

Supplemental Table 1: Diagnostic performance of absolute values of ¹⁸F-FET PET parameters for predicting a PFS of 9 months or more

	TBR_{mean} at baseline	TBR_{mean} at follow-up	TBR_{max} at baseline	TBR_{max} at follow-up	MTV at baseline	MTV at follow-up
Threshold	1.9	1.8	2.0	2.1	28.2 mL	15.1 mL
Sensitivity	79%	58%	84%	79%	90%	79%
Specificity	67%	88%	78%	88%	67%	88%
AUC ± standard deviation	0.73 ± 0.09	0.79 ± 0.08	0.86 ± 0.07	0.85 ± 0.07	0.81 ± 0.07	0.85 ± 0.07
P-value	0.016	0.004	< 0.001	0.001	0.001	< 0.001

AUC = area under the curve; **MTV** = metabolic tumor volume; **PFS** = progression-free survival; **TBR_{max}**, **TBR_{mean}** = maximum and mean tumor-to-brain ratio

Supplemental Table 2: Diagnostic performance of absolute values of ¹⁸F-FET PET parameters for predicting a OS of 15 months or more

	TBR_{max} at baseline	TBR_{max} at follow-up	MTV at baseline	MTV at follow-up
Threshold	1.9	1.9	13.8 mL	22.8 mL
Sensitivity	64%	64%	71%	86%
Specificity	79%	88%	74%	63%
AUC ± standard deviation	0.75 ± 0.09	0.77 ± 0.09	0.76 ± 0.08	0.80 ± 0.08
P-value	0.016	0.012	0.013	0.006

AUC = Area under the curve; **MTV** = metabolic tumor volume; **OS** = overall survival; **TBR_{max}**, **TBR_{mean}** = maximum and mean tumor-to-brain ratio