

Fig. S1.1: Individual curve fitting of patient's observations in logarithmic scale (patients 1, 2)

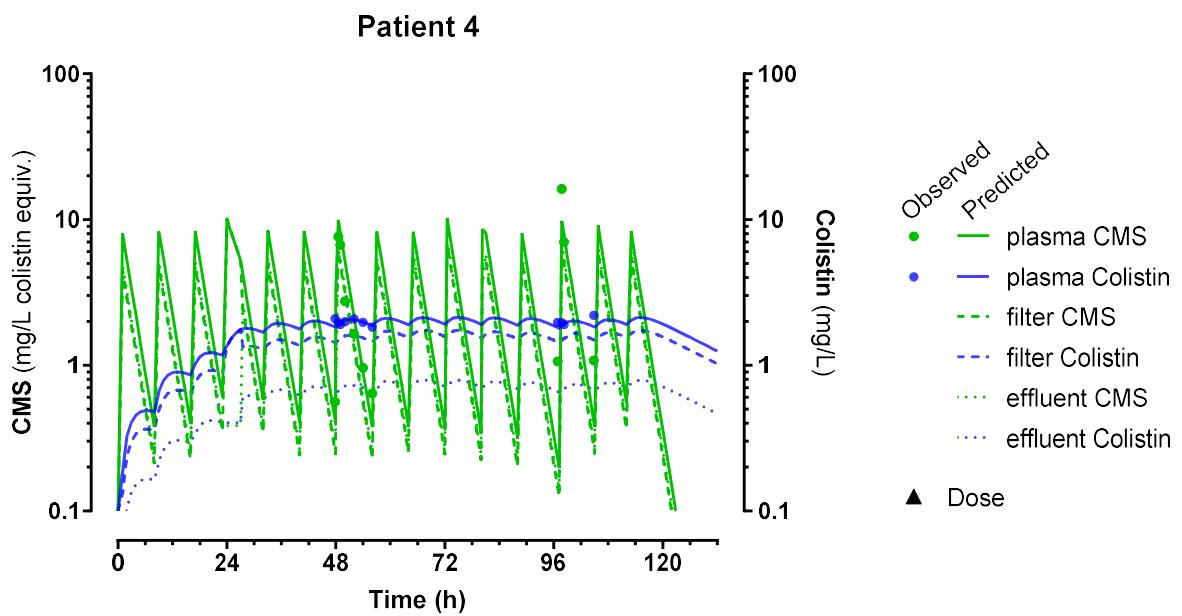
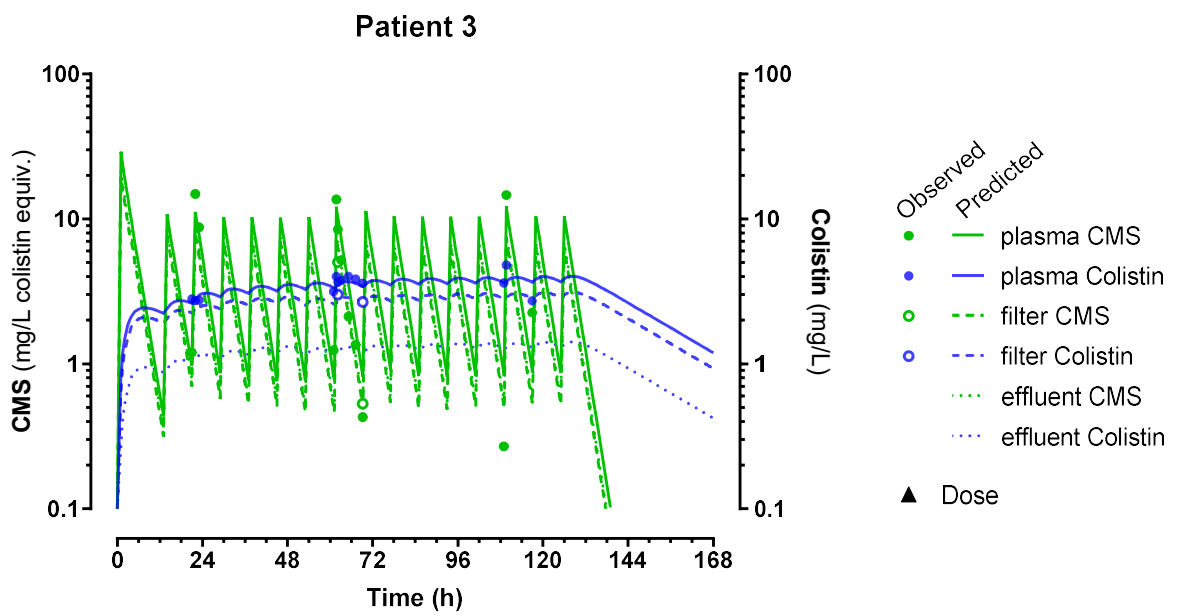


Fig. S1.2: Individual curve fitting of patient's observations in logarithmic scale (patients 3, 4)

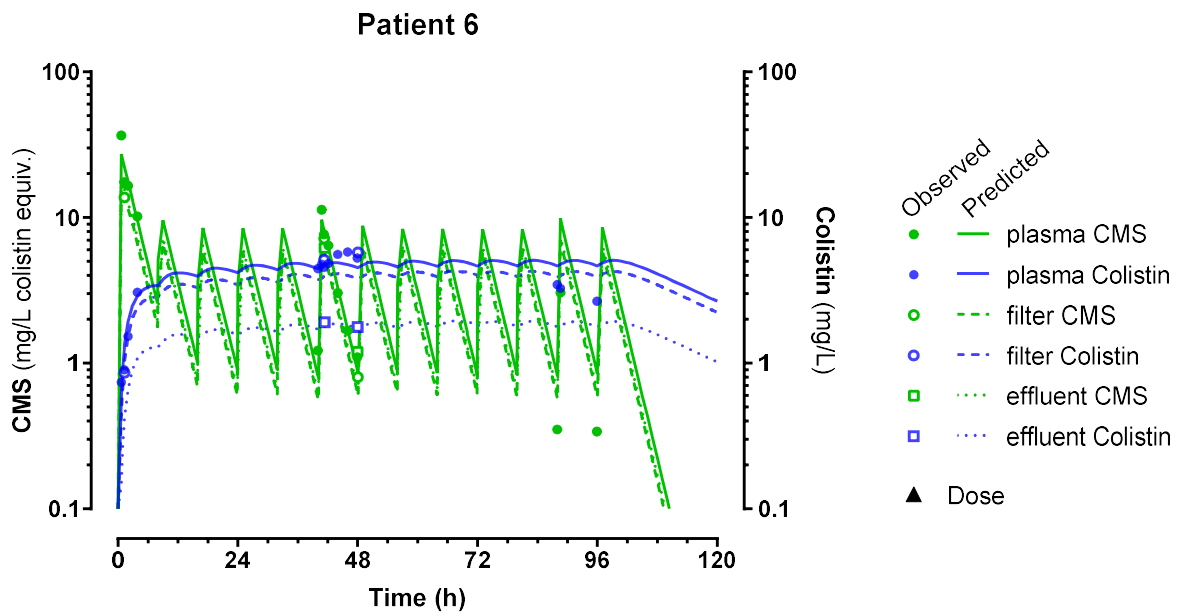
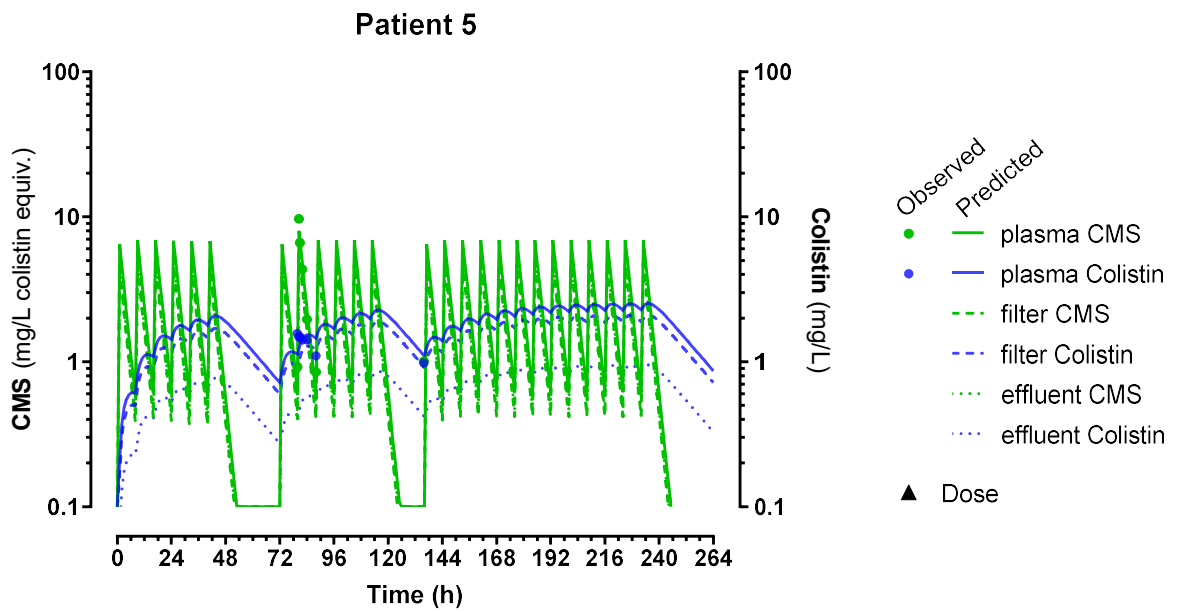


