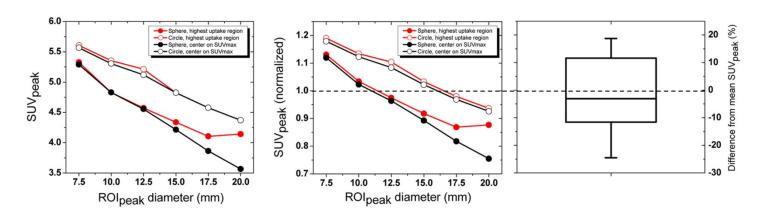
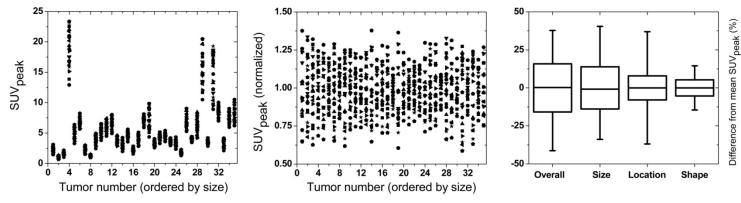


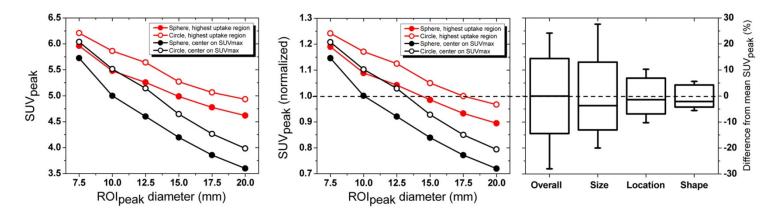
Supplemental Figure 1: FLT PET/CT image of a lung lesion with ROI_{peak} (white circle) superimposed. Here, ROI_{peak} was a 12.5 mm diameter circle placed in the highest uptake region of the tumor.



Supplemental Figure 2: Variation of SUV_{peak} for a retroperitoneal lesion (lesion number 11). 24 different SUV_{peak} (left, absolute values; middle, normalized to mean, dashed line) arising from 24 different ROI_{peak} definitions. (Right) Box represents coefficient of variation, whiskers show range, and solid line depicts median of SUV_{peak} values.



Supplemental Figure 3: Intra-tumor variation of SUV_{peak}. SUV_{peak} values (left, absolute values; middle, normalized to mean) at baseline in 35 tumors (ordered from smallest to largest) arising from different ROI_{peak} definitions. (Right) Overall variation of intra-tumor SUV_{peak} and variation associated with changing size, location, and shape of ROI_{peak} . Boxes represent coefficient of variation, whiskers show range, and solid line depicts median of SUV_{peak} values.



Supplemental Figure 4: Variation of population average SUV_{peak}. SUV_{peak} values (left, absolute values; middle, normalized to mean, dashed line) arising from different ROI_{peak} definitions averaged over all tumors (population average). (Right) Overall variation of population average SUV_{peak} and variation associated with changing size, location, and shape of ROI_{peak}. Boxes represent coefficient of variation, whiskers show range, and solid line depicts median.