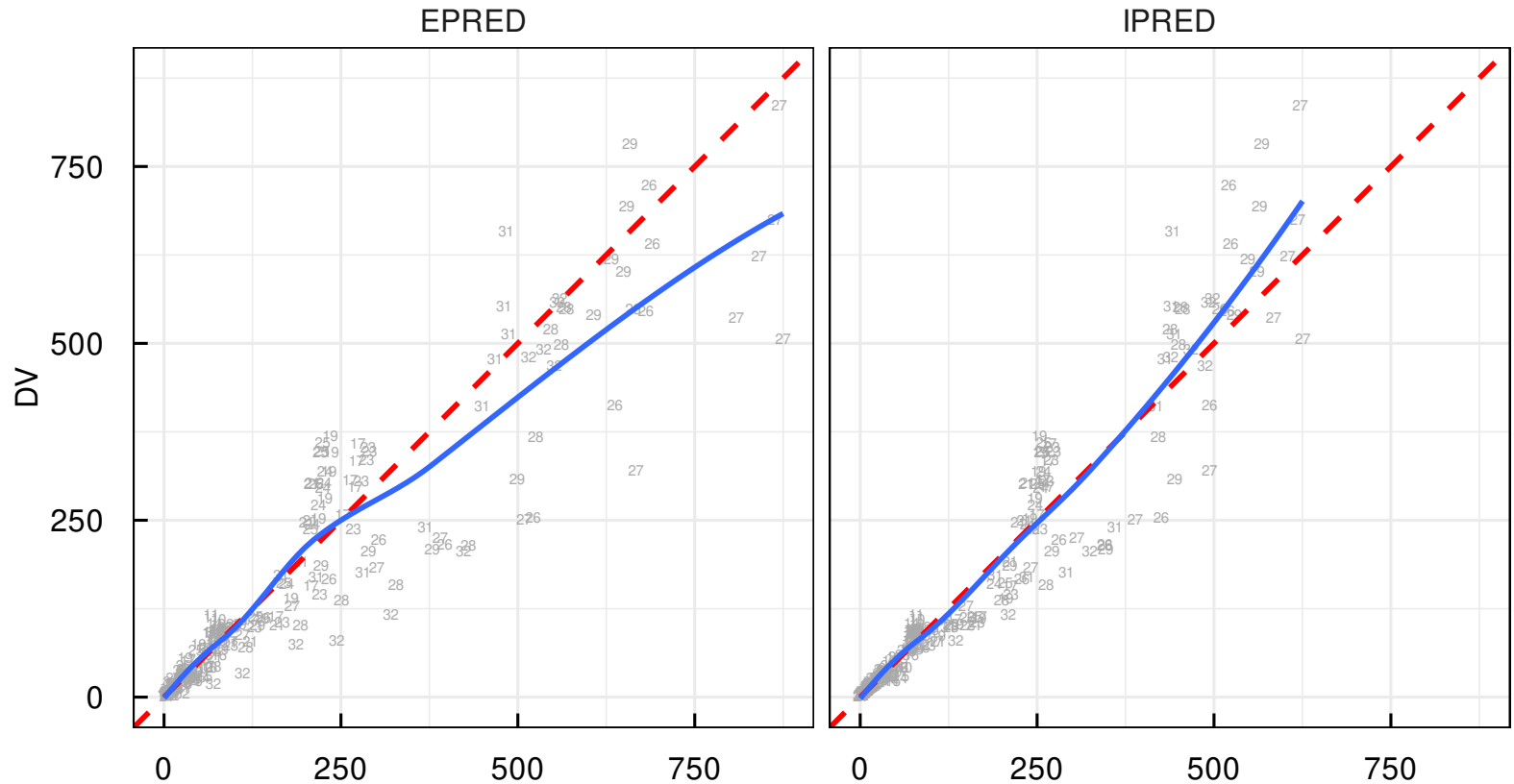


# Output № 1: HS0815 Concentration [ug/mL]

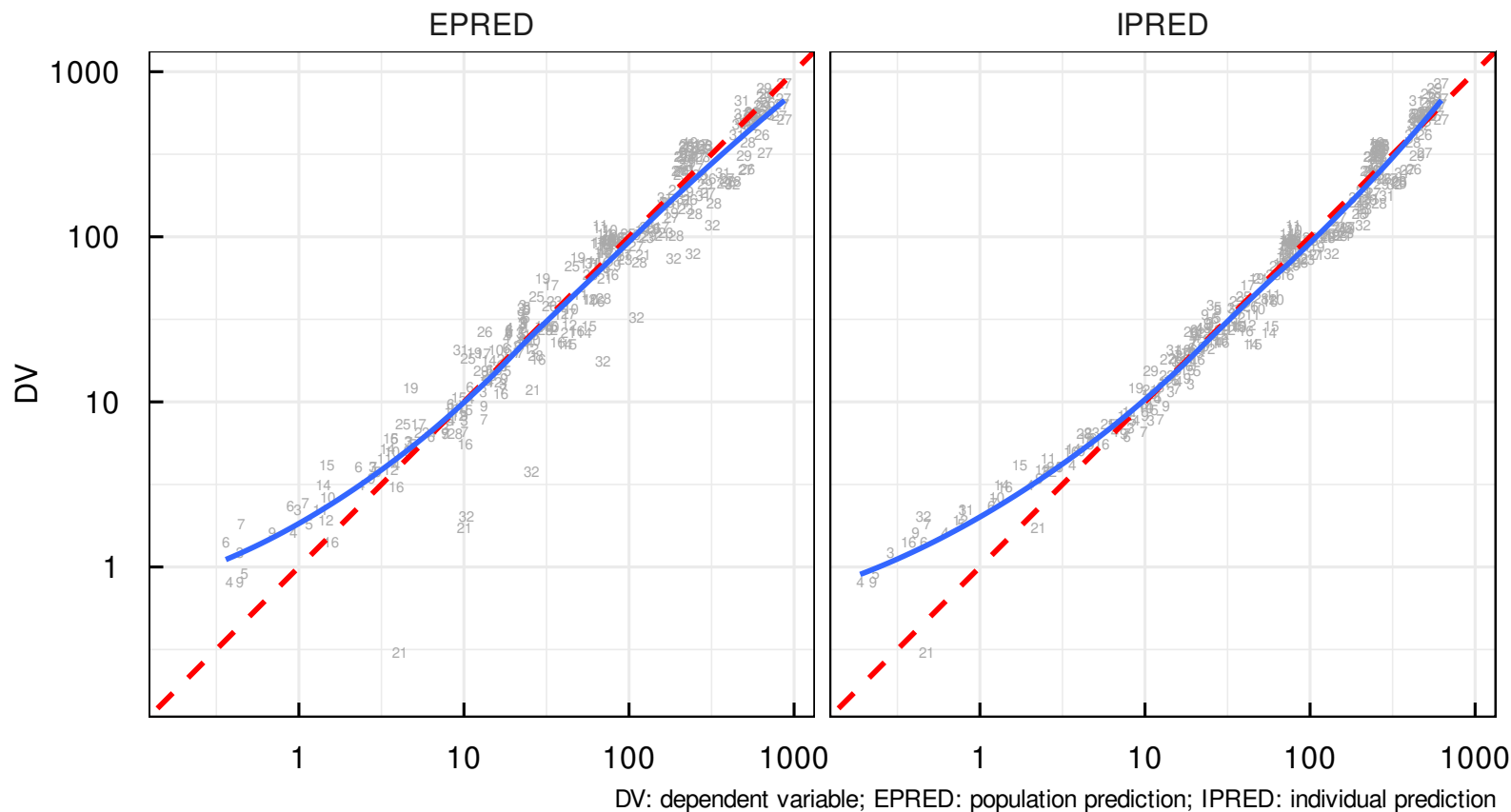
## Observation vs. Population and Individual Predictions