Fig. S1.3: Individual curve fitting of patient's observations in logarithmic scale (patients 5, 6)

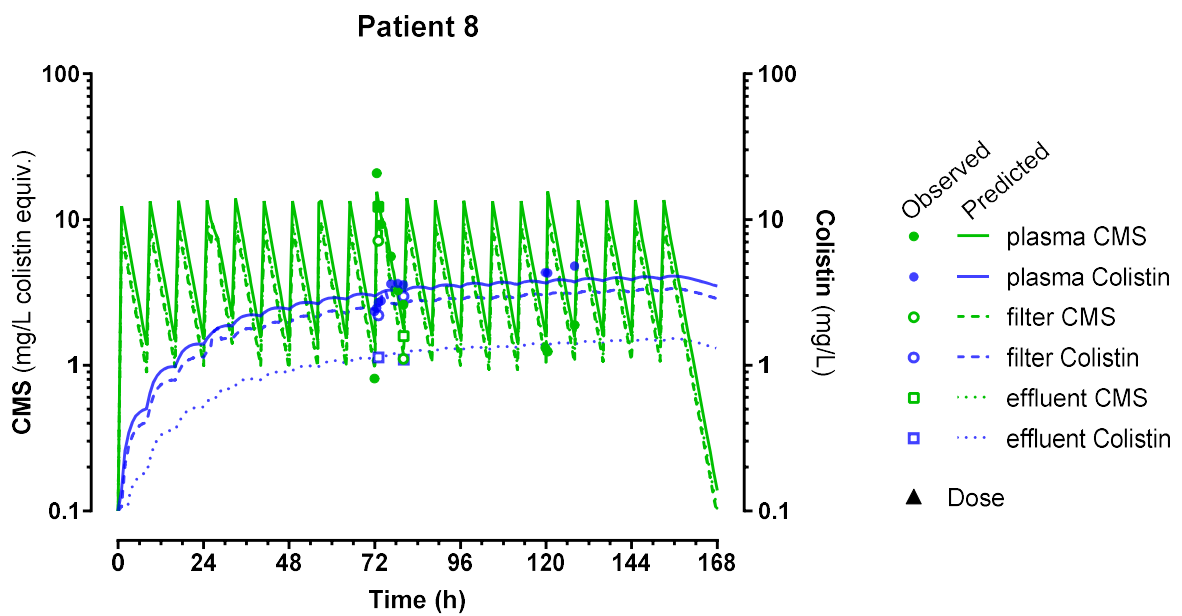
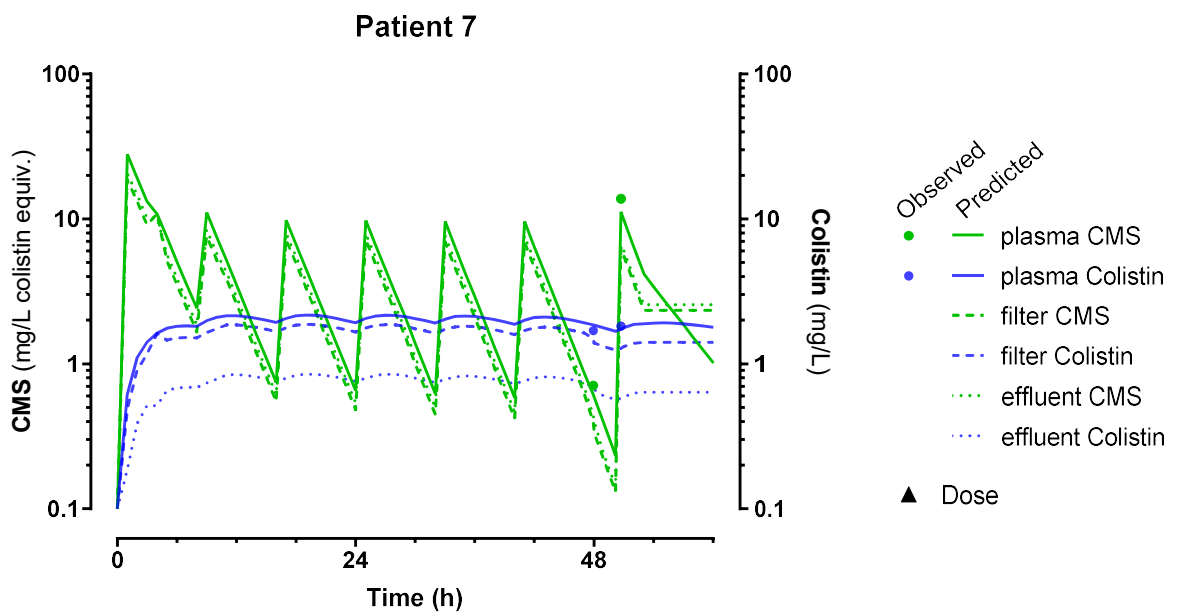


Fig. S1.4: Individual curve fitting of patient's observations in logarithmic scale (patients 7, 8)

