Supplementary Material 1

Table List of all conventional and radiomic features

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|  **Conventional metrics** |
| TBRmax | firstorder\_Mean |
| firstorder\_10Percentile | firstorder\_Median |
| firstorder\_90Percentile | firstorder\_Minimum |
| firstorder\_Maximum |  |
| **GLCM features** |
| glcm\_Autocorrelation | glcm\_Idn |
| glcm\_ClusterProminence | glcm\_Imc1 |
| glcm\_ClusterShade | glcm\_Imc2 |
| glcm\_ClusterTendency | glcm\_InverseVariance |
| glcm\_Contrast | glcm\_JointAverage |
| glcm\_Correlation | glcm\_JointEnergy |
| glcm\_DifferenceAverage | glcm\_JointEntropy |
| glcm\_DifferenceEntropy | glcm\_MCC |
| glcm\_DifferenceVariance | glcm\_MaximumProbability |
| glcm\_Id | glcm\_SumAverage |
| glcm\_Idm | glcm\_SumEntropy |
| glcm\_Idmn | glcm\_SumSquares |
| **GLRLM features** |
| glrlm\_GrayLevelNonUniformity | glrlm\_RunEntropy |
| glrlm\_GrayLevelNonUniformityNormalized | glrlm\_RunLengthNonUniformity |
| glrlm\_GrayLevelVariance | glrlm\_RunLengthNonUniformityNormalized |
| glrlm\_HighGrayLevelRunEmphasis | glrlm\_RunPercentage |
| glrlm\_LongRunEmphasis | glrlm\_RunVariance |
| glrlm\_LongRunHighGrayLevelEmphasis | glrlm\_ShortRunEmphasis |
| glrlm\_LongRunLowGrayLevelEmphasis | glrlm\_ShortRunHighGrayLevelEmphasis |
| glrlm\_LowGrayLevelRunEmphasis | glrlm\_ShortRunLowGrayLevelEmphasis |
| **GLSZM features** |
| glszm\_GrayLevelNonUniformity | glszm\_SizeZoneNonUniformity |
| glszm\_GrayLevelNonUniformityNormalized | glszm\_SizeZoneNonUniformityNormalized |
| glszm\_GrayLevelVariance | glszm\_SmallAreaEmphasis |
| glszm\_HighGrayLevelZoneEmphasis | glszm\_SmallAreaHighGrayLevelEmphasis |
| glszm\_LargeAreaEmphasis | glszm\_SmallAreaLowGrayLevelEmphasis |
| glszm\_LargeAreaHighGrayLevelEmphasis | glszm\_ZoneEntropy |
| glszm\_LargeAreaLowGrayLevelEmphasis | glszm\_ZonePercentage |
| glszm\_LowGrayLevelZoneEmphasis | glszm\_ZoneVariance |
| **GLDM features** |
| gldm\_DependenceEntropy | gldm\_LargeDependenceEmphasis |
| gldm\_DependenceNonUniformity | gldm\_LargeDependenceHighGrayLevelEmphasis |
| gldm\_DependenceNonUniformityNormalized | gldm\_LargeDependenceLowGrayLevelEmphasis |
| gldm\_DependenceVariance | gldm\_LowGrayLevelEmphasis |
| gldm\_GrayLevelNonUniformity | gldm\_SmallDependenceEmphasis |
| gldm\_GrayLevelVariance | gldm\_SmallDependenceHighGrayLevelEmphasis |
| gldm\_HighGrayLevelEmphasis | gldm\_SmallDependenceLowGrayLevelEmphasis |
| **NGTDM features** |
| ngtdm\_Busyness | ngtdm\_Contrast |
| ngtdm\_Coarseness | ngtdm\_Strength |
| ngtdm\_Complexity |  |