969
wavelet-LHH	firstorder	Mean	-10.92508874
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004118724
wavelet-LHH	glrlm	GrayLevelVariance	14.72258751
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.004347626
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.110914968
wavelet-LHH	glrlm	RunVariance	0.276422988
wavelet-LHH	glrlm	GrayLevelNonUniformity	77.61415073
wavelet-LHH	glrlm	LongRunEmphasis	1.693479838
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	442.069828
wavelet-LHH	glrlm	RunLengthNonUniformity	524.0613485
wavelet-LHH	glrlm	ShortRunEmphasis	0.887437917
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	846.868989
wavelet-LHH	glrlm	RunPercentage	0.841710636

wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.005751232
wavelet-LHH	glrlm	RunEntropy	4.316299542
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	498.6982257
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.747937712
wavelet-LHH	glszm	GrayLevelVariance	35.3942794
wavelet-LHH	glszm	ZoneVariance	298.7433918
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059847259
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.488216867
wavelet-LHH	glszm	SizeZoneNonUniformity	107.8959276
wavelet-LHH	glszm	GrayLevelNonUniformity	13.22624434
wavelet-LHH	glszm	LargeAreaEmphasis	312.8823529
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	348.0113829
wavelet-LHH	glszm	ZonePercentage	0.265944645
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.633551941
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	157027.9321
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	485.7556561
wavelet-LHH	glszm	SmallAreaEmphasis	0.725356316
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.009254759
wavelet-LHH	glszm	ZoneEntropy	5.583076535
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.008596165
wavelet-LHH	ngtdm	Coarseness	0.008774468
wavelet-LHH	ngtdm	Complexity	940.1237268
wavelet-LHH	ngtdm	Strength	3.661973666
wavelet-LHH	ngtdm	Contrast	0.067497259
wavelet-LHH	ngtdm	Busyness	0.117519766
wavelet-LLH	gldm	GrayLevelVariance	61.71477103
wavelet-LLH	gldm	HighGrayLevelEmphasis	428.6377858
wavelet-LLH	gldm	DependenceEntropy	6.850554282
wavelet-LLH	gldm	DependenceNonUniformity	133.746089
wavelet-LLH	gldm	GrayLevelNonUniformity	59.40192539
wavelet-LLH	gldm	SmallDependenceEmphasis	0.328274541
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	175.9272144
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.160945956
wavelet-LLH	gldm	LargeDependenceEmphasis	30.52587244
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.106346994
wavelet-LLH	gldm	DependenceVariance	14.18715508
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	10556.31288
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002741698
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00717214
wavelet-LLH	glcm	JointAverage	18.50087868
wavelet-LLH	glcm	SumAverage	37.00175736
wavelet-LLH	glcm	JointEntropy	7.653325206
wavelet-LLH	glcm	ClusterShade	3835.817592
wavelet-LLH	glcm	MaximumProbability	0.058054815
wavelet-LLH	glcm	Idmn	0.983711746
wavelet-LLH	glcm	JointEnergy	0.014253229
wavelet-LLH	glcm	Contrast	62.32040509
wavelet-LLH	glcm	DifferenceEntropy	3.73813519
wavelet-LLH	glcm	InverseVariance	0.266865819
wavelet-LLH	glcm	DifferenceVariance	36.38109497
wavelet-LLH	glcm	Idn	0.929454149
wavelet-LLH	glcm	Idm	0.296644853
wavelet-LLH	glcm	Correlation	0.369894005

wavelet-LLH	glcm	Autocorrelation	362.6107127
wavelet-LLH	glcm	SumEntropy	4.921008875
wavelet-LLH	glcm	SumSquares	51.45159098
wavelet-LLH	glcm	ClusterProminence	237574.4461
wavelet-LLH	glcm	Imc2	0.925017483
wavelet-LLH	glcm	Imc1	-0.230368317
wavelet-LLH	glcm	DifferenceAverage	4.904936641
wavelet-LLH	glcm	Id	0.368145577
wavelet-LLH	glcm	ClusterTendency	143.4859589
wavelet-LLH	firstorder	InterquartileRange	125.0265284
wavelet-LLH	firstorder	Skewness	1.964426042
wavelet-LLH	firstorder	Uniformity	0.071482461
wavelet-LLH	firstorder	Median	-10.34758749
wavelet-LLH	firstorder	Energy	32203055.33
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	59.87284646
wavelet-LLH	firstorder	MeanAbsoluteDeviation	124.1535019
wavelet-LLH	firstorder	TotalEnergy	869482494
wavelet-LLH	firstorder	Maximum	984.7363967
wavelet-LLH	firstorder	RootMeanSquared	196.8557149
wavelet-LLH	firstorder	90Percentile	245.0098297
wavelet-LLH	firstorder	Minimum	-448.1435784
wavelet-LLH	firstorder	Entropy	4.474274202
wavelet-LLH	firstorder	Range	1432.879975
wavelet-LLH	firstorder	Variance	38480.07897
wavelet-LLH	firstorder	10Percentile	-168.4606054
wavelet-LLH	firstorder	Kurtosis	9.241247784
wavelet-LLH	firstorder	Mean	16.49525725
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007205922
wavelet-LLH	glrlm	GrayLevelVariance	67.76138862
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007567148
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.060071665
wavelet-LLH	glrlm	RunVariance	0.217892699
wavelet-LLH	glrlm	GrayLevelNonUniformity	44.1324825
wavelet-LLH	glrlm	LongRunEmphasis	1.506841077
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	411.0510252
wavelet-LLH	glrlm	RunLengthNonUniformity	599.4196272
wavelet-LLH	glrlm	ShortRunEmphasis	0.92084108
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	615.7253194
wavelet-LLH	glrlm	RunPercentage	0.882995464
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.009582927
wavelet-LLH	glrlm	RunEntropy	5.072112119
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	439.0979664
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.815533669
wavelet-LLH	glszm	GrayLevelVariance	104.5125921
wavelet-LLH	glszm	ZoneVariance	79.07700818
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036597083
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.422229986
wavelet-LLH	glszm	SizeZoneNonUniformity	135.5358255
wavelet-LLH	glszm	GrayLevelNonUniformity	11.74766355
wavelet-LLH	glszm	LargeAreaEmphasis	85.7788162
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	385.4197239
wavelet-LLH	glszm	ZonePercentage	0.386281588
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.277767131



wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	29178.96573
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	529.1806854
wavelet-LLH	glszm	SmallAreaEmphasis	0.673786665
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009403773
wavelet-LLH	glszm	ZoneEntropy	6.439678601
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005532739
wavelet-LLH	ngtdm	Coarseness	0.010413585
wavelet-LLH	ngtdm	Complexity	3803.906777
wavelet-LLH	ngtdm	Strength	12.51027934
wavelet-LLH	ngtdm	Contrast	0.183060241
wavelet-LLH	ngtdm	Busyness	0.084836162
wavelet-LLL	gldm	GrayLevelVariance	257.4365306
wavelet-LLL	gldm	HighGrayLevelEmphasis	4448.090253
wavelet-LLL	gldm	DependenceEntropy	7.209619982
wavelet-LLL	gldm	DependenceNonUniformity	180.8243081
wavelet-LLL	gldm	GrayLevelNonUniformity	37.09145608
wavelet-LLL	gldm	SmallDependenceEmphasis	0.458356248
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1620.033855
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.217598445
wavelet-LLL	gldm	LargeDependenceEmphasis	24.9133574
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005894659
wavelet-LLL	gldm	DependenceVariance	12.82706669
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	141591.8881
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00147624
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001605338
wavelet-LLL	glcm	JointAverage	67.25995875
wavelet-LLL	glcm	SumAverage	134.5199175
wavelet-LLL	glcm	JointEntropy	8.367380007
wavelet-LLL	glcm	ClusterShade	-26184.65315
wavelet-LLL	glcm	MaximumProbability	0.0523503
wavelet-LLL	glcm	Idmn	0.984499265
wavelet-LLL	glcm	JointEnergy	0.009023135
wavelet-LLL	glcm	Contrast	152.8008369
wavelet-LLL	glcm	DifferenceEntropy	4.360156602
wavelet-LLL	glcm	InverseVariance	0.222633294
wavelet-LLL	glcm	DifferenceVariance	87.60893356
wavelet-LLL	glcm	Idn	0.929464297
wavelet-LLL	glcm	Idm	0.244678813
wavelet-LLL	glcm	Correlation	0.613692438
wavelet-LLL	glcm	Autocorrelation	4648.337932
wavelet-LLL	glcm	SumEntropy	5.804779331
wavelet-LLL	glcm	SumSquares	200.6631193
wavelet-LLL	glcm	ClusterProminence	2207032.686
wavelet-LLL	glcm	Imc2	0.979714382
wavelet-LLL	glcm	Imc1	-0.324286384
wavelet-LLL	glcm	DifferenceAverage	7.966123977
wavelet-LLL	glcm	Id	0.310817344
wavelet-LLL	glcm	ClusterTendency	649.8516403
wavelet-LLL	firstorder	InterquartileRange	473.2580176
wavelet-LLL	firstorder	Skewness	-1.349985824
wavelet-LLL	firstorder	Uniformity	0.044634725
wavelet-LLL	firstorder	Median	-17.1748457
wavelet-LLL	firstorder	Energy	164828840.5

wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	212.1827841
wavelet-LLL	firstorder	MeanAbsoluteDeviation	315.8090001
wavelet-LLL	firstorder	TotalEnergy	4450378693
wavelet-LLL	firstorder	Maximum	559.6374281
wavelet-LLL	firstorder	RootMeanSquared	445.365006
wavelet-LLL	firstorder	90Percentile	125.9316404
wavelet-LLL	firstorder	Minimum	-1798.708461
wavelet-LLL	firstorder	Entropy	5.318574458
wavelet-LLL	firstorder	Range	2358.345889
wavelet-LLL	firstorder	Variance	160580.4662
wavelet-LLL	firstorder	10Percentile	-802.24962
wavelet-LLL	firstorder	Kurtosis	4.303606955
wavelet-LLL	firstorder	Mean	-194.343825
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001741912
wavelet-LLL	glrlm	GrayLevelVariance	268.9845341
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001754452
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.03563165
wavelet-LLL	glrlm	RunVariance	0.159398051
wavelet-LLL	glrlm	GrayLevelNonUniformity	26.8011776
wavelet-LLL	glrlm	LongRunEmphasis	1.382122885
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3968.584575
wavelet-LLL	glrlm	RunLengthNonUniformity	637.8094397
wavelet-LLL	glrlm	ShortRunEmphasis	0.936114057
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6480.264257
wavelet-LLL	glrlm	RunPercentage	0.904748681
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001827404
wavelet-LLL	glrlm	RunEntropy	5.829781632
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4324.951351
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.848036067
wavelet-LLL	glszm	GrayLevelVariance	306.8420148
wavelet-LLL	glszm	ZoneVariance	51.87710263
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019282915
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.616942953
wavelet-LLL	glszm	SizeZoneNonUniformity	256.0313253
wavelet-LLL	glszm	GrayLevelNonUniformity	8.002409639
wavelet-LLL	glszm	LargeAreaEmphasis	55.88674699
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2742.79365
wavelet-LLL	glszm	ZonePercentage	0.499398315
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.012637031
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	319981.7952
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3538.559036
wavelet-LLL	glszm	SmallAreaEmphasis	0.813072656
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002991218
wavelet-LLL	glszm	ZoneEntropy	6.694523887
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00292565
wavelet-LLL	ngtdm	Coarseness	0.009286397
wavelet-LLL	ngtdm	Complexity	16140.78501
wavelet-LLL	ngtdm	Strength	38.86632663
wavelet-LLL	ngtdm	Contrast	0.406628429
wavelet-LLL	ngtdm	Busyness	0.014190042
wavelet-HHL	gldm	GrayLevelVariance	4.117020799
wavelet-HHL	gldm	HighGrayLevelEmphasis	136.9350181
wavelet-HHL	gldm	DependenceEntropy	5.973417256

wavelet-HHL	gldm	DependenceNonUniformity	60.99759326
wavelet-HHL	gldm	GrayLevelNonUniformity	173.6474128
wavelet-HHL	gldm	SmallDependenceEmphasis	0.145673929
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	22.25586175
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.073402639
wavelet-HHL	gldm	LargeDependenceEmphasis	64.40072202
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.498291231
wavelet-HHL	gldm	DependenceVariance	19.81175595
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	8493.53911
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003100612
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.009806164
wavelet-HHL	glcm	JointAverage	11.52380295
wavelet-HHL	glcm	SumAverage	23.04760589
wavelet-HHL	glcm	JointEntropy	4.969802092
wavelet-HHL	glcm	ClusterShade	10.84078141
wavelet-HHL	glcm	MaximumProbability	0.12366296
wavelet-HHL	glcm	Idmn	0.992745665
wavelet-HHL	glcm	JointEnergy	0.062407438
wavelet-HHL	glcm	Contrast	6.646281068
wavelet-HHL	glcm	DifferenceEntropy	2.373841297
wavelet-HHL	glcm	InverseVariance	0.434059919
wavelet-HHL	glcm	DifferenceVariance	4.072957651
wavelet-HHL	glcm	Idn	0.951320203
wavelet-HHL	glcm	Idm	0.506021482
wavelet-HHL	glcm	Correlation	-0.005582186
wavelet-HHL	glcm	Autocorrelation	132.790436
wavelet-HHL	glcm	SumEntropy	3.1433021
wavelet-HHL	glcm	SumSquares	3.315155036
wavelet-HHL	glcm	ClusterProminence	555.9280343
wavelet-HHL	glcm	Imc2	0.56003538
wavelet-HHL	glcm	Imc1	-0.075117909
wavelet-HHL	glcm	DifferenceAverage	1.596687026
wavelet-HHL	glcm	Id	0.552221469
wavelet-HHL	glcm	ClusterTendency	6.614339075
wavelet-HHL	firstorder	InterquartileRange	38.66084516
wavelet-HHL	firstorder	Skewness	0.979338214
wavelet-HHL	firstorder	Uniformity	0.208961989
wavelet-HHL	firstorder	Median	1.025734328
wavelet-HHL	firstorder	Energy	2102633.963
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	16.74580019
wavelet-HHL	firstorder	MeanAbsoluteDeviation	31.21002964
wavelet-HHL	firstorder	TotalEnergy	56771116.99
wavelet-HHL	firstorder	Maximum	429.0623774
wavelet-HHL	firstorder	RootMeanSquared	50.30154513
wavelet-HHL	firstorder	90Percentile	44.41022348
wavelet-HHL	firstorder	Minimum	-263.9506035
wavelet-HHL	firstorder	Entropy	2.72990001
wavelet-HHL	firstorder	Range	693.0129809
wavelet-HHL	firstorder	Variance	2530.065067
wavelet-HHL	firstorder	10Percentile	-47.85139552
wavelet-HHL	firstorder	Kurtosis	15.01495378
wavelet-HHL	firstorder	Mean	0.424706899
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009177748

wavelet-HHL	glrlm	GrayLevelVariance	5.056854929
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.010391723
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.179850882
wavelet-HHL	glrlm	RunVariance	0.438066936
wavelet-HHL	glrlm	GrayLevelNonUniformity	116.8592462
wavelet-HHL	glrlm	LongRunEmphasis	2.082985538
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	117.1769334
wavelet-HHL	glrlm	RunLengthNonUniformity	433.6540201
wavelet-HHL	glrlm	ShortRunEmphasis	0.842861091
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	281.3802379
wavelet-HHL	glrlm	RunPercentage	0.781634731
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.0187618
wavelet-HHL	glrlm	RunEntropy	3.769232463
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	138.1212715
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.666315553
wavelet-HHL	glszm	GrayLevelVariance	19.59230617
wavelet-HHL	glszm	ZoneVariance	945.5340075
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.096040717
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.401546698
wavelet-HHL	glszm	SizeZoneNonUniformity	49.3902439
wavelet-HHL	glszm	GrayLevelNonUniformity	11.81300813
wavelet-HHL	glszm	LargeAreaEmphasis	991.1788618
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	106.2284802
wavelet-HHL	glszm	ZonePercentage	0.14801444
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	7.492251957
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	132710.6098
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	153.8130081
wavelet-HHL	glszm	SmallAreaEmphasis	0.658445746
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.021247446
wavelet-HHL	glszm	ZoneEntropy	5.173246213
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018264777
wavelet-HHL	ngtdm	Coarseness	0.008444007
wavelet-HHL	ngtdm	Complexity	270.0970933
wavelet-HHL	ngtdm	Strength	2.185562936
wavelet-HHL	ngtdm	Contrast	0.028409629
wavelet-HHL	ngtdm	Busyness	0.34093758
wavelet-HLH	gldm	GrayLevelVariance	4.370293138
wavelet-HLH	gldm	HighGrayLevelEmphasis	114.4813478
wavelet-HLH	gldm	DependenceEntropy	6.001745029
wavelet-HLH	gldm	DependenceNonUniformity	75.67870036
wavelet-HLH	gldm	GrayLevelNonUniformity	140.990373
wavelet-HLH	gldm	SmallDependenceEmphasis	0.195174096
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	21.8666295
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.091069435
wavelet-HLH	gldm	LargeDependenceEmphasis	51.12274368
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.48233428
wavelet-HLH	gldm	DependenceVariance	17.77246615
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	5582.10349
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004475966
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.012169533
wavelet-HLH	glcm	JointAverage	10.52864252
wavelet-HLH	glcm	SumAverage	21.05728505
wavelet-HLH	glcm	JointEntropy	5.533964132

wavelet-HLH	glcm	ClusterShade	-6.131524711
wavelet-HLH	glcm	MaximumProbability	0.116364529
wavelet-HLH	glcm	Idmn	0.976485438
wavelet-HLH	glcm	JointEnergy	0.045742679
wavelet-HLH	glcm	Contrast	7.640888214
wavelet-HLH	glcm	DifferenceEntropy	2.590827836
wavelet-HLH	glcm	InverseVariance	0.399142045
wavelet-HLH	glcm	DifferenceVariance	3.908135759
wavelet-HLH	glcm	Idn	0.907802005
wavelet-HLH	glcm	Idm	0.447619016
wavelet-HLH	glcm	Correlation	0.006045556
wavelet-HLH	glcm	Autocorrelation	110.8664752
wavelet-HLH	glcm	SumEntropy	3.366662225
wavelet-HLH	glcm	SumSquares	3.834331344
wavelet-HLH	glcm	ClusterProminence	313.2849175
wavelet-HLH	glcm	Imc2	0.588506177
wavelet-HLH	glcm	Imc1	-0.07747142
wavelet-HLH	glcm	DifferenceAverage	1.909887598
wavelet-HLH	glcm	Id	0.5047971
wavelet-HLH	glcm	ClusterTendency	7.696437162
wavelet-HLH	firstorder	InterquartileRange	48.4770761
wavelet-HLH	firstorder	Skewness	-0.384833426
wavelet-HLH	firstorder	Uniformity	0.169663505
wavelet-HLH	firstorder	Median	-0.983742391
wavelet-HLH	firstorder	Energy	2219934.378
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	21.71176668
wavelet-HLH	firstorder	MeanAbsoluteDeviation	36.72407103
wavelet-HLH	firstorder	TotalEnergy	59938228.21
wavelet-HLH	firstorder	Maximum	163.5553837
wavelet-HLH	firstorder	RootMeanSquared	51.68559932
wavelet-HLH	firstorder	90Percentile	64.73937289
wavelet-HLH	firstorder	Minimum	-240.0669153
wavelet-HLH	firstorder	Entropy	2.999221511
wavelet-HLH	firstorder	Range	403.622299
wavelet-HLH	firstorder	Variance	2671.045489
wavelet-HLH	firstorder	10Percentile	-64.41554113
wavelet-HLH	firstorder	Kurtosis	4.671835355
wavelet-HLH	firstorder	Mean	-0.59639611
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011569018
wavelet-HLH	glrlm	GrayLevelVariance	5.106720652
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.012800383
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.144185498
wavelet-HLH	glrlm	RunVariance	0.351603623
wavelet-HLH	glrlm	GrayLevelNonUniformity	97.85109317
wavelet-HLH	glrlm	LongRunEmphasis	1.85874538
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	100.5927062
wavelet-HLH	glrlm	RunLengthNonUniformity	485.0932521
wavelet-HLH	glrlm	ShortRunEmphasis	0.869109806
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	210.2507373
wavelet-HLH	glrlm	RunPercentage	0.816347311
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.020851855
wavelet-HLH	glrlm	RunEntropy	3.881890333
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	115.2297772

wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.713592001
wavelet-HLH	glszm	GrayLevelVariance	12.42157923
wavelet-HLH	glszm	ZoneVariance	489.6285492
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.087479719
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.42286371
wavelet-HLH	glszm	SizeZoneNonUniformity	72.73255814
wavelet-HLH	glszm	GrayLevelNonUniformity	15.04651163
wavelet-HLH	glszm	LargeAreaEmphasis	512.9709302
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	73.85874209
wavelet-HLH	glszm	ZonePercentage	0.206979543
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	4.828749977
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	55399.82558
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	114.2906977
wavelet-HLH	glszm	SmallAreaEmphasis	0.675671923
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.022347076
wavelet-HLH	glszm	ZoneEntropy	5.231770488
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018922244
wavelet-HLH	ngtdm	Coarseness	0.008464689
wavelet-HLH	ngtdm	Complexity	187.3950415
wavelet-HLH	ngtdm	Strength	0.808079171
wavelet-HLH	ngtdm	Contrast	0.04978791
wavelet-HLH	ngtdm	Busyness	0.500277896

Image type	Feature Class	Feature Name	
general	info	BoundingBox	2: RTSTRUCT: C99-DNU_segment_LUL GTV (0, 0, 1, 5, 7, 6)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	(0.96679688, 0.96679688, 2.0)
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general	info	MaskHash	4
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	71
original	shape	Maximum3DDiameter	18.49324201
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original	shape	MinorAxis	13.97268604
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original	shape	SurfaceVolumeRatio	0.450717674
original	shape	Volume	1917
original	shape	MajorAxis	18.28792647
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original	shape	Flatness	0.613130022
original	shape	LeastAxis	11.21287676
original	shape	Maximum2DDiameterColumn	16.15549442
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original	gldm	GrayLevelVariance	50.42174172
original	gldm	HighGrayLevelEmphasis	627.7746479
original	gldm	DependenceEntropy	5.086229162
original	gldm	DependenceNonUniformity	14.49295775
original	gldm	GrayLevelNonUniformity	9
original	gldm	SmallDependenceEmphasis	0.446618052
original	gldm	SmallDependenceHighGrayLevelEmphasis	195.7591882
original	gldm	DependenceNonUniformityNormalized	0.204126165
original	gldm	LargeDependenceEmphasis	19.08450704
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.044129362
original	gldm	DependenceVariance	7.562785162
original	gldm	LargeDependenceHighGrayLevelEmphasis	14629.26761
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.020008183
original	gldm	LowGrayLevelEmphasis	0.020722004
original	glcm	JointAverage	25.29751704

original	glcm	SumAverage	50.59503409
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original	glcm	ClusterShade	-1242.603965
original	glcm	MaximumProbability	0.111827218
original	glcm	Idmn	0.96096827
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original	glcm	InverseVariance	0.342509624
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original	glcm	Idn	0.89767742
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original	glcm	SumEntropy	3.713328005
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original	glcm	ClusterProminence	39597.64881
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original	glcm	ClusterTendency	80.31545397
original	firstorder	InterquartileRange	169.5
original	firstorder	Skewness	-1.656525222
original	firstorder	Uniformity	0.126760563
original	firstorder	Median	13
original	firstorder	Energy	2472051
original	firstorder	RobustMeanAbsoluteDeviation	80.43767313
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original	firstorder	Maximum	225
original	firstorder	RootMeanSquared	186.5948009
original	firstorder	90Percentile	67
original	firstorder	Minimum	-640
original	firstorder	Entropy	3.603219365
original	firstorder	Range	865
original	firstorder	Variance	30992.80698
original	firstorder	10Percentile	-318
original	firstorder	Kurtosis	5.188840022
original	firstorder	Mean	-61.84507042
original	glrlm	ShortRunLowGrayLevelEmphasis	0.022674502
original	glrlm	GrayLevelVariance	53.90759653
original	glrlm	LowGrayLevelRunEmphasis	0.022765113
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original	glrlm	RunVariance	0.120745416
original	glrlm	GrayLevelNonUniformity	7.171764713
original	glrlm	LongRunEmphasis	1.346372989
original	glrlm	ShortRunHighGrayLevelEmphasis	557.8057313
original	glrlm	RunLengthNonUniformity	54.20738008
original	glrlm	ShortRunEmphasis	0.929899977
original	glrlm	LongRunHighGrayLevelEmphasis	880.7006909
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original	glrlm	LongRunLowGrayLevelEmphasis	0.023213383
original	glrlm	RunEntropy	4.044101009



original	glrlm	HighGrayLevelRunEmphasis	612.231431
original	glrlm	RunLengthNonUniformityNormalized	0.836386794
original	glszm	GrayLevelVariance	69.14285714
original	glszm	ZoneVariance	8.999183673
original	glszm	GrayLevelNonUniformityNormalized	0.06122449
original	glszm	SizeZoneNonUniformityNormalized	0.648979592
original	glszm	SizeZoneNonUniformity	22.71428571
original	glszm	GrayLevelNonUniformity	2.142857143
original	glszm	LargeAreaEmphasis	13.11428571
original	glszm	SmallAreaHighGrayLevelEmphasis	329.5393393
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original	glszm	LargeAreaHighGrayLevelEmphasis	9902.914286
original	glszm	HighGrayLevelZoneEmphasis	469.1428571
original	glszm	SmallAreaEmphasis	0.821615332
original	glszm	LowGrayLevelZoneEmphasis	0.04071289
original	glszm	ZoneEntropy	4.443568731
original	glszm	SmallAreaLowGrayLevelEmphasis	0.040481214
original	ngtdm	Coarseness	0.052074025
original	ngtdm	Complexity	1077.913685
original	ngtdm	Strength	24.09221403
original	ngtdm	Contrast	1.023121572
original	ngtdm	Busyness	0.028788929
wavelet-HHH	gldm	GrayLevelVariance	19.12041262
wavelet-HHH	gldm	HighGrayLevelEmphasis	155.4507042
wavelet-HHH	gldm	DependenceEntropy	5.082501521
wavelet-HHH	gldm	DependenceNonUniformity	25.73239437
wavelet-HHH	gldm	GrayLevelNonUniformity	4.915492958
wavelet-HHH	gldm	SmallDependenceEmphasis	0.530492958
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	83.55799687
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.36242809
wavelet-HHH	gldm	LargeDependenceEmphasis	4.042253521
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.056015908
wavelet-HHH	gldm	DependenceVariance	0.741122793
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	627.9577465
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021245423
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.026267778
wavelet-HHH	glcm	JointAverage	11.60241002
wavelet-HHH	glcm	SumAverage	23.20482005
wavelet-HHH	glcm	JointEntropy	5.943199038
wavelet-HHH	glcm	ClusterShade	-5.170875403
wavelet-HHH	glcm	MaximumProbability	0.032289173
wavelet-HHH	glcm	Idmn	0.936777788
wavelet-HHH	glcm	JointEnergy	0.017621751
wavelet-HHH	glcm	Contrast	36.86762724
wavelet-HHH	glcm	DifferenceEntropy	3.353800194
wavelet-HHH	glcm	InverseVariance	0.201374989
wavelet-HHH	glcm	DifferenceVariance	12.79664443
wavelet-HHH	glcm	Idn	0.834229948
wavelet-HHH	glcm	Idm	0.179613064
wavelet-HHH	glcm	Correlation	-0.042982561
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wavelet-HHH	glcm	SumSquares	17.72397837

wavelet-HHH	glcm	ClusterProminence	3356.277253
wavelet-HHH	glcm	Imc2	0.988311853
wavelet-HHH	glcm	Imc1	-0.488227829
wavelet-HHH	glcm	DifferenceAverage	4.828700848
wavelet-HHH	glcm	Id	0.274268717
wavelet-HHH	glcm	ClusterTendency	34.02828623
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wavelet-HHH	firstorder	Median	11.66931426
wavelet-HHH	firstorder	Energy	845459.1588
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	61.43442235
wavelet-HHH	firstorder	MeanAbsoluteDeviation	86.9380588
wavelet-HHH	firstorder	TotalEnergy	22827397.29
wavelet-HHH	firstorder	Maximum	267.3079812
wavelet-HHH	firstorder	RootMeanSquared	109.1232124
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wavelet-HHH	firstorder	Entropy	4.021670798
wavelet-HHH	firstorder	Range	523.8683463
wavelet-HHH	firstorder	Variance	11891.88722
wavelet-HHH	firstorder	10Percentile	-142.4887982
wavelet-HHH	firstorder	Kurtosis	2.623080152
wavelet-HHH	firstorder	Mean	3.998531888
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.026552061
wavelet-HHH	glrlm	GrayLevelVariance	19.36608165
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.026797127
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.069094903
wavelet-HHH	glrlm	RunVariance	0.033603983
wavelet-HHH	glrlm	GrayLevelNonUniformity	4.751740407
wavelet-HHH	glrlm	LongRunEmphasis	1.100906507
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	151.7480333
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wavelet-HHH	glrlm	ShortRunEmphasis	0.976030286
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	171.0047446
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.027818939
wavelet-HHH	glrlm	RunEntropy	4.126296124
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wavelet-HHH	glszm	GrayLevelVariance	23.78474851
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.065440779
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.065120341
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	618.5813953
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	156.3023256
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.036652813

wavelet-HHH	glszm	ZoneEntropy	4.786502545
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.033467493
wavelet-HHH	ngtdm	Coarseness	0.076581723
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wavelet-HLL	gldm	GrayLevelVariance	52.3221583
wavelet-HLL	gldm	HighGrayLevelEmphasis	675.2112676
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wavelet-HLL	gldm	DependenceNonUniformity	22.74647887
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wavelet-HLL	gldm	LargeDependenceEmphasis	5
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.121492607
wavelet-HLL	gldm	DependenceVariance	1.167228724
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wavelet-HLL	glcm	ClusterShade	-876.5183566
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wavelet-HLL	glcm	Idmn	0.970709849
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wavelet-HLL	glcm	Contrast	62.23456862
wavelet-HLL	glcm	DifferenceEntropy	3.537837314
wavelet-HLL	glcm	InverseVariance	0.191064445
wavelet-HLL	glcm	DifferenceVariance	27.6266925
wavelet-HLL	glcm	Idn	0.891513025
wavelet-HLL	glcm	Idm	0.1808453
wavelet-HLL	glcm	Correlation	0.202869358
wavelet-HLL	glcm	Autocorrelation	669.3676191
wavelet-HLL	glcm	SumEntropy	4.308947635
wavelet-HLL	glcm	SumSquares	39.52115863
wavelet-HLL	glcm	ClusterProminence	54725.75263
wavelet-HLL	glcm	Imc2	0.992700999
wavelet-HLL	glcm	Imc1	-0.528345397
wavelet-HLL	glcm	DifferenceAverage	5.744911702
wavelet-HLL	glcm	Id	0.270656739
wavelet-HLL	glcm	ClusterTendency	95.8500659
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wavelet-HLL	firstorder	Skewness	-0.898047607
wavelet-HLL	firstorder	Uniformity	0.066455068
wavelet-HLL	firstorder	Median	-90.40688225
wavelet-HLL	firstorder	Energy	3185223.4
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	74.12026555
wavelet-HLL	firstorder	MeanAbsoluteDeviation	127.194647
wavelet-HLL	firstorder	TotalEnergy	86001031.8
wavelet-HLL	firstorder	Maximum	328.1636295
wavelet-HLL	firstorder	RootMeanSquared	211.807227

wavelet-HLL	firstorder	90Percentile	48.53639348
wavelet-HLL	firstorder	Minimum	-707.3622742
wavelet-HLL	firstorder	Entropy	4.236390692
wavelet-HLL	firstorder	Range	1035.525904
wavelet-HLL	firstorder	Variance	32270.27054
wavelet-HLL	firstorder	10Percentile	-329.9720129
wavelet-HLL	firstorder	Kurtosis	5.326239784
wavelet-HLL	firstorder	Mean	-112.2142186
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.02912342
wavelet-HLL	glrlm	GrayLevelVariance	53.0661179
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.030061011
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.065545575
wavelet-HLL	glrlm	RunVariance	0.036700254
wavelet-HLL	glrlm	GrayLevelNonUniformity	4.481041823
wavelet-HLL	glrlm	LongRunEmphasis	1.116657818
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	659.0928574
wavelet-HLL	glrlm	RunLengthNonUniformity	63.44488031
wavelet-HLL	glrlm	ShortRunEmphasis	0.970835545
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	749.8956459
wavelet-HLL	glrlm	RunPercentage	0.963163597
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.033811373
wavelet-HLL	glrlm	RunEntropy	4.361099306
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	677.2534151
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.926599493
wavelet-HLL	glszm	GrayLevelVariance	59.66222222
wavelet-HLL	glszm	ZoneVariance	1.043950617
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.055802469
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wavelet-HLL	glszm	SizeZoneNonUniformity	22.02222222
wavelet-HLL	glszm	GrayLevelNonUniformity	2.511111111
wavelet-HLL	glszm	LargeAreaEmphasis	3.533333333
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	537.9186728
wavelet-HLL	glszm	ZonePercentage	0.633802817
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.095334505
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2276.933333
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	704.8222222
wavelet-HLL	glszm	SmallAreaEmphasis	0.725462963
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.024333534
wavelet-HLL	glszm	ZoneEntropy	4.880524763
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007170839
wavelet-HLL	ngtdm	Coarseness	0.063954717
wavelet-HLL	ngtdm	Complexity	1426.76404
wavelet-HLL	ngtdm	Strength	23.3833748
wavelet-HLL	ngtdm	Contrast	0.77809409
wavelet-HLL	ngtdm	Busyness	0.026883003
wavelet-LHL	gldm	GrayLevelVariance	161.4850228
wavelet-LHL	gldm	HighGrayLevelEmphasis	773.8732394
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wavelet-LHL	gldm	DependenceNonUniformity	35.56338028
wavelet-LHL	gldm	GrayLevelNonUniformity	2.690140845
wavelet-LHL	gldm	SmallDependenceEmphasis	0.717527387
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	612.2480438
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.50089268
wavelet-LHL	gldm	LargeDependenceEmphasis	2.38028169

wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025636543
wavelet-LHL	gldm	DependenceVariance	0.356675263
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1563.535211
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017259563
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.018841696
wavelet-LHL	glcm	JointAverage	23.33653507
wavelet-LHL	glcm	SumAverage	46.67307013
wavelet-LHL	glcm	JointEntropy	6.210947631
wavelet-LHL	glcm	ClusterShade	6890.943998
wavelet-LHL	glcm	MaximumProbability	0.0237283
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wavelet-LHL	glcm	JointEnergy	0.013950857
wavelet-LHL	glcm	Contrast	261.1594043
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wavelet-LHL	glcm	InverseVariance	0.117490553
wavelet-LHL	glcm	DifferenceVariance	115.8154662
wavelet-LHL	glcm	Idn	0.861076183
wavelet-LHL	glcm	Idm	0.103944929
wavelet-LHL	glcm	Correlation	0.16544264
wavelet-LHL	glcm	Autocorrelation	569.7826599
wavelet-LHL	glcm	SumEntropy	4.721573557
wavelet-LHL	glcm	SumSquares	155.6469323
wavelet-LHL	glcm	ClusterProminence	578857.4149
wavelet-LHL	glcm	Imc2	0.999357794
wavelet-LHL	glcm	Imc1	-0.70490831
wavelet-LHL	glcm	DifferenceAverage	11.47225691
wavelet-LHL	glcm	Id	0.184580276
wavelet-LHL	glcm	ClusterTendency	361.4283249
wavelet-LHL	firstorder	InterquartileRange	302.458106
wavelet-LHL	firstorder	Skewness	0.679282934
wavelet-LHL	firstorder	Uniformity	0.037889308
wavelet-LHL	firstorder	Median	-102.9665191
wavelet-LHL	firstorder	Energy	7250086.11
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	160.261282
wavelet-LHL	firstorder	MeanAbsoluteDeviation	241.0935378
wavelet-LHL	firstorder	TotalEnergy	195752325
wavelet-LHL	firstorder	Maximum	879.4434422
wavelet-LHL	firstorder	RootMeanSquared	319.5526387
wavelet-LHL	firstorder	90Percentile	467.0383757
wavelet-LHL	firstorder	Minimum	-638.3924239
wavelet-LHL	firstorder	Entropy	4.913851261
wavelet-LHL	firstorder	Range	1517.835866
wavelet-LHL	firstorder	Variance	100159.498
wavelet-LHL	firstorder	10Percentile	-411.1312106
wavelet-LHL	firstorder	Kurtosis	3.107220273
wavelet-LHL	firstorder	Mean	-44.20849351
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.019003482
wavelet-LHL	glrlm	GrayLevelVariance	162.5563931
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.019068536
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.037581282
wavelet-LHL	glrlm	RunVariance	0.016241146
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.625069929
wavelet-LHL	glrlm	LongRunEmphasis	1.049928333
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	770.136168

wavelet-LHL	glrlm	RunLengthNonUniformity	67.59404364
wavelet-LHL	glrlm	ShortRunEmphasis	0.987517917
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	805.7428928
wavelet-LHL	glrlm	RunPercentage	0.983748646
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.019328751
wavelet-LHL	glrlm	RunEntropy	4.959763366
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	777.257513
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.967517707
wavelet-LHL	glszm	GrayLevelVariance	178.5711097
wavelet-LHL	glszm	ZoneVariance	0.374681122
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.033163265
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.667729592
wavelet-LHL	glszm	SizeZoneNonUniformity	37.39285714
wavelet-LHL	glszm	GrayLevelNonUniformity	1.857142857
wavelet-LHL	glszm	LargeAreaEmphasis	1.982142857
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	738.93812
wavelet-LHL	glszm	ZonePercentage	0.788732394
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.026994719
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1391.660714
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	827.9107143
wavelet-LHL	glszm	SmallAreaEmphasis	0.84437004
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.022497104
wavelet-LHL	glszm	ZoneEntropy	5.31610894
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.021537371
wavelet-LHL	ngtdm	Coarseness	0.057841115
wavelet-LHL	ngtdm	Complexity	5440.648359
wavelet-LHL	ngtdm	Strength	47.10385526
wavelet-LHL	ngtdm	Contrast	2.223991837
wavelet-LHL	ngtdm	Busyness	0.028020009
wavelet-LHH	gldm	GrayLevelVariance	31.16524499
wavelet-LHH	gldm	HighGrayLevelEmphasis	267.7183099
wavelet-LHH	gldm	DependenceEntropy	4.918985458
wavelet-LHH	gldm	DependenceNonUniformity	23.61971831
wavelet-LHH	gldm	GrayLevelNonUniformity	5.535211268
wavelet-LHH	gldm	SmallDependenceEmphasis	0.589099059
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	162.7703404
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.332672089
wavelet-LHH	gldm	LargeDependenceEmphasis	7.338028169
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053769607
wavelet-LHH	gldm	DependenceVariance	2.694306685
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1691.830986
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019728931
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.021998281
wavelet-LHH	glcm	JointAverage	15.54808041
wavelet-LHH	glcm	SumAverage	31.09616083
wavelet-LHH	glcm	JointEntropy	5.868219688
wavelet-LHH	glcm	ClusterShade	-115.5749834
wavelet-LHH	glcm	MaximumProbability	0.054868405
wavelet-LHH	glcm	Idmn	0.935649684
wavelet-LHH	glcm	JointEnergy	0.019968595
wavelet-LHH	glcm	Contrast	63.95796441
wavelet-LHH	glcm	DifferenceEntropy	3.563977952
wavelet-LHH	glcm	InverseVariance	0.177772406
wavelet-LHH	glcm	DifferenceVariance	27.50510331

wavelet-LHH	glcm	Idn	0.841985601
wavelet-LHH	glcm	Idm	0.188421741
wavelet-LHH	glcm	Correlation	-0.051661387
wavelet-LHH	glcm	Autocorrelation	240.2774598
wavelet-LHH	glcm	SumEntropy	4.166431338
wavelet-LHH	glcm	SumSquares	30.44023933
wavelet-LHH	glcm	ClusterProminence	12510.6307
wavelet-LHH	glcm	Imc2	0.993381042
wavelet-LHH	glcm	Imc1	-0.545841684
wavelet-LHH	glcm	DifferenceAverage	5.97184612
wavelet-LHH	glcm	Id	0.274881226
wavelet-LHH	glcm	ClusterTendency	57.80299293
wavelet-LHH	firstorder	InterquartileRange	147.5905706
wavelet-LHH	firstorder	Skewness	-0.087182929
wavelet-LHH	firstorder	Uniformity	0.077960722
wavelet-LHH	firstorder	Median	-28.5893687
wavelet-LHH	firstorder	Energy	1367507.423
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	68.78812182
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.2287247
wavelet-LHH	firstorder	TotalEnergy	36922700.41
wavelet-LHH	firstorder	Maximum	303.8963168
wavelet-LHH	firstorder	RootMeanSquared	138.7828085
wavelet-LHH	firstorder	90Percentile	166.8593027
wavelet-LHH	firstorder	Minimum	-357.0488907
wavelet-LHH	firstorder	Entropy	4.13352965
wavelet-LHH	firstorder	Range	660.9452075
wavelet-LHH	firstorder	Variance	19253.00568
wavelet-LHH	firstorder	10Percentile	-183.5315165
wavelet-LHH	firstorder	Kurtosis	3.080762699
wavelet-LHH	firstorder	Mean	-2.76807573
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.022626554
wavelet-LHH	glrlm	GrayLevelVariance	32.19541698
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.022796679
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.072222794
wavelet-LHH	glrlm	RunVariance	0.051192668
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.904043692
wavelet-LHH	glrlm	LongRunEmphasis	1.148794699
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	261.2026378
wavelet-LHH	glrlm	RunLengthNonUniformity	62.31949903
wavelet-LHH	glrlm	ShortRunEmphasis	0.966688141
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	304.1306567
wavelet-LHH	glrlm	RunPercentage	0.955579632
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.023556503
wavelet-LHH	glrlm	RunEntropy	4.331830911
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	269.1787889
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.917310496
wavelet-LHH	glszm	GrayLevelVariance	41.02504726
wavelet-LHH	glszm	ZoneVariance	3.856805293
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.056710775
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.661625709
wavelet-LHH	glszm	SizeZoneNonUniformity	30.43478261
wavelet-LHH	glszm	GrayLevelNonUniformity	2.608695652
wavelet-LHH	glszm	LargeAreaEmphasis	6.239130435
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	232.0472524

wavelet-LHH	glszm	ZonePercentage	0.647887324
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.057770289
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1416.608696
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	278.5869565
wavelet-LHH	glszm	SmallAreaEmphasis	0.837822267
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.031049443
wavelet-LHH	glszm	ZoneEntropy	4.602593957
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.030026238
wavelet-LHH	ngtdm	Coarseness	0.064794339
wavelet-LHH	ngtdm	Complexity	1051.17563
wavelet-LHH	ngtdm	Strength	13.55675703
wavelet-LHH	ngtdm	Contrast	0.520025135
wavelet-LHH	ngtdm	Busyness	0.045718239
wavelet-LLH	gldm	GrayLevelVariance	150.3503273
wavelet-LLH	gldm	HighGrayLevelEmphasis	824.1549296
wavelet-LLH	gldm	DependenceEntropy	5.381728457
wavelet-LLH	gldm	DependenceNonUniformity	38.66197183
wavelet-LLH	gldm	GrayLevelNonUniformity	2.521126761
wavelet-LLH	gldm	SmallDependenceEmphasis	0.764475743
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	628.2175274
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.544534815
wavelet-LLH	gldm	LargeDependenceEmphasis	2.38028169
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023114035
wavelet-LLH	gldm	DependenceVariance	0.436024598
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1787.309859
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01847142
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.019091741
wavelet-LLH	glcm	JointAverage	25.68822193
wavelet-LLH	glcm	SumAverage	51.37644385
wavelet-LLH	glcm	JointEntropy	6.206454843
wavelet-LLH	glcm	ClusterShade	1401.268215
wavelet-LLH	glcm	MaximumProbability	0.023554378
wavelet-LLH	glcm	Idmn	0.93610182
wavelet-LLH	glcm	JointEnergy	0.013945758
wavelet-LLH	glcm	Contrast	226.6487127
wavelet-LLH	glcm	DifferenceEntropy	4.182734734
wavelet-LLH	glcm	InverseVariance	0.097812084
wavelet-LLH	glcm	DifferenceVariance	80.14573904
wavelet-LLH	glcm	Idn	0.836099348
wavelet-LLH	glcm	Idm	0.085264058
wavelet-LLH	glcm	Correlation	0.139644006
wavelet-LLH	glcm	Autocorrelation	678.6950396
wavelet-LLH	glcm	SumEntropy	4.781298794
wavelet-LLH	glcm	SumSquares	131.6776279
wavelet-LLH	glcm	ClusterProminence	267439.1489
wavelet-LLH	glcm	Imc2	0.999581354
wavelet-LLH	glcm	Imc1	-0.733555279
wavelet-LLH	glcm	DifferenceAverage	11.78386353
wavelet-LLH	glcm	Id	0.161705488
wavelet-LLH	glcm	ClusterTendency	300.0617989
wavelet-LLH	firstorder	InterquartileRange	435.4610513
wavelet-LLH	firstorder	Skewness	0.232545232
wavelet-LLH	firstorder	Uniformity	0.035508828
wavelet-LLH	firstorder	Median	-93.06445552



wavelet-LLH	firstorder	Energy	6935256.469
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	180.8554017
wavelet-LLH	firstorder	MeanAbsoluteDeviation	248.953624
wavelet-LLH	firstorder	TotalEnergy	187251924.7
wavelet-LLH	firstorder	Maximum	627.6459082
wavelet-LLH	firstorder	RootMeanSquared	312.5374675
wavelet-LLH	firstorder	90Percentile	383.5985633
wavelet-LLH	firstorder	Minimum	-679.871098
wavelet-LLH	firstorder	Entropy	5.042293732
wavelet-LLH	firstorder	Range	1307.517006
wavelet-LLH	firstorder	Variance	93784.55185
wavelet-LLH	firstorder	10Percentile	-438.0927072
wavelet-LLH	firstorder	Kurtosis	2.406740566
wavelet-LLH	firstorder	Mean	-62.41087026
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.019316237
wavelet-LLH	glrlm	GrayLevelVariance	150.9016292
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.019349411
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.035229637
wavelet-LLH	glrlm	RunVariance	0.015130716
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.463882188
wavelet-LLH	glrlm	LongRunEmphasis	1.047439517
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	816.4302682
wavelet-LLH	glrlm	RunLengthNonUniformity	67.86085509
wavelet-LLH	glrlm	ShortRunEmphasis	0.988140121
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	860.9099081
wavelet-LLH	glrlm	RunPercentage	0.984832069
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.019482106
wavelet-LLH	glrlm	RunEntropy	5.083285344
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	825.3261962
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.969738568
wavelet-LLH	glszm	GrayLevelVariance	156.6538351
wavelet-LLH	glszm	ZoneVariance	0.263717323
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032461936
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.731111749
wavelet-LLH	glszm	SizeZoneNonUniformity	43.13559322
wavelet-LLH	glszm	GrayLevelNonUniformity	1.915254237
wavelet-LLH	glszm	LargeAreaEmphasis	1.711864407
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	718.8474576
wavelet-LLH	glszm	ZonePercentage	0.830985915
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.024380143
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1362.152542
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	828.2542373
wavelet-LLH	glszm	SmallAreaEmphasis	0.878531073
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.022434568
wavelet-LLH	glszm	ZoneEntropy	5.356887964
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022128651
wavelet-LLH	ngtdm	Coarseness	0.052120713
wavelet-LLH	ngtdm	Complexity	6408.818981
wavelet-LLH	ngtdm	Strength	43.38824418
wavelet-LLH	ngtdm	Contrast	1.822963925
wavelet-LLH	ngtdm	Busyness	0.024159732
wavelet-LLL	gldm	GrayLevelVariance	478.2638365
wavelet-LLL	gldm	HighGrayLevelEmphasis	3221.957746
wavelet-LLL	gldm	DependenceEntropy	5.593271415

wavelet-LLL	gldm	DependenceNonUniformity	39.16901408
wavelet-LLL	gldm	GrayLevelNonUniformity	1.873239437
wavelet-LLL	gldm	SmallDependenceEmphasis	0.768388106
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2371.801252
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.551676255
wavelet-LLL	gldm	LargeDependenceEmphasis	2.23943662
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018535845
wavelet-LLL	gldm	DependenceVariance	0.372941877
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	8005.619718
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016181604
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.016623079
wavelet-LLL	glcm	JointAverage	57.18079731
wavelet-LLL	glcm	SumAverage	114.3615946
wavelet-LLL	glcm	JointEntropy	6.225370529
wavelet-LLL	glcm	ClusterShade	-22065.12569
wavelet-LLL	glcm	MaximumProbability	0.024415364
wavelet-LLL	glcm	Idmn	0.942855397
wavelet-LLL	glcm	JointEnergy	0.013733135
wavelet-LLL	glcm	Contrast	561.1408995
wavelet-LLL	glcm	DifferenceEntropy	4.450510635
wavelet-LLL	glcm	InverseVariance	0.048977329
wavelet-LLL	glcm	DifferenceVariance	214.0667362
wavelet-LLL	glcm	Idn	0.845391199
wavelet-LLL	glcm	Idm	0.059471547
wavelet-LLL	glcm	Correlation	0.289445267
wavelet-LLL	glcm	Autocorrelation	3384.491652
wavelet-LLL	glcm	SumEntropy	4.986786152
wavelet-LLL	glcm	SumSquares	394.6596225
wavelet-LLL	glcm	ClusterProminence	2994677.5
wavelet-LLL	glcm	Imc2	0.999845886
wavelet-LLL	glcm	Imc1	-0.790392968
wavelet-LLL	glcm	DifferenceAverage	18.47129966
wavelet-LLL	glcm	Id	0.125467156
wavelet-LLL	glcm	ClusterTendency	1017.497591
wavelet-LLL	firstorder	InterquartileRange	941.708469
wavelet-LLL	firstorder	Skewness	-0.485920568
wavelet-LLL	firstorder	Uniformity	0.026383654
wavelet-LLL	firstorder	Median	-216.2930672
wavelet-LLL	firstorder	Energy	28826559.08
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	348.4840316
wavelet-LLL	firstorder	MeanAbsoluteDeviation	459.6220885
wavelet-LLL	firstorder	TotalEnergy	778317095.3
wavelet-LLL	firstorder	Maximum	630.7945309
wavelet-LLL	firstorder	RootMeanSquared	637.187472
wavelet-LLL	firstorder	90Percentile	284.0117715
wavelet-LLL	firstorder	Minimum	-1619.167772
wavelet-LLL	firstorder	Entropy	5.42052969
wavelet-LLL	firstorder	Range	2249.962303
wavelet-LLL	firstorder	Variance	298716.2473
wavelet-LLL	firstorder	10Percentile	-1021.237479
wavelet-LLL	firstorder	Kurtosis	2.322410726
wavelet-LLL	firstorder	Mean	-327.5540065
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.016822646
wavelet-LLL	glrlm	GrayLevelVariance	476.3835751

wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.016840747
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.026198764
wavelet-LLL	glrlm	RunVariance	0.014064314
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.834315539
wavelet-LLL	glrlm	LongRunEmphasis	1.04363871
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3172.177253
wavelet-LLL	glrlm	RunLengthNonUniformity	68.06556563
wavelet-LLL	glrlm	ShortRunEmphasis	0.989090322
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3379.279797
wavelet-LLL	glrlm	RunPercentage	0.985915493
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.016913152
wavelet-LLL	glrlm	RunEntropy	5.447672434
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3213.597762
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.971871372
wavelet-LLL	glszm	GrayLevelVariance	450.8296467
wavelet-LLL	glszm	ZoneVariance	0.263717323
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024418271
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.731111749
wavelet-LLL	glszm	SizeZoneNonUniformity	43.13559322
wavelet-LLL	glszm	GrayLevelNonUniformity	1.440677966
wavelet-LLL	glszm	LargeAreaEmphasis	1.711864407
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2694.533898
wavelet-LLL	glszm	ZonePercentage	0.830985915
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.020805762
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5738.559322
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3135.474576
wavelet-LLL	glszm	SmallAreaEmphasis	0.878531073
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.01963676
wavelet-LLL	glszm	ZoneEntropy	5.5647636
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019381817
wavelet-LLL	ngtdm	Coarseness	0.04238031
wavelet-LLL	ngtdm	Complexity	20048.58628
wavelet-LLL	ngtdm	Strength	99.366711
wavelet-LLL	ngtdm	Contrast	5.688985879
wavelet-LLL	ngtdm	Busyness	0.012029543
wavelet-HHL	gldm	GrayLevelVariance	13.84130133
wavelet-HHL	gldm	HighGrayLevelEmphasis	101.8309859
wavelet-HHL	gldm	DependenceEntropy	4.864053985
wavelet-HHL	gldm	DependenceNonUniformity	22.23943662
wavelet-HHL	gldm	GrayLevelNonUniformity	5.647887324
wavelet-HHL	gldm	SmallDependenceEmphasis	0.503595462
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	47.13562598
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.313231502
wavelet-HHL	gldm	LargeDependenceEmphasis	4.746478873
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.095859532
wavelet-HHL	gldm	DependenceVariance	0.913707598
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	491.1830986
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.041827103
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.048504919
wavelet-HHL	glcm	JointAverage	9.563991458
wavelet-HHL	glcm	SumAverage	19.12798292
wavelet-HHL	glcm	JointEntropy	5.830497388
wavelet-HHL	glcm	ClusterShade	-12.47196617
wavelet-HHL	glcm	MaximumProbability	0.038344568

wavelet-HHL	glcm	Idmn	0.941584472
wavelet-HHL	glcm	JointEnergy	0.019521097
wavelet-HHL	glcm	Contrast	27.43316916
wavelet-HHL	glcm	DifferenceEntropy	3.171242402
wavelet-HHL	glcm	InverseVariance	0.233539718
wavelet-HHL	glcm	DifferenceVariance	9.410035439
wavelet-HHL	glcm	Idn	0.839964109
wavelet-HHL	glcm	Idm	0.208048506
wavelet-HHL	glcm	Correlation	-0.029140636
wavelet-HHL	glcm	Autocorrelation	91.08689592
wavelet-HHL	glcm	SumEntropy	3.856904824
wavelet-HHL	glcm	SumSquares	13.30140088
wavelet-HHL	glcm	ClusterProminence	2086.73222
wavelet-HHL	glcm	Imc2	0.9802353
wavelet-HHL	glcm	Imc1	-0.443572215
wavelet-HHL	glcm	DifferenceAverage	4.188885892
wavelet-HHL	glcm	Id	0.300633081
wavelet-HHL	glcm	ClusterTendency	25.77243437
wavelet-HHL	firstorder	InterquartileRange	119.1686032
wavelet-HHL	firstorder	Skewness	-0.107732412
wavelet-HHL	firstorder	Uniformity	0.079547709
wavelet-HHL	firstorder	Median	1.309383514
wavelet-HHL	firstorder	Energy	585248.8758
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.78942131
wavelet-HHL	firstorder	MeanAbsoluteDeviation	73.27139869
wavelet-HHL	firstorder	TotalEnergy	15801719.65
wavelet-HHL	firstorder	Maximum	262.5515873
wavelet-HHL	firstorder	RootMeanSquared	90.79064882
wavelet-HHL	firstorder	90Percentile	100.6106348
wavelet-HHL	firstorder	Minimum	-220.881478
wavelet-HHL	firstorder	Entropy	3.811859573
wavelet-HHL	firstorder	Range	483.4330653
wavelet-HHL	firstorder	Variance	8238.017405
wavelet-HHL	firstorder	10Percentile	-122.8785854
wavelet-HHL	firstorder	Kurtosis	3.118275858
wavelet-HHL	firstorder	Mean	-2.219123328
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.049512369
wavelet-HHL	glrlm	GrayLevelVariance	14.10934805
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.049878974
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.079523546
wavelet-HHL	glrlm	RunVariance	0.039028064
wavelet-HHL	glrlm	GrayLevelNonUniformity	5.438534775
wavelet-HHL	glrlm	LongRunEmphasis	1.118227463
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	98.64863835
wavelet-HHL	glrlm	RunLengthNonUniformity	63.54366975
wavelet-HHL	glrlm	ShortRunEmphasis	0.971718807
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	114.1513217
wavelet-HHL	glrlm	RunPercentage	0.963163597
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.051408393
wavelet-HHL	glrlm	RunEntropy	3.934375526
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	101.6665114
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.92852406
wavelet-HHL	glszm	GrayLevelVariance	18.02498513
wavelet-HHL	glszm	ZoneVariance	1.708506841

wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.076740036
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.500297442
wavelet-HHL	glszm	SizeZoneNonUniformity	20.51219512
wavelet-HHL	glszm	GrayLevelNonUniformity	3.146341463
wavelet-HHL	glszm	LargeAreaEmphasis	4.707317073
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	65.13779133
wavelet-HHL	glszm	ZonePercentage	0.577464789
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.117902951
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	510.3414634
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	95.12195122
wavelet-HHL	glszm	SmallAreaEmphasis	0.729173442
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.074681015
wavelet-HHL	glszm	ZoneEntropy	4.454636151
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.07057344
wavelet-HHL	ngtdm	Coarseness	0.065377428
wavelet-HHL	ngtdm	Complexity	351.433948
wavelet-HHL	ngtdm	Strength	6.000867469
wavelet-HHL	ngtdm	Contrast	0.334649876
wavelet-HHL	ngtdm	Busyness	0.111866681
wavelet-HLH	gldm	GrayLevelVariance	62.1019639
wavelet-HLH	gldm	HighGrayLevelEmphasis	415.6478873
wavelet-HLH	gldm	DependenceEntropy	5.188273
wavelet-HLH	gldm	DependenceNonUniformity	30.18309859
wavelet-HLH	gldm	GrayLevelNonUniformity	3.732394366
wavelet-HLH	gldm	SmallDependenceEmphasis	0.596733177
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	258.586561
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.425114065
wavelet-HLH	gldm	LargeDependenceEmphasis	3.084507042
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031095278
wavelet-HLH	gldm	DependenceVariance	0.461019639
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1198.183099
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.021565875
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.023154349
wavelet-HLH	glcm	JointAverage	18.65196326
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wavelet-HLH	glcm	JointEntropy	6.108576771
wavelet-HLH	glcm	ClusterShade	474.5581918
wavelet-HLH	glcm	MaximumProbability	0.028447862
wavelet-HLH	glcm	Idmn	0.944150769
wavelet-HLH	glcm	JointEnergy	0.015212181
wavelet-HLH	glcm	Contrast	123.1241172
wavelet-HLH	glcm	DifferenceEntropy	3.875894966
wavelet-HLH	glcm	InverseVariance	0.14027032
wavelet-HLH	glcm	DifferenceVariance	52.2238699
wavelet-HLH	glcm	Idn	0.852363852
wavelet-HLH	glcm	Idm	0.130988314
wavelet-HLH	glcm	Correlation	-0.069911548
wavelet-HLH	glcm	Autocorrelation	344.066233
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wavelet-HLH	glcm	SumSquares	57.62247533
wavelet-HLH	glcm	ClusterProminence	48410.94429
wavelet-HLH	glcm	Imc2	0.998109248
wavelet-HLH	glcm	Imc1	-0.631420482
wavelet-HLH	glcm	DifferenceAverage	8.214688602

wavelet-HLH	glcm	Id	0.217251834
wavelet-HLH	glcm	ClusterTendency	107.3657841
wavelet-HLH	firstorder	InterquartileRange	188.0114966
wavelet-HLH	firstorder	Skewness	0.354162973
wavelet-HLH	firstorder	Uniformity	0.052568935
wavelet-HLH	firstorder	Median	-0.95304272
wavelet-HLH	firstorder	Energy	2736684.217
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	89.05461686
wavelet-HLH	firstorder	MeanAbsoluteDeviation	143.7737016
wavelet-HLH	firstorder	TotalEnergy	73890473.86
wavelet-HLH	firstorder	Maximum	580.9575225
wavelet-HLH	firstorder	RootMeanSquared	196.3284191
wavelet-HLH	firstorder	90Percentile	259.0909417
wavelet-HLH	firstorder	Minimum	-442.725173
wavelet-HLH	firstorder	Entropy	4.559692852
wavelet-HLH	firstorder	Range	1023.682696
wavelet-HLH	firstorder	Variance	38479.33418
wavelet-HLH	firstorder	10Percentile	-237.6666084
wavelet-HLH	firstorder	Kurtosis	3.703039916
wavelet-HLH	firstorder	Mean	8.094068562
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.02355879
wavelet-HLH	glrlm	GrayLevelVariance	62.88041365
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.023630475
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.051913014
wavelet-HLH	glrlm	RunVariance	0.023802291
wavelet-HLH	glrlm	GrayLevelNonUniformity	3.598165411
wavelet-HLH	glrlm	LongRunEmphasis	1.074073241
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	409.4261346
wavelet-HLH	glrlm	RunLengthNonUniformity	66.04459496
wavelet-HLH	glrlm	ShortRunEmphasis	0.98148169
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	444.7501664
wavelet-HLH	glrlm	RunPercentage	0.97616468
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.023917214
wavelet-HLH	glrlm	RunEntropy	4.63505535
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	416.4909409
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.952395419
wavelet-HLH	glszm	GrayLevelVariance	74.8544
wavelet-HLH	glszm	ZoneVariance	0.5636
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.0432
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.532
wavelet-HLH	glszm	SizeZoneNonUniformity	26.6
wavelet-HLH	glszm	GrayLevelNonUniformity	2.16
wavelet-HLH	glszm	LargeAreaEmphasis	2.58
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	329.9338
wavelet-HLH	glszm	ZonePercentage	0.704225352
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037237782
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1016.42
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	429.8
wavelet-HLH	glszm	SmallAreaEmphasis	0.750244444
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.031232899
wavelet-HLH	glszm	ZoneEntropy	5.18875844
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.030233811
wavelet-HLH	ngtdm	Coarseness	0.070094755
wavelet-HLH	ngtdm	Complexity	2418.600126

wavelet-HLH	ngtdm	Strength	23.39818883
wavelet-HLH	ngtdm	Contrast	0.900096815
wavelet-HLH	ngtdm	Busyness	0.028793979

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	be322508a9b9916f699d1a00b4aaeca060a65422
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	272
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original	shape	SurfaceVolumeRatio	0.324828713
original	shape	Volume	7344
original	shape	MajorAxis	30.36141468
original	shape	SurfaceArea	2385.542069
original	shape	Flatness	0.530007084
original	shape	LeastAxis	16.09176488
original	shape	Maximum2DDiameterColumn	30.88689042
original	shape	Maximum2DDiameterRow	30.88689042
original	gldm	GrayLevelVariance	88.89224697
original	gldm	HighGrayLevelEmphasis	694.5588235
original	gldm	DependenceEntropy	6.000101022
original	gldm	DependenceNonUniformity	65.85294118
original	gldm	GrayLevelNonUniformity	16.71323529
original	gldm	SmallDependenceEmphasis	0.489107807
original	gldm	SmallDependenceHighGrayLevelEmphasis	225.0925189
original	gldm	DependenceNonUniformityNormalized	0.242106401
original	gldm	LargeDependenceEmphasis	12.99264706
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.04820122
original	gldm	DependenceVariance	5.349048443
original	gldm	LargeDependenceHighGrayLevelEmphasis	13008.69118
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.006009638
original	gldm	LowGrayLevelEmphasis	0.012474062
original	glcm	JointAverage	26.3639189
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original	glcm	ClusterShade	-2484.991595



original	glcm	MaximumProbability	0.047401507
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original	glcm	Contrast	123.4162196
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original	glcm	InverseVariance	0.199444272
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original	glcm	Idn	0.839399533
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original	glcm	ClusterProminence	109856.9813
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original	glcm	ClusterTendency	180.8919295
original	firstorder	InterquartileRange	365
original	firstorder	Skewness	-0.850995418
original	firstorder	Uniformity	0.061445718
original	firstorder	Median	-74
original	firstorder	Energy	23198518
original	firstorder	RobustMeanAbsoluteDeviation	156.4637601
original	firstorder	MeanAbsoluteDeviation	202.2132353
original	firstorder	TotalEnergy	626359986
original	firstorder	Maximum	83
original	firstorder	RootMeanSquared	292.0422386
original	firstorder	90Percentile	42
original	firstorder	Minimum	-763
original	firstorder	Entropy	4.550910091
original	firstorder	Range	846
original	firstorder	Variance	55273.10662
original	firstorder	10Percentile	-568.5
original	firstorder	Kurtosis	2.37647555
original	firstorder	Mean	-173.25
original	glrlm	ShortRunLowGrayLevelEmphasis	0.012691911
original	glrlm	GrayLevelVariance	90.34737372
original	glrlm	LowGrayLevelRunEmphasis	0.012987165
original	glrlm	GrayLevelNonUniformityNormalized	0.054648929
original	glrlm	RunVariance	0.092639107
original	glrlm	GrayLevelNonUniformity	13.86578882
original	glrlm	LongRunEmphasis	1.245278221
original	glrlm	ShortRunHighGrayLevelEmphasis	624.6138463
original	glrlm	RunLengthNonUniformity	223.6062556
original	glrlm	ShortRunEmphasis	0.951422945
original	glrlm	LongRunHighGrayLevelEmphasis	918.023062
original	glrlm	RunPercentage	0.932126697
original	glrlm	LongRunLowGrayLevelEmphasis	0.014216594
original	glrlm	RunEntropy	4.894543169
original	glrlm	HighGrayLevelRunEmphasis	672.5442939
original	glrlm	RunLengthNonUniformityNormalized	0.881257922
original	glszm	GrayLevelVariance	84.8288897
original	glszm	ZoneVariance	15.35208181
original	glszm	GrayLevelNonUniformityNormalized	0.035336012

original	glszm	SizeZoneNonUniformityNormalized	0.604090577
original	glszm	SizeZoneNonUniformity	89.40540541
original	glszm	GrayLevelNonUniformity	5.22972973
original	glszm	LargeAreaEmphasis	18.72972973
original	glszm	SmallAreaHighGrayLevelEmphasis	333.4344029
original	glszm	ZonePercentage	0.544117647
original	glszm	LargeAreaLowGrayLevelEmphasis	0.053625642
original	glszm	LargeAreaHighGrayLevelEmphasis	19052.09459
original	glszm	HighGrayLevelZoneEmphasis	481.0540541
original	glszm	SmallAreaEmphasis	0.80432554
original	glszm	LowGrayLevelZoneEmphasis	0.014788722
original	glszm	ZoneEntropy	5.588657742
original	glszm	SmallAreaLowGrayLevelEmphasis	0.009136076
original	ngtdm	Coarseness	0.011966739
original	ngtdm	Complexity	3154.055796
original	ngtdm	Strength	8.666666358
original	ngtdm	Contrast	1.023108161
original	ngtdm	Busyness	0.079620238
wavelet-HHH	gldm	GrayLevelVariance	14.15429012
wavelet-HHH	gldm	HighGrayLevelEmphasis	170.6801471
wavelet-HHH	gldm	DependenceEntropy	5.651613322
wavelet-HHH	gldm	DependenceNonUniformity	66.55147059
wavelet-HHH	gldm	GrayLevelNonUniformity	21.88970588
wavelet-HHH	gldm	SmallDependenceEmphasis	0.447051805
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	78.86710241
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.244674524
wavelet-HHH	gldm	LargeDependenceEmphasis	7.75
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.057212738
wavelet-HHH	gldm	DependenceVariance	2.109375
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1351.628676
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008921108
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.01301528
wavelet-HHH	glcm	JointAverage	12.49245942
wavelet-HHH	glcm	SumAverage	24.98491884
wavelet-HHH	glcm	JointEntropy	7.038319328
wavelet-HHH	glcm	ClusterShade	-1.238873634
wavelet-HHH	glcm	MaximumProbability	0.026928835
wavelet-HHH	glcm	ldmn	0.95714206
wavelet-HHH	glcm	JointEnergy	0.009432476
wavelet-HHH	glcm	Contrast	28.3473405
wavelet-HHH	glcm	DifferenceEntropy	3.429444745
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wavelet-HHH	glcm	ldn	0.861854346
wavelet-HHH	glcm	ldm	0.209661551
wavelet-HHH	glcm	Correlation	-0.033973523
wavelet-HHH	glcm	Autocorrelation	155.5988507
wavelet-HHH	glcm	SumEntropy	4.22689099
wavelet-HHH	glcm	SumSquares	13.70494562
wavelet-HHH	glcm	ClusterProminence	2309.798055
wavelet-HHH	glcm	lmc2	0.86635639
wavelet-HHH	glcm	lmc1	-0.180307847
wavelet-HHH	glcm	DifferenceAverage	4.191788617
wavelet-HHH	glcm	ld	0.304161259
wavelet-HHH	glcm	ClusterTendency	26.47244198
wavelet-HHH	firstorder	InterquartileRange	113.5482204

wavelet-HHH	firstorder	Skewness	0.016531436
wavelet-HHH	firstorder	Uniformity	0.08047686
wavelet-HHH	firstorder	Median	0.538218723
wavelet-HHH	firstorder	Energy	2366460.237
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.02252791
wavelet-HHH	firstorder	MeanAbsoluteDeviation	72.64352997
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wavelet-HHH	firstorder	Maximum	289.6552972
wavelet-HHH	firstorder	RootMeanSquared	93.27497767
wavelet-HHH	firstorder	90Percentile	104.0932367
wavelet-HHH	firstorder	Minimum	-285.7346407
wavelet-HHH	firstorder	Entropy	3.891127841
wavelet-HHH	firstorder	Range	575.3899379
wavelet-HHH	firstorder	Variance	8700.204559
wavelet-HHH	firstorder	10Percentile	-123.266337
wavelet-HHH	firstorder	Kurtosis	3.424077358
wavelet-HHH	firstorder	Mean	0.130000248
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.013081487
wavelet-HHH	grlm	GrayLevelVariance	14.64471229
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.013361053
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.078550747
wavelet-HHH	grlm	RunVariance	0.05809685
wavelet-HHH	grlm	GrayLevelNonUniformity	20.23903411
wavelet-HHH	grlm	LongRunEmphasis	1.174077858
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	163.7052813
wavelet-HHH	grlm	RunLengthNonUniformity	231.7782544
wavelet-HHH	grlm	ShortRunEmphasis	0.959503582
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	200.5388156
wavelet-HHH	grlm	RunPercentage	0.947115385
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.014550714
wavelet-HHH	grlm	RunEntropy	4.173363499
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	170.6344659
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wavelet-HHH	glszm	ZonePercentage	0.492647059
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.082537678
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	2156.231343
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	171.0447761
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.019106127
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016897408
wavelet-HHH	ngtdm	Coarseness	0.02125864
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wavelet-HLL	gldm	HighGrayLevelEmphasis	673.8639706

wavelet-HLL	gldm	DependenceEntropy	6.156114452
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	419.7380392
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.354076557
wavelet-HLL	gldm	LargeDependenceEmphasis	4.816176471
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013742772
wavelet-HLL	gldm	DependenceVariance	1.355482266
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3072.761029
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005207015
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006137794
wavelet-HLL	glcm	JointAverage	24.48866821
wavelet-HLL	glcm	SumAverage	48.97733643
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wavelet-HLL	glcm	ClusterShade	460.1501799
wavelet-HLL	glcm	MaximumProbability	0.014883484
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wavelet-HLL	glcm	JointEnergy	0.004747969
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wavelet-HLL	glcm	DifferenceEntropy	4.170523106
wavelet-HLL	glcm	InverseVariance	0.139457885
wavelet-HLL	glcm	DifferenceVariance	35.53308678
wavelet-HLL	glcm	Idn	0.870434801
wavelet-HLL	glcm	Idm	0.134114278
wavelet-HLL	glcm	Correlation	0.222219416
wavelet-HLL	glcm	Autocorrelation	613.7080881
wavelet-HLL	glcm	SumEntropy	5.339608152
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wavelet-HLL	glcm	ClusterProminence	70009.81447
wavelet-HLL	glcm	Imc2	0.983635398
wavelet-HLL	glcm	Imc1	-0.35665218
wavelet-HLL	glcm	DifferenceAverage	7.471402694
wavelet-HLL	glcm	Id	0.220910657
wavelet-HLL	glcm	ClusterTendency	149.1778536
wavelet-HLL	firstorder	InterquartileRange	251.1638744
wavelet-HLL	firstorder	Skewness	0.168318438
wavelet-HLL	firstorder	Uniformity	0.039332829
wavelet-HLL	firstorder	Median	-74.68075425
wavelet-HLL	firstorder	Energy	12575180.03
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	110.9520365
wavelet-HLL	firstorder	MeanAbsoluteDeviation	162.104719
wavelet-HLL	firstorder	TotalEnergy	339529860.8
wavelet-HLL	firstorder	Maximum	468.5521661
wavelet-HLL	firstorder	RootMeanSquared	215.0169284
wavelet-HLL	firstorder	90Percentile	203.5798438
wavelet-HLL	firstorder	Minimum	-657.9910184
wavelet-HLL	firstorder	Entropy	4.921705032
wavelet-HLL	firstorder	Range	1126.543184
wavelet-HLL	firstorder	Variance	41135.65937
wavelet-HLL	firstorder	10Percentile	-326.790727
wavelet-HLL	firstorder	Kurtosis	2.889890857
wavelet-HLL	firstorder	Mean	-71.39061664
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006222677
wavelet-HLL	glrlm	GrayLevelVariance	67.01719802
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.006276319

wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.038427395
wavelet-HLL	glrlm	RunVariance	0.034217213
wavelet-HLL	glrlm	GrayLevelNonUniformity	10.1071199
wavelet-HLL	glrlm	LongRunEmphasis	1.104229821
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	659.7913633
wavelet-HLL	glrlm	RunLengthNonUniformity	245.9566038
wavelet-HLL	glrlm	ShortRunEmphasis	0.974598767
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	740.6049406
wavelet-HLL	glrlm	RunPercentage	0.966911765
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.006495153
wavelet-HLL	glrlm	RunEntropy	5.083013838
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	675.6057415
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.934966097
wavelet-HLL	glszm	GrayLevelVariance	81.11638839
wavelet-HLL	glszm	ZoneVariance	1.763804524
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.033912274
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.583712341
wavelet-HLL	glszm	SizeZoneNonUniformity	105.6519337
wavelet-HLL	glszm	GrayLevelNonUniformity	6.138121547
wavelet-HLL	glszm	LargeAreaEmphasis	4.022099448
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	573.8367001
wavelet-HLL	glszm	ZonePercentage	0.665441176
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013980381
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2639.176796
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	702.5303867
wavelet-HLL	glszm	SmallAreaEmphasis	0.792311266
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.008120778
wavelet-HLL	glszm	ZoneEntropy	5.844111962
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007611466
wavelet-HLL	ngtdm	Coarseness	0.022891387
wavelet-HLL	ngtdm	Complexity	3143.984496
wavelet-HLL	ngtdm	Strength	11.54962257
wavelet-HLL	ngtdm	Contrast	0.445244877
wavelet-HLL	ngtdm	Busyness	0.051712544
wavelet-LHL	gldm	GrayLevelVariance	123.0274654
wavelet-LHL	gldm	HighGrayLevelEmphasis	1149.852941
wavelet-LHL	gldm	DependenceEntropy	6.356839326
wavelet-LHL	gldm	DependenceNonUniformity	108.4191176
wavelet-LHL	gldm	GrayLevelNonUniformity	8.007352941
wavelet-LHL	gldm	SmallDependenceEmphasis	0.627024101
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	771.6590339
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.398599697
wavelet-LHL	gldm	LargeDependenceEmphasis	3.485294118
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008599918
wavelet-LHL	gldm	DependenceVariance	0.72383218
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3443.588235
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004791264
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005263919
wavelet-LHL	glcm	JointAverage	31.42395595
wavelet-LHL	glcm	SumAverage	62.8479119
wavelet-LHL	glcm	JointEntropy	8.165541331
wavelet-LHL	glcm	ClusterShade	3634.039228
wavelet-LHL	glcm	MaximumProbability	0.011115792
wavelet-LHL	glcm	Idmn	0.974161505
wavelet-LHL	glcm	JointEnergy	0.003813006
wavelet-LHL	glcm	Contrast	152.3579166

wavelet-LHL	glcm	DifferenceEntropy	4.465643973
wavelet-LHL	glcm	InverseVariance	0.118473467
wavelet-LHL	glcm	DifferenceVariance	59.47627056
wavelet-LHL	glcm	Idn	0.893331945
wavelet-LHL	glcm	Idm	0.110729988
wavelet-LHL	glcm	Correlation	0.286678228
wavelet-LHL	glcm	Autocorrelation	1019.042653
wavelet-LHL	glcm	SumEntropy	5.597207819
wavelet-LHL	glcm	SumSquares	107.5934239
wavelet-LHL	glcm	ClusterProminence	297925.5493
wavelet-LHL	glcm	Imc2	0.994144211
wavelet-LHL	glcm	Imc1	-0.429473635
wavelet-LHL	glcm	DifferenceAverage	9.407829574
wavelet-LHL	glcm	Id	0.193028513
wavelet-LHL	glcm	ClusterTendency	278.0157789
wavelet-LHL	firstorder	InterquartileRange	373.0491304
wavelet-LHL	firstorder	Skewness	0.578810771
wavelet-LHL	firstorder	Uniformity	0.029438798
wavelet-LHL	firstorder	Median	-35.23291821
wavelet-LHL	firstorder	Energy	20926556.83
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	150.1797364
wavelet-LHL	firstorder	MeanAbsoluteDeviation	218.7265277
wavelet-LHL	firstorder	TotalEnergy	565017034.3
wavelet-LHL	firstorder	Maximum	1044.815832
wavelet-LHL	firstorder	RootMeanSquared	277.3731614
wavelet-LHL	firstorder	90Percentile	388.0418288
wavelet-LHL	firstorder	Minimum	-774.4845095
wavelet-LHL	firstorder	Entropy	5.313436245
wavelet-LHL	firstorder	Range	1819.300342
wavelet-LHL	firstorder	Variance	76761.55194
wavelet-LHL	firstorder	10Percentile	-284.4969166
wavelet-LHL	firstorder	Kurtosis	3.606199254
wavelet-LHL	firstorder	Mean	13.20298249
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005342445
wavelet-LHL	glrlm	GrayLevelVariance	124.5978942
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005367506
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029206423
wavelet-LHL	glrlm	RunVariance	0.027183798
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.741683044
wavelet-LHL	glrlm	LongRunEmphasis	1.080469506
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1136.420266
wavelet-LHL	glrlm	RunLengthNonUniformity	252.0729059
wavelet-LHL	glrlm	ShortRunEmphasis	0.9808602
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1231.778077
wavelet-LHL	glrlm	RunPercentage	0.974547511
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005473784
wavelet-LHL	glrlm	RunEntropy	5.425132123
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1154.856972
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.950735183
wavelet-LHL	glszm	GrayLevelVariance	146.3739161
wavelet-LHL	glszm	ZoneVariance	0.749550323
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026497356
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.591398427
wavelet-LHL	glszm	SizeZoneNonUniformity	114.1398964
wavelet-LHL	glszm	GrayLevelNonUniformity	5.113989637
wavelet-LHL	glszm	LargeAreaEmphasis	2.735751295

wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	998.2610204
wavelet-LHL	glszm	ZonePercentage	0.709558824
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.009201356
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2842.414508
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1215.968912
wavelet-LHL	glszm	SmallAreaEmphasis	0.797505757
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.006890514
wavelet-LHL	glszm	ZoneEntropy	6.139219976
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006645357
wavelet-LHL	ngtdm	Coarseness	0.023079433
wavelet-LHL	ngtdm	Complexity	7705.326206
wavelet-LHL	ngtdm	Strength	24.20819589
wavelet-LHL	ngtdm	Contrast	0.604923853
wavelet-LHL	ngtdm	Busyness	0.03280863
wavelet-LHH	gldm	GrayLevelVariance	44.34602076
wavelet-LHH	gldm	HighGrayLevelEmphasis	557.2352941
wavelet-LHH	gldm	DependenceEntropy	5.889737129
wavelet-LHH	gldm	DependenceNonUniformity	93.80882353
wavelet-LHH	gldm	GrayLevelNonUniformity	12.97058824
wavelet-LHH	gldm	SmallDependenceEmphasis	0.571001838
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	310.7342729
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.344885381
wavelet-LHH	gldm	LargeDependenceEmphasis	4.154411765
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.013203825
wavelet-LHH	gldm	DependenceVariance	0.855914792
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2346.948529
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005624983
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.0065522
wavelet-LHH	glcm	JointAverage	22.65914965
wavelet-LHH	glcm	SumAverage	45.31829931
wavelet-LHH	glcm	JointEntropy	7.886399708
wavelet-LHH	glcm	ClusterShade	69.62648638
wavelet-LHH	glcm	MaximumProbability	0.01383455
wavelet-LHH	glcm	ldmn	0.955003148
wavelet-LHH	glcm	JointEnergy	0.004857842
wavelet-LHH	glcm	Contrast	98.32477839
wavelet-LHH	glcm	DifferenceEntropy	4.175653631
wavelet-LHH	glcm	InverseVariance	0.139210203
wavelet-LHH	glcm	DifferenceVariance	37.12315954
wavelet-LHH	glcm	ldn	0.861959813
wavelet-LHH	glcm	ldm	0.131887723
wavelet-LHH	glcm	Correlation	0.019775422
wavelet-LHH	glcm	Autocorrelation	514.3198017
wavelet-LHH	glcm	SumEntropy	5.062360295
wavelet-LHH	glcm	SumSquares	49.97266441
wavelet-LHH	glcm	ClusterProminence	40744.06011
wavelet-LHH	glcm	lmc2	0.97585259
wavelet-LHH	glcm	lmc1	-0.324137878
wavelet-LHH	glcm	DifferenceAverage	7.589188745
wavelet-LHH	glcm	ld	0.219258888
wavelet-LHH	glcm	ClusterTendency	101.5658793
wavelet-LHH	firstorder	InterquartileRange	209.0484048
wavelet-LHH	firstorder	Skewness	0.115001825
wavelet-LHH	firstorder	Uniformity	0.047685986
wavelet-LHH	firstorder	Median	-3.400353137
wavelet-LHH	firstorder	Energy	7558404.138

wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	84.35442972
wavelet-LHH	firstorder	MeanAbsoluteDeviation	128.4142338
wavelet-LHH	firstorder	TotalEnergy	204076911.7
wavelet-LHH	firstorder	Maximum	519.441931
wavelet-LHH	firstorder	RootMeanSquared	166.6980819
wavelet-LHH	firstorder	90Percentile	216.2146653
wavelet-LHH	firstorder	Minimum	-543.2752838
wavelet-LHH	firstorder	Entropy	4.661430732
wavelet-LHH	firstorder	Range	1062.717215
wavelet-LHH	firstorder	Variance	27772.41095
wavelet-LHH	firstorder	10Percentile	-199.2981895
wavelet-LHH	firstorder	Kurtosis	3.519858267
wavelet-LHH	firstorder	Mean	3.979893865
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.006647944
wavelet-LHH	grlm	GrayLevelVariance	44.98596489
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.006696746
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.047109207
wavelet-LHH	grlm	RunVariance	0.034286803
wavelet-LHH	grlm	GrayLevelNonUniformity	12.41195921
wavelet-LHH	grlm	LongRunEmphasis	1.10094663
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	543.1543083
wavelet-LHH	grlm	RunLengthNonUniformity	247.7528947
wavelet-LHH	grlm	ShortRunEmphasis	0.976406137
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	614.0477975
wavelet-LHH	grlm	RunPercentage	0.968608597
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.006915958
wavelet-LHH	grlm	RunEntropy	4.816882204
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	556.7672029
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.939938506
wavelet-LHH	glszm	GrayLevelVariance	54.39720364
wavelet-LHH	glszm	ZoneVariance	1.417750284
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.040335816
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.553591718
wavelet-LHH	glszm	SizeZoneNonUniformity	98.53932584
wavelet-LHH	glszm	GrayLevelNonUniformity	7.179775281
wavelet-LHH	glszm	LargeAreaEmphasis	3.752808989
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	419.0124299
wavelet-LHH	glszm	ZonePercentage	0.654411765
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.014924373
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2020.089888
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	554.0955056
wavelet-LHH	glszm	SmallAreaEmphasis	0.772214765
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008858182
wavelet-LHH	glszm	ZoneEntropy	5.658113701
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.00836681
wavelet-LHH	ngtdm	Coarseness	0.021401013
wavelet-LHH	ngtdm	Complexity	2599.012749
wavelet-LHH	ngtdm	Strength	8.26368434
wavelet-LHH	ngtdm	Contrast	0.370999567
wavelet-LHH	ngtdm	Busyness	0.059368828
wavelet-LLH	gldm	GrayLevelVariance	105.350292
wavelet-LLH	gldm	HighGrayLevelEmphasis	636.7205882
wavelet-LLH	gldm	DependenceEntropy	6.312721679
wavelet-LLH	gldm	DependenceNonUniformity	107.6911765
wavelet-LLH	gldm	GrayLevelNonUniformity	8.5
wavelet-LLH	gldm	SmallDependenceEmphasis	0.636432802



wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	438.166781
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.395923443
wavelet-LLH	gldm	LargeDependenceEmphasis	3.882352941
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.016926414
wavelet-LLH	gldm	DependenceVariance	0.972318339
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2044.058824
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006166755
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.007534162
wavelet-LLH	glcm	JointAverage	22.30971544
wavelet-LLH	glcm	SumAverage	44.61943088
wavelet-LLH	glcm	JointEntropy	8.137249122
wavelet-LLH	glcm	ClusterShade	1825.685119
wavelet-LLH	glcm	MaximumProbability	0.010630048
wavelet-LLH	glcm	ldmn	0.942644791
wavelet-LLH	glcm	JointEnergy	0.003896354
wavelet-LLH	glcm	Contrast	160.282233
wavelet-LLH	glcm	DifferenceEntropy	4.508481954
wavelet-LLH	glcm	InverseVariance	0.112218633
wavelet-LLH	glcm	DifferenceVariance	60.00324795
wavelet-LLH	glcm	ldn	0.845813163
wavelet-LLH	glcm	ldm	0.109327007
wavelet-LLH	glcm	Correlation	0.142405511
wavelet-LLH	glcm	Autocorrelation	512.2034978
wavelet-LLH	glcm	SumEntropy	5.526847797
wavelet-LLH	glcm	SumSquares	94.58143341
wavelet-LLH	glcm	ClusterProminence	154428.7766
wavelet-LLH	glcm	lmc2	0.992289527
wavelet-LLH	glcm	lmc1	-0.409558406
wavelet-LLH	glcm	DifferenceAverage	9.747176291
wavelet-LLH	glcm	ld	0.190288784
wavelet-LLH	glcm	ClusterTendency	218.0435007
wavelet-LLH	firstorder	InterquartileRange	353.0738006
wavelet-LLH	firstorder	Skewness	0.485567534
wavelet-LLH	firstorder	Uniformity	0.03125
wavelet-LLH	firstorder	Median	-103.6760228
wavelet-LLH	firstorder	Energy	18898776.09
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	151.6035909
wavelet-LLH	firstorder	MeanAbsoluteDeviation	211.1920291
wavelet-LLH	firstorder	TotalEnergy	510266954.4
wavelet-LLH	firstorder	Maximum	557.2298343
wavelet-LLH	firstorder	RootMeanSquared	263.5920986
wavelet-LLH	firstorder	90Percentile	338.5653026
wavelet-LLH	firstorder	Minimum	-614.0128523
wavelet-LLH	firstorder	Entropy	5.185307541
wavelet-LLH	firstorder	Range	1171.242687
wavelet-LLH	firstorder	Variance	65722.55782
wavelet-LLH	firstorder	10Percentile	-355.8819987
wavelet-LLH	firstorder	Kurtosis	2.479027848
wavelet-LLH	firstorder	Mean	-61.3044584
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.007576477
wavelet-LLH	glrlm	GrayLevelVariance	106.5437752
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.007647925
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.031023841
wavelet-LLH	glrlm	RunVariance	0.02945417
wavelet-LLH	glrlm	GrayLevelNonUniformity	8.209106533
wavelet-LLH	glrlm	LongRunEmphasis	1.086458541

wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	629.9883241
wavelet-LLH	glrlm	RunLengthNonUniformity	250.8913691
wavelet-LLH	glrlm	ShortRunEmphasis	0.979684341
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	684.1834268
wavelet-LLH	glrlm	RunPercentage	0.972850679
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00794589
wavelet-LLH	glrlm	RunEntropy	5.301745952
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	640.3296573
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.947896447
wavelet-LLH	glszm	GrayLevelVariance	118.0821272
wavelet-LLH	glszm	ZoneVariance	0.788421491
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.029466889
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.611516035
wavelet-LLH	glszm	SizeZoneNonUniformity	119.8571429
wavelet-LLH	glszm	GrayLevelNonUniformity	5.775510204
wavelet-LLH	glszm	LargeAreaEmphasis	2.714285714
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	566.5654044
wavelet-LLH	glszm	ZonePercentage	0.720588235
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.014699332
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1539.112245
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	677.7908163
wavelet-LLH	glszm	SmallAreaEmphasis	0.810150892
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00904901
wavelet-LLH	glszm	ZoneEntropy	5.9305241
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008276883
wavelet-LLH	ngtdm	Coarseness	0.019150415
wavelet-LLH	ngtdm	Complexity	5262.241926
wavelet-LLH	ngtdm	Strength	12.22997479
wavelet-LLH	ngtdm	Contrast	0.814596703
wavelet-LLH	ngtdm	Busyness	0.07797525
wavelet-LLL	gldm	GrayLevelVariance	460.9017625
wavelet-LLL	gldm	HighGrayLevelEmphasis	2916.25
wavelet-LLL	gldm	DependenceEntropy	6.598145601
wavelet-LLL	gldm	DependenceNonUniformity	151.5
wavelet-LLL	gldm	GrayLevelNonUniformity	4.830882353
wavelet-LLL	gldm	SmallDependenceEmphasis	0.773284314
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1915.251328
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.556985294
wavelet-LLL	gldm	LargeDependenceEmphasis	2.433823529
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006798474
wavelet-LLL	gldm	DependenceVariance	0.50254109
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	9566.860294
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00637304
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006436074
wavelet-LLL	glcm	JointAverage	54.73908777
wavelet-LLL	glcm	SumAverage	109.4781755
wavelet-LLL	glcm	JointEntropy	8.366485198
wavelet-LLL	glcm	ClusterShade	-22071.01369
wavelet-LLL	glcm	MaximumProbability	0.008455756
wavelet-LLL	glcm	ldmn	0.933755781
wavelet-LLL	glcm	JointEnergy	0.003194936
wavelet-LLL	glcm	Contrast	560.4180185
wavelet-LLL	glcm	DifferenceEntropy	5.292627684
wavelet-LLL	glcm	InverseVariance	0.064567848
wavelet-LLL	glcm	DifferenceVariance	210.6001993
wavelet-LLL	glcm	ldn	0.834293459

wavelet-LLL	glcm	Idm	0.062267025
wavelet-LLL	glcm	Correlation	0.325317044
wavelet-LLL	glcm	Autocorrelation	3132.741035
wavelet-LLL	glcm	SumEntropy	6.292364785
wavelet-LLL	glcm	SumSquares	416.0536818
wavelet-LLL	glcm	ClusterProminence	3239574.575
wavelet-LLL	glcm	Imc2	0.999329822
wavelet-LLL	glcm	Imc1	-0.567560969
wavelet-LLL	glcm	DifferenceAverage	18.4338401
wavelet-LLL	glcm	Id	0.125232402
wavelet-LLL	glcm	ClusterTendency	1103.796709
wavelet-LLL	firstorder	InterquartileRange	836.5020466
wavelet-LLL	firstorder	Skewness	-0.404250607
wavelet-LLL	firstorder	Uniformity	0.017760597
wavelet-LLL	firstorder	Median	-519.5006345
wavelet-LLL	firstorder	Energy	168067711.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	345.9459495
wavelet-LLL	firstorder	MeanAbsoluteDeviation	453.8091362
wavelet-LLL	firstorder	TotalEnergy	4537828215
wavelet-LLL	firstorder	Maximum	273.2130756
wavelet-LLL	firstorder	RootMeanSquared	786.0636098
wavelet-LLL	firstorder	90Percentile	56.28959894
wavelet-LLL	firstorder	Minimum	-1793.390585
wavelet-LLL	firstorder	Entropy	5.997292236
wavelet-LLL	firstorder	Range	2066.60366
wavelet-LLL	firstorder	Variance	287874.2919
wavelet-LLL	firstorder	10Percentile	-1374.66724
wavelet-LLL	firstorder	Kurtosis	2.156553957
wavelet-LLL	firstorder	Mean	-574.4751577
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006527504
wavelet-LLL	glrlm	GrayLevelVariance	461.2802107
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.006530383
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.0176114
wavelet-LLL	glrlm	RunVariance	0.017302391
wavelet-LLL	glrlm	GrayLevelNonUniformity	4.718715444
wavelet-LLL	glrlm	LongRunEmphasis	1.048150094
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2843.027991
wavelet-LLL	glrlm	RunLengthNonUniformity	260.5047106
wavelet-LLL	glrlm	ShortRunEmphasis	0.989251406
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3112.764253
wavelet-LLL	glrlm	RunPercentage	0.985011312
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.006542851
wavelet-LLL	glrlm	RunEntropy	6.052615825
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2891.254551
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.97221746
wavelet-LLL	glszm	GrayLevelVariance	457.5465825
wavelet-LLL	glszm	ZoneVariance	0.539162259
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016630135
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.765328078
wavelet-LLL	glszm	SizeZoneNonUniformity	170.6681614
wavelet-LLL	glszm	GrayLevelNonUniformity	3.708520179
wavelet-LLL	glszm	LargeAreaEmphasis	2.02690583
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2126.868047
wavelet-LLL	glszm	ZonePercentage	0.819852941
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008044794
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	7373.363229

wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2571.484305
wavelet-LLL	glszm	SmallAreaEmphasis	0.895325697
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.007791198
wavelet-LLL	glszm	ZoneEntropy	6.374555777
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.007759974
wavelet-LLL	ngtdm	Coarseness	0.017472692
wavelet-LLL	ngtdm	Complexity	30200.73526
wavelet-LLL	ngtdm	Strength	44.8114139
wavelet-LLL	ngtdm	Contrast	2.061729748
wavelet-LLL	ngtdm	Busyness	0.015946876
wavelet-HHL	gldm	GrayLevelVariance	20.11851211
wavelet-HHL	gldm	HighGrayLevelEmphasis	226.9705882
wavelet-HHL	gldm	DependenceEntropy	5.771088083
wavelet-HHL	gldm	DependenceNonUniformity	69.51470588
wavelet-HHL	gldm	GrayLevelNonUniformity	17.88235294
wavelet-HHL	gldm	SmallDependenceEmphasis	0.467893178
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	106.8590502
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.255568772
wavelet-HHL	gldm	LargeDependenceEmphasis	6.830882353
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.042122034
wavelet-HHL	gldm	DependenceVariance	1.668631055
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1507.242647
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008902901
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.011812256
wavelet-HHL	glcm	JointAverage	14.44624431
wavelet-HHL	glcm	SumAverage	28.89248863
wavelet-HHL	glcm	JointEntropy	7.369517388
wavelet-HHL	glcm	ClusterShade	-69.23216485
wavelet-HHL	glcm	MaximumProbability	0.020632752
wavelet-HHL	glcm	Idmn	0.944449138
wavelet-HHL	glcm	JointEnergy	0.007328077
wavelet-HHL	glcm	Contrast	38.22849296
wavelet-HHL	glcm	DifferenceEntropy	3.643666285
wavelet-HHL	glcm	InverseVariance	0.202451078
wavelet-HHL	glcm	DifferenceVariance	14.50057147
wavelet-HHL	glcm	Idn	0.846471498
wavelet-HHL	glcm	Idm	0.194429824
wavelet-HHL	glcm	Correlation	0.003276937
wavelet-HHL	glcm	Autocorrelation	208.7781604
wavelet-HHL	glcm	SumEntropy	4.500045867
wavelet-HHL	glcm	SumSquares	19.18307411
wavelet-HHL	glcm	ClusterProminence	4780.990911
wavelet-HHL	glcm	Imc2	0.900290268
wavelet-HHL	glcm	Imc1	-0.204735612
wavelet-HHL	glcm	DifferenceAverage	4.818741338
wavelet-HHL	glcm	Id	0.286537036
wavelet-HHL	glcm	ClusterTendency	38.50380346
wavelet-HHL	firstorder	InterquartileRange	145.358725
wavelet-HHL	firstorder	Skewness	-0.383526023
wavelet-HHL	firstorder	Uniformity	0.065743945
wavelet-HHL	firstorder	Median	8.464548757
wavelet-HHL	firstorder	Energy	3371325.609
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	62.59622551
wavelet-HHL	firstorder	MeanAbsoluteDeviation	89.6659568
wavelet-HHL	firstorder	TotalEnergy	91025791.43
wavelet-HHL	firstorder	Maximum	243.6800583

wavelet-HHL	firstorder	RootMeanSquared	111.3309456
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wavelet-HHL	firstorder	Minimum	-327.1105443
wavelet-HHL	firstorder	Entropy	4.126572405
wavelet-HHL	firstorder	Range	570.7906026
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wavelet-HHL	firstorder	10Percentile	-162.3354586
wavelet-HHL	firstorder	Kurtosis	2.788317366
wavelet-HHL	firstorder	Mean	-2.990625854
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.011958251
wavelet-HHL	grlm	GrayLevelVariance	20.77458923
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.012154287
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.064678226
wavelet-HHL	grlm	RunVariance	0.057844445
wavelet-HHL	grlm	GrayLevelNonUniformity	16.73590609
wavelet-HHL	grlm	LongRunEmphasis	1.1655995
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	219.0727682
wavelet-HHL	grlm	RunLengthNonUniformity	235.2855732
wavelet-HHL	grlm	ShortRunEmphasis	0.963202927
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	264.3971885
wavelet-HHL	grlm	RunPercentage	0.951074661
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.013013779
wavelet-HHL	grlm	RunEntropy	4.365939185
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	227.1831281
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.908461613
wavelet-HHL	glszm	GrayLevelVariance	30.57429082
wavelet-HHL	glszm	ZoneVariance	6.75342194
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.056536402
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.537095814
wavelet-HHL	glszm	SizeZoneNonUniformity	76.26760563
wavelet-HHL	glszm	GrayLevelNonUniformity	8.028169014
wavelet-HHL	glszm	LargeAreaEmphasis	10.42253521
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	173.0729102
wavelet-HHL	glszm	ZonePercentage	0.522058824
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.065542805
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2289.084507
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	228.1549296
wavelet-HHL	glszm	SmallAreaEmphasis	0.759249859
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.017753613
wavelet-HHL	glszm	ZoneEntropy	5.292867104
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016294295
wavelet-HHL	ngtdm	Coarseness	0.020093105
wavelet-HHL	ngtdm	Complexity	716.121556
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wavelet-HHL	ngtdm	Busyness	0.158482979
wavelet-HLH	gldm	GrayLevelVariance	28.4111024
wavelet-HLH	gldm	HighGrayLevelEmphasis	214.7536765
wavelet-HLH	gldm	DependenceEntropy	5.745872803
wavelet-HLH	gldm	DependenceNonUniformity	88.36029412
wavelet-HLH	gldm	GrayLevelNonUniformity	14.91176471
wavelet-HLH	gldm	SmallDependenceEmphasis	0.527793096
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	112.5063766
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.324854022
wavelet-HLH	gldm	LargeDependenceEmphasis	4.852941176
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.051913415

wavelet-HLH	gldm	DependenceVariance	1.113267734
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1080.040441
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.018468581
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.022919936
wavelet-HLH	glcm	JointAverage	13.72123688
wavelet-HLH	glcm	SumAverage	27.44247376
wavelet-HLH	glcm	JointEntropy	7.645099663
wavelet-HLH	glcm	ClusterShade	-17.45326744
wavelet-HLH	glcm	MaximumProbability	0.015503567
wavelet-HLH	glcm	ldmn	0.949869567
wavelet-HLH	glcm	JointEnergy	0.005894317
wavelet-HLH	glcm	Contrast	56.24759455
wavelet-HLH	glcm	DifferenceEntropy	3.867896512
wavelet-HLH	glcm	InverseVariance	0.153439997
wavelet-HLH	glcm	DifferenceVariance	19.68131255
wavelet-HLH	glcm	ldn	0.850635316
wavelet-HLH	glcm	ldm	0.148839175
wavelet-HLH	glcm	Correlation	-0.000199096
wavelet-HLH	glcm	Autocorrelation	188.3195826
wavelet-HLH	glcm	SumEntropy	4.751159883
wavelet-HLH	glcm	SumSquares	28.10389979
wavelet-HLH	glcm	ClusterProminence	10164.67242
wavelet-HLH	glcm	lmc2	0.936919459
wavelet-HLH	glcm	lmc1	-0.242874274
wavelet-HLH	glcm	DifferenceAverage	5.951543047
wavelet-HLH	glcm	ld	0.242898625
wavelet-HLH	glcm	ClusterTendency	56.16800461
wavelet-HLH	firstorder	InterquartileRange	186.5268718
wavelet-HLH	firstorder	Skewness	0.051466676
wavelet-HLH	firstorder	Uniformity	0.054822664
wavelet-HLH	firstorder	Median	3.457732421
wavelet-HLH	firstorder	Energy	4806932.944
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	73.86123486
wavelet-HLH	firstorder	MeanAbsoluteDeviation	106.0905669
wavelet-HLH	firstorder	TotalEnergy	129787189.5
wavelet-HLH	firstorder	Maximum	431.3731797
wavelet-HLH	firstorder	RootMeanSquared	132.9381344
wavelet-HLH	firstorder	90Percentile	173.3308662
wavelet-HLH	firstorder	Minimum	-322.2567923
wavelet-HLH	firstorder	Entropy	4.377100653
wavelet-HLH	firstorder	Range	753.629972
wavelet-HLH	firstorder	Variance	17653.66685
wavelet-HLH	firstorder	10Percentile	-166.4076788
wavelet-HLH	firstorder	Kurtosis	3.033509684
wavelet-HLH	firstorder	Mean	4.345196432
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.023234133
wavelet-HLH	glrlm	GrayLevelVariance	28.90600145
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.023465975
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.0542008
wavelet-HLH	glrlm	RunVariance	0.03821902
wavelet-HLH	glrlm	GrayLevelNonUniformity	14.21232352
wavelet-HLH	glrlm	LongRunEmphasis	1.114784669
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	208.5295434
wavelet-HLH	glrlm	RunLengthNonUniformity	244.0620326
wavelet-HLH	glrlm	ShortRunEmphasis	0.972626684
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	240.024476

wavelet-HLH	glrlm	RunPercentage	0.96408371
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024412969
wavelet-HLH	glrlm	RunEntropy	4.559302672
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	214.5270161
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.930356548
wavelet-HLH	glszm	GrayLevelVariance	36.3537205
wavelet-HLH	glszm	ZoneVariance	2.503744966
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.050622906
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.524784523
wavelet-HLH	glszm	SizeZoneNonUniformity	85.5398773
wavelet-HLH	glszm	GrayLevelNonUniformity	8.251533742
wavelet-HLH	glszm	LargeAreaEmphasis	5.288343558
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	160.1509236
wavelet-HLH	glszm	ZonePercentage	0.599264706
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.061655228
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1218.116564
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	212.2822086
wavelet-HLH	glszm	SmallAreaEmphasis	0.752205558
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.032305256
wavelet-HLH	glszm	ZoneEntropy	5.424906163
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.029523303
wavelet-HLH	ngtdm	Coarseness	0.020012055
wavelet-HLH	ngtdm	Complexity	1334.368325
wavelet-HLH	ngtdm	Strength	4.704925028
wavelet-HLH	ngtdm	Contrast	0.332058547
wavelet-HLH	ngtdm	Busyness	0.139663859

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	95
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	917
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original	shape	Sphericity	0.673864048
original	shape	MinorAxis	30.6498512
original	shape	Elongation	0.541222694
original	shape	SurfaceVolumeRatio	0.246226129
original	shape	Volume	24759
original	shape	MajorAxis	56.63075767
original	shape	SurfaceArea	6096.312734
original	shape	Flatness	0.417036379
original	shape	LeastAxis	23.61708612
original	shape	Maximum2DDiameterColumn	63.07138812
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original	gldm	GrayLevelVariance	162.173973
original	gldm	HighGrayLevelEmphasis	1015.55289
original	gldm	DependenceEntropy	6.834116189
original	gldm	DependenceNonUniformity	248.5027263
original	gldm	GrayLevelNonUniformity	37.56052345
original	gldm	SmallDependenceEmphasis	0.524911936
original	gldm	SmallDependenceHighGrayLevelEmphasis	388.1276012
original	gldm	DependenceNonUniformityNormalized	0.270995339
original	gldm	LargeDependenceEmphasis	16.53980371
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.027189976
original	gldm	DependenceVariance	8.395222199
original	gldm	LargeDependenceHighGrayLevelEmphasis	27605.19738



original	gldm	SmallDependenceLowGrayLevelEmphasis	0.005028476
original	gldm	LowGrayLevelEmphasis	0.007148151
original	glcm	JointAverage	31.01346942
original	glcm	SumAverage	62.02693883
original	glcm	JointEntropy	8.671422661
original	glcm	ClusterShade	-6421.348887
original	glcm	MaximumProbability	0.035861375
original	glcm	ldmn	0.945664133
original	glcm	JointEnergy	0.006539755
original	glcm	Contrast	153.8521539
original	glcm	DifferenceEntropy	4.521645343
original	glcm	InverseVariance	0.196507869
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original	glcm	ldn	0.863973662
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original	glcm	SumSquares	153.0444978
original	glcm	ClusterProminence	486818.1129
original	glcm	lmc2	0.946757823
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original	glcm	DifferenceAverage	8.745311404
original	glcm	ld	0.272986124
original	glcm	ClusterTendency	458.3258373
original	firstorder	InterquartileRange	569
original	firstorder	Skewness	-0.525551036
original	firstorder	Uniformity	0.040960222
original	firstorder	Median	-233
original	firstorder	Energy	179806490
original	firstorder	RobustMeanAbsoluteDeviation	230.7474562
original	firstorder	MeanAbsoluteDeviation	280.0477923
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original	firstorder	Minimum	-1012
original	firstorder	Entropy	5.090114879
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original	firstorder	Variance	101313.9404
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original	gllm	ShortRunLowGrayLevelEmphasis	0.007403123
original	gllm	GrayLevelVariance	160.6129879
original	gllm	LowGrayLevelRunEmphasis	0.007526045
original	gllm	GrayLevelNonUniformityNormalized	0.035247321
original	gllm	RunVariance	0.103539068
original	gllm	GrayLevelNonUniformity	30.02485674
original	gllm	LongRunEmphasis	1.263689177
original	gllm	ShortRunHighGrayLevelEmphasis	894.5557668
original	gllm	RunLengthNonUniformity	749.3034296
original	gllm	ShortRunEmphasis	0.950561778

original	glrlm	LongRunHighGrayLevelEmphasis	1396.400909
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original	glrlm	LongRunLowGrayLevelEmphasis	0.008067538
original	glrlm	RunEntropy	5.464847345
original	glrlm	HighGrayLevelRunEmphasis	971.5148666
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original	glszm	GrayLevelVariance	132.5725581
original	glszm	ZoneVariance	31.64589222
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original	glszm	SizeZoneNonUniformityNormalized	0.635335165
original	glszm	SizeZoneNonUniformity	334.8216319
original	glszm	GrayLevelNonUniformity	13.23908918
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original	glszm	SmallAreaHighGrayLevelEmphasis	576.2663986
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.037257118
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original	glszm	HighGrayLevelZoneEmphasis	733.0550285
original	glszm	SmallAreaEmphasis	0.824001658
original	glszm	LowGrayLevelZoneEmphasis	0.009673247
original	glszm	ZoneEntropy	6.231194063
original	glszm	SmallAreaLowGrayLevelEmphasis	0.008191858
original	ngtdm	Coarseness	0.005018136
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original	ngtdm	Strength	5.882041834
original	ngtdm	Contrast	0.978140629
original	ngtdm	Busyness	0.121567379
wavelet-HHH	gldm	GrayLevelVariance	21.80452117
wavelet-HHH	gldm	HighGrayLevelEmphasis	483.046892
wavelet-HHH	gldm	DependenceEntropy	6.277870413
wavelet-HHH	gldm	DependenceNonUniformity	191.1504907
wavelet-HHH	gldm	GrayLevelNonUniformity	65.89640131
wavelet-HHH	gldm	SmallDependenceEmphasis	0.409418175
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	203.2454144
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.208452007
wavelet-HHH	gldm	LargeDependenceEmphasis	11.34460196
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026681199
wavelet-HHH	gldm	DependenceVariance	3.714475989
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	5315.304253
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002343189
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.00370288
wavelet-HHH	glcm	JointAverage	21.50261179
wavelet-HHH	glcm	SumAverage	43.00522358
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wavelet-HHH	glcm	ClusterShade	-3.522978517
wavelet-HHH	glcm	MaximumProbability	0.02550878
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wavelet-HHH	glcm	JointEnergy	0.007592293
wavelet-HHH	glcm	Contrast	40.60973763
wavelet-HHH	glcm	DifferenceEntropy	3.701348684
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wavelet-HHH	glcm	Correlation	-0.03848965
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wavelet-HHH	glcm	ClusterProminence	6901.284377
wavelet-HHH	glcm	Imc2	0.760925389
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wavelet-HHH	firstorder	InterquartileRange	127.3414916
wavelet-HHH	firstorder	Skewness	0.00413267
wavelet-HHH	firstorder	Uniformity	0.071860852
wavelet-HHH	firstorder	Median	-1.141010919
wavelet-HHH	firstorder	Energy	12406369.2
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	52.27219341
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wavelet-HHH	firstorder	TotalEnergy	334971968.4
wavelet-HHH	firstorder	Maximum	521.7396989
wavelet-HHH	firstorder	RootMeanSquared	116.3155243
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wavelet-HHH	firstorder	Minimum	-508.8195833
wavelet-HHH	firstorder	Entropy	4.168586022
wavelet-HHH	firstorder	Range	1030.559282
wavelet-HHH	firstorder	Variance	13528.49128
wavelet-HHH	firstorder	10Percentile	-131.384253
wavelet-HHH	firstorder	Kurtosis	4.584957565
wavelet-HHH	firstorder	Mean	-0.89995815
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003695605
wavelet-HHH	glrlm	GrayLevelVariance	22.97044848
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.003808731
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.068561961
wavelet-HHH	glrlm	RunVariance	0.084569877
wavelet-HHH	glrlm	GrayLevelNonUniformity	58.6132803
wavelet-HHH	glrlm	LongRunEmphasis	1.235613416
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	460.4671476
wavelet-HHH	glrlm	RunLengthNonUniformity	749.4595613
wavelet-HHH	glrlm	ShortRunEmphasis	0.949820039
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	594.5396556
wavelet-HHH	glrlm	RunPercentage	0.932220451
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.004337778
wavelet-HHH	glrlm	RunEntropy	4.546341375
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	484.0394242
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.876570083
wavelet-HHH	glszm	GrayLevelVariance	38.70510397
wavelet-HHH	glszm	ZoneVariance	33.78711872
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.048542556
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.522590959
wavelet-HHH	glszm	SizeZoneNonUniformity	216.352657
wavelet-HHH	glszm	GrayLevelNonUniformity	20.09661836
wavelet-HHH	glszm	LargeAreaEmphasis	38.69323671
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	375.1576078

wavelet-HHH	glszm	ZonePercentage	0.451472192
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.087150132
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	18146.04831
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	494.4347826
wavelet-HHH	glszm	SmallAreaEmphasis	0.750526312
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.005439914
wavelet-HHH	glszm	ZoneEntropy	5.822603799
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.004824822
wavelet-HHH	ngtdm	Coarseness	0.00759307
wavelet-HHH	ngtdm	Complexity	1682.083429
wavelet-HHH	ngtdm	Strength	2.636200438
wavelet-HHH	ngtdm	Contrast	0.139666757
wavelet-HHH	ngtdm	Busyness	0.146689885
wavelet-HLL	gldm	GrayLevelVariance	64.85778266
wavelet-HLL	gldm	HighGrayLevelEmphasis	1347.778626
wavelet-HLL	gldm	DependenceEntropy	6.626206288
wavelet-HLL	gldm	DependenceNonUniformity	275.697928
wavelet-HLL	gldm	GrayLevelNonUniformity	36.51799346
wavelet-HLL	gldm	SmallDependenceEmphasis	0.533819823
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	714.9863575
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.300652048
wavelet-HLL	gldm	LargeDependenceEmphasis	5.92257361
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006003539
wavelet-HLL	gldm	DependenceVariance	1.661072983
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	8022.029444
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001772328
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002150377
wavelet-HLL	glcm	JointAverage	35.80753141
wavelet-HLL	glcm	SumAverage	71.61506283
wavelet-HLL	glcm	JointEntropy	8.897882493
wavelet-HLL	glcm	ClusterShade	-309.3793647
wavelet-HLL	glcm	MaximumProbability	0.009725183
wavelet-HLL	glcm	ldmn	0.977203471
wavelet-HLL	glcm	JointEnergy	0.00280366
wavelet-HLL	glcm	Contrast	104.9776755
wavelet-HLL	glcm	DifferenceEntropy	4.291698133
wavelet-HLL	glcm	InverseVariance	0.158362389
wavelet-HLL	glcm	DifferenceVariance	48.19965165
wavelet-HLL	glcm	ldn	0.904192649
wavelet-HLL	glcm	ldm	0.150543706
wavelet-HLL	glcm	Correlation	0.101575531
wavelet-HLL	glcm	Autocorrelation	1288.191716
wavelet-HLL	glcm	SumEntropy	5.416602834
wavelet-HLL	glcm	SumSquares	58.49238097
wavelet-HLL	glcm	ClusterProminence	71278.22016
wavelet-HLL	glcm	lmc2	0.904370328
wavelet-HLL	glcm	lmc1	-0.176354623
wavelet-HLL	glcm	DifferenceAverage	7.387948003
wavelet-HLL	glcm	ld	0.23708808
wavelet-HLL	glcm	ClusterTendency	128.9918484
wavelet-HLL	firstorder	InterquartileRange	228.4377203
wavelet-HLL	firstorder	Skewness	-0.303106526
wavelet-HLL	firstorder	Uniformity	0.03982333

wavelet-HLL	firstorder	Median	-36.94609742
wavelet-HLL	firstorder	Energy	38778053.75
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	96.66958071
wavelet-HLL	firstorder	MeanAbsoluteDeviation	150.2186662
wavelet-HLL	firstorder	TotalEnergy	1047007451
wavelet-HLL	firstorder	Maximum	668.6295768
wavelet-HLL	firstorder	RootMeanSquared	205.6403509
wavelet-HLL	firstorder	90Percentile	205.0488141
wavelet-HLL	firstorder	Minimum	-912.6354233
wavelet-HLL	firstorder	Entropy	4.962359215
wavelet-HLL	firstorder	Range	1581.265
wavelet-HLL	firstorder	Variance	40505.87043
wavelet-HLL	firstorder	10Percentile	-291.0793379
wavelet-HLL	firstorder	Kurtosis	4.407724266
wavelet-HLL	firstorder	Mean	-42.21473078
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.002184282
wavelet-HLL	grlm	GrayLevelVariance	66.67166337
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.002208516
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.038976273
wavelet-HLL	grlm	RunVariance	0.046667398
wavelet-HLL	grlm	GrayLevelNonUniformity	34.27865141
wavelet-HLL	grlm	LongRunEmphasis	1.134393269
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	1306.094831
wavelet-HLL	grlm	RunLengthNonUniformity	812.0006338
wavelet-HLL	grlm	ShortRunEmphasis	0.969548261
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	1529.681786
wavelet-HLL	grlm	RunPercentage	0.959063837
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.002314982
wavelet-HLL	grlm	RunEntropy	5.202805444
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	1347.406323
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.923027199
wavelet-HLL	glszm	GrayLevelVariance	91.77836113
wavelet-HLL	glszm	ZoneVariance	5.40773752
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.031321117
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.578923449
wavelet-HLL	glszm	SizeZoneNonUniformity	314.3554328
wavelet-HLL	glszm	GrayLevelNonUniformity	17.00736648
wavelet-HLL	glszm	LargeAreaEmphasis	8.259668508
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	1052.758425
wavelet-HLL	glszm	ZonePercentage	0.59214831
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.008674301
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	11103.34991
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1340.61326
wavelet-HLL	glszm	SmallAreaEmphasis	0.788436544
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.003079805
wavelet-HLL	glszm	ZoneEntropy	6.275667065
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002900966
wavelet-HLL	ngtdm	Coarseness	0.007953174
wavelet-HLL	ngtdm	Complexity	6662.18755
wavelet-HLL	ngtdm	Strength	7.782387093
wavelet-HLL	ngtdm	Contrast	0.234859109
wavelet-HLL	ngtdm	Busyness	0.053946411
wavelet-LHL	gldm	GrayLevelVariance	109.7814646

wavelet-LHL	gldm	HighGrayLevelEmphasis	1889.848419
wavelet-LHL	gldm	DependenceEntropy	6.937072109
wavelet-LHL	gldm	DependenceNonUniformity	307.2006543
wavelet-LHL	gldm	GrayLevelNonUniformity	27.97055616
wavelet-LHL	gldm	SmallDependenceEmphasis	0.575890151
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1115.108107
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.335006166
wavelet-LHL	gldm	LargeDependenceEmphasis	6.051254089
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004891861
wavelet-LHL	gldm	DependenceVariance	2.090416214
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	11094.37186
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001568845
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.00185531
wavelet-LHL	glcm	JointAverage	42.30018305
wavelet-LHL	glcm	SumAverage	84.6003661
wavelet-LHL	glcm	JointEntropy	9.349235071
wavelet-LHL	glcm	ClusterShade	-375.1757025
wavelet-LHL	glcm	MaximumProbability	0.010345451
wavelet-LHL	glcm	ldmn	0.97089425
wavelet-LHL	glcm	JointEnergy	0.002072843
wavelet-LHL	glcm	Contrast	175.4488662
wavelet-LHL	glcm	DifferenceEntropy	4.655477894
wavelet-LHL	glcm	InverseVariance	0.128659894
wavelet-LHL	glcm	DifferenceVariance	76.38965483
wavelet-LHL	glcm	ldn	0.891924729
wavelet-LHL	glcm	ldm	0.12873728
wavelet-LHL	glcm	Correlation	0.156599479
wavelet-LHL	glcm	Autocorrelation	1805.807861
wavelet-LHL	glcm	SumEntropy	5.85153325
wavelet-LHL	glcm	SumSquares	104.2157122
wavelet-LHL	glcm	ClusterProminence	204513.0817
wavelet-LHL	glcm	lmc2	0.95718959
wavelet-LHL	glcm	lmc1	-0.235637429
wavelet-LHL	glcm	DifferenceAverage	9.705998209
wavelet-LHL	glcm	ld	0.208177553
wavelet-LHL	glcm	ClusterTendency	241.4139825
wavelet-LHL	firstorder	InterquartileRange	300.0123997
wavelet-LHL	firstorder	Skewness	-0.266399012
wavelet-LHL	firstorder	Uniformity	0.030502242
wavelet-LHL	firstorder	Median	-27.96010848
wavelet-LHL	firstorder	Energy	63951682.38
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	130.4907572
wavelet-LHL	firstorder	MeanAbsoluteDeviation	198.9648962
wavelet-LHL	firstorder	TotalEnergy	1726695424
wavelet-LHL	firstorder	Maximum	747.1422281
wavelet-LHL	firstorder	RootMeanSquared	264.0835316
wavelet-LHL	firstorder	90Percentile	297.8674723
wavelet-LHL	firstorder	Minimum	-1068.622617
wavelet-LHL	firstorder	Entropy	5.347591754
wavelet-LHL	firstorder	Range	1815.764845
wavelet-LHL	firstorder	Variance	68692.65656
wavelet-LHL	firstorder	10Percentile	-372.7415268
wavelet-LHL	firstorder	Kurtosis	3.577849311

wavelet-LHL	firstorder	Mean	-32.36441077
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.001886656
wavelet-LHL	glrlm	GrayLevelVariance	112.4507532
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.001904102
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029607306
wavelet-LHL	glrlm	RunVariance	0.04609328
wavelet-LHL	glrlm	GrayLevelNonUniformity	26.11647255
wavelet-LHL	glrlm	LongRunEmphasis	1.127449629
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1841.955011
wavelet-LHL	glrlm	RunLengthNonUniformity	821.1310997
wavelet-LHL	glrlm	ShortRunEmphasis	0.97249681
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2125.104925
wavelet-LHL	glrlm	RunPercentage	0.961915947
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.001983747
wavelet-LHL	glrlm	RunEntropy	5.55869715
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1892.295837
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.93060914
wavelet-LHL	glszm	GrayLevelVariance	139.7924123
wavelet-LHL	glszm	ZoneVariance	4.456955657
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.024601236
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.593634562
wavelet-LHL	glszm	SizeZoneNonUniformity	352.0252951
wavelet-LHL	glszm	GrayLevelNonUniformity	14.58853288
wavelet-LHL	glszm	LargeAreaEmphasis	6.848229342
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1556.293105
wavelet-LHL	glszm	ZonePercentage	0.646673937
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.005956761
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	12476.8887
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1921.116358
wavelet-LHL	glszm	SmallAreaEmphasis	0.798645144
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.002511482
wavelet-LHL	glszm	ZoneEntropy	6.549773711
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002361672
wavelet-LHL	ngtdm	Coarseness	0.007940008
wavelet-LHL	ngtdm	Complexity	11471.53367
wavelet-LHL	ngtdm	Strength	9.823355106
wavelet-LHL	ngtdm	Contrast	0.367951595
wavelet-LHL	ngtdm	Busyness	0.041763003
wavelet-LHH	gldm	GrayLevelVariance	39.94005868
wavelet-LHH	gldm	HighGrayLevelEmphasis	588.3271538
wavelet-LHH	gldm	DependenceEntropy	6.461167329
wavelet-LHH	gldm	DependenceNonUniformity	228.0490731
wavelet-LHH	gldm	GrayLevelNonUniformity	50.49182116
wavelet-LHH	gldm	SmallDependenceEmphasis	0.465987931
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	285.7892056
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.248690374
wavelet-LHH	gldm	LargeDependenceEmphasis	8.690294438
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.018521262
wavelet-LHH	gldm	DependenceVariance	2.85572531
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	4866.434024
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002766089
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003863396
wavelet-LHH	glcm	JointAverage	23.45045824

wavelet-LHH	glcm	SumAverage	46.90091649
wavelet-LHH	glcm	JointEntropy	8.314724836
wavelet-LHH	glcm	ClusterShade	133.8078048
wavelet-LHH	glcm	MaximumProbability	0.018803476
wavelet-LHH	glcm	Idmn	0.976182743
wavelet-LHH	glcm	JointEnergy	0.004921211
wavelet-LHH	glcm	Contrast	75.98915338
wavelet-LHH	glcm	DifferenceEntropy	4.074078769
wavelet-LHH	glcm	InverseVariance	0.193155346
wavelet-LHH	glcm	DifferenceVariance	36.72212512
wavelet-LHH	glcm	Idn	0.903936115
wavelet-LHH	glcm	Idm	0.187847975
wavelet-LHH	glcm	Correlation	-0.029190479
wavelet-LHH	glcm	Autocorrelation	548.7584068
wavelet-LHH	glcm	SumEntropy	4.933309097
wavelet-LHH	glcm	SumSquares	36.82177632
wavelet-LHH	glcm	ClusterProminence	28529.08527
wavelet-LHH	glcm	Imc2	0.863844259
wavelet-LHH	glcm	Imc1	-0.153213429
wavelet-LHH	glcm	DifferenceAverage	6.177511533
wavelet-LHH	glcm	Id	0.273579939
wavelet-LHH	glcm	ClusterTendency	71.29795191
wavelet-LHH	firstorder	InterquartileRange	154.6566362
wavelet-LHH	firstorder	Skewness	0.29215311
wavelet-LHH	firstorder	Uniformity	0.055061964
wavelet-LHH	firstorder	Median	-4.276177436
wavelet-LHH	firstorder	Energy	22810969.84
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	68.15139847
wavelet-LHH	firstorder	MeanAbsoluteDeviation	113.0231511
wavelet-LHH	firstorder	TotalEnergy	615896185.6
wavelet-LHH	firstorder	Maximum	742.9971303
wavelet-LHH	firstorder	RootMeanSquared	157.7201594
wavelet-LHH	firstorder	90Percentile	184.666107
wavelet-LHH	firstorder	Minimum	-552.2861383
wavelet-LHH	firstorder	Entropy	4.588053025
wavelet-LHH	firstorder	Range	1295.283269
wavelet-LHH	firstorder	Variance	24871.97731
wavelet-LHH	firstorder	10Percentile	-184.3969058
wavelet-LHH	firstorder	Kurtosis	5.025063245
wavelet-LHH	firstorder	Mean	-1.916080791
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.003895406
wavelet-LHH	grlm	GrayLevelVariance	41.67432341
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.003973629
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.052704688
wavelet-LHH	grlm	RunVariance	0.065985048
wavelet-LHH	grlm	GrayLevelNonUniformity	45.69914094
wavelet-LHH	grlm	LongRunEmphasis	1.184801816
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	567.4176261
wavelet-LHH	grlm	RunLengthNonUniformity	780.9664059
wavelet-LHH	grlm	ShortRunEmphasis	0.960045552
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	693.3709328
wavelet-LHH	grlm	RunPercentage	0.945558259
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.004333683



