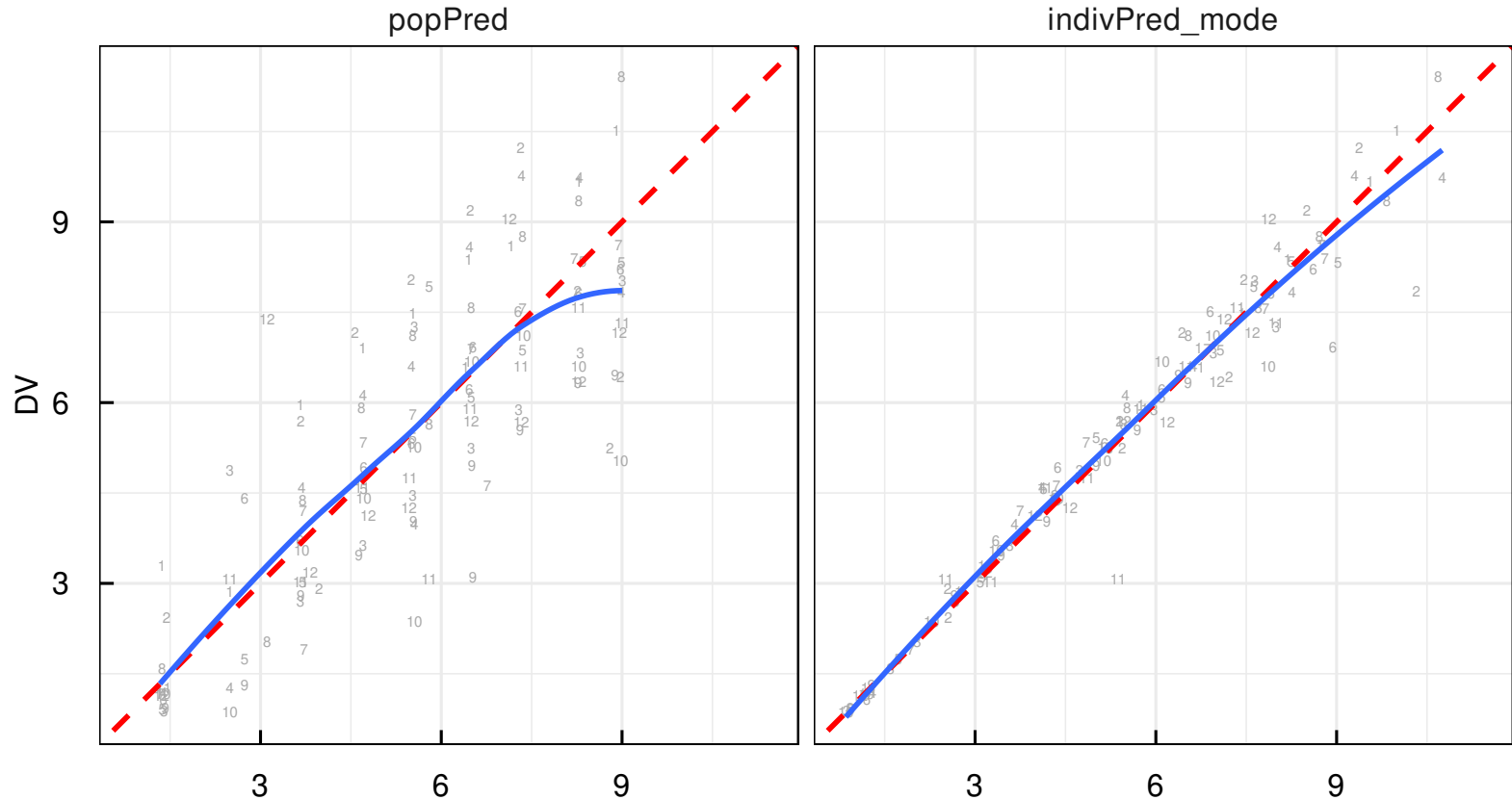


Output № 1: Theophylline Concentration [ug/ml] Observation vs. Population and Individual Predictions