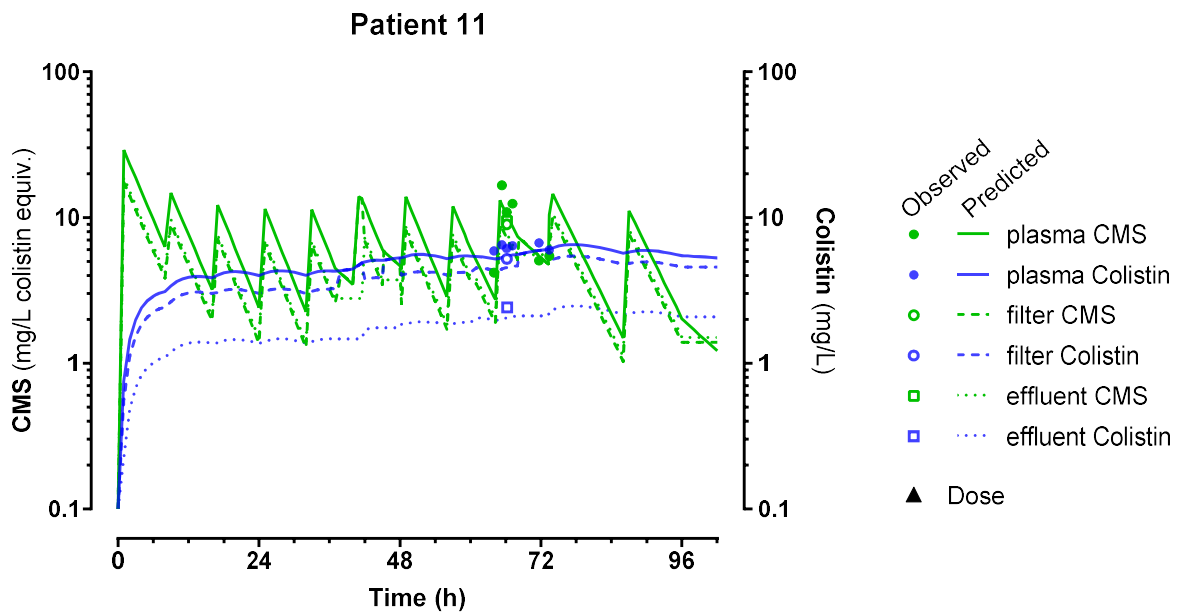
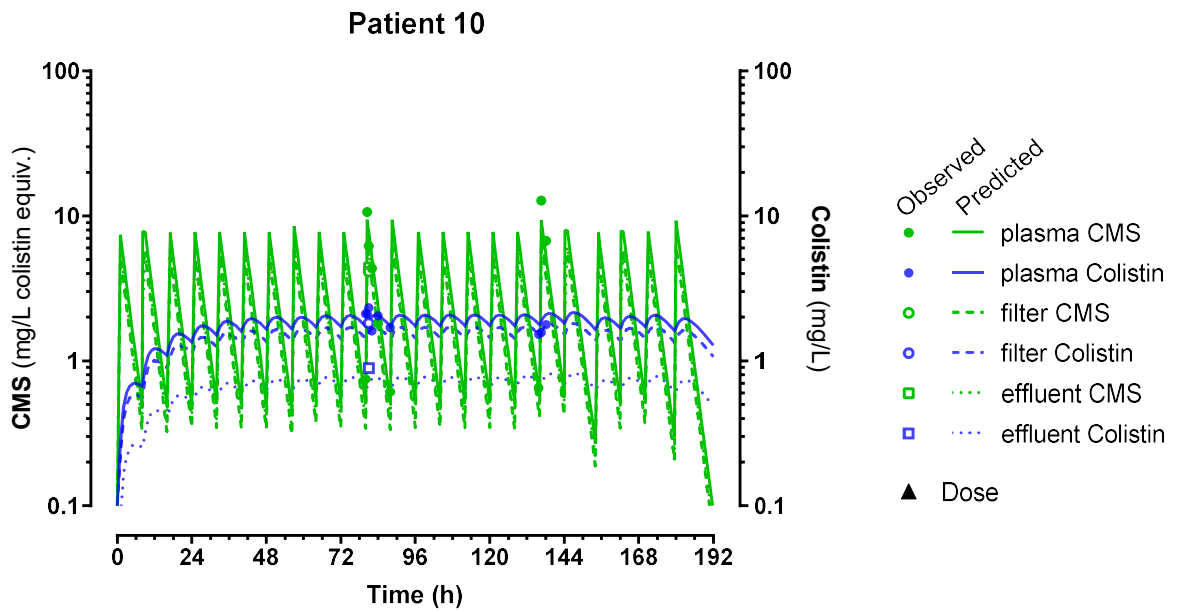


Fig. S1.5: Individual curve fitting of patient's observations in logarithmic scale (patients 10, 11)

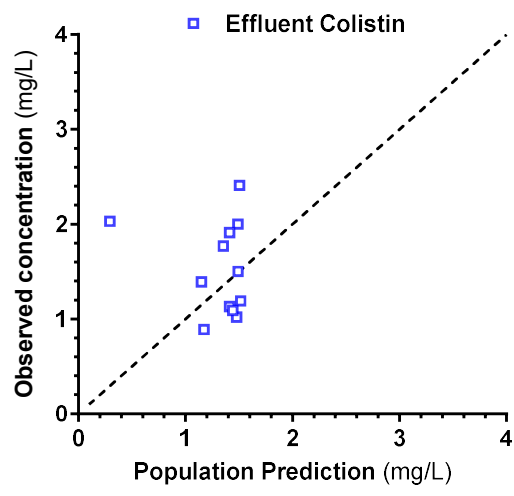
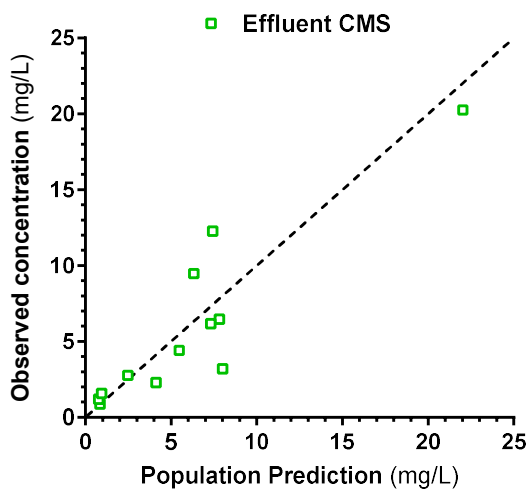
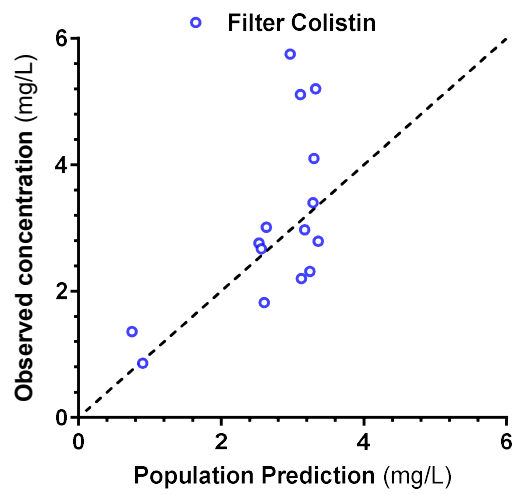
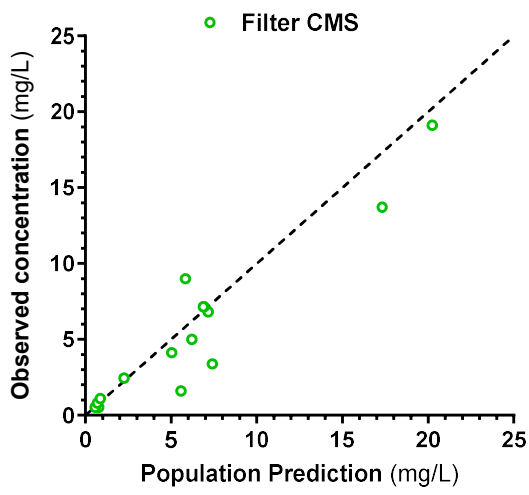
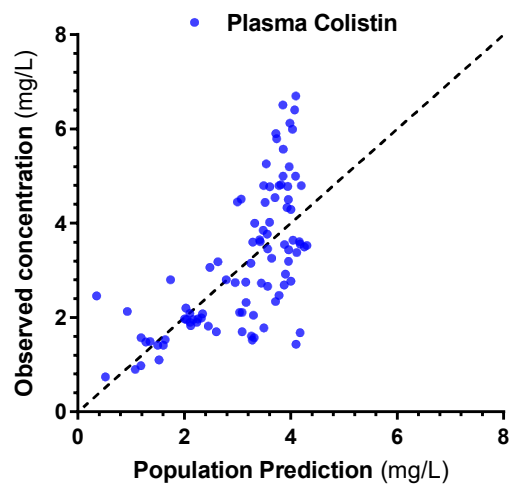
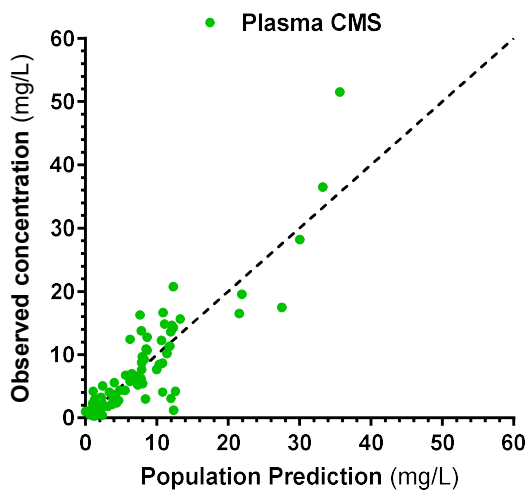