Linear Axes

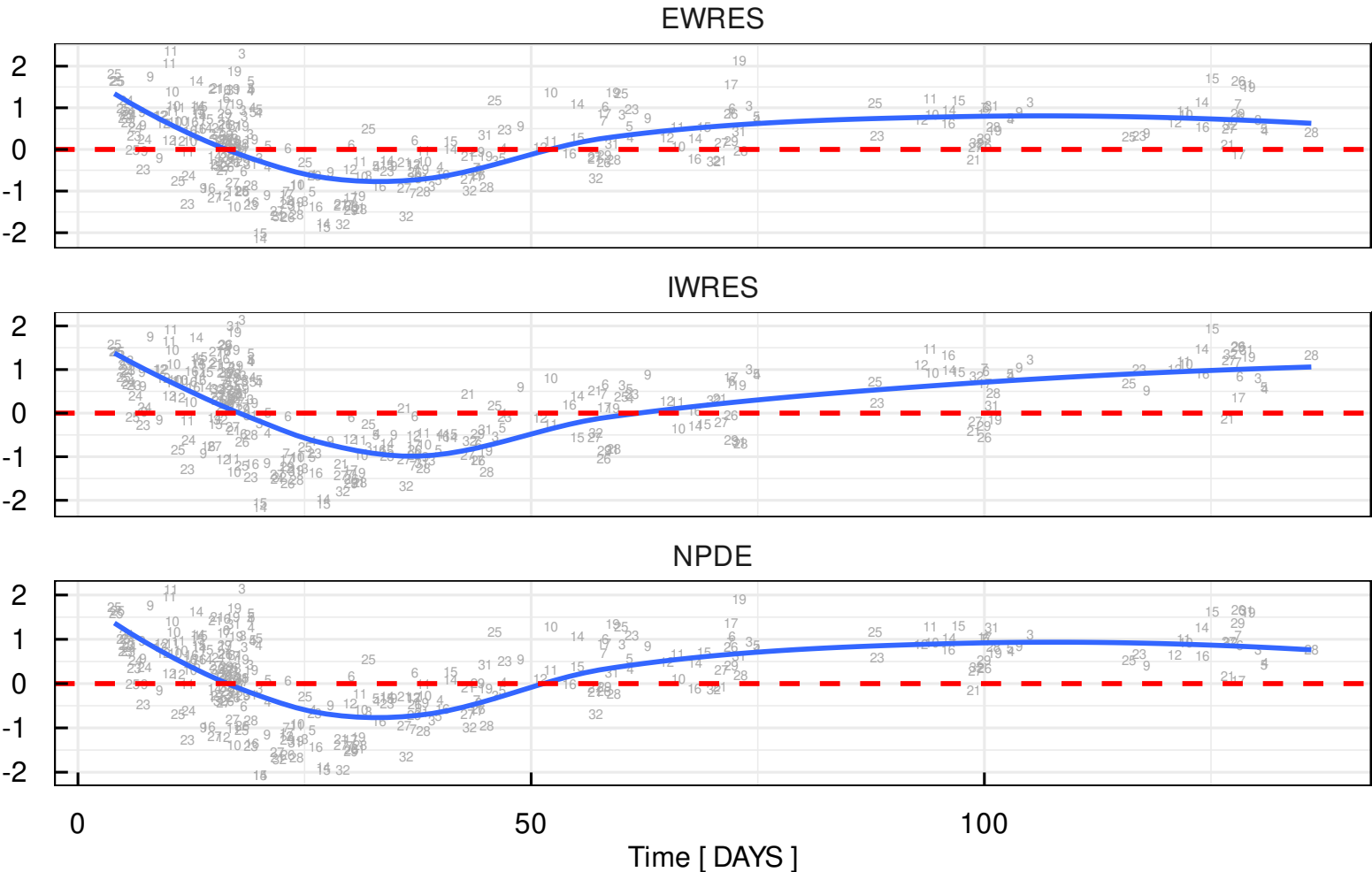


DV: dependent variable; EPRED: population prediction; IPRED: individual prediction

