

Radiomic Features (n=391)

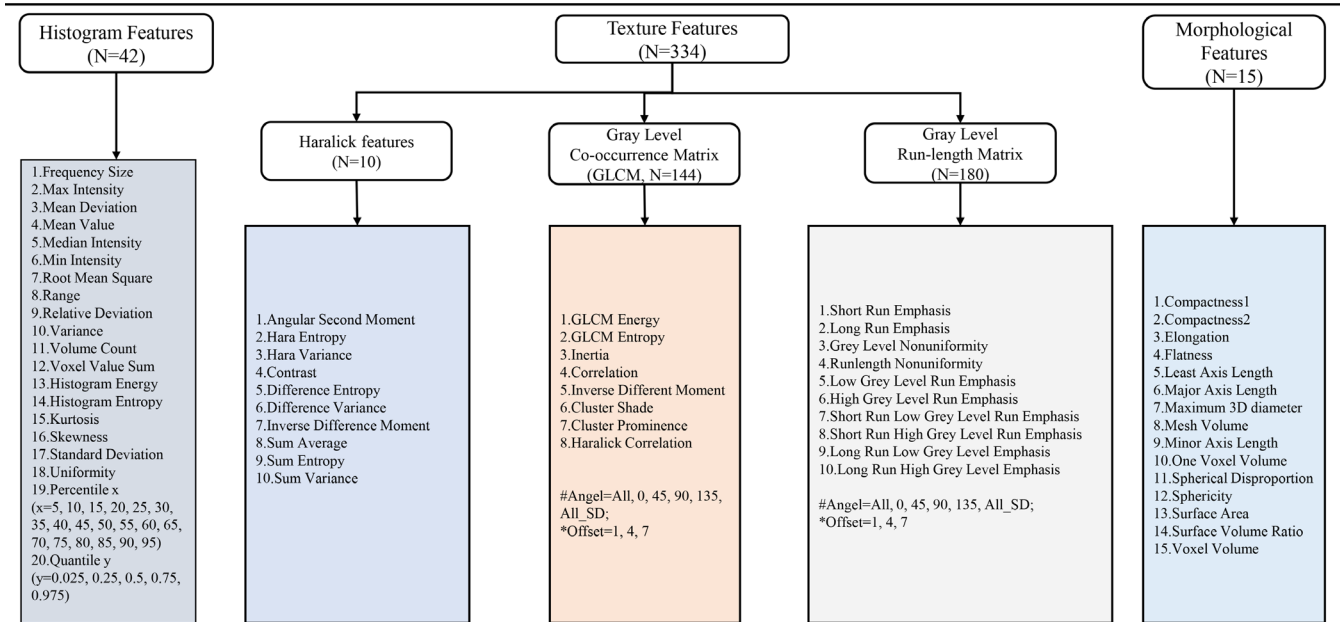


Figure S1 Detailed names of 391 radiomic features extracted from the Artificial Intelligence Kit software.

Table S1 Detailed names of 320 radiomic features with an intraclass correlation coefficient >0.75

Histogram Features (N=40)	Morpogological Features (N=15)	Texture Features (N=265)
Frequency Size	Compactness1	Haralick features (N=10)
Max Intensity	Compactness2	Angular Second Moment
Mean Value	Elongation	HaraEntropy
Median Intensity	Flatness	HaraVariance
Min Intensity	Least Axis Length	Contrast
Percentile10	Major Axis Length	Difference Entropy
Percentile15	Maximum 3D diameter	Difference Variance
Percentile20	Mesh Volume	Inverse Difference Moment
Percentile25	Minor Axis Length	Sum Average
Percentile30	One Voxel Volume	Sum Entropy
Percentile35	Sphericity Disproportion	Sum Variance
Percentile40	Sphericity	Gray Level Co-occurrence Matrix (GLCM, N=117)
Percentile45	Surface Area	Cluster Prominence_AllDirection_offset1
Percentile5	Surface Volume Ratio	Cluster Prominence_AllDirection_offset1_SD
Percentile50	Voxel Volume	Cluster Prominence_AllDirection_offset4
Percentile55		Cluster Prominence_AllDirection_offset4_SD
Percentile60		Cluster Prominence_AllDirection_offset7
Percentile65		Cluster Prominence_AllDirection_offset7_SD
Percentile70		Cluster Prominence_angle0_offset1
Percentile75		Cluster Prominence_angle0_offset4
Percentile80		Cluster Prominence_angle0_offset7
Percentile85		Cluster Prominence_angle135_offset1
Percentile90		Cluster Prominence_angle135_offset4
Percentile95		Cluster Prominence_angle135_offset7
Quantile0.025		Cluster Prominence_angle45_offset1
Quantile0.25		Cluster Prominence_angle45_offset4
Quantile0.5		Cluster Prominence_angle45_offset7
Quantile0.75		Cluster Prominence_angle90_offset1
Quantile0.975		Cluster Prominence_angle90_offset4
Root Mean Square		Cluster Prominence_angle90_offset7
Range		Cluster Shade_AllDirection_offset1
Variance		Cluster Shade_AllDirection_offset1_SD
Voxel Count		Cluster Shade_AllDirection_offset4
Voxel Value Sum		Cluster Shade_AllDirection_offset4_SD
Histogram Features Energy		Cluster Shade_AllDirection_offset7
Histogram Features Entropy		Cluster Shade_angle0_offset1
Kurtosis		Cluster Shade_angle0_offset4
Skewness		Cluster Shade_angle0_offset7
Standard Deviation		Cluster Shade_angle135_offset1
Uniformity		Cluster Shade_angle135_offset4
		Cluster Shade_angle135_offset7
		Cluster Shade_angle45_offset1
		Cluster Shade_angle45_offset4
		Cluster Shade_angle45_offset7
		Cluster Shade_angle90_offset1
		Cluster Shade_angle90_offset4
		Cluster Shade_angle90_offset7
		Correlation_AllDirection_offset1
		Correlation_AllDirection_offset1_SD
		Correlation_angle0_offset1
		Correlation_angle0_offset4
		Correlation_angle135_offset1
		Correlation_angle45_offset1
		Correlation_angle45_offset4
		Correlation_angle90_offset1
		Correlation_angle90_offset4
		GLCM Energy_AllDirection_offset1