Fig. S2.1: Model diagnostic plots, observations *versus* population predictions, in arithmetic scale

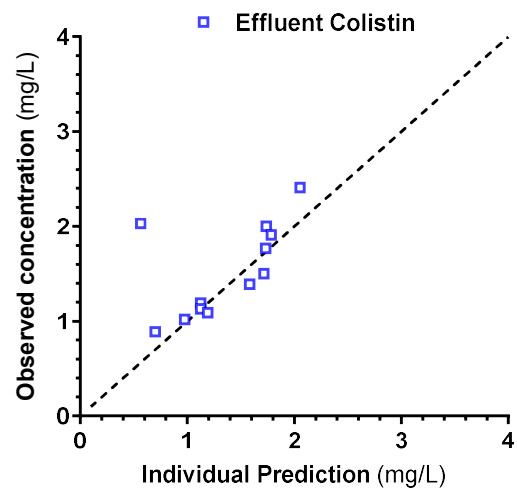
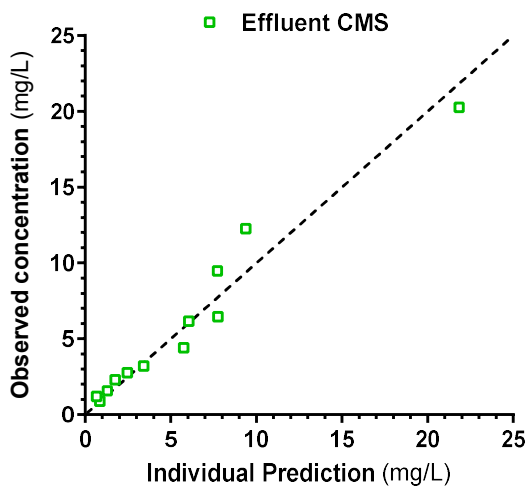
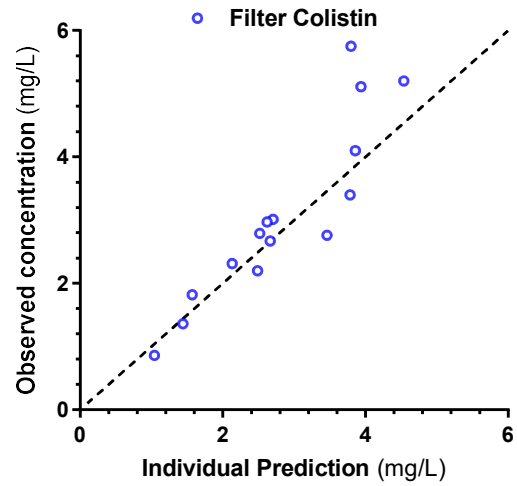
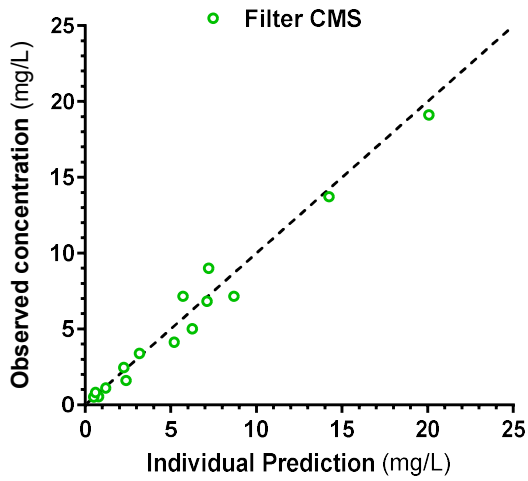
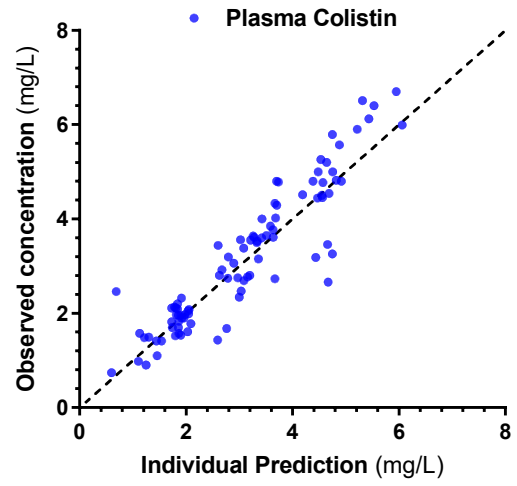
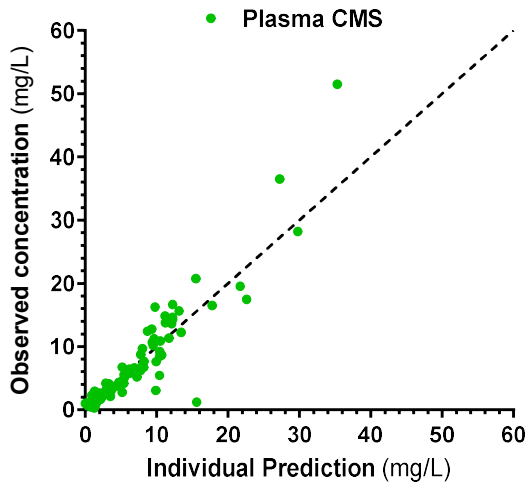


Fig. S2.2: Model diagnostic plots, observations *versus* individual predictions, in arithmetic scale

