**Figure S1.** Box (median, 25th and 75th percentiles) and whisker (10th and 90th percentiles) plots of unbound peak ($fC_{\text{max}}$) plasma concentrations observed in critically ill patients treated with six beta-lactam antibiotics. The numbers of peak samples (n) is presented per antibiotic. Outliers are removed using ROUT method (Q = 0.5%). Filled circles are remaining outliers.

*Amoxicillin and Amoxicillin/Clavulanic acid*