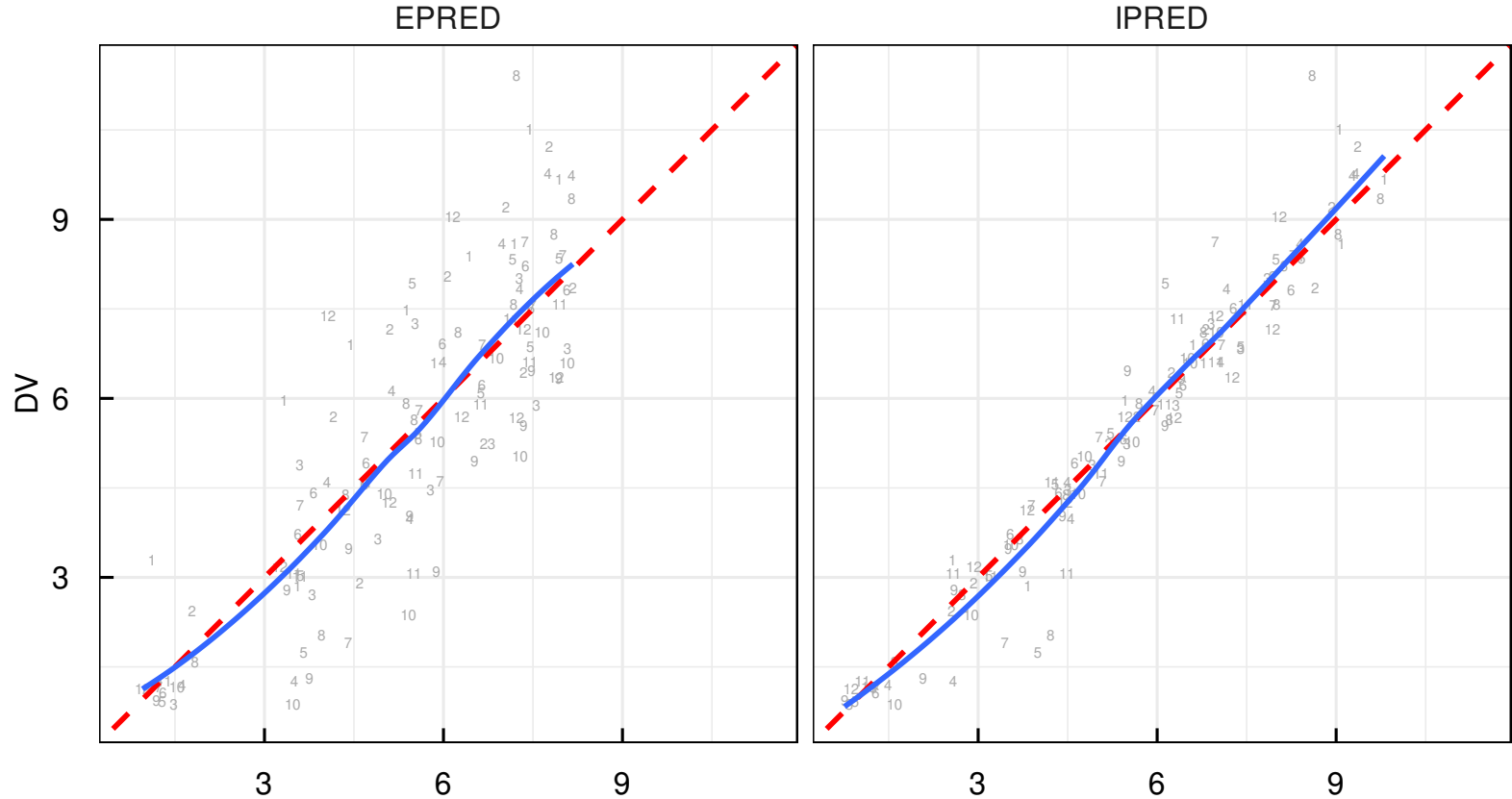


Output № 1: Theophylline Concentration [ug/ml]
Observation vs. Population and Individual Predictions