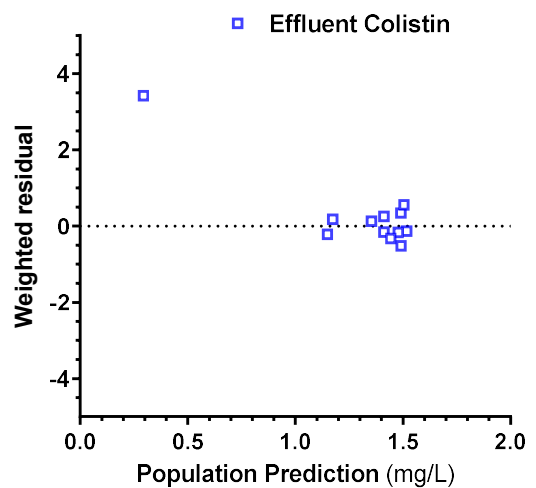
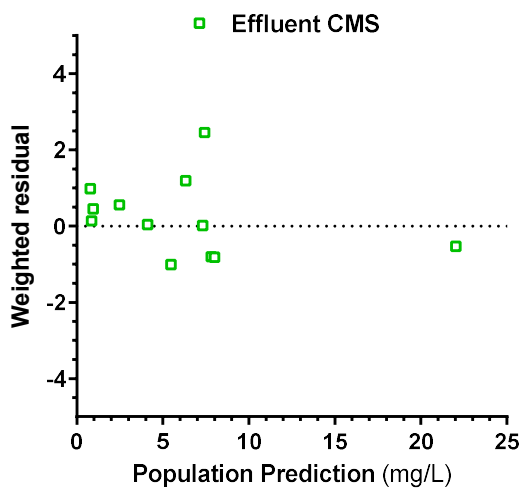
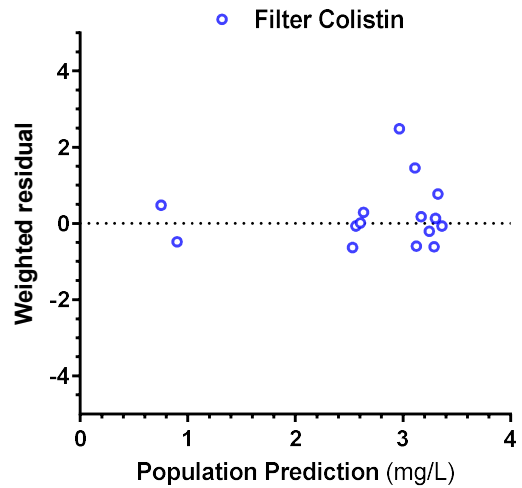
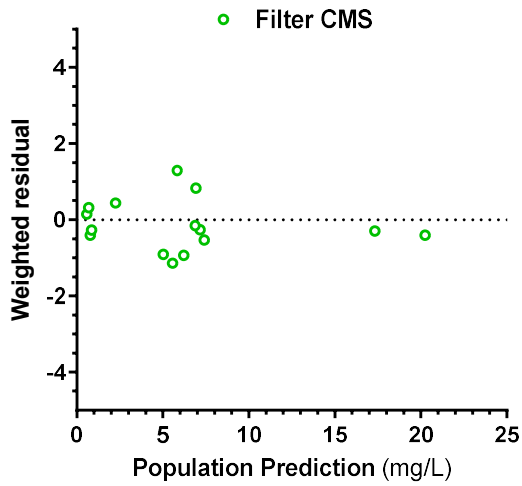
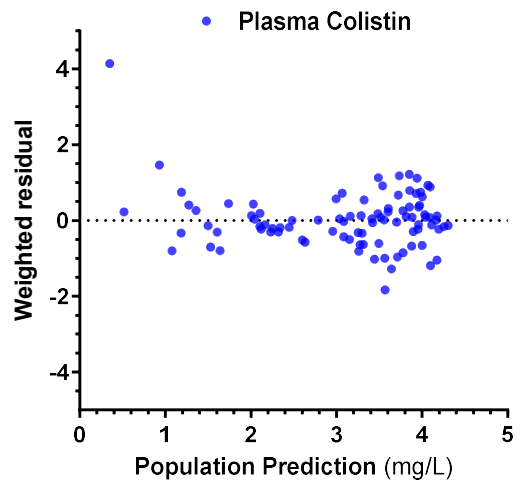
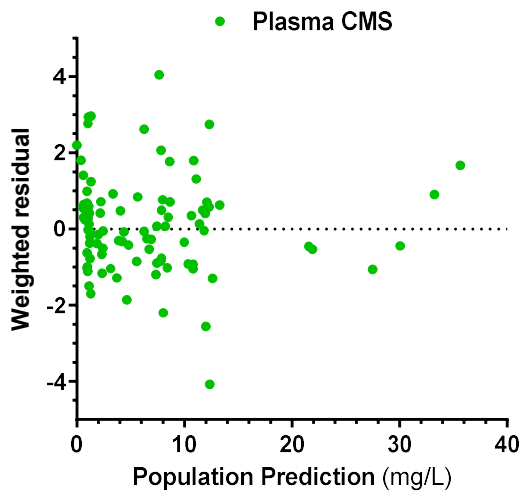


Fig. S2.3: Model diagnostic plots, weighted residuals *versus* population predictions, in arithmetic scale

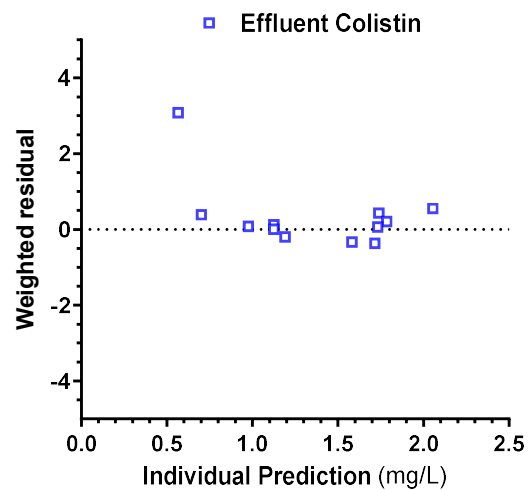
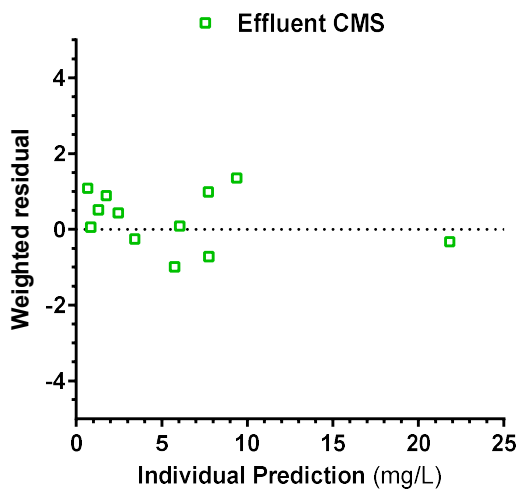
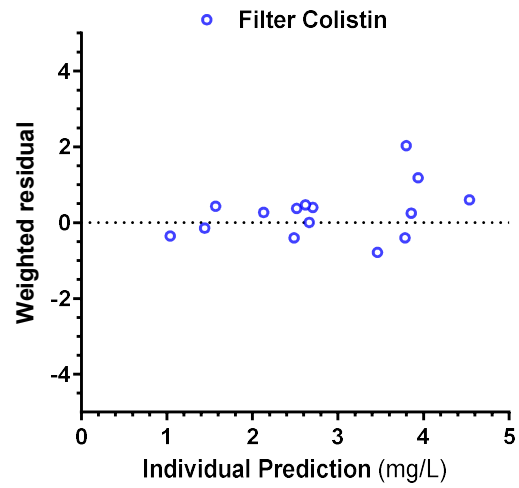
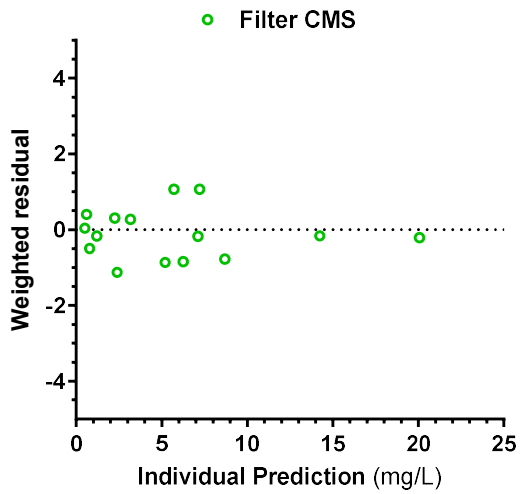
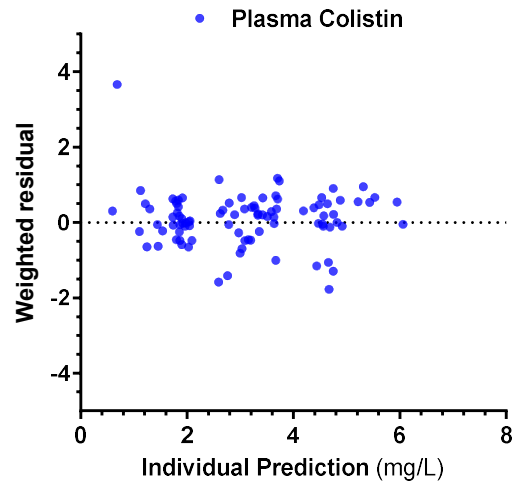
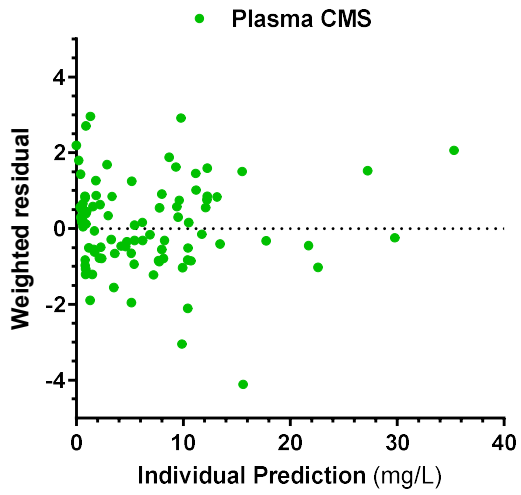


