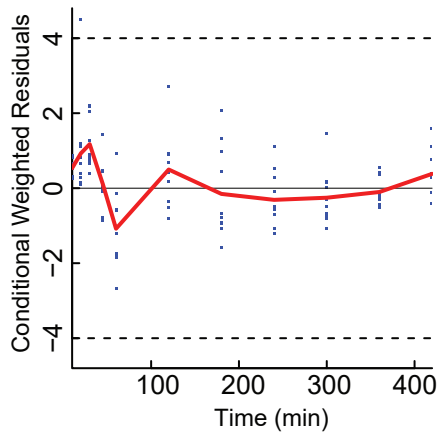
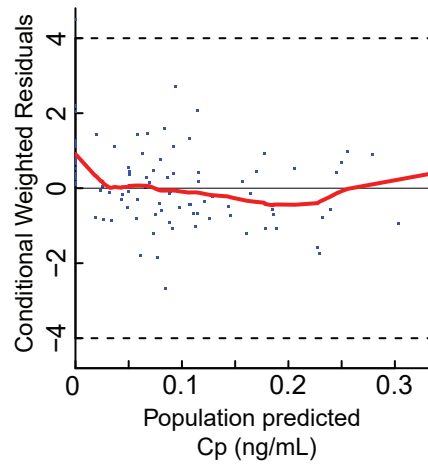


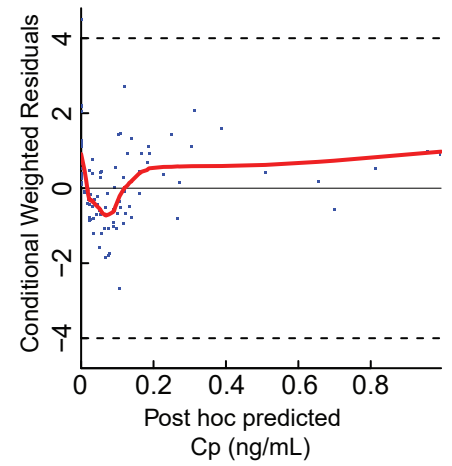
A.



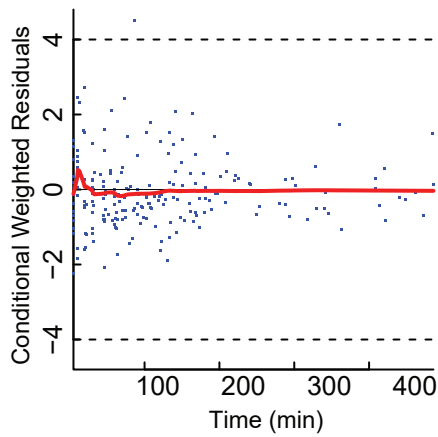
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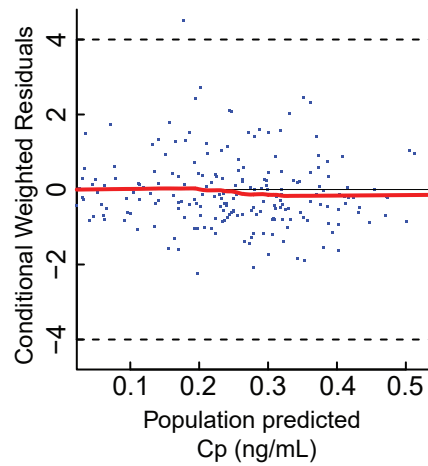
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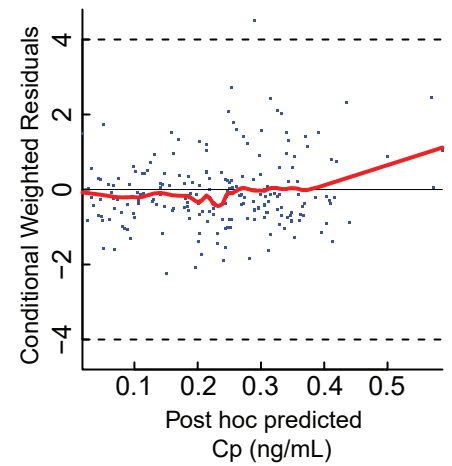
B.



D.



F.



Conditional Weighted Residual (CWRES) goodness-of-fit plots. Conditional Weighted Residual versus (A) time, (C) Population predicted, and (E) Post hoc predicted for our oral dexmedetomidine study group (n=10). Conditional Weighted Residual versus (B) time, (D) Population predicted, and (F) Post hoc predicted for pooled intravenous dexmedetomidine study group (n=13). Blue points represents the CWRES distribution. The red line is a super smoother (loess) for all patients. The horizontal black line at $y=0$ represents a perfect fit. In the plots, the CWRES are homogeneously distributed above and below the horizontal line at $y=0$.