Supplementary material: Wittau M. et al., “Population Pharmacokinetics and Target Attainment of Ertapenem in Plasma and Tissue Assessed via Microdialysis in Morbidly Obese Patients after Laparoscopic Visceral Surgery”

Figure S1: Visual predictive checks for ertapenem concentrations in plasma (unbound and total drug), and unbound ertapenem in subcutaneous tissue and peritoneal fluid after 1,000 mg ertapenem dosed as 15 min infusions at 0 and 26 h. The markers are observed concentrations; the median represents the central tendency of the model predicted concentrations; the 25th to 75th percentile lines show the interquartile range of the predictions and the 10th to 90th percentiles represent the 80% prediction interval. Ideally, the median should reflect the central tendency of the observations and 10% of the observations should fall outside of the 80% prediction interval on either side.

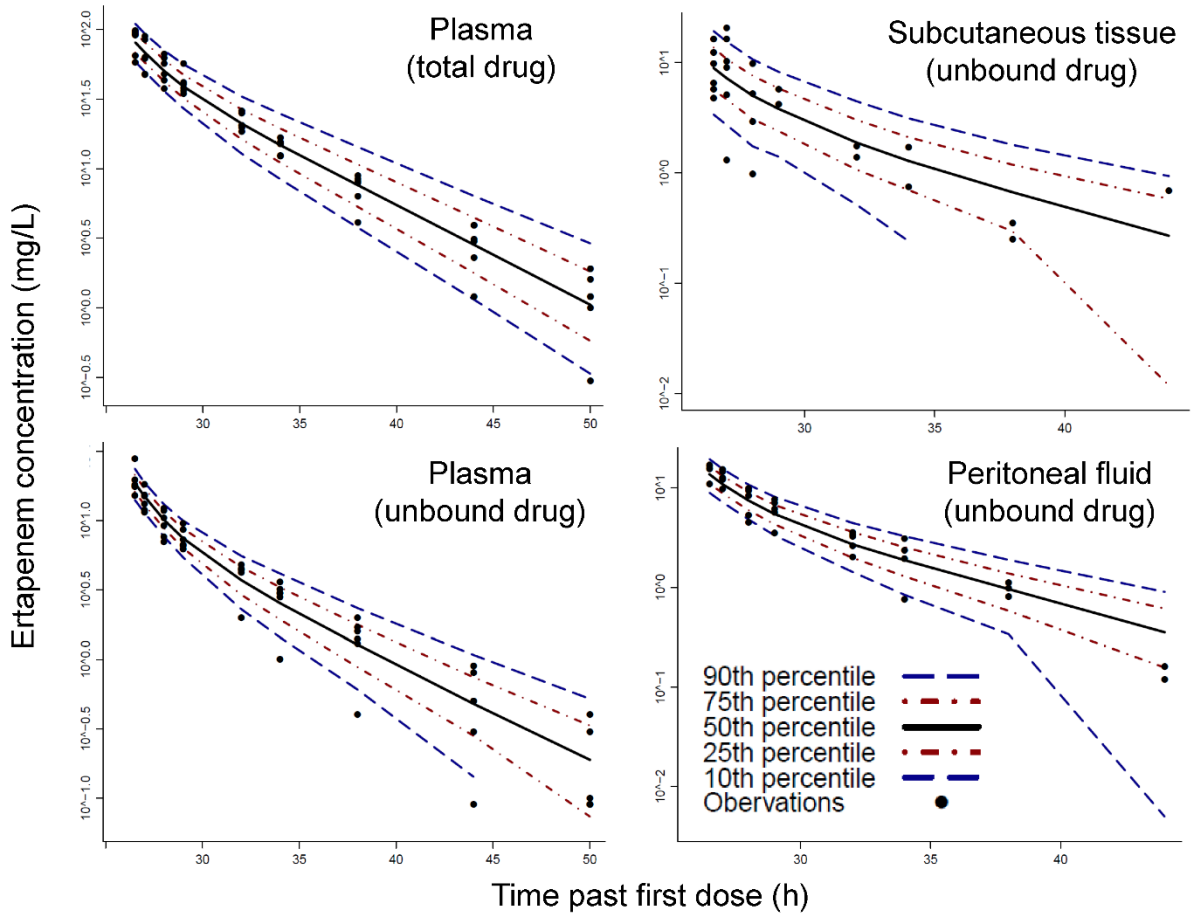

Figure S2: Observed vs. individual fitted ertapenem concentrations in plasma (unbound and total drug), and unbound ertapenem in subcutaneous tissue and peritoneal fluid. The green line represents the line of identity and the dashed blue line a LOESS smoother through the observations.