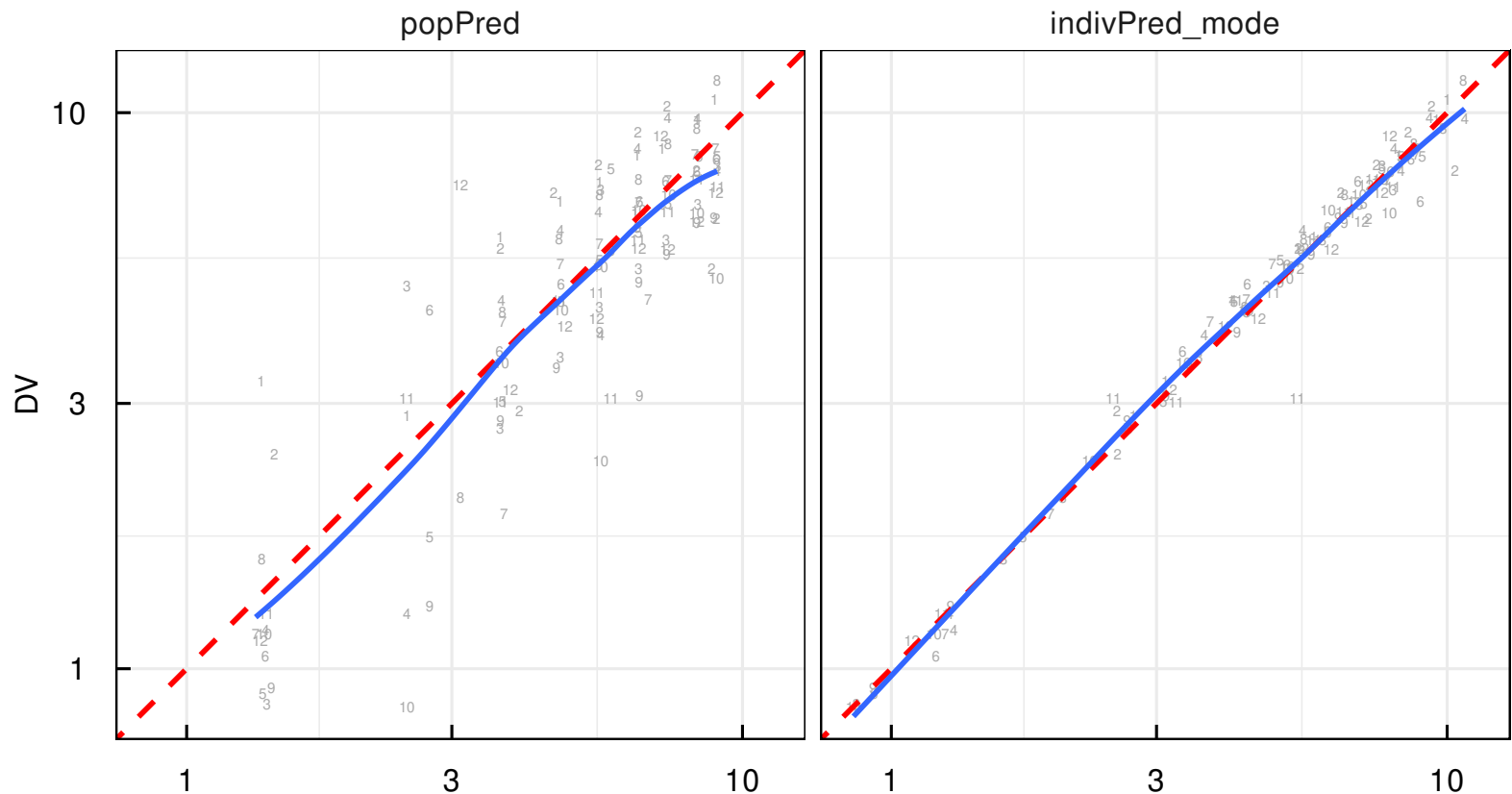
Linear Axes



DV: dependent variable; popPred: population prediction; indivPred_mode: individual prediction

