

Supplemental table 1. Features that remained after each selection step for radiomics signature construction.

| features | |
|-------------------------------------|--|
| directed_data | source_data |
| exponential_firstorder_Kurtosis | gradient_glcM_Correlation |
| logarithm_glcM_IdmN | logarithm_gldM_SmallDependenceLowGrayLevelEmphasis |
| square_glszm_GrayLevelNonUniformity | logarithm_glrIm_LongRunHighGrayLevelEmphasis |
| square_ngtdM_Strength | wavelet.LLH_glcM_Imc1 |
| wavelet.LLH_glcM_Correlation | wavelet.LHL_firstorder_Kurtosis |
| wavelet.LHH_firstorder_Mean | wavelet.LHH_firstorder_Skewness |
| wavelet.HLH_firstorder_Mean | wavelet.LHH_glszm_ZoneEntropy |
| wavelet.HLH_firstorder_Median | wavelet.HHL_firstorder_Mean |
| wavelet.HHH_firstorder_Median | wavelet.HHH_firstorder_Median |
| | wavelet.HHH_gldM_DependenceVariance |