Fig. S2.4: Model diagnostic plots, weighted residuals versus individual predictions, in arithmetic scale

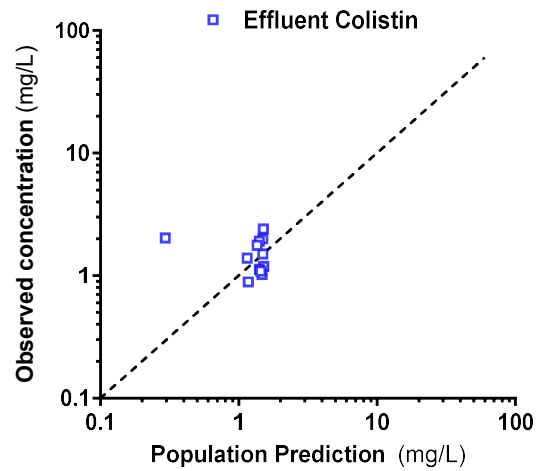
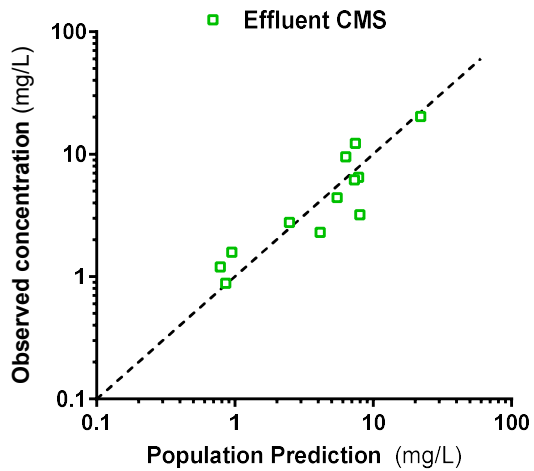
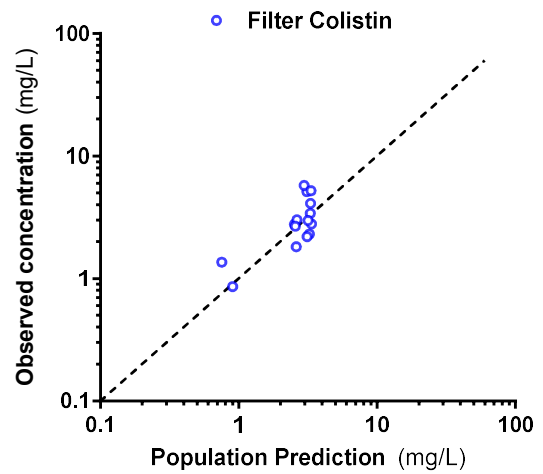
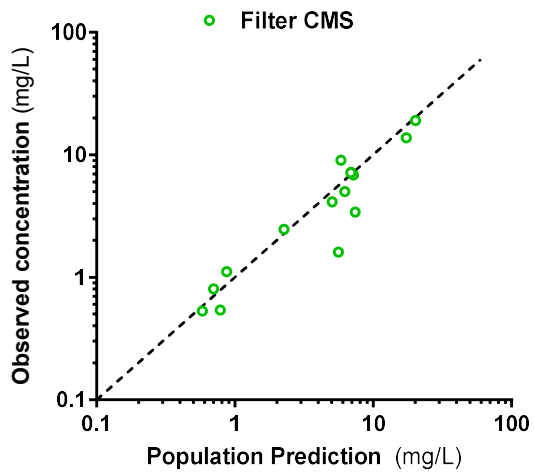
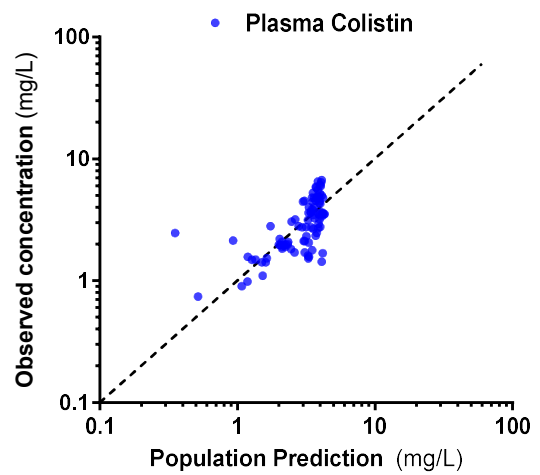
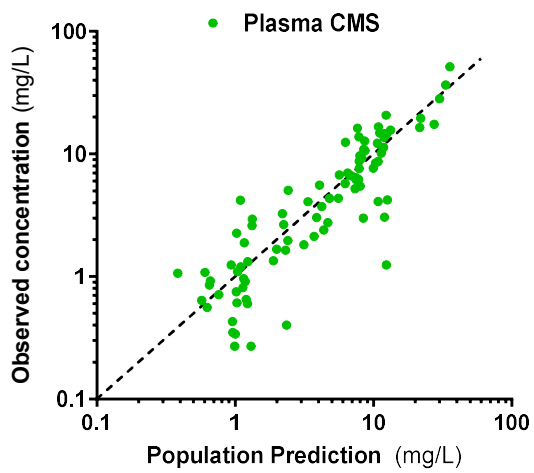


Fig. S3.1: Model diagnostic plots, observations versus population predictions, in logarithmic scale