Linear Axes

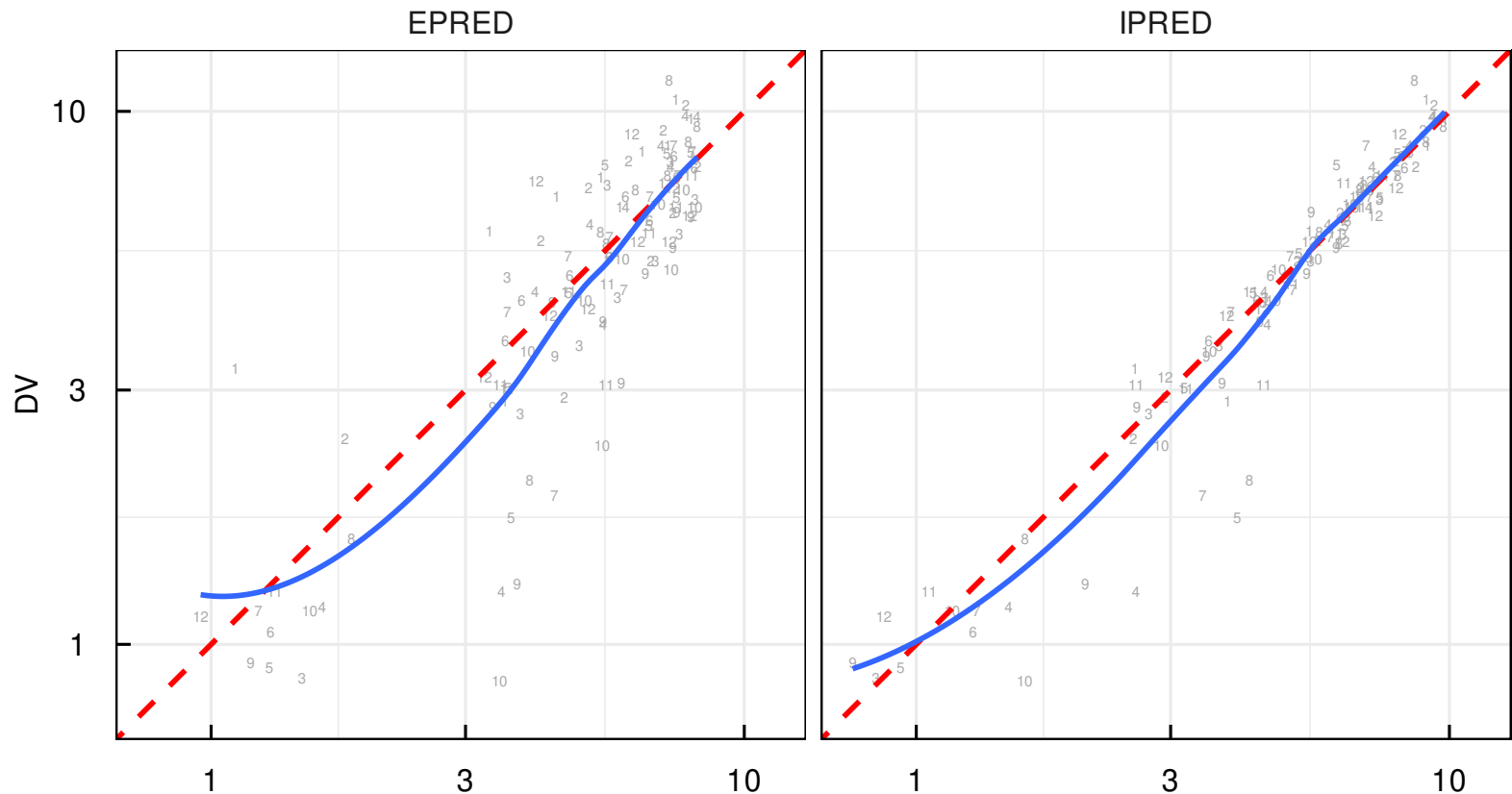


DV: dependent variable; EPRED: population prediction; IPRED: individual prediction

Output № 1: Theophylline Concentration [ug/ml]

