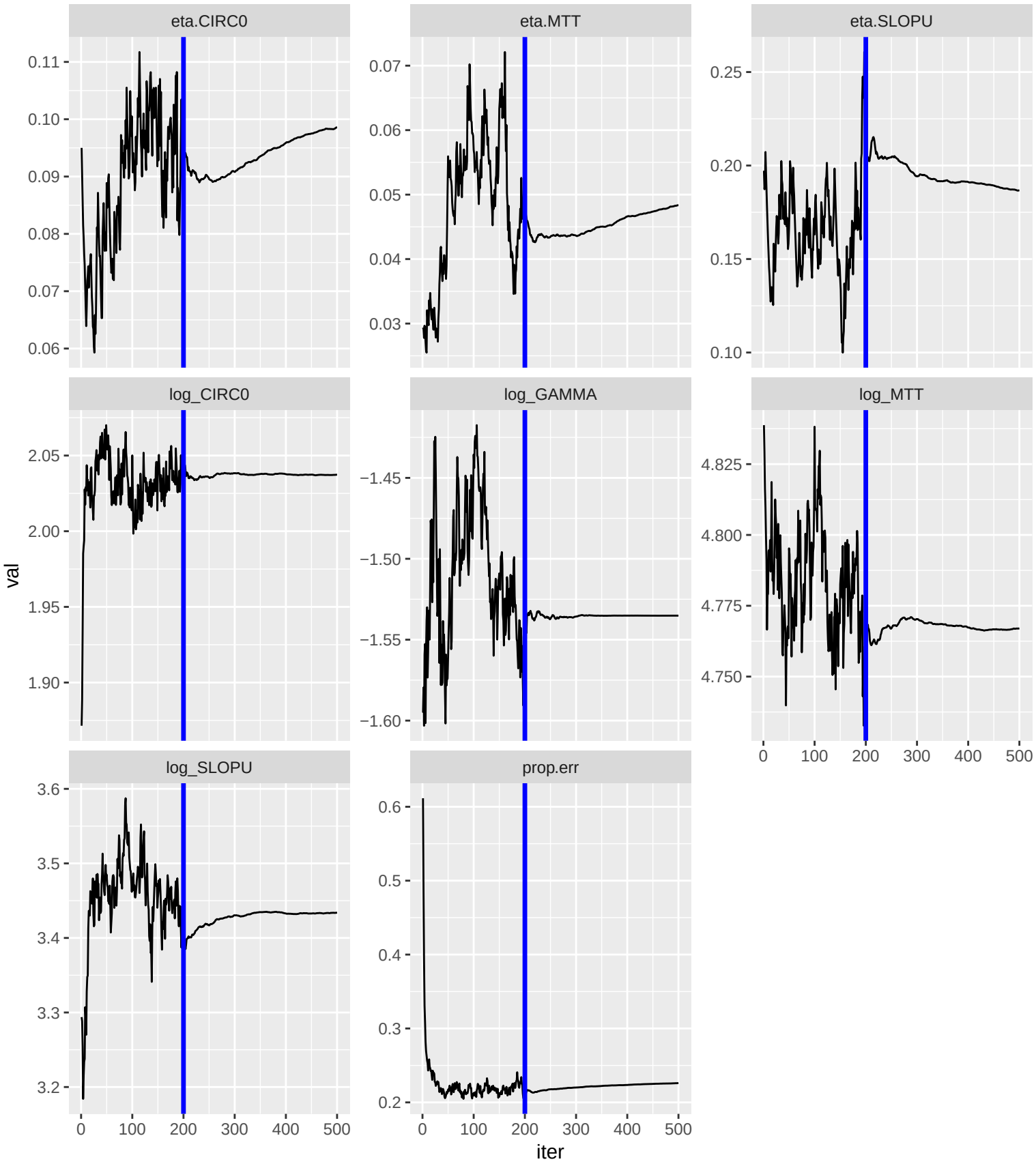
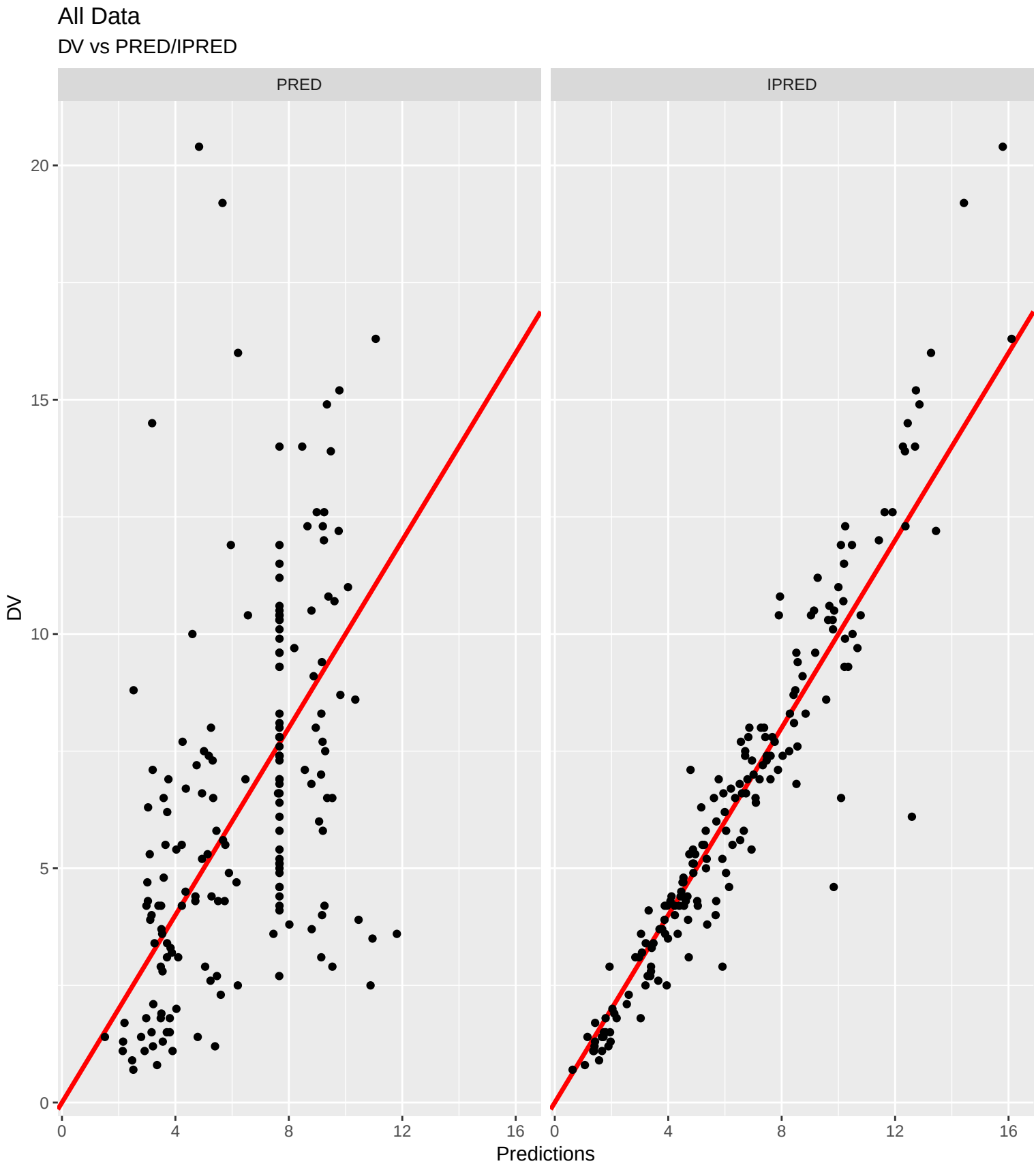
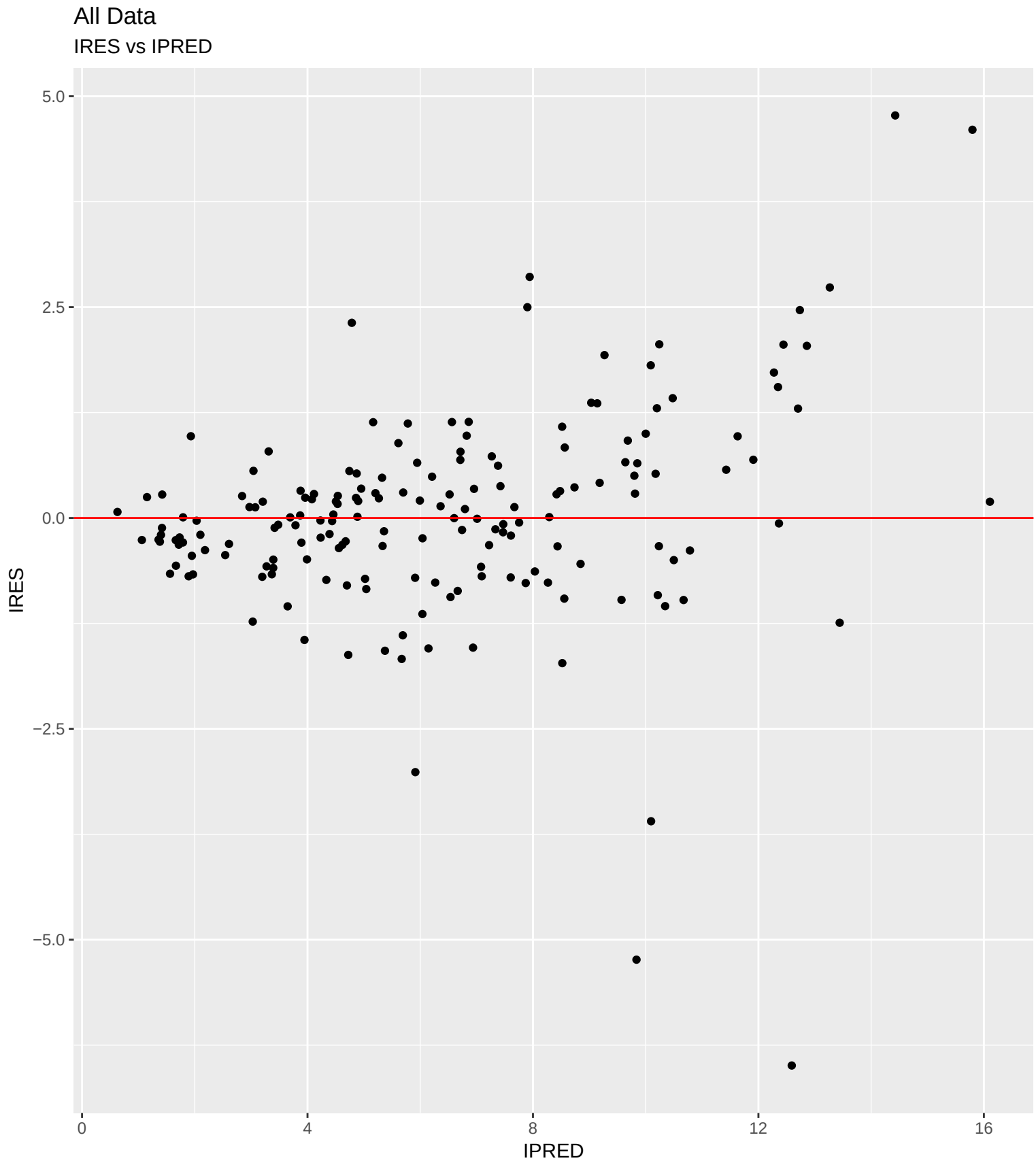