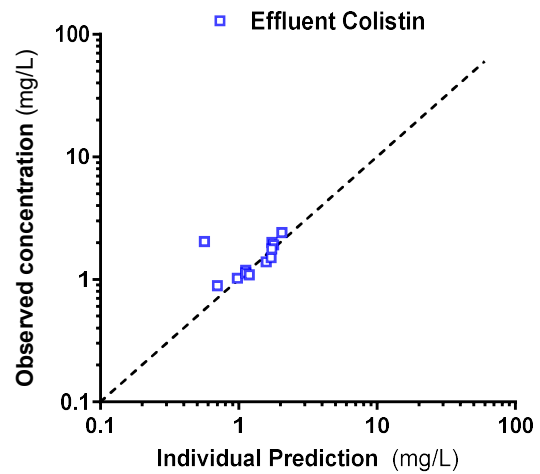
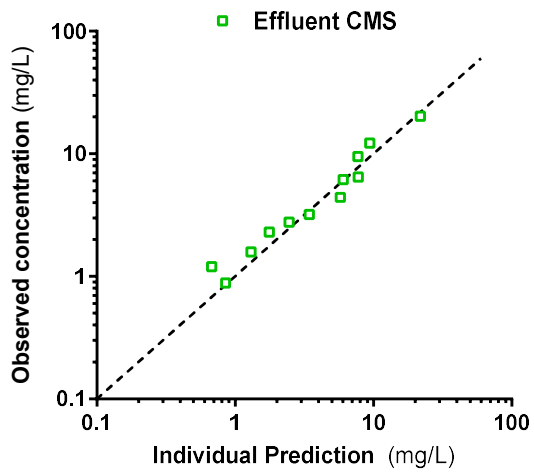
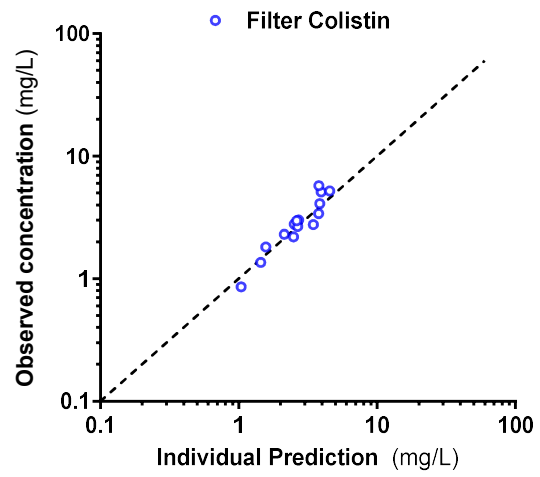
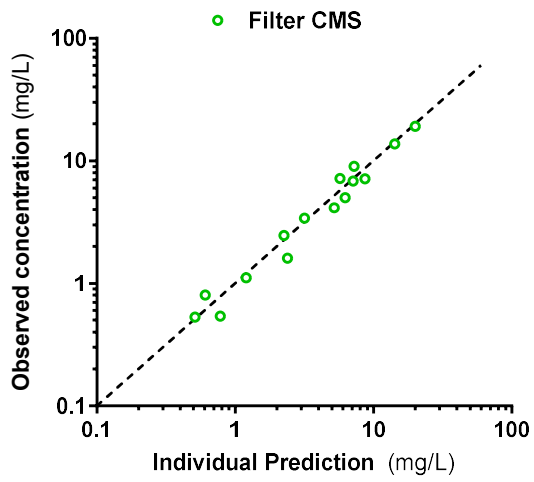
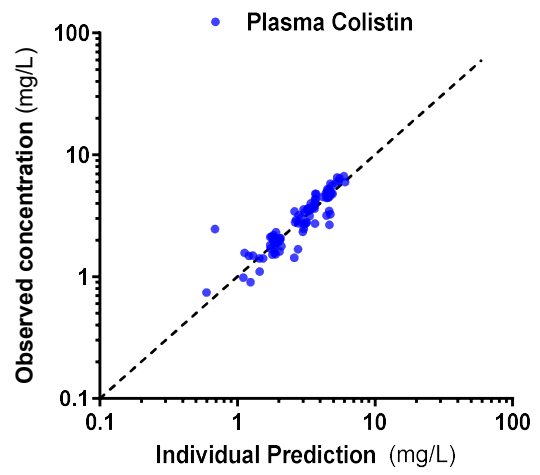
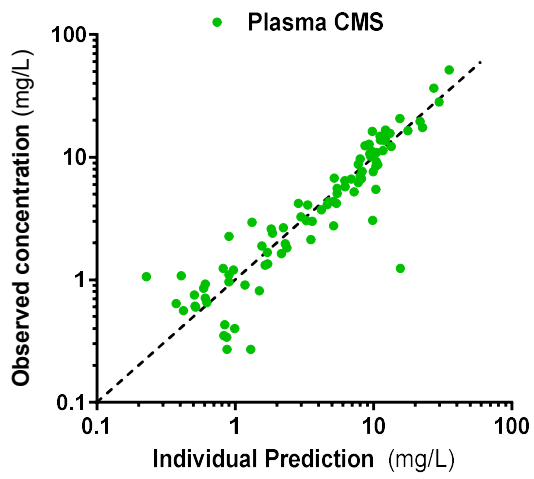


Fig. S3.2: Model diagnostic plots, observations versus individual predictions, in logarithmic scale

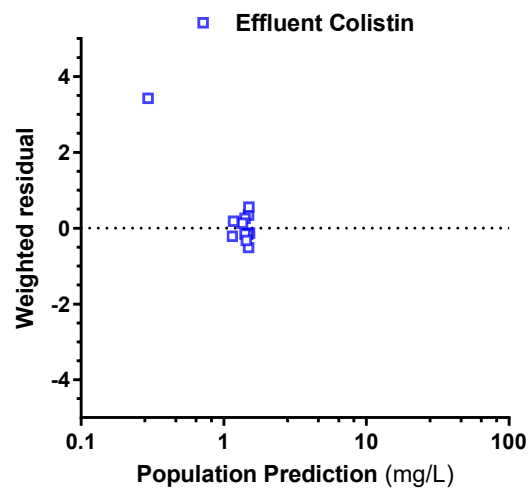
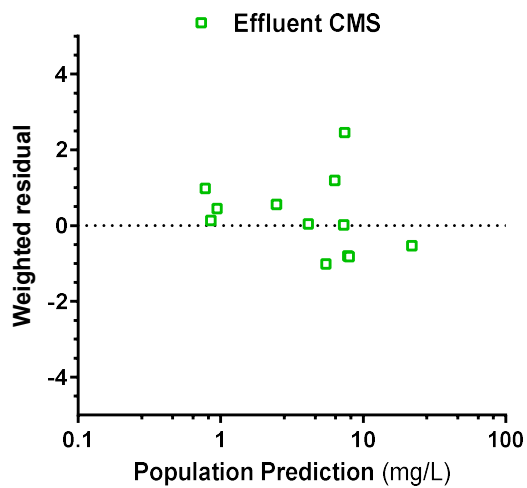
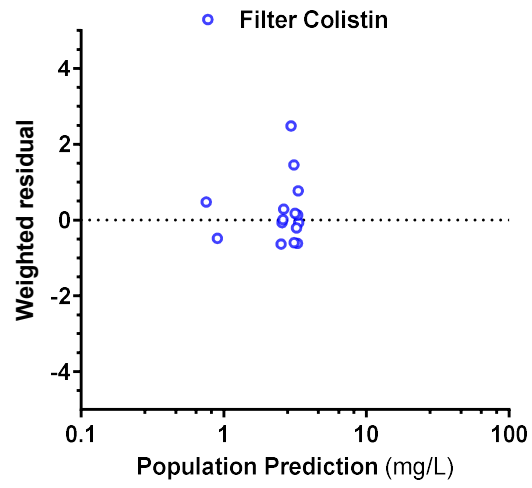
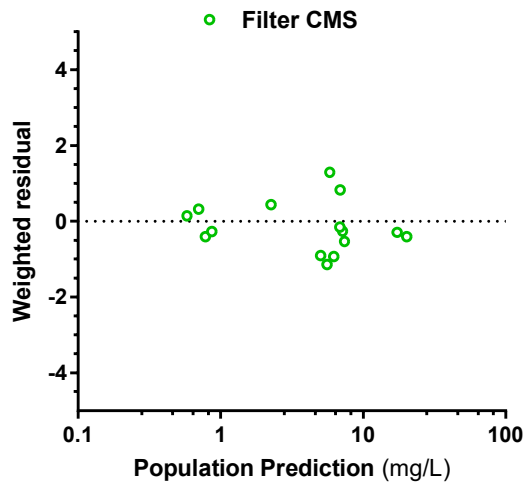
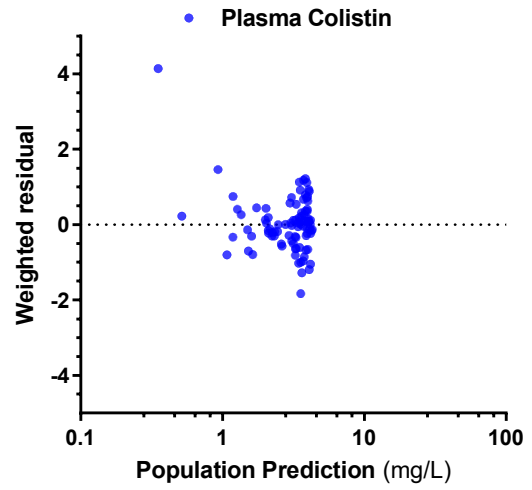
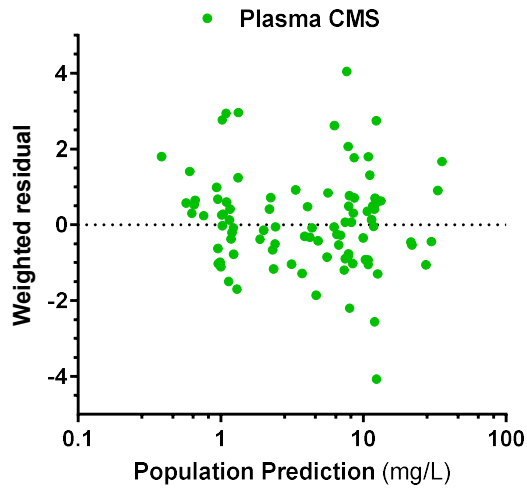


