Table S1 Cut-off value by ROC analysis

Characteristic	AUC	Cut-off value	Sensitivity, %	Specificity, %	N > cut-off value
Ki-67 (%)	0.740	85	55.17	76.47	24 (38.10)
SUVmax (g/mL)	0.726	19.41	79.31	50.00	40 (63.49)
BVG (cm^3)	0.965	288.00	86.21	70.59	35 (55.56)
TLG (cm^3)	0.932	1,854.00	82.76	79.41	31 (49.21)
TMTV (cm^3)	0.919	103.00	93.10	64.71	39 (61.90)

ROC, receiver operating characteristic; AUC, area under the curve; SUVmax, maximum standardised uptake value; BVG, metabolic volume; TLG, total lesion glycation; TMTV, total metabolic tumor volume.

Table S2 Spearman rank correlation analysis

Characteristic	ρ_s	P value
SUVmax-BVG	0.564	<0.001
SUVmax-TLG	0.493	<0.001
SUVmax-TMTV	0.305	0.038
BVG-TLG	0.877	<0.001
BVG-TMTV	0.749	<0.001
TLG-TMTV	0.902	<0.001

SUVmax, maximum standardised uptake value; BVG, metabolic volume; TLG, total lesion glycation; TMTV, total metabolic tumor volume.