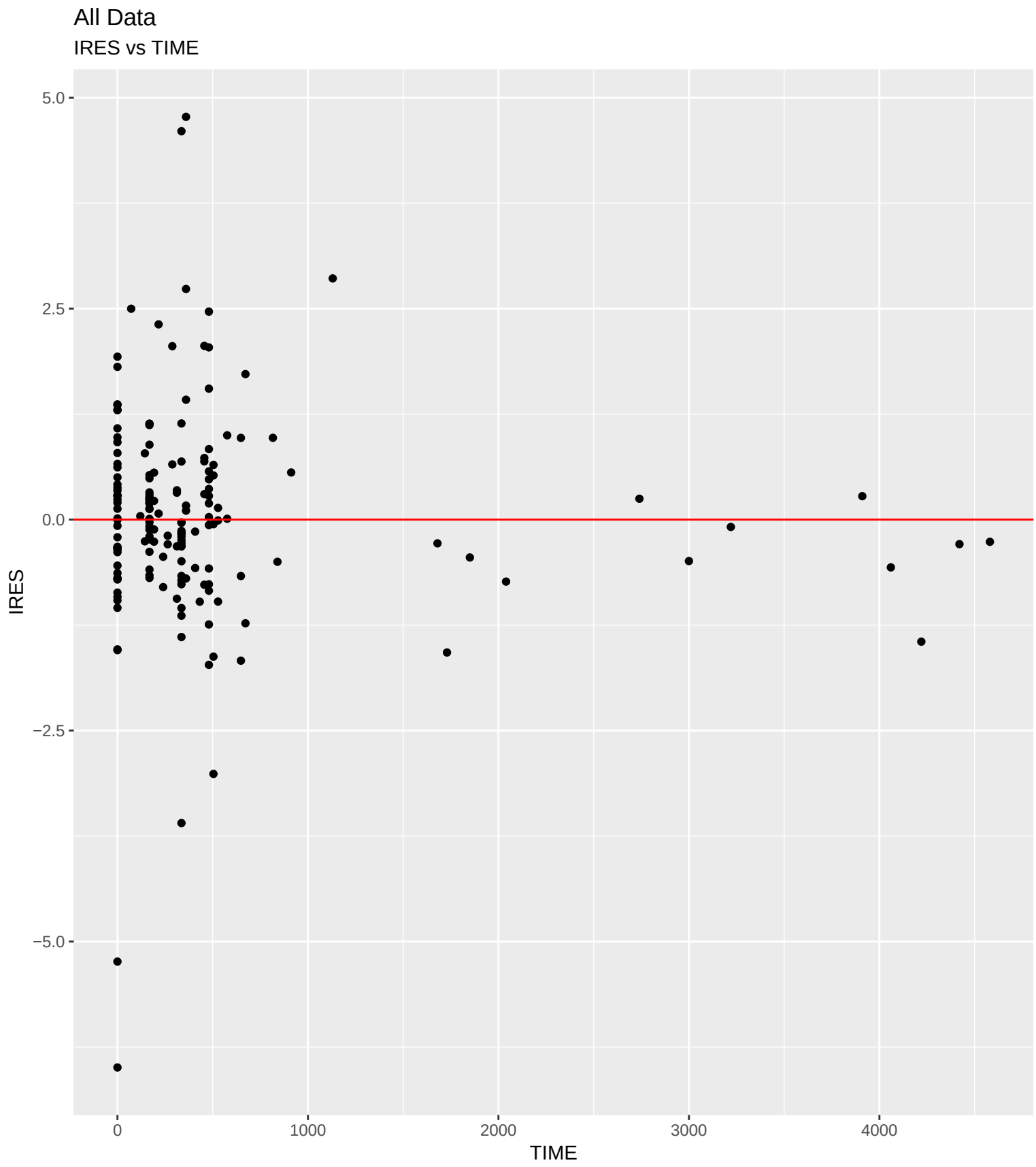
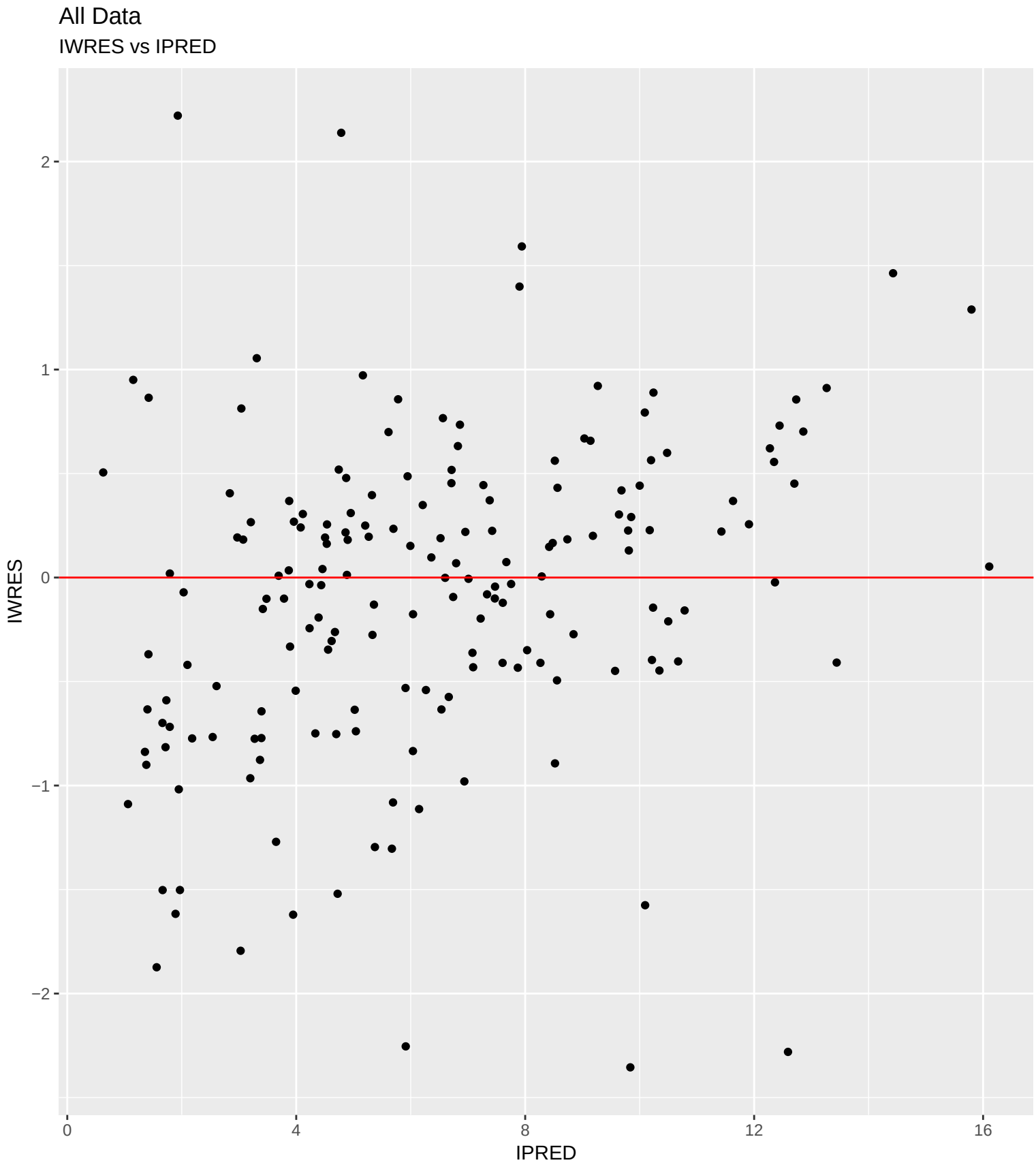
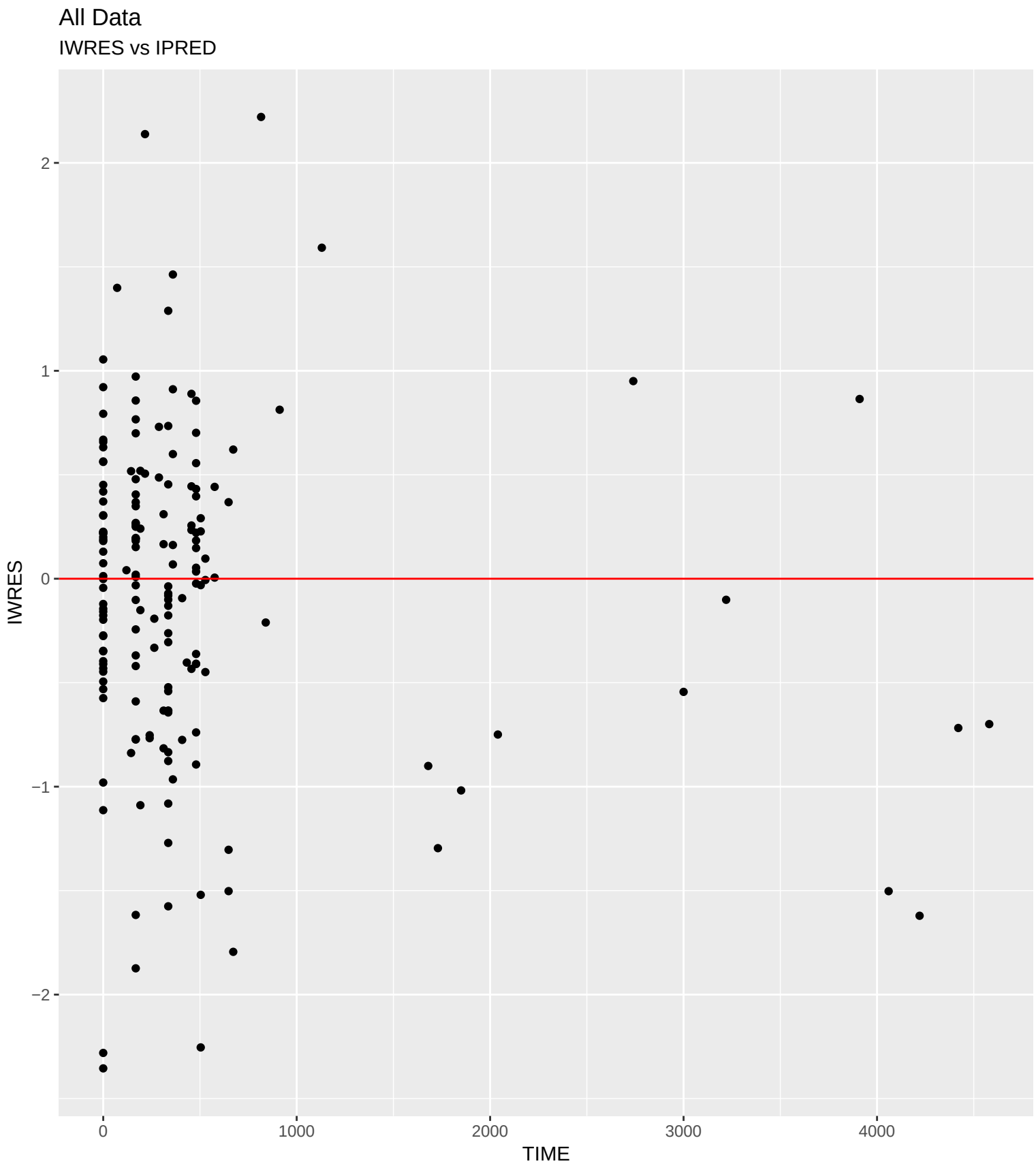