Fig. S3.3: Model diagnostic plots, weighted residuals versus population predictions, in logarithmic scale

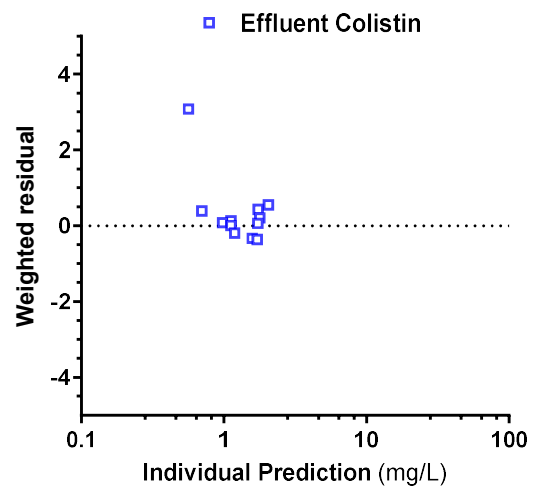
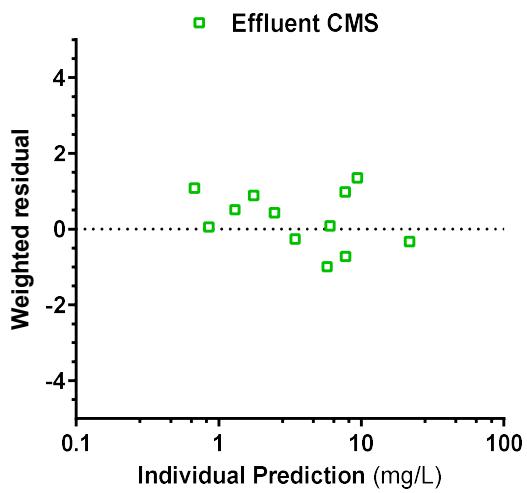
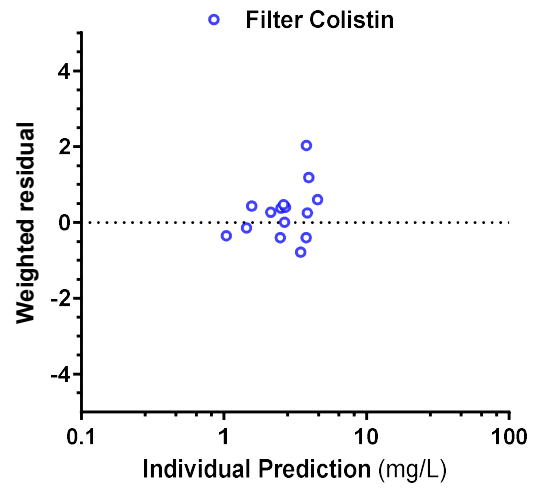
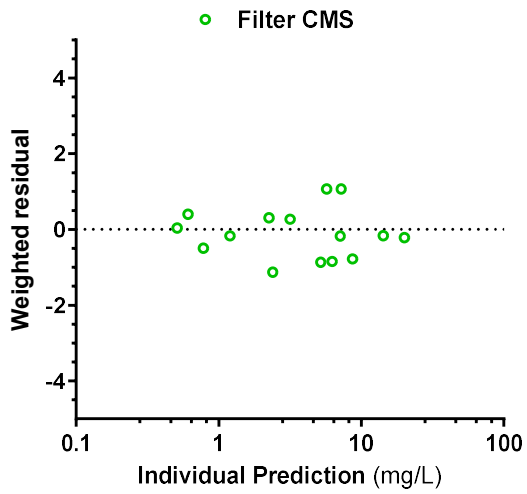
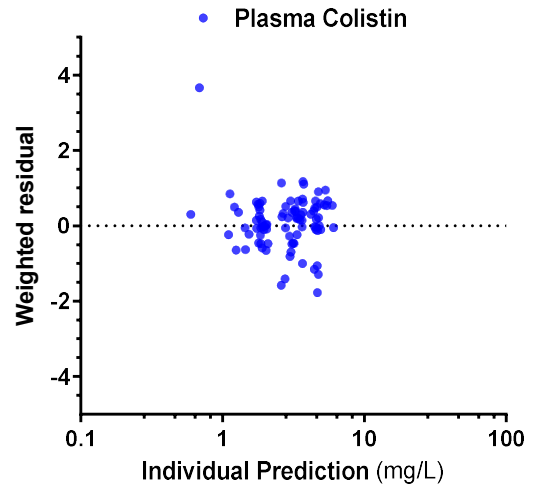
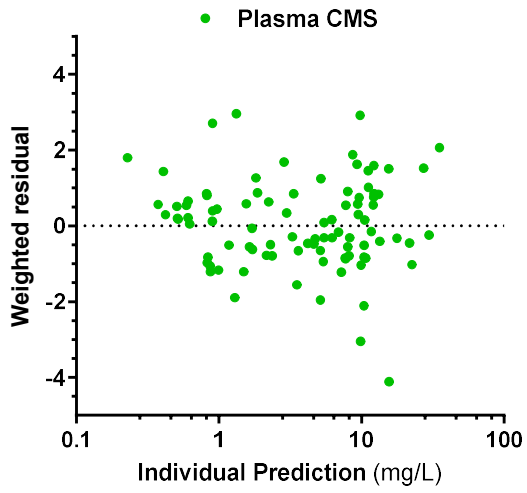


Fig. S3.4: Model diagnostic plots, weighted residuals versus individual predictions, in logarithmic scale