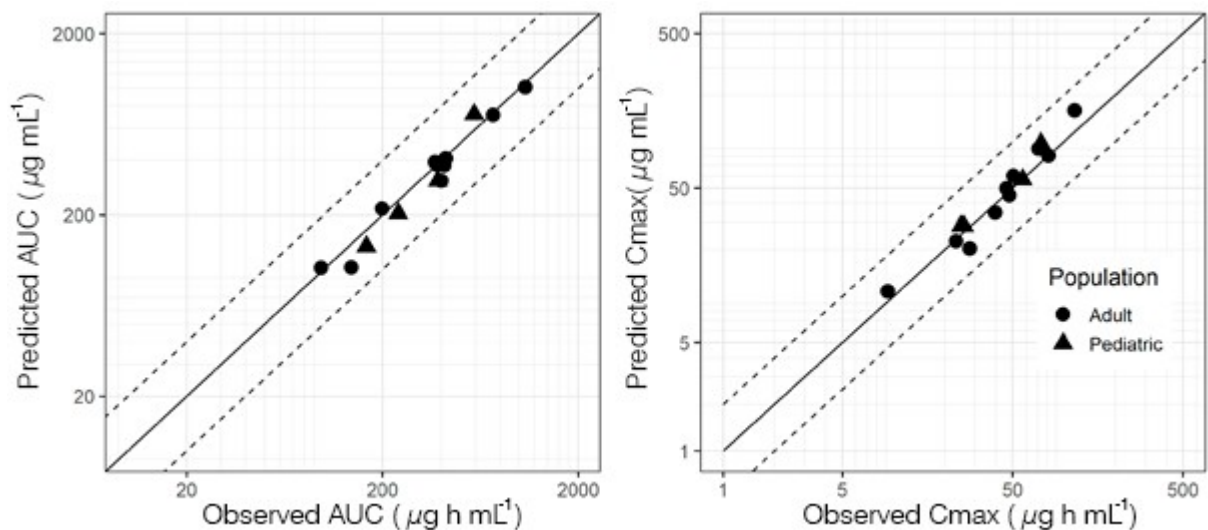
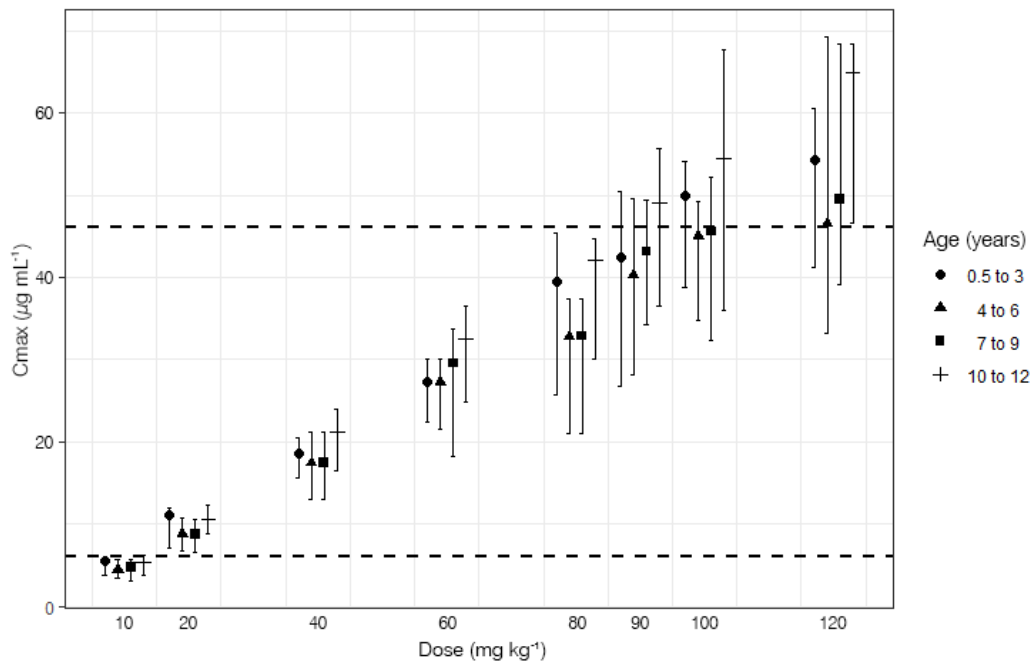


**Figure 1:** Observed and simulated pharmacokinetic profiles of LEV. The solid lines represent simulated mean, grey areas between dashed lines represent 5-95th percentiles of predictions and the black circles are observed data from each experimental condition.

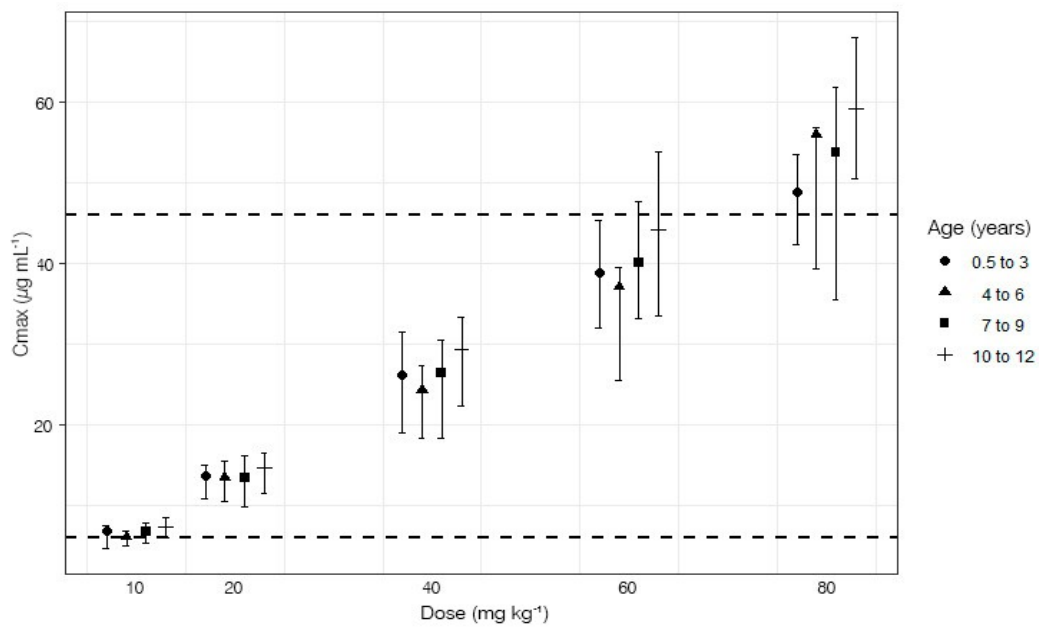


**Figure 2:** Goodness-of-fit graphs for simulated and observed AUC and Cmax. Solid lines represent lines of unity, dashed lines represent two-fold differences.

A



B



**Figure 3 (A):** Graph of maximum concentration (C<sub>max</sub>) interval for each dose by age groups for a TID regimen. Traced lines represent the therapeutic window. **(B):** Graph of maximum concentration (C<sub>max</sub>) interval for each dose by age groups for a BID regimen. Traced lines represent the therapeutic window.