eta.CIRC0
eta.MTT
eta.SLOPU
log_CIRC0
log_GAMMA
log_MTT
log_SLOPU
prop.err
val
iter
0.11
0.10
0.09
0.08
0.07
0.06
0.07
0.06
0.05
0.04
0.03
0.25
0.20
0.15
0.10
2.05
2.00
1.95
1.90
−1.45
−1.50
−1.55
−1.60
4.825
4.800
4.775
4.750
3.6
3.5
3.4
3.3
3.2
0.6
0.5
0.4
0.3
0.2
0
100
200
300
400
500

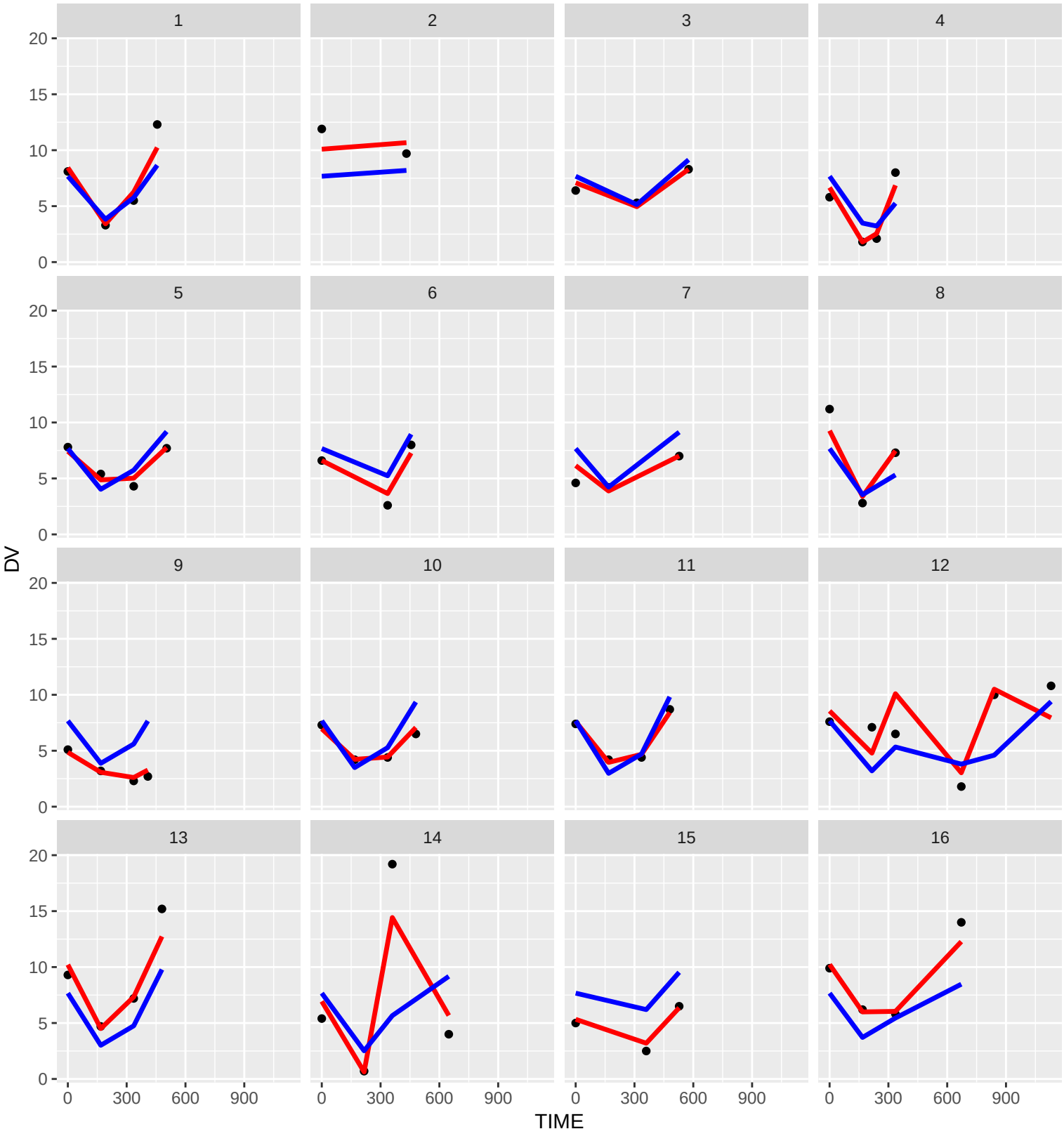

All Data
DV vs PRED/IPRED
PRED
IPRED
DV
Predictions
0
5
10
15
20
0
4
8
12
16


All Data
IRES vs IPRED
5.0
2.5
0.0
−2.5
−5.0
IRES
0
4
8
12