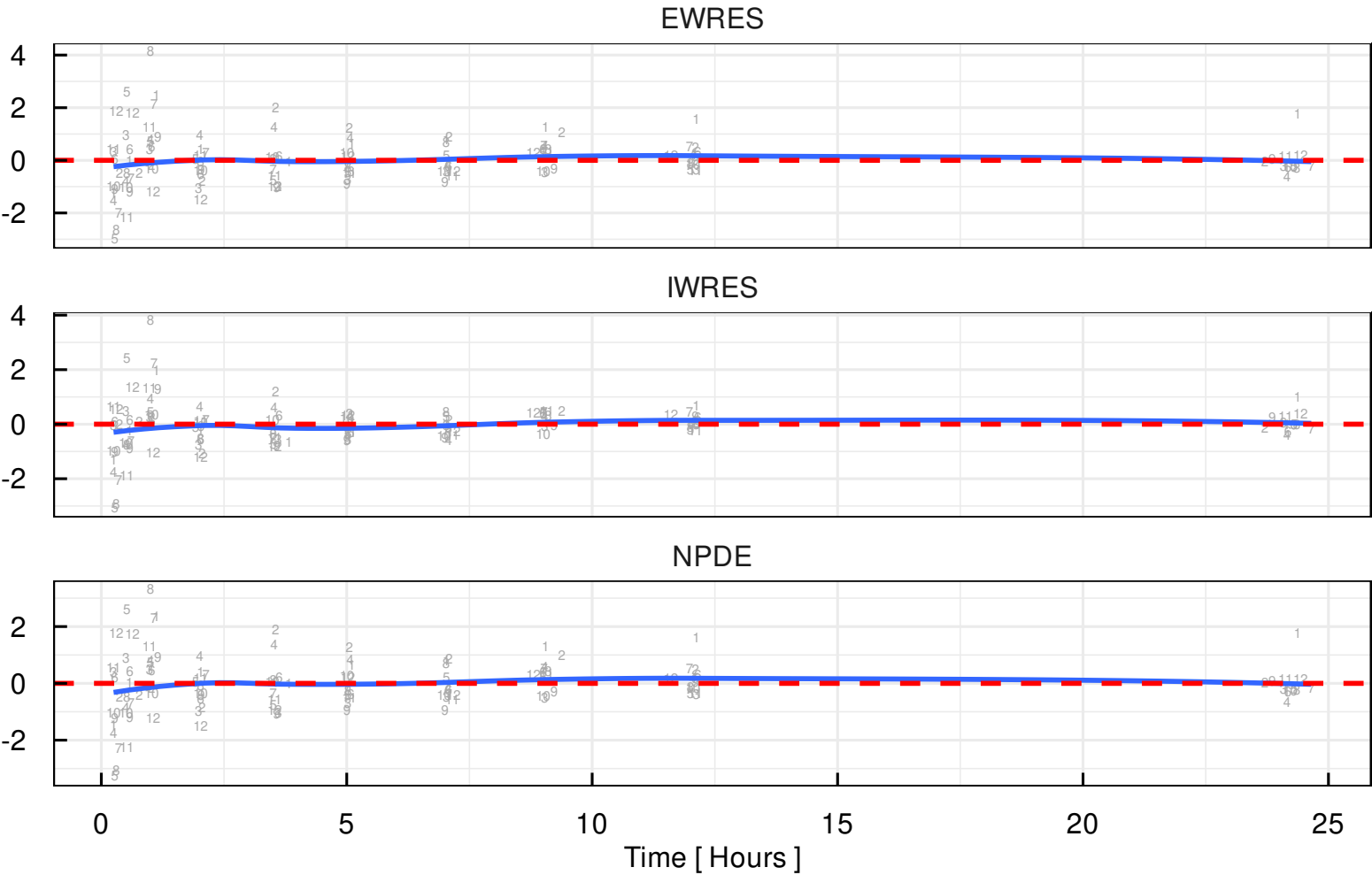
Observation vs. Population and Individual Predictions

Log Axes (zero values plotted on axis)