### Log Axes (zero values plotted on axis)

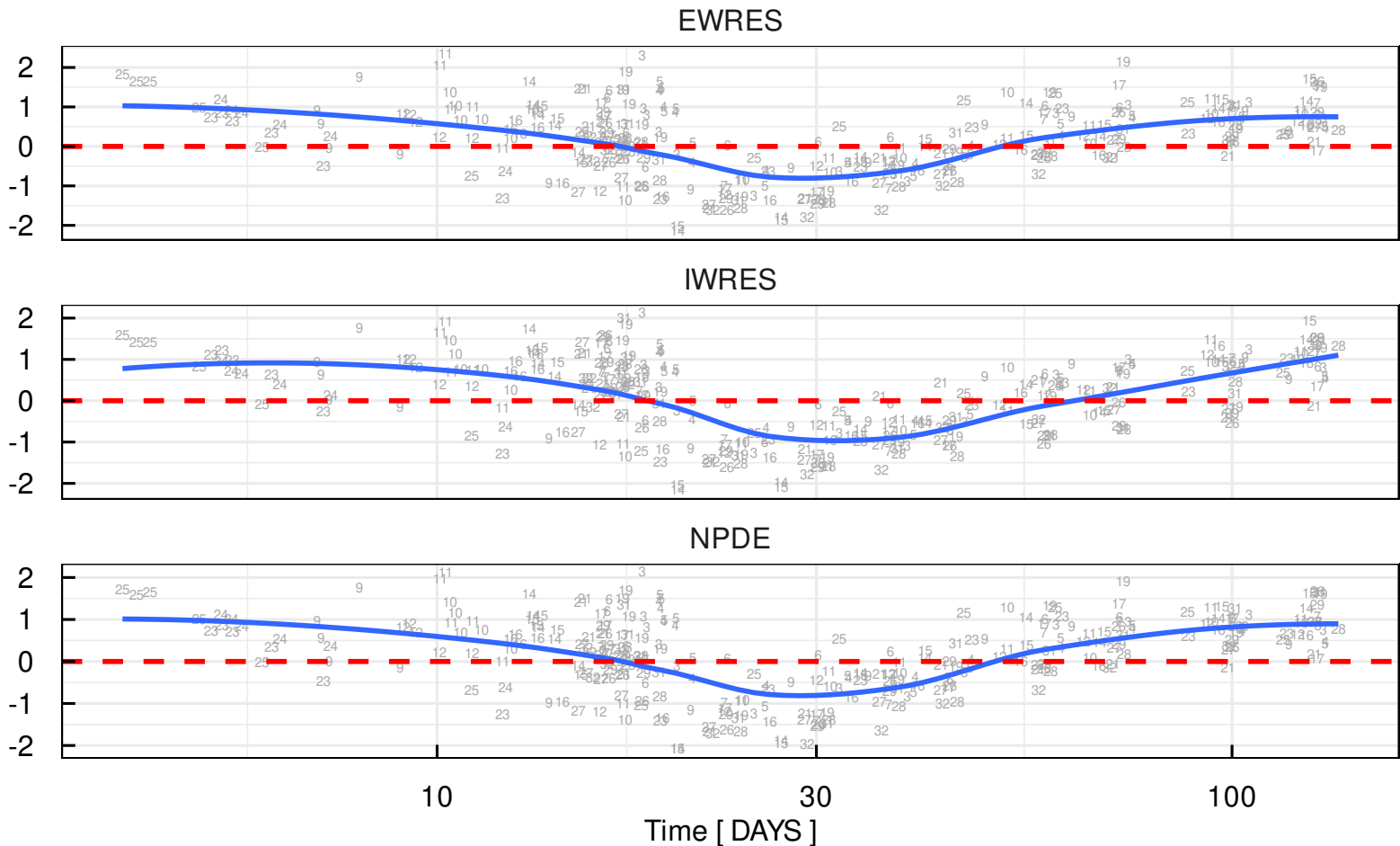


Output № 1: HS0815 Concentration [ug/mL]  
Weighted Individual and Population Residuals and NPDE vs. Time