16
IPRED


All Data
IRES vs TIME
5.0
2.5
0.0
−2.5
−5.0
IRES
0
1000
2000
3000
4000
TIME

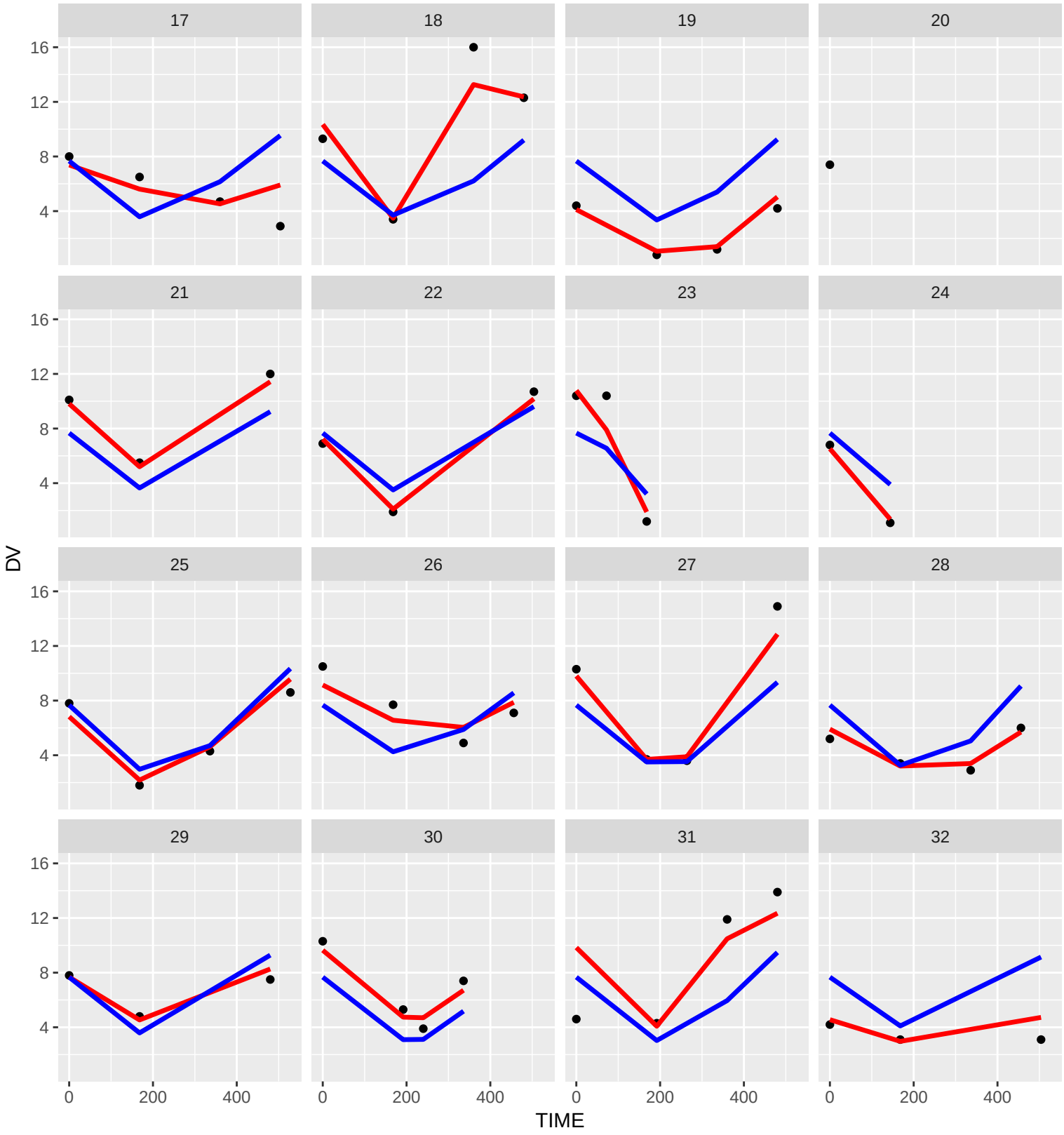

All Data
IWRES vs IPRED
IWRES
IPRED
2
1
0
−1
−2
0
4
8
12
16

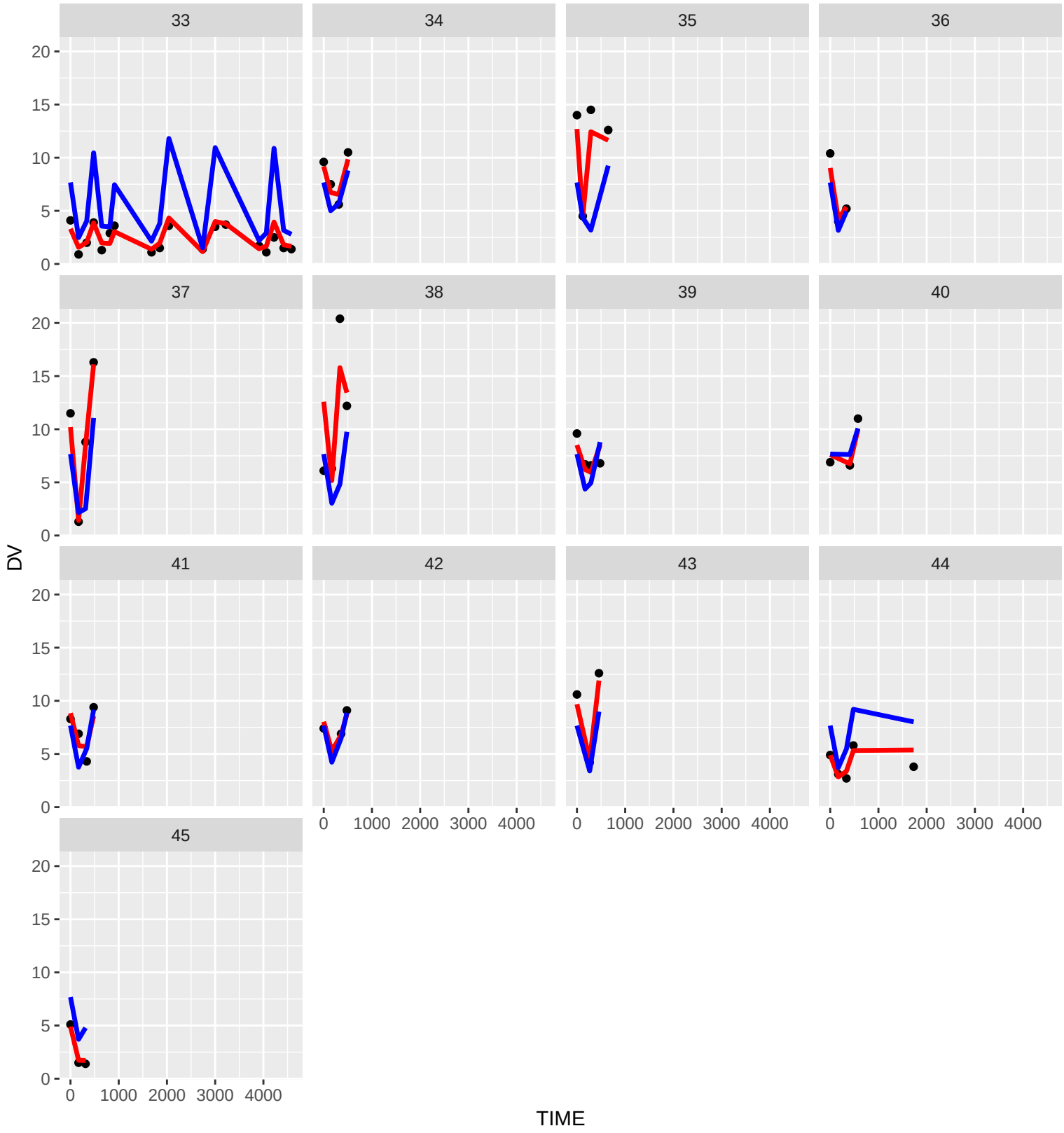

All Data
IWRES vs IPRED
IWRES
TIME
2
1
0
−1
−2
0
1000
2000
3000
4000

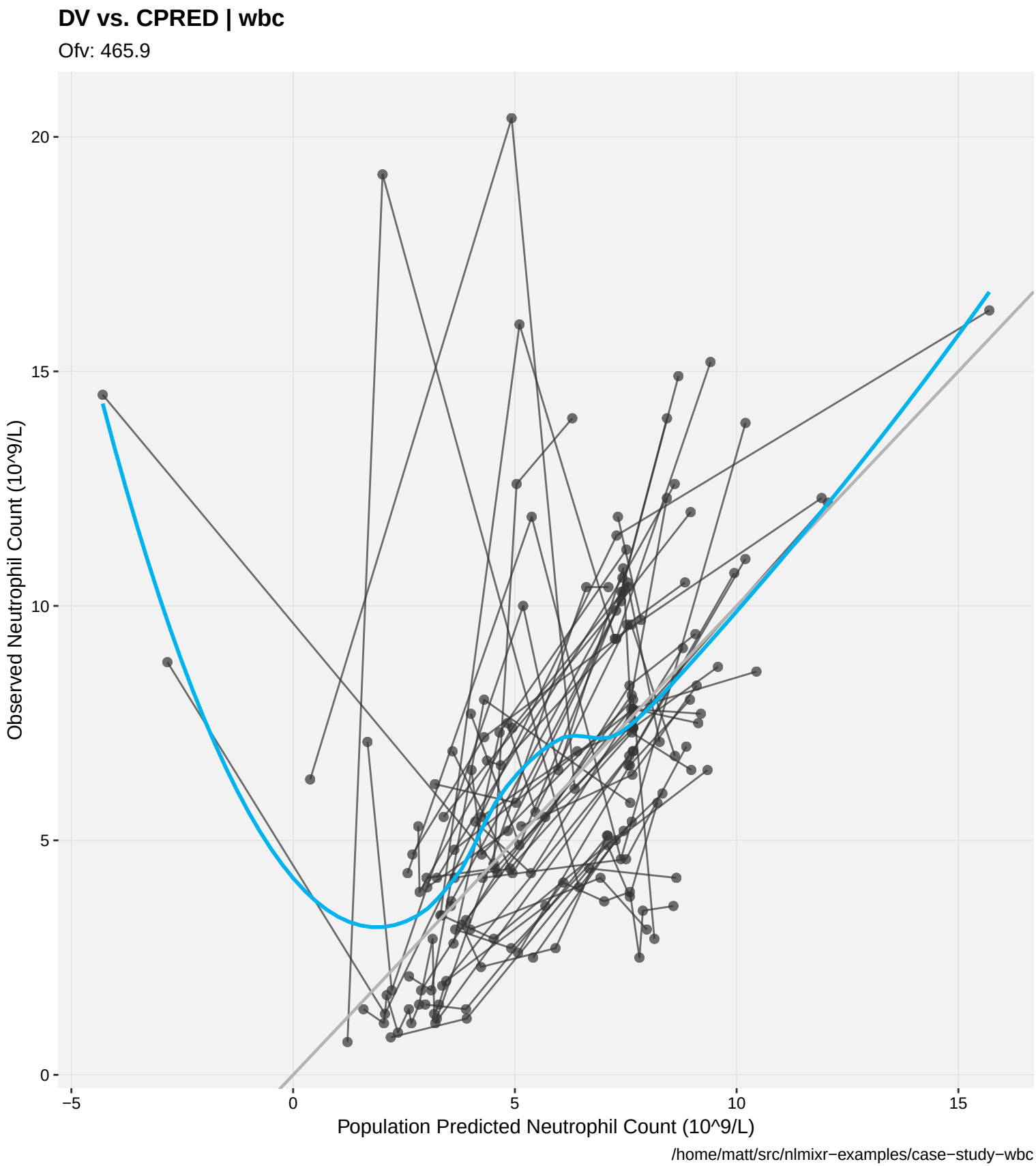

All Data
Individual Plots (1 of 3)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
DV
TIME
0
5
10
15
20
0
300
600
900