wavelet-LHH	grlm	RunEntropy	4.902104606
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	589.8971663
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.900516979
wavelet-LHH	glszm	GrayLevelVariance	65.41142598
wavelet-LHH	glszm	ZoneVariance	16.83377546
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.0370756
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.550212766
wavelet-LHH	glszm	SizeZoneNonUniformity	258.6
wavelet-LHH	glszm	GrayLevelNonUniformity	17.42553191
wavelet-LHH	glszm	LargeAreaEmphasis	20.64042553
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	478.2202958
wavelet-LHH	glszm	ZonePercentage	0.512540894
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.042366753
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	11396.83404
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	610.7829787
wavelet-LHH	glszm	SmallAreaEmphasis	0.769360833
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.005632899
wavelet-LHH	glszm	ZoneEntropy	6.102786024
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005099837
wavelet-LHH	ngtdm	Coarseness	0.007986032
wavelet-LHH	ngtdm	Complexity	4078.426977
wavelet-LHH	ngtdm	Strength	5.063770563
wavelet-LHH	ngtdm	Contrast	0.183193267
wavelet-LHH	ngtdm	Busyness	0.093876407
wavelet-LLH	gldm	GrayLevelVariance	74.39404725
wavelet-LLH	gldm	HighGrayLevelEmphasis	2186.483097
wavelet-LLH	gldm	DependenceEntropy	6.706164625
wavelet-LLH	gldm	DependenceNonUniformity	262.648855
wavelet-LLH	gldm	GrayLevelNonUniformity	38.81897492
wavelet-LLH	gldm	SmallDependenceEmphasis	0.498064301
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	1092.213586
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.28642187
wavelet-LLH	gldm	LargeDependenceEmphasis	6.99563795
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.012158563
wavelet-LLH	gldm	DependenceVariance	2.205411178
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	15081.45365
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000862242
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002742987
wavelet-LLH	glcm	JointAverage	46.16599296
wavelet-LLH	glcm	SumAverage	92.33198593
wavelet-LLH	glcm	JointEntropy	8.858771473
wavelet-LLH	glcm	ClusterShade	-287.523839
wavelet-LLH	glcm	MaximumProbability	0.01247466
wavelet-LLH	glcm	ldmn	0.980639525
wavelet-LLH	glcm	JointEnergy	0.003196917
wavelet-LLH	glcm	Contrast	117.4274783
wavelet-LLH	glcm	DifferenceEntropy	4.345085509
wavelet-LLH	glcm	InverseVariance	0.159988175
wavelet-LLH	glcm	DifferenceVariance	56.1061709
wavelet-LLH	glcm	ldn	0.913184775
wavelet-LLH	glcm	ldm	0.158077108
wavelet-LLH	glcm	Correlation	0.105809485
wavelet-LLH	glcm	Autocorrelation	2137.855773

wavelet-LLH	glcm	SumEntropy	5.455233089
wavelet-LLH	glcm	SumSquares	65.26398855
wavelet-LLH	glcm	ClusterProminence	105654.7476
wavelet-LLH	glcm	Imc2	0.920280801
wavelet-LLH	glcm	Imc1	-0.192778527
wavelet-LLH	glcm	DifferenceAverage	7.658168375
wavelet-LLH	glcm	Id	0.242629641
wavelet-LLH	glcm	ClusterTendency	143.6284759
wavelet-LLH	firstorder	InterquartileRange	214.5634275
wavelet-LLH	firstorder	Skewness	-0.56633687
wavelet-LLH	firstorder	Uniformity	0.042332579
wavelet-LLH	firstorder	Median	-8.642994324
wavelet-LLH	firstorder	Energy	42658124.97
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	91.82616956
wavelet-LLH	firstorder	MeanAbsoluteDeviation	152.7144676
wavelet-LLH	firstorder	TotalEnergy	1151769374
wavelet-LLH	firstorder	Maximum	680.6700151
wavelet-LLH	firstorder	RootMeanSquared	215.6831478
wavelet-LLH	firstorder	90Percentile	246.0744665
wavelet-LLH	firstorder	Minimum	-1126.893918
wavelet-LLH	firstorder	Entropy	4.973427817
wavelet-LLH	firstorder	Range	1807.563933
wavelet-LLH	firstorder	Variance	46329.74692
wavelet-LLH	firstorder	10Percentile	-255.6823664
wavelet-LLH	firstorder	Kurtosis	5.917082534
wavelet-LLH	firstorder	Mean	-13.76493094
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002676538
wavelet-LLH	glrlm	GrayLevelVariance	76.67740835
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002761044
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040944266
wavelet-LLH	glrlm	RunVariance	0.051765289
wavelet-LLH	glrlm	GrayLevelNonUniformity	35.83100064
wavelet-LLH	glrlm	LongRunEmphasis	1.15039916
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	2113.482259
wavelet-LLH	glrlm	RunLengthNonUniformity	799.9256475
wavelet-LLH	glrlm	ShortRunEmphasis	0.96573948
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2512.548055
wavelet-LLH	glrlm	RunPercentage	0.954282359
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003105405
wavelet-LLH	glrlm	RunEntropy	5.239458108
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2187.64517
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.913839333
wavelet-LLH	glszm	GrayLevelVariance	105.2139171
wavelet-LLH	glszm	ZoneVariance	5.80096079
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030673361
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.520647084
wavelet-LLH	glszm	SizeZoneNonUniformity	271.7777778
wavelet-LLH	glszm	GrayLevelNonUniformity	16.01149425
wavelet-LLH	glszm	LargeAreaEmphasis	8.88697318
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1645.000935
wavelet-LLH	glszm	ZonePercentage	0.569247546
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.012065645
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	18991.83333

wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2200.994253
wavelet-LLH	glszm	SmallAreaEmphasis	0.749555605
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.00253466
wavelet-LLH	glszm	ZoneEntropy	6.447195093
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.000974176
wavelet-LLH	ngtdm	Coarseness	0.00792727
wavelet-LLH	ngtdm	Complexity	7803.608236
wavelet-LLH	ngtdm	Strength	8.850674893
wavelet-LLH	ngtdm	Contrast	0.268649814
wavelet-LLH	ngtdm	Busyness	0.040032671
wavelet-LLL	gldm	GrayLevelVariance	922.4692676
wavelet-LLL	gldm	HighGrayLevelEmphasis	5906.644493
wavelet-LLL	gldm	DependenceEntropy	7.613523576
wavelet-LLL	gldm	DependenceNonUniformity	394.3347874
wavelet-LLL	gldm	GrayLevelNonUniformity	11.06324973
wavelet-LLL	gldm	SmallDependenceEmphasis	0.670867822
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3393.623643
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.430027031
wavelet-LLL	gldm	LargeDependenceEmphasis	3.924754635
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003501793
wavelet-LLL	gldm	DependenceVariance	1.16632992
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	33647.61505
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002181094
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.002352922
wavelet-LLL	glcm	JointAverage	75.32217388
wavelet-LLL	glcm	SumAverage	150.6443478
wavelet-LLL	glcm	JointEntropy	10.00929593
wavelet-LLL	glcm	ClusterShade	-77565.51303
wavelet-LLL	glcm	MaximumProbability	0.006967676
wavelet-LLL	glcm	Idmn	0.970206186
wavelet-LLL	glcm	JointEnergy	0.001153072
wavelet-LLL	glcm	Contrast	483.8911814
wavelet-LLL	glcm	DifferenceEntropy	5.375553595
wavelet-LLL	glcm	InverseVariance	0.086331586
wavelet-LLL	glcm	DifferenceVariance	201.0775988
wavelet-LLL	glcm	Idn	0.888972744
wavelet-LLL	glcm	Idm	0.086427988
wavelet-LLL	glcm	Correlation	0.717296416
wavelet-LLL	glcm	Autocorrelation	6293.004404
wavelet-LLL	glcm	SumEntropy	7.250256534
wavelet-LLL	glcm	SumSquares	858.9735345
wavelet-LLL	glcm	ClusterProminence	18545380.09
wavelet-LLL	glcm	Imc2	0.998509575
wavelet-LLL	glcm	Imc1	-0.450435401
wavelet-LLL	glcm	DifferenceAverage	16.50600353
wavelet-LLL	glcm	Id	0.152237629
wavelet-LLL	glcm	ClusterTendency	2952.002957
wavelet-LLL	firstorder	InterquartileRange	1357.156829
wavelet-LLL	firstorder	Skewness	-0.302644765
wavelet-LLL	firstorder	Uniformity	0.012064613
wavelet-LLL	firstorder	Median	-779.4296621
wavelet-LLL	firstorder	Energy	1228045709
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	538.9619842

wavelet-LLL	firstorder	MeanAbsoluteDeviation	664.3128245
wavelet-LLL	firstorder	TotalEnergy	33157234156
wavelet-LLL	firstorder	Maximum	375.2525117
wavelet-LLL	firstorder	RootMeanSquared	1157.237766
wavelet-LLL	firstorder	90Percentile	53.37806024
wavelet-LLL	firstorder	Minimum	-2620.341263
wavelet-LLL	firstorder	Entropy	6.582498226
wavelet-LLL	firstorder	Range	2995.593774
wavelet-LLL	firstorder	Variance	576984.2475
wavelet-LLL	firstorder	10Percentile	-1958.601286
wavelet-LLL	firstorder	Kurtosis	1.865320497
wavelet-LLL	firstorder	Mean	-873.0492537
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.002393267
wavelet-LLL	grlm	GrayLevelVariance	917.7271622
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.002402303
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.011786215
wavelet-LLL	grlm	RunVariance	0.028514176
wavelet-LLL	grlm	GrayLevelNonUniformity	10.53382482
wavelet-LLL	grlm	LongRunEmphasis	1.08165712
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	5674.061873
wavelet-LLL	grlm	RunLengthNonUniformity	850.9829322
wavelet-LLL	grlm	ShortRunEmphasis	0.981321038
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	6549.005385
wavelet-LLL	grlm	RunPercentage	0.974582669
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.00243935
wavelet-LLL	grlm	RunEntropy	6.706681354
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	5834.155679
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.952049732
wavelet-LLL	glszm	GrayLevelVariance	868.3654296
wavelet-LLL	glszm	ZoneVariance	1.580344186
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.010537755
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.65785825
wavelet-LLL	glszm	SizeZoneNonUniformity	448.0014684
wavelet-LLL	glszm	GrayLevelNonUniformity	7.176211454
wavelet-LLL	glszm	LargeAreaEmphasis	3.393538913
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4105.87965
wavelet-LLL	glszm	ZonePercentage	0.74263904
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.003689635
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	28962.95301
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5177.005874
wavelet-LLL	glszm	SmallAreaEmphasis	0.838273254
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003001047
wavelet-LLL	glszm	ZoneEntropy	7.36711688
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002905725
wavelet-LLL	ngtdm	Coarseness	0.01039028
wavelet-LLL	ngtdm	Complexity	49313.57438
wavelet-LLL	ngtdm	Strength	56.26786127
wavelet-LLL	ngtdm	Contrast	1.352949706
wavelet-LLL	ngtdm	Busyness	0.011601244
wavelet-HHL	gldm	GrayLevelVariance	33.96894715
wavelet-HHL	gldm	HighGrayLevelEmphasis	386.1962923
wavelet-HHL	gldm	DependenceEntropy	6.429090478
wavelet-HHL	gldm	DependenceNonUniformity	236.7251908

wavelet-HHL	gldm	GrayLevelNonUniformity	50.72082879
wavelet-HHL	gldm	SmallDependenceEmphasis	0.478549733
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	194.2058243
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.258151789
wavelet-HHL	gldm	LargeDependenceEmphasis	9.087241003
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.033212075
wavelet-HHL	gldm	DependenceVariance	3.315719435
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3217.059978
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005273438
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007208141
wavelet-HHL	glcm	JointAverage	18.73572679
wavelet-HHL	glcm	SumAverage	37.47145358
wavelet-HHL	glcm	JointEntropy	8.329213608
wavelet-HHL	glcm	ClusterShade	24.11784128
wavelet-HHL	glcm	MaximumProbability	0.020885829
wavelet-HHL	glcm	Idmn	0.970705783
wavelet-HHL	glcm	JointEnergy	0.004689562
wavelet-HHL	glcm	Contrast	63.67305724
wavelet-HHL	glcm	DifferenceEntropy	4.018001279
wavelet-HHL	glcm	InverseVariance	0.188677678
wavelet-HHL	glcm	DifferenceVariance	27.8542186
wavelet-HHL	glcm	Idn	0.890368098
wavelet-HHL	glcm	Idm	0.184501322
wavelet-HHL	glcm	Correlation	-0.026080331
wavelet-HHL	glcm	Autocorrelation	350.2573969
wavelet-HHL	glcm	SumEntropy	4.887824167
wavelet-HHL	glcm	SumSquares	31.06308333
wavelet-HHL	glcm	ClusterProminence	14925.79749
wavelet-HHL	glcm	Imc2	0.823193313
wavelet-HHL	glcm	Imc1	-0.128001274
wavelet-HHL	glcm	DifferenceAverage	5.924838717
wavelet-HHL	glcm	Id	0.271544421
wavelet-HHL	glcm	ClusterTendency	60.57927606
wavelet-HHL	firstorder	InterquartileRange	159.8906851
wavelet-HHL	firstorder	Skewness	0.022823024
wavelet-HHL	firstorder	Uniformity	0.0553117
wavelet-HHL	firstorder	Median	1.737939246
wavelet-HHL	firstorder	Energy	19581772.6
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	70.01506317
wavelet-HHL	firstorder	MeanAbsoluteDeviation	109.9233389
wavelet-HHL	firstorder	TotalEnergy	528707860.1
wavelet-HHL	firstorder	Maximum	629.020968
wavelet-HHL	firstorder	RootMeanSquared	146.1306559
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wavelet-HHL	firstorder	Minimum	-426.9569772
wavelet-HHL	firstorder	Entropy	4.517134063
wavelet-HHL	firstorder	Range	1055.977945
wavelet-HHL	firstorder	Variance	21304.99259
wavelet-HHL	firstorder	10Percentile	-174.1834909
wavelet-HHL	firstorder	Kurtosis	3.68756727
wavelet-HHL	firstorder	Mean	7.012560151
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007294048
wavelet-HHL	glrlm	GrayLevelVariance	35.22264769

wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.007427482
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.053165136
wavelet-HHL	glrlm	RunVariance	0.069188435
wavelet-HHL	glrlm	GrayLevelNonUniformity	46.12604537
wavelet-HHL	glrlm	LongRunEmphasis	1.187484986
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	373.6747476
wavelet-HHL	glrlm	RunLengthNonUniformity	783.5409284
wavelet-HHL	glrlm	ShortRunEmphasis	0.960832732
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	454.7264502
wavelet-HHL	glrlm	RunPercentage	0.946061572
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008057309
wavelet-HHL	glrlm	RunEntropy	4.81677986
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	387.7819873
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.902730069
wavelet-HHL	glszm	GrayLevelVariance	49.90350492
wavelet-HHL	glszm	ZoneVariance	13.76971491
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.040795246
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.541186261
wavelet-HHL	glszm	SizeZoneNonUniformity	264.6400818
wavelet-HHL	glszm	GrayLevelNonUniformity	19.94887526
wavelet-HHL	glszm	LargeAreaEmphasis	17.28629857
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	314.8180829
wavelet-HHL	glszm	ZonePercentage	0.533260632
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.060817227
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	5995.496933
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	406.6421268
wavelet-HHL	glszm	SmallAreaEmphasis	0.763081957
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.010387652
wavelet-HHL	glszm	ZoneEntropy	6.018533392
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009359877
wavelet-HHL	ngtdm	Coarseness	0.007390393
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wavelet-HHL	ngtdm	Contrast	0.218943053
wavelet-HHL	ngtdm	Busyness	0.166567346
wavelet-HLH	gldm	GrayLevelVariance	24.62222243
wavelet-HLH	gldm	HighGrayLevelEmphasis	489.1962923
wavelet-HLH	gldm	DependenceEntropy	6.266648378
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wavelet-HLH	gldm	GrayLevelNonUniformity	59.97491821
wavelet-HLH	gldm	SmallDependenceEmphasis	0.447960208
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	228.7533304
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.225120081
wavelet-HLH	gldm	LargeDependenceEmphasis	10.18647764
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023890682
wavelet-HLH	gldm	DependenceVariance	3.308013305
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	4845.004362
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002434207
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.003722968
wavelet-HLH	glcm	JointAverage	21.56375362
wavelet-HLH	glcm	SumAverage	43.12750723
wavelet-HLH	glcm	JointEntropy	7.98744338
wavelet-HLH	glcm	ClusterShade	-3.251508844

wavelet-HLH	glcm	MaximumProbability	0.023633111
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wavelet-HLH	glcm	JointEnergy	0.006189954
wavelet-HLH	glcm	Contrast	47.45679577
wavelet-HLH	glcm	DifferenceEntropy	3.824593479
wavelet-HLH	glcm	InverseVariance	0.202450194
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wavelet-HLH	glcm	Idn	0.892841337
wavelet-HLH	glcm	Idm	0.20474757
wavelet-HLH	glcm	Correlation	-0.026658386
wavelet-HLH	glcm	Autocorrelation	464.3674471
wavelet-HLH	glcm	SumEntropy	4.669788333
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wavelet-HLH	glcm	ClusterProminence	8645.359051
wavelet-HLH	glcm	Imc2	0.785150512
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wavelet-HLH	glcm	DifferenceAverage	5.107919553
wavelet-HLH	glcm	Id	0.293801338
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wavelet-HLH	firstorder	InterquartileRange	133.9728605
wavelet-HLH	firstorder	Skewness	0.039813481
wavelet-HLH	firstorder	Uniformity	0.0654034
wavelet-HLH	firstorder	Median	2.523556288
wavelet-HLH	firstorder	Energy	14173567.7
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	57.99608271
wavelet-HLH	firstorder	MeanAbsoluteDeviation	92.46876827
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wavelet-HLH	firstorder	Maximum	447.6101208
wavelet-HLH	firstorder	RootMeanSquared	124.3239853
wavelet-HLH	firstorder	90Percentile	154.4801871
wavelet-HLH	firstorder	Minimum	-509.9805207
wavelet-HLH	firstorder	Entropy	4.290988491
wavelet-HLH	firstorder	Range	957.5906416
wavelet-HLH	firstorder	Variance	15455.07809
wavelet-HLH	firstorder	10Percentile	-147.2469397
wavelet-HLH	firstorder	Kurtosis	3.924795783
wavelet-HLH	firstorder	Mean	1.172702167
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003717524
wavelet-HLH	glrlm	GrayLevelVariance	25.85608334
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.003821706
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.062391472
wavelet-HLH	glrlm	RunVariance	0.075733469
wavelet-HLH	glrlm	GrayLevelNonUniformity	53.64471334
wavelet-HLH	glrlm	LongRunEmphasis	1.213704545
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	468.4161604
wavelet-HLH	glrlm	RunLengthNonUniformity	761.6278893
wavelet-HLH	glrlm	ShortRunEmphasis	0.953724256
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	591.4259164
wavelet-HLH	glrlm	RunPercentage	0.937589128
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.004299551
wavelet-HLH	glrlm	RunEntropy	4.641684977
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	490.2786307
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.885650114

wavelet-HLH	glszm	GrayLevelVariance	41.88759074
wavelet-HLH	glszm	ZoneVariance	30.63587142
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.043727
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.578626154
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wavelet-HLH	glszm	GrayLevelNonUniformity	19.50224215
wavelet-HLH	glszm	LargeAreaEmphasis	34.8632287
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	407.4091297
wavelet-HLH	glszm	ZonePercentage	0.486368593
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.078509734
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	16403.1009
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	506.7443946
wavelet-HLH	glszm	SmallAreaEmphasis	0.787612044
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.005232614
wavelet-HLH	glszm	ZoneEntropy	5.782431972
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004682827
wavelet-HLH	ngtdm	Coarseness	0.007456192
wavelet-HLH	ngtdm	Complexity	1634.65759
wavelet-HLH	ngtdm	Strength	2.256554955
wavelet-HLH	ngtdm	Contrast	0.181439207
wavelet-HLH	ngtdm	Busyness	0.16681275



Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	74
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original	shape	LeastAxis	10.32546289
original	shape	Maximum2DDiameterColumn	17.49285568
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original	gldm	GrayLevelVariance	62.89791819
original	gldm	HighGrayLevelEmphasis	334.2567568
original	gldm	DependenceEntropy	5.104393399
original	gldm	DependenceNonUniformity	26.40540541
original	gldm	GrayLevelNonUniformity	3.72972973
original	gldm	SmallDependenceEmphasis	0.58256006
original	gldm	SmallDependenceHighGrayLevelEmphasis	153.9233333
original	gldm	DependenceNonUniformityNormalized	0.356829803
original	gldm	LargeDependenceEmphasis	4.027027027
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.034291594
original	gldm	DependenceVariance	0.84514244
original	gldm	LargeDependenceHighGrayLevelEmphasis	1976.716216
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.01948887
original	gldm	LowGrayLevelEmphasis	0.022023579
original	glcm	JointAverage	17.92646321
original	glcm	SumAverage	35.85292643
original	glcm	JointEntropy	6.146004757
original	glcm	ClusterShade	-301.9985161
original	glcm	MaximumProbability	0.027515019

original	glcm	Idmn	0.893395729
original	glcm	JointEnergy	0.014899638
original	glcm	Contrast	117.2416431
original	glcm	DifferenceEntropy	3.958486874
original	glcm	InverseVariance	0.14678919
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original	glcm	Idn	0.79224087
original	glcm	Idm	0.139582456
original	glcm	Correlation	0.085222329
original	glcm	Autocorrelation	327.2546469
original	glcm	SumEntropy	4.591872673
original	glcm	SumSquares	64.19654366
original	glcm	ClusterProminence	43936.51367
original	glcm	Imc2	0.996261093
original	glcm	Imc1	-0.576330902
original	glcm	DifferenceAverage	8.667119857
original	glcm	Id	0.215258613
original	glcm	ClusterTendency	139.5445316
original	firstorder	InterquartileRange	383.25
original	firstorder	Skewness	0.023002542
original	firstorder	Uniformity	0.050401753
original	firstorder	Median	-233
original	firstorder	Energy	6744402
original	firstorder	RobustMeanAbsoluteDeviation	144.0951249
original	firstorder	MeanAbsoluteDeviation	175.7165814
original	firstorder	TotalEnergy	182098854
original	firstorder	Maximum	94
original	firstorder	RootMeanSquared	301.8949611
original	firstorder	90Percentile	47.8
original	firstorder	Minimum	-622
original	firstorder	Entropy	4.448940785
original	firstorder	Range	716
original	firstorder	Variance	39844.43901
original	firstorder	10Percentile	-485.1
original	firstorder	Kurtosis	1.682896144
original	firstorder	Mean	-226.4864865
original	glrlm	ShortRunLowGrayLevelEmphasis	0.022454283
original	glrlm	GrayLevelVariance	62.46811785
original	glrlm	LowGrayLevelRunEmphasis	0.022568749
original	glrlm	GrayLevelNonUniformityNormalized	0.050291293
original	glrlm	RunVariance	0.030047579
original	glrlm	GrayLevelNonUniformity	3.609111845
original	glrlm	LongRunEmphasis	1.095051273
original	glrlm	ShortRunHighGrayLevelEmphasis	317.1326703
original	glrlm	RunLengthNonUniformity	67.53534998
original	glrlm	ShortRunEmphasis	0.976237182
original	glrlm	LongRunHighGrayLevelEmphasis	376.5210914
original	glrlm	RunPercentage	0.96985447
original	glrlm	LongRunLowGrayLevelEmphasis	0.02302661
original	glrlm	RunEntropy	4.53496154
original	glrlm	HighGrayLevelRunEmphasis	329.0103545
original	glrlm	RunLengthNonUniformityNormalized	0.939904841
original	glszm	GrayLevelVariance	57.3316
original	glszm	ZoneVariance	0.8496
original	glszm	GrayLevelNonUniformityNormalized	0.052
original	glszm	SizeZoneNonUniformityNormalized	0.5496

original	glszm	SizeZoneNonUniformity	27.48
original	glszm	GrayLevelNonUniformity	2.6
original	glszm	LargeAreaEmphasis	3.04
original	glszm	SmallAreaHighGrayLevelEmphasis	192.2348667
original	glszm	ZonePercentage	0.675675676
original	glszm	LargeAreaLowGrayLevelEmphasis	0.038910104
original	glszm	LargeAreaHighGrayLevelEmphasis	1311.86
original	glszm	HighGrayLevelZoneEmphasis	275.78
original	glszm	SmallAreaEmphasis	0.769966667
original	glszm	LowGrayLevelZoneEmphasis	0.029966527
original	glszm	ZoneEntropy	4.83856294
original	glszm	SmallAreaLowGrayLevelEmphasis	0.028228606
original	ngtdm	Coarseness	0.037403591
original	ngtdm	Complexity	1922.964675
original	ngtdm	Strength	12.55422007
original	ngtdm	Contrast	1.404944965
original	ngtdm	Busyness	0.082585559
wavelet-HHH	gldm	GrayLevelVariance	11.27629657
wavelet-HHH	gldm	HighGrayLevelEmphasis	101.0135135
wavelet-HHH	gldm	DependenceEntropy	4.913854677
wavelet-HHH	gldm	DependenceNonUniformity	19.72972973
wavelet-HHH	gldm	GrayLevelNonUniformity	6.621621622
wavelet-HHH	gldm	SmallDependenceEmphasis	0.394804805
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	40.86269144
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.266617969
wavelet-HHH	gldm	LargeDependenceEmphasis	6.567567568
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.101148208
wavelet-HHH	gldm	DependenceVariance	1.289992695
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	653.5810811
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.027478172
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.035092834
wavelet-HHH	glcm	JointAverage	9.506961194
wavelet-HHH	glcm	SumAverage	19.01392239
wavelet-HHH	glcm	JointEntropy	5.724402639
wavelet-HHH	glcm	ClusterShade	-21.23693517
wavelet-HHH	glcm	MaximumProbability	0.053083076
wavelet-HHH	glcm	ldmn	0.938065948
wavelet-HHH	glcm	JointEnergy	0.021879388
wavelet-HHH	glcm	Contrast	21.64265548
wavelet-HHH	glcm	DifferenceEntropy	3.026425283
wavelet-HHH	glcm	InverseVariance	0.2375147
wavelet-HHH	glcm	DifferenceVariance	7.953130497
wavelet-HHH	glcm	ldn	0.837214941
wavelet-HHH	glcm	ldm	0.236780243
wavelet-HHH	glcm	Correlation	-0.037096101
wavelet-HHH	glcm	Autocorrelation	90.04186836
wavelet-HHH	glcm	SumEntropy	3.736280976
wavelet-HHH	glcm	SumSquares	10.45928207
wavelet-HHH	glcm	ClusterProminence	1293.27716
wavelet-HHH	glcm	lmc2	0.976934601
wavelet-HHH	glcm	lmc1	-0.428401312
wavelet-HHH	glcm	DifferenceAverage	3.663577863
wavelet-HHH	glcm	ld	0.330338739
wavelet-HHH	glcm	ClusterTendency	20.1944728
wavelet-HHH	firstorder	InterquartileRange	105.0058926
wavelet-HHH	firstorder	Skewness	-0.26080151

wavelet-HHH	firstorder	Uniformity	0.089481373
wavelet-HHH	firstorder	Median	7.570218808
wavelet-HHH	firstorder	Energy	525945.4674
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	45.43585361
wavelet-HHH	firstorder	MeanAbsoluteDeviation	67.46283011
wavelet-HHH	firstorder	TotalEnergy	14200527.62
wavelet-HHH	firstorder	Maximum	193.2161664
wavelet-HHH	firstorder	RootMeanSquared	84.3052263
wavelet-HHH	firstorder	90Percentile	103.8420404
wavelet-HHH	firstorder	Minimum	-220.788112
wavelet-HHH	firstorder	Entropy	3.712682003
wavelet-HHH	firstorder	Range	414.0042784
wavelet-HHH	firstorder	Variance	7105.312701
wavelet-HHH	firstorder	10Percentile	-115.8060463
wavelet-HHH	firstorder	Kurtosis	2.924948535
wavelet-HHH	firstorder	Mean	-1.434740264
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.035847224
wavelet-HHH	glrlm	GrayLevelVariance	11.65452747
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.036327415
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.087387391
wavelet-HHH	glrlm	RunVariance	0.054016999
wavelet-HHH	glrlm	GrayLevelNonUniformity	6.146890001
wavelet-HHH	glrlm	LongRunEmphasis	1.166060289
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	97.2871525
wavelet-HHH	glrlm	RunLengthNonUniformity	63.75615876
wavelet-HHH	glrlm	ShortRunEmphasis	0.960980538
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	117.6631151
wavelet-HHH	glrlm	RunPercentage	0.95010395
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.038330681
wavelet-HHH	glrlm	RunEntropy	3.920228825
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	101.12077
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.904555462
wavelet-HHH	glszm	GrayLevelVariance	18.60408163
wavelet-HHH	glszm	ZoneVariance	3.644081633
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.071020408
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.377959184
wavelet-HHH	glszm	SizeZoneNonUniformity	13.22857143
wavelet-HHH	glszm	GrayLevelNonUniformity	2.485714286
wavelet-HHH	glszm	LargeAreaEmphasis	8.114285714
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	67.09546032
wavelet-HHH	glszm	ZonePercentage	0.472972973
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.144090232
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	812.5428571
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	104.8285714
wavelet-HHH	glszm	SmallAreaEmphasis	0.634714286
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.060146801
wavelet-HHH	glszm	ZoneEntropy	4.629003731
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.055443066
wavelet-HHH	ngtdm	Coarseness	0.071861127
wavelet-HHH	ngtdm	Complexity	291.7815499
wavelet-HHH	ngtdm	Strength	5.690517311
wavelet-HHH	ngtdm	Contrast	0.237657422
wavelet-HHH	ngtdm	Busyness	0.0951371
wavelet-HLL	gldm	GrayLevelVariance	77.76406136
wavelet-HLL	gldm	HighGrayLevelEmphasis	469.1621622
wavelet-HLL	gldm	DependenceEntropy	5.411891879

wavelet-HLL	gldm	DependenceNonUniformity	35.27027027
wavelet-HLL	gldm	GrayLevelNonUniformity	3.189189189
wavelet-HLL	gldm	SmallDependenceEmphasis	0.669388138
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	339.5057245
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.476625274
wavelet-HLL	gldm	LargeDependenceEmphasis	2.594594595
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.02745616
wavelet-HLL	gldm	DependenceVariance	0.38495252
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1093.675676
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018167249
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.019707966
wavelet-HLL	glcm	JointAverage	19.57533078
wavelet-HLL	glcm	SumAverage	39.15066156
wavelet-HLL	glcm	JointEntropy	6.188353434
wavelet-HLL	glcm	ClusterShade	665.4306542
wavelet-HLL	glcm	MaximumProbability	0.025314444
wavelet-HLL	glcm	ldmn	0.924740955
wavelet-HLL	glcm	JointEnergy	0.014362444
wavelet-HLL	glcm	Contrast	152.715312
wavelet-HLL	glcm	DifferenceEntropy	4.06053299
wavelet-HLL	glcm	InverseVariance	0.122629882
wavelet-HLL	glcm	DifferenceVariance	56.44015503
wavelet-HLL	glcm	ldn	0.826629988
wavelet-HLL	glcm	ldm	0.109341101
wavelet-HLL	glcm	Correlation	0.069158061
wavelet-HLL	glcm	Autocorrelation	389.6252496
wavelet-HLL	glcm	SumEntropy	4.63339632
wavelet-HLL	glcm	SumSquares	82.75447974
wavelet-HLL	glcm	ClusterProminence	78172.64926
wavelet-HLL	glcm	lmc2	0.99895314
wavelet-HLL	glcm	lmc1	-0.671085209
wavelet-HLL	glcm	DifferenceAverage	9.506623552
wavelet-HLL	glcm	ld	0.192073385
wavelet-HLL	glcm	ClusterTendency	178.302607
wavelet-HLL	firstorder	InterquartileRange	316.8887015
wavelet-HLL	firstorder	Skewness	0.223657618
wavelet-HLL	firstorder	Uniformity	0.043097151
wavelet-HLL	firstorder	Median	-89.25076238
wavelet-HLL	firstorder	Energy	3746496.507
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	135.5422779
wavelet-HLL	firstorder	MeanAbsoluteDeviation	185.0909891
wavelet-HLL	firstorder	TotalEnergy	101155405.7
wavelet-HLL	firstorder	Maximum	462.4374454
wavelet-HLL	firstorder	RootMeanSquared	225.0074025
wavelet-HLL	firstorder	90Percentile	271.4786839
wavelet-HLL	firstorder	Minimum	-511.4436781
wavelet-HLL	firstorder	Entropy	4.717512447
wavelet-HLL	firstorder	Range	973.8811234
wavelet-HLL	firstorder	Variance	48775.7066
wavelet-HLL	firstorder	10Percentile	-306.6995757
wavelet-HLL	firstorder	Kurtosis	2.332609239
wavelet-HLL	firstorder	Mean	-43.04212561
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.019925337
wavelet-HLL	glrlm	GrayLevelVariance	78.21026266
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.019995132
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.042965075

wavelet-HLL	glrlm	RunVariance	0.018690132
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.120000832
wavelet-HLL	glrlm	LongRunEmphasis	1.057879062
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	465.1247366
wavelet-HLL	glrlm	RunLengthNonUniformity	69.93229015
wavelet-HLL	glrlm	ShortRunEmphasis	0.985530234
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	493.1725527
wavelet-HLL	glrlm	RunPercentage	0.981288981
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.020274312
wavelet-HLL	glrlm	RunEntropy	4.767660846
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	470.7342999
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.962619736
wavelet-HLL	glszm	GrayLevelVariance	85.32110969
wavelet-HLL	glszm	ZoneVariance	0.396683673
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.039540816
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.602678571
wavelet-HLL	glszm	SizeZoneNonUniformity	33.75
wavelet-HLL	glszm	GrayLevelNonUniformity	2.214285714
wavelet-HLL	glszm	LargeAreaEmphasis	2.142857143
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	417.3066716
wavelet-HLL	glszm	ZonePercentage	0.756756757
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.03010189
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	944
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	494.6607143
wavelet-HLL	glszm	SmallAreaEmphasis	0.804191468
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.024497803
wavelet-HLL	glszm	ZoneEntropy	5.302628806
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.023620505
wavelet-HLL	ngtdm	Coarseness	0.056691926
wavelet-HLL	ngtdm	Complexity	2746.394037
wavelet-HLL	ngtdm	Strength	24.20059776
wavelet-HLL	ngtdm	Contrast	1.098810875
wavelet-HLL	ngtdm	Busyness	0.040227457
wavelet-LHL	gldm	GrayLevelVariance	374.9612856
wavelet-LHL	gldm	HighGrayLevelEmphasis	3868.72973
wavelet-LHL	gldm	DependenceEntropy	5.49297296
wavelet-LHL	gldm	DependenceNonUniformity	47.2972973
wavelet-LHL	gldm	GrayLevelNonUniformity	2.189189189
wavelet-LHL	gldm	SmallDependenceEmphasis	0.826576577
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	3276.056306
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.639152666
wavelet-LHL	gldm	LargeDependenceEmphasis	2.054054054
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014686617
wavelet-LHL	gldm	DependenceVariance	0.371073776
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	7254.918919
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014292287
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.014345248
wavelet-LHL	glcm	JointAverage	61.28016125
wavelet-LHL	glcm	SumAverage	122.5603225
wavelet-LHL	glcm	JointEntropy	6.281496672
wavelet-LHL	glcm	ClusterShade	-17517.00758
wavelet-LHL	glcm	MaximumProbability	0.019745845
wavelet-LHL	glcm	ldmn	0.926909491
wavelet-LHL	glcm	JointEnergy	0.013108091
wavelet-LHL	glcm	Contrast	818.0662469
wavelet-LHL	glcm	DifferenceEntropy	4.456692426

wavelet-LHL	glcm	InverseVariance	0.058903669
wavelet-LHL	glcm	DifferenceVariance	319.2828955
wavelet-LHL	glcm	Idn	0.833196841
wavelet-LHL	glcm	Idm	0.055475313
wavelet-LHL	glcm	Correlation	-0.110292394
wavelet-LHL	glcm	Autocorrelation	3710.101361
wavelet-LHL	glcm	SumEntropy	4.916789647
wavelet-LHL	glcm	SumSquares	363.0648007
wavelet-LHL	glcm	ClusterProminence	2542730.172
wavelet-LHL	glcm	Imc2	0.999814761
wavelet-LHL	glcm	Imc1	-0.775709312
wavelet-LHL	glcm	DifferenceAverage	20.81260784
wavelet-LHL	glcm	Id	0.11664833
wavelet-LHL	glcm	ClusterTendency	634.1929559
wavelet-LHL	firstorder	InterquartileRange	514.1085223
wavelet-LHL	firstorder	Skewness	-0.98533325
wavelet-LHL	firstorder	Uniformity	0.029583638
wavelet-LHL	firstorder	Median	-34.92489167
wavelet-LHL	firstorder	Energy	17765845.29
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	216.4670734
wavelet-LHL	firstorder	MeanAbsoluteDeviation	358.8347904
wavelet-LHL	firstorder	TotalEnergy	479677822.7
wavelet-LHL	firstorder	Maximum	687.4492323
wavelet-LHL	firstorder	RootMeanSquared	489.9785611
wavelet-LHL	firstorder	90Percentile	492.3210407
wavelet-LHL	firstorder	Minimum	-1534.796649
wavelet-LHL	firstorder	Entropy	5.266555561
wavelet-LHL	firstorder	Range	2222.245882
wavelet-LHL	firstorder	Variance	233162.4893
wavelet-LHL	firstorder	10Percentile	-693.9423743
wavelet-LHL	firstorder	Kurtosis	4.025394186
wavelet-LHL	firstorder	Mean	-83.16550378
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.014508355
wavelet-LHL	glrlm	GrayLevelVariance	378.9199514
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.014511169
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.029347556
wavelet-LHL	glrlm	RunVariance	0.011419973
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.147306224
wavelet-LHL	glrlm	LongRunEmphasis	1.03548336
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	3846.460953
wavelet-LHL	glrlm	RunLengthNonUniformity	71.51974321
wavelet-LHL	glrlm	ShortRunEmphasis	0.99112916
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	3992.233711
wavelet-LHL	glrlm	RunPercentage	0.988565489
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014522423
wavelet-LHL	glrlm	RunEntropy	5.298630385
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	3875.615505
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.977160055
wavelet-LHL	glszm	GrayLevelVariance	421.5540828
wavelet-LHL	glszm	ZoneVariance	0.180828402
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.027218935
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.803076923
wavelet-LHL	glszm	SizeZoneNonUniformity	52.2
wavelet-LHL	glszm	GrayLevelNonUniformity	1.769230769
wavelet-LHL	glszm	LargeAreaEmphasis	1.476923077
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	3636.476496

wavelet-LHL	glszm	ZonePercentage	0.878378378
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.016438939
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	5516
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	3935.307692
wavelet-LHL	glszm	SmallAreaEmphasis	0.914957265
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.016288859
wavelet-LHL	glszm	ZoneEntropy	5.506832813
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016263628
wavelet-LHL	ngtdm	Coarseness	0.034603668
wavelet-LHL	ngtdm	Complexity	20657.80939
wavelet-LHL	ngtdm	Strength	67.66412821
wavelet-LHL	ngtdm	Contrast	6.340213664
wavelet-LHL	ngtdm	Busyness	0.014133808
wavelet-LHH	gldm	GrayLevelVariance	21.54656684
wavelet-LHH	gldm	HighGrayLevelEmphasis	178.472973
wavelet-LHH	gldm	DependenceEntropy	4.883251129
wavelet-LHH	gldm	DependenceNonUniformity	23.27027027
wavelet-LHH	gldm	GrayLevelNonUniformity	5.378378378
wavelet-LHH	gldm	SmallDependenceEmphasis	0.540142643
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	90.71081456
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.314463112
wavelet-LHH	gldm	LargeDependenceEmphasis	4.864864865
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.050221115
wavelet-LHH	gldm	DependenceVariance	1.07815924
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	954.1216216
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.024326007
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.027356271
wavelet-LHH	glcm	JointAverage	12.76979935
wavelet-LHH	glcm	SumAverage	25.53959869
wavelet-LHH	glcm	JointEntropy	5.867519616
wavelet-LHH	glcm	ClusterShade	-91.56692315
wavelet-LHH	glcm	MaximumProbability	0.043882727
wavelet-LHH	glcm	ldmn	0.944062928
wavelet-LHH	glcm	JointEnergy	0.019367562
wavelet-LHH	glcm	Contrast	42.53697313
wavelet-LHH	glcm	DifferenceEntropy	3.337582683
wavelet-LHH	glcm	InverseVariance	0.18862771
wavelet-LHH	glcm	DifferenceVariance	16.58840818
wavelet-LHH	glcm	ldn	0.846868628
wavelet-LHH	glcm	ldm	0.181888215
wavelet-LHH	glcm	Correlation	-0.039327287
wavelet-LHH	glcm	Autocorrelation	162.3753077
wavelet-LHH	glcm	SumEntropy	4.023072102
wavelet-LHH	glcm	SumSquares	20.47654529
wavelet-LHH	glcm	ClusterProminence	5396.117853
wavelet-LHH	glcm	lmc2	0.989900318
wavelet-LHH	glcm	lmc1	-0.507274613
wavelet-LHH	glcm	DifferenceAverage	5.023095134
wavelet-LHH	glcm	ld	0.276799409
wavelet-LHH	glcm	ClusterTendency	39.36920802
wavelet-LHH	firstorder	InterquartileRange	156.9012733
wavelet-LHH	firstorder	Skewness	-0.203542054
wavelet-LHH	firstorder	Uniformity	0.072680789
wavelet-LHH	firstorder	Median	-22.5403036
wavelet-LHH	firstorder	Energy	1055342.286
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	61.2996421



wavelet-LHH	firstorder	MeanAbsoluteDeviation	90.9398941
wavelet-LHH	firstorder	TotalEnergy	28494241.73
wavelet-LHH	firstorder	Maximum	290.4915363
wavelet-LHH	firstorder	RootMeanSquared	119.4210293
wavelet-LHH	firstorder	90Percentile	107.3155112
wavelet-LHH	firstorder	Minimum	-305.1454925
wavelet-LHH	firstorder	Entropy	4.072789393
wavelet-LHH	firstorder	Range	595.6370288
wavelet-LHH	firstorder	Variance	13667.77886
wavelet-LHH	firstorder	10Percentile	-178.3663175
wavelet-LHH	firstorder	Kurtosis	2.985765525
wavelet-LHH	firstorder	Mean	-24.36397734
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.027998025
wavelet-LHH	grlm	GrayLevelVariance	21.99031752
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.028174606
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.070957056
wavelet-LHH	grlm	RunVariance	0.03620969
wavelet-LHH	grlm	GrayLevelNonUniformity	5.062686182
wavelet-LHH	grlm	LongRunEmphasis	1.115561562
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	171.973977
wavelet-LHH	grlm	RunLengthNonUniformity	66.23949862
wavelet-LHH	grlm	ShortRunEmphasis	0.971109609
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	200.6322652
wavelet-LHH	grlm	RunPercentage	0.963617464
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.028880932
wavelet-LHH	grlm	RunEntropy	4.221486409
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	177.7056347
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.927580619
wavelet-LHH	glszm	GrayLevelVariance	28.01323251
wavelet-LHH	glszm	ZoneVariance	1.49905482
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.058601134
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.542533081
wavelet-LHH	glszm	SizeZoneNonUniformity	24.95652174
wavelet-LHH	glszm	GrayLevelNonUniformity	2.695652174
wavelet-LHH	glszm	LargeAreaEmphasis	4.086956522
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	126.3410024
wavelet-LHH	glszm	ZonePercentage	0.621621622
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.058219684
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	796.1521739
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	167.8695652
wavelet-LHH	glszm	SmallAreaEmphasis	0.762910628
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.040170803
wavelet-LHH	glszm	ZoneEntropy	4.567040217
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.038406063
wavelet-LHH	ngtdm	Coarseness	0.071187864
wavelet-LHH	ngtdm	Complexity	663.7396297
wavelet-LHH	ngtdm	Strength	10.42546792
wavelet-LHH	ngtdm	Contrast	0.350273739
wavelet-LHH	ngtdm	Busyness	0.051783552
wavelet-LLH	gldm	GrayLevelVariance	97.68462381
wavelet-LLH	gldm	HighGrayLevelEmphasis	500.3918919
wavelet-LLH	gldm	DependenceEntropy	5.195675663
wavelet-LLH	gldm	DependenceNonUniformity	31.27027027
wavelet-LLH	gldm	GrayLevelNonUniformity	3
wavelet-LLH	gldm	SmallDependenceEmphasis	0.662537538
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	327.5510511

wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.42257122
wavelet-LLH	gldm	LargeDependenceEmphasis	3.378378378
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.056547663
wavelet-LLH	gldm	DependenceVariance	0.748721695
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1500.554054
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023615849
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.026677974
wavelet-LLH	glcm	JointAverage	18.69917359
wavelet-LLH	glcm	SumAverage	37.39834718
wavelet-LLH	glcm	JointEntropy	6.211996995
wavelet-LLH	glcm	ClusterShade	887.6895185
wavelet-LLH	glcm	MaximumProbability	0.024083646
wavelet-LLH	glcm	ldmn	0.9307105
wavelet-LLH	glcm	JointEnergy	0.014033709
wavelet-LLH	glcm	Contrast	149.0524203
wavelet-LLH	glcm	DifferenceEntropy	3.98409544
wavelet-LLH	glcm	InverseVariance	0.095127888
wavelet-LLH	glcm	DifferenceVariance	45.31894228
wavelet-LLH	glcm	ldn	0.828636787
wavelet-LLH	glcm	ldm	0.103643944
wavelet-LLH	glcm	Correlation	0.295898104
wavelet-LLH	glcm	Autocorrelation	379.7830223
wavelet-LLH	glcm	SumEntropy	4.711866555
wavelet-LLH	glcm	SumSquares	104.5859452
wavelet-LLH	glcm	ClusterProminence	174694.5723
wavelet-LLH	glcm	lmc2	0.999245363
wavelet-LLH	glcm	lmc1	-0.691383119
wavelet-LLH	glcm	DifferenceAverage	9.666163661
wavelet-LLH	glcm	ld	0.186272662
wavelet-LLH	glcm	ClusterTendency	269.2913607
wavelet-LLH	firstorder	InterquartileRange	344.6373658
wavelet-LLH	firstorder	Skewness	-0.036773975
wavelet-LLH	firstorder	Uniformity	0.040540541
wavelet-LLH	firstorder	Median	85.21458165
wavelet-LLH	firstorder	Energy	4663306.039
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	149.2883794
wavelet-LLH	firstorder	MeanAbsoluteDeviation	206.2241142
wavelet-LLH	firstorder	TotalEnergy	125909263.1
wavelet-LLH	firstorder	Maximum	577.9283256
wavelet-LLH	firstorder	RootMeanSquared	251.0331635
wavelet-LLH	firstorder	90Percentile	331.8714808
wavelet-LLH	firstorder	Minimum	-426.6656247
wavelet-LLH	firstorder	Entropy	4.805746569
wavelet-LLH	firstorder	Range	1004.59395
wavelet-LLH	firstorder	Variance	61435.97743
wavelet-LLH	firstorder	10Percentile	-314.7890673
wavelet-LLH	firstorder	Kurtosis	2.286630687
wavelet-LLH	firstorder	Mean	39.77023703
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.026862792
wavelet-LLH	glrlm	GrayLevelVariance	97.41370542
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.027069356
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.040453068
wavelet-LLH	glrlm	RunVariance	0.023843993
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.921944351
wavelet-LLH	glrlm	LongRunEmphasis	1.074983475
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	492.7603434

wavelet-LLH	glrlm	RunLengthNonUniformity	68.85303094
wavelet-LLH	glrlm	ShortRunEmphasis	0.981254131
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	535.9144638
wavelet-LLH	glrlm	RunPercentage	0.976091476
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.027895615
wavelet-LLH	glrlm	RunEntropy	4.864693309
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	501.3911675
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.952312013
wavelet-LLH	glszm	GrayLevelVariance	96.4630102
wavelet-LLH	glszm	ZoneVariance	0.432397959
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.040816327
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.618622449
wavelet-LLH	glszm	SizeZoneNonUniformity	34.64285714
wavelet-LLH	glszm	GrayLevelNonUniformity	2.285714286
wavelet-LLH	glszm	LargeAreaEmphasis	2.178571429
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	397.5208333
wavelet-LLH	glszm	ZonePercentage	0.756756757
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.044326266
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1083.517857
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	495.0357143
wavelet-LLH	glszm	SmallAreaEmphasis	0.815104167
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.032286514
wavelet-LLH	glszm	ZoneEntropy	5.137537511
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.030762773
wavelet-LLH	ngtdm	Coarseness	0.064409676
wavelet-LLH	ngtdm	Complexity	2926.218037
wavelet-LLH	ngtdm	Strength	34.736984
wavelet-LLH	ngtdm	Contrast	1.100337822
wavelet-LLH	ngtdm	Busyness	0.027446147
wavelet-LLL	gldm	GrayLevelVariance	335.6546749
wavelet-LLL	gldm	HighGrayLevelEmphasis	2060.148649
wavelet-LLL	gldm	DependenceEntropy	5.574054041
wavelet-LLL	gldm	DependenceNonUniformity	49.10810811
wavelet-LLL	gldm	GrayLevelNonUniformity	2.135135135
wavelet-LLL	gldm	SmallDependenceEmphasis	0.842342342
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1694.403153
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.663623083
wavelet-LLL	gldm	LargeDependenceEmphasis	1.810810811
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.01515083
wavelet-LLL	gldm	DependenceVariance	0.265157049
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3955.743243
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.014482656
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.014601282
wavelet-LLL	glcm	JointAverage	44.7148408
wavelet-LLL	glcm	SumAverage	89.42968159
wavelet-LLL	glcm	JointEntropy	6.291849892
wavelet-LLL	glcm	ClusterShade	-3057.503937
wavelet-LLL	glcm	MaximumProbability	0.022069451
wavelet-LLL	glcm	Idmn	0.942040918
wavelet-LLL	glcm	JointEnergy	0.013035311
wavelet-LLL	glcm	Contrast	429.4926596
wavelet-LLL	glcm	DifferenceEntropy	4.50430692
wavelet-LLL	glcm	InverseVariance	0.04474155
wavelet-LLL	glcm	DifferenceVariance	127.3346899
wavelet-LLL	glcm	Idn	0.83623496
wavelet-LLL	glcm	Idm	0.046060006

wavelet-LLL	glcm	Correlation	0.308376522
wavelet-LLL	glcm	Autocorrelation	2095.35253
wavelet-LLL	glcm	SumEntropy	4.980737634
wavelet-LLL	glcm	SumSquares	308.2837948
wavelet-LLL	glcm	ClusterProminence	1509708.598
wavelet-LLL	glcm	Imc2	0.999823715
wavelet-LLL	glcm	Imc1	-0.778092891
wavelet-LLL	glcm	DifferenceAverage	17.01827259
wavelet-LLL	glcm	Id	0.111640949
wavelet-LLL	glcm	ClusterTendency	803.6425196
wavelet-LLL	firstorder	InterquartileRange	802.3116546
wavelet-LLL	firstorder	Skewness	0.124166053
wavelet-LLL	firstorder	Uniformity	0.028853178
wavelet-LLL	firstorder	Median	-677.4175649
wavelet-LLL	firstorder	Energy	49013434.73
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	295.3303468
wavelet-LLL	firstorder	MeanAbsoluteDeviation	388.7784251
wavelet-LLL	firstorder	TotalEnergy	1323362738
wavelet-LLL	firstorder	Maximum	279.4836806
wavelet-LLL	firstorder	RootMeanSquared	813.8450175
wavelet-LLL	firstorder	90Percentile	-81.96140886
wavelet-LLL	firstorder	Minimum	-1683.043489
wavelet-LLL	firstorder	Entropy	5.342710589
wavelet-LLL	firstorder	Range	1962.527169
wavelet-LLL	firstorder	Variance	209584.5863
wavelet-LLL	firstorder	10Percentile	-1222.83974
wavelet-LLL	firstorder	Kurtosis	2.093822388
wavelet-LLL	firstorder	Mean	-672.8737818
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.014728426
wavelet-LLL	glrlm	GrayLevelVariance	336.7664381
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.014733465
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.028696227
wavelet-LLL	glrlm	RunVariance	0.00935254
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.103696162
wavelet-LLL	glrlm	LongRunEmphasis	1.028538813
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2040.959837
wavelet-LLL	glrlm	RunLengthNonUniformity	71.9463763
wavelet-LLL	glrlm	ShortRunEmphasis	0.992865297
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2124.074574
wavelet-LLL	glrlm	RunPercentage	0.990644491
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.01475362
wavelet-LLL	glrlm	RunEntropy	5.36666975
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2057.582784
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.981294921
wavelet-LLL	glszm	GrayLevelVariance	347.3939394
wavelet-LLL	glszm	ZoneVariance	0.136822773
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.026629936
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.807621671
wavelet-LLL	glszm	SizeZoneNonUniformity	53.3030303
wavelet-LLL	glszm	GrayLevelNonUniformity	1.757575758
wavelet-LLL	glszm	LargeAreaEmphasis	1.393939394
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1839.523148
wavelet-LLL	glszm	ZonePercentage	0.891891892
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.0165639
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2945.560606
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2028.393939

wavelet-LLL	glszm	SmallAreaEmphasis	0.918350168
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.016281062
wavelet-LLL	glszm	ZoneEntropy	5.585838627
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016217364
wavelet-LLL	ngtdm	Coarseness	0.041099842
wavelet-LLL	ngtdm	Complexity	14207.70332
wavelet-LLL	ngtdm	Strength	83.4223427
wavelet-LLL	ngtdm	Contrast	3.508339882
wavelet-LLL	ngtdm	Busyness	0.017345127
wavelet-HHL	gldm	GrayLevelVariance	28.1638057
wavelet-HHL	gldm	HighGrayLevelEmphasis	154.8783784
wavelet-HHL	gldm	DependenceEntropy	4.957707548
wavelet-HHL	gldm	DependenceNonUniformity	30.05405405
wavelet-HHL	gldm	GrayLevelNonUniformity	4.594594595
wavelet-HHL	gldm	SmallDependenceEmphasis	0.616625375
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	95.48620495
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.406135866
wavelet-HHL	gldm	LargeDependenceEmphasis	3.378378378
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.182229586
wavelet-HHL	gldm	DependenceVariance	0.660336012
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	442.8783784
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.029473566
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.055153279
wavelet-HHL	glcm	JointAverage	10.7669084
wavelet-HHL	glcm	SumAverage	21.5338168
wavelet-HHL	glcm	JointEntropy	6.065794699
wavelet-HHL	glcm	ClusterShade	25.58722007
wavelet-HHL	glcm	MaximumProbability	0.029617252
wavelet-HHL	glcm	Idmn	0.921558463
wavelet-HHL	glcm	JointEnergy	0.015950949
wavelet-HHL	glcm	Contrast	62.98829058
wavelet-HHL	glcm	DifferenceEntropy	3.655537374
wavelet-HHL	glcm	InverseVariance	0.167094011
wavelet-HHL	glcm	DifferenceVariance	24.01336435
wavelet-HHL	glcm	Idn	0.820170722
wavelet-HHL	glcm	Idm	0.148106103
wavelet-HHL	glcm	Correlation	-0.10028326
wavelet-HHL	glcm	Autocorrelation	113.0722017
wavelet-HHL	glcm	SumEntropy	4.171653422
wavelet-HHL	glcm	SumSquares	28.57362592
wavelet-HHL	glcm	ClusterProminence	8694.834022
wavelet-HHL	glcm	Imc2	0.993457189
wavelet-HHL	glcm	Imc1	-0.531845669
wavelet-HHL	glcm	DifferenceAverage	6.179902659
wavelet-HHL	glcm	Id	0.240618484
wavelet-HHL	glcm	ClusterTendency	51.3062131
wavelet-HHL	firstorder	InterquartileRange	169.6340484
wavelet-HHL	firstorder	Skewness	0.19708142
wavelet-HHL	firstorder	Uniformity	0.062089116
wavelet-HHL	firstorder	Median	28.86833371
wavelet-HHL	firstorder	Energy	1306398.157
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	71.90724964
wavelet-HHL	firstorder	MeanAbsoluteDeviation	104.9346436
wavelet-HHL	firstorder	TotalEnergy	35272750.23
wavelet-HHL	firstorder	Maximum	357.7783485
wavelet-HHL	firstorder	RootMeanSquared	132.8684656

wavelet-HHL	firstorder	90Percentile	186.0271785
wavelet-HHL	firstorder	Minimum	-236.4230248
wavelet-HHL	firstorder	Entropy	4.170696319
wavelet-HHL	firstorder	Range	594.2013733
wavelet-HHL	firstorder	Variance	17264.93465
wavelet-HHL	firstorder	10Percentile	-149.681438
wavelet-HHL	firstorder	Kurtosis	2.698835318
wavelet-HHL	firstorder	Mean	19.72547835
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.053919121
wavelet-HHL	grlm	GrayLevelVariance	28.15976536
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.055058454
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.062042329
wavelet-HHL	grlm	RunVariance	0.024913297
wavelet-HHL	grlm	GrayLevelNonUniformity	4.476583658
wavelet-HHL	grlm	LongRunEmphasis	1.077472421
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	152.7346722
wavelet-HHL	grlm	RunLengthNonUniformity	68.59120356
wavelet-HHL	grlm	ShortRunEmphasis	0.980631895
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	165.8989019
wavelet-HHL	grlm	RunPercentage	0.975051975
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.059615788
wavelet-HHL	grlm	RunEntropy	4.245575205
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	155.3675181
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.950173405
wavelet-HHL	glszm	GrayLevelVariance	28.19722321
wavelet-HHL	glszm	ZoneVariance	0.578853685
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.062299751
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.560697757
wavelet-HHL	glszm	SizeZoneNonUniformity	29.71698113
wavelet-HHL	glszm	GrayLevelNonUniformity	3.301886792
wavelet-HHL	glszm	LargeAreaEmphasis	2.528301887
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	119.4129979
wavelet-HHL	glszm	ZonePercentage	0.716216216
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.136598246
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	354.6981132
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	157.6415094
wavelet-HHL	glszm	SmallAreaEmphasis	0.77591195
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.052170228
wavelet-HHL	glszm	ZoneEntropy	4.711424172
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.035346276
wavelet-HHL	ngtdm	Coarseness	0.060961134
wavelet-HHL	ngtdm	Complexity	787.8079759
wavelet-HHL	ngtdm	Strength	9.033174767
wavelet-HHL	ngtdm	Contrast	0.610511923
wavelet-HHL	ngtdm	Busyness	0.093751017
wavelet-HLH	gldm	GrayLevelVariance	38.75693937
wavelet-HLH	gldm	HighGrayLevelEmphasis	246.6621622
wavelet-HLH	gldm	DependenceEntropy	5.148246271
wavelet-HLH	gldm	DependenceNonUniformity	25.67567568
wavelet-HLH	gldm	GrayLevelNonUniformity	4.432432432
wavelet-HLH	gldm	SmallDependenceEmphasis	0.568975225
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	160.9961524
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.34696859
wavelet-HLH	gldm	LargeDependenceEmphasis	4.081081081
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053822133
wavelet-HLH	gldm	DependenceVariance	0.802045289

wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	885.2027027
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02122797
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.02628869
wavelet-HLH	glcm	JointAverage	14.36936916
wavelet-HLH	glcm	SumAverage	28.73873832
wavelet-HLH	glcm	JointEntropy	6.071442081
wavelet-HLH	glcm	ClusterShade	36.79473468
wavelet-HLH	glcm	MaximumProbability	0.031532199
wavelet-HLH	glcm	ldmn	0.929230544
wavelet-HLH	glcm	JointEnergy	0.015900789
wavelet-HLH	glcm	Contrast	81.10999568
wavelet-HLH	glcm	DifferenceEntropy	3.772671525
wavelet-HLH	glcm	InverseVariance	0.147772938
wavelet-HLH	glcm	DifferenceVariance	31.03382395
wavelet-HLH	glcm	ldn	0.830470268
wavelet-HLH	glcm	ldm	0.147249013
wavelet-HLH	glcm	Correlation	-0.007758236
wavelet-HLH	glcm	Autocorrelation	206.1848182
wavelet-HLH	glcm	SumEntropy	4.360479245
wavelet-HLH	glcm	SumSquares	40.21724627
wavelet-HLH	glcm	ClusterProminence	20764.68129
wavelet-HLH	glcm	lmc2	0.995838088
wavelet-HLH	glcm	lmc1	-0.571366648
wavelet-HLH	glcm	DifferenceAverage	6.910227329
wavelet-HLH	glcm	ld	0.23615397
wavelet-HLH	glcm	ClusterTendency	79.75898941
wavelet-HLH	firstorder	InterquartileRange	186.776562
wavelet-HLH	firstorder	Skewness	0.144960175
wavelet-HLH	firstorder	Uniformity	0.059897736
wavelet-HLH	firstorder	Median	-7.083501321
wavelet-HLH	firstorder	Energy	1793561.762
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	77.8325183
wavelet-HLH	firstorder	MeanAbsoluteDeviation	121.0970057
wavelet-HLH	firstorder	TotalEnergy	48426167.57
wavelet-HLH	firstorder	Maximum	384.8071573
wavelet-HLH	firstorder	RootMeanSquared	155.6834002
wavelet-HLH	firstorder	90Percentile	190.7092948
wavelet-HLH	firstorder	Minimum	-342.9876373
wavelet-HLH	firstorder	Entropy	4.310541124
wavelet-HLH	firstorder	Range	727.7947946
wavelet-HLH	firstorder	Variance	24231.18722
wavelet-HLH	firstorder	10Percentile	-207.290573
wavelet-HLH	firstorder	Kurtosis	2.917741135
wavelet-HLH	firstorder	Mean	-2.476667475
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.026576483
wavelet-HLH	glrlm	GrayLevelVariance	39.38642198
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.026820114
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.059413464
wavelet-HLH	glrlm	RunVariance	0.03111528
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.259853487
wavelet-HLH	glrlm	LongRunEmphasis	1.097714719
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	243.0379871
wavelet-HLH	glrlm	RunLengthNonUniformity	67.28213129
wavelet-HLH	glrlm	ShortRunEmphasis	0.97557132
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	268.020165
wavelet-HLH	glrlm	RunPercentage	0.968814969

wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.027794636
wavelet-HLH	glrlm	RunEntropy	4.421956654
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	248.0344227
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.937769441
wavelet-HLH	glszm	GrayLevelVariance	46.98958767
wavelet-HLH	glszm	ZoneVariance	0.862140775
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.052894627
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.541024573
wavelet-HLH	glszm	SizeZoneNonUniformity	26.51020408
wavelet-HLH	glszm	GrayLevelNonUniformity	2.591836735
wavelet-HLH	glszm	LargeAreaEmphasis	3.142857143
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	223.7365986
wavelet-HLH	glszm	ZonePercentage	0.662162162
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.054241274
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	715.5714286
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	268.9387755
wavelet-HLH	glszm	SmallAreaEmphasis	0.760595238
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.03414945
wavelet-HLH	glszm	ZoneEntropy	4.971653211
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.030806317
wavelet-HLH	ngtdm	Coarseness	0.056505496
wavelet-HLH	ngtdm	Complexity	1425.712492
wavelet-HLH	ngtdm	Strength	14.92055455
wavelet-HLH	ngtdm	Contrast	0.603498809
wavelet-HLH	ngtdm	Busyness	0.052204701



Image type	Feature Class	Feature Name	
general	info	BoundingBox	26: RTSTRUCT: C99-DNU_A_segment_ITV (1, 1, 1, 5, 5, 4)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	da8b268a824d4b0ed7c7673532aa4bbbba8e19d5
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	4b637127c3d8d15ca87470d25f92b04acde15de7
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	70
original	shape	Maximum3DDiameter	16.15549442
original	shape	Maximum2DDiameterSlice	15
original	shape	Sphericity	0.886654392
original	shape	MinorAxis	14.51989822
original	shape	Elongation	0.925406967
original	shape	SurfaceVolumeRatio	0.441139372
original	shape	Volume	1890
original	shape	MajorAxis	15.6902841
original	shape	SurfaceArea	833.7534122
original	shape	Flatness	0.762450405
original	shape	LeastAxis	11.96306347
original	shape	Maximum2DDiameterColumn	15
original	shape	Maximum2DDiameterRow	15
original	gldm	GrayLevelVariance	87.63265306
original	gldm	HighGrayLevelEmphasis	603.5714286
original	gldm	DependenceEntropy	5.114718017
original	gldm	DependenceNonUniformity	18.45714286
original	gldm	GrayLevelNonUniformity	4.571428571
original	gldm	SmallDependenceEmphasis	0.48160119
original	gldm	SmallDependenceHighGrayLevelEmphasis	191.5629663
original	gldm	DependenceNonUniformityNormalized	0.263673469
original	gldm	LargeDependenceEmphasis	8.371428571
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.032661739
original	gldm	DependenceVariance	2.747755102
original	gldm	LargeDependenceHighGrayLevelEmphasis	7353.714286
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.022341884
original	gldm	LowGrayLevelEmphasis	0.023303469
original	glcm	JointAverage	24.74317309
original	glcm	SumAverage	49.48634619
original	glcm	JointEntropy	5.823707364
original	glcm	ClusterShade	-1823.942977
original	glcm	MaximumProbability	0.048988506

original	glcm	Idmn	0.913108307
original	glcm	JointEnergy	0.020151593
original	glcm	Contrast	128.8593015
original	glcm	DifferenceEntropy	3.830401986
original	glcm	InverseVariance	0.219487175
original	glcm	DifferenceVariance	63.18281626
original	glcm	Idn	0.830934858
original	glcm	Idm	0.21950571
original	glcm	Correlation	0.125491439
original	glcm	Autocorrelation	622.4640038
original	glcm	SumEntropy	4.375074485
original	glcm	SumSquares	74.37541113
original	glcm	ClusterProminence	79957.64474
original	glcm	Imc2	0.9916619
original	glcm	Imc1	-0.525478143
original	glcm	DifferenceAverage	8.062969141
original	glcm	Id	0.285623682
original	glcm	ClusterTendency	168.642343
original	firstorder	InterquartileRange	364.75
original	firstorder	Skewness	-0.764721249
original	firstorder	Uniformity	0.065306122
original	firstorder	Median	-72.5
original	firstorder	Energy	6527932
original	firstorder	RobustMeanAbsoluteDeviation	160.2142857
original	firstorder	MeanAbsoluteDeviation	203.1126531
original	firstorder	TotalEnergy	176254164
original	firstorder	Maximum	68
original	firstorder	RootMeanSquared	305.3787344
original	firstorder	90Percentile	29.3
original	firstorder	Minimum	-747
original	firstorder	Entropy	4.260529532
original	firstorder	Range	815
original	firstorder	Variance	54582.13959
original	firstorder	10Percentile	-528.5
original	firstorder	Kurtosis	2.295310357
original	firstorder	Mean	-196.6571429
original	glrlm	ShortRunLowGrayLevelEmphasis	0.024470941
original	glrlm	GrayLevelVariance	88.57834089
original	glrlm	LowGrayLevelRunEmphasis	0.024531226
original	glrlm	GrayLevelNonUniformityNormalized	0.062155523
original	glrlm	RunVariance	0.054904708
original	glrlm	GrayLevelNonUniformity	4.123548406
original	glrlm	LongRunEmphasis	1.17093967
original	glrlm	ShortRunHighGrayLevelEmphasis	551.8018539
original	glrlm	RunLengthNonUniformity	59.5212551
original	glrlm	ShortRunEmphasis	0.958600553
original	glrlm	LongRunHighGrayLevelEmphasis	738.5130301
original	glrlm	RunPercentage	0.947252747
original	glrlm	LongRunLowGrayLevelEmphasis	0.024777925
original	glrlm	RunEntropy	4.473476642
original	glrlm	HighGrayLevelRunEmphasis	588.1173797
original	glrlm	RunLengthNonUniformityNormalized	0.896838722
original	glszm	GrayLevelVariance	86.6469428
original	glszm	ZoneVariance	3.239973702
original	glszm	GrayLevelNonUniformityNormalized	0.04799474
original	glszm	SizeZoneNonUniformityNormalized	0.525312295

original	glszm	SizeZoneNonUniformity	20.48717949
original	glszm	GrayLevelNonUniformity	1.871794872
original	glszm	LargeAreaEmphasis	6.461538462
original	glszm	SmallAreaHighGrayLevelEmphasis	257.2742429
original	glszm	ZonePercentage	0.557142857
original	glszm	LargeAreaLowGrayLevelEmphasis	0.047707373
original	glszm	LargeAreaHighGrayLevelEmphasis	5360.102564
original	glszm	HighGrayLevelZoneEmphasis	424.6410256
original	glszm	SmallAreaEmphasis	0.746516876
original	glszm	LowGrayLevelZoneEmphasis	0.040491393
original	glszm	ZoneEntropy	4.753225616
original	glszm	SmallAreaLowGrayLevelEmphasis	0.039850822
original	ngtdm	Coarseness	0.042448214
original	ngtdm	Complexity	2197.299203
original	ngtdm	Strength	22.03364205
original	ngtdm	Contrast	1.932063378
original	ngtdm	Busyness	0.036075171
wavelet-HHH	gldm	GrayLevelVariance	15.36836735
wavelet-HHH	gldm	HighGrayLevelEmphasis	189.9857143
wavelet-HHH	gldm	DependenceEntropy	5.05757516
wavelet-HHH	gldm	DependenceNonUniformity	21.14285714
wavelet-HHH	gldm	GrayLevelNonUniformity	6.6
wavelet-HHH	gldm	SmallDependenceEmphasis	0.543946307
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	101.8573254
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.302040816
wavelet-HHH	gldm	LargeDependenceEmphasis	6.742857143
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.054840772
wavelet-HHH	gldm	DependenceVariance	2.151020408
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1265.128571
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019835929
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.022393743
wavelet-HHH	glcm	JointAverage	13.33556335
wavelet-HHH	glcm	SumAverage	26.67112671
wavelet-HHH	glcm	JointEntropy	5.778559224
wavelet-HHH	glcm	ClusterShade	-80.87985341
wavelet-HHH	glcm	MaximumProbability	0.053648177
wavelet-HHH	glcm	ldmn	0.937450789
wavelet-HHH	glcm	JointEnergy	0.020986188
wavelet-HHH	glcm	Contrast	33.64751892
wavelet-HHH	glcm	DifferenceEntropy	3.277781493
wavelet-HHH	glcm	InverseVariance	0.221590318
wavelet-HHH	glcm	DifferenceVariance	13.09504946
wavelet-HHH	glcm	ldn	0.839151168
wavelet-HHH	glcm	ldm	0.211863845
wavelet-HHH	glcm	Correlation	-0.039436388
wavelet-HHH	glcm	Autocorrelation	177.2777358
wavelet-HHH	glcm	SumEntropy	3.918664587
wavelet-HHH	glcm	SumSquares	16.2528194
wavelet-HHH	glcm	ClusterProminence	3287.145053
wavelet-HHH	glcm	lmc2	0.984065742
wavelet-HHH	glcm	lmc1	-0.464863544
wavelet-HHH	glcm	DifferenceAverage	4.496007575
wavelet-HHH	glcm	ld	0.302206428
wavelet-HHH	glcm	ClusterTendency	31.3637587
wavelet-HHH	firstorder	InterquartileRange	119.6136984
wavelet-HHH	firstorder	Skewness	-0.657170721

wavelet-HHH	firstorder	Uniformity	0.094285714
wavelet-HHH	firstorder	Median	6.819768503
wavelet-HHH	firstorder	Energy	687584.0427
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	49.57939847
wavelet-HHH	firstorder	MeanAbsoluteDeviation	75.84963426
wavelet-HHH	firstorder	TotalEnergy	18564769.15
wavelet-HHH	firstorder	Maximum	179.0794705
wavelet-HHH	firstorder	RootMeanSquared	99.10917809
wavelet-HHH	firstorder	90Percentile	105.5053999
wavelet-HHH	firstorder	Minimum	-322.7409107
wavelet-HHH	firstorder	Entropy	3.750204184
wavelet-HHH	firstorder	Range	501.8203811
wavelet-HHH	firstorder	Variance	9775.900699
wavelet-HHH	firstorder	10Percentile	-141.2917221
wavelet-HHH	firstorder	Kurtosis	3.622687784
wavelet-HHH	firstorder	Mean	-6.835823501
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.022986921
wavelet-HHH	grlm	GrayLevelVariance	15.9381733
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.023179473
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.089962433
wavelet-HHH	grlm	RunVariance	0.046053735
wavelet-HHH	grlm	GrayLevelNonUniformity	6.026061217
wavelet-HHH	grlm	LongRunEmphasis	1.143037376
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	183.4490174
wavelet-HHH	grlm	RunLengthNonUniformity	61.31454917
wavelet-HHH	grlm	ShortRunEmphasis	0.965535657
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	216.9311995
wavelet-HHH	grlm	RunPercentage	0.956043956
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.023992491
wavelet-HHH	grlm	RunEntropy	3.951320697
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	190.0200977
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.914567673
wavelet-HHH	glszm	GrayLevelVariance	22.43699297
wavelet-HHH	glszm	ZoneVariance	2.79177934
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.065440779
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.582477015
wavelet-HHH	glszm	SizeZoneNonUniformity	25.04651163
wavelet-HHH	glszm	GrayLevelNonUniformity	2.813953488
wavelet-HHH	glszm	LargeAreaEmphasis	5.441860465
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	147.0256511
wavelet-HHH	glszm	ZonePercentage	0.614285714
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.058687989
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1006.023256
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	189.627907
wavelet-HHH	glszm	SmallAreaEmphasis	0.789628355
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.032883377
wavelet-HHH	glszm	ZoneEntropy	4.646967662
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.031749594
wavelet-HHH	ngtdm	Coarseness	0.07982269
wavelet-HHH	ngtdm	Complexity	383.7298171
wavelet-HHH	ngtdm	Strength	7.878718041
wavelet-HHH	ngtdm	Contrast	0.315980824
wavelet-HHH	ngtdm	Busyness	0.056106439
wavelet-HLL	gldm	GrayLevelVariance	57.31836735
wavelet-HLL	gldm	HighGrayLevelEmphasis	208.2571429
wavelet-HLL	gldm	DependenceEntropy	5.114718017

wavelet-HLL	gldm	DependenceNonUniformity	28.94285714
wavelet-HLL	gldm	GrayLevelNonUniformity	3.228571429
wavelet-HLL	gldm	SmallDependenceEmphasis	0.628571429
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	152.3873016
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.413469388
wavelet-HLL	gldm	LargeDependenceEmphasis	3.057142857
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.187252218
wavelet-HLL	gldm	DependenceVariance	0.497142857
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	504.9428571
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.034712211
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.064263945
wavelet-HLL	glcm	JointAverage	11.2526225
wavelet-HLL	glcm	SumAverage	22.50524501
wavelet-HLL	glcm	JointEntropy	6.144478087
wavelet-HLL	glcm	ClusterShade	778.9735212
wavelet-HLL	glcm	MaximumProbability	0.024508175
wavelet-HLL	glcm	ldmn	0.941759071
wavelet-HLL	glcm	JointEnergy	0.014712382
wavelet-HLL	glcm	Contrast	80.90233657
wavelet-HLL	glcm	DifferenceEntropy	3.707777413
wavelet-HLL	glcm	InverseVariance	0.139821715
wavelet-HLL	glcm	DifferenceVariance	27.88145656
wavelet-HLL	glcm	ldn	0.840659487
wavelet-HLL	glcm	ldm	0.125819263
wavelet-HLL	glcm	Correlation	0.085351623
wavelet-HLL	glcm	Autocorrelation	131.3811203
wavelet-HLL	glcm	SumEntropy	4.375482959
wavelet-HLL	glcm	SumSquares	44.95620838
wavelet-HLL	glcm	ClusterProminence	36061.19477
wavelet-HLL	glcm	lmc2	0.997259264
wavelet-HLL	glcm	lmc1	-0.598119571
wavelet-HLL	glcm	DifferenceAverage	7.104150356
wavelet-HLL	glcm	ld	0.216137486
wavelet-HLL	glcm	ClusterTendency	98.92249694
wavelet-HLL	firstorder	InterquartileRange	230.5518176
wavelet-HLL	firstorder	Skewness	0.728584784
wavelet-HLL	firstorder	Uniformity	0.046122449
wavelet-HLL	firstorder	Median	-149.8982286
wavelet-HLL	firstorder	Energy	3641851.34
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	106.3216463
wavelet-HLL	firstorder	MeanAbsoluteDeviation	149.6375843
wavelet-HLL	firstorder	TotalEnergy	98329986.18
wavelet-HLL	firstorder	Maximum	412.1281458
wavelet-HLL	firstorder	RootMeanSquared	228.0930681
wavelet-HLL	firstorder	90Percentile	107.0923084
wavelet-HLL	firstorder	Minimum	-412.4466326
wavelet-HLL	firstorder	Entropy	4.592870517
wavelet-HLL	firstorder	Range	824.5747784
wavelet-HLL	firstorder	Variance	35125.42794
wavelet-HLL	firstorder	10Percentile	-350.933555
wavelet-HLL	firstorder	Kurtosis	3.15734348
wavelet-HLL	firstorder	Mean	-130.0039221
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.062916255
wavelet-HLL	glrlm	GrayLevelVariance	57.79947149
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.064159031
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.046083983

wavelet-HLL	glrlm	RunVariance	0.023018648
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.151401448
wavelet-HLL	glrlm	LongRunEmphasis	1.072456804
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	207.0615398
wavelet-HLL	glrlm	RunLengthNonUniformity	65.30439443
wavelet-HLL	glrlm	ShortRunEmphasis	0.981885799
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	220.4018656
wavelet-HLL	glrlm	RunPercentage	0.976923077
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.069130134
wavelet-HLL	glrlm	RunEntropy	4.6527909
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	209.729605
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.953962704
wavelet-HLL	glszm	GrayLevelVariance	63.31026528
wavelet-HLL	glszm	ZoneVariance	0.429834679
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.046520569
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.567089581
wavelet-HLL	glszm	SizeZoneNonUniformity	28.92156863
wavelet-HLL	glszm	GrayLevelNonUniformity	2.37254902
wavelet-HLL	glszm	LargeAreaEmphasis	2.31372549
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	196.8594771
wavelet-HLL	glszm	ZonePercentage	0.728571429
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.144570738
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	420.0784314
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	230.7843137
wavelet-HLL	glszm	SmallAreaEmphasis	0.780501089
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.06087514
wavelet-HLL	glszm	ZoneEntropy	4.976155244
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.040898338
wavelet-HLL	ngtdm	Coarseness	0.066947365
wavelet-HLL	ngtdm	Complexity	1750.717354
wavelet-HLL	ngtdm	Strength	21.52471814
wavelet-HLL	ngtdm	Contrast	0.815417782
wavelet-HLL	ngtdm	Busyness	0.067094298
wavelet-LHL	gldm	GrayLevelVariance	66.81816327
wavelet-LHL	gldm	HighGrayLevelEmphasis	411.1857143
wavelet-LHL	gldm	DependenceEntropy	5.189648195
wavelet-LHL	gldm	DependenceNonUniformity	26.91428571
wavelet-LHL	gldm	GrayLevelNonUniformity	3.4
wavelet-LHL	gldm	SmallDependenceEmphasis	0.617757937
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	256.3022817
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.384489796
wavelet-LHL	gldm	LargeDependenceEmphasis	3.971428571
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.032752386
wavelet-LHL	gldm	DependenceVariance	0.933877551
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1733.042857
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.019501249
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.021333356
wavelet-LHL	glcm	JointAverage	18.03207847
wavelet-LHL	glcm	SumAverage	36.06415694
wavelet-LHL	glcm	JointEntropy	6.086169097
wavelet-LHL	glcm	ClusterShade	755.0825388
wavelet-LHL	glcm	MaximumProbability	0.032584855
wavelet-LHL	glcm	ldmn	0.933870517
wavelet-LHL	glcm	JointEnergy	0.015763591
wavelet-LHL	glcm	Contrast	99.8476206
wavelet-LHL	glcm	DifferenceEntropy	3.866051678

wavelet-LHL	glcm	InverseVariance	0.145763716
wavelet-LHL	glcm	DifferenceVariance	36.1889388
wavelet-LHL	glcm	Idn	0.835102821
wavelet-LHL	glcm	Idm	0.137366368
wavelet-LHL	glcm	Correlation	0.211384494
wavelet-LHL	glcm	Autocorrelation	338.6866136
wavelet-LHL	glcm	SumEntropy	4.534351701
wavelet-LHL	glcm	SumSquares	63.33148099
wavelet-LHL	glcm	ClusterProminence	59564.123
wavelet-LHL	glcm	Imc2	0.997972434
wavelet-LHL	glcm	Imc1	-0.629433089
wavelet-LHL	glcm	DifferenceAverage	7.742899842
wavelet-LHL	glcm	Id	0.221413893
wavelet-LHL	glcm	ClusterTendency	153.4783033
wavelet-LHL	firstorder	InterquartileRange	291.1606061
wavelet-LHL	firstorder	Skewness	0.102504299
wavelet-LHL	firstorder	Uniformity	0.048571429
wavelet-LHL	firstorder	Median	-93.00626139
wavelet-LHL	firstorder	Energy	3115255.863
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	128.2369972
wavelet-LHL	firstorder	MeanAbsoluteDeviation	171.837451
wavelet-LHL	firstorder	TotalEnergy	84111908.3
wavelet-LHL	firstorder	Maximum	356.1539608
wavelet-LHL	firstorder	RootMeanSquared	210.9588945
wavelet-LHL	firstorder	90Percentile	220.749445
wavelet-LHL	firstorder	Minimum	-482.3450207
wavelet-LHL	firstorder	Entropy	4.602227974
wavelet-LHL	firstorder	Range	838.4989815
wavelet-LHL	firstorder	Variance	42109.45679
wavelet-LHL	firstorder	10Percentile	-311.2335651
wavelet-LHL	firstorder	Kurtosis	2.245802142
wavelet-LHL	firstorder	Mean	-48.93054662
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021749698
wavelet-LHL	glrlm	GrayLevelVariance	67.33113671
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.021843621
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.047809964
wavelet-LHL	glrlm	RunVariance	0.028512913
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.251645907
wavelet-LHL	glrlm	LongRunEmphasis	1.089366316
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	401.1242423
wavelet-LHL	glrlm	RunLengthNonUniformity	64.17042806
wavelet-LHL	glrlm	ShortRunEmphasis	0.977658421
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	448.931791
wavelet-LHL	glrlm	RunPercentage	0.971428571
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.02221931
wavelet-LHL	glrlm	RunEntropy	4.691370236
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	410.6857521
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.942974174
wavelet-LHL	glszm	GrayLevelVariance	75.39192003
wavelet-LHL	glszm	ZoneVariance	1.102040816
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.042898792
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.605997501
wavelet-LHL	glszm	SizeZoneNonUniformity	29.69387755
wavelet-LHL	glszm	GrayLevelNonUniformity	2.102040816
wavelet-LHL	glszm	LargeAreaEmphasis	3.142857143
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	337.2072314

wavelet-LHL	glszm	ZonePercentage	0.7
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.037748152
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1193.816327
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	418.7755102
wavelet-LHL	glszm	SmallAreaEmphasis	0.803987922
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.028490745
wavelet-LHL	glszm	ZoneEntropy	5.02247413
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.027447797
wavelet-LHL	ngtdm	Coarseness	0.06382321
wavelet-LHL	ngtdm	Complexity	1975.626257
wavelet-LHL	ngtdm	Strength	23.98701128
wavelet-LHL	ngtdm	Contrast	0.90748539
wavelet-LHL	ngtdm	Busyness	0.038386521
wavelet-LHH	gldm	GrayLevelVariance	40.49061224
wavelet-LHH	gldm	HighGrayLevelEmphasis	230.1428571
wavelet-LHH	gldm	DependenceEntropy	5.136286231
wavelet-LHH	gldm	DependenceNonUniformity	23.77142857
wavelet-LHH	gldm	GrayLevelNonUniformity	4.028571429
wavelet-LHH	gldm	SmallDependenceEmphasis	0.528821429
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	143.3165675
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.339591837
wavelet-LHH	gldm	LargeDependenceEmphasis	4.514285714
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.179972823
wavelet-LHH	gldm	DependenceVariance	0.958367347
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	797.6285714
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014829938
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.044907889
wavelet-LHH	glcm	JointAverage	13.72787699
wavelet-LHH	glcm	SumAverage	27.45575398
wavelet-LHH	glcm	JointEntropy	6.042271137
wavelet-LHH	glcm	ClusterShade	-42.36827487
wavelet-LHH	glcm	MaximumProbability	0.037310521
wavelet-LHH	glcm	ldmn	0.916378649
wavelet-LHH	glcm	JointEnergy	0.016585057
wavelet-LHH	glcm	Contrast	77.5553164
wavelet-LHH	glcm	DifferenceEntropy	3.765684148
wavelet-LHH	glcm	InverseVariance	0.117870914
wavelet-LHH	glcm	DifferenceVariance	26.82811096
wavelet-LHH	glcm	ldn	0.811150352
wavelet-LHH	glcm	ldm	0.13497215
wavelet-LHH	glcm	Correlation	-0.049253205
wavelet-LHH	glcm	Autocorrelation	186.7374506
wavelet-LHH	glcm	SumEntropy	4.313467189
wavelet-LHH	glcm	SumSquares	37.02212793
wavelet-LHH	glcm	ClusterProminence	14891.03058
wavelet-LHH	glcm	lmc2	0.995377603
wavelet-LHH	glcm	lmc1	-0.564597877
wavelet-LHH	glcm	DifferenceAverage	7.031628164
wavelet-LHH	glcm	ld	0.225449117
wavelet-LHH	glcm	ClusterTendency	70.53319532
wavelet-LHH	firstorder	InterquartileRange	214.802725
wavelet-LHH	firstorder	Skewness	0.040128235
wavelet-LHH	firstorder	Uniformity	0.05755102
wavelet-LHH	firstorder	Median	-2.738377751
wavelet-LHH	firstorder	Energy	1773165.121
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	94.2996779



wavelet-LHH	firstorder	MeanAbsoluteDeviation	131.1325724
wavelet-LHH	firstorder	TotalEnergy	47875458.25
wavelet-LHH	firstorder	Maximum	341.0261087
wavelet-LHH	firstorder	RootMeanSquared	159.1569361
wavelet-LHH	firstorder	90Percentile	217.2356763
wavelet-LHH	firstorder	Minimum	-324.6546298
wavelet-LHH	firstorder	Entropy	4.371671324
wavelet-LHH	firstorder	Range	665.6807385
wavelet-LHH	firstorder	Variance	25278.46365
wavelet-LHH	firstorder	10Percentile	-199.4321913
wavelet-LHH	firstorder	Kurtosis	2.464849667
wavelet-LHH	firstorder	Mean	7.243386131
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.043504732
wavelet-LHH	grlm	GrayLevelVariance	41.01269692
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.044789523
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.056244497
wavelet-LHH	grlm	RunVariance	0.038604214
wavelet-LHH	grlm	GrayLevelNonUniformity	3.804570633
wavelet-LHH	grlm	LongRunEmphasis	1.111747102
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	228.0106185
wavelet-LHH	grlm	RunLengthNonUniformity	63.34825612
wavelet-LHH	grlm	ShortRunEmphasis	0.974635062
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	251.6273173
wavelet-LHH	grlm	RunPercentage	0.965934066
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.049976634
wavelet-LHH	grlm	RunEntropy	4.481128547
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	232.2600131
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.936142721
wavelet-LHH	glszm	GrayLevelVariance	47.89399676
wavelet-LHH	glszm	ZoneVariance	2.001081666
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.047052461
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.511087074
wavelet-LHH	glszm	SizeZoneNonUniformity	21.97674419
wavelet-LHH	glszm	GrayLevelNonUniformity	2.023255814
wavelet-LHH	glszm	LargeAreaEmphasis	4.651162791
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	209.5876034
wavelet-LHH	glszm	ZonePercentage	0.614285714
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.15885247
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	802.372093
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	263.2325581
wavelet-LHH	glszm	SmallAreaEmphasis	0.737812949
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.039429515
wavelet-LHH	glszm	ZoneEntropy	4.879525801
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016053193
wavelet-LHH	ngtdm	Coarseness	0.051271621
wavelet-LHH	ngtdm	Complexity	1383.093122
wavelet-LHH	ngtdm	Strength	12.57738176
wavelet-LHH	ngtdm	Contrast	0.748239967
wavelet-LHH	ngtdm	Busyness	0.064963727
wavelet-LLH	gldm	GrayLevelVariance	91.61816327
wavelet-LLH	gldm	HighGrayLevelEmphasis	568.7285714
wavelet-LLH	gldm	DependenceEntropy	5.189648195
wavelet-LLH	gldm	DependenceNonUniformity	32.82857143
wavelet-LLH	gldm	GrayLevelNonUniformity	2.8
wavelet-LLH	gldm	SmallDependenceEmphasis	0.696825397
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	410.8333333

wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.468979592
wavelet-LLH	gldm	LargeDependenceEmphasis	2.657142857
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02498051
wavelet-LLH	gldm	DependenceVariance	0.449795918
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1347.357143
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.017599304
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.0187822
wavelet-LLH	glcm	JointAverage	21.86743455
wavelet-LLH	glcm	SumAverage	43.7348691
wavelet-LLH	glcm	JointEntropy	6.163867164
wavelet-LLH	glcm	ClusterShade	1149.289388
wavelet-LLH	glcm	MaximumProbability	0.025555523
wavelet-LLH	glcm	ldmn	0.92906487
wavelet-LLH	glcm	JointEnergy	0.014514432
wavelet-LLH	glcm	Contrast	142.8500785
wavelet-LLH	glcm	DifferenceEntropy	4.027891864
wavelet-LLH	glcm	InverseVariance	0.126310466
wavelet-LLH	glcm	DifferenceVariance	50.79976679
wavelet-LLH	glcm	ldn	0.8289448
wavelet-LLH	glcm	ldm	0.108289595
wavelet-LLH	glcm	Correlation	0.19434218
wavelet-LLH	glcm	Autocorrelation	495.3431622
wavelet-LLH	glcm	SumEntropy	4.64217084
wavelet-LLH	glcm	SumSquares	88.37121617
wavelet-LLH	glcm	ClusterProminence	105859.5528
wavelet-LLH	glcm	lmc2	0.999158688
wavelet-LLH	glcm	lmc1	-0.688240274
wavelet-LLH	glcm	DifferenceAverage	9.270929309
wavelet-LLH	glcm	ld	0.190406034
wavelet-LLH	glcm	ClusterTendency	210.6347861
wavelet-LLH	firstorder	InterquartileRange	376.1919458
wavelet-LLH	firstorder	Skewness	0.144050781
wavelet-LLH	firstorder	Uniformity	0.04
wavelet-LLH	firstorder	Median	-107.7146538
wavelet-LLH	firstorder	Energy	4343309.018
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	146.2160477
wavelet-LLH	firstorder	MeanAbsoluteDeviation	198.4921499
wavelet-LLH	firstorder	TotalEnergy	117269343.5
wavelet-LLH	firstorder	Maximum	397.2988429
wavelet-LLH	firstorder	RootMeanSquared	249.0928977
wavelet-LLH	firstorder	90Percentile	267.7951766
wavelet-LLH	firstorder	Minimum	-584.6909976
wavelet-LLH	firstorder	Entropy	4.864947396
wavelet-LLH	firstorder	Range	981.9898405
wavelet-LLH	firstorder	Variance	57643.2176
wavelet-LLH	firstorder	10Percentile	-366.8172949
wavelet-LLH	firstorder	Kurtosis	2.239283396
wavelet-LLH	firstorder	Mean	-66.36304757
wavelet-LLH	gllm	ShortRunLowGrayLevelEmphasis	0.019015045
wavelet-LLH	gllm	GrayLevelVariance	92.17239219
wavelet-LLH	gllm	LowGrayLevelRunEmphasis	0.019070834
wavelet-LLH	gllm	GrayLevelNonUniformityNormalized	0.039570261
wavelet-LLH	gllm	RunVariance	0.018644597
wavelet-LLH	gllm	GrayLevelNonUniformity	2.718751293
wavelet-LLH	gllm	LongRunEmphasis	1.057983626
wavelet-LLH	gllm	ShortRunHighGrayLevelEmphasis	563.2979784

wavelet-LLH	glrlm	RunLengthNonUniformity	66.16744099
wavelet-LLH	glrlm	ShortRunEmphasis	0.985504094
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	598.4899239
wavelet-LLH	glrlm	RunPercentage	0.981318681
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.019293992
wavelet-LLH	glrlm	RunEntropy	4.916265862
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	570.3363675
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.962710805
wavelet-LLH	glszm	GrayLevelVariance	98.47140496
wavelet-LLH	glszm	ZoneVariance	0.307438017
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036033058
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.640991736
wavelet-LLH	glszm	SizeZoneNonUniformity	35.25454545
wavelet-LLH	glszm	GrayLevelNonUniformity	1.981818182
wavelet-LLH	glszm	LargeAreaEmphasis	1.927272727
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	491.0944444
wavelet-LLH	glszm	ZonePercentage	0.785714286
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.026336651
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1042.127273
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	584.0727273
wavelet-LLH	glszm	SmallAreaEmphasis	0.828787879
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.022856093
wavelet-LLH	glszm	ZoneEntropy	5.15836585
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.022172055
wavelet-LLH	ngtdm	Coarseness	0.066348182
wavelet-LLH	ngtdm	Complexity	3158.173715
wavelet-LLH	ngtdm	Strength	30.60647868
wavelet-LLH	ngtdm	Contrast	1.096118658
wavelet-LLH	ngtdm	Busyness	0.027439277
wavelet-LLL	gldm	GrayLevelVariance	450.362449
wavelet-LLL	gldm	HighGrayLevelEmphasis	1935.914286
wavelet-LLL	gldm	DependenceEntropy	5.500711588
wavelet-LLL	gldm	DependenceNonUniformity	59.02857143
wavelet-LLL	gldm	GrayLevelNonUniformity	1.742857143
wavelet-LLL	gldm	SmallDependenceEmphasis	0.935714286
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1711.985714
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.843265306
wavelet-LLL	gldm	LargeDependenceEmphasis	1.257142857
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022137864
wavelet-LLL	gldm	DependenceVariance	0.078367347
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2831.628571
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.022001591
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.022028846
wavelet-LLL	glcm	JointAverage	44.7285918
wavelet-LLL	glcm	SumAverage	89.45718361
wavelet-LLL	glcm	JointEntropy	6.257829762
wavelet-LLL	glcm	ClusterShade	-3517.846659
wavelet-LLL	glcm	MaximumProbability	0.019575478
wavelet-LLL	glcm	Idmn	0.912506529
wavelet-LLL	glcm	JointEnergy	0.013333802
wavelet-LLL	glcm	Contrast	671.8041235
wavelet-LLL	glcm	DifferenceEntropy	4.55618441
wavelet-LLL	glcm	InverseVariance	0.047064692
wavelet-LLL	glcm	DifferenceVariance	212.5873573
wavelet-LLL	glcm	Idn	0.805131858
wavelet-LLL	glcm	Idm	0.036205995

wavelet-LLL	glcm	Correlation	0.237897276
wavelet-LLL	glcm	Autocorrelation	2108.169597
wavelet-LLL	glcm	SumEntropy	4.990877275
wavelet-LLL	glcm	SumSquares	441.3003472
wavelet-LLL	glcm	ClusterProminence	2529596.711
wavelet-LLL	glcm	Imc2	0.999884967
wavelet-LLL	glcm	Imc1	-0.80461568
wavelet-LLL	glcm	DifferenceAverage	21.01717544
wavelet-LLL	glcm	Id	0.095931664
wavelet-LLL	glcm	ClusterTendency	1093.397265
wavelet-LLL	firstorder	InterquartileRange	878.1570384
wavelet-LLL	firstorder	Skewness	0.096050164
wavelet-LLL	firstorder	Uniformity	0.024897959
wavelet-LLL	firstorder	Median	-673.2175414
wavelet-LLL	firstorder	Energy	51389001.07
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	342.4451541
wavelet-LLL	firstorder	MeanAbsoluteDeviation	445.2778359
wavelet-LLL	firstorder	TotalEnergy	1387503029
wavelet-LLL	firstorder	Maximum	302.1645747
wavelet-LLL	firstorder	RootMeanSquared	856.8130407
wavelet-LLL	firstorder	90Percentile	79.95099182
wavelet-LLL	firstorder	Minimum	-1604.478963
wavelet-LLL	firstorder	Entropy	5.461356053
wavelet-LLL	firstorder	Range	1906.643538
wavelet-LLL	firstorder	Variance	280484.1378
wavelet-LLL	firstorder	10Percentile	-1331.335157
wavelet-LLL	firstorder	Kurtosis	1.95020607
wavelet-LLL	firstorder	Mean	-673.5313274
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.022100733
wavelet-LLL	glrlm	GrayLevelVariance	449.8269754
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.022101809
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024886637
wavelet-LLL	glrlm	RunVariance	0.003294571
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.736348988
wavelet-LLL	glrlm	LongRunEmphasis	1.010131812
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	1921.86846
wavelet-LLL	glrlm	RunLengthNonUniformity	69.31897174
wavelet-LLL	glrlm	ShortRunEmphasis	0.997467047
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	1965.976886
wavelet-LLL	glrlm	RunPercentage	0.996703297
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.022106112
wavelet-LLL	glrlm	RunEntropy	5.464157463
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	1930.690145
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.993410857
wavelet-LLL	glszm	GrayLevelVariance	442.9725997
wavelet-LLL	glszm	ZoneVariance	0.042771219
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.024727111
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.914457563
wavelet-LLL	glszm	SizeZoneNonUniformity	61.26865672
wavelet-LLL	glszm	GrayLevelNonUniformity	1.656716418
wavelet-LLL	glszm	LargeAreaEmphasis	1.134328358
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1749.649254
wavelet-LLL	glszm	ZonePercentage	0.957142857
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.023053179
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2334.537313
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1866.626866

wavelet-LLL	glszm	SmallAreaEmphasis	0.96641791
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.022996229
wavelet-LLL	glszm	ZoneEntropy	5.498925011
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.022981991
wavelet-LLL	ngtdm	Coarseness	0.045796496
wavelet-LLL	ngtdm	Complexity	19108.21379
wavelet-LLL	ngtdm	Strength	94.53704308
wavelet-LLL	ngtdm	Contrast	5.54888789
wavelet-LLL	ngtdm	Busyness	0.01463633
wavelet-HHL	gldm	GrayLevelVariance	30.81714286
wavelet-HHL	gldm	HighGrayLevelEmphasis	194.6571429
wavelet-HHL	gldm	DependenceEntropy	5.045364403
wavelet-HHL	gldm	DependenceNonUniformity	24.6
wavelet-HHL	gldm	GrayLevelNonUniformity	4.342857143
wavelet-HHL	gldm	SmallDependenceEmphasis	0.570611111
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	133.2393413
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.351428571
wavelet-HHL	gldm	LargeDependenceEmphasis	5.485714286
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.183586383
wavelet-HHL	gldm	DependenceVariance	1.711020408
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	696.9142857
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016559165
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.043036839
wavelet-HHL	glcm	JointAverage	12.63237891
wavelet-HHL	glcm	SumAverage	25.26475782
wavelet-HHL	glcm	JointEntropy	6.033181459
wavelet-HHL	glcm	ClusterShade	-12.82866884
wavelet-HHL	glcm	MaximumProbability	0.032850246
wavelet-HHL	glcm	Idmn	0.925277198
wavelet-HHL	glcm	JointEnergy	0.016411158
wavelet-HHL	glcm	Contrast	59.27653558
wavelet-HHL	glcm	DifferenceEntropy	3.646653215
wavelet-HHL	glcm	InverseVariance	0.169205509
wavelet-HHL	glcm	DifferenceVariance	22.67312847
wavelet-HHL	glcm	Idn	0.824856238
wavelet-HHL	glcm	Idm	0.167491838
wavelet-HHL	glcm	Correlation	-0.009202405
wavelet-HHL	glcm	Autocorrelation	159.3322469
wavelet-HHL	glcm	SumEntropy	4.231377491
wavelet-HHL	glcm	SumSquares	29.36856211
wavelet-HHL	glcm	ClusterProminence	10355.75188
wavelet-HHL	glcm	Imc2	0.9940822
wavelet-HHL	glcm	Imc1	-0.542550106
wavelet-HHL	glcm	DifferenceAverage	5.979761042
wavelet-HHL	glcm	Id	0.256986272
wavelet-HHL	glcm	ClusterTendency	58.19771287
wavelet-HHL	firstorder	InterquartileRange	172.6471215
wavelet-HHL	firstorder	Skewness	0.006780498
wavelet-HHL	firstorder	Uniformity	0.062040816
wavelet-HHL	firstorder	Median	10.93929184
wavelet-HHL	firstorder	Energy	1341715.286
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	74.33074421
wavelet-HHL	firstorder	MeanAbsoluteDeviation	109.4182189
wavelet-HHL	firstorder	TotalEnergy	36226312.72
wavelet-HHL	firstorder	Maximum	323.1589273
wavelet-HHL	firstorder	RootMeanSquared	138.4462395

wavelet-HHL	firstorder	90Percentile	193.7649268
wavelet-HHL	firstorder	Minimum	-291.9645798
wavelet-HHL	firstorder	Entropy	4.24015686
wavelet-HHL	firstorder	Range	615.1235071
wavelet-HHL	firstorder	Variance	19112.14742
wavelet-HHL	firstorder	10Percentile	-188.0648686
wavelet-HHL	firstorder	Kurtosis	2.716905697
wavelet-HHL	firstorder	Mean	7.430599386
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.041855831
wavelet-HHL	grlm	GrayLevelVariance	31.27213284
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.04305958
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.060471396
wavelet-HHL	grlm	RunVariance	0.036193719
wavelet-HHL	grlm	GrayLevelNonUniformity	4.079831143
wavelet-HHL	grlm	LongRunEmphasis	1.11346599
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	193.7572274
wavelet-HHL	grlm	RunLengthNonUniformity	62.60277183
wavelet-HHL	grlm	ShortRunEmphasis	0.971633503
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	211.4620215
wavelet-HHL	grlm	RunPercentage	0.963736264
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.047874575
wavelet-HHL	grlm	RunEntropy	4.379760252
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	197.2981862
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.927612562
wavelet-HHL	glszm	GrayLevelVariance	35.42013233
wavelet-HHL	glszm	ZoneVariance	1.293005671
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.052930057
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.550094518
wavelet-HHL	glszm	SizeZoneNonUniformity	25.30434783
wavelet-HHL	glszm	GrayLevelNonUniformity	2.434782609
wavelet-HHL	glszm	LargeAreaEmphasis	3.608695652
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	187.6170714
wavelet-HHL	glszm	ZonePercentage	0.657142857
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.134555926
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	554.1304348
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	223.5869565
wavelet-HHL	glszm	SmallAreaEmphasis	0.769429163
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.037390845
wavelet-HHL	glszm	ZoneEntropy	4.882045108
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.018522235
wavelet-HHL	ngtdm	Coarseness	0.067268402
wavelet-HHL	ngtdm	Complexity	922.145799
wavelet-HHL	ngtdm	Strength	11.67372029
wavelet-HHL	ngtdm	Contrast	0.554362752
wavelet-HHL	ngtdm	Busyness	0.064505793
wavelet-HLH	gldm	GrayLevelVariance	28.1355102
wavelet-HLH	gldm	HighGrayLevelEmphasis	299.9142857
wavelet-HLH	gldm	DependenceEntropy	4.938081903
wavelet-HLH	gldm	DependenceNonUniformity	22.62857143
wavelet-HLH	gldm	GrayLevelNonUniformity	4.828571429
wavelet-HLH	gldm	SmallDependenceEmphasis	0.552753968
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	174.1971667
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.323265306
wavelet-HLH	gldm	LargeDependenceEmphasis	5.057142857
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041255928
wavelet-HLH	gldm	DependenceVariance	1.28244898

wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1287.514286
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02047254
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.022324594
wavelet-HLH	glcm	JointAverage	16.89604022
wavelet-HLH	glcm	SumAverage	33.79208045
wavelet-HLH	glcm	JointEntropy	5.963364599
wavelet-HLH	glcm	ClusterShade	-69.29889677
wavelet-HLH	glcm	MaximumProbability	0.03411297
wavelet-HLH	glcm	ldmn	0.941541266
wavelet-HLH	glcm	JointEnergy	0.017368351
wavelet-HLH	glcm	Contrast	60.8054358
wavelet-HLH	glcm	DifferenceEntropy	3.611128718
wavelet-HLH	glcm	InverseVariance	0.167225243
wavelet-HLH	glcm	DifferenceVariance	23.51877644
wavelet-HLH	glcm	ldn	0.844661766
wavelet-HLH	glcm	ldm	0.166178273
wavelet-HLH	glcm	Correlation	-0.039915219
wavelet-HLH	glcm	Autocorrelation	283.7060468
wavelet-HLH	glcm	SumEntropy	4.20402048
wavelet-HLH	glcm	SumSquares	28.58590504
wavelet-HLH	glcm	ClusterProminence	10011.4421
wavelet-HLH	glcm	lmc2	0.990251588
wavelet-HLH	glcm	lmc1	-0.503021841
wavelet-HLH	glcm	DifferenceAverage	5.95853143
wavelet-HLH	glcm	ld	0.257046845
wavelet-HLH	glcm	ClusterTendency	53.53818437
wavelet-HLH	firstorder	InterquartileRange	179.3158175
wavelet-HLH	firstorder	Skewness	-0.33258504
wavelet-HLH	firstorder	Uniformity	0.068979592
wavelet-HLH	firstorder	Median	-9.381978078
wavelet-HLH	firstorder	Energy	1215660.458
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	73.32617077
wavelet-HLH	firstorder	MeanAbsoluteDeviation	104.680241
wavelet-HLH	firstorder	TotalEnergy	32822832.35
wavelet-HLH	firstorder	Maximum	301.0487487
wavelet-HLH	firstorder	RootMeanSquared	131.7823128
wavelet-HLH	firstorder	90Percentile	155.9159189
wavelet-HLH	firstorder	Minimum	-388.5427403
wavelet-HLH	firstorder	Entropy	4.072282791
wavelet-HLH	firstorder	Range	689.591489
wavelet-HLH	firstorder	Variance	17366.57583
wavelet-HLH	firstorder	10Percentile	-136.387707
wavelet-HLH	firstorder	Kurtosis	3.555763134
wavelet-HLH	firstorder	Mean	0.046250641
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.022886628
wavelet-HLH	glrlm	GrayLevelVariance	28.82313103
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.023007297
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.06792446
wavelet-HLH	glrlm	RunVariance	0.041011429
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.583653964
wavelet-HLH	glrlm	LongRunEmphasis	1.11937255
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	294.4624786
wavelet-HLH	glrlm	RunLengthNonUniformity	62.8849233
wavelet-HLH	glrlm	ShortRunEmphasis	0.972870199
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	332.5458939
wavelet-HLH	glrlm	RunPercentage	0.963736264

wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.023535653
wavelet-HLH	glrlm	RunEntropy	4.208894174
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	301.4616064
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.931466298
wavelet-HLH	glszm	GrayLevelVariance	38.70247934
wavelet-HLH	glszm	ZoneVariance	1.51446281
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.061983471
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.553719008
wavelet-HLH	glszm	SizeZoneNonUniformity	24.36363636
wavelet-HLH	glszm	GrayLevelNonUniformity	2.727272727
wavelet-HLH	glszm	LargeAreaEmphasis	4.045454545
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	243.9294508
wavelet-HLH	glszm	ZonePercentage	0.628571429
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.046378112
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1108.818182
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	312.4545455
wavelet-HLH	glszm	SmallAreaEmphasis	0.770517677
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.033056564
wavelet-HLH	glszm	ZoneEntropy	4.55319746
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.032155105
wavelet-HLH	ngtdm	Coarseness	0.058049255
wavelet-HLH	ngtdm	Complexity	861.655619
wavelet-HLH	ngtdm	Strength	11.85220574
wavelet-HLH	ngtdm	Contrast	0.590951111
wavelet-HLH	ngtdm	Busyness	0.057248029



Image type	Feature Class	Feature Name	
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general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
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general	info	ImageSpacing	(0.96679688, 0.96679688, 2.0)
general	info	MaskHash	7130265476c6ab80a81856a71866ce66d9de1f91
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	142
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original	shape	Sphericity	0.907787334
original	shape	MinorAxis	16.70510621
original	shape	Elongation	0.834406141
original	shape	SurfaceVolumeRatio	0.340368455
original	shape	Volume	3834
original	shape	MajorAxis	20.02035387
original	shape	SurfaceArea	1304.972655
original	shape	Flatness	0.801640669
original	shape	LeastAxis	16.04912988
original	shape	Maximum2DDiameterColumn	21.21320344
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original	gldm	GrayLevelVariance	33.57731601
original	gldm	HighGrayLevelEmphasis	445.7816901
original	gldm	DependenceEntropy	5.468871747
original	gldm	DependenceNonUniformity	21.22535211
original	gldm	GrayLevelNonUniformity	21.84507042
original	gldm	SmallDependenceEmphasis	0.366817003
original	gldm	SmallDependenceHighGrayLevelEmphasis	102.4141479
original	gldm	DependenceNonUniformityNormalized	0.149474311
original	gldm	LargeDependenceEmphasis	48.57746479
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.09884118
original	gldm	DependenceVariance	19.78139258
original	gldm	LargeDependenceHighGrayLevelEmphasis	27041.90845
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.012099525
original	gldm	LowGrayLevelEmphasis	0.013325375
original	glcm	JointAverage	21.45460136
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original	glcm	JointEntropy	5.167580695

original	glcm	ClusterShade	-646.003639
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original	glcm	Idn	0.892976705
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original	glcm	ClusterProminence	15618.42367
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original	glcm	ClusterTendency	51.42985833
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original	firstorder	Skewness	-1.675722293
original	firstorder	Uniformity	0.153838524
original	firstorder	Median	10
original	firstorder	Energy	3402496
original	firstorder	RobustMeanAbsoluteDeviation	63.1973852
original	firstorder	MeanAbsoluteDeviation	110.4167824
original	firstorder	TotalEnergy	91867392
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original	firstorder	RootMeanSquared	154.7941841
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original	firstorder	Minimum	-543
original	firstorder	Entropy	3.408337683
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original	firstorder	Kurtosis	4.813517235
original	firstorder	Mean	-55.52112676
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original	glrlm	LowGrayLevelRunEmphasis	0.015679026
original	glrlm	GrayLevelNonUniformityNormalized	0.119521692
original	glrlm	RunVariance	0.260820674
original	glrlm	GrayLevelNonUniformity	14.16092849
original	glrlm	LongRunEmphasis	1.71525427
original	glrlm	ShortRunHighGrayLevelEmphasis	353.3911481
original	glrlm	RunLengthNonUniformity	85.90444941
original	glrlm	ShortRunEmphasis	0.874371846
original	glrlm	LongRunHighGrayLevelEmphasis	820.4864882
original	glrlm	RunPercentage	0.832069339
original	glrlm	LongRunLowGrayLevelEmphasis	0.016981811
original	glrlm	RunEntropy	4.204007465
original	glrlm	HighGrayLevelRunEmphasis	423.2830203
original	glrlm	RunLengthNonUniformityNormalized	0.724445087
original	glszm	GrayLevelVariance	45.14668367

original	glszm	ZoneVariance	44.14158163
original	glszm	GrayLevelNonUniformityNormalized	0.0625
original	glszm	SizeZoneNonUniformityNormalized	0.6875
original	glszm	SizeZoneNonUniformity	38.5
original	glszm	GrayLevelNonUniformity	3.5
original	glszm	LargeAreaEmphasis	50.57142857
original	glszm	SmallAreaHighGrayLevelEmphasis	220.0218304
original	glszm	ZonePercentage	0.394366197
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original	glszm	LargeAreaHighGrayLevelEmphasis	27902.55357
original	glszm	HighGrayLevelZoneEmphasis	290.9642857
original	glszm	SmallAreaEmphasis	0.850504989
original	glszm	LowGrayLevelZoneEmphasis	0.030872726
original	glszm	ZoneEntropy	4.583616975
original	glszm	SmallAreaLowGrayLevelEmphasis	0.030497152
original	ngtdm	Coarseness	0.021993121
original	ngtdm	Complexity	895.4338294
original	ngtdm	Strength	12.1562955
original	ngtdm	Contrast	0.461307136
original	ngtdm	Busyness	0.065899449
wavelet-HHH	gldm	GrayLevelVariance	9.765125967
wavelet-HHH	gldm	HighGrayLevelEmphasis	101.4929577
wavelet-HHH	gldm	DependenceEntropy	5.527978109
wavelet-HHH	gldm	DependenceNonUniformity	27.4084507
wavelet-HHH	gldm	GrayLevelNonUniformity	14.36619718
wavelet-HHH	gldm	SmallDependenceEmphasis	0.344613964
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	36.94192729
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.193017258
wavelet-HHH	gldm	LargeDependenceEmphasis	10.76056338
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.156836222
wavelet-HHH	gldm	DependenceVariance	2.666137671
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	998.4647887
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.02755038
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.036025217
wavelet-HHH	glcm	JointAverage	9.59804258
wavelet-HHH	glcm	SumAverage	19.19608516
wavelet-HHH	glcm	JointEntropy	6.165656419
wavelet-HHH	glcm	ClusterShade	-1.587486068
wavelet-HHH	glcm	MaximumProbability	0.042877268
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wavelet-HHH	glcm	JointEnergy	0.017453395
wavelet-HHH	glcm	Contrast	18.24140205
wavelet-HHH	glcm	DifferenceEntropy	3.088643428
wavelet-HHH	glcm	InverseVariance	0.274776657
wavelet-HHH	glcm	DifferenceVariance	7.779665367
wavelet-HHH	glcm	Idn	0.867213068
wavelet-HHH	glcm	Idm	0.272643754
wavelet-HHH	glcm	Correlation	-0.032723838
wavelet-HHH	glcm	Autocorrelation	91.8253373
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wavelet-HHH	glcm	ClusterProminence	1238.190249
wavelet-HHH	glcm	Imc2	0.88913354
wavelet-HHH	glcm	Imc1	-0.226940841
wavelet-HHH	glcm	DifferenceAverage	3.215918629

wavelet-HHH	glcm	Id	0.362369029
wavelet-HHH	glcm	ClusterTendency	17.02929107
wavelet-HHH	firstorder	InterquartileRange	86.44936374
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wavelet-HHH	firstorder	Uniformity	0.101170403
wavelet-HHH	firstorder	Median	-1.048875621
wavelet-HHH	firstorder	Energy	866881.1922
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	36.58742904
wavelet-HHH	firstorder	MeanAbsoluteDeviation	58.52846026
wavelet-HHH	firstorder	TotalEnergy	23405792.19
wavelet-HHH	firstorder	Maximum	241.9201265
wavelet-HHH	firstorder	RootMeanSquared	78.13320119
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wavelet-HHH	firstorder	Minimum	-222.8565875
wavelet-HHH	firstorder	Entropy	3.565273017
wavelet-HHH	firstorder	Range	464.7767141
wavelet-HHH	firstorder	Variance	6100.322533
wavelet-HHH	firstorder	10Percentile	-86.50097804
wavelet-HHH	firstorder	Kurtosis	4.031453617
wavelet-HHH	firstorder	Mean	2.115323801
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.03712571
wavelet-HHH	glrlm	GrayLevelVariance	10.23029168
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.03782955
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098277257
wavelet-HHH	glrlm	RunVariance	0.075164349
wavelet-HHH	glrlm	GrayLevelNonUniformity	12.96790244
wavelet-HHH	glrlm	LongRunEmphasis	1.235348741
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	96.75890938
wavelet-HHH	glrlm	RunLengthNonUniformity	113.9099266
wavelet-HHH	glrlm	ShortRunEmphasis	0.943788568
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	124.1168208
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.040790113
wavelet-HHH	glrlm	RunEntropy	3.901581397
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	102.067578
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.450617284
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wavelet-HHH	glszm	GrayLevelNonUniformity	4.037037037
wavelet-HHH	glszm	LargeAreaEmphasis	21.11111111
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	75.70553933
wavelet-HHH	glszm	ZonePercentage	0.38028169
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.318909418
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1936.259259
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	109.962963
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.069585029
wavelet-HHH	ngtdm	Coarseness	0.042790253
wavelet-HHH	ngtdm	Complexity	272.8439015
wavelet-HHH	ngtdm	Strength	3.536400501