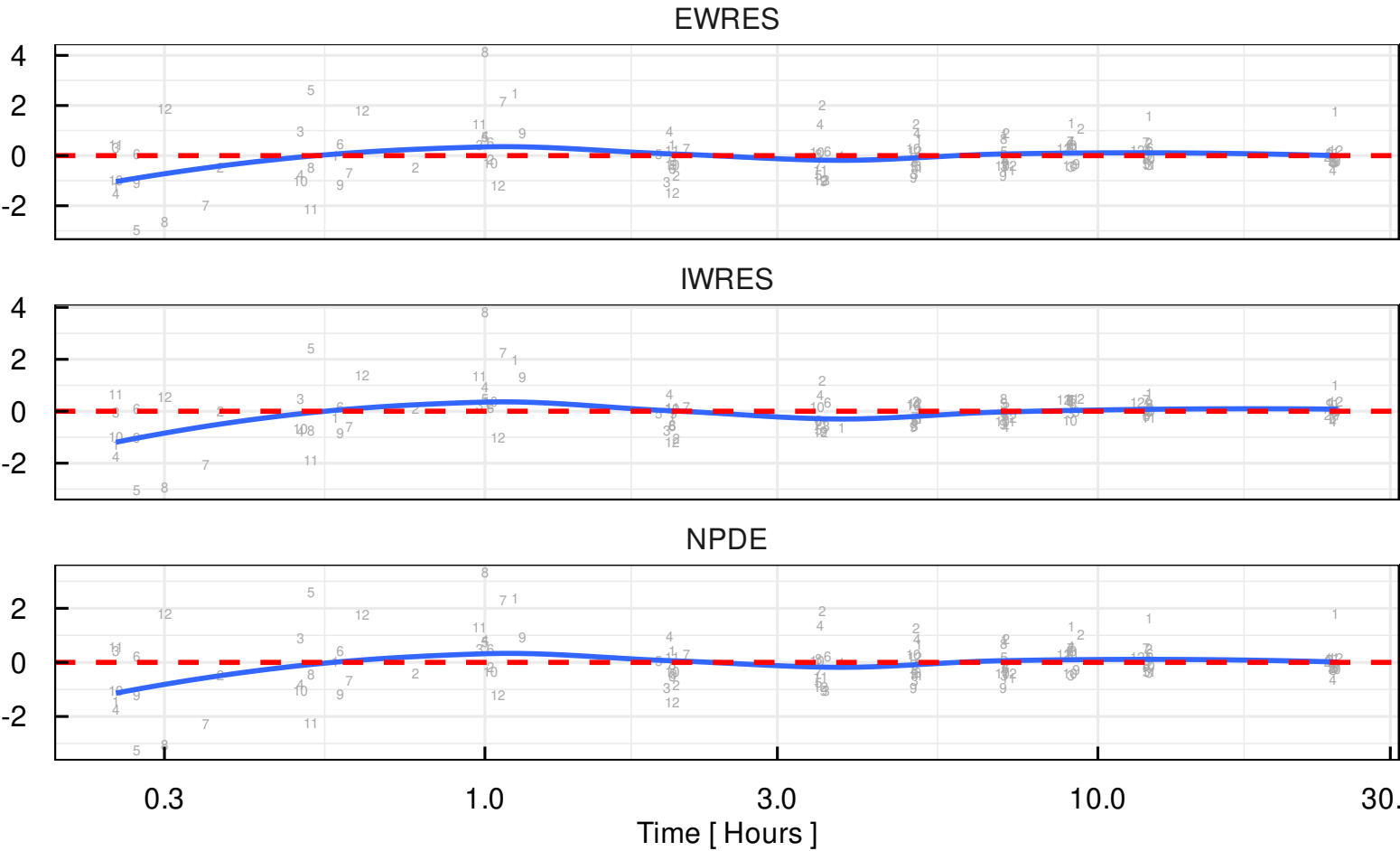
DV: dependent variable; EPRED: population prediction; IPRED: individual prediction

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



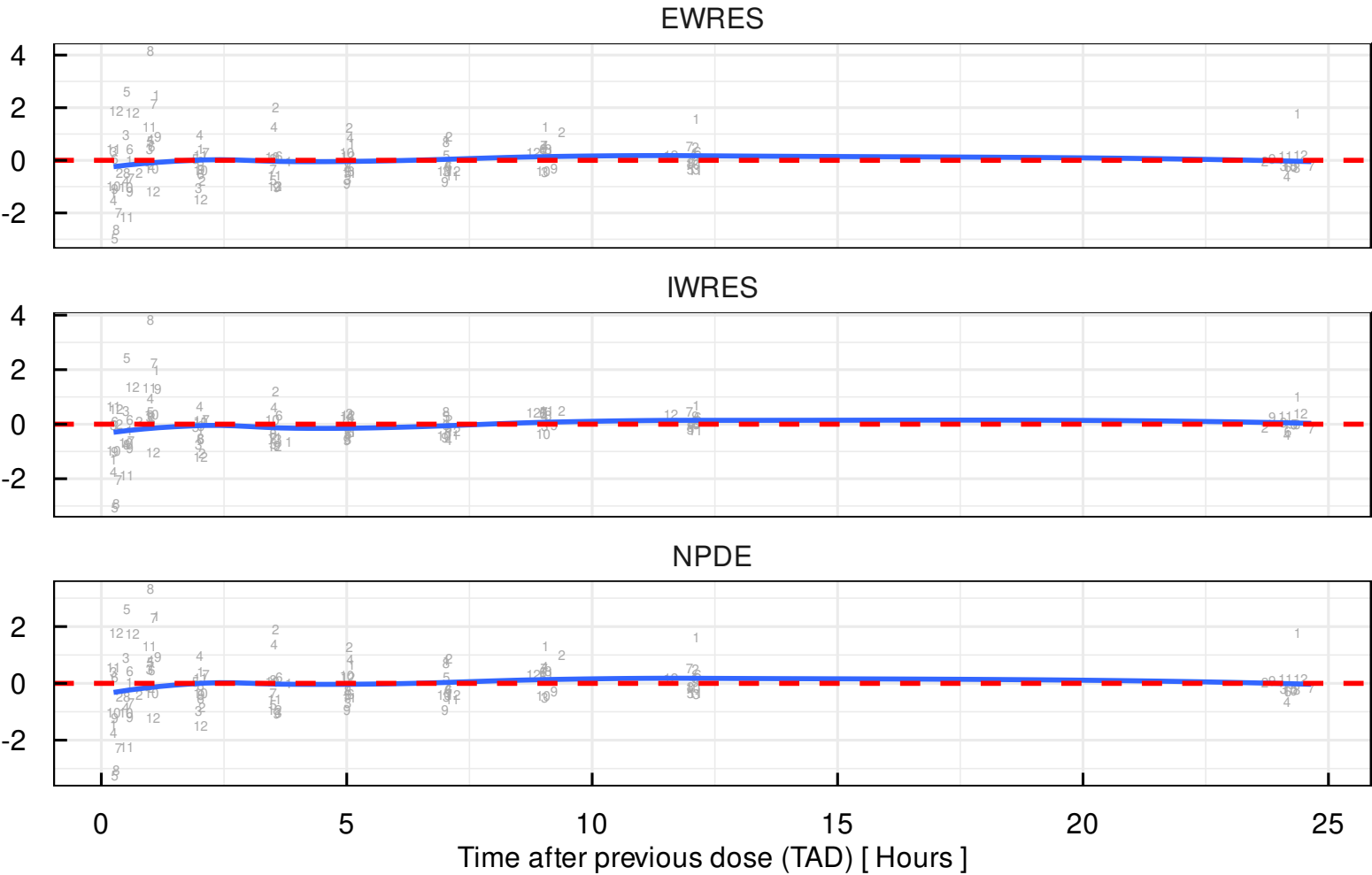
EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error