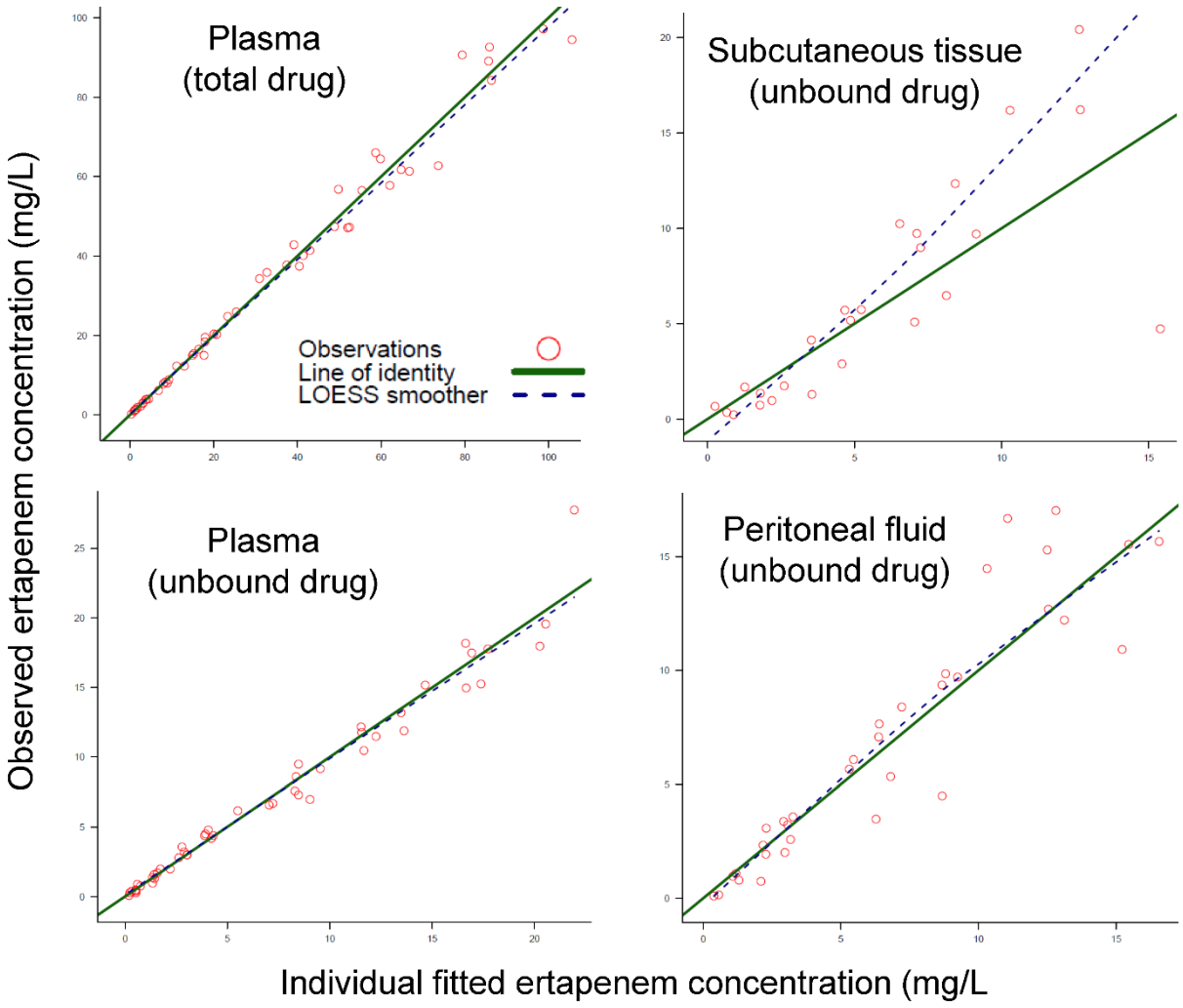

Figure S3: Observed vs. population fitted ertapenem concentrations in plasma (unbound and total drug), and unbound ertapenem in subcutaneous tissue and peritoneal fluid. The green line represents the line of identity and the dashed blue line a LOESS smoother through the observations.