

Table S2: Radiomics features for prediction of PD-1

		PD-1		
	Radiomics features	β	OR(95%CI)	P-value
AP	Correlation_AllDirection_offset4_SD	3.0837	2.74(1.21,6.23)	< 0.001
	GLCMEnergy_AllDirection_offset1_SD	1.0194	2.8(1.07,7.31)	0.564
	GLCMEnergy_angle90_offset7	3.9965	5.97(0.09,387.02)	0.012
	GLCMEntropy_AllDirection_offset1_SD	-0.1106	0.68(0.38,1.23)	0.668
	ShortRunEmphasis_AllDirection_offset1_SD	-0.7256	0.83(0.49,1.43)	0.345
	ShortRunHighGreyLevelEmphasis_AllDirection_offset1_SD	-0.3688	0.75(0.46,1.22)	0.679
	ShortRunHighGreyLevelEmphasis_AllDirection_offset7_SD	-2.1145	0.68(0.32,1.47)	0.055
	ShortRunLowGreyLevelEmphasis_AllDirection_offset1_SD	-80.2304	0.21(0.01,6.33)	0.002
	Compactness2	0.4204	1.24 (0.83,1.86)	0.112
	SmallAreaEmphasis	-0.593	0.61(0.39,0.94)	0.114
PVP	MeanDeviation	0.2837	1.33 (0.81,2.19)	0.255
	Kurtosis	-0.7574	0.47 (0.23,0.96)	0.025
	ClusterShade_AllDirection_offset7_SD	-0.231	0.79 (0.46,1.36)	0.386
	Correlation_angle0_offset7	-0.9976	0.37 (0.13,1.01)	0.048
	Correlation_angle45_offset7	0.6236	1.87 (0.73,4.76)	0.155
	Correlation_angle90_offset7	0.2845	1.33 (0.69,2.56)	0.394
	GLCMEnergy_AllDirection_offset7_SD	1.0634	2.9 (0.22,37.45)	0.023
	GLCMEntropy_AllDirection_offset4_SD	0.1882	1.21 (0.71,2.05)	0.471
	GLCMEntropy_angle45_offset7	0.8245	2.28 (1.14,4.56)	0.014

HaralickCorrelation_angle135_offset7	-0.3793	0.68 (0.35,1.34)	0.262
Inertia_AllDirection_offset7_SD	0.1013	1.11 (0.68,1.79)	0.682
InverseDifferenceMoment_AllDirection_offset1_SD	0.5893	1.8 (0.83,3.89)	0.119
HighGreyLevelRunEmphasis_AllDirection_offset4_SD	0.2423	1.27 (0.17,9.66)	0.769
LongRunEmphasis_angle0_offset4	-0.4112	0.66 (0.28,1.55)	0.142
LongRunHighGreyLevelEmphasis_angle135_offset7	0.0661	1.07 (0.55,2.06)	0.844
ShortRunEmphasis_AllDirection_offset1_SD	0.8827	0.41 (0.15,1.18)	0.071
ShortRunEmphasis_AllDirection_offset7_SD	-0.3788	0.68 (0.21,2.21)	0.51
ShortRunLowGreyLevelEmphasis_AllDirection_offset7_SD	293.5539	3.08190842166908e+127(0, 6.45419129338163e+283)	0.008
Sphericity	-0.3871	0.68 (0.37,1.24)	0.205
SmallAreaEmphasis	0.3591	1.43 (0.75,2.72)	0.271

PD-1, programmed cell death protein 1; AP, arterial phase; PVP, portal vein phase; OR, odds ratio; CI, confidence intervals.