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)



EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error

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

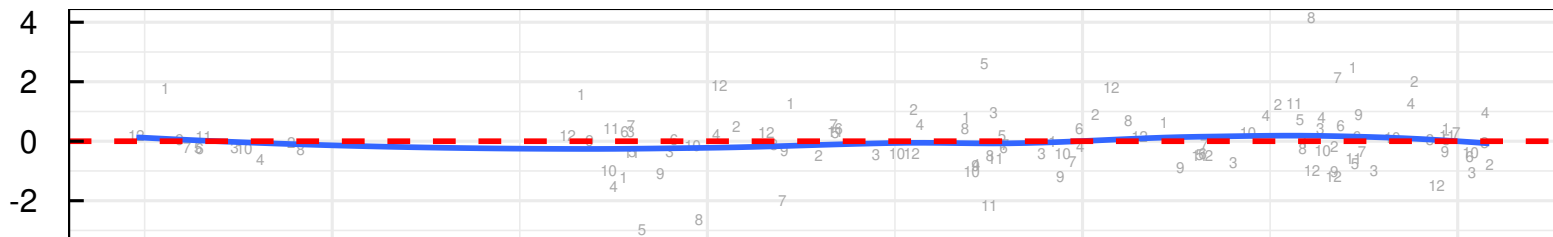


EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error

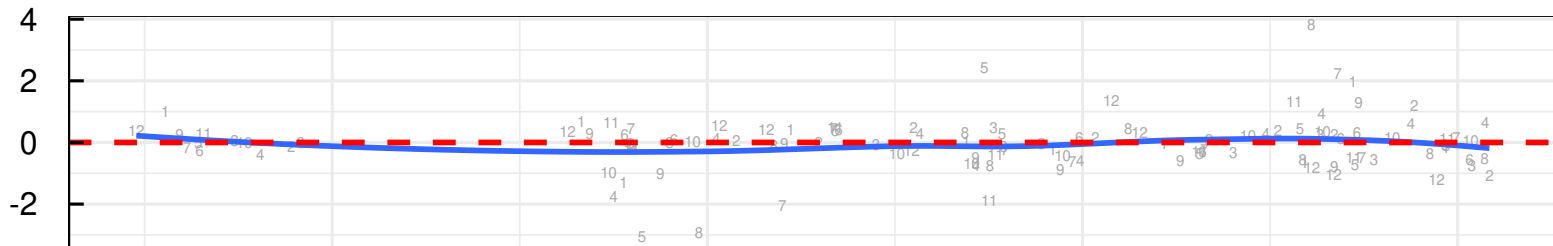
Output № 1: Theophylline Concentration [ug/ml]