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wavelet-HLL	gldm	GrayLevelVariance	102.8127852
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wavelet-HLL	gldm	DependenceEntropy	5.829752821
wavelet-HLL	gldm	DependenceNonUniformity	51.92957746
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	482.71982
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.36570125
wavelet-HLL	gldm	LargeDependenceEmphasis	5.464788732
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.018185216
wavelet-HLL	gldm	DependenceVariance	1.849434636
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	3478.471831
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008816031
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009745594
wavelet-HLL	glcm	JointAverage	23.48239904
wavelet-HLL	glcm	SumAverage	46.96479809
wavelet-HLL	glcm	JointEntropy	7.12093606
wavelet-HLL	glcm	ClusterShade	4415.397742
wavelet-HLL	glcm	MaximumProbability	0.023022817
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wavelet-HLL	glcm	JointEnergy	0.008058277
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wavelet-HLL	glcm	DifferenceEntropy	4.155192065
wavelet-HLL	glcm	InverseVariance	0.148519832
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wavelet-HLL	glcm	Idn	0.881088898
wavelet-HLL	glcm	Idm	0.14113612
wavelet-HLL	glcm	Correlation	0.140794841
wavelet-HLL	glcm	Autocorrelation	567.1922111
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wavelet-HLL	glcm	ClusterProminence	276574.8376
wavelet-HLL	glcm	Imc2	0.994259504
wavelet-HLL	glcm	Imc1	-0.480323434
wavelet-HLL	glcm	DifferenceAverage	8.489268429
wavelet-HLL	glcm	Id	0.224260374
wavelet-HLL	glcm	ClusterTendency	208.283565
wavelet-HLL	firstorder	InterquartileRange	269.0853272
wavelet-HLL	firstorder	Skewness	1.176304231
wavelet-HLL	firstorder	Uniformity	0.044038881
wavelet-HLL	firstorder	Median	-132.8075523
wavelet-HLL	firstorder	Energy	10204304.97
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	108.914527
wavelet-HLL	firstorder	MeanAbsoluteDeviation	185.7188707
wavelet-HLL	firstorder	TotalEnergy	275516234.1
wavelet-HLL	firstorder	Maximum	721.6291732
wavelet-HLL	firstorder	RootMeanSquared	268.0695853
wavelet-HLL	firstorder	90Percentile	295.0236781
wavelet-HLL	firstorder	Minimum	-668.3239584
wavelet-HLL	firstorder	Entropy	4.820351051
wavelet-HLL	firstorder	Range	1389.953132
wavelet-HLL	firstorder	Variance	64441.74248
wavelet-HLL	firstorder	10Percentile	-325.2335631

wavelet-HLL	firstorder	Kurtosis	4.538023887
wavelet-HLL	firstorder	Mean	-86.13686837
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009964736
wavelet-HLL	glrlm	GrayLevelVariance	105.6051133
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.01002205
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.042999757
wavelet-HLL	glrlm	RunVariance	0.034591237
wavelet-HLL	glrlm	GrayLevelNonUniformity	5.895803157
wavelet-HLL	glrlm	LongRunEmphasis	1.108626127
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	671.9749173
wavelet-HLL	glrlm	RunLengthNonUniformity	127.6678887
wavelet-HLL	glrlm	ShortRunEmphasis	0.972843468
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	750.5800193
wavelet-HLL	glrlm	RunPercentage	0.965330444
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010251308
wavelet-HLL	glrlm	RunEntropy	4.973583207
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	687.6959377
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.930817526
wavelet-HLL	glszm	GrayLevelVariance	133.5224977
wavelet-HLL	glszm	ZoneVariance	1.013365983
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036628915
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.60963167
wavelet-HLL	glszm	SizeZoneNonUniformity	60.35353535
wavelet-HLL	glszm	GrayLevelNonUniformity	3.626262626
wavelet-HLL	glszm	LargeAreaEmphasis	3.070707071
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	656.1016414
wavelet-HLL	glszm	ZonePercentage	0.697183099
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017402019
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1918.939394
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	750.969697
wavelet-HLL	glszm	SmallAreaEmphasis	0.807585492
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012955711
wavelet-HLL	glszm	ZoneEntropy	5.654573858
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012452845
wavelet-HLL	ngtdm	Coarseness	0.03453892
wavelet-HLL	ngtdm	Complexity	4684.800008
wavelet-HLL	ngtdm	Strength	31.98424423
wavelet-HLL	ngtdm	Contrast	0.804708684
wavelet-HLL	ngtdm	Busyness	0.037015432
wavelet-LHL	gldm	GrayLevelVariance	146.547312
wavelet-LHL	gldm	HighGrayLevelEmphasis	716.4788732
wavelet-LHL	gldm	DependenceEntropy	5.919688736
wavelet-LHL	gldm	DependenceNonUniformity	52.47887324
wavelet-LHL	gldm	GrayLevelNonUniformity	6.352112676
wavelet-LHL	gldm	SmallDependenceEmphasis	0.620092799
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	550.5106956
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.36956953
wavelet-LHL	gldm	LargeDependenceEmphasis	5.873239437
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.07041723
wavelet-LHL	gldm	DependenceVariance	2.149970244
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3325.816901
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005841176
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.017442285
wavelet-LHL	glcm	JointAverage	22.64869488
wavelet-LHL	glcm	SumAverage	45.29738975

wavelet-LHL	glcm	JointEntropy	7.162841001
wavelet-LHL	glcm	ClusterShade	9382.647786
wavelet-LHL	glcm	MaximumProbability	0.023390919
wavelet-LHL	glcm	Idmn	0.965425241
wavelet-LHL	glcm	JointEnergy	0.00781815
wavelet-LHL	glcm	Contrast	221.9142821
wavelet-LHL	glcm	DifferenceEntropy	4.276536012
wavelet-LHL	glcm	InverseVariance	0.134997184
wavelet-LHL	glcm	DifferenceVariance	123.6679435
wavelet-LHL	glcm	Idn	0.893323913
wavelet-LHL	glcm	Idm	0.136965837
wavelet-LHL	glcm	Correlation	0.130774077
wavelet-LHL	glcm	Autocorrelation	531.6046579
wavelet-LHL	glcm	SumEntropy	5.128307789
wavelet-LHL	glcm	SumSquares	129.4846753
wavelet-LHL	glcm	ClusterProminence	788165.3991
wavelet-LHL	glcm	Imc2	0.995749497
wavelet-LHL	glcm	Imc1	-0.50275631
wavelet-LHL	glcm	DifferenceAverage	9.594507423
wavelet-LHL	glcm	Id	0.220952127
wavelet-LHL	glcm	ClusterTendency	296.024419
wavelet-LHL	firstorder	InterquartileRange	213.4149249
wavelet-LHL	firstorder	Skewness	1.657649932
wavelet-LHL	firstorder	Uniformity	0.044733188
wavelet-LHL	firstorder	Median	-103.044247
wavelet-LHL	firstorder	Energy	13245756.82
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	102.9620737
wavelet-LHL	firstorder	MeanAbsoluteDeviation	203.4830017
wavelet-LHL	firstorder	TotalEnergy	357635434.2
wavelet-LHL	firstorder	Maximum	1102.674889
wavelet-LHL	firstorder	RootMeanSquared	305.4177101
wavelet-LHL	firstorder	90Percentile	286.0246497
wavelet-LHL	firstorder	Minimum	-610.3007574
wavelet-LHL	firstorder	Entropy	4.89332882
wavelet-LHL	firstorder	Range	1712.975647
wavelet-LHL	firstorder	Variance	91619.18509
wavelet-LHL	firstorder	10Percentile	-302.0100055
wavelet-LHL	firstorder	Kurtosis	6.541385278
wavelet-LHL	firstorder	Mean	-40.75282228
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016954131
wavelet-LHL	glrlm	GrayLevelVariance	150.84765
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.017441598
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.043225031
wavelet-LHL	glrlm	RunVariance	0.041403771
wavelet-LHL	glrlm	GrayLevelNonUniformity	5.918962735
wavelet-LHL	glrlm	LongRunEmphasis	1.118007664
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	712.1098628
wavelet-LHL	glrlm	RunLengthNonUniformity	127.7851524
wavelet-LHL	glrlm	ShortRunEmphasis	0.973383951
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	783.4612798
wavelet-LHL	glrlm	RunPercentage	0.964247021
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.019411694
wavelet-LHL	glrlm	RunEntropy	5.050726761
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	724.9733154
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.932701018

wavelet-LHL	glszm	GrayLevelVariance	190.8113458
wavelet-LHL	glszm	ZoneVariance	1.457810428
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.035404551
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.626160596
wavelet-LHL	glszm	SizeZoneNonUniformity	61.98989899
wavelet-LHL	glszm	GrayLevelNonUniformity	3.505050505
wavelet-LHL	glszm	LargeAreaEmphasis	3.515151515
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	760.0167184
wavelet-LHL	glszm	ZonePercentage	0.697183099
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.049978402
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2092.424242
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	833.1010101
wavelet-LHL	glszm	SmallAreaEmphasis	0.818278534
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.013761907
wavelet-LHL	glszm	ZoneEntropy	5.659264701
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005653722
wavelet-LHL	ngtdm	Coarseness	0.039477484
wavelet-LHL	ngtdm	Complexity	6912.981707
wavelet-LHL	ngtdm	Strength	46.75374525
wavelet-LHL	ngtdm	Contrast	1.080718912
wavelet-LHL	ngtdm	Busyness	0.027359339
wavelet-LHH	gldm	GrayLevelVariance	34.18984329
wavelet-LHH	gldm	HighGrayLevelEmphasis	419.6760563
wavelet-LHH	gldm	DependenceEntropy	5.780707486
wavelet-LHH	gldm	DependenceNonUniformity	40.1971831
wavelet-LHH	gldm	GrayLevelNonUniformity	9.028169014
wavelet-LHH	gldm	SmallDependenceEmphasis	0.505314885
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	226.6872886
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.283078754
wavelet-LHH	gldm	LargeDependenceEmphasis	7.61971831
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02968177
wavelet-LHH	gldm	DependenceVariance	2.604641936
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2938.816901
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010007855
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.011414573
wavelet-LHH	glcm	JointAverage	19.54085293
wavelet-LHH	glcm	SumAverage	39.08170586
wavelet-LHH	glcm	JointEntropy	6.807154743
wavelet-LHH	glcm	ClusterShade	-92.9665152
wavelet-LHH	glcm	MaximumProbability	0.038595473
wavelet-LHH	glcm	Idmn	0.955574057
wavelet-LHH	glcm	JointEnergy	0.011331545
wavelet-LHH	glcm	Contrast	65.21376527
wavelet-LHH	glcm	DifferenceEntropy	3.79660884
wavelet-LHH	glcm	InverseVariance	0.208005165
wavelet-LHH	glcm	DifferenceVariance	28.98286709
wavelet-LHH	glcm	Idn	0.870028085
wavelet-LHH	glcm	Idm	0.194750454
wavelet-LHH	glcm	Correlation	0.002568876
wavelet-LHH	glcm	Autocorrelation	381.9910665
wavelet-LHH	glcm	SumEntropy	4.536841409
wavelet-LHH	glcm	SumSquares	32.71820814
wavelet-LHH	glcm	ClusterProminence	17927.3928
wavelet-LHH	glcm	Imc2	0.983380408
wavelet-LHH	glcm	Imc1	-0.405638868



wavelet-LHH	glcm	DifferenceAverage	5.87511575
wavelet-LHH	glcm	Id	0.279700077
wavelet-LHH	glcm	ClusterTendency	65.65906728
wavelet-LHH	firstorder	InterquartileRange	159.2828371
wavelet-LHH	firstorder	Skewness	-0.161815894
wavelet-LHH	firstorder	Uniformity	0.063578655
wavelet-LHH	firstorder	Median	-13.36099872
wavelet-LHH	firstorder	Energy	3027173.072
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	66.96977019
wavelet-LHH	firstorder	MeanAbsoluteDeviation	108.4251013
wavelet-LHH	firstorder	TotalEnergy	81733672.94
wavelet-LHH	firstorder	Maximum	390.5361489
wavelet-LHH	firstorder	RootMeanSquared	146.0072609
wavelet-LHH	firstorder	90Percentile	189.130061
wavelet-LHH	firstorder	Minimum	-450.178154
wavelet-LHH	firstorder	Entropy	4.383720631
wavelet-LHH	firstorder	Range	840.7143029
wavelet-LHH	firstorder	Variance	21311.34694
wavelet-LHH	firstorder	10Percentile	-155.3728392
wavelet-LHH	firstorder	Kurtosis	3.764461496
wavelet-LHH	firstorder	Mean	2.602554166
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011752703
wavelet-LHH	glrlm	GrayLevelVariance	35.56348274
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.011852312
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.060073701
wavelet-LHH	glrlm	RunVariance	0.055603777
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.128765651
wavelet-LHH	glrlm	LongRunEmphasis	1.160407553
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	407.7233655
wavelet-LHH	glrlm	RunLengthNonUniformity	123.4230017
wavelet-LHH	glrlm	ShortRunEmphasis	0.964438843
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	483.277291
wavelet-LHH	glrlm	RunPercentage	0.952329361
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.012298088
wavelet-LHH	glrlm	RunEntropy	4.619135042
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	421.4157132
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.911631085
wavelet-LHH	glszm	GrayLevelVariance	53.38302088
wavelet-LHH	glszm	ZoneVariance	4.827922573
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.042524005
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.542142966
wavelet-LHH	glszm	SizeZoneNonUniformity	43.91358025
wavelet-LHH	glszm	GrayLevelNonUniformity	3.444444444
wavelet-LHH	glszm	LargeAreaEmphasis	7.901234568
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	349.6540507
wavelet-LHH	glszm	ZonePercentage	0.570422535
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.036984375
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3038.320988
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	442.5925926
wavelet-LHH	glszm	SmallAreaEmphasis	0.764179803
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.017894019
wavelet-LHH	glszm	ZoneEntropy	5.526587003
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.017196446
wavelet-LHH	ngtdm	Coarseness	0.042604667
wavelet-LHH	ngtdm	Complexity	1692.985303

wavelet-LHH	ngtdm	Strength	12.71678349
wavelet-LHH	ngtdm	Contrast	0.305054709
wavelet-LHH	ngtdm	Busyness	0.034838903
wavelet-LLH	gldm	GrayLevelVariance	44.82999405
wavelet-LLH	gldm	HighGrayLevelEmphasis	435.3098592
wavelet-LLH	gldm	DependenceEntropy	5.707899764
wavelet-LLH	gldm	DependenceNonUniformity	37.92957746
wavelet-LLH	gldm	GrayLevelNonUniformity	8.85915493
wavelet-LLH	gldm	SmallDependenceEmphasis	0.507303545
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	242.8186497
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.2671097
wavelet-LLH	gldm	LargeDependenceEmphasis	8.577464789
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.030893981
wavelet-LLH	gldm	DependenceVariance	2.978575679
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3751.830986
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009540023
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011255192
wavelet-LLH	glcm	JointAverage	19.7540646
wavelet-LLH	glcm	SumAverage	39.5081292
wavelet-LLH	glcm	JointEntropy	6.795733544
wavelet-LLH	glcm	ClusterShade	-60.24978013
wavelet-LLH	glcm	MaximumProbability	0.029961288
wavelet-LLH	glcm	Idmn	0.965216011
wavelet-LLH	glcm	JointEnergy	0.010822799
wavelet-LLH	glcm	Contrast	61.42072957
wavelet-LLH	glcm	DifferenceEntropy	3.788463294
wavelet-LLH	glcm	InverseVariance	0.212086123
wavelet-LLH	glcm	DifferenceVariance	28.12006032
wavelet-LLH	glcm	Idn	0.884082905
wavelet-LLH	glcm	Idm	0.204957286
wavelet-LLH	glcm	Correlation	0.068733191
wavelet-LLH	glcm	Autocorrelation	392.7082453
wavelet-LLH	glcm	SumEntropy	4.608312533
wavelet-LLH	glcm	SumSquares	33.16344853
wavelet-LLH	glcm	ClusterProminence	23224.9976
wavelet-LLH	glcm	Imc2	0.977498658
wavelet-LLH	glcm	Imc1	-0.373942297
wavelet-LLH	glcm	DifferenceAverage	5.678850017
wavelet-LLH	glcm	Id	0.288686379
wavelet-LLH	glcm	ClusterTendency	71.23306453
wavelet-LLH	firstorder	InterquartileRange	154.3383726
wavelet-LLH	firstorder	Skewness	0.232978053
wavelet-LLH	firstorder	Uniformity	0.062388415
wavelet-LLH	firstorder	Median	-67.65723035
wavelet-LLH	firstorder	Energy	4670211.72
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	68.81903127
wavelet-LLH	firstorder	MeanAbsoluteDeviation	121.2912716
wavelet-LLH	firstorder	TotalEnergy	126095716.4
wavelet-LLH	firstorder	Maximum	409.9780712
wavelet-LLH	firstorder	RootMeanSquared	181.3527362
wavelet-LLH	firstorder	90Percentile	124.4567265
wavelet-LLH	firstorder	Minimum	-534.1597587
wavelet-LLH	firstorder	Entropy	4.41178135
wavelet-LLH	firstorder	Range	944.1378299
wavelet-LLH	firstorder	Variance	28069.0626

wavelet-LLH	firstorder	10Percentile	-280.5033701
wavelet-LLH	firstorder	Kurtosis	3.955249344
wavelet-LLH	firstorder	Mean	-69.42443608
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011609108
wavelet-LLH	glrlm	GrayLevelVariance	46.79043773
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011721866
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.059165216
wavelet-LLH	glrlm	RunVariance	0.062701408
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.960616573
wavelet-LLH	glrlm	LongRunEmphasis	1.177366275
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	419.8572345
wavelet-LLH	glrlm	RunLengthNonUniformity	121.6627578
wavelet-LLH	glrlm	ShortRunEmphasis	0.961409328
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	511.2392932
wavelet-LLH	glrlm	RunPercentage	0.947453954
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012225136
wavelet-LLH	glrlm	RunEntropy	4.664714597
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	436.0456745
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.903966043
wavelet-LLH	glszm	GrayLevelVariance	70.56
wavelet-LLH	glszm	ZoneVariance	4.699375
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.040625
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.581875
wavelet-LLH	glszm	SizeZoneNonUniformity	46.55
wavelet-LLH	glszm	GrayLevelNonUniformity	3.25
wavelet-LLH	glszm	LargeAreaEmphasis	7.85
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	390.5584136
wavelet-LLH	glszm	ZonePercentage	0.563380282
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.035442903
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3418.65
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	462.6
wavelet-LLH	glszm	SmallAreaEmphasis	0.788487654
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.017477444
wavelet-LLH	glszm	ZoneEntropy	5.27962712
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016495044
wavelet-LLH	ngtdm	Coarseness	0.039581739
wavelet-LLH	ngtdm	Complexity	1904.867221
wavelet-LLH	ngtdm	Strength	14.59113557
wavelet-LLH	ngtdm	Contrast	0.418825432
wavelet-LLH	ngtdm	Busyness	0.038397047
wavelet-LLL	gldm	GrayLevelVariance	334.6271077
wavelet-LLL	gldm	HighGrayLevelEmphasis	2502.119718
wavelet-LLL	gldm	DependenceEntropy	6.05824206
wavelet-LLL	gldm	DependenceNonUniformity	55.46478873
wavelet-LLL	gldm	GrayLevelNonUniformity	3.802816901
wavelet-LLL	gldm	SmallDependenceEmphasis	0.635369718
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1268.166698
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.390597104
wavelet-LLL	gldm	LargeDependenceEmphasis	4.338028169
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.058862348
wavelet-LLL	gldm	DependenceVariance	1.188653045
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	15484.19014
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004627339
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.015385965
wavelet-LLL	glcm	JointAverage	51.62775895

wavelet-LLL	glcm	SumAverage	103.2555179
wavelet-LLL	glcm	JointEntropy	7.316277785
wavelet-LLL	glcm	ClusterShade	-14232.68371
wavelet-LLL	glcm	MaximumProbability	0.016314777
wavelet-LLL	glcm	Idmn	0.935852548
wavelet-LLL	glcm	JointEnergy	0.006722043
wavelet-LLL	glcm	Contrast	416.6237056
wavelet-LLL	glcm	DifferenceEntropy	4.870270123
wavelet-LLL	glcm	InverseVariance	0.107999182
wavelet-LLL	glcm	DifferenceVariance	183.3396355
wavelet-LLL	glcm	Idn	0.845248707
wavelet-LLL	glcm	Idm	0.109816734
wavelet-LLL	glcm	Correlation	0.238048651
wavelet-LLL	glcm	Autocorrelation	2734.980884
wavelet-LLL	glcm	SumEntropy	5.579573294
wavelet-LLL	glcm	SumSquares	277.1410552
wavelet-LLL	glcm	ClusterProminence	1403353.11
wavelet-LLL	glcm	Imc2	0.99896723
wavelet-LLL	glcm	Imc1	-0.594912576
wavelet-LLL	glcm	DifferenceAverage	15.08610987
wavelet-LLL	glcm	Id	0.176029778
wavelet-LLL	glcm	ClusterTendency	691.9405152
wavelet-LLL	firstorder	InterquartileRange	782.339541
wavelet-LLL	firstorder	Skewness	-0.623308331
wavelet-LLL	firstorder	Uniformity	0.026780401
wavelet-LLL	firstorder	Median	-206.4998741
wavelet-LLL	firstorder	Energy	42361438.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	294.5753976
wavelet-LLL	firstorder	MeanAbsoluteDeviation	387.0578046
wavelet-LLL	firstorder	TotalEnergy	1143758829
wavelet-LLL	firstorder	Maximum	329.0801948
wavelet-LLL	firstorder	RootMeanSquared	546.186769
wavelet-LLL	firstorder	90Percentile	205.1211964
wavelet-LLL	firstorder	Minimum	-1436.715602
wavelet-LLL	firstorder	Entropy	5.489634141
wavelet-LLL	firstorder	Range	1765.795797
wavelet-LLL	firstorder	Variance	209423.8678
wavelet-LLL	firstorder	10Percentile	-1035.641813
wavelet-LLL	firstorder	Kurtosis	2.371536765
wavelet-LLL	firstorder	Mean	-298.1545218
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.014863242
wavelet-LLL	glrlm	GrayLevelVariance	333.2058459
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.015291157
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.025995196
wavelet-LLL	glrlm	RunVariance	0.029744904
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.581763619
wavelet-LLL	glrlm	LongRunEmphasis	1.092762236
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2378.53914
wavelet-LLL	glrlm	RunLengthNonUniformity	129.6276455
wavelet-LLL	glrlm	ShortRunEmphasis	0.976809441
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2809.141965
wavelet-LLL	glrlm	RunPercentage	0.97020585
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.017002818
wavelet-LLL	glrlm	RunEntropy	5.604400112
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2464.659705

wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.940510193
wavelet-LLL	glszm	GrayLevelVariance	300.4411332
wavelet-LLL	glszm	ZoneVariance	1.270855798
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.022644839
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.633173218
wavelet-LLL	glszm	SizeZoneNonUniformity	63.95049505
wavelet-LLL	glszm	GrayLevelNonUniformity	2.287128713
wavelet-LLL	glszm	LargeAreaEmphasis	3.247524752
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1560.208993
wavelet-LLL	glszm	ZonePercentage	0.711267606
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.042078116
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10671.55446
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2092.831683
wavelet-LLL	glszm	SmallAreaEmphasis	0.822964796
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.011532287
wavelet-LLL	glszm	ZoneEntropy	5.892032493
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003988205
wavelet-LLL	ngtdm	Coarseness	0.02548629
wavelet-LLL	ngtdm	Complexity	17102.23707
wavelet-LLL	ngtdm	Strength	48.12712717
wavelet-LLL	ngtdm	Contrast	2.647077879
wavelet-LLL	ngtdm	Busyness	0.015355761
wavelet-HHL	gldm	GrayLevelVariance	24.64714342
wavelet-HHL	gldm	HighGrayLevelEmphasis	189.8239437
wavelet-HHL	gldm	DependenceEntropy	5.642793338
wavelet-HHL	gldm	DependenceNonUniformity	36.76056338
wavelet-HHL	gldm	GrayLevelNonUniformity	9.732394366
wavelet-HHL	gldm	SmallDependenceEmphasis	0.47126553
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	103.4129556
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.258877207
wavelet-HHL	gldm	LargeDependenceEmphasis	9.309859155
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.105981027
wavelet-HHL	gldm	DependenceVariance	3.23467566
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1263.767606
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.026115644
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.031061545
wavelet-HHL	glcm	JointAverage	12.8039597
wavelet-HHL	glcm	SumAverage	25.60791941
wavelet-HHL	glcm	JointEntropy	6.667703614
wavelet-HHL	glcm	ClusterShade	48.52183707
wavelet-HHL	glcm	MaximumProbability	0.044571772
wavelet-HHL	glcm	Idmn	0.945014226
wavelet-HHL	glcm	JointEnergy	0.012835334
wavelet-HHL	glcm	Contrast	44.42770953
wavelet-HHL	glcm	DifferenceEntropy	3.64381337
wavelet-HHL	glcm	InverseVariance	0.195341199
wavelet-HHL	glcm	DifferenceVariance	17.51934523
wavelet-HHL	glcm	Idn	0.850481333
wavelet-HHL	glcm	Idm	0.204678727
wavelet-HHL	glcm	Correlation	-0.010621639
wavelet-HHL	glcm	Autocorrelation	163.823881
wavelet-HHL	glcm	SumEntropy	4.424786796
wavelet-HHL	glcm	SumSquares	22.0442599
wavelet-HHL	glcm	ClusterProminence	6114.635417
wavelet-HHL	glcm	Imc2	0.969234624

wavelet-HHL	glcm	Imc1	-0.350294913
wavelet-HHL	glcm	DifferenceAverage	5.10123477
wavelet-HHL	glcm	Id	0.293033791
wavelet-HHL	glcm	ClusterTendency	43.74933006
wavelet-HHL	firstorder	InterquartileRange	166.5482556
wavelet-HHL	firstorder	Skewness	0.152980786
wavelet-HHL	firstorder	Uniformity	0.068537988
wavelet-HHL	firstorder	Median	-13.49681834
wavelet-HHL	firstorder	Energy	2193983.237
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	68.36161587
wavelet-HHL	firstorder	MeanAbsoluteDeviation	99.81984756
wavelet-HHL	firstorder	TotalEnergy	59237547.4
wavelet-HHL	firstorder	Maximum	328.9745145
wavelet-HHL	firstorder	RootMeanSquared	124.3003869
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wavelet-HHL	firstorder	Minimum	-298.4676359
wavelet-HHL	firstorder	Entropy	4.175735713
wavelet-HHL	firstorder	Range	627.4421504
wavelet-HHL	firstorder	Variance	15373.76041
wavelet-HHL	firstorder	10Percentile	-128.667349
wavelet-HHL	firstorder	Kurtosis	2.904864641
wavelet-HHL	firstorder	Mean	8.765031115
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.032025561
wavelet-HHL	glrlm	GrayLevelVariance	25.49771873
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.032400325
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.064909814
wavelet-HHL	glrlm	RunVariance	0.071693131
wavelet-HHL	glrlm	GrayLevelNonUniformity	8.707470854
wavelet-HHL	glrlm	LongRunEmphasis	1.198786457
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	186.9636036
wavelet-HHL	glrlm	RunLengthNonUniformity	120.7782854
wavelet-HHL	glrlm	ShortRunEmphasis	0.959106916
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	220.4244827
wavelet-HHL	glrlm	RunPercentage	0.943661972
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.034203034
wavelet-HHL	glrlm	RunEntropy	4.420764092
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	192.8233562
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.899851844
wavelet-HHL	glszm	GrayLevelVariance	34.17706667
wavelet-HHL	glszm	ZoneVariance	7.295288889
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.052444444
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.530311111
wavelet-HHL	glszm	SizeZoneNonUniformity	39.77333333
wavelet-HHL	glszm	GrayLevelNonUniformity	3.933333333
wavelet-HHL	glszm	LargeAreaEmphasis	10.88
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	171.0026593
wavelet-HHL	glszm	ZonePercentage	0.528169014
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.140452586
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1468.253333
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	220.2266667
wavelet-HHL	glszm	SmallAreaEmphasis	0.755806085
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.050598909
wavelet-HHL	glszm	ZoneEntropy	5.122235778
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.048176821
wavelet-HHL	ngtdm	Coarseness	0.03367119

wavelet-HHL	ngtdm	Complexity	871.0157644
wavelet-HHL	ngtdm	Strength	6.141761193
wavelet-HHL	ngtdm	Contrast	0.368539107
wavelet-HHL	ngtdm	Busyness	0.11228647
wavelet-HLH	gldm	GrayLevelVariance	16.52251537
wavelet-HLH	gldm	HighGrayLevelEmphasis	238.1549296
wavelet-HLH	gldm	DependenceEntropy	5.600785831
wavelet-HLH	gldm	DependenceNonUniformity	29.54929577
wavelet-HLH	gldm	GrayLevelNonUniformity	11.87323944
wavelet-HLH	gldm	SmallDependenceEmphasis	0.394381819
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	95.79932034
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.208093632
wavelet-HLH	gldm	LargeDependenceEmphasis	11.47887324
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.06337668
wavelet-HLH	gldm	DependenceVariance	3.701844872
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2556.450704
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010447381
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.013300688
wavelet-HLH	glcm	JointAverage	14.77740459
wavelet-HLH	glcm	SumAverage	29.55480918
wavelet-HLH	glcm	JointEntropy	6.458460815
wavelet-HLH	glcm	ClusterShade	21.75375108
wavelet-HLH	glcm	MaximumProbability	0.039891692
wavelet-HLH	glcm	Idmn	0.967845753
wavelet-HLH	glcm	JointEnergy	0.014179817
wavelet-HLH	glcm	Contrast	29.27513596
wavelet-HLH	glcm	DifferenceEntropy	3.359599494
wavelet-HLH	glcm	InverseVariance	0.261780118
wavelet-HLH	glcm	DifferenceVariance	13.6496545
wavelet-HLH	glcm	Idn	0.887691535
wavelet-HLH	glcm	Idm	0.257597115
wavelet-HLH	glcm	Correlation	-0.03640635
wavelet-HLH	glcm	Autocorrelation	217.7971519
wavelet-HLH	glcm	SumEntropy	4.122953133
wavelet-HLH	glcm	SumSquares	14.05160377
wavelet-HLH	glcm	ClusterProminence	3012.837781
wavelet-HLH	glcm	Imc2	0.937584951
wavelet-HLH	glcm	Imc1	-0.283578246
wavelet-HLH	glcm	DifferenceAverage	3.916163659
wavelet-HLH	glcm	Id	0.343322565
wavelet-HLH	glcm	ClusterTendency	26.93127911
wavelet-HLH	firstorder	InterquartileRange	111.4766482
wavelet-HLH	firstorder	Skewness	-0.016178515
wavelet-HLH	firstorder	Uniformity	0.083614362
wavelet-HLH	firstorder	Median	8.833050833
wavelet-HLH	firstorder	Energy	1476809.715
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	45.66945476
wavelet-HLH	firstorder	MeanAbsoluteDeviation	74.41655261
wavelet-HLH	firstorder	TotalEnergy	39873862.3
wavelet-HLH	firstorder	Maximum	339.3801529
wavelet-HLH	firstorder	RootMeanSquared	101.9807257
wavelet-HLH	firstorder	90Percentile	122.0937637
wavelet-HLH	firstorder	Minimum	-331.2974612
wavelet-HLH	firstorder	Entropy	3.885337611
wavelet-HLH	firstorder	Range	670.6776141

wavelet-HLH	firstorder	Variance	10283.06894
wavelet-HLH	firstorder	10Percentile	-107.7897357
wavelet-HLH	firstorder	Kurtosis	4.504381263
wavelet-HLH	firstorder	Mean	10.8166294
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013684827
wavelet-HLH	glrlm	GrayLevelVariance	17.4302317
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.013937816
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.08029037
wavelet-HLH	glrlm	RunVariance	0.077547664
wavelet-HLH	glrlm	GrayLevelNonUniformity	10.61986607
wavelet-HLH	glrlm	LongRunEmphasis	1.233099684
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	226.969906
wavelet-HLH	glrlm	RunLengthNonUniformity	115.3409625
wavelet-HLH	glrlm	ShortRunEmphasis	0.946886722
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	291.69579
wavelet-HLH	glrlm	RunPercentage	0.9312026
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.015046993
wavelet-HLH	glrlm	RunEntropy	4.206656001
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	239.0303733
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.871027201
wavelet-HLH	glszm	GrayLevelVariance	29.31864096
wavelet-HLH	glszm	ZoneVariance	6.431588613
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.061065197
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.441230487
wavelet-HLH	glszm	SizeZoneNonUniformity	29.12121212
wavelet-HLH	glszm	GrayLevelNonUniformity	4.03030303
wavelet-HLH	glszm	LargeAreaEmphasis	11.06060606
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	168.3954419
wavelet-HLH	glszm	ZonePercentage	0.464788732
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.072399147
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2424.818182
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	248
wavelet-HLH	glszm	SmallAreaEmphasis	0.688567512
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.023116343
wavelet-HLH	glszm	ZoneEntropy	5.096980104
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.021718574
wavelet-HLH	ngtdm	Coarseness	0.045498978
wavelet-HLH	ngtdm	Complexity	605.2773497
wavelet-HLH	ngtdm	Strength	6.943245676
wavelet-HLH	ngtdm	Contrast	0.223314896
wavelet-HLH	ngtdm	Busyness	0.066414479



Image type	Feature Class	Feature Name	
general	info	BoundingBox	6: RTSTRUCT: C99-DNU_segment_RLL staple ITV (1, 1, 1, 6, 3, 10)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	fe6c8e1a3712998565dc8d9edb9d2921130926cc
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	25
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original	shape	Maximum2DDiameterSlice	6.708203932
original	shape	Sphericity	0.715021621
original	shape	MinorAxis	6.480622306
original	shape	Elongation	0.183318176
original	shape	SurfaceVolumeRatio	0.771016537
original	shape	Volume	675
original	shape	MajorAxis	35.35177169
original	shape	SurfaceArea	520.4361623
original	shape	Flatness	0.161491921
original	shape	LeastAxis	5.709025537
original	shape	Maximum2DDiameterColumn	22.84731932
original	shape	Maximum2DDiameterRow	9.486832981
original	gldm	GrayLevelVariance	195.9456
original	gldm	HighGrayLevelEmphasis	719.44
original	gldm	DependenceEntropy	4.16385619
original	gldm	DependenceNonUniformity	15.88
original	gldm	GrayLevelNonUniformity	1.64
original	gldm	SmallDependenceEmphasis	0.82
original	gldm	SmallDependenceHighGrayLevelEmphasis	642.1
original	gldm	DependenceNonUniformityNormalized	0.6352
original	gldm	LargeDependenceEmphasis	1.72
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.050286665
original	gldm	DependenceVariance	0.1824
original	gldm	LargeDependenceHighGrayLevelEmphasis	1028.8
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.044011183
original	gldm	LowGrayLevelEmphasis	0.045266279
original	glcm	JointAverage	20.24194139
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original	glcm	JointEntropy	3.003885349
original	glcm	ClusterShade	759.2640299
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original	glcm	InverseVariance	0.130586838

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original	glcm	Idn	0.809541416
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original	glcm	SumEntropy	2.037584982
original	glcm	SumSquares	143.539306
original	glcm	ClusterProminence	144325.4008
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original	glcm	Id	0.201782361
original	glcm	ClusterTendency	177.1599102
original	firstorder	InterquartileRange	561
original	firstorder	Skewness	0.57293136
original	firstorder	Uniformity	0.0656
original	firstorder	Median	-362
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original	firstorder	RobustMeanAbsoluteDeviation	208.9750693
original	firstorder	MeanAbsoluteDeviation	298.384
original	firstorder	TotalEnergy	140350320
original	firstorder	Maximum	529
original	firstorder	RootMeanSquared	455.9894736
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original	firstorder	Minimum	-828
original	firstorder	Entropy	4.16385619
original	firstorder	Range	1357
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original	firstorder	Mean	-290.8
original	glrlm	ShortRunLowGrayLevelEmphasis	0.045584202
original	glrlm	GrayLevelVariance	196.3800288
original	glrlm	LowGrayLevelRunEmphasis	0.045634486
original	glrlm	GrayLevelNonUniformityNormalized	0.064617521
original	glrlm	RunVariance	0.009214744
original	glrlm	GrayLevelNonUniformity	1.601282051
original	glrlm	LongRunEmphasis	1.028846154
original	glrlm	ShortRunHighGrayLevelEmphasis	719.1277244
original	glrlm	RunLengthNonUniformity	24.32692308
original	glrlm	ShortRunEmphasis	0.992788462
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original	glrlm	HighGrayLevelRunEmphasis	722.2262821
original	glrlm	RunLengthNonUniformityNormalized	0.981570513
original	glszm	GrayLevelVariance	202.4235537
original	glszm	ZoneVariance	0.117768595
original	glszm	GrayLevelNonUniformityNormalized	0.053719008
original	glszm	SizeZoneNonUniformityNormalized	0.76446281
original	glszm	SizeZoneNonUniformity	16.81818182
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original	glszm	LargeAreaEmphasis	1.409090909
original	glszm	SmallAreaHighGrayLevelEmphasis	715.0113636
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original	glszm	LargeAreaHighGrayLevelEmphasis	934.7272727

original	glszm	HighGrayLevelZoneEmphasis	758.9545455
original	glszm	SmallAreaEmphasis	0.897727273
original	glszm	LowGrayLevelZoneEmphasis	0.050488123
original	glszm	ZoneEntropy	4.277613437
original	glszm	SmallAreaLowGrayLevelEmphasis	0.049775
original	ngtdm	Coarseness	0.043278445
original	ngtdm	Complexity	5597.507698
original	ngtdm	Strength	45.56678395
original	ngtdm	Contrast	14.65466829
original	ngtdm	Busyness	0.067641073
wavelet-HHH	gldm	GrayLevelVariance	102.6464
wavelet-HHH	gldm	HighGrayLevelEmphasis	611.6
wavelet-HHH	gldm	DependenceEntropy	4.21366069
wavelet-HHH	gldm	DependenceNonUniformity	21.32
wavelet-HHH	gldm	GrayLevelNonUniformity	1.48
wavelet-HHH	gldm	SmallDependenceEmphasis	0.94
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	561.14
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.8528
wavelet-HHH	gldm	LargeDependenceEmphasis	1.24
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044129629
wavelet-HHH	gldm	DependenceVariance	0.0736
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	813.44
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.043772911
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.043844255
wavelet-HHH	glcm	JointAverage	21.96422466
wavelet-HHH	glcm	SumAverage	43.92844933
wavelet-HHH	glcm	JointEntropy	3.065973261
wavelet-HHH	glcm	ClusterShade	-171.8240425
wavelet-HHH	glcm	MaximumProbability	0.17748779
wavelet-HHH	glcm	Idmn	0.917409405
wavelet-HHH	glcm	JointEnergy	0.172194968
wavelet-HHH	glcm	Contrast	182.9313187
wavelet-HHH	glcm	DifferenceEntropy	1.874581319
wavelet-HHH	glcm	InverseVariance	0.070932077
wavelet-HHH	glcm	DifferenceVariance	36.50704818
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wavelet-HHH	glcm	Correlation	-0.337476268
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wavelet-HHH	glcm	SumSquares	68.10033827
wavelet-HHH	glcm	ClusterProminence	35299.09522
wavelet-HHH	glcm	Imc2	0.986761196
wavelet-HHH	glcm	Imc1	-0.932888596
wavelet-HHH	glcm	DifferenceAverage	11.04346764
wavelet-HHH	glcm	Id	0.140014446
wavelet-HHH	glcm	ClusterTendency	89.4700344
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wavelet-HHH	firstorder	Skewness	-0.1436948
wavelet-HHH	firstorder	Uniformity	0.0592
wavelet-HHH	firstorder	Median	59.86760539
wavelet-HHH	firstorder	Energy	1665481.47
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	132.9631625
wavelet-HHH	firstorder	MeanAbsoluteDeviation	203.7127434
wavelet-HHH	firstorder	TotalEnergy	44967999.69
wavelet-HHH	firstorder	Maximum	518.2946495
wavelet-HHH	firstorder	RootMeanSquared	258.1070685
wavelet-HHH	firstorder	90Percentile	372.2929582

wavelet-HHH	firstorder	Minimum	-516.8517343
wavelet-HHH	firstorder	Entropy	4.21366069
wavelet-HHH	firstorder	Range	1035.146384
wavelet-HHH	firstorder	Variance	65924.97793
wavelet-HHH	firstorder	10Percentile	-321.376704
wavelet-HHH	firstorder	Kurtosis	2.494923131
wavelet-HHH	firstorder	Mean	26.34921006
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.043978112
wavelet-HHH	glrlm	GrayLevelVariance	102.836928
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.04398097
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.059186752
wavelet-HHH	glrlm	RunVariance	0.003071581
wavelet-HHH	glrlm	GrayLevelNonUniformity	1.475128205
wavelet-HHH	glrlm	LongRunEmphasis	1.009615385
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	608.843109
wavelet-HHH	glrlm	RunLengthNonUniformity	24.77564103
wavelet-HHH	glrlm	ShortRunEmphasis	0.997596154
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	618.9512821
wavelet-HHH	glrlm	RunPercentage	0.996923077
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.043992403
wavelet-HHH	glrlm	RunEntropy	4.214161831
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	610.8647436
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.993856838
wavelet-HHH	glszm	GrayLevelVariance	105.1232639
wavelet-HHH	glszm	ZoneVariance	0.039930556
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.059027778
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.920138889
wavelet-HHH	glszm	SizeZoneNonUniformity	22.08333333
wavelet-HHH	glszm	GrayLevelNonUniformity	1.416666667
wavelet-HHH	glszm	LargeAreaEmphasis	1.125
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	575.7604167
wavelet-HHH	glszm	ZonePercentage	0.96
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.045770187
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	707.1666667
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	602.0416667
wavelet-HHH	glszm	SmallAreaEmphasis	0.96875
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.045621555
wavelet-HHH	glszm	ZoneEntropy	4.220175521
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.045584396
wavelet-HHH	ngtdm	Coarseness	0.083991601
wavelet-HHH	ngtdm	Complexity	2822.911976
wavelet-HHH	ngtdm	Strength	37.25811319
wavelet-HHH	ngtdm	Contrast	5.084341169
wavelet-HHH	ngtdm	Busyness	0.04129423
wavelet-HLL	gldm	GrayLevelVariance	94.9824
wavelet-HLL	gldm	HighGrayLevelEmphasis	613
wavelet-HLL	gldm	DependenceEntropy	3.97366069
wavelet-HLL	gldm	DependenceNonUniformity	21.32
wavelet-HLL	gldm	GrayLevelNonUniformity	1.72
wavelet-HLL	gldm	SmallDependenceEmphasis	0.94
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	597.64
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.8528
wavelet-HLL	gldm	LargeDependenceEmphasis	1.24
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.043887557
wavelet-HLL	gldm	DependenceVariance	0.0736
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	674.44
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.042715682
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.042950057

wavelet-HLL	glcm	JointAverage	20.98722527
wavelet-HLL	glcm	SumAverage	41.97445055
wavelet-HLL	glcm	JointEntropy	2.978366423
wavelet-HLL	glcm	ClusterShade	15.50448831
wavelet-HLL	glcm	MaximumProbability	0.20740232
wavelet-HLL	glcm	Idmn	0.938687044
wavelet-HLL	glcm	JointEnergy	0.187300618
wavelet-HLL	glcm	Contrast	136.6337302
wavelet-HLL	glcm	DifferenceEntropy	1.786929949
wavelet-HLL	glcm	InverseVariance	0.21996438
wavelet-HLL	glcm	DifferenceVariance	40.20146315
wavelet-HLL	glcm	Idn	0.848594498
wavelet-HLL	glcm	Idm	0.160229267
wavelet-HLL	glcm	Correlation	-0.151997186
wavelet-HLL	glcm	Autocorrelation	443.0392857
wavelet-HLL	glcm	SumEntropy	1.884217585
wavelet-HLL	glcm	SumSquares	67.67371247
wavelet-HLL	glcm	ClusterProminence	78518.94471
wavelet-HLL	glcm	Imc2	0.984979123
wavelet-HLL	glcm	Imc1	-0.907696474
wavelet-HLL	glcm	DifferenceAverage	8.569078144
wavelet-HLL	glcm	Id	0.231165373
wavelet-HLL	glcm	ClusterTendency	134.0611197
wavelet-HLL	firstorder	InterquartileRange	399.2390117
wavelet-HLL	firstorder	Skewness	0.048330446
wavelet-HLL	firstorder	Uniformity	0.0688
wavelet-HLL	firstorder	Median	-145.1677212
wavelet-HLL	firstorder	Energy	1675870.648
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	137.7366583
wavelet-HLL	firstorder	MeanAbsoluteDeviation	197.0051824
wavelet-HLL	firstorder	TotalEnergy	45248507.5
wavelet-HLL	firstorder	Maximum	390.5022937
wavelet-HLL	firstorder	RootMeanSquared	258.9108455
wavelet-HLL	firstorder	90Percentile	225.4302785
wavelet-HLL	firstorder	Minimum	-626.0703573
wavelet-HLL	firstorder	Entropy	3.97366069
wavelet-HLL	firstorder	Range	1016.572651
wavelet-HLL	firstorder	Variance	58825.2439
wavelet-HLL	firstorder	10Percentile	-324.3592025
wavelet-HLL	firstorder	Kurtosis	2.492513192
wavelet-HLL	firstorder	Mean	-90.60674382
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.043065807
wavelet-HLL	glrlm	GrayLevelVariance	95.13426132
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.043075197
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.068849573
wavelet-HLL	glrlm	RunVariance	0.003071581
wavelet-HLL	glrlm	GrayLevelNonUniformity	1.715897436
wavelet-HLL	glrlm	LongRunEmphasis	1.009615385
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	613.5288462
wavelet-HLL	glrlm	RunLengthNonUniformity	24.77564103
wavelet-HLL	glrlm	ShortRunEmphasis	0.997596154
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	616.6057692
wavelet-HLL	glrlm	RunPercentage	0.996923077
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.043112757
wavelet-HLL	glrlm	RunEntropy	3.9733926
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	614.1442308
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.993856838
wavelet-HLL	glszm	GrayLevelVariance	96.95659722

wavelet-HLL	glszm	ZoneVariance	0.039930556
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.069444444
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.920138889
wavelet-HLL	glszm	SizeZoneNonUniformity	22.08333333
wavelet-HLL	glszm	GrayLevelNonUniformity	1.666666667
wavelet-HLL	glszm	LargeAreaEmphasis	1.125
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	619.875
wavelet-HLL	glszm	ZonePercentage	0.96
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.045065163
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	659.875
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	627.875
wavelet-HLL	glszm	SmallAreaEmphasis	0.96875
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.044576882
wavelet-HLL	glszm	ZoneEntropy	3.970175521
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.044454812
wavelet-HLL	ngtdm	Coarseness	0.080756807
wavelet-HLL	ngtdm	Complexity	1775.847333
wavelet-HLL	ngtdm	Strength	39.42603039
wavelet-HLL	ngtdm	Contrast	4.989901714
wavelet-HLL	ngtdm	Busyness	0.043626188
wavelet-LHL	gldm	GrayLevelVariance	179.9776
wavelet-LHL	gldm	HighGrayLevelEmphasis	1060.88
wavelet-LHL	gldm	DependenceEntropy	4.40385619
wavelet-LHL	gldm	DependenceNonUniformity	18.28
wavelet-LHL	gldm	GrayLevelNonUniformity	1.24
wavelet-LHL	gldm	SmallDependenceEmphasis	0.88
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	946.1
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.7312
wavelet-LHL	gldm	LargeDependenceEmphasis	1.48
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046404131
wavelet-LHL	gldm	DependenceVariance	0.1344
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1520
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.041554381
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.042524331
wavelet-LHL	glcm	JointAverage	28.05216728
wavelet-LHL	glcm	SumAverage	56.10433455
wavelet-LHL	glcm	JointEntropy	3.061394506
wavelet-LHL	glcm	ClusterShade	-2859.748036
wavelet-LHL	glcm	MaximumProbability	0.18252442
wavelet-LHL	glcm	Idmn	0.860507097
wavelet-LHL	glcm	JointEnergy	0.173105268
wavelet-LHL	glcm	Contrast	471.4686813
wavelet-LHL	glcm	DifferenceEntropy	1.902635883
wavelet-LHL	glcm	InverseVariance	0.034340904
wavelet-LHL	glcm	DifferenceVariance	68.2006122
wavelet-LHL	glcm	Idn	0.751013762
wavelet-LHL	glcm	Idm	0.04588978
wavelet-LHL	glcm	Correlation	-0.35883939
wavelet-LHL	glcm	Autocorrelation	733.6505189
wavelet-LHL	glcm	SumEntropy	2.052603297
wavelet-LHL	glcm	SumSquares	174.3126214
wavelet-LHL	glcm	ClusterProminence	236078.3973
wavelet-LHL	glcm	Imc2	0.982342167
wavelet-LHL	glcm	Imc1	-0.929755417
wavelet-LHL	glcm	DifferenceAverage	18.45573871
wavelet-LHL	glcm	Id	0.106341704
wavelet-LHL	glcm	ClusterTendency	225.7818041
wavelet-LHL	firstorder	InterquartileRange	507.5079126

wavelet-LHL	firstorder	Skewness	-0.396558515
wavelet-LHL	firstorder	Uniformity	0.0496
wavelet-LHL	firstorder	Median	-53.11332301
wavelet-LHL	firstorder	Energy	3144150.356
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	197.7112346
wavelet-LHL	firstorder	MeanAbsoluteDeviation	278.6495102
wavelet-LHL	firstorder	TotalEnergy	84892059.61
wavelet-LHL	firstorder	Maximum	393.8097043
wavelet-LHL	firstorder	RootMeanSquared	354.6350437
wavelet-LHL	firstorder	90Percentile	266.836715
wavelet-LHL	firstorder	Minimum	-832.8581121
wavelet-LHL	firstorder	Entropy	4.40385619
wavelet-LHL	firstorder	Range	1226.667816
wavelet-LHL	firstorder	Variance	111088.0399
wavelet-LHL	firstorder	10Percentile	-617.5786008
wavelet-LHL	firstorder	Kurtosis	2.208142619
wavelet-LHL	firstorder	Mean	-121.15269
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.042706249
wavelet-LHL	glrlm	GrayLevelVariance	178.9696947
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.042745109
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.049447863
wavelet-LHL	glrlm	RunVariance	0.006143162
wavelet-LHL	glrlm	GrayLevelNonUniformity	1.228717949
wavelet-LHL	glrlm	LongRunEmphasis	1.019230769
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1056.950545
wavelet-LHL	glrlm	RunLengthNonUniformity	24.55128205
wavelet-LHL	glrlm	ShortRunEmphasis	0.995192308
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1079.943333
wavelet-LHL	glrlm	RunPercentage	0.993846154
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.04290055
wavelet-LHL	glrlm	RunEntropy	4.406077674
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1061.549103
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.987713675
wavelet-LHL	glszm	GrayLevelVariance	167.3459357
wavelet-LHL	glszm	ZoneVariance	0.079395085
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.047258979
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.84120983
wavelet-LHL	glszm	SizeZoneNonUniformity	19.34782609
wavelet-LHL	glszm	GrayLevelNonUniformity	1.086956522
wavelet-LHL	glszm	LargeAreaEmphasis	1.260869565
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1007.576087
wavelet-LHL	glszm	ZonePercentage	0.92
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.047627823
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1319.478261
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1069.956522
wavelet-LHL	glszm	SmallAreaEmphasis	0.934782609
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.045519237
wavelet-LHL	glszm	ZoneEntropy	4.436605434
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.04499209
wavelet-LHL	ngtdm	Coarseness	0.064689031
wavelet-LHL	ngtdm	Complexity	4975.345159
wavelet-LHL	ngtdm	Strength	49.72283038
wavelet-LHL	ngtdm	Contrast	9.74201571
wavelet-LHL	ngtdm	Busyness	0.039179267
wavelet-LHH	gldm	GrayLevelVariance	70.1664
wavelet-LHH	gldm	HighGrayLevelEmphasis	378.52
wavelet-LHH	gldm	DependenceEntropy	4.24385619
wavelet-LHH	gldm	DependenceNonUniformity	14.44

wavelet-LHH	gldm	GrayLevelNonUniformity	1.8
wavelet-LHH	gldm	SmallDependenceEmphasis	0.784444444
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	325.5911111
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.5776
wavelet-LHH	gldm	LargeDependenceEmphasis	2.04
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.051951628
wavelet-LHH	gldm	DependenceVariance	0.2976
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	620.28
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.046108613
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.047066828
wavelet-LHH	glcm	JointAverage	17.88630952
wavelet-LHH	glcm	SumAverage	35.77261905
wavelet-LHH	glcm	JointEntropy	2.998665568
wavelet-LHH	glcm	ClusterShade	149.4663314
wavelet-LHH	glcm	MaximumProbability	0.213888889
wavelet-LHH	glcm	Idmn	0.905243875
wavelet-LHH	glcm	JointEnergy	0.186810189
wavelet-LHH	glcm	Contrast	143.8368437
wavelet-LHH	glcm	DifferenceEntropy	1.947482433
wavelet-LHH	glcm	InverseVariance	0.150607824
wavelet-LHH	glcm	DifferenceVariance	40.55761453
wavelet-LHH	glcm	Idn	0.8112192
wavelet-LHH	glcm	Idm	0.170267783
wavelet-LHH	glcm	Correlation	-0.222608878
wavelet-LHH	glcm	Autocorrelation	317.4945055
wavelet-LHH	glcm	SumEntropy	2.018659463
wavelet-LHH	glcm	SumSquares	61.51646092
wavelet-LHH	glcm	ClusterProminence	33106.78032
wavelet-LHH	glcm	Imc2	0.985281253
wavelet-LHH	glcm	Imc1	-0.925794768
wavelet-LHH	glcm	DifferenceAverage	9.178235653
wavelet-LHH	glcm	Id	0.239923462
wavelet-LHH	glcm	ClusterTendency	102.229
wavelet-LHH	firstorder	InterquartileRange	247.7965688
wavelet-LHH	firstorder	Skewness	0.140661561
wavelet-LHH	firstorder	Uniformity	0.072
wavelet-LHH	firstorder	Median	-35.33482955
wavelet-LHH	firstorder	Energy	1108295.008
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	113.3231334
wavelet-LHH	firstorder	MeanAbsoluteDeviation	169.4966521
wavelet-LHH	firstorder	TotalEnergy	29923965.21
wavelet-LHH	firstorder	Maximum	399.2971102
wavelet-LHH	firstorder	RootMeanSquared	210.5511822
wavelet-LHH	firstorder	90Percentile	250.1937456
wavelet-LHH	firstorder	Minimum	-425.4346352
wavelet-LHH	firstorder	Entropy	4.00385619
wavelet-LHH	firstorder	Range	824.7317453
wavelet-LHH	firstorder	Variance	43867.8627
wavelet-LHH	firstorder	10Percentile	-282.5833523
wavelet-LHH	firstorder	Kurtosis	2.3686173
wavelet-LHH	firstorder	Mean	-21.53921096
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.047567151
wavelet-LHH	glrlm	GrayLevelVariance	70.9254297
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.047611336
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.071213675
wavelet-LHH	glrlm	RunVariance	0.012286325
wavelet-LHH	glrlm	GrayLevelNonUniformity	1.758974359
wavelet-LHH	glrlm	LongRunEmphasis	1.038461538



wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	378.0386859
wavelet-LHH	glrlm	RunLengthNonUniformity	24.1025641
wavelet-LHH	glrlm	ShortRunEmphasis	0.990384615
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	389.4689744
wavelet-LHH	glrlm	RunPercentage	0.987692308
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.047788075
wavelet-LHH	glrlm	RunEntropy	4.028811978
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	380.3247436
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.97542735
wavelet-LHH	glszm	GrayLevelVariance	81.33333333
wavelet-LHH	glszm	ZoneVariance	0.249433107
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.06122449
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.746031746
wavelet-LHH	glszm	SizeZoneNonUniformity	15.66666667
wavelet-LHH	glszm	GrayLevelNonUniformity	1.285714286
wavelet-LHH	glszm	LargeAreaEmphasis	1.666666667
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	376.287037
wavelet-LHH	glszm	ZonePercentage	0.84
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.058346043
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	557.2857143
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	405.3333333
wavelet-LHH	glszm	SmallAreaEmphasis	0.886243386
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.055156655
wavelet-LHH	glszm	ZoneEntropy	4.201841232
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.054672385
wavelet-LHH	ngtdm	Coarseness	0.092885419
wavelet-LHH	ngtdm	Complexity	1556.617603
wavelet-LHH	ngtdm	Strength	31.44037647
wavelet-LHH	ngtdm	Contrast	3.341257143
wavelet-LHH	ngtdm	Busyness	0.046971869
wavelet-LLH	gldm	GrayLevelVariance	491.2384
wavelet-LLH	gldm	HighGrayLevelEmphasis	3191.08
wavelet-LLH	gldm	DependenceEntropy	4.48385619
wavelet-LLH	gldm	DependenceNonUniformity	25
wavelet-LLH	gldm	GrayLevelNonUniformity	1.16
wavelet-LLH	gldm	SmallDependenceEmphasis	1
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	3191.08
wavelet-LLH	gldm	DependenceNonUniformityNormalized	1
wavelet-LLH	gldm	LargeDependenceEmphasis	1
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.040696974
wavelet-LLH	gldm	DependenceVariance	0
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3191.08
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.040696974
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.040696974
wavelet-LLH	glcm	JointAverage	48.6207265
wavelet-LLH	glcm	SumAverage	97.24145299
wavelet-LLH	glcm	JointEntropy	3.083372528
wavelet-LLH	glcm	ClusterShade	-3501.759415
wavelet-LLH	glcm	MaximumProbability	0.171535409
wavelet-LLH	glcm	Idmn	0.869780031
wavelet-LLH	glcm	JointEnergy	0.171535409
wavelet-LLH	glcm	Contrast	1425.219841
wavelet-LLH	glcm	DifferenceEntropy	1.95389269
wavelet-LLH	glcm	InverseVariance	0.038320796
wavelet-LLH	glcm	DifferenceVariance	212.6650132
wavelet-LLH	glcm	Idn	0.772851812
wavelet-LLH	glcm	Idm	0.026519292
wavelet-LLH	glcm	Correlation	-0.223652385

wavelet-LLH	glcm	Autocorrelation	2287.152076
wavelet-LLH	glcm	SumEntropy	2.072383517
wavelet-LLH	glcm	SumSquares	528.4823849
wavelet-LLH	glcm	ClusterProminence	1503412.039
wavelet-LLH	glcm	Imc2	0.987241288
wavelet-LLH	glcm	Imc1	-0.967208563
wavelet-LLH	glcm	DifferenceAverage	29.9979243
wavelet-LLH	glcm	Id	0.078987411
wavelet-LLH	glcm	ClusterTendency	688.7096985
wavelet-LLH	firstorder	InterquartileRange	750.5127585
wavelet-LLH	firstorder	Skewness	-0.244842491
wavelet-LLH	firstorder	Uniformity	0.0464
wavelet-LLH	firstorder	Median	319.8663816
wavelet-LLH	firstorder	Energy	10530135.55
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	286.2072826
wavelet-LLH	firstorder	MeanAbsoluteDeviation	433.1428102
wavelet-LLH	firstorder	TotalEnergy	284313659.8
wavelet-LLH	firstorder	Maximum	1247.235529
wavelet-LLH	firstorder	RootMeanSquared	649.0034068
wavelet-LLH	firstorder	90Percentile	1077.669358
wavelet-LLH	firstorder	Minimum	-944.1619884
wavelet-LLH	firstorder	Entropy	4.48385619
wavelet-LLH	firstorder	Range	2191.397518
wavelet-LLH	firstorder	Variance	309097.2699
wavelet-LLH	firstorder	10Percentile	-271.6668913
wavelet-LLH	firstorder	Kurtosis	2.572600013
wavelet-LLH	firstorder	Mean	334.8255548
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.040696974
wavelet-LLH	glrlm	GrayLevelVariance	491.2384
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.040696974
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.0464
wavelet-LLH	glrlm	RunVariance	0
wavelet-LLH	glrlm	GrayLevelNonUniformity	1.16
wavelet-LLH	glrlm	LongRunEmphasis	1
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	3191.08
wavelet-LLH	glrlm	RunLengthNonUniformity	25
wavelet-LLH	glrlm	ShortRunEmphasis	1
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	3191.08
wavelet-LLH	glrlm	RunPercentage	1
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.040696974
wavelet-LLH	glrlm	RunEntropy	4.48385619
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	3191.08
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	1
wavelet-LLH	glszm	GrayLevelVariance	491.2384
wavelet-LLH	glszm	ZoneVariance	0
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.0464
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	1
wavelet-LLH	glszm	SizeZoneNonUniformity	25
wavelet-LLH	glszm	GrayLevelNonUniformity	1.16
wavelet-LLH	glszm	LargeAreaEmphasis	1
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	3191.08
wavelet-LLH	glszm	ZonePercentage	1
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.040696974
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3191.08
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	3191.08
wavelet-LLH	glszm	SmallAreaEmphasis	1
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.040696974
wavelet-LLH	glszm	ZoneEntropy	4.48385619

wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.040696974
wavelet-LLH	ngtdm	Coarseness	0.057678839
wavelet-LLH	ngtdm	Complexity	11120.55
wavelet-LLH	ngtdm	Strength	122.7857587
wavelet-LLH	ngtdm	Contrast	29.82842466
wavelet-LLH	ngtdm	Busyness	0.026383889
wavelet-LLL	gldm	GrayLevelVariance	178.3744
wavelet-LLL	gldm	HighGrayLevelEmphasis	811.4
wavelet-LLL	gldm	DependenceEntropy	4.40385619
wavelet-LLL	gldm	DependenceNonUniformity	19.56
wavelet-LLL	gldm	GrayLevelNonUniformity	1.4
wavelet-LLL	gldm	SmallDependenceEmphasis	0.904444444
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	789.9
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.7824
wavelet-LLL	gldm	LargeDependenceEmphasis	1.56
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.049348988
wavelet-LLL	gldm	DependenceVariance	0.2144
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	937.4
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.046435407
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.046860099
wavelet-LLL	glcm	JointAverage	24.80422772
wavelet-LLL	glcm	SumAverage	49.60845543
wavelet-LLL	glcm	JointEntropy	3.035295605
wavelet-LLL	glcm	ClusterShade	1022.111803
wavelet-LLL	glcm	MaximumProbability	0.192368742
wavelet-LLL	glcm	Idmn	0.851362809
wavelet-LLL	glcm	JointEnergy	0.176944063
wavelet-LLL	glcm	Contrast	502.6688339
wavelet-LLL	glcm	DifferenceEntropy	1.93514665
wavelet-LLL	glcm	InverseVariance	0.054181742
wavelet-LLL	glcm	DifferenceVariance	99.97581535
wavelet-LLL	glcm	Idn	0.751208457
wavelet-LLL	glcm	Idm	0.070486725
wavelet-LLL	glcm	Correlation	-0.353267067
wavelet-LLL	glcm	Autocorrelation	557.9506716
wavelet-LLL	glcm	SumEntropy	2.026595971
wavelet-LLL	glcm	SumSquares	178.6301673
wavelet-LLL	glcm	ClusterProminence	138863.5104
wavelet-LLL	glcm	Imc2	0.986940187
wavelet-LLL	glcm	Imc1	-0.957229076
wavelet-LLL	glcm	DifferenceAverage	18.53653846
wavelet-LLL	glcm	Id	0.129095097
wavelet-LLL	glcm	ClusterTendency	211.8518353
wavelet-LLL	firstorder	InterquartileRange	544.1320477
wavelet-LLL	firstorder	Skewness	0.041306476
wavelet-LLL	firstorder	Uniformity	0.056
wavelet-LLL	firstorder	Median	-1180.600041
wavelet-LLL	firstorder	Energy	37885461.01
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	227.040835
wavelet-LLL	firstorder	MeanAbsoluteDeviation	296.2076991
wavelet-LLL	firstorder	TotalEnergy	1022907447
wavelet-LLL	firstorder	Maximum	-591.7449143
wavelet-LLL	firstorder	RootMeanSquared	1231.023331
wavelet-LLL	firstorder	90Percentile	-775.9442363
wavelet-LLL	firstorder	Minimum	-1775.530844
wavelet-LLL	firstorder	Entropy	4.29366069
wavelet-LLL	firstorder	Range	1183.78593
wavelet-LLL	firstorder	Variance	111873.726

wavelet-LLL	firstorder	10Percentile	-1549.539017
wavelet-LLL	firstorder	Kurtosis	1.858384636
wavelet-LLL	firstorder	Mean	-1184.712925
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.047110626
wavelet-LLL	glrlm	GrayLevelVariance	178.8285521
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.047131994
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.055397436
wavelet-LLL	glrlm	RunVariance	0.006143162
wavelet-LLL	glrlm	GrayLevelNonUniformity	1.376923077
wavelet-LLL	glrlm	LongRunEmphasis	1.019230769
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	814.0772436
wavelet-LLL	glrlm	RunLengthNonUniformity	24.55128205
wavelet-LLL	glrlm	ShortRunEmphasis	0.995192308
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	819.4858974
wavelet-LLL	glrlm	RunPercentage	0.993846154
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.047217464
wavelet-LLL	glrlm	RunEntropy	4.312835327
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	815.1589744
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.987713675
wavelet-LLL	glszm	GrayLevelVariance	184.1285444
wavelet-LLL	glszm	ZoneVariance	0.166351607
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.051039698
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.916824197
wavelet-LLL	glszm	SizeZoneNonUniformity	21.08695652
wavelet-LLL	glszm	GrayLevelNonUniformity	1.173913043
wavelet-LLL	glszm	LargeAreaEmphasis	1.347826087
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	853.6956522
wavelet-LLL	glszm	ZonePercentage	0.92
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.05209431
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	940.6521739
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	862.3913043
wavelet-LLL	glszm	SmallAreaEmphasis	0.961352657
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.050548416
wavelet-LLL	glszm	ZoneEntropy	4.349648913
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.05037665
wavelet-LLL	ngtdm	Coarseness	0.060140902
wavelet-LLL	ngtdm	Complexity	4734.464611
wavelet-LLL	ngtdm	Strength	48.56288766
wavelet-LLL	ngtdm	Contrast	10.79104448
wavelet-LLL	ngtdm	Busyness	0.048950833
wavelet-HHL	gldm	GrayLevelVariance	59.6224
wavelet-HHL	gldm	HighGrayLevelEmphasis	222.44
wavelet-HHL	gldm	DependenceEntropy	3.81366069
wavelet-HHL	gldm	DependenceNonUniformity	25
wavelet-HHL	gldm	GrayLevelNonUniformity	2.04
wavelet-HHL	gldm	SmallDependenceEmphasis	1
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	222.44
wavelet-HHL	gldm	DependenceNonUniformityNormalized	1
wavelet-HHL	gldm	LargeDependenceEmphasis	1
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.074361345
wavelet-HHL	gldm	DependenceVariance	0
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	222.44
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.074361345
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.074361345
wavelet-HHL	glcm	JointAverage	13.45111416
wavelet-HHL	glcm	SumAverage	26.90222833
wavelet-HHL	glcm	JointEntropy	3.061394506
wavelet-HHL	glcm	ClusterShade	-11.93576854

wavelet-HHL	glcm	MaximumProbability	0.177029915
wavelet-HHL	glcm	Idmn	0.868222382
wavelet-HHL	glcm	JointEnergy	0.173105268
wavelet-HHL	glcm	Contrast	135.7964896
wavelet-HHL	glcm	DifferenceEntropy	1.816933994
wavelet-HHL	glcm	InverseVariance	0.084174636
wavelet-HHL	glcm	DifferenceVariance	26.38375839
wavelet-HHL	glcm	Idn	0.752865829
wavelet-HHL	glcm	Idm	0.054219021
wavelet-HHL	glcm	Correlation	-0.371698914
wavelet-HHL	glcm	Autocorrelation	170.6391026
wavelet-HHL	glcm	SumEntropy	2.016217461
wavelet-HHL	glcm	SumSquares	51.16981114
wavelet-HHL	glcm	ClusterProminence	15722.40785
wavelet-HHL	glcm	Imc2	0.985937831
wavelet-HHL	glcm	Imc1	-0.896448357
wavelet-HHL	glcm	DifferenceAverage	10.0742674
wavelet-HHL	glcm	Id	0.137545569
wavelet-HHL	glcm	ClusterTendency	68.88275494
wavelet-HHL	firstorder	InterquartileRange	341.5162441
wavelet-HHL	firstorder	Skewness	0.041307905
wavelet-HHL	firstorder	Uniformity	0.0816
wavelet-HHL	firstorder	Median	85.69310661
wavelet-HHL	firstorder	Energy	997800.9973
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	138.3268041
wavelet-HHL	firstorder	MeanAbsoluteDeviation	172.0263288
wavelet-HHL	firstorder	TotalEnergy	26940626.93
wavelet-HHL	firstorder	Maximum	446.4563012
wavelet-HHL	firstorder	RootMeanSquared	199.7799787
wavelet-HHL	firstorder	90Percentile	256.2268022
wavelet-HHL	firstorder	Minimum	-239.2283033
wavelet-HHL	firstorder	Entropy	3.81366069
wavelet-HHL	firstorder	Range	685.6846045
wavelet-HHL	firstorder	Variance	37106.21227
wavelet-HHL	firstorder	10Percentile	-197.4859974
wavelet-HHL	firstorder	Kurtosis	1.819094949
wavelet-HHL	firstorder	Mean	52.97006347
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.074361345
wavelet-HHL	glrlm	GrayLevelVariance	59.6224
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.074361345
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.0816
wavelet-HHL	glrlm	RunVariance	0
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.04
wavelet-HHL	glrlm	LongRunEmphasis	1
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	222.44
wavelet-HHL	glrlm	RunLengthNonUniformity	25
wavelet-HHL	glrlm	ShortRunEmphasis	1
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	222.44
wavelet-HHL	glrlm	RunPercentage	1
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.074361345
wavelet-HHL	glrlm	RunEntropy	3.81366069
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	222.44
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	1
wavelet-HHL	glszm	GrayLevelVariance	59.6224
wavelet-HHL	glszm	ZoneVariance	0
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.0816
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	1
wavelet-HHL	glszm	SizeZoneNonUniformity	25

wavelet-HHL	glszm	GrayLevelNonUniformity	2.04
wavelet-HHL	glszm	LargeAreaEmphasis	1
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	222.44
wavelet-HHL	glszm	ZonePercentage	1
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.074361345
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	222.44
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	222.44
wavelet-HHL	glszm	SmallAreaEmphasis	1
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.074361345
wavelet-HHL	glszm	ZoneEntropy	3.81366069
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.074361345
wavelet-HHL	ngtdm	Coarseness	0.071348486
wavelet-HHL	ngtdm	Complexity	1259.16111
wavelet-HHL	ngtdm	Strength	21.93309105
wavelet-HHL	ngtdm	Contrast	3.691265371
wavelet-HHL	ngtdm	Busyness	0.066186788
wavelet-HLH	gldm	GrayLevelVariance	120.1344
wavelet-HLH	gldm	HighGrayLevelEmphasis	438.4
wavelet-HLH	gldm	DependenceEntropy	3.94346519
wavelet-HLH	gldm	DependenceNonUniformity	21.32
wavelet-HLH	gldm	GrayLevelNonUniformity	1.96
wavelet-HLH	gldm	SmallDependenceEmphasis	0.94
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	433.54
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.8528
wavelet-HLH	gldm	LargeDependenceEmphasis	1.24
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.055558137
wavelet-HLH	gldm	DependenceVariance	0.0736
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	457.84
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.051854434
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.052595174
wavelet-HLH	glcm	JointAverage	17.60318987
wavelet-HLH	glcm	SumAverage	35.20637973
wavelet-HLH	glcm	JointEntropy	2.997291942
wavelet-HLH	glcm	ClusterShade	914.0642401
wavelet-HLH	glcm	MaximumProbability	0.190918803
wavelet-HLH	glcm	Idmn	0.788141223
wavelet-HLH	glcm	JointEnergy	0.179337461
wavelet-HLH	glcm	Contrast	367.1781136
wavelet-HLH	glcm	DifferenceEntropy	1.900306342
wavelet-HLH	glcm	InverseVariance	0.07101911
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wavelet-HLH	glcm	Idn	0.696172644
wavelet-HLH	glcm	Idm	0.050828669
wavelet-HLH	glcm	Correlation	-0.278784034
wavelet-HLH	glcm	Autocorrelation	265.2963675
wavelet-HLH	glcm	SumEntropy	1.896450088
wavelet-HLH	glcm	SumSquares	133.8428697
wavelet-HLH	glcm	ClusterProminence	88522.42005
wavelet-HLH	glcm	Imc2	0.981347835
wavelet-HLH	glcm	Imc1	-0.885044055
wavelet-HLH	glcm	DifferenceAverage	16.70985958
wavelet-HLH	glcm	Id	0.11030639
wavelet-HLH	glcm	ClusterTendency	168.1933652
wavelet-HLH	firstorder	InterquartileRange	497.0391071
wavelet-HLH	firstorder	Skewness	0.008146521
wavelet-HLH	firstorder	Uniformity	0.0784
wavelet-HLH	firstorder	Median	191.922688
wavelet-HLH	firstorder	Energy	2022782.546

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	211.8255942
wavelet-HLH	firstorder	MeanAbsoluteDeviation	252.5510673
wavelet-HLH	firstorder	TotalEnergy	54615128.73
wavelet-HLH	firstorder	Maximum	490.2876419
wavelet-HLH	firstorder	RootMeanSquared	284.4491199
wavelet-HLH	firstorder	90Percentile	438.2032575
wavelet-HLH	firstorder	Minimum	-335.8435486
wavelet-HLH	firstorder	Entropy	3.83326969
wavelet-HLH	firstorder	Range	826.1311905
wavelet-HLH	firstorder	Variance	73922.02288
wavelet-HLH	firstorder	10Percentile	-249.7472167
wavelet-HLH	firstorder	Kurtosis	1.480142441
wavelet-HLH	firstorder	Mean	83.60190752
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.052694502
wavelet-HLH	glrlm	GrayLevelVariance	120.2585434
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.052724179
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.078245299
wavelet-HLH	glrlm	RunVariance	0.003071581
wavelet-HLH	glrlm	GrayLevelNonUniformity	1.95025641
wavelet-HLH	glrlm	LongRunEmphasis	1.009615385
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	439.3508013
wavelet-HLH	glrlm	RunLengthNonUniformity	24.77564103
wavelet-HLH	glrlm	ShortRunEmphasis	0.997596154
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	440.324359
wavelet-HLH	glrlm	RunPercentage	0.996923077
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.052842888
wavelet-HLH	glrlm	RunEntropy	3.841381396
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	439.5455128
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.993856838
wavelet-HLH	glszm	GrayLevelVariance	121.7482639
wavelet-HLH	glszm	ZoneVariance	0.039930556
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.076388889
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.920138889
wavelet-HLH	glszm	SizeZoneNonUniformity	22.08333333
wavelet-HLH	glszm	GrayLevelNonUniformity	1.833333333
wavelet-HLH	glszm	LargeAreaEmphasis	1.125
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	450.7604167
wavelet-HLH	glszm	ZonePercentage	0.96
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.055815447
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	463.4166667
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	453.2916667
wavelet-HLH	glszm	SmallAreaEmphasis	0.96875
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.054272237
wavelet-HLH	glszm	ZoneEntropy	3.938721876
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.053886434
wavelet-HLH	ngtdm	Coarseness	0.047503252
wavelet-HLH	ngtdm	Complexity	2464.277437
wavelet-HLH	ngtdm	Strength	29.2151037
wavelet-HLH	ngtdm	Contrast	10.22906278
wavelet-HLH	ngtdm	Busyness	0.080225573

Image type	Feature Class	Feature Name	Value
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general	info	MaskHash	aec6c9f3847b87af1d6a50b180dd18e251dce766
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	363
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original	shape	Maximum2DDiameterSlice	27.65863337
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original	shape	Elongation	0.98544768
original	shape	SurfaceVolumeRatio	0.261545261
original	shape	Volume	9801
original	shape	MajorAxis	26.73868156
original	shape	SurfaceArea	2563.405103
original	shape	Flatness	0.743740739
original	shape	LeastAxis	19.88664679
original	shape	Maximum2DDiameterColumn	30
original	shape	Maximum2DDiameterRow	30.59411708
original	gldm	GrayLevelVariance	58.23046392
original	gldm	HighGrayLevelEmphasis	1311.936639
original	gldm	DependenceEntropy	6.119934651
original	gldm	DependenceNonUniformity	42.12396694
original	gldm	GrayLevelNonUniformity	52.91735537
original	gldm	SmallDependenceEmphasis	0.300526475
original	gldm	SmallDependenceHighGrayLevelEmphasis	406.088045
original	gldm	DependenceNonUniformityNormalized	0.116043986
original	gldm	LargeDependenceEmphasis	39.25895317
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.033779718
original	gldm	DependenceVariance	14.20382639
original	gldm	LargeDependenceHighGrayLevelEmphasis	50937.83747
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.003609223
original	gldm	LowGrayLevelEmphasis	0.004169599
original	glcm	JointAverage	35.80191794
original	glcm	SumAverage	71.60383588
original	glcm	JointEntropy	5.967488456
original	glcm	ClusterShade	-1075.802383
original	glcm	MaximumProbability	0.109918481
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original	glcm	Idn	0.949720512
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original	glcm	Correlation	0.225010905
original	glcm	Autocorrelation	1292.19761
original	glcm	SumEntropy	4.273679454
original	glcm	SumSquares	45.79069394
original	glcm	ClusterProminence	130491.674
original	glcm	Imc2	0.898663064
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original	glcm	DifferenceAverage	4.499895811
original	glcm	Id	0.452007474
original	glcm	ClusterTendency	112.3955066
original	firstorder	InterquartileRange	50
original	firstorder	Skewness	-0.649391658
original	firstorder	Uniformity	0.145777838
original	firstorder	Median	33
original	firstorder	Energy	13353444
original	firstorder	RobustMeanAbsoluteDeviation	24.51005136
original	firstorder	MeanAbsoluteDeviation	94.87507684
original	firstorder	TotalEnergy	360542988
original	firstorder	Maximum	1012
original	firstorder	RootMeanSquared	191.7976723
original	firstorder	90Percentile	114.6
original	firstorder	Minimum	-838
original	firstorder	Entropy	3.678797827
original	firstorder	Range	1850
original	firstorder	Variance	36312.23547
original	firstorder	10Percentile	-68
original	firstorder	Kurtosis	10.32560122
original	firstorder	Mean	21.77410468
original	glrlm	ShortRunLowGrayLevelEmphasis	0.004704316
original	glrlm	GrayLevelVariance	68.31656436
original	glrlm	LowGrayLevelRunEmphasis	0.004791646
original	glrlm	GrayLevelNonUniformityNormalized	0.121139498
original	glrlm	RunVariance	0.250321349
original	glrlm	GrayLevelNonUniformity	37.24528366
original	glrlm	LongRunEmphasis	1.652542298
original	glrlm	ShortRunHighGrayLevelEmphasis	1169.788871
original	glrlm	RunLengthNonUniformity	230.1972453
original	glrlm	ShortRunEmphasis	0.888126475
original	glrlm	LongRunHighGrayLevelEmphasis	2160.624359
original	glrlm	RunPercentage	0.845941937
original	glrlm	LongRunLowGrayLevelEmphasis	0.005299388
original	glrlm	RunEntropy	4.504323043
original	glrlm	HighGrayLevelRunEmphasis	1314.824851
original	glrlm	RunLengthNonUniformityNormalized	0.748564646
original	glszm	GrayLevelVariance	167.7301477
original	glszm	ZoneVariance	133.3081717
original	glszm	GrayLevelNonUniformityNormalized	0.04170514
original	glszm	SizeZoneNonUniformityNormalized	0.651585103
original	glszm	SizeZoneNonUniformity	74.28070175

original	glszm	GrayLevelNonUniformity	4.754385965
original	glszm	LargeAreaEmphasis	143.4473684
original	glszm	SmallAreaHighGrayLevelEmphasis	1127.959443
original	glszm	ZonePercentage	0.314049587
original	glszm	LargeAreaLowGrayLevelEmphasis	0.122123743
original	glszm	LargeAreaHighGrayLevelEmphasis	185282.6228
original	glszm	HighGrayLevelZoneEmphasis	1350.72807
original	glszm	SmallAreaEmphasis	0.829381358
original	glszm	LowGrayLevelZoneEmphasis	0.011544699
original	glszm	ZoneEntropy	5.606290945
original	glszm	SmallAreaLowGrayLevelEmphasis	0.011383542
original	ngtdm	Coarseness	0.011470068
original	ngtdm	Complexity	3970.151292
original	ngtdm	Strength	26.47483706
original	ngtdm	Contrast	0.193542445
original	ngtdm	Busyness	0.033876383
wavelet-HHH	gldm	GrayLevelVariance	8.170844432
wavelet-HHH	gldm	HighGrayLevelEmphasis	166.5977961
wavelet-HHH	gldm	DependenceEntropy	5.874634983
wavelet-HHH	gldm	DependenceNonUniformity	54.77410468
wavelet-HHH	gldm	GrayLevelNonUniformity	42.11294766
wavelet-HHH	gldm	SmallDependenceEmphasis	0.320098934
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	54.73612932
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.15089285
wavelet-HHH	gldm	LargeDependenceEmphasis	23.3415978
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.157082536
wavelet-HHH	gldm	DependenceVariance	9.035281439
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	3667.644628
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005908146
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.010478215
wavelet-HHH	glcm	JointAverage	12.50688606
wavelet-HHH	glcm	SumAverage	25.01377212
wavelet-HHH	glcm	JointEntropy	6.379059585
wavelet-HHH	glcm	ClusterShade	-7.115700892
wavelet-HHH	glcm	MaximumProbability	0.061643749
wavelet-HHH	glcm	ldmn	0.969603108
wavelet-HHH	glcm	JointEnergy	0.02013302
wavelet-HHH	glcm	Contrast	15.15554688
wavelet-HHH	glcm	DifferenceEntropy	3.050380282
wavelet-HHH	glcm	InverseVariance	0.311543111
wavelet-HHH	glcm	DifferenceVariance	6.805222527
wavelet-HHH	glcm	ldn	0.889363672
wavelet-HHH	glcm	ldm	0.323585096
wavelet-HHH	glcm	Correlation	-0.034691847
wavelet-HHH	glcm	Autocorrelation	156.1623133
wavelet-HHH	glcm	SumEntropy	3.827156617
wavelet-HHH	glcm	SumSquares	7.316773452
wavelet-HHH	glcm	ClusterProminence	797.726376
wavelet-HHH	glcm	lmc2	0.736083701
wavelet-HHH	glcm	lmc1	-0.116414495
wavelet-HHH	glcm	DifferenceAverage	2.868907927
wavelet-HHH	glcm	ld	0.402752754
wavelet-HHH	glcm	ClusterTendency	14.11154692
wavelet-HHH	firstorder	InterquartileRange	77.8016016
wavelet-HHH	firstorder	Skewness	-0.300665834
wavelet-HHH	firstorder	Uniformity	0.11601363

wavelet-HHH	firstorder	Median	1.674303392
wavelet-HHH	firstorder	Energy	1852629.674
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	32.2503784
wavelet-HHH	firstorder	MeanAbsoluteDeviation	52.50227951
wavelet-HHH	firstorder	TotalEnergy	50021001.19
wavelet-HHH	firstorder	Maximum	213.0605281
wavelet-HHH	firstorder	RootMeanSquared	71.4399259
wavelet-HHH	firstorder	90Percentile	90.35069976
wavelet-HHH	firstorder	Minimum	-289.6791239
wavelet-HHH	firstorder	Entropy	3.474730341
wavelet-HHH	firstorder	Range	502.739652
wavelet-HHH	firstorder	Variance	5098.473456
wavelet-HHH	firstorder	10Percentile	-90.41650747
wavelet-HHH	firstorder	Kurtosis	4.026060447
wavelet-HHH	firstorder	Mean	2.278059834
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.010435014
wavelet-HHH	grlm	GrayLevelVariance	8.930896427
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.010946018
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.10614392
wavelet-HHH	grlm	RunVariance	0.156123005
wavelet-HHH	grlm	GrayLevelNonUniformity	34.41472835
wavelet-HHH	grlm	LongRunEmphasis	1.41208932
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	155.067391
wavelet-HHH	grlm	RunLengthNonUniformity	265.2864595
wavelet-HHH	grlm	ShortRunEmphasis	0.922516426
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	232.895626
wavelet-HHH	grlm	RunPercentage	0.892985802
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.013661164
wavelet-HHH	grlm	RunEntropy	4.008806671
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	167.4743099
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.817741041
wavelet-HHH	glszm	GrayLevelVariance	18.10004031
wavelet-HHH	glszm	ZoneVariance	63.89283795
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.070142435
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.51518409
wavelet-HHH	glszm	SizeZoneNonUniformity	62.85245902
wavelet-HHH	glszm	GrayLevelNonUniformity	8.557377049
wavelet-HHH	glszm	LargeAreaEmphasis	72.74590164
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	127.3468953
wavelet-HHH	glszm	ZonePercentage	0.336088154
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.477332349
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	11656.72951
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	173.1229508
wavelet-HHH	glszm	SmallAreaEmphasis	0.744492666
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.018017321
wavelet-HHH	glszm	ZoneEntropy	5.049956986
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016161234
wavelet-HHH	ngtdm	Coarseness	0.019677142
wavelet-HHH	ngtdm	Complexity	312.7199295
wavelet-HHH	ngtdm	Strength	1.92110706
wavelet-HHH	ngtdm	Contrast	0.106086307
wavelet-HHH	ngtdm	Busyness	0.183494479
wavelet-HLL	gldm	GrayLevelVariance	69.58861341
wavelet-HLL	gldm	HighGrayLevelEmphasis	1049.46832
wavelet-HLL	gldm	DependenceEntropy	6.239657313
wavelet-HLL	gldm	DependenceNonUniformity	70.29476584

wavelet-HLL	gldm	GrayLevelNonUniformity	26.47107438
wavelet-HLL	gldm	SmallDependenceEmphasis	0.376069656
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	335.2707539
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.193649493
wavelet-HLL	gldm	LargeDependenceEmphasis	13.14876033
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019141478
wavelet-HLL	gldm	DependenceVariance	4.411280347
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	15852.97245
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003833479
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.004951406
wavelet-HLL	glcm	JointAverage	32.20520126
wavelet-HLL	glcm	SumAverage	64.41040252
wavelet-HLL	glcm	JointEntropy	7.183210624
wavelet-HLL	glcm	ClusterShade	-3493.855092
wavelet-HLL	glcm	MaximumProbability	0.039254735
wavelet-HLL	glcm	Idmn	0.97577402
wavelet-HLL	glcm	JointEnergy	0.011244465
wavelet-HLL	glcm	Contrast	65.76930878
wavelet-HLL	glcm	DifferenceEntropy	3.676089164
wavelet-HLL	glcm	InverseVariance	0.261364614
wavelet-HLL	glcm	DifferenceVariance	37.67437996
wavelet-HLL	glcm	Idn	0.913867604
wavelet-HLL	glcm	Idm	0.252928784
wavelet-HLL	glcm	Correlation	0.336916433
wavelet-HLL	glcm	Autocorrelation	1059.653152
wavelet-HLL	glcm	SumEntropy	4.819106902
wavelet-HLL	glcm	SumSquares	55.01260412
wavelet-HLL	glcm	ClusterProminence	150616.5072
wavelet-HLL	glcm	Imc2	0.92676098
wavelet-HLL	glcm	Imc1	-0.249509367
wavelet-HLL	glcm	DifferenceAverage	5.127199197
wavelet-HLL	glcm	Id	0.333370584
wavelet-HLL	glcm	ClusterTendency	154.2811077
wavelet-HLL	firstorder	InterquartileRange	147.3366292
wavelet-HLL	firstorder	Skewness	-1.718857529
wavelet-HLL	firstorder	Uniformity	0.07292307
wavelet-HLL	firstorder	Median	-34.59312551
wavelet-HLL	firstorder	Energy	19804219.22
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	73.428793
wavelet-HLL	firstorder	MeanAbsoluteDeviation	146.1890007
wavelet-HLL	firstorder	TotalEnergy	534713919
wavelet-HLL	firstorder	Maximum	317.9158561
wavelet-HLL	firstorder	RootMeanSquared	233.5745657
wavelet-HLL	firstorder	90Percentile	55.96447071
wavelet-HLL	firstorder	Minimum	-855.3756718
wavelet-HLL	firstorder	Entropy	4.305845242
wavelet-HLL	firstorder	Range	1173.291528
wavelet-HLL	firstorder	Variance	43430.59068
wavelet-HLL	firstorder	10Percentile	-473.0235107
wavelet-HLL	firstorder	Kurtosis	5.435177163
wavelet-HLL	firstorder	Mean	-105.4821647
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005161249
wavelet-HLL	glrlm	GrayLevelVariance	72.09325451
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005241025
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.067585123
wavelet-HLL	glrlm	RunVariance	0.09785622

wavelet-HLL	glrlm	GrayLevelNonUniformity	22.68819583
wavelet-HLL	glrlm	LongRunEmphasis	1.269416899
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	972.6269171
wavelet-HLL	glrlm	RunLengthNonUniformity	291.2618444
wavelet-HLL	glrlm	ShortRunEmphasis	0.944986459
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1359.070758
wavelet-HLL	glrlm	RunPercentage	0.924772197
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.005617299
wavelet-HLL	glrlm	RunEntropy	4.699273038
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1037.953556
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.866757555
wavelet-HLL	glszm	GrayLevelVariance	90.8745552
wavelet-HLL	glszm	ZoneVariance	29.76271339
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.044997973
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.494257015
wavelet-HLL	glszm	SizeZoneNonUniformity	73.6442953
wavelet-HLL	glszm	GrayLevelNonUniformity	6.704697987
wavelet-HLL	glszm	LargeAreaEmphasis	35.69798658
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	611.6125488
wavelet-HLL	glszm	ZonePercentage	0.41046832
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.043304243
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	43969.52349
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	889.2214765
wavelet-HLL	glszm	SmallAreaEmphasis	0.730207219
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.009618786
wavelet-HLL	glszm	ZoneEntropy	5.77385826
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008922091
wavelet-HLL	ngtdm	Coarseness	0.017671047
wavelet-HLL	ngtdm	Complexity	2518.287414
wavelet-HLL	ngtdm	Strength	15.48781195
wavelet-HLL	ngtdm	Contrast	0.370668875
wavelet-HLL	ngtdm	Busyness	0.034706138
wavelet-LHL	gldm	GrayLevelVariance	58.3055954
wavelet-LHL	gldm	HighGrayLevelEmphasis	977.5812672
wavelet-LHL	gldm	DependenceEntropy	6.276761254
wavelet-LHL	gldm	DependenceNonUniformity	103.7548209
wavelet-LHL	gldm	GrayLevelNonUniformity	17.61707989
wavelet-LHL	gldm	SmallDependenceEmphasis	0.494570022
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	481.1516664
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.285825953
wavelet-LHL	gldm	LargeDependenceEmphasis	6.55922865
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.011094458
wavelet-LHL	gldm	DependenceVariance	1.930211203
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	6455.151515
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003983868
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004665518
wavelet-LHL	glcm	JointAverage	30.12286244
wavelet-LHL	glcm	SumAverage	60.24572488
wavelet-LHL	glcm	JointEntropy	8.049156987
wavelet-LHL	glcm	ClusterShade	-21.32186117
wavelet-LHL	glcm	MaximumProbability	0.01620971
wavelet-LHL	glcm	ldmn	0.971079374
wavelet-LHL	glcm	JointEnergy	0.004791261
wavelet-LHL	glcm	Contrast	103.762604
wavelet-LHL	glcm	DifferenceEntropy	4.16591738
wavelet-LHL	glcm	InverseVariance	0.187183808

wavelet-LHL	glcm	DifferenceVariance	52.07226015
wavelet-LHL	glcm	Idn	0.896926188
wavelet-LHL	glcm	Idm	0.171461774
wavelet-LHL	glcm	Correlation	0.080722945
wavelet-LHL	glcm	Autocorrelation	912.1807332
wavelet-LHL	glcm	SumEntropy	5.194988802
wavelet-LHL	glcm	SumSquares	56.6667952
wavelet-LHL	glcm	ClusterProminence	77888.44528
wavelet-LHL	glcm	Imc2	0.969049304
wavelet-LHL	glcm	Imc1	-0.297773858
wavelet-LHL	glcm	DifferenceAverage	7.040559038
wavelet-LHL	glcm	Id	0.256135215
wavelet-LHL	glcm	ClusterTendency	122.9045769
wavelet-LHL	firstorder	InterquartileRange	187.9469927
wavelet-LHL	firstorder	Skewness	-0.175588798
wavelet-LHL	firstorder	Uniformity	0.048531901
wavelet-LHL	firstorder	Median	7.636263226
wavelet-LHL	firstorder	Energy	13172247.9
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	79.82868168
wavelet-LHL	firstorder	MeanAbsoluteDeviation	135.5968455
wavelet-LHL	firstorder	TotalEnergy	355650693.2
wavelet-LHL	firstorder	Maximum	624.5392537
wavelet-LHL	firstorder	RootMeanSquared	190.4919533
wavelet-LHL	firstorder	90Percentile	187.5720949
wavelet-LHL	firstorder	Minimum	-733.4363006
wavelet-LHL	firstorder	Entropy	4.759066242
wavelet-LHL	firstorder	Range	1357.975554
wavelet-LHL	firstorder	Variance	36265.113
wavelet-LHL	firstorder	10Percentile	-216.2466188
wavelet-LHL	firstorder	Kurtosis	5.262760893
wavelet-LHL	firstorder	Mean	-4.698008088
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004785997
wavelet-LHL	glrlm	GrayLevelVariance	60.01561646
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.004826138
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.047264592
wavelet-LHL	glrlm	RunVariance	0.054515772
wavelet-LHL	glrlm	GrayLevelNonUniformity	16.39942321
wavelet-LHL	glrlm	LongRunEmphasis	1.150478144
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	945.5364871
wavelet-LHL	glrlm	RunLengthNonUniformity	319.1245247
wavelet-LHL	glrlm	ShortRunEmphasis	0.967787954
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1125.851328
wavelet-LHL	glrlm	RunPercentage	0.955710956
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005008187
wavelet-LHL	glrlm	RunEntropy	4.989392413
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	977.2092353
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.919339192
wavelet-LHL	glszm	GrayLevelVariance	84.3226965
wavelet-LHL	glszm	ZoneVariance	3.950205052
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.036424082
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.518017909
wavelet-LHL	glszm	SizeZoneNonUniformity	105.1576355
wavelet-LHL	glszm	GrayLevelNonUniformity	7.39408867
wavelet-LHL	glszm	LargeAreaEmphasis	7.147783251
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	726.564227
wavelet-LHL	glszm	ZonePercentage	0.55922865

wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.014243065
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	7081.438424
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	972.8325123
wavelet-LHL	glszm	SmallAreaEmphasis	0.747374955
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.007333757
wavelet-LHL	glszm	ZoneEntropy	6.05833102
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006934764
wavelet-LHL	ngtdm	Coarseness	0.019675095
wavelet-LHL	ngtdm	Complexity	4310.741542
wavelet-LHL	ngtdm	Strength	14.39497778
wavelet-LHL	ngtdm	Contrast	0.267339922
wavelet-LHL	ngtdm	Busyness	0.03018606
wavelet-LHH	gldm	GrayLevelVariance	45.31276704
wavelet-LHH	gldm	HighGrayLevelEmphasis	501.953168
wavelet-LHH	gldm	DependenceEntropy	6.27274052
wavelet-LHH	gldm	DependenceNonUniformity	80.70798898
wavelet-LHH	gldm	GrayLevelNonUniformity	24.54269972
wavelet-LHH	gldm	SmallDependenceEmphasis	0.451662175
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	245.2772189
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.222336058
wavelet-LHH	gldm	LargeDependenceEmphasis	12.38292011
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.032397994
wavelet-LHH	gldm	DependenceVariance	4.717801607
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5884.134986
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005529655
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.006882807
wavelet-LHH	glcm	JointAverage	21.3308572
wavelet-LHH	glcm	SumAverage	42.6617144
wavelet-LHH	glcm	JointEntropy	7.604955405
wavelet-LHH	glcm	ClusterShade	231.2347897
wavelet-LHH	glcm	MaximumProbability	0.038842211
wavelet-LHH	glcm	ldmn	0.974874884
wavelet-LHH	glcm	JointEnergy	0.008481627
wavelet-LHH	glcm	Contrast	82.33763083
wavelet-LHH	glcm	DifferenceEntropy	3.993313465
wavelet-LHH	glcm	InverseVariance	0.217753976
wavelet-LHH	glcm	DifferenceVariance	43.15424056
wavelet-LHH	glcm	ldn	0.906058914
wavelet-LHH	glcm	ldm	0.218248525
wavelet-LHH	glcm	Correlation	-0.019687994
wavelet-LHH	glcm	Autocorrelation	454.0968114
wavelet-LHH	glcm	SumEntropy	4.843494014
wavelet-LHH	glcm	SumSquares	40.24896022
wavelet-LHH	glcm	ClusterProminence	39787.23618
wavelet-LHH	glcm	lmc2	0.948191006
wavelet-LHH	glcm	lmc1	-0.265178172
wavelet-LHH	glcm	DifferenceAverage	6.124680784
wavelet-LHH	glcm	ld	0.297853031
wavelet-LHH	glcm	ClusterTendency	78.65821003
wavelet-LHH	firstorder	InterquartileRange	129.3232147
wavelet-LHH	firstorder	Skewness	0.765393969
wavelet-LHH	firstorder	Uniformity	0.067610743
wavelet-LHH	firstorder	Median	2.145929463
wavelet-LHH	firstorder	Energy	10247051.47
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	60.92650537
wavelet-LHH	firstorder	MeanAbsoluteDeviation	111.822419

wavelet-LHH	firstorder	TotalEnergy	276670389.6
wavelet-LHH	firstorder	Maximum	780.4212492
wavelet-LHH	firstorder	RootMeanSquared	168.0142611
wavelet-LHH	firstorder	90Percentile	171.0610259
wavelet-LHH	firstorder	Minimum	-512.7005275
wavelet-LHH	firstorder	Entropy	4.437932291
wavelet-LHH	firstorder	Range	1293.121777
wavelet-LHH	firstorder	Variance	28216.97533
wavelet-LHH	firstorder	10Percentile	-193.8556908
wavelet-LHH	firstorder	Kurtosis	6.554256026
wavelet-LHH	firstorder	Mean	-3.437527846
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007100209
wavelet-LHH	glrlm	GrayLevelVariance	48.16250021
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.007218004
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.062154451
wavelet-LHH	glrlm	RunVariance	0.086369683
wavelet-LHH	glrlm	GrayLevelNonUniformity	21.03836871
wavelet-LHH	glrlm	LongRunEmphasis	1.240012275
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	480.8407426
wavelet-LHH	glrlm	RunLengthNonUniformity	297.5027625
wavelet-LHH	glrlm	ShortRunEmphasis	0.950009925
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	617.1171481
wavelet-LHH	glrlm	RunPercentage	0.931977114
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.007774872
wavelet-LHH	glrlm	RunEntropy	4.803589686
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	504.31423
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.878337457
wavelet-LHH	glszm	GrayLevelVariance	80.81780582
wavelet-LHH	glszm	ZoneVariance	17.73073904
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.03689168
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.567020891
wavelet-LHH	glszm	SizeZoneNonUniformity	103.1978022
wavelet-LHH	glszm	GrayLevelNonUniformity	6.714285714
wavelet-LHH	glszm	LargeAreaEmphasis	21.70879121
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	433.0286937
wavelet-LHH	glszm	ZonePercentage	0.50137741
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.056759491
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	10282.33516
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	537.8846154
wavelet-LHH	glszm	SmallAreaEmphasis	0.780524766
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.011310829
wavelet-LHH	glszm	ZoneEntropy	5.851182524
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.010724983
wavelet-LHH	ngtdm	Coarseness	0.019601525
wavelet-LHH	ngtdm	Complexity	3159.785946
wavelet-LHH	ngtdm	Strength	10.95078787
wavelet-LHH	ngtdm	Contrast	0.273192037
wavelet-LHH	ngtdm	Busyness	0.050145861
wavelet-LLH	gldm	GrayLevelVariance	117.6583718
wavelet-LLH	gldm	HighGrayLevelEmphasis	1058.440771
wavelet-LLH	gldm	DependenceEntropy	6.507710569
wavelet-LLH	gldm	DependenceNonUniformity	107.1487603
wavelet-LLH	gldm	GrayLevelNonUniformity	15.2369146
wavelet-LLH	gldm	SmallDependenceEmphasis	0.537435806
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	589.9910174
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.295175648



wavelet-LLH	gldm	LargeDependenceEmphasis	8.796143251
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.03353632
wavelet-LLH	gldm	DependenceVariance	3.605779812
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	8734.165289
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004137774
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.008781064
wavelet-LLH	glcm	JointAverage	29.92622355
wavelet-LLH	glcm	SumAverage	59.8524471
wavelet-LLH	glcm	JointEntropy	8.137307551
wavelet-LLH	glcm	ClusterShade	772.0591535
wavelet-LLH	glcm	MaximumProbability	0.023636358
wavelet-LLH	glcm	ldmn	0.964656481
wavelet-LLH	glcm	JointEnergy	0.005042924
wavelet-LLH	glcm	Contrast	196.1417691
wavelet-LLH	glcm	DifferenceEntropy	4.45571873
wavelet-LLH	glcm	InverseVariance	0.169055464
wavelet-LLH	glcm	DifferenceVariance	108.5624371
wavelet-LLH	glcm	ldn	0.892970683
wavelet-LLH	glcm	ldm	0.167075628
wavelet-LLH	glcm	Correlation	0.045199219
wavelet-LLH	glcm	Autocorrelation	902.4877615
wavelet-LLH	glcm	SumEntropy	5.464868157
wavelet-LLH	glcm	SumSquares	104.9196485
wavelet-LLH	glcm	ClusterProminence	296600.8528
wavelet-LLH	glcm	lmc2	0.987313483
wavelet-LLH	glcm	lmc1	-0.370987966
wavelet-LLH	glcm	DifferenceAverage	9.094257143
wavelet-LLH	glcm	ld	0.24579434
wavelet-LLH	glcm	ClusterTendency	223.5368249
wavelet-LLH	firstorder	InterquartileRange	209.5061381
wavelet-LLH	firstorder	Skewness	0.254159561
wavelet-LLH	firstorder	Uniformity	0.041974971
wavelet-LLH	firstorder	Median	-18.99154213
wavelet-LLH	firstorder	Energy	26714426.66
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	98.0975825
wavelet-LLH	firstorder	MeanAbsoluteDeviation	184.4352708
wavelet-LLH	firstorder	TotalEnergy	721289519.7
wavelet-LLH	firstorder	Maximum	855.3758264
wavelet-LLH	firstorder	RootMeanSquared	271.2811491
wavelet-LLH	firstorder	90Percentile	291.9054017
wavelet-LLH	firstorder	Minimum	-772.5940801
wavelet-LLH	firstorder	Entropy	5.117225646
wavelet-LLH	firstorder	Range	1627.969907
wavelet-LLH	firstorder	Variance	73158.68576
wavelet-LLH	firstorder	10Percentile	-330.7988261
wavelet-LLH	firstorder	Kurtosis	4.448447708
wavelet-LLH	firstorder	Mean	-20.85128553
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.008729841
wavelet-LLH	glrlm	GrayLevelVariance	122.5464189
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.008946145
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.039307785
wavelet-LLH	glrlm	RunVariance	0.062258294
wavelet-LLH	glrlm	GrayLevelNonUniformity	13.5716696
wavelet-LLH	glrlm	LongRunEmphasis	1.169943852
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1026.214892
wavelet-LLH	glrlm	RunLengthNonUniformity	314.7866102

wavelet-LLH	glrlm	ShortRunEmphasis	0.964431686
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1231.493717
wavelet-LLH	glrlm	RunPercentage	0.950837042
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.009840047
wavelet-LLH	glrlm	RunEntropy	5.377875372
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1061.590176
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.911393702
wavelet-LLH	glszm	GrayLevelVariance	172.8620542
wavelet-LLH	glszm	ZoneVariance	6.291473765
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.0260631
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.596664952
wavelet-LLH	glszm	SizeZoneNonUniformity	128.8796296
wavelet-LLH	glszm	GrayLevelNonUniformity	5.62962963
wavelet-LLH	glszm	LargeAreaEmphasis	9.115740741
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	885.3818204
wavelet-LLH	glszm	ZonePercentage	0.595041322
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.031686018
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	9208.981481
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1090.166667
wavelet-LLH	glszm	SmallAreaEmphasis	0.79925334
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009382534
wavelet-LLH	glszm	ZoneEntropy	6.260368089
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00567758
wavelet-LLH	ngtdm	Coarseness	0.020228896
wavelet-LLH	ngtdm	Complexity	9816.056269
wavelet-LLH	ngtdm	Strength	22.1240405
wavelet-LLH	ngtdm	Contrast	0.462149799
wavelet-LLH	ngtdm	Busyness	0.022971651
wavelet-LLL	gldm	GrayLevelVariance	352.1067019
wavelet-LLL	gldm	HighGrayLevelEmphasis	6001.099174
wavelet-LLL	gldm	DependenceEntropy	6.732403311
wavelet-LLL	gldm	DependenceNonUniformity	128.9834711
wavelet-LLL	gldm	GrayLevelNonUniformity	10.59779614
wavelet-LLL	gldm	SmallDependenceEmphasis	0.608528923
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3547.244316
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.355326367
wavelet-LLL	gldm	LargeDependenceEmphasis	5.710743802
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.004637962
wavelet-LLL	gldm	DependenceVariance	1.91737055
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	35110.28926
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003751957
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003826293
wavelet-LLL	glcm	JointAverage	76.65476253
wavelet-LLL	glcm	SumAverage	153.3095251
wavelet-LLL	glcm	JointEntropy	8.406163128
wavelet-LLL	glcm	ClusterShade	-33407.9966
wavelet-LLL	glcm	MaximumProbability	0.01313652
wavelet-LLL	glcm	ldmn	0.983351276
wavelet-LLL	glcm	JointEnergy	0.003613034
wavelet-LLL	glcm	Contrast	303.302543
wavelet-LLL	glcm	DifferenceEntropy	4.743339736
wavelet-LLL	glcm	InverseVariance	0.130502636
wavelet-LLL	glcm	DifferenceVariance	166.7132192
wavelet-LLL	glcm	ldn	0.925313757
wavelet-LLL	glcm	ldm	0.129688909
wavelet-LLL	glcm	Correlation	0.430735327

wavelet-LLL	glcm	Autocorrelation	5994.081004
wavelet-LLL	glcm	SumEntropy	5.972617298
wavelet-LLL	glcm	SumSquares	269.7093713
wavelet-LLL	glcm	ClusterProminence	4203125.098
wavelet-LLL	glcm	Imc2	0.995739509
wavelet-LLL	glcm	Imc1	-0.442884969
wavelet-LLL	glcm	DifferenceAverage	11.38832612
wavelet-LLL	glcm	Id	0.209191394
wavelet-LLL	glcm	ClusterTendency	775.5349423
wavelet-LLL	firstorder	InterquartileRange	315.5720389
wavelet-LLL	firstorder	Skewness	-1.399811892
wavelet-LLL	firstorder	Uniformity	0.029195031
wavelet-LLL	firstorder	Median	140.6350733
wavelet-LLL	firstorder	Energy	80526297.43
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	158.4096508
wavelet-LLL	firstorder	MeanAbsoluteDeviation	319.0069312
wavelet-LLL	firstorder	TotalEnergy	2174210031
wavelet-LLL	firstorder	Maximum	1365.413967
wavelet-LLL	firstorder	RootMeanSquared	470.9941933
wavelet-LLL	firstorder	90Percentile	460.3723443
wavelet-LLL	firstorder	Minimum	-1819.350486
wavelet-LLL	firstorder	Entropy	5.630667051
wavelet-LLL	firstorder	Range	3184.764453
wavelet-LLL	firstorder	Variance	220123.4319
wavelet-LLL	firstorder	10Percentile	-563.4847051
wavelet-LLL	firstorder	Kurtosis	6.010386665
wavelet-LLL	firstorder	Mean	41.3775086
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003960826
wavelet-LLL	glrlm	GrayLevelVariance	363.4172947
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003965606
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.027936733
wavelet-LLL	glrlm	RunVariance	0.043061724
wavelet-LLL	glrlm	GrayLevelNonUniformity	9.774230387
wavelet-LLL	glrlm	LongRunEmphasis	1.121268953
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5826.9142
wavelet-LLL	glrlm	RunLengthNonUniformity	326.418424
wavelet-LLL	glrlm	ShortRunEmphasis	0.973295216
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6746.003845
wavelet-LLL	glrlm	RunPercentage	0.9635516
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003987085
wavelet-LLL	glrlm	RunEntropy	5.821562376
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5992.961542
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.932678874
wavelet-LLL	glszm	GrayLevelVariance	486.9484665
wavelet-LLL	glszm	ZoneVariance	2.431031855
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019051974
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.646937289
wavelet-LLL	glszm	SizeZoneNonUniformity	157.2057613
wavelet-LLL	glszm	GrayLevelNonUniformity	4.62962963
wavelet-LLL	glszm	LargeAreaEmphasis	4.66255144
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4798.409409
wavelet-LLL	glszm	ZonePercentage	0.669421488
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006251392
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	28619.99588
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5874.99177
wavelet-LLL	glszm	SmallAreaEmphasis	0.829898607

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.005624967
wavelet-LLL	glszm	ZoneEntropy	6.559549272
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00558932
wavelet-LLL	ngtdm	Coarseness	0.020721446
wavelet-LLL	ngtdm	Complexity	24588.76814
wavelet-LLL	ngtdm	Strength	77.50487769
wavelet-LLL	ngtdm	Contrast	0.840217953
wavelet-LLL	ngtdm	Busyness	0.006494389
wavelet-HHL	gldm	GrayLevelVariance	9.044297217
wavelet-HHL	gldm	HighGrayLevelEmphasis	194.0192837
wavelet-HHL	gldm	DependenceEntropy	5.950309335
wavelet-HHL	gldm	DependenceNonUniformity	49.78787879
wavelet-HHL	gldm	GrayLevelNonUniformity	42.21212121
wavelet-HHL	gldm	SmallDependenceEmphasis	0.288045964
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	59.74924921
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.137156691
wavelet-HHL	gldm	LargeDependenceEmphasis	22.67493113
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.131229118
wavelet-HHL	gldm	DependenceVariance	7.565755223
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	4171.991736
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004899906
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.009110026
wavelet-HHL	glcm	JointAverage	13.6227874
wavelet-HHL	glcm	SumAverage	27.2455748
wavelet-HHL	glcm	JointEntropy	6.352062626
wavelet-HHL	glcm	ClusterShade	29.52228095
wavelet-HHL	glcm	MaximumProbability	0.063638049
wavelet-HHL	glcm	Idmn	0.980157879
wavelet-HHL	glcm	JointEnergy	0.0203027
wavelet-HHL	glcm	Contrast	16.16991789
wavelet-HHL	glcm	DifferenceEntropy	3.05214127
wavelet-HHL	glcm	InverseVariance	0.319099263
wavelet-HHL	glcm	DifferenceVariance	7.921527153
wavelet-HHL	glcm	Idn	0.911891587
wavelet-HHL	glcm	Idm	0.333577056
wavelet-HHL	glcm	Correlation	-0.001362956
wavelet-HHL	glcm	Autocorrelation	185.5587029
wavelet-HHL	glcm	SumEntropy	3.845508345
wavelet-HHL	glcm	SumSquares	8.061308346
wavelet-HHL	glcm	ClusterProminence	1585.86086
wavelet-HHL	glcm	Imc2	0.775583115
wavelet-HHL	glcm	Imc1	-0.13649419
wavelet-HHL	glcm	DifferenceAverage	2.842004945
wavelet-HHL	glcm	Id	0.411029116
wavelet-HHL	glcm	ClusterTendency	16.0753155
wavelet-HHL	firstorder	InterquartileRange	68.25697931
wavelet-HHL	firstorder	Skewness	0.235058059
wavelet-HHL	firstorder	Uniformity	0.116286835
wavelet-HHL	firstorder	Median	1.326344506
wavelet-HHL	firstorder	Energy	2026323.508
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	31.86369398
wavelet-HHL	firstorder	MeanAbsoluteDeviation	53.28002126
wavelet-HHL	firstorder	TotalEnergy	54710734.73
wavelet-HHL	firstorder	Maximum	339.1013965
wavelet-HHL	firstorder	RootMeanSquared	74.7138436
wavelet-HHL	firstorder	90Percentile	91.31023542

wavelet-HHL	firstorder	Minimum	-315.8233547
wavelet-HHL	firstorder	Entropy	3.512818835
wavelet-HHL	firstorder	Range	654.9247512
wavelet-HHL	firstorder	Variance	5576.658794
wavelet-HHL	firstorder	10Percentile	-75.71458365
wavelet-HHL	firstorder	Kurtosis	5.476837232
wavelet-HHL	firstorder	Mean	2.345129303
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.009045879
wavelet-HHL	grlm	GrayLevelVariance	9.897384401
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.00953222
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.106656413
wavelet-HHL	grlm	RunVariance	0.144638914
wavelet-HHL	grlm	GrayLevelNonUniformity	34.42682741
wavelet-HHL	grlm	LongRunEmphasis	1.411538531
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	179.6423817
wavelet-HHL	grlm	RunLengthNonUniformity	258.913852
wavelet-HHL	grlm	ShortRunEmphasis	0.915331546
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	270.7898612
wavelet-HHL	grlm	RunPercentage	0.888959525
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.011893916
wavelet-HHL	grlm	RunEntropy	4.076795578
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	195.2771435
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.801787787
wavelet-HHL	glszm	GrayLevelVariance	21.2269611
wavelet-HHL	glszm	ZoneVariance	82.18295599
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.065529337
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.482940051
wavelet-HHL	glszm	SizeZoneNonUniformity	54.08928571
wavelet-HHL	glszm	GrayLevelNonUniformity	7.339285714
wavelet-HHL	glszm	LargeAreaEmphasis	92.6875
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	151.7989458
wavelet-HHL	glszm	ZonePercentage	0.308539945
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.530396957
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	16988.09821
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	211.0267857
wavelet-HHL	glszm	SmallAreaEmphasis	0.721891154
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.016371109
wavelet-HHL	glszm	ZoneEntropy	5.243527276
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014604928
wavelet-HHL	ngtdm	Coarseness	0.018819225
wavelet-HHL	ngtdm	Complexity	441.6865264
wavelet-HHL	ngtdm	Strength	2.999373647
wavelet-HHL	ngtdm	Contrast	0.087633842
wavelet-HHL	ngtdm	Busyness	0.144569755
wavelet-HLH	gldm	GrayLevelVariance	20.49677845
wavelet-HLH	gldm	HighGrayLevelEmphasis	407.3829201
wavelet-HLH	gldm	DependenceEntropy	6.113321487
wavelet-HLH	gldm	DependenceNonUniformity	63.40220386
wavelet-HLH	gldm	GrayLevelNonUniformity	34.29476584
wavelet-HLH	gldm	SmallDependenceEmphasis	0.366794467
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	158.2983908
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.174661719
wavelet-HLH	gldm	LargeDependenceEmphasis	24.15702479
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.069475684
wavelet-HLH	gldm	DependenceVariance	11.11358514
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	9020.077135

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.004476018
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.006239025
wavelet-HLH	glcm	JointAverage	19.68943293
wavelet-HLH	glcm	SumAverage	39.37886587
wavelet-HLH	glcm	JointEntropy	6.775749885
wavelet-HLH	glcm	ClusterShade	3.707635537
wavelet-HLH	glcm	MaximumProbability	0.063950801
wavelet-HLH	glcm	ldmn	0.981725264
wavelet-HLH	glcm	JointEnergy	0.016641636
wavelet-HLH	glcm	Contrast	32.58626461
wavelet-HLH	glcm	DifferenceEntropy	3.447688965
wavelet-HLH	glcm	InverseVariance	0.284757562
wavelet-HLH	glcm	DifferenceVariance	17.3525353
wavelet-HLH	glcm	ldn	0.919199244
wavelet-HLH	glcm	ldm	0.298283477
wavelet-HLH	glcm	Correlation	-0.018235133
wavelet-HLH	glcm	Autocorrelation	387.384816
wavelet-HLH	glcm	SumEntropy	4.241123749
wavelet-HLH	glcm	SumSquares	15.99841649
wavelet-HLH	glcm	ClusterProminence	6133.49617
wavelet-HLH	glcm	lmc2	0.87169849
wavelet-HLH	glcm	lmc1	-0.191624231
wavelet-HLH	glcm	DifferenceAverage	3.861167598
wavelet-HLH	glcm	ld	0.375074816
wavelet-HLH	glcm	ClusterTendency	31.40740135
wavelet-HLH	firstorder	InterquartileRange	89.45656162
wavelet-HLH	firstorder	Skewness	0.207190692
wavelet-HLH	firstorder	Uniformity	0.094475939
wavelet-HLH	firstorder	Median	-2.249744885
wavelet-HLH	firstorder	Energy	4638309.915
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	39.40329452
wavelet-HLH	firstorder	MeanAbsoluteDeviation	74.72902919
wavelet-HLH	firstorder	TotalEnergy	125234367.7
wavelet-HLH	firstorder	Maximum	524.0496644
wavelet-HLH	firstorder	RootMeanSquared	113.0385477
wavelet-HLH	firstorder	90Percentile	133.5135343
wavelet-HLH	firstorder	Minimum	-458.9114423
wavelet-HLH	firstorder	Entropy	3.926334327
wavelet-HLH	firstorder	Range	982.9611067
wavelet-HLH	firstorder	Variance	12756.281
wavelet-HLH	firstorder	10Percentile	-105.0520232
wavelet-HLH	firstorder	Kurtosis	6.715556394
wavelet-HLH	firstorder	Mean	4.629499364
wavelet-HLH	gldm	ShortRunLowGrayLevelEmphasis	0.006442478
wavelet-HLH	gldm	GrayLevelVariance	22.42000276
wavelet-HLH	gldm	LowGrayLevelRunEmphasis	0.006632167
wavelet-HLH	gldm	GrayLevelNonUniformityNormalized	0.084062677
wavelet-HLH	gldm	RunVariance	0.159853534
wavelet-HLH	gldm	GrayLevelNonUniformity	27.46168092
wavelet-HLH	gldm	LongRunEmphasis	1.398183788
wavelet-HLH	gldm	ShortRunHighGrayLevelEmphasis	384.3690866
wavelet-HLH	gldm	RunLengthNonUniformity	273.4560379
wavelet-HLH	gldm	ShortRunEmphasis	0.930936135
wavelet-HLH	gldm	LongRunHighGrayLevelEmphasis	560.7725202
wavelet-HLH	gldm	RunPercentage	0.89955499
wavelet-HLH	gldm	LongRunLowGrayLevelEmphasis	0.007722528

wavelet-HLH	glrlm	RunEntropy	4.436565895
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	410.6405737
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.8367623
wavelet-HLH	glszm	GrayLevelVariance	40.8968225
wavelet-HLH	glszm	ZoneVariance	42.1801954
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.053962747
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.499817385
wavelet-HLH	glszm	SizeZoneNonUniformity	73.97297297
wavelet-HLH	glszm	GrayLevelNonUniformity	7.986486486
wavelet-HLH	glszm	LargeAreaEmphasis	48.19594595
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	320.9854893
wavelet-HLH	glszm	ZonePercentage	0.407713499
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.1392431
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	18044.04054
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	434.972973
wavelet-HLH	glszm	SmallAreaEmphasis	0.733850372
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.011281815
wavelet-HLH	glszm	ZoneEntropy	5.538808285
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.010507857
wavelet-HLH	ngtdm	Coarseness	0.018828642
wavelet-HLH	ngtdm	Complexity	1283.799475
wavelet-HLH	ngtdm	Strength	6.539757082
wavelet-HLH	ngtdm	Contrast	0.14052004
wavelet-HLH	ngtdm	Busyness	0.067760222

Image type	Feature Class	Feature Name	
general	info	BoundingBox	5: RTSTRUCT: C99-DNU_segment_RUL GTV (1, 0, 1, 4, 5, 3)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	75628e020597827a45e8fa186dc9265ae7d74b
general	info	ImageHash	61
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	1f223ed5844073ab24e98cab0eed07de07eadd
general	info	NumpyVersion	13
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
original	shape	Maximum3DDiameter	28
original	shape	Maximum2DDiameterSlice	12.72792206
original	shape	Sphericity	12.36931688
original	shape	MinorAxis	0.91369905
original	shape	Elongation	11.22819167
original	shape	SurfaceVolumeRatio	0.850332087
original	shape	Volume	0.580996727
original	shape	MajorAxis	756
original	shape	SurfaceArea	13.20447839
original	shape	Flatness	439.2335257
original	shape	LeastAxis	0.542444144
original	shape	Maximum2DDiameterColumn	7.162691973
original	shape	Maximum2DDiameterRow	9.486832981
original	gldm	GrayLevelVariance	12.36931688
original	gldm	HighGrayLevelEmphasis	36.47321429
original	gldm	DependenceEntropy	351.5357143
original	gldm	DependenceNonUniformity	4.06610894
original	gldm	GrayLevelNonUniformity	9.428571429
original	gldm	SmallDependenceEmphasis	2.642857143
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.568452381
original	gldm	DependenceNonUniformityNormalized	157.1428571
original	gldm	LargeDependenceEmphasis	0.336734694
original	gldm	LargeDependenceLowGrayLevelEmphasis	5.285714286
original	gldm	DependenceVariance	0.051360981
original	gldm	LargeDependenceHighGrayLevelEmphasis	1.285714286
original	gldm	SmallDependenceLowGrayLevelEmphasis	2266.607143
original	gldm		0.040721894



original	gldm	LowGrayLevelEmphasis	0.041689365
original	glcm	JointAverage	18.98793909
original	glcm	SumAverage	37.97587818
original	glcm	JointEntropy	4.344321105
original	glcm	ClusterShade	-442.7019107
original	glcm	MaximumProbability	0.08099582
original	glcm	Idmn	0.931057009
original	glcm	JointEnergy	0.05267712
original	glcm	Contrast	62.01945853
original	glcm	DifferenceEntropy	2.902229933
original	glcm	InverseVariance	0.228869447
original	glcm	DifferenceVariance	29.22812191
original	glcm	Idn	0.843800922
original	glcm	Idm	0.222598764
original	glcm	Correlation	-0.017962924
original	glcm	Autocorrelation	359.5384592
original	glcm	SumEntropy	3.090830618
original	glcm	SumSquares	29.64375566
original	glcm	ClusterProminence	10964.44583
original	glcm	Imc2	0.993877525
original	glcm	Imc1	-0.696820498
original	glcm	DifferenceAverage	5.616391941
original	glcm	Id	0.302196479
original	glcm	ClusterTendency	56.55556411
original	firstorder	InterquartileRange	150
original	firstorder	Skewness	-1.320490849
original	firstorder	Uniformity	0.094387755
original	firstorder	Median	-31.5
original	firstorder	Energy	887807
original	firstorder	RobustMeanAbsoluteDeviation	70.34710744
original	firstorder	MeanAbsoluteDeviation	117.0892857
original	firstorder	TotalEnergy	23970789
original	firstorder	Maximum	100
original	firstorder	RootMeanSquared	178.0656981
original	firstorder	90Percentile	29
original	firstorder	Minimum	-504
original	firstorder	Entropy	3.651478923
original	firstorder	Range	604
original	firstorder	Variance	22918.33036
original	firstorder	10Percentile	-299.4
original	firstorder	Kurtosis	3.85589385
original	firstorder	Mean	-93.75
original	glrlm	ShortRunLowGrayLevelEmphasis	0.04322803
original	glrlm	GrayLevelVariance	37.42485773
original	glrlm	LowGrayLevelRunEmphasis	0.043296903
original	glrlm	GrayLevelNonUniformityNormalized	0.091510245
original	glrlm	RunVariance	0.03830888
original	glrlm	GrayLevelNonUniformity	2.465248427
original	glrlm	LongRunEmphasis	1.122287968
original	glrlm	ShortRunHighGrayLevelEmphasis	333.925155
original	glrlm	RunLengthNonUniformity	24.89809336
original	glrlm	ShortRunEmphasis	0.969428008
original	glrlm	LongRunHighGrayLevelEmphasis	402.3682023

original	glrlm	RunPercentage	0.961538462
original	glrlm	LongRunLowGrayLevelEmphasis	0.043572396
original	glrlm	RunEntropy	3.781835212
original	glrlm	HighGrayLevelRunEmphasis	347.6137644
original	glrlm	RunLengthNonUniformityNormalized	0.92338224
original	glszm	GrayLevelVariance	46.43209877
original	glszm	ZoneVariance	1.358024691
original	glszm	GrayLevelNonUniformityNormalized	0.074074074
original	glszm	SizeZoneNonUniformityNormalized	0.617283951
original	glszm	SizeZoneNonUniformity	11.11111111
original	glszm	GrayLevelNonUniformity	1.333333333
original	glszm	LargeAreaEmphasis	3.777777778
original	glszm	SmallAreaHighGrayLevelEmphasis	208.5277778
original	glszm	ZonePercentage	0.642857143
original	glszm	LargeAreaLowGrayLevelEmphasis	0.069971209
original	glszm	LargeAreaHighGrayLevelEmphasis	1519.722222
original	glszm	HighGrayLevelZoneEmphasis	298.8888889
original	glszm	SmallAreaEmphasis	0.803533951
original	glszm	LowGrayLevelZoneEmphasis	0.063593242
original	glszm	ZoneEntropy	3.836591668
original	glszm	SmallAreaLowGrayLevelEmphasis	0.063161555
original	ngtdm	Coarseness	0.118900725
original	ngtdm	Complexity	609.1015295
original	ngtdm	Strength	22.11837084
original	ngtdm	Contrast	1.583417496
original	ngtdm	Busyness	0.034288086
wavelet-HHH	gldm	GrayLevelVariance	16.10586735
wavelet-HHH	gldm	HighGrayLevelEmphasis	105.6785714
wavelet-HHH	gldm	DependenceEntropy	4.093069208
wavelet-HHH	gldm	DependenceNonUniformity	13.21428571
wavelet-HHH	gldm	GrayLevelNonUniformity	2.785714286
wavelet-HHH	gldm	SmallDependenceEmphasis	0.646825397
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	74.08134921
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.471938776
wavelet-HHH	gldm	LargeDependenceEmphasis	2.571428571
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.08898584
wavelet-HHH	gldm	DependenceVariance	0.321428571
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	236.0357143
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.052421792
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.058464761
wavelet-HHH	glcm	JointAverage	9.480645957
wavelet-HHH	glcm	SumAverage	18.96129191
wavelet-HHH	glcm	JointEntropy	4.32204201
wavelet-HHH	glcm	ClusterShade	0.400625506
wavelet-HHH	glcm	MaximumProbability	0.076722316
wavelet-HHH	glcm	ldmn	0.919072734
wavelet-HHH	glcm	JointEnergy	0.053766203
wavelet-HHH	glcm	Contrast	33.13842162
wavelet-HHH	glcm	DifferenceEntropy	2.726416387
wavelet-HHH	glcm	InverseVariance	0.230313124
wavelet-HHH	glcm	DifferenceVariance	10.88832945
wavelet-HHH	glcm	ldn	0.815923528
wavelet-HHH	glcm	ldm	0.196745103

wavelet-HHH	glcm	Correlation	-0.001065042
wavelet-HHH	glcm	Autocorrelation	89.695966
wavelet-HHH	glcm	SumEntropy	3.097359466
wavelet-HHH	glcm	SumSquares	16.19016008
wavelet-HHH	glcm	ClusterProminence	2644.858136
wavelet-HHH	glcm	Imc2	0.996177571
wavelet-HHH	glcm	Imc1	-0.741638185
wavelet-HHH	glcm	DifferenceAverage	4.557098244
wavelet-HHH	glcm	Id	0.288076347
wavelet-HHH	glcm	ClusterTendency	31.62221872
wavelet-HHH	firstorder	InterquartileRange	130.2256015
wavelet-HHH	firstorder	Skewness	-0.087713269
wavelet-HHH	firstorder	Uniformity	0.099489796
wavelet-HHH	firstorder	Median	14.2988553
wavelet-HHH	firstorder	Energy	280846.3743
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	56.83540767
wavelet-HHH	firstorder	MeanAbsoluteDeviation	81.5700934
wavelet-HHH	firstorder	TotalEnergy	7582852.106
wavelet-HHH	firstorder	Maximum	204.1023049
wavelet-HHH	firstorder	RootMeanSquared	100.1510242
wavelet-HHH	firstorder	90Percentile	116.9338378
wavelet-HHH	firstorder	Minimum	-203.3209151
wavelet-HHH	firstorder	Entropy	3.553090084
wavelet-HHH	firstorder	Range	407.42322
wavelet-HHH	firstorder	Variance	10030.14068
wavelet-HHH	firstorder	10Percentile	-114.8770489
wavelet-HHH	firstorder	Kurtosis	2.638594219
wavelet-HHH	firstorder	Mean	-0.294919078
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.059031486
wavelet-HHH	glrlm	GrayLevelVariance	16.28212103
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.059322567
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.098545511
wavelet-HHH	glrlm	RunVariance	0.018989638
wavelet-HHH	glrlm	GrayLevelNonUniformity	2.708213268
wavelet-HHH	glrlm	LongRunEmphasis	1.063931624
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	104.7098413
wavelet-HHH	glrlm	RunLengthNonUniformity	26.50108262
wavelet-HHH	glrlm	ShortRunEmphasis	0.984017094
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	111.6115507
wavelet-HHH	glrlm	RunPercentage	0.980769231
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.060486894
wavelet-HHH	glrlm	RunEntropy	3.610324757
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	106.0901832
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.962020724
wavelet-HHH	glszm	GrayLevelVariance	18.88888889
wavelet-HHH	glszm	ZoneVariance	0.317460317
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.083900227
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.569160998
wavelet-HHH	glszm	SizeZoneNonUniformity	11.95238095
wavelet-HHH	glszm	GrayLevelNonUniformity	1.761904762
wavelet-HHH	glszm	LargeAreaEmphasis	2.095238095
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	91.63227513
wavelet-HHH	glszm	ZonePercentage	0.75

wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.094057621
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	200.4285714
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	112.3333333
wavelet-HHH	glszm	SmallAreaEmphasis	0.779100529
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.071805473
wavelet-HHH	glszm	ZoneEntropy	4.106603137
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.068358838
wavelet-HHH	ngtdm	Coarseness	0.122317002
wavelet-HHH	ngtdm	Complexity	307.9463984
wavelet-HHH	ngtdm	Strength	11.39669035
wavelet-HHH	ngtdm	Contrast	0.626735636
wavelet-HHH	ngtdm	Busyness	0.077703121
wavelet-HLL	gldm	GrayLevelVariance	163.8520408
wavelet-HLL	gldm	HighGrayLevelEmphasis	689.5714286
wavelet-HLL	gldm	DependenceEntropy	4.521640636
wavelet-HLL	gldm	DependenceNonUniformity	24.28571429
wavelet-HLL	gldm	GrayLevelNonUniformity	1.285714286
wavelet-HLL	gldm	SmallDependenceEmphasis	0.946428571
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	689.0892857
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.867346939
wavelet-HLL	gldm	LargeDependenceEmphasis	1.214285714
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.0726926
wavelet-HLL	gldm	DependenceVariance	0.066326531
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	691.5
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.042930695
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.048883076
wavelet-HLL	glcm	JointAverage	21.75774279
wavelet-HLL	glcm	SumAverage	43.51548558
wavelet-HLL	glcm	JointEntropy	4.518583043
wavelet-HLL	glcm	ClusterShade	2551.522941
wavelet-HLL	glcm	MaximumProbability	0.047158824
wavelet-HLL	glcm	Idmn	0.876479736
wavelet-HLL	glcm	JointEnergy	0.04514078
wavelet-HLL	glcm	Contrast	355.4839462
wavelet-HLL	glcm	DifferenceEntropy	3.211038613
wavelet-HLL	glcm	InverseVariance	0.063672628
wavelet-HLL	glcm	DifferenceVariance	99.27015598
wavelet-HLL	glcm	Idn	0.774476138
wavelet-HLL	glcm	Idm	0.047303015
wavelet-HLL	glcm	Correlation	-0.084430548
wavelet-HLL	glcm	Autocorrelation	461.0521743
wavelet-HLL	glcm	SumEntropy	3.26973864
wavelet-HLL	glcm	SumSquares	163.2711168
wavelet-HLL	glcm	ClusterProminence	316196.8133
wavelet-HLL	glcm	Imc2	0.999713252
wavelet-HLL	glcm	Imc1	-0.910758572
wavelet-HLL	glcm	DifferenceAverage	15.03475392
wavelet-HLL	glcm	Id	0.120861414
wavelet-HLL	glcm	ClusterTendency	297.6005211
wavelet-HLL	firstorder	InterquartileRange	412.0492724
wavelet-HLL	firstorder	Skewness	-0.088120229
wavelet-HLL	firstorder	Uniformity	0.045918367
wavelet-HLL	firstorder	Median	9.072070236

wavelet-HLL	firstorder	Energy	2871315.962
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	194.6864297
wavelet-HLL	firstorder	MeanAbsoluteDeviation	262.7575701
wavelet-HLL	firstorder	TotalEnergy	77525530.96
wavelet-HLL	firstorder	Maximum	530.2813513
wavelet-HLL	firstorder	RootMeanSquared	320.229603
wavelet-HLL	firstorder	90Percentile	424.0125752
wavelet-HLL	firstorder	Minimum	-555.5936865
wavelet-HLL	firstorder	Entropy	4.521640636
wavelet-HLL	firstorder	Range	1085.875038
wavelet-HLL	firstorder	Variance	102364.456
wavelet-HLL	firstorder	10Percentile	-487.5849688
wavelet-HLL	firstorder	Kurtosis	2.05364296
wavelet-HLL	firstorder	Mean	-13.51083263
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.048468372
wavelet-HLL	grlm	GrayLevelVariance	163.1454736
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.048705788
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.0458683
wavelet-HLL	grlm	RunVariance	0.002743484
wavelet-HLL	grlm	GrayLevelNonUniformity	1.280830281
wavelet-HLL	grlm	LongRunEmphasis	1.008547009
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	691.4911477
wavelet-HLL	grlm	RunLengthNonUniformity	27.77492877
wavelet-HLL	grlm	ShortRunEmphasis	0.997863248
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	691.5873016
wavelet-HLL	grlm	RunPercentage	0.997252747
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.049655456
wavelet-HLL	grlm	RunEntropy	4.522488686
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	691.5103785
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.994513032
wavelet-HLL	glszm	GrayLevelVariance	154.6666667
wavelet-HLL	glszm	ZoneVariance	0.035665295
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.04526749
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.92866941
wavelet-HLL	glszm	SizeZoneNonUniformity	25.07407407
wavelet-HLL	glszm	GrayLevelNonUniformity	1.222222222
wavelet-HLL	glszm	LargeAreaEmphasis	1.111111111
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	714.5277778
wavelet-HLL	glszm	ZonePercentage	0.964285714
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.058924013
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	715.7777778
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	714.7777778
wavelet-HLL	glszm	SmallAreaEmphasis	0.972222222
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.046578334
wavelet-HLL	glszm	ZoneEntropy	4.53266528
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.043491914
wavelet-HLL	ngtdm	Coarseness	0.076857043
wavelet-HLL	ngtdm	Complexity	4472.536242
wavelet-HLL	ngtdm	Strength	55.17037604
wavelet-HLL	ngtdm	Contrast	6.197012446
wavelet-HLL	ngtdm	Busyness	0.033620592
wavelet-LHL	gldm	GrayLevelVariance	103.8010204
wavelet-LHL	gldm	HighGrayLevelEmphasis	217.0714286

wavelet-LHL	gldm	DependenceEntropy	4.235926351
wavelet-LHL	gldm	DependenceNonUniformity	8.928571429
wavelet-LHL	gldm	GrayLevelNonUniformity	2.214285714
wavelet-LHL	gldm	SmallDependenceEmphasis	0.531498016
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	205.5434028
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.318877551
wavelet-LHL	gldm	LargeDependenceEmphasis	4.714285714
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	1.917887739
wavelet-LHL	gldm	DependenceVariance	0.994897959
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	282.2857143
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.035776094
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.182238106
wavelet-LHL	glcm	JointAverage	9.627990279
wavelet-LHL	glcm	SumAverage	19.25598056
wavelet-LHL	glcm	JointEntropy	4.364837857
wavelet-LHL	glcm	ClusterShade	4728.733279
wavelet-LHL	glcm	MaximumProbability	0.080962947
wavelet-LHL	glcm	ldmn	0.92483688
wavelet-LHL	glcm	JointEnergy	0.051409299
wavelet-LHL	glcm	Contrast	127.9635555
wavelet-LHL	glcm	DifferenceEntropy	2.912801431
wavelet-LHL	glcm	InverseVariance	0.154125694
wavelet-LHL	glcm	DifferenceVariance	59.64211077
wavelet-LHL	glcm	ldn	0.8414871
wavelet-LHL	glcm	ldm	0.183298582
wavelet-LHL	glcm	Correlation	0.355980468
wavelet-LHL	glcm	Autocorrelation	127.581321
wavelet-LHL	glcm	SumEntropy	3.258304532
wavelet-LHL	glcm	SumSquares	98.26439324
wavelet-LHL	glcm	ClusterProminence	234082.1738
wavelet-LHL	glcm	lmc2	0.996817831
wavelet-LHL	glcm	lmc1	-0.751225402
wavelet-LHL	glcm	DifferenceAverage	7.855407627
wavelet-LHL	glcm	ld	0.2655333
wavelet-LHL	glcm	ClusterTendency	265.0940175
wavelet-LHL	firstorder	InterquartileRange	288.6843886
wavelet-LHL	firstorder	Skewness	1.090175118
wavelet-LHL	firstorder	Uniformity	0.079081633
wavelet-LHL	firstorder	Median	-162.4771758
wavelet-LHL	firstorder	Energy	1875781.625
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	144.9311212
wavelet-LHL	firstorder	MeanAbsoluteDeviation	210.0661708
wavelet-LHL	firstorder	TotalEnergy	50646103.88
wavelet-LHL	firstorder	Maximum	552.1998596
wavelet-LHL	firstorder	RootMeanSquared	258.8285164
wavelet-LHL	firstorder	90Percentile	409.9136708
wavelet-LHL	firstorder	Minimum	-299.7714953
wavelet-LHL	firstorder	Entropy	3.878783493
wavelet-LHL	firstorder	Range	851.9713549
wavelet-LHL	firstorder	Variance	65098.69799
wavelet-LHL	firstorder	10Percentile	-277.8087593
wavelet-LHL	firstorder	Kurtosis	2.893003989
wavelet-LHL	firstorder	Mean	-43.51439884