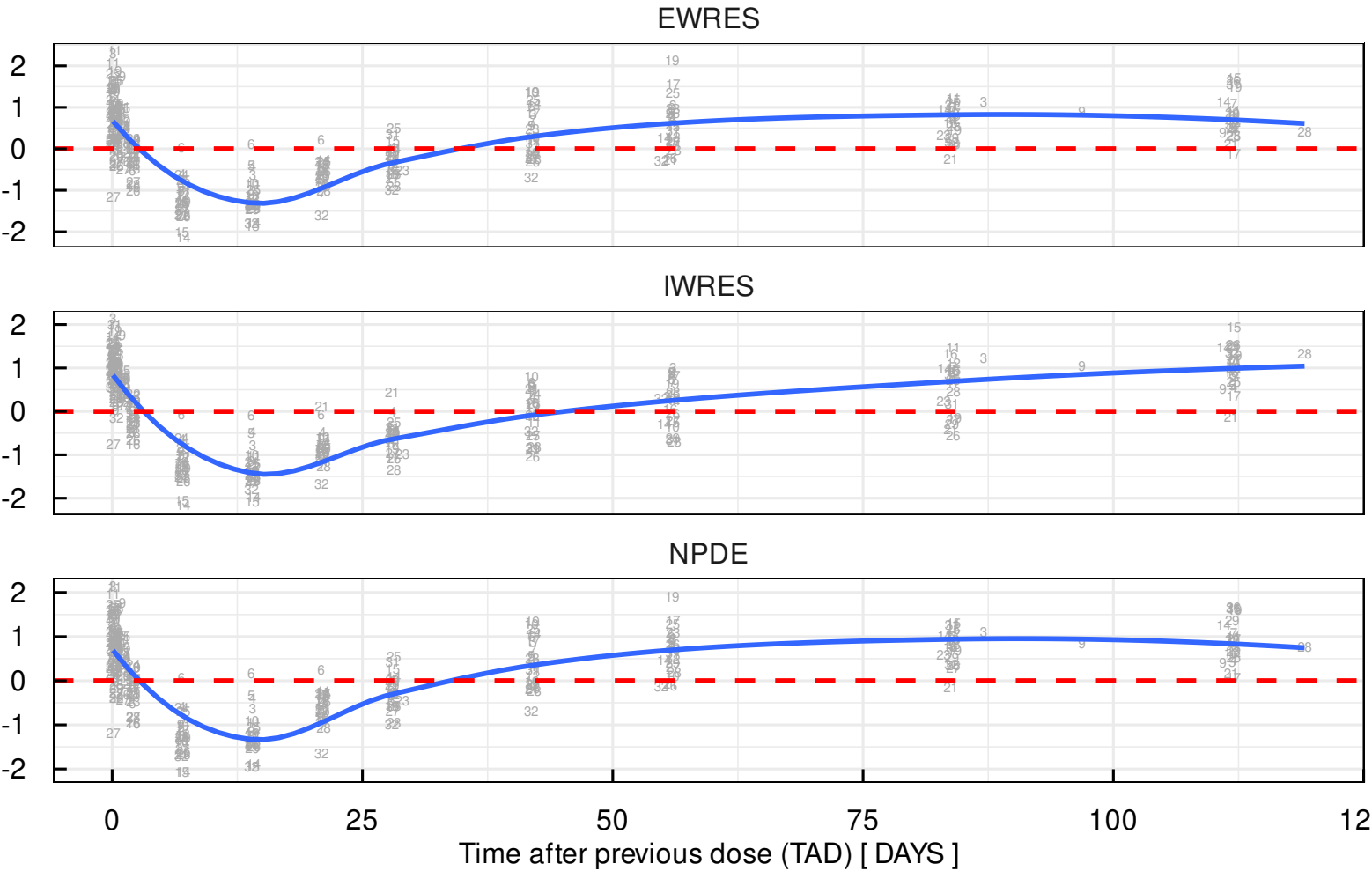
EWRES: population weighted residuals; IWRES: individual weighted residuals;  
NPDE: normalized prediction distribution error