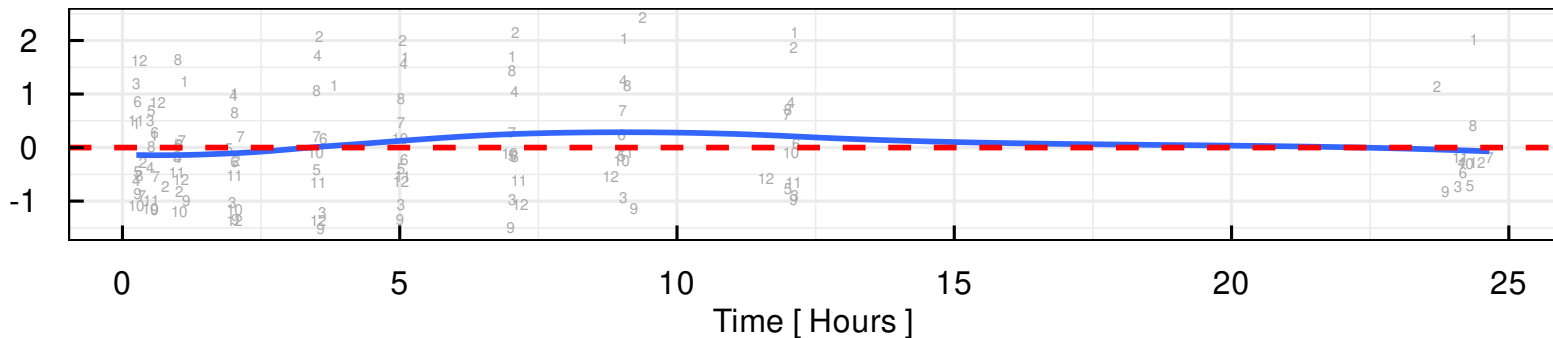
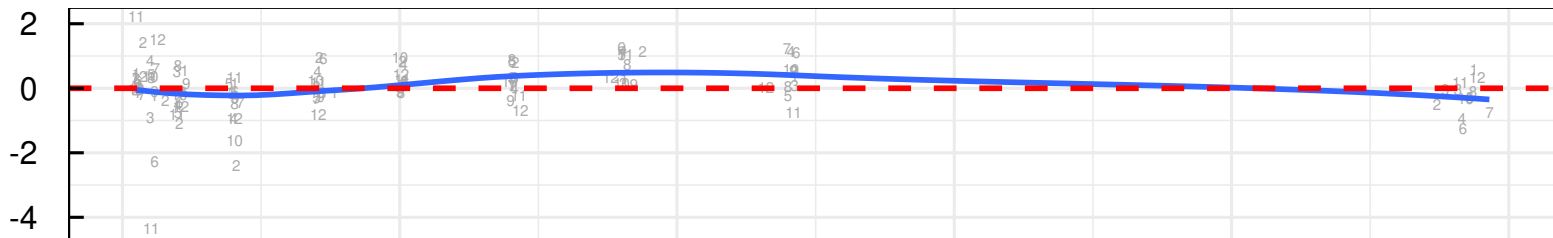
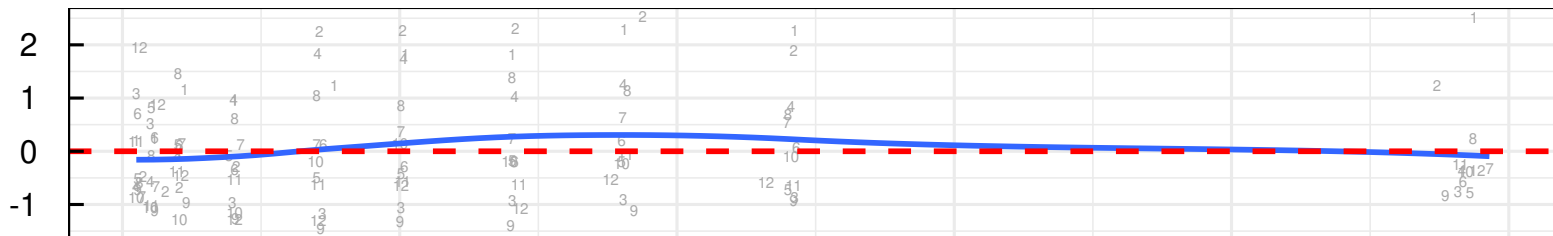
Output № 1: Theophylline Concentration [ug/ml] Observation vs. Population and Individual Predictions

Log Axes (zero values plotted on axis)



