

**Supplement 4:** Correlation of SUV<sub>max</sub> and TU/BG ratios and PSA, and TU/BG ratios and PSA-values.

The Pearson's correlation coefficient was applied to compare the different response assessment criteria, but no correlation could be found between neither SUV<sub>max</sub> and TU/BG, SUV<sub>max</sub> and PSA, nor Tu/BG and PSA-values.

