

Figure 1: Scatter Plots of Observed blood NNZ-2566 Concentrations

Solid line represents median of the observations, shaded area are the 5th and 95th percentiles of the observed data. Dots represent individual measurements.

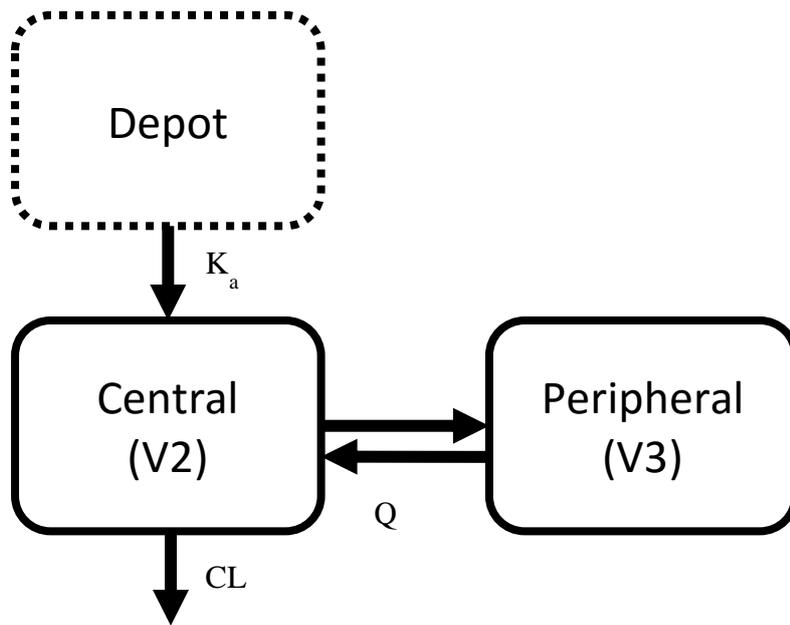


Figure 2: **Pharmacokinetic model structure of NNZ-2566.**

With K_a as the absorption constant, CL as clearance, Q for intercompartmental clearance, V_2 and V_3 for the central and peripheral volumes of distribution respectively.

