Supplementary material for Hatt et al., Early prediction of pathological response in locally advanced rectal cancer based on sequential ^{18}F-FDG PET, Acta Oncologica, 2013;52:619–626

Appendix. Correlation between TRG (non-responders as TRG 3-5 and responders as TRG 1–2) and baseline values as well as RIs, for each PET derived parameter, with and without PVC.

Parameter median ± SD		Non-responders (n = 16)	Responders (n = 12)	p
SUV_{max}	PET_1	12.5 ± 5.8	15.6 ± 3.7	0.06
	RI_2 (%)	−9 ± 32	−24 ± 19	0.09
	RI_3 (%)	−24 ± 28	−44 ± 21	0.01
SUV_{max}^{PVC}	PET_1^{PVC}	20.3 ± 10.5	25.8 ± 7.7	0.07
	RI_2^{PVC} (%)	−15 ± 36	−31 ± 20	0.1
	RI_3^{PVC} (%)	−30 ± 31	−48 ± 24	0.04
SUV_{mean}	PET_1	6.4 ± 2.9	9 ± 2.3	0.02
	RI_2 (%)	−6 ± 44	−25 ± 12	0.04
	RI_3 (%)	−24 ± 25	−42 ± 17	0.009
SUV_{mean}^{PVC}	PET_1^{PVC}	8 ± 3.7	11.0 ± 3.8	0.02
	RI_2^{PVC} (%)	−7 ± 46	−25 ± 11	0.02
	RI_3^{PVC} (%)	−24 ± 24	−43 ± 20	0.03
MATV	PET_1 (cm^3)	26 ± 100	16 ± 26	0.2
	RI_2 (%)	−14 ± 27	−20 ± 15	0.3
	RI_3 (%)	−33 ± 33	−45 ± 18	0.08
$MATV^{PVC}$	PET_1^{PVC} (cm^3)	21 ± 96	14 ± 24	0.2
	RI_2^{PVC} (%)	−15 ± 25	−17 ± 18	0.5
	RI_3^{PVC} (%)	−28 ± 31	−45 ± 19	0.1
TLG	PET_1 (g)	225 ± 594	165 ± 227	0.6
	RI_2 (%)	−18 ± 53	−37 ± 15	0.03
	RI_3 (%)	−46 ± 43	−67 ± 14	0.009
TLG^{PVC}	PET_1^{PVC} (g)	246 ± 653	178 ± 236	0.7
	RI_2^{PVC} (%)	−21 ± 49	−37 ± 16	0.05
	RI_3^{PVC} (%)	−46 ± 38	−67 ± 14	0.01