Output № 1: HS0815 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: HS0815 Concentration [ug/mL]  
Weighted Individual and Population Residuals and NPDE vs. TAD

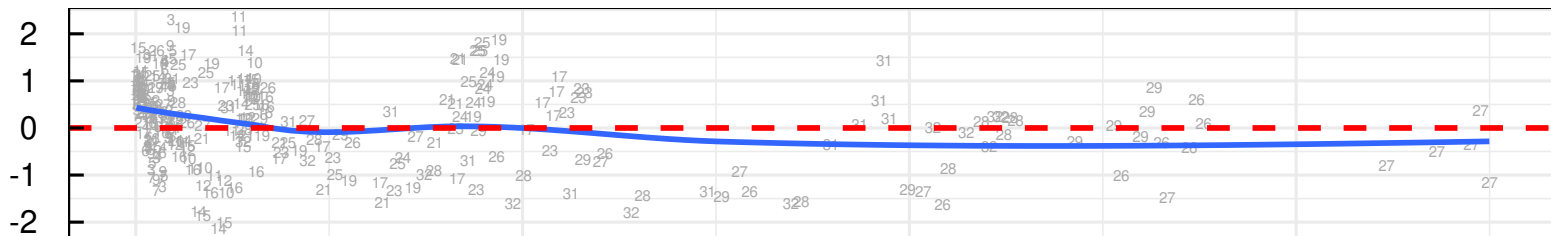


EWRES: population weighted residuals; IWRES: individual weighted residuals;  
NPDE: normalized prediction distribution error

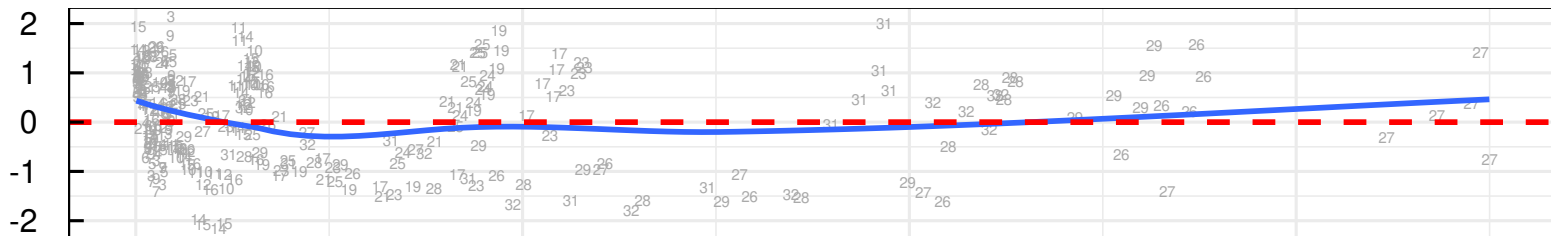
# Output № 1: HS0815 Concentration [ug/mL]