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.161601467
wavelet-LHL	grlm	GrayLevelVariance	105.5566377
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.173445215
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.077019019
wavelet-LHL	grlm	RunVariance	0.035450543
wavelet-LHL	grlm	GrayLevelNonUniformity	2.07972324
wavelet-LHL	grlm	LongRunEmphasis	1.115213675
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	224.0490435
wavelet-LHL	grlm	RunLengthNonUniformity	25.15065527
wavelet-LHL	grlm	ShortRunEmphasis	0.971196581
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	226.9610094
wavelet-LHL	grlm	RunPercentage	0.964285714
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.220820208
wavelet-LHL	grlm	RunEntropy	3.97091336
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	224.6314367
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.929098913
wavelet-LHL	glszm	GrayLevelVariance	120.867284
wavelet-LHL	glszm	ZoneVariance	0.913580247
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.061728395
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.50617284
wavelet-LHL	glszm	SizeZoneNonUniformity	9.111111111
wavelet-LHL	glszm	GrayLevelNonUniformity	1.111111111
wavelet-LHL	glszm	LargeAreaEmphasis	3.333333333
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	316.9097222
wavelet-LHL	glszm	ZonePercentage	0.642857143
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.99974427
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	372.2222222
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	324.7222222
wavelet-LHL	glszm	SmallAreaEmphasis	0.729166667
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.098683445
wavelet-LHL	glszm	ZoneEntropy	4.05881389
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.035918238
wavelet-LHL	ngtdm	Coarseness	0.104078803
wavelet-LHL	ngtdm	Complexity	1180.75457
wavelet-LHL	ngtdm	Strength	61.76997559
wavelet-LHL	ngtdm	Contrast	3.621567359
wavelet-LHL	ngtdm	Busyness	0.087573868
wavelet-LHH	gldm	GrayLevelVariance	39.6875
wavelet-LHH	gldm	HighGrayLevelEmphasis	189.75
wavelet-LHH	gldm	DependenceEntropy	4.280394654
wavelet-LHH	gldm	DependenceNonUniformity	16.64285714
wavelet-LHH	gldm	GrayLevelNonUniformity	1.857142857
wavelet-LHH	gldm	SmallDependenceEmphasis	0.797619048
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	173.5119048
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.594387755
wavelet-LHH	gldm	LargeDependenceEmphasis	2.285714286
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.28717542
wavelet-LHH	gldm	DependenceVariance	0.443877551
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	256.6071429
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.045034992
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.069653554
wavelet-LHH	glcm	JointAverage	12.42690312
wavelet-LHH	glcm	SumAverage	24.85380624

wavelet-LHH	glcm	JointEntropy	4.476463197
wavelet-LHH	glcm	ClusterShade	-182.8828597
wavelet-LHH	glcm	MaximumProbability	0.062907392
wavelet-LHH	glcm	Idmn	0.872235846
wavelet-LHH	glcm	JointEnergy	0.047185923
wavelet-LHH	glcm	Contrast	94.95247722
wavelet-LHH	glcm	DifferenceEntropy	3.07678917
wavelet-LHH	glcm	InverseVariance	0.123793014
wavelet-LHH	glcm	DifferenceVariance	25.42939103
wavelet-LHH	glcm	Idn	0.768991544
wavelet-LHH	glcm	Idm	0.113457063
wavelet-LHH	glcm	Correlation	-0.00739974
wavelet-LHH	glcm	Autocorrelation	153.5656734
wavelet-LHH	glcm	SumEntropy	3.244783158
wavelet-LHH	glcm	SumSquares	46.34593128
wavelet-LHH	glcm	ClusterProminence	21878.40406
wavelet-LHH	glcm	Imc2	0.998914092
wavelet-LHH	glcm	Imc1	-0.829272322
wavelet-LHH	glcm	DifferenceAverage	7.884096459
wavelet-LHH	glcm	Id	0.200999862
wavelet-LHH	glcm	ClusterTendency	90.43124788
wavelet-LHH	firstorder	InterquartileRange	247.174811
wavelet-LHH	firstorder	Skewness	-0.160196142
wavelet-LHH	firstorder	Uniformity	0.066326531
wavelet-LHH	firstorder	Median	-6.380499104
wavelet-LHH	firstorder	Energy	711356.7116
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	98.38762555
wavelet-LHH	firstorder	MeanAbsoluteDeviation	131.9134059
wavelet-LHH	firstorder	TotalEnergy	19206631.21
wavelet-LHH	firstorder	Maximum	270.2754356
wavelet-LHH	firstorder	RootMeanSquared	159.3913324
wavelet-LHH	firstorder	90Percentile	199.4639429
wavelet-LHH	firstorder	Minimum	-286.6272032
wavelet-LHH	firstorder	Entropy	4.083616975
wavelet-LHH	firstorder	Range	556.9026388
wavelet-LHH	firstorder	Variance	25363.81367
wavelet-LHH	firstorder	10Percentile	-264.3884961
wavelet-LHH	firstorder	Kurtosis	2.085541755
wavelet-LHH	firstorder	Mean	-6.463990444
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.066796566
wavelet-LHH	grlm	GrayLevelVariance	39.2880861
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.068452767
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.065575738
wavelet-LHH	grlm	RunVariance	0.013692446
wavelet-LHH	grlm	GrayLevelNonUniformity	1.811684042
wavelet-LHH	grlm	LongRunEmphasis	1.043392505
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	190.9390204
wavelet-LHH	grlm	RunLengthNonUniformity	26.8869165
wavelet-LHH	grlm	ShortRunEmphasis	0.989151874
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	194.2723537
wavelet-LHH	grlm	RunPercentage	0.986263736
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.075077571
wavelet-LHH	grlm	RunEntropy	4.121592088



wavelet-LHH	grlm	HighGrayLevelRunEmphasis	191.605687
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.972615107
wavelet-LHH	glszm	GrayLevelVariance	36.44270833
wavelet-LHH	glszm	ZoneVariance	0.222222222
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.059027778
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.774305556
wavelet-LHH	glszm	SizeZoneNonUniformity	18.58333333
wavelet-LHH	glszm	GrayLevelNonUniformity	1.416666667
wavelet-LHH	glszm	LargeAreaEmphasis	1.583333333
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	199.3101852
wavelet-LHH	glszm	ZonePercentage	0.857142857
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.145020983
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	247.0416667
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	208.7083333
wavelet-LHH	glszm	SmallAreaEmphasis	0.900462963
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.059799895
wavelet-LHH	glszm	ZoneEntropy	4.334962501
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.050068697
wavelet-LHH	ngtdm	Coarseness	0.100697631
wavelet-LHH	ngtdm	Complexity	998.6164998
wavelet-LHH	ngtdm	Strength	19.98412707
wavelet-LHH	ngtdm	Contrast	1.297629104
wavelet-LHH	ngtdm	Busyness	0.068826774
wavelet-LLH	gldm	GrayLevelVariance	108.1772959
wavelet-LLH	gldm	HighGrayLevelEmphasis	303.1785714
wavelet-LLH	gldm	DependenceEntropy	4.093069208
wavelet-LLH	gldm	DependenceNonUniformity	10.21428571
wavelet-LLH	gldm	GrayLevelNonUniformity	2.428571429
wavelet-LLH	gldm	SmallDependenceEmphasis	0.59672619
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	248.343254
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.364795918
wavelet-LLH	gldm	LargeDependenceEmphasis	5.5
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.171742785
wavelet-LLH	gldm	DependenceVariance	1.5
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	675.8928571
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.051819647
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.064057967
wavelet-LLH	glcm	JointAverage	13.29971236
wavelet-LLH	glcm	SumAverage	26.59942472
wavelet-LLH	glcm	JointEntropy	4.24440359
wavelet-LLH	glcm	ClusterShade	2466.919223
wavelet-LLH	glcm	MaximumProbability	0.11262797
wavelet-LLH	glcm	ldmn	0.903659035
wavelet-LLH	glcm	JointEnergy	0.060002727
wavelet-LLH	glcm	Contrast	184.8920424
wavelet-LLH	glcm	DifferenceEntropy	2.97115887
wavelet-LLH	glcm	InverseVariance	0.105877641
wavelet-LLH	glcm	DifferenceVariance	73.30964143
wavelet-LLH	glcm	ldn	0.8169494
wavelet-LLH	glcm	ldm	0.171137043
wavelet-LLH	glcm	Correlation	0.176429922
wavelet-LLH	glcm	Autocorrelation	195.4430332
wavelet-LLH	glcm	SumEntropy	3.159598776

wavelet-LLH	glcm	SumSquares	110.6468176
wavelet-LLH	glcm	ClusterProminence	150891.2944
wavelet-LLH	glcm	Imc2	0.99846024
wavelet-LLH	glcm	Imc1	-0.81818274
wavelet-LLH	glcm	DifferenceAverage	9.893662534
wavelet-LLH	glcm	Id	0.246937195
wavelet-LLH	glcm	ClusterTendency	257.6952281
wavelet-LLH	firstorder	InterquartileRange	402.9045278
wavelet-LLH	firstorder	Skewness	0.633969295
wavelet-LLH	firstorder	Uniformity	0.086734694
wavelet-LLH	firstorder	Median	-158.8561951
wavelet-LLH	firstorder	Energy	1874635.115
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	180.5660149
wavelet-LLH	firstorder	MeanAbsoluteDeviation	226.5596763
wavelet-LLH	firstorder	TotalEnergy	50615148.1
wavelet-LLH	firstorder	Maximum	550.7651889
wavelet-LLH	firstorder	RootMeanSquared	258.7494041
wavelet-LLH	firstorder	90Percentile	332.2119097
wavelet-LLH	firstorder	Minimum	-345.0222739
wavelet-LLH	firstorder	Entropy	3.821296334
wavelet-LLH	firstorder	Range	895.7874627
wavelet-LLH	firstorder	Variance	66698.25631
wavelet-LLH	firstorder	10Percentile	-281.9252069
wavelet-LLH	firstorder	Kurtosis	2.149202549
wavelet-LLH	firstorder	Mean	-15.90590449
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.064864647
wavelet-LLH	glrlm	GrayLevelVariance	109.9991478
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.065704183
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.0824178
wavelet-LLH	glrlm	RunVariance	0.037778477
wavelet-LLH	glrlm	GrayLevelNonUniformity	2.226495726
wavelet-LLH	glrlm	LongRunEmphasis	1.129520053
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	308.7545611
wavelet-LLH	glrlm	RunLengthNonUniformity	25.03309226
wavelet-LLH	glrlm	ShortRunEmphasis	0.967619987
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	324.8543721
wavelet-LLH	glrlm	RunPercentage	0.961538462
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.069062326
wavelet-LLH	glrlm	RunEntropy	3.945559424
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	311.9745233
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.924443046
wavelet-LLH	glszm	GrayLevelVariance	120.8642659
wavelet-LLH	glszm	ZoneVariance	1.1966759
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.063711911
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.639889197
wavelet-LLH	glszm	SizeZoneNonUniformity	12.15789474
wavelet-LLH	glszm	GrayLevelNonUniformity	1.210526316
wavelet-LLH	glszm	LargeAreaEmphasis	3.368421053
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	354.6478947
wavelet-LLH	glszm	ZonePercentage	0.678571429
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.140232743
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	614.5789474
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	388.7894737

wavelet-LLH	glszm	SmallAreaEmphasis	0.821184211
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.080805626
wavelet-LLH	glszm	ZoneEntropy	4.037401198
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.074205426
wavelet-LLH	ngtdm	Coarseness	0.078882454
wavelet-LLH	ngtdm	Complexity	1768.937392
wavelet-LLH	ngtdm	Strength	39.67880499
wavelet-LLH	ngtdm	Contrast	5.790729072
wavelet-LLH	ngtdm	Busyness	0.065106114
wavelet-LLL	gldm	GrayLevelVariance	235.809949
wavelet-LLL	gldm	HighGrayLevelEmphasis	1331.892857
wavelet-LLL	gldm	DependenceEntropy	4.450212065
wavelet-LLL	gldm	DependenceNonUniformity	18.57142857
wavelet-LLL	gldm	GrayLevelNonUniformity	1.357142857
wavelet-LLL	gldm	SmallDependenceEmphasis	0.839285714
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1116.857143
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.663265306
wavelet-LLL	gldm	LargeDependenceEmphasis	1.642857143
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03994906
wavelet-LLL	gldm	DependenceVariance	0.168367347
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	2192.035714
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.038067049
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.038443452
wavelet-LLL	glcm	JointAverage	37.31240373
wavelet-LLL	glcm	SumAverage	74.62480746
wavelet-LLL	glcm	JointEntropy	4.503198428
wavelet-LLL	glcm	ClusterShade	-3683.865174
wavelet-LLL	glcm	MaximumProbability	0.054851132
wavelet-LLL	glcm	ldmn	0.91382938
wavelet-LLL	glcm	JointEnergy	0.045910011
wavelet-LLL	glcm	Contrast	407.4936437
wavelet-LLL	glcm	DifferenceEntropy	3.266526126
wavelet-LLL	glcm	InverseVariance	0.06287231
wavelet-LLL	glcm	DifferenceVariance	115.8269931
wavelet-LLL	glcm	ldn	0.802457503
wavelet-LLL	glcm	ldm	0.057208495
wavelet-LLL	glcm	Correlation	0.079830853
wavelet-LLL	glcm	Autocorrelation	1409.232326
wavelet-LLL	glcm	SumEntropy	3.443745061
wavelet-LLL	glcm	SumSquares	217.719619
wavelet-LLL	glcm	ClusterProminence	533919.7599
wavelet-LLL	glcm	lmc2	0.999585352
wavelet-LLL	glcm	lmc1	-0.890733997
wavelet-LLL	glcm	DifferenceAverage	16.77539917
wavelet-LLL	glcm	ld	0.118226956
wavelet-LLL	glcm	ClusterTendency	463.3848323
wavelet-LLL	firstorder	InterquartileRange	590.4392581
wavelet-LLL	firstorder	Skewness	-0.16437778
wavelet-LLL	firstorder	Uniformity	0.048469388
wavelet-LLL	firstorder	Median	-492.8583833
wavelet-LLL	firstorder	Energy	11353862.07
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	232.9126608
wavelet-LLL	firstorder	MeanAbsoluteDeviation	320.67165

wavelet-LLL	firstorder	TotalEnergy	306554275.8
wavelet-LLL	firstorder	Maximum	214.2802679
wavelet-LLL	firstorder	RootMeanSquared	636.784951
wavelet-LLL	firstorder	90Percentile	-84.56045986
wavelet-LLL	firstorder	Minimum	-1316.09224
wavelet-LLL	firstorder	Entropy	4.450212065
wavelet-LLL	firstorder	Range	1530.372508
wavelet-LLL	firstorder	Variance	147651.1982
wavelet-LLL	firstorder	10Percentile	-1007.592136
wavelet-LLL	firstorder	Kurtosis	2.333799856
wavelet-LLL	firstorder	Mean	-507.7832959
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.038736997
wavelet-LLL	grlm	GrayLevelVariance	235.8139209
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.03875201
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.0483636
wavelet-LLL	grlm	RunVariance	0.008230453
wavelet-LLL	grlm	GrayLevelNonUniformity	1.343101343
wavelet-LLL	grlm	LongRunEmphasis	1.025641026
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	1323.263736
wavelet-LLL	grlm	RunLengthNonUniformity	27.32478632
wavelet-LLL	grlm	ShortRunEmphasis	0.993589744
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	1366.148352
wavelet-LLL	grlm	RunPercentage	0.991758242
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.038812063
wavelet-LLL	grlm	RunEntropy	4.452145713
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	1331.840659
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.983539095
wavelet-LLL	glszm	GrayLevelVariance	236.8736
wavelet-LLL	glszm	ZoneVariance	0.1056
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.0464
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.7888
wavelet-LLL	glszm	SizeZoneNonUniformity	19.72
wavelet-LLL	glszm	GrayLevelNonUniformity	1.16
wavelet-LLL	glszm	LargeAreaEmphasis	1.36
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1210.74
wavelet-LLL	glszm	ZonePercentage	0.892857143
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.04361876
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	1812.84
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1331.16
wavelet-LLL	glszm	SmallAreaEmphasis	0.91
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.042775619
wavelet-LLL	glszm	ZoneEntropy	4.48385619
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.042564834
wavelet-LLL	ngtdm	Coarseness	0.059967167
wavelet-LLL	ngtdm	Complexity	5954.720802
wavelet-LLL	ngtdm	Strength	64.28138949
wavelet-LLL	ngtdm	Contrast	11.31454202
wavelet-LLL	ngtdm	Busyness	0.034433789
wavelet-HHL	gldm	GrayLevelVariance	25.85714286
wavelet-HHL	gldm	HighGrayLevelEmphasis	194.8571429
wavelet-HHL	gldm	DependenceEntropy	4.137537511
wavelet-HHL	gldm	DependenceNonUniformity	10.5
wavelet-HHL	gldm	GrayLevelNonUniformity	2.5

wavelet-HHL	gldm	SmallDependenceEmphasis	0.598462302
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	121.7569444
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.375
wavelet-HHL	gldm	LargeDependenceEmphasis	3.642857143
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.071692098
wavelet-HHL	gldm	DependenceVariance	0.704081633
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	620.9285714
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.04848635
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.0512617
wavelet-HHL	glcm	JointAverage	12.55882643
wavelet-HHL	glcm	SumAverage	25.11765286
wavelet-HHL	glcm	JointEntropy	4.393754699
wavelet-HHL	glcm	ClusterShade	-114.373316
wavelet-HHL	glcm	MaximumProbability	0.077650981
wavelet-HHL	glcm	Idmn	0.894387777
wavelet-HHL	glcm	JointEnergy	0.050550014
wavelet-HHL	glcm	Contrast	68.41595755
wavelet-HHL	glcm	DifferenceEntropy	2.865988695
wavelet-HHL	glcm	InverseVariance	0.127256704
wavelet-HHL	glcm	DifferenceVariance	21.81752751
wavelet-HHL	glcm	Idn	0.788068413
wavelet-HHL	glcm	Idm	0.13493477
wavelet-HHL	glcm	Correlation	-0.166605292
wavelet-HHL	glcm	Autocorrelation	152.8164483
wavelet-HHL	glcm	SumEntropy	3.203909618
wavelet-HHL	glcm	SumSquares	28.9517626
wavelet-HHL	glcm	ClusterProminence	6067.271908
wavelet-HHL	glcm	Imc2	0.997383197
wavelet-HHL	glcm	Imc1	-0.763876674
wavelet-HHL	glcm	DifferenceAverage	6.672165868
wavelet-HHL	glcm	Id	0.22688274
wavelet-HHL	glcm	ClusterTendency	47.39109286
wavelet-HHL	firstorder	InterquartileRange	181.1369666
wavelet-HHL	firstorder	Skewness	-0.41454188
wavelet-HHL	firstorder	Uniformity	0.089285714
wavelet-HHL	firstorder	Median	37.58279359
wavelet-HHL	firstorder	Energy	497863.2163
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	70.79081837
wavelet-HHL	firstorder	MeanAbsoluteDeviation	103.0654684
wavelet-HHL	firstorder	TotalEnergy	13442306.84
wavelet-HHL	firstorder	Maximum	256.8760578
wavelet-HHL	firstorder	RootMeanSquared	133.3447755
wavelet-HHL	firstorder	90Percentile	178.5193056
wavelet-HHL	firstorder	Minimum	-253.9631433
wavelet-HHL	firstorder	Entropy	3.695947226
wavelet-HHL	firstorder	Range	510.8392012
wavelet-HHL	firstorder	Variance	16406.84239
wavelet-HHL	firstorder	10Percentile	-122.1881787
wavelet-HHL	firstorder	Kurtosis	2.827249754
wavelet-HHL	firstorder	Mean	37.06732741
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.052496734
wavelet-HHL	glrlm	GrayLevelVariance	26.32140113
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.052627498

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.087757256
wavelet-HHL	glrlm	RunVariance	0.046846438
wavelet-HHL	glrlm	GrayLevelNonUniformity	2.392552573
wavelet-HHL	glrlm	LongRunEmphasis	1.113626619
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	192.2033294
wavelet-HHL	glrlm	RunLengthNonUniformity	26.0875854
wavelet-HHL	glrlm	ShortRunEmphasis	0.9809997
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	213.4204205
wavelet-HHL	glrlm	RunPercentage	0.972527473
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.053526804
wavelet-HHL	glrlm	RunEntropy	3.752070579
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	195.6942392
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.954583989
wavelet-HHL	glszm	GrayLevelVariance	32.99722992
wavelet-HHL	glszm	ZoneVariance	0.986149584
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.074792244
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.573407202
wavelet-HHL	glszm	SizeZoneNonUniformity	10.89473684
wavelet-HHL	glszm	GrayLevelNonUniformity	1.421052632
wavelet-HHL	glszm	LargeAreaEmphasis	3.157894737
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	160.5584795
wavelet-HHL	glszm	ZonePercentage	0.678571429
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.088980259
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	548.3157895
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	203.3684211
wavelet-HHL	glszm	SmallAreaEmphasis	0.784269006
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.072165218
wavelet-HHL	glszm	ZoneEntropy	3.93213804
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.07081644
wavelet-HHL	ngtdm	Coarseness	0.110006673
wavelet-HHL	ngtdm	Complexity	521.4845881
wavelet-HHL	ngtdm	Strength	14.80622708
wavelet-HHL	ngtdm	Contrast	1.097548234
wavelet-HHL	ngtdm	Busyness	0.059414102
wavelet-HLH	gldm	GrayLevelVariance	32.55102041
wavelet-HLH	gldm	HighGrayLevelEmphasis	156.7142857
wavelet-HLH	gldm	DependenceEntropy	4.280394654
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wavelet-HLH	gldm	GrayLevelNonUniformity	2.071428571
wavelet-HLH	gldm	SmallDependenceEmphasis	0.733878968
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	122.7688492
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.505102041
wavelet-HLH	gldm	LargeDependenceEmphasis	3.428571429
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.090736373
wavelet-HLH	gldm	DependenceVariance	0.959183673
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	559.8571429
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.055539631
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.061187054
wavelet-HLH	glcm	JointAverage	11.09628769
wavelet-HLH	glcm	SumAverage	22.19257537
wavelet-HLH	glcm	JointEntropy	4.459155505
wavelet-HLH	glcm	ClusterShade	-99.01494974
wavelet-HLH	glcm	MaximumProbability	0.069851836

wavelet-HLH	glcm	Idmn	0.900499283
wavelet-HLH	glcm	JointEnergy	0.047630783
wavelet-HLH	glcm	Contrast	69.72896591
wavelet-HLH	glcm	DifferenceEntropy	2.908208455
wavelet-HLH	glcm	InverseVariance	0.182837653
wavelet-HLH	glcm	DifferenceVariance	23.52587984
wavelet-HLH	glcm	Idn	0.79881567
wavelet-HLH	glcm	Idm	0.154670727
wavelet-HLH	glcm	Correlation	-0.025669457
wavelet-HLH	glcm	Autocorrelation	122.5622452
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wavelet-HLH	glcm	SumSquares	33.66484881
wavelet-HLH	glcm	ClusterProminence	10479.88739
wavelet-HLH	glcm	Imc2	0.998783166
wavelet-HLH	glcm	Imc1	-0.812659163
wavelet-HLH	glcm	DifferenceAverage	6.598088663
wavelet-HLH	glcm	Id	0.239124661
wavelet-HLH	glcm	ClusterTendency	64.93042934
wavelet-HLH	firstorder	InterquartileRange	213.5667703
wavelet-HLH	firstorder	Skewness	-0.042807476
wavelet-HLH	firstorder	Uniformity	0.073979592
wavelet-HLH	firstorder	Median	3.718138799
wavelet-HLH	firstorder	Energy	588944.2203
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	93.01015103
wavelet-HLH	firstorder	MeanAbsoluteDeviation	120.5805752
wavelet-HLH	firstorder	TotalEnergy	15901493.95
wavelet-HLH	firstorder	Maximum	251.7576068
wavelet-HLH	firstorder	RootMeanSquared	145.0300733
wavelet-HLH	firstorder	90Percentile	134.8793209
wavelet-HLH	firstorder	Minimum	-278.2688728
wavelet-HLH	firstorder	Entropy	4.035582048
wavelet-HLH	firstorder	Range	530.0264796
wavelet-HLH	firstorder	Variance	19880.08773
wavelet-HLH	firstorder	10Percentile	-223.4517442
wavelet-HLH	firstorder	Kurtosis	2.039842777
wavelet-HLH	firstorder	Mean	-33.96519423
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.061997459
wavelet-HLH	grlm	GrayLevelVariance	32.92907828
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.062259312
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.071163582
wavelet-HLH	grlm	RunVariance	0.021897924
wavelet-HLH	grlm	GrayLevelNonUniformity	1.95123822
wavelet-HLH	grlm	LongRunEmphasis	1.069690993
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	154.1126452
wavelet-HLH	grlm	RunLengthNonUniformity	26.22397545
wavelet-HLH	grlm	ShortRunEmphasis	0.982577252
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	167.4887136
wavelet-HLH	grlm	RunPercentage	0.978021978
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.063306723
wavelet-HLH	grlm	RunEntropy	4.103975215
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	156.7878589
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.956204152
wavelet-HLH	glszm	GrayLevelVariance	36.4214876

wavelet-HLH	glszm	ZoneVariance	0.743801653
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.05785124
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.756198347
wavelet-HLH	glszm	SizeZoneNonUniformity	16.63636364
wavelet-HLH	glszm	GrayLevelNonUniformity	1.272727273
wavelet-HLH	glszm	LargeAreaEmphasis	2.363636364
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	151.1290909
wavelet-HLH	glszm	ZonePercentage	0.785714286
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.090719722
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	382.3636364
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	161.4545455
wavelet-HLH	glszm	SmallAreaEmphasis	0.888181818
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.072843253
wavelet-HLH	glszm	ZoneEntropy	4.186704346
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.069542967
wavelet-HLH	ngtdm	Coarseness	0.129117216
wavelet-HLH	ngtdm	Complexity	717.3568165
wavelet-HLH	ngtdm	Strength	20.86720133
wavelet-HLH	ngtdm	Contrast	0.892216668
wavelet-HLH	ngtdm	Busyness	0.040793306



Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	189
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original	shape	LeastAxis	18.05158664
original	shape	Maximum2DDiameterColumn	24.18677324
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original	gldm	GrayLevelVariance	18.18398141
original	gldm	HighGrayLevelEmphasis	535.0846561
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original	gldm	DependenceNonUniformity	16.55555556
original	gldm	GrayLevelNonUniformity	42.69312169
original	gldm	SmallDependenceEmphasis	0.24697787
original	gldm	SmallDependenceHighGrayLevelEmphasis	89.91281528
original	gldm	DependenceNonUniformityNormalized	0.087595532
original	gldm	LargeDependenceEmphasis	66.15343915
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original	gldm	DependenceVariance	23.59334845
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original	glcm	JointAverage	23.35304288
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original	glcm	Idn	0.929143327
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original	firstorder	Energy	2214898
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original	firstorder	Variance	11354.20683
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original	glszm	GrayLevelVariance	37.49521033
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original	glszm	SmallAreaEmphasis	0.82140827

original	glszm	LowGrayLevelZoneEmphasis	0.026575916
original	glszm	ZoneEntropy	4.517272344
original	glszm	SmallAreaLowGrayLevelEmphasis	0.026208646
original	ngtdm	Coarseness	0.019574595
original	ngtdm	Complexity	444.5679699
original	ngtdm	Strength	11.76654891
original	ngtdm	Contrast	0.228772021
original	ngtdm	Busyness	0.078214084
wavelet-HHH	gldm	GrayLevelVariance	10.49181154
wavelet-HHH	gldm	HighGrayLevelEmphasis	123.9312169
wavelet-HHH	gldm	DependenceEntropy	5.595743999
wavelet-HHH	gldm	DependenceNonUniformity	31.79365079
wavelet-HHH	gldm	GrayLevelNonUniformity	20.85185185
wavelet-HHH	gldm	SmallDependenceEmphasis	0.354750734
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	50.97069427
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.168220375
wavelet-HHH	gldm	LargeDependenceEmphasis	17.79365079
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.220579767
wavelet-HHH	gldm	DependenceVariance	6.362811791
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1964.439153
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008954122
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.02381373
wavelet-HHH	glcm	JointAverage	10.57691616
wavelet-HHH	glcm	SumAverage	21.15383232
wavelet-HHH	glcm	JointEntropy	6.156758213
wavelet-HHH	glcm	ClusterShade	-7.273977302
wavelet-HHH	glcm	MaximumProbability	0.072668253
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wavelet-HHH	glcm	ClusterProminence	1585.746662
wavelet-HHH	glcm	Imc2	0.911805069
wavelet-HHH	glcm	Imc1	-0.257648389
wavelet-HHH	glcm	DifferenceAverage	3.314600315
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wavelet-HHH	firstorder	Uniformity	0.110327258
wavelet-HHH	firstorder	Median	1.93783568
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wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	35.37391924
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wavelet-HHH	firstorder	Maximum	251.8510773
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wavelet-HHH	firstorder	Minimum	-241.349636
wavelet-HHH	firstorder	Entropy	3.579980713
wavelet-HHH	firstorder	Range	493.2007133

wavelet-HHH	firstorder	Variance	6452.768218
wavelet-HHH	firstorder	10Percentile	-95.19911721
wavelet-HHH	firstorder	Kurtosis	3.92633069
wavelet-HHH	firstorder	Mean	4.240071016
wavelet-HHH	gllm	ShortRunLowGrayLevelEmphasis	0.023644654
wavelet-HHH	gllm	GrayLevelVariance	11.25118282
wavelet-HHH	gllm	LowGrayLevelRunEmphasis	0.024727527
wavelet-HHH	gllm	GrayLevelNonUniformityNormalized	0.101682472
wavelet-HHH	gllm	RunVariance	0.108583929
wavelet-HHH	gllm	GrayLevelNonUniformity	17.46881255
wavelet-HHH	gllm	LongRunEmphasis	1.32347849
wavelet-HHH	gllm	ShortRunHighGrayLevelEmphasis	117.4808131
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wavelet-HHH	gllm	LongRunHighGrayLevelEmphasis	161.0246229
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wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.371378925
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wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	141.0131579
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wavelet-HHH	ngtdm	Coarseness	0.034810937
wavelet-HHH	ngtdm	Complexity	381.7491453
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006629467
wavelet-HLL	glcm	JointAverage	32.38211529
wavelet-HLL	glcm	SumAverage	64.76423057
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wavelet-HLL	glcm	ClusterShade	-833.6013815

wavelet-HLL	glcm	MaximumProbability	0.04386892
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wavelet-HLL	glcm	JointEnergy	0.01377782
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wavelet-HLL	glcm	InverseVariance	0.261993751
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wavelet-HLL	glcm	Idn	0.922441686
wavelet-HLL	glcm	Idm	0.263817316
wavelet-HLL	glcm	Correlation	0.191369794
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wavelet-HLL	glcm	SumEntropy	4.472862802
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wavelet-HLL	glcm	ClusterProminence	51577.91275
wavelet-HLL	glcm	Imc2	0.961122586
wavelet-HLL	glcm	Imc1	-0.324806184
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wavelet-HLL	glcm	ClusterTendency	68.74375208
wavelet-HLL	firstorder	InterquartileRange	118.5095486
wavelet-HLL	firstorder	Skewness	-1.395628351
wavelet-HLL	firstorder	Uniformity	0.072310406
wavelet-HLL	firstorder	Median	-10.10710284
wavelet-HLL	firstorder	Energy	4882339.777
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	54.17453886
wavelet-HLL	firstorder	MeanAbsoluteDeviation	101.832617
wavelet-HLL	firstorder	TotalEnergy	131823174
wavelet-HLL	firstorder	Maximum	395.4923703
wavelet-HLL	firstorder	RootMeanSquared	160.7248755
wavelet-HLL	firstorder	90Percentile	161.8994008
wavelet-HLL	firstorder	Minimum	-787.9912794
wavelet-HLL	firstorder	Entropy	4.245729525
wavelet-HLL	firstorder	Range	1183.48365
wavelet-HLL	firstorder	Variance	25613.21912
wavelet-HLL	firstorder	10Percentile	-157.110806
wavelet-HLL	firstorder	Kurtosis	8.66143374
wavelet-HLL	firstorder	Mean	-14.80764909
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007003273
wavelet-HLL	glrlm	GrayLevelVariance	43.73573209
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.007060149
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.066954609
wavelet-HLL	glrlm	RunVariance	0.089774305
wavelet-HLL	glrlm	GrayLevelNonUniformity	11.75046702
wavelet-HLL	glrlm	LongRunEmphasis	1.250864113
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	1004.363754
wavelet-HLL	glrlm	RunLengthNonUniformity	152.8855868
wavelet-HLL	glrlm	ShortRunEmphasis	0.947166692
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1326.189602
wavelet-HLL	glrlm	RunPercentage	0.928367928
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.007325633
wavelet-HLL	glrlm	RunEntropy	4.600084897
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	1060.475121
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.871042698
wavelet-HLL	glszm	GrayLevelVariance	71.1465724
wavelet-HLL	glszm	ZoneVariance	14.37798258
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.048604974
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.560661533
wavelet-HLL	glszm	SizeZoneNonUniformity	49.8988764
wavelet-HLL	glszm	GrayLevelNonUniformity	4.325842697

wavelet-HLL	glszm	LargeAreaEmphasis	18.88764045
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	802.8946869
wavelet-HLL	glszm	ZonePercentage	0.470899471
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.030636324
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	19783.68539
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	1046.831461
wavelet-HLL	glszm	SmallAreaEmphasis	0.775292707
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.01279411
wavelet-HLL	glszm	ZoneEntropy	5.208675499
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.012414015
wavelet-HLL	ngtdm	Coarseness	0.038427488
wavelet-HLL	ngtdm	Complexity	1569.539151
wavelet-HLL	ngtdm	Strength	17.79844539
wavelet-HLL	ngtdm	Contrast	0.310917713
wavelet-HLL	ngtdm	Busyness	0.023798795
wavelet-LHL	gldm	GrayLevelVariance	78.60670194
wavelet-LHL	gldm	HighGrayLevelEmphasis	628.2486772
wavelet-LHL	gldm	DependenceEntropy	6.054590459
wavelet-LHL	gldm	DependenceNonUniformity	49.4021164
wavelet-LHL	gldm	GrayLevelNonUniformity	9.962962963
wavelet-LHL	gldm	SmallDependenceEmphasis	0.490925799
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	365.8372717
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.261386859
wavelet-LHL	gldm	LargeDependenceEmphasis	8.301587302
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.022761776
wavelet-LHL	gldm	DependenceVariance	2.757929509
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	4626.079365
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00674009
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.007928793
wavelet-LHL	glcm	JointAverage	22.66022391
wavelet-LHL	glcm	SumAverage	45.32044783
wavelet-LHL	glcm	JointEntropy	7.172529422
wavelet-LHL	glcm	ClusterShade	3715.997513
wavelet-LHL	glcm	MaximumProbability	0.0311339
wavelet-LHL	glcm	Idmn	0.979134481
wavelet-LHL	glcm	JointEnergy	0.008669373
wavelet-LHL	glcm	Contrast	99.58685547
wavelet-LHL	glcm	DifferenceEntropy	4.01134931
wavelet-LHL	glcm	InverseVariance	0.193349112
wavelet-LHL	glcm	DifferenceVariance	48.91401938
wavelet-LHL	glcm	Idn	0.912449678
wavelet-LHL	glcm	Idm	0.19257352
wavelet-LHL	glcm	Correlation	0.219573604
wavelet-LHL	glcm	Autocorrelation	526.8920217
wavelet-LHL	glcm	SumEntropy	4.894940853
wavelet-LHL	glcm	SumSquares	63.1684083
wavelet-LHL	glcm	ClusterProminence	245548.6858
wavelet-LHL	glcm	Imc2	0.986221738
wavelet-LHL	glcm	Imc1	-0.402781417
wavelet-LHL	glcm	DifferenceAverage	6.857107047
wavelet-LHL	glcm	Id	0.273174111
wavelet-LHL	glcm	ClusterTendency	153.0867777
wavelet-LHL	firstorder	InterquartileRange	169.5677365
wavelet-LHL	firstorder	Skewness	1.687000567
wavelet-LHL	firstorder	Uniformity	0.05271409
wavelet-LHL	firstorder	Median	-47.17111785
wavelet-LHL	firstorder	Energy	9411683.197
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	82.36308513
wavelet-LHL	firstorder	MeanAbsoluteDeviation	146.5652278

wavelet-LHL	firstorder	TotalEnergy	254115446.3
wavelet-LHL	firstorder	Maximum	1015.959432
wavelet-LHL	firstorder	RootMeanSquared	223.1530094
wavelet-LHL	firstorder	90Percentile	238.5568286
wavelet-LHL	firstorder	Minimum	-579.616069
wavelet-LHL	firstorder	Entropy	4.640037808
wavelet-LHL	firstorder	Range	1595.575501
wavelet-LHL	firstorder	Variance	49042.20213
wavelet-LHL	firstorder	10Percentile	-251.7302282
wavelet-LHL	firstorder	Kurtosis	8.25839168
wavelet-LHL	firstorder	Mean	-27.4784181
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.00816726
wavelet-LHL	glrlm	GrayLevelVariance	82.13402418
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.008252065
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.050653647
wavelet-LHL	glrlm	RunVariance	0.065164961
wavelet-LHL	glrlm	GrayLevelNonUniformity	9.076886256
wavelet-LHL	glrlm	LongRunEmphasis	1.181720662
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	613.3906737
wavelet-LHL	glrlm	RunLengthNonUniformity	162.4999093
wavelet-LHL	glrlm	ShortRunEmphasis	0.961564016
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	731.0091211
wavelet-LHL	glrlm	RunPercentage	0.947903948
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.008639638
wavelet-LHL	glrlm	RunEntropy	4.879098941
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	633.6533688
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.905421295
wavelet-LHL	glszm	GrayLevelVariance	124.2068027
wavelet-LHL	glszm	ZoneVariance	4.826666667
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.040362812
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.546666667
wavelet-LHL	glszm	SizeZoneNonUniformity	57.4
wavelet-LHL	glszm	GrayLevelNonUniformity	4.238095238
wavelet-LHL	glszm	LargeAreaEmphasis	8.066666667
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	600.5538227
wavelet-LHL	glszm	ZonePercentage	0.555555556
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.026931785
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4520.580952
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	720.9619048
wavelet-LHL	glszm	SmallAreaEmphasis	0.766148045
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.012420507
wavelet-LHL	glszm	ZoneEntropy	5.571262008
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01183726
wavelet-LHL	ngtdm	Coarseness	0.031893677
wavelet-LHL	ngtdm	Complexity	3879.074776
wavelet-LHL	ngtdm	Strength	27.87707592
wavelet-LHL	ngtdm	Contrast	0.509743198
wavelet-LHL	ngtdm	Busyness	0.033311632
wavelet-LHH	gldm	GrayLevelVariance	19.09101089
wavelet-LHH	gldm	HighGrayLevelEmphasis	303.968254
wavelet-LHH	gldm	DependenceEntropy	5.770313938
wavelet-LHH	gldm	DependenceNonUniformity	41.50793651
wavelet-LHH	gldm	GrayLevelNonUniformity	15.33862434
wavelet-LHH	gldm	SmallDependenceEmphasis	0.445031084
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	139.0804814
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.219618712
wavelet-LHH	gldm	LargeDependenceEmphasis	12.1957672
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.052668591
wavelet-LHH	gldm	DependenceVariance	4.479717813

wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	3356.296296
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.007773673
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.00984305
wavelet-LHH	glcm	JointAverage	16.82546869
wavelet-LHH	glcm	SumAverage	33.65093738
wavelet-LHH	glcm	JointEntropy	6.705110049
wavelet-LHH	glcm	ClusterShade	-11.89943303
wavelet-LHH	glcm	MaximumProbability	0.042948797
wavelet-LHH	glcm	ldmn	0.9617401
wavelet-LHH	glcm	JointEnergy	0.013162948
wavelet-LHH	glcm	Contrast	35.98175784
wavelet-LHH	glcm	DifferenceEntropy	3.497593233
wavelet-LHH	glcm	InverseVariance	0.261369815
wavelet-LHH	glcm	DifferenceVariance	17.23389673
wavelet-LHH	glcm	ldn	0.880611471
wavelet-LHH	glcm	ldm	0.257542586
wavelet-LHH	glcm	Correlation	-0.005609655
wavelet-LHH	glcm	Autocorrelation	283.0464925
wavelet-LHH	glcm	SumEntropy	4.268148251
wavelet-LHH	glcm	SumSquares	17.9292126
wavelet-LHH	glcm	ClusterProminence	6065.666388
wavelet-LHH	glcm	lmc2	0.938452597
wavelet-LHH	glcm	lmc1	-0.276262515
wavelet-LHH	glcm	DifferenceAverage	4.261388522
wavelet-LHH	glcm	ld	0.339686762
wavelet-LHH	glcm	ClusterTendency	35.73509256
wavelet-LHH	firstorder	InterquartileRange	100.4347313
wavelet-LHH	firstorder	Skewness	-0.085356796
wavelet-LHH	firstorder	Uniformity	0.081156743
wavelet-LHH	firstorder	Median	0.710021911
wavelet-LHH	firstorder	Energy	2233327.405
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	47.76311031
wavelet-LHH	firstorder	MeanAbsoluteDeviation	78.91278527
wavelet-LHH	firstorder	TotalEnergy	60299839.93
wavelet-LHH	firstorder	Maximum	299.0851733
wavelet-LHH	firstorder	RootMeanSquared	108.7039425
wavelet-LHH	firstorder	90Percentile	157.4371582
wavelet-LHH	firstorder	Minimum	-387.1518355
wavelet-LHH	firstorder	Entropy	4.002043391
wavelet-LHH	firstorder	Range	686.2370088
wavelet-LHH	firstorder	Variance	11733.10101
wavelet-LHH	firstorder	10Percentile	-100.3872207
wavelet-LHH	firstorder	Kurtosis	4.047803985
wavelet-LHH	firstorder	Mean	9.134884124
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.010106654
wavelet-LHH	glrlm	GrayLevelVariance	20.11309844
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.010289101
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.076738193
wavelet-LHH	glrlm	RunVariance	0.09428514
wavelet-LHH	glrlm	GrayLevelNonUniformity	13.51179335
wavelet-LHH	glrlm	LongRunEmphasis	1.247188209
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	291.7526299
wavelet-LHH	glrlm	RunLengthNonUniformity	155.2387767
wavelet-LHH	glrlm	ShortRunEmphasis	0.951429682
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	374.4483215
wavelet-LHH	glrlm	RunPercentage	0.931623932
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.011231184
wavelet-LHH	glrlm	RunEntropy	4.337125521
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	305.609348



wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.881333751
wavelet-LHH	glszm	GrayLevelVariance	31.30419032
wavelet-LHH	glszm	ZoneVariance	13.58748943
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.055911122
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.583866683
wavelet-LHH	glszm	SizeZoneNonUniformity	53.13186813
wavelet-LHH	glszm	GrayLevelNonUniformity	5.087912088
wavelet-LHH	glszm	LargeAreaEmphasis	17.9010989
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	246.2471283
wavelet-LHH	glszm	ZonePercentage	0.481481481
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.079867086
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5000.725275
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	312.1428571
wavelet-LHH	glszm	SmallAreaEmphasis	0.790285335
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016449801
wavelet-LHH	glszm	ZoneEntropy	4.990705492
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015658411
wavelet-LHH	ngtdm	Coarseness	0.035774124
wavelet-LHH	ngtdm	Complexity	768.5264403
wavelet-LHH	ngtdm	Strength	6.057545312
wavelet-LHH	ngtdm	Contrast	0.209310232
wavelet-LHH	ngtdm	Busyness	0.062807888
wavelet-LLH	gldm	GrayLevelVariance	28.57294029
wavelet-LLH	gldm	HighGrayLevelEmphasis	227.2486772
wavelet-LLH	gldm	DependenceEntropy	5.859591766
wavelet-LLH	gldm	DependenceNonUniformity	43.41269841
wavelet-LLH	gldm	GrayLevelNonUniformity	14.78835979
wavelet-LLH	gldm	SmallDependenceEmphasis	0.422124731
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	108.0262616
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.229696817
wavelet-LLH	gldm	LargeDependenceEmphasis	12.77777778
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.077501652
wavelet-LLH	gldm	DependenceVariance	5.002827468
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2601.94709
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00984947
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.013545416
wavelet-LLH	glcm	JointAverage	13.76296063
wavelet-LLH	glcm	SumAverage	27.52592126
wavelet-LLH	glcm	JointEntropy	6.689059574
wavelet-LLH	glcm	ClusterShade	397.2133164
wavelet-LLH	glcm	MaximumProbability	0.04899435
wavelet-LLH	glcm	Idmn	0.973628657
wavelet-LLH	glcm	JointEnergy	0.0138111
wavelet-LLH	glcm	Contrast	34.92505234
wavelet-LLH	glcm	DifferenceEntropy	3.467637199
wavelet-LLH	glcm	InverseVariance	0.253145634
wavelet-LLH	glcm	DifferenceVariance	16.79100435
wavelet-LLH	glcm	Idn	0.899063603
wavelet-LLH	glcm	Idm	0.253416145
wavelet-LLH	glcm	Correlation	0.224192501
wavelet-LLH	glcm	Autocorrelation	194.5424411
wavelet-LLH	glcm	SumEntropy	4.523713083
wavelet-LLH	glcm	SumSquares	22.5719323
wavelet-LLH	glcm	ClusterProminence	16240.83133
wavelet-LLH	glcm	Imc2	0.952029488
wavelet-LLH	glcm	Imc1	-0.302580749
wavelet-LLH	glcm	DifferenceAverage	4.202095795
wavelet-LLH	glcm	Id	0.337813419
wavelet-LLH	glcm	ClusterTendency	55.36267686

wavelet-LLH	firstorder	InterquartileRange	114.8924916
wavelet-LLH	firstorder	Skewness	0.963125354
wavelet-LLH	firstorder	Uniformity	0.07824529
wavelet-LLH	firstorder	Median	-20.31033487
wavelet-LLH	firstorder	Energy	3320249.85
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	53.29476062
wavelet-LLH	firstorder	MeanAbsoluteDeviation	92.15172844
wavelet-LLH	firstorder	TotalEnergy	89646745.96
wavelet-LLH	firstorder	Maximum	477.1396886
wavelet-LLH	firstorder	RootMeanSquared	132.5422933
wavelet-LLH	firstorder	90Percentile	164.2252966
wavelet-LLH	firstorder	Minimum	-343.113015
wavelet-LLH	firstorder	Entropy	4.1419369
wavelet-LLH	firstorder	Range	820.2527037
wavelet-LLH	firstorder	Variance	17462.03934
wavelet-LLH	firstorder	10Percentile	-152.027084
wavelet-LLH	firstorder	Kurtosis	4.816726573
wavelet-LLH	firstorder	Mean	-10.26743347
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013827544
wavelet-LLH	glrlm	GrayLevelVariance	30.12979562
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.014122603
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.072571652
wavelet-LLH	glrlm	RunVariance	0.085155949
wavelet-LLH	glrlm	GrayLevelNonUniformity	12.77570303
wavelet-LLH	glrlm	LongRunEmphasis	1.240265896
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	218.6912818
wavelet-LLH	glrlm	RunLengthNonUniformity	154.2900755
wavelet-LLH	glrlm	ShortRunEmphasis	0.949085393
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	277.5109447
wavelet-LLH	glrlm	RunPercentage	0.931216931
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.015513833
wavelet-LLH	glrlm	RunEntropy	4.474699858
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	229.0830238
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.875835262
wavelet-LLH	glszm	GrayLevelVariance	44.86419194
wavelet-LLH	glszm	ZoneVariance	8.904142146
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.052512449
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.459710276
wavelet-LLH	glszm	SizeZoneNonUniformity	43.21276596
wavelet-LLH	glszm	GrayLevelNonUniformity	4.936170213
wavelet-LLH	glszm	LargeAreaEmphasis	12.94680851
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	187.9106544
wavelet-LLH	glszm	ZonePercentage	0.497354497
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.087415926
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2619.893617
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	253.5744681
wavelet-LLH	glszm	SmallAreaEmphasis	0.703861385
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.020803361
wavelet-LLH	glszm	ZoneEntropy	5.445939922
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.018784767
wavelet-LLH	ngtdm	Coarseness	0.034210889
wavelet-LLH	ngtdm	Complexity	1104.56252
wavelet-LLH	ngtdm	Strength	11.12578282
wavelet-LLH	ngtdm	Contrast	0.226618364
wavelet-LLH	ngtdm	Busyness	0.070019732
wavelet-LLL	gldm	GrayLevelVariance	167.9105288
wavelet-LLL	gldm	HighGrayLevelEmphasis	2235.513228
wavelet-LLL	gldm	DependenceEntropy	6.297433795
wavelet-LLL	gldm	DependenceNonUniformity	55.27513228

wavelet-LLL	gldm	GrayLevelNonUniformity	8.80952381
wavelet-LLL	gldm	SmallDependenceEmphasis	0.543252972
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	992.3637655
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.292461017
wavelet-LLL	gldm	LargeDependenceEmphasis	7.677248677
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008985544
wavelet-LLL	gldm	DependenceVariance	2.620699309
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	21738.46561
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006362925
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.006562399
wavelet-LLL	glcm	JointAverage	47.90672579
wavelet-LLL	glcm	SumAverage	95.81345158
wavelet-LLL	glcm	JointEntropy	7.160374693
wavelet-LLL	glcm	ClusterShade	-8766.476096
wavelet-LLL	glcm	MaximumProbability	0.029553387
wavelet-LLL	glcm	Idmn	0.962533343
wavelet-LLL	glcm	JointEnergy	0.008960819
wavelet-LLL	glcm	Contrast	166.678412
wavelet-LLL	glcm	DifferenceEntropy	4.319925628
wavelet-LLL	glcm	InverseVariance	0.192691939
wavelet-LLL	glcm	DifferenceVariance	88.12291749
wavelet-LLL	glcm	Idn	0.888444489
wavelet-LLL	glcm	Idm	0.185722877
wavelet-LLL	glcm	Correlation	0.324201742
wavelet-LLL	glcm	Autocorrelation	2336.476992
wavelet-LLL	glcm	SumEntropy	5.163534665
wavelet-LLL	glcm	SumSquares	124.5379382
wavelet-LLL	glcm	ClusterProminence	535354.1742
wavelet-LLL	glcm	Imc2	0.991540148
wavelet-LLL	glcm	Imc1	-0.44667083
wavelet-LLL	glcm	DifferenceAverage	8.751551822
wavelet-LLL	glcm	Id	0.260355238
wavelet-LLL	glcm	ClusterTendency	331.4733409
wavelet-LLL	firstorder	InterquartileRange	374.2609626
wavelet-LLL	firstorder	Skewness	-1.333628344
wavelet-LLL	firstorder	Uniformity	0.046611237
wavelet-LLL	firstorder	Median	10.10878467
wavelet-LLL	firstorder	Energy	22820013.05
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	174.4957854
wavelet-LLL	firstorder	MeanAbsoluteDeviation	258.3266916
wavelet-LLL	firstorder	TotalEnergy	616140352.3
wavelet-LLL	firstorder	Maximum	272.5602611
wavelet-LLL	firstorder	RootMeanSquared	347.4777831
wavelet-LLL	firstorder	90Percentile	155.4365864
wavelet-LLL	firstorder	Minimum	-1227.815415
wavelet-LLL	firstorder	Entropy	4.948394689
wavelet-LLL	firstorder	Range	1500.375676
wavelet-LLL	firstorder	Variance	104996.138
wavelet-LLL	firstorder	10Percentile	-635.7837426
wavelet-LLL	firstorder	Kurtosis	4.011911957
wavelet-LLL	firstorder	Mean	-125.4777742
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.00686501
wavelet-LLL	glrlm	GrayLevelVariance	171.6603101
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00687875
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.044013309
wavelet-LLL	glrlm	RunVariance	0.060170047
wavelet-LLL	glrlm	GrayLevelNonUniformity	7.923937873
wavelet-LLL	glrlm	LongRunEmphasis	1.166072164
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2104.055142

wavelet-LLL	glrlm	RunLengthNonUniformity	164.4480477
wavelet-LLL	glrlm	ShortRunEmphasis	0.964907378
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2679.946091
wavelet-LLL	glrlm	RunPercentage	0.951973952
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.006942296
wavelet-LLL	glrlm	RunEntropy	5.186152605
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2203.749324
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.912904109
wavelet-LLL	glszm	GrayLevelVariance	198.1226446
wavelet-LLL	glszm	ZoneVariance	5.420578512
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.02677686
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.653057851
wavelet-LLL	glszm	SizeZoneNonUniformity	71.83636364
wavelet-LLL	glszm	GrayLevelNonUniformity	2.945454545
wavelet-LLL	glszm	LargeAreaEmphasis	8.372727273
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1436.403476
wavelet-LLL	glszm	ZonePercentage	0.582010582
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013598143
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	23614.69091
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	1839.109091
wavelet-LLL	glszm	SmallAreaEmphasis	0.831197126
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.010980696
wavelet-LLL	glszm	ZoneEntropy	5.893643891
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010884904
wavelet-LLL	ngtdm	Coarseness	0.025080827
wavelet-LLL	ngtdm	Complexity	7343.345032
wavelet-LLL	ngtdm	Strength	42.78363436
wavelet-LLL	ngtdm	Contrast	0.911836333
wavelet-LLL	ngtdm	Busyness	0.013706341
wavelet-HHL	gldm	GrayLevelVariance	14.78849976
wavelet-HHL	gldm	HighGrayLevelEmphasis	224.042328
wavelet-HHL	gldm	DependenceEntropy	5.763725737
wavelet-HHL	gldm	DependenceNonUniformity	34.42857143
wavelet-HHL	gldm	GrayLevelNonUniformity	17.56084656
wavelet-HHL	gldm	SmallDependenceEmphasis	0.363284189
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	82.42623379
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.182161754
wavelet-HHL	gldm	LargeDependenceEmphasis	16.83068783
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.088898393
wavelet-HHL	gldm	DependenceVariance	6.311133507
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3639.619048
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009873172
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.013033465
wavelet-HHL	glcm	JointAverage	14.51483252
wavelet-HHL	glcm	SumAverage	29.02966504
wavelet-HHL	glcm	JointEntropy	6.381259978
wavelet-HHL	glcm	ClusterShade	-18.42799347
wavelet-HHL	glcm	MaximumProbability	0.051675612
wavelet-HHL	glcm	Idmn	0.973323885
wavelet-HHL	glcm	JointEnergy	0.016749527
wavelet-HHL	glcm	Contrast	26.17558527
wavelet-HHL	glcm	DifferenceEntropy	3.259804592
wavelet-HHL	glcm	InverseVariance	0.276268923
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wavelet-HHL	glcm	Idn	0.900143811
wavelet-HHL	glcm	Idm	0.293004586
wavelet-HHL	glcm	Correlation	-0.028306605
wavelet-HHL	glcm	Autocorrelation	210.3315577
wavelet-HHL	glcm	SumEntropy	4.00788202

wavelet-HHL	glcm	SumSquares	12.71779239
wavelet-HHL	glcm	ClusterProminence	3697.849932
wavelet-HHL	glcm	Imc2	0.90592676
wavelet-HHL	glcm	Imc1	-0.238605124
wavelet-HHL	glcm	DifferenceAverage	3.562704607
wavelet-HHL	glcm	Id	0.374508718
wavelet-HHL	glcm	ClusterTendency	24.6955843
wavelet-HHL	firstorder	InterquartileRange	96.3683812
wavelet-HHL	firstorder	Skewness	-0.077215366
wavelet-HHL	firstorder	Uniformity	0.092914532
wavelet-HHL	firstorder	Median	1.223105717
wavelet-HHL	firstorder	Energy	1776562.747
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	41.58332218
wavelet-HHL	firstorder	MeanAbsoluteDeviation	69.06199358
wavelet-HHL	firstorder	TotalEnergy	47967194.17
wavelet-HHL	firstorder	Maximum	366.2052575
wavelet-HHL	firstorder	RootMeanSquared	96.95258065
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wavelet-HHL	firstorder	Minimum	-331.7045516
wavelet-HHL	firstorder	Entropy	3.759858219
wavelet-HHL	firstorder	Range	697.9098091
wavelet-HHL	firstorder	Variance	9397.65763
wavelet-HHL	firstorder	10Percentile	-103.8173701
wavelet-HHL	firstorder	Kurtosis	5.234604274
wavelet-HHL	firstorder	Mean	-1.464671811
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01349188
wavelet-HHL	glrlm	GrayLevelVariance	15.91383955
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.013809679
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.087738616
wavelet-HHL	glrlm	RunVariance	0.107042096
wavelet-HHL	glrlm	GrayLevelNonUniformity	15.15814076
wavelet-HHL	glrlm	LongRunEmphasis	1.306818794
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	210.6343915
wavelet-HHL	glrlm	RunLengthNonUniformity	145.965763
wavelet-HHL	glrlm	ShortRunEmphasis	0.935108787
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	291.4328471
wavelet-HHL	glrlm	RunPercentage	0.913715914
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01529626
wavelet-HHL	glrlm	RunEntropy	4.178270469
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	224.6929097
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.844439971
wavelet-HHL	glszm	GrayLevelVariance	28.80179458
wavelet-HHL	glszm	ZoneVariance	15.20044865
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.062970678
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.454574587
wavelet-HHL	glszm	SizeZoneNonUniformity	35.91139241
wavelet-HHL	glszm	GrayLevelNonUniformity	4.974683544
wavelet-HHL	glszm	LargeAreaEmphasis	20.92405063
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	158.8574122
wavelet-HHL	glszm	ZonePercentage	0.417989418
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.121721735
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	4444.708861
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	230.8734177
wavelet-HHL	glszm	SmallAreaEmphasis	0.699806435
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.024246597
wavelet-HHL	glszm	ZoneEntropy	5.225824856
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.022762339
wavelet-HHL	ngtdm	Coarseness	0.034664292
wavelet-HHL	ngtdm	Complexity	655.6108235

wavelet-HHL	ngtdm	Strength	6.532698174
wavelet-HHL	ngtdm	Contrast	0.167142808
wavelet-HHL	ngtdm	Busyness	0.074906531
wavelet-HLH	gldm	GrayLevelVariance	9.369670502
wavelet-HLH	gldm	HighGrayLevelEmphasis	140.5873016
wavelet-HLH	gldm	DependenceEntropy	5.519220911
wavelet-HLH	gldm	DependenceNonUniformity	33.53968254
wavelet-HLH	gldm	GrayLevelNonUniformity	21.23280423
wavelet-HLH	gldm	SmallDependenceEmphasis	0.37503026
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	57.67441674
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.177458638
wavelet-HLH	gldm	LargeDependenceEmphasis	17.64550265
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.149068073
wavelet-HLH	gldm	DependenceVariance	6.779933373
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2294.619048
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011044444
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.016331988
wavelet-HLH	glcm	JointAverage	11.44563614
wavelet-HLH	glcm	SumAverage	22.89127228
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wavelet-HLH	glcm	ClusterShade	-9.300014572
wavelet-HLH	glcm	MaximumProbability	0.064964062
wavelet-HLH	glcm	Idmn	0.963249957
wavelet-HLH	glcm	JointEnergy	0.021825896
wavelet-HLH	glcm	Contrast	17.0765551
wavelet-HLH	glcm	DifferenceEntropy	3.065454379
wavelet-HLH	glcm	InverseVariance	0.318449675
wavelet-HLH	glcm	DifferenceVariance	7.833047483
wavelet-HLH	glcm	Idn	0.880868092
wavelet-HLH	glcm	Idm	0.317877602
wavelet-HLH	glcm	Correlation	-0.054225057
wavelet-HLH	glcm	Autocorrelation	130.5279215
wavelet-HLH	glcm	SumEntropy	3.780345648
wavelet-HLH	glcm	SumSquares	8.057242176
wavelet-HLH	glcm	ClusterProminence	1017.424606
wavelet-HLH	glcm	Imc2	0.862655711
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wavelet-HLH	glcm	DifferenceAverage	3.008860407
wavelet-HLH	glcm	Id	0.395928354
wavelet-HLH	glcm	ClusterTendency	15.15241361
wavelet-HLH	firstorder	InterquartileRange	80.83910869
wavelet-HLH	firstorder	Skewness	-0.248629073
wavelet-HLH	firstorder	Uniformity	0.11234288
wavelet-HLH	firstorder	Median	-0.682458476
wavelet-HLH	firstorder	Energy	1099270.088
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	34.28208641
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wavelet-HLH	firstorder	TotalEnergy	29680292.38
wavelet-HLH	firstorder	Maximum	219.6326281
wavelet-HLH	firstorder	RootMeanSquared	76.26430261
wavelet-HLH	firstorder	90Percentile	78.35636721
wavelet-HLH	firstorder	Minimum	-251.415079
wavelet-HLH	firstorder	Entropy	3.542110027
wavelet-HLH	firstorder	Range	471.0477071
wavelet-HLH	firstorder	Variance	5813.256955
wavelet-HLH	firstorder	10Percentile	-95.28107234
wavelet-HLH	firstorder	Kurtosis	4.026140746
wavelet-HLH	firstorder	Mean	-1.728264226
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.016608548

wavelet-HLH	glrlm	GrayLevelVariance	10.13804461
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.017137387
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.10362278
wavelet-HLH	glrlm	RunVariance	0.114438887
wavelet-HLH	glrlm	GrayLevelNonUniformity	17.86382452
wavelet-HLH	glrlm	LongRunEmphasis	1.319888181
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	132.9155739
wavelet-HLH	glrlm	RunLengthNonUniformity	145.5770806
wavelet-HLH	glrlm	ShortRunEmphasis	0.934642227
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	183.3222827
wavelet-HLH	glrlm	RunPercentage	0.911680912
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.019718824
wavelet-HLH	glrlm	RunEntropy	3.976501915
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	141.5152768
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.84395082
wavelet-HLH	glszm	GrayLevelVariance	19.69459834
wavelet-HLH	glszm	ZoneVariance	24.74982687
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.067520776
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.538088643
wavelet-HLH	glszm	SizeZoneNonUniformity	40.89473684
wavelet-HLH	glszm	GrayLevelNonUniformity	5.131578947
wavelet-HLH	glszm	LargeAreaEmphasis	30.93421053
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	119.2416709
wavelet-HLH	glszm	ZonePercentage	0.402116402
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.263444603
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	4068.197368
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	150.7368421
wavelet-HLH	glszm	SmallAreaEmphasis	0.755903953
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.028385422
wavelet-HLH	glszm	ZoneEntropy	4.896018719
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025944138
wavelet-HLH	ngtdm	Coarseness	0.036484189
wavelet-HLH	ngtdm	Complexity	320.3647054
wavelet-HLH	ngtdm	Strength	3.477680163
wavelet-HLH	ngtdm	Contrast	0.13167753
wavelet-HLH	ngtdm	Busyness	0.111165797

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	355
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original	shape	MinorAxis	23.89089058
original	shape	Elongation	0.597124263
original	shape	SurfaceVolumeRatio	0.313822302
original	shape	Volume	9585
original	shape	MajorAxis	40.00991429
original	shape	SurfaceArea	3007.986768
original	shape	Flatness	0.445706496
original	shape	LeastAxis	17.83267868
original	shape	Maximum2DDiameterColumn	43.26661531
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original	gldm	GrayLevelVariance	68.8246459
original	gldm	HighGrayLevelEmphasis	489.1323944
original	gldm	DependenceEntropy	6.156507648
original	gldm	DependenceNonUniformity	109.1915493
original	gldm	GrayLevelNonUniformity	15.1915493
original	gldm	SmallDependenceEmphasis	0.550722221
original	gldm	SmallDependenceHighGrayLevelEmphasis	200.351688
original	gldm	DependenceNonUniformityNormalized	0.307581829
original	gldm	LargeDependenceEmphasis	9.687323944
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.023450601
original	gldm	DependenceVariance	4.442578853
original	gldm	LargeDependenceHighGrayLevelEmphasis	8057.921127
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original	gldm	LowGrayLevelEmphasis	0.009099541
original	glcm	JointAverage	22.42523046
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original	glcm	ClusterShade	-1021.957157
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original	glcm	InverseVariance	0.177069302



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original	glcm	ClusterProminence	72763.92853
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original	glcm	Id	0.254754692
original	glcm	ClusterTendency	177.6761227
original	firstorder	InterquartileRange	381.5
original	firstorder	Skewness	-0.167603102
original	firstorder	Uniformity	0.042793097
original	firstorder	Median	-252
original	firstorder	Energy	37669878
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original	firstorder	MeanAbsoluteDeviation	183.6660186
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original	firstorder	Minimum	-742
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original	glrlm	GrayLevelVariance	67.46103153
original	glrlm	LowGrayLevelRunEmphasis	0.009461651
original	glrlm	GrayLevelNonUniformityNormalized	0.040876597
original	glrlm	RunVariance	0.065698663
original	glrlm	GrayLevelNonUniformity	13.79447807
original	glrlm	LongRunEmphasis	1.174002831
original	glrlm	ShortRunHighGrayLevelEmphasis	446.986283
original	glrlm	RunLengthNonUniformity	308.0975085
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original	glrlm	HighGrayLevelRunEmphasis	473.6426416
original	glrlm	RunLengthNonUniformityNormalized	0.912744417
original	glszm	GrayLevelVariance	55.53215536
original	glszm	ZoneVariance	4.691181589
original	glszm	GrayLevelNonUniformityNormalized	0.039086014
original	glszm	SizeZoneNonUniformityNormalized	0.583341864
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original	glszm	HighGrayLevelZoneEmphasis	375.7963801
original	glszm	SmallAreaEmphasis	0.791875152
original	glszm	LowGrayLevelZoneEmphasis	0.012875054
original	glszm	ZoneEntropy	5.627560638
original	glszm	SmallAreaLowGrayLevelEmphasis	0.012051173
original	ngtdm	Coarseness	0.013431193
original	ngtdm	Complexity	2241.589794
original	ngtdm	Strength	6.32387309
original	ngtdm	Contrast	0.65817626
original	ngtdm	Busyness	0.111052797
wavelet-HHH	gldm	GrayLevelVariance	4.795429478
wavelet-HHH	gldm	HighGrayLevelEmphasis	77.5971831
wavelet-HHH	gldm	DependenceEntropy	5.608261376
wavelet-HHH	gldm	DependenceNonUniformity	53.53521127
wavelet-HHH	gldm	GrayLevelNonUniformity	48.45915493
wavelet-HHH	gldm	SmallDependenceEmphasis	0.269840175
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	22.54181104
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.150803412
wavelet-HHH	gldm	LargeDependenceEmphasis	19.38873239
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.277061753
wavelet-HHH	gldm	DependenceVariance	6.163729419
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1494.678873
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008592142
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.020180292
wavelet-HHH	glcm	JointAverage	8.517788419
wavelet-HHH	glcm	SumAverage	17.03557684
wavelet-HHH	glcm	JointEntropy	5.94663281
wavelet-HHH	glcm	ClusterShade	2.101783776
wavelet-HHH	glcm	MaximumProbability	0.056099429
wavelet-HHH	glcm	Idmn	0.97032974
wavelet-HHH	glcm	JointEnergy	0.022540577
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wavelet-HHH	glcm	InverseVariance	0.343933866
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wavelet-HHH	glcm	Correlation	-0.039927562
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wavelet-HHH	glcm	SumSquares	4.573151963
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wavelet-HHH	glcm	Imc2	0.648894829
wavelet-HHH	glcm	Imc1	-0.089315478
wavelet-HHH	glcm	DifferenceAverage	2.357163147
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wavelet-HHH	firstorder	InterquartileRange	65.77435616
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wavelet-HHH	firstorder	Uniformity	0.136504662
wavelet-HHH	firstorder	Median	2.745969936
wavelet-HHH	firstorder	Energy	1056148.528
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	27.77780338
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wavelet-HHH	firstorder	TotalEnergy	28516010.27
wavelet-HHH	firstorder	Maximum	216.5722612
wavelet-HHH	firstorder	RootMeanSquared	54.54416813
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wavelet-HHH	firstorder	Minimum	-191.7827097
wavelet-HHH	firstorder	Entropy	3.146107386
wavelet-HHH	firstorder	Range	408.354971
wavelet-HHH	firstorder	Variance	2974.736785
wavelet-HHH	firstorder	10Percentile	-70.1148498
wavelet-HHH	firstorder	Kurtosis	3.747951419
wavelet-HHH	firstorder	Mean	0.574014339
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.019695821
wavelet-HHH	glrlm	GrayLevelVariance	5.137328921
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.020810763
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.129609811
wavelet-HHH	glrlm	RunVariance	0.135049534
wavelet-HHH	glrlm	GrayLevelNonUniformity	41.35166791
wavelet-HHH	glrlm	LongRunEmphasis	1.375026896
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	71.98626743
wavelet-HHH	glrlm	RunLengthNonUniformity	262.2140171
wavelet-HHH	glrlm	ShortRunEmphasis	0.924571488
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	106.471404
wavelet-HHH	glrlm	RunPercentage	0.898591549
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.026245632
wavelet-HHH	glrlm	RunEntropy	3.659089534
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	77.72893697
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.82145353
wavelet-HHH	glszm	GrayLevelVariance	10.59320478
wavelet-HHH	glszm	ZoneVariance	77.15171921
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.097439037
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.445974901
wavelet-HHH	glszm	SizeZoneNonUniformity	44.15151515
wavelet-HHH	glszm	GrayLevelNonUniformity	9.646464646
wavelet-HHH	glszm	LargeAreaEmphasis	90.01010101
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	60.09203026
wavelet-HHH	glszm	ZonePercentage	0.278873239
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	1.257156437
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	6951.343434
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	82.58585859
wavelet-HHH	glszm	SmallAreaEmphasis	0.6918941
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.032265571
wavelet-HHH	glszm	ZoneEntropy	4.790282065
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.026070722
wavelet-HHH	ngtdm	Coarseness	0.017183759
wavelet-HHH	ngtdm	Complexity	167.2082741
wavelet-HHH	ngtdm	Strength	1.198342246
wavelet-HHH	ngtdm	Contrast	0.082709989
wavelet-HHH	ngtdm	Busyness	0.402647578
wavelet-HLL	gldm	GrayLevelVariance	23.26914501
wavelet-HLL	gldm	HighGrayLevelEmphasis	252.0028169
wavelet-HLL	gldm	DependenceEntropy	6.041662865
wavelet-HLL	gldm	DependenceNonUniformity	85.35492958
wavelet-HLL	gldm	GrayLevelNonUniformity	22.94366197
wavelet-HLL	gldm	SmallDependenceEmphasis	0.440778708
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	123.2719319
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.240436421
wavelet-HLL	gldm	LargeDependenceEmphasis	8.014084507
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.05028172
wavelet-HLL	gldm	DependenceVariance	2.1862805
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1725.625352
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006034297
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.009355069

wavelet-HLL	glcm	JointAverage	14.95591817
wavelet-HLL	glcm	SumAverage	29.91183634
wavelet-HLL	glcm	JointEntropy	7.480255882
wavelet-HLL	glcm	ClusterShade	148.5552231
wavelet-HLL	glcm	MaximumProbability	0.022507502
wavelet-HLL	glcm	Idmn	0.963147207
wavelet-HLL	glcm	JointEnergy	0.007313442
wavelet-HLL	glcm	Contrast	33.01445949
wavelet-HLL	glcm	DifferenceEntropy	3.527467226
wavelet-HLL	glcm	InverseVariance	0.230604407
wavelet-HLL	glcm	DifferenceVariance	13.18635332
wavelet-HLL	glcm	Idn	0.87509191
wavelet-HLL	glcm	Idm	0.216036752
wavelet-HLL	glcm	Correlation	0.218257478
wavelet-HLL	glcm	Autocorrelation	228.3561603
wavelet-HLL	glcm	SumEntropy	4.716843392
wavelet-HLL	glcm	SumSquares	21.17975192
wavelet-HLL	glcm	ClusterProminence	9143.652958
wavelet-HLL	glcm	Imc2	0.892274052
wavelet-HLL	glcm	Imc1	-0.194716062
wavelet-HLL	glcm	DifferenceAverage	4.376916432
wavelet-HLL	glcm	Id	0.306836522
wavelet-HLL	glcm	ClusterTendency	51.7045482
wavelet-HLL	firstorder	InterquartileRange	143.2283686
wavelet-HLL	firstorder	Skewness	0.271028521
wavelet-HLL	firstorder	Uniformity	0.064630034
wavelet-HLL	firstorder	Median	-70.22466126
wavelet-HLL	firstorder	Energy	6437676.219
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	62.16293934
wavelet-HLL	firstorder	MeanAbsoluteDeviation	93.72290506
wavelet-HLL	firstorder	TotalEnergy	173817257.9
wavelet-HLL	firstorder	Maximum	273.3562595
wavelet-HLL	firstorder	RootMeanSquared	134.6636521
wavelet-HLL	firstorder	90Percentile	118.8061042
wavelet-HLL	firstorder	Minimum	-404.3353667
wavelet-HLL	firstorder	Entropy	4.231806716
wavelet-HLL	firstorder	Range	677.6916263
wavelet-HLL	firstorder	Variance	14577.88314
wavelet-HLL	firstorder	10Percentile	-204.4739548
wavelet-HLL	firstorder	Kurtosis	3.033282203
wavelet-HLL	firstorder	Mean	-59.63569459
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009311114
wavelet-HLL	glrlm	GrayLevelVariance	23.83938433
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009555112
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.063074397
wavelet-HLL	glrlm	RunVariance	0.061160318
wavelet-HLL	glrlm	GrayLevelNonUniformity	21.1749065
wavelet-HLL	glrlm	LongRunEmphasis	1.180184492
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	244.9901575
wavelet-HLL	glrlm	RunLengthNonUniformity	300.953349
wavelet-HLL	glrlm	ShortRunEmphasis	0.958454331
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	292.9128275
wavelet-HLL	glrlm	RunPercentage	0.945612134
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.01062004
wavelet-HLL	glrlm	RunEntropy	4.513424055
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	254.0314035
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.896196959
wavelet-HLL	glszm	GrayLevelVariance	31.33079788

wavelet-HLL	glszm	ZoneVariance	9.016822371
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.052960485
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.493435172
wavelet-HLL	glszm	SizeZoneNonUniformity	87.83146067
wavelet-HLL	glszm	GrayLevelNonUniformity	9.426966292
wavelet-HLL	glszm	LargeAreaEmphasis	12.99438202
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	210.7686389
wavelet-HLL	glszm	ZonePercentage	0.501408451
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.080376193
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2739.646067
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	281.4325843
wavelet-HLL	glszm	SmallAreaEmphasis	0.730034007
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.012743749
wavelet-HLL	glszm	ZoneEntropy	5.507640845
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011141027
wavelet-HLL	ngtdm	Coarseness	0.018737917
wavelet-HLL	ngtdm	Complexity	860.7357568
wavelet-HLL	ngtdm	Strength	4.085987536
wavelet-HLL	ngtdm	Contrast	0.209680477
wavelet-HLL	ngtdm	Busyness	0.139564066
wavelet-LHL	gldm	GrayLevelVariance	43.78420155
wavelet-LHL	gldm	HighGrayLevelEmphasis	635.3014085
wavelet-LHL	gldm	DependenceEntropy	6.358270051
wavelet-LHL	gldm	DependenceNonUniformity	100.9323944
wavelet-LHL	gldm	GrayLevelNonUniformity	16.21126761
wavelet-LHL	gldm	SmallDependenceEmphasis	0.486224522
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	338.6122158
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.284316604
wavelet-LHL	gldm	LargeDependenceEmphasis	6.791549296
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.017027121
wavelet-LHL	gldm	DependenceVariance	1.951549296
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3878.591549
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003849347
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004975056
wavelet-LHL	glcm	JointAverage	24.14303501
wavelet-LHL	glcm	SumAverage	48.28607001
wavelet-LHL	glcm	JointEntropy	7.91359439
wavelet-LHL	glcm	ClusterShade	517.2137313
wavelet-LHL	glcm	MaximumProbability	0.015963254
wavelet-LHL	glcm	Idmn	0.976695493
wavelet-LHL	glcm	JointEnergy	0.005077096
wavelet-LHL	glcm	Contrast	51.4178287
wavelet-LHL	glcm	DifferenceEntropy	3.704676293
wavelet-LHL	glcm	InverseVariance	0.218901044
wavelet-LHL	glcm	DifferenceVariance	23.34326461
wavelet-LHL	glcm	Idn	0.903017451
wavelet-LHL	glcm	Idm	0.1968066
wavelet-LHL	glcm	Correlation	0.331172307
wavelet-LHL	glcm	Autocorrelation	596.1451974
wavelet-LHL	glcm	SumEntropy	5.145141178
wavelet-LHL	glcm	SumSquares	38.94477435
wavelet-LHL	glcm	ClusterProminence	37793.10265
wavelet-LHL	glcm	Imc2	0.95526451
wavelet-LHL	glcm	Imc1	-0.271083063
wavelet-LHL	glcm	DifferenceAverage	5.152981872
wavelet-LHL	glcm	Id	0.286527345
wavelet-LHL	glcm	ClusterTendency	104.3612687
wavelet-LHL	firstorder	InterquartileRange	215.5529469

wavelet-LHL	firstorder	Skewness	0.284466556
wavelet-LHL	firstorder	Uniformity	0.045665543
wavelet-LHL	firstorder	Median	-30.82849722
wavelet-LHL	firstorder	Energy	10023482.83
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	89.21638333
wavelet-LHL	firstorder	MeanAbsoluteDeviation	129.9245171
wavelet-LHL	firstorder	TotalEnergy	270634036.5
wavelet-LHL	firstorder	Maximum	474.5823057
wavelet-LHL	firstorder	RootMeanSquared	168.0332197
wavelet-LHL	firstorder	90Percentile	190.8492297
wavelet-LHL	firstorder	Minimum	-605.4984345
wavelet-LHL	firstorder	Entropy	4.673257533
wavelet-LHL	firstorder	Range	1080.08074
wavelet-LHL	firstorder	Variance	27393.98314
wavelet-LHL	firstorder	10Percentile	-230.8328425
wavelet-LHL	firstorder	Kurtosis	3.292748486
wavelet-LHL	firstorder	Mean	-29.00309919
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005040074
wavelet-LHL	glrlm	GrayLevelVariance	44.71395125
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005114348
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.044887208
wavelet-LHL	glrlm	RunVariance	0.053414789
wavelet-LHL	glrlm	GrayLevelNonUniformity	15.20182975
wavelet-LHL	glrlm	LongRunEmphasis	1.154437104
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	619.2469896
wavelet-LHL	glrlm	RunLengthNonUniformity	309.70202
wavelet-LHL	glrlm	ShortRunEmphasis	0.965421138
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	726.0684836
wavelet-LHL	glrlm	RunPercentage	0.953846154
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005441458
wavelet-LHL	glrlm	RunEntropy	4.899230448
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	638.7588568
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.913700942
wavelet-LHL	glszm	GrayLevelVariance	55.01435234
wavelet-LHL	glszm	ZoneVariance	4.615630395
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.039964957
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.50588781
wavelet-LHL	glszm	SizeZoneNonUniformity	99.65989848
wavelet-LHL	glszm	GrayLevelNonUniformity	7.873096447
wavelet-LHL	glszm	LargeAreaEmphasis	7.862944162
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	529.2712332
wavelet-LHL	glszm	ZonePercentage	0.554929577
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.020861598
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4628.142132
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	686.3756345
wavelet-LHL	glszm	SmallAreaEmphasis	0.738477712
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.007225663
wavelet-LHL	glszm	ZoneEntropy	5.864395511
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006632195
wavelet-LHL	ngtdm	Coarseness	0.023489176
wavelet-LHL	ngtdm	Complexity	1681.46728
wavelet-LHL	ngtdm	Strength	9.026360372
wavelet-LHL	ngtdm	Contrast	0.262109356
wavelet-LHL	ngtdm	Busyness	0.058547084
wavelet-LHH	gldm	GrayLevelVariance	10.40901408
wavelet-LHH	gldm	HighGrayLevelEmphasis	164.1690141
wavelet-LHH	gldm	DependenceEntropy	5.840795801
wavelet-LHH	gldm	DependenceNonUniformity	66.50422535

wavelet-LHH	gldm	GrayLevelNonUniformity	35.8056338
wavelet-LHH	gldm	SmallDependenceEmphasis	0.346410539
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	60.60884354
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.187335846
wavelet-LHH	gldm	LargeDependenceEmphasis	15.66478873
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.117663358
wavelet-LHH	gldm	DependenceVariance	5.72897441
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2420.664789
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006396078
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.01239387
wavelet-LHH	glcm	JointAverage	12.49030756
wavelet-LHH	glcm	SumAverage	24.98061512
wavelet-LHH	glcm	JointEntropy	6.66238304
wavelet-LHH	glcm	ClusterShade	-9.154341514
wavelet-LHH	glcm	MaximumProbability	0.041769884
wavelet-LHH	glcm	Idmn	0.96757372
wavelet-LHH	glcm	JointEnergy	0.014469539
wavelet-LHH	glcm	Contrast	19.64784719
wavelet-LHH	glcm	DifferenceEntropy	3.18884498
wavelet-LHH	glcm	InverseVariance	0.288797468
wavelet-LHH	glcm	DifferenceVariance	8.606561152
wavelet-LHH	glcm	Idn	0.885391259
wavelet-LHH	glcm	Idm	0.287570702
wavelet-LHH	glcm	Correlation	0.004413886
wavelet-LHH	glcm	Autocorrelation	156.0378417
wavelet-LHH	glcm	SumEntropy	4.040208203
wavelet-LHH	glcm	SumSquares	9.844538598
wavelet-LHH	glcm	ClusterProminence	1750.582629
wavelet-LHH	glcm	Imc2	0.792117754
wavelet-LHH	glcm	Imc1	-0.140516596
wavelet-LHH	glcm	DifferenceAverage	3.273856604
wavelet-LHH	glcm	Id	0.371558521
wavelet-LHH	glcm	ClusterTendency	19.73030721
wavelet-LHH	firstorder	InterquartileRange	86.84472279
wavelet-LHH	firstorder	Skewness	-0.081090065
wavelet-LHH	firstorder	Uniformity	0.10086094
wavelet-LHH	firstorder	Median	-3.412997403
wavelet-LHH	firstorder	Energy	2291191.843
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	38.07104801
wavelet-LHH	firstorder	MeanAbsoluteDeviation	59.98191067
wavelet-LHH	firstorder	TotalEnergy	61862179.75
wavelet-LHH	firstorder	Maximum	262.3254258
wavelet-LHH	firstorder	RootMeanSquared	80.33717401
wavelet-LHH	firstorder	90Percentile	102.3015675
wavelet-LHH	firstorder	Minimum	-292.3887445
wavelet-LHH	firstorder	Entropy	3.651808043
wavelet-LHH	firstorder	Range	554.7141702
wavelet-LHH	firstorder	Variance	6447.172742
wavelet-LHH	firstorder	10Percentile	-98.22148583
wavelet-LHH	firstorder	Kurtosis	4.122323694
wavelet-LHH	firstorder	Mean	-2.624649722
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.012335421
wavelet-LHH	glrlm	GrayLevelVariance	11.0435954
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.012820831
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.095451471
wavelet-LHH	glrlm	RunVariance	0.10492843
wavelet-LHH	glrlm	GrayLevelNonUniformity	31.08969944
wavelet-LHH	glrlm	LongRunEmphasis	1.297015127

wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	155.2582147
wavelet-LHH	glrlm	RunLengthNonUniformity	277.7295593
wavelet-LHH	glrlm	ShortRunEmphasis	0.938110789
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	211.3012166
wavelet-LHH	glrlm	RunPercentage	0.917226436
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.015085562
wavelet-LHH	glrlm	RunEntropy	4.077893511
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	164.9061931
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.851580801
wavelet-LHH	glszm	GrayLevelVariance	18.02303707
wavelet-LHH	glszm	ZoneVariance	27.24259343
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.072883658
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.430008551
wavelet-LHH	glszm	SizeZoneNonUniformity	60.63120567
wavelet-LHH	glszm	GrayLevelNonUniformity	10.27659574
wavelet-LHH	glszm	LargeAreaEmphasis	33.58156028
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	121.7745675
wavelet-LHH	glszm	ZonePercentage	0.397183099
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.240154275
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	5303.929078
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	174.1843972
wavelet-LHH	glszm	SmallAreaEmphasis	0.679511437
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.018164125
wavelet-LHH	glszm	ZoneEntropy	5.281801821
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.014112896
wavelet-LHH	ngtdm	Coarseness	0.019113336
wavelet-LHH	ngtdm	Complexity	478.0526291
wavelet-LHH	ngtdm	Strength	2.706721595
wavelet-LHH	ngtdm	Contrast	0.111602216
wavelet-LHH	ngtdm	Busyness	0.165067715
wavelet-LLH	gldm	GrayLevelVariance	97.25733783
wavelet-LLH	gldm	HighGrayLevelEmphasis	816.1014085
wavelet-LLH	gldm	DependenceEntropy	6.400794918
wavelet-LLH	gldm	DependenceNonUniformity	117.5183099
wavelet-LLH	gldm	GrayLevelNonUniformity	12.73521127
wavelet-LLH	gldm	SmallDependenceEmphasis	0.534066877
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	481.6790801
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.331037493
wavelet-LLH	gldm	LargeDependenceEmphasis	4.549295775
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.012598099
wavelet-LLH	gldm	DependenceVariance	0.97666336
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3182.535211
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003989947
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.004981766
wavelet-LLH	glcm	JointAverage	26.07185787
wavelet-LLH	glcm	SumAverage	52.14371574
wavelet-LLH	glcm	JointEntropy	8.250996791
wavelet-LLH	glcm	ClusterShade	3500.527363
wavelet-LLH	glcm	MaximumProbability	0.011785781
wavelet-LLH	glcm	Idmn	0.969281741
wavelet-LLH	glcm	JointEnergy	0.003852231
wavelet-LLH	glcm	Contrast	129.4975796
wavelet-LLH	glcm	DifferenceEntropy	4.312836712
wavelet-LLH	glcm	InverseVariance	0.146392263
wavelet-LLH	glcm	DifferenceVariance	51.92038657
wavelet-LLH	glcm	Idn	0.888974928
wavelet-LLH	glcm	Idm	0.137768585
wavelet-LLH	glcm	Correlation	0.251412849



wavelet-LLH	glcm	Autocorrelation	702.7342959
wavelet-LLH	glcm	SumEntropy	5.453865927
wavelet-LLH	glcm	SumSquares	87.69349845
wavelet-LLH	glcm	ClusterProminence	245107.8533
wavelet-LLH	glcm	Imc2	0.985184669
wavelet-LLH	glcm	Imc1	-0.355056178
wavelet-LLH	glcm	DifferenceAverage	8.371269396
wavelet-LLH	glcm	Id	0.221546925
wavelet-LLH	glcm	ClusterTendency	221.2764141
wavelet-LLH	firstorder	InterquartileRange	293.8940632
wavelet-LLH	firstorder	Skewness	0.827537308
wavelet-LLH	firstorder	Uniformity	0.035873835
wavelet-LLH	firstorder	Median	-42.62925546
wavelet-LLH	firstorder	Energy	21738033.25
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	126.0227778
wavelet-LLH	firstorder	MeanAbsoluteDeviation	189.4478876
wavelet-LLH	firstorder	TotalEnergy	586926897.8
wavelet-LLH	firstorder	Maximum	839.8220837
wavelet-LLH	firstorder	RootMeanSquared	247.4548373
wavelet-LLH	firstorder	90Percentile	291.0969345
wavelet-LLH	firstorder	Minimum	-661.5252844
wavelet-LLH	firstorder	Entropy	5.095783688
wavelet-LLH	firstorder	Range	1501.347368
wavelet-LLH	firstorder	Variance	60961.95145
wavelet-LLH	firstorder	10Percentile	-282.9990227
wavelet-LLH	firstorder	Kurtosis	3.995336862
wavelet-LLH	firstorder	Mean	-16.4907562
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.005026789
wavelet-LLH	glrlm	GrayLevelVariance	98.39553527
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.005083589
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.035422018
wavelet-LLH	glrlm	RunVariance	0.0373688
wavelet-LLH	glrlm	GrayLevelNonUniformity	12.14562682
wavelet-LLH	glrlm	LongRunEmphasis	1.11125949
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	802.8312516
wavelet-LLH	glrlm	RunLengthNonUniformity	320.5519329
wavelet-LLH	glrlm	ShortRunEmphasis	0.973867805
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	897.0771174
wavelet-LLH	glrlm	RunPercentage	0.965763814
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.005321171
wavelet-LLH	glrlm	RunEntropy	5.259114225
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	820.7802349
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.934041478
wavelet-LLH	glszm	GrayLevelVariance	112.0137834
wavelet-LLH	glszm	ZoneVariance	1.368881667
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031208395
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.498512021
wavelet-LLH	glszm	SizeZoneNonUniformity	112.6637168
wavelet-LLH	glszm	GrayLevelNonUniformity	7.053097345
wavelet-LLH	glszm	LargeAreaEmphasis	3.836283186
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	677.8831235
wavelet-LLH	glszm	ZonePercentage	0.636619718
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.012549652
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2767.867257
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	881.7079646
wavelet-LLH	glszm	SmallAreaEmphasis	0.731796572
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.006602495
wavelet-LLH	glszm	ZoneEntropy	6.216793705

wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.006042299
wavelet-LLH	ngtdm	Coarseness	0.016851587
wavelet-LLH	ngtdm	Complexity	6580.890964
wavelet-LLH	ngtdm	Strength	17.42137644
wavelet-LLH	ngtdm	Contrast	0.46936464
wavelet-LLH	ngtdm	Busyness	0.046658395
wavelet-LLL	gldm	GrayLevelVariance	436.2124499
wavelet-LLL	gldm	HighGrayLevelEmphasis	3642.323944
wavelet-LLL	gldm	DependenceEntropy	6.813134004
wavelet-LLL	gldm	DependenceNonUniformity	179.6591549
wavelet-LLL	gldm	GrayLevelNonUniformity	5.676056338
wavelet-LLL	gldm	SmallDependenceEmphasis	0.733767973
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2385.597372
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.506082127
wavelet-LLL	gldm	LargeDependenceEmphasis	3.03943662
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.003987826
wavelet-LLL	gldm	DependenceVariance	0.802094822
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	15756.36901
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.003405526
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.003491142
wavelet-LLL	glcm	JointAverage	62.0215881
wavelet-LLL	glcm	SumAverage	124.0431762
wavelet-LLL	glcm	JointEntropy	8.756642999
wavelet-LLL	glcm	ClusterShade	-12190.85721
wavelet-LLL	glcm	MaximumProbability	0.008002585
wavelet-LLL	glcm	Idmn	0.959792765
wavelet-LLL	glcm	JointEnergy	0.002453909
wavelet-LLL	glcm	Contrast	414.9444369
wavelet-LLL	glcm	DifferenceEntropy	5.192573217
wavelet-LLL	glcm	InverseVariance	0.071484112
wavelet-LLL	glcm	DifferenceVariance	146.4350938
wavelet-LLL	glcm	Idn	0.865634341
wavelet-LLL	glcm	Idm	0.071771259
wavelet-LLL	glcm	Correlation	0.497592115
wavelet-LLL	glcm	Autocorrelation	4050.988306
wavelet-LLL	glcm	SumEntropy	6.58966076
wavelet-LLL	glcm	SumSquares	410.9579559
wavelet-LLL	glcm	ClusterProminence	3774949.257
wavelet-LLL	glcm	Imc2	0.999294397
wavelet-LLL	glcm	Imc1	-0.54646568
wavelet-LLL	glcm	DifferenceAverage	16.17320661
wavelet-LLL	glcm	Id	0.136619963
wavelet-LLL	glcm	ClusterTendency	1228.887387
wavelet-LLL	firstorder	InterquartileRange	806.2457745
wavelet-LLL	firstorder	Skewness	-0.063286534
wavelet-LLL	firstorder	Uniformity	0.015988891
wavelet-LLL	firstorder	Median	-753.0788568
wavelet-LLL	firstorder	Energy	295313641.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	336.5417621
wavelet-LLL	firstorder	MeanAbsoluteDeviation	442.9482639
wavelet-LLL	firstorder	TotalEnergy	7973468317
wavelet-LLL	firstorder	Maximum	248.4098497
wavelet-LLL	firstorder	RootMeanSquared	912.0687542
wavelet-LLL	firstorder	90Percentile	-27.29674812
wavelet-LLL	firstorder	Minimum	-2133.545208
wavelet-LLL	firstorder	Entropy	6.143707098
wavelet-LLL	firstorder	Range	2381.955058
wavelet-LLL	firstorder	Variance	273053.0468

wavelet-LLL	firstorder	10Percentile	-1428.624304
wavelet-LLL	firstorder	Kurtosis	2.168182187
wavelet-LLL	firstorder	Mean	-747.54021
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.003550151
wavelet-LLL	glrlm	GrayLevelVariance	433.3248642
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.003554165
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.01587893
wavelet-LLL	glrlm	RunVariance	0.020412356
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.529837681
wavelet-LLL	glrlm	LongRunEmphasis	1.060186857
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3531.777272
wavelet-LLL	glrlm	RunLengthNonUniformity	335.4753269
wavelet-LLL	glrlm	ShortRunEmphasis	0.985711172
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3935.492641
wavelet-LLL	glrlm	RunPercentage	0.980931744
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.003570639
wavelet-LLL	glrlm	RunEntropy	6.215820998
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3607.976743
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.963086229
wavelet-LLL	glszm	GrayLevelVariance	412.5667526
wavelet-LLL	glszm	ZoneVariance	0.581866197
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015373934
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.709680619
wavelet-LLL	glszm	SizeZoneNonUniformity	201.5492958
wavelet-LLL	glszm	GrayLevelNonUniformity	4.366197183
wavelet-LLL	glszm	LargeAreaEmphasis	2.144366197
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2760.647816
wavelet-LLL	glszm	ZonePercentage	0.8
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.004573041
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	10051.83451
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3307.309859
wavelet-LLL	glszm	SmallAreaEmphasis	0.867546674
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.004287883
wavelet-LLL	glszm	ZoneEntropy	6.612271189
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.004240051
wavelet-LLL	ngtdm	Coarseness	0.018272369
wavelet-LLL	ngtdm	Complexity	28830.95594
wavelet-LLL	ngtdm	Strength	48.88393505
wavelet-LLL	ngtdm	Contrast	1.290364948
wavelet-LLL	ngtdm	Busyness	0.01350673
wavelet-HHL	gldm	GrayLevelVariance	10.67692918
wavelet-HHL	gldm	HighGrayLevelEmphasis	166.0478873
wavelet-HHL	gldm	DependenceEntropy	5.858019886
wavelet-HHL	gldm	DependenceNonUniformity	66.44225352
wavelet-HHL	gldm	GrayLevelNonUniformity	36.10422535
wavelet-HHL	gldm	SmallDependenceEmphasis	0.341782175
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	60.86784461
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.187161278
wavelet-HHL	gldm	LargeDependenceEmphasis	12.1943662
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.090977119
wavelet-HHL	gldm	DependenceVariance	3.429430669
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1966.397183
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006610864
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.012056902
wavelet-HHL	glcm	JointAverage	12.49584852
wavelet-HHL	glcm	SumAverage	24.99169703
wavelet-HHL	glcm	JointEntropy	6.700424665
wavelet-HHL	glcm	ClusterShade	-42.73857179

wavelet-HHL	glcm	MaximumProbability	0.035568932
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wavelet-HHL	glcm	JointEnergy	0.013678687
wavelet-HHL	glcm	Contrast	19.65323849
wavelet-HHL	glcm	DifferenceEntropy	3.154167897
wavelet-HHL	glcm	InverseVariance	0.290000828
wavelet-HHL	glcm	DifferenceVariance	8.652860613
wavelet-HHL	glcm	Idn	0.893597338
wavelet-HHL	glcm	Idm	0.280473925
wavelet-HHL	glcm	Correlation	0.034899123
wavelet-HHL	glcm	Autocorrelation	156.5173027
wavelet-HHL	glcm	SumEntropy	4.070365159
wavelet-HHL	glcm	SumSquares	10.18463913
wavelet-HHL	glcm	ClusterProminence	2313.214464
wavelet-HHL	glcm	Imc2	0.799154688
wavelet-HHL	glcm	Imc1	-0.143928526
wavelet-HHL	glcm	DifferenceAverage	3.253225986
wavelet-HHL	glcm	Id	0.366762333
wavelet-HHL	glcm	ClusterTendency	21.08531803
wavelet-HHL	firstorder	InterquartileRange	83.28415149
wavelet-HHL	firstorder	Skewness	-0.186751976
wavelet-HHL	firstorder	Uniformity	0.101702043
wavelet-HHL	firstorder	Median	2.500437022
wavelet-HHL	firstorder	Energy	2346840.832
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	37.229085
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wavelet-HHL	firstorder	RootMeanSquared	81.30694463
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wavelet-HHL	firstorder	Entropy	3.650639765
wavelet-HHL	firstorder	Range	594.4002043
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wavelet-HHL	firstorder	10Percentile	-110.5342523
wavelet-HHL	firstorder	Kurtosis	4.497170906
wavelet-HHL	firstorder	Mean	-1.243724449
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.012011812
wavelet-HHL	glrlm	GrayLevelVariance	11.199739
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.012433295
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.098107574
wavelet-HHL	glrlm	RunVariance	0.092657393
wavelet-HHL	glrlm	GrayLevelNonUniformity	32.19839024
wavelet-HHL	glrlm	LongRunEmphasis	1.263397683
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	157.3905393
wavelet-HHL	glrlm	RunLengthNonUniformity	283.6204314
wavelet-HHL	glrlm	ShortRunEmphasis	0.943816194
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	208.7659295
wavelet-HHL	glrlm	RunPercentage	0.924593716
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.01438838
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wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	166.4659284
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.863606696
wavelet-HHL	glszm	GrayLevelVariance	19.56661258
wavelet-HHL	glszm	ZoneVariance	34.20203113
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.06760411
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.473228772
wavelet-HHL	glszm	SizeZoneNonUniformity	61.04651163

wavelet-HHL	glszm	GrayLevelNonUniformity	8.720930233
wavelet-HHL	glszm	LargeAreaEmphasis	41.7751938
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	131.8989532
wavelet-HHL	glszm	ZonePercentage	0.363380282
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.300353632
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	6500.023256
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	176.6899225
wavelet-HHL	glszm	SmallAreaEmphasis	0.714254688
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.019158066
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wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.016100163
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.199460425
wavelet-HLH	gldm	LargeDependenceEmphasis	13
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.230825614
wavelet-HLH	gldm	DependenceVariance	4.334854196
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wavelet-HLH	glcm	JointAverage	8.579138204
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wavelet-HLH	glcm	ClusterShade	5.528265278
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wavelet-HLH	glcm	JointEnergy	0.012607975
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wavelet-HLH	glcm	Correlation	-0.036306396
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wavelet-HLH	glcm	SumSquares	7.956190951
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wavelet-HLH	glcm	Imc2	0.701340553
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wavelet-HLH	glcm	DifferenceAverage	3.204344944
wavelet-HLH	glcm	Id	0.357057732
wavelet-HLH	glcm	ClusterTendency	15.31457275
wavelet-HLH	firstorder	InterquartileRange	103.9738281
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wavelet-HLH	firstorder	Uniformity	0.096941083
wavelet-HLH	firstorder	Median	-6.177977711
wavelet-HLH	firstorder	Energy	1830679.407

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	42.93069452
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.07339807
wavelet-HLH	firstorder	TotalEnergy	49428343.99
wavelet-HLH	firstorder	Maximum	166.275838
wavelet-HLH	firstorder	RootMeanSquared	71.81116487
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wavelet-HLH	firstorder	Entropy	3.528643876
wavelet-HLH	firstorder	Range	362.4573152
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wavelet-HLH	firstorder	10Percentile	-91.20231305
wavelet-HLH	firstorder	Kurtosis	2.451648161
wavelet-HLH	firstorder	Mean	0.414940602
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.024531359
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wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.025554256
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.094933936
wavelet-HLH	glrlm	RunVariance	0.090529846
wavelet-HLH	glrlm	GrayLevelNonUniformity	31.18158477
wavelet-HLH	glrlm	LongRunEmphasis	1.261685224
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	76.75149335
wavelet-HLH	glrlm	RunLengthNonUniformity	283.9739811
wavelet-HLH	glrlm	ShortRunEmphasis	0.943264446
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wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.030189826
wavelet-HLH	glrlm	RunEntropy	3.899437098
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	81.01035545
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wavelet-HLH	glszm	GrayLevelVariance	12.15851659
wavelet-HLH	glszm	ZoneVariance	15.91546103
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wavelet-HLH	glszm	SizeZoneNonUniformity	57.25
wavelet-HLH	glszm	GrayLevelNonUniformity	11.56944444
wavelet-HLH	glszm	LargeAreaEmphasis	21.99305556
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	55.31592357
wavelet-HLH	glszm	ZonePercentage	0.405633803
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.401207245
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1498.326389
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	85.95138889
wavelet-HLH	glszm	SmallAreaEmphasis	0.649678131
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.034654739
wavelet-HLH	glszm	ZoneEntropy	5.232173142
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.028092676
wavelet-HLH	ngtdm	Coarseness	0.01483127
wavelet-HLH	ngtdm	Complexity	208.5986375
wavelet-HLH	ngtdm	Strength	0.918765795
wavelet-HLH	ngtdm	Contrast	0.197545688
wavelet-HLH	ngtdm	Busyness	0.664443534

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
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general	info	VoxelNum	2531
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original	gldm	GrayLevelVariance	55.2865442
original	gldm	HighGrayLevelEmphasis	1083.463058
original	gldm	DependenceEntropy	6.499105515
original	gldm	DependenceNonUniformity	196.384433
original	gldm	GrayLevelNonUniformity	501.2054524
original	gldm	SmallDependenceEmphasis	0.233371288
original	gldm	SmallDependenceHighGrayLevelEmphasis	157.6685687
original	gldm	DependenceNonUniformityNormalized	0.077591637
original	gldm	LargeDependenceEmphasis	101.5570921
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.084255006
original	gldm	DependenceVariance	35.66580346
original	gldm	LargeDependenceHighGrayLevelEmphasis	128275.9546
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original	glcm	JointAverage	33.19661001
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original	glcm	JointEntropy	5.535550989
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original	glcm	DifferenceVariance	31.27588711
original	glcm	Idn	0.938005545
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original	glcm	Correlation	0.442061353
original	glcm	Autocorrelation	1118.939226
original	glcm	SumEntropy	3.913506972
original	glcm	SumSquares	37.70720979
original	glcm	ClusterProminence	119142.2323
original	glcm	Imc2	0.726120203
original	glcm	Imc1	-0.129442661
original	glcm	DifferenceAverage	3.201865742
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original	glcm	ClusterTendency	109.1968761
original	firstorder	InterquartileRange	69
original	firstorder	Skewness	-2.204009393
original	firstorder	Uniformity	0.19802665
original	firstorder	Median	18
original	firstorder	Energy	96776220
original	firstorder	RobustMeanAbsoluteDeviation	59.21006859
original	firstorder	MeanAbsoluteDeviation	130.987987
original	firstorder	TotalEnergy	2612957940
original	firstorder	Maximum	143
original	firstorder	RootMeanSquared	195.5411905
original	firstorder	90Percentile	46
original	firstorder	Minimum	-843
original	firstorder	Entropy	3.334867036
original	firstorder	Range	986
original	firstorder	Variance	34468.8906
original	firstorder	10Percentile	-357
original	firstorder	Kurtosis	7.027282138
original	firstorder	Mean	-61.37969182
original	glrlm	ShortRunLowGrayLevelEmphasis	0.00410403
original	glrlm	GrayLevelVariance	69.04223486
original	glrlm	LowGrayLevelRunEmphasis	0.004263885
original	glrlm	GrayLevelNonUniformityNormalized	0.136304397
original	glrlm	RunVariance	0.753490736
original	glrlm	GrayLevelNonUniformity	250.725487
original	glrlm	LongRunEmphasis	2.653216501
original	glrlm	ShortRunHighGrayLevelEmphasis	788.8894809
original	glrlm	RunLengthNonUniformity	1147.551837
original	glrlm	ShortRunEmphasis	0.817362825
original	glrlm	LongRunHighGrayLevelEmphasis	3101.989148
original	glrlm	RunPercentage	0.726255965
original	glrlm	LongRunLowGrayLevelEmphasis	0.00565313
original	glrlm	RunEntropy	4.763744868
original	glrlm	HighGrayLevelRunEmphasis	1017.648004
original	glrlm	RunLengthNonUniformityNormalized	0.623925895
original	glszm	GrayLevelVariance	89.21339658
original	glszm	ZoneVariance	1899.172261
original	glszm	GrayLevelNonUniformityNormalized	0.036981086
original	glszm	SizeZoneNonUniformityNormalized	0.630281007
original	glszm	SizeZoneNonUniformity	394.5559105
original	glszm	GrayLevelNonUniformity	23.15015974
original	glszm	LargeAreaEmphasis	1915.519169
original	glszm	SmallAreaHighGrayLevelEmphasis	514.7601576
original	glszm	ZonePercentage	0.24733307
original	glszm	LargeAreaLowGrayLevelEmphasis	1.524474804
original	glszm	LargeAreaHighGrayLevelEmphasis	2427855.149



original	glszm	HighGrayLevelZoneEmphasis	655.2124601
original	glszm	SmallAreaEmphasis	0.821424981
original	glszm	LowGrayLevelZoneEmphasis	0.010134182
original	glszm	ZoneEntropy	5.913214657
original	glszm	SmallAreaLowGrayLevelEmphasis	0.009442711
original	ngtdm	Coarseness	0.001481656
original	ngtdm	Complexity	2101.839192
original	ngtdm	Strength	3.57904159
original	ngtdm	Contrast	0.201745121
original	ngtdm	Busyness	0.316074511
wavelet-HHH	gldm	GrayLevelVariance	5.460158437
wavelet-HHH	gldm	HighGrayLevelEmphasis	278.3951008
wavelet-HHH	gldm	DependenceEntropy	6.08957608
wavelet-HHH	gldm	DependenceNonUniformity	201.0679573
wavelet-HHH	gldm	GrayLevelNonUniformity	480.1165547
wavelet-HHH	gldm	SmallDependenceEmphasis	0.185283785
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	53.9642198
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.079442101
wavelet-HHH	gldm	LargeDependenceEmphasis	68.79691821
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.254068307
wavelet-HHH	gldm	DependenceVariance	22.69544726
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	18825.63256
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001239467
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.004334251
wavelet-HHH	glcm	JointAverage	16.50785172
wavelet-HHH	glcm	SumAverage	33.01570344
wavelet-HHH	glcm	JointEntropy	5.486219134
wavelet-HHH	glcm	ClusterShade	2.303925077
wavelet-HHH	glcm	MaximumProbability	0.133409483
wavelet-HHH	glcm	Idmn	0.992791512
wavelet-HHH	glcm	JointEnergy	0.060969739
wavelet-HHH	glcm	Contrast	9.907467781
wavelet-HHH	glcm	DifferenceEntropy	2.662435159
wavelet-HHH	glcm	InverseVariance	0.3952282
wavelet-HHH	glcm	DifferenceVariance	5.915826803
wavelet-HHH	glcm	Idn	0.95130267
wavelet-HHH	glcm	Idm	0.474793861
wavelet-HHH	glcm	Correlation	-0.036841218
wavelet-HHH	glcm	Autocorrelation	272.3229089
wavelet-HHH	glcm	SumEntropy	3.342419783
wavelet-HHH	glcm	SumSquares	4.767403135
wavelet-HHH	glcm	ClusterProminence	710.317647
wavelet-HHH	glcm	Imc2	0.601523959
wavelet-HHH	glcm	Imc1	-0.080615529
wavelet-HHH	glcm	DifferenceAverage	1.981262406
wavelet-HHH	glcm	Id	0.525436463
wavelet-HHH	glcm	ClusterTendency	9.162144759
wavelet-HHH	firstorder	InterquartileRange	37.40090033
wavelet-HHH	firstorder	Skewness	0.250072533
wavelet-HHH	firstorder	Uniformity	0.189694411
wavelet-HHH	firstorder	Median	0.63188117
wavelet-HHH	firstorder	Energy	8552886.097
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	18.58653995
wavelet-HHH	firstorder	MeanAbsoluteDeviation	36.77399318
wavelet-HHH	firstorder	TotalEnergy	230927924.6
wavelet-HHH	firstorder	Maximum	498.9343561
wavelet-HHH	firstorder	RootMeanSquared	58.13133163
wavelet-HHH	firstorder	90Percentile	60.93440416

wavelet-HHH	firstorder	Minimum	-390.3137535
wavelet-HHH	firstorder	Entropy	2.985571112
wavelet-HHH	firstorder	Range	889.2481096
wavelet-HHH	firstorder	Variance	3379.151127
wavelet-HHH	firstorder	10Percentile	-65.72433286
wavelet-HHH	firstorder	Kurtosis	9.770574332
wavelet-HHH	firstorder	Mean	0.317159967
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003945973
wavelet-HHH	glrlm	GrayLevelVariance	6.7711145
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.004516636
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.151701996
wavelet-HHH	glrlm	RunVariance	0.510086662
wavelet-HHH	glrlm	GrayLevelNonUniformity	298.8640362
wavelet-HHH	glrlm	LongRunEmphasis	2.174222087
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	237.3739345
wavelet-HHH	glrlm	RunLengthNonUniformity	1324.923305
wavelet-HHH	glrlm	ShortRunEmphasis	0.846260053
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	601.2546082
wavelet-HHH	glrlm	RunPercentage	0.777315138
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.008857843
wavelet-HHH	glrlm	RunEntropy	4.073988851
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	279.5985968
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.672337614
wavelet-HHH	glszm	GrayLevelVariance	19.40626039
wavelet-HHH	glszm	ZoneVariance	2180.136837
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.07861382
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.483657499
wavelet-HHH	glszm	SizeZoneNonUniformity	231.1882845
wavelet-HHH	glszm	GrayLevelNonUniformity	37.57740586
wavelet-HHH	glszm	LargeAreaEmphasis	2208.17364
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	214.0246067
wavelet-HHH	glszm	ZonePercentage	0.188858159
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	8.10359014
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	604646.7029
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	289.9330544
wavelet-HHH	glszm	SmallAreaEmphasis	0.721918658
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.006764589
wavelet-HHH	glszm	ZoneEntropy	5.462978335
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.005518341
wavelet-HHH	ngtdm	Coarseness	0.00293029
wavelet-HHH	ngtdm	Complexity	517.7833256
wavelet-HHH	ngtdm	Strength	1.018903985
wavelet-HHH	ngtdm	Contrast	0.027023351
wavelet-HHH	ngtdm	Busyness	0.516279076
wavelet-HLL	gldm	GrayLevelVariance	22.94829987
wavelet-HLL	gldm	HighGrayLevelEmphasis	582.2493086
wavelet-HLL	gldm	DependenceEntropy	6.730662735
wavelet-HLL	gldm	DependenceNonUniformity	272.9312525
wavelet-HLL	gldm	GrayLevelNonUniformity	304.458712
wavelet-HLL	gldm	SmallDependenceEmphasis	0.266858574
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	160.3939105
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.107835343
wavelet-HLL	gldm	LargeDependenceEmphasis	54.27854603
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.093105864
wavelet-HLL	gldm	DependenceVariance	22.74395364
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	32377.08771
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001103384
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.0025513

wavelet-HLL	glcm	JointAverage	23.55677414
wavelet-HLL	glcm	SumAverage	47.11354828
wavelet-HLL	glcm	JointEntropy	6.794617202
wavelet-HLL	glcm	ClusterShade	-39.9043362
wavelet-HLL	glcm	MaximumProbability	0.104535649
wavelet-HLL	glcm	Idmn	0.98918409
wavelet-HLL	glcm	JointEnergy	0.036325677
wavelet-HLL	glcm	Contrast	28.5029362
wavelet-HLL	glcm	DifferenceEntropy	3.243012653
wavelet-HLL	glcm	InverseVariance	0.337387146
wavelet-HLL	glcm	DifferenceVariance	17.68390244
wavelet-HLL	glcm	Idn	0.943338312
wavelet-HLL	glcm	Idm	0.392058495
wavelet-HLL	glcm	Correlation	0.235043483
wavelet-HLL	glcm	Autocorrelation	559.6851127
wavelet-HLL	glcm	SumEntropy	4.311262544
wavelet-HLL	glcm	SumSquares	19.01311561
wavelet-HLL	glcm	ClusterProminence	16032.52836
wavelet-HLL	glcm	Imc2	0.784545462
wavelet-HLL	glcm	Imc1	-0.136217319
wavelet-HLL	glcm	DifferenceAverage	3.235354366
wavelet-HLL	glcm	Id	0.451918224
wavelet-HLL	glcm	ClusterTendency	47.54952623
wavelet-HLL	firstorder	InterquartileRange	78.21470055
wavelet-HLL	firstorder	Skewness	0.0983678
wavelet-HLL	firstorder	Uniformity	0.120291866
wavelet-HLL	firstorder	Median	-7.148936127
wavelet-HLL	firstorder	Energy	37366971.68
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	38.93156402
wavelet-HLL	firstorder	MeanAbsoluteDeviation	77.66572771
wavelet-HLL	firstorder	TotalEnergy	1008908235
wavelet-HLL	firstorder	Maximum	606.9567619
wavelet-HLL	firstorder	RootMeanSquared	121.5060433
wavelet-HLL	firstorder	90Percentile	87.39772322
wavelet-HLL	firstorder	Minimum	-595.0429943
wavelet-HLL	firstorder	Entropy	3.868015679
wavelet-HLL	firstorder	Range	1201.999756
wavelet-HLL	firstorder	Variance	14308.11358
wavelet-HLL	firstorder	10Percentile	-167.1664359
wavelet-HLL	firstorder	Kurtosis	6.042266219
wavelet-HLL	firstorder	Mean	-21.34490545
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002513584
wavelet-HLL	glrlm	GrayLevelVariance	27.04067501
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.002724495
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.0913301
wavelet-HLL	glrlm	RunVariance	0.418788475
wavelet-HLL	glrlm	GrayLevelNonUniformity	190.8332698
wavelet-HLL	glrlm	LongRunEmphasis	1.910797206
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	511.4015042
wavelet-HLL	glrlm	RunLengthNonUniformity	1543.089282
wavelet-HLL	glrlm	ShortRunEmphasis	0.882596603
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1120.535963
wavelet-HLL	glrlm	RunPercentage	0.822478193
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.004307601
wavelet-HLL	glrlm	RunEntropy	4.788386768
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	580.378397
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.739469295
wavelet-HLL	glszm	GrayLevelVariance	52.76472693

wavelet-HLL	glszm	ZoneVariance	782.9388377
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041802708
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.46837356
wavelet-HLL	glszm	SizeZoneNonUniformity	354.5587847
wavelet-HLL	glszm	GrayLevelNonUniformity	31.64464993
wavelet-HLL	glszm	LargeAreaEmphasis	794.1175694
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	435.7485435
wavelet-HLL	glszm	ZonePercentage	0.299091268
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	1.336481574
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	474180.041
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	595.9564069
wavelet-HLL	glszm	SmallAreaEmphasis	0.71155631
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004016967
wavelet-HLL	glszm	ZoneEntropy	6.294668577
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003270367
wavelet-HLL	ngtdm	Coarseness	0.00291721
wavelet-HLL	ngtdm	Complexity	1937.249289
wavelet-HLL	ngtdm	Strength	2.482476045
wavelet-HLL	ngtdm	Contrast	0.064142041
wavelet-HLL	ngtdm	Busyness	0.230432512
wavelet-LHL	gldm	GrayLevelVariance	35.04039847
wavelet-LHL	gldm	HighGrayLevelEmphasis	508.94113
wavelet-LHL	gldm	DependenceEntropy	6.88503432
wavelet-LHL	gldm	DependenceNonUniformity	308.5788226
wavelet-LHL	gldm	GrayLevelNonUniformity	257.3421573
wavelet-LHL	gldm	SmallDependenceEmphasis	0.301559703
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	167.9126555
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.121919724
wavelet-LHL	gldm	LargeDependenceEmphasis	47.10825761
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.098709575
wavelet-LHL	gldm	DependenceVariance	20.51917893
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	23731.77558
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001823327
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.003794038
wavelet-LHL	glcm	JointAverage	21.57400759
wavelet-LHL	glcm	SumAverage	43.14801518
wavelet-LHL	glcm	JointEntropy	7.272012042
wavelet-LHL	glcm	ClusterShade	371.2451613
wavelet-LHL	glcm	MaximumProbability	0.088085633
wavelet-LHL	glcm	Idmn	0.989100981
wavelet-LHL	glcm	JointEnergy	0.027693392
wavelet-LHL	glcm	Contrast	44.28983086
wavelet-LHL	glcm	DifferenceEntropy	3.509283287
wavelet-LHL	glcm	InverseVariance	0.308019232
wavelet-LHL	glcm	DifferenceVariance	27.47391731
wavelet-LHL	glcm	Idn	0.943503987
wavelet-LHL	glcm	Idm	0.357321609
wavelet-LHL	glcm	Correlation	0.21506102
wavelet-LHL	glcm	Autocorrelation	471.7573621
wavelet-LHL	glcm	SumEntropy	4.564835134
wavelet-LHL	glcm	SumSquares	28.46259227
wavelet-LHL	glcm	ClusterProminence	45080.07924
wavelet-LHL	glcm	Imc2	0.818366769
wavelet-LHL	glcm	Imc1	-0.146005099
wavelet-LHL	glcm	DifferenceAverage	4.020803737
wavelet-LHL	glcm	Id	0.420240172
wavelet-LHL	glcm	ClusterTendency	69.56053824
wavelet-LHL	firstorder	InterquartileRange	89.45328266

wavelet-LHL	firstorder	Skewness	0.70617725
wavelet-LHL	firstorder	Uniformity	0.10167608
wavelet-LHL	firstorder	Median	-8.215304102
wavelet-LHL	firstorder	Energy	56251765.01
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	46.90570412
wavelet-LHL	firstorder	MeanAbsoluteDeviation	93.76550059
wavelet-LHL	firstorder	TotalEnergy	1518797655
wavelet-LHL	firstorder	Maximum	958.1422991
wavelet-LHL	firstorder	RootMeanSquared	149.0808995
wavelet-LHL	firstorder	90Percentile	136.7936476
wavelet-LHL	firstorder	Minimum	-541.8945712
wavelet-LHL	firstorder	Entropy	4.137871319
wavelet-LHL	firstorder	Range	1500.03687
wavelet-LHL	firstorder	Variance	21894.04743
wavelet-LHL	firstorder	10Percentile	-194.5660056
wavelet-LHL	firstorder	Kurtosis	7.787587025
wavelet-LHL	firstorder	Mean	-18.19525079
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.003850172
wavelet-LHL	glrlm	GrayLevelVariance	40.6651343
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.00409632
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.077685735
wavelet-LHL	glrlm	RunVariance	0.336673698
wavelet-LHL	glrlm	GrayLevelNonUniformity	165.6296798
wavelet-LHL	glrlm	LongRunEmphasis	1.764497496
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	458.264073
wavelet-LHL	glrlm	RunLengthNonUniformity	1622.373394
wavelet-LHL	glrlm	ShortRunEmphasis	0.893380515
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	893.1544053
wavelet-LHL	glrlm	RunPercentage	0.840136158
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005759425
wavelet-LHL	glrlm	RunEntropy	4.98327678
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	511.0654361
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.760834573
wavelet-LHL	glszm	GrayLevelVariance	75.05045295
wavelet-LHL	glszm	ZoneVariance	546.8955909
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.036684694
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.493171985
wavelet-LHL	glszm	SizeZoneNonUniformity	424.127907
wavelet-LHL	glszm	GrayLevelNonUniformity	31.54883721
wavelet-LHL	glszm	LargeAreaEmphasis	555.5569767
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	418.1157194
wavelet-LHL	glszm	ZonePercentage	0.339786646
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	1.110187108
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	280796.8605
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	550.1383721
wavelet-LHL	glszm	SmallAreaEmphasis	0.729943603
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.006016288
wavelet-LHL	glszm	ZoneEntropy	6.447509441
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.004785798
wavelet-LHL	ngtdm	Coarseness	0.003028883
wavelet-LHL	ngtdm	Complexity	3802.579177
wavelet-LHL	ngtdm	Strength	4.252550222
wavelet-LHL	ngtdm	Contrast	0.083404875
wavelet-LHL	ngtdm	Busyness	0.201427779
wavelet-LHH	gldm	GrayLevelVariance	16.36670251
wavelet-LHH	gldm	HighGrayLevelEmphasis	360.5124457
wavelet-LHH	gldm	DependenceEntropy	6.467681187
wavelet-LHH	gldm	DependenceNonUniformity	253.2323192

