Supplemental Data

Supplemental Table S1. Concordance between readers in SUVmax values by scanner type				
Sample	N	Reader 1 vs Reader 2	Reader 1 vs AM	Reader 2 vs AM
All	100	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=1 p=<.0001 (95%CI=0.99 to 1)	ICC=1 p=<.0001 (95%CI=0.99 to 1)
GE	30	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=1 p=<.0001 (95%CI=0.99 to 1)	ICC=1 p=<.0001 (95%CI=0.99 to 1)
Philips	17	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=0.81 p=<.0001 (95%CI=0.57 to 0.93)	ICC=0.81 p=<.0001 (95%CI=0.57 to 0.93)
Siemens	53	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=1 p=<.0001 (95%CI= 1 to 1)
Abbreviations; SUVmax, maximum standardized uptake value; AM, automated method; ICC, inter-class correlation coefficients; 95%CI, 95% confidence intervals.				

Supplemental Table S2. Concordance between readers in MTV values by scanner type				
Sample	N	Reader 1 vs Reader 2	Reader 1 vs AM	Reader 2 vs AM
All	100	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=0.98 p=<.0001 (95%CI=0.96 to 0.99)	ICC=0.98 p=<.0001 (95%CI=0.96 to 0.99)
GE	30	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=0.96 p=<.0001 (95%CI=0.90 to 0.98)	ICC=0.96 p=<.0001 (95%CI=0.90 to 0.98)
Philips	17	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=1 p=<.0001 (95%CI=0.96 to 1)	ICC=1 p=<.0001 (95%CI=0.96 to 1)
Siemens	53	ICC=1 p=<.0001 (95%CI= 1 to 1)	ICC=0.98 p=<.0001 (95%CI=0.96 to 0.99)	ICC=0.98 p=<.0001 (95%CI=0.96 to 0.99)
Abbreviations; MTV, metabolic tumor volume; AM, automated method; ICC, inter-class correlation coefficients; 95%CI, 95% confidence intervals.				
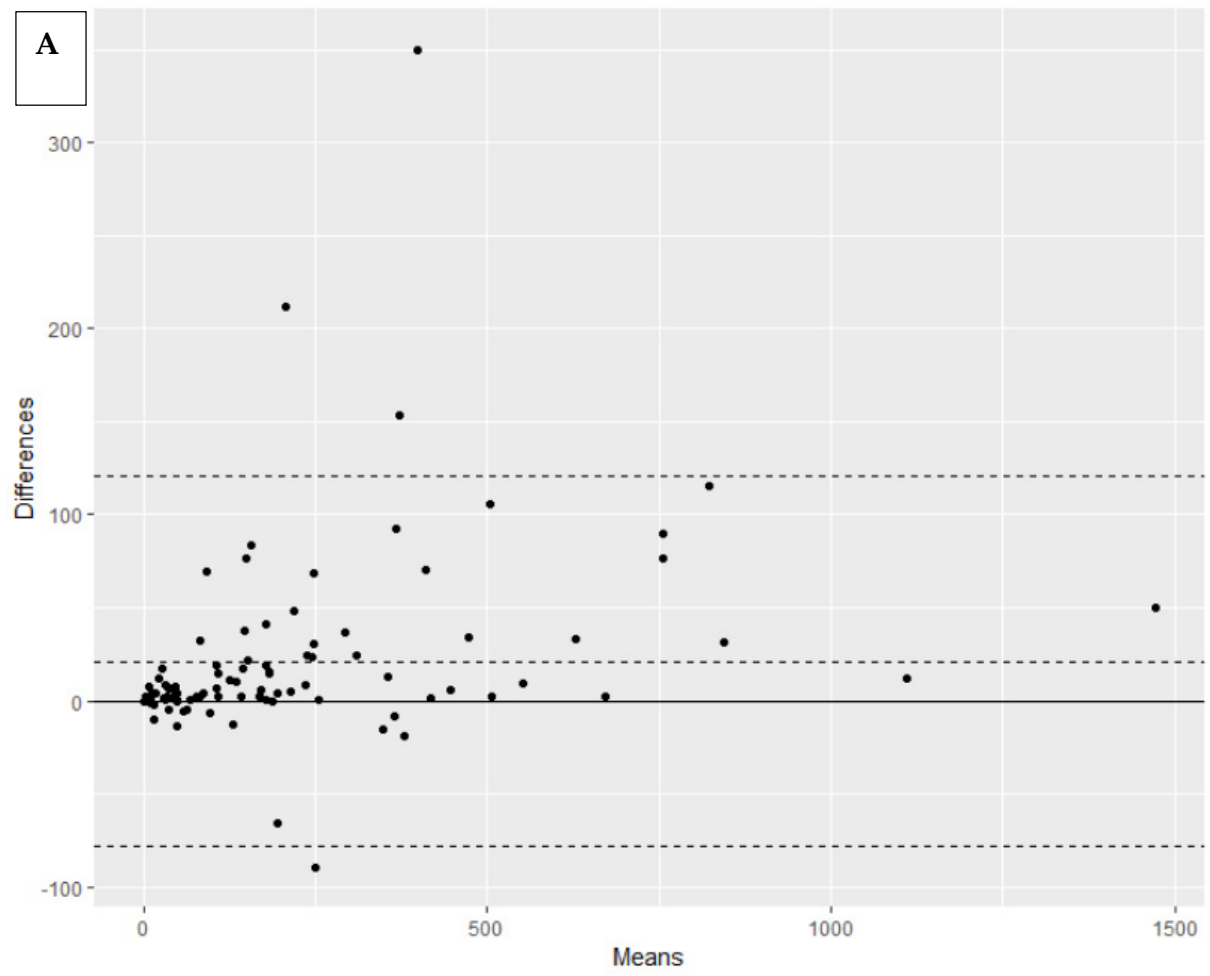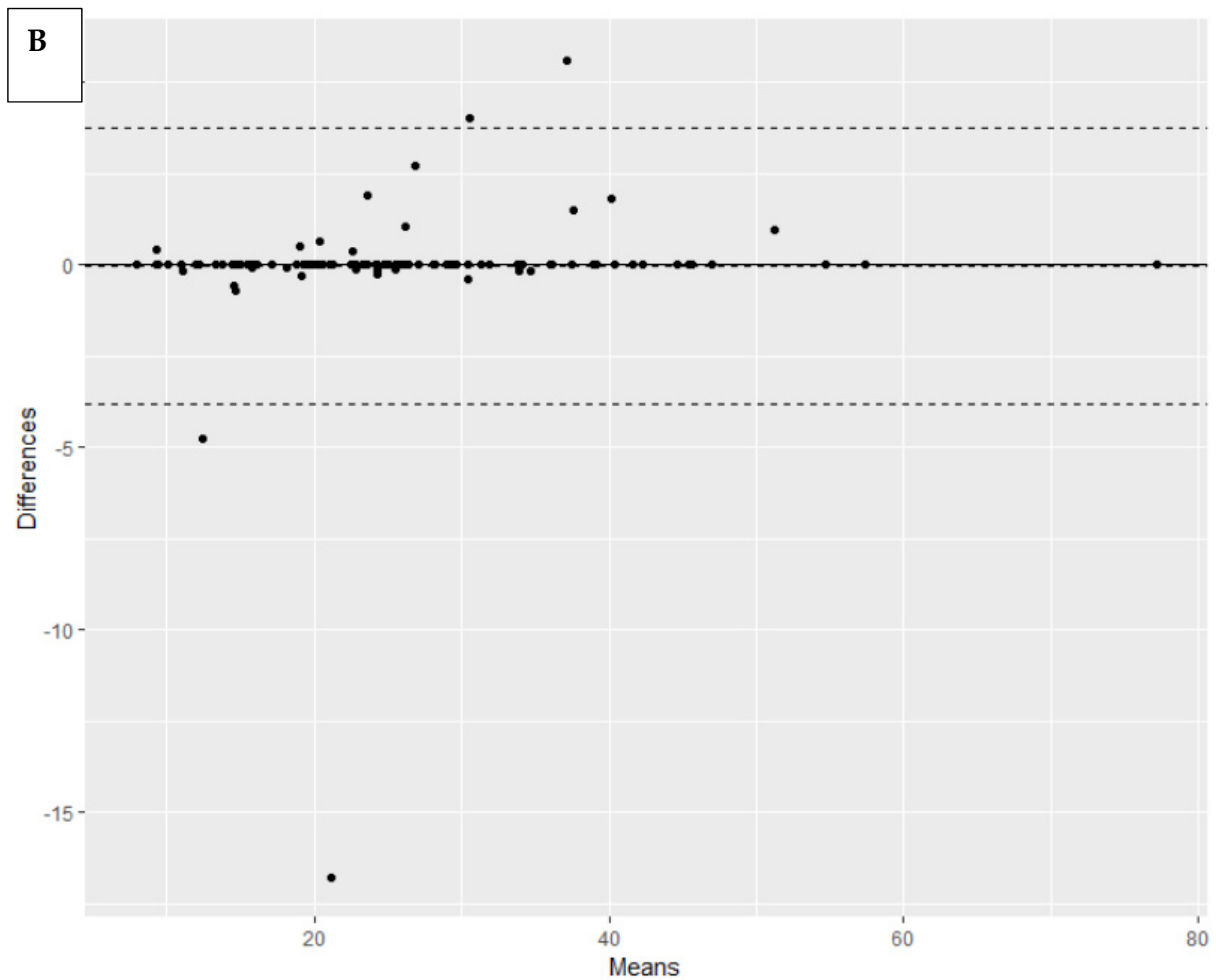
Supplemental Figure S1. (A). Bland-Altman plot. Graphical display for bias and Root-Mean-Squared Error (RMSE) between average of reader 1 and reader 2 versus automated method in metabolic tumor volume calculations. (B) Bland-Altman plot. Graphical display for bias and Root-Mean-Squared Error (RMSE) between average of reader 1 and reader 2 versus automated method in SUVmax calculations.