## Weighted Individual and Population Residuals and NPDE vs. Population Prediction

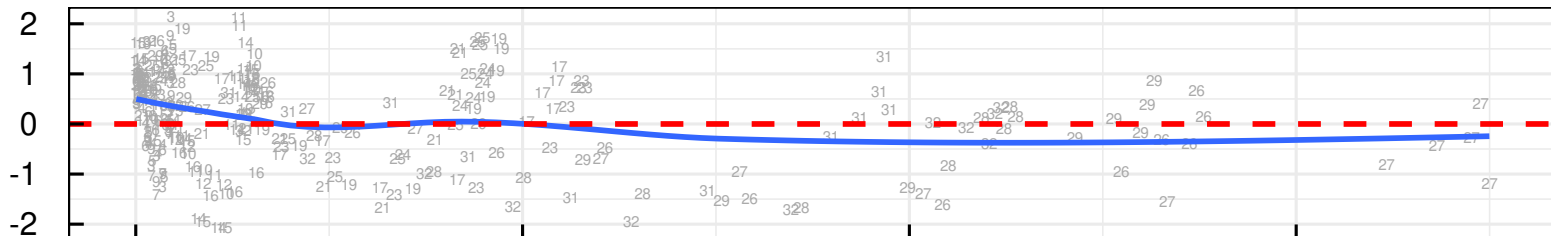
EWRES



IWRES



NPDE



0

250

500

750

Population prediction (EPRED) [ug/mL]

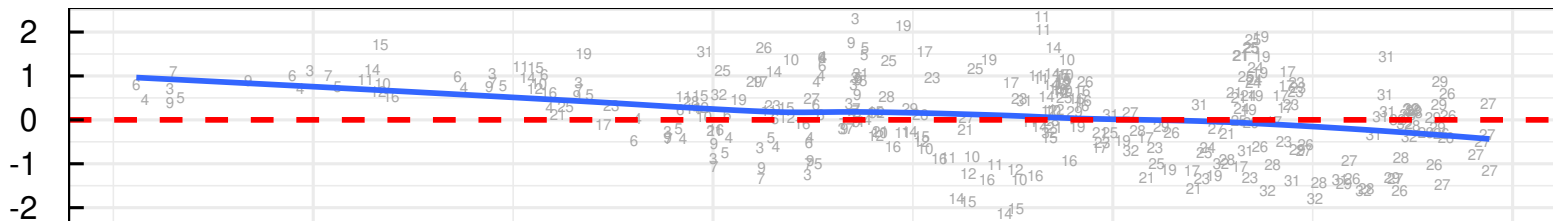
EWRES: population weighted residuals; IWRES: individual weighted residuals;  
NPDE: normalized prediction distribution error

# Output № 1: HS0815 Concentration [ug/mL]

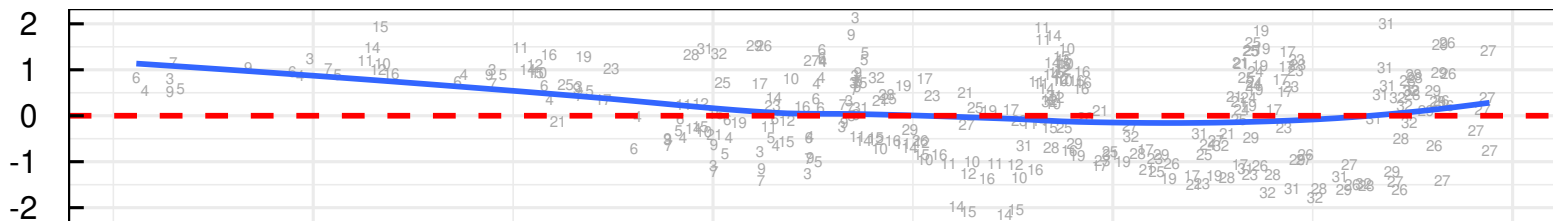
## Weighted Individual and Population Residuals and NPDE vs. Population Prediction