wavelet-LHH	gldm	GrayLevelNonUniformity	372.1631766
wavelet-LHH	gldm	SmallDependenceEmphasis	0.26336147
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	104.846554
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.100052279
wavelet-LHH	gldm	LargeDependenceEmphasis	61.87870407
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.186309721
wavelet-LHH	gldm	DependenceVariance	24.39876546
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	20977.855
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002277283
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.004629023
wavelet-LHH	glcm	JointAverage	18.55560795
wavelet-LHH	glcm	SumAverage	37.1112159
wavelet-LHH	glcm	JointEntropy	6.412091433
wavelet-LHH	glcm	ClusterShade	62.48484425
wavelet-LHH	glcm	MaximumProbability	0.122261427
wavelet-LHH	glcm	Idmn	0.986883412
wavelet-LHH	glcm	JointEnergy	0.045852706
wavelet-LHH	glcm	Contrast	28.74451887
wavelet-LHH	glcm	DifferenceEntropy	3.175580225
wavelet-LHH	glcm	InverseVariance	0.348703853
wavelet-LHH	glcm	DifferenceVariance	18.72376099
wavelet-LHH	glcm	Idn	0.940379331
wavelet-LHH	glcm	Idm	0.420202563
wavelet-LHH	glcm	Correlation	-0.008696414
wavelet-LHH	glcm	Autocorrelation	344.1718219
wavelet-LHH	glcm	SumEntropy	3.954373997
wavelet-LHH	glcm	SumSquares	14.23200233
wavelet-LHH	glcm	ClusterProminence	7817.839981
wavelet-LHH	glcm	Imc2	0.743456077
wavelet-LHH	glcm	Imc1	-0.120464114
wavelet-LHH	glcm	DifferenceAverage	3.12117026
wavelet-LHH	glcm	Id	0.474694693
wavelet-LHH	glcm	ClusterTendency	28.18349047
wavelet-LHH	firstorder	InterquartileRange	49.09813644
wavelet-LHH	firstorder	Skewness	0.526358035
wavelet-LHH	firstorder	Uniformity	0.14704195
wavelet-LHH	firstorder	Median	-1.820076458
wavelet-LHH	firstorder	Energy	25572056.31
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	26.53685874
wavelet-LHH	firstorder	MeanAbsoluteDeviation	59.86937283
wavelet-LHH	firstorder	TotalEnergy	690445520.3
wavelet-LHH	firstorder	Maximum	635.9490201
wavelet-LHH	firstorder	RootMeanSquared	100.5163601
wavelet-LHH	firstorder	90Percentile	105.344328
wavelet-LHH	firstorder	Minimum	-445.5375242
wavelet-LHH	firstorder	Entropy	3.572919296
wavelet-LHH	firstorder	Range	1081.486544
wavelet-LHH	firstorder	Variance	10102.38638
wavelet-LHH	firstorder	10Percentile	-94.7670574
wavelet-LHH	firstorder	Kurtosis	9.063611688
wavelet-LHH	firstorder	Mean	1.073434474
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.004626142
wavelet-LHH	glrlm	GrayLevelVariance	19.94217365
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.005026195
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.110821064
wavelet-LHH	glrlm	RunVariance	0.455876684
wavelet-LHH	glrlm	GrayLevelNonUniformity	225.6359975
wavelet-LHH	glrlm	LongRunEmphasis	2.015719815

wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	320.7779201
wavelet-LHH	glrlm	RunLengthNonUniformity	1453.204625
wavelet-LHH	glrlm	ShortRunEmphasis	0.86874647
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	710.4471806
wavelet-LHH	glrlm	RunPercentage	0.802996687
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.008084142
wavelet-LHH	glrlm	RunEntropy	4.590241123
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	365.5497075
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.713662424
wavelet-LHH	glszm	GrayLevelVariance	43.77023772
wavelet-LHH	glszm	ZoneVariance	1028.918899
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.047711191
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.519437234
wavelet-LHH	glszm	SizeZoneNonUniformity	379.7086183
wavelet-LHH	glszm	GrayLevelNonUniformity	34.87688098
wavelet-LHH	glszm	LargeAreaEmphasis	1040.906977
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	303.9510088
wavelet-LHH	glszm	ZonePercentage	0.288818649
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	3.090915148
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	352519.5472
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	399.1778386
wavelet-LHH	glszm	SmallAreaEmphasis	0.748624336
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008290616
wavelet-LHH	glszm	ZoneEntropy	5.989469466
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007313332
wavelet-LHH	ngtdm	Coarseness	0.003223367
wavelet-LHH	ngtdm	Complexity	1753.133763
wavelet-LHH	ngtdm	Strength	2.147249045
wavelet-LHH	ngtdm	Contrast	0.053409353
wavelet-LHH	ngtdm	Busyness	0.274293746
wavelet-LLH	gldm	GrayLevelVariance	35.70212557
wavelet-LLH	gldm	HighGrayLevelEmphasis	1456.494666
wavelet-LLH	gldm	DependenceEntropy	6.828934865
wavelet-LLH	gldm	DependenceNonUniformity	297.9205847
wavelet-LLH	gldm	GrayLevelNonUniformity	285.8723825
wavelet-LLH	gldm	SmallDependenceEmphasis	0.308016715
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	470.6773141
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.117708647
wavelet-LLH	gldm	LargeDependenceEmphasis	57.00474121
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.039142047
wavelet-LLH	gldm	DependenceVariance	25.37244982
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	84445.83564
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000676233
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.001184236
wavelet-LLH	glcm	JointAverage	37.61847208
wavelet-LLH	glcm	SumAverage	75.23694417
wavelet-LLH	glcm	JointEntropy	7.054694447
wavelet-LLH	glcm	ClusterShade	125.839429
wavelet-LLH	glcm	MaximumProbability	0.105523875
wavelet-LLH	glcm	Idmn	0.991740533
wavelet-LLH	glcm	JointEnergy	0.035286756
wavelet-LLH	glcm	Contrast	52.16584829
wavelet-LLH	glcm	DifferenceEntropy	3.501581931
wavelet-LLH	glcm	InverseVariance	0.315926907
wavelet-LLH	glcm	DifferenceVariance	34.6624933
wavelet-LLH	glcm	Idn	0.953117833
wavelet-LLH	glcm	Idm	0.380727125
wavelet-LLH	glcm	Correlation	0.120619241

wavelet-LLH	glcm	Autocorrelation	1418.874976
wavelet-LLH	glcm	SumEntropy	4.474492208
wavelet-LLH	glcm	SumSquares	29.80762861
wavelet-LLH	glcm	ClusterProminence	40749.91476
wavelet-LLH	glcm	Imc2	0.834122196
wavelet-LLH	glcm	Imc1	-0.159071997
wavelet-LLH	glcm	DifferenceAverage	4.10876261
wavelet-LLH	glcm	Id	0.438407062
wavelet-LLH	glcm	ClusterTendency	67.06466613
wavelet-LLH	firstorder	InterquartileRange	87.55512327
wavelet-LLH	firstorder	Skewness	0.442998547
wavelet-LLH	firstorder	Uniformity	0.112948393
wavelet-LLH	firstorder	Median	-7.426633159
wavelet-LLH	firstorder	Energy	57454035
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	44.20456632
wavelet-LLH	firstorder	MeanAbsoluteDeviation	91.98640073
wavelet-LLH	firstorder	TotalEnergy	1551258945
wavelet-LLH	firstorder	Maximum	936.8019378
wavelet-LLH	firstorder	RootMeanSquared	150.665631
wavelet-LLH	firstorder	90Percentile	130.0181019
wavelet-LLH	firstorder	Minimum	-928.1560972
wavelet-LLH	firstorder	Entropy	4.055911218
wavelet-LLH	firstorder	Range	1864.958035
wavelet-LLH	firstorder	Variance	22298.18184
wavelet-LLH	firstorder	10Percentile	-188.0927399
wavelet-LLH	firstorder	Kurtosis	8.334727133
wavelet-LLH	firstorder	Mean	-20.04870367
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001212089
wavelet-LLH	glrlm	GrayLevelVariance	42.63617246
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.001292512
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.082841056
wavelet-LLH	glrlm	RunVariance	0.42984522
wavelet-LLH	glrlm	GrayLevelNonUniformity	172.9515481
wavelet-LLH	glrlm	LongRunEmphasis	1.920265203
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1285.95938
wavelet-LLH	glrlm	RunLengthNonUniformity	1550.485383
wavelet-LLH	glrlm	ShortRunEmphasis	0.884682725
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2809.361076
wavelet-LLH	glrlm	RunPercentage	0.822143877
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001923433
wavelet-LLH	glrlm	RunEntropy	4.995172581
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1454.207429
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.743755984
wavelet-LLH	glszm	GrayLevelVariance	86.11772736
wavelet-LLH	glszm	ZoneVariance	648.7087143
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.034912549
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.55165434
wavelet-LLH	glszm	SizeZoneNonUniformity	468.3545347
wavelet-LLH	glszm	GrayLevelNonUniformity	29.64075383
wavelet-LLH	glszm	LargeAreaEmphasis	657.5959953
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1203.327391
wavelet-LLH	glszm	ZonePercentage	0.335440537
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.445341032
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	975325.0789
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1510.31331
wavelet-LLH	glszm	SmallAreaEmphasis	0.77077442
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002094172
wavelet-LLH	glszm	ZoneEntropy	6.358607678



wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.001896852
wavelet-LLH	ngtdm	Coarseness	0.002900545
wavelet-LLH	ngtdm	Complexity	4834.637013
wavelet-LLH	ngtdm	Strength	5.028495267
wavelet-LLH	ngtdm	Contrast	0.071711339
wavelet-LLH	ngtdm	Busyness	0.103801467
wavelet-LLL	gldm	GrayLevelVariance	365.0513929
wavelet-LLL	gldm	HighGrayLevelEmphasis	7896.698933
wavelet-LLL	gldm	DependenceEntropy	7.559140741
wavelet-LLL	gldm	DependenceNonUniformity	415.8289214
wavelet-LLL	gldm	GrayLevelNonUniformity	156.4168313
wavelet-LLL	gldm	SmallDependenceEmphasis	0.403589894
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2367.180784
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.164294319
wavelet-LLL	gldm	LargeDependenceEmphasis	44.6317661
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005316494
wavelet-LLL	gldm	DependenceVariance	21.60617712
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	424702.5938
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000657458
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.000726707
wavelet-LLL	glcm	JointAverage	90.11253176
wavelet-LLL	glcm	SumAverage	180.2250635
wavelet-LLL	glcm	JointEntropy	8.269223837
wavelet-LLL	glcm	ClusterShade	-49423.55849
wavelet-LLL	glcm	MaximumProbability	0.051968346
wavelet-LLL	glcm	Idmn	0.983423736
wavelet-LLL	glcm	JointEnergy	0.013410386
wavelet-LLL	glcm	Contrast	210.1338595
wavelet-LLL	glcm	DifferenceEntropy	4.251446028
wavelet-LLL	glcm	InverseVariance	0.271155051
wavelet-LLL	glcm	DifferenceVariance	141.1538628
wavelet-LLL	glcm	Idn	0.936676834
wavelet-LLL	glcm	Idm	0.319531389
wavelet-LLL	glcm	Correlation	0.582751712
wavelet-LLL	glcm	Autocorrelation	8270.62899
wavelet-LLL	glcm	SumEntropy	5.593404013
wavelet-LLL	glcm	SumSquares	255.1412152
wavelet-LLL	glcm	ClusterProminence	4997786.718
wavelet-LLL	glcm	Imc2	0.941436472
wavelet-LLL	glcm	Imc1	-0.235801657
wavelet-LLL	glcm	DifferenceAverage	8.209276856
wavelet-LLL	glcm	Id	0.373768033
wavelet-LLL	glcm	ClusterTendency	810.4310015
wavelet-LLL	firstorder	InterquartileRange	429.6804683
wavelet-LLL	firstorder	Skewness	-1.808271926
wavelet-LLL	firstorder	Uniformity	0.061800407
wavelet-LLL	firstorder	Median	51.59760638
wavelet-LLL	firstorder	Energy	671373501.1
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	217.4694723
wavelet-LLL	firstorder	MeanAbsoluteDeviation	362.6852642
wavelet-LLL	firstorder	TotalEnergy	18127084531
wavelet-LLL	firstorder	Maximum	295.3640661
wavelet-LLL	firstorder	RootMeanSquared	515.0341487
wavelet-LLL	firstorder	90Percentile	133.671328
wavelet-LLL	firstorder	Minimum	-2336.390953
wavelet-LLL	firstorder	Entropy	5.067534052
wavelet-LLL	firstorder	Range	2631.755019
wavelet-LLL	firstorder	Variance	228083.2403

wavelet-LLL	firstorder	10Percentile	-960.9178362
wavelet-LLL	firstorder	Kurtosis	5.639750332
wavelet-LLL	firstorder	Mean	-192.8132102
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.000823124
wavelet-LLL	glrlm	GrayLevelVariance	401.9518716
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.000833315
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.046806294
wavelet-LLL	glrlm	RunVariance	0.303144871
wavelet-LLL	glrlm	GrayLevelNonUniformity	101.2839205
wavelet-LLL	glrlm	LongRunEmphasis	1.67786206
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	6722.494331
wavelet-LLL	glrlm	RunLengthNonUniformity	1697.237185
wavelet-LLL	glrlm	ShortRunEmphasis	0.905499752
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	14076.33103
wavelet-LLL	glrlm	RunPercentage	0.853903899
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.000905409
wavelet-LLL	glrlm	RunEntropy	5.886494353
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	7619.014383
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.784741761
wavelet-LLL	glszm	GrayLevelVariance	487.5175981
wavelet-LLL	glszm	ZoneVariance	266.8440413
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016065639
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.687663641
wavelet-LLL	glszm	SizeZoneNonUniformity	740.6137419
wavelet-LLL	glszm	GrayLevelNonUniformity	17.30269266
wavelet-LLL	glszm	LargeAreaEmphasis	272.3667595
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4736.842045
wavelet-LLL	glszm	ZonePercentage	0.425523508
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.029903711
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2606805.236
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5908.141133
wavelet-LLL	glszm	SmallAreaEmphasis	0.854249074
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001555864
wavelet-LLL	glszm	ZoneEntropy	6.924086998
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001532441
wavelet-LLL	ngtdm	Coarseness	0.002512331
wavelet-LLL	ngtdm	Complexity	25639.87462
wavelet-LLL	ngtdm	Strength	25.11468157
wavelet-LLL	ngtdm	Contrast	0.490997574
wavelet-LLL	ngtdm	Busyness	0.030996383
wavelet-HHL	gldm	GrayLevelVariance	6.759672124
wavelet-HHL	gldm	HighGrayLevelEmphasis	189.7732122
wavelet-HHL	gldm	DependenceEntropy	6.256018252
wavelet-HHL	gldm	DependenceNonUniformity	214.898064
wavelet-HHL	gldm	GrayLevelNonUniformity	417.7657053
wavelet-HHL	gldm	SmallDependenceEmphasis	0.197097425
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	40.4606081
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.084906386
wavelet-HHL	gldm	LargeDependenceEmphasis	59.08850257
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.335644295
wavelet-HHL	gldm	DependenceVariance	20.42870289
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	10711.4034
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002414348
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007735978
wavelet-HHL	glcm	JointAverage	13.53540109
wavelet-HHL	glcm	SumAverage	27.07080218
wavelet-HHL	glcm	JointEntropy	5.8655139
wavelet-HHL	glcm	ClusterShade	4.785096771

wavelet-HHL	glcm	MaximumProbability	0.118010326
wavelet-HHL	glcm	Idmn	0.98307755
wavelet-HHL	glcm	JointEnergy	0.047234164
wavelet-HHL	glcm	Contrast	11.91299684
wavelet-HHL	glcm	DifferenceEntropy	2.782799569
wavelet-HHL	glcm	InverseVariance	0.388324651
wavelet-HHL	glcm	DifferenceVariance	6.977721256
wavelet-HHL	glcm	Idn	0.926564526
wavelet-HHL	glcm	Idm	0.446305664
wavelet-HHL	glcm	Correlation	0.01096959
wavelet-HHL	glcm	Autocorrelation	183.2703683
wavelet-HHL	glcm	SumEntropy	3.565334
wavelet-HHL	glcm	SumSquares	6.018603643
wavelet-HHL	glcm	ClusterProminence	1156.710693
wavelet-HHL	glcm	Imc2	0.614965533
wavelet-HHL	glcm	Imc1	-0.080111633
wavelet-HHL	glcm	DifferenceAverage	2.199969797
wavelet-HHL	glcm	Id	0.501025135
wavelet-HHL	glcm	ClusterTendency	12.16141773
wavelet-HHL	firstorder	InterquartileRange	46.0396054
wavelet-HHL	firstorder	Skewness	0.046754204
wavelet-HHL	firstorder	Uniformity	0.165059544
wavelet-HHL	firstorder	Median	-1.80040543
wavelet-HHL	firstorder	Energy	10629566.13
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	22.32440664
wavelet-HHL	firstorder	MeanAbsoluteDeviation	42.52180068
wavelet-HHL	firstorder	TotalEnergy	286998285.6
wavelet-HHL	firstorder	Maximum	298.3977295
wavelet-HHL	firstorder	RootMeanSquared	64.80547476
wavelet-HHL	firstorder	90Percentile	74.16217748
wavelet-HHL	firstorder	Minimum	-321.4312544
wavelet-HHL	firstorder	Entropy	3.182127595
wavelet-HHL	firstorder	Range	619.8289839
wavelet-HHL	firstorder	Variance	4199.152429
wavelet-HHL	firstorder	10Percentile	-63.57718014
wavelet-HHL	firstorder	Kurtosis	6.583148685
wavelet-HHL	firstorder	Mean	0.772741825
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.007387053
wavelet-HHL	glrlm	GrayLevelVariance	8.148513498
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.008217829
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.134567352
wavelet-HHL	glrlm	RunVariance	0.433167035
wavelet-HHL	glrlm	GrayLevelNonUniformity	272.6751026
wavelet-HHL	glrlm	LongRunEmphasis	2.0086491
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	166.0913259
wavelet-HHL	glrlm	RunLengthNonUniformity	1410.949937
wavelet-HHL	glrlm	ShortRunEmphasis	0.859769893
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	375.1233606
wavelet-HHL	glrlm	RunPercentage	0.799319211
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.014041141
wavelet-HHL	glrlm	RunEntropy	4.176633572
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	191.7068377
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.696119382
wavelet-HHL	glszm	GrayLevelVariance	20.97856796
wavelet-HHL	glszm	ZoneVariance	1572.510439
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.069389029
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.445597086
wavelet-HHL	glszm	SizeZoneNonUniformity	236.6120527

wavelet-HHL	glszm	GrayLevelNonUniformity	36.84557439
wavelet-HHL	glszm	LargeAreaEmphasis	1595.229755
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	145.3578889
wavelet-HHL	glszm	ZonePercentage	0.209798499
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	8.912341079
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	288041.3974
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	207.4990584
wavelet-HHL	glszm	SmallAreaEmphasis	0.693438601
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.013060683
wavelet-HHL	glszm	ZoneEntropy	5.644818987
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009471624
wavelet-HHL	ngtdm	Coarseness	0.002940635
wavelet-HHL	ngtdm	Complexity	455.2470715
wavelet-HHL	ngtdm	Strength	0.655571374
wavelet-HHL	ngtdm	Contrast	0.040086597
wavelet-HHL	ngtdm	Busyness	0.691095439
wavelet-HLH	gldm	GrayLevelVariance	10.93147929
wavelet-HLH	gldm	HighGrayLevelEmphasis	320.0715132
wavelet-HLH	gldm	DependenceEntropy	6.296972096
wavelet-HLH	gldm	DependenceNonUniformity	236.4721454
wavelet-HLH	gldm	GrayLevelNonUniformity	393.3524299
wavelet-HLH	gldm	SmallDependenceEmphasis	0.228604729
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	78.29686565
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.093430322
wavelet-HLH	gldm	LargeDependenceEmphasis	61.14302647
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.204397891
wavelet-HLH	gldm	DependenceVariance	22.59124244
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	18657.8226
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002129724
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.004826705
wavelet-HLH	glcm	JointAverage	17.55296867
wavelet-HLH	glcm	SumAverage	35.10593733
wavelet-HLH	glcm	JointEntropy	6.129867962
wavelet-HLH	glcm	ClusterShade	-7.649798305
wavelet-HLH	glcm	MaximumProbability	0.121629677
wavelet-HLH	glcm	Idmn	0.985493004
wavelet-HLH	glcm	JointEnergy	0.048336212
wavelet-HLH	glcm	Contrast	20.09349084
wavelet-HLH	glcm	DifferenceEntropy	2.999121712
wavelet-HLH	glcm	InverseVariance	0.368838003
wavelet-HLH	glcm	DifferenceVariance	12.69154142
wavelet-HLH	glcm	Idn	0.935893647
wavelet-HLH	glcm	Idm	0.434733531
wavelet-HLH	glcm	Correlation	-0.013404751
wavelet-HLH	glcm	Autocorrelation	307.9505867
wavelet-HLH	glcm	SumEntropy	3.758714782
wavelet-HLH	glcm	SumSquares	9.889948723
wavelet-HLH	glcm	ClusterProminence	3372.415322
wavelet-HLH	glcm	Imc2	0.710472442
wavelet-HLH	glcm	Imc1	-0.111144774
wavelet-HLH	glcm	DifferenceAverage	2.680641519
wavelet-HLH	glcm	Id	0.488539947
wavelet-HLH	glcm	ClusterTendency	19.46630406
wavelet-HLH	firstorder	InterquartileRange	47.57513405
wavelet-HLH	firstorder	Skewness	-0.064755505
wavelet-HLH	firstorder	Uniformity	0.15541384
wavelet-HLH	firstorder	Median	-0.186874668
wavelet-HLH	firstorder	Energy	17174177.18

wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	23.66313947
wavelet-HLH	firstorder	MeanAbsoluteDeviation	50.47189584
wavelet-HLH	firstorder	TotalEnergy	463702783.7
wavelet-HLH	firstorder	Maximum	435.0607781
wavelet-HLH	firstorder	RootMeanSquared	82.37433031
wavelet-HLH	firstorder	90Percentile	85.53263037
wavelet-HLH	firstorder	Minimum	-408.1444051
wavelet-HLH	firstorder	Entropy	3.388165349
wavelet-HLH	firstorder	Range	843.2051832
wavelet-HLH	firstorder	Variance	6781.847309
wavelet-HLH	firstorder	10Percentile	-76.03819329
wavelet-HLH	firstorder	Kurtosis	7.772156799
wavelet-HLH	firstorder	Mean	1.919110637
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.004736671
wavelet-HLH	glrlm	GrayLevelVariance	13.30772227
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.005198584
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.121523478
wavelet-HLH	glrlm	RunVariance	0.447738287
wavelet-HLH	glrlm	GrayLevelNonUniformity	246.4094109
wavelet-HLH	glrlm	LongRunEmphasis	2.022680605
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	281.5084164
wavelet-HLH	glrlm	RunLengthNonUniformity	1426.728426
wavelet-HLH	glrlm	ShortRunEmphasis	0.863363526
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	636.2051815
wavelet-HLH	glrlm	RunPercentage	0.799653527
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.008621502
wavelet-HLH	glrlm	RunEntropy	4.397084069
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	323.5062788
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.70337384
wavelet-HLH	glszm	GrayLevelVariance	31.47678624
wavelet-HLH	glszm	ZoneVariance	1221.240124
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.056515153
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.468290869
wavelet-HLH	glszm	SizeZoneNonUniformity	296.4281201
wavelet-HLH	glszm	GrayLevelNonUniformity	35.77409163
wavelet-HLH	glszm	LargeAreaEmphasis	1237.227488
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	246.968507
wavelet-HLH	glszm	ZonePercentage	0.250098775
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	4.085304384
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	376873.9763
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	345.8246445
wavelet-HLH	glszm	SmallAreaEmphasis	0.711092356
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.008923634
wavelet-HLH	glszm	ZoneEntropy	5.894757803
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007759201
wavelet-HLH	ngtdm	Coarseness	0.003134563
wavelet-HLH	ngtdm	Complexity	1019.078129
wavelet-HLH	ngtdm	Strength	1.365279633
wavelet-HLH	ngtdm	Contrast	0.041842208
wavelet-HLH	ngtdm	Busyness	0.34900451

Image type	Feature Class	Feature Name	
general	info	BoundingBox	11: RTSTRUCT: C99-DNU_segment_ITV-RUL-final (0, 0, 5, 16, 28, 6)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	1.9999999999999999)
general	info	MaskHash	24f946a5930e5a3c04b9a76a5f039d1479fd941a
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	2
general	info	VoxelNum	231
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original	shape	Sphericity	0.730380611
original	shape	MinorAxis	28.65980925
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original	shape	SurfaceVolumeRatio	0.359702101
original	shape	Volume	6237
original	shape	MajorAxis	37.85837997
original	shape	SurfaceArea	2243.462003
original	shape	Flatness	0.3885498
original	shape	LeastAxis	14.70986598
original	shape	Maximum2DDiameterColumn	25.63201124
original	shape	Maximum2DDiameterRow	27.65863337
original	gldm	GrayLevelVariance	39.92994884
original	gldm	HighGrayLevelEmphasis	536.004329
original	gldm	DependenceEntropy	5.899111139
original	gldm	DependenceNonUniformity	49.66666667
original	gldm	GrayLevelNonUniformity	16.78354978
original	gldm	SmallDependenceEmphasis	0.440562238
original	gldm	SmallDependenceHighGrayLevelEmphasis	179.8177115
original	gldm	DependenceNonUniformityNormalized	0.215007215
original	gldm	LargeDependenceEmphasis	13.97835498
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.027361085
original	gldm	DependenceVariance	5.439815596
original	gldm	LargeDependenceHighGrayLevelEmphasis	9783.900433
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.006820135
original	gldm	LowGrayLevelEmphasis	0.007960278
original	glcm	JointAverage	23.36885782
original	glcm	SumAverage	46.73771563
original	glcm	JointEntropy	6.829213298
original	glcm	ClusterShade	-707.7741831
original	glcm	MaximumProbability	0.038561633

original	glcm	Idmn	0.966750073
original	glcm	JointEnergy	0.01266987
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original	glcm	InverseVariance	0.245712226
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original	glcm	Idn	0.891993254
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original	glcm	Correlation	0.117996562
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original	glcm	SumSquares	31.50141282
original	glcm	ClusterProminence	20650.09574
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original	glcm	ClusterTendency	70.44094407
original	firstorder	InterquartileRange	198.5
original	firstorder	Skewness	-1.150867795
original	firstorder	Uniformity	0.07265606
original	firstorder	Median	-75
original	firstorder	Energy	9744937
original	firstorder	RobustMeanAbsoluteDeviation	84.85189189
original	firstorder	MeanAbsoluteDeviation	125.297427
original	firstorder	TotalEnergy	263113299
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original	firstorder	RootMeanSquared	205.3920019
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original	firstorder	Minimum	-652
original	firstorder	Entropy	4.189863505
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original	firstorder	Variance	25129.06216
original	firstorder	10Percentile	-393
original	firstorder	Kurtosis	3.724481865
original	firstorder	Mean	-130.6017316
original	glrlm	ShortRunLowGrayLevelEmphasis	0.008377236
original	glrlm	GrayLevelVariance	41.19669533
original	glrlm	LowGrayLevelRunEmphasis	0.008468815
original	glrlm	GrayLevelNonUniformityNormalized	0.067589472
original	glrlm	RunVariance	0.094465342
original	glrlm	GrayLevelNonUniformity	14.46918714
original	glrlm	LongRunEmphasis	1.262848853
original	glrlm	ShortRunHighGrayLevelEmphasis	486.1953036
original	glrlm	RunLengthNonUniformity	185.7979348
original	glrlm	ShortRunEmphasis	0.945288373
original	glrlm	LongRunHighGrayLevelEmphasis	705.3879413
original	glrlm	RunPercentage	0.926073926
original	glrlm	LongRunLowGrayLevelEmphasis	0.008896588
original	glrlm	RunEntropy	4.560632468
original	glrlm	HighGrayLevelRunEmphasis	523.6956526
original	glrlm	RunLengthNonUniformityNormalized	0.867475478
original	glszm	GrayLevelVariance	48.1382283
original	glszm	ZoneVariance	9.939580856
original	glszm	GrayLevelNonUniformityNormalized	0.047116528
original	glszm	SizeZoneNonUniformityNormalized	0.544292509

original	glszm	SizeZoneNonUniformity	63.13793103
original	glszm	GrayLevelNonUniformity	5.465517241
original	glszm	LargeAreaEmphasis	13.90517241
original	glszm	SmallAreaHighGrayLevelEmphasis	292.8655895
original	glszm	ZonePercentage	0.502164502
original	glszm	LargeAreaLowGrayLevelEmphasis	0.033722274
original	glszm	LargeAreaHighGrayLevelEmphasis	9385.146552
original	glszm	HighGrayLevelZoneEmphasis	420.362069
original	glszm	SmallAreaEmphasis	0.764770705
original	glszm	LowGrayLevelZoneEmphasis	0.01397957
original	glszm	ZoneEntropy	5.343653332
original	glszm	SmallAreaLowGrayLevelEmphasis	0.013304306
original	ngtdm	Coarseness	0.019599176
original	ngtdm	Complexity	1413.551256
original	ngtdm	Strength	7.997365647
original	ngtdm	Contrast	0.450783413
original	ngtdm	Busyness	0.06683874
wavelet-HHH	gldm	GrayLevelVariance	9.764921947
wavelet-HHH	gldm	HighGrayLevelEmphasis	120.3333333
wavelet-HHH	gldm	DependenceEntropy	5.525287245
wavelet-HHH	gldm	DependenceNonUniformity	42.74025974
wavelet-HHH	gldm	GrayLevelNonUniformity	26.22943723
wavelet-HHH	gldm	SmallDependenceEmphasis	0.365093739
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	47.17499865
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.185022769
wavelet-HHH	gldm	LargeDependenceEmphasis	13.5974026
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.144743599
wavelet-HHH	gldm	DependenceVariance	4.388411012
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1523.623377
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.020279961
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.026428478
wavelet-HHH	glcm	JointAverage	10.50570447
wavelet-HHH	glcm	SumAverage	21.01140893
wavelet-HHH	glcm	JointEntropy	6.337864383
wavelet-HHH	glcm	ClusterShade	-8.185762534
wavelet-HHH	glcm	MaximumProbability	0.051982383
wavelet-HHH	glcm	ldmn	0.95965251
wavelet-HHH	glcm	JointEnergy	0.017810216
wavelet-HHH	glcm	Contrast	19.00418331
wavelet-HHH	glcm	DifferenceEntropy	3.148914668
wavelet-HHH	glcm	InverseVariance	0.293036575
wavelet-HHH	glcm	DifferenceVariance	8.471413138
wavelet-HHH	glcm	ldn	0.87336907
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wavelet-HHH	glcm	Correlation	-0.056824937
wavelet-HHH	glcm	Autocorrelation	109.8352357
wavelet-HHH	glcm	SumEntropy	3.904453389
wavelet-HHH	glcm	SumSquares	8.963717213
wavelet-HHH	glcm	ClusterProminence	1158.620506
wavelet-HHH	glcm	lmc2	0.843192064
wavelet-HHH	glcm	lmc1	-0.179843038
wavelet-HHH	glcm	DifferenceAverage	3.221770198
wavelet-HHH	glcm	ld	0.375008542
wavelet-HHH	glcm	ClusterTendency	16.85068554
wavelet-HHH	firstorder	InterquartileRange	73.38277688
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wavelet-HHH	firstorder	Uniformity	0.113547347
wavelet-HHH	firstorder	Median	0.464792106
wavelet-HHH	firstorder	Energy	1400400.514
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	33.12357195
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wavelet-HHH	firstorder	Maximum	230.8307358
wavelet-HHH	firstorder	RootMeanSquared	77.86102934
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wavelet-HHH	firstorder	Entropy	3.547740268
wavelet-HHH	firstorder	Range	479.3104099
wavelet-HHH	firstorder	Variance	6062.319849
wavelet-HHH	firstorder	10Percentile	-78.8965424
wavelet-HHH	firstorder	Kurtosis	4.18918579
wavelet-HHH	firstorder	Mean	0.141562613
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.027310577
wavelet-HHH	glrlm	GrayLevelVariance	10.43393668
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.027872075
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.106420415
wavelet-HHH	glrlm	RunVariance	0.095146537
wavelet-HHH	glrlm	GrayLevelNonUniformity	22.66675116
wavelet-HHH	glrlm	LongRunEmphasis	1.27331362
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	114.3443888
wavelet-HHH	glrlm	RunLengthNonUniformity	182.5437597
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	151.7484764
wavelet-HHH	glrlm	RunPercentage	0.921744922
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.030460516
wavelet-HHH	glrlm	RunEntropy	3.960189128
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	120.9926056
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	4099.197802
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	130.2747253
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.052251368
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wavelet-HHH	ngtdm	Coarseness	0.030778904
wavelet-HHH	ngtdm	Complexity	356.8155891
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wavelet-HLL	gldm	GrayLevelVariance	52.02567418
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wavelet-HLL	gldm	DependenceEntropy	5.985178426

wavelet-HLL	gldm	DependenceNonUniformity	72.68831169
wavelet-HLL	gldm	GrayLevelNonUniformity	10.35930736
wavelet-HLL	gldm	SmallDependenceEmphasis	0.506254209
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	135.9850758
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.314668016
wavelet-HLL	gldm	LargeDependenceEmphasis	4.861471861
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.118526457
wavelet-HLL	gldm	DependenceVariance	1.015798055
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	750.8138528
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.017591592
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.031673195
wavelet-HLL	glcm	JointAverage	12.43321909
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wavelet-HLL	glcm	InverseVariance	0.165799324
wavelet-HLL	glcm	DifferenceVariance	28.86021441
wavelet-HLL	glcm	ldn	0.849218737
wavelet-HLL	glcm	ldm	0.157336101
wavelet-HLL	glcm	Correlation	0.250315357
wavelet-HLL	glcm	Autocorrelation	167.7378907
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wavelet-HLL	glcm	SumSquares	50.31284764
wavelet-HLL	glcm	ClusterProminence	47114.03804
wavelet-HLL	glcm	lmc2	0.981188318
wavelet-HLL	glcm	lmc1	-0.358416935
wavelet-HLL	glcm	DifferenceAverage	6.556346257
wavelet-HLL	glcm	ld	0.245873584
wavelet-HLL	glcm	ClusterTendency	126.7315046
wavelet-HLL	firstorder	InterquartileRange	267.2817062
wavelet-HLL	firstorder	Skewness	0.570531555
wavelet-HLL	firstorder	Uniformity	0.044845486
wavelet-HLL	firstorder	Median	-75.39027158
wavelet-HLL	firstorder	Energy	7965697.007
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	109.0193872
wavelet-HLL	firstorder	MeanAbsoluteDeviation	149.2229899
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wavelet-HLL	firstorder	Maximum	460.9962984
wavelet-HLL	firstorder	RootMeanSquared	185.6974336
wavelet-HLL	firstorder	90Percentile	210.524325
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wavelet-HLL	firstorder	Entropy	4.681572994
wavelet-HLL	firstorder	Range	804.2456131
wavelet-HLL	firstorder	Variance	32617.18391
wavelet-HLL	firstorder	10Percentile	-254.1164518
wavelet-HLL	firstorder	Kurtosis	2.53537665
wavelet-HLL	firstorder	Mean	-43.20130688
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.031249135
wavelet-HLL	glrlm	GrayLevelVariance	52.54487476
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.031932302
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.044356763

wavelet-HLL	glrlm	RunVariance	0.040371649
wavelet-HLL	glrlm	GrayLevelNonUniformity	9.86712053
wavelet-HLL	glrlm	LongRunEmphasis	1.119292103
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	212.8909022
wavelet-HLL	glrlm	RunLengthNonUniformity	206.8105519
wavelet-HLL	glrlm	ShortRunEmphasis	0.972118275
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	234.2672973
wavelet-HLL	glrlm	RunPercentage	0.963036963
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.034951694
wavelet-HLL	glrlm	RunEntropy	4.843504822
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	217.0682623
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.929285654
wavelet-HLL	glszm	GrayLevelVariance	56.88510817
wavelet-HLL	glszm	ZoneVariance	1.524102079
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.039802562
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.474690191
wavelet-HLL	glszm	SizeZoneNonUniformity	65.50724638
wavelet-HLL	glszm	GrayLevelNonUniformity	5.492753623
wavelet-HLL	glszm	LargeAreaEmphasis	4.326086957
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	206.1480641
wavelet-HLL	glszm	ZonePercentage	0.597402597
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.11006804
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	705.4347826
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	256.1449275
wavelet-HLL	glszm	SmallAreaEmphasis	0.716121679
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.035038538
wavelet-HLL	glszm	ZoneEntropy	5.725003603
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.025508074
wavelet-HLL	ngtdm	Coarseness	0.024680144
wavelet-HLL	ngtdm	Complexity	1875.839662
wavelet-HLL	ngtdm	Strength	9.000172807
wavelet-HLL	ngtdm	Contrast	0.492772135
wavelet-HLL	ngtdm	Busyness	0.150691506
wavelet-LHL	gldm	GrayLevelVariance	122.2489459
wavelet-LHL	gldm	HighGrayLevelEmphasis	2099.61039
wavelet-LHL	gldm	DependenceEntropy	6.249371011
wavelet-LHL	gldm	DependenceNonUniformity	65.84848485
wavelet-LHL	gldm	GrayLevelNonUniformity	9.12987013
wavelet-LHL	gldm	SmallDependenceEmphasis	0.49204305
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	995.2944108
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.285058376
wavelet-LHL	gldm	LargeDependenceEmphasis	5.683982684
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007927826
wavelet-LHL	gldm	DependenceVariance	1.312081858
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	12279.88745
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005291971
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005571509
wavelet-LHL	glcm	JointAverage	45.00061053
wavelet-LHL	glcm	SumAverage	90.00122106
wavelet-LHL	glcm	JointEntropy	7.589247801
wavelet-LHL	glcm	ClusterShade	-4805.350286
wavelet-LHL	glcm	MaximumProbability	0.017389536
wavelet-LHL	glcm	ldmn	0.974748719
wavelet-LHL	glcm	JointEnergy	0.006134743
wavelet-LHL	glcm	Contrast	187.6272037
wavelet-LHL	glcm	DifferenceEntropy	4.234428478

wavelet-LHL	glcm	InverseVariance	0.159704943
wavelet-LHL	glcm	DifferenceVariance	109.9957524
wavelet-LHL	glcm	Idn	0.911722933
wavelet-LHL	glcm	Idm	0.162640522
wavelet-LHL	glcm	Correlation	0.093691108
wavelet-LHL	glcm	Autocorrelation	2035.695992
wavelet-LHL	glcm	SumEntropy	5.215252561
wavelet-LHL	glcm	SumSquares	104.3320516
wavelet-LHL	glcm	ClusterProminence	414281.1762
wavelet-LHL	glcm	Imc2	0.990734623
wavelet-LHL	glcm	Imc1	-0.4207672
wavelet-LHL	glcm	DifferenceAverage	8.490825915
wavelet-LHL	glcm	Id	0.247843359
wavelet-LHL	glcm	ClusterTendency	229.7010026
wavelet-LHL	firstorder	InterquartileRange	248.497517
wavelet-LHL	firstorder	Skewness	-0.881440982
wavelet-LHL	firstorder	Uniformity	0.039523247
wavelet-LHL	firstorder	Median	-36.19114232
wavelet-LHL	firstorder	Energy	18991860.27
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	108.768558
wavelet-LHL	firstorder	MeanAbsoluteDeviation	191.8987659
wavelet-LHL	firstorder	TotalEnergy	512780227.2
wavelet-LHL	firstorder	Maximum	746.8211551
wavelet-LHL	firstorder	RootMeanSquared	286.7330558
wavelet-LHL	firstorder	90Percentile	173.9739295
wavelet-LHL	firstorder	Minimum	-1152.731397
wavelet-LHL	firstorder	Entropy	5.014402024
wavelet-LHL	firstorder	Range	1899.552552
wavelet-LHL	firstorder	Variance	76524.25844
wavelet-LHL	firstorder	10Percentile	-366.3238497
wavelet-LHL	firstorder	Kurtosis	5.838466627
wavelet-LHL	firstorder	Mean	-75.44260646
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005777651
wavelet-LHL	glrlm	GrayLevelVariance	125.6689677
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005794226
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.038347962
wavelet-LHL	glrlm	RunVariance	0.045332866
wavelet-LHL	glrlm	GrayLevelNonUniformity	8.486712926
wavelet-LHL	glrlm	LongRunEmphasis	1.135759511
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	2026.258341
wavelet-LHL	glrlm	RunLengthNonUniformity	203.567157
wavelet-LHL	glrlm	ShortRunEmphasis	0.968005351
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2390.737333
wavelet-LHL	glrlm	RunPercentage	0.958041958
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005864933
wavelet-LHL	glrlm	RunEntropy	5.211888939
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2096.207324
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.919340083
wavelet-LHL	glszm	GrayLevelVariance	171.2555135
wavelet-LHL	glszm	ZoneVariance	2.871519269
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028625529
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.49342838
wavelet-LHL	glszm	SizeZoneNonUniformity	66.11940299
wavelet-LHL	glszm	GrayLevelNonUniformity	3.835820896
wavelet-LHL	glszm	LargeAreaEmphasis	5.843283582
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1461.71709

wavelet-LHL	glszm	ZonePercentage	0.58008658
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011646612
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	12458.31343
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2055.074627
wavelet-LHL	glszm	SmallAreaEmphasis	0.729141321
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.009215084
wavelet-LHL	glszm	ZoneEntropy	6.112256821
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.009053543
wavelet-LHL	ngtdm	Coarseness	0.026443213
wavelet-LHL	ngtdm	Complexity	7240.873959
wavelet-LHL	ngtdm	Strength	27.39910542
wavelet-LHL	ngtdm	Contrast	0.780805194
wavelet-LHL	ngtdm	Busyness	0.017016185
wavelet-LHH	gldm	GrayLevelVariance	22.10277169
wavelet-LHH	gldm	HighGrayLevelEmphasis	328.5800866
wavelet-LHH	gldm	DependenceEntropy	5.773486096
wavelet-LHH	gldm	DependenceNonUniformity	63.5974026
wavelet-LHH	gldm	GrayLevelNonUniformity	15.77056277
wavelet-LHH	gldm	SmallDependenceEmphasis	0.50772953
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	175.4841903
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.275313431
wavelet-LHH	gldm	LargeDependenceEmphasis	6.783549784
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029774771
wavelet-LHH	gldm	DependenceVariance	1.928299695
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2050.614719
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00717377
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.008986897
wavelet-LHH	glcm	JointAverage	17.51600939
wavelet-LHH	glcm	SumAverage	35.03201879
wavelet-LHH	glcm	JointEntropy	7.139629405
wavelet-LHH	glcm	ClusterShade	-43.18132772
wavelet-LHH	glcm	MaximumProbability	0.027627926
wavelet-LHH	glcm	ldmn	0.961251725
wavelet-LHH	glcm	JointEnergy	0.008874517
wavelet-LHH	glcm	Contrast	43.62798712
wavelet-LHH	glcm	DifferenceEntropy	3.665915909
wavelet-LHH	glcm	InverseVariance	0.208811615
wavelet-LHH	glcm	DifferenceVariance	18.55239388
wavelet-LHH	glcm	ldn	0.873860116
wavelet-LHH	glcm	ldm	0.197985156
wavelet-LHH	glcm	Correlation	-0.03230919
wavelet-LHH	glcm	Autocorrelation	306.2690276
wavelet-LHH	glcm	SumEntropy	4.457502247
wavelet-LHH	glcm	SumSquares	21.25433004
wavelet-LHH	glcm	ClusterProminence	7249.135584
wavelet-LHH	glcm	lmc2	0.94470603
wavelet-LHH	glcm	lmc1	-0.271943274
wavelet-LHH	glcm	DifferenceAverage	4.937446717
wavelet-LHH	glcm	ld	0.289406753
wavelet-LHH	glcm	ClusterTendency	41.38933304
wavelet-LHH	firstorder	InterquartileRange	133.5949234
wavelet-LHH	firstorder	Skewness	-0.168282111
wavelet-LHH	firstorder	Uniformity	0.068270835
wavelet-LHH	firstorder	Median	-7.776567769
wavelet-LHH	firstorder	Energy	3156404.432
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	58.02945163

wavelet-LHH	firstorder	MeanAbsoluteDeviation	88.68307028
wavelet-LHH	firstorder	TotalEnergy	85222919.66
wavelet-LHH	firstorder	Maximum	337.9863221
wavelet-LHH	firstorder	RootMeanSquared	116.8934919
wavelet-LHH	firstorder	90Percentile	152.7866388
wavelet-LHH	firstorder	Minimum	-416.8484019
wavelet-LHH	firstorder	Entropy	4.182288252
wavelet-LHH	firstorder	Range	754.834724
wavelet-LHH	firstorder	Variance	13663.80682
wavelet-LHH	firstorder	10Percentile	-130.9381913
wavelet-LHH	firstorder	Kurtosis	3.918134513
wavelet-LHH	firstorder	Mean	0.530687062
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.009119706
wavelet-LHH	grlm	GrayLevelVariance	22.84419434
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.009248258
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.066324564
wavelet-LHH	grlm	RunVariance	0.050401586
wavelet-LHH	grlm	GrayLevelNonUniformity	14.6134682
wavelet-LHH	grlm	LongRunEmphasis	1.150631696
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	319.2244489
wavelet-LHH	grlm	RunLengthNonUniformity	200.8405595
wavelet-LHH	grlm	ShortRunEmphasis	0.964709137
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	375.4363042
wavelet-LHH	grlm	RunPercentage	0.953712954
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.009793609
wavelet-LHH	grlm	RunEntropy	4.425335768
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	329.8703275
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.911229681
wavelet-LHH	glszm	GrayLevelVariance	32.57881137
wavelet-LHH	glszm	ZoneVariance	5.436812692
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.05294153
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.580193498
wavelet-LHH	glszm	SizeZoneNonUniformity	74.84496124
wavelet-LHH	glszm	GrayLevelNonUniformity	6.829457364
wavelet-LHH	glszm	LargeAreaEmphasis	8.643410853
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	274.8334017
wavelet-LHH	glszm	ZonePercentage	0.558441558
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.039862334
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2659.44186
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	344.6899225
wavelet-LHH	glszm	SmallAreaEmphasis	0.784746786
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.013201969
wavelet-LHH	glszm	ZoneEntropy	5.325349035
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.012379054
wavelet-LHH	ngtdm	Coarseness	0.026341222
wavelet-LHH	ngtdm	Complexity	1205.887531
wavelet-LHH	ngtdm	Strength	6.362867719
wavelet-LHH	ngtdm	Contrast	0.20508028
wavelet-LHH	ngtdm	Busyness	0.069094902
wavelet-LLH	gldm	GrayLevelVariance	54.31869718
wavelet-LLH	gldm	HighGrayLevelEmphasis	811.8787879
wavelet-LLH	gldm	DependenceEntropy	6.087828144
wavelet-LLH	gldm	DependenceNonUniformity	72.11688312
wavelet-LLH	gldm	GrayLevelNonUniformity	11.1038961
wavelet-LLH	gldm	SmallDependenceEmphasis	0.518264791
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	450.1711857

wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.312194299
wavelet-LLH	gldm	LargeDependenceEmphasis	5.25974026
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.012313187
wavelet-LLH	gldm	DependenceVariance	1.277037537
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3997.142857
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005473544
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00619799
wavelet-LLH	glcm	JointAverage	27.33511902
wavelet-LLH	glcm	SumAverage	54.67023805
wavelet-LLH	glcm	JointEntropy	7.529088582
wavelet-LLH	glcm	ClusterShade	176.4928483
wavelet-LLH	glcm	MaximumProbability	0.020098019
wavelet-LLH	glcm	ldmn	0.970221623
wavelet-LLH	glcm	JointEnergy	0.00636837
wavelet-LLH	glcm	Contrast	80.4585563
wavelet-LLH	glcm	DifferenceEntropy	4.023832384
wavelet-LLH	glcm	InverseVariance	0.176498932
wavelet-LLH	glcm	DifferenceVariance	34.6271192
wavelet-LLH	glcm	ldn	0.890404723
wavelet-LLH	glcm	ldm	0.165562729
wavelet-LLH	glcm	Correlation	0.069200701
wavelet-LLH	glcm	Autocorrelation	750.1179825
wavelet-LLH	glcm	SumEntropy	4.996201267
wavelet-LLH	glcm	SumSquares	43.12053327
wavelet-LLH	glcm	ClusterProminence	34505.89428
wavelet-LLH	glcm	lmc2	0.979161817
wavelet-LLH	glcm	lmc1	-0.35153151
wavelet-LLH	glcm	DifferenceAverage	6.613836382
wavelet-LLH	glcm	ld	0.25273141
wavelet-LLH	glcm	ClusterTendency	92.02357678
wavelet-LLH	firstorder	InterquartileRange	178.3523727
wavelet-LLH	firstorder	Skewness	-0.130918653
wavelet-LLH	firstorder	Uniformity	0.048068814
wavelet-LLH	firstorder	Median	-50.58388762
wavelet-LLH	firstorder	Energy	8430661.069
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	84.50380299
wavelet-LLH	firstorder	MeanAbsoluteDeviation	136.0440814
wavelet-LLH	firstorder	TotalEnergy	227627848.9
wavelet-LLH	firstorder	Maximum	482.4594179
wavelet-LLH	firstorder	RootMeanSquared	191.0402268
wavelet-LLH	firstorder	90Percentile	186.4373662
wavelet-LLH	firstorder	Minimum	-724.9519836
wavelet-LLH	firstorder	Entropy	4.733262898
wavelet-LLH	firstorder	Range	1207.411401
wavelet-LLH	firstorder	Variance	34140.40485
wavelet-LLH	firstorder	10Percentile	-261.4921578
wavelet-LLH	firstorder	Kurtosis	4.077282534
wavelet-LLH	firstorder	Mean	-48.53826755
wavelet-LLH	grlm	ShortRunLowGrayLevelEmphasis	0.00634605
wavelet-LLH	grlm	GrayLevelVariance	55.87769664
wavelet-LLH	grlm	LowGrayLevelRunEmphasis	0.006388376
wavelet-LLH	grlm	GrayLevelNonUniformityNormalized	0.046861394
wavelet-LLH	grlm	RunVariance	0.042434206
wavelet-LLH	grlm	GrayLevelNonUniformity	10.4120435
wavelet-LLH	grlm	LongRunEmphasis	1.124700716
wavelet-LLH	grlm	ShortRunHighGrayLevelEmphasis	792.8603362

wavelet-LLH	glrlm	RunLengthNonUniformity	206.0910891
wavelet-LLH	glrlm	ShortRunEmphasis	0.971183214
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	908.6819253
wavelet-LLH	glrlm	RunPercentage	0.961704962
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.006568808
wavelet-LLH	glrlm	RunEntropy	4.923235904
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	814.3071209
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.927167398
wavelet-LLH	glszm	GrayLevelVariance	77.65811224
wavelet-LLH	glszm	ZoneVariance	2.413214286
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.035918367
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.504387755
wavelet-LLH	glszm	SizeZoneNonUniformity	70.61428571
wavelet-LLH	glszm	GrayLevelNonUniformity	5.028571429
wavelet-LLH	glszm	LargeAreaEmphasis	5.135714286
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	652.9672787
wavelet-LLH	glszm	ZonePercentage	0.606060606
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.015227895
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	3902.857143
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	849.3071429
wavelet-LLH	glszm	SmallAreaEmphasis	0.737145773
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.009266944
wavelet-LLH	glszm	ZoneEntropy	5.882550206
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.008853207
wavelet-LLH	ngtdm	Coarseness	0.027529078
wavelet-LLH	ngtdm	Complexity	3052.714214
wavelet-LLH	ngtdm	Strength	13.43199533
wavelet-LLH	ngtdm	Contrast	0.380532101
wavelet-LLH	ngtdm	Busyness	0.033418537
wavelet-LLL	gldm	GrayLevelVariance	251.6175859
wavelet-LLL	gldm	HighGrayLevelEmphasis	2230.134199
wavelet-LLL	gldm	DependenceEntropy	6.304798746
wavelet-LLL	gldm	DependenceNonUniformity	112.5151515
wavelet-LLL	gldm	GrayLevelNonUniformity	5.277056277
wavelet-LLL	gldm	SmallDependenceEmphasis	0.720328283
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1435.44718
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.487078578
wavelet-LLL	gldm	LargeDependenceEmphasis	2.766233766
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.00631917
wavelet-LLL	gldm	DependenceVariance	0.561458743
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	7689.415584
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00512495
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005324473
wavelet-LLL	glcm	JointAverage	47.75744321
wavelet-LLL	glcm	SumAverage	95.51488642
wavelet-LLL	glcm	JointEntropy	7.991381045
wavelet-LLL	glcm	ClusterShade	-6272.702775
wavelet-LLL	glcm	MaximumProbability	0.010868173
wavelet-LLL	glcm	Idmn	0.960349625
wavelet-LLL	glcm	JointEnergy	0.004203616
wavelet-LLL	glcm	Contrast	306.0198437
wavelet-LLL	glcm	DifferenceEntropy	4.914155215
wavelet-LLL	glcm	InverseVariance	0.087556644
wavelet-LLL	glcm	DifferenceVariance	109.2212464
wavelet-LLL	glcm	Idn	0.867890662
wavelet-LLL	glcm	Idm	0.082236096



wavelet-LLL	glcm	Correlation	0.272242135
wavelet-LLL	glcm	Autocorrelation	2337.227908
wavelet-LLL	glcm	SumEntropy	5.895638265
wavelet-LLL	glcm	SumSquares	209.0614259
wavelet-LLL	glcm	ClusterProminence	756619.4066
wavelet-LLL	glcm	Imc2	0.998729605
wavelet-LLL	glcm	Imc1	-0.546303107
wavelet-LLL	glcm	DifferenceAverage	13.75479402
wavelet-LLL	glcm	Id	0.152739808
wavelet-LLL	glcm	ClusterTendency	530.2258597
wavelet-LLL	firstorder	InterquartileRange	602.5466147
wavelet-LLL	firstorder	Skewness	-0.320453233
wavelet-LLL	firstorder	Uniformity	0.022844399
wavelet-LLL	firstorder	Median	-348.6354148
wavelet-LLL	firstorder	Energy	78175014.12
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	250.1279107
wavelet-LLL	firstorder	MeanAbsoluteDeviation	332.9098958
wavelet-LLL	firstorder	TotalEnergy	2110725381
wavelet-LLL	firstorder	Maximum	525.6252689
wavelet-LLL	firstorder	RootMeanSquared	581.7387511
wavelet-LLL	firstorder	90Percentile	22.95753934
wavelet-LLL	firstorder	Minimum	-1511.927388
wavelet-LLL	firstorder	Entropy	5.701897795
wavelet-LLL	firstorder	Range	2037.552657
wavelet-LLL	firstorder	Variance	157426.3674
wavelet-LLL	firstorder	10Percentile	-972.4165224
wavelet-LLL	firstorder	Kurtosis	2.42144086
wavelet-LLL	firstorder	Mean	-425.4334344
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005405754
wavelet-LLL	glrlm	GrayLevelVariance	251.7229985
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.00541446
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.022619827
wavelet-LLL	glrlm	RunVariance	0.01932626
wavelet-LLL	glrlm	GrayLevelNonUniformity	5.128017208
wavelet-LLL	glrlm	LongRunEmphasis	1.058089761
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2172.768747
wavelet-LLL	glrlm	RunLengthNonUniformity	218.4378537
wavelet-LLL	glrlm	ShortRunEmphasis	0.98586256
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2388.082498
wavelet-LLL	glrlm	RunPercentage	0.981351981
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005450784
wavelet-LLL	glrlm	RunEntropy	5.776636545
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2215.516105
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.963351563
wavelet-LLL	glszm	GrayLevelVariance	250.911999
wavelet-LLL	glszm	ZoneVariance	0.553524007
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.021580538
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.700070205
wavelet-LLL	glszm	SizeZoneNonUniformity	126.7127072
wavelet-LLL	glszm	GrayLevelNonUniformity	3.906077348
wavelet-LLL	glszm	LargeAreaEmphasis	2.182320442
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	1671.993561
wavelet-LLL	glszm	ZonePercentage	0.783549784
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.00726917
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5687.39779
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2044.270718

wavelet-LLL	glszm	SmallAreaEmphasis	0.861032028
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006612528
wavelet-LLL	glszm	ZoneEntropy	6.120857421
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006497855
wavelet-LLL	ngtdm	Coarseness	0.022751204
wavelet-LLL	ngtdm	Complexity	17155.09372
wavelet-LLL	ngtdm	Strength	39.54325373
wavelet-LLL	ngtdm	Contrast	1.117455649
wavelet-LLL	ngtdm	Busyness	0.015378023
wavelet-HHL	gldm	GrayLevelVariance	21.48809055
wavelet-HHL	gldm	HighGrayLevelEmphasis	244.2857143
wavelet-HHL	gldm	DependenceEntropy	5.756369722
wavelet-HHL	gldm	DependenceNonUniformity	56.62770563
wavelet-HHL	gldm	GrayLevelNonUniformity	17.06060606
wavelet-HHL	gldm	SmallDependenceEmphasis	0.446636728
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	112.5601913
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.245141583
wavelet-HHL	gldm	LargeDependenceEmphasis	8.220779221
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.046010714
wavelet-HHL	gldm	DependenceVariance	2.406626562
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1933.428571
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007521375
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010750468
wavelet-HHL	glcm	JointAverage	14.80629136
wavelet-HHL	glcm	SumAverage	29.61258272
wavelet-HHL	glcm	JointEntropy	6.968625125
wavelet-HHL	glcm	ClusterShade	136.8799987
wavelet-HHL	glcm	MaximumProbability	0.029876867
wavelet-HHL	glcm	Idmn	0.969048869
wavelet-HHL	glcm	JointEnergy	0.010483391
wavelet-HHL	glcm	Contrast	39.67469834
wavelet-HHL	glcm	DifferenceEntropy	3.559312048
wavelet-HHL	glcm	InverseVariance	0.237495149
wavelet-HHL	glcm	DifferenceVariance	18.97274645
wavelet-HHL	glcm	Idn	0.89011244
wavelet-HHL	glcm	Idm	0.225556904
wavelet-HHL	glcm	Correlation	-0.00668302
wavelet-HHL	glcm	Autocorrelation	219.173446
wavelet-HHL	glcm	SumEntropy	4.366414575
wavelet-HHL	glcm	SumSquares	19.76479545
wavelet-HHL	glcm	ClusterProminence	9273.141535
wavelet-HHL	glcm	Imc2	0.934358361
wavelet-HHL	glcm	Imc1	-0.260507646
wavelet-HHL	glcm	DifferenceAverage	4.505566206
wavelet-HHL	glcm	Id	0.31441465
wavelet-HHL	glcm	ClusterTendency	39.38448345
wavelet-HHL	firstorder	InterquartileRange	117.5983139
wavelet-HHL	firstorder	Skewness	0.580665673
wavelet-HHL	firstorder	Uniformity	0.073855437
wavelet-HHL	firstorder	Median	4.955052973
wavelet-HHL	firstorder	Energy	3123840.897
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	52.26815226
wavelet-HHL	firstorder	MeanAbsoluteDeviation	83.94241273
wavelet-HHL	firstorder	TotalEnergy	84343704.23
wavelet-HHL	firstorder	Maximum	467.6571907
wavelet-HHL	firstorder	RootMeanSquared	116.2889538

wavelet-HHL	firstorder	90Percentile	139.2976918
wavelet-HHL	firstorder	Minimum	-337.2540406
wavelet-HHL	firstorder	Entropy	4.089185461
wavelet-HHL	firstorder	Range	804.9112313
wavelet-HHL	firstorder	Variance	13432.89137
wavelet-HHL	firstorder	10Percentile	-125.3067145
wavelet-HHL	firstorder	Kurtosis	5.27393404
wavelet-HHL	firstorder	Mean	9.498915628
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010851173
wavelet-HHL	glrlm	GrayLevelVariance	22.2661719
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.011070908
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.071219962
wavelet-HHL	glrlm	RunVariance	0.058948486
wavelet-HHL	glrlm	GrayLevelNonUniformity	15.56054381
wavelet-HHL	glrlm	LongRunEmphasis	1.178478311
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	235.073751
wavelet-HHL	glrlm	RunLengthNonUniformity	195.9463286
wavelet-HHL	glrlm	ShortRunEmphasis	0.958117977
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	286.6821862
wavelet-HHL	glrlm	RunPercentage	0.945720946
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.011996193
wavelet-HHL	glrlm	RunEntropy	4.364891008
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	244.8730946
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.896128608
wavelet-HHL	glszm	GrayLevelVariance	31.98568193
wavelet-HHL	glszm	ZoneVariance	9.272846811
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.056907006
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.50135145
wavelet-HHL	glszm	SizeZoneNonUniformity	58.65811966
wavelet-HHL	glszm	GrayLevelNonUniformity	6.658119658
wavelet-HHL	glszm	LargeAreaEmphasis	13.17094017
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	187.0233149
wavelet-HHL	glszm	ZonePercentage	0.506493506
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.0732915
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	3056.820513
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	253.4102564
wavelet-HHL	glszm	SmallAreaEmphasis	0.735158755
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.015828257
wavelet-HHL	glszm	ZoneEntropy	5.353593113
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01394356
wavelet-HHL	ngtdm	Coarseness	0.027614279
wavelet-HHL	ngtdm	Complexity	1031.739542
wavelet-HHL	ngtdm	Strength	6.477405402
wavelet-HHL	ngtdm	Contrast	0.214197701
wavelet-HHL	ngtdm	Busyness	0.084347397
wavelet-HLH	gldm	GrayLevelVariance	14.67082701
wavelet-HLH	gldm	HighGrayLevelEmphasis	256.7359307
wavelet-HLH	gldm	DependenceEntropy	5.745029987
wavelet-HLH	gldm	DependenceNonUniformity	50.98268398
wavelet-HLH	gldm	GrayLevelNonUniformity	18.82683983
wavelet-HLH	gldm	SmallDependenceEmphasis	0.405051634
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	103.348462
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.22070426
wavelet-HLH	gldm	LargeDependenceEmphasis	8.722943723
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.043580006
wavelet-HLH	gldm	DependenceVariance	2.177320515

wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2180.069264
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wavelet-HLH	glcm	JointAverage	15.55001908
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wavelet-HLH	glcm	ClusterShade	-58.99124796
wavelet-HLH	glcm	MaximumProbability	0.027789619
wavelet-HLH	glcm	ldmn	0.962907816
wavelet-HLH	glcm	JointEnergy	0.009985644
wavelet-HLH	glcm	Contrast	31.25074709
wavelet-HLH	glcm	DifferenceEntropy	3.463658331
wavelet-HLH	glcm	InverseVariance	0.226674492
wavelet-HLH	glcm	DifferenceVariance	13.00932904
wavelet-HLH	glcm	ldn	0.875746991
wavelet-HLH	glcm	ldm	0.228309343
wavelet-HLH	glcm	Correlation	-0.046510139
wavelet-HLH	glcm	Autocorrelation	241.1176663
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wavelet-HLH	glcm	SumSquares	14.91260475
wavelet-HLH	glcm	ClusterProminence	3336.333259
wavelet-HLH	glcm	lmc2	0.892157422
wavelet-HLH	glcm	lmc1	-0.206580391
wavelet-HLH	glcm	DifferenceAverage	4.210475305
wavelet-HLH	glcm	ld	0.319129884
wavelet-HLH	glcm	ClusterTendency	28.39967192
wavelet-HLH	firstorder	InterquartileRange	113.4235701
wavelet-HLH	firstorder	Skewness	-0.370351809
wavelet-HLH	firstorder	Uniformity	0.081501471
wavelet-HLH	firstorder	Median	5.247223953
wavelet-HLH	firstorder	Energy	2096097.389
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	47.24420053
wavelet-HLH	firstorder	MeanAbsoluteDeviation	72.0571906
wavelet-HLH	firstorder	TotalEnergy	56594629.49
wavelet-HLH	firstorder	Maximum	290.4920464
wavelet-HLH	firstorder	RootMeanSquared	95.25762263
wavelet-HLH	firstorder	90Percentile	110.6465062
wavelet-HLH	firstorder	Minimum	-358.6315289
wavelet-HLH	firstorder	Entropy	3.883735056
wavelet-HLH	firstorder	Range	649.1235753
wavelet-HLH	firstorder	Variance	9071.233768
wavelet-HLH	firstorder	10Percentile	-122.301715
wavelet-HLH	firstorder	Kurtosis	4.0041231
wavelet-HLH	firstorder	Mean	1.667603439
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.010040968
wavelet-HLH	glrlm	GrayLevelVariance	15.24920393
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.010240217
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.079520253
wavelet-HLH	glrlm	RunVariance	0.066834323
wavelet-HLH	glrlm	GrayLevelNonUniformity	17.27041463
wavelet-HLH	glrlm	LongRunEmphasis	1.199857245
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	245.3851663
wavelet-HLH	glrlm	RunLengthNonUniformity	192.6241543
wavelet-HLH	glrlm	ShortRunEmphasis	0.954052871
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	307.3399108
wavelet-HLH	glrlm	RunPercentage	0.94005994

wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.011113164
wavelet-HLH	glrlm	RunEntropy	4.192371156
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	257.0160558
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.886383943
wavelet-HLH	glszm	GrayLevelVariance	24.11843829
wavelet-HLH	glszm	ZoneVariance	6.937374443
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.061926806
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.465630186
wavelet-HLH	glszm	SizeZoneNonUniformity	49.82242991
wavelet-HLH	glszm	GrayLevelNonUniformity	6.626168224
wavelet-HLH	glszm	LargeAreaEmphasis	11.59813084
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	178.8218952
wavelet-HLH	glszm	ZonePercentage	0.463203463
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.062749409
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2846.280374
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	257.0373832
wavelet-HLH	glszm	SmallAreaEmphasis	0.708478376
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.016316466
wavelet-HLH	glszm	ZoneEntropy	5.351351805
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015055768
wavelet-HLH	ngtdm	Coarseness	0.027096054
wavelet-HLH	ngtdm	Complexity	601.3381572
wavelet-HLH	ngtdm	Strength	4.038445389
wavelet-HLH	ngtdm	Contrast	0.195695289
wavelet-HLH	ngtdm	Busyness	0.103723313

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	c82
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
general	info	VoxelNum	1
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original	shape	MinorAxis	0.786689359
original	shape	Elongation	18.8755446
original	shape	SurfaceVolumeRatio	0.694312721
original	shape	Volume	0.342042528
original	shape	MajorAxis	5805
original	shape	SurfaceArea	27.18594092
original	shape	Flatness	1985.556875
original	shape	LeastAxis	0.660102037
original	shape	Maximum2DDiameterColumn	17.94549499
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original	gldm	HighGrayLevelEmphasis	107.5557382
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original	gldm	DependenceNonUniformity	6.015602418
original	gldm	GrayLevelNonUniformity	61.45581395
original	gldm	SmallDependenceEmphasis	12.35813953
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.54425527
original	gldm	DependenceNonUniformityNormalized	313.4854314
original	gldm	LargeDependenceEmphasis	0.285840995
original	gldm	LargeDependenceLowGrayLevelEmphasis	14.88837209
original	gldm	DependenceVariance	0.026141991
original	gldm	LargeDependenceHighGrayLevelEmphasis	7.434202271
			17735.27907

original	gldm	SmallDependenceLowGrayLevelEmphasis	0.011666214
original	gldm	LowGrayLevelEmphasis	0.012605287
original	glcm	JointAverage	28.15505632
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original	glcm	JointEntropy	7.138833135
original	glcm	ClusterShade	-3312.961699
original	glcm	MaximumProbability	0.052450563
original	glcm	ldmn	0.927254848
original	glcm	JointEnergy	0.011596924
original	glcm	Contrast	146.6558781
original	glcm	DifferenceEntropy	4.306767469
original	glcm	InverseVariance	0.197309904
original	glcm	DifferenceVariance	74.21802336
original	glcm	ldn	0.845687062
original	glcm	ldm	0.212451054
original	glcm	Correlation	0.221047242
original	glcm	Autocorrelation	814.5517165
original	glcm	SumEntropy	5.16196004
original	glcm	SumSquares	94.98540785
original	glcm	ClusterProminence	165834.0624
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original	glcm	DifferenceAverage	8.463862746
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original	glcm	ClusterTendency	233.2857533
original	firstorder	InterquartileRange	379.5
original	firstorder	Skewness	-0.909745935
original	firstorder	Uniformity	0.057479719
original	firstorder	Median	-108
original	firstorder	Energy	23400458
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original	firstorder	MeanAbsoluteDeviation	218.0704813
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original	firstorder	Maximum	114
original	firstorder	RootMeanSquared	329.9080774
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original	firstorder	Entropy	4.63829808
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original	firstorder	Variance	67246.10851
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original	firstorder	Kurtosis	2.576949405
original	firstorder	Mean	-203.944186
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original	glrlm	LowGrayLevelRunEmphasis	0.013417957
original	glrlm	GrayLevelNonUniformityNormalized	0.050254428
original	glrlm	RunVariance	0.085412617
original	glrlm	GrayLevelNonUniformity	10.09032239
original	glrlm	LongRunEmphasis	1.234056097
original	glrlm	ShortRunHighGrayLevelEmphasis	721.9713603
original	glrlm	RunLengthNonUniformity	177.2168781

original	glrlm	ShortRunEmphasis	0.951995037
original	glrlm	LongRunHighGrayLevelEmphasis	1056.933665
original	glrlm	RunPercentage	0.933452594
original	glrlm	LongRunLowGrayLevelEmphasis	0.013703048
original	glrlm	RunEntropy	4.974626358
original	glrlm	HighGrayLevelRunEmphasis	778.5797797
original	glrlm	RunLengthNonUniformityNormalized	0.88259126
original	glszm	GrayLevelVariance	109.7686155
original	glszm	ZoneVariance	9.031682063
original	glszm	GrayLevelNonUniformityNormalized	0.034410069
original	glszm	SizeZoneNonUniformityNormalized	0.657759316
original	glszm	SizeZoneNonUniformity	83.53543307
original	glszm	GrayLevelNonUniformity	4.37007874
original	glszm	LargeAreaEmphasis	11.8976378
original	glszm	SmallAreaHighGrayLevelEmphasis	446.7719287
original	glszm	ZonePercentage	0.590697674
original	glszm	LargeAreaLowGrayLevelEmphasis	0.030810645
original	glszm	LargeAreaHighGrayLevelEmphasis	14012.51181
original	glszm	HighGrayLevelZoneEmphasis	591.3464567
original	glszm	SmallAreaEmphasis	0.834559229
original	glszm	LowGrayLevelZoneEmphasis	0.020126311
original	glszm	ZoneEntropy	5.536104672
original	glszm	SmallAreaLowGrayLevelEmphasis	0.019514999
original	ngtdm	Coarseness	0.015321535
original	ngtdm	Complexity	4169.292972
original	ngtdm	Strength	13.47948911
original	ngtdm	Contrast	1.101302878
original	ngtdm	Busyness	0.052858024
wavelet-HHH	gldm	GrayLevelVariance	20.78213088
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wavelet-HHH	gldm	DependenceNonUniformity	54.91627907
wavelet-HHH	gldm	GrayLevelNonUniformity	16.46046512
wavelet-HHH	gldm	SmallDependenceEmphasis	0.44020801
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	118.9374599
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.255424554
wavelet-HHH	gldm	LargeDependenceEmphasis	6.711627907
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.035901593
wavelet-HHH	gldm	DependenceVariance	1.538647918
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1718.376744
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008892259
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.011374722
wavelet-HHH	glcm	JointAverage	15.52732593
wavelet-HHH	glcm	SumAverage	31.05465186
wavelet-HHH	glcm	JointEntropy	7.051325141
wavelet-HHH	glcm	ClusterShade	13.52916679
wavelet-HHH	glcm	MaximumProbability	0.026339388
wavelet-HHH	glcm	ldmn	0.967886495
wavelet-HHH	glcm	JointEnergy	0.009388143
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wavelet-HHH	glcm	DifferenceEntropy	3.637515718
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wavelet-HHH	glcm	DifferenceVariance	16.34940349
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wavelet-HHH	glcm	Idm	0.199174162
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wavelet-HHH	glcm	ClusterProminence	5510.922962
wavelet-HHH	glcm	Imc2	0.932659387
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wavelet-HHH	glcm	DifferenceAverage	4.784318995
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wavelet-HHH	glcm	ClusterTendency	37.30498438
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wavelet-HHH	firstorder	Uniformity	0.076560303
wavelet-HHH	firstorder	Median	-2.676254479
wavelet-HHH	firstorder	Energy	2729972.158
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	51.5133165
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wavelet-HHH	firstorder	Maximum	431.1727787
wavelet-HHH	firstorder	RootMeanSquared	112.6833835
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wavelet-HHH	firstorder	Entropy	4.079556201
wavelet-HHH	firstorder	Range	783.6172215
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wavelet-HHH	firstorder	Kurtosis	4.338109872
wavelet-HHH	firstorder	Mean	1.657203509
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.011582752
wavelet-HHH	glrlm	GrayLevelVariance	21.50437523
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.01173883
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.074525955
wavelet-HHH	glrlm	RunVariance	0.060090044
wavelet-HHH	glrlm	GrayLevelNonUniformity	15.23754115
wavelet-HHH	glrlm	LongRunEmphasis	1.166402692
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	254.7823905
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wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	306.8320626
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.012457207
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wavelet-HHH	ngtdm	Coarseness	0.030134098
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wavelet-HLL	gldm	GrayLevelVariance	113.0889346
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wavelet-HLL	gldm	LargeDependenceEmphasis	3.790697674
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wavelet-HLL	glcm	ldmn	0.937749709
wavelet-HLL	glcm	JointEnergy	0.004610557
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wavelet-HLL	glcm	InverseVariance	0.095221559
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wavelet-HLL	glcm	ldm	0.096166201
wavelet-HLL	glcm	Correlation	0.112099168
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wavelet-HLL	glcm	ClusterProminence	164550.4024
wavelet-HLL	glcm	lmc2	0.996701721
wavelet-HLL	glcm	lmc1	-0.484675501
wavelet-HLL	glcm	DifferenceAverage	10.70206181
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wavelet-HLL	glcm	ClusterTendency	240.2404487
wavelet-HLL	firstorder	InterquartileRange	376.8260685
wavelet-HLL	firstorder	Skewness	0.171464127
wavelet-HLL	firstorder	Uniformity	0.029616009
wavelet-HLL	firstorder	Median	-70.68592052
wavelet-HLL	firstorder	Energy	15641568.17
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	156.0559017
wavelet-HLL	firstorder	MeanAbsoluteDeviation	217.3652411
wavelet-HLL	firstorder	TotalEnergy	422322340.6
wavelet-HLL	firstorder	Maximum	578.9192523
wavelet-HLL	firstorder	RootMeanSquared	269.7248225
wavelet-HLL	firstorder	90Percentile	350.5108479
wavelet-HLL	firstorder	Minimum	-631.5115236
wavelet-HLL	firstorder	Entropy	5.257523319
wavelet-HLL	firstorder	Range	1210.430776
wavelet-HLL	firstorder	Variance	70738.16444
wavelet-HLL	firstorder	10Percentile	-372.7635856
wavelet-HLL	firstorder	Kurtosis	2.423672285
wavelet-HLL	firstorder	Mean	-44.86998342
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.009876403
wavelet-HLL	glrlm	GrayLevelVariance	114.4765111
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.009923682
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.029267706
wavelet-HLL	glrlm	RunVariance	0.024690801
wavelet-HLL	glrlm	GrayLevelNonUniformity	6.141748733
wavelet-HLL	glrlm	LongRunEmphasis	1.074644531
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	714.8585316
wavelet-HLL	glrlm	RunLengthNonUniformity	199.9643354
wavelet-HLL	glrlm	ShortRunEmphasis	0.981749781
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	772.5246974
wavelet-HLL	glrlm	RunPercentage	0.976028623
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010116904
wavelet-HLL	glrlm	RunEntropy	5.359303003
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	726.2602723
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.952773324
wavelet-HLL	glszm	GrayLevelVariance	127.3977915
wavelet-HLL	glszm	ZoneVariance	0.933781975
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.027439024
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.70233492
wavelet-HLL	glszm	SizeZoneNonUniformity	115.1829268
wavelet-HLL	glszm	GrayLevelNonUniformity	4.5
wavelet-HLL	glszm	LargeAreaEmphasis	2.652439024
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	668.7718598
wavelet-HLL	glszm	ZonePercentage	0.762790698
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.015988196
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1731.823171
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	757.5914634
wavelet-HLL	glszm	SmallAreaEmphasis	0.862297595
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.011893064
wavelet-HLL	glszm	ZoneEntropy	5.81559292
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.011427942
wavelet-HLL	ngtdm	Coarseness	0.024444374

wavelet-HLL	ngtdm	Complexity	6529.121883
wavelet-HLL	ngtdm	Strength	16.98621509
wavelet-HLL	ngtdm	Contrast	0.816301536
wavelet-HLL	ngtdm	Busyness	0.043853732
wavelet-LHL	gldm	GrayLevelVariance	119.8125257
wavelet-LHL	gldm	HighGrayLevelEmphasis	1125.734884
wavelet-LHL	gldm	DependenceEntropy	6.172270671
wavelet-LHL	gldm	DependenceNonUniformity	103.4465116
wavelet-LHL	gldm	GrayLevelNonUniformity	6.181395349
wavelet-LHL	gldm	SmallDependenceEmphasis	0.714640827
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	821.8632933
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.481146566
wavelet-LHL	gldm	LargeDependenceEmphasis	2.962790698
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008784824
wavelet-LHL	gldm	DependenceVariance	0.677771769
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3121.297674
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00619859
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.006535293
wavelet-LHL	glcm	JointAverage	31.17436469
wavelet-LHL	glcm	SumAverage	62.34872937
wavelet-LHL	glcm	JointEntropy	7.893134933
wavelet-LHL	glcm	ClusterShade	59.21729754
wavelet-LHL	glcm	MaximumProbability	0.011715871
wavelet-LHL	glcm	ldmn	0.94780255
wavelet-LHL	glcm	JointEnergy	0.004537953
wavelet-LHL	glcm	Contrast	218.984701
wavelet-LHL	glcm	DifferenceEntropy	4.640371927
wavelet-LHL	glcm	InverseVariance	0.106221318
wavelet-LHL	glcm	DifferenceVariance	83.8249802
wavelet-LHL	glcm	ldn	0.853562922
wavelet-LHL	glcm	ldm	0.095020268
wavelet-LHL	glcm	Correlation	0.028209606
wavelet-LHL	glcm	Autocorrelation	974.6575488
wavelet-LHL	glcm	SumEntropy	5.506018838
wavelet-LHL	glcm	SumSquares	112.211356
wavelet-LHL	glcm	ClusterProminence	177864.4169
wavelet-LHL	glcm	lmc2	0.99736349
wavelet-LHL	glcm	lmc1	-0.500420644
wavelet-LHL	glcm	DifferenceAverage	11.26664968
wavelet-LHL	glcm	ld	0.172684587
wavelet-LHL	glcm	ClusterTendency	229.8607231
wavelet-LHL	firstorder	InterquartileRange	358.4749068
wavelet-LHL	firstorder	Skewness	-0.072898436
wavelet-LHL	firstorder	Uniformity	0.028750676
wavelet-LHL	firstorder	Median	-50.30404012
wavelet-LHL	firstorder	Energy	16462346.45
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	147.3707932
wavelet-LHL	firstorder	MeanAbsoluteDeviation	215.4565655
wavelet-LHL	firstorder	TotalEnergy	444483354.1
wavelet-LHL	firstorder	Maximum	630.4834123
wavelet-LHL	firstorder	RootMeanSquared	276.7111368
wavelet-LHL	firstorder	90Percentile	310.1602137

wavelet-LHL	firstorder	Minimum	-805.1336516
wavelet-LHL	firstorder	Entropy	5.352620726
wavelet-LHL	firstorder	Range	1435.617064
wavelet-LHL	firstorder	Variance	74616.82315
wavelet-LHL	firstorder	10Percentile	-427.4046958
wavelet-LHL	firstorder	Kurtosis	2.77716261
wavelet-LHL	firstorder	Mean	-44.1840481
wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.006626624
wavelet-LHL	grlm	GrayLevelVariance	121.4404008
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.006643865
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.02841005
wavelet-LHL	grlm	RunVariance	0.020399036
wavelet-LHL	grlm	GrayLevelNonUniformity	5.988151885
wavelet-LHL	grlm	LongRunEmphasis	1.061316615
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	1111.97155
wavelet-LHL	grlm	RunLengthNonUniformity	202.6721647
wavelet-LHL	grlm	ShortRunEmphasis	0.985079794
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	1190.900987
wavelet-LHL	grlm	RunPercentage	0.980322004
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.006715071
wavelet-LHL	grlm	RunEntropy	5.437765019
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	1127.518939
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.961357416
wavelet-LHL	glszm	GrayLevelVariance	141.5845674
wavelet-LHL	glszm	ZoneVariance	0.659901753
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.025350497
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.697658575
wavelet-LHL	glszm	SizeZoneNonUniformity	116.508982
wavelet-LHL	glszm	GrayLevelNonUniformity	4.233532934
wavelet-LHL	glszm	LargeAreaEmphasis	2.317365269
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	993.5432745
wavelet-LHL	glszm	ZonePercentage	0.776744186
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.009578936
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2493.39521
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1146.892216
wavelet-LHL	glszm	SmallAreaEmphasis	0.859975831
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008077394
wavelet-LHL	glszm	ZoneEntropy	5.940298119
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.0079088
wavelet-LHL	ngtdm	Coarseness	0.026835272
wavelet-LHL	ngtdm	Complexity	8193.238746
wavelet-LHL	ngtdm	Strength	20.63470102
wavelet-LHL	ngtdm	Contrast	0.757130995
wavelet-LHL	ngtdm	Busyness	0.02694959
wavelet-LHH	gldm	GrayLevelVariance	43.82572201
wavelet-LHH	gldm	HighGrayLevelEmphasis	380.3348837
wavelet-LHH	gldm	DependenceEntropy	5.701994246
wavelet-LHH	gldm	DependenceNonUniformity	83.41860465
wavelet-LHH	gldm	GrayLevelNonUniformity	10.98139535
wavelet-LHH	gldm	SmallDependenceEmphasis	0.607332041
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	244.8072997
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.38799351

wavelet-LHH	gldm	LargeDependenceEmphasis	3.474418605
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023986764
wavelet-LHH	gldm	DependenceVariance	0.655143321
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1217.469767
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01328973
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.014774855
wavelet-LHH	glcm	JointAverage	18.37913523
wavelet-LHH	glcm	SumAverage	36.75827046
wavelet-LHH	glcm	JointEntropy	7.535307301
wavelet-LHH	glcm	ClusterShade	57.03221783
wavelet-LHH	glcm	MaximumProbability	0.017603085
wavelet-LHH	glcm	ldmn	0.947232944
wavelet-LHH	glcm	JointEnergy	0.00621776
wavelet-LHH	glcm	Contrast	91.61016028
wavelet-LHH	glcm	DifferenceEntropy	4.142796117
wavelet-LHH	glcm	InverseVariance	0.134764727
wavelet-LHH	glcm	DifferenceVariance	35.2358875
wavelet-LHH	glcm	ldn	0.850242461
wavelet-LHH	glcm	ldm	0.12438984
wavelet-LHH	glcm	Correlation	-0.010267023
wavelet-LHH	glcm	Autocorrelation	337.205365
wavelet-LHH	glcm	SumEntropy	4.934870373
wavelet-LHH	glcm	SumSquares	45.18605316
wavelet-LHH	glcm	ClusterProminence	28739.45682
wavelet-LHH	glcm	lmc2	0.977553712
wavelet-LHH	glcm	lmc1	-0.343507139
wavelet-LHH	glcm	DifferenceAverage	7.402599431
wavelet-LHH	glcm	ld	0.21487048
wavelet-LHH	glcm	ClusterTendency	89.13405237
wavelet-LHH	firstorder	InterquartileRange	198.6300516
wavelet-LHH	firstorder	Skewness	0.140765569
wavelet-LHH	firstorder	Uniformity	0.051076257
wavelet-LHH	firstorder	Median	-13.57546297
wavelet-LHH	firstorder	Energy	5822614.748
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	82.07519423
wavelet-LHH	firstorder	MeanAbsoluteDeviation	126.522259
wavelet-LHH	firstorder	TotalEnergy	157210598.2
wavelet-LHH	firstorder	Maximum	479.4173641
wavelet-LHH	firstorder	RootMeanSquared	164.5658806
wavelet-LHH	firstorder	90Percentile	176.8118275
wavelet-LHH	firstorder	Minimum	-441.9608533
wavelet-LHH	firstorder	Entropy	4.575422052
wavelet-LHH	firstorder	Range	921.3782174
wavelet-LHH	firstorder	Variance	27069.54967
wavelet-LHH	firstorder	10Percentile	-201.4000813
wavelet-LHH	firstorder	Kurtosis	3.44021899
wavelet-LHH	firstorder	Mean	-3.51843481
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.014998451
wavelet-LHH	glrlm	GrayLevelVariance	44.53901894
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.015072878
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.050399833
wavelet-LHH	glrlm	RunVariance	0.027553376

wavelet-LHH	glrlm	GrayLevelNonUniformity	10.55281172
wavelet-LHH	glrlm	LongRunEmphasis	1.082533385
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	374.5995517
wavelet-LHH	glrlm	RunLengthNonUniformity	198.8274277
wavelet-LHH	glrlm	ShortRunEmphasis	0.980184568
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	409.5199022
wavelet-LHH	glrlm	RunPercentage	0.973881932
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.015381298
wavelet-LHH	glrlm	RunEntropy	4.707702263
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	381.383124
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.949204114
wavelet-LHH	glszm	GrayLevelVariance	55.66887327
wavelet-LHH	glszm	ZoneVariance	1.234249452
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.042823229
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.581994156
wavelet-LHH	glszm	SizeZoneNonUniformity	86.13513514
wavelet-LHH	glszm	GrayLevelNonUniformity	6.337837838
wavelet-LHH	glszm	LargeAreaEmphasis	3.344594595
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	323.642197
wavelet-LHH	glszm	ZonePercentage	0.688372093
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.028446843
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1165.040541
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	397.6689189
wavelet-LHH	glszm	SmallAreaEmphasis	0.789939882
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.019758082
wavelet-LHH	glszm	ZoneEntropy	5.562853516
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.018951337
wavelet-LHH	ngtdm	Coarseness	0.024746028
wavelet-LHH	ngtdm	Complexity	2330.996315
wavelet-LHH	ngtdm	Strength	8.827960586
wavelet-LHH	ngtdm	Contrast	0.414166505
wavelet-LHH	ngtdm	Busyness	0.064818434
wavelet-LLH	gldm	GrayLevelVariance	76.09921038
wavelet-LLH	gldm	HighGrayLevelEmphasis	458.0744186
wavelet-LLH	gldm	DependenceEntropy	5.968054425
wavelet-LLH	gldm	DependenceNonUniformity	87.15813953
wavelet-LLH	gldm	GrayLevelNonUniformity	8.28372093
wavelet-LLH	gldm	SmallDependenceEmphasis	0.645316537
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	339.5194767
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.405386696
wavelet-LLH	gldm	LargeDependenceEmphasis	3.446511628
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.038650427
wavelet-LLH	gldm	DependenceVariance	0.720173067
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1241.451163
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.012728691
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.016713347
wavelet-LLH	glcm	JointAverage	19.01223428
wavelet-LLH	glcm	SumAverage	38.02446856
wavelet-LLH	glcm	JointEntropy	7.753255783
wavelet-LLH	glcm	ClusterShade	1044.217519
wavelet-LLH	glcm	MaximumProbability	0.014023812
wavelet-LLH	glcm	ldmn	0.950084488

wavelet-LLH	glcm	JointEnergy	0.00515141
wavelet-LLH	glcm	Contrast	132.895039
wavelet-LLH	glcm	DifferenceEntropy	4.371773338
wavelet-LLH	glcm	InverseVariance	0.123627666
wavelet-LLH	glcm	DifferenceVariance	53.07516389
wavelet-LLH	glcm	Idn	0.855763861
wavelet-LLH	glcm	Idm	0.114335483
wavelet-LLH	glcm	Correlation	0.107819515
wavelet-LLH	glcm	Autocorrelation	370.0670065
wavelet-LLH	glcm	SumEntropy	5.290215239
wavelet-LLH	glcm	SumSquares	74.99596595
wavelet-LLH	glcm	ClusterProminence	98932.31963
wavelet-LLH	glcm	Imc2	0.991226488
wavelet-LLH	glcm	Imc1	-0.415908342
wavelet-LLH	glcm	DifferenceAverage	8.786041891
wavelet-LLH	glcm	Id	0.199170143
wavelet-LLH	glcm	ClusterTendency	167.0888248
wavelet-LLH	firstorder	InterquartileRange	273.4884155
wavelet-LLH	firstorder	Skewness	0.478963882
wavelet-LLH	firstorder	Uniformity	0.038528935
wavelet-LLH	firstorder	Median	-75.39507236
wavelet-LLH	firstorder	Energy	10747989.04
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	114.1751581
wavelet-LLH	firstorder	MeanAbsoluteDeviation	170.2291122
wavelet-LLH	firstorder	TotalEnergy	290195704
wavelet-LLH	firstorder	Maximum	640.5281444
wavelet-LLH	firstorder	RootMeanSquared	223.5858821
wavelet-LLH	firstorder	90Percentile	232.3826761
wavelet-LLH	firstorder	Minimum	-523.9063858
wavelet-LLH	firstorder	Entropy	4.967302666
wavelet-LLH	firstorder	Range	1164.43453
wavelet-LLH	firstorder	Variance	47596.02695
wavelet-LLH	firstorder	10Percentile	-315.9786464
wavelet-LLH	firstorder	Kurtosis	3.108438155
wavelet-LLH	firstorder	Mean	-48.93485181
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.016703884
wavelet-LLH	glrlm	GrayLevelVariance	77.0392759
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.016893066
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.038001486
wavelet-LLH	glrlm	RunVariance	0.025015048
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.966282008
wavelet-LLH	glrlm	LongRunEmphasis	1.077536111
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	455.2211587
wavelet-LLH	glrlm	RunLengthNonUniformity	199.1904324
wavelet-LLH	glrlm	ShortRunEmphasis	0.980615972
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	486.7047937
wavelet-LLH	glrlm	RunPercentage	0.974955277
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.017649796
wavelet-LLH	glrlm	RunEntropy	5.085493052
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	461.5178857
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.949969905
wavelet-LLH	glszm	GrayLevelVariance	89.51246537



wavelet-LLH	glszm	ZoneVariance	1.097948407
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032635042
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.64776662
wavelet-LLH	glszm	SizeZoneNonUniformity	98.46052632
wavelet-LLH	glszm	GrayLevelNonUniformity	4.960526316
wavelet-LLH	glszm	LargeAreaEmphasis	3.098684211
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	452.1669248
wavelet-LLH	glszm	ZonePercentage	0.706976744
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.037001034
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1203.776316
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	510.8421053
wavelet-LLH	glszm	SmallAreaEmphasis	0.829793951
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.019334151
wavelet-LLH	glszm	ZoneEntropy	5.70953338
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.017029035
wavelet-LLH	ngtdm	Coarseness	0.027533801
wavelet-LLH	ngtdm	Complexity	3920.750385
wavelet-LLH	ngtdm	Strength	14.80846115
wavelet-LLH	ngtdm	Contrast	0.574667228
wavelet-LLH	ngtdm	Busyness	0.056879055
wavelet-LLL	gldm	GrayLevelVariance	546.4325365
wavelet-LLL	gldm	HighGrayLevelEmphasis	3570.92093
wavelet-LLL	gldm	DependenceEntropy	6.550995889
wavelet-LLL	gldm	DependenceNonUniformity	122.7674419
wavelet-LLL	gldm	GrayLevelNonUniformity	3.753488372
wavelet-LLL	gldm	SmallDependenceEmphasis	0.784149871
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2475.443306
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.571011357
wavelet-LLL	gldm	LargeDependenceEmphasis	2.581395349
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006088227
wavelet-LLL	gldm	DependenceVariance	0.621395349
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	12201.57209
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005668362
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005726806
wavelet-LLL	glcm	JointAverage	60.95334829
wavelet-LLL	glcm	SumAverage	121.9066966
wavelet-LLL	glcm	JointEntropy	8.032296955
wavelet-LLL	glcm	ClusterShade	-20539.82081
wavelet-LLL	glcm	MaximumProbability	0.009614778
wavelet-LLL	glcm	Idmn	0.947193038
wavelet-LLL	glcm	JointEnergy	0.003985154
wavelet-LLL	glcm	Contrast	560.1619529
wavelet-LLL	glcm	DifferenceEntropy	5.217384418
wavelet-LLL	glcm	InverseVariance	0.058255772
wavelet-LLL	glcm	DifferenceVariance	203.5078649
wavelet-LLL	glcm	Idn	0.848733743
wavelet-LLL	glcm	Idm	0.05990204
wavelet-LLL	glcm	Correlation	0.42350419
wavelet-LLL	glcm	Autocorrelation	3923.507335
wavelet-LLL	glcm	SumEntropy	6.27879122
wavelet-LLL	glcm	SumSquares	487.0748919
wavelet-LLL	glcm	ClusterProminence	4491693.002

wavelet-LLL	glcm	Imc2	0.999704737
wavelet-LLL	glcm	Imc1	-0.634021498
wavelet-LLL	glcm	DifferenceAverage	18.62867452
wavelet-LLL	glcm	Id	0.12184617
wavelet-LLL	glcm	ClusterTendency	1388.137615
wavelet-LLL	firstorder	InterquartileRange	923.5033181
wavelet-LLL	firstorder	Skewness	-0.256166207
wavelet-LLL	firstorder	Uniformity	0.017458085
wavelet-LLL	firstorder	Median	-663.1547275
wavelet-LLL	firstorder	Energy	175071178.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	375.8043684
wavelet-LLL	firstorder	MeanAbsoluteDeviation	492.4018264
wavelet-LLL	firstorder	TotalEnergy	4726921820
wavelet-LLL	firstorder	Maximum	300.3550565
wavelet-LLL	firstorder	RootMeanSquared	902.3771669
wavelet-LLL	firstorder	90Percentile	87.67440784
wavelet-LLL	firstorder	Minimum	-2049.096864
wavelet-LLL	firstorder	Entropy	6.048446879
wavelet-LLL	firstorder	Range	2349.451921
wavelet-LLL	firstorder	Variance	341387.715
wavelet-LLL	firstorder	10Percentile	-1510.664998
wavelet-LLL	firstorder	Kurtosis	2.066462042
wavelet-LLL	firstorder	Mean	-687.6749496
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005810357
wavelet-LLL	glrlm	GrayLevelVariance	547.2704803
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005813181
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.017279188
wavelet-LLL	glrlm	RunVariance	0.016120201
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.658281571
wavelet-LLL	glrlm	LongRunEmphasis	1.048016597
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3481.384348
wavelet-LLL	glrlm	RunLengthNonUniformity	205.3727946
wavelet-LLL	glrlm	ShortRunEmphasis	0.988410754
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3797.091228
wavelet-LLL	glrlm	RunPercentage	0.984615385
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005824989
wavelet-LLL	glrlm	RunEntropy	6.100843772
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3543.447307
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.969913067
wavelet-LLL	glszm	GrayLevelVariance	551.7145532
wavelet-LLL	glszm	ZoneVariance	0.428825567
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016197996
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.776286633
wavelet-LLL	glszm	SizeZoneNonUniformity	138.9553073
wavelet-LLL	glszm	GrayLevelNonUniformity	2.899441341
wavelet-LLL	glszm	LargeAreaEmphasis	1.87150838
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2767.620323
wavelet-LLL	glszm	ZonePercentage	0.83255814
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.007030689
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	7956.223464
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3247.586592
wavelet-LLL	glszm	SmallAreaEmphasis	0.900479516

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.006826527
wavelet-LLL	glszm	ZoneEntropy	6.378298618
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.006796857
wavelet-LLL	ngtdm	Coarseness	0.024882569
wavelet-LLL	ngtdm	Complexity	32923.02451
wavelet-LLL	ngtdm	Strength	74.41276185
wavelet-LLL	ngtdm	Contrast	2.172956681
wavelet-LLL	ngtdm	Busyness	0.010052665
wavelet-HHL	gldm	GrayLevelVariance	45.52956193
wavelet-HHL	gldm	HighGrayLevelEmphasis	534.8651163
wavelet-HHL	gldm	DependenceEntropy	5.884753083
wavelet-HHL	gldm	DependenceNonUniformity	74.10697674
wavelet-HHL	gldm	GrayLevelNonUniformity	10.2
wavelet-HHL	gldm	SmallDependenceEmphasis	0.571431525
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	303.2948669
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.344683613
wavelet-HHL	gldm	LargeDependenceEmphasis	4.581395349
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.016629134
wavelet-HHL	gldm	DependenceVariance	1.137349919
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	2390.837209
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007940207
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.008871869
wavelet-HHL	glcm	JointAverage	21.96642124
wavelet-HHL	glcm	SumAverage	43.93284248
wavelet-HHL	glcm	JointEntropy	7.603227257
wavelet-HHL	glcm	ClusterShade	-18.67915172
wavelet-HHL	glcm	MaximumProbability	0.01774745
wavelet-HHL	glcm	ldmn	0.956992388
wavelet-HHL	glcm	JointEnergy	0.005878163
wavelet-HHL	glcm	Contrast	88.28937854
wavelet-HHL	glcm	DifferenceEntropy	4.137944632
wavelet-HHL	glcm	InverseVariance	0.137117582
wavelet-HHL	glcm	DifferenceVariance	34.43910267
wavelet-HHL	glcm	ldn	0.86429236
wavelet-HHL	glcm	ldm	0.135474385
wavelet-HHL	glcm	Correlation	0.003043615
wavelet-HHL	glcm	Autocorrelation	482.618522
wavelet-HHL	glcm	SumEntropy	4.967122016
wavelet-HHL	glcm	SumSquares	44.14626308
wavelet-HHL	glcm	ClusterProminence	28748.62106
wavelet-HHL	glcm	lmc2	0.977727292
wavelet-HHL	glcm	lmc1	-0.344283482
wavelet-HHL	glcm	DifferenceAverage	7.239182551
wavelet-HHL	glcm	ld	0.22467776
wavelet-HHL	glcm	ClusterTendency	88.29567377
wavelet-HHL	firstorder	InterquartileRange	199.6082965
wavelet-HHL	firstorder	Skewness	-0.106136486
wavelet-HHL	firstorder	Uniformity	0.04744186
wavelet-HHL	firstorder	Median	24.22300848
wavelet-HHL	firstorder	Energy	6163098.206
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	88.17661164
wavelet-HHL	firstorder	MeanAbsoluteDeviation	130.8709399

wavelet-HHL	firstorder	TotalEnergy	166403651.6
wavelet-HHL	firstorder	Maximum	501.4544334
wavelet-HHL	firstorder	RootMeanSquared	169.309105
wavelet-HHL	firstorder	90Percentile	220.2757279
wavelet-HHL	firstorder	Minimum	-503.7626281
wavelet-HHL	firstorder	Entropy	4.642889115
wavelet-HHL	firstorder	Range	1005.217061
wavelet-HHL	firstorder	Variance	28423.85486
wavelet-HHL	firstorder	10Percentile	-200.9440375
wavelet-HHL	firstorder	Kurtosis	3.416095109
wavelet-HHL	firstorder	Mean	15.54728906
wavelet-HHL	gllm	ShortRunLowGrayLevelEmphasis	0.009047197
wavelet-HHL	gllm	GrayLevelVariance	46.48362721
wavelet-HHL	gllm	LowGrayLevelRunEmphasis	0.009101438
wavelet-HHL	gllm	GrayLevelNonUniformityNormalized	0.046527941
wavelet-HHL	gllm	RunVariance	0.03663197
wavelet-HHL	gllm	GrayLevelNonUniformity	9.675505542
wavelet-HHL	gllm	LongRunEmphasis	1.106681605
wavelet-HHL	gllm	ShortRunHighGrayLevelEmphasis	522.1880865
wavelet-HHL	gllm	RunLengthNonUniformity	194.9003481
wavelet-HHL	gllm	ShortRunEmphasis	0.975233305
wavelet-HHL	gllm	LongRunHighGrayLevelEmphasis	591.3718612
wavelet-HHL	gllm	RunPercentage	0.967084079
wavelet-HHL	gllm	LongRunLowGrayLevelEmphasis	0.009332794
wavelet-HHL	gllm	RunEntropy	4.798772804
wavelet-HHL	gllm	HighGrayLevelRunEmphasis	535.1775904
wavelet-HHL	gllm	RunLengthNonUniformityNormalized	0.936933916
wavelet-HHL	glszm	GrayLevelVariance	58.79852041
wavelet-HHL	glszm	ZoneVariance	1.305867347
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.040612245
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.556632653
wavelet-HHL	glszm	SizeZoneNonUniformity	77.92857143
wavelet-HHL	glszm	GrayLevelNonUniformity	5.685714286
wavelet-HHL	glszm	LargeAreaEmphasis	3.664285714
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	408.6900595
wavelet-HHL	glszm	ZonePercentage	0.651162791
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.018298086
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1926.728571
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	534.35
wavelet-HHL	glszm	SmallAreaEmphasis	0.7741423
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012458042
wavelet-HHL	glszm	ZoneEntropy	5.670569378
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.011971521
wavelet-HHL	ngtdm	Coarseness	0.026145889
wavelet-HHL	ngtdm	Complexity	2457.299742
wavelet-HHL	ngtdm	Strength	9.685975769
wavelet-HHL	ngtdm	Contrast	0.435690337
wavelet-HHL	ngtdm	Busyness	0.054147724
wavelet-HHL	gldm	GrayLevelVariance	35.79418064
wavelet-HHL	gldm	HighGrayLevelEmphasis	587.9348837
wavelet-HHL	gldm	DependenceEntropy	5.774489073
wavelet-HHL	gldm	DependenceNonUniformity	71.17674419

wavelet-HLH	gldm	GrayLevelNonUniformity	11.8
wavelet-HLH	gldm	SmallDependenceEmphasis	0.542127907
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	335.2666279
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.331054624
wavelet-HLH	gldm	LargeDependenceEmphasis	4.43255814
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.014414325
wavelet-HLH	gldm	DependenceVariance	0.919113034
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2449.134884
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.006159549
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.007177996
wavelet-HLH	glcm	JointAverage	23.59751037
wavelet-HLH	glcm	SumAverage	47.19502073
wavelet-HLH	glcm	JointEntropy	7.470376305
wavelet-HLH	glcm	ClusterShade	-146.1843613
wavelet-HLH	glcm	MaximumProbability	0.017417174
wavelet-HLH	glcm	ldmn	0.961367265
wavelet-HLH	glcm	JointEnergy	0.006497857
wavelet-HLH	glcm	Contrast	66.91982358
wavelet-HLH	glcm	DifferenceEntropy	3.95993159
wavelet-HLH	glcm	InverseVariance	0.156000534
wavelet-HLH	glcm	DifferenceVariance	25.1896264
wavelet-HLH	glcm	ldn	0.869284713
wavelet-HLH	glcm	ldm	0.14672961
wavelet-HLH	glcm	Correlation	-0.020375148
wavelet-HLH	glcm	Autocorrelation	556.1592062
wavelet-HLH	glcm	SumEntropy	4.759659583
wavelet-HLH	glcm	SumSquares	32.75469345
wavelet-HLH	glcm	ClusterProminence	15961.88295
wavelet-HLH	glcm	lmc2	0.963590304
wavelet-HLH	glcm	lmc1	-0.301595781
wavelet-HLH	glcm	DifferenceAverage	6.382105358
wavelet-HLH	glcm	ld	0.237912871
wavelet-HLH	glcm	ClusterTendency	64.09895022
wavelet-HLH	firstorder	InterquartileRange	164.4261878
wavelet-HLH	firstorder	Skewness	-0.344303728
wavelet-HLH	firstorder	Uniformity	0.054883721
wavelet-HLH	firstorder	Median	2.698646191
wavelet-HLH	firstorder	Energy	4786867.893
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	72.4911358
wavelet-HLH	firstorder	MeanAbsoluteDeviation	112.2881116
wavelet-HLH	firstorder	TotalEnergy	129245433.1
wavelet-HLH	firstorder	Maximum	393.8161654
wavelet-HLH	firstorder	RootMeanSquared	149.2129412
wavelet-HLH	firstorder	90Percentile	186.3142756
wavelet-HLH	firstorder	Minimum	-551.2640112
wavelet-HLH	firstorder	Entropy	4.465450111
wavelet-HLH	firstorder	Range	945.0801766
wavelet-HLH	firstorder	Variance	22264.50183
wavelet-HLH	firstorder	10Percentile	-175.4925199
wavelet-HLH	firstorder	Kurtosis	3.899343764
wavelet-HLH	firstorder	Mean	0.00203488
wavelet-HLH	gllm	ShortRunLowGrayLevelEmphasis	0.007298269

wavelet-HLH	glrlm	GrayLevelVariance	36.48457091
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.007353683
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.053978614
wavelet-HLH	glrlm	RunVariance	0.035081571
wavelet-HLH	glrlm	GrayLevelNonUniformity	11.21487785
wavelet-HLH	glrlm	LongRunEmphasis	1.106344436
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	575.329501
wavelet-HLH	glrlm	RunLengthNonUniformity	194.1348546
wavelet-HLH	glrlm	ShortRunEmphasis	0.974252014
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	647.406998
wavelet-HLH	glrlm	RunPercentage	0.966368515
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.007582236
wavelet-HLH	glrlm	RunEntropy	4.633178157
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	589.4024792
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.934138814
wavelet-HLH	glszm	GrayLevelVariance	46.27487024
wavelet-HLH	glszm	ZoneVariance	1.390516869
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.045198962
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.518274221
wavelet-HLH	glszm	SizeZoneNonUniformity	70.48529412
wavelet-HLH	glszm	GrayLevelNonUniformity	6.147058824
wavelet-HLH	glszm	LargeAreaEmphasis	3.889705882
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	469.7555254
wavelet-HLH	glszm	ZonePercentage	0.63255814
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.016102636
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2175.573529
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	611.7352941
wavelet-HLH	glszm	SmallAreaEmphasis	0.747308517
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.010078973
wavelet-HLH	glszm	ZoneEntropy	5.56596921
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.009489917
wavelet-HLH	ngtdm	Coarseness	0.028611991
wavelet-HLH	ngtdm	Complexity	1801.449217
wavelet-HLH	ngtdm	Strength	8.385202136
wavelet-HLH	ngtdm	Contrast	0.362856692
wavelet-HLH	ngtdm	Busyness	0.050064841

Image type	Feature Class	Feature Name	
general	info	BoundingBox	502: RTSTRUCT: C99_DNU_segment_ITV_RUL (0, 0, 2, 22, 20, 17)
general	info	EnabledImageTypes	{u'Original': {}, u'Wavelet': {}}
			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
general	info	ImageHash	3882593fc7fe3c6c5d737340c7f8eb90bba93eca
general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
general	info	MaskHash	c3752f902a48a806622b51738d3869d32ecb87ff
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	3387
original	shape	Maximum3DDiameter	71.30918594
original	shape	Maximum2DDiameterSlice	63.63961031
original	shape	Sphericity	0.730439281
original	shape	MinorAxis	54.40701829
original	shape	Elongation	0.965470212
original	shape	SurfaceVolumeRatio	0.146951385
original	shape	Volume	91449
original	shape	MajorAxis	56.352871
original	shape	SurfaceArea	13438.55722
original	shape	Flatness	0.768767191
original	shape	LeastAxis	43.32223834
original	shape	Maximum2DDiameterColumn	63.07138812
original	shape	Maximum2DDiameterRow	66.06814664
original	gldm	GrayLevelVariance	41.9772994
original	gldm	HighGrayLevelEmphasis	1534.965751
original	gldm	DependenceEntropy	6.353080651
original	gldm	DependenceNonUniformity	246.5134337
original	gldm	GrayLevelNonUniformity	700.447889
original	gldm	SmallDependenceEmphasis	0.219606551
original	gldm	SmallDependenceHighGrayLevelEmphasis	234.7032074
original	gldm	DependenceNonUniformityNormalized	0.072782236
original	gldm	LargeDependenceEmphasis	91.12341305
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.054638649
original	gldm	DependenceVariance	31.48233686
original	gldm	LargeDependenceHighGrayLevelEmphasis	154339.1022
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.000816904
original	gldm	LowGrayLevelEmphasis	0.001313834
original	glcm	JointAverage	39.49319198

original	glcm	SumAverage	78.98638395
original	glcm	JointEntropy	5.41549531
original	glcm	ClusterShade	-1935.02457
original	glcm	MaximumProbability	0.189718732
original	glcm	Idmn	0.982946443
original	glcm	JointEnergy	0.074102576
original	glcm	Contrast	42.47947923
original	glcm	DifferenceEntropy	2.882789488
original	glcm	InverseVariance	0.400137689
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original	glcm	Idn	0.946080475
original	glcm	Idm	0.512418442
original	glcm	Correlation	0.273144648
original	glcm	Autocorrelation	1567.930471
original	glcm	SumEntropy	3.706249836
original	glcm	SumSquares	29.44539177
original	glcm	ClusterProminence	74205.6153
original	glcm	Imc2	0.621964566
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original	glcm	ClusterTendency	75.30208786
original	firstorder	InterquartileRange	43
original	firstorder	Skewness	-2.717774935
original	firstorder	Uniformity	0.206804809
original	firstorder	Median	12
original	firstorder	Energy	96329667
original	firstorder	RobustMeanAbsoluteDeviation	37.14522133
original	firstorder	MeanAbsoluteDeviation	105.0672595
original	firstorder	TotalEnergy	2600901009
original	firstorder	Maximum	112
original	firstorder	RootMeanSquared	168.6445967
original	firstorder	90Percentile	43.4
original	firstorder	Minimum	-987
original	firstorder	Entropy	3.189455436
original	firstorder	Range	1099
original	firstorder	Variance	26216.15237
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original	firstorder	Kurtosis	10.36422743
original	firstorder	Mean	-47.16829052
original	glrlm	ShortRunLowGrayLevelEmphasis	0.001461612
original	glrlm	GrayLevelVariance	53.05618208
original	glrlm	LowGrayLevelRunEmphasis	0.001564577
original	glrlm	GrayLevelNonUniformityNormalized	0.150573004
original	glrlm	RunVariance	0.70860985
original	glrlm	GrayLevelNonUniformity	378.3662793
original	glrlm	LongRunEmphasis	2.53273478
original	glrlm	ShortRunHighGrayLevelEmphasis	1189.870396
original	glrlm	RunLengthNonUniformity	1616.973737
original	glrlm	ShortRunEmphasis	0.828782947
original	glrlm	LongRunHighGrayLevelEmphasis	4075.222631
original	glrlm	RunPercentage	0.741432173
original	glrlm	LongRunLowGrayLevelEmphasis	0.002476951
original	glrlm	RunEntropy	4.526851644
original	glrlm	HighGrayLevelRunEmphasis	1479.530332



original	glrlm	RunLengthNonUniformityNormalized	0.643159411
original	glszm	GrayLevelVariance	88.1726519
original	glszm	ZoneVariance	2884.265188
original	glszm	GrayLevelNonUniformityNormalized	0.038284684
original	glszm	SizeZoneNonUniformityNormalized	0.67012245
original	glszm	SizeZoneNonUniformity	507.2826948
original	glszm	GrayLevelNonUniformity	28.98150594
original	glszm	LargeAreaEmphasis	2904.284016
original	glszm	SmallAreaHighGrayLevelEmphasis	834.658628
original	glszm	ZonePercentage	0.223501624
original	glszm	LargeAreaLowGrayLevelEmphasis	1.709814641
original	glszm	LargeAreaHighGrayLevelEmphasis	4945436.361
original	glszm	HighGrayLevelZoneEmphasis	1045.081902
original	glszm	SmallAreaEmphasis	0.843406567
original	glszm	LowGrayLevelZoneEmphasis	0.003715638
original	glszm	ZoneEntropy	5.826826053
original	glszm	SmallAreaLowGrayLevelEmphasis	0.003545373
original	ngtdm	Coarseness	0.001099115
original	ngtdm	Complexity	2832.972176
original	ngtdm	Strength	3.97924093
original	ngtdm	Contrast	0.126712873
original	ngtdm	Busyness	0.313695569
wavelet-HHH	gldm	GrayLevelVariance	11.94589239
wavelet-HHH	gldm	HighGrayLevelEmphasis	662.2937703
wavelet-HHH	gldm	DependenceEntropy	6.243927591
wavelet-HHH	gldm	DependenceNonUniformity	309.173605
wavelet-HHH	gldm	GrayLevelNonUniformity	581.3625627
wavelet-HHH	gldm	SmallDependenceEmphasis	0.229806161
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	156.843297
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.091282434
wavelet-HHH	gldm	LargeDependenceEmphasis	65.05845881
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.100758682
wavelet-HHH	gldm	DependenceVariance	23.20095898
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	42348.6274
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000776613
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.001981236
wavelet-HHH	glcm	JointAverage	25.50798408
wavelet-HHH	glcm	SumAverage	51.01596817
wavelet-HHH	glcm	JointEntropy	5.957313643
wavelet-HHH	glcm	ClusterShade	8.580378585
wavelet-HHH	glcm	MaximumProbability	0.130386238
wavelet-HHH	glcm	Idmn	0.992932084
wavelet-HHH	glcm	JointEnergy	0.056978869
wavelet-HHH	glcm	Contrast	21.49967347
wavelet-HHH	glcm	DifferenceEntropy	2.960579759
wavelet-HHH	glcm	InverseVariance	0.380184394
wavelet-HHH	glcm	DifferenceVariance	14.40778287
wavelet-HHH	glcm	Idn	0.956378183
wavelet-HHH	glcm	Idm	0.451184689
wavelet-HHH	glcm	Correlation	-0.037195028
wavelet-HHH	glcm	Autocorrelation	650.2428928
wavelet-HHH	glcm	SumEntropy	3.662782058
wavelet-HHH	glcm	SumSquares	10.33504974
wavelet-HHH	glcm	ClusterProminence	4783.74671
wavelet-HHH	glcm	Imc2	0.696016379

wavelet-HHH	glcm	Imc1	-0.107126687
wavelet-HHH	glcm	DifferenceAverage	2.638644961
wavelet-HHH	glcm	Id	0.501476113
wavelet-HHH	glcm	ClusterTendency	19.84052548
wavelet-HHH	firstorder	InterquartileRange	42.12141121
wavelet-HHH	firstorder	Skewness	0.099524435
wavelet-HHH	firstorder	Uniformity	0.17164528
wavelet-HHH	firstorder	Median	0.626881317
wavelet-HHH	firstorder	Energy	25116469.74
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	21.74399085
wavelet-HHH	firstorder	MeanAbsoluteDeviation	50.03491332
wavelet-HHH	firstorder	TotalEnergy	678144683
wavelet-HHH	firstorder	Maximum	680.0676569
wavelet-HHH	firstorder	RootMeanSquared	86.11359102
wavelet-HHH	firstorder	90Percentile	74.87828398
wavelet-HHH	firstorder	Minimum	-618.5746834
wavelet-HHH	firstorder	Entropy	3.324006761
wavelet-HHH	firstorder	Range	1298.64234
wavelet-HHH	firstorder	Variance	7415.55054
wavelet-HHH	firstorder	10Percentile	-83.60160565
wavelet-HHH	firstorder	Kurtosis	10.75279043
wavelet-HHH	firstorder	Mean	-0.004230586
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.001877028
wavelet-HHH	glrlm	GrayLevelVariance	14.84102442
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.002098525
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.131865963
wavelet-HHH	glrlm	RunVariance	0.476258764
wavelet-HHH	glrlm	GrayLevelNonUniformity	353.4323161
wavelet-HHH	glrlm	LongRunEmphasis	2.088767069
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	571.494213
wavelet-HHH	glrlm	RunLengthNonUniformity	1852.077641
wavelet-HHH	glrlm	ShortRunEmphasis	0.856805424
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	1374.598039
wavelet-HHH	glrlm	RunPercentage	0.789625491
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.003779264
wavelet-HHH	glrlm	RunEntropy	4.404026608
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	664.982807
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.691349948
wavelet-HHH	glszm	GrayLevelVariance	38.7162814
wavelet-HHH	glszm	ZoneVariance	1998.214469
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.053665064
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.509865168
wavelet-HHH	glszm	SizeZoneNonUniformity	423.6979543
wavelet-HHH	glszm	GrayLevelNonUniformity	44.59566787
wavelet-HHH	glszm	LargeAreaEmphasis	2014.826715
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	510.3392859
wavelet-HHH	glszm	ZonePercentage	0.245349867
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	3.102555698
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1311453.32
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	683.2406739
wavelet-HHH	glszm	SmallAreaEmphasis	0.741754393
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.00328235
wavelet-HHH	glszm	ZoneEntropy	5.969026677
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.002850744
wavelet-HHH	ngtdm	Coarseness	2.38E-03

wavelet-HHH	ngtdm	Complexity	1761.128533
wavelet-HHH	ngtdm	Strength	2.141909787
wavelet-HHH	ngtdm	Contrast	0.028535986
wavelet-HHH	ngtdm	Busyness	0.235417652
wavelet-HLL	gldm	GrayLevelVariance	42.25191564
wavelet-HLL	gldm	HighGrayLevelEmphasis	727.7732507
wavelet-HLL	gldm	DependenceEntropy	6.90440662
wavelet-HLL	gldm	DependenceNonUniformity	414.7354591
wavelet-HLL	gldm	GrayLevelNonUniformity	330.4809566
wavelet-HLL	gldm	SmallDependenceEmphasis	0.31062792
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	233.4537133
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.122449206
wavelet-HLL	gldm	LargeDependenceEmphasis	46.00974314
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.062913713
wavelet-HLL	gldm	DependenceVariance	20.00185115
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	34791.57721
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001269879
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.002402509
wavelet-HLL	glcm	JointAverage	26.12279736
wavelet-HLL	glcm	SumAverage	52.24559471
wavelet-HLL	glcm	JointEntropy	7.397961535
wavelet-HLL	glcm	ClusterShade	112.3044372
wavelet-HLL	glcm	MaximumProbability	0.088925502
wavelet-HLL	glcm	Idmn	0.98548874
wavelet-HLL	glcm	JointEnergy	0.026930273
wavelet-HLL	glcm	Contrast	59.86094801
wavelet-HLL	glcm	DifferenceEntropy	3.617017006
wavelet-HLL	glcm	InverseVariance	0.308767753
wavelet-HLL	glcm	DifferenceVariance	38.89792091
wavelet-HLL	glcm	Idn	0.937740468
wavelet-HLL	glcm	Idm	0.353620939
wavelet-HLL	glcm	Correlation	0.151738627
wavelet-HLL	glcm	Autocorrelation	688.3527408
wavelet-HLL	glcm	SumEntropy	4.630253275
wavelet-HLL	glcm	SumSquares	35.87923615
wavelet-HLL	glcm	ClusterProminence	56388.39568
wavelet-HLL	glcm	Imc2	0.828266335
wavelet-HLL	glcm	Imc1	-0.15003987
wavelet-HLL	glcm	DifferenceAverage	4.485481103
wavelet-HLL	glcm	Id	0.41466518
wavelet-HLL	glcm	ClusterTendency	83.65599658
wavelet-HLL	firstorder	InterquartileRange	105.7699378
wavelet-HLL	firstorder	Skewness	0.333522709
wavelet-HLL	firstorder	Uniformity	0.097573356
wavelet-HLL	firstorder	Median	-10.99607914
wavelet-HLL	firstorder	Energy	93019065.63
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	52.34287121
wavelet-HLL	firstorder	MeanAbsoluteDeviation	104.6108369
wavelet-HLL	firstorder	TotalEnergy	2511514772
wavelet-HLL	firstorder	Maximum	813.6536791
wavelet-HLL	firstorder	RootMeanSquared	165.7213216
wavelet-HLL	firstorder	90Percentile	109.2668735
wavelet-HLL	firstorder	Minimum	-650.5280281
wavelet-HLL	firstorder	Entropy	4.231643449
wavelet-HLL	firstorder	Range	1464.181707

wavelet-HLL	firstorder	Variance	26385.4203
wavelet-HLL	firstorder	10Percentile	-231.4408947
wavelet-HLL	firstorder	Kurtosis	6.652872837
wavelet-HLL	firstorder	Mean	-32.83498329
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002439755
wavelet-HLL	glrlm	GrayLevelVariance	49.03559852
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.002590734
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.074512449
wavelet-HLL	glrlm	RunVariance	0.341896685
wavelet-HLL	glrlm	GrayLevelNonUniformity	213.2005521
wavelet-HLL	glrlm	LongRunEmphasis	1.762975944
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	647.7018926
wavelet-HLL	glrlm	RunLengthNonUniformity	2190.285215
wavelet-HLL	glrlm	ShortRunEmphasis	0.89569618
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	1296.019983
wavelet-HLL	glrlm	RunPercentage	0.842315641
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.00365088
wavelet-HLL	glrlm	RunEntropy	5.076134088
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	724.6725603
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.765501877
wavelet-HLL	glszm	GrayLevelVariance	96.01390141
wavelet-HLL	glszm	ZoneVariance	698.7390715
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.031385371
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.530367136
wavelet-HLL	glszm	SizeZoneNonUniformity	615.7562446
wavelet-HLL	glszm	GrayLevelNonUniformity	36.43841516
wavelet-HLL	glszm	LargeAreaEmphasis	707.2497847
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	579.0181848
wavelet-HLL	glszm	ZonePercentage	0.342781222
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.939813779
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	535358.9027
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	744.0913006
wavelet-HLL	glszm	SmallAreaEmphasis	0.756510296
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.003977746
wavelet-HLL	glszm	ZoneEntropy	6.537630237
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00340332
wavelet-HLL	ngtdm	Coarseness	0.002168649
wavelet-HLL	ngtdm	Complexity	4533.852791
wavelet-HLL	ngtdm	Strength	2.946121428
wavelet-HLL	ngtdm	Contrast	0.098189969
wavelet-HLL	ngtdm	Busyness	0.215206173
wavelet-LHL	gldm	GrayLevelVariance	65.59687961
wavelet-LHL	gldm	HighGrayLevelEmphasis	1146.971656
wavelet-LHL	gldm	DependenceEntropy	6.937772415
wavelet-LHL	gldm	DependenceNonUniformity	435.8928255
wavelet-LHL	gldm	GrayLevelNonUniformity	338.3303809
wavelet-LHL	gldm	SmallDependenceEmphasis	0.330838092
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	412.1627438
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.128695845
wavelet-LHL	gldm	LargeDependenceEmphasis	43.64363744
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.040016811
wavelet-LHL	gldm	DependenceVariance	18.86164252
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	49106.95394
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000864904
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.001563598

wavelet-LHL	glcm	JointAverage	32.72927284
wavelet-LHL	glcm	SumAverage	65.45854567
wavelet-LHL	glcm	JointEntropy	7.423841909
wavelet-LHL	glcm	ClusterShade	1908.561608
wavelet-LHL	glcm	MaximumProbability	0.087243837
wavelet-LHL	glcm	Idmn	0.987502454
wavelet-LHL	glcm	JointEnergy	0.027032818
wavelet-LHL	glcm	Contrast	94.35097149
wavelet-LHL	glcm	DifferenceEntropy	3.699159163
wavelet-LHL	glcm	InverseVariance	0.315874852
wavelet-LHL	glcm	DifferenceVariance	67.17813989
wavelet-LHL	glcm	Idn	0.947127716
wavelet-LHL	glcm	Idm	0.352370327
wavelet-LHL	glcm	Correlation	0.142307532
wavelet-LHL	glcm	Autocorrelation	1079.955999
wavelet-LHL	glcm	SumEntropy	4.680863989
wavelet-LHL	glcm	SumSquares	55.91675911
wavelet-LHL	glcm	ClusterProminence	217200.3853
wavelet-LHL	glcm	Imc2	0.874625284
wavelet-LHL	glcm	Imc1	-0.180994078
wavelet-LHL	glcm	DifferenceAverage	5.092709773
wavelet-LHL	glcm	Id	0.412080942
wavelet-LHL	glcm	ClusterTendency	129.3160649
wavelet-LHL	firstorder	InterquartileRange	93.12726237
wavelet-LHL	firstorder	Skewness	0.982819546
wavelet-LHL	firstorder	Uniformity	0.099890871
wavelet-LHL	firstorder	Median	-7.04469002
wavelet-LHL	firstorder	Energy	139351598.3
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	48.97438066
wavelet-LHL	firstorder	MeanAbsoluteDeviation	115.9636438
wavelet-LHL	firstorder	TotalEnergy	3762493155
wavelet-LHL	firstorder	Maximum	1171.784186
wavelet-LHL	firstorder	RootMeanSquared	202.8375606
wavelet-LHL	firstorder	90Percentile	139.6954138
wavelet-LHL	firstorder	Minimum	-809.2380154
wavelet-LHL	firstorder	Entropy	4.328797757
wavelet-LHL	firstorder	Range	1981.022202
wavelet-LHL	firstorder	Variance	40903.73762
wavelet-LHL	firstorder	10Percentile	-225.941476
wavelet-LHL	firstorder	Kurtosis	8.727693904
wavelet-LHL	firstorder	Mean	-15.47056413
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.001582883
wavelet-LHL	glrlm	GrayLevelVariance	76.39086178
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.001678927
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.076317576
wavelet-LHL	glrlm	RunVariance	0.321224773
wavelet-LHL	glrlm	GrayLevelNonUniformity	219.5079653
wavelet-LHL	glrlm	LongRunEmphasis	1.724692038
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1040.158909
wavelet-LHL	glrlm	RunLengthNonUniformity	2217.700345
wavelet-LHL	glrlm	ShortRunEmphasis	0.898674359
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1963.332035
wavelet-LHL	glrlm	RunPercentage	0.846994163
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002348679
wavelet-LHL	glrlm	RunEntropy	5.176045436

wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1152.772759
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.771215843
wavelet-LHL	glszm	GrayLevelVariance	152.1494388
wavelet-LHL	glszm	ZoneVariance	697.6752631
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.028143798
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.577086721
wavelet-LHL	glszm	SizeZoneNonUniformity	702.8916256
wavelet-LHL	glszm	GrayLevelNonUniformity	34.27914614
wavelet-LHL	glszm	LargeAreaEmphasis	705.408046
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1003.674551
wavelet-LHL	glszm	ZonePercentage	0.359610275
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.630159863
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	793478.0846
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1233.144499
wavelet-LHL	glszm	SmallAreaEmphasis	0.787685964
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.00254784
wavelet-LHL	glszm	ZoneEntropy	6.617694907
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002242734
wavelet-LHL	ngtdm	Coarseness	0.002259507
wavelet-LHL	ngtdm	Complexity	9574.289835
wavelet-LHL	ngtdm	Strength	6.026189407
wavelet-LHL	ngtdm	Contrast	0.102724777
wavelet-LHL	ngtdm	Busyness	0.120154936
wavelet-LHH	gldm	GrayLevelVariance	24.10514438
wavelet-LHH	gldm	HighGrayLevelEmphasis	1444.306761
wavelet-LHH	gldm	DependenceEntropy	6.53148251
wavelet-LHH	gldm	DependenceNonUniformity	347.2639504
wavelet-LHH	gldm	GrayLevelNonUniformity	462.742545
wavelet-LHH	gldm	SmallDependenceEmphasis	0.277061672
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	414.7837753
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.102528477
wavelet-LHH	gldm	LargeDependenceEmphasis	57.61883673
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041486308
wavelet-LHH	gldm	DependenceVariance	22.13776794
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	80938.91084
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000526399
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.001047363
wavelet-LHH	glcm	JointAverage	37.60264938
wavelet-LHH	glcm	SumAverage	75.20529876
wavelet-LHH	glcm	JointEntropy	6.571544631
wavelet-LHH	glcm	ClusterShade	101.3614747
wavelet-LHH	glcm	MaximumProbability	0.111951946
wavelet-LHH	glcm	Idmn	0.991010618
wavelet-LHH	glcm	JointEnergy	0.042794032
wavelet-LHH	glcm	Contrast	40.7989638
wavelet-LHH	glcm	DifferenceEntropy	3.280170455
wavelet-LHH	glcm	InverseVariance	0.349777065
wavelet-LHH	glcm	DifferenceVariance	28.1528361
wavelet-LHH	glcm	Idn	0.952873534
wavelet-LHH	glcm	Idm	0.413189172
wavelet-LHH	glcm	Correlation	-0.005016356
wavelet-LHH	glcm	Autocorrelation	1413.936649
wavelet-LHH	glcm	SumEntropy	4.066869693
wavelet-LHH	glcm	SumSquares	20.36955418
wavelet-LHH	glcm	ClusterProminence	20859.80237

wavelet-LHH	glcm	Imc2	0.775946331
wavelet-LHH	glcm	Imc1	-0.133244585
wavelet-LHH	glcm	DifferenceAverage	3.513708668
wavelet-LHH	glcm	Id	0.46702759
wavelet-LHH	glcm	ClusterTendency	40.67925292
wavelet-LHH	firstorder	InterquartileRange	53.72072574
wavelet-LHH	firstorder	Skewness	0.199415587
wavelet-LHH	firstorder	Uniformity	0.136623131
wavelet-LHH	firstorder	Median	-0.858458463
wavelet-LHH	firstorder	Energy	50903451.52
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	28.9739357
wavelet-LHH	firstorder	MeanAbsoluteDeviation	70.03692286
wavelet-LHH	firstorder	TotalEnergy	1374393191
wavelet-LHH	firstorder	Maximum	659.3048208
wavelet-LHH	firstorder	RootMeanSquared	122.5930972
wavelet-LHH	firstorder	90Percentile	126.3575604
wavelet-LHH	firstorder	Minimum	-912.9234771
wavelet-LHH	firstorder	Entropy	3.74113608
wavelet-LHH	firstorder	Range	1572.228298
wavelet-LHH	firstorder	Variance	15006.04594
wavelet-LHH	firstorder	10Percentile	-95.83008074
wavelet-LHH	firstorder	Kurtosis	9.890702688
wavelet-LHH	firstorder	Mean	4.798075539
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.001034118
wavelet-LHH	glrlm	GrayLevelVariance	29.28354173
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.00112617
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.103602291
wavelet-LHH	glrlm	RunVariance	0.422271847
wavelet-LHH	glrlm	GrayLevelNonUniformity	284.5587921
wavelet-LHH	glrlm	LongRunEmphasis	1.956980245
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1272.344771
wavelet-LHH	glrlm	RunLengthNonUniformity	1973.137494
wavelet-LHH	glrlm	ShortRunEmphasis	0.871590295
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	2798.767821
wavelet-LHH	glrlm	RunPercentage	0.809361586
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.001810607
wavelet-LHH	glrlm	RunEntropy	4.746174901
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1453.175379
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.718502812
wavelet-LHH	glszm	GrayLevelVariance	66.41024333
wavelet-LHH	glszm	ZoneVariance	1284.641525
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.040989795
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.581953486
wavelet-LHH	glszm	SizeZoneNonUniformity	580.7895792
wavelet-LHH	glszm	GrayLevelNonUniformity	40.90781563
wavelet-LHH	glszm	LargeAreaEmphasis	1296.159319
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	1188.168982
wavelet-LHH	glszm	ZonePercentage	0.294656038
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.926285139
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1817878.414
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1508.583166
wavelet-LHH	glszm	SmallAreaEmphasis	0.790569098
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.001830309
wavelet-LHH	glszm	ZoneEntropy	6.089010656
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.001676888

wavelet-LHH	ngtdm	Coarseness	0.002475947
wavelet-LHH	ngtdm	Complexity	3597.623017
wavelet-LHH	ngtdm	Strength	3.073807461
wavelet-LHH	ngtdm	Contrast	0.049577444
wavelet-LHH	ngtdm	Busyness	0.125104449
wavelet-LLH	gldm	GrayLevelVariance	51.46536999
wavelet-LLH	gldm	HighGrayLevelEmphasis	1127.003248
wavelet-LLH	gldm	DependenceEntropy	6.826530948
wavelet-LLH	gldm	DependenceNonUniformity	396.3947446
wavelet-LLH	gldm	GrayLevelNonUniformity	395.2314733
wavelet-LLH	gldm	SmallDependenceEmphasis	0.30915077
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	376.127822
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.117034173
wavelet-LLH	gldm	LargeDependenceEmphasis	56.45084145
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.050992186
wavelet-LLH	gldm	DependenceVariance	24.27947181
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	63579.86123
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.000768321
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00145152
wavelet-LLH	glcm	JointAverage	32.67962151
wavelet-LLH	glcm	SumAverage	65.35924302
wavelet-LLH	glcm	JointEntropy	7.109145404
wavelet-LLH	glcm	ClusterShade	1166.020048
wavelet-LLH	glcm	MaximumProbability	0.110999563
wavelet-LLH	glcm	Idmn	0.991580203
wavelet-LLH	glcm	JointEnergy	0.037472151
wavelet-LLH	glcm	Contrast	74.00955982
wavelet-LLH	glcm	DifferenceEntropy	3.572441237
wavelet-LLH	glcm	InverseVariance	0.319931781
wavelet-LLH	glcm	DifferenceVariance	52.80185729
wavelet-LLH	glcm	Idn	0.95582761
wavelet-LLH	glcm	Idm	0.383959341
wavelet-LLH	glcm	Correlation	0.105448399
wavelet-LLH	glcm	Autocorrelation	1073.400943
wavelet-LLH	glcm	SumEntropy	4.510161931
wavelet-LLH	glcm	SumSquares	42.43745953
wavelet-LLH	glcm	ClusterProminence	143178.8424
wavelet-LLH	glcm	Imc2	0.850694142
wavelet-LLH	glcm	Imc1	-0.168643213
wavelet-LLH	glcm	DifferenceAverage	4.531000463
wavelet-LLH	glcm	Id	0.439245131
wavelet-LLH	glcm	ClusterTendency	95.74027829
wavelet-LLH	firstorder	InterquartileRange	87.12718891
wavelet-LLH	firstorder	Skewness	1.321966226
wavelet-LLH	firstorder	Uniformity	0.116690721
wavelet-LLH	firstorder	Median	-4.861102928
wavelet-LLH	firstorder	Energy	109835653.3
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	45.64527719
wavelet-LLH	firstorder	MeanAbsoluteDeviation	101.9594518
wavelet-LLH	firstorder	TotalEnergy	2965562639
wavelet-LLH	firstorder	Maximum	1372.284926
wavelet-LLH	firstorder	RootMeanSquared	180.0794147
wavelet-LLH	firstorder	90Percentile	115.2764117
wavelet-LLH	firstorder	Minimum	-804.1978066
wavelet-LLH	firstorder	Entropy	4.129194626



wavelet-LLH	firstorder	Range	2176.482733
wavelet-LLH	firstorder	Variance	32122.18059
wavelet-LLH	firstorder	10Percentile	-206.1431315
wavelet-LLH	firstorder	Kurtosis	12.43662964
wavelet-LLH	firstorder	Mean	-17.50471381
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001461227
wavelet-LLH	glrlm	GrayLevelVariance	61.98290965
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.001570447
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.08352414
wavelet-LLH	glrlm	RunVariance	0.406552785
wavelet-LLH	glrlm	GrayLevelNonUniformity	232.6026245
wavelet-LLH	glrlm	LongRunEmphasis	1.9001902
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	998.1993027
wavelet-LLH	glrlm	RunLengthNonUniformity	2053.666989
wavelet-LLH	glrlm	ShortRunEmphasis	0.881789038
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2137.349411
wavelet-LLH	glrlm	RunPercentage	0.820308419
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.002386359
wavelet-LLH	glrlm	RunEntropy	5.109034215
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1129.481635
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.73804701
wavelet-LLH	glszm	GrayLevelVariance	131.6542072
wavelet-LLH	glszm	ZoneVariance	942.0535206
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.031115312
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.556620038
wavelet-LLH	glszm	SizeZoneNonUniformity	640.1130435
wavelet-LLH	glszm	GrayLevelNonUniformity	35.7826087
wavelet-LLH	glszm	LargeAreaEmphasis	950.7278261
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	966.1506314
wavelet-LLH	glszm	ZonePercentage	0.33953351
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.845007574
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1073110.69
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1196.74
wavelet-LLH	glszm	SmallAreaEmphasis	0.774260204
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002388782
wavelet-LLH	glszm	ZoneEntropy	6.524581498
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002108736
wavelet-LLH	ngtdm	Coarseness	0.002152261
wavelet-LLH	ngtdm	Complexity	8427.391996
wavelet-LLH	ngtdm	Strength	6.816260292
wavelet-LLH	ngtdm	Contrast	0.074422433
wavelet-LLH	ngtdm	Busyness	0.125828906
wavelet-LLL	gldm	GrayLevelVariance	290.1797756
wavelet-LLL	gldm	HighGrayLevelEmphasis	5637.817833
wavelet-LLL	gldm	DependenceEntropy	7.556554262
wavelet-LLL	gldm	DependenceNonUniformity	571.979628
wavelet-LLL	gldm	GrayLevelNonUniformity	196.7685267
wavelet-LLL	gldm	SmallDependenceEmphasis	0.411215521
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1716.23508
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.168875001
wavelet-LLL	gldm	LargeDependenceEmphasis	46.63802775
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.009801123
wavelet-LLL	gldm	DependenceVariance	23.93858454
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	314262.8051
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	6.95E-04

wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00123607
wavelet-LLL	glcm	JointAverage	76.19547971
wavelet-LLL	glcm	SumAverage	152.3909594
wavelet-LLL	glcm	JointEntropy	8.505298933
wavelet-LLL	glcm	ClusterShade	-29106.2823
wavelet-LLL	glcm	MaximumProbability	0.060836658
wavelet-LLL	glcm	Idmn	0.978134363
wavelet-LLL	glcm	JointEnergy	0.012717903
wavelet-LLL	glcm	Contrast	214.339058
wavelet-LLL	glcm	DifferenceEntropy	4.322502298
wavelet-LLL	glcm	InverseVariance	0.25573616
wavelet-LLL	glcm	DifferenceVariance	141.7676466
wavelet-LLL	glcm	Idn	0.926798987
wavelet-LLL	glcm	Idm	0.309735226
wavelet-LLL	glcm	Correlation	0.474130348
wavelet-LLL	glcm	Autocorrelation	5905.120818
wavelet-LLL	glcm	SumEntropy	5.613188613
wavelet-LLL	glcm	SumSquares	206.3673458
wavelet-LLL	glcm	ClusterProminence	2453088.993
wavelet-LLL	glcm	Imc2	0.920051797
wavelet-LLL	glcm	Imc1	-0.202043374
wavelet-LLL	glcm	DifferenceAverage	8.443458591
wavelet-LLL	glcm	Id	0.365839698
wavelet-LLL	glcm	ClusterTendency	611.1303253
wavelet-LLL	firstorder	InterquartileRange	418.4341219
wavelet-LLL	firstorder	Skewness	-1.627360151
wavelet-LLL	firstorder	Uniformity	0.058095225
wavelet-LLL	firstorder	Median	28.16457104
wavelet-LLL	firstorder	Energy	729272500.2
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	209.3696297
wavelet-LLL	firstorder	MeanAbsoluteDeviation	333.0097605
wavelet-LLL	firstorder	TotalEnergy	19690357505
wavelet-LLL	firstorder	Maximum	283.4495992
wavelet-LLL	firstorder	RootMeanSquared	464.020663
wavelet-LLL	firstorder	90Percentile	135.3660257
wavelet-LLL	firstorder	Minimum	-1994.908261
wavelet-LLL	firstorder	Entropy	5.080130277
wavelet-LLL	firstorder	Range	2278.35786
wavelet-LLL	firstorder	Variance	181359.7687
wavelet-LLL	firstorder	10Percentile	-874.972436
wavelet-LLL	firstorder	Kurtosis	4.921301084
wavelet-LLL	firstorder	Mean	-184.2699298
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001357216
wavelet-LLL	glrlm	GrayLevelVariance	320.4484998
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001392464
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.04370864
wavelet-LLL	glrlm	RunVariance	0.320417236
wavelet-LLL	glrlm	GrayLevelNonUniformity	126.7684875
wavelet-LLL	glrlm	LongRunEmphasis	1.691685809
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	4830.418613
wavelet-LLL	glrlm	RunLengthNonUniformity	2299.390015
wavelet-LLL	glrlm	ShortRunEmphasis	0.909135703
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	10127.03796
wavelet-LLL	glrlm	RunPercentage	0.855215644
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001581948

wavelet-LLL	glrlm	RunEntropy	5.870460754
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5445.078059
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.792953074
wavelet-LLL	glszm	GrayLevelVariance	383.481841
wavelet-LLL	glszm	ZoneVariance	298.1583402
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.016207708
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.68772784
wavelet-LLL	glszm	SizeZoneNonUniformity	1009.584469
wavelet-LLL	glszm	GrayLevelNonUniformity	23.79291553
wavelet-LLL	glszm	LargeAreaEmphasis	303.4816076
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	3351.269227
wavelet-LLL	glszm	ZonePercentage	0.433421907
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.048563461
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	2060666.243
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	4213.894414
wavelet-LLL	glszm	SmallAreaEmphasis	0.853587174
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.001961252
wavelet-LLL	glszm	ZoneEntropy	6.883248678
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.001415269
wavelet-LLL	ngtdm	Coarseness	0.001891231
wavelet-LLL	ngtdm	Complexity	21072.59629
wavelet-LLL	ngtdm	Strength	11.02724378
wavelet-LLL	ngtdm	Contrast	0.544101941
wavelet-LLL	ngtdm	Busyness	0.057112184
wavelet-HHL	gldm	GrayLevelVariance	15.42571542
wavelet-HHL	gldm	HighGrayLevelEmphasis	621.1349277
wavelet-HHL	gldm	DependenceEntropy	6.461595289
wavelet-HHL	gldm	DependenceNonUniformity	335.7818128
wavelet-HHL	gldm	GrayLevelNonUniformity	475.0401535
wavelet-HHL	gldm	SmallDependenceEmphasis	0.254002618
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	171.6662793
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.099138415
wavelet-HHL	gldm	LargeDependenceEmphasis	54.38116327
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.092244191
wavelet-HHL	gldm	DependenceVariance	20.77403389
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	32437.739
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.000857077
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.002151196
wavelet-HHL	glcm	JointAverage	24.57517638
wavelet-HHL	glcm	SumAverage	49.15035276
wavelet-HHL	glcm	JointEntropy	6.438118693
wavelet-HHL	glcm	ClusterShade	15.12499239
wavelet-HHL	glcm	MaximumProbability	0.108839941
wavelet-HHL	glcm	Idmn	0.991450942
wavelet-HHL	glcm	JointEnergy	0.040630733
wavelet-HHL	glcm	Contrast	25.0853139
wavelet-HHL	glcm	DifferenceEntropy	3.133707015
wavelet-HHL	glcm	InverseVariance	0.358006092
wavelet-HHL	glcm	DifferenceVariance	16.08524258
wavelet-HHL	glcm	Idn	0.950224341
wavelet-HHL	glcm	Idm	0.411032698
wavelet-HHL	glcm	Correlation	0.003949365
wavelet-HHL	glcm	Autocorrelation	604.0185753
wavelet-HHL	glcm	SumEntropy	3.92324497
wavelet-HHL	glcm	SumSquares	12.61589756

wavelet-HHL	glcm	ClusterProminence	6291.085357
wavelet-HHL	glcm	Imc2	0.703597199
wavelet-HHL	glcm	Imc1	-0.102851904
wavelet-HHL	glcm	DifferenceAverage	2.975072175
wavelet-HHL	glcm	Id	0.468059053
wavelet-HHL	glcm	ClusterTendency	25.37827633
wavelet-HHL	firstorder	InterquartileRange	52.96089877
wavelet-HHL	firstorder	Skewness	0.150144586
wavelet-HHL	firstorder	Uniformity	0.140253957
wavelet-HHL	firstorder	Median	-1.502610561
wavelet-HHL	firstorder	Energy	32381159.49
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	27.67341118
wavelet-HHL	firstorder	MeanAbsoluteDeviation	59.68682477
wavelet-HHL	firstorder	TotalEnergy	874291306.2
wavelet-HHL	firstorder	Maximum	677.5274491
wavelet-HHL	firstorder	RootMeanSquared	97.77742584
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wavelet-HHL	firstorder	Entropy	3.592024184
wavelet-HHL	firstorder	Range	1257.663537
wavelet-HHL	firstorder	Variance	9552.721757
wavelet-HHL	firstorder	10Percentile	-85.25868388
wavelet-HHL	firstorder	Kurtosis	8.359645308
wavelet-HHL	firstorder	Mean	2.775472442
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002040772
wavelet-HHL	glrlm	GrayLevelVariance	18.5233991
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.002254565
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.109614664
wavelet-HHL	glrlm	RunVariance	0.395438807
wavelet-HHL	glrlm	GrayLevelNonUniformity	303.2661504
wavelet-HHL	glrlm	LongRunEmphasis	1.908005407
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	551.6911961
wavelet-HHL	glrlm	RunLengthNonUniformity	2003.173653
wavelet-HHL	glrlm	ShortRunEmphasis	0.874539872
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	1168.259408
wavelet-HHL	glrlm	RunPercentage	0.815493629
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.003794091
wavelet-HHL	glrlm	RunEntropy	4.550567877
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	626.6688728
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.723875623
wavelet-HHL	glszm	GrayLevelVariance	43.50223879
wavelet-HHL	glszm	ZoneVariance	1342.155762
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.048503567
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.511551627
wavelet-HHL	glszm	SizeZoneNonUniformity	476.254565
wavelet-HHL	glszm	GrayLevelNonUniformity	45.15682062
wavelet-HHL	glszm	LargeAreaEmphasis	1355.390977
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	513.0661525
wavelet-HHL	glszm	ZonePercentage	0.27487452
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.279951501
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	808110.3222
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	678.1525242
wavelet-HHL	glszm	SmallAreaEmphasis	0.743292139
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.003266915
wavelet-HHL	glszm	ZoneEntropy	6.049437577

wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.002795246
wavelet-HHL	ngtdm	Coarseness	0.002371657
wavelet-HHL	ngtdm	Complexity	2055.035832
wavelet-HHL	ngtdm	Strength	1.96358225
wavelet-HHL	ngtdm	Contrast	0.040205867
wavelet-HHL	ngtdm	Busyness	0.248192636
wavelet-HLH	gldm	GrayLevelVariance	16.89662946
wavelet-HLH	gldm	HighGrayLevelEmphasis	615.9970475
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wavelet-HLH	gldm	DependenceNonUniformity	340.702982
wavelet-HLH	gldm	GrayLevelNonUniformity	497.7103632
wavelet-HLH	gldm	SmallDependenceEmphasis	0.26342793
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	171.3192673
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.100591373
wavelet-HLH	gldm	LargeDependenceEmphasis	59.86920579
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.101025051
wavelet-HLH	gldm	DependenceVariance	23.13207823
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	35892.71154
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00104149
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.002314142
wavelet-HLH	glcm	JointAverage	24.49644091
wavelet-HLH	glcm	SumAverage	48.99288181
wavelet-HLH	glcm	JointEntropy	6.405780674
wavelet-HLH	glcm	ClusterShade	-6.554634201
wavelet-HLH	glcm	MaximumProbability	0.113821297
wavelet-HLH	glcm	Idmn	0.988520311
wavelet-HLH	glcm	JointEnergy	0.045306254
wavelet-HLH	glcm	Contrast	29.51678085
wavelet-HLH	glcm	DifferenceEntropy	3.166995838
wavelet-HLH	glcm	InverseVariance	0.357402625
wavelet-HLH	glcm	DifferenceVariance	19.60781091
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wavelet-HLH	glcm	Correlation	-0.023566007
wavelet-HLH	glcm	Autocorrelation	599.7272398
wavelet-HLH	glcm	SumEntropy	3.937378835
wavelet-HLH	glcm	SumSquares	14.40759487
wavelet-HLH	glcm	ClusterProminence	7930.085191
wavelet-HLH	glcm	Imc2	0.721648081
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wavelet-HLH	glcm	DifferenceAverage	3.117689954
wavelet-HLH	glcm	Id	0.475718816
wavelet-HLH	glcm	ClusterTendency	28.11359863
wavelet-HLH	firstorder	InterquartileRange	49.01705679
wavelet-HLH	firstorder	Skewness	-0.059942729
wavelet-HLH	firstorder	Uniformity	0.146947258
wavelet-HLH	firstorder	Median	-1.097503706
wavelet-HLH	firstorder	Energy	35563302.77
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	25.91694865
wavelet-HLH	firstorder	MeanAbsoluteDeviation	59.86845612
wavelet-HLH	firstorder	TotalEnergy	960209174.9
wavelet-HLH	firstorder	Maximum	592.7503408
wavelet-HLH	firstorder	RootMeanSquared	102.4692235
wavelet-HLH	firstorder	90Percentile	100.3326905
wavelet-HLH	firstorder	Minimum	-581.4151806

wavelet-HLH	firstorder	Entropy	3.577398203
wavelet-HLH	firstorder	Range	1174.165521
wavelet-HLH	firstorder	Variance	10499.65824
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wavelet-HLH	firstorder	Kurtosis	8.970431046
wavelet-HLH	firstorder	Mean	-0.532472189
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002244167
wavelet-HLH	glrlm	GrayLevelVariance	20.6405739
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.002466504
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.112055825
wavelet-HLH	glrlm	RunVariance	0.428830774
wavelet-HLH	glrlm	GrayLevelNonUniformity	306.0160754
wavelet-HLH	glrlm	LongRunEmphasis	1.976375853
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	541.2283531
wavelet-HLH	glrlm	RunLengthNonUniformity	1946.931609
wavelet-HLH	glrlm	ShortRunEmphasis	0.868670234
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	1205.241402
wavelet-HLH	glrlm	RunPercentage	0.805341691
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.004110713
wavelet-HLH	glrlm	RunEntropy	4.590657732
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	620.0034205
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.712938918
wavelet-HLH	glszm	GrayLevelVariance	48.03431272
wavelet-HLH	glszm	ZoneVariance	1356.73127
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.047667934
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.520066978
wavelet-HLH	glszm	SizeZoneNonUniformity	511.2258393
wavelet-HLH	glszm	GrayLevelNonUniformity	46.85757884
wavelet-HLH	glszm	LargeAreaEmphasis	1368.603255
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	492.0583743
wavelet-HLH	glszm	ZonePercentage	0.29022734
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	2.293735409
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	818985.5015
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	648.0600203
wavelet-HLH	glszm	SmallAreaEmphasis	0.749048271
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.003781021
wavelet-HLH	glszm	ZoneEntropy	6.056747006
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.00330456
wavelet-HLH	ngtdm	Coarseness	0.002431016
wavelet-HLH	ngtdm	Complexity	2241.612006
wavelet-HLH	ngtdm	Strength	2.116322061
wavelet-HLH	ngtdm	Contrast	0.041481544
wavelet-HLH	ngtdm	Busyness	0.230130771

Image type	Feature Class	Feature Name	
general	info	BoundingBox	15: RTSTRUCT: C99-DNU_segment_LLL GTV (1, 1, 1, 13, 12, 13)
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general	info	ImageSpacing	(1.26953125, 1.26953125, 2.0)
general	info	MaskHash	2af89edbb5bed0988ae50843f22adfb542152cd5
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	878
original	shape	Maximum3DDiameter	43.05810028
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original	shape	MinorAxis	33.71638343
original	shape	Elongation	0.941660392
original	shape	SurfaceVolumeRatio	0.204457051
original	shape	Volume	23706
original	shape	MajorAxis	35.80524754
original	shape	SurfaceArea	4846.85886
original	shape	Flatness	0.80558607
original	shape	LeastAxis	28.84420866
original	shape	Maximum2DDiameterColumn	39
original	shape	Maximum2DDiameterRow	41.67733197
original	gldm	GrayLevelVariance	26.72587445
original	gldm	HighGrayLevelEmphasis	713.2494305
original	gldm	DependenceEntropy	6.159095086
original	gldm	DependenceNonUniformity	72.0022779
original	gldm	GrayLevelNonUniformity	179.284738
original	gldm	SmallDependenceEmphasis	0.23186201
original	gldm	SmallDependenceHighGrayLevelEmphasis	112.1926355
original	gldm	DependenceNonUniformityNormalized	0.08200715
original	gldm	LargeDependenceEmphasis	75.6332574
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.096780748
original	gldm	DependenceVariance	24.63609051
original	gldm	LargeDependenceHighGrayLevelEmphasis	61078.58656
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.002729327
original	gldm	LowGrayLevelEmphasis	0.003832819
original	glcm	JointAverage	27.01999092
original	glcm	SumAverage	54.03998185
original	glcm	JointEntropy	5.148791923

original	glcm	ClusterShade	-1010.391043
original	glcm	MaximumProbability	0.148151558
original	glcm	Idmn	0.983172294
original	glcm	JointEnergy	0.071781382
original	glcm	Contrast	19.15728347
original	glcm	DifferenceEntropy	2.711392398
original	glcm	InverseVariance	0.406342811
original	glcm	DifferenceVariance	13.67169102
original	glcm	Idn	0.939022111
original	glcm	Idm	0.510228702
original	glcm	Correlation	0.443005676
original	glcm	Autocorrelation	737.9120809
original	glcm	SumEntropy	3.638545825
original	glcm	SumSquares	17.40030656
original	glcm	ClusterProminence	30394.2358
original	glcm	Imc2	0.727209649
original	glcm	Imc1	-0.13776233
original	glcm	DifferenceAverage	2.336353187
original	glcm	Id	0.549155679
original	glcm	ClusterTendency	50.44394278
original	firstorder	InterquartileRange	51
original	firstorder	Skewness	-2.41647881
original	firstorder	Uniformity	0.20419674
original	firstorder	Median	17
original	firstorder	Energy	15550139
original	firstorder	RobustMeanAbsoluteDeviation	37.33190234
original	firstorder	MeanAbsoluteDeviation	87.88457407
original	firstorder	TotalEnergy	419853753
original	firstorder	Maximum	96
original	firstorder	RootMeanSquared	133.0821719
original	firstorder	90Percentile	47
original	firstorder	Minimum	-667
original	firstorder	Entropy	3.129854448
original	firstorder	Range	763
original	firstorder	Variance	16623.29224
original	firstorder	10Percentile	-211.6
original	firstorder	Kurtosis	8.589000634
original	firstorder	Mean	-32.97835991
original	glrlm	ShortRunLowGrayLevelEmphasis	0.004408619
original	glrlm	GrayLevelVariance	32.57145555
original	glrlm	LowGrayLevelRunEmphasis	0.004626384
original	glrlm	GrayLevelNonUniformityNormalized	0.156208058
original	glrlm	RunVariance	0.486068283
original	glrlm	GrayLevelNonUniformity	104.7946414
original	glrlm	LongRunEmphasis	2.202405901
original	glrlm	ShortRunHighGrayLevelEmphasis	548.2779036
original	glrlm	RunLengthNonUniformity	432.3634726
original	glrlm	ShortRunEmphasis	0.830404973
original	glrlm	LongRunHighGrayLevelEmphasis	1654.158268
original	glrlm	RunPercentage	0.763798844
original	glrlm	LongRunLowGrayLevelEmphasis	0.006145966
original	glrlm	RunEntropy	4.335473997
original	glrlm	HighGrayLevelRunEmphasis	684.649253
original	glrlm	RunLengthNonUniformityNormalized	0.64446479
original	glszm	GrayLevelVariance	49.00362674



original	glszm	ZoneVariance	685.6780883
original	glszm	GrayLevelNonUniformityNormalized	0.0499733
original	glszm	SizeZoneNonUniformityNormalized	0.652278391
original	glszm	SizeZoneNonUniformity	138.2830189
original	glszm	GrayLevelNonUniformity	10.59433962
original	glszm	LargeAreaEmphasis	702.8301887
original	glszm	SmallAreaHighGrayLevelEmphasis	376.5048651
original	glszm	ZonePercentage	0.241457859
original	glszm	LargeAreaLowGrayLevelEmphasis	0.880719315
original	glszm	LargeAreaHighGrayLevelEmphasis	568686.5047
original	glszm	HighGrayLevelZoneEmphasis	467.9009434
original	glszm	SmallAreaEmphasis	0.833237109
original	glszm	LowGrayLevelZoneEmphasis	0.011552681
original	glszm	ZoneEntropy	5.335024687
original	glszm	SmallAreaLowGrayLevelEmphasis	0.011039169
original	ngtdm	Coarseness	0.005092209
original	ngtdm	Complexity	922.6229032
original	ngtdm	Strength	6.480477594
original	ngtdm	Contrast	0.128921224
original	ngtdm	Busyness	0.15438362
wavelet-HHH	gldm	GrayLevelVariance	5.306375538
wavelet-HHH	gldm	HighGrayLevelEmphasis	246.2984055
wavelet-HHH	gldm	DependenceEntropy	5.880635623
wavelet-HHH	gldm	DependenceNonUniformity	73.98177677
wavelet-HHH	gldm	GrayLevelNonUniformity	160.9476082
wavelet-HHH	gldm	SmallDependenceEmphasis	0.204385191
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	52.11464221
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.084261705
wavelet-HHH	gldm	LargeDependenceEmphasis	51.77904328
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.217145
wavelet-HHH	gldm	DependenceVariance	16.59441887
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	12611.76082
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003356072
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.006740396
wavelet-HHH	glcm	JointAverage	15.54552985
wavelet-HHH	glcm	SumAverage	31.09105971
wavelet-HHH	glcm	JointEntropy	5.300269564
wavelet-HHH	glcm	ClusterShade	-3.847466299
wavelet-HHH	glcm	MaximumProbability	0.111889551
wavelet-HHH	glcm	Idmn	0.988899883
wavelet-HHH	glcm	JointEnergy	0.051804754
wavelet-HHH	glcm	Contrast	8.246184556
wavelet-HHH	glcm	DifferenceEntropy	2.555898911
wavelet-HHH	glcm	InverseVariance	0.413913879
wavelet-HHH	glcm	DifferenceVariance	4.762884744
wavelet-HHH	glcm	Idn	0.938415037
wavelet-HHH	glcm	Idm	0.463976809
wavelet-HHH	glcm	Correlation	-0.029312197
wavelet-HHH	glcm	Autocorrelation	241.5241206
wavelet-HHH	glcm	SumEntropy	3.267895797
wavelet-HHH	glcm	SumSquares	3.983479085
wavelet-HHH	glcm	ClusterProminence	495.5351466
wavelet-HHH	glcm	Imc2	0.580621012
wavelet-HHH	glcm	Imc1	-0.07657137
wavelet-HHH	glcm	DifferenceAverage	1.852689043

wavelet-HHH	glcm	Id	0.517662094
wavelet-HHH	glcm	ClusterTendency	7.687731784
wavelet-HHH	firstorder	InterquartileRange	43.25114685
wavelet-HHH	firstorder	Skewness	-0.465058855
wavelet-HHH	firstorder	Uniformity	0.183311627
wavelet-HHH	firstorder	Median	1.19252456
wavelet-HHH	firstorder	Energy	2884125.161
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	18.78407646
wavelet-HHH	firstorder	MeanAbsoluteDeviation	36.5562896
wavelet-HHH	firstorder	TotalEnergy	77871379.34
wavelet-HHH	firstorder	Maximum	250.8891749
wavelet-HHH	firstorder	RootMeanSquared	57.31387784
wavelet-HHH	firstorder	90Percentile	57.94316056
wavelet-HHH	firstorder	Minimum	-356.5538615
wavelet-HHH	firstorder	Entropy	2.962814997
wavelet-HHH	firstorder	Range	607.4430365
wavelet-HHH	firstorder	Variance	3284.738479
wavelet-HHH	firstorder	10Percentile	-51.00636004
wavelet-HHH	firstorder	Kurtosis	9.105383122
wavelet-HHH	firstorder	Mean	0.376980209
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.006768107
wavelet-HHH	glrlm	GrayLevelVariance	6.349236004
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.007345336
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.15614403
wavelet-HHH	glrlm	RunVariance	0.342895531
wavelet-HHH	glrlm	GrayLevelNonUniformity	111.1324849
wavelet-HHH	glrlm	LongRunEmphasis	1.869735843
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	213.169357
wavelet-HHH	glrlm	RunLengthNonUniformity	497.8377439
wavelet-HHH	glrlm	ShortRunEmphasis	0.861736465
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	458.8473949
wavelet-HHH	glrlm	RunPercentage	0.810320659
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.010964567
wavelet-HHH	glrlm	RunEntropy	3.889088702
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	246.8932776
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.699064094
wavelet-HHH	glszm	GrayLevelVariance	19.10728395
wavelet-HHH	glszm	ZoneVariance	635.3739506
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.080864198
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.546851852
wavelet-HHH	glszm	SizeZoneNonUniformity	98.43333333
wavelet-HHH	glszm	GrayLevelNonUniformity	14.55555556
wavelet-HHH	glszm	LargeAreaEmphasis	659.1666667
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	197.8709367
wavelet-HHH	glszm	ZonePercentage	0.20501139
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.753782313
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	159522.6222
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	253.8777778
wavelet-HHH	glszm	SmallAreaEmphasis	0.764222522
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.016487967
wavelet-HHH	glszm	ZoneEntropy	5.044849635
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015327258
wavelet-HHH	ngtdm	Coarseness	0.008109775
wavelet-HHH	ngtdm	Complexity	306.5536541
wavelet-HHH	ngtdm	Strength	1.49637738

wavelet-HHH	ngtdm	Contrast	0.040213424
wavelet-HHH	ngtdm	Busyness	0.260599291
wavelet-HLL	gldm	GrayLevelVariance	27.53648539
wavelet-HLL	gldm	HighGrayLevelEmphasis	288.738041
wavelet-HLL	gldm	DependenceEntropy	6.64144143
wavelet-HLL	gldm	DependenceNonUniformity	112.3166287
wavelet-HLL	gldm	GrayLevelNonUniformity	85.91571754
wavelet-HLL	gldm	SmallDependenceEmphasis	0.295812026
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	91.16287597
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.127923267
wavelet-HLL	gldm	LargeDependenceEmphasis	37.26879271
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.140841809
wavelet-HLL	gldm	DependenceVariance	15.71720259
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	10973.28702
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.004090197
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.007878733
wavelet-HLL	glcm	JointAverage	15.94914605
wavelet-HLL	glcm	SumAverage	31.8982921
wavelet-HLL	glcm	JointEntropy	6.914640996
wavelet-HLL	glcm	ClusterShade	301.3111696
wavelet-HLL	glcm	MaximumProbability	0.084424934
wavelet-HLL	glcm	Idmn	0.984150576
wavelet-HLL	glcm	JointEnergy	0.022665015
wavelet-HLL	glcm	Contrast	36.13074715
wavelet-HLL	glcm	DifferenceEntropy	3.359232941
wavelet-HLL	glcm	InverseVariance	0.31526069
wavelet-HLL	glcm	DifferenceVariance	22.46252942
wavelet-HLL	glcm	Idn	0.931454465
wavelet-HLL	glcm	Idm	0.350949521
wavelet-HLL	glcm	Correlation	0.198808726
wavelet-HLL	glcm	Autocorrelation	259.4576237
wavelet-HLL	glcm	SumEntropy	4.462049731
wavelet-HLL	glcm	SumSquares	23.13585699
wavelet-HLL	glcm	ClusterProminence	29185.19545
wavelet-HLL	glcm	Imc2	0.858844982
wavelet-HLL	glcm	Imc1	-0.180948223
wavelet-HLL	glcm	DifferenceAverage	3.621998807
wavelet-HLL	glcm	Id	0.418266058
wavelet-HLL	glcm	ClusterTendency	56.41268082
wavelet-HLL	firstorder	InterquartileRange	106.5605076
wavelet-HLL	firstorder	Skewness	0.918517484
wavelet-HLL	firstorder	Uniformity	0.097853892
wavelet-HLL	firstorder	Median	-17.59761238
wavelet-HLL	firstorder	Energy	16097842.62
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	49.23603731
wavelet-HLL	firstorder	MeanAbsoluteDeviation	87.44304995
wavelet-HLL	firstorder	TotalEnergy	434641750.8
wavelet-HLL	firstorder	Maximum	674.9991912
wavelet-HLL	firstorder	RootMeanSquared	135.4055859
wavelet-HLL	firstorder	90Percentile	73.2855888
wavelet-HLL	firstorder	Minimum	-418.5070148
wavelet-HLL	firstorder	Entropy	4.021049921
wavelet-HLL	firstorder	Range	1093.506206
wavelet-HLL	firstorder	Variance	17203.94353
wavelet-HLL	firstorder	10Percentile	-197.4723708

wavelet-HLL	firstorder	Kurtosis	7.417621645
wavelet-HLL	firstorder	Mean	-33.62631644
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.008082401
wavelet-HLL	glrlm	GrayLevelVariance	30.92451133
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.008498713
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.080207342
wavelet-HLL	glrlm	RunVariance	0.246098953
wavelet-HLL	glrlm	GrayLevelNonUniformity	60.63350016
wavelet-HLL	glrlm	LongRunEmphasis	1.605540848
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	260.5096925
wavelet-HLL	glrlm	RunLengthNonUniformity	589.3194412
wavelet-HLL	glrlm	ShortRunEmphasis	0.902695409
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	464.9455796
wavelet-HLL	glrlm	RunPercentage	0.859908884
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.010923649
wavelet-HLL	glrlm	RunEntropy	4.734419016
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	288.5405313
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.778733379
wavelet-HLL	glszm	GrayLevelVariance	54.40298576
wavelet-HLL	glszm	ZoneVariance	167.3096695
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.046018992
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.455145179
wavelet-HLL	glszm	SizeZoneNonUniformity	134.722973
wavelet-HLL	glszm	GrayLevelNonUniformity	13.62162162
wavelet-HLL	glszm	LargeAreaEmphasis	176.1081081
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	222.4983427
wavelet-HLL	glszm	ZonePercentage	0.337129841
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.614873333
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	52629.18919
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	303.3175676
wavelet-HLL	glszm	SmallAreaEmphasis	0.701078532
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.013394854
wavelet-HLL	glszm	ZoneEntropy	6.03608475
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010866919
wavelet-HLL	ngtdm	Coarseness	0.008557207
wavelet-HLL	ngtdm	Complexity	1904.608109
wavelet-HLL	ngtdm	Strength	6.164815651
wavelet-HLL	ngtdm	Contrast	0.098795483
wavelet-HLL	ngtdm	Busyness	0.131829012
wavelet-LHL	gldm	GrayLevelVariance	30.32969422
wavelet-LHL	gldm	HighGrayLevelEmphasis	450.8132118
wavelet-LHL	gldm	DependenceEntropy	6.571937399
wavelet-LHL	gldm	DependenceNonUniformity	114.7084282
wavelet-LHL	gldm	GrayLevelNonUniformity	88.15034169
wavelet-LHL	gldm	SmallDependenceEmphasis	0.31321319
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	156.3507567
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.130647413
wavelet-LHL	gldm	LargeDependenceEmphasis	36.11617312
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.084425274
wavelet-LHL	gldm	DependenceVariance	15.38153081
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	16324.40319
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002649104
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004526799
wavelet-LHL	glcm	JointAverage	20.35844627
wavelet-LHL	glcm	SumAverage	40.71689253

wavelet-LHL	glcm	JointEntropy	6.927616451
wavelet-LHL	glcm	ClusterShade	269.6967633
wavelet-LHL	glcm	MaximumProbability	0.077834448
wavelet-LHL	glcm	Idmn	0.986029795
wavelet-LHL	glcm	JointEnergy	0.02295396
wavelet-LHL	glcm	Contrast	41.07222095
wavelet-LHL	glcm	DifferenceEntropy	3.397406099
wavelet-LHL	glcm	InverseVariance	0.314013779
wavelet-LHL	glcm	DifferenceVariance	26.42801213
wavelet-LHL	glcm	Idn	0.936945834
wavelet-LHL	glcm	Idm	0.346806025
wavelet-LHL	glcm	Correlation	0.15895937
wavelet-LHL	glcm	Autocorrelation	419.0507918
wavelet-LHL	glcm	SumEntropy	4.468938572
wavelet-LHL	glcm	SumSquares	25.11253094
wavelet-LHL	glcm	ClusterProminence	32678.89542
wavelet-LHL	glcm	Imc2	0.865855665
wavelet-LHL	glcm	Imc1	-0.185589368
wavelet-LHL	glcm	DifferenceAverage	3.760129302
wavelet-LHL	glcm	Id	0.414592469
wavelet-LHL	glcm	ClusterTendency	59.37790283
wavelet-LHL	firstorder	InterquartileRange	96.45505365
wavelet-LHL	firstorder	Skewness	0.896802372
wavelet-LHL	firstorder	Uniformity	0.100399022
wavelet-LHL	firstorder	Median	-13.03011706
wavelet-LHL	firstorder	Energy	17087207.94
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	44.65153989
wavelet-LHL	firstorder	MeanAbsoluteDeviation	86.95128975
wavelet-LHL	firstorder	TotalEnergy	461354614.4
wavelet-LHL	firstorder	Maximum	705.0457969
wavelet-LHL	firstorder	RootMeanSquared	139.5045249
wavelet-LHL	firstorder	90Percentile	83.67902978
wavelet-LHL	firstorder	Minimum	-512.0702756
wavelet-LHL	firstorder	Entropy	4.046560969
wavelet-LHL	firstorder	Range	1217.116072
wavelet-LHL	firstorder	Variance	18860.41997
wavelet-LHL	firstorder	10Percentile	-190.5849752
wavelet-LHL	firstorder	Kurtosis	8.019777099
wavelet-LHL	firstorder	Mean	-24.51718767
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.004631981
wavelet-LHL	glrlm	GrayLevelVariance	34.37204619
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.004866689
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.08248079
wavelet-LHL	glrlm	RunVariance	0.235481543
wavelet-LHL	glrlm	GrayLevelNonUniformity	62.5980551
wavelet-LHL	glrlm	LongRunEmphasis	1.581918826
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	409.4655727
wavelet-LHL	glrlm	RunLengthNonUniformity	592.3939504
wavelet-LHL	glrlm	ShortRunEmphasis	0.904127894
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	711.8866087
wavelet-LHL	glrlm	RunPercentage	0.86332574
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.006240956
wavelet-LHL	glrlm	RunEntropy	4.759537802
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	451.7983414
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.780494582

wavelet-LHL	glszm	GrayLevelVariance	69.34356439
wavelet-LHL	glszm	ZoneVariance	178.5411125
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.04025682
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.520944956
wavelet-LHL	glszm	SizeZoneNonUniformity	155.7625418
wavelet-LHL	glszm	GrayLevelNonUniformity	12.0367893
wavelet-LHL	glszm	LargeAreaEmphasis	187.1638796
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	390.4147627
wavelet-LHL	glszm	ZonePercentage	0.340546697
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.423883995
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	84722.13378
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	491.9966555
wavelet-LHL	glszm	SmallAreaEmphasis	0.749558424
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.008146781
wavelet-LHL	glszm	ZoneEntropy	6.06994285
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007232269
wavelet-LHL	ngtdm	Coarseness	0.008507263
wavelet-LHL	ngtdm	Complexity	2430.102304
wavelet-LHL	ngtdm	Strength	7.82503369
wavelet-LHL	ngtdm	Contrast	0.089113466
wavelet-LHL	ngtdm	Busyness	0.089821145
wavelet-LHH	gldm	GrayLevelVariance	10.76546406
wavelet-LHH	gldm	HighGrayLevelEmphasis	476.4009112
wavelet-LHH	gldm	DependenceEntropy	6.127401115
wavelet-LHH	gldm	DependenceNonUniformity	87.92710706
wavelet-LHH	gldm	GrayLevelNonUniformity	129.0865604
wavelet-LHH	gldm	SmallDependenceEmphasis	0.230346123
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	114.9302899
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.100144769
wavelet-LHH	gldm	LargeDependenceEmphasis	41.81548975
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.092225229
wavelet-LHH	gldm	DependenceVariance	14.84178164
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	19420.66059
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001963151
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.003666535
wavelet-LHH	glcm	JointAverage	21.5211953
wavelet-LHH	glcm	SumAverage	43.0423906
wavelet-LHH	glcm	JointEntropy	5.868790638
wavelet-LHH	glcm	ClusterShade	-61.06949229
wavelet-LHH	glcm	MaximumProbability	0.091488348
wavelet-LHH	glcm	Idmn	0.991294205
wavelet-LHH	glcm	JointEnergy	0.037330467
wavelet-LHH	glcm	Contrast	15.58170709
wavelet-LHH	glcm	DifferenceEntropy	2.813025472
wavelet-LHH	glcm	InverseVariance	0.393340427
wavelet-LHH	glcm	DifferenceVariance	9.916840401
wavelet-LHH	glcm	Idn	0.948580625
wavelet-LHH	glcm	Idm	0.418718111
wavelet-LHH	glcm	Correlation	0.03353654
wavelet-LHH	glcm	Autocorrelation	463.4620273
wavelet-LHH	glcm	SumEntropy	3.661518598
wavelet-LHH	glcm	SumSquares	8.087805128
wavelet-LHH	glcm	ClusterProminence	3791.03639
wavelet-LHH	glcm	Imc2	0.705734028
wavelet-LHH	glcm	Imc1	-0.112305796

wavelet-LHH	glcm	DifferenceAverage	2.360720727
wavelet-LHH	glcm	Id	0.478612278
wavelet-LHH	glcm	ClusterTendency	16.76951342
wavelet-LHH	firstorder	InterquartileRange	55.97726518
wavelet-LHH	firstorder	Skewness	-0.685364915
wavelet-LHH	firstorder	Uniformity	0.147023417
wavelet-LHH	firstorder	Median	-0.061354359
wavelet-LHH	firstorder	Energy	5828813.462
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	24.86953183
wavelet-LHH	firstorder	MeanAbsoluteDeviation	49.07652249
wavelet-LHH	firstorder	TotalEnergy	157377963.5
wavelet-LHH	firstorder	Maximum	465.4963563
wavelet-LHH	firstorder	RootMeanSquared	81.47846161
wavelet-LHH	firstorder	90Percentile	76.27139808
wavelet-LHH	firstorder	Minimum	-512.7585348
wavelet-LHH	firstorder	Entropy	3.334694331
wavelet-LHH	firstorder	Range	978.2548912
wavelet-LHH	firstorder	Variance	6635.618099
wavelet-LHH	firstorder	10Percentile	-64.77108127
wavelet-LHH	firstorder	Kurtosis	11.86090901
wavelet-LHH	firstorder	Mean	1.766807233
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.003703488
wavelet-LHH	glrlm	GrayLevelVariance	12.58219548
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.003955124
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.126770056
wavelet-LHH	glrlm	RunVariance	0.288063408
wavelet-LHH	glrlm	GrayLevelNonUniformity	93.4245296
wavelet-LHH	glrlm	LongRunEmphasis	1.716526475
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	424.9488321
wavelet-LHH	glrlm	RunLengthNonUniformity	547.6690898
wavelet-LHH	glrlm	ShortRunEmphasis	0.884803243
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	811.880851
wavelet-LHH	glrlm	RunPercentage	0.838706851
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.005514708
wavelet-LHH	glrlm	RunEntropy	4.149602558
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	478.5684602
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.742415472
wavelet-LHH	glszm	GrayLevelVariance	36.03246263
wavelet-LHH	glszm	ZoneVariance	380.0457407
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.062658822
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.494700213
wavelet-LHH	glszm	SizeZoneNonUniformity	103.3923445
wavelet-LHH	glszm	GrayLevelNonUniformity	13.09569378
wavelet-LHH	glszm	LargeAreaEmphasis	397.6937799
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	369.1933252
wavelet-LHH	glszm	ZonePercentage	0.238041002
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.876208701
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	182549.7129
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	501.8899522
wavelet-LHH	glszm	SmallAreaEmphasis	0.730380591
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008356025
wavelet-LHH	glszm	ZoneEntropy	5.605252982
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.007710585
wavelet-LHH	ngtdm	Coarseness	0.008232749
wavelet-LHH	ngtdm	Complexity	964.7740149

wavelet-LHH	ngtdm	Strength	4.441452751
wavelet-LHH	ngtdm	Contrast	0.040865802
wavelet-LHH	ngtdm	Busyness	0.110101805
wavelet-LLH	gldm	GrayLevelVariance	24.62647688
wavelet-LLH	gldm	HighGrayLevelEmphasis	1557.1082
wavelet-LLH	gldm	DependenceEntropy	6.450555092
wavelet-LLH	gldm	DependenceNonUniformity	106.022779
wavelet-LLH	gldm	GrayLevelNonUniformity	94.85649203
wavelet-LLH	gldm	SmallDependenceEmphasis	0.299666636
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	464.2467745
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.120754874
wavelet-LLH	gldm	LargeDependenceEmphasis	36.13895216
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023509198
wavelet-LLH	gldm	DependenceVariance	14.2902486
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	58785.15148
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001369342
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.001829098
wavelet-LLH	glcm	JointAverage	39.25080981
wavelet-LLH	glcm	SumAverage	78.50161962
wavelet-LLH	glcm	JointEntropy	6.617841506
wavelet-LLH	glcm	ClusterShade	-176.3416445
wavelet-LLH	glcm	MaximumProbability	0.082708325
wavelet-LLH	glcm	Idmn	0.993237123
wavelet-LLH	glcm	JointEnergy	0.027324251
wavelet-LLH	glcm	Contrast	27.89641549
wavelet-LLH	glcm	DifferenceEntropy	3.225456052
wavelet-LLH	glcm	InverseVariance	0.339271189
wavelet-LLH	glcm	DifferenceVariance	17.20464141
wavelet-LLH	glcm	Idn	0.953769054
wavelet-LLH	glcm	Idm	0.365744385
wavelet-LLH	glcm	Correlation	0.209546976
wavelet-LLH	glcm	Autocorrelation	1544.370916
wavelet-LLH	glcm	SumEntropy	4.252361628
wavelet-LLH	glcm	SumSquares	17.68416234
wavelet-LLH	glcm	ClusterProminence	17120.17071
wavelet-LLH	glcm	Imc2	0.82034636
wavelet-LLH	glcm	Imc1	-0.158144591
wavelet-LLH	glcm	DifferenceAverage	3.234557341
wavelet-LLH	glcm	Id	0.431411984
wavelet-LLH	glcm	ClusterTendency	42.84023388
wavelet-LLH	firstorder	InterquartileRange	88.73798296
wavelet-LLH	firstorder	Skewness	-0.769344289
wavelet-LLH	firstorder	Uniformity	0.108037007
wavelet-LLH	firstorder	Median	-13.7370033
wavelet-LLH	firstorder	Energy	14473928.22
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	42.58307062
wavelet-LLH	firstorder	MeanAbsoluteDeviation	80.31395791
wavelet-LLH	firstorder	TotalEnergy	390796062
wavelet-LLH	firstorder	Maximum	531.7601322
wavelet-LLH	firstorder	RootMeanSquared	128.3943607
wavelet-LLH	firstorder	90Percentile	58.91036388
wavelet-LLH	firstorder	Minimum	-976.7104414
wavelet-LLH	firstorder	Entropy	3.892582455
wavelet-LLH	firstorder	Range	1508.470574
wavelet-LLH	firstorder	Variance	15339.18493



wavelet-LLH	firstorder	10Percentile	-179.3510361
wavelet-LLH	firstorder	Kurtosis	10.43505168
wavelet-LLH	firstorder	Mean	-33.85154264
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001966337
wavelet-LLH	glrlm	GrayLevelVariance	27.96958317
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.002028158
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.089796277
wavelet-LLH	glrlm	RunVariance	0.253644797
wavelet-LLH	glrlm	GrayLevelNonUniformity	67.75562453
wavelet-LLH	glrlm	LongRunEmphasis	1.614336844
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1392.868968
wavelet-LLH	glrlm	RunLengthNonUniformity	587.0251991
wavelet-LLH	glrlm	ShortRunEmphasis	0.902385911
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2540.093555
wavelet-LLH	glrlm	RunPercentage	0.85868232
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.00241225
wavelet-LLH	glrlm	RunEntropy	4.626650729
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1548.883302
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.777521414
wavelet-LLH	glszm	GrayLevelVariance	60.26342435
wavelet-LLH	glszm	ZoneVariance	213.7142614
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.046753026
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.534242251
wavelet-LLH	glszm	SizeZoneNonUniformity	153.3275261
wavelet-LLH	glszm	GrayLevelNonUniformity	13.41811847
wavelet-LLH	glszm	LargeAreaEmphasis	223.0731707
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1182.462091
wavelet-LLH	glszm	ZonePercentage	0.326879271
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.140589647
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	363968.9373
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1533.271777
wavelet-LLH	glszm	SmallAreaEmphasis	0.758195144
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004256587
wavelet-LLH	glszm	ZoneEntropy	5.878264961
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.004078755
wavelet-LLH	ngtdm	Coarseness	0.008246022
wavelet-LLH	ngtdm	Complexity	2067.68736
wavelet-LLH	ngtdm	Strength	8.043787983
wavelet-LLH	ngtdm	Contrast	0.074931863
wavelet-LLH	ngtdm	Busyness	0.050117998
wavelet-LLL	gldm	GrayLevelVariance	236.7875647
wavelet-LLL	gldm	HighGrayLevelEmphasis	4526.440774
wavelet-LLL	gldm	DependenceEntropy	7.023623419
wavelet-LLL	gldm	DependenceNonUniformity	173.0273349
wavelet-LLL	gldm	GrayLevelNonUniformity	51.90432802
wavelet-LLL	gldm	SmallDependenceEmphasis	0.44507113
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1514.730644
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.197069857
wavelet-LLL	gldm	LargeDependenceEmphasis	26.84510251
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006486188
wavelet-LLL	gldm	DependenceVariance	12.52948044
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	149561.2699
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001740468
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001849348
wavelet-LLL	glcm	JointAverage	68.56995745

wavelet-LLL	glcm	SumAverage	137.1399149
wavelet-LLL	glcm	JointEntropy	7.852882506
wavelet-LLL	glcm	ClusterShade	-22416.83159
wavelet-LLL	glcm	MaximumProbability	0.045034933
wavelet-LLL	glcm	Idmn	0.978922855
wavelet-LLL	glcm	JointEnergy	0.011823404
wavelet-LLL	glcm	Contrast	161.4618211
wavelet-LLL	glcm	DifferenceEntropy	4.200493421
wavelet-LLL	glcm	InverseVariance	0.266547971
wavelet-LLL	glcm	DifferenceVariance	102.4007105
wavelet-LLL	glcm	Idn	0.92465794
wavelet-LLL	glcm	Idm	0.282367892
wavelet-LLL	glcm	Correlation	0.505684773
wavelet-LLL	glcm	Autocorrelation	4786.4889
wavelet-LLL	glcm	SumEntropy	5.384185854
wavelet-LLL	glcm	SumSquares	165.2364023
wavelet-LLL	glcm	ClusterProminence	1801553.42
wavelet-LLL	glcm	Imc2	0.955885372
wavelet-LLL	glcm	Imc1	-0.271759895
wavelet-LLL	glcm	DifferenceAverage	7.647703745
wavelet-LLL	glcm	Id	0.344078678
wavelet-LLL	glcm	ClusterTendency	499.483788
wavelet-LLL	firstorder	InterquartileRange	422.534283
wavelet-LLL	firstorder	Skewness	-1.634246521
wavelet-LLL	firstorder	Uniformity	0.059116547
wavelet-LLL	firstorder	Median	47.24395733
wavelet-LLL	firstorder	Energy	149619932.8
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	194.926948
wavelet-LLL	firstorder	MeanAbsoluteDeviation	302.2045232
wavelet-LLL	firstorder	TotalEnergy	4039738187
wavelet-LLL	firstorder	Maximum	270.6545692
wavelet-LLL	firstorder	RootMeanSquared	412.8073961
wavelet-LLL	firstorder	90Percentile	134.4939095
wavelet-LLL	firstorder	Minimum	-1762.058667
wavelet-LLL	firstorder	Entropy	4.946587683
wavelet-LLL	firstorder	Range	2032.713236
wavelet-LLL	firstorder	Variance	147984.6437
wavelet-LLL	firstorder	10Percentile	-743.901637
wavelet-LLL	firstorder	Kurtosis	5.11801437
wavelet-LLL	firstorder	Mean	-149.7508015
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.002036779
wavelet-LLL	glrlm	GrayLevelVariance	252.4341454
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.002050331
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.048424477
wavelet-LLL	glrlm	RunVariance	0.176512182
wavelet-LLL	glrlm	GrayLevelNonUniformity	38.00351808
wavelet-LLL	glrlm	LongRunEmphasis	1.433026255
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3988.887144
wavelet-LLL	glrlm	RunLengthNonUniformity	648.4871713
wavelet-LLL	glrlm	ShortRunEmphasis	0.926257798
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	6817.848374
wavelet-LLL	glrlm	RunPercentage	0.892938497
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.002129127
wavelet-LLL	glrlm	RunEntropy	5.537375738
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	4399.549906

wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.826511271
wavelet-LLL	glszm	GrayLevelVariance	299.8557314
wavelet-LLL	glszm	ZoneVariance	76.59943997
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.02110454
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.68908543
wavelet-LLL	glszm	SizeZoneNonUniformity	283.2141119
wavelet-LLL	glszm	GrayLevelNonUniformity	8.673965937
wavelet-LLL	glszm	LargeAreaEmphasis	81.16301703
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2735.743178
wavelet-LLL	glszm	ZonePercentage	0.468109339
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.017996988
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	455188.9173
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3438.854015
wavelet-LLL	glszm	SmallAreaEmphasis	0.853828412
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.003733587
wavelet-LLL	glszm	ZoneEntropy	6.431379145
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003696948
wavelet-LLL	ngtdm	Coarseness	0.006508183
wavelet-LLL	ngtdm	Complexity	14425.21147
wavelet-LLL	ngtdm	Strength	29.61541428
wavelet-LLL	ngtdm	Contrast	0.569511535
wavelet-LLL	ngtdm	Busyness	0.022200898
wavelet-HHL	gldm	GrayLevelVariance	5.662705414
wavelet-HHL	gldm	HighGrayLevelEmphasis	189.0831435
wavelet-HHL	gldm	DependenceEntropy	5.988770365
wavelet-HHL	gldm	DependenceNonUniformity	80.5284738
wavelet-HHL	gldm	GrayLevelNonUniformity	143.0113895
wavelet-HHL	gldm	SmallDependenceEmphasis	0.204633022
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	43.97856594
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.09171808
wavelet-HHL	gldm	LargeDependenceEmphasis	46.45558087
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.262856978
wavelet-HHL	gldm	DependenceVariance	15.43651704
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	8390.023918
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002532373
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.007155781
wavelet-HHL	glcm	JointAverage	13.54229171
wavelet-HHL	glcm	SumAverage	27.08458341
wavelet-HHL	glcm	JointEntropy	5.702941676
wavelet-HHL	glcm	ClusterShade	18.57183447
wavelet-HHL	glcm	MaximumProbability	0.101064138
wavelet-HHL	glcm	Idmn	0.984759255
wavelet-HHL	glcm	JointEnergy	0.041099269
wavelet-HHL	glcm	Contrast	9.682058698
wavelet-HHL	glcm	DifferenceEntropy	2.70181577
wavelet-HHL	glcm	InverseVariance	0.390925862
wavelet-HHL	glcm	DifferenceVariance	5.32981474
wavelet-HHL	glcm	Idn	0.926832502
wavelet-HHL	glcm	Idm	0.43549971
wavelet-HHL	glcm	Correlation	0.039015069
wavelet-HHL	glcm	Autocorrelation	183.6064193
wavelet-HHL	glcm	SumEntropy	3.507241965
wavelet-HHL	glcm	SumSquares	5.049901296
wavelet-HHL	glcm	ClusterProminence	798.6871751
wavelet-HHL	glcm	Imc2	0.641214527

wavelet-HHL	glcm	Imc1	-0.089844411
wavelet-HHL	glcm	DifferenceAverage	2.072107211
wavelet-HHL	glcm	Id	0.4942559
wavelet-HHL	glcm	ClusterTendency	10.51754649
wavelet-HHL	firstorder	InterquartileRange	49.06032216
wavelet-HHL	firstorder	Skewness	0.389077804
wavelet-HHL	firstorder	Uniformity	0.162883132
wavelet-HHL	firstorder	Median	-2.370078351
wavelet-HHL	firstorder	Energy	3043436.878
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	23.08743814
wavelet-HHL	firstorder	MeanAbsoluteDeviation	40.52123423
wavelet-HHL	firstorder	TotalEnergy	82172795.71
wavelet-HHL	firstorder	Maximum	253.2255379
wavelet-HHL	firstorder	RootMeanSquared	58.87553837
wavelet-HHL	firstorder	90Percentile	77.08871269
wavelet-HHL	firstorder	Minimum	-305.7976832
wavelet-HHL	firstorder	Entropy	3.105062208
wavelet-HHL	firstorder	Range	559.023221
wavelet-HHL	firstorder	Variance	3465.301758
wavelet-HHL	firstorder	10Percentile	-59.85097312
wavelet-HHL	firstorder	Kurtosis	6.180539272
wavelet-HHL	firstorder	Mean	1.013538564
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.006739487
wavelet-HHL	glrlm	GrayLevelVariance	6.61943561
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.007472035
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.140004597
wavelet-HHL	glrlm	RunVariance	0.308821335
wavelet-HHL	glrlm	GrayLevelNonUniformity	101.3903108
wavelet-HHL	glrlm	LongRunEmphasis	1.787207998
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	167.7808344
wavelet-HHL	glrlm	RunLengthNonUniformity	520.4966732
wavelet-HHL	glrlm	ShortRunEmphasis	0.871789099
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	333.2571668
wavelet-HHL	glrlm	RunPercentage	0.82425092
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.011928698
wavelet-HHL	glrlm	RunEntropy	3.967254785
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	190.907152
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.717856328
wavelet-HHL	glszm	GrayLevelVariance	17.62901701
wavelet-HHL	glszm	ZoneVariance	493.1000709
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.077859168
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.476724953
wavelet-HHL	glszm	SizeZoneNonUniformity	87.7173913
wavelet-HHL	glszm	GrayLevelNonUniformity	14.32608696
wavelet-HHL	glszm	LargeAreaEmphasis	515.8695652
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	160.8783815
wavelet-HHL	glszm	ZonePercentage	0.209567198
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	2.908281143
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	92665.96196
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	217.9130435
wavelet-HHL	glszm	SmallAreaEmphasis	0.716393499
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012246086
wavelet-HHL	glszm	ZoneEntropy	5.279032715
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.010528605
wavelet-HHL	ngtdm	Coarseness	0.008196192

wavelet-HHL	ngtdm	Complexity	303.4907229
wavelet-HHL	ngtdm	Strength	1.334474149
wavelet-HHL	ngtdm	Contrast	0.044167289
wavelet-HHL	ngtdm	Busyness	0.311541472
wavelet-HLH	gldm	GrayLevelVariance	7.155142667
wavelet-HLH	gldm	HighGrayLevelEmphasis	120.0034169
wavelet-HLH	gldm	DependenceEntropy	6.053471731
wavelet-HLH	gldm	DependenceNonUniformity	81.3166287
wavelet-HLH	gldm	GrayLevelNonUniformity	142.3963554
wavelet-HLH	gldm	SmallDependenceEmphasis	0.215993794
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	28.95917519
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.09261575
wavelet-HLH	gldm	LargeDependenceEmphasis	48.71298405
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.460041744
wavelet-HLH	gldm	DependenceVariance	16.67067938
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	5337.468109
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005166139
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.012745273
wavelet-HLH	glcm	JointAverage	10.61569242
wavelet-HLH	glcm	SumAverage	21.23138484
wavelet-HLH	glcm	JointEntropy	5.681900031
wavelet-HLH	glcm	ClusterShade	49.52411366
wavelet-HLH	glcm	MaximumProbability	0.106906353
wavelet-HLH	glcm	Idmn	0.983349404
wavelet-HLH	glcm	JointEnergy	0.044005251
wavelet-HLH	glcm	Contrast	10.79202836
wavelet-HLH	glcm	DifferenceEntropy	2.712090903
wavelet-HLH	glcm	InverseVariance	0.399099697
wavelet-HLH	glcm	DifferenceVariance	6.259754808
wavelet-HLH	glcm	Idn	0.926395203
wavelet-HLH	glcm	Idm	0.442929605
wavelet-HLH	glcm	Correlation	0.058525039
wavelet-HLH	glcm	Autocorrelation	113.1054279
wavelet-HLH	glcm	SumEntropy	3.553920124
wavelet-HLH	glcm	SumSquares	5.802812269
wavelet-HLH	glcm	ClusterProminence	1289.677571
wavelet-HLH	glcm	Imc2	0.668091292
wavelet-HLH	glcm	Imc1	-0.10181189
wavelet-HLH	glcm	DifferenceAverage	2.110357579
wavelet-HLH	glcm	Id	0.498980862
wavelet-HLH	glcm	ClusterTendency	12.41922072
wavelet-HLH	firstorder	InterquartileRange	48.17829458
wavelet-HLH	firstorder	Skewness	0.852754026
wavelet-HLH	firstorder	Uniformity	0.162182637
wavelet-HLH	firstorder	Median	-2.507348994
wavelet-HLH	firstorder	Energy	3911300.06
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	22.84901746
wavelet-HLH	firstorder	MeanAbsoluteDeviation	43.80648527
wavelet-HLH	firstorder	TotalEnergy	105605101.6
wavelet-HLH	firstorder	Maximum	329.8158111
wavelet-HLH	firstorder	RootMeanSquared	66.74416579
wavelet-HLH	firstorder	90Percentile	72.10446214
wavelet-HLH	firstorder	Minimum	-248.6688483
wavelet-HLH	firstorder	Entropy	3.190364164
wavelet-HLH	firstorder	Range	578.4846595

wavelet-HLH	firstorder	Variance	4448.496391
wavelet-HLH	firstorder	10Percentile	-62.31595696
wavelet-HLH	firstorder	Kurtosis	6.75675324
wavelet-HLH	firstorder	Mean	2.507444165
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.012245575
wavelet-HLH	glrlm	GrayLevelVariance	8.413865755
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.013464672
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.136318596
wavelet-HLH	glrlm	RunVariance	0.32779538
wavelet-HLH	glrlm	GrayLevelNonUniformity	98.29406442
wavelet-HLH	glrlm	LongRunEmphasis	1.817765329
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	107.777803
wavelet-HLH	glrlm	RunLengthNonUniformity	518.0183499
wavelet-HLH	glrlm	ShortRunEmphasis	0.871643848
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	212.1211834
wavelet-HLH	glrlm	RunPercentage	0.820746452
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.02119875
wavelet-HLH	glrlm	RunEntropy	4.078640573
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	122.0648061
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.717722259
wavelet-HLH	glszm	GrayLevelVariance	20.70751634
wavelet-HLH	glszm	ZoneVariance	468.8488082
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.07175125
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.460111496
wavelet-HLH	glszm	SizeZoneNonUniformity	93.8627451
wavelet-HLH	glszm	GrayLevelNonUniformity	14.6372549
wavelet-HLH	glszm	LargeAreaEmphasis	487.372549
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	95.44641664
wavelet-HLH	glszm	ZonePercentage	0.232346241
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	4.559254885
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	53027.66176
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	138.0686275
wavelet-HLH	glszm	SmallAreaEmphasis	0.705005995
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.023010004
wavelet-HLH	glszm	ZoneEntropy	5.41371128
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.02003993
wavelet-HLH	ngtdm	Coarseness	0.008681338
wavelet-HLH	ngtdm	Complexity	409.7495204
wavelet-HLH	ngtdm	Strength	1.85682105
wavelet-HLH	ngtdm	Contrast	0.044724531
wavelet-HLH	ngtdm	Busyness	0.321682992

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general	info	BoundingBox	4: RTSTRUCT: C99-DNU_segment_LUL GTV (0, 0, 1, 8, 8, 10)
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general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	138
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original	shape	Elongation	0.597802393
original	shape	SurfaceVolumeRatio	0.449540102
original	shape	Volume	3726
original	shape	MajorAxis	31.24797742
original	shape	SurfaceArea	1674.986422
original	shape	Flatness	0.374573325
original	shape	LeastAxis	11.70465881
original	shape	Maximum2DDiameterColumn	21.21320344
original	shape	Maximum2DDiameterRow	32.44996148
original	gldm	GrayLevelVariance	76.80996639
original	gldm	HighGrayLevelEmphasis	1031.978261
original	gldm	DependenceEntropy	5.601809446
original	gldm	DependenceNonUniformity	30.05797101
original	gldm	GrayLevelNonUniformity	13.66666667
original	gldm	SmallDependenceEmphasis	0.468629124
original	gldm	SmallDependenceHighGrayLevelEmphasis	348.2682711
original	gldm	DependenceNonUniformityNormalized	0.217811384
original	gldm	LargeDependenceEmphasis	18.91304348
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.024868207
original	gldm	DependenceVariance	7.898340685
original	gldm	LargeDependenceHighGrayLevelEmphasis	25190.81884
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.010763432
original	gldm	LowGrayLevelEmphasis	0.011256022
original	glcm	JointAverage	32.6227014
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original	glcm	JointEntropy	6.031813266
original	glcm	ClusterShade	-2410.569881
original	glcm	MaximumProbability	0.101572722
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original	glcm	ClusterProminence	98332.87771
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original	glcm	ClusterTendency	128.2087358
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original	firstorder	Skewness	-1.604944125
original	firstorder	Uniformity	0.099033816
original	firstorder	Median	-13.5
original	firstorder	Energy	8446171
original	firstorder	RobustMeanAbsoluteDeviation	105.8013148
original	firstorder	MeanAbsoluteDeviation	167.3655745
original	firstorder	TotalEnergy	228046617
original	firstorder	Maximum	160
original	firstorder	RootMeanSquared	247.3947002
original	firstorder	90Percentile	47
original	firstorder	Minimum	-866
original	firstorder	Entropy	4.16086944
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original	firstorder	Variance	47877.27562
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original	firstorder	Kurtosis	4.972227675
original	firstorder	Mean	-115.442029
original	glrlm	ShortRunLowGrayLevelEmphasis	0.012244073
original	glrlm	GrayLevelVariance	80.49138441
original	glrlm	LowGrayLevelRunEmphasis	0.012295534
original	glrlm	GrayLevelNonUniformityNormalized	0.081311868
original	glrlm	RunVariance	0.129345938
original	glrlm	GrayLevelNonUniformity	10.24417416
original	glrlm	LongRunEmphasis	1.339596695
original	glrlm	ShortRunHighGrayLevelEmphasis	917.1690825
original	glrlm	RunLengthNonUniformity	106.8951342
original	glrlm	ShortRunEmphasis	0.936160851
original	glrlm	LongRunHighGrayLevelEmphasis	1456.090766
original	glrlm	RunPercentage	0.910813824
original	glrlm	LongRunLowGrayLevelEmphasis	0.012563256
original	glrlm	RunEntropy	4.622071632
original	glrlm	HighGrayLevelRunEmphasis	1002.005372
original	glrlm	RunLengthNonUniformityNormalized	0.84866822



original	glszm	GrayLevelVariance	90.75693878
original	glszm	ZoneVariance	19.77061224
original	glszm	GrayLevelNonUniformityNormalized	0.042040816
original	glszm	SizeZoneNonUniformityNormalized	0.674285714
original	glszm	SizeZoneNonUniformity	47.2
original	glszm	GrayLevelNonUniformity	2.942857143
original	glszm	LargeAreaEmphasis	23.65714286
original	glszm	SmallAreaHighGrayLevelEmphasis	588.3273934
original	glszm	ZonePercentage	0.507246377
original	glszm	LargeAreaLowGrayLevelEmphasis	0.038451562
original	glszm	LargeAreaHighGrayLevelEmphasis	31353.32857
original	glszm	HighGrayLevelZoneEmphasis	767.5
original	glszm	SmallAreaEmphasis	0.842696014
original	glszm	LowGrayLevelZoneEmphasis	0.021340176
original	glszm	ZoneEntropy	5.162872438
original	glszm	SmallAreaLowGrayLevelEmphasis	0.021126547
original	ngtdm	Coarseness	0.021436414
original	ngtdm	Complexity	2825.868721
original	ngtdm	Strength	24.55784918
original	ngtdm	Contrast	0.773680366
original	ngtdm	Busyness	0.03413023
wavelet-HHH	gldm	GrayLevelVariance	24.334226
wavelet-HHH	gldm	HighGrayLevelEmphasis	213.2971014
wavelet-HHH	gldm	DependenceEntropy	5.450197645
wavelet-HHH	gldm	DependenceNonUniformity	39.91304348
wavelet-HHH	gldm	GrayLevelNonUniformity	9.492753623
wavelet-HHH	gldm	SmallDependenceEmphasis	0.519112319
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	113.9917814
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.289224953
wavelet-HHH	gldm	LargeDependenceEmphasis	6
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.044897264
wavelet-HHH	gldm	DependenceVariance	1.583910943
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1310.775362
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.014467063
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.017625032
wavelet-HHH	glcm	JointAverage	13.56109142
wavelet-HHH	glcm	SumAverage	27.12218285
wavelet-HHH	glcm	JointEntropy	6.550519767
wavelet-HHH	glcm	ClusterShade	-8.796480801
wavelet-HHH	glcm	MaximumProbability	0.034604441
wavelet-HHH	glcm	Idmn	0.972551117
wavelet-HHH	glcm	JointEnergy	0.012694833
wavelet-HHH	glcm	Contrast	41.78821327
wavelet-HHH	glcm	DifferenceEntropy	3.569087804
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wavelet-HHH	glcm	DifferenceVariance	17.14334407
wavelet-HHH	glcm	Idn	0.891794816
wavelet-HHH	glcm	Idm	0.20146604
wavelet-HHH	glcm	Correlation	-0.024951286
wavelet-HHH	glcm	Autocorrelation	183.4028954
wavelet-HHH	glcm	SumEntropy	4.273740198
wavelet-HHH	glcm	SumSquares	20.35925314
wavelet-HHH	glcm	ClusterProminence	6986.250485
wavelet-HHH	glcm	Imc2	0.972232619
wavelet-HHH	glcm	Imc1	-0.367466708

wavelet-HHH	glcm	DifferenceAverage	4.873142195
wavelet-HHH	glcm	Id	0.292154373
wavelet-HHH	glcm	ClusterTendency	39.64879929
wavelet-HHH	firstorder	InterquartileRange	136.6619643
wavelet-HHH	firstorder	Skewness	0.507551435
wavelet-HHH	firstorder	Uniformity	0.06878807
wavelet-HHH	firstorder	Median	5.899753426
wavelet-HHH	firstorder	Energy	2120195.377
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	57.07821291
wavelet-HHH	firstorder	MeanAbsoluteDeviation	90.93167838
wavelet-HHH	firstorder	TotalEnergy	57245275.18
wavelet-HHH	firstorder	Maximum	594.4514286
wavelet-HHH	firstorder	RootMeanSquared	123.9505329
wavelet-HHH	firstorder	90Percentile	147.9193639
wavelet-HHH	firstorder	Minimum	-302.5664729
wavelet-HHH	firstorder	Entropy	4.155071883
wavelet-HHH	firstorder	Range	897.0179015
wavelet-HHH	firstorder	Variance	15319.98532
wavelet-HHH	firstorder	10Percentile	-133.6972172
wavelet-HHH	firstorder	Kurtosis	5.893207323
wavelet-HHH	firstorder	Mean	6.614324655
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.017971271
wavelet-HHH	glrlm	GrayLevelVariance	24.99954284
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.01815407
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.067241059
wavelet-HHH	glrlm	RunVariance	0.05181182
wavelet-HHH	glrlm	GrayLevelNonUniformity	8.885854161
wavelet-HHH	glrlm	LongRunEmphasis	1.144117601
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	206.4503718
wavelet-HHH	glrlm	RunLengthNonUniformity	122.0318739
wavelet-HHH	glrlm	ShortRunEmphasis	0.968996736
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	244.3089999
wavelet-HHH	glrlm	RunPercentage	0.957636566
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.01898553
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wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	213.1605369
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wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.5678125
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wavelet-HHH	glszm	GrayLevelNonUniformity	4.5
wavelet-HHH	glszm	LargeAreaEmphasis	6.775
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	174.1561699
wavelet-HHH	glszm	ZonePercentage	0.579710145
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.055420487
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1522.0875
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	214.9
wavelet-HHH	glszm	SmallAreaEmphasis	0.780279528
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.025941808
wavelet-HHH	glszm	ZoneEntropy	5.05410407
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.024147042
wavelet-HHH	ngtdm	Coarseness	0.043867762
wavelet-HHH	ngtdm	Complexity	944.0688576

wavelet-HHH	ngtdm	Strength	8.819699977
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wavelet-HLL	gldm	GrayLevelVariance	40.98829028
wavelet-HLL	gldm	HighGrayLevelEmphasis	476.2246377
wavelet-HLL	gldm	DependenceEntropy	5.663428964
wavelet-HLL	gldm	DependenceNonUniformity	35.50724638
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wavelet-HLL	gldm	SmallDependenceEmphasis	0.491238744
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wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.257298887
wavelet-HLL	gldm	LargeDependenceEmphasis	7.898550725
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.024403653
wavelet-HLL	gldm	DependenceVariance	2.38626339
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	4312.615942
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.01079237
wavelet-HLL	glcm	JointAverage	21.45071136
wavelet-HLL	glcm	SumAverage	42.90142272
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wavelet-HLL	glcm	MaximumProbability	0.033965665
wavelet-HLL	glcm	Idmn	0.974781818
wavelet-HLL	glcm	JointEnergy	0.012418663
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wavelet-HLL	glcm	InverseVariance	0.219790201
wavelet-HLL	glcm	DifferenceVariance	26.61326147
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wavelet-HLL	glcm	Idm	0.218698901
wavelet-HLL	glcm	Correlation	0.207267854
wavelet-HLL	glcm	Autocorrelation	467.8669493
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wavelet-HLL	glcm	SumSquares	35.40862606
wavelet-HLL	glcm	ClusterProminence	28414.16602
wavelet-HLL	glcm	Imc2	0.982282052
wavelet-HLL	glcm	Imc1	-0.412490432
wavelet-HLL	glcm	DifferenceAverage	5.273167503
wavelet-HLL	glcm	Id	0.303568955
wavelet-HLL	glcm	ClusterTendency	86.10820136
wavelet-HLL	firstorder	InterquartileRange	194.0270206
wavelet-HLL	firstorder	Skewness	-0.373077401
wavelet-HLL	firstorder	Uniformity	0.062696912
wavelet-HLL	firstorder	Median	-5.315785686
wavelet-HLL	firstorder	Energy	3760412.786
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	81.83984553
wavelet-HLL	firstorder	MeanAbsoluteDeviation	123.1219893
wavelet-HLL	firstorder	TotalEnergy	101531145.2
wavelet-HLL	firstorder	Maximum	529.1109397
wavelet-HLL	firstorder	RootMeanSquared	165.0738259
wavelet-HLL	firstorder	90Percentile	117.5061422
wavelet-HLL	firstorder	Minimum	-544.9481465
wavelet-HLL	firstorder	Entropy	4.305789267
wavelet-HLL	firstorder	Range	1074.059086
wavelet-HLL	firstorder	Variance	25584.03744

wavelet-HLL	firstorder	10Percentile	-287.3526492
wavelet-HLL	firstorder	Kurtosis	3.930211796
wavelet-HLL	firstorder	Mean	-40.808462
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.011192832
wavelet-HLL	glrlm	GrayLevelVariance	42.36115267
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.01127529
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.060562247
wavelet-HLL	glrlm	RunVariance	0.062534897
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.927278104
wavelet-HLL	glrlm	LongRunEmphasis	1.177838095
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	451.2768059
wavelet-HLL	glrlm	RunLengthNonUniformity	118.5150599
wavelet-HLL	glrlm	ShortRunEmphasis	0.961339687
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	569.6744291
wavelet-HLL	glrlm	RunPercentage	0.948160535
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.011646886
wavelet-HLL	glrlm	RunEntropy	4.532515297
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	472.3236526
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.904412934
wavelet-HLL	glszm	GrayLevelVariance	56.72120088
wavelet-HLL	glszm	ZoneVariance	4.554224996
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.048406139
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.555742958
wavelet-HLL	glszm	SizeZoneNonUniformity	42.79220779
wavelet-HLL	glszm	GrayLevelNonUniformity	3.727272727
wavelet-HLL	glszm	LargeAreaEmphasis	7.766233766
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	322.0986226
wavelet-HLL	glszm	ZonePercentage	0.557971014
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.030961249
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	4146.896104
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	431.1688312
wavelet-HLL	glszm	SmallAreaEmphasis	0.772528936
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.017536517
wavelet-HLL	glszm	ZoneEntropy	5.216217021
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.016845539
wavelet-HLL	ngtdm	Coarseness	0.040558573
wavelet-HLL	ngtdm	Complexity	1363.211293
wavelet-HLL	ngtdm	Strength	14.1045202
wavelet-HLL	ngtdm	Contrast	0.427498259
wavelet-HLL	ngtdm	Busyness	0.04014544
wavelet-LHL	gldm	GrayLevelVariance	312.2696912
wavelet-LHL	gldm	HighGrayLevelEmphasis	1658.84058
wavelet-LHL	gldm	DependenceEntropy	5.946179326
wavelet-LHL	gldm	DependenceNonUniformity	78.13043478
wavelet-LHL	gldm	GrayLevelNonUniformity	3.492753623
wavelet-LHL	gldm	SmallDependenceEmphasis	0.778985507
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1384.657407
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.566162571
wavelet-LHL	gldm	LargeDependenceEmphasis	2.173913043
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.011497217
wavelet-LHL	gldm	DependenceVariance	0.357277883
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	3087.521739
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008714342
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.009151059
wavelet-LHL	glcm	JointAverage	33.76854753

wavelet-LHL	glcm	SumAverage	67.53709507
wavelet-LHL	glcm	JointEntropy	7.156074675
wavelet-LHL	glcm	ClusterShade	12678.33039
wavelet-LHL	glcm	MaximumProbability	0.014620774
wavelet-LHL	glcm	Idmn	0.962455928
wavelet-LHL	glcm	JointEnergy	0.00731565
wavelet-LHL	glcm	Contrast	461.0334273
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wavelet-LHL	glcm	InverseVariance	0.086633657
wavelet-LHL	glcm	DifferenceVariance	211.3108569
wavelet-LHL	glcm	Idn	0.883274809
wavelet-LHL	glcm	Idm	0.078120643
wavelet-LHL	glcm	Correlation	0.056296197
wavelet-LHL	glcm	Autocorrelation	1167.081808
wavelet-LHL	glcm	SumEntropy	5.430287901
wavelet-LHL	glcm	SumSquares	256.332978
wavelet-LHL	glcm	ClusterProminence	1635822.116
wavelet-LHL	glcm	Imc2	0.999609479
wavelet-LHL	glcm	Imc1	-0.668895745
wavelet-LHL	glcm	DifferenceAverage	15.02904776
wavelet-LHL	glcm	Id	0.151466835
wavelet-LHL	glcm	ClusterTendency	564.2984846
wavelet-LHL	firstorder	InterquartileRange	458.3078156
wavelet-LHL	firstorder	Skewness	1.028767785
wavelet-LHL	firstorder	Uniformity	0.025309809
wavelet-LHL	firstorder	Median	9.534803001
wavelet-LHL	firstorder	Energy	27297773.4
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	195.4388424
wavelet-LHL	firstorder	MeanAbsoluteDeviation	322.6925828
wavelet-LHL	firstorder	TotalEnergy	737039881.7
wavelet-LHL	firstorder	Maximum	1663.644607
wavelet-LHL	firstorder	RootMeanSquared	444.7583076
wavelet-LHL	firstorder	90Percentile	664.6069857
wavelet-LHL	firstorder	Minimum	-827.5434551
wavelet-LHL	firstorder	Entropy	5.543094885
wavelet-LHL	firstorder	Range	2491.188062
wavelet-LHL	firstorder	Variance	194689.7864
wavelet-LHL	firstorder	10Percentile	-395.7842429
wavelet-LHL	firstorder	Kurtosis	4.537507934
wavelet-LHL	firstorder	Mean	55.85844383
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009228543
wavelet-LHL	glrlm	GrayLevelVariance	314.1082848
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.009248906
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.025115687
wavelet-LHL	glrlm	RunVariance	0.013371086
wavelet-LHL	glrlm	GrayLevelNonUniformity	3.419800151
wavelet-LHL	glrlm	LongRunEmphasis	1.040977783
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1652.137427
wavelet-LHL	glrlm	RunLengthNonUniformity	132.5391868
wavelet-LHL	glrlm	ShortRunEmphasis	0.989755554
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1715.055332
wavelet-LHL	glrlm	RunPercentage	0.986622074
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.009330356
wavelet-LHL	glrlm	RunEntropy	5.58533859
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1664.721008

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.973257828
wavelet-LHL	glszm	GrayLevelVariance	334.5945303
wavelet-LHL	glszm	ZoneVariance	0.257134364
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.023781213
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.741676576
wavelet-LHL	glszm	SizeZoneNonUniformity	86.03448276
wavelet-LHL	glszm	GrayLevelNonUniformity	2.75862069
wavelet-LHL	glszm	LargeAreaEmphasis	1.672413793
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	1596.597522
wavelet-LHL	glszm	ZonePercentage	0.84057971
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.011965116
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2545.517241
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1742.137931
wavelet-LHL	glszm	SmallAreaEmphasis	0.884877874
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.010488193
wavelet-LHL	glszm	ZoneEntropy	5.867516745
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01027179
wavelet-LHL	ngtdm	Coarseness	0.035367812
wavelet-LHL	ngtdm	Complexity	18063.4093
wavelet-LHL	ngtdm	Strength	64.95159426
wavelet-LHL	ngtdm	Contrast	2.17236082
wavelet-LHL	ngtdm	Busyness	0.018914223
wavelet-LHH	gldm	GrayLevelVariance	31.37707414
wavelet-LHH	gldm	HighGrayLevelEmphasis	301.7173913
wavelet-LHH	gldm	DependenceEntropy	5.417239338
wavelet-LHH	gldm	DependenceNonUniformity	53.30434783
wavelet-LHH	gldm	GrayLevelNonUniformity	8
wavelet-LHH	gldm	SmallDependenceEmphasis	0.59180153
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	184.0928502
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.38626339
wavelet-LHH	gldm	LargeDependenceEmphasis	3.927536232
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.027105513
wavelet-LHH	gldm	DependenceVariance	0.902961563
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1099.108696
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010891568
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.01306202
wavelet-LHH	glcm	JointAverage	16.75736202
wavelet-LHH	glcm	SumAverage	33.51472404
wavelet-LHH	glcm	JointEntropy	6.879299316
wavelet-LHH	glcm	ClusterShade	88.68314923
wavelet-LHH	glcm	MaximumProbability	0.021320736
wavelet-LHH	glcm	Idmn	0.946852198
wavelet-LHH	glcm	JointEnergy	0.009382992
wavelet-LHH	glcm	Contrast	68.27888018
wavelet-LHH	glcm	DifferenceEntropy	3.88679638
wavelet-LHH	glcm	InverseVariance	0.149132826
wavelet-LHH	glcm	DifferenceVariance	24.77443076
wavelet-LHH	glcm	Idn	0.84780835
wavelet-LHH	glcm	Idm	0.142091335
wavelet-LHH	glcm	Correlation	0.003484262
wavelet-LHH	glcm	Autocorrelation	281.0614664
wavelet-LHH	glcm	SumEntropy	4.617167062
wavelet-LHH	glcm	SumSquares	34.17935773
wavelet-LHH	glcm	ClusterProminence	15353.54823
wavelet-LHH	glcm	Imc2	0.982947776

wavelet-LHH	glcm	Imc1	-0.400215835
wavelet-LHH	glcm	DifferenceAverage	6.512508376
wavelet-LHH	glcm	Id	0.233250673
wavelet-LHH	glcm	ClusterTendency	68.43855075
wavelet-LHH	firstorder	InterquartileRange	173.9386317
wavelet-LHH	firstorder	Skewness	0.146631284
wavelet-LHH	firstorder	Uniformity	0.057971014
wavelet-LHH	firstorder	Median	-10.79384974
wavelet-LHH	firstorder	Energy	2763550.272
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	73.39771653
wavelet-LHH	firstorder	MeanAbsoluteDeviation	110.2442524
wavelet-LHH	firstorder	TotalEnergy	74615857.35
wavelet-LHH	firstorder	Maximum	423.8667213
wavelet-LHH	firstorder	RootMeanSquared	141.5122843
wavelet-LHH	firstorder	90Percentile	168.21495
wavelet-LHH	firstorder	Minimum	-395.8248394
wavelet-LHH	firstorder	Entropy	4.308053922
wavelet-LHH	firstorder	Range	819.6915607
wavelet-LHH	firstorder	Variance	20020.8834
wavelet-LHH	firstorder	10Percentile	-168.1698159
wavelet-LHH	firstorder	Kurtosis	3.215194695
wavelet-LHH	firstorder	Mean	-2.20073039
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.013191062
wavelet-LHH	glrlm	GrayLevelVariance	31.78904134
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.013299266
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.057219949
wavelet-LHH	glrlm	RunVariance	0.030726364
wavelet-LHH	glrlm	GrayLevelNonUniformity	7.672353744
wavelet-LHH	glrlm	LongRunEmphasis	1.090891876
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	296.3960096
wavelet-LHH	glrlm	RunLengthNonUniformity	126.7959239
wavelet-LHH	glrlm	ShortRunEmphasis	0.978581994
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	327.6428911
wavelet-LHH	glrlm	RunPercentage	0.971571906
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.013753889
wavelet-LHH	glrlm	RunEntropy	4.431210663
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	302.3944346
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.945270459
wavelet-LHH	glszm	GrayLevelVariance	37.10671754
wavelet-LHH	glszm	ZoneVariance	1.195976413
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.051682275
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.558792924
wavelet-LHH	glszm	SizeZoneNonUniformity	51.96774194
wavelet-LHH	glszm	GrayLevelNonUniformity	4.806451613
wavelet-LHH	glszm	LargeAreaEmphasis	3.397849462
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	243.6661895
wavelet-LHH	glszm	ZonePercentage	0.673913043
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.028426307
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	955.0860215
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	311.311828
wavelet-LHH	glszm	SmallAreaEmphasis	0.775165024
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.016883957
wavelet-LHH	glszm	ZoneEntropy	5.156326995
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.015609995
wavelet-LHH	ngtdm	Coarseness	0.036441446

wavelet-LHH	ngtdm	Complexity	1145.435346
wavelet-LHH	ngtdm	Strength	7.607186316
wavelet-LHH	ngtdm	Contrast	0.478529261
wavelet-LHH	ngtdm	Busyness	0.082230889
wavelet-LLH	gldm	GrayLevelVariance	68.31973325
wavelet-LLH	gldm	HighGrayLevelEmphasis	801.6304348
wavelet-LLH	gldm	DependenceEntropy	5.676474392
wavelet-LLH	gldm	DependenceNonUniformity	55.15942029
wavelet-LLH	gldm	GrayLevelNonUniformity	5.942028986
wavelet-LLH	gldm	SmallDependenceEmphasis	0.632437601
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	517.5944948
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.399705944
wavelet-LLH	gldm	LargeDependenceEmphasis	4.028985507
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.013596501
wavelet-LLH	gldm	DependenceVariance	1.054610376
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3221.688406
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.008771115
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.009351286
wavelet-LLH	glcm	JointAverage	27.20791514
wavelet-LLH	glcm	SumAverage	54.41583027
wavelet-LLH	glcm	JointEntropy	6.943254303
wavelet-LLH	glcm	ClusterShade	-29.85881234
wavelet-LLH	glcm	MaximumProbability	0.023709276
wavelet-LLH	glcm	Idmn	0.95851454
wavelet-LLH	glcm	JointEnergy	0.008984736
wavelet-LLH	glcm	Contrast	114.6064101
wavelet-LLH	glcm	DifferenceEntropy	4.130577249
wavelet-LLH	glcm	InverseVariance	0.128956603
wavelet-LLH	glcm	DifferenceVariance	42.46795607
wavelet-LLH	glcm	Idn	0.8669286
wavelet-LLH	glcm	Idm	0.127651702
wavelet-LLH	glcm	Correlation	0.104350211
wavelet-LLH	glcm	Autocorrelation	746.8747024
wavelet-LLH	glcm	SumEntropy	4.947040027
wavelet-LLH	glcm	SumSquares	63.75486402
wavelet-LLH	glcm	ClusterProminence	72595.83612
wavelet-LLH	glcm	Imc2	0.996272957
wavelet-LLH	glcm	Imc1	-0.529952483
wavelet-LLH	glcm	DifferenceAverage	8.249482096
wavelet-LLH	glcm	Id	0.212248605
wavelet-LLH	glcm	ClusterTendency	140.413046
wavelet-LLH	firstorder	InterquartileRange	235.5439086
wavelet-LLH	firstorder	Skewness	-0.215985665
wavelet-LLH	firstorder	Uniformity	0.043058181
wavelet-LLH	firstorder	Median	-56.26971066
wavelet-LLH	firstorder	Energy	6409555.937
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	106.0471123
wavelet-LLH	firstorder	MeanAbsoluteDeviation	159.6408347
wavelet-LLH	firstorder	TotalEnergy	173058010.3
wavelet-LLH	firstorder	Maximum	479.776669
wavelet-LLH	firstorder	RootMeanSquared	215.5134741
wavelet-LLH	firstorder	90Percentile	190.188068
wavelet-LLH	firstorder	Minimum	-708.0119548
wavelet-LLH	firstorder	Entropy	4.803386771
wavelet-LLH	firstorder	Range	1187.788624



wavelet-LLH	firstorder	Variance	42703.12366
wavelet-LLH	firstorder	10Percentile	-336.8547574
wavelet-LLH	firstorder	Kurtosis	3.39335411
wavelet-LLH	firstorder	Mean	-61.17952151
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.009548401
wavelet-LLH	glrlm	GrayLevelVariance	69.71700944
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.009579529
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.042120282
wavelet-LLH	glrlm	RunVariance	0.030150062
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.652503199
wavelet-LLH	glrlm	LongRunEmphasis	1.08922083
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	785.5520007
wavelet-LLH	glrlm	RunLengthNonUniformity	127.0352163
wavelet-LLH	glrlm	ShortRunEmphasis	0.978990463
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	872.4946503
wavelet-LLH	glrlm	RunPercentage	0.97212932
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.009710004
wavelet-LLH	glrlm	RunEntropy	4.921062443
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	802.0389206
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.946423968
wavelet-LLH	glszm	GrayLevelVariance	86.52019992
wavelet-LLH	glszm	ZoneVariance	1.261974177
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036234902
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.616826322
wavelet-LLH	glszm	SizeZoneNonUniformity	60.44897959
wavelet-LLH	glszm	GrayLevelNonUniformity	3.551020408
wavelet-LLH	glszm	LargeAreaEmphasis	3.244897959
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	668.910788
wavelet-LLH	glszm	ZonePercentage	0.710144928
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.015641632
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2621.540816
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	810.0204082
wavelet-LLH	glszm	SmallAreaEmphasis	0.812726757
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.012545677
wavelet-LLH	glszm	ZoneEntropy	5.49482611
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.012225923
wavelet-LLH	ngtdm	Coarseness	0.038987294
wavelet-LLH	ngtdm	Complexity	3136.168394
wavelet-LLH	ngtdm	Strength	18.35212656
wavelet-LLH	ngtdm	Contrast	0.650660592
wavelet-LLH	ngtdm	Busyness	0.030539721
wavelet-LLL	gldm	GrayLevelVariance	591.4274837
wavelet-LLL	gldm	HighGrayLevelEmphasis	5584.181159
wavelet-LLL	gldm	DependenceEntropy	6.213242754
wavelet-LLL	gldm	DependenceNonUniformity	77.31884058
wavelet-LLL	gldm	GrayLevelNonUniformity	2.884057971
wavelet-LLL	gldm	SmallDependenceEmphasis	0.776268116
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3872.856783
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.560281453
wavelet-LLL	gldm	LargeDependenceEmphasis	2.347826087
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007860084
wavelet-LLL	gldm	DependenceVariance	0.452215921
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	16380.1087
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007643414
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.007675989

wavelet-LLL	glcm	JointAverage	76.15745618
wavelet-LLL	glcm	SumAverage	152.3149124
wavelet-LLL	glcm	JointEntropy	7.184841478
wavelet-LLL	glcm	ClusterShade	-32514.67442
wavelet-LLL	glcm	MaximumProbability	0.014092122
wavelet-LLL	glcm	Idmn	0.96080038
wavelet-LLL	glcm	JointEnergy	0.007138841
wavelet-LLL	glcm	Contrast	628.8088555
wavelet-LLL	glcm	DifferenceEntropy	4.952876166
wavelet-LLL	glcm	InverseVariance	0.090143967
wavelet-LLL	glcm	DifferenceVariance	246.5809399
wavelet-LLL	glcm	Idn	0.873044313
wavelet-LLL	glcm	Idm	0.079696015
wavelet-LLL	glcm	Correlation	0.33118944
wavelet-LLL	glcm	Autocorrelation	5956.536893
wavelet-LLL	glcm	SumEntropy	5.730847947
wavelet-LLL	glcm	SumSquares	468.1888414
wavelet-LLL	glcm	ClusterProminence	4815348.877
wavelet-LLL	glcm	Imc2	0.9997547
wavelet-LLL	glcm	Imc1	-0.696409135
wavelet-LLL	glcm	DifferenceAverage	19.064022
wavelet-LLL	glcm	Id	0.141249114
wavelet-LLL	glcm	ClusterTendency	1243.94651
wavelet-LLL	firstorder	InterquartileRange	849.3108079
wavelet-LLL	firstorder	Skewness	-0.557600092
wavelet-LLL	firstorder	Uniformity	0.020898971
wavelet-LLL	firstorder	Median	-416.2344074
wavelet-LLL	firstorder	Energy	81610701.23
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	373.7077309
wavelet-LLL	firstorder	MeanAbsoluteDeviation	499.0643228
wavelet-LLL	firstorder	TotalEnergy	2203488933
wavelet-LLL	firstorder	Maximum	749.4133612
wavelet-LLL	firstorder	RootMeanSquared	769.0135844
wavelet-LLL	firstorder	90Percentile	193.2619131
wavelet-LLL	firstorder	Minimum	-2207.619241
wavelet-LLL	firstorder	Entropy	5.785028377
wavelet-LLL	firstorder	Range	2957.032602
wavelet-LLL	firstorder	Variance	369368.6942
wavelet-LLL	firstorder	10Percentile	-1335.719415
wavelet-LLL	firstorder	Kurtosis	2.650102021
wavelet-LLL	firstorder	Mean	-471.1827657
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007785842
wavelet-LLL	glrlm	GrayLevelVariance	593.451166
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007787318
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020692115
wavelet-LLL	glrlm	RunVariance	0.016765824
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.814209825
wavelet-LLL	glrlm	LongRunEmphasis	1.04659944
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	5469.695658
wavelet-LLL	glrlm	RunLengthNonUniformity	132.3714789
wavelet-LLL	glrlm	ShortRunEmphasis	0.989616364
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	5919.567107
wavelet-LLL	glrlm	RunPercentage	0.985507246
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.007793786
wavelet-LLL	glrlm	RunEntropy	5.827805216

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	5550.523762
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.973204661
wavelet-LLL	glszm	GrayLevelVariance	612.4660665
wavelet-LLL	glszm	ZoneVariance	0.446906741
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019082795
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.762696214
wavelet-LLL	glszm	SizeZoneNonUniformity	86.94736842
wavelet-LLL	glszm	GrayLevelNonUniformity	2.175438596
wavelet-LLL	glszm	LargeAreaEmphasis	1.912280702
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	4343.706932
wavelet-LLL	glszm	ZonePercentage	0.826086957
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009384909
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	12505.67544
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	5126.184211
wavelet-LLL	glszm	SmallAreaEmphasis	0.894066764
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.009261945
wavelet-LLL	glszm	ZoneEntropy	6.089083106
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009245812
wavelet-LLL	ngtdm	Coarseness	0.029578549
wavelet-LLL	ngtdm	Complexity	31342.99488
wavelet-LLL	ngtdm	Strength	94.24117257
wavelet-LLL	ngtdm	Contrast	3.921815163
wavelet-LLL	ngtdm	Busyness	0.008361428
wavelet-HHL	gldm	GrayLevelVariance	34.26065953
wavelet-HHL	gldm	HighGrayLevelEmphasis	764.0434783
wavelet-HHL	gldm	DependenceEntropy	5.515020226
wavelet-HHL	gldm	DependenceNonUniformity	45.39130435
wavelet-HHL	gldm	GrayLevelNonUniformity	8.202898551
wavelet-HHL	gldm	SmallDependenceEmphasis	0.543226651
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	406.2854771
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.328922495
wavelet-HHL	gldm	LargeDependenceEmphasis	4.492753623
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.013717543
wavelet-HHL	gldm	DependenceVariance	0.943079185
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	3463.478261
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008151176
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.008812429
wavelet-HHL	glcm	JointAverage	27.52547154
wavelet-HHL	glcm	SumAverage	55.05094309
wavelet-HHL	glcm	JointEntropy	6.735921767
wavelet-HHL	glcm	ClusterShade	-102.5326243
wavelet-HHL	glcm	MaximumProbability	0.021703395
wavelet-HHL	glcm	Idmn	0.967252574
wavelet-HHL	glcm	JointEnergy	0.01042174
wavelet-HHL	glcm	Contrast	53.44478868
wavelet-HHL	glcm	DifferenceEntropy	3.690535309
wavelet-HHL	glcm	InverseVariance	0.184273526
wavelet-HHL	glcm	DifferenceVariance	21.54907793
wavelet-HHL	glcm	Idn	0.881051882
wavelet-HHL	glcm	Idm	0.169418473
wavelet-HHL	glcm	Correlation	-0.041754229
wavelet-HHL	glcm	Autocorrelation	756.927623
wavelet-HHL	glcm	SumEntropy	4.44916454
wavelet-HHL	glcm	SumSquares	25.88937995
wavelet-HHL	glcm	ClusterProminence	10154.67609

wavelet-HHL	glcm	Imc2	0.976997235
wavelet-HHL	glcm	Imc1	-0.378785053
wavelet-HHL	glcm	DifferenceAverage	5.583486896
wavelet-HHL	glcm	Id	0.261937491
wavelet-HHL	glcm	ClusterTendency	50.11273112
wavelet-HHL	firstorder	InterquartileRange	180.212258
wavelet-HHL	firstorder	Skewness	-0.737764106
wavelet-HHL	firstorder	Uniformity	0.059441294
wavelet-HHL	firstorder	Median	-13.18406283
wavelet-HHL	firstorder	Energy	2973909.722
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	72.19117033
wavelet-HHL	firstorder	MeanAbsoluteDeviation	110.4917008
wavelet-HHL	firstorder	TotalEnergy	80295562.5
wavelet-HHL	firstorder	Maximum	269.8494361
wavelet-HHL	firstorder	RootMeanSquared	146.7994225
wavelet-HHL	firstorder	90Percentile	162.5543996
wavelet-HHL	firstorder	Minimum	-653.9937578
wavelet-HHL	firstorder	Entropy	4.324575334
wavelet-HHL	firstorder	Range	923.8431939
wavelet-HHL	firstorder	Variance	21402.92088
wavelet-HHL	firstorder	10Percentile	-193.687453
wavelet-HHL	firstorder	Kurtosis	4.891230434
wavelet-HHL	firstorder	Mean	-12.13052243
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.009041559
wavelet-HHL	glrlm	GrayLevelVariance	34.91604872
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.009079797
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.058619836
wavelet-HHL	glrlm	RunVariance	0.035051944
wavelet-HHL	glrlm	GrayLevelNonUniformity	7.816360215
wavelet-HHL	glrlm	LongRunEmphasis	1.109843896
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	742.8762518
wavelet-HHL	glrlm	RunLengthNonUniformity	124.6199423
wavelet-HHL	glrlm	ShortRunEmphasis	0.97324539
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	849.0314081
wavelet-HHL	glrlm	RunPercentage	0.96599777
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.00923589
wavelet-HHL	glrlm	RunEntropy	4.476097193
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	763.5987007
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.933206101
wavelet-HHL	glszm	GrayLevelVariance	43.33832645
wavelet-HHL	glszm	ZoneVariance	1.063533058
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.050878099
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.512913223
wavelet-HHL	glszm	SizeZoneNonUniformity	45.13636364
wavelet-HHL	glszm	GrayLevelNonUniformity	4.477272727
wavelet-HHL	glszm	LargeAreaEmphasis	3.522727273
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	551.9124053
wavelet-HHL	glszm	ZonePercentage	0.637681159
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.016543084
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	2719.318182
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	754.0454545
wavelet-HHL	glszm	SmallAreaEmphasis	0.743825758
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.013005457
wavelet-HHL	glszm	ZoneEntropy	5.286040926
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012625086

wavelet-HHL	ngtdm	Coarseness	0.038730629
wavelet-HHL	ngtdm	Complexity	1243.093864
wavelet-HHL	ngtdm	Strength	9.536055333
wavelet-HHL	ngtdm	Contrast	0.48021514
wavelet-HHL	ngtdm	Busyness	0.041790658
wavelet-HLH	gldm	GrayLevelVariance	14.86704474
wavelet-HLH	gldm	HighGrayLevelEmphasis	308.3188406
wavelet-HLH	gldm	DependenceEntropy	5.339913001
wavelet-HLH	gldm	DependenceNonUniformity	29.05797101
wavelet-HLH	gldm	GrayLevelNonUniformity	14.30434783
wavelet-HLH	gldm	SmallDependenceEmphasis	0.388738868
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	129.8847195
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.210565007
wavelet-HLH	gldm	LargeDependenceEmphasis	9.333333333
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.041322963
wavelet-HLH	gldm	DependenceVariance	2.299306868
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	2701.797101
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.009249006
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.011443469
wavelet-HLH	glcm	JointAverage	17.01644001
wavelet-HLH	glcm	SumAverage	34.03288002
wavelet-HLH	glcm	JointEntropy	6.044292406
wavelet-HLH	glcm	ClusterShade	23.11706927
wavelet-HLH	glcm	MaximumProbability	0.047791566
wavelet-HLH	glcm	Idmn	0.972945663
wavelet-HLH	glcm	JointEnergy	0.019374022
wavelet-HLH	glcm	Contrast	24.78138348
wavelet-HLH	glcm	DifferenceEntropy	3.136211585
wavelet-HLH	glcm	InverseVariance	0.298032368
wavelet-HLH	glcm	DifferenceVariance	12.49800243
wavelet-HLH	glcm	Idn	0.899136784
wavelet-HLH	glcm	Idm	0.28522554
wavelet-HLH	glcm	Correlation	0.006341745
wavelet-HLH	glcm	Autocorrelation	289.6258735
wavelet-HLH	glcm	SumEntropy	3.945074029
wavelet-HLH	glcm	SumSquares	12.41471126
wavelet-HLH	glcm	ClusterProminence	2969.270655
wavelet-HLH	glcm	Imc2	0.935310493
wavelet-HLH	glcm	Imc1	-0.296659591
wavelet-HLH	glcm	DifferenceAverage	3.476360905
wavelet-HLH	glcm	Id	0.367823258
wavelet-HLH	glcm	ClusterTendency	24.87746155
wavelet-HLH	firstorder	InterquartileRange	78.71220143
wavelet-HLH	firstorder	Skewness	-0.543859849
wavelet-HLH	firstorder	Uniformity	0.103654694
wavelet-HLH	firstorder	Median	17.82923595
wavelet-HLH	firstorder	Energy	1291966.495
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	34.89137228
wavelet-HLH	firstorder	MeanAbsoluteDeviation	64.01162656
wavelet-HLH	firstorder	TotalEnergy	34883095.35
wavelet-HLH	firstorder	Maximum	298.336261
wavelet-HLH	firstorder	RootMeanSquared	96.75782164
wavelet-HLH	firstorder	90Percentile	108.6965778
wavelet-HLH	firstorder	Minimum	-392.5817594
wavelet-HLH	firstorder	Entropy	3.680028552

wavelet-HLH	firstorder	Range	690.9180204
wavelet-HLH	firstorder	Variance	9128.333243
wavelet-HLH	firstorder	10Percentile	-71.67373985
wavelet-HLH	firstorder	Kurtosis	6.459835551
wavelet-HLH	firstorder	Mean	15.28864954
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.011802939
wavelet-HLH	glrlm	GrayLevelVariance	15.70960718
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.011980512
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.099877366
wavelet-HLH	glrlm	RunVariance	0.069128479
wavelet-HLH	glrlm	GrayLevelNonUniformity	12.90935679
wavelet-HLH	glrlm	LongRunEmphasis	1.211118573
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	295.3708829
wavelet-HLH	glrlm	RunLengthNonUniformity	113.6592683
wavelet-HLH	glrlm	ShortRunEmphasis	0.950543503
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	370.5754232
wavelet-HLH	glrlm	RunPercentage	0.936454849
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.012738182
wavelet-HLH	glrlm	RunEntropy	4.000104916
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	309.6600476
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.878627142
wavelet-HLH	glszm	GrayLevelVariance	30.62280954
wavelet-HLH	glszm	ZoneVariance	11.78339558
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.064636599
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.503016375
wavelet-HLH	glszm	SizeZoneNonUniformity	29.6779661
wavelet-HLH	glszm	GrayLevelNonUniformity	3.813559322
wavelet-HLH	glszm	LargeAreaEmphasis	17.25423729
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	252.7901255
wavelet-HLH	glszm	ZonePercentage	0.427536232
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.082152651
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	4830.610169
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	336.5762712
wavelet-HLH	glszm	SmallAreaEmphasis	0.732760675
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.021901397
wavelet-HLH	glszm	ZoneEntropy	5.009596015
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.020986713
wavelet-HLH	ngtdm	Coarseness	0.050575968
wavelet-HLH	ngtdm	Complexity	515.6882041
wavelet-HLH	ngtdm	Strength	8.249552576
wavelet-HLH	ngtdm	Contrast	0.169001347
wavelet-HLH	ngtdm	Busyness	0.045418614

Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	(0.73046875, 0.73046875, 2.0)
general	info	MaskHash	b7fc32fa6be65cbcecffacedffdd732d6381043
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	84
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original	shape	Elongation	0.584258423
original	shape	SurfaceVolumeRatio	0.441930401
original	shape	Volume	2268
original	shape	MajorAxis	23.00471158
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original	shape	Flatness	0.486573745
original	shape	LeastAxis	11.19348865
original	shape	Maximum2DDiameterColumn	21.63330765
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original	gldm	GrayLevelVariance	71.15646259
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original	gldm	DependenceNonUniformity	16.9047619
original	gldm	GrayLevelNonUniformity	8.047619048
original	gldm	SmallDependenceEmphasis	0.432804452
original	gldm	SmallDependenceHighGrayLevelEmphasis	180.3642758
original	gldm	DependenceNonUniformityNormalized	0.201247166
original	gldm	LargeDependenceEmphasis	14.85714286
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.058023038
original	gldm	DependenceVariance	5.128684807
original	gldm	LargeDependenceHighGrayLevelEmphasis	11810.80952
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.03032443
original	gldm	LowGrayLevelEmphasis	0.033019453

original	glcm	JointAverage	24.64812795
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original	glcm	JointEntropy	5.614190136
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original	glcm	Idmn	0.923016718
original	glcm	JointEnergy	0.028428916
original	glcm	Contrast	107.1339297
original	glcm	DifferenceEntropy	3.610253985
original	glcm	InverseVariance	0.264267882
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original	glcm	Idn	0.854526613
original	glcm	Idm	0.289479414
original	glcm	Correlation	0.068545191
original	glcm	Autocorrelation	611.3905822
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original	glcm	SumSquares	57.32996265
original	glcm	ClusterProminence	66632.36456
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original	glcm	ClusterTendency	122.1859209
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original	firstorder	Median	-7
original	firstorder	Energy	4667556
original	firstorder	RobustMeanAbsoluteDeviation	97.79522498
original	firstorder	MeanAbsoluteDeviation	164.8344671
original	firstorder	TotalEnergy	126024012
original	firstorder	Maximum	82
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original	firstorder	Entropy	3.999344436
original	firstorder	Range	751
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original	firstorder	Kurtosis	3.837672868
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original	glrlm	GrayLevelVariance	74.46693579
original	glrlm	LowGrayLevelRunEmphasis	0.035778924
original	glrlm	GrayLevelNonUniformityNormalized	0.085329442
original	glrlm	RunVariance	0.103505724
original	glrlm	GrayLevelNonUniformity	6.598649289
original	glrlm	LongRunEmphasis	1.295203386
original	glrlm	ShortRunHighGrayLevelEmphasis	547.8150388
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original	glrlm	ShortRunEmphasis	0.938526791
original	glrlm	LongRunHighGrayLevelEmphasis	832.4710974
original	glrlm	RunPercentage	0.918498168
original	glrlm	LongRunLowGrayLevelEmphasis	0.036509795



original	glrlm	RunEntropy	4.385036759
original	glrlm	HighGrayLevelRunEmphasis	596.7168674
original	glrlm	RunLengthNonUniformityNormalized	0.853206657
original	glszm	GrayLevelVariance	88.2975
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original	glszm	GrayLevelNonUniformityNormalized	0.0475
original	glszm	SizeZoneNonUniformityNormalized	0.61375
original	glszm	SizeZoneNonUniformity	24.55
original	glszm	GrayLevelNonUniformity	1.9
original	glszm	LargeAreaEmphasis	15.05
original	glszm	SmallAreaHighGrayLevelEmphasis	305.0284237
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original	glszm	LargeAreaLowGrayLevelEmphasis	0.090810756
original	glszm	LargeAreaHighGrayLevelEmphasis	11794.8
original	glszm	HighGrayLevelZoneEmphasis	432.4
original	glszm	SmallAreaEmphasis	0.805059249
original	glszm	LowGrayLevelZoneEmphasis	0.065190874
original	glszm	ZoneEntropy	4.853055907
original	glszm	SmallAreaLowGrayLevelEmphasis	0.062853566
original	ngtdm	Coarseness	0.031319033
original	ngtdm	Complexity	2200.316726
original	ngtdm	Strength	22.20943351
original	ngtdm	Contrast	1.205407491
original	ngtdm	Busyness	0.036819438
wavelet-HHH	gldm	GrayLevelVariance	29.29535147
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wavelet-HHH	gldm	GrayLevelNonUniformity	5.261904762
wavelet-HHH	gldm	SmallDependenceEmphasis	0.548363095
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	127.8480489
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.329081633
wavelet-HHH	gldm	LargeDependenceEmphasis	4.428571429
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.053265749
wavelet-HHH	gldm	DependenceVariance	0.890589569
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	817.1428571
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.023052081
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.026840331
wavelet-HHH	glcm	JointAverage	13.5484903
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wavelet-HHH	glcm	ClusterShade	21.37805205
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wavelet-HHH	glcm	InverseVariance	0.140318868
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wavelet-HHH	glcm	Idn	0.83145525
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wavelet-HHH	glcm	Correlation	-0.028195614
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wavelet-HHH	glcm	SumEntropy	4.232485651

