

Table S1. Most selected radiomic features in the different approaches.

Dataset 1 (All)		
Ori*	ComBat-Slice	ComBat- Pixel
<i>Intensity Minimum</i>	<i>Intensity Maximum</i>	<i>Intensity Kurtosis</i>
<i>Intensity Skewness</i>	<i>Intensity PeakPosition</i>	<i>Intensity Uniformity</i>
<i>Intensity PeakPosition</i>	<i>Intensity Minimum</i>	<i>Intensity Skewness</i>
<i>Intensity Kurtosis</i>	<i>Intensity Skewness</i>	<i>Intensity PeakPosition</i>
Intensity Skewness	<i>Intensity Uniformity</i>	<i>Intensity Maximum</i>
Dataset 2 (AP)		
Ori*	ComBat-Slice*	ComBat- Pixel*
<i>Intensity Minimum</i>	Intensity Minimum	Intensity Maximum
Intensity Kurtosis	Intensity Kurtosis	Intensity Minimum
Intensity Maximum	Intensity Maximum	Intensity Kurtosis
Intensity Skewness	Intensity Skewness	Intensity Skewness
Intensity Maximum	Intensity Maximum	Intensity Range
Dataset 3 (PVP)		
Ori*	ComBat-Slice*	ComBat- Pixel
<i>Intensity Minimum</i>	<i>Intensity Minimum</i>	<i>Intensity Minimum</i>
<i>Intensity Skewness</i>	<i>Intensity PeakPosition</i>	<i>Intensity Maximum</i>
<i>Intensity Skewness</i>	Intensity Uniformity	<i>Intensity Range</i>
<i>Intensity PeakPosition</i>	Intensity Skewness	<i>Intensity Skewness</i>
Intensity Maximum	Intensity Maximum	<i>Intensity Kurtosis</i>

* Italic bolded features were selected in more than 50% of the runs.