Weighted Individual and Population Residuals and NPDE vs. Population Prediction

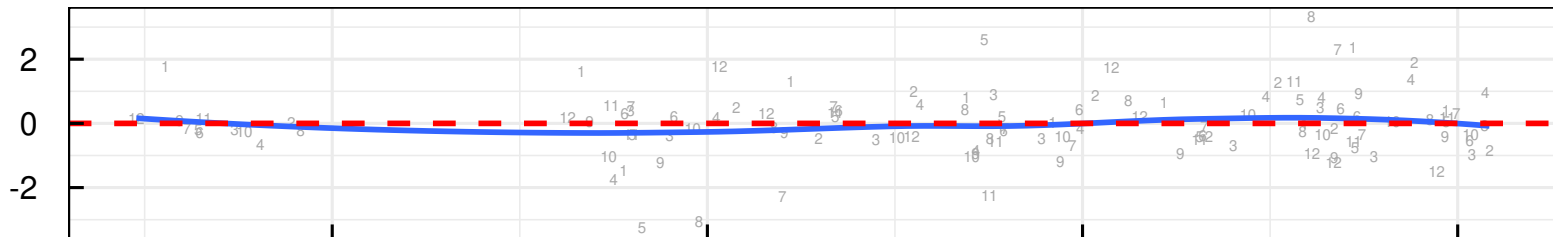
EWRES



IWRES



NPDE



2

4

6

8

Population prediction (EPRED) [ug/ml]

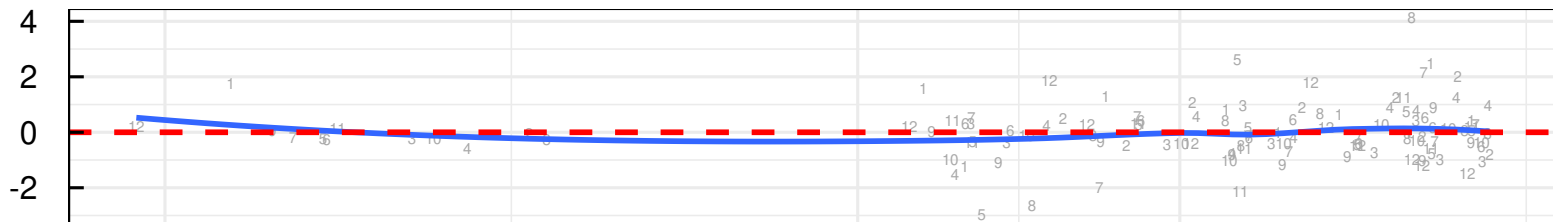
EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]

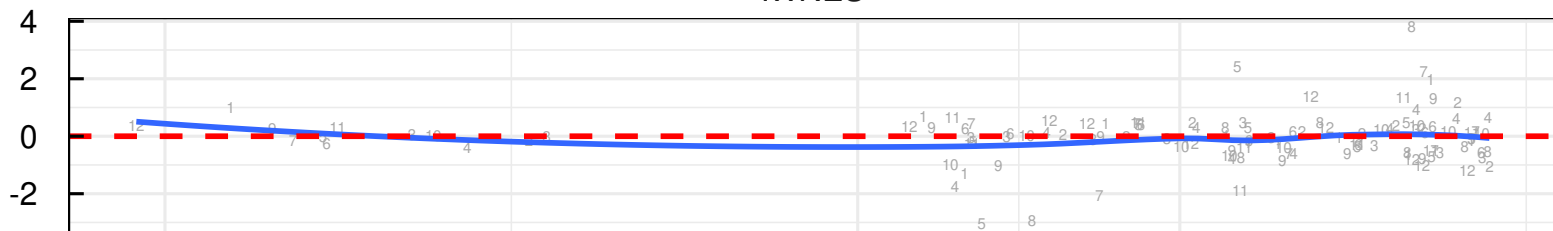
Weighted Individual and Population Residuals and NPDE vs. Population Prediction

