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 | |  |