

SUPPLEMENTAL TABLE 1. Scanner and reconstruction parameters

	GE Signa PET/MR	GE Discovery 690	Siemens Biograph mMR PET/MR	Siemens Biograph TruePoint 64
Axial FOV (mm)	250	153	256	216
Matrix size	192 x 192	128 x 128	172 x 172	168 x 168
Voxel size (mm³)	3.1 x 3.1 x 2.8	5.47 x 5.47 x 3.3	4.17 x 4.17 x 2.0	4.1 x 4.1 x 5.0
Iterations	2	2	3	4
Subsets	28	16	21	21
Sensitivity (cps/kBq)	21.2	7.5	13.2	7.6
Reconstruction algorithm	OSEM	OSEM	HD-PET	TrueX
Time per bed position (min)	5	3	5	4

FOV, field of view; OSEM, ordered subset expectation maximization

SUPPLEMENTAL TABLE 2. List of radiomic features

First order gray-level histogram (GLH)	Gray-level co-occurrence matrix (GLCM)	Gray-level run-length matrix (GLRLM)	Gray-level size-zone matrix (GLSZM)	Neighboring gray-tone difference matrix (NGTDM)
Energy	Autocorrelation	Short Run Emphasis	Small Area Emphasis	Coarseness
Total Energy	Joint Average	Long Run Emphasis	Large Area Emphasis	Contrast
Entropy	Cluster Prominence	Gray Level Non-Uniformity	Gray Level Non-Uniformity	Busyness
Minimum	Cluster Shade	Gray Level Non-Uniformity Normalized	Gray Level Non-Uniformity Normalized	Complexity
10 th percentile	Cluster Tendency	Run Length Non-Uniformity	Size-Zone Non-Uniformity	Strength
90 th percentile	Contrast	Run Length Non-Uniformity Normalized	Size-Zone Non-Uniformity Normalized	
Maximum	Correlation	Run Percentage	Zone Percentage	
Mean	Difference Average	Gray Level Variance	Gray Level Variance	
Median	Difference Entropy	Run Variance	Zone Variance	
Interquartile Range	Difference Variance	Run Entropy	Zone Entropy	
Range	Joint Energy	Low Gray Level Run Emphasis	Low Gray Level Zone Emphasis	
Mean Absolute Deviation	Joint Entropy	High Gray Level Run Emphasis	High Gray Level Zone Emphasis	
Robust Mean Absolute Deviation	Informational Measure of Correlation 1	Short Run Low Gray Level Emphasis	Small Area Low Gray Level Emphasis	
Root Mean	Informational	Short Run High	Small Area High	

Squared	Measure of Correlation 2	Gray Level Emphasis	Gray Level Emphasis	
Standard Deviation	Inverse Difference Moment	Long Run Low Gray Level Emphasis	Large Area Low Gray Level Emphasis	
Skewness	Maximal Correlation Coefficient	Long Run High Gray Level Emphasis	Large Area High Gray Level Emphasis	
Kurtosis	Inverse Difference Moment Normalized			
Variance	Inverse Difference			
Uniformity	Inverse Difference Normalized			
	Inverse Variance			
	Maximum Probability			
	Sum Average			
	Sum Entropy			
	Sum of Squares			

SUPPLEMENTAL TABLE 3. Accuracies by scanner type (PET/MR and PET/CT)

	Accuracy (mean) %	Std. error	95% Confidence interval
3-tissue model:			
Unharmonized–PET/MR	61.5	2.6	56.4-66.4
Unharmonized–PET/CT	62.4	2.4	57.5-67.1
Harmonized–PET/MR	77.7	2.8	71.6-82.7
Harmonized–PET/CT	98.7	0.7	96.6-99.5
4-tissue model:			
Unharmonized–PET/MR	49.8	2.2	45.6-54.1
Unharmonized–PET/CT	55.2	2.2	51.0-59.4
Harmonized–PET/MR	70.3	3.4	63.2-76.4
Harmonized–PET/CT	94.2	1.1	91.7-96.1