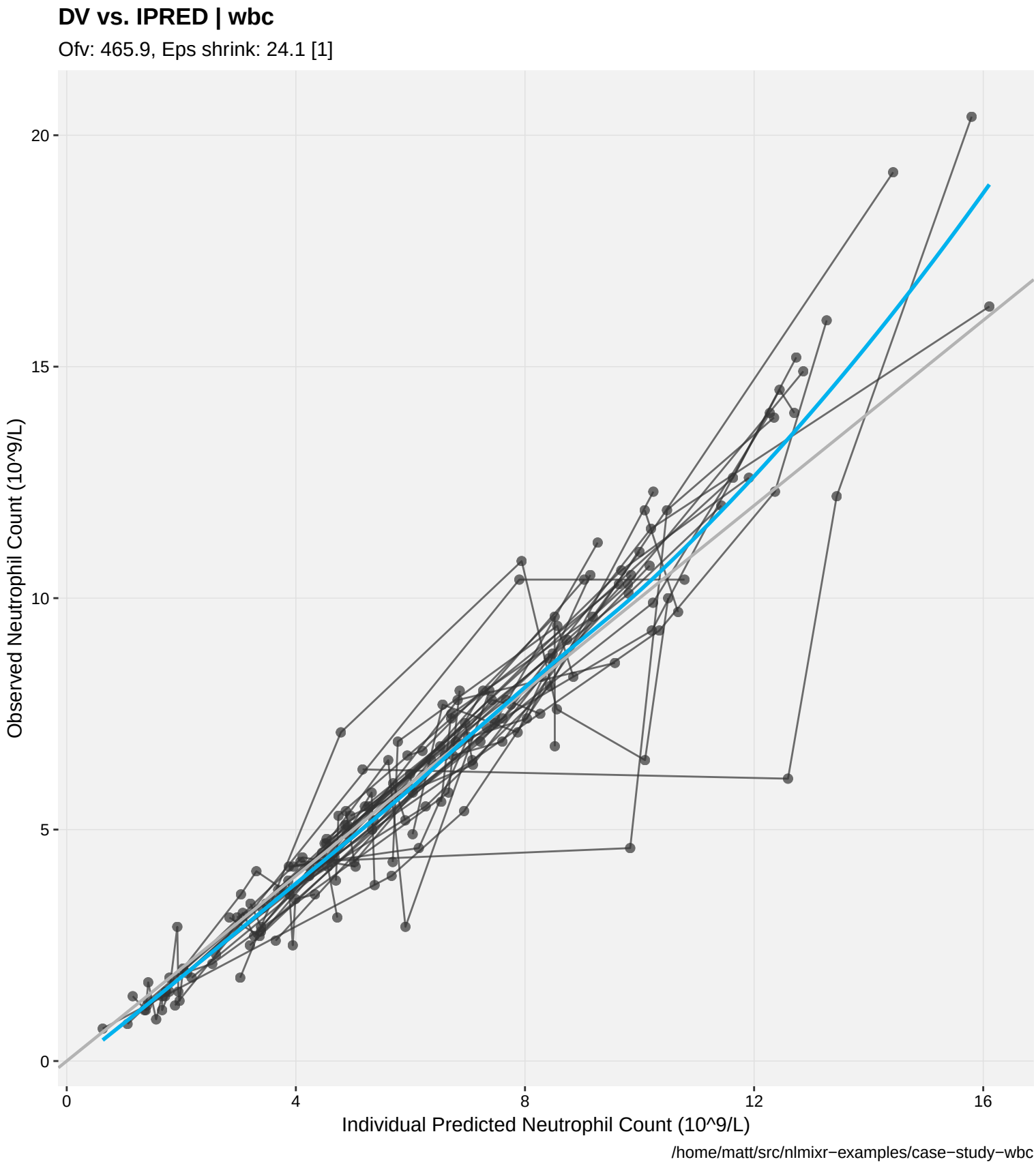
All Data

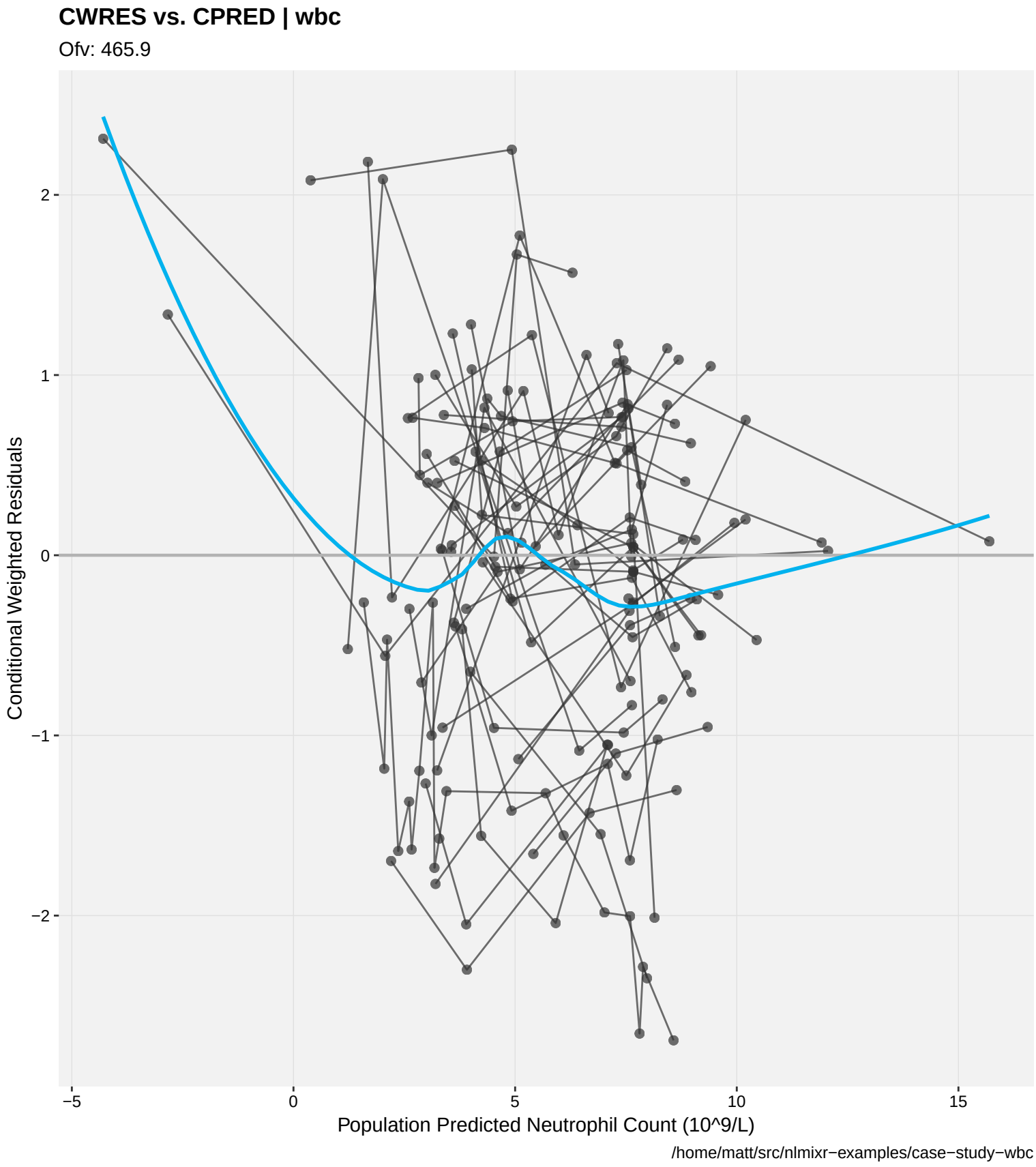
Individual Plots (2 of 3)

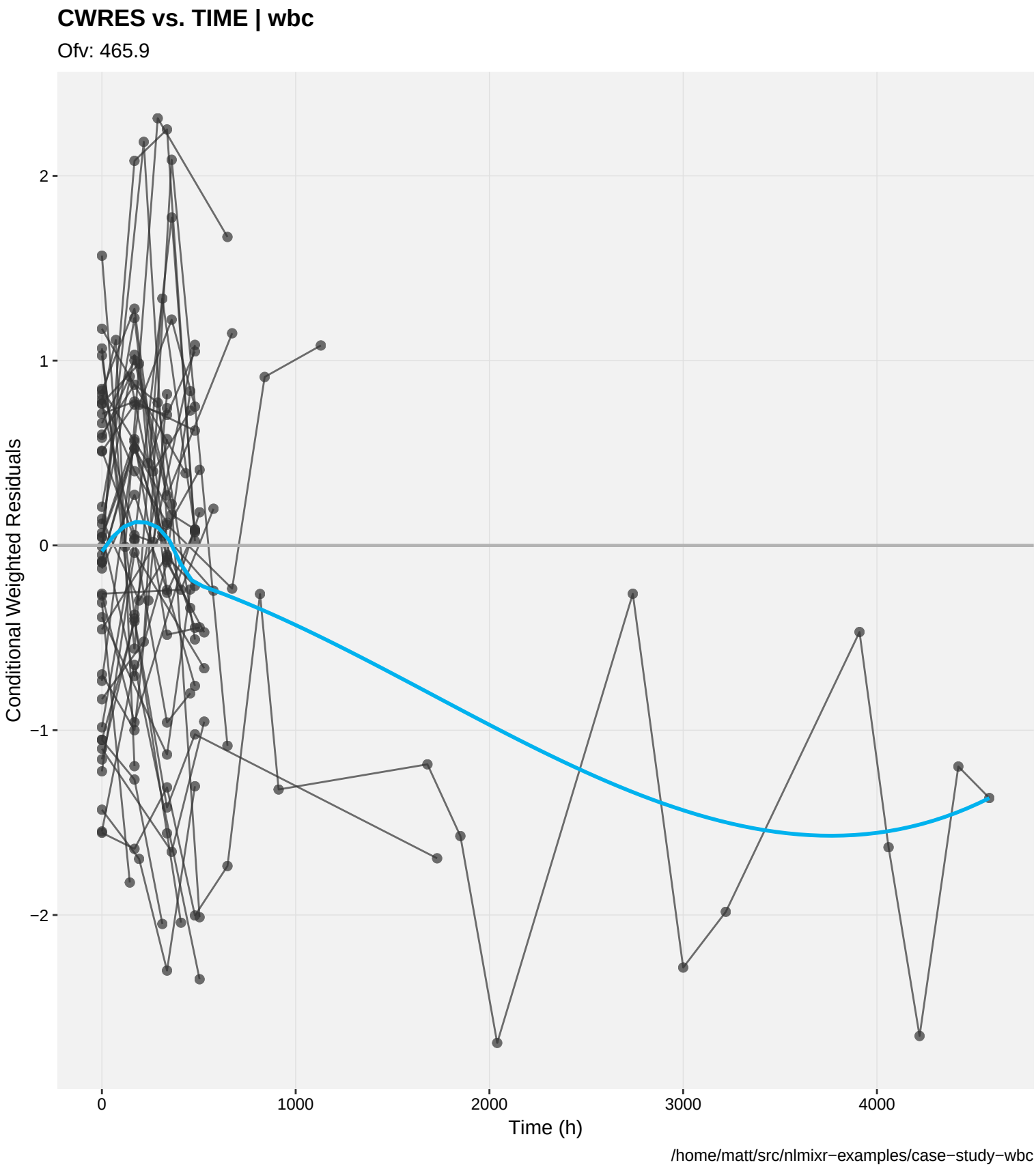



All Data
Individual Plots (3 of 3)
33
34
35
36
37
38
39
40
41
42
43
44
45
DV
TIME
0
5
10
15
20
0
1000
2000
3000
4000


