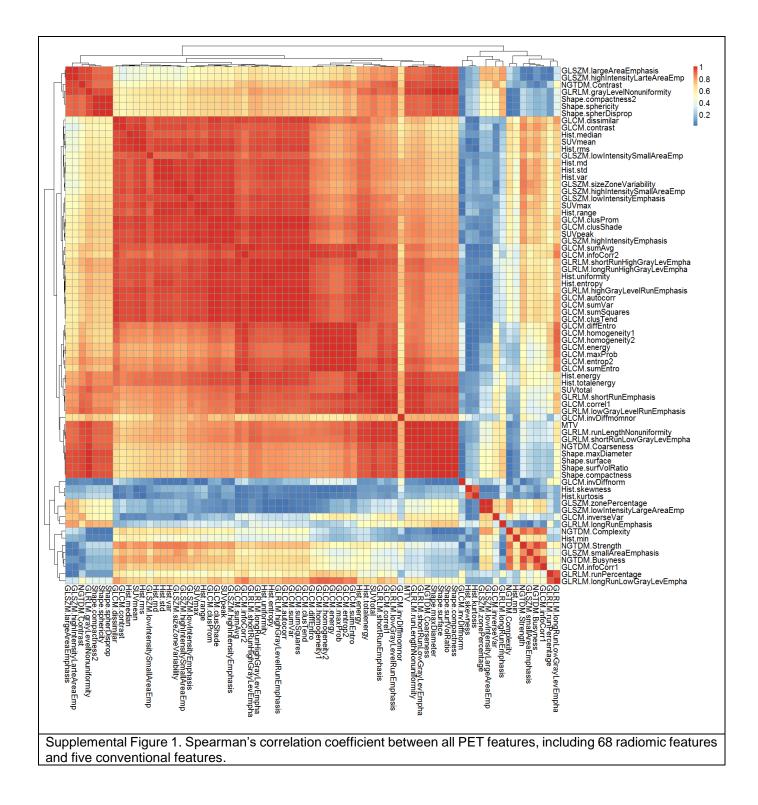
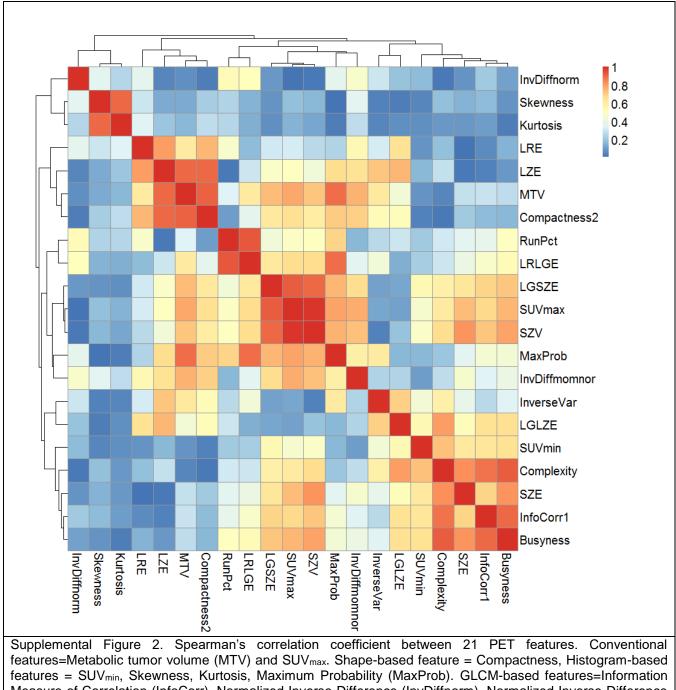
Туре	Features
5 Conventional SUV measures	Metabolic Tumor Volume (MTV)
	SUVmax
	SUVmean
	SUVpeak
	SUVtotal (or Total glycolysis lesion)
7 Shape	Maximum Diameter (Dmax)
	Surface Area (SA)
	Surface to Volume Ratio (SVR)
	Sphericity
	Spherical Disproportion
	Compactness × 2
13 Histogram	Minimum
(Hist)	Range
	Standard Deviation (STD)
	Variance
	Median
	Skewness
	Kurtosis
	Entropy
	Uniformity
	Energy
	Root Mean Square (RMS)
	Total Energy
	Mean Absolute Deviation (MAD)
22 Gray Level Cooccurrence Matrix	Autocorrelation
(GLCM)	Contrast
	Correlation
	Cluster Prominence
	Cluster Shade
	Dissimilarity
	Energy
	Entropy
	Homogeneity × 2
	Maximum Probability
	Sum of Square
	Sum Average
	Sum Variance
	Sum Entropy
	Difference Entropy
	Information Measure of Correlation × 2
	Normalized Inverse Difference
	Normalized Inverse Difference Moment
	Inverse Variance
	Cluster Tendency
44 Croy Lovel Dun Longth Matrix	Chart Dun Emploacia
11 Gray Level Run Length Matrix	Short Run Emphasis
(GLRLM)	Long Run Emphasis
	Gray Level Nonuniformity

Supplemental Table 1. Features derived from PET images

	Run Length Nonuniformity
	Run Percentage
	Low Gray Level Run Emphasis
	High Gray Level Run Emphasis
	Short Run Low Gray Emphasis
	Short Run High Gray Emphasis
	Long Run Low Gray Emphasis
	Long Run High Gray Emphasis
10 Gray Level Size Zone Matrix	Small Zone Emphasis
(GLSZM)	Large Zone Emphasis
(Size Zone Variability
	Zone Percentage
	Low Gray Zone Emphasis
	High Gray Zone Emphasis
	Low Gray Small Zone Emphasis
	High Gray Small Zone Emphasis
	Low Gray Large Zone Emphasis
	High Gray Large Zone Emphasis
5 Neighborhood Gray Tone Difference Matrix	Coarseness
(NGTDM)	Contrast
	Busyness
	Complexity
	Strength
	d imaging measures and sixty-eight radiomic features.
	ness and Information Measure of Correlation were





Teatures = SUV_{min}, Skewness, Kurtosis, Maximum Probability (MaxProb). GLCM-based features=Information Measure of Correlation (InfoCorr), Normalized Inverse Difference (InvDiffnorm), Normalized Inverse Difference Moment (InvDiffmomnor), Inverse Variance (InverseVar). RLM-based features=Long Run Emphasis (LRE), Run Percentage (Run Percentage), Long Run Low Gray Emphasis (LRLGE). SZM-based features= Small Zone Emphasis (SZE), Large Zone Emphasis (LZE), Size Zone Variability (SZV), Low Gray Small Zone Emphasis (LGSZE), Low Gray Large Zone Emphasis (LGLZE). NGTDM-based features=Busyness and Complexity.