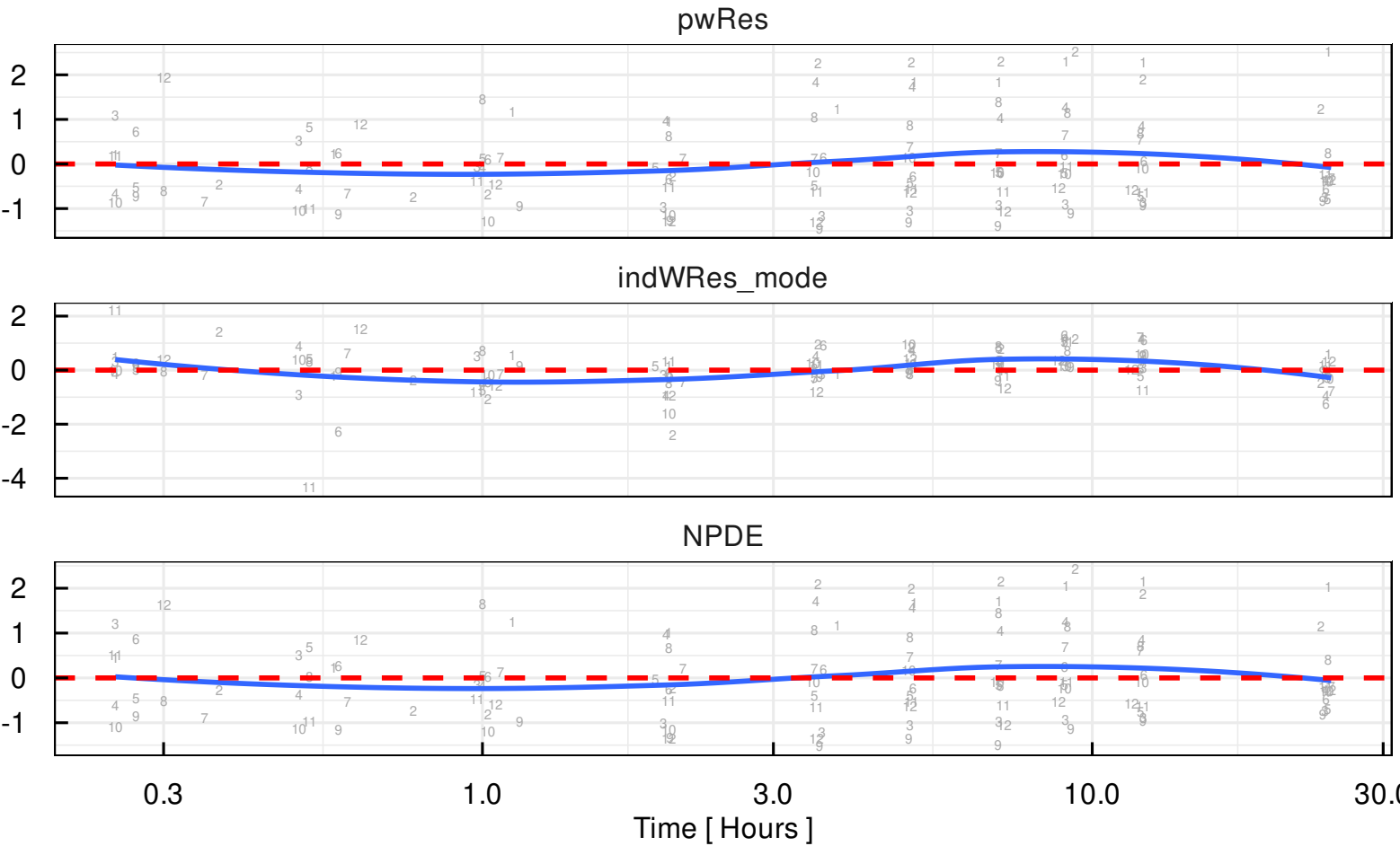
DV: dependent variable; popPred: population prediction; indivPred_mode: individual prediction