DV vs. CPRED | wbc
Ofv: 465.9
Observed Neutrophil Count (10^9/L)
Population Predicted Neutrophil Count (10^9/L)
0
5
10
15
20
−5
0
5
10
15
/home/matt/src/nlmixr−examples/case−study−wbc

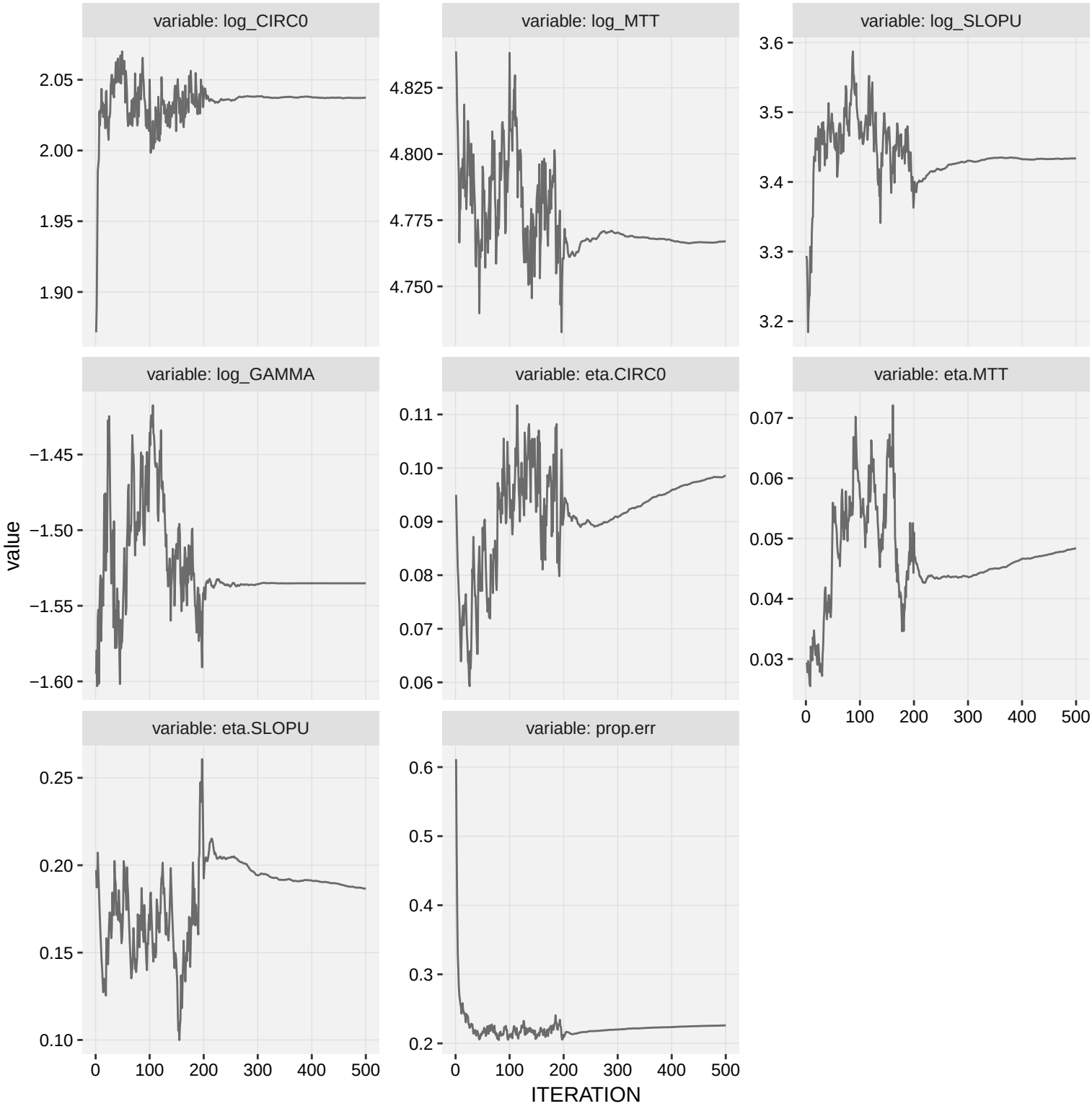

DV vs. IPRED | wbc
Ofv: 465.9, Eps shrink: 24.1 [1]
Observed Neutrophil Count (10^9/L)
Individual Predicted Neutrophil Count (10^9/L)
0
5
10
15
20
0
4
8
12
16
/home/matt/src/nlmixr−examples/case−study−wbc

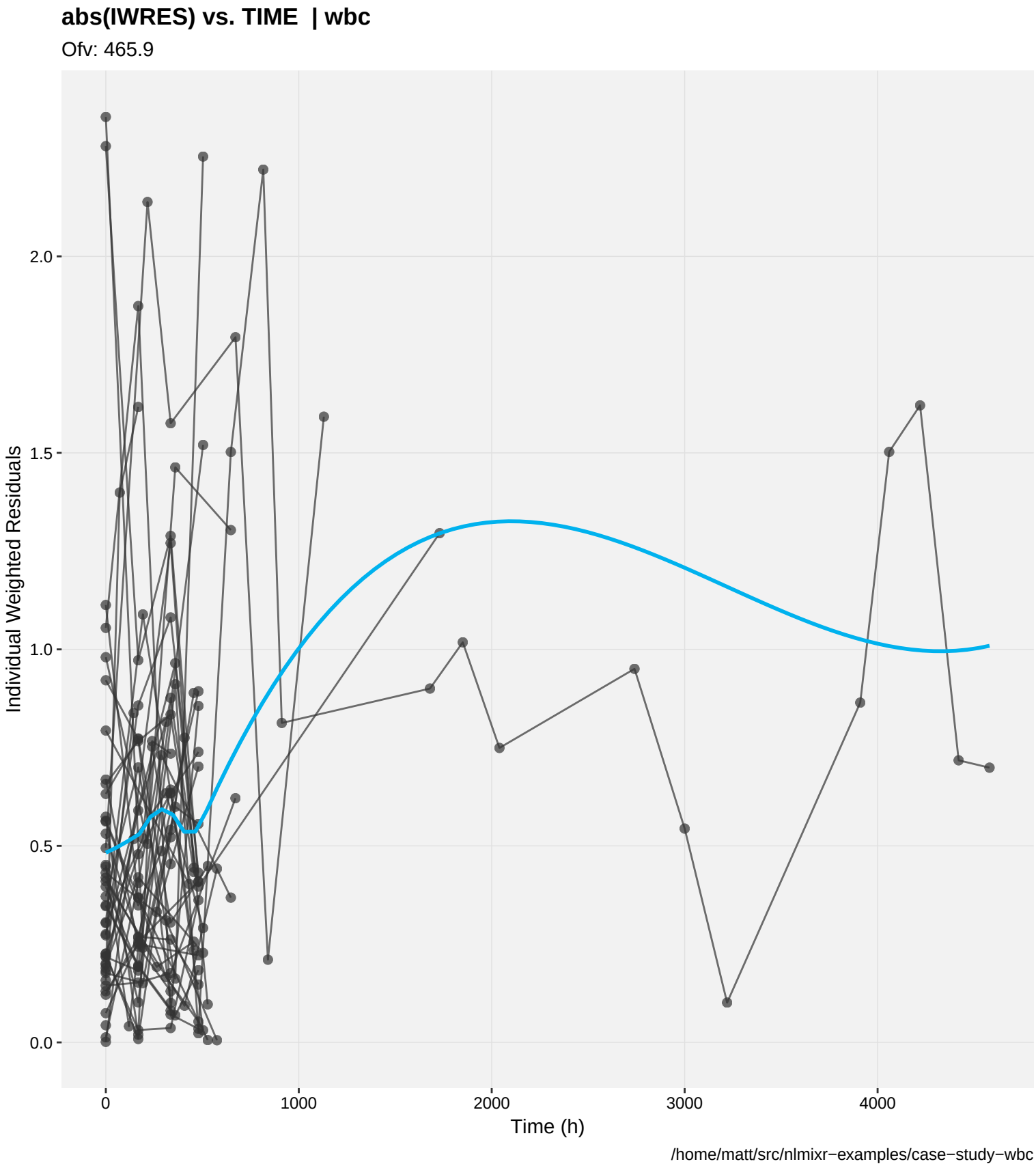

CWRES vs. CPRED | wbc
Ofv: 465.9
Conditional Weighted Residuals
2
1
0
−1
−2
−5
0
5
10
15
Population Predicted Neutrophil Count (10^9/L)
/home/matt/src/nlmixr−examples/case−study−wbc