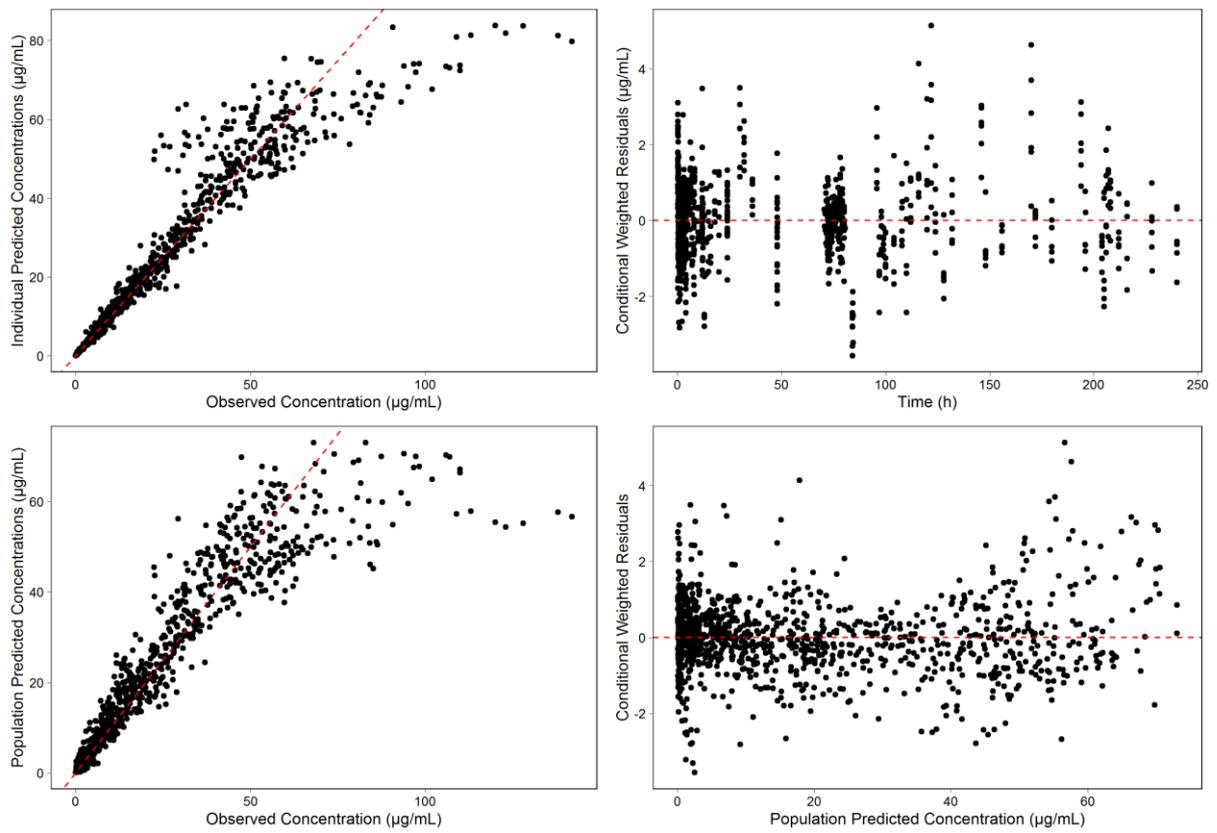


Figure 3: **Goodness-of-Fit plots**

Black dots are individual values; red dashed line is the identity line.

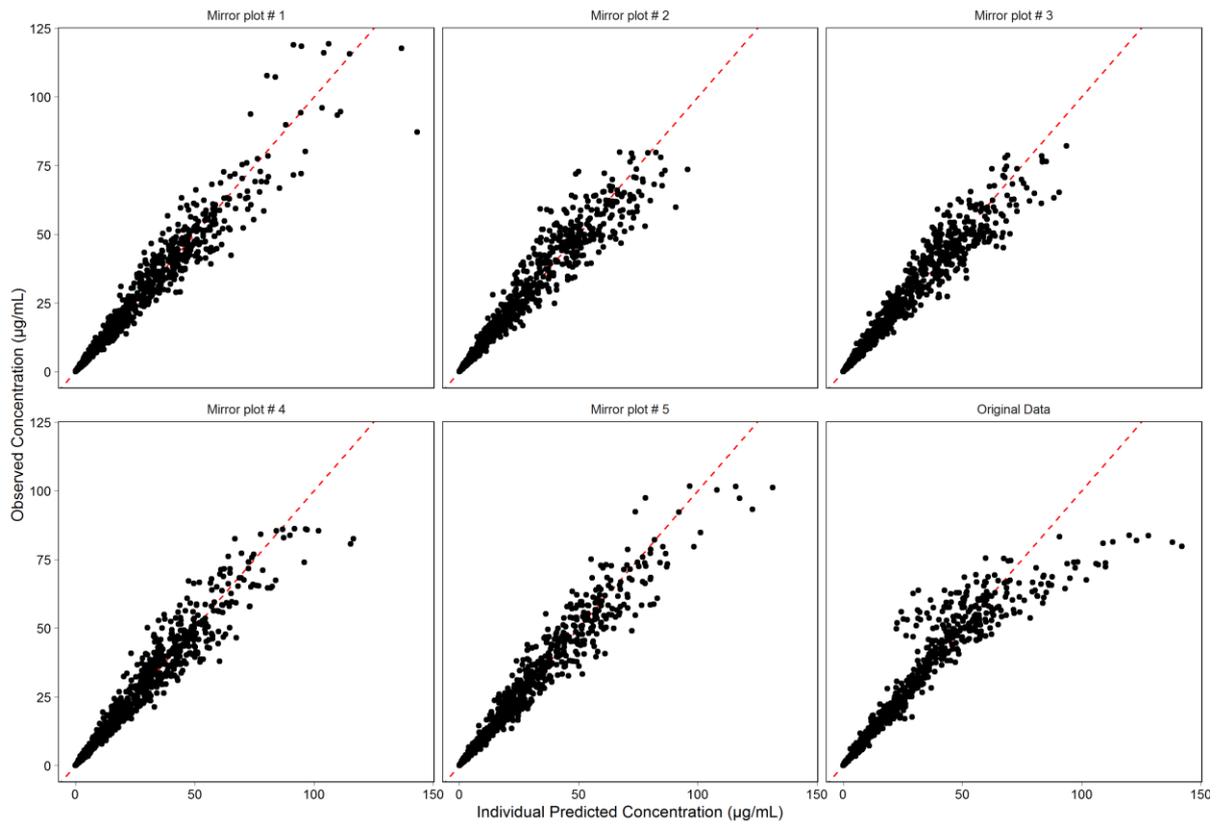


Figure 4: **Mirror Plots**

Individual Predicted NNZ-2566 Concentrations versus Observed Concentrations for original data and simulated data using the healthy subject model

