

Supplementary Materials: MRI-Based Radiomics Input for Prediction of 2-Year Disease Recurrence in Anal Squamous Cell Carcinoma

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Supplementary Table 1. Complete list of variables tested in the model's creation

Clinical and treatment-related data	Age
	Sex
	HIV status
	Tumor length
	T-stage
	N-stage
	Pre-rectal septum infiltration
	Use of panitumumab
	Total radiation dose
	Chemo-radiotherapy duration
	Type of chemotherapy used
Radiomic variables (as per the PyRadiomics library)	original_shape_Elongation
	original_shape_Flatness
	original_shape_LeastAxisLength
	original_shape_MajorAxisLength
	original_shape_Maximum2DDiameterColumn
	original_shape_Maximum2DDiameterRow
	original_shape_Maximum2DDiameterSlice
	original_shape_Maximum3DDiameter
	original_shape_MeshVolume
	original_shape_MinorAxisLength
	original_shape_Sphericity
	original_shape_SurfaceArea
	original_shape_SurfaceVolumeRatio
	original_shape_VoxelVolume
	original_firstorder_10Percentile
	original_firstorder_90Percentile
	original_firstorder_Energy
	original_firstorder_Entropy
	original_firstorder_InterquartileRange
	original_firstorder_Kurtosis
	original_firstorder_Maximum
	original_firstorder_MeanAbsoluteDeviation
	original_firstorder_Mean
	original_firstorder_Median
	original_firstorder_Minimum
	original_firstorder_Range
	original_firstorder_RobustMeanAbsoluteDeviation
	original_firstorder_RootMeanSquared
	original_firstorder_Skewness
	original_firstorder_TotalEnergy
	original_firstorder_Uniformity

original_firstorder_Variance
original_glcmm_Autocorrelation
original_glcmm_JointAverage
original_glcmm_ClusterProminence
original_glcmm_ClusterShade
original_glcmm_ClusterTendency
original_glcmm_Contrast
original_glcmm_Correlation
original_glcmm_DifferenceAverage
original_glcmm_DifferenceEntropy
original_glcmm_DifferenceVariance
original_glcmm_JointEnergy
original_glcmm_JointEntropy
original_glcmm_Imc1
original_glcmm_Imc2
original_glcmm_Idm
original_glcmm_Idmn
original_glcmm_Id
original_glcmm_Idn
original_glcmm_InverseVariance
original_glcmm_MaximumProbability
original_glcmm_SumEntropy
original_glcmm_SumSquares
original_glrlm_GrayLevelNonUniformity
original_glrlm_GrayLevelNonUniformityNormalized
original_glrlm_GrayLevelVariance
original_glrlm_HighGrayLevelRunEmphasis
original_glrlm_LongRunEmphasis
original_glrlm_LongRunHighGrayLevelEmphasis
original_glrlm_LongRunLowGrayLevelEmphasis
original_glrlm_LowGrayLevelRunEmphasis
original_glrlm_RunEntropy
original_glrlm_RunLengthNonUniformity
original_glrlm_RunLengthNonUniformityNormalized
original_glrlm_RunPercentage
original_glrlm_RunVariance
original_glrlm_ShortRunEmphasis
original_glrlm_ShortRunHighGrayLevelEmphasis
original_glrlm_ShortRunLowGrayLevelEmphasis
original_glszm_GrayLevelNonUniformity
original_glszm_GrayLevelNonUniformityNormalized
original_glszm_GrayLevelVariance
original_glszm_HighGrayLevelZoneEmphasis
original_glszm_LargeAreaEmphasis
original_glszm_LargeAreaHighGrayLevelEmphasis
original_glszm_LargeAreaLowGrayLevelEmphasis
original_glszm_LowGrayLevelZoneEmphasis
original_glszm_SizeZoneNonUniformity
original_glszm_SizeZoneNonUniformityNormalized
original_glszm_SmallAreaEmphasis
original_glszm_SmallAreaHighGrayLevelEmphasis
original_glszm_SmallAreaLowGrayLevelEmphasis
original_glszm_ZoneEntropy
original_glszm_ZonePercentage
original_glszm_ZoneVariance
original_gldm_DependenceEntropy

original_gldm_DependenceNonUniformity
original_gldm_DependenceNonUniformityNormalized
original_gldm_DependenceVariance
original_gldm_GrayLevelNonUniformity
original_gldm_GrayLevelVariance
original_gldm_HighGrayLevelEmphasis
original_gldm_LargeDependenceEmphasis
original_gldm_LargeDependenceHighGrayLevelEmphasis
original_gldm_LargeDependenceLowGrayLevelEmphasis
original_gldm_LowGrayLevelEmphasis
original_gldm_SmallDependenceEmphasis
original_gldm_SmallDependenceHighGrayLevelEmphasis
original_gldm_SmallDependenceLowGrayLevelEmphasis