Weighted Individual and Population Residuals and NPDE vs. Time



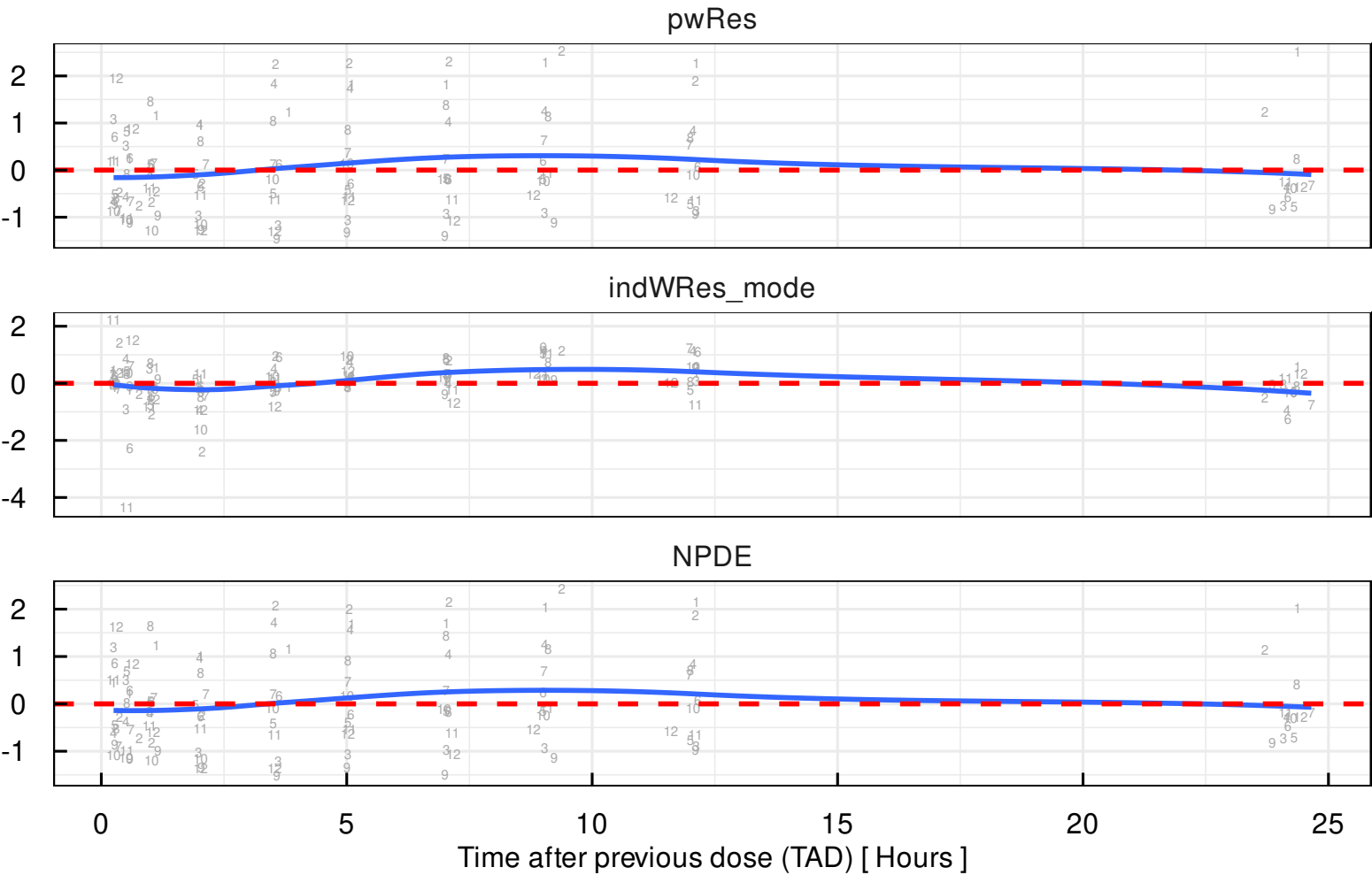
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]
Weighted Individual and Population Residuals and NPDE vs. Time
Log TIME axis (values for time = 0 plotted on axis)



pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]
Weighted Individual and Population Residuals and NPDE vs. TAD

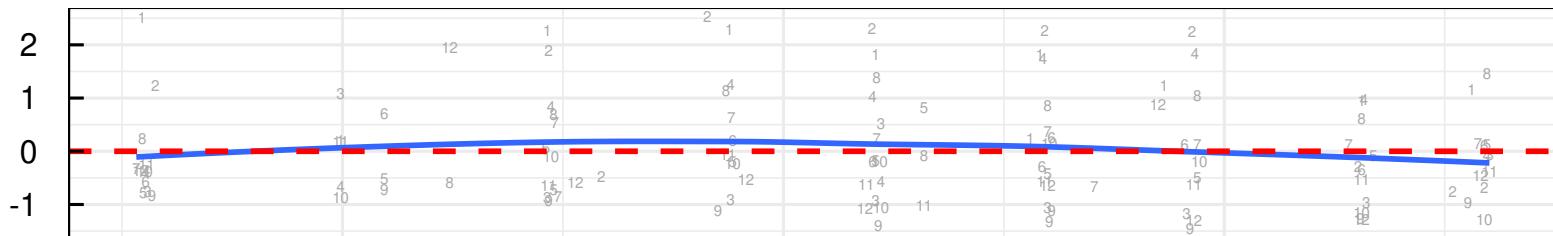


pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error

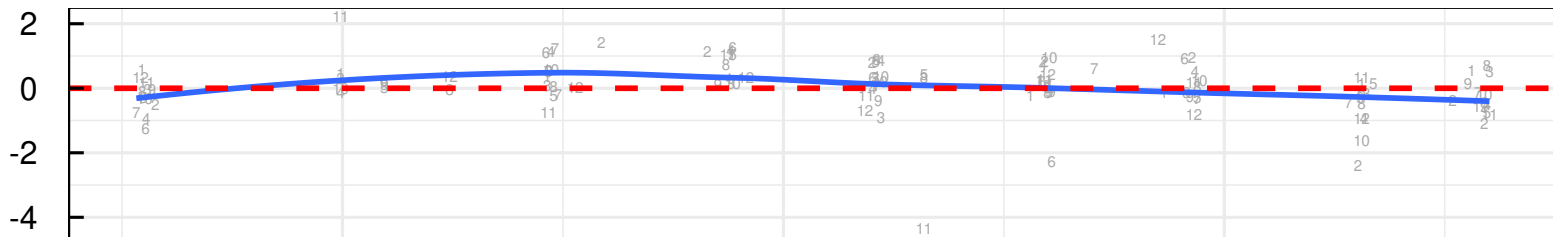
Output № 1: Theophylline Concentration [ug/ml]