		GLCM Energy_AllDirection_offset1_SD
		GLCM Energy_AllDirection_offset4
		GLCM Energy_AllDirection_offset4_SD
		GLCM Energy_angle0_offset1
		GLCM Energy_angle0_offset4
		GLCM Energy_angle135_offset1
		GLCM Energy_angle135_offset4
		GLCM Energy_angle45_offset1
		GLCM Energy_angle45_offset4
		GLCM Energy_angle90_offset1
		GLCM Energy_angle90_offset4
		GLCM Entropy_AllDirection_offset1
		GLCM Entropy_AllDirection_offset1_SD
		GLCM Entropy_AllDirection_offset4
		GLCM Entropy_AllDirection_offset7
		GLCM Entropy_angle0_offset1
		GLCM Entropy_angle0_offset4
		GLCM Entropy_angle0_offset7
		GLCM Entropy_angle135_offset1
		GLCM Entropy_angle135_offset4
		GLCM Entropy_angle135_offset7
		GLCM Entropy_angle45_offset1
		GLCM Entropy_angle45_offset4
		GLCM Entropy_angle45_offset7
		GLCM Entropy_angle90_offset1
		GLCM Entropy_angle90_offset4
		GLCM Entropy_angle90_offset7
		Haralick Correlation_AllDirection_offset1
		Haralick Correlation_AllDirection_offset1_SD
		Haralick Correlation_AllDirection_offset4
		Haralick Correlation_AllDirection_offset4_SD
		Haralick Correlation_AllDirection_offset7
		Haralick Correlation_AllDirection_offset7_SD
		Haralick Correlation_angle0_offset1
		Haralick Correlation_angle0_offset4
		Haralick Correlation_angle0_offset7
		Haralick Correlation_angle135_offset1
		Haralick Correlation_angle135_offset4
		Haralick Correlation_angle135_offset7
		Haralick Correlation_angle45_offset1
		Haralick Correlation_angle45_offset4
		Haralick Correlation_angle45_offset7
		Haralick Correlation_angle90_offset1
		Haralick Correlation_angle90_offset4
		Haralick Correlation_angle90_offset7
		Inertia_AllDirection_offset1
		Inertia_AllDirection_offset1_SD
		Inertia_AllDirection_offset4
		Inertia_AllDirection_offset4_SD
		Inertia_AllDirection_offset7
		Inertia_AllDirection_offset7_SD
		Inertia_angle0_offset1
		Inertia_angle0_offset4
		Inertia_angle0_offset7
		Inertia_angle135_offset1
		Inertia_angle135_offset4
		Inertia_angle135_offset7
		Inertia_angle45_offset1
		Inertia_angle45_offset4
		Inertia_angle45_offset7
		Inertia_angle90_offset1
		Inertia_angle90_offset4
		Inertia_angle90_offset7
		Inverse Difference Moment_AllDirection_offset1
		Inverse Difference Moment_AllDirection_offset1_SD
		Inverse Difference Moment_angle0_offset1
		Inverse Difference Moment_angle0_offset4
		Inverse Difference Moment_angle135_offset1
		Inverse Difference Moment_angle45_offset1
		Inverse Difference Moment_angle45_offset4
		Inverse Difference Moment_angle90_offset1
		Inverse Difference Moment_angle90_offset4
		Gray Level Run-length Matrix (N=138)
		Grey Level Nonuniformity_AllDirection_offset1
		Grey Level Nonuniformity_AllDirection_offset1_SD
		Grey Level Nonuniformity_AllDirection_offset4
		Grey Level Nonuniformity_AllDirection_offset4_SD
		Grey Level Nonuniformity_AllDirection_offset7
		Grey Level Nonuniformity_AllDirection_offset7_SD
		Grey Level Nonuniformity_angle0_offset1