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wavelet-HHH	glcm	ClusterProminence	6756.312644
wavelet-HHH	glcm	Imc2	0.988976002
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wavelet-HHH	glcm	DifferenceAverage	5.800783568
wavelet-HHH	glcm	Id	0.247113657
wavelet-HHH	glcm	ClusterTendency	49.15560718
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wavelet-HHH	firstorder	Uniformity	0.062641723
wavelet-HHH	firstorder	Median	4.994133971
wavelet-HHH	firstorder	Energy	1548987.143
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wavelet-HHH	firstorder	Entropy	4.148037591
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wavelet-HHH	firstorder	Variance	18438.95146
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wavelet-HHH	firstorder	Kurtosis	2.857235301
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wavelet-HHH	glrlm	GrayLevelVariance	29.84804211
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.02751027
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.062179282
wavelet-HHH	glrlm	RunVariance	0.033798643
wavelet-HHH	glrlm	GrayLevelNonUniformity	5.046820967
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wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	206.6069323
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wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	182.1121187
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wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	803.3207547
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wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	545.2804233
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.532596372
wavelet-HLL	gldm	LargeDependenceEmphasis	2.261904762
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019129457
wavelet-HLL	gldm	DependenceVariance	0.354875283
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wavelet-HLL	gldm	LowGrayLevelEmphasis	0.015411023
wavelet-HLL	glcm	JointAverage	22.53515712
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wavelet-HLL	glcm	JointEntropy	6.389524639
wavelet-HLL	glcm	ClusterShade	1869.53557
wavelet-HLL	glcm	MaximumProbability	0.022261316
wavelet-HLL	glcm	Idmn	0.949144887
wavelet-HLL	glcm	JointEnergy	0.012530963
wavelet-HLL	glcm	Contrast	154.5845119
wavelet-HLL	glcm	DifferenceEntropy	4.069120531
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wavelet-HLL	glcm	Idn	0.854282962
wavelet-HLL	glcm	Idm	0.103529788
wavelet-HLL	glcm	Correlation	0.126461318
wavelet-HLL	glcm	Autocorrelation	520.1984264
wavelet-HLL	glcm	SumEntropy	4.724840356
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wavelet-HLL	glcm	ClusterProminence	143570.8297
wavelet-HLL	glcm	Imc2	0.998657116
wavelet-HLL	glcm	Imc1	-0.639024083
wavelet-HLL	glcm	DifferenceAverage	9.465864365
wavelet-HLL	glcm	Id	0.185660726
wavelet-HLL	glcm	ClusterTendency	202.8747008
wavelet-HLL	firstorder	InterquartileRange	359.484957
wavelet-HLL	firstorder	Skewness	0.561707033
wavelet-HLL	firstorder	Uniformity	0.040249433
wavelet-HLL	firstorder	Median	-103.5125704
wavelet-HLL	firstorder	Energy	6117891.677
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	132.340944
wavelet-HLL	firstorder	MeanAbsoluteDeviation	202.357096
wavelet-HLL	firstorder	TotalEnergy	165183075.3
wavelet-HLL	firstorder	Maximum	586.0929372

wavelet-HLL	firstorder	RootMeanSquared	269.8741258
wavelet-HLL	firstorder	90Percentile	283.4993003
wavelet-HLL	firstorder	Minimum	-632.0718901
wavelet-HLL	firstorder	Entropy	4.862821448
wavelet-HLL	firstorder	Range	1218.164827
wavelet-HLL	firstorder	Variance	67499.47735
wavelet-HLL	firstorder	10Percentile	-351.2847893
wavelet-HLL	firstorder	Kurtosis	3.064914198
wavelet-HLL	firstorder	Mean	-73.02442351
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.015564778
wavelet-HLL	glrlm	GrayLevelVariance	109.5786436
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015598176
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalizd	0.039890701
wavelet-HLL	glrlm	RunVariance	0.014640677
wavelet-HLL	glrlm	GrayLevelNonUniformity	3.302084002
wavelet-HLL	glrlm	LongRunEmphasis	1.045100979
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	664.556773
wavelet-HLL	glrlm	RunLengthNonUniformity	80.37180869
wavelet-HLL	glrlm	ShortRunEmphasis	0.988724755
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	691.5644854
wavelet-HLL	glrlm	RunPercentage	0.985347985
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.01573177
wavelet-HLL	glrlm	RunEntropy	4.912743337
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	669.9583155
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.970718645
wavelet-HLL	glszm	GrayLevelVariance	120.3016173
wavelet-HLL	glszm	ZoneVariance	0.257088847
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036756984
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.701323251
wavelet-HLL	glszm	SizeZoneNonUniformity	48.39130435
wavelet-HLL	glszm	GrayLevelNonUniformity	2.536231884
wavelet-HLL	glszm	LargeAreaEmphasis	1.739130435
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	639.7753623
wavelet-HLL	glszm	ZonePercentage	0.821428571
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.020357187
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1051.405797
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	708.1884058
wavelet-HLL	glszm	SmallAreaEmphasis	0.86352657
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.018103393
wavelet-HLL	glszm	ZoneEntropy	5.258826044
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.017695632
wavelet-HLL	ngtdm	Coarseness	0.054078875
wavelet-HLL	ngtdm	Complexity	4033.205506
wavelet-HLL	ngtdm	Strength	32.34631015
wavelet-HLL	ngtdm	Contrast	1.281681289
wavelet-HLL	ngtdm	Busyness	0.028802973
wavelet-LHL	gldm	GrayLevelVariance	310.7120181
wavelet-LHL	gldm	HighGrayLevelEmphasis	1073.52381
wavelet-LHL	gldm	DependenceEntropy	5.636248673
wavelet-LHL	gldm	DependenceNonUniformity	45.11904762
wavelet-LHL	gldm	GrayLevelNonUniformity	2.619047619
wavelet-LHL	gldm	SmallDependenceEmphasis	0.758475529
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	805.4193122
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.537131519

wavelet-LHL	gldm	LargeDependenceEmphasis	3.595238095
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.02946326
wavelet-LHL	gldm	DependenceVariance	1.12585034
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	2875.428571
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.018986097
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.019927278
wavelet-LHL	glcm	JointAverage	26.25679986
wavelet-LHL	glcm	SumAverage	52.51359971
wavelet-LHL	glcm	JointEntropy	6.45647313
wavelet-LHL	glcm	ClusterShade	13315.11627
wavelet-LHL	glcm	MaximumProbability	0.023558168
wavelet-LHL	glcm	Idmn	0.924852043
wavelet-LHL	glcm	JointEnergy	0.011773218
wavelet-LHL	glcm	Contrast	479.6670428
wavelet-LHL	glcm	DifferenceEntropy	4.534204188
wavelet-LHL	glcm	InverseVariance	0.072176761
wavelet-LHL	glcm	DifferenceVariance	199.9139814
wavelet-LHL	glcm	Idn	0.833045158
wavelet-LHL	glcm	Idm	0.083960612
wavelet-LHL	glcm	Correlation	0.135092894
wavelet-LHL	glcm	Autocorrelation	728.6606906
wavelet-LHL	glcm	SumEntropy	5.055555003
wavelet-LHL	glcm	SumSquares	278.6726598
wavelet-LHL	glcm	ClusterProminence	1442790.53
wavelet-LHL	glcm	Imc2	0.999701732
wavelet-LHL	glcm	Imc1	-0.732245185
wavelet-LHL	glcm	DifferenceAverage	16.02700387
wavelet-LHL	glcm	Id	0.153605096
wavelet-LHL	glcm	ClusterTendency	635.0235965
wavelet-LHL	firstorder	InterquartileRange	599.6856835
wavelet-LHL	firstorder	Skewness	0.737188474
wavelet-LHL	firstorder	Uniformity	0.031179138
wavelet-LHL	firstorder	Median	-230.3509248
wavelet-LHL	firstorder	Energy	17508821.01
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	259.4630257
wavelet-LHL	firstorder	MeanAbsoluteDeviation	363.2893853
wavelet-LHL	firstorder	TotalEnergy	472738167.2
wavelet-LHL	firstorder	Maximum	901.3504899
wavelet-LHL	firstorder	RootMeanSquared	456.550485
wavelet-LHL	firstorder	90Percentile	529.8757865
wavelet-LHL	firstorder	Minimum	-791.155365
wavelet-LHL	firstorder	Entropy	5.247805929
wavelet-LHL	firstorder	Range	1692.505855
wavelet-LHL	firstorder	Variance	193561.1609
wavelet-LHL	firstorder	10Percentile	-592.3289742
wavelet-LHL	firstorder	Kurtosis	2.610761205
wavelet-LHL	firstorder	Mean	-121.9720639
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.020232348
wavelet-LHL	glrlm	GrayLevelVariance	310.4403474
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.02029508
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.030427847
wavelet-LHL	glrlm	RunVariance	0.023865765
wavelet-LHL	glrlm	GrayLevelNonUniformity	2.500486616
wavelet-LHL	glrlm	LongRunEmphasis	1.070181861

wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1064.889461
wavelet-LHL	glrlm	RunLengthNonUniformity	78.72826114
wavelet-LHL	glrlm	ShortRunEmphasis	0.983522911
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1136.770509
wavelet-LHL	glrlm	RunPercentage	0.978021978
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.020556693
wavelet-LHL	glrlm	RunEntropy	5.326873785
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1078.92379
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.957821354
wavelet-LHL	glszm	GrayLevelVariance	285.1027249
wavelet-LHL	glszm	ZoneVariance	0.562283737
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.026816609
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.783304498
wavelet-LHL	glszm	SizeZoneNonUniformity	53.26470588
wavelet-LHL	glszm	GrayLevelNonUniformity	1.823529412
wavelet-LHL	glszm	LargeAreaEmphasis	2.088235294
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	937.8459967
wavelet-LHL	glszm	ZonePercentage	0.80952381
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.027836894
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	2076.411765
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1069.926471
wavelet-LHL	glszm	SmallAreaEmphasis	0.901119281
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.023708198
wavelet-LHL	glszm	ZoneEntropy	5.506436738
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.023313745
wavelet-LHL	ngtdm	Coarseness	0.037204012
wavelet-LHL	ngtdm	Complexity	13701.08542
wavelet-LHL	ngtdm	Strength	60.85566171
wavelet-LHL	ngtdm	Contrast	3.551545193
wavelet-LHL	ngtdm	Busyness	0.028806086
wavelet-LHH	gldm	GrayLevelVariance	38.22902494
wavelet-LHH	gldm	HighGrayLevelEmphasis	365.6666667
wavelet-LHH	gldm	DependenceEntropy	5.12875831
wavelet-LHH	gldm	DependenceNonUniformity	34.80952381
wavelet-LHH	gldm	GrayLevelNonUniformity	4.642857143
wavelet-LHH	gldm	SmallDependenceEmphasis	0.633515212
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	243.0236442
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.414399093
wavelet-LHH	gldm	LargeDependenceEmphasis	3.238095238
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.023613484
wavelet-LHH	gldm	DependenceVariance	0.616780045
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1143.047619
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015443383
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016643635
wavelet-LHH	glcm	JointAverage	17.99307384
wavelet-LHH	glcm	SumAverage	35.98614767
wavelet-LHH	glcm	JointEntropy	6.260794787
wavelet-LHH	glcm	ClusterShade	-11.2416817
wavelet-LHH	glcm	MaximumProbability	0.030912156
wavelet-LHH	glcm	Idmn	0.955185309
wavelet-LHH	glcm	JointEnergy	0.014192822
wavelet-LHH	glcm	Contrast	66.85056527
wavelet-LHH	glcm	DifferenceEntropy	3.701484795
wavelet-LHH	glcm	InverseVariance	0.167613947

wavelet-LHH	glcm	DifferenceVariance	25.20089521
wavelet-LHH	glcm	Idn	0.859701828
wavelet-LHH	glcm	Idm	0.143083988
wavelet-LHH	glcm	Correlation	-0.010835401
wavelet-LHH	glcm	Autocorrelation	323.5193775
wavelet-LHH	glcm	SumEntropy	4.332183101
wavelet-LHH	glcm	SumSquares	33.11026047
wavelet-LHH	glcm	ClusterProminence	15164.5794
wavelet-LHH	glcm	Imc2	0.993056154
wavelet-LHH	glcm	Imc1	-0.516225616
wavelet-LHH	glcm	DifferenceAverage	6.420625927
wavelet-LHH	glcm	Id	0.233300027
wavelet-LHH	glcm	ClusterTendency	65.5904766
wavelet-LHH	firstorder	InterquartileRange	165.1803401
wavelet-LHH	firstorder	Skewness	0.080637782
wavelet-LHH	firstorder	Uniformity	0.055272109
wavelet-LHH	firstorder	Median	14.65131104
wavelet-LHH	firstorder	Energy	2052541.678
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	75.73071661
wavelet-LHH	firstorder	MeanAbsoluteDeviation	118.4617282
wavelet-LHH	firstorder	TotalEnergy	55418625.32
wavelet-LHH	firstorder	Maximum	461.8915791
wavelet-LHH	firstorder	RootMeanSquared	156.3170496
wavelet-LHH	firstorder	90Percentile	198.0650971
wavelet-LHH	firstorder	Minimum	-420.6230714
wavelet-LHH	firstorder	Entropy	4.363321555
wavelet-LHH	firstorder	Range	882.5146505
wavelet-LHH	firstorder	Variance	24210.0728
wavelet-LHH	firstorder	10Percentile	-176.9870159
wavelet-LHH	firstorder	Kurtosis	3.589632464
wavelet-LHH	firstorder	Mean	14.99823939
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.01692124
wavelet-LHH	glrlm	GrayLevelVariance	39.00310409
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.016974803
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.054804413
wavelet-LHH	glrlm	RunVariance	0.029524271
wavelet-LHH	glrlm	GrayLevelNonUniformity	4.494172715
wavelet-LHH	glrlm	LongRunEmphasis	1.079551909
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	360.5681757
wavelet-LHH	glrlm	RunLengthNonUniformity	78.5486866
wavelet-LHH	glrlm	ShortRunEmphasis	0.983303961
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	393.4916587
wavelet-LHH	glrlm	RunPercentage	0.976190476
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.017226602
wavelet-LHH	glrlm	RunEntropy	4.446820125
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	366.256671
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.957614541
wavelet-LHH	glszm	GrayLevelVariance	50.7475
wavelet-LHH	glszm	ZoneVariance	0.84
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.049444444
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.597777778
wavelet-LHH	glszm	SizeZoneNonUniformity	35.86666667
wavelet-LHH	glszm	GrayLevelNonUniformity	2.966666667
wavelet-LHH	glszm	LargeAreaEmphasis	2.8

wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	311.6803519
wavelet-LHH	glszm	ZonePercentage	0.714285714
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.027516696
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	1011.633333
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	376.55
wavelet-LHH	glszm	SmallAreaEmphasis	0.800666667
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.0220116
wavelet-LHH	glszm	ZoneEntropy	4.996404088
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.021334912
wavelet-LHH	ngtdm	Coarseness	0.060472078
wavelet-LHH	ngtdm	Complexity	1262.912123
wavelet-LHH	ngtdm	Strength	13.1481914
wavelet-LHH	ngtdm	Contrast	0.633936023
wavelet-LHH	ngtdm	Busyness	0.046852092
wavelet-LLH	gldm	GrayLevelVariance	113.8893141
wavelet-LLH	gldm	HighGrayLevelEmphasis	761.1071429
wavelet-LLH	gldm	DependenceEntropy	5.271615453
wavelet-LLH	gldm	DependenceNonUniformity	39.14285714
wavelet-LLH	gldm	GrayLevelNonUniformity	3.571428571
wavelet-LLH	gldm	SmallDependenceEmphasis	0.706679894
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	584.8687996
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.465986395
wavelet-LLH	gldm	LargeDependenceEmphasis	3.238095238
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.02526001
wavelet-LLH	gldm	DependenceVariance	0.768707483
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1933.178571
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.019760114
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.020361492
wavelet-LLH	glcm	JointAverage	24.53547606
wavelet-LLH	glcm	SumAverage	49.07095212
wavelet-LLH	glcm	JointEntropy	6.330179979
wavelet-LLH	glcm	ClusterShade	1630.52868
wavelet-LLH	glcm	MaximumProbability	0.029098362
wavelet-LLH	glcm	Idmn	0.939628381
wavelet-LLH	glcm	JointEnergy	0.013381855
wavelet-LLH	glcm	Contrast	219.3615367
wavelet-LLH	glcm	DifferenceEntropy	4.14274922
wavelet-LLH	glcm	InverseVariance	0.10575613
wavelet-LLH	glcm	DifferenceVariance	93.54834765
wavelet-LLH	glcm	Idn	0.845923688
wavelet-LLH	glcm	Idm	0.103907128
wavelet-LLH	glcm	Correlation	-0.011486753
wavelet-LLH	glcm	Autocorrelation	602.2472733
wavelet-LLH	glcm	SumEntropy	4.753542558
wavelet-LLH	glcm	SumSquares	109.82873
wavelet-LLH	glcm	ClusterProminence	208264.6482
wavelet-LLH	glcm	Imc2	0.998465142
wavelet-LLH	glcm	Imc1	-0.634837424
wavelet-LLH	glcm	DifferenceAverage	10.94299095
wavelet-LLH	glcm	Id	0.182548863
wavelet-LLH	glcm	ClusterTendency	219.9533834
wavelet-LLH	firstorder	InterquartileRange	296.4542398
wavelet-LLH	firstorder	Skewness	0.2440529
wavelet-LLH	firstorder	Uniformity	0.042517007



wavelet-LLH	firstorder	Median	-99.10384337
wavelet-LLH	firstorder	Energy	6469844.987
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	127.1051736
wavelet-LLH	firstorder	MeanAbsoluteDeviation	203.1285995
wavelet-LLH	firstorder	TotalEnergy	174685814.7
wavelet-LLH	firstorder	Maximum	605.6842893
wavelet-LLH	firstorder	RootMeanSquared	277.5283123
wavelet-LLH	firstorder	90Percentile	289.3298355
wavelet-LLH	firstorder	Minimum	-676.5924794
wavelet-LLH	firstorder	Entropy	4.790089072
wavelet-LLH	firstorder	Range	1282.276769
wavelet-LLH	firstorder	Variance	71196.79791
wavelet-LLH	firstorder	10Percentile	-394.4295678
wavelet-LLH	firstorder	Kurtosis	3.168854817
wavelet-LLH	firstorder	Mean	-76.32277658
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.020743916
wavelet-LLH	glrlm	GrayLevelVariance	115.5743016
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.020779581
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.041799525
wavelet-LLH	glrlm	RunVariance	0.023897668
wavelet-LLH	glrlm	GrayLevelNonUniformity	3.435334806
wavelet-LLH	glrlm	LongRunEmphasis	1.070802602
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	756.7147728
wavelet-LLH	glrlm	RunLengthNonUniformity	78.74798321
wavelet-LLH	glrlm	ShortRunEmphasis	0.98339512
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	804.9541524
wavelet-LLH	glrlm	RunPercentage	0.978021978
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.020930529
wavelet-LLH	glrlm	RunEntropy	4.864354744
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	765.8989188
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.957742519
wavelet-LLH	glszm	GrayLevelVariance	133.8991716
wavelet-LLH	glszm	ZoneVariance	0.576094675
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037633136
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.701301775
wavelet-LLH	glszm	SizeZoneNonUniformity	45.58461538
wavelet-LLH	glszm	GrayLevelNonUniformity	2.446153846
wavelet-LLH	glszm	LargeAreaEmphasis	2.246153846
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	722.6992521
wavelet-LLH	glszm	ZonePercentage	0.773809524
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.028414027
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1481.369231
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	814.7076923
wavelet-LLH	glszm	SmallAreaEmphasis	0.860551282
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.025700155
wavelet-LLH	glszm	ZoneEntropy	5.145143967
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.025429753
wavelet-LLH	ngtdm	Coarseness	0.044663129
wavelet-LLH	ngtdm	Complexity	4534.949951
wavelet-LLH	ngtdm	Strength	27.68534018
wavelet-LLH	ngtdm	Contrast	1.735166625
wavelet-LLH	ngtdm	Busyness	0.037292711
wavelet-LLL	gldm	GrayLevelVariance	451.6405896
wavelet-LLL	gldm	HighGrayLevelEmphasis	2665.119048

wavelet-LLL	gldm	DependenceEntropy	5.612439149
wavelet-LLL	gldm	DependenceNonUniformity	61.30952381
wavelet-LLL	gldm	GrayLevelNonUniformity	2.047619048
wavelet-LLL	gldm	SmallDependenceEmphasis	0.878968254
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2144.654762
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.729875283
wavelet-LLL	gldm	LargeDependenceEmphasis	1.642857143
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025397009
wavelet-LLL	gldm	DependenceVariance	0.225623583
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	5502.690476
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.025187255
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.025222538
wavelet-LLL	glcm	JointAverage	52.84103788
wavelet-LLL	glcm	SumAverage	105.6820758
wavelet-LLL	glcm	JointEntropy	6.513720884
wavelet-LLL	glcm	ClusterShade	-10164.50493
wavelet-LLL	glcm	MaximumProbability	0.018553847
wavelet-LLL	glcm	Idmn	0.917239435
wavelet-LLL	glcm	JointEnergy	0.011238257
wavelet-LLL	glcm	Contrast	755.4927566
wavelet-LLL	glcm	DifferenceEntropy	4.760881339
wavelet-LLL	glcm	InverseVariance	0.050868195
wavelet-LLL	glcm	DifferenceVariance	238.3672169
wavelet-LLL	glcm	Idn	0.810739086
wavelet-LLL	glcm	Idm	0.04395886
wavelet-LLL	glcm	Correlation	0.13235838
wavelet-LLL	glcm	Autocorrelation	2849.085638
wavelet-LLL	glcm	SumEntropy	5.222900164
wavelet-LLL	glcm	SumSquares	433.225156
wavelet-LLL	glcm	ClusterProminence	2650560.594
wavelet-LLL	glcm	Imc2	0.999877222
wavelet-LLL	glcm	Imc1	-0.782212699
wavelet-LLL	glcm	DifferenceAverage	22.30697711
wavelet-LLL	glcm	Id	0.099941839
wavelet-LLL	glcm	ClusterTendency	977.4078676
wavelet-LLL	firstorder	InterquartileRange	781.6354493
wavelet-LLL	firstorder	Skewness	-0.153087004
wavelet-LLL	firstorder	Uniformity	0.024376417
wavelet-LLL	firstorder	Median	-578.2983577
wavelet-LLL	firstorder	Energy	47631016.78
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	325.7207324
wavelet-LLL	firstorder	MeanAbsoluteDeviation	440.6675506
wavelet-LLL	firstorder	TotalEnergy	1286037453
wavelet-LLL	firstorder	Maximum	433.4450209
wavelet-LLL	firstorder	RootMeanSquared	753.017871
wavelet-LLL	firstorder	90Percentile	164.358449
wavelet-LLL	firstorder	Minimum	-1692.967892
wavelet-LLL	firstorder	Entropy	5.554644471
wavelet-LLL	firstorder	Range	2126.412913
wavelet-LLL	firstorder	Variance	279829.559
wavelet-LLL	firstorder	10Percentile	-1271.61258
wavelet-LLL	firstorder	Kurtosis	2.216309145
wavelet-LLL	firstorder	Mean	-535.9163695
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.025407607

wavelet-LLL	glrlm	GrayLevelVariance	451.3545394
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.02540917
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.024222125
wavelet-LLL	glrlm	RunVariance	0.007322473
wavelet-LLL	glrlm	GrayLevelNonUniformity	2.019923166
wavelet-LLL	glrlm	LongRunEmphasis	1.022446258
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2627.785183
wavelet-LLL	glrlm	RunLengthNonUniformity	82.18006736
wavelet-LLL	glrlm	ShortRunEmphasis	0.994388436
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2750.516285
wavelet-LLL	glrlm	RunPercentage	0.992673993
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.025415425
wavelet-LLL	glrlm	RunEntropy	5.566975972
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2652.331403
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.985355054
wavelet-LLL	glszm	GrayLevelVariance	446.6652049
wavelet-LLL	glszm	ZoneVariance	0.108618654
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023444088
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.85461292
wavelet-LLL	glszm	SizeZoneNonUniformity	65.80519481
wavelet-LLL	glszm	GrayLevelNonUniformity	1.805194805
wavelet-LLL	glszm	LargeAreaEmphasis	1.298701299
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2258.733766
wavelet-LLL	glszm	ZonePercentage	0.916666667
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.027573484
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3815.584416
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2515.142857
wavelet-LLL	glszm	SmallAreaEmphasis	0.93975469
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.02748923
wavelet-LLL	glszm	ZoneEntropy	5.607632158
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.027471197
wavelet-LLL	ngtdm	Coarseness	0.031298011
wavelet-LLL	ngtdm	Complexity	26213.52875
wavelet-LLL	ngtdm	Strength	71.13566854
wavelet-LLL	ngtdm	Contrast	5.485289911
wavelet-LLL	ngtdm	Busyness	0.016159365
wavelet-HHL	gldm	GrayLevelVariance	62.6614229
wavelet-HHL	gldm	HighGrayLevelEmphasis	585.6547619
wavelet-HHL	gldm	DependenceEntropy	5.350841905
wavelet-HHL	gldm	DependenceNonUniformity	40.07142857
wavelet-HHL	gldm	GrayLevelNonUniformity	3.880952381
wavelet-HHL	gldm	SmallDependenceEmphasis	0.702132937
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	411.4107143
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.477040816
wavelet-HHL	gldm	LargeDependenceEmphasis	2.642857143
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019474073
wavelet-HHL	gldm	DependenceVariance	0.463718821
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1520.72619
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015613834
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.016205897
wavelet-HHL	glcm	JointAverage	22.5981057
wavelet-HHL	glcm	SumAverage	45.19621141
wavelet-HHL	glcm	JointEntropy	6.38296103
wavelet-HHL	glcm	ClusterShade	-79.61361367

wavelet-HHL	glcm	MaximumProbability	0.024605335
wavelet-HHL	glcm	Idmn	0.937017029
wavelet-HHL	glcm	JointEnergy	0.012672042
wavelet-HHL	glcm	Contrast	134.8670387
wavelet-HHL	glcm	DifferenceEntropy	4.083022515
wavelet-HHL	glcm	InverseVariance	0.120714822
wavelet-HHL	glcm	DifferenceVariance	50.8454466
wavelet-HHL	glcm	Idn	0.837321396
wavelet-HHL	glcm	Idm	0.108799072
wavelet-HHL	glcm	Correlation	-0.040277747
wavelet-HHL	glcm	Autocorrelation	509.0666197
wavelet-HHL	glcm	SumEntropy	4.677024482
wavelet-HHL	glcm	SumSquares	65.44575928
wavelet-HHL	glcm	ClusterProminence	48090.45503
wavelet-HHL	glcm	Imc2	0.998329261
wavelet-HHL	glcm	Imc1	-0.626232036
wavelet-HHL	glcm	DifferenceAverage	9.080716609
wavelet-HHL	glcm	Id	0.192242343
wavelet-HHL	glcm	ClusterTendency	126.9159984
wavelet-HHL	firstorder	InterquartileRange	208.1906665
wavelet-HHL	firstorder	Skewness	-0.159069518
wavelet-HHL	firstorder	Uniformity	0.046201814
wavelet-HHL	firstorder	Median	27.35467812
wavelet-HHL	firstorder	Energy	3377983.427
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	94.34836802
wavelet-HHL	firstorder	MeanAbsoluteDeviation	149.7688445
wavelet-HHL	firstorder	TotalEnergy	91205552.54
wavelet-HHL	firstorder	Maximum	511.1977029
wavelet-HHL	firstorder	RootMeanSquared	200.5345068
wavelet-HHL	firstorder	90Percentile	308.2974888
wavelet-HHL	firstorder	Minimum	-502.8394164
wavelet-HHL	firstorder	Entropy	4.668588009
wavelet-HHL	firstorder	Range	1014.037119
wavelet-HHL	firstorder	Variance	38988.42786
wavelet-HHL	firstorder	10Percentile	-169.1192275
wavelet-HHL	firstorder	Kurtosis	3.336180409
wavelet-HHL	firstorder	Mean	35.0094354
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.016445843
wavelet-HHL	glrlm	GrayLevelVariance	63.44621234
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.016473974
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.046073929
wavelet-HHL	glrlm	RunVariance	0.018296246
wavelet-HHL	glrlm	GrayLevelNonUniformity	3.799481421
wavelet-HHL	glrlm	LongRunEmphasis	1.056569116
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	577.7180247
wavelet-HHL	glrlm	RunLengthNonUniformity	79.47556279
wavelet-HHL	glrlm	ShortRunEmphasis	0.985857721
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	618.3895845
wavelet-HHL	glrlm	RunPercentage	0.981684982
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.016586497
wavelet-HHL	glrlm	RunEntropy	4.7257267
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	585.8523366
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.963407508
wavelet-HHL	glszm	GrayLevelVariance	74.52639053

wavelet-HHL	glszm	ZoneVariance	0.453017751
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.044733728
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.661065089
wavelet-HHL	glszm	SizeZoneNonUniformity	42.96923077
wavelet-HHL	glszm	GrayLevelNonUniformity	2.907692308
wavelet-HHL	glszm	LargeAreaEmphasis	2.123076923
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	492.667094
wavelet-HHL	glszm	ZonePercentage	0.773809524
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.022633089
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1216.630769
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	588.7692308
wavelet-HHL	glszm	SmallAreaEmphasis	0.839957265
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.020357197
wavelet-HHL	glszm	ZoneEntropy	5.137999452
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.020042317
wavelet-HHL	ngtdm	Coarseness	0.060665208
wavelet-HHL	ngtdm	Complexity	2621.095334
wavelet-HHL	ngtdm	Strength	22.41001513
wavelet-HHL	ngtdm	Contrast	0.777640473
wavelet-HHL	ngtdm	Busyness	0.027000676
wavelet-HLH	gldm	GrayLevelVariance	38.60359977
wavelet-HLH	gldm	HighGrayLevelEmphasis	352.8214286
wavelet-HLH	gldm	DependenceEntropy	5.261132304
wavelet-HLH	gldm	DependenceNonUniformity	30.69047619
wavelet-HLH	gldm	GrayLevelNonUniformity	4.952380952
wavelet-HLH	gldm	SmallDependenceEmphasis	0.535859788
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	188.4883069
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.365362812
wavelet-HLH	gldm	LargeDependenceEmphasis	4.69047619
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.031877828
wavelet-HLH	gldm	DependenceVariance	1.152494331
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1603.988095
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.015536881
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.017579209
wavelet-HLH	glcm	JointAverage	17.27852623
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wavelet-HLH	glcm	ClusterShade	-171.4532713
wavelet-HLH	glcm	MaximumProbability	0.030253179
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wavelet-HLH	glcm	JointEnergy	0.013945168
wavelet-HLH	glcm	Contrast	71.99343636
wavelet-HLH	glcm	DifferenceEntropy	3.737212355
wavelet-HLH	glcm	InverseVariance	0.138128854
wavelet-HLH	glcm	DifferenceVariance	25.80025694
wavelet-HLH	glcm	Idn	0.836559917
wavelet-HLH	glcm	Idm	0.146559996
wavelet-HLH	glcm	Correlation	0.034938069
wavelet-HLH	glcm	Autocorrelation	300.0712341
wavelet-HLH	glcm	SumEntropy	4.489936386
wavelet-HLH	glcm	SumSquares	37.40883921
wavelet-HLH	glcm	ClusterProminence	18456.65741
wavelet-HLH	glcm	Imc2	0.993792776
wavelet-HLH	glcm	Imc1	-0.52376769

wavelet-HLH	glcm	DifferenceAverage	6.70855973
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wavelet-HLH	glcm	ClusterTendency	77.64192047
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wavelet-HLH	firstorder	Uniformity	0.058956916
wavelet-HLH	firstorder	Median	26.03898319
wavelet-HLH	firstorder	Energy	2076430.16
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	84.52548047
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wavelet-HLH	firstorder	TotalEnergy	56063614.33
wavelet-HLH	firstorder	Maximum	361.497514
wavelet-HLH	firstorder	RootMeanSquared	157.2240652
wavelet-HLH	firstorder	90Percentile	219.0111711
wavelet-HLH	firstorder	Minimum	-377.7604252
wavelet-HLH	firstorder	Entropy	4.352871073
wavelet-HLH	firstorder	Range	739.2579392
wavelet-HLH	firstorder	Variance	23824.08591
wavelet-HLH	firstorder	10Percentile	-168.9111132
wavelet-HLH	firstorder	Kurtosis	2.818647627
wavelet-HLH	firstorder	Mean	29.92191109
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.017957644
wavelet-HLH	glrlm	GrayLevelVariance	39.24969863
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.01806052
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.057859911
wavelet-HLH	glrlm	RunVariance	0.03768008
wavelet-HLH	glrlm	GrayLevelNonUniformity	4.696997151
wavelet-HLH	glrlm	LongRunEmphasis	1.110502925
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	343.9281657
wavelet-HLH	glrlm	RunLengthNonUniformity	75.99947594
wavelet-HLH	glrlm	ShortRunEmphasis	0.974539456
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	391.1975253
wavelet-HLH	glrlm	RunPercentage	0.966117216
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.018505854
wavelet-HLH	glrlm	RunEntropy	4.476910715
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	352.9386072
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.935724095
wavelet-HLH	glszm	GrayLevelVariance	46.50446281
wavelet-HLH	glszm	ZoneVariance	0.976528926
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.050578512
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.491570248
wavelet-HLH	glszm	SizeZoneNonUniformity	27.03636364
wavelet-HLH	glszm	GrayLevelNonUniformity	2.781818182
wavelet-HLH	glszm	LargeAreaEmphasis	3.309090909
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	251.4722635
wavelet-HLH	glszm	ZonePercentage	0.654761905
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.033880142
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1134.927273
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	353.0727273
wavelet-HLH	glszm	SmallAreaEmphasis	0.714638734
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.024592795
wavelet-HLH	glszm	ZoneEntropy	5.07191335
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.02325093
wavelet-HLH	ngtdm	Coarseness	0.052093208

wavelet-HLH	ngtdm	Complexity	1346.564372
wavelet-HLH	ngtdm	Strength	13.58559551
wavelet-HLH	ngtdm	Contrast	0.588231638
wavelet-HLH	ngtdm	Busyness	0.04384399

Image type	Feature Class	Feature Name	
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general	info	ImageSpacing	(0.9765625000000002, 0.9765625000000002, 2.0)
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	153
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original	shape	SurfaceVolumeRatio	0.365377231
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original	shape	MajorAxis	23.62789175
original	shape	SurfaceArea	1509.373341
original	shape	Flatness	0.659631117
original	shape	LeastAxis	15.58569262
original	shape	Maximum2DDiameterColumn	25.8069758
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original	gldm	HighGrayLevelEmphasis	717.8169935
original	gldm	DependenceEntropy	5.726310435
original	gldm	DependenceNonUniformity	47.45751634
original	gldm	GrayLevelNonUniformity	9.549019608
original	gldm	SmallDependenceEmphasis	0.555017081
original	gldm	SmallDependenceHighGrayLevelEmphasis	323.8455174
original	gldm	DependenceNonUniformityNormalized	0.310179845
original	gldm	LargeDependenceEmphasis	7.14379085
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.017902134
original	gldm	DependenceVariance	2.463496946
original	gldm	LargeDependenceHighGrayLevelEmphasis	6860.196078
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.010791227
original	gldm	LowGrayLevelEmphasis	0.0113663
original	glcm	JointAverage	26.99930928
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original	glcm	JointEntropy	6.824951981
original	glcm	ClusterShade	-1269.853002
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original	glcm	ClusterTendency	111.6458345
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original	firstorder	Maximum	75
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original	firstorder	Entropy	4.378723994
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.011811439
original	glrlm	GrayLevelVariance	58.79373111
original	glrlm	LowGrayLevelRunEmphasis	0.011849485
original	glrlm	GrayLevelNonUniformityNormalized	0.058859417
original	glrlm	RunVariance	0.053228746
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original	glrlm	LongRunEmphasis	1.150369011
original	glrlm	ShortRunHighGrayLevelEmphasis	674.5765806
original	glrlm	RunLengthNonUniformity	134.1186383
original	glrlm	ShortRunEmphasis	0.966921653
original	glrlm	LongRunHighGrayLevelEmphasis	851.5049508
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original	glrlm	RunEntropy	4.624943331
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original	glrlm	RunLengthNonUniformityNormalized	0.917071089

original	glszm	GrayLevelVariance	64.51844726
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original	glszm	GrayLevelNonUniformityNormalized	0.044590312
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original	glszm	SizeZoneNonUniformity	57.36170213
original	glszm	GrayLevelNonUniformity	4.191489362
original	glszm	LargeAreaEmphasis	8.5
original	glszm	SmallAreaHighGrayLevelEmphasis	449.4261718
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original	glszm	HighGrayLevelZoneEmphasis	595.9680851
original	glszm	SmallAreaEmphasis	0.808398907
original	glszm	LowGrayLevelZoneEmphasis	0.017722872
original	glszm	ZoneEntropy	5.377512225
original	glszm	SmallAreaLowGrayLevelEmphasis	0.017428762
original	ngtdm	Coarseness	0.024647295
original	ngtdm	Complexity	2233.461089
original	ngtdm	Strength	15.39780773
original	ngtdm	Contrast	0.644041919
original	ngtdm	Busyness	0.042894896
wavelet-HHH	gldm	GrayLevelVariance	11.33025759
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wavelet-HHH	gldm	DependenceNonUniformity	40.66013072
wavelet-HHH	gldm	GrayLevelNonUniformity	14.7124183
wavelet-HHH	gldm	SmallDependenceEmphasis	0.414534258
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	43.50127558
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.265752488
wavelet-HHH	gldm	LargeDependenceEmphasis	6.960784314
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.11821524
wavelet-HHH	gldm	DependenceVariance	1.637660729
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	717.6013072
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.029137664
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.037943111
wavelet-HHH	glcm	JointAverage	9.394992152
wavelet-HHH	glcm	SumAverage	18.7899843
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wavelet-HHH	glcm	ClusterShade	-5.666599343
wavelet-HHH	glcm	MaximumProbability	0.038807039
wavelet-HHH	glcm	Idmn	0.930400731
wavelet-HHH	glcm	JointEnergy	0.014572785
wavelet-HHH	glcm	Contrast	24.52387848
wavelet-HHH	glcm	DifferenceEntropy	3.281547145
wavelet-HHH	glcm	InverseVariance	0.222944238
wavelet-HHH	glcm	DifferenceVariance	8.338194663
wavelet-HHH	glcm	Idn	0.825996348
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wavelet-HHH	glcm	Correlation	-0.031567252
wavelet-HHH	glcm	Autocorrelation	87.92142022
wavelet-HHH	glcm	SumEntropy	4.052352765
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wavelet-HHH	glcm	ClusterProminence	1564.845666
wavelet-HHH	glcm	Imc2	0.900220532
wavelet-HHH	glcm	Imc1	-0.232018281

wavelet-HHH	glcm	DifferenceAverage	3.964195651
wavelet-HHH	glcm	Id	0.309462263
wavelet-HHH	glcm	ClusterTendency	23.09897522
wavelet-HHH	firstorder	InterquartileRange	113.667559
wavelet-HHH	firstorder	Skewness	-0.089748031
wavelet-HHH	firstorder	Uniformity	0.096159597
wavelet-HHH	firstorder	Median	-3.5535207
wavelet-HHH	firstorder	Energy	1112205.112
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	44.54142639
wavelet-HHH	firstorder	MeanAbsoluteDeviation	66.97635928
wavelet-HHH	firstorder	TotalEnergy	30029538.03
wavelet-HHH	firstorder	Maximum	192.1052851
wavelet-HHH	firstorder	RootMeanSquared	85.2602748
wavelet-HHH	firstorder	90Percentile	97.4838912
wavelet-HHH	firstorder	Minimum	-224.0506418
wavelet-HHH	firstorder	Entropy	3.629517908
wavelet-HHH	firstorder	Range	416.1559269
wavelet-HHH	firstorder	Variance	7268.03412
wavelet-HHH	firstorder	10Percentile	-116.0266698
wavelet-HHH	firstorder	Kurtosis	2.993120196
wavelet-HHH	firstorder	Mean	-1.13152069
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.038654891
wavelet-HHH	glrlm	GrayLevelVariance	11.57017918
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.039207783
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.094347314
wavelet-HHH	glrlm	RunVariance	0.054415386
wavelet-HHH	glrlm	GrayLevelNonUniformity	13.71111271
wavelet-HHH	glrlm	LongRunEmphasis	1.164042314
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	96.44962448
wavelet-HHH	glrlm	RunLengthNonUniformity	131.3248427
wavelet-HHH	glrlm	ShortRunEmphasis	0.96139282
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	116.8018107
wavelet-HHH	glrlm	RunPercentage	0.949723479
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.041518527
wavelet-HHH	glrlm	RunEntropy	3.880818657
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	100.2889347
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.903303551
wavelet-HHH	glszm	GrayLevelVariance	16.01899196
wavelet-HHH	glszm	ZoneVariance	5.063002191
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.07633309
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.410883857
wavelet-HHH	glszm	SizeZoneNonUniformity	30.40540541
wavelet-HHH	glszm	GrayLevelNonUniformity	5.648648649
wavelet-HHH	glszm	LargeAreaEmphasis	9.337837838
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	71.98029094
wavelet-HHH	glszm	ZonePercentage	0.483660131
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.16916888
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1014.608108
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	103.972973
wavelet-HHH	glszm	SmallAreaEmphasis	0.665607831
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.062604409
wavelet-HHH	glszm	ZoneEntropy	5.044063758
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.057285433
wavelet-HHH	ngtdm	Coarseness	0.033353762
wavelet-HHH	ngtdm	Complexity	297.6327363

wavelet-HHH	ngtdm	Strength	2.818918397
wavelet-HHH	ngtdm	Contrast	0.233256664
wavelet-HHH	ngtdm	Busyness	0.191643913
wavelet-HLL	gldm	GrayLevelVariance	35.14340638
wavelet-HLL	gldm	HighGrayLevelEmphasis	281.2026144
wavelet-HLL	gldm	DependenceEntropy	5.635857042
wavelet-HLL	gldm	DependenceNonUniformity	51.71895425
wavelet-HLL	gldm	GrayLevelNonUniformity	8.176470588
wavelet-HLL	gldm	SmallDependenceEmphasis	0.540566449
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	161.8070824
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.338032381
wavelet-HLL	gldm	LargeDependenceEmphasis	4.254901961
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.030507254
wavelet-HLL	gldm	DependenceVariance	0.833611004
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	1157.686275
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.012240548
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.014724211
wavelet-HLL	glcm	JointAverage	15.62942447
wavelet-HLL	glcm	SumAverage	31.25884893
wavelet-HLL	glcm	JointEntropy	7.093772101
wavelet-HLL	glcm	ClusterShade	182.1655441
wavelet-HLL	glcm	MaximumProbability	0.018247352
wavelet-HLL	glcm	Idmn	0.964159505
wavelet-HLL	glcm	JointEnergy	0.008100499
wavelet-HLL	glcm	Contrast	52.66672346
wavelet-HLL	glcm	DifferenceEntropy	3.740337373
wavelet-HLL	glcm	InverseVariance	0.17456479
wavelet-HLL	glcm	DifferenceVariance	19.71270092
wavelet-HLL	glcm	Idn	0.873315176
wavelet-HLL	glcm	Idm	0.157809528
wavelet-HLL	glcm	Correlation	0.106891825
wavelet-HLL	glcm	Autocorrelation	247.6957965
wavelet-HLL	glcm	SumEntropy	4.683468842
wavelet-HLL	glcm	SumSquares	29.72777739
wavelet-HLL	glcm	ClusterProminence	16260.1836
wavelet-HLL	glcm	Imc2	0.974601462
wavelet-HLL	glcm	Imc1	-0.352953742
wavelet-HLL	glcm	DifferenceAverage	5.663379077
wavelet-HLL	glcm	Id	0.251569737
wavelet-HLL	glcm	ClusterTendency	66.24438611
wavelet-HLL	firstorder	InterquartileRange	194.9080249
wavelet-HLL	firstorder	Skewness	0.28531165
wavelet-HLL	firstorder	Uniformity	0.053440984
wavelet-HLL	firstorder	Median	-58.80026252
wavelet-HLL	firstorder	Energy	3692747.992
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	82.17513945
wavelet-HLL	firstorder	MeanAbsoluteDeviation	117.8563667
wavelet-HLL	firstorder	TotalEnergy	99704195.79
wavelet-HLL	firstorder	Maximum	453.5779314
wavelet-HLL	firstorder	RootMeanSquared	155.3563896
wavelet-HLL	firstorder	90Percentile	143.1358764
wavelet-HLL	firstorder	Minimum	-404.8703182
wavelet-HLL	firstorder	Entropy	4.434448122
wavelet-HLL	firstorder	Range	858.4482497
wavelet-HLL	firstorder	Variance	22027.79895

wavelet-HLL	firstorder	10Percentile	-230.6267872
wavelet-HLL	firstorder	Kurtosis	3.262131226
wavelet-HLL	firstorder	Mean	-45.91087933
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01493289
wavelet-HLL	glrlm	GrayLevelVariance	35.78195367
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.015053033
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.053046641
wavelet-HLL	glrlm	RunVariance	0.038888284
wavelet-HLL	glrlm	GrayLevelNonUniformity	7.851147716
wavelet-HLL	glrlm	LongRunEmphasis	1.108431647
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	275.4549121
wavelet-HLL	glrlm	RunLengthNonUniformity	139.2580382
wavelet-HLL	glrlm	ShortRunEmphasis	0.976377373
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	310.6108252
wavelet-HLL	glrlm	RunPercentage	0.967320261
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.015601173
wavelet-HLL	glrlm	RunEntropy	4.571332976
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	281.7218507
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.94046182
wavelet-HLL	glszm	GrayLevelVariance	46.22891967
wavelet-HLL	glszm	ZoneVariance	1.437783934
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.047313019
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.51468144
wavelet-HLL	glszm	SizeZoneNonUniformity	48.89473684
wavelet-HLL	glszm	GrayLevelNonUniformity	4.494736842
wavelet-HLL	glszm	LargeAreaEmphasis	4.031578947
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	228.7389844
wavelet-HLL	glszm	ZonePercentage	0.620915033
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.034994126
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	1106.336842
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	292.8842105
wavelet-HLL	glszm	SmallAreaEmphasis	0.745592016
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.020525602
wavelet-HLL	glszm	ZoneEntropy	5.404926235
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.019020861
wavelet-HLL	ngtdm	Coarseness	0.036879137
wavelet-HLL	ngtdm	Complexity	1329.852593
wavelet-HLL	ngtdm	Strength	10.07788001
wavelet-HLL	ngtdm	Contrast	0.396472134
wavelet-HLL	ngtdm	Busyness	0.072549787
wavelet-LHL	gldm	GrayLevelVariance	85.43713956
wavelet-LHL	gldm	HighGrayLevelEmphasis	507.6993464
wavelet-LHL	gldm	DependenceEntropy	5.85432712
wavelet-LHL	gldm	DependenceNonUniformity	60.29411765
wavelet-LHL	gldm	GrayLevelNonUniformity	5.339869281
wavelet-LHL	gldm	SmallDependenceEmphasis	0.623366013
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	349.8247095
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.3940792
wavelet-LHL	gldm	LargeDependenceEmphasis	3.470588235
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.03343051
wavelet-LHL	gldm	DependenceVariance	0.692810458
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1408.901961
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.0114013
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.013990776
wavelet-LHL	glcm	JointAverage	19.52016483

wavelet-LHL	glcm	SumAverage	39.04032966
wavelet-LHL	glcm	JointEntropy	7.345948926
wavelet-LHL	glcm	ClusterShade	978.0207274
wavelet-LHL	glcm	MaximumProbability	0.014979897
wavelet-LHL	glcm	Idmn	0.939188716
wavelet-LHL	glcm	JointEnergy	0.006570469
wavelet-LHL	glcm	Contrast	132.0043144
wavelet-LHL	glcm	DifferenceEntropy	4.26517582
wavelet-LHL	glcm	InverseVariance	0.112793749
wavelet-LHL	glcm	DifferenceVariance	48.05900097
wavelet-LHL	glcm	Idn	0.840754095
wavelet-LHL	glcm	Idm	0.109925076
wavelet-LHL	glcm	Correlation	0.132191135
wavelet-LHL	glcm	Autocorrelation	392.754678
wavelet-LHL	glcm	SumEntropy	5.180423863
wavelet-LHL	glcm	SumSquares	77.54478671
wavelet-LHL	glcm	ClusterProminence	104162.1218
wavelet-LHL	glcm	Imc2	0.996593628
wavelet-LHL	glcm	Imc1	-0.508883034
wavelet-LHL	glcm	DifferenceAverage	8.871065324
wavelet-LHL	glcm	Id	0.195475827
wavelet-LHL	glcm	ClusterTendency	178.1748325
wavelet-LHL	firstorder	InterquartileRange	313.8477223
wavelet-LHL	firstorder	Skewness	0.302361239
wavelet-LHL	firstorder	Uniformity	0.034901106
wavelet-LHL	firstorder	Median	-39.45220152
wavelet-LHL	firstorder	Energy	8179589.612
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	128.2995176
wavelet-LHL	firstorder	MeanAbsoluteDeviation	184.5179301
wavelet-LHL	firstorder	TotalEnergy	220848919.5
wavelet-LHL	firstorder	Maximum	506.611173
wavelet-LHL	firstorder	RootMeanSquared	231.217149
wavelet-LHL	firstorder	90Percentile	319.4691882
wavelet-LHL	firstorder	Minimum	-500.4710065
wavelet-LHL	firstorder	Entropy	5.026644873
wavelet-LHL	firstorder	Range	1007.082179
wavelet-LHL	firstorder	Variance	52867.28055
wavelet-LHL	firstorder	10Percentile	-304.6720147
wavelet-LHL	firstorder	Kurtosis	2.532091199
wavelet-LHL	firstorder	Mean	-24.37395037
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.01400631
wavelet-LHL	glrlm	GrayLevelVariance	85.8696054
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.014159825
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.03473408
wavelet-LHL	glrlm	RunVariance	0.02663056
wavelet-LHL	glrlm	GrayLevelNonUniformity	5.17817102
wavelet-LHL	glrlm	LongRunEmphasis	1.081401448
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	503.4338789
wavelet-LHL	glrlm	RunLengthNonUniformity	141.7149604
wavelet-LHL	glrlm	ShortRunEmphasis	0.98023505
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	542.3386268
wavelet-LHL	glrlm	RunPercentage	0.974358974
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.014779195
wavelet-LHL	glrlm	RunEntropy	5.115370794
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	511.0082953

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.949770189
wavelet-LHL	glszm	GrayLevelVariance	92.38134431
wavelet-LHL	glszm	ZoneVariance	0.761574074
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.034636488
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.58899177
wavelet-LHL	glszm	SizeZoneNonUniformity	63.61111111
wavelet-LHL	glszm	GrayLevelNonUniformity	3.740740741
wavelet-LHL	glszm	LargeAreaEmphasis	2.768518519
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	456.5276492
wavelet-LHL	glszm	ZonePercentage	0.705882353
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.028512404
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1221.592593
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	549.0740741
wavelet-LHL	glszm	SmallAreaEmphasis	0.795781893
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.017021187
wavelet-LHL	glszm	ZoneEntropy	5.606377317
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.01568053
wavelet-LHL	ngtdm	Coarseness	0.038079757
wavelet-LHL	ngtdm	Complexity	3586.961639
wavelet-LHL	ngtdm	Strength	18.3231001
wavelet-LHL	ngtdm	Contrast	0.726600369
wavelet-LHL	ngtdm	Busyness	0.044824432
wavelet-LHH	gldm	GrayLevelVariance	29.68841044
wavelet-LHH	gldm	HighGrayLevelEmphasis	216.2875817
wavelet-LHH	gldm	DependenceEntropy	5.686355311
wavelet-LHH	gldm	DependenceNonUniformity	45.53594771
wavelet-LHH	gldm	GrayLevelNonUniformity	9.366013072
wavelet-LHH	gldm	SmallDependenceEmphasis	0.526214597
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	121.7844245
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.297620573
wavelet-LHH	gldm	LargeDependenceEmphasis	5.62745098
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.049963797
wavelet-LHH	gldm	DependenceVariance	1.388696655
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1092.614379
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.0157462
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.018866666
wavelet-LHH	glcm	JointAverage	13.77756139
wavelet-LHH	glcm	SumAverage	27.55512278
wavelet-LHH	glcm	JointEntropy	6.983279695
wavelet-LHH	glcm	ClusterShade	189.8608074
wavelet-LHH	glcm	MaximumProbability	0.022581207
wavelet-LHH	glcm	Idmn	0.951593878
wavelet-LHH	glcm	JointEnergy	0.009070589
wavelet-LHH	glcm	Contrast	58.78880675
wavelet-LHH	glcm	DifferenceEntropy	3.800891408
wavelet-LHH	glcm	InverseVariance	0.167894324
wavelet-LHH	glcm	DifferenceVariance	22.99441795
wavelet-LHH	glcm	Idn	0.857688163
wavelet-LHH	glcm	Idm	0.167736516
wavelet-LHH	glcm	Correlation	-0.00669855
wavelet-LHH	glcm	Autocorrelation	189.6524343
wavelet-LHH	glcm	SumEntropy	4.582269663
wavelet-LHH	glcm	SumSquares	29.2029963
wavelet-LHH	glcm	ClusterProminence	11899.72559
wavelet-LHH	glcm	Imc2	0.968938427

wavelet-LHH	glcm	Imc1	-0.335674667
wavelet-LHH	glcm	DifferenceAverage	5.873995018
wavelet-LHH	glcm	Id	0.25917601
wavelet-LHH	glcm	ClusterTendency	58.02317846
wavelet-LHH	firstorder	InterquartileRange	173.1829437
wavelet-LHH	firstorder	Skewness	0.470566606
wavelet-LHH	firstorder	Uniformity	0.061215772
wavelet-LHH	firstorder	Median	-4.620861937
wavelet-LHH	firstorder	Energy	2839901.248
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	70.81886459
wavelet-LHH	firstorder	MeanAbsoluteDeviation	106.5869793
wavelet-LHH	firstorder	TotalEnergy	76677333.68
wavelet-LHH	firstorder	Maximum	472.6027619
wavelet-LHH	firstorder	RootMeanSquared	136.2403981
wavelet-LHH	firstorder	90Percentile	182.2465036
wavelet-LHH	firstorder	Minimum	-322.085076
wavelet-LHH	firstorder	Entropy	4.275580678
wavelet-LHH	firstorder	Range	794.6878379
wavelet-LHH	firstorder	Variance	18541.43835
wavelet-LHH	firstorder	10Percentile	-144.6319533
wavelet-LHH	firstorder	Kurtosis	3.609817021
wavelet-LHH	firstorder	Mean	4.472998387
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.019182238
wavelet-LHH	glrlm	GrayLevelVariance	30.43884738
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.019386248
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.060205201
wavelet-LHH	glrlm	RunVariance	0.044887084
wavelet-LHH	glrlm	GrayLevelNonUniformity	8.836693936
wavelet-LHH	glrlm	LongRunEmphasis	1.132136463
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	211.3511138
wavelet-LHH	glrlm	RunLengthNonUniformity	135.415404
wavelet-LHH	glrlm	ShortRunEmphasis	0.969332091
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	242.6202405
wavelet-LHH	glrlm	RunPercentage	0.959276018
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.020271075
wavelet-LHH	glrlm	RunEntropy	4.471165799
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	217.2969148
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.922381813
wavelet-LHH	glszm	GrayLevelVariance	41.04064272
wavelet-LHH	glszm	ZoneVariance	2.02776465
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.049858223
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.549149338
wavelet-LHH	glszm	SizeZoneNonUniformity	50.52173913
wavelet-LHH	glszm	GrayLevelNonUniformity	4.586956522
wavelet-LHH	glszm	LargeAreaEmphasis	4.793478261
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	180.862795
wavelet-LHH	glszm	ZonePercentage	0.60130719
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.051424563
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	969.8478261
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	229.8043478
wavelet-LHH	glszm	SmallAreaEmphasis	0.766926068
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.026989832
wavelet-LHH	glszm	ZoneEntropy	5.298526908
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.025469451
wavelet-LHH	ngtdm	Coarseness	0.032113701



wavelet-LHH	ngtdm	Complexity	1284.113762
wavelet-LHH	ngtdm	Strength	8.302391412
wavelet-LHH	ngtdm	Contrast	0.372539735
wavelet-LHH	ngtdm	Busyness	0.094688005
wavelet-LLH	gldm	GrayLevelVariance	150.7287795
wavelet-LLH	gldm	HighGrayLevelEmphasis	558.3464052
wavelet-LLH	gldm	DependenceEntropy	5.883401506
wavelet-LLH	gldm	DependenceNonUniformity	66.58169935
wavelet-LLH	gldm	GrayLevelNonUniformity	5.62745098
wavelet-LLH	gldm	SmallDependenceEmphasis	0.664079521
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	426.7391068
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.435174506
wavelet-LLH	gldm	LargeDependenceEmphasis	3
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026564688
wavelet-LLH	gldm	DependenceVariance	0.559870135
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	1362.346405
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011167211
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.013538144
wavelet-LLH	glcm	JointAverage	18.76688517
wavelet-LLH	glcm	SumAverage	37.53377033
wavelet-LLH	glcm	JointEntropy	7.314485088
wavelet-LLH	glcm	ClusterShade	7422.689308
wavelet-LLH	glcm	MaximumProbability	0.016657749
wavelet-LLH	glcm	Idmn	0.956030641
wavelet-LLH	glcm	JointEnergy	0.006782928
wavelet-LLH	glcm	Contrast	210.0840392
wavelet-LLH	glcm	DifferenceEntropy	4.3637964
wavelet-LLH	glcm	InverseVariance	0.108317026
wavelet-LLH	glcm	DifferenceVariance	90.86332071
wavelet-LLH	glcm	Idn	0.868900249
wavelet-LLH	glcm	Idm	0.100050038
wavelet-LLH	glcm	Correlation	0.123290312
wavelet-LLH	glcm	Autocorrelation	371.3504388
wavelet-LLH	glcm	SumEntropy	5.191572182
wavelet-LLH	glcm	SumSquares	123.9952646
wavelet-LLH	glcm	ClusterProminence	551191.1116
wavelet-LLH	glcm	Imc2	0.997060245
wavelet-LLH	glcm	Imc1	-0.52102584
wavelet-LLH	glcm	DifferenceAverage	10.48349872
wavelet-LLH	glcm	Id	0.181832467
wavelet-LLH	glcm	ClusterTendency	285.8970191
wavelet-LLH	firstorder	InterquartileRange	316.3206666
wavelet-LLH	firstorder	Skewness	1.319014894
wavelet-LLH	firstorder	Uniformity	0.036780725
wavelet-LLH	firstorder	Median	-118.2007332
wavelet-LLH	firstorder	Energy	14934461.4
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	142.2514573
wavelet-LLH	firstorder	MeanAbsoluteDeviation	230.4813709
wavelet-LLH	firstorder	TotalEnergy	403230457.8
wavelet-LLH	firstorder	Maximum	979.9608824
wavelet-LLH	firstorder	RootMeanSquared	312.4273657
wavelet-LLH	firstorder	90Percentile	426.6969271
wavelet-LLH	firstorder	Minimum	-533.4608159
wavelet-LLH	firstorder	Entropy	5.076742377
wavelet-LLH	firstorder	Range	1513.421698

wavelet-LLH	firstorder	Variance	94316.86829
wavelet-LLH	firstorder	10Percentile	-362.3127331
wavelet-LLH	firstorder	Kurtosis	4.602878865
wavelet-LLH	firstorder	Mean	-57.39329689
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.013589479
wavelet-LLH	glrlm	GrayLevelVariance	151.8993539
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.013691867
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.036483467
wavelet-LLH	glrlm	RunVariance	0.027991173
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.461080256
wavelet-LLH	glrlm	LongRunEmphasis	1.074235569
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	555.4372135
wavelet-LLH	glrlm	RunLengthNonUniformity	144.0285893
wavelet-LLH	glrlm	ShortRunEmphasis	0.984741443
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	590.9257648
wavelet-LLH	glrlm	RunPercentage	0.978381096
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.014191786
wavelet-LLH	glrlm	RunEntropy	5.153303958
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	561.8283059
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.961438654
wavelet-LLH	glszm	GrayLevelVariance	167.9110775
wavelet-LLH	glszm	ZoneVariance	0.499508507
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.032741021
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.617391304
wavelet-LLH	glszm	SizeZoneNonUniformity	71
wavelet-LLH	glszm	GrayLevelNonUniformity	3.765217391
wavelet-LLH	glszm	LargeAreaEmphasis	2.269565217
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	542.106942
wavelet-LLH	glszm	ZonePercentage	0.751633987
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.024601796
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	1093.156522
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	614.773913
wavelet-LLH	glszm	SmallAreaEmphasis	0.813995169
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.015676071
wavelet-LLH	glszm	ZoneEntropy	5.769919751
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.01433764
wavelet-LLH	ngtdm	Coarseness	0.02925015
wavelet-LLH	ngtdm	Complexity	7820.505323
wavelet-LLH	ngtdm	Strength	35.56739889
wavelet-LLH	ngtdm	Contrast	1.230594259
wavelet-LLH	ngtdm	Busyness	0.054947083
wavelet-LLL	gldm	GrayLevelVariance	341.7588962
wavelet-LLL	gldm	HighGrayLevelEmphasis	2635.104575
wavelet-LLL	gldm	DependenceEntropy	6.128836924
wavelet-LLL	gldm	DependenceNonUniformity	83.5620915
wavelet-LLL	gldm	GrayLevelNonUniformity	3.31372549
wavelet-LLL	gldm	SmallDependenceEmphasis	0.766339869
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1835.939497
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.546157461
wavelet-LLL	gldm	LargeDependenceEmphasis	2.490196078
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.008395533
wavelet-LLL	gldm	DependenceVariance	0.515528216
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	8134.385621
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.007775034
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.00787219

wavelet-LLL	glcm	JointAverage	52.68387732
wavelet-LLL	glcm	SumAverage	105.3677546
wavelet-LLL	glcm	JointEntropy	7.507283572
wavelet-LLL	glcm	ClusterShade	-12490.55407
wavelet-LLL	glcm	MaximumProbability	0.012975578
wavelet-LLL	glcm	Idmn	0.94652629
wavelet-LLL	glcm	JointEnergy	0.005695513
wavelet-LLL	glcm	Contrast	414.082403
wavelet-LLL	glcm	DifferenceEntropy	4.934050613
wavelet-LLL	glcm	InverseVariance	0.069015823
wavelet-LLL	glcm	DifferenceVariance	157.8103767
wavelet-LLL	glcm	Idn	0.850079625
wavelet-LLL	glcm	Idm	0.068595668
wavelet-LLL	glcm	Correlation	0.318973596
wavelet-LLL	glcm	Autocorrelation	2873.132883
wavelet-LLL	glcm	SumEntropy	5.790952836
wavelet-LLL	glcm	SumSquares	304.0528042
wavelet-LLL	glcm	ClusterProminence	1729827.475
wavelet-LLL	glcm	Imc2	0.999692169
wavelet-LLL	glcm	Imc1	-0.660925497
wavelet-LLL	glcm	DifferenceAverage	15.8139399
wavelet-LLL	glcm	Id	0.13716263
wavelet-LLL	glcm	ClusterTendency	802.1288137
wavelet-LLL	firstorder	InterquartileRange	738.4170563
wavelet-LLL	firstorder	Skewness	-0.39618183
wavelet-LLL	firstorder	Uniformity	0.021658337
wavelet-LLL	firstorder	Median	-452.3473616
wavelet-LLL	firstorder	Energy	73241186.4
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	289.423273
wavelet-LLL	firstorder	MeanAbsoluteDeviation	387.0327519
wavelet-LLL	firstorder	TotalEnergy	1977512033
wavelet-LLL	firstorder	Maximum	305.7368042
wavelet-LLL	firstorder	RootMeanSquared	691.8819008
wavelet-LLL	firstorder	90Percentile	31.60303639
wavelet-LLL	firstorder	Minimum	-1685.101577
wavelet-LLL	firstorder	Entropy	5.756981676
wavelet-LLL	firstorder	Range	1990.838382
wavelet-LLL	firstorder	Variance	212886.9151
wavelet-LLL	firstorder	10Percentile	-1154.437827
wavelet-LLL	firstorder	Kurtosis	2.291705003
wavelet-LLL	firstorder	Mean	-515.5711877
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.007987286
wavelet-LLL	glrlm	GrayLevelVariance	342.7310911
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.007991691
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.021453618
wavelet-LLL	glrlm	RunVariance	0.016608344
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.231386965
wavelet-LLL	glrlm	LongRunEmphasis	1.048853581
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2578.184655
wavelet-LLL	glrlm	RunLengthNonUniformity	146.0992242
wavelet-LLL	glrlm	ShortRunEmphasis	0.98836023
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2795.520577
wavelet-LLL	glrlm	RunPercentage	0.984414279
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.008009912
wavelet-LLL	glrlm	RunEntropy	5.801695041

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2619.887828
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.969818518
wavelet-LLL	glszm	GrayLevelVariance	352.239355
wavelet-LLL	glszm	ZoneVariance	0.422335601
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019904258
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.746031746
wavelet-LLL	glszm	SizeZoneNonUniformity	94
wavelet-LLL	glszm	GrayLevelNonUniformity	2.507936508
wavelet-LLL	glszm	LargeAreaEmphasis	1.896825397
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2082.115079
wavelet-LLL	glszm	ZonePercentage	0.823529412
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009791302
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5736.420635
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2452.206349
wavelet-LLL	glszm	SmallAreaEmphasis	0.886298501
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.009474108
wavelet-LLL	glszm	ZoneEntropy	6.043559761
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.009422058
wavelet-LLL	ngtdm	Coarseness	0.031080586
wavelet-LLL	ngtdm	Complexity	19529.0307
wavelet-LLL	ngtdm	Strength	58.04963038
wavelet-LLL	ngtdm	Contrast	1.912267151
wavelet-LLL	ngtdm	Busyness	0.01247469
wavelet-HHL	gldm	GrayLevelVariance	19.12888205
wavelet-HHL	gldm	HighGrayLevelEmphasis	168.0326797
wavelet-HHL	gldm	DependenceEntropy	5.46398219
wavelet-HHL	gldm	DependenceNonUniformity	43.09150327
wavelet-HHL	gldm	GrayLevelNonUniformity	10.96078431
wavelet-HHL	gldm	SmallDependenceEmphasis	0.45008533
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	72.82026144
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.281643812
wavelet-HHL	gldm	LargeDependenceEmphasis	5.888888889
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.063838958
wavelet-HHL	gldm	DependenceVariance	1.264983553
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1040.895425
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.015042052
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.021551447
wavelet-HHL	glcm	JointAverage	12.39702963
wavelet-HHL	glcm	SumAverage	24.79405925
wavelet-HHL	glcm	JointEntropy	6.761737404
wavelet-HHL	glcm	ClusterShade	-1.807782659
wavelet-HHL	glcm	MaximumProbability	0.02754004
wavelet-HHL	glcm	Idmn	0.945761347
wavelet-HHL	glcm	JointEnergy	0.010895703
wavelet-HHL	glcm	Contrast	34.89000654
wavelet-HHL	glcm	DifferenceEntropy	3.494624022
wavelet-HHL	glcm	InverseVariance	0.215934867
wavelet-HHL	glcm	DifferenceVariance	13.82117546
wavelet-HHL	glcm	Idn	0.848946913
wavelet-HHL	glcm	Idm	0.199332493
wavelet-HHL	glcm	Correlation	-0.015872638
wavelet-HHL	glcm	Autocorrelation	153.4953039
wavelet-HHL	glcm	SumEntropy	4.270521754
wavelet-HHL	glcm	SumSquares	17.22219021
wavelet-HHL	glcm	ClusterProminence	4223.888517

wavelet-HHL	glcm	Imc2	0.955780846
wavelet-HHL	glcm	Imc1	-0.307414557
wavelet-HHL	glcm	DifferenceAverage	4.54206748
wavelet-HHL	glcm	Id	0.293024785
wavelet-HHL	glcm	ClusterTendency	33.99875431
wavelet-HHL	firstorder	InterquartileRange	142.1805705
wavelet-HHL	firstorder	Skewness	-0.091358471
wavelet-HHL	firstorder	Uniformity	0.071639113
wavelet-HHL	firstorder	Median	1.047364414
wavelet-HHL	firstorder	Energy	1826120.446
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	57.42060374
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wavelet-HHL	firstorder	TotalEnergy	49305252.05
wavelet-HHL	firstorder	Maximum	257.6379011
wavelet-HHL	firstorder	RootMeanSquared	109.2493833
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wavelet-HHL	firstorder	Minimum	-287.1625344
wavelet-HHL	firstorder	Entropy	4.071221574
wavelet-HHL	firstorder	Range	544.8004355
wavelet-HHL	firstorder	Variance	11882.2088
wavelet-HHL	firstorder	10Percentile	-154.6289521
wavelet-HHL	firstorder	Kurtosis	3.016762615
wavelet-HHL	firstorder	Mean	-7.295132271
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.021760815
wavelet-HHL	glrlm	GrayLevelVariance	19.54555282
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.022097626
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.070336765
wavelet-HHL	glrlm	RunVariance	0.048330762
wavelet-HHL	glrlm	GrayLevelNonUniformity	10.28538126
wavelet-HHL	glrlm	LongRunEmphasis	1.144172727
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	161.7266197
wavelet-HHL	glrlm	RunLengthNonUniformity	133.9562025
wavelet-HHL	glrlm	ShortRunEmphasis	0.966311259
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	193.0888562
wavelet-HHL	glrlm	RunPercentage	0.955756662
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.02349944
wavelet-HHL	glrlm	RunEntropy	4.280948161
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	167.6519275
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.915453591
wavelet-HHL	glszm	GrayLevelVariance	25.92592593
wavelet-HHL	glszm	ZoneVariance	3.185185185
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.057460753
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.442767871
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wavelet-HHL	glszm	GrayLevelNonUniformity	4.654320988
wavelet-HHL	glszm	LargeAreaEmphasis	6.75308642
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	110.0339584
wavelet-HHL	glszm	ZonePercentage	0.529411765
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.077454443
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1209.444444
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	162.037037
wavelet-HHL	glszm	SmallAreaEmphasis	0.690149746
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.031307722
wavelet-HHL	glszm	ZoneEntropy	5.188193058
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.026438147

wavelet-HHL	ngtdm	Coarseness	0.037034711
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wavelet-HLH	gldm	GrayLevelVariance	18.75816993
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wavelet-HLH	gldm	DependenceEntropy	5.531724203
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wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.301208937
wavelet-HLH	gldm	LargeDependenceEmphasis	5.901960784
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.068996593
wavelet-HLH	gldm	DependenceVariance	1.389807339
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wavelet-HLH	glcm	JointAverage	11.69085583
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wavelet-HLH	glcm	JointEnergy	0.01042566
wavelet-HLH	glcm	Contrast	37.65240438
wavelet-HLH	glcm	DifferenceEntropy	3.538445642
wavelet-HLH	glcm	InverseVariance	0.202677956
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wavelet-HLH	glcm	Imc2	0.962997967
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wavelet-HLH	glcm	DifferenceAverage	4.782532803
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wavelet-HLH	firstorder	InterquartileRange	135.1943063
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wavelet-HLH	firstorder	Uniformity	0.07018668
wavelet-HLH	firstorder	Median	1.879609171
wavelet-HLH	firstorder	Energy	1781530.37
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	55.73431331
wavelet-HLH	firstorder	MeanAbsoluteDeviation	83.88865875
wavelet-HLH	firstorder	TotalEnergy	48101319.99
wavelet-HLH	firstorder	Maximum	315.9738011
wavelet-HLH	firstorder	RootMeanSquared	107.9073183
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wavelet-HLH	firstorder	Entropy	4.074738438

wavelet-HLH	firstorder	Range	584.3336309
wavelet-HLH	firstorder	Variance	11623.19148
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wavelet-HLH	firstorder	Kurtosis	3.123775481
wavelet-HLH	firstorder	Mean	4.560467831
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.022325076
wavelet-HLH	glrlm	GrayLevelVariance	19.18680385
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.022634658
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.069231188
wavelet-HLH	glrlm	RunVariance	0.047394423
wavelet-HLH	glrlm	GrayLevelNonUniformity	10.1345268
wavelet-HLH	glrlm	LongRunEmphasis	1.140968449
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	150.8495182
wavelet-HLH	glrlm	RunLengthNonUniformity	134.3853284
wavelet-HLH	glrlm	ShortRunEmphasis	0.967144685
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	175.0954447
wavelet-HLH	glrlm	RunPercentage	0.956762192
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.024025682
wavelet-HLH	glrlm	RunEntropy	4.268422224
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	155.529602
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.917443854
wavelet-HLH	glszm	GrayLevelVariance	25.19430272
wavelet-HLH	glszm	ZoneVariance	3.099064626
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060657596
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wavelet-HLH	glszm	GrayLevelNonUniformity	5.095238095
wavelet-HLH	glszm	LargeAreaEmphasis	6.416666667
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	112.0435572
wavelet-HLH	glszm	ZonePercentage	0.549019608
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.081946637
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	909.1309524
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	161.5833333
wavelet-HLH	glszm	SmallAreaEmphasis	0.695806593
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.032194849
wavelet-HLH	glszm	ZoneEntropy	5.207519286
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.02918051
wavelet-HLH	ngtdm	Coarseness	0.038854242
wavelet-HLH	ngtdm	Complexity	673.2029031
wavelet-HLH	ngtdm	Strength	5.484103872
wavelet-HLH	ngtdm	Contrast	0.259728586
wavelet-HLH	ngtdm	Busyness	0.105957217

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
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original	gldm	GrayLevelVariance	116.7784352
original	gldm	HighGrayLevelEmphasis	289.1282051
original	gldm	DependenceEntropy	5.832565944
original	gldm	DependenceNonUniformity	48.87179487
original	gldm	GrayLevelNonUniformity	7.564102564
original	gldm	SmallDependenceEmphasis	0.52235933
original	gldm	SmallDependenceHighGrayLevelEmphasis	161.8851514
original	gldm	DependenceNonUniformityNormalized	0.313280736
original	gldm	LargeDependenceEmphasis	5.371794872
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.437821688
original	gldm	DependenceVariance	1.371794872
original	gldm	LargeDependenceHighGrayLevelEmphasis	1692.294872
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.027599137
original	gldm	LowGrayLevelEmphasis	0.055355362
original	glcm	JointAverage	14.19241079
original	glcm	SumAverage	28.38482158
original	glcm	JointEntropy	7.277178387
original	glcm	ClusterShade	4313.534445
original	glcm	MaximumProbability	0.020002799
original	glcm	Idmn	0.934421015



original	glcm	JointEnergy	0.007144131
original	glcm	Contrast	130.573287
original	glcm	DifferenceEntropy	4.316994138
original	glcm	InverseVariance	0.131985857
original	glcm	DifferenceVariance	53.81798455
original	glcm	Idn	0.838804644
original	glcm	Idm	0.14124751
original	glcm	Correlation	0.428878172
original	glcm	Autocorrelation	250.5663895
original	glcm	SumEntropy	5.375689789
original	glcm	SumSquares	114.318565
original	glcm	ClusterProminence	267607.6424
original	glcm	Imc2	0.995391192
original	glcm	Imc1	-0.489122427
original	glcm	DifferenceAverage	8.68699394
original	glcm	Id	0.221416302
original	glcm	ClusterTendency	326.700973
original	firstorder	InterquartileRange	377.75
original	firstorder	Skewness	0.922607069
original	firstorder	Uniformity	0.048487837
original	firstorder	Median	-671.5
original	firstorder	Energy	60201378
original	firstorder	RobustMeanAbsoluteDeviation	167.6251301
original	firstorder	MeanAbsoluteDeviation	226.4138725
original	firstorder	TotalEnergy	1625437206
original	firstorder	Maximum	113
original	firstorder	RootMeanSquared	621.2135456
original	firstorder	90Percentile	-72.5
original	firstorder	Minimum	-861
original	firstorder	Entropy	4.744059659
original	firstorder	Range	974
original	firstorder	Variance	72937.74589
original	firstorder	10Percentile	-819
original	firstorder	Kurtosis	2.584877185
original	firstorder	Mean	-559.4358974
original	glrlm	ShortRunLowGrayLevelEmphasis	0.05236619
original	glrlm	GrayLevelVariance	115.3319703
original	glrlm	LowGrayLevelRunEmphasis	0.054543597
original	glrlm	GrayLevelNonUniformityNormalized	0.047457595
original	glrlm	RunVariance	0.042526692
original	glrlm	GrayLevelNonUniformity	7.119640641
original	glrlm	LongRunEmphasis	1.1247694
original	glrlm	ShortRunHighGrayLevelEmphasis	280.4404155
original	glrlm	RunLengthNonUniformity	139.0754604
original	glrlm	ShortRunEmphasis	0.971113934
original	glrlm	LongRunHighGrayLevelEmphasis	324.1609424
original	glrlm	RunPercentage	0.961538462
original	glrlm	LongRunLowGrayLevelEmphasis	0.063985089
original	glrlm	RunEntropy	4.906405181
original	glrlm	HighGrayLevelRunEmphasis	289.120691
original	glrlm	RunLengthNonUniformityNormalized	0.926831512
original	glszm	GrayLevelVariance	106.1180556
original	glszm	ZoneVariance	1.630208333
original	glszm	GrayLevelNonUniformityNormalized	0.038628472
original	glszm	SizeZoneNonUniformityNormalized	0.500434028
original	glszm	SizeZoneNonUniformity	48.04166667

original	glszm	GrayLevelNonUniformity	3.708333333
original	glszm	LargeAreaEmphasis	4.270833333
original	glszm	SmallAreaHighGrayLevelEmphasis	234.3848129
original	glszm	ZonePercentage	0.615384615
original	glszm	LargeAreaLowGrayLevelEmphasis	0.298680974
original	glszm	LargeAreaHighGrayLevelEmphasis	1239.1875
original	glszm	HighGrayLevelZoneEmphasis	304.4583333
original	glszm	SmallAreaEmphasis	0.734601241
original	glszm	LowGrayLevelZoneEmphasis	0.051929116
original	glszm	ZoneEntropy	5.587581189
original	glszm	SmallAreaLowGrayLevelEmphasis	0.039917398
original	ngtdm	Coarseness	0.024001213
original	ngtdm	Complexity	3918.530735
original	ngtdm	Strength	22.85607191
original	ngtdm	Contrast	1.014562325
original	ngtdm	Busyness	0.138538484
wavelet-HHH	gldm	GrayLevelVariance	11.60092045
wavelet-HHH	gldm	HighGrayLevelEmphasis	145.9230769
wavelet-HHH	gldm	DependenceEntropy	5.499667486
wavelet-HHH	gldm	DependenceNonUniformity	34.23076923
wavelet-HHH	gldm	GrayLevelNonUniformity	15.26923077
wavelet-HHH	gldm	SmallDependenceEmphasis	0.403108766
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	66.47283461
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.219428008
wavelet-HHH	gldm	LargeDependenceEmphasis	12
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.100900175
wavelet-HHH	gldm	DependenceVariance	4.331360947
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	1685.307692
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01060535
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.01621423
wavelet-HHH	glcm	JointAverage	11.57275095
wavelet-HHH	glcm	SumAverage	23.1455019
wavelet-HHH	glcm	JointEntropy	6.328545448
wavelet-HHH	glcm	ClusterShade	20.53587109
wavelet-HHH	glcm	MaximumProbability	0.05174374
wavelet-HHH	glcm	ldmn	0.957591486
wavelet-HHH	glcm	JointEnergy	0.016201396
wavelet-HHH	glcm	Contrast	24.4543602
wavelet-HHH	glcm	DifferenceEntropy	3.257591429
wavelet-HHH	glcm	InverseVariance	0.26622001
wavelet-HHH	glcm	DifferenceVariance	10.57725429
wavelet-HHH	glcm	ldn	0.869564102
wavelet-HHH	glcm	ldm	0.262464916
wavelet-HHH	glcm	Correlation	-0.037171034
wavelet-HHH	glcm	Autocorrelation	133.5037588
wavelet-HHH	glcm	SumEntropy	3.954779458
wavelet-HHH	glcm	SumSquares	11.79886806
wavelet-HHH	glcm	ClusterProminence	2253.322676
wavelet-HHH	glcm	lmc2	0.925405122
wavelet-HHH	glcm	lmc1	-0.267488525
wavelet-HHH	glcm	DifferenceAverage	3.668499474
wavelet-HHH	glcm	ld	0.348862176
wavelet-HHH	glcm	ClusterTendency	22.74111202
wavelet-HHH	firstorder	InterquartileRange	93.72440404
wavelet-HHH	firstorder	Skewness	0.349278826
wavelet-HHH	firstorder	Uniformity	0.097879684

wavelet-HHH	firstorder	Median	2.274604167
wavelet-HHH	firstorder	Energy	1129547.862
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	38.84365195
wavelet-HHH	firstorder	MeanAbsoluteDeviation	62.81273496
wavelet-HHH	firstorder	TotalEnergy	30497792.26
wavelet-HHH	firstorder	Maximum	270.9615794
wavelet-HHH	firstorder	RootMeanSquared	85.09225241
wavelet-HHH	firstorder	90Percentile	101.0077717
wavelet-HHH	firstorder	Minimum	-258.9635669
wavelet-HHH	firstorder	Entropy	3.673836846
wavelet-HHH	firstorder	Range	529.9251463
wavelet-HHH	firstorder	Variance	7239.050268
wavelet-HHH	firstorder	10Percentile	-96.97503333
wavelet-HHH	firstorder	Kurtosis	4.009895433
wavelet-HHH	firstorder	Mean	1.28107476
wavelet-HHH	grlm	ShortRunLowGrayLevelEmphasis	0.016369323
wavelet-HHH	grlm	GrayLevelVariance	12.24698756
wavelet-HHH	grlm	LowGrayLevelRunEmphasis	0.016798238
wavelet-HHH	grlm	GrayLevelNonUniformityNormalized	0.09356579
wavelet-HHH	grlm	RunVariance	0.082622412
wavelet-HHH	grlm	GrayLevelNonUniformity	13.60791638
wavelet-HHH	grlm	LongRunEmphasis	1.235548466
wavelet-HHH	grlm	ShortRunHighGrayLevelEmphasis	139.6113107
wavelet-HHH	grlm	RunLengthNonUniformity	127.304914
wavelet-HHH	grlm	ShortRunEmphasis	0.948907384
wavelet-HHH	grlm	LongRunHighGrayLevelEmphasis	179.1018252
wavelet-HHH	grlm	RunPercentage	0.931952663
wavelet-HHH	grlm	LongRunLowGrayLevelEmphasis	0.018722413
wavelet-HHH	grlm	RunEntropy	3.996265827
wavelet-HHH	grlm	HighGrayLevelRunEmphasis	146.5614779
wavelet-HHH	grlm	RunLengthNonUniformityNormalized	0.874946591
wavelet-HHH	glszm	GrayLevelVariance	19.98686433
wavelet-HHH	glszm	ZoneVariance	7.022330644
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.07299681
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.452054795
wavelet-HHH	glszm	SizeZoneNonUniformity	33
wavelet-HHH	glszm	GrayLevelNonUniformity	5.328767123
wavelet-HHH	glszm	LargeAreaEmphasis	11.5890411
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	120.3782651
wavelet-HHH	glszm	ZonePercentage	0.467948718
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.107584826
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	1637.205479
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	158.4520548
wavelet-HHH	glszm	SmallAreaEmphasis	0.698198708
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.024464357
wavelet-HHH	glszm	ZoneEntropy	5.035294765
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.02103388
wavelet-HHH	ngtdm	Coarseness	0.040408532
wavelet-HHH	ngtdm	Complexity	403.7752474
wavelet-HHH	ngtdm	Strength	4.55873453
wavelet-HHH	ngtdm	Contrast	0.163460753
wavelet-HHH	ngtdm	Busyness	0.102218037
wavelet-HLL	gldm	GrayLevelVariance	116.3203485
wavelet-HLL	gldm	HighGrayLevelEmphasis	3139.910256
wavelet-HLL	gldm	DependenceEntropy	5.937466764
wavelet-HLL	gldm	DependenceNonUniformity	59.43589744

wavelet-HLL	gldm	GrayLevelNonUniformity	5.666666667
wavelet-HLL	gldm	SmallDependenceEmphasis	0.622574786
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	1862.002715
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.380999343
wavelet-HLL	gldm	LargeDependenceEmphasis	3.884615385
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.007730873
wavelet-HLL	gldm	DependenceVariance	0.889053254
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	12601.19231
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.006668566
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006789607
wavelet-HLL	glcm	JointAverage	55.9843191
wavelet-HLL	glcm	SumAverage	111.9686382
wavelet-HLL	glcm	JointEntropy	7.373260178
wavelet-HLL	glcm	ClusterShade	-1517.212056
wavelet-HLL	glcm	MaximumProbability	0.015044559
wavelet-HLL	glcm	Idmn	0.973404071
wavelet-HLL	glcm	JointEnergy	0.006444855
wavelet-HLL	glcm	Contrast	180.3000748
wavelet-HLL	glcm	DifferenceEntropy	4.408054141
wavelet-HLL	glcm	InverseVariance	0.102133327
wavelet-HLL	glcm	DifferenceVariance	77.02686382
wavelet-HLL	glcm	Idn	0.894483173
wavelet-HLL	glcm	Idm	0.108443065
wavelet-HLL	glcm	Correlation	0.193179003
wavelet-HLL	glcm	Autocorrelation	3155.213816
wavelet-HLL	glcm	SumEntropy	5.374998843
wavelet-HLL	glcm	SumSquares	110.9843306
wavelet-HLL	glcm	ClusterProminence	338499.2579
wavelet-HLL	glcm	Imc2	0.997450747
wavelet-HLL	glcm	Imc1	-0.529444995
wavelet-HLL	glcm	DifferenceAverage	9.890830253
wavelet-HLL	glcm	Id	0.191054657
wavelet-HLL	glcm	ClusterTendency	263.6372476
wavelet-HLL	firstorder	InterquartileRange	289.1534138
wavelet-HLL	firstorder	Skewness	-1.041158437
wavelet-HLL	firstorder	Uniformity	0.036324786
wavelet-HLL	firstorder	Median	-25.09445366
wavelet-HLL	firstorder	Energy	11576204.1
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	121.3548355
wavelet-HLL	firstorder	MeanAbsoluteDeviation	194.6600609
wavelet-HLL	firstorder	TotalEnergy	312557510.6
wavelet-HLL	firstorder	Maximum	516.2124566
wavelet-HLL	firstorder	RootMeanSquared	272.4085838
wavelet-HLL	firstorder	90Percentile	291.0710751
wavelet-HLL	firstorder	Minimum	-1385.931534
wavelet-HLL	firstorder	Entropy	5.042520866
wavelet-HLL	firstorder	Range	1902.14399
wavelet-HLL	firstorder	Variance	72777.80865
wavelet-HLL	firstorder	10Percentile	-334.7428389
wavelet-HLL	firstorder	Kurtosis	6.991460056
wavelet-HLL	firstorder	Mean	-37.7971939
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006972063
wavelet-HLL	glrlm	GrayLevelVariance	117.72234
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.006978963
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.036015263
wavelet-HLL	glrlm	RunVariance	0.030124582

wavelet-HLL	glrlm	GrayLevelNonUniformity	5.460128818
wavelet-HLL	glrlm	LongRunEmphasis	1.089921624
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	3063.319066
wavelet-HLL	glrlm	RunLengthNonUniformity	143.4761028
wavelet-HLL	glrlm	ShortRunEmphasis	0.97867507
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	3435.311535
wavelet-HLL	glrlm	RunPercentage	0.971893491
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.00700792
wavelet-HLL	glrlm	RunEntropy	5.148306968
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	3134.140944
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.945689919
wavelet-HLL	glszm	GrayLevelVariance	133.1421151
wavelet-HLL	glszm	ZoneVariance	0.745556367
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.032708384
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.597759922
wavelet-HLL	glszm	SizeZoneNonUniformity	66.35135135
wavelet-HLL	glszm	GrayLevelNonUniformity	3.630630631
wavelet-HLL	glszm	LargeAreaEmphasis	2.720720721
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	2361.723926
wavelet-HLL	glszm	ZonePercentage	0.711538462
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.009971721
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	8720.036036
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	3044.279279
wavelet-HLL	glszm	SmallAreaEmphasis	0.800723223
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.009412239
wavelet-HLL	glszm	ZoneEntropy	5.708798808
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00934848
wavelet-HLL	ngtdm	Coarseness	0.036118434
wavelet-HLL	ngtdm	Complexity	5434.45843
wavelet-HLL	ngtdm	Strength	29.15279621
wavelet-HLL	ngtdm	Contrast	0.929706382
wavelet-HLL	ngtdm	Busyness	0.014355545
wavelet-LHL	gldm	GrayLevelVariance	44.92882972
wavelet-LHL	gldm	HighGrayLevelEmphasis	439.3076923
wavelet-LHL	gldm	DependenceEntropy	5.871027482
wavelet-LHL	gldm	DependenceNonUniformity	48.83333333
wavelet-LHL	gldm	GrayLevelNonUniformity	7.807692308
wavelet-LHL	gldm	SmallDependenceEmphasis	0.49357906
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	230.4006125
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.313034188
wavelet-LHL	gldm	LargeDependenceEmphasis	4.730769231
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.025178934
wavelet-LHL	gldm	DependenceVariance	0.883136095
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	1931.602564
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008883838
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.010790096
wavelet-LHL	glcm	JointAverage	19.47082358
wavelet-LHL	glcm	SumAverage	38.94164716
wavelet-LHL	glcm	JointEntropy	7.177120121
wavelet-LHL	glcm	ClusterShade	375.6363185
wavelet-LHL	glcm	MaximumProbability	0.018851335
wavelet-LHL	glcm	ldmn	0.967504501
wavelet-LHL	glcm	JointEnergy	0.007678944
wavelet-LHL	glcm	Contrast	67.64487769
wavelet-LHL	glcm	DifferenceEntropy	3.849902146
wavelet-LHL	glcm	InverseVariance	0.157722419

wavelet-LHL	glcm	DifferenceVariance	25.86667491
wavelet-LHL	glcm	Idn	0.881433005
wavelet-LHL	glcm	Idm	0.155413572
wavelet-LHL	glcm	Correlation	0.278464264
wavelet-LHL	glcm	Autocorrelation	392.3939803
wavelet-LHL	glcm	SumEntropy	5.012424391
wavelet-LHL	glcm	SumSquares	47.06840662
wavelet-LHL	glcm	ClusterProminence	53111.16943
wavelet-LHL	glcm	Imc2	0.98986253
wavelet-LHL	glcm	Imc1	-0.430172776
wavelet-LHL	glcm	DifferenceAverage	6.291631555
wavelet-LHL	glcm	Id	0.246765412
wavelet-LHL	glcm	ClusterTendency	120.6287488
wavelet-LHL	firstorder	InterquartileRange	188.280108
wavelet-LHL	firstorder	Skewness	0.243210869
wavelet-LHL	firstorder	Uniformity	0.05004931
wavelet-LHL	firstorder	Median	17.39307336
wavelet-LHL	firstorder	Energy	4359810.612
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	80.97714623
wavelet-LHL	firstorder	MeanAbsoluteDeviation	125.3517199
wavelet-LHL	firstorder	TotalEnergy	117714886.5
wavelet-LHL	firstorder	Maximum	575.5119258
wavelet-LHL	firstorder	RootMeanSquared	167.1750697
wavelet-LHL	firstorder	90Percentile	187.8727354
wavelet-LHL	firstorder	Minimum	-456.759671
wavelet-LHL	firstorder	Entropy	4.564534737
wavelet-LHL	firstorder	Range	1032.271597
wavelet-LHL	firstorder	Variance	27862.69805
wavelet-LHL	firstorder	10Percentile	-213.1671335
wavelet-LHL	firstorder	Kurtosis	4.123480394
wavelet-LHL	firstorder	Mean	9.209010402
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010951987
wavelet-LHL	glrlm	GrayLevelVariance	45.5634105
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.01105914
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.04985206
wavelet-LHL	glrlm	RunVariance	0.041045716
wavelet-LHL	glrlm	GrayLevelNonUniformity	7.48917373
wavelet-LHL	glrlm	LongRunEmphasis	1.120441795
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	429.3539703
wavelet-LHL	glrlm	RunLengthNonUniformity	139.7700585
wavelet-LHL	glrlm	ShortRunEmphasis	0.972204795
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	489.4509978
wavelet-LHL	glrlm	RunPercentage	0.963017751
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.011522057
wavelet-LHL	glrlm	RunEntropy	4.713049456
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	440.6217397
wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.929782362
wavelet-LHL	glszm	GrayLevelVariance	56.48806711
wavelet-LHL	glszm	ZoneVariance	1.342155009
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.0463138
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.460775047
wavelet-LHL	glszm	SizeZoneNonUniformity	42.39130435
wavelet-LHL	glszm	GrayLevelNonUniformity	4.260869565
wavelet-LHL	glszm	LargeAreaEmphasis	4.217391304
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	333.5985145
wavelet-LHL	glszm	ZonePercentage	0.58974359

wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.0272253
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	1788.913043
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	457.7934783
wavelet-LHL	glszm	SmallAreaEmphasis	0.701126208
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.015716068
wavelet-LHL	glszm	ZoneEntropy	5.553362163
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.014581267
wavelet-LHL	ngtdm	Coarseness	0.040266041
wavelet-LHL	ngtdm	Complexity	1768.317939
wavelet-LHL	ngtdm	Strength	15.93718879
wavelet-LHL	ngtdm	Contrast	0.377172468
wavelet-LHL	ngtdm	Busyness	0.042675277
wavelet-LHH	gldm	GrayLevelVariance	10.46100427
wavelet-LHH	gldm	HighGrayLevelEmphasis	140.8012821
wavelet-LHH	gldm	DependenceEntropy	5.4647017
wavelet-LHH	gldm	DependenceNonUniformity	32.53846154
wavelet-LHH	gldm	GrayLevelNonUniformity	16.29487179
wavelet-LHH	gldm	SmallDependenceEmphasis	0.388626919
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	58.00515168
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.208579882
wavelet-LHH	gldm	LargeDependenceEmphasis	9.653846154
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.088582069
wavelet-LHH	gldm	DependenceVariance	2.405325444
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	1277.737179
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.011215845
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.016555816
wavelet-LHH	glcm	JointAverage	11.43769048
wavelet-LHH	glcm	SumAverage	22.87538095
wavelet-LHH	glcm	JointEntropy	6.31086295
wavelet-LHH	glcm	ClusterShade	7.544795772
wavelet-LHH	glcm	MaximumProbability	0.046829567
wavelet-LHH	glcm	ldmn	0.962702593
wavelet-LHH	glcm	JointEnergy	0.016493799
wavelet-LHH	glcm	Contrast	20.71151021
wavelet-LHH	glcm	DifferenceEntropy	3.158386444
wavelet-LHH	glcm	InverseVariance	0.269631723
wavelet-LHH	glcm	DifferenceVariance	8.209051713
wavelet-LHH	glcm	ldn	0.875022449
wavelet-LHH	glcm	ldm	0.264208175
wavelet-LHH	glcm	Correlation	0.009593358
wavelet-LHH	glcm	Autocorrelation	130.863984
wavelet-LHH	glcm	SumEntropy	3.955970293
wavelet-LHH	glcm	SumSquares	10.39018303
wavelet-LHH	glcm	ClusterProminence	1682.997447
wavelet-LHH	glcm	lmc2	0.907689701
wavelet-LHH	glcm	lmc1	-0.244279326
wavelet-LHH	glcm	DifferenceAverage	3.449103521
wavelet-LHH	glcm	ld	0.352496596
wavelet-LHH	glcm	ClusterTendency	20.84922192
wavelet-LHH	firstorder	InterquartileRange	92.47727588
wavelet-LHH	firstorder	Skewness	0.01821796
wavelet-LHH	firstorder	Uniformity	0.104454306
wavelet-LHH	firstorder	Median	-2.774900692
wavelet-LHH	firstorder	Energy	1026275.692
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	37.2392474
wavelet-LHH	firstorder	MeanAbsoluteDeviation	59.65163501

wavelet-LHH	firstorder	TotalEnergy	27709443.67
wavelet-LHH	firstorder	Maximum	255.7868906
wavelet-LHH	firstorder	RootMeanSquared	81.10912606
wavelet-LHH	firstorder	90Percentile	105.6601406
wavelet-LHH	firstorder	Minimum	-273.6284409
wavelet-LHH	firstorder	Entropy	3.597271668
wavelet-LHH	firstorder	Range	529.4153314
wavelet-LHH	firstorder	Variance	6575.203061
wavelet-LHH	firstorder	10Percentile	-97.89101694
wavelet-LHH	firstorder	Kurtosis	3.901228515
wavelet-LHH	firstorder	Mean	-1.867423243
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.01671921
wavelet-LHH	grlm	GrayLevelVariance	10.96477239
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.017134801
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.100251816
wavelet-LHH	grlm	RunVariance	0.078766961
wavelet-LHH	grlm	GrayLevelNonUniformity	14.63141741
wavelet-LHH	grlm	LongRunEmphasis	1.227827812
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	134.5954705
wavelet-LHH	grlm	RunLengthNonUniformity	128.5766196
wavelet-LHH	grlm	ShortRunEmphasis	0.950080606
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	171.2572055
wavelet-LHH	grlm	RunPercentage	0.934911243
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.019080458
wavelet-LHH	grlm	RunEntropy	3.919492328
wavelet-LHH	grlm	HighGrayLevelRunEmphasis	141.336304
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.879216377
wavelet-LHH	glszm	GrayLevelVariance	19.68615385
wavelet-LHH	glszm	ZoneVariance	18.82461538
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.070295858
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.545088757
wavelet-LHH	glszm	SizeZoneNonUniformity	35.43076923
wavelet-LHH	glszm	GrayLevelNonUniformity	4.569230769
wavelet-LHH	glszm	LargeAreaEmphasis	24.58461538
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	116.2035803
wavelet-LHH	glszm	ZonePercentage	0.416666667
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.219091541
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	3188.938462
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	149.6461538
wavelet-LHH	glszm	SmallAreaEmphasis	0.762444129
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.027803302
wavelet-LHH	glszm	ZoneEntropy	4.879834544
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.025359944
wavelet-LHH	ngtdm	Coarseness	0.039999794
wavelet-LHH	ngtdm	Complexity	352.0592997
wavelet-LHH	ngtdm	Strength	4.236822206
wavelet-LHH	ngtdm	Contrast	0.154211764
wavelet-LHH	ngtdm	Busyness	0.108987819
wavelet-LLH	gldm	GrayLevelVariance	78.98861769
wavelet-LLH	gldm	HighGrayLevelEmphasis	573.4807692
wavelet-LLH	gldm	DependenceEntropy	5.718775239
wavelet-LLH	gldm	DependenceNonUniformity	54.43589744
wavelet-LLH	gldm	GrayLevelNonUniformity	7.692307692
wavelet-LLH	gldm	SmallDependenceEmphasis	0.560632123
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	318.4125516
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.34894806



wavelet-LLH	gldm	LargeDependenceEmphasis	4.320512821
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.019474817
wavelet-LLH	gldm	DependenceVariance	0.959401709
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	2266.583333
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010491815
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.011524341
wavelet-LLH	glcm	JointAverage	21.30729117
wavelet-LLH	glcm	SumAverage	42.61458235
wavelet-LLH	glcm	JointEntropy	7.198572281
wavelet-LLH	glcm	ClusterShade	1329.764259
wavelet-LLH	glcm	MaximumProbability	0.022816044
wavelet-LLH	glcm	ldmn	0.969908088
wavelet-LLH	glcm	JointEnergy	0.007680093
wavelet-LLH	glcm	Contrast	97.57204019
wavelet-LLH	glcm	DifferenceEntropy	4.04187353
wavelet-LLH	glcm	InverseVariance	0.147330268
wavelet-LLH	glcm	DifferenceVariance	41.60652401
wavelet-LLH	glcm	ldn	0.888723271
wavelet-LLH	glcm	ldm	0.141645655
wavelet-LLH	glcm	Correlation	0.280318006
wavelet-LLH	glcm	Autocorrelation	473.2041427
wavelet-LLH	glcm	SumEntropy	5.127823085
wavelet-LLH	glcm	SumSquares	67.93864136
wavelet-LLH	glcm	ClusterProminence	166353.4116
wavelet-LLH	glcm	lmc2	0.99425322
wavelet-LLH	glcm	lmc1	-0.475271461
wavelet-LLH	glcm	DifferenceAverage	7.268304536
wavelet-LLH	glcm	ld	0.23056541
wavelet-LLH	glcm	ClusterTendency	174.1825252
wavelet-LLH	firstorder	InterquartileRange	204.1043308
wavelet-LLH	firstorder	Skewness	1.066253195
wavelet-LLH	firstorder	Uniformity	0.049309665
wavelet-LLH	firstorder	Median	38.44152007
wavelet-LLH	firstorder	Energy	8495243.129
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	88.52188198
wavelet-LLH	firstorder	MeanAbsoluteDeviation	155.538574
wavelet-LLH	firstorder	TotalEnergy	229371564.5
wavelet-LLH	firstorder	Maximum	840.9438088
wavelet-LLH	firstorder	RootMeanSquared	233.3595653
wavelet-LLH	firstorder	90Percentile	304.1512709
wavelet-LLH	firstorder	Minimum	-450.3447469
wavelet-LLH	firstorder	Entropy	4.736608209
wavelet-LLH	firstorder	Range	1291.288556
wavelet-LLH	firstorder	Variance	49726.07664
wavelet-LLH	firstorder	10Percentile	-159.5848245
wavelet-LLH	firstorder	Kurtosis	5.702188973
wavelet-LLH	firstorder	Mean	68.77943065
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.01177218
wavelet-LLH	glrlm	GrayLevelVariance	80.14144106
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.011830545
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.048336889
wavelet-LLH	glrlm	RunVariance	0.034034195
wavelet-LLH	glrlm	GrayLevelNonUniformity	7.30006052
wavelet-LLH	glrlm	LongRunEmphasis	1.102397473
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	561.5864544
wavelet-LLH	glrlm	RunLengthNonUniformity	141.7120963

wavelet-LLH	glrlm	ShortRunEmphasis	0.975541044
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	629.8490941
wavelet-LLH	glrlm	RunPercentage	0.967948718
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.012071888
wavelet-LLH	glrlm	RunEntropy	4.880028082
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	574.6886347
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.937875504
wavelet-LLH	glszm	GrayLevelVariance	94.23723164
wavelet-LLH	glszm	ZoneVariance	1.416331732
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.037937457
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.542985982
wavelet-LLH	glszm	SizeZoneNonUniformity	54.84158416
wavelet-LLH	glszm	GrayLevelNonUniformity	3.831683168
wavelet-LLH	glszm	LargeAreaEmphasis	3.801980198
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	429.1281148
wavelet-LLH	glszm	ZonePercentage	0.647435897
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.022929478
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2053.49505
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	579.1089109
wavelet-LLH	glszm	SmallAreaEmphasis	0.761234705
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.016532547
wavelet-LLH	glszm	ZoneEntropy	5.622278904
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015962513
wavelet-LLH	ngtdm	Coarseness	0.041395502
wavelet-LLH	ngtdm	Complexity	3278.502847
wavelet-LLH	ngtdm	Strength	27.38215051
wavelet-LLH	ngtdm	Contrast	0.523540579
wavelet-LLH	ngtdm	Busyness	0.028408254
wavelet-LLL	gldm	GrayLevelVariance	729.6868425
wavelet-LLL	gldm	HighGrayLevelEmphasis	2181.980769
wavelet-LLL	gldm	DependenceEntropy	6.254031366
wavelet-LLL	gldm	DependenceNonUniformity	90
wavelet-LLL	gldm	GrayLevelNonUniformity	3.166666667
wavelet-LLL	gldm	SmallDependenceEmphasis	0.777065527
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1782.201567
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.576923077
wavelet-LLL	gldm	LargeDependenceEmphasis	1.948717949
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.014889747
wavelet-LLL	gldm	DependenceVariance	0.238658777
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	3797.108974
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.009183948
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.010265096
wavelet-LLL	glcm	JointAverage	40.62015315
wavelet-LLL	glcm	SumAverage	81.24030631
wavelet-LLL	glcm	JointEntropy	7.551583813
wavelet-LLL	glcm	ClusterShade	63422.37521
wavelet-LLL	glcm	MaximumProbability	0.010531307
wavelet-LLL	glcm	ldmn	0.957529898
wavelet-LLL	glcm	JointEnergy	0.005466629
wavelet-LLL	glcm	Contrast	573.5775043
wavelet-LLL	glcm	DifferenceEntropy	5.095727344
wavelet-LLL	glcm	InverseVariance	0.051540187
wavelet-LLL	glcm	DifferenceVariance	205.703836
wavelet-LLL	glcm	ldn	0.863106758
wavelet-LLL	glcm	ldm	0.052055292
wavelet-LLL	glcm	Correlation	0.581288997

wavelet-LLL	glcm	Autocorrelation	2050.381468
wavelet-LLL	glcm	SumEntropy	6.084370221
wavelet-LLL	glcm	SumSquares	686.1905643
wavelet-LLL	glcm	ClusterProminence	11154429.21
wavelet-LLL	glcm	Imc2	0.999882681
wavelet-LLL	glcm	Imc1	-0.714253814
wavelet-LLL	glcm	DifferenceAverage	18.84841318
wavelet-LLL	glcm	Id	0.115428863
wavelet-LLL	glcm	ClusterTendency	2171.184753
wavelet-LLL	firstorder	InterquartileRange	966.2657178
wavelet-LLL	firstorder	Skewness	0.832114338
wavelet-LLL	firstorder	Uniformity	0.020299145
wavelet-LLL	firstorder	Median	-1811.5109
wavelet-LLL	firstorder	Energy	462430685.3
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	418.2399996
wavelet-LLL	firstorder	MeanAbsoluteDeviation	564.9723081
wavelet-LLL	firstorder	TotalEnergy	12485628503
wavelet-LLL	firstorder	Maximum	176.948859
wavelet-LLL	firstorder	RootMeanSquared	1721.714048
wavelet-LLL	firstorder	90Percentile	-452.1595014
wavelet-LLL	firstorder	Minimum	-2504.82998
wavelet-LLL	firstorder	Entropy	5.900330906
wavelet-LLL	firstorder	Range	2681.778839
wavelet-LLL	firstorder	Variance	455671.8848
wavelet-LLL	firstorder	10Percentile	-2285.617699
wavelet-LLL	firstorder	Kurtosis	2.571678163
wavelet-LLL	firstorder	Mean	-1583.864697
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.01028605
wavelet-LLL	glrlm	GrayLevelVariance	730.3363024
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.010330126
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.020248778
wavelet-LLL	glrlm	RunVariance	0.011829757
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.121461767
wavelet-LLL	glrlm	LongRunEmphasis	1.036180149
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	2171.516805
wavelet-LLL	glrlm	RunLengthNonUniformity	150.5319662
wavelet-LLL	glrlm	ShortRunEmphasis	0.990954963
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	2250.328434
wavelet-LLL	glrlm	RunPercentage	0.98816568
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.010506429
wavelet-LLL	glrlm	RunEntropy	5.929629881
wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	2187.279131
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.976340487
wavelet-LLL	glszm	GrayLevelVariance	739.2191804
wavelet-LLL	glszm	ZoneVariance	0.179063361
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.019398531
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.717630854
wavelet-LLL	glszm	SizeZoneNonUniformity	94.72727273
wavelet-LLL	glszm	GrayLevelNonUniformity	2.560606061
wavelet-LLL	glszm	LargeAreaEmphasis	1.575757576
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2027.060185
wavelet-LLL	glszm	ZonePercentage	0.846153846
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.014059694
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	3220.643939
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2261.992424
wavelet-LLL	glszm	SmallAreaEmphasis	0.872895623

wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.011247157
wavelet-LLL	glszm	ZoneEntropy	6.204289172
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.010632676
wavelet-LLL	ngtdm	Coarseness	0.030844089
wavelet-LLL	ngtdm	Complexity	31849.54556
wavelet-LLL	ngtdm	Strength	147.399202
wavelet-LLL	ngtdm	Contrast	2.985590387
wavelet-LLL	ngtdm	Busyness	0.017633199
wavelet-HHL	gldm	GrayLevelVariance	11.48553583
wavelet-HHL	gldm	HighGrayLevelEmphasis	97.16666667
wavelet-HHL	gldm	DependenceEntropy	5.435730509
wavelet-HHL	gldm	DependenceNonUniformity	34.74358974
wavelet-HHL	gldm	GrayLevelNonUniformity	14.58974359
wavelet-HHL	gldm	SmallDependenceEmphasis	0.426334416
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	45.3675886
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.222715319
wavelet-HHL	gldm	LargeDependenceEmphasis	9.243589744
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.133162269
wavelet-HHL	gldm	DependenceVariance	2.603057199
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	883.0769231
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.016759878
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.026416276
wavelet-HHL	glcm	JointAverage	9.230158824
wavelet-HHL	glcm	SumAverage	18.46031765
wavelet-HHL	glcm	JointEntropy	6.472909401
wavelet-HHL	glcm	ClusterShade	12.58096032
wavelet-HHL	glcm	MaximumProbability	0.037035367
wavelet-HHL	glcm	Idmn	0.959412739
wavelet-HHL	glcm	JointEnergy	0.013952174
wavelet-HHL	glcm	Contrast	20.71566481
wavelet-HHL	glcm	DifferenceEntropy	3.166846116
wavelet-HHL	glcm	InverseVariance	0.269225952
wavelet-HHL	glcm	DifferenceVariance	8.224741377
wavelet-HHL	glcm	Idn	0.868123548
wavelet-HHL	glcm	Idm	0.254624862
wavelet-HHL	glcm	Correlation	0.041552094
wavelet-HHL	glcm	Autocorrelation	85.66496604
wavelet-HHL	glcm	SumEntropy	4.078812698
wavelet-HHL	glcm	SumSquares	10.82439488
wavelet-HHL	glcm	ClusterProminence	1641.495312
wavelet-HHL	glcm	Imc2	0.906316801
wavelet-HHL	glcm	Imc1	-0.237798833
wavelet-HHL	glcm	DifferenceAverage	3.497131985
wavelet-HHL	glcm	Id	0.343906236
wavelet-HHL	glcm	ClusterTendency	22.5819147
wavelet-HHL	firstorder	InterquartileRange	94.00615712
wavelet-HHL	firstorder	Skewness	0.425033053
wavelet-HHL	firstorder	Uniformity	0.093523997
wavelet-HHL	firstorder	Median	-3.761754357
wavelet-HHL	firstorder	Energy	1144210.415
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	41.3261436
wavelet-HHL	firstorder	MeanAbsoluteDeviation	64.21662902
wavelet-HHL	firstorder	TotalEnergy	30893681.2
wavelet-HHL	firstorder	Maximum	299.3212089
wavelet-HHL	firstorder	RootMeanSquared	85.64275887
wavelet-HHL	firstorder	90Percentile	94.0599085

wavelet-HHL	firstorder	Minimum	-222.7593593
wavelet-HHL	firstorder	Entropy	3.697677561
wavelet-HHL	firstorder	Range	522.0805682
wavelet-HHL	firstorder	Variance	7298.844501
wavelet-HHL	firstorder	10Percentile	-119.0209936
wavelet-HHL	firstorder	Kurtosis	4.104665171
wavelet-HHL	firstorder	Mean	-5.986455216
wavelet-HHL	grlm	ShortRunLowGrayLevelEmphasis	0.026541161
wavelet-HHL	grlm	GrayLevelVariance	11.97378262
wavelet-HHL	grlm	LowGrayLevelRunEmphasis	0.027216415
wavelet-HHL	grlm	GrayLevelNonUniformityNormalized	0.090572387
wavelet-HHL	grlm	RunVariance	0.066672962
wavelet-HHL	grlm	GrayLevelNonUniformity	13.27831917
wavelet-HHL	grlm	LongRunEmphasis	1.20258406
wavelet-HHL	grlm	ShortRunHighGrayLevelEmphasis	92.9671883
wavelet-HHL	grlm	RunLengthNonUniformity	129.7935842
wavelet-HHL	grlm	ShortRunEmphasis	0.952939817
wavelet-HHL	grlm	LongRunHighGrayLevelEmphasis	116.4534017
wavelet-HHL	grlm	RunPercentage	0.939349112
wavelet-HHL	grlm	LongRunLowGrayLevelEmphasis	0.030062124
wavelet-HHL	grlm	RunEntropy	3.993496523
wavelet-HHL	grlm	HighGrayLevelRunEmphasis	97.37619382
wavelet-HHL	grlm	RunLengthNonUniformityNormalized	0.884461521
wavelet-HHL	glszm	GrayLevelVariance	18.5399927
wavelet-HHL	glszm	ZoneVariance	9.853177502
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.073411249
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.515339664
wavelet-HHL	glszm	SizeZoneNonUniformity	38.13513514
wavelet-HHL	glszm	GrayLevelNonUniformity	5.432432432
wavelet-HHL	glszm	LargeAreaEmphasis	14.2972973
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	82.19028126
wavelet-HHL	glszm	ZonePercentage	0.474358974
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.205675641
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1338
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	103.2297297
wavelet-HHL	glszm	SmallAreaEmphasis	0.742191462
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.038025528
wavelet-HHL	glszm	ZoneEntropy	4.925189008
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.032221155
wavelet-HHL	ngtdm	Coarseness	0.04145301
wavelet-HHL	ngtdm	Complexity	348.1212161
wavelet-HHL	ngtdm	Strength	4.274032922
wavelet-HHL	ngtdm	Contrast	0.169583134
wavelet-HHL	ngtdm	Busyness	0.137849718
wavelet-HLH	gldm	GrayLevelVariance	61.68425378
wavelet-HLH	gldm	HighGrayLevelEmphasis	535.025641
wavelet-HLH	gldm	DependenceEntropy	5.920698033
wavelet-HLH	gldm	DependenceNonUniformity	48.12820513
wavelet-HLH	gldm	GrayLevelNonUniformity	7.423076923
wavelet-HLH	gldm	SmallDependenceEmphasis	0.537794639
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	296.1786882
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.308514135
wavelet-HLH	gldm	LargeDependenceEmphasis	5.91025641
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.026319021
wavelet-HLH	gldm	DependenceVariance	1.702498356
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	3186.461538

wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010775436
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.01242499
wavelet-HLH	glcm	JointAverage	21.86575547
wavelet-HLH	glcm	SumAverage	43.73151094
wavelet-HLH	glcm	JointEntropy	7.187631899
wavelet-HLH	glcm	ClusterShade	-677.210506
wavelet-HLH	glcm	MaximumProbability	0.023767008
wavelet-HLH	glcm	Idmn	0.946018662
wavelet-HLH	glcm	JointEnergy	0.007740928
wavelet-HLH	glcm	Contrast	111.69414
wavelet-HLH	glcm	DifferenceEntropy	4.113674098
wavelet-HLH	glcm	InverseVariance	0.153562101
wavelet-HLH	glcm	DifferenceVariance	47.02795168
wavelet-HLH	glcm	Idn	0.857309404
wavelet-HLH	glcm	Idm	0.156370817
wavelet-HLH	glcm	Correlation	0.013439119
wavelet-HLH	glcm	Autocorrelation	479.8550258
wavelet-HLH	glcm	SumEntropy	4.893670887
wavelet-HLH	glcm	SumSquares	57.50996693
wavelet-HLH	glcm	ClusterProminence	55299.08968
wavelet-HLH	glcm	Imc2	0.992872356
wavelet-HLH	glcm	Imc1	-0.459900838
wavelet-HLH	glcm	DifferenceAverage	7.738883378
wavelet-HLH	glcm	Id	0.240461455
wavelet-HLH	glcm	ClusterTendency	118.3457277
wavelet-HLH	firstorder	InterquartileRange	216.7688637
wavelet-HLH	firstorder	Skewness	-0.47499502
wavelet-HLH	firstorder	Uniformity	0.047583826
wavelet-HLH	firstorder	Median	-1.806333933
wavelet-HLH	firstorder	Energy	6094659.177
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	91.69733837
wavelet-HLH	firstorder	MeanAbsoluteDeviation	148.0885078
wavelet-HLH	firstorder	TotalEnergy	164555797.8
wavelet-HLH	firstorder	Maximum	457.4189552
wavelet-HLH	firstorder	RootMeanSquared	197.6570972
wavelet-HLH	firstorder	90Percentile	217.0570022
wavelet-HLH	firstorder	Minimum	-539.1390827
wavelet-HLH	firstorder	Entropy	4.734532932
wavelet-HLH	firstorder	Range	996.5580378
wavelet-HLH	firstorder	Variance	38670.87283
wavelet-HLH	firstorder	10Percentile	-352.7463097
wavelet-HLH	firstorder	Kurtosis	3.199134057
wavelet-HLH	firstorder	Mean	-19.93627904
wavelet-HLH	gldm	ShortRunLowGrayLevelEmphasis	0.012725442
wavelet-HLH	gldm	GrayLevelVariance	63.06688523
wavelet-HLH	gldm	LowGrayLevelRunEmphasis	0.012821675
wavelet-HLH	gldm	GrayLevelNonUniformityNormalized	0.046301329
wavelet-HLH	gldm	RunVariance	0.047641338
wavelet-HLH	gldm	GrayLevelNonUniformity	6.931808733
wavelet-HLH	gldm	LongRunEmphasis	1.135382459
wavelet-HLH	gldm	ShortRunHighGrayLevelEmphasis	519.44576
wavelet-HLH	gldm	RunLengthNonUniformity	138.6738651
wavelet-HLH	gldm	ShortRunEmphasis	0.970237091
wavelet-HLH	gldm	LongRunHighGrayLevelEmphasis	607.5090281
wavelet-HLH	gldm	RunPercentage	0.959566075
wavelet-HLH	gldm	LongRunLowGrayLevelEmphasis	0.01323539

wavelet-HLH	glrlm	RunEntropy	4.907515665
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	535.164842
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.925530929
wavelet-HLH	glszm	GrayLevelVariance	78.40660142
wavelet-HLH	glszm	ZoneVariance	1.670137443
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.039150354
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.532902957
wavelet-HLH	glszm	SizeZoneNonUniformity	52.2244898
wavelet-HLH	glszm	GrayLevelNonUniformity	3.836734694
wavelet-HLH	glszm	LargeAreaEmphasis	4.204081633
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	422.4806981
wavelet-HLH	glszm	ZonePercentage	0.628205128
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.027260671
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	2259.163265
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	544.1734694
wavelet-HLH	glszm	SmallAreaEmphasis	0.757649431
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.017742909
wavelet-HLH	glszm	ZoneEntropy	5.63241737
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.016769979
wavelet-HLH	ngtdm	Coarseness	0.037145828
wavelet-HLH	ngtdm	Complexity	2880.101261
wavelet-HLH	ngtdm	Strength	14.79406096
wavelet-HLH	ngtdm	Contrast	0.57044426
wavelet-HLH	ngtdm	Busyness	0.033839877

Image type	Feature Class	Feature Name	
general	info	BoundingBox	502: RTSTRUCT: C99-DNU_segment_ITV_LUL (1, 0, 1, 9, 8, 12)
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
general	info	GeneralSettings	
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general	info	ImageSpacing	
general	info	MaskHash	56584101390d68e63974896381ea56ea505c54cc
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	1
general	info	VoxelNum	229
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original	shape	MinorAxis	23.1193185
original	shape	Elongation	0.635611251
original	shape	SurfaceVolumeRatio	0.393776357
original	shape	Volume	6183
original	shape	MajorAxis	36.37336258
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original	shape	Flatness	0.353131772
original	shape	LeastAxis	12.84458999
original	shape	Maximum2DDiameterColumn	32.31098884
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original	gldm	GrayLevelVariance	124.3459888
original	gldm	HighGrayLevelEmphasis	1110.689956
original	gldm	DependenceEntropy	6.222211651
original	gldm	DependenceNonUniformity	82.18777293
original	gldm	GrayLevelNonUniformity	8.720524017
original	gldm	SmallDependenceEmphasis	0.608685674
original	gldm	SmallDependenceHighGrayLevelEmphasis	547.0034895
original	gldm	DependenceNonUniformityNormalized	0.358898572
original	gldm	LargeDependenceEmphasis	5.069868996
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.010355626
original	gldm	DependenceVariance	1.527583379
original	gldm	LargeDependenceHighGrayLevelEmphasis	7858.401747
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.006758904
original	gldm	LowGrayLevelEmphasis	0.007188917
original	glcm	JointAverage	33.28445047
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original	glcm	JointEntropy	7.660709492
original	glcm	ClusterShade	-2782.234125
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original	glcm	Idmn	0.927469416
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original	glcm	Contrast	198.4286695
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original	glcm	Idn	0.83623757
original	glcm	Idm	0.134430584
original	glcm	Correlation	0.149353732
original	glcm	Autocorrelation	1125.623921
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original	glcm	SumSquares	116.6647036
original	glcm	ClusterProminence	198190.799
original	glcm	Imc2	0.991775447
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original	glcm	ClusterTendency	268.230145
original	firstorder	InterquartileRange	450
original	firstorder	Skewness	-0.657393241
original	firstorder	Uniformity	0.038080891
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original	firstorder	Energy	32398653
original	firstorder	RobustMeanAbsoluteDeviation	184.3771267
original	firstorder	MeanAbsoluteDeviation	235.9623958
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original	firstorder	Maximum	114
original	firstorder	RootMeanSquared	376.1367226
original	firstorder	90Percentile	52
original	firstorder	Minimum	-1014
original	firstorder	Entropy	5.039602841
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original	firstorder	Variance	77527.27095
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original	firstorder	Kurtosis	2.425280061
original	firstorder	Mean	-252.8864629
original	glrlm	ShortRunLowGrayLevelEmphasis	0.007388638
original	glrlm	GrayLevelVariance	124.578626
original	glrlm	LowGrayLevelRunEmphasis	0.007411887
original	glrlm	GrayLevelNonUniformityNormalized	0.036827913
original	glrlm	RunVariance	0.035997549
original	glrlm	GrayLevelNonUniformity	8.149505412
original	glrlm	LongRunEmphasis	1.108324132
original	glrlm	ShortRunHighGrayLevelEmphasis	1053.581945
original	glrlm	RunLengthNonUniformity	206.7484848
original	glrlm	ShortRunEmphasis	0.974109732
original	glrlm	LongRunHighGrayLevelEmphasis	1265.547204
original	glrlm	RunPercentage	0.966073228
original	glrlm	LongRunLowGrayLevelEmphasis	0.007507466
original	glrlm	RunEntropy	5.202085749
original	glrlm	HighGrayLevelRunEmphasis	1094.211837
original	glrlm	RunLengthNonUniformityNormalized	0.934076696

original	glszm	GrayLevelVariance	122.9506241
original	glszm	ZoneVariance	1.925156013
original	glszm	GrayLevelNonUniformityNormalized	0.029937595
original	glszm	SizeZoneNonUniformityNormalized	0.635098668
original	glszm	SizeZoneNonUniformity	97.80519481
original	glszm	GrayLevelNonUniformity	4.61038961
original	glszm	LargeAreaEmphasis	4.136363636
original	glszm	SmallAreaHighGrayLevelEmphasis	702.9483987
original	glszm	ZonePercentage	0.672489083
original	glszm	LargeAreaLowGrayLevelEmphasis	0.01267474
original	glszm	LargeAreaHighGrayLevelEmphasis	6049.818182
original	glszm	HighGrayLevelZoneEmphasis	928.5519481
original	glszm	SmallAreaEmphasis	0.822866613
original	glszm	LowGrayLevelZoneEmphasis	0.010198323
original	glszm	ZoneEntropy	5.857482525
original	glszm	SmallAreaLowGrayLevelEmphasis	0.009950639
original	ngtdm	Coarseness	0.016870828
original	ngtdm	Complexity	6321.515848
original	ngtdm	Strength	16.85750971
original	ngtdm	Contrast	1.033261676
original	ngtdm	Busyness	0.037984614
wavelet-HHH	gldm	GrayLevelVariance	23.55210618
wavelet-HHH	gldm	HighGrayLevelEmphasis	175.8427948
wavelet-HHH	gldm	DependenceEntropy	5.50878766
wavelet-HHH	gldm	DependenceNonUniformity	83.08733624
wavelet-HHH	gldm	GrayLevelNonUniformity	13.7860262
wavelet-HHH	gldm	SmallDependenceEmphasis	0.584713731
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	104.3177426
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.362826796
wavelet-HHH	gldm	LargeDependenceEmphasis	4.126637555
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.046468234
wavelet-HHH	gldm	DependenceVariance	0.936747964
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	730.349345
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.01611611
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.020068368
wavelet-HHH	glcm	JointAverage	12.35602391
wavelet-HHH	glcm	SumAverage	24.71204782
wavelet-HHH	glcm	JointEntropy	7.309996017
wavelet-HHH	glcm	ClusterShade	-19.96851055
wavelet-HHH	glcm	MaximumProbability	0.018677395
wavelet-HHH	glcm	Idmn	0.929927147
wavelet-HHH	glcm	JointEnergy	0.007245723
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wavelet-HHH	glcm	DifferenceEntropy	3.735027395
wavelet-HHH	glcm	InverseVariance	0.162558926
wavelet-HHH	glcm	DifferenceVariance	15.48721549
wavelet-HHH	glcm	Idn	0.823402954
wavelet-HHH	glcm	Idm	0.150303271
wavelet-HHH	glcm	Correlation	-0.03842058
wavelet-HHH	glcm	Autocorrelation	151.7684958
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wavelet-HHH	glcm	SumSquares	23.29915454
wavelet-HHH	glcm	ClusterProminence	5338.050772
wavelet-HHH	glcm	Imc2	0.940857844
wavelet-HHH	glcm	Imc1	-0.260042715

wavelet-HHH	glcm	DifferenceAverage	5.661632955
wavelet-HHH	glcm	Id	0.24487308
wavelet-HHH	glcm	ClusterTendency	44.74530337
wavelet-HHH	firstorder	InterquartileRange	196.4605748
wavelet-HHH	firstorder	Skewness	-0.142739201
wavelet-HHH	firstorder	Uniformity	0.060200988
wavelet-HHH	firstorder	Median	8.143461031
wavelet-HHH	firstorder	Energy	3344313.28
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	76.24228545
wavelet-HHH	firstorder	MeanAbsoluteDeviation	101.0137383
wavelet-HHH	firstorder	TotalEnergy	90296458.56
wavelet-HHH	firstorder	Maximum	282.7454072
wavelet-HHH	firstorder	RootMeanSquared	120.8469616
wavelet-HHH	firstorder	90Percentile	144.4079137
wavelet-HHH	firstorder	Minimum	-293.7806799
wavelet-HHH	firstorder	Entropy	4.216351809
wavelet-HHH	firstorder	Range	576.5260871
wavelet-HHH	firstorder	Variance	14588.9249
wavelet-HHH	firstorder	10Percentile	-161.6253971
wavelet-HHH	firstorder	Kurtosis	2.275019301
wavelet-HHH	firstorder	Mean	-3.88E+00
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.020217097
wavelet-HHH	glrlm	GrayLevelVariance	23.86803449
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.020418694
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.059574557
wavelet-HHH	glrlm	RunVariance	0.032271953
wavelet-HHH	glrlm	GrayLevelNonUniformity	13.23049714
wavelet-HHH	glrlm	LongRunEmphasis	1.095887567
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	171.8447883
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wavelet-HHH	glrlm	ShortRunEmphasis	0.977183125
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wavelet-HHH	glrlm	RunPercentage	0.969768223
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.021270934
wavelet-HHH	glrlm	RunEntropy	4.373658226
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	175.853314
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.941524441
wavelet-HHH	glszm	GrayLevelVariance	28.21117555
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wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.05315097
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.565876039
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wavelet-HHH	glszm	GrayLevelNonUniformity	8.078947368
wavelet-HHH	glszm	LargeAreaEmphasis	3.875
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	139.6605394
wavelet-HHH	glszm	ZonePercentage	0.663755459
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	0.047646
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	707.8684211
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	175.5460526
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wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.025644032
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wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.023318396
wavelet-HHH	ngtdm	Coarseness	0.019962508
wavelet-HHH	ngtdm	Complexity	936.3846406

wavelet-HHH	ngtdm	Strength	3.47009526
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wavelet-HLL	gldm	GrayLevelVariance	52.18714365
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wavelet-HLL	gldm	DependenceEntropy	5.826186363
wavelet-HLL	gldm	DependenceNonUniformity	81.66375546
wavelet-HLL	gldm	GrayLevelNonUniformity	10.84279476
wavelet-HLL	gldm	SmallDependenceEmphasis	0.571051977
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	418.7202741
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.356610286
wavelet-HLL	gldm	LargeDependenceEmphasis	4.283842795
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.012678063
wavelet-HLL	gldm	DependenceVariance	0.999675826
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	2885.235808
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005612326
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.006537379
wavelet-HLL	glcm	JointAverage	24.99171467
wavelet-HLL	glcm	SumAverage	49.98342934
wavelet-HLL	glcm	JointEntropy	7.545062839
wavelet-HLL	glcm	ClusterShade	-19.25909767
wavelet-HLL	glcm	MaximumProbability	0.016515045
wavelet-HLL	glcm	Idmn	0.970530041
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wavelet-HLL	glcm	Idn	0.887926451
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wavelet-HLL	glcm	Correlation	0.109788718
wavelet-HLL	glcm	Autocorrelation	630.5174537
wavelet-HLL	glcm	SumEntropy	5.034840781
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wavelet-HLL	glcm	ClusterProminence	51308.35845
wavelet-HLL	glcm	Imc2	0.981696672
wavelet-HLL	glcm	Imc1	-0.364576004
wavelet-HLL	glcm	DifferenceAverage	6.873987371
wavelet-HLL	glcm	Id	0.234015798
wavelet-HLL	glcm	ClusterTendency	108.1448625
wavelet-HLL	firstorder	InterquartileRange	188.5250976
wavelet-HLL	firstorder	Skewness	-0.020761896
wavelet-HLL	firstorder	Uniformity	0.047348449
wavelet-HLL	firstorder	Median	-22.94844437
wavelet-HLL	firstorder	Energy	7572696.352
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	84.9212297
wavelet-HLL	firstorder	MeanAbsoluteDeviation	134.2569865
wavelet-HLL	firstorder	TotalEnergy	204462801.5
wavelet-HLL	firstorder	Maximum	583.8214906
wavelet-HLL	firstorder	RootMeanSquared	181.8475818
wavelet-HLL	firstorder	90Percentile	182.4242449
wavelet-HLL	firstorder	Minimum	-639.3974347
wavelet-HLL	firstorder	Entropy	4.692356755
wavelet-HLL	firstorder	Range	1223.218925
wavelet-HLL	firstorder	Variance	32455.44689

wavelet-HLL	firstorder	10Percentile	-245.948319
wavelet-HLL	firstorder	Kurtosis	4.093646538
wavelet-HLL	firstorder	Mean	-24.76077799
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.006637973
wavelet-HLL	glrlm	GrayLevelVariance	53.0190368
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.00668564
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.04662868
wavelet-HLL	glrlm	RunVariance	0.032579157
wavelet-HLL	glrlm	GrayLevelNonUniformity	10.34500281
wavelet-HLL	glrlm	LongRunEmphasis	1.099108197
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	689.8206727
wavelet-HLL	glrlm	RunLengthNonUniformity	208.4163295
wavelet-HLL	glrlm	ShortRunEmphasis	0.976003646
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	771.5663413
wavelet-HLL	glrlm	RunPercentage	0.968760497
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.006882254
wavelet-HLL	glrlm	RunEntropy	4.838513418
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	705.8391852
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.938882542
wavelet-HLL	glszm	GrayLevelVariance	63.00328947
wavelet-HLL	glszm	ZoneVariance	1.249956717
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041118421
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.539646814
wavelet-HLL	glszm	SizeZoneNonUniformity	82.02631579
wavelet-HLL	glszm	GrayLevelNonUniformity	6.25
wavelet-HLL	glszm	LargeAreaEmphasis	3.519736842
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	565.9995121
wavelet-HLL	glszm	ZonePercentage	0.663755459
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.013542082
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	2378.611842
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	726.0657895
wavelet-HLL	glszm	SmallAreaEmphasis	0.761739766
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.008796899
wavelet-HLL	glszm	ZoneEntropy	5.662079942
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.008235072
wavelet-HLL	ngtdm	Coarseness	0.027694143
wavelet-HLL	ngtdm	Complexity	2726.256053
wavelet-HLL	ngtdm	Strength	13.34386988
wavelet-HLL	ngtdm	Contrast	0.382932079
wavelet-HLL	ngtdm	Busyness	0.039432781
wavelet-LHL	gldm	GrayLevelVariance	284.2854255
wavelet-LHL	gldm	HighGrayLevelEmphasis	2463.829694
wavelet-LHL	gldm	DependenceEntropy	6.417098945
wavelet-LHL	gldm	DependenceNonUniformity	123.9781659
wavelet-LHL	gldm	GrayLevelNonUniformity	5
wavelet-LHL	gldm	SmallDependenceEmphasis	0.761917758
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	1956.202723
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.541389371
wavelet-LHL	gldm	LargeDependenceEmphasis	2.467248908
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006600497
wavelet-LHL	gldm	DependenceVariance	0.502355028
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	5522.790393
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005141681
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.005366936
wavelet-LHL	glcm	JointAverage	45.65463911

wavelet-LHL	glcm	SumAverage	91.30927821
wavelet-LHL	glcm	JointEntropy	7.975305263
wavelet-LHL	glcm	ClusterShade	1969.137293
wavelet-LHL	glcm	MaximumProbability	0.009932211
wavelet-LHL	glcm	Idmn	0.94236138
wavelet-LHL	glcm	JointEnergy	0.004171588
wavelet-LHL	glcm	Contrast	554.8458059
wavelet-LHL	glcm	DifferenceEntropy	5.056207224
wavelet-LHL	glcm	InverseVariance	0.067515581
wavelet-LHL	glcm	DifferenceVariance	222.8835694
wavelet-LHL	glcm	Idn	0.850726773
wavelet-LHL	glcm	Idm	0.06795877
wavelet-LHL	glcm	Correlation	0.056728296
wavelet-LHL	glcm	Autocorrelation	2107.264338
wavelet-LHL	glcm	SumEntropy	5.930133284
wavelet-LHL	glcm	SumSquares	300.0265581
wavelet-LHL	glcm	ClusterProminence	1411717.795
wavelet-LHL	glcm	Imc2	0.999438249
wavelet-LHL	glcm	Imc1	-0.600189491
wavelet-LHL	glcm	DifferenceAverage	17.31236879
wavelet-LHL	glcm	Id	0.135703834
wavelet-LHL	glcm	ClusterTendency	645.2604264
wavelet-LHL	firstorder	InterquartileRange	550.2627659
wavelet-LHL	firstorder	Skewness	0.104270767
wavelet-LHL	firstorder	Uniformity	0.021834061
wavelet-LHL	firstorder	Median	-121.5746126
wavelet-LHL	firstorder	Energy	41660204.22
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	240.210853
wavelet-LHL	firstorder	MeanAbsoluteDeviation	339.3921954
wavelet-LHL	firstorder	TotalEnergy	1124825514
wavelet-LHL	firstorder	Maximum	944.9131106
wavelet-LHL	firstorder	RootMeanSquared	426.5234919
wavelet-LHL	firstorder	90Percentile	533.6424114
wavelet-LHL	firstorder	Minimum	-1218.028981
wavelet-LHL	firstorder	Entropy	5.783728833
wavelet-LHL	firstorder	Range	2162.942091
wavelet-LHL	firstorder	Variance	177105.9764
wavelet-LHL	firstorder	10Percentile	-569.8033968
wavelet-LHL	firstorder	Kurtosis	2.742009644
wavelet-LHL	firstorder	Mean	-69.39965961
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005427397
wavelet-LHL	glrlm	GrayLevelVariance	285.1642235
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.005437845
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.021606201
wavelet-LHL	glrlm	RunVariance	0.01544175
wavelet-LHL	glrlm	GrayLevelNonUniformity	4.871613221
wavelet-LHL	glrlm	LongRunEmphasis	1.047423139
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	2444.160207
wavelet-LHL	glrlm	RunLengthNonUniformity	218.5476248
wavelet-LHL	glrlm	ShortRunEmphasis	0.988144215
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	2569.768064
wavelet-LHL	glrlm	RunPercentage	0.984548203
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.005479636
wavelet-LHL	glrlm	RunEntropy	5.845281815
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	2469.281778

