

**Supplementary Table 2. Features included in the 2 SVM models**

<b>Features included in the Thr8-23-SVM model</b>	<b>Features included in the Thr6-28-SVM model</b>
CBFwavelet.HL_firstorder_Kurtosis	CBFlog.sigma.4.0.mm_glrlm_LowGrayLevelRunEmphasis
CBFwavelet.LL_glcm_Correlation	CBFwavelet.LL_glcm_Correlation
CBVwavelet.HL_firstorder_90Percentile	CBVlog.sigma.1.0.mm_firstorder_Skewness
CBVwavelet.HL_firstorder_Kurtosis	CBVlog.sigma.2.0.mm_glcm_Imc1
CBVwavelet.LL_firstorder_10Percentile	CBVlog.sigma.3.0.mm_glcm_Imc1
MAXlog.sigma.3.0.mm_glrlm_LongRunHighGrayLevelEmphasis	CBVlog.sigma.4.0.mm_glcm_Correlation
MAXlog.sigma.5.0.mm_glcm_MaximumProbability	CBVoriginal_firstorder_Skewness
MAXwavelet.HH_firstorder_Mean	CBVwavelet.HL_glcm_MaximumProbability
MAXwavelet.HH_glcm_Imc1	CBVwavelet.HL_glrlm_GrayLevelNonUniformity
MAXwavelet.LH_glcm_Correlation	MAXlog.sigma.3.0.mm_glcm_Imc2
MAXwavelet.LL_firstorder_Skewness	MAXoriginal_firstorder_Minimum
MAXwavelet.LL_glcm_ClusterShade	MAXwavelet.HH_glcm_Imc1
MAXwavelet.LL_glrlm_ShortRunLowGrayLevelEmphasis	MAXwavelet.LH_firstorder_Energy
MTTwavelet.HL_glcm_Imc2	MAXwavelet.LH_firstorder_TotalEnergy
TTPlog.sigma.3.0.mm_glcm_MaximumProbability	MAXwavelet.LL_firstorder_Skewness
TTPlog.sigma.4.0.mm_firstorder_Skewness	MTTlog.sigma.4.0.mm_glcm_MaximumProbability
TPoriginal_firstorder_Minimum	MTTwavelet.HL_glcm_Imc2
TPoriginal_glcm_Imc1	TTPlog.sigma.1.0.mm_firstorder_Maximum

TTPoriginal_grlm_RunLengthNonUniformityNormalized	TTPlog.sigma.1.0.mm_glcm_Correlation
TTPoriginal_shape_Sphericity	TTPlog.sigma.5.0.mm_firstorder_Kurtosis
TTPwavelet.HH_glcm_ClusterShade	TTPoriginal_glcm_Imc1
TTPwavelet.HL_glcm_Idmn	TTPoriginal_glcm_Imc2
TTPwavelet.LH_glcm_Idmn	TTPoriginal_grlm_RunLengthNonUniformityNormalized
	TTPoriginal_shape_Sphericity
	TTPwavelet.HL_firstorder_Kurtosis
	TTPwavelet.HL_glcm_ClusterProminence
	TTPwavelet.LH_firstorder_Median
	TTPwavelet.LH_glcm_Imc2