		Grey Level Nonuniformity_angle0_offset4
		Grey Level Nonuniformity_angle0_offset7
		Grey Level Nonuniformity_angle135_offset1
		Grey Level Nonuniformity_angle135_offset4
		Grey Level Nonuniformity_angle135_offset7
		Grey Level Nonuniformity_angle45_offset1
		Grey Level Nonuniformity_angle45_offset4
		Grey Level Nonuniformity_angle45_offset7
		Grey Level Nonuniformity_angle90_offset1
		Grey Level Nonuniformity_angle90_offset4
		Grey Level Nonuniformity_angle90_offset7
		High Grey Level Run Emphasis_AllDirection_offset1
		High Grey Level Run Emphasis_AllDirection_offset4
		High Grey Level Run Emphasis_AllDirection_offset4_SD
		High Grey Level Run Emphasis_AllDirection_offset7
		High Grey Level Run Emphasis_AllDirection_offset7_SD
		High Grey Level Run Emphasis_angle0_offset1
		High Grey Level Run Emphasis_angle0_offset4
		High Grey Level Run Emphasis_angle0_offset7
		High Grey Level Run Emphasis_angle135_offset1
		High Grey Level Run Emphasis_angle135_offset4
		High Grey Level Run Emphasis_angle135_offset7
		High Grey Level Run Emphasis_angle45_offset1
		High Grey Level Run Emphasis_angle45_offset4
		High Grey Level Run Emphasis_angle45_offset7
		High Grey Level Run Emphasis_angle90_offset1
		High Grey Level Run Emphasis_angle90_offset4
		High Grey Level Run Emphasis_angle90_offset7
		Long Run Emphasis_AllDirection_offset1
		Long Run Emphasis_AllDirection_offset4
		Long Run Emphasis_AllDirection_offset4_SD
		Long Run Emphasis_AllDirection_offset7
		Long Run Emphasis_AllDirection_offset7_SD
		Long Run Emphasis_angle0_offset1
		Long Run Emphasis_angle0_offset4
		Long Run Emphasis_angle0_offset7
		Long Run Emphasis_angle135_offset1
		Long Run Emphasis_angle135_offset4
		Long Run Emphasis_angle135_offset7
		Long Run Emphasis_angle45_offset1
		Long Run Emphasis_angle45_offset4
		Long Run Emphasis_angle45_offset7
		Long Run Emphasis_angle90_offset1
		Long Run Emphasis_angle90_offset4
		Long Run Emphasis_angle90_offset7
		Long Run Low Grey Level Emphasis_AllDirection_offset1
		Long Run Low Grey Level Emphasis_AllDirection_offset1_SD
		Long Run Low Grey Level Emphasis_AllDirection_offset4
		Long Run Low Grey Level Emphasis_AllDirection_offset7
		Long Run Low Grey Level Emphasis_angle0_offset1
		Long Run Low Grey Level Emphasis_angle0_offset4
		Long Run Low Grey Level Emphasis_angle0_offset7
		Long Run Low Grey Level Emphasis_angle135_offset1
		Long Run Low Grey Level Emphasis_angle135_offset4
		Long Run Low Grey Level Emphasis_angle135_offset7
		Long Run Low Grey Level Emphasis_angle45_offset1
		Long Run Low Grey Level Emphasis_angle45_offset4
		Long Run Low Grey Level Emphasis_angle45_offset7
		Long Run Low Grey Level Emphasis_angle90_offset1
		Long Run Low Grey Level Emphasis_angle90_offset4
		Long Run Low Grey Level Emphasis_angle90_offset7
		Low Grey Level Run Emphasis_AllDirection_offset1
		Low Grey Level Run Emphasis_AllDirection_offset4
		Low Grey Level Run Emphasis_AllDirection_offset7