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

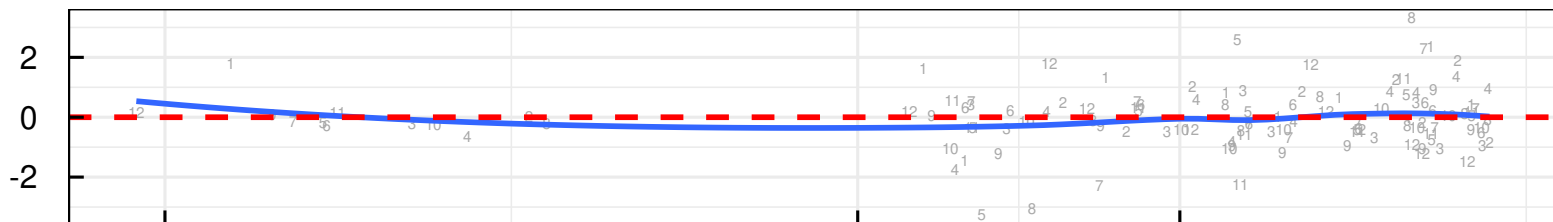
EWRES



IWRES



NPDE



1

3

5

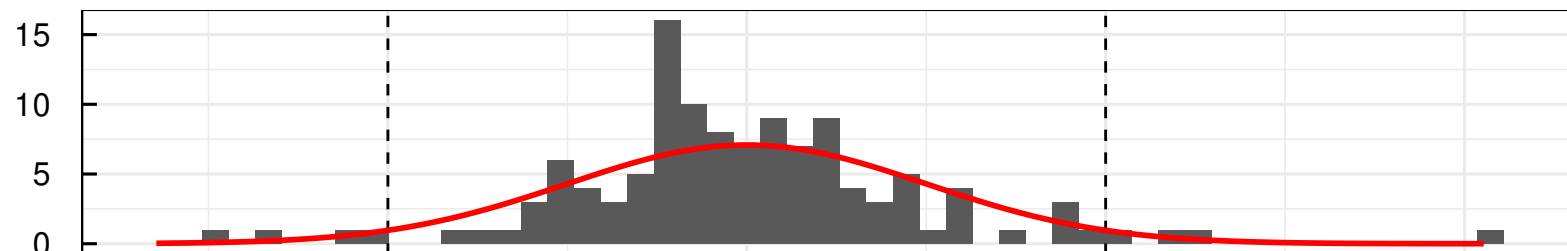
Population prediction (EPRED) [ug/ml]

EWRES: population weighted residuals; IWRES: individual weighted residuals;

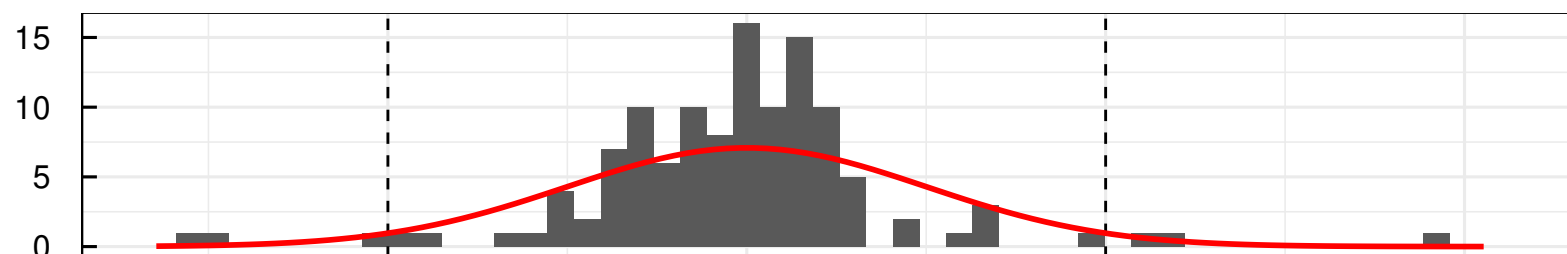
NPDE: normalized prediction distribution error

Output № 1: Theophylline Concentration [ug/ml]
Histograms of Residuals compared to Standard Normal