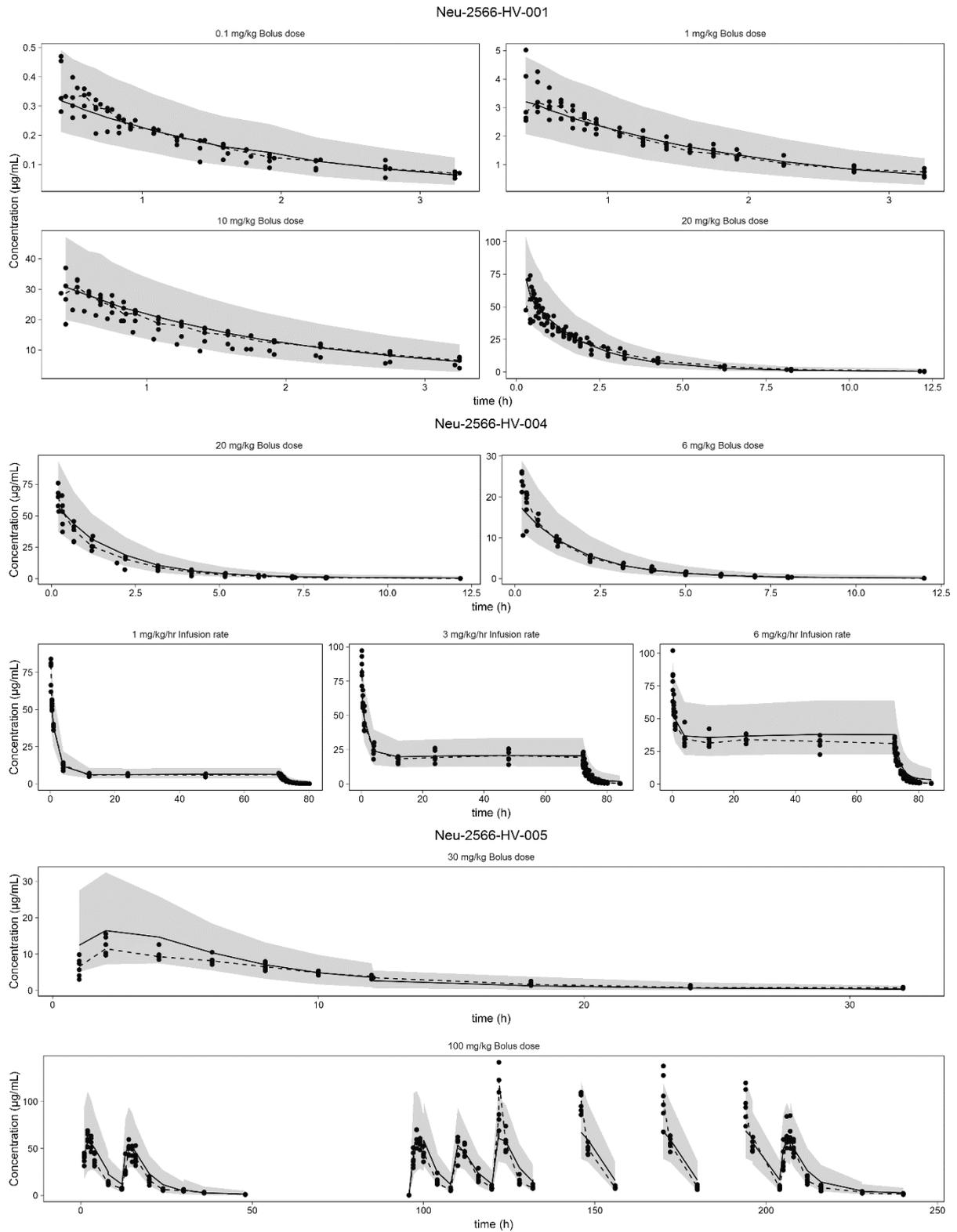


Figure 5: Visual Predictive Check

Solid line represents median and shaded area represent the 90% confidence interval of simulated values. The dashed black line and dots represent the median and individual observed data values respectively.