		Low Grey Level Run Emphasis_angle0_offset1
		Low Grey Level Run Emphasis_angle0_offset4
		Low Grey Level Run Emphasis_angle0_offset7
		Low Grey Level Run Emphasis_angle135_offset1
		Low Grey Level Run Emphasis_angle135_offset4
		Low Grey Level Run Emphasis_angle135_offset7
		Low Grey Level Run Emphasis_angle45_offset1
		Low Grey Level Run Emphasis_angle45_offset4
		Low Grey Level Run Emphasis_angle45_offset7
		Low Grey Level Run Emphasis_angle90_offset1
		Low Grey Level Run Emphasis_angle90_offset4
		Low Grey Level Run Emphasis_angle90_offset7
		Run Length Nonuniformity_AllDirection_offset1
		Run Length Nonuniformity_AllDirection_offset1_SD
		Run Length Nonuniformity_AllDirection_offset4
		Run Length Nonuniformity_AllDirection_offset4_SD
		Run Length Nonuniformity_AllDirection_offset7
		Run Length Nonuniformity_AllDirection_offset7_SD
		Run Length Nonuniformity_angle0_offset1
		Run Length Nonuniformity_angle0_offset4
		Run Length Nonuniformity_angle0_offset7
		Run Length Nonuniformity_angle135_offset1
		Run Length Nonuniformity_angle135_offset4
		Run Length Nonuniformity_angle135_offset7
		Run Length Nonuniformity_angle45_offset1
		Run Length Nonuniformity_angle45_offset4
		Run Length Nonuniformity_angle45_offset7
		Run Length Nonuniformity_angle90_offset1
		Run Length Nonuniformity_angle90_offset4
		Run Length Nonuniformity_angle90_offset7
		Short Run Emphasis_AllDirection_offset1
		Short Run Emphasis_AllDirection_offset1_SD
		Short Run Emphasis_AllDirection_offset4
		Short Run Emphasis_AllDirection_offset7
		Short Run Emphasis_angle0_offset1
		Short Run Emphasis_angle0_offset4
		Short Run Emphasis_angle0_offset7
		Short Run Emphasis_angle135_offset1
		Short Run Emphasis_angle135_offset4
		Short Run Emphasis_angle135_offset7
		Short Run Emphasis_angle45_offset1
		Short Run Emphasis_angle45_offset4
		Short Run Emphasis_angle45_offset7
		Short Run Emphasis_angle90_offset1
		Short Run Emphasis_angle90_offset4
		Short Run Emphasis_angle90_offset7
		Short Run High Grey Level Emphasis_AllDirection_offset1
		Short Run High Grey Level Emphasis_AllDirection_offset4
		Short Run High Grey Level Emphasis_AllDirection_offset4_SD
		Short Run High Grey Level Emphasis_AllDirection_offset7
		Short Run High Grey Level Emphasis_angle0_offset1
		Short Run High Grey Level Emphasis_angle0_offset4
		Short Run High Grey Level Emphasis_angle0_offset7
		Short Run High Grey Level Emphasis_angle135_offset1
		Short Run High Grey Level Emphasis_angle135_offset4
		Short Run High Grey Level Emphasis_angle135_offset7
		Short Run High Grey Level Emphasis_angle45_offset1
		Short Run High Grey Level Emphasis_angle45_offset4
		Short Run High Grey Level Emphasis_angle45_offset7
		Short Run High Grey Level Emphasis_angle90_offset1
		Short Run High Grey Level Emphasis_angle90_offset4
		Short Run High Grey Level Emphasis_angle90_offset7
		Short Run Low Grey Level Emphasis_angle0_offset1