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

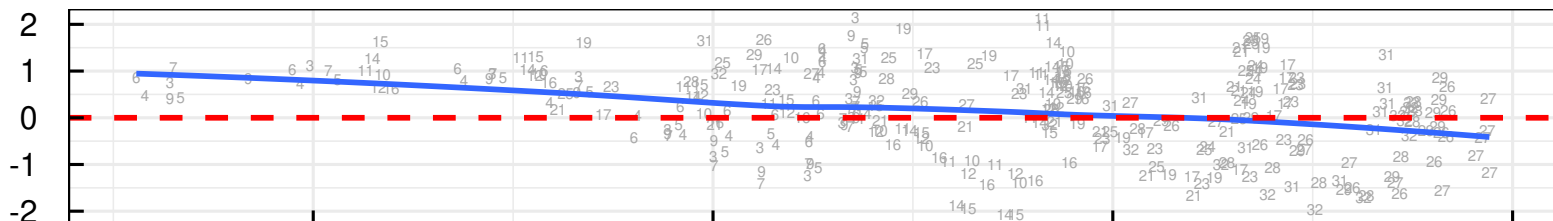
EWRES



IWRES



NPDE



1

10

100

1000

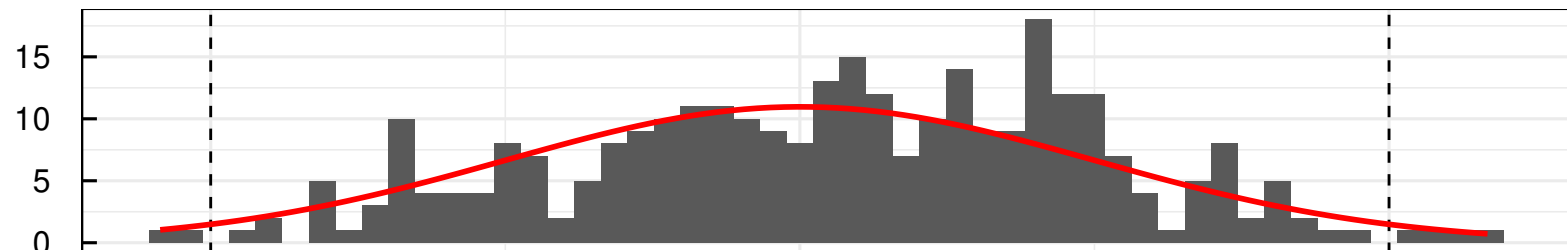
Population prediction (EPRED) [ug/mL]

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

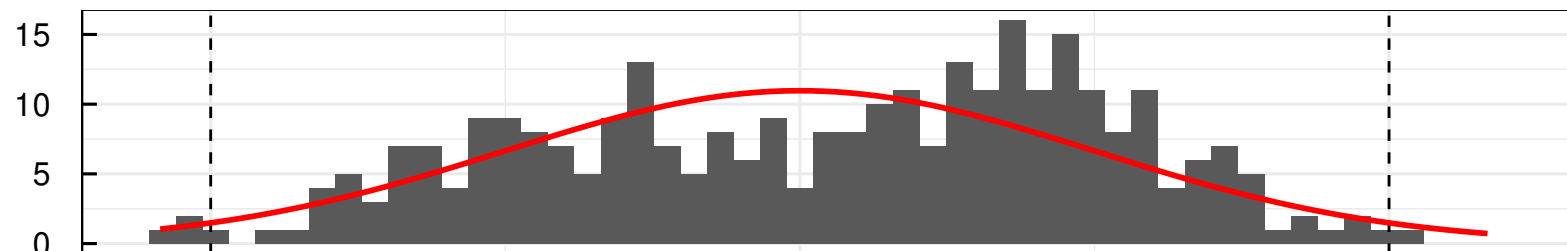
NPDE: normalized prediction distribution error

Output № 1: HS0815 Concentration [ug/mL]  
Histograms of Residuals compared to Standard Normal

