Supplemental S1. Radiomic Features

The following Original feature classes were extracted using the Pyradiomics package.[1] Features for each of the Wavelet filter classes (HHH, HLL, LHH, HHL, LHL, LLH, HLH, LLL) were also extracted for a total of 851 extracted radiomic features.

Original	Number of Features	Wavelet (HHH, HLL, LHH, HHL, LHL, LLH, HLH, LLL)	Number of Features
Shape-Based (3D)	14		
First Order Statistics	18	First Order Statistics	18
Gray Level Co-occurrence Matrix (GLCM)	24	Gray Level Co-occurrence Matrix (GLCM)	24
Gray Level Size Zone Matrix (GLSZM)	16	Gray Level Size Zone Matrix (GLSZM)	16
Gray Level Run Length Matrix (GLRLM)	16	Gray Level Run Length Matrix (GLRLM)	16
Neighboring Gray Tone Difference Matrix (NGTDM)	5	Neighboring Gray Tone Difference Matrix (NGTDM)	5
Gray Level Dependence Matrix (GLDM)	14	Gray Level Dependence Matrix (GLDM)	14

References

1   van Griethuysen, J. J. M. *et al.* Computational Radiomics System to Decode the Radiographic Phenotype. *Cancer Res* **77**, e104-e107, doi:10.1158/0008-5472.CAN-17-0339 (2017).