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.969116499
wavelet-LHL	glszm	GrayLevelVariance	298.292602
wavelet-LHL	glszm	ZoneVariance	0.473619492
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.019302811
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.743258315
wavelet-LHL	glszm	SizeZoneNonUniformity	138.9893048
wavelet-LHL	glszm	GrayLevelNonUniformity	3.609625668
wavelet-LHL	glszm	LargeAreaEmphasis	1.973262032
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	2297.841986
wavelet-LHL	glszm	ZonePercentage	0.816593886
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.007190675
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	4429.57754
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	2553.272727
wavelet-LHL	glszm	SmallAreaEmphasis	0.884618241
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.006367149
wavelet-LHL	glszm	ZoneEntropy	6.262657915
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.006249828
wavelet-LHL	ngtdm	Coarseness	0.021154984
wavelet-LHL	ngtdm	Complexity	23404.20505
wavelet-LHL	ngtdm	Strength	36.67600574
wavelet-LHL	ngtdm	Contrast	1.494589625
wavelet-LHL	ngtdm	Busyness	0.01855175
wavelet-LHH	gldm	GrayLevelVariance	112.8015103
wavelet-LHH	gldm	HighGrayLevelEmphasis	1189.157205
wavelet-LHH	gldm	DependenceEntropy	5.941946107
wavelet-LHH	gldm	DependenceNonUniformity	121.1135371
wavelet-LHH	gldm	GrayLevelNonUniformity	6.930131004
wavelet-LHH	gldm	SmallDependenceEmphasis	0.744207909
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	881.9164544
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.528880075
wavelet-LHH	gldm	LargeDependenceEmphasis	2.266375546
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.00850831
wavelet-LHH	gldm	DependenceVariance	0.350145878
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	2645.471616
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00674597
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.007038767
wavelet-LHH	glcm	JointAverage	32.93835229
wavelet-LHH	glcm	SumAverage	65.87670458
wavelet-LHH	glcm	JointEntropy	7.881431566
wavelet-LHH	glcm	ClusterShade	-167.4921957
wavelet-LHH	glcm	MaximumProbability	0.011056178
wavelet-LHH	glcm	Idmn	0.944695274
wavelet-LHH	glcm	JointEnergy	0.004556787
wavelet-LHH	glcm	Contrast	231.8781458
wavelet-LHH	glcm	DifferenceEntropy	4.68534504
wavelet-LHH	glcm	InverseVariance	0.09280335
wavelet-LHH	glcm	DifferenceVariance	84.741347
wavelet-LHH	glcm	Idn	0.846694546
wavelet-LHH	glcm	Idm	0.08210201
wavelet-LHH	glcm	Correlation	-0.053395996
wavelet-LHH	glcm	Autocorrelation	1078.967897
wavelet-LHH	glcm	SumEntropy	5.395076542
wavelet-LHH	glcm	SumSquares	109.8787048
wavelet-LHH	glcm	ClusterProminence	144296.5639
wavelet-LHH	glcm	lmc2	0.997218775

wavelet-LHH	glcm	Imc1	-0.499224867
wavelet-LHH	glcm	DifferenceAverage	11.82667639
wavelet-LHH	glcm	Id	0.158771137
wavelet-LHH	glcm	ClusterTendency	207.6366735
wavelet-LHH	firstorder	InterquartileRange	349.9476913
wavelet-LHH	firstorder	Skewness	-0.084175037
wavelet-LHH	firstorder	Uniformity	0.030262581
wavelet-LHH	firstorder	Median	5.936245045
wavelet-LHH	firstorder	Energy	16170743.92
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	141.5680658
wavelet-LHH	firstorder	MeanAbsoluteDeviation	208.173053
wavelet-LHH	firstorder	TotalEnergy	436610085.8
wavelet-LHH	firstorder	Maximum	673.1167038
wavelet-LHH	firstorder	RootMeanSquared	265.7340819
wavelet-LHH	firstorder	90Percentile	358.1598634
wavelet-LHH	firstorder	Minimum	-794.1927272
wavelet-LHH	firstorder	Entropy	5.297895429
wavelet-LHH	firstorder	Range	1467.309431
wavelet-LHH	firstorder	Variance	70562.24043
wavelet-LHH	firstorder	10Percentile	-330.2358655
wavelet-LHH	firstorder	Kurtosis	3.173891777
wavelet-LHH	firstorder	Mean	7.236147607
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007114505
wavelet-LHH	glrlm	GrayLevelVariance	113.3281602
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.007127589
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.030144711
wavelet-LHH	glrlm	RunVariance	0.014770407
wavelet-LHH	glrlm	GrayLevelNonUniformity	6.801024045
wavelet-LHH	glrlm	LongRunEmphasis	1.04529173
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1176.113211
wavelet-LHH	glrlm	RunLengthNonUniformity	218.9914605
wavelet-LHH	glrlm	ShortRunEmphasis	0.988677068
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1242.535332
wavelet-LHH	glrlm	RunPercentage	0.98522002
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.007179923
wavelet-LHH	glrlm	RunEntropy	5.3585367
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1189.397635
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.970459187
wavelet-LHH	glszm	GrayLevelVariance	120.3676399
wavelet-LHH	glszm	ZoneVariance	0.281106123
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.028854128
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.69241328
wavelet-LHH	glszm	SizeZoneNonUniformity	129.4812834
wavelet-LHH	glszm	GrayLevelNonUniformity	5.395721925
wavelet-LHH	glszm	LargeAreaEmphasis	1.780748663
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	1016.024695
wavelet-LHH	glszm	ZonePercentage	0.816593886
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.009251764
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	2108.754011
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1188.294118
wavelet-LHH	glszm	SmallAreaEmphasis	0.858660131
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.008362953
wavelet-LHH	glszm	ZoneEntropy	5.832468225
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.008201278
wavelet-LHH	ngtdm	Coarseness	0.023432145



wavelet-LHH	ngtdm	Complexity	8573.90575
wavelet-LHH	ngtdm	Strength	17.76502713
wavelet-LHH	ngtdm	Contrast	0.790567553
wavelet-LHH	ngtdm	Busyness	0.029228325
wavelet-LLH	gldm	GrayLevelVariance	156.5739021
wavelet-LLH	gldm	HighGrayLevelEmphasis	1175.270742
wavelet-LLH	gldm	DependenceEntropy	6.187856944
wavelet-LLH	gldm	DependenceNonUniformity	114.9912664
wavelet-LLH	gldm	GrayLevelNonUniformity	6.013100437
wavelet-LLH	gldm	SmallDependenceEmphasis	0.728697234
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	829.8375934
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.502145268
wavelet-LLH	gldm	LargeDependenceEmphasis	2.650655022
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.008490551
wavelet-LLH	gldm	DependenceVariance	0.536107244
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	3164.877729
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005998025
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.006379842
wavelet-LLH	glcm	JointAverage	31.3478882
wavelet-LLH	glcm	SumAverage	62.69577641
wavelet-LLH	glcm	JointEntropy	7.955820113
wavelet-LLH	glcm	ClusterShade	1261.509341
wavelet-LLH	glcm	MaximumProbability	0.009701234
wavelet-LLH	glcm	Idmn	0.947761748
wavelet-LLH	glcm	JointEnergy	0.004255153
wavelet-LLH	glcm	Contrast	302.0904807
wavelet-LLH	glcm	DifferenceEntropy	4.834596681
wavelet-LLH	glcm	InverseVariance	0.082098343
wavelet-LLH	glcm	DifferenceVariance	106.1171615
wavelet-LLH	glcm	Idn	0.850286945
wavelet-LLH	glcm	Idm	0.078897333
wavelet-LLH	glcm	Correlation	0.083202438
wavelet-LLH	glcm	Autocorrelation	997.1630517
wavelet-LLH	glcm	SumEntropy	5.721498559
wavelet-LLH	glcm	SumSquares	165.2388891
wavelet-LLH	glcm	ClusterProminence	398298.5882
wavelet-LLH	glcm	Imc2	0.998397997
wavelet-LLH	glcm	Imc1	-0.536239961
wavelet-LLH	glcm	DifferenceAverage	13.5855822
wavelet-LLH	glcm	Id	0.149863585
wavelet-LLH	glcm	ClusterTendency	358.8650758
wavelet-LLH	firstorder	InterquartileRange	418.6348968
wavelet-LLH	firstorder	Skewness	0.147010565
wavelet-LLH	firstorder	Uniformity	0.026258081
wavelet-LLH	firstorder	Median	-64.71036719
wavelet-LLH	firstorder	Energy	23358075.98
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	170.4947903
wavelet-LLH	firstorder	MeanAbsoluteDeviation	247.1367908
wavelet-LLH	firstorder	TotalEnergy	630668051.5
wavelet-LLH	firstorder	Maximum	876.0222784
wavelet-LLH	firstorder	RootMeanSquared	319.3749079
wavelet-LLH	firstorder	90Percentile	347.1502292
wavelet-LLH	firstorder	Minimum	-843.9945741
wavelet-LLH	firstorder	Entropy	5.470222157
wavelet-LLH	firstorder	Range	1720.016853

wavelet-LLH	firstorder	Variance	97824.46013
wavelet-LLH	firstorder	10Percentile	-490.255685
wavelet-LLH	firstorder	Kurtosis	2.805065246
wavelet-LLH	firstorder	Mean	-64.62098475
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.006453374
wavelet-LLH	glrlm	GrayLevelVariance	157.783895
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.006470738
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.025986049
wavelet-LLH	glrlm	RunVariance	0.019543964
wavelet-LLH	glrlm	GrayLevelNonUniformity	5.847401496
wavelet-LLH	glrlm	LongRunEmphasis	1.05611905
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1158.163769
wavelet-LLH	glrlm	RunLengthNonUniformity	217.6582472
wavelet-LLH	glrlm	ShortRunEmphasis	0.987135852
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1243.06974
wavelet-LLH	glrlm	RunPercentage	0.982532751
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.006544744
wavelet-LLH	glrlm	RunEntropy	5.540998173
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	1174.190092
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.966976235
wavelet-LLH	glszm	GrayLevelVariance	171.8723584
wavelet-LLH	glszm	ZoneVariance	0.664080425
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.024091293
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.698164473
wavelet-LLH	glszm	SizeZoneNonUniformity	127.0659341
wavelet-LLH	glszm	GrayLevelNonUniformity	4.384615385
wavelet-LLH	glszm	LargeAreaEmphasis	2.247252747
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	971.2050733
wavelet-LLH	glszm	ZonePercentage	0.794759825
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.009181947
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	2641.412088
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	1152.043956
wavelet-LLH	glszm	SmallAreaEmphasis	0.861471306
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.007678927
wavelet-LLH	glszm	ZoneEntropy	5.996042567
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007470284
wavelet-LLH	ngtdm	Coarseness	0.023396818
wavelet-LLH	ngtdm	Complexity	10847.14795
wavelet-LLH	ngtdm	Strength	23.02192665
wavelet-LLH	ngtdm	Contrast	0.985162322
wavelet-LLH	ngtdm	Busyness	0.030726614
wavelet-LLL	gldm	GrayLevelVariance	475.603707
wavelet-LLL	gldm	HighGrayLevelEmphasis	3446.091703
wavelet-LLL	gldm	DependenceEntropy	6.589996885
wavelet-LLL	gldm	DependenceNonUniformity	138.1877729
wavelet-LLL	gldm	GrayLevelNonUniformity	3.593886463
wavelet-LLL	gldm	SmallDependenceEmphasis	0.803978651
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	2660.711548
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.603440056
wavelet-LLL	gldm	LargeDependenceEmphasis	1.978165939
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.005557544
wavelet-LLL	gldm	DependenceVariance	0.296104193
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	7460.179039
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.005054493
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.005145149

wavelet-LLL	glcm	JointAverage	60.11777686
wavelet-LLL	glcm	SumAverage	120.2355537
wavelet-LLL	glcm	JointEntropy	8.050064399
wavelet-LLL	glcm	ClusterShade	-7261.135056
wavelet-LLL	glcm	MaximumProbability	0.007442811
wavelet-LLL	glcm	Idmn	0.949216116
wavelet-LLL	glcm	JointEnergy	0.003888764
wavelet-LLL	glcm	Contrast	595.3657595
wavelet-LLL	glcm	DifferenceEntropy	5.223971408
wavelet-LLL	glcm	InverseVariance	0.047929247
wavelet-LLL	glcm	DifferenceVariance	188.3215512
wavelet-LLL	glcm	Idn	0.848088449
wavelet-LLL	glcm	Idm	0.048835962
wavelet-LLL	glcm	Correlation	0.340803642
wavelet-LLL	glcm	Autocorrelation	3762.915293
wavelet-LLL	glcm	SumEntropy	6.243250246
wavelet-LLL	glcm	SumSquares	445.1451586
wavelet-LLL	glcm	ClusterProminence	3318858.333
wavelet-LLL	glcm	Imc2	0.999844717
wavelet-LLL	glcm	Imc1	-0.672858015
wavelet-LLL	glcm	DifferenceAverage	19.68529636
wavelet-LLL	glcm	Id	0.108589344
wavelet-LLL	glcm	ClusterTendency	1185.214875
wavelet-LLL	firstorder	InterquartileRange	841.1918538
wavelet-LLL	firstorder	Skewness	-0.022058388
wavelet-LLL	firstorder	Uniformity	0.015693827
wavelet-LLL	firstorder	Median	-825.8627059
wavelet-LLL	firstorder	Energy	223835537.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	340.7714973
wavelet-LLL	firstorder	MeanAbsoluteDeviation	455.7979529
wavelet-LLL	firstorder	TotalEnergy	6043559515
wavelet-LLL	firstorder	Maximum	333.6934808
wavelet-LLL	firstorder	RootMeanSquared	988.6595786
wavelet-LLL	firstorder	90Percentile	-59.43778046
wavelet-LLL	firstorder	Minimum	-2171.273114
wavelet-LLL	firstorder	Entropy	6.168767695
wavelet-LLL	firstorder	Range	2504.966595
wavelet-LLL	firstorder	Variance	296864.3577
wavelet-LLL	firstorder	10Percentile	-1510.371193
wavelet-LLL	firstorder	Kurtosis	2.232852791
wavelet-LLL	firstorder	Mean	-824.9747903
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005195936
wavelet-LLL	glrlm	GrayLevelVariance	476.7632294
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.005199748
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.015673571
wavelet-LLL	glrlm	RunVariance	0.011417797
wavelet-LLL	glrlm	GrayLevelNonUniformity	3.548254918
wavelet-LLL	glrlm	LongRunEmphasis	1.034799868
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	3403.505719
wavelet-LLL	glrlm	RunLengthNonUniformity	221.2358567
wavelet-LLL	glrlm	ShortRunEmphasis	0.991300033
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	3580.421068
wavelet-LLL	glrlm	RunPercentage	0.988579106
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.005214999
wavelet-LLL	glrlm	RunEntropy	6.202887367

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	3438.888788
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.977164407
wavelet-LLL	glszm	GrayLevelVariance	489.0312041
wavelet-LLL	glszm	ZoneVariance	0.196964622
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.015486099
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.764693757
wavelet-LLL	glszm	SizeZoneNonUniformity	150.6446701
wavelet-LLL	glszm	GrayLevelNonUniformity	3.050761421
wavelet-LLL	glszm	LargeAreaEmphasis	1.54822335
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2941.037789
wavelet-LLL	glszm	ZonePercentage	0.860262009
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.006143726
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	5597.994924
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	3348.837563
wavelet-LLL	glszm	SmallAreaEmphasis	0.89678511
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.00590774
wavelet-LLL	glszm	ZoneEntropy	6.492312703
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.005857899
wavelet-LLL	ngtdm	Coarseness	0.024075267
wavelet-LLL	ngtdm	Complexity	35478.12489
wavelet-LLL	ngtdm	Strength	65.16597564
wavelet-LLL	ngtdm	Contrast	1.762296154
wavelet-LLL	ngtdm	Busyness	0.011678846
wavelet-HHL	gldm	GrayLevelVariance	40.4194428
wavelet-HHL	gldm	HighGrayLevelEmphasis	351.9650655
wavelet-HHL	gldm	DependenceEntropy	5.724438656
wavelet-HHL	gldm	DependenceNonUniformity	90.10043668
wavelet-HHL	gldm	GrayLevelNonUniformity	11.27074236
wavelet-HHL	gldm	SmallDependenceEmphasis	0.625114022
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	221.2568219
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.393451689
wavelet-HHL	gldm	LargeDependenceEmphasis	3.524017467
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.019612338
wavelet-HHL	gldm	DependenceVariance	0.726797735
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	1197.484716
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.008706392
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010089401
wavelet-HHL	glcm	JointAverage	17.94713257
wavelet-HHL	glcm	SumAverage	35.89426514
wavelet-HHL	glcm	JointEntropy	7.536985355
wavelet-HHL	glcm	ClusterShade	273.2701154
wavelet-HHL	glcm	MaximumProbability	0.015998214
wavelet-HHL	glcm	Idmn	0.958890162
wavelet-HHL	glcm	JointEnergy	0.006113065
wavelet-HHL	glcm	Contrast	85.33321413
wavelet-HHL	glcm	DifferenceEntropy	4.061393013
wavelet-HHL	glcm	InverseVariance	0.140670203
wavelet-HHL	glcm	DifferenceVariance	33.13043435
wavelet-HHL	glcm	Idn	0.866093218
wavelet-HHL	glcm	Idm	0.129567336
wavelet-HHL	glcm	Correlation	-0.053946686
wavelet-HHL	glcm	Autocorrelation	320.4115405
wavelet-HHL	glcm	SumEntropy	4.809398247
wavelet-HHL	glcm	SumSquares	40.82259248
wavelet-HHL	glcm	ClusterProminence	27603.03109

wavelet-HHL	glcm	Imc2	0.977526245
wavelet-HHL	glcm	Imc1	-0.345933672
wavelet-HHL	glcm	DifferenceAverage	7.106215119
wavelet-HHL	glcm	Id	0.220237963
wavelet-HHL	glcm	ClusterTendency	77.95715577
wavelet-HHL	firstorder	InterquartileRange	191.0413356
wavelet-HHL	firstorder	Skewness	0.386232218
wavelet-HHL	firstorder	Uniformity	0.049217216
wavelet-HHL	firstorder	Median	-1.516686594
wavelet-HHL	firstorder	Energy	5791942.3
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	84.38069884
wavelet-HHL	firstorder	MeanAbsoluteDeviation	123.9486515
wavelet-HHL	firstorder	TotalEnergy	156382442.1
wavelet-HHL	firstorder	Maximum	602.4267242
wavelet-HHL	firstorder	RootMeanSquared	159.0356075
wavelet-HHL	firstorder	90Percentile	208.2314454
wavelet-HHL	firstorder	Minimum	-407.7261044
wavelet-HHL	firstorder	Entropy	4.57035566
wavelet-HHL	firstorder	Range	1010.152829
wavelet-HHL	firstorder	Variance	25278.3437
wavelet-HHL	firstorder	10Percentile	-184.4320705
wavelet-HHL	firstorder	Kurtosis	3.849710082
wavelet-HHL	firstorder	Mean	3.739084727
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010187438
wavelet-HHL	glrlm	GrayLevelVariance	40.97930187
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.01026029
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.048871822
wavelet-HHL	glrlm	RunVariance	0.027262955
wavelet-HHL	glrlm	GrayLevelNonUniformity	10.9029407
wavelet-HHL	glrlm	LongRunEmphasis	1.082043791
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	345.4682176
wavelet-HHL	glrlm	RunLengthNonUniformity	211.9307705
wavelet-HHL	glrlm	ShortRunEmphasis	0.980295374
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	380.0350675
wavelet-HHL	glrlm	RunPercentage	0.974135035
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.010568157
wavelet-HHL	glrlm	RunEntropy	4.691127241
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	352.2551564
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.94952015
wavelet-HHL	glszm	GrayLevelVariance	49.0572123
wavelet-HHL	glszm	ZoneVariance	0.927201883
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.045252884
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.599475329
wavelet-HHL	glszm	SizeZoneNonUniformity	96.51552795
wavelet-HHL	glszm	GrayLevelNonUniformity	7.285714286
wavelet-HHL	glszm	LargeAreaEmphasis	2.950310559
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	284.4137733
wavelet-HHL	glszm	ZonePercentage	0.703056769
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	0.019872414
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	1029.838509
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	354.7639752
wavelet-HHL	glszm	SmallAreaEmphasis	0.802396912
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.012789175
wavelet-HHL	glszm	ZoneEntropy	5.439652845
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.012063279

wavelet-HHL	ngtdm	Coarseness	0.024079702
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wavelet-HHL	ngtdm	Strength	8.358454022
wavelet-HHL	ngtdm	Contrast	0.419545444
wavelet-HHL	ngtdm	Busyness	0.081572808
wavelet-HLH	gldm	GrayLevelVariance	26.34148853
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wavelet-HLH	gldm	DependenceEntropy	5.747129457
wavelet-HLH	gldm	DependenceNonUniformity	74.32751092
wavelet-HLH	gldm	GrayLevelNonUniformity	13.38427948
wavelet-HLH	gldm	SmallDependenceEmphasis	0.533510432
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	130.0153578
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.324574283
wavelet-HLH	gldm	LargeDependenceEmphasis	4.737991266
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.035736552
wavelet-HLH	gldm	DependenceVariance	1.062985069
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	1092.79476
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.010355235
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.01356809
wavelet-HLH	glcm	JointAverage	14.48743034
wavelet-HLH	glcm	SumAverage	28.97486068
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wavelet-HLH	glcm	ClusterShade	-43.03826388
wavelet-HLH	glcm	MaximumProbability	0.018869508
wavelet-HLH	glcm	Idmn	0.944413491
wavelet-HLH	glcm	JointEnergy	0.007075597
wavelet-HLH	glcm	Contrast	52.441079
wavelet-HLH	glcm	DifferenceEntropy	3.779405413
wavelet-HLH	glcm	InverseVariance	0.170316892
wavelet-HLH	glcm	DifferenceVariance	19.63761977
wavelet-HLH	glcm	Idn	0.845537901
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wavelet-HLH	glcm	Correlation	-0.034401309
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wavelet-HLH	glcm	SumSquares	25.37729742
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wavelet-HLH	glcm	Imc2	0.955810653
wavelet-HLH	glcm	Imc1	-0.289063661
wavelet-HLH	glcm	DifferenceAverage	5.652723166
wavelet-HLH	glcm	Id	0.255441361
wavelet-HLH	glcm	ClusterTendency	49.06811067
wavelet-HLH	firstorder	InterquartileRange	178.2336937
wavelet-HLH	firstorder	Skewness	-0.034072513
wavelet-HLH	firstorder	Uniformity	0.058446635
wavelet-HLH	firstorder	Median	11.59614272
wavelet-HLH	firstorder	Energy	3750558.512
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	70.08139643
wavelet-HLH	firstorder	MeanAbsoluteDeviation	101.602714
wavelet-HLH	firstorder	TotalEnergy	101265079.8
wavelet-HLH	firstorder	Maximum	334.6066097
wavelet-HLH	firstorder	RootMeanSquared	127.9765008
wavelet-HLH	firstorder	90Percentile	152.8955438
wavelet-HLH	firstorder	Minimum	-336.1648515
wavelet-HLH	firstorder	Entropy	4.341596035

wavelet-HLH	firstorder	Range	670.7714612
wavelet-HLH	firstorder	Variance	16373.18401
wavelet-HLH	firstorder	10Percentile	-168.5524751
wavelet-HLH	firstorder	Kurtosis	2.878234519
wavelet-HLH	firstorder	Mean	2.191062676
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.01366871
wavelet-HLH	glrlm	GrayLevelVariance	26.86982119
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.013835991
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.057496589
wavelet-HLH	glrlm	RunVariance	0.038698653
wavelet-HLH	glrlm	GrayLevelNonUniformity	12.70339198
wavelet-HLH	glrlm	LongRunEmphasis	1.113943777
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	232.6713843
wavelet-HLH	glrlm	RunLengthNonUniformity	206.1583993
wavelet-HLH	glrlm	ShortRunEmphasis	0.973461945
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	264.9726205
wavelet-HLH	glrlm	RunPercentage	0.964729594
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.014551661
wavelet-HLH	glrlm	RunEntropy	4.5208246
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	238.8461833
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.932727218
wavelet-HLH	glszm	GrayLevelVariance	34.52673407
wavelet-HLH	glszm	ZoneVariance	2.192042654
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.048740003
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.515718525
wavelet-HLH	glszm	SizeZoneNonUniformity	72.71631206
wavelet-HLH	glszm	GrayLevelNonUniformity	6.872340426
wavelet-HLH	glszm	LargeAreaEmphasis	4.829787234
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	182.1891568
wavelet-HLH	glszm	ZonePercentage	0.615720524
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.038966515
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	1134.680851
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	240.5815603
wavelet-HLH	glszm	SmallAreaEmphasis	0.745685579
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.018021231
wavelet-HLH	glszm	ZoneEntropy	5.541103346
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.015994321
wavelet-HLH	ngtdm	Coarseness	0.025065082
wavelet-HLH	ngtdm	Complexity	1210.131609
wavelet-HLH	ngtdm	Strength	5.218333716
wavelet-HLH	ngtdm	Contrast	0.299120411
wavelet-HLH	ngtdm	Busyness	0.102575739

Image type	Feature Class	Feature Name	
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general	info	NumpyVersion	49
general	info	PyWaveletVersion	1.13.1
general	info	SimpleITKVersion	0.5.2
general	info	Version	1.1.0
general	info	VolumeNum	1.3.0.post102+g1b0eb74
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original	shape	Elongation	31.15968893
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original	shape	Volume	0.215340815
original	shape	MajorAxis	31131
original	shape	SurfaceArea	61.37936644
original	shape	Flatness	6703.774907
original	shape	LeastAxis	0.426392535
original	shape	Maximum2DDiameterColumn	26.17170368
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original	gldm	GrayLevelVariance	69.0651866
original	gldm	HighGrayLevelEmphasis	25.79645843
original	gldm	DependenceEntropy	763.4865568
original	gldm	DependenceNonUniformity	6.280861097
original	gldm	GrayLevelNonUniformity	99.5793582
original	gldm	SmallDependenceEmphasis	207.5429315
original	gldm	SmallDependenceHighGrayLevelEmphasis	0.248108387
original	gldm	DependenceNonUniformityNormalized	134.7915687
original	gldm	LargeDependenceEmphasis	0.086365445
original	gldm	LargeDependenceLowGrayLevelEmphasis	76.49522984
original	gldm	DependenceVariance	0.088669874
original	gldm	LargeDependenceHighGrayLevelEmphasis	32.02379855
original	gldm	SmallDependenceLowGrayLevelEmphasis	67695.31483
original	gldm		0.001848895



original	gldm	LowGrayLevelEmphasis	0.002835349
original	glcm	JointAverage	27.81675419
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original	glcm	Contrast	25.51127236
original	glcm	DifferenceEntropy	3.010844988
original	glcm	InverseVariance	0.355551017
original	glcm	DifferenceVariance	17.5244483
original	glcm	ldn	0.934786295
original	glcm	ldm	0.467259422
original	glcm	Correlation	0.327514089
original	glcm	Autocorrelation	780.0700875
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original	glcm	SumSquares	19.04692581
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original	glcm	ClusterTendency	50.67643086
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original	firstorder	Skewness	-2.274509425
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original	firstorder	Median	20
original	firstorder	Energy	19824639
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original	firstorder	Minimum	-678
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original	glrlm	ShortRunLowGrayLevelEmphasis	0.003130237
original	glrlm	GrayLevelVariance	30.30561774
original	glrlm	LowGrayLevelRunEmphasis	0.003300805
original	glrlm	GrayLevelNonUniformityNormalized	0.131761811
original	glrlm	RunVariance	0.541433383
original	glrlm	GrayLevelNonUniformity	118.8820866
original	glrlm	LongRunEmphasis	2.181340005
original	glrlm	ShortRunHighGrayLevelEmphasis	608.7878079
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original	glrlm	RunEntropy	4.390291391
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original	glrlm	RunLengthNonUniformityNormalized	0.693108349
original	glszm	GrayLevelVariance	44.47495464
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original	glszm	SizeZoneNonUniformityNormalized	0.563178389
original	glszm	SizeZoneNonUniformity	172.8957655
original	glszm	GrayLevelNonUniformity	16.74592834
original	glszm	LargeAreaEmphasis	698.257329
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original	glszm	LargeAreaHighGrayLevelEmphasis	615729.7003
original	glszm	HighGrayLevelZoneEmphasis	537.980456
original	glszm	SmallAreaEmphasis	0.778315832
original	glszm	LowGrayLevelZoneEmphasis	0.00714267
original	glszm	ZoneEntropy	5.54299033
original	glszm	SmallAreaLowGrayLevelEmphasis	0.006692393
original	ngtdm	Coarseness	0.003695135
original	ngtdm	Complexity	1159.430884
original	ngtdm	Strength	4.443832666
original	ngtdm	Contrast	0.123463606
original	ngtdm	Busyness	0.193735962
wavelet-HHH	gldm	GrayLevelVariance	5.832137439
wavelet-HHH	gldm	HighGrayLevelEmphasis	187.0182134
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wavelet-HHH	gldm	DependenceNonUniformity	118.9150043
wavelet-HHH	gldm	GrayLevelNonUniformity	175.4058977
wavelet-HHH	gldm	SmallDependenceEmphasis	0.227478855
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	44.31931945
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.103135303
wavelet-HHH	gldm	LargeDependenceEmphasis	41.25325239
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.232103361
wavelet-HHH	gldm	DependenceVariance	14.93537354
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	7520.411101
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002953441
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.007436874
wavelet-HHH	glcm	JointAverage	13.48771265
wavelet-HHH	glcm	SumAverage	26.9754253
wavelet-HHH	glcm	JointEntropy	5.929990547
wavelet-HHH	glcm	ClusterShade	-1.881142655
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wavelet-HHH	glcm	ldmn	0.981795796
wavelet-HHH	glcm	JointEnergy	0.03534072
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wavelet-HHH	glcm	DifferenceEntropy	2.808427985
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wavelet-HHH	glcm	Correlation	-0.038983228
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wavelet-HHH	firstorder	Median	-1.048516664
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wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	24.29453245
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wavelet-HHH	firstorder	Entropy	3.181294567
wavelet-HHH	firstorder	Range	536.8497197
wavelet-HHH	firstorder	Variance	3601.787683
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wavelet-HHH	firstorder	Kurtosis	5.64725005
wavelet-HHH	firstorder	Mean	-0.939848697
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.007136584
wavelet-HHH	glrlm	GrayLevelVariance	6.691616141
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.00777562
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.131945217
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wavelet-HHH	glrlm	GrayLevelNonUniformity	128.0236989
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wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.011683559
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wavelet-HLL	glcm	JointEntropy	7.362637117
wavelet-HLL	glcm	ClusterShade	134.4444353
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wavelet-HLL	glcm	Idmn	0.989147208
wavelet-HLL	glcm	JointEnergy	0.017585834
wavelet-HLL	glcm	Contrast	49.12662376
wavelet-HLL	glcm	DifferenceEntropy	3.551482275
wavelet-HLL	glcm	InverseVariance	0.299231345
wavelet-HLL	glcm	DifferenceVariance	29.90944667
wavelet-HLL	glcm	Idn	0.943051279
wavelet-HLL	glcm	Idm	0.319744381
wavelet-HLL	glcm	Correlation	0.231696832
wavelet-HLL	glcm	Autocorrelation	900.4406001
wavelet-HLL	glcm	SumEntropy	4.666567018
wavelet-HLL	glcm	SumSquares	32.97560827
wavelet-HLL	glcm	ClusterProminence	67525.85702
wavelet-HLL	glcm	Imc2	0.880192782
wavelet-HLL	glcm	Imc1	-0.189162193
wavelet-HLL	glcm	DifferenceAverage	4.245629036
wavelet-HLL	glcm	Id	0.389821695
wavelet-HLL	glcm	ClusterTendency	82.77580932
wavelet-HLL	firstorder	InterquartileRange	101.6462202
wavelet-HLL	firstorder	Skewness	0.52595945
wavelet-HLL	firstorder	Uniformity	0.088072971
wavelet-HLL	firstorder	Median	-20.40801265

wavelet-HLL	firstorder	Energy	30334977.1
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	49.59089178
wavelet-HLL	firstorder	MeanAbsoluteDeviation	99.94134809
wavelet-HLL	firstorder	TotalEnergy	819044381.7
wavelet-HLL	firstorder	Maximum	805.7853812
wavelet-HLL	firstorder	RootMeanSquared	162.202365
wavelet-HLL	firstorder	90Percentile	95.47389001
wavelet-HLL	firstorder	Minimum	-752.4374286
wavelet-HLL	firstorder	Entropy	4.246768319
wavelet-HLL	firstorder	Range	1558.22281
wavelet-HLL	firstorder	Variance	24955.33467
wavelet-HLL	firstorder	10Percentile	-218.5282739
wavelet-HLL	firstorder	Kurtosis	8.355146483
wavelet-HLL	firstorder	Mean	-36.80044193
wavelet-HLL	grlm	ShortRunLowGrayLevelEmphasis	0.002290835
wavelet-HLL	grlm	GrayLevelVariance	44.51711042
wavelet-HLL	grlm	LowGrayLevelRunEmphasis	0.002383017
wavelet-HLL	grlm	GrayLevelNonUniformityNormalized	0.074452617
wavelet-HLL	grlm	RunVariance	0.206790694
wavelet-HLL	grlm	GrayLevelNonUniformity	75.60460617
wavelet-HLL	grlm	LongRunEmphasis	1.504225133
wavelet-HLL	grlm	ShortRunHighGrayLevelEmphasis	861.7566494
wavelet-HLL	grlm	RunLengthNonUniformity	820.9399502
wavelet-HLL	grlm	ShortRunEmphasis	0.916966839
wavelet-HLL	grlm	LongRunHighGrayLevelEmphasis	1421.702368
wavelet-HLL	grlm	RunPercentage	0.87984522
wavelet-HLL	grlm	LongRunLowGrayLevelEmphasis	0.002930369
wavelet-HLL	grlm	RunEntropy	4.892324737
wavelet-HLL	grlm	HighGrayLevelRunEmphasis	940.4004464
wavelet-HLL	grlm	RunLengthNonUniformityNormalized	0.807628159
wavelet-HLL	glszm	GrayLevelVariance	83.41508878
wavelet-HLL	glszm	ZoneVariance	168.6971731
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.036979352
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.541206835
wavelet-HLL	glszm	SizeZoneNonUniformity	229.4716981
wavelet-HLL	glszm	GrayLevelNonUniformity	15.67924528
wavelet-HLL	glszm	LargeAreaEmphasis	176.0919811
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	741.5614863
wavelet-HLL	glszm	ZonePercentage	0.36773634
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.184446044
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	171782.1816
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	953.5259434
wavelet-HLL	glszm	SmallAreaEmphasis	0.763054708
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.004066971
wavelet-HLL	glszm	ZoneEntropy	6.201348005
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.003727242
wavelet-HLL	ngtdm	Coarseness	0.00697255
wavelet-HLL	ngtdm	Complexity	3892.835086
wavelet-HLL	ngtdm	Strength	8.874884279
wavelet-HLL	ngtdm	Contrast	0.099626265
wavelet-HLL	ngtdm	Busyness	0.063879322
wavelet-LHL	gldm	GrayLevelVariance	19.87136088
wavelet-LHL	gldm	HighGrayLevelEmphasis	433.6921075

wavelet-LHL	gldm	DependenceEntropy	6.527627607
wavelet-LHL	gldm	DependenceNonUniformity	161.5776236
wavelet-LHL	gldm	GrayLevelNonUniformity	113.246314
wavelet-LHL	gldm	SmallDependenceEmphasis	0.319897534
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	137.3523294
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.140136707
wavelet-LHL	gldm	LargeDependenceEmphasis	31.22202949
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.071966019
wavelet-LHL	gldm	DependenceVariance	13.37451905
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	14198.32177
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.002641916
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.004368883
wavelet-LHL	glcm	JointAverage	20.46542809
wavelet-LHL	glcm	SumAverage	40.93085618
wavelet-LHL	glcm	JointEntropy	7.044515484
wavelet-LHL	glcm	ClusterShade	-62.37014562
wavelet-LHL	glcm	MaximumProbability	0.063367796
wavelet-LHL	glcm	ldmn	0.986779543
wavelet-LHL	glcm	JointEnergy	0.019293401
wavelet-LHL	glcm	Contrast	28.33987755
wavelet-LHL	glcm	DifferenceEntropy	3.339244886
wavelet-LHL	glcm	InverseVariance	0.307434816
wavelet-LHL	glcm	DifferenceVariance	15.95397222
wavelet-LHL	glcm	ldn	0.932706207
wavelet-LHL	glcm	ldm	0.331186797
wavelet-LHL	glcm	Correlation	0.13919768
wavelet-LHL	glcm	Autocorrelation	421.172447
wavelet-LHL	glcm	SumEntropy	4.374031457
wavelet-LHL	glcm	SumSquares	16.5064876
wavelet-LHL	glcm	ClusterProminence	9732.595245
wavelet-LHL	glcm	lmc2	0.772967135
wavelet-LHL	glcm	lmc1	-0.125044804
wavelet-LHL	glcm	DifferenceAverage	3.465702038
wavelet-LHL	glcm	ld	0.403709548
wavelet-LHL	glcm	ClusterTendency	37.68607283
wavelet-LHL	firstorder	InterquartileRange	93.3686108
wavelet-LHL	firstorder	Skewness	-0.1450956
wavelet-LHL	firstorder	Uniformity	0.098218833
wavelet-LHL	firstorder	Median	-14.7242621
wavelet-LHL	firstorder	Energy	15193161.74
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	41.8835756
wavelet-LHL	firstorder	MeanAbsoluteDeviation	75.80887064
wavelet-LHL	firstorder	TotalEnergy	410215367
wavelet-LHL	firstorder	Maximum	571.6884656
wavelet-LHL	firstorder	RootMeanSquared	114.7914197
wavelet-LHL	firstorder	90Percentile	75.7490519
wavelet-LHL	firstorder	Minimum	-521.502375
wavelet-LHL	firstorder	Entropy	3.936912913
wavelet-LHL	firstorder	Range	1093.190841
wavelet-LHL	firstorder	Variance	12341.05896
wavelet-LHL	firstorder	10Percentile	-165.0380711
wavelet-LHL	firstorder	Kurtosis	6.488044074
wavelet-LHL	firstorder	Mean	-28.91385591

wavelet-LHL	grlm	ShortRunLowGrayLevelEmphasis	0.004458955
wavelet-LHL	grlm	GrayLevelVariance	22.12536239
wavelet-LHL	grlm	LowGrayLevelRunEmphasis	0.004660134
wavelet-LHL	grlm	GrayLevelNonUniformityNormalized	0.084709263
wavelet-LHL	grlm	RunVariance	0.218259374
wavelet-LHL	grlm	GrayLevelNonUniformity	85.6213273
wavelet-LHL	grlm	LongRunEmphasis	1.524972088
wavelet-LHL	grlm	ShortRunHighGrayLevelEmphasis	393.6645681
wavelet-LHL	grlm	RunLengthNonUniformity	810.9586288
wavelet-LHL	grlm	ShortRunEmphasis	0.914663457
wavelet-LHL	grlm	LongRunHighGrayLevelEmphasis	667.9421431
wavelet-LHL	grlm	RunPercentage	0.875975716
wavelet-LHL	grlm	LongRunLowGrayLevelEmphasis	0.005868074
wavelet-LHL	grlm	RunEntropy	4.58537694
wavelet-LHL	grlm	HighGrayLevelRunEmphasis	431.6733679
wavelet-LHL	grlm	RunLengthNonUniformityNormalized	0.802140975
wavelet-LHL	glszm	GrayLevelVariance	43.17360285
wavelet-LHL	glszm	ZoneVariance	186.090132
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.049734281
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.501662258
wavelet-LHL	glszm	SizeZoneNonUniformity	203.6748768
wavelet-LHL	glszm	GrayLevelNonUniformity	20.19211823
wavelet-LHL	glszm	LargeAreaEmphasis	194.1551724
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	316.132485
wavelet-LHL	glszm	ZonePercentage	0.352124892
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.43336147
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	88708.77586
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	426.7931034
wavelet-LHL	glszm	SmallAreaEmphasis	0.73578213
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.007845582
wavelet-LHL	glszm	ZoneEntropy	5.888711374
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.007025103
wavelet-LHL	ngtdm	Coarseness	0.006617229
wavelet-LHL	ngtdm	Complexity	1631.279097
wavelet-LHL	ngtdm	Strength	3.803067473
wavelet-LHL	ngtdm	Contrast	0.076040247
wavelet-LHL	ngtdm	Busyness	0.137118846
wavelet-LHH	gldm	GrayLevelVariance	11.80551659
wavelet-LHH	gldm	HighGrayLevelEmphasis	196.0867303
wavelet-LHH	gldm	DependenceEntropy	6.298305478
wavelet-LHH	gldm	DependenceNonUniformity	152.925412
wavelet-LHH	gldm	GrayLevelNonUniformity	126.8699046
wavelet-LHH	gldm	SmallDependenceEmphasis	0.296285039
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	63.34434059
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.132632621
wavelet-LHH	gldm	LargeDependenceEmphasis	29.49956635
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.17317494
wavelet-LHH	gldm	DependenceVariance	11.51990697
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	5334.215091
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.005786189
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.010113086
wavelet-LHH	glcm	JointAverage	13.59109235
wavelet-LHH	glcm	SumAverage	27.1821847

wavelet-LHH	glcm	JointEntropy	6.803623484
wavelet-LHH	glcm	ClusterShade	33.22269695
wavelet-LHH	glcm	MaximumProbability	0.068255594
wavelet-LHH	glcm	Idmn	0.975462093
wavelet-LHH	glcm	JointEnergy	0.020202958
wavelet-LHH	glcm	Contrast	22.07370342
wavelet-LHH	glcm	DifferenceEntropy	3.24254758
wavelet-LHH	glcm	InverseVariance	0.315700301
wavelet-LHH	glcm	DifferenceVariance	11.60394177
wavelet-LHH	glcm	Idn	0.906982606
wavelet-LHH	glcm	Idm	0.336917915
wavelet-LHH	glcm	Correlation	-0.03245901
wavelet-LHH	glcm	Autocorrelation	184.3774891
wavelet-LHH	glcm	SumEntropy	4.035217254
wavelet-LHH	glcm	SumSquares	10.69396123
wavelet-LHH	glcm	ClusterProminence	2506.428614
wavelet-LHH	glcm	Imc2	0.705558798
wavelet-LHH	glcm	Imc1	-0.098987443
wavelet-LHH	glcm	DifferenceAverage	3.19372075
wavelet-LHH	glcm	Id	0.409719226
wavelet-LHH	glcm	ClusterTendency	20.70214148
wavelet-LHH	firstorder	InterquartileRange	76.50799255
wavelet-LHH	firstorder	Skewness	0.204537646
wavelet-LHH	firstorder	Uniformity	0.110034609
wavelet-LHH	firstorder	Median	-2.429924937
wavelet-LHH	firstorder	Energy	8482344.696
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	33.60521565
wavelet-LHH	firstorder	MeanAbsoluteDeviation	59.5244134
wavelet-LHH	firstorder	TotalEnergy	229023306.8
wavelet-LHH	firstorder	Maximum	367.6154986
wavelet-LHH	firstorder	RootMeanSquared	85.77155916
wavelet-LHH	firstorder	90Percentile	105.0224434
wavelet-LHH	firstorder	Minimum	-319.288135
wavelet-LHH	firstorder	Entropy	3.677722303
wavelet-LHH	firstorder	Range	686.9036336
wavelet-LHH	firstorder	Variance	7353.556305
wavelet-LHH	firstorder	10Percentile	-92.78365271
wavelet-LHH	firstorder	Kurtosis	5.115966279
wavelet-LHH	firstorder	Mean	1.789987465
wavelet-LHH	grlm	ShortRunLowGrayLevelEmphasis	0.010202219
wavelet-LHH	grlm	GrayLevelVariance	13.12144338
wavelet-LHH	grlm	LowGrayLevelRunEmphasis	0.01072485
wavelet-LHH	grlm	GrayLevelNonUniformityNormalized	0.0970021
wavelet-LHH	grlm	RunVariance	0.201698866
wavelet-LHH	grlm	GrayLevelNonUniformity	97.92009215
wavelet-LHH	grlm	LongRunEmphasis	1.50927582
wavelet-LHH	grlm	ShortRunHighGrayLevelEmphasis	181.7218018
wavelet-LHH	grlm	RunLengthNonUniformity	801.9241164
wavelet-LHH	grlm	ShortRunEmphasis	0.91103036
wavelet-LHH	grlm	LongRunHighGrayLevelEmphasis	290.7008614
wavelet-LHH	grlm	RunPercentage	0.875375275
wavelet-LHH	grlm	LongRunLowGrayLevelEmphasis	0.013683726
wavelet-LHH	grlm	RunEntropy	4.322214886



wavelet-LHH	grlm	HighGrayLevelRunEmphasis	198.0250571
wavelet-LHH	grlm	RunLengthNonUniformityNormalized	0.793885701
wavelet-LHH	glszm	GrayLevelVariance	26.26546515
wavelet-LHH	glszm	ZoneVariance	222.4776845
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.058717254
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.490162381
wavelet-LHH	glszm	SizeZoneNonUniformity	180.8699187
wavelet-LHH	glszm	GrayLevelNonUniformity	21.66666667
wavelet-LHH	glszm	LargeAreaEmphasis	232.2411924
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	158.8295902
wavelet-LHH	glszm	ZonePercentage	0.320034692
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	1.323655404
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	41715.33333
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	215.7940379
wavelet-LHH	glszm	SmallAreaEmphasis	0.727622014
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.018731278
wavelet-LHH	glszm	ZoneEntropy	5.680018495
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.016784839
wavelet-LHH	ngtdm	Coarseness	0.006615503
wavelet-LHH	ngtdm	Complexity	711.7653806
wavelet-LHH	ngtdm	Strength	1.371049476
wavelet-LHH	ngtdm	Contrast	0.084657217
wavelet-LHH	ngtdm	Busyness	0.316872699
wavelet-LLH	gldm	GrayLevelVariance	44.23707527
wavelet-LLH	gldm	HighGrayLevelEmphasis	848.4735473
wavelet-LLH	gldm	DependenceEntropy	6.836738805
wavelet-LLH	gldm	DependenceNonUniformity	195.8499566
wavelet-LLH	gldm	GrayLevelNonUniformity	80.85082394
wavelet-LLH	gldm	SmallDependenceEmphasis	0.375470402
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	331.9118142
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.169861194
wavelet-LLH	gldm	LargeDependenceEmphasis	23.01040763
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.029262453
wavelet-LLH	gldm	DependenceVariance	9.81076704
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	19457.15004
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001699861
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.002549456
wavelet-LLH	glcm	JointAverage	27.86018042
wavelet-LLH	glcm	SumAverage	55.72036085
wavelet-LLH	glcm	JointEntropy	7.86370469
wavelet-LLH	glcm	ClusterShade	92.29476272
wavelet-LLH	glcm	MaximumProbability	0.046755593
wavelet-LLH	glcm	ldmn	0.983828963
wavelet-LLH	glcm	JointEnergy	0.011478212
wavelet-LLH	glcm	Contrast	69.15042706
wavelet-LLH	glcm	DifferenceEntropy	3.80177489
wavelet-LLH	glcm	InverseVariance	0.270683956
wavelet-LLH	glcm	DifferenceVariance	40.86299215
wavelet-LLH	glcm	ldn	0.92964228
wavelet-LLH	glcm	ldm	0.281173997
wavelet-LLH	glcm	Correlation	0.144184305
wavelet-LLH	glcm	Autocorrelation	782.5848575
wavelet-LLH	glcm	SumEntropy	4.951189659

wavelet-LLH	glcm	SumSquares	40.95044509
wavelet-LLH	glcm	ClusterProminence	59012.10601
wavelet-LLH	glcm	Imc2	0.903635199
wavelet-LLH	glcm	Imc1	-0.200449559
wavelet-LLH	glcm	DifferenceAverage	5.144019279
wavelet-LLH	glcm	Id	0.353885511
wavelet-LLH	glcm	ClusterTendency	94.65135329
wavelet-LLH	firstorder	InterquartileRange	119.0333425
wavelet-LLH	firstorder	Skewness	0.295118509
wavelet-LLH	firstorder	Uniformity	0.070122137
wavelet-LLH	firstorder	Median	-22.4445259
wavelet-LLH	firstorder	Energy	32828983.39
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	58.63006045
wavelet-LLH	firstorder	MeanAbsoluteDeviation	110.7098792
wavelet-LLH	firstorder	TotalEnergy	886382551.5
wavelet-LLH	firstorder	Maximum	781.5655704
wavelet-LLH	firstorder	RootMeanSquared	168.7384531
wavelet-LLH	firstorder	90Percentile	160.1434108
wavelet-LLH	firstorder	Minimum	-710.6035772
wavelet-LLH	firstorder	Entropy	4.47730906
wavelet-LLH	firstorder	Range	1492.169148
wavelet-LLH	firstorder	Variance	27642.02981
wavelet-LLH	firstorder	10Percentile	-226.3415852
wavelet-LLH	firstorder	Kurtosis	5.719603482
wavelet-LLH	firstorder	Mean	-28.820752
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.002605356
wavelet-LLH	glrlm	GrayLevelVariance	48.16859434
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.0026968
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.061482504
wavelet-LLH	glrlm	RunVariance	0.162132281
wavelet-LLH	glrlm	GrayLevelNonUniformity	63.79869296
wavelet-LLH	glrlm	LongRunEmphasis	1.40656475
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	790.6189317
wavelet-LLH	glrlm	RunLengthNonUniformity	863.2645699
wavelet-LLH	glrlm	ShortRunEmphasis	0.928502323
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	1190.840785
wavelet-LLH	glrlm	RunPercentage	0.898725732
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.003205018
wavelet-LLH	glrlm	RunEntropy	5.018960156
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	850.0393659
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.831334039
wavelet-LLH	glszm	GrayLevelVariance	80.53498713
wavelet-LLH	glszm	ZoneVariance	104.2632
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.036081301
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.533910471
wavelet-LLH	glszm	SizeZoneNonUniformity	255.209205
wavelet-LLH	glszm	GrayLevelNonUniformity	17.24686192
wavelet-LLH	glszm	LargeAreaEmphasis	110.08159
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	677.8492733
wavelet-LLH	glszm	ZonePercentage	0.414570685
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.133713546
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	93515.74477
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	879.6025105

wavelet-LLH	glszm	SmallAreaEmphasis	0.758821534
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.004266463
wavelet-LLH	glszm	ZoneEntropy	6.277629501
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.003887387
wavelet-LLH	ngtdm	Coarseness	0.007310006
wavelet-LLH	ngtdm	Complexity	4072.696572
wavelet-LLH	ngtdm	Strength	6.687803352
wavelet-LLH	ngtdm	Contrast	0.132979309
wavelet-LLH	ngtdm	Busyness	0.070298121
wavelet-LLL	gldm	GrayLevelVariance	189.4324455
wavelet-LLL	gldm	HighGrayLevelEmphasis	3504.415438
wavelet-LLL	gldm	DependenceEntropy	7.170008293
wavelet-LLL	gldm	DependenceNonUniformity	228.6183868
wavelet-LLL	gldm	GrayLevelNonUniformity	55.65047702
wavelet-LLL	gldm	SmallDependenceEmphasis	0.439400284
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	1183.65219
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.198281342
wavelet-LLL	gldm	LargeDependenceEmphasis	23.79618387
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.006678487
wavelet-LLL	gldm	DependenceVariance	11.52492574
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	103972.3651
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00125831
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001411791
wavelet-LLL	glcm	JointAverage	59.8587908
wavelet-LLL	glcm	SumAverage	119.7175816
wavelet-LLL	glcm	JointEntropy	8.379798757
wavelet-LLL	glcm	ClusterShade	-14771.71704
wavelet-LLL	glcm	MaximumProbability	0.047288181
wavelet-LLL	glcm	ldmn	0.977723429
wavelet-LLL	glcm	JointEnergy	0.008742882
wavelet-LLL	glcm	Contrast	145.144338
wavelet-LLL	glcm	DifferenceEntropy	4.269542429
wavelet-LLL	glcm	InverseVariance	0.235693535
wavelet-LLL	glcm	DifferenceVariance	88.54790757
wavelet-LLL	glcm	ldn	0.920111643
wavelet-LLL	glcm	ldm	0.254821662
wavelet-LLL	glcm	Correlation	0.483606924
wavelet-LLL	glcm	Autocorrelation	3651.954188
wavelet-LLL	glcm	SumEntropy	5.614850171
wavelet-LLL	glcm	SumSquares	141.3558313
wavelet-LLL	glcm	ClusterProminence	1014093.857
wavelet-LLL	glcm	lmc2	0.953938345
wavelet-LLL	glcm	lmc1	-0.254358361
wavelet-LLL	glcm	DifferenceAverage	7.417390674
wavelet-LLL	glcm	ld	0.323397825
wavelet-LLL	glcm	ClusterTendency	420.2789874
wavelet-LLL	firstorder	InterquartileRange	363.7762722
wavelet-LLL	firstorder	Skewness	-1.596967766
wavelet-LLL	firstorder	Uniformity	0.048265808
wavelet-LLL	firstorder	Median	24.01662663
wavelet-LLL	firstorder	Energy	153969397.5
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	164.5277126
wavelet-LLL	firstorder	MeanAbsoluteDeviation	264.183204

wavelet-LLL	firstorder	TotalEnergy	4157173732
wavelet-LLL	firstorder	Maximum	314.6121349
wavelet-LLL	firstorder	RootMeanSquared	365.4286146
wavelet-LLL	firstorder	90Percentile	146.5652047
wavelet-LLL	firstorder	Minimum	-1535.147455
wavelet-LLL	firstorder	Entropy	5.08604237
wavelet-LLL	firstorder	Range	1849.75959
wavelet-LLL	firstorder	Variance	118344.2983
wavelet-LLL	firstorder	10Percentile	-679.2876453
wavelet-LLL	firstorder	Kurtosis	4.979038715
wavelet-LLL	firstorder	Mean	-123.2630282
wavelet-LLL	grlm	ShortRunLowGrayLevelEmphasis	0.001521811
wavelet-LLL	grlm	GrayLevelVariance	199.6874837
wavelet-LLL	grlm	LowGrayLevelRunEmphasis	0.001537867
wavelet-LLL	grlm	GrayLevelNonUniformityNormalized	0.040471547
wavelet-LLL	grlm	RunVariance	0.16072739
wavelet-LLL	grlm	GrayLevelNonUniformity	42.23243303
wavelet-LLL	grlm	LongRunEmphasis	1.389340586
wavelet-LLL	grlm	ShortRunHighGrayLevelEmphasis	3134.223576
wavelet-LLL	grlm	RunLengthNonUniformity	882.5374077
wavelet-LLL	grlm	ShortRunEmphasis	0.934747967
wavelet-LLL	grlm	LongRunHighGrayLevelEmphasis	5110.337273
wavelet-LLL	grlm	RunPercentage	0.903729402
wavelet-LLL	grlm	LongRunLowGrayLevelEmphasis	0.001630986
wavelet-LLL	grlm	RunEntropy	5.599671228
wavelet-LLL	grlm	HighGrayLevelRunEmphasis	3415.103772
wavelet-LLL	grlm	RunLengthNonUniformityNormalized	0.84567471
wavelet-LLL	glszm	GrayLevelVariance	243.1550262
wavelet-LLL	glszm	ZoneVariance	64.83407147
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023676008
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.625406255
wavelet-LLL	glszm	SizeZoneNonUniformity	342.7226277
wavelet-LLL	glszm	GrayLevelNonUniformity	12.97445255
wavelet-LLL	glszm	LargeAreaEmphasis	69.26094891
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	2069.035515
wavelet-LLL	glszm	ZonePercentage	0.475281873
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.018206239
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	304928.9836
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	2742.242701
wavelet-LLL	glszm	SmallAreaEmphasis	0.816217704
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002680075
wavelet-LLL	glszm	ZoneEntropy	6.550944311
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002613482
wavelet-LLL	ngtdm	Coarseness	0.006432503
wavelet-LLL	ngtdm	Complexity	10353.62298
wavelet-LLL	ngtdm	Strength	18.47545602
wavelet-LLL	ngtdm	Contrast	0.452656426
wavelet-LLL	ngtdm	Busyness	0.028309602
wavelet-HHL	gldm	GrayLevelVariance	8.840215464
wavelet-HHL	gldm	HighGrayLevelEmphasis	312.6816999
wavelet-HHL	gldm	DependenceEntropy	6.259667228
wavelet-HHL	gldm	DependenceNonUniformity	127.3347788
wavelet-HHL	gldm	GrayLevelNonUniformity	154.3252385

wavelet-HHL	gldm	SmallDependenceEmphasis	0.2454991
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	78.43186458
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.110437796
wavelet-HHL	gldm	LargeDependenceEmphasis	36.83521249
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.130447903
wavelet-HHL	gldm	DependenceVariance	13.69018413
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	11179.94102
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001735918
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.005600908
wavelet-HHL	glcm	JointAverage	17.46382275
wavelet-HHL	glcm	SumAverage	34.9276455
wavelet-HHL	glcm	JointEntropy	6.305785917
wavelet-HHL	glcm	ClusterShade	-25.81572932
wavelet-HHL	glcm	MaximumProbability	0.085359669
wavelet-HHL	glcm	Idmn	0.983418938
wavelet-HHL	glcm	JointEnergy	0.028162942
wavelet-HHL	glcm	Contrast	17.11012221
wavelet-HHL	glcm	DifferenceEntropy	2.998779097
wavelet-HHL	glcm	InverseVariance	0.355259664
wavelet-HHL	glcm	DifferenceVariance	9.843863031
wavelet-HHL	glcm	Idn	0.925690235
wavelet-HHL	glcm	Idm	0.383950898
wavelet-HHL	glcm	Correlation	-0.024188905
wavelet-HHL	glcm	Autocorrelation	304.8033129
wavelet-HHL	glcm	SumEntropy	3.784644391
wavelet-HHL	glcm	SumSquares	8.371578394
wavelet-HHL	glcm	ClusterProminence	2472.867631
wavelet-HHL	glcm	Imc2	0.708557093
wavelet-HHL	glcm	Imc1	-0.107691258
wavelet-HHL	glcm	DifferenceAverage	2.660355367
wavelet-HHL	glcm	Id	0.450258964
wavelet-HHL	glcm	ClusterTendency	16.37619137
wavelet-HHL	firstorder	InterquartileRange	62.67603688
wavelet-HHL	firstorder	Skewness	-0.361267949
wavelet-HHL	firstorder	Uniformity	0.133846694
wavelet-HHL	firstorder	Median	-1.333245546
wavelet-HHL	firstorder	Energy	6299546.904
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	26.92287536
wavelet-HHL	firstorder	MeanAbsoluteDeviation	49.22311327
wavelet-HHL	firstorder	TotalEnergy	170087766.4
wavelet-HHL	firstorder	Maximum	322.006196
wavelet-HHL	firstorder	RootMeanSquared	73.91626321
wavelet-HHL	firstorder	90Percentile	75.98638983
wavelet-HHL	firstorder	Minimum	-422.6283224
wavelet-HHL	firstorder	Entropy	3.410911248
wavelet-HHL	firstorder	Range	744.6345183
wavelet-HHL	firstorder	Variance	5461.180469
wavelet-HHL	firstorder	10Percentile	-83.02165547
wavelet-HHL	firstorder	Kurtosis	7.510601351
wavelet-HHL	firstorder	Mean	-1.559967043
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.005492422
wavelet-HHL	glrlm	GrayLevelVariance	10.04483072
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.005904967

wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.117590933
wavelet-HHL	glrlm	RunVariance	0.256525736
wavelet-HHL	glrlm	GrayLevelNonUniformity	115.7850962
wavelet-HHL	glrlm	LongRunEmphasis	1.636664138
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	281.9278691
wavelet-HHL	glrlm	RunLengthNonUniformity	755.1628692
wavelet-HHL	glrlm	ShortRunEmphasis	0.896337518
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	508.1944554
wavelet-HHL	glrlm	RunPercentage	0.853425846
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.008298575
wavelet-HHL	glrlm	RunEntropy	4.156046023
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	313.7990842
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.765652224
wavelet-HHL	glszm	GrayLevelVariance	24.08006896
wavelet-HHL	glszm	ZoneVariance	435.5144844
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.068399324
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.492611184
wavelet-HHL	glszm	SizeZoneNonUniformity	143.8424658
wavelet-HHL	glszm	GrayLevelNonUniformity	19.97260274
wavelet-HHL	glszm	LargeAreaEmphasis	451.1061644
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	234.1912392
wavelet-HHL	glszm	ZonePercentage	0.253252385
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.502417965
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	137973.9863
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	319.2842466
wavelet-HHL	glszm	SmallAreaEmphasis	0.729375604
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.008753013
wavelet-HHL	glszm	ZoneEntropy	5.479232921
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.005153805
wavelet-HHL	ngtdm	Coarseness	0.006545305
wavelet-HHL	ngtdm	Complexity	633.7865948
wavelet-HHL	ngtdm	Strength	1.741917584
wavelet-HHL	ngtdm	Contrast	0.052134884
wavelet-HHL	ngtdm	Busyness	0.227541039
wavelet-HLH	gldm	GrayLevelVariance	8.369520591
wavelet-HLH	gldm	HighGrayLevelEmphasis	192.6036427
wavelet-HLH	gldm	DependenceEntropy	6.151572114
wavelet-HLH	gldm	DependenceNonUniformity	139.2914137
wavelet-HLH	gldm	GrayLevelNonUniformity	153.9089332
wavelet-HLH	gldm	SmallDependenceEmphasis	0.246613836
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	50.23132093
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.120807818
wavelet-HLH	gldm	LargeDependenceEmphasis	35.9661752
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.209308649
wavelet-HLH	gldm	DependenceVariance	13.9095884
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	6578.076323
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.002670413
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.008408257
wavelet-HLH	glcm	JointAverage	13.56279255
wavelet-HLH	glcm	SumAverage	27.1255851
wavelet-HLH	glcm	JointEntropy	6.355676654
wavelet-HLH	glcm	ClusterShade	4.680552873
wavelet-HLH	glcm	MaximumProbability	0.081032243

wavelet-HLH	glcm	Idmn	0.978765731
wavelet-HLH	glcm	JointEnergy	0.027717976
wavelet-HLH	glcm	Contrast	14.85917827
wavelet-HLH	glcm	DifferenceEntropy	3.013544058
wavelet-HLH	glcm	InverseVariance	0.343228711
wavelet-HLH	glcm	DifferenceVariance	7.69784003
wavelet-HLH	glcm	Idn	0.91207915
wavelet-HLH	glcm	Idm	0.37221306
wavelet-HLH	glcm	Correlation	-0.007060457
wavelet-HLH	glcm	Autocorrelation	183.9086201
wavelet-HLH	glcm	SumEntropy	3.816430471
wavelet-HLH	glcm	SumSquares	7.386504428
wavelet-HLH	glcm	ClusterProminence	1277.765292
wavelet-HLH	glcm	Imc2	0.62713805
wavelet-HLH	glcm	Imc1	-0.077737724
wavelet-HLH	glcm	DifferenceAverage	2.653879564
wavelet-HLH	glcm	Id	0.441182301
wavelet-HLH	glcm	ClusterTendency	14.68683944
wavelet-HLH	firstorder	InterquartileRange	62.86422542
wavelet-HLH	firstorder	Skewness	0.025513278
wavelet-HLH	firstorder	Uniformity	0.133485632
wavelet-HLH	firstorder	Median	-0.471544925
wavelet-HLH	firstorder	Energy	5937296.241
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	27.57080151
wavelet-HLH	firstorder	MeanAbsoluteDeviation	49.19983656
wavelet-HLH	firstorder	TotalEnergy	160306998.5
wavelet-HLH	firstorder	Maximum	293.7767411
wavelet-HLH	firstorder	RootMeanSquared	71.75954984
wavelet-HLH	firstorder	90Percentile	84.636188
wavelet-HLH	firstorder	Minimum	-315.740037
wavelet-HLH	firstorder	Entropy	3.410379552
wavelet-HLH	firstorder	Range	609.5167782
wavelet-HLH	firstorder	Variance	5145.174288
wavelet-HLH	firstorder	10Percentile	-78.47793167
wavelet-HLH	firstorder	Kurtosis	5.519969464
wavelet-HLH	firstorder	Mean	2.06366314
wavelet-HLH	grlm	ShortRunLowGrayLevelEmphasis	0.008144684
wavelet-HLH	grlm	GrayLevelVariance	9.424207384
wavelet-HLH	grlm	LowGrayLevelRunEmphasis	0.008779366
wavelet-HLH	grlm	GrayLevelNonUniformityNormalized	0.115455722
wavelet-HLH	grlm	RunVariance	0.245473154
wavelet-HLH	grlm	GrayLevelNonUniformity	114.2744878
wavelet-HLH	grlm	LongRunEmphasis	1.60943991
wavelet-HLH	grlm	ShortRunHighGrayLevelEmphasis	175.4469913
wavelet-HLH	grlm	RunLengthNonUniformity	764.8577486
wavelet-HLH	grlm	ShortRunEmphasis	0.899957832
wavelet-HLH	grlm	LongRunHighGrayLevelEmphasis	306.1201654
wavelet-HLH	grlm	RunPercentage	0.857829075
wavelet-HLH	grlm	LongRunLowGrayLevelEmphasis	0.012483742
wavelet-HLH	grlm	RunEntropy	4.131165139
wavelet-HLH	grlm	HighGrayLevelRunEmphasis	193.9593719
wavelet-HLH	grlm	RunLengthNonUniformityNormalized	0.772217124
wavelet-HLH	glszm	GrayLevelVariance	19.67748558

wavelet-HLH	glszm	ZoneVariance	357.7342073
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.070221118
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.398553918
wavelet-HLH	glszm	SizeZoneNonUniformity	125.943038
wavelet-HLH	glszm	GrayLevelNonUniformity	22.18987342
wavelet-HLH	glszm	LargeAreaEmphasis	371.0474684
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	135.3647948
wavelet-HLH	glszm	ZonePercentage	0.27406765
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	2.071704583
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	67595.32911
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	203.3829114
wavelet-HLH	glszm	SmallAreaEmphasis	0.654896937
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.01215392
wavelet-HLH	glszm	ZoneEntropy	5.591625514
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.007455259
wavelet-HLH	ngtdm	Coarseness	0.006452396
wavelet-HLH	ngtdm	Complexity	493.6602129
wavelet-HLH	ngtdm	Strength	1.184926635
wavelet-HLH	ngtdm	Contrast	0.063045918
wavelet-HLH	ngtdm	Busyness	0.352727817



Image type	Feature Class	Feature Name	
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			{'distances': [1], 'additionalInfo': True, 'force2D': False, 'interpolator': 'sitkBSpline', 'resampledPixelSpacing': [3.0], 'label': 1, 'normalizeScale': 1, 'normalize': False, 'force2Ddimension': 0, 'removeOutliers': None, 'minimumROISize': None, u'binWidth': 25.0, 'minimumROIDimensions': 1, u'correctMask': True, 'preCrop': False, u'symmetricalGLCM': True, 'resegmentRange': None, 'padDistance': 5}
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general	info	MaskHash	9180df2548342cf49f501a8d6f534532bd2cbdbb
general	info	NumpyVersion	1.13.1
general	info	PyWaveletVersion	0.5.2
general	info	SimpleITKVersion	1.1.0
general	info	Version	1.3.0.post102+g1b0eb74
general	info	VolumeNum	4
general	info	VoxelNum	1089
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original	shape	Maximum2DDiameterSlice	69.0651866
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original	shape	MinorAxis	66.72932651
original	shape	Elongation	0.646844922
original	shape	SurfaceVolumeRatio	0.333479967
original	shape	Volume	29403
original	shape	MajorAxis	103.1612436
original	shape	SurfaceArea	9805.311466
original	shape	Flatness	0.448800888
original	shape	LeastAxis	46.29885771
original	shape	Maximum2DDiameterColumn	101.8675611
original	shape	Maximum2DDiameterRow	113.0884609
original	gldm	GrayLevelVariance	59.855132
original	gldm	HighGrayLevelEmphasis	1433.20753
original	gldm	DependenceEntropy	6.296752401
original	gldm	DependenceNonUniformity	106.6639118
original	gldm	GrayLevelNonUniformity	172.6271809
original	gldm	SmallDependenceEmphasis	0.254249565
original	gldm	SmallDependenceHighGrayLevelEmphasis	275.4892261
original	gldm	DependenceNonUniformityNormalized	0.097946659
original	gldm	LargeDependenceEmphasis	46.48576676
original	gldm	LargeDependenceLowGrayLevelEmphasis	0.037827551
original	gldm	DependenceVariance	16.88377388
original	gldm	LargeDependenceHighGrayLevelEmphasis	76216.80349
original	gldm	SmallDependenceLowGrayLevelEmphasis	0.00155343
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original	glcm	JointAverage	37.21387013
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original	glcm	JointEntropy	6.066972731
original	glcm	ClusterShade	-6525.873742
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original	glcm	Contrast	63.64568424
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original	glcm	InverseVariance	0.358383083
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original	glcm	Idn	0.93617287
original	glcm	Idm	0.446107717
original	glcm	Correlation	0.492695376
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original	glcm	ClusterProminence	330276.5587
original	glcm	Imc2	0.868997251
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original	glcm	ClusterTendency	185.9477336
original	firstorder	InterquartileRange	78
original	firstorder	Skewness	-2.784055265
original	firstorder	Uniformity	0.158518991
original	firstorder	Median	9
original	firstorder	Energy	44732376
original	firstorder	RobustMeanAbsoluteDeviation	42.43372698
original	firstorder	MeanAbsoluteDeviation	119.3214388
original	firstorder	TotalEnergy	1207774152
original	firstorder	Maximum	222
original	firstorder	RootMeanSquared	202.6735355
original	firstorder	90Percentile	43
original	firstorder	Minimum	-966
original	firstorder	Entropy	3.495992692
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original	firstorder	Kurtosis	10.30887488
original	firstorder	Mean	-61.70615243
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original	glrlm	GrayLevelVariance	68.30775173
original	glrlm	LowGrayLevelRunEmphasis	0.004141447
original	glrlm	GrayLevelNonUniformityNormalized	0.130987187
original	glrlm	RunVariance	0.274375678
original	glrlm	GrayLevelNonUniformity	118.4027089
original	glrlm	LongRunEmphasis	1.733952227
original	glrlm	ShortRunHighGrayLevelEmphasis	1188.215189
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original	glrlm	LongRunHighGrayLevelEmphasis	2587.415341
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original	glrlm	RunEntropy	4.389794054
original	glrlm	HighGrayLevelRunEmphasis	1394.301972
original	glrlm	RunLengthNonUniformityNormalized	0.718276489

original	glszm	GrayLevelVariance	114.9149153
original	glszm	ZoneVariance	152.2319162
original	glszm	GrayLevelNonUniformityNormalized	0.051050793
original	glszm	SizeZoneNonUniformityNormalized	0.511636657
original	glszm	SizeZoneNonUniformity	156.0491803
original	glszm	GrayLevelNonUniformity	15.5704918
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original	glszm	SmallAreaHighGrayLevelEmphasis	748.450774
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original	glszm	LargeAreaHighGrayLevelEmphasis	270117.8459
original	glszm	HighGrayLevelZoneEmphasis	1082.022951
original	glszm	SmallAreaEmphasis	0.741975493
original	glszm	LowGrayLevelZoneEmphasis	0.007496626
original	glszm	ZoneEntropy	6.00373769
original	glszm	SmallAreaLowGrayLevelEmphasis	0.004489184
original	ngtdm	Coarseness	0.004155115
original	ngtdm	Complexity	2963.59095
original	ngtdm	Strength	12.68055344
original	ngtdm	Contrast	0.162131965
original	ngtdm	Busyness	0.083448514
wavelet-HHH	gldm	GrayLevelVariance	4.666258545
wavelet-HHH	gldm	HighGrayLevelEmphasis	137.4977043
wavelet-HHH	gldm	DependenceEntropy	5.750789241
wavelet-HHH	gldm	DependenceNonUniformity	102.4802571
wavelet-HHH	gldm	GrayLevelNonUniformity	233.7640037
wavelet-HHH	gldm	SmallDependenceEmphasis	0.198015931
wavelet-HHH	gldm	SmallDependenceHighGrayLevelEmphasis	29.85486643
wavelet-HHH	gldm	DependenceNonUniformityNormalized	0.094104919
wavelet-HHH	gldm	LargeDependenceEmphasis	39.83746556
wavelet-HHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.308836002
wavelet-HHH	gldm	DependenceVariance	11.9291909
wavelet-HHH	gldm	LargeDependenceHighGrayLevelEmphasis	5279.012856
wavelet-HHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.003244412
wavelet-HHH	gldm	LowGrayLevelEmphasis	0.009842672
wavelet-HHH	glcm	JointAverage	11.50541377
wavelet-HHH	glcm	SumAverage	23.01082753
wavelet-HHH	glcm	JointEntropy	5.4234757
wavelet-HHH	glcm	ClusterShade	7.673701225
wavelet-HHH	glcm	MaximumProbability	0.126822601
wavelet-HHH	glcm	Idmn	0.986388815
wavelet-HHH	glcm	JointEnergy	0.056616048
wavelet-HHH	glcm	Contrast	10.3086114
wavelet-HHH	glcm	DifferenceEntropy	2.664177055
wavelet-HHH	glcm	InverseVariance	0.400445096
wavelet-HHH	glcm	DifferenceVariance	6.221932837
wavelet-HHH	glcm	Idn	0.934493668
wavelet-HHH	glcm	Idm	0.464304594
wavelet-HHH	glcm	Correlation	-0.03499033
wavelet-HHH	glcm	Autocorrelation	132.2060097
wavelet-HHH	glcm	SumEntropy	3.356138401
wavelet-HHH	glcm	SumSquares	4.985625839
wavelet-HHH	glcm	ClusterProminence	831.0352322
wavelet-HHH	glcm	Imc2	0.65747564
wavelet-HHH	glcm	Imc1	-0.099880354

wavelet-HHH	glcm	DifferenceAverage	2.009302547
wavelet-HHH	glcm	Id	0.516852609
wavelet-HHH	glcm	ClusterTendency	9.633891959
wavelet-HHH	firstorder	InterquartileRange	33.5106831
wavelet-HHH	firstorder	Skewness	0.378044551
wavelet-HHH	firstorder	Uniformity	0.214659324
wavelet-HHH	firstorder	Median	-0.533715441
wavelet-HHH	firstorder	Energy	3124513.581
wavelet-HHH	firstorder	RobustMeanAbsoluteDeviation	16.01293863
wavelet-HHH	firstorder	MeanAbsoluteDeviation	33.02856013
wavelet-HHH	firstorder	TotalEnergy	84361866.67
wavelet-HHH	firstorder	Maximum	356.0010349
wavelet-HHH	firstorder	RootMeanSquared	53.56452629
wavelet-HHH	firstorder	90Percentile	49.70557777
wavelet-HHH	firstorder	Minimum	-270.220201
wavelet-HHH	firstorder	Entropy	2.816131646
wavelet-HHH	firstorder	Range	626.221236
wavelet-HHH	firstorder	Variance	2868.862498
wavelet-HHH	firstorder	10Percentile	-49.63158752
wavelet-HHH	firstorder	Kurtosis	9.537083359
wavelet-HHH	firstorder	Mean	0.544038469
wavelet-HHH	glrlm	ShortRunLowGrayLevelEmphasis	0.009274577
wavelet-HHH	glrlm	GrayLevelVariance	5.406817812
wavelet-HHH	glrlm	LowGrayLevelRunEmphasis	0.010247861
wavelet-HHH	glrlm	GrayLevelNonUniformityNormalized	0.188556148
wavelet-HHH	glrlm	RunVariance	0.250324965
wavelet-HHH	glrlm	GrayLevelNonUniformity	171.5798888
wavelet-HHH	glrlm	LongRunEmphasis	1.687419703
wavelet-HHH	glrlm	ShortRunHighGrayLevelEmphasis	121.7795446
wavelet-HHH	glrlm	RunLengthNonUniformity	659.4121274
wavelet-HHH	glrlm	ShortRunEmphasis	0.875491648
wavelet-HHH	glrlm	LongRunHighGrayLevelEmphasis	229.6239965
wavelet-HHH	glrlm	RunPercentage	0.835275835
wavelet-HHH	glrlm	LongRunLowGrayLevelEmphasis	0.015601991
wavelet-HHH	glrlm	RunEntropy	3.666393234
wavelet-HHH	glrlm	HighGrayLevelRunEmphasis	138.3855114
wavelet-HHH	glrlm	RunLengthNonUniformityNormalized	0.723961465
wavelet-HHH	glszm	GrayLevelVariance	15.06130699
wavelet-HHH	glszm	ZoneVariance	259.1192388
wavelet-HHH	glszm	GrayLevelNonUniformityNormalized	0.085295856
wavelet-HHH	glszm	SizeZoneNonUniformityNormalized	0.431933029
wavelet-HHH	glszm	SizeZoneNonUniformity	98.91266376
wavelet-HHH	glszm	GrayLevelNonUniformity	19.53275109
wavelet-HHH	glszm	LargeAreaEmphasis	281.7336245
wavelet-HHH	glszm	SmallAreaHighGrayLevelEmphasis	106.4065961
wavelet-HHH	glszm	ZonePercentage	0.210284665
wavelet-HHH	glszm	LargeAreaLowGrayLevelEmphasis	2.177202895
wavelet-HHH	glszm	LargeAreaHighGrayLevelEmphasis	37080.28384
wavelet-HHH	glszm	HighGrayLevelZoneEmphasis	149.580786
wavelet-HHH	glszm	SmallAreaEmphasis	0.682484999
wavelet-HHH	glszm	LowGrayLevelZoneEmphasis	0.016553761
wavelet-HHH	glszm	ZoneEntropy	5.402914099
wavelet-HHH	glszm	SmallAreaLowGrayLevelEmphasis	0.013072907
wavelet-HHH	ngtdm	Coarseness	0.006390156
wavelet-HHH	ngtdm	Complexity	331.5806898

wavelet-HHH	ngtdm	Strength	1.537601796
wavelet-HHH	ngtdm	Contrast	0.026970961
wavelet-HHH	ngtdm	Busyness	0.386443213
wavelet-HLL	gldm	GrayLevelVariance	28.06049138
wavelet-HLL	gldm	HighGrayLevelEmphasis	538.2644628
wavelet-HLL	gldm	DependenceEntropy	6.627170123
wavelet-HLL	gldm	DependenceNonUniformity	136.0982553
wavelet-HLL	gldm	GrayLevelNonUniformity	116.0523416
wavelet-HLL	gldm	SmallDependenceEmphasis	0.281843277
wavelet-HLL	gldm	SmallDependenceHighGrayLevelEmphasis	162.5945831
wavelet-HLL	gldm	DependenceNonUniformityNormalized	0.124975441
wavelet-HLL	gldm	LargeDependenceEmphasis	28.49678604
wavelet-HLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.063597036
wavelet-HLL	gldm	DependenceVariance	10.20918594
wavelet-HLL	gldm	LargeDependenceHighGrayLevelEmphasis	15378.52342
wavelet-HLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001986346
wavelet-HLL	gldm	LowGrayLevelEmphasis	0.005021883
wavelet-HLL	glcm	JointAverage	22.53214137
wavelet-HLL	glcm	SumAverage	45.06428274
wavelet-HLL	glcm	JointEntropy	6.987339774
wavelet-HLL	glcm	ClusterShade	310.4531338
wavelet-HLL	glcm	MaximumProbability	0.069588717
wavelet-HLL	glcm	Idmn	0.988621134
wavelet-HLL	glcm	JointEnergy	0.021183122
wavelet-HLL	glcm	Contrast	35.21592987
wavelet-HLL	glcm	DifferenceEntropy	3.341599862
wavelet-HLL	glcm	InverseVariance	0.3262956
wavelet-HLL	glcm	DifferenceVariance	22.07083307
wavelet-HLL	glcm	Idn	0.942391036
wavelet-HLL	glcm	Idm	0.366091453
wavelet-HLL	glcm	Correlation	0.308572556
wavelet-HLL	glcm	Autocorrelation	516.0687139
wavelet-HLL	glcm	SumEntropy	4.557660984
wavelet-HLL	glcm	SumSquares	25.97576253
wavelet-HLL	glcm	ClusterProminence	47334.57942
wavelet-HLL	glcm	Imc2	0.887748747
wavelet-HLL	glcm	Imc1	-0.203378723
wavelet-HLL	glcm	DifferenceAverage	3.573742289
wavelet-HLL	glcm	Id	0.43002459
wavelet-HLL	glcm	ClusterTendency	68.68712026
wavelet-HLL	firstorder	InterquartileRange	77.84326111
wavelet-HLL	firstorder	Skewness	0.347356943
wavelet-HLL	firstorder	Uniformity	0.106567807
wavelet-HLL	firstorder	Median	-12.66659492
wavelet-HLL	firstorder	Energy	19535600.84
wavelet-HLL	firstorder	RobustMeanAbsoluteDeviation	37.7412215
wavelet-HLL	firstorder	MeanAbsoluteDeviation	80.03964112
wavelet-HLL	firstorder	TotalEnergy	527461222.7
wavelet-HLL	firstorder	Maximum	731.7358356
wavelet-HLL	firstorder	RootMeanSquared	133.9366544
wavelet-HLL	firstorder	90Percentile	79.68655771
wavelet-HLL	firstorder	Minimum	-555.0241322
wavelet-HLL	firstorder	Entropy	3.956822382
wavelet-HLL	firstorder	Range	1286.759968
wavelet-HLL	firstorder	Variance	17421.74359

wavelet-HLL	firstorder	10Percentile	-160.7618472
wavelet-HLL	firstorder	Kurtosis	9.320230145
wavelet-HLL	firstorder	Mean	-22.74387417
wavelet-HLL	glrlm	ShortRunLowGrayLevelEmphasis	0.005110487
wavelet-HLL	glrlm	GrayLevelVariance	31.39536209
wavelet-HLL	glrlm	LowGrayLevelRunEmphasis	0.005368237
wavelet-HLL	glrlm	GrayLevelNonUniformityNormalized	0.093467876
wavelet-HLL	glrlm	RunVariance	0.193925584
wavelet-HLL	glrlm	GrayLevelNonUniformity	89.06105891
wavelet-HLL	glrlm	LongRunEmphasis	1.511437536
wavelet-HLL	glrlm	ShortRunHighGrayLevelEmphasis	490.1799776
wavelet-HLL	glrlm	RunLengthNonUniformity	754.1528156
wavelet-HLL	glrlm	ShortRunEmphasis	0.90847988
wavelet-HLL	glrlm	LongRunHighGrayLevelEmphasis	812.3684587
wavelet-HLL	glrlm	RunPercentage	0.873984601
wavelet-HLL	glrlm	LongRunLowGrayLevelEmphasis	0.006671423
wavelet-HLL	glrlm	RunEntropy	4.634375415
wavelet-HLL	glrlm	HighGrayLevelRunEmphasis	538.9249674
wavelet-HLL	glrlm	RunLengthNonUniformityNormalized	0.790013639
wavelet-HLL	glszm	GrayLevelVariance	67.31272653
wavelet-HLL	glszm	ZoneVariance	64.39044082
wavelet-HLL	glszm	GrayLevelNonUniformityNormalized	0.041828571
wavelet-HLL	glszm	SizeZoneNonUniformityNormalized	0.441632653
wavelet-HLL	glszm	SizeZoneNonUniformity	154.5714286
wavelet-HLL	glszm	GrayLevelNonUniformity	14.64
wavelet-HLL	glszm	LargeAreaEmphasis	74.07142857
wavelet-HLL	glszm	SmallAreaHighGrayLevelEmphasis	410.8016681
wavelet-HLL	glszm	ZonePercentage	0.321395776
wavelet-HLL	glszm	LargeAreaLowGrayLevelEmphasis	0.154648921
wavelet-HLL	glszm	LargeAreaHighGrayLevelEmphasis	40130.55429
wavelet-HLL	glszm	HighGrayLevelZoneEmphasis	567.6657143
wavelet-HLL	glszm	SmallAreaEmphasis	0.690633386
wavelet-HLL	glszm	LowGrayLevelZoneEmphasis	0.008086254
wavelet-HLL	glszm	ZoneEntropy	6.365437456
wavelet-HLL	glszm	SmallAreaLowGrayLevelEmphasis	0.00498273
wavelet-HLL	ngtdm	Coarseness	0.007805371
wavelet-HLL	ngtdm	Complexity	2380.638222
wavelet-HLL	ngtdm	Strength	9.314273996
wavelet-HLL	ngtdm	Contrast	0.059886893
wavelet-HLL	ngtdm	Busyness	0.078384804
wavelet-LHL	gldm	GrayLevelVariance	46.18312518
wavelet-LHL	gldm	HighGrayLevelEmphasis	1121.288338
wavelet-LHL	gldm	DependenceEntropy	6.564233085
wavelet-LHL	gldm	DependenceNonUniformity	159.4775023
wavelet-LHL	gldm	GrayLevelNonUniformity	109.4003673
wavelet-LHL	gldm	SmallDependenceEmphasis	0.333031941
wavelet-LHL	gldm	SmallDependenceHighGrayLevelEmphasis	392.9614638
wavelet-LHL	gldm	DependenceNonUniformityNormalized	0.146443987
wavelet-LHL	gldm	LargeDependenceEmphasis	24.16437098
wavelet-LHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.023369557
wavelet-LHL	gldm	DependenceVariance	9.140738717
wavelet-LHL	gldm	LargeDependenceHighGrayLevelEmphasis	26610.46556
wavelet-LHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001348514
wavelet-LHL	gldm	LowGrayLevelEmphasis	0.002012288
wavelet-LHL	glcm	JointAverage	32.9059747

wavelet-LHL	glcm	SumAverage	65.8119494
wavelet-LHL	glcm	JointEntropy	7.24054348
wavelet-LHL	glcm	ClusterShade	1004.073114
wavelet-LHL	glcm	MaximumProbability	0.07096316
wavelet-LHL	glcm	Idmn	0.986925086
wavelet-LHL	glcm	JointEnergy	0.019680167
wavelet-LHL	glcm	Contrast	72.26453911
wavelet-LHL	glcm	DifferenceEntropy	3.673726665
wavelet-LHL	glcm	InverseVariance	0.303484333
wavelet-LHL	glcm	DifferenceVariance	47.49295964
wavelet-LHL	glcm	Idn	0.941630208
wavelet-LHL	glcm	Idm	0.332009135
wavelet-LHL	glcm	Correlation	0.212356456
wavelet-LHL	glcm	Autocorrelation	1092.082075
wavelet-LHL	glcm	SumEntropy	4.754404961
wavelet-LHL	glcm	SumSquares	45.40821769
wavelet-LHL	glcm	ClusterProminence	103156.4434
wavelet-LHL	glcm	Imc2	0.922051497
wavelet-LHL	glcm	Imc1	-0.234101587
wavelet-LHL	glcm	DifferenceAverage	4.871353944
wavelet-LHL	glcm	Id	0.396380566
wavelet-LHL	glcm	ClusterTendency	109.3683317
wavelet-LHL	firstorder	InterquartileRange	79.83519218
wavelet-LHL	firstorder	Skewness	0.749777552
wavelet-LHL	firstorder	Uniformity	0.100459474
wavelet-LHL	firstorder	Median	-13.09709091
wavelet-LHL	firstorder	Energy	31816527.87
wavelet-LHL	firstorder	RobustMeanAbsoluteDeviation	41.15907986
wavelet-LHL	firstorder	MeanAbsoluteDeviation	98.05552955
wavelet-LHL	firstorder	TotalEnergy	859046252.5
wavelet-LHL	firstorder	Maximum	915.699223
wavelet-LHL	firstorder	RootMeanSquared	170.9277012
wavelet-LHL	firstorder	90Percentile	111.0365699
wavelet-LHL	firstorder	Minimum	-824.7352863
wavelet-LHL	firstorder	Entropy	4.154362483
wavelet-LHL	firstorder	Range	1740.434509
wavelet-LHL	firstorder	Variance	28908.16751
wavelet-LHL	firstorder	10Percentile	-187.3664299
wavelet-LHL	firstorder	Kurtosis	8.561829303
wavelet-LHL	firstorder	Mean	-17.55310591
wavelet-LHL	glrlm	ShortRunLowGrayLevelEmphasis	0.002071096
wavelet-LHL	glrlm	GrayLevelVariance	51.04677848
wavelet-LHL	glrlm	LowGrayLevelRunEmphasis	0.002147905
wavelet-LHL	glrlm	GrayLevelNonUniformityNormalized	0.087040731
wavelet-LHL	glrlm	RunVariance	0.161034677
wavelet-LHL	glrlm	GrayLevelNonUniformity	84.42884768
wavelet-LHL	glrlm	LongRunEmphasis	1.432824465
wavelet-LHL	glrlm	ShortRunHighGrayLevelEmphasis	1034.837643
wavelet-LHL	glrlm	RunLengthNonUniformity	787.1277747
wavelet-LHL	glrlm	ShortRunEmphasis	0.918737173
wavelet-LHL	glrlm	LongRunHighGrayLevelEmphasis	1599.608957
wavelet-LHL	glrlm	RunPercentage	0.889383344
wavelet-LHL	glrlm	LongRunLowGrayLevelEmphasis	0.002553676
wavelet-LHL	glrlm	RunEntropy	4.774387704
wavelet-LHL	glrlm	HighGrayLevelRunEmphasis	1124.149869

wavelet-LHL	glrlm	RunLengthNonUniformityNormalized	0.810537095
wavelet-LHL	glszm	GrayLevelVariance	96.32235828
wavelet-LHL	glszm	ZoneVariance	45.23185374
wavelet-LHL	glszm	GrayLevelNonUniformityNormalized	0.038106576
wavelet-LHL	glszm	SizeZoneNonUniformityNormalized	0.478231293
wavelet-LHL	glszm	SizeZoneNonUniformity	200.8571429
wavelet-LHL	glszm	GrayLevelNonUniformity	16.0047619
wavelet-LHL	glszm	LargeAreaEmphasis	51.9547619
wavelet-LHL	glszm	SmallAreaHighGrayLevelEmphasis	861.643543
wavelet-LHL	glszm	ZonePercentage	0.385674931
wavelet-LHL	glszm	LargeAreaLowGrayLevelEmphasis	0.05051009
wavelet-LHL	glszm	LargeAreaHighGrayLevelEmphasis	57069.71667
wavelet-LHL	glszm	HighGrayLevelZoneEmphasis	1165.92381
wavelet-LHL	glszm	SmallAreaEmphasis	0.718020967
wavelet-LHL	glszm	LowGrayLevelZoneEmphasis	0.003662958
wavelet-LHL	glszm	ZoneEntropy	6.397764633
wavelet-LHL	glszm	SmallAreaLowGrayLevelEmphasis	0.003340472
wavelet-LHL	ngtdm	Coarseness	0.007763398
wavelet-LHL	ngtdm	Complexity	4159.199481
wavelet-LHL	ngtdm	Strength	10.2139766
wavelet-LHL	ngtdm	Contrast	0.104417951
wavelet-LHL	ngtdm	Busyness	0.049028276
wavelet-LHH	gldm	GrayLevelVariance	24.51153154
wavelet-LHH	gldm	HighGrayLevelEmphasis	1152.213039
wavelet-LHH	gldm	DependenceEntropy	6.246039945
wavelet-LHH	gldm	DependenceNonUniformity	159.697888
wavelet-LHH	gldm	GrayLevelNonUniformity	136.0780533
wavelet-LHH	gldm	SmallDependenceEmphasis	0.342045413
wavelet-LHH	gldm	SmallDependenceHighGrayLevelEmphasis	408.6056839
wavelet-LHH	gldm	DependenceNonUniformityNormalized	0.146646362
wavelet-LHH	gldm	LargeDependenceEmphasis	26.44168962
wavelet-LHH	gldm	LargeDependenceLowGrayLevelEmphasis	0.025100854
wavelet-LHH	gldm	DependenceVariance	10.62481734
wavelet-LHH	gldm	LargeDependenceHighGrayLevelEmphasis	29474.34343
wavelet-LHH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001518543
wavelet-LHH	gldm	LowGrayLevelEmphasis	0.00212161
wavelet-LHH	glcm	JointAverage	33.59255015
wavelet-LHH	glcm	SumAverage	67.1851003
wavelet-LHH	glcm	JointEntropy	6.957941606
wavelet-LHH	glcm	ClusterShade	-216.1110243
wavelet-LHH	glcm	MaximumProbability	0.086456468
wavelet-LHH	glcm	Idmn	0.984618399
wavelet-LHH	glcm	JointEnergy	0.02530267
wavelet-LHH	glcm	Contrast	51.74943058
wavelet-LHH	glcm	DifferenceEntropy	3.560211599
wavelet-LHH	glcm	InverseVariance	0.306545716
wavelet-LHH	glcm	DifferenceVariance	32.93915415
wavelet-LHH	glcm	Idn	0.934080054
wavelet-LHH	glcm	Idm	0.340147462
wavelet-LHH	glcm	Correlation	-0.019539086
wavelet-LHH	glcm	Autocorrelation	1127.960117
wavelet-LHH	glcm	SumEntropy	4.353518399
wavelet-LHH	glcm	SumSquares	25.37496264
wavelet-LHH	glcm	ClusterProminence	24656.38832
wavelet-LHH	glcm	Imc2	0.864031346



wavelet-LHH	glcm	Imc1	-0.182415183
wavelet-LHH	glcm	DifferenceAverage	4.276502489
wavelet-LHH	glcm	Id	0.405167812
wavelet-LHH	glcm	ClusterTendency	49.75041997
wavelet-LHH	firstorder	InterquartileRange	62.35857772
wavelet-LHH	firstorder	Skewness	-0.732530448
wavelet-LHH	firstorder	Uniformity	0.12495689
wavelet-LHH	firstorder	Median	-0.034212751
wavelet-LHH	firstorder	Energy	16683475.4
wavelet-LHH	firstorder	RobustMeanAbsoluteDeviation	31.68118964
wavelet-LHH	firstorder	MeanAbsoluteDeviation	72.40370189
wavelet-LHH	firstorder	TotalEnergy	450453835.7
wavelet-LHH	firstorder	Maximum	520.8573678
wavelet-LHH	firstorder	RootMeanSquared	123.7739705
wavelet-LHH	firstorder	90Percentile	117.8313456
wavelet-LHH	firstorder	Minimum	-810.5021695
wavelet-LHH	firstorder	Entropy	3.813770324
wavelet-LHH	firstorder	Range	1331.359537
wavelet-LHH	firstorder	Variance	15316.41373
wavelet-LHH	firstorder	10Percentile	-98.35692814
wavelet-LHH	firstorder	Kurtosis	9.982916985
wavelet-LHH	firstorder	Mean	1.892628987
wavelet-LHH	glrlm	ShortRunLowGrayLevelEmphasis	0.002204479
wavelet-LHH	glrlm	GrayLevelVariance	27.34802939
wavelet-LHH	glrlm	LowGrayLevelRunEmphasis	0.002280825
wavelet-LHH	glrlm	GrayLevelNonUniformityNormalized	0.106947613
wavelet-LHH	glrlm	RunVariance	0.168150339
wavelet-LHH	glrlm	GrayLevelNonUniformity	103.2517451
wavelet-LHH	glrlm	LongRunEmphasis	1.449036089
wavelet-LHH	glrlm	ShortRunHighGrayLevelEmphasis	1062.131217
wavelet-LHH	glrlm	RunLengthNonUniformity	776.1590957
wavelet-LHH	glrlm	ShortRunEmphasis	0.915682082
wavelet-LHH	glrlm	LongRunHighGrayLevelEmphasis	1658.24641
wavelet-LHH	glrlm	RunPercentage	0.88549834
wavelet-LHH	glrlm	LongRunLowGrayLevelEmphasis	0.002687302
wavelet-LHH	glrlm	RunEntropy	4.457016629
wavelet-LHH	glrlm	HighGrayLevelRunEmphasis	1156.604894
wavelet-LHH	glrlm	RunLengthNonUniformityNormalized	0.803455799
wavelet-LHH	glszm	GrayLevelVariance	54.85645953
wavelet-LHH	glszm	ZoneVariance	61.94537091
wavelet-LHH	glszm	GrayLevelNonUniformityNormalized	0.047542934
wavelet-LHH	glszm	SizeZoneNonUniformityNormalized	0.528465969
wavelet-LHH	glszm	SizeZoneNonUniformity	217.1995134
wavelet-LHH	glszm	GrayLevelNonUniformity	19.54014599
wavelet-LHH	glszm	LargeAreaEmphasis	68.96593674
wavelet-LHH	glszm	SmallAreaHighGrayLevelEmphasis	910.1068464
wavelet-LHH	glszm	ZonePercentage	0.377410468
wavelet-LHH	glszm	LargeAreaLowGrayLevelEmphasis	0.065319036
wavelet-LHH	glszm	LargeAreaHighGrayLevelEmphasis	76932.12652
wavelet-LHH	glszm	HighGrayLevelZoneEmphasis	1196.671533
wavelet-LHH	glszm	SmallAreaEmphasis	0.754565581
wavelet-LHH	glszm	LowGrayLevelZoneEmphasis	0.004113932
wavelet-LHH	glszm	ZoneEntropy	6.004667399
wavelet-LHH	glszm	SmallAreaLowGrayLevelEmphasis	0.003880527
wavelet-LHH	ngtdm	Coarseness	0.007613626

wavelet-LHH	ngtdm	Complexity	2546.306848
wavelet-LHH	ngtdm	Strength	6.189659114
wavelet-LHH	ngtdm	Contrast	0.075066778
wavelet-LHH	ngtdm	Busyness	0.057441326
wavelet-LLH	gldm	GrayLevelVariance	81.63466538
wavelet-LLH	gldm	HighGrayLevelEmphasis	2035.534435
wavelet-LLH	gldm	DependenceEntropy	6.841646492
wavelet-LLH	gldm	DependenceNonUniformity	246.7208448
wavelet-LLH	gldm	GrayLevelNonUniformity	62.64738292
wavelet-LLH	gldm	SmallDependenceEmphasis	0.454845133
wavelet-LLH	gldm	SmallDependenceHighGrayLevelEmphasis	984.3866668
wavelet-LLH	gldm	DependenceNonUniformityNormalized	0.22655725
wavelet-LLH	gldm	LargeDependenceEmphasis	13.29017447
wavelet-LLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.007903431
wavelet-LLH	gldm	DependenceVariance	5.389377539
wavelet-LLH	gldm	LargeDependenceHighGrayLevelEmphasis	26328.36455
wavelet-LLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.00120507
wavelet-LLH	gldm	LowGrayLevelEmphasis	0.00151556
wavelet-LLH	glcm	JointAverage	43.92454573
wavelet-LLH	glcm	SumAverage	87.84909147
wavelet-LLH	glcm	JointEntropy	8.448114985
wavelet-LLH	glcm	ClusterShade	943.3858987
wavelet-LLH	glcm	MaximumProbability	0.034294371
wavelet-LLH	glcm	Idmn	0.979357128
wavelet-LLH	glcm	JointEnergy	0.006784744
wavelet-LLH	glcm	Contrast	149.3829922
wavelet-LLH	glcm	DifferenceEntropy	4.308535414
wavelet-LLH	glcm	InverseVariance	0.219173394
wavelet-LLH	glcm	DifferenceVariance	86.71447912
wavelet-LLH	glcm	Idn	0.9206637
wavelet-LLH	glcm	Idm	0.227859554
wavelet-LLH	glcm	Correlation	0.10453238
wavelet-LLH	glcm	Autocorrelation	1938.388803
wavelet-LLH	glcm	SumEntropy	5.476100327
wavelet-LLH	glcm	SumSquares	83.69859664
wavelet-LLH	glcm	ClusterProminence	181117.1212
wavelet-LLH	glcm	Imc2	0.950441293
wavelet-LLH	glcm	Imc1	-0.247019384
wavelet-LLH	glcm	DifferenceAverage	7.667466512
wavelet-LLH	glcm	Id	0.299858243
wavelet-LLH	glcm	ClusterTendency	185.4113943
wavelet-LLH	firstorder	InterquartileRange	149.9096246
wavelet-LLH	firstorder	Skewness	0.340583044
wavelet-LLH	firstorder	Uniformity	0.057527441
wavelet-LLH	firstorder	Median	-28.34313908
wavelet-LLH	firstorder	Energy	56763870.93
wavelet-LLH	firstorder	RobustMeanAbsoluteDeviation	76.76066664
wavelet-LLH	firstorder	MeanAbsoluteDeviation	148.7829335
wavelet-LLH	firstorder	TotalEnergy	1532624515
wavelet-LLH	firstorder	Maximum	843.1413562
wavelet-LLH	firstorder	RootMeanSquared	228.3084902
wavelet-LLH	firstorder	90Percentile	246.7482036
wavelet-LLH	firstorder	Minimum	-1121.156297
wavelet-LLH	firstorder	Entropy	4.812290336
wavelet-LLH	firstorder	Range	1964.297653

wavelet-LLH	firstorder	Variance	51065.53746
wavelet-LLH	firstorder	10Percentile	-326.0668032
wavelet-LLH	firstorder	Kurtosis	5.267790094
wavelet-LLH	firstorder	Mean	-32.5458021
wavelet-LLH	glrlm	ShortRunLowGrayLevelEmphasis	0.001562304
wavelet-LLH	glrlm	GrayLevelVariance	86.4019057
wavelet-LLH	glrlm	LowGrayLevelRunEmphasis	0.00159006
wavelet-LLH	glrlm	GrayLevelNonUniformityNormalized	0.05224724
wavelet-LLH	glrlm	RunVariance	0.089566709
wavelet-LLH	glrlm	GrayLevelNonUniformity	52.98293806
wavelet-LLH	glrlm	LongRunEmphasis	1.249200846
wavelet-LLH	glrlm	ShortRunHighGrayLevelEmphasis	1940.652765
wavelet-LLH	glrlm	RunLengthNonUniformity	887.9184714
wavelet-LLH	glrlm	ShortRunEmphasis	0.948421808
wavelet-LLH	glrlm	LongRunHighGrayLevelEmphasis	2528.702682
wavelet-LLH	glrlm	RunPercentage	0.930352476
wavelet-LLH	glrlm	LongRunLowGrayLevelEmphasis	0.001723834
wavelet-LLH	glrlm	RunEntropy	5.213401042
wavelet-LLH	glrlm	HighGrayLevelRunEmphasis	2041.623071
wavelet-LLH	glrlm	RunLengthNonUniformityNormalized	0.874772977
wavelet-LLH	glszm	GrayLevelVariance	127.3072183
wavelet-LLH	glszm	ZoneVariance	10.01604034
wavelet-LLH	glszm	GrayLevelNonUniformityNormalized	0.030196142
wavelet-LLH	glszm	SizeZoneNonUniformityNormalized	0.532297659
wavelet-LLH	glszm	SizeZoneNonUniformity	302.3450704
wavelet-LLH	glszm	GrayLevelNonUniformity	17.15140845
wavelet-LLH	glszm	LargeAreaEmphasis	13.69190141
wavelet-LLH	glszm	SmallAreaHighGrayLevelEmphasis	1669.186894
wavelet-LLH	glszm	ZonePercentage	0.521579431
wavelet-LLH	glszm	LargeAreaLowGrayLevelEmphasis	0.008983568
wavelet-LLH	glszm	LargeAreaHighGrayLevelEmphasis	27178.04754
wavelet-LLH	glszm	HighGrayLevelZoneEmphasis	2129.869718
wavelet-LLH	glszm	SmallAreaEmphasis	0.757584761
wavelet-LLH	glszm	LowGrayLevelZoneEmphasis	0.002391505
wavelet-LLH	glszm	ZoneEntropy	6.524715844
wavelet-LLH	glszm	SmallAreaLowGrayLevelEmphasis	0.002241777
wavelet-LLH	ngtdm	Coarseness	0.00685559
wavelet-LLH	ngtdm	Complexity	7272.298682
wavelet-LLH	ngtdm	Strength	8.396703379
wavelet-LLH	ngtdm	Contrast	0.264582896
wavelet-LLH	ngtdm	Busyness	0.046491211
wavelet-LLL	gldm	GrayLevelVariance	366.779713
wavelet-LLL	gldm	HighGrayLevelEmphasis	8627.235996
wavelet-LLL	gldm	DependenceEntropy	7.08912811
wavelet-LLL	gldm	DependenceNonUniformity	273.8631772
wavelet-LLL	gldm	GrayLevelNonUniformity	44.8328742
wavelet-LLL	gldm	SmallDependenceEmphasis	0.494477703
wavelet-LLL	gldm	SmallDependenceHighGrayLevelEmphasis	3621.895518
wavelet-LLL	gldm	DependenceNonUniformityNormalized	0.251481338
wavelet-LLL	gldm	LargeDependenceEmphasis	10.39577594
wavelet-LLL	gldm	LargeDependenceLowGrayLevelEmphasis	0.002161121
wavelet-LLL	gldm	DependenceVariance	3.893041779
wavelet-LLL	gldm	LargeDependenceHighGrayLevelEmphasis	105931.6841
wavelet-LLL	gldm	SmallDependenceLowGrayLevelEmphasis	0.001158673
wavelet-LLL	gldm	LowGrayLevelEmphasis	0.001218134

wavelet-LLL	glcm	JointAverage	91.49628696
wavelet-LLL	glcm	SumAverage	182.9925739
wavelet-LLL	glcm	JointEntropy	8.673013912
wavelet-LLL	glcm	ClusterShade	-86915.36677
wavelet-LLL	glcm	MaximumProbability	0.019029978
wavelet-LLL	glcm	Idmn	0.985633549
wavelet-LLL	glcm	JointEnergy	0.004611716
wavelet-LLL	glcm	Contrast	261.9160589
wavelet-LLL	glcm	DifferenceEntropy	4.51879174
wavelet-LLL	glcm	InverseVariance	0.214762807
wavelet-LLL	glcm	DifferenceVariance	167.8506435
wavelet-LLL	glcm	Idn	0.937385847
wavelet-LLL	glcm	Idm	0.212733209
wavelet-LLL	glcm	Correlation	0.653648642
wavelet-LLL	glcm	Autocorrelation	8617.206435
wavelet-LLL	glcm	SumEntropy	5.994577411
wavelet-LLL	glcm	SumSquares	376.2705729
wavelet-LLL	glcm	ClusterProminence	10069583.45
wavelet-LLL	glcm	Imc2	0.983631191
wavelet-LLL	glcm	Imc1	-0.331062551
wavelet-LLL	glcm	DifferenceAverage	9.588788398
wavelet-LLL	glcm	Id	0.285073799
wavelet-LLL	glcm	ClusterTendency	1243.166233
wavelet-LLL	firstorder	InterquartileRange	330.5293339
wavelet-LLL	firstorder	Skewness	-2.016475159
wavelet-LLL	firstorder	Uniformity	0.041168847
wavelet-LLL	firstorder	Median	7.460696754
wavelet-LLL	firstorder	Energy	289143044.6
wavelet-LLL	firstorder	RobustMeanAbsoluteDeviation	184.7114215
wavelet-LLL	firstorder	MeanAbsoluteDeviation	345.2119936
wavelet-LLL	firstorder	TotalEnergy	7806862203
wavelet-LLL	firstorder	Maximum	736.9589481
wavelet-LLL	firstorder	RootMeanSquared	515.2789901
wavelet-LLL	firstorder	90Percentile	144.6786155
wavelet-LLL	firstorder	Minimum	-2437.037803
wavelet-LLL	firstorder	Entropy	5.308381663
wavelet-LLL	firstorder	Range	3173.996751
wavelet-LLL	firstorder	Variance	229212.8847
wavelet-LLL	firstorder	10Percentile	-899.5453788
wavelet-LLL	firstorder	Kurtosis	6.758269727
wavelet-LLL	firstorder	Mean	-190.5244154
wavelet-LLL	glrlm	ShortRunLowGrayLevelEmphasis	0.001284444
wavelet-LLL	glrlm	GrayLevelVariance	379.9492481
wavelet-LLL	glrlm	LowGrayLevelRunEmphasis	0.001289157
wavelet-LLL	glrlm	GrayLevelNonUniformityNormalized	0.038457238
wavelet-LLL	glrlm	RunVariance	0.071645739
wavelet-LLL	glrlm	GrayLevelNonUniformity	39.39510206
wavelet-LLL	glrlm	LongRunEmphasis	1.203848808
wavelet-LLL	glrlm	ShortRunHighGrayLevelEmphasis	8073.063974
wavelet-LLL	glrlm	RunLengthNonUniformity	912.4686766
wavelet-LLL	glrlm	ShortRunEmphasis	0.955618349
wavelet-LLL	glrlm	LongRunHighGrayLevelEmphasis	10610.44689
wavelet-LLL	glrlm	RunPercentage	0.940382849
wavelet-LLL	glrlm	LongRunLowGrayLevelEmphasis	0.001310543
wavelet-LLL	glrlm	RunEntropy	5.655313178

wavelet-LLL	glrlm	HighGrayLevelRunEmphasis	8525.809413
wavelet-LLL	glrlm	RunLengthNonUniformityNormalized	0.890394466
wavelet-LLL	glszm	GrayLevelVariance	482.7406536
wavelet-LLL	glszm	ZoneVariance	7.810737692
wavelet-LLL	glszm	GrayLevelNonUniformityNormalized	0.023394216
wavelet-LLL	glszm	SizeZoneNonUniformityNormalized	0.594016035
wavelet-LLL	glszm	SizeZoneNonUniformity	354.033557
wavelet-LLL	glszm	GrayLevelNonUniformity	13.94295302
wavelet-LLL	glszm	LargeAreaEmphasis	11.14932886
wavelet-LLL	glszm	SmallAreaHighGrayLevelEmphasis	5597.059165
wavelet-LLL	glszm	ZonePercentage	0.547291093
wavelet-LLL	glszm	LargeAreaLowGrayLevelEmphasis	0.003148724
wavelet-LLL	glszm	LargeAreaHighGrayLevelEmphasis	112279.5537
wavelet-LLL	glszm	HighGrayLevelZoneEmphasis	7485.285235
wavelet-LLL	glszm	SmallAreaEmphasis	0.79696355
wavelet-LLL	glszm	LowGrayLevelZoneEmphasis	0.002132675
wavelet-LLL	glszm	ZoneEntropy	6.835823691
wavelet-LLL	glszm	SmallAreaLowGrayLevelEmphasis	0.002103438
wavelet-LLL	ngtdm	Coarseness	0.006949315
wavelet-LLL	ngtdm	Complexity	25978.74088
wavelet-LLL	ngtdm	Strength	56.39603871
wavelet-LLL	ngtdm	Contrast	0.491125056
wavelet-LLL	ngtdm	Busyness	0.011185558
wavelet-HHL	gldm	GrayLevelVariance	6.838382995
wavelet-HHL	gldm	HighGrayLevelEmphasis	187.6161616
wavelet-HHL	gldm	DependenceEntropy	5.970292661
wavelet-HHL	gldm	DependenceNonUniformity	97.42056933
wavelet-HHL	gldm	GrayLevelNonUniformity	227.8539945
wavelet-HHL	gldm	SmallDependenceEmphasis	0.208988083
wavelet-HHL	gldm	SmallDependenceHighGrayLevelEmphasis	41.9473857
wavelet-HHL	gldm	DependenceNonUniformityNormalized	0.089458741
wavelet-HHL	gldm	LargeDependenceEmphasis	47.15059688
wavelet-HHL	gldm	LargeDependenceLowGrayLevelEmphasis	0.266585846
wavelet-HHL	gldm	DependenceVariance	15.16424956
wavelet-HHL	gldm	LargeDependenceHighGrayLevelEmphasis	8610.971534
wavelet-HHL	gldm	SmallDependenceLowGrayLevelEmphasis	0.00589981
wavelet-HHL	gldm	LowGrayLevelEmphasis	0.010482285
wavelet-HHL	glcm	JointAverage	13.43229178
wavelet-HHL	glcm	SumAverage	26.86458357
wavelet-HHL	glcm	JointEntropy	5.492285443
wavelet-HHL	glcm	ClusterShade	-6.036412538
wavelet-HHL	glcm	MaximumProbability	0.125512047
wavelet-HHL	glcm	Idmn	0.984022598
wavelet-HHL	glcm	JointEnergy	0.060306044
wavelet-HHL	glcm	Contrast	13.37878033
wavelet-HHL	glcm	DifferenceEntropy	2.729676605
wavelet-HHL	glcm	InverseVariance	0.394188565
wavelet-HHL	glcm	DifferenceVariance	8.617533157
wavelet-HHL	glcm	Idn	0.933611825
wavelet-HHL	glcm	Idm	0.478343639
wavelet-HHL	glcm	Correlation	0.022721205
wavelet-HHL	glcm	Autocorrelation	180.5900653
wavelet-HHL	glcm	SumEntropy	3.49958591
wavelet-HHL	glcm	SumSquares	6.852743924
wavelet-HHL	glcm	ClusterProminence	1811.491385

wavelet-HHL	glcm	Imc2	0.722882882
wavelet-HHL	glcm	Imc1	-0.127900764
wavelet-HHL	glcm	DifferenceAverage	2.163047929
wavelet-HHL	glcm	Id	0.526531207
wavelet-HHL	glcm	ClusterTendency	14.03219537
wavelet-HHL	firstorder	InterquartileRange	36.69543787
wavelet-HHL	firstorder	Skewness	-0.085377568
wavelet-HHL	firstorder	Uniformity	0.209232318
wavelet-HHL	firstorder	Median	-1.387692756
wavelet-HHL	firstorder	Energy	4594385.211
wavelet-HHL	firstorder	RobustMeanAbsoluteDeviation	16.73184585
wavelet-HHL	firstorder	MeanAbsoluteDeviation	38.20972935
wavelet-HHL	firstorder	TotalEnergy	124048400.7
wavelet-HHL	firstorder	Maximum	344.5085169
wavelet-HHL	firstorder	RootMeanSquared	64.95308197
wavelet-HHL	firstorder	90Percentile	56.96859408
wavelet-HHL	firstorder	Minimum	-321.9566702
wavelet-HHL	firstorder	Entropy	2.942606725
wavelet-HHL	firstorder	Range	666.4651871
wavelet-HHL	firstorder	Variance	4217.391608
wavelet-HHL	firstorder	10Percentile	-58.56287663
wavelet-HHL	firstorder	Kurtosis	9.237199284
wavelet-HHL	firstorder	Mean	-1.229328579
wavelet-HHL	glrlm	ShortRunLowGrayLevelEmphasis	0.010799754
wavelet-HHL	glrlm	GrayLevelVariance	8.122037
wavelet-HHL	glrlm	LowGrayLevelRunEmphasis	0.011554494
wavelet-HHL	glrlm	GrayLevelNonUniformityNormalized	0.17877636
wavelet-HHL	glrlm	RunVariance	0.292470705
wavelet-HHL	glrlm	GrayLevelNonUniformity	159.9630234
wavelet-HHL	glrlm	LongRunEmphasis	1.784186764
wavelet-HHL	glrlm	ShortRunHighGrayLevelEmphasis	164.3202541
wavelet-HHL	glrlm	RunLengthNonUniformity	634.0838134
wavelet-HHL	glrlm	ShortRunEmphasis	0.866065929
wavelet-HHL	glrlm	LongRunHighGrayLevelEmphasis	331.9233631
wavelet-HHL	glrlm	RunPercentage	0.820936639
wavelet-HHL	glrlm	LongRunLowGrayLevelEmphasis	0.015943032
wavelet-HHL	glrlm	RunEntropy	3.869980349
wavelet-HHL	glrlm	HighGrayLevelRunEmphasis	188.7491425
wavelet-HHL	glrlm	RunLengthNonUniformityNormalized	0.707579151
wavelet-HHL	glszm	GrayLevelVariance	22.4289966
wavelet-HHL	glszm	ZoneVariance	233.2419218
wavelet-HHL	glszm	GrayLevelNonUniformityNormalized	0.071019148
wavelet-HHL	glszm	SizeZoneNonUniformityNormalized	0.438869992
wavelet-HHL	glszm	SizeZoneNonUniformity	110.5952381
wavelet-HHL	glszm	GrayLevelNonUniformity	17.8968254
wavelet-HHL	glszm	LargeAreaEmphasis	251.9166667
wavelet-HHL	glszm	SmallAreaHighGrayLevelEmphasis	140.7483007
wavelet-HHL	glszm	ZonePercentage	0.231404959
wavelet-HHL	glszm	LargeAreaLowGrayLevelEmphasis	1.418951651
wavelet-HHL	glszm	LargeAreaHighGrayLevelEmphasis	45779.78571
wavelet-HHL	glszm	HighGrayLevelZoneEmphasis	201.797619
wavelet-HHL	glszm	SmallAreaEmphasis	0.688470487
wavelet-HHL	glszm	LowGrayLevelZoneEmphasis	0.026229265
wavelet-HHL	glszm	ZoneEntropy	5.589514184
wavelet-HHL	glszm	SmallAreaLowGrayLevelEmphasis	0.02418041

wavelet-HHL	ngtdm	Coarseness	0.00657834
wavelet-HHL	ngtdm	Complexity	446.7915419
wavelet-HHL	ngtdm	Strength	1.963542239
wavelet-HHL	ngtdm	Contrast	0.033706533
wavelet-HHL	ngtdm	Busyness	0.282786607
wavelet-HLH	gldm	GrayLevelVariance	10.19773998
wavelet-HLH	gldm	HighGrayLevelEmphasis	431.6345271
wavelet-HLH	gldm	DependenceEntropy	6.095884262
wavelet-HLH	gldm	DependenceNonUniformity	127.953168
wavelet-HLH	gldm	GrayLevelNonUniformity	169.6152433
wavelet-HLH	gldm	SmallDependenceEmphasis	0.27165871
wavelet-HLH	gldm	SmallDependenceHighGrayLevelEmphasis	123.0573662
wavelet-HLH	gldm	DependenceNonUniformityNormalized	0.117496022
wavelet-HLH	gldm	LargeDependenceEmphasis	32.63636364
wavelet-HLH	gldm	LargeDependenceLowGrayLevelEmphasis	0.07977397
wavelet-HLH	gldm	DependenceVariance	11.9501552
wavelet-HLH	gldm	LargeDependenceHighGrayLevelEmphasis	13657.40312
wavelet-HLH	gldm	SmallDependenceLowGrayLevelEmphasis	0.001748038
wavelet-HLH	gldm	LowGrayLevelEmphasis	0.003526626
wavelet-HLH	glcm	JointAverage	20.51963881
wavelet-HLH	glcm	SumAverage	41.03927762
wavelet-HLH	glcm	JointEntropy	6.340945788
wavelet-HLH	glcm	ClusterShade	-11.78745187
wavelet-HLH	glcm	MaximumProbability	0.098203415
wavelet-HLH	glcm	Idmn	0.985572661
wavelet-HLH	glcm	JointEnergy	0.033840802
wavelet-HLH	glcm	Contrast	20.80488308
wavelet-HLH	glcm	DifferenceEntropy	3.100399516
wavelet-HLH	glcm	InverseVariance	0.350797098
wavelet-HLH	glcm	DifferenceVariance	12.3981638
wavelet-HLH	glcm	Idn	0.932631581
wavelet-HLH	glcm	Idm	0.395588446
wavelet-HLH	glcm	Correlation	-0.012449409
wavelet-HLH	glcm	Autocorrelation	420.938063
wavelet-HLH	glcm	SumEntropy	3.906872735
wavelet-HLH	glcm	SumSquares	10.28468047
wavelet-HLH	glcm	ClusterProminence	3055.964563
wavelet-HLH	glcm	Imc2	0.751287485
wavelet-HLH	glcm	Imc1	-0.124326645
wavelet-HLH	glcm	DifferenceAverage	2.873118611
wavelet-HLH	glcm	Id	0.456935245
wavelet-HLH	glcm	ClusterTendency	20.33383879
wavelet-HLH	firstorder	InterquartileRange	49.06448668
wavelet-HLH	firstorder	Skewness	-0.159569834
wavelet-HLH	firstorder	Uniformity	0.155753208
wavelet-HLH	firstorder	Median	-0.720160415
wavelet-HLH	firstorder	Energy	6879636.54
wavelet-HLH	firstorder	RobustMeanAbsoluteDeviation	23.66209646
wavelet-HLH	firstorder	MeanAbsoluteDeviation	49.32856044
wavelet-HLH	firstorder	TotalEnergy	185750186.6
wavelet-HLH	firstorder	Maximum	389.300557
wavelet-HLH	firstorder	RootMeanSquared	79.48200378
wavelet-HLH	firstorder	90Percentile	85.13653723
wavelet-HLH	firstorder	Minimum	-477.0285972
wavelet-HLH	firstorder	Entropy	3.358258467

wavelet-HLH	firstorder	Range	866.3291542
wavelet-HLH	firstorder	Variance	6316.762252
wavelet-HLH	firstorder	10Percentile	-78.43774707
wavelet-HLH	firstorder	Kurtosis	8.09864977
wavelet-HLH	firstorder	Mean	0.791626923
wavelet-HLH	glrlm	ShortRunLowGrayLevelEmphasis	0.003461456
wavelet-HLH	glrlm	GrayLevelVariance	11.59537457
wavelet-HLH	glrlm	LowGrayLevelRunEmphasis	0.003703847
wavelet-HLH	glrlm	GrayLevelNonUniformityNormalized	0.13503976
wavelet-HLH	glrlm	RunVariance	0.208847558
wavelet-HLH	glrlm	GrayLevelNonUniformity	127.062796
wavelet-HLH	glrlm	LongRunEmphasis	1.554550685
wavelet-HLH	glrlm	ShortRunHighGrayLevelEmphasis	391.2233035
wavelet-HLH	glrlm	RunLengthNonUniformity	726.2074563
wavelet-HLH	glrlm	ShortRunEmphasis	0.899646774
wavelet-HLH	glrlm	LongRunHighGrayLevelEmphasis	666.1167178
wavelet-HLH	glrlm	RunPercentage	0.863530409
wavelet-HLH	glrlm	LongRunLowGrayLevelEmphasis	0.005042754
wavelet-HLH	glrlm	RunEntropy	4.093365854
wavelet-HLH	glrlm	HighGrayLevelRunEmphasis	433.4600206
wavelet-HLH	glrlm	RunLengthNonUniformityNormalized	0.77103685
wavelet-HLH	glszm	GrayLevelVariance	27.47544831
wavelet-HLH	glszm	ZoneVariance	106.0436988
wavelet-HLH	glszm	GrayLevelNonUniformityNormalized	0.060577785
wavelet-HLH	glszm	SizeZoneNonUniformityNormalized	0.467004185
wavelet-HLH	glszm	SizeZoneNonUniformity	153.6443769
wavelet-HLH	glszm	GrayLevelNonUniformity	19.93009119
wavelet-HLH	glszm	LargeAreaEmphasis	117
wavelet-HLH	glszm	SmallAreaHighGrayLevelEmphasis	326.3473117
wavelet-HLH	glszm	ZonePercentage	0.302112029
wavelet-HLH	glszm	LargeAreaLowGrayLevelEmphasis	0.285476998
wavelet-HLH	glszm	LargeAreaHighGrayLevelEmphasis	48857.53799
wavelet-HLH	glszm	HighGrayLevelZoneEmphasis	449.7841945
wavelet-HLH	glszm	SmallAreaEmphasis	0.70990472
wavelet-HLH	glszm	LowGrayLevelZoneEmphasis	0.0060692
wavelet-HLH	glszm	ZoneEntropy	5.731402351
wavelet-HLH	glszm	SmallAreaLowGrayLevelEmphasis	0.005314565
wavelet-HLH	ngtdm	Coarseness	0.007034292
wavelet-HLH	ngtdm	Complexity	790.3900232
wavelet-HLH	ngtdm	Strength	2.502758017
wavelet-HLH	ngtdm	Contrast	0.049219396
wavelet-HLH	ngtdm	Busyness	0.155938267