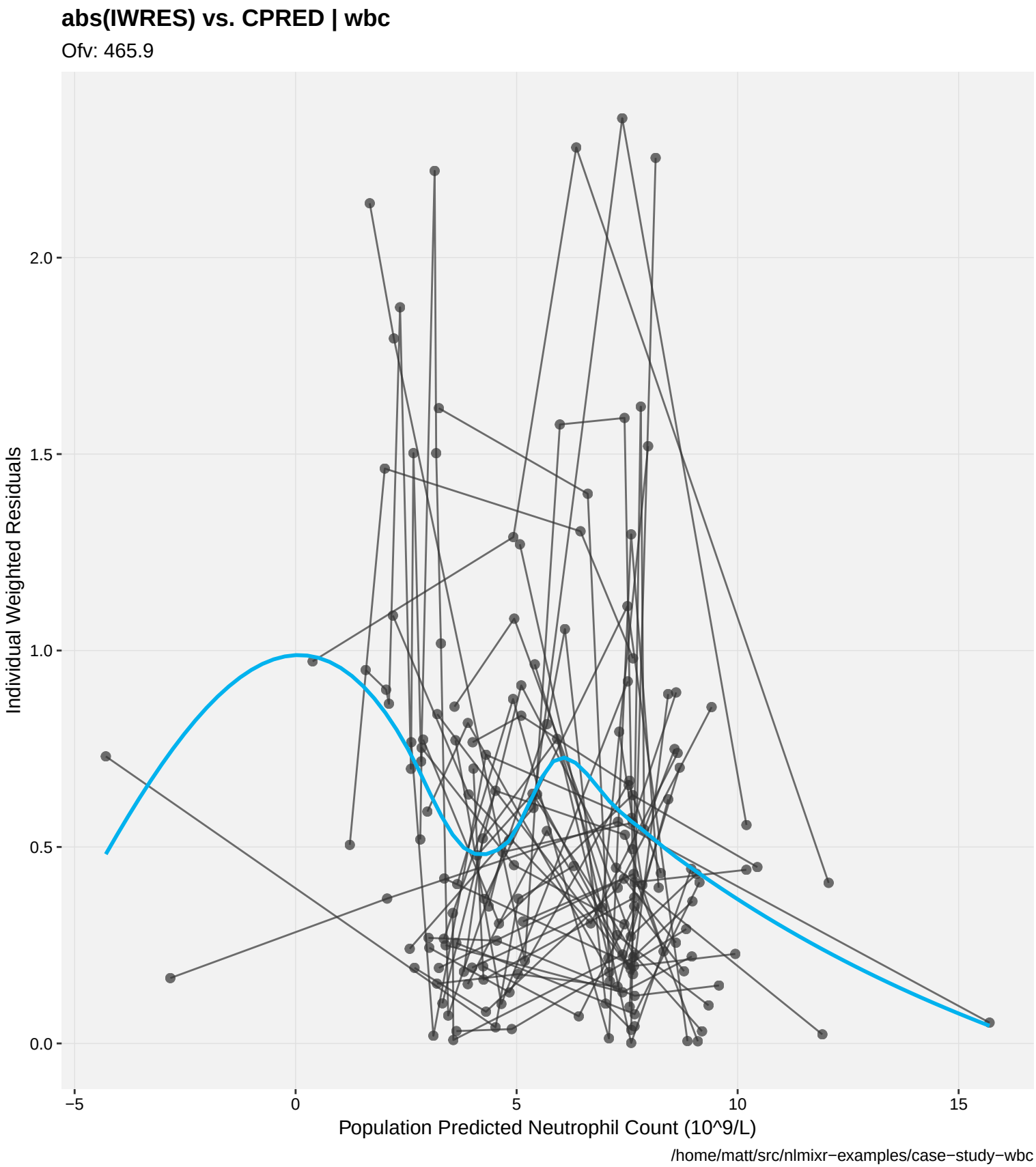

CWRES vs. TIME | wbc
Ofv: 465.9
Conditional Weighted Residuals
2
1
0
−1
−2
0
1000
2000
3000
4000
Time (h)
/home/matt/src/nlmixr−examples/case−study−wbc

Parameter value vs. ITERATION | wbc

Method: SAEM, minimization time: 0.4
Termination message: na

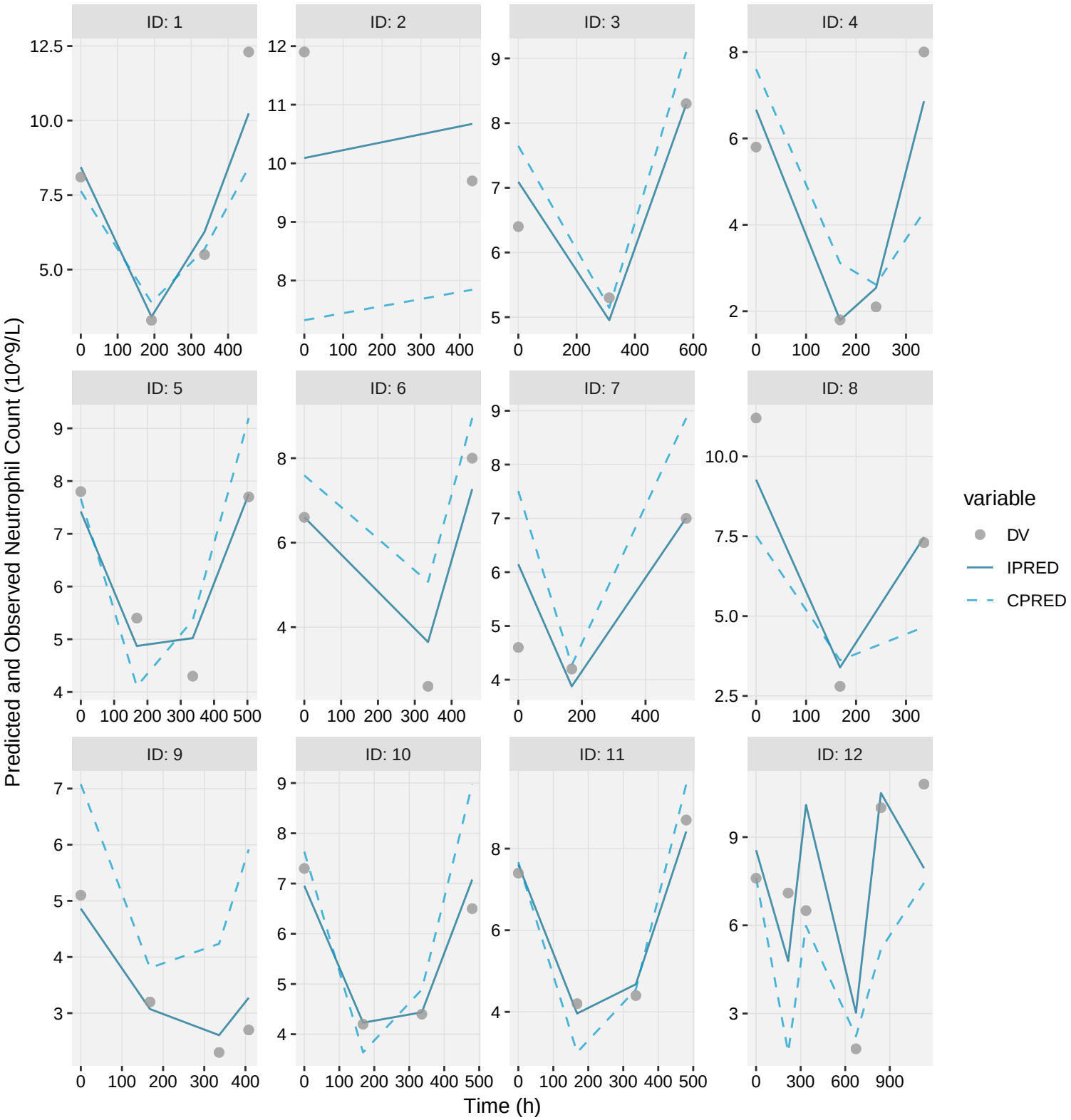



abs(IWRES) vs. TIME | wbc
Ofv: 465.9
Individual Weighted Residuals
2.0
1.5
1.0
0.5
0.0
0
1000
2000
3000
4000
Time (h)
/home/matt/src/nlmixr−examples/case−study−wbc


abs(IWRES) vs. CPRED | wbc
Ofv: 465.9
Individual Weighted Residuals
2.0
1.5
1.0
0.5
0.0
−5
0
5
10
15
Population Predicted Neutrophil Count (10^9/L)
/home/matt/src/nlmixr−examples/case−study−wbc