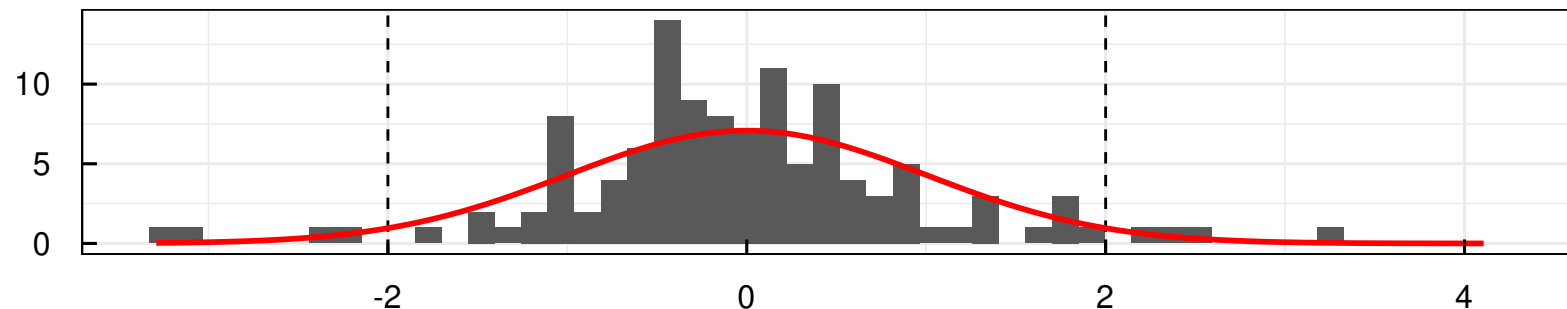
EWRES



IWRES



NPDE

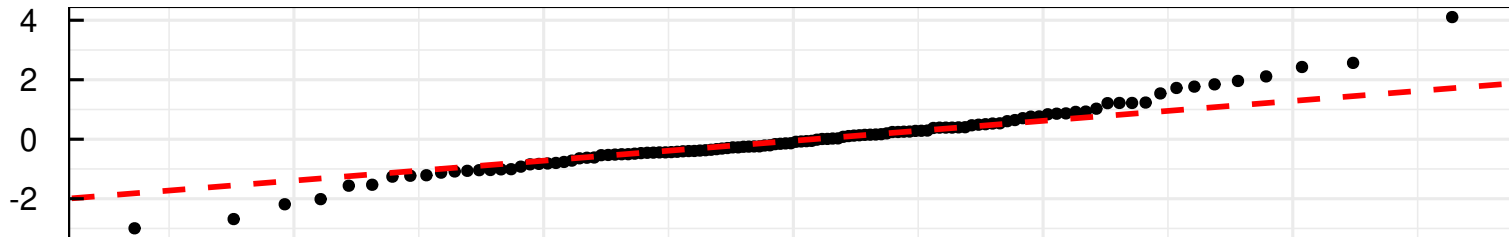


EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error

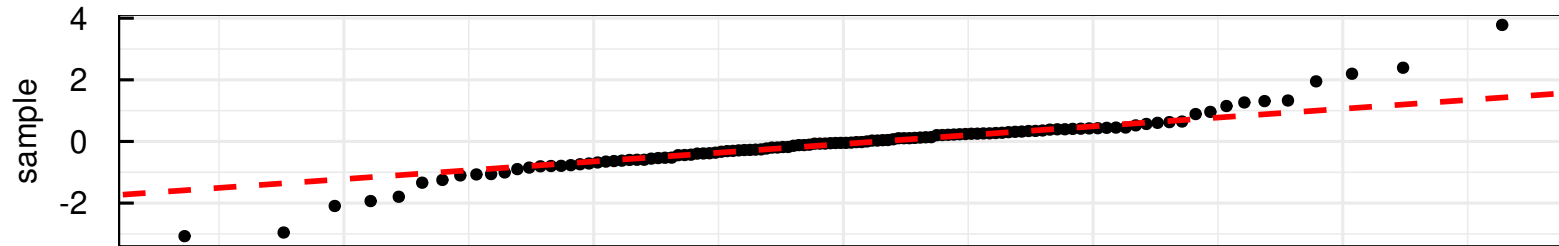
Output № 1: Theophylline Concentration [ug/ml]

QQ-Plots of Residuals

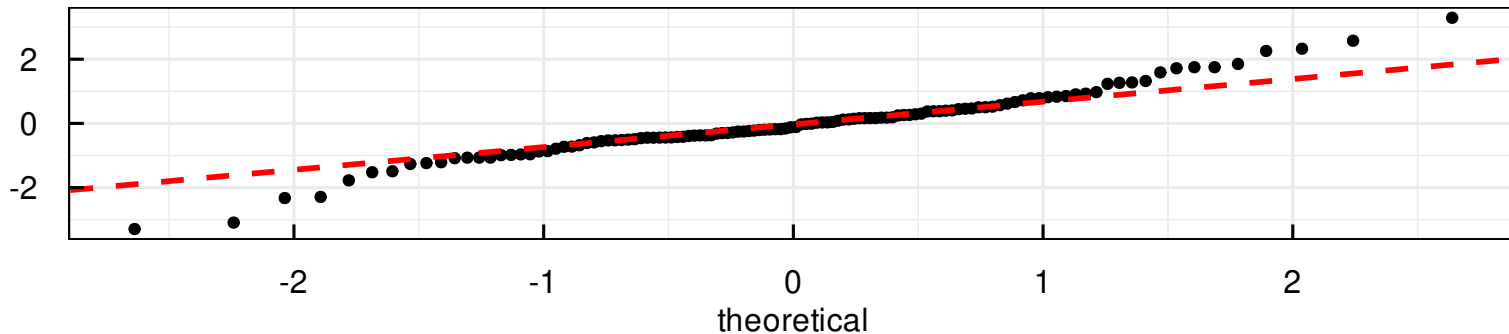
EWRES



IWRES



NPDE



EWRES: population weighted residuals; IWRES: individual weighted residuals;
NPDE: normalized prediction distribution error