Weighted Individual and Population Residuals and NPDE vs. Population Prediction

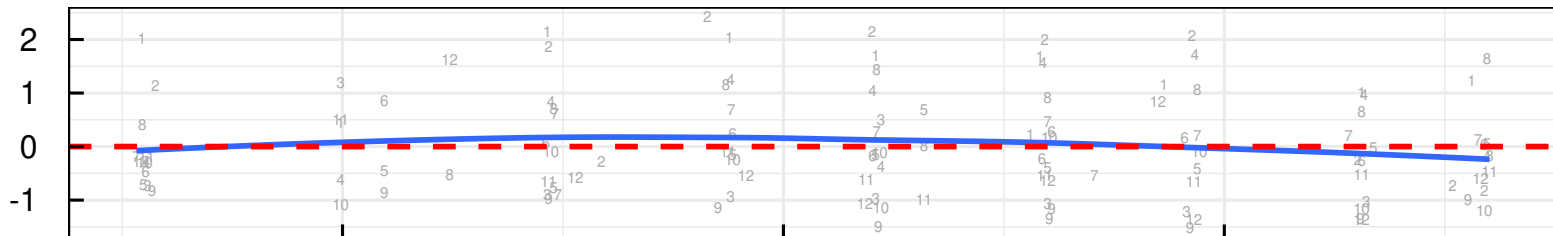
pwRes



indWRes_mode



NPDE



2.5

5.0

7.5

Population prediction (popPred) [ug/ml]

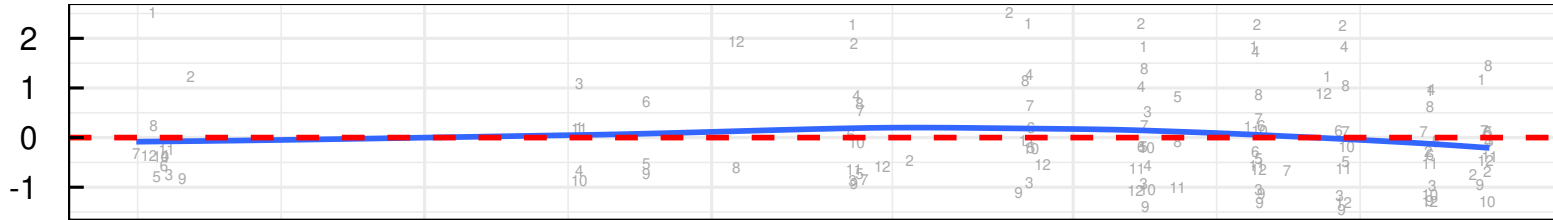
pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]

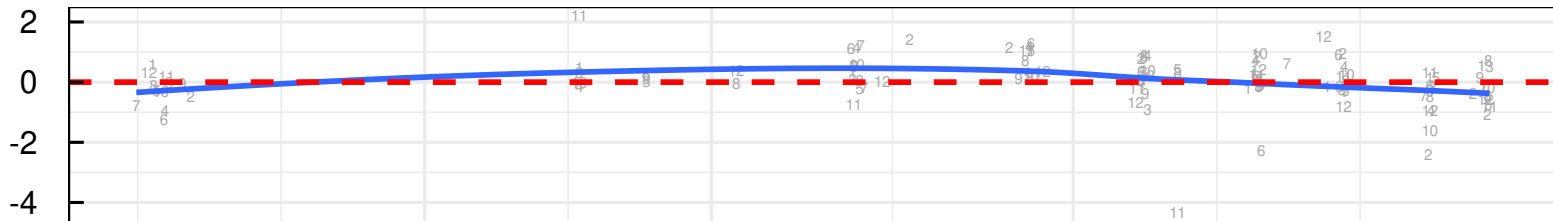
Weighted Individual and Population Residuals and NPDE vs. Population Prediction

Log Prediction axis (values for prediction = 0 plotted on axis)