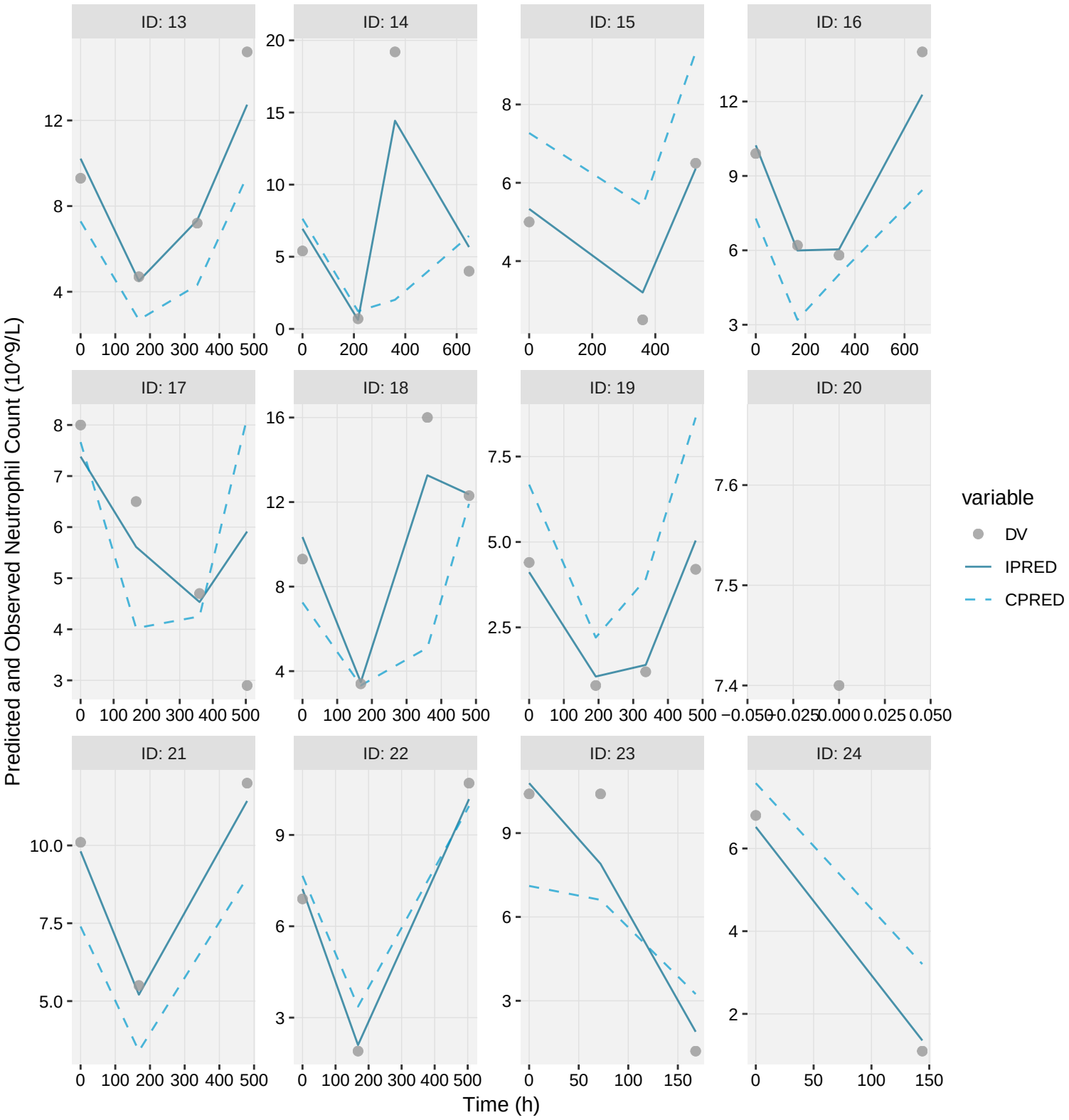
Individual plots | wbc

Ofv: 465.9, Eps shrink: 24.1 [1]



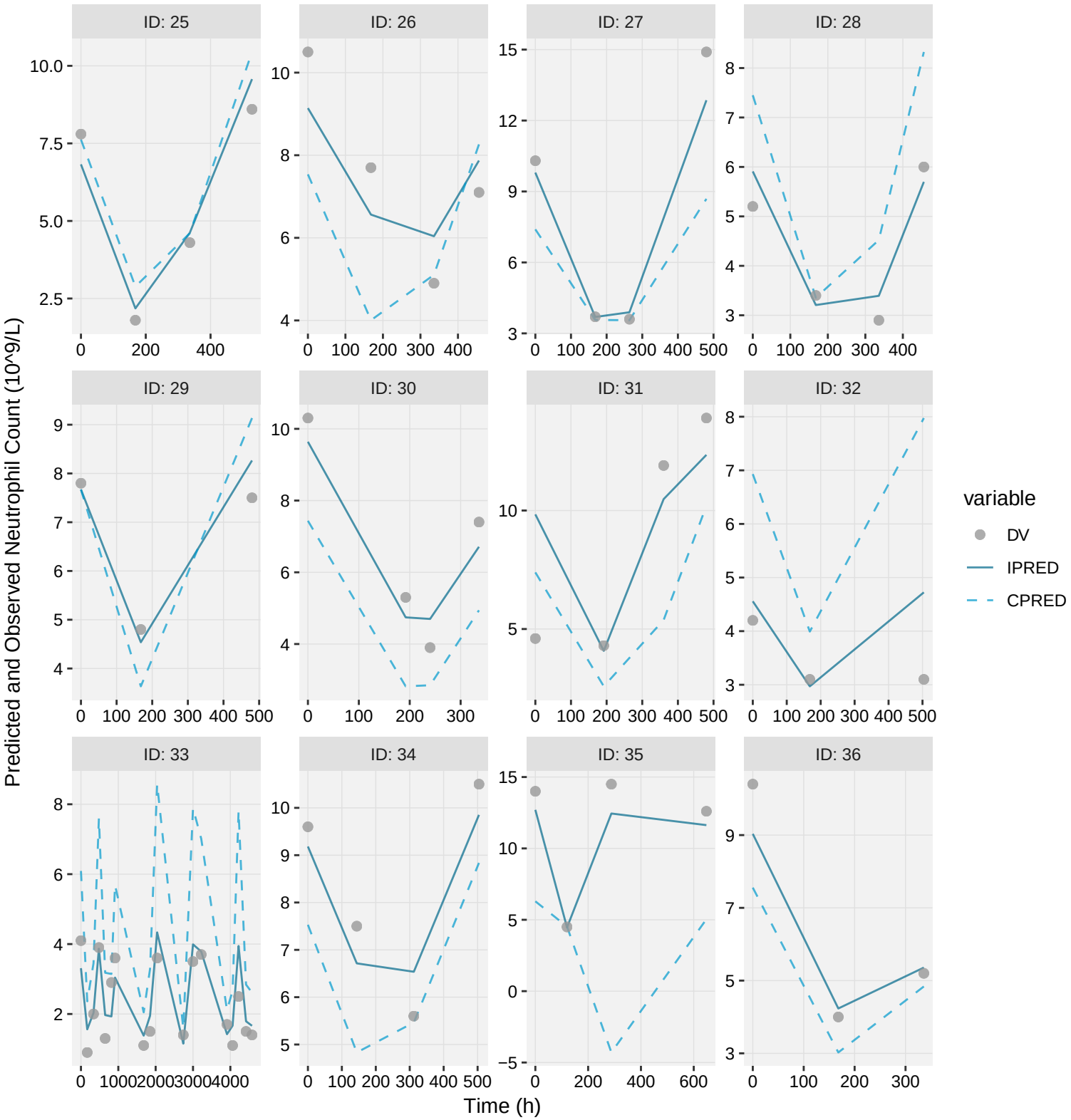
Individual plots | wbc

Ofv: 465.9, Eps shrink: 24.1 [1]



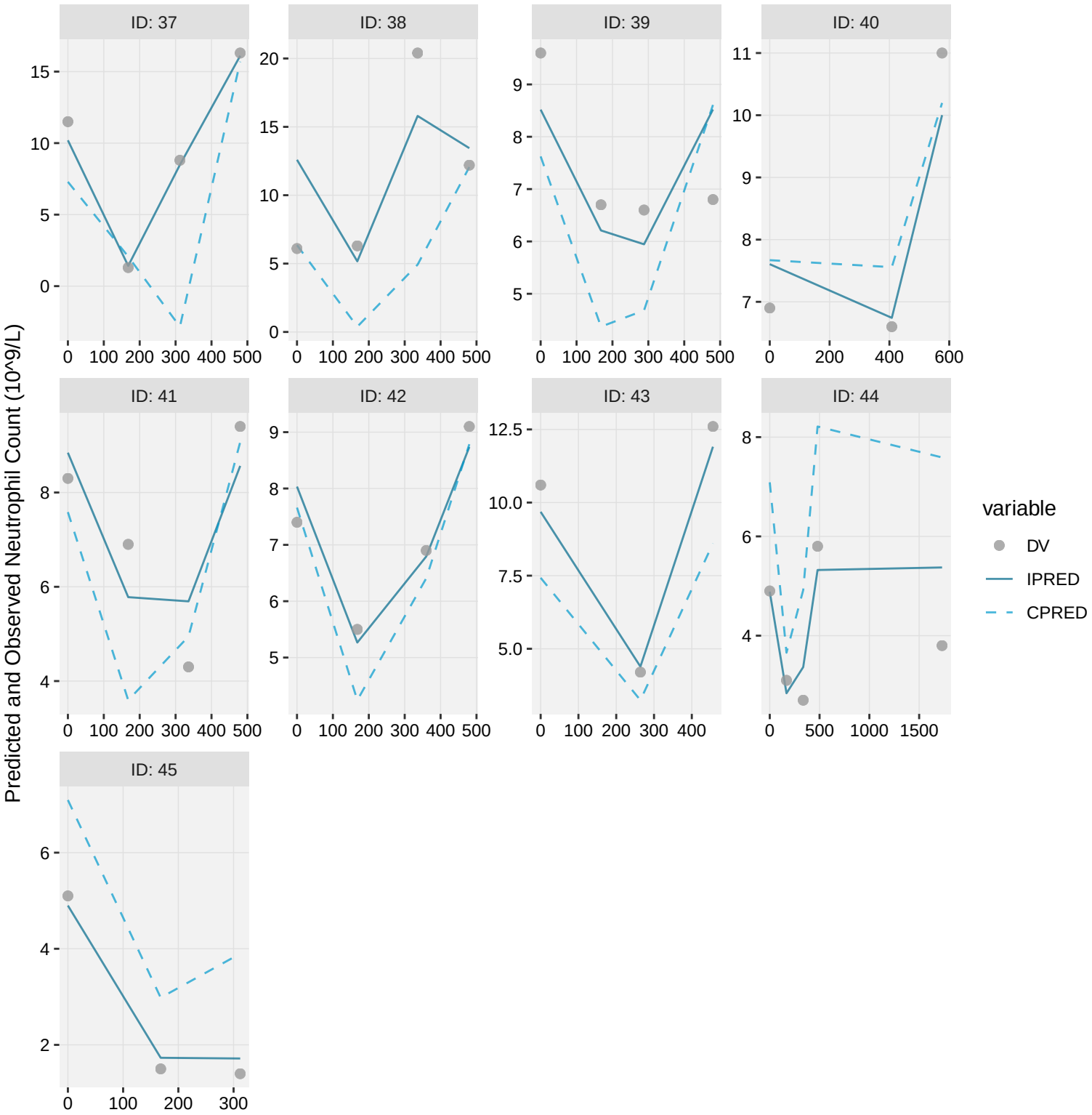
Individual plots | wbc