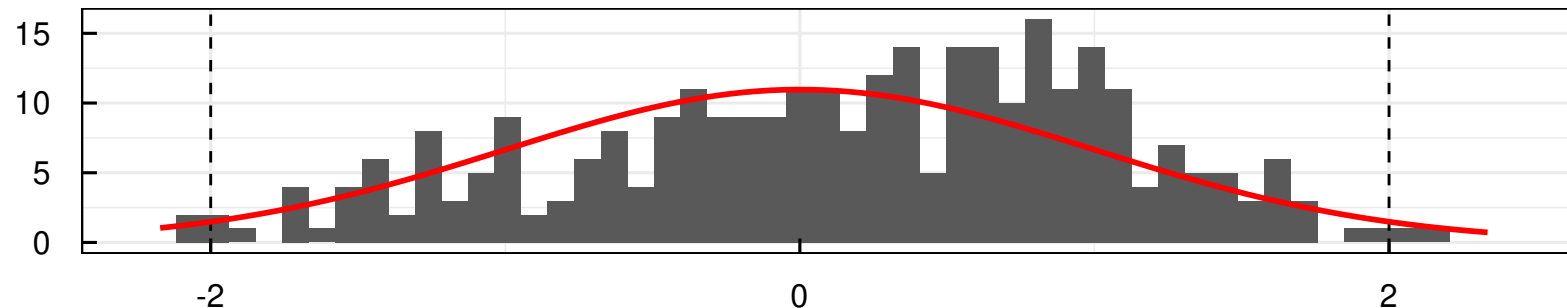
EWRES



IWRES



NPDE

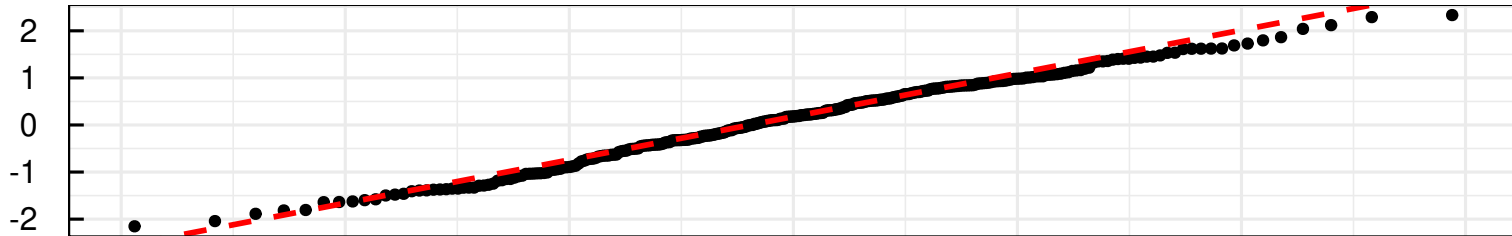


EWRES: population weighted residuals; IWRES: individual weighted residuals;  
NPDE: normalized prediction distribution error

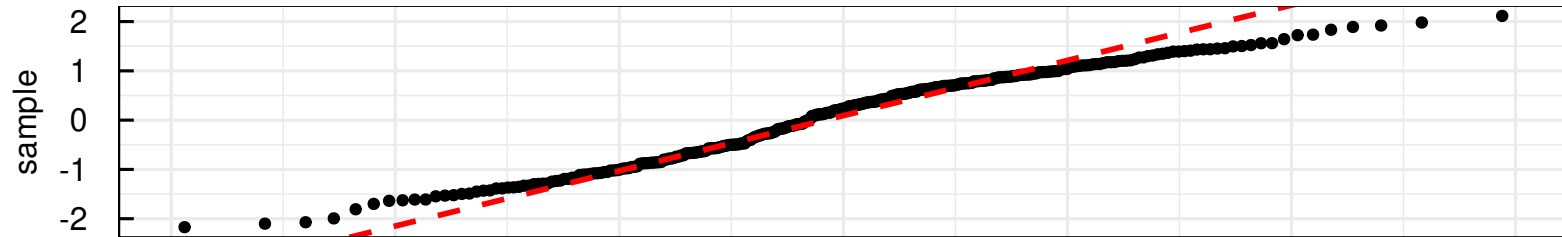
# Output № 1: HS0815 Concentration [ug/mL]

## QQ-Plots of Residuals

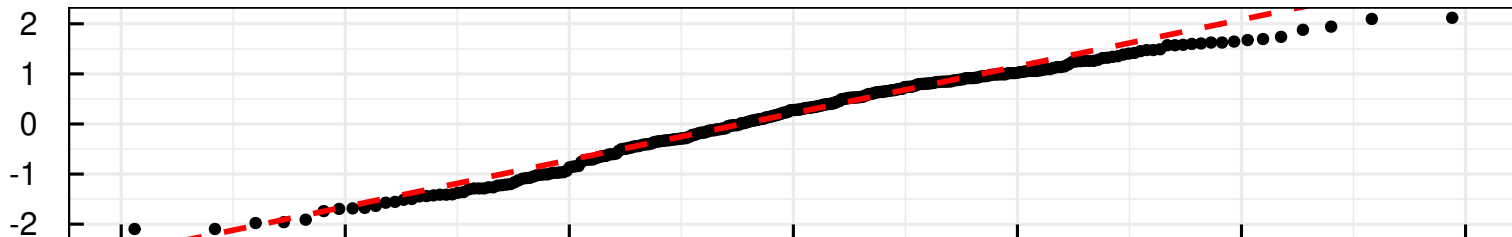
EWRES



IWRES



NPDE



-3 -2 -1 0 1 2 3

theoretical

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