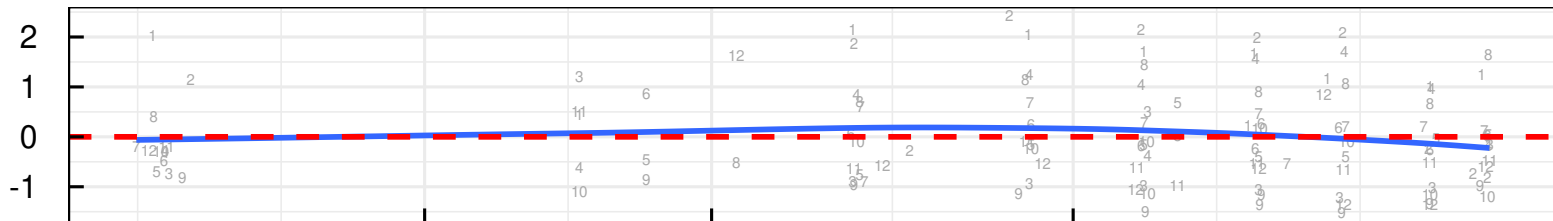
pwRes



indWRes_mode



NPDE



2

3

5

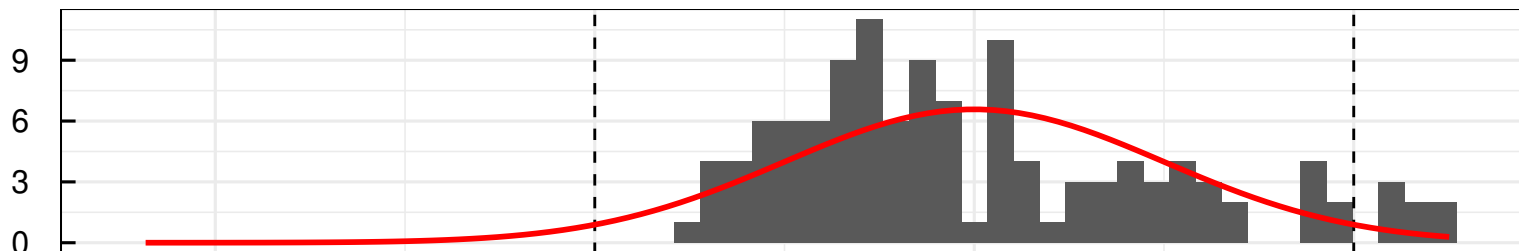
Population prediction (popPred) [ug/ml]

pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error

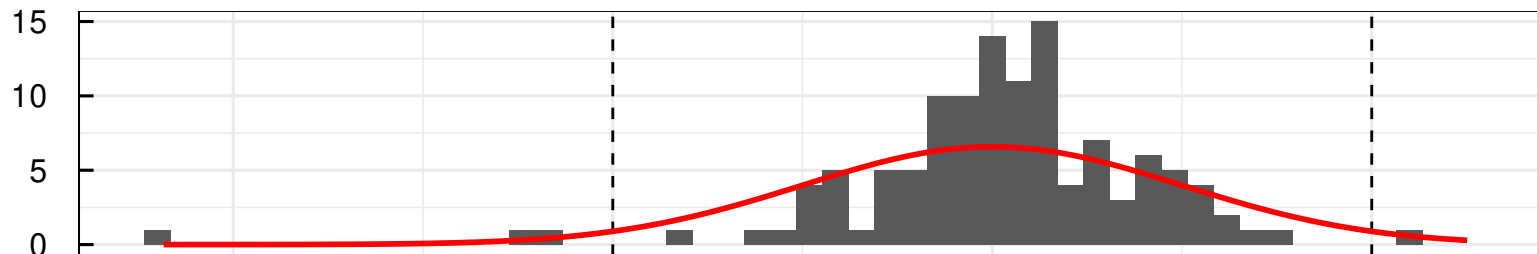
Output № 1: Theophylline Concentration [ug/ml]

Histograms of Residuals compared to Standard Normal

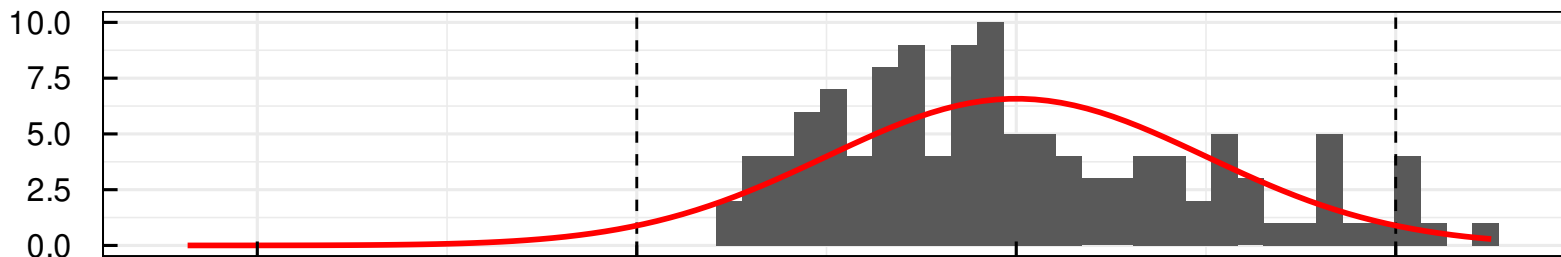
pwRes



indWRes_mode



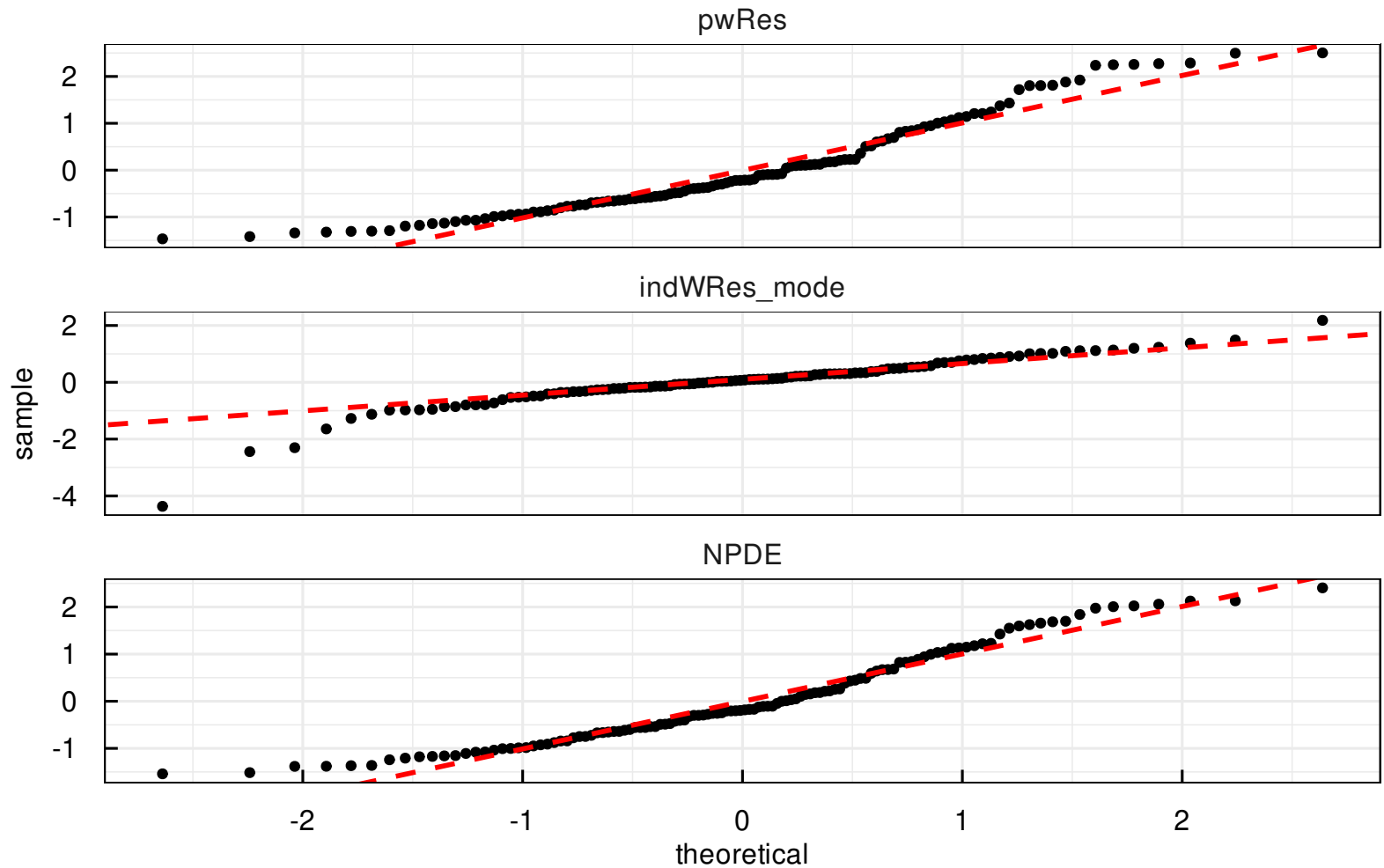
NPDE



pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]

QQ-Plots of Residuals



pwRes: population weighted residuals; indWRes_mode: individual weighted residuals;
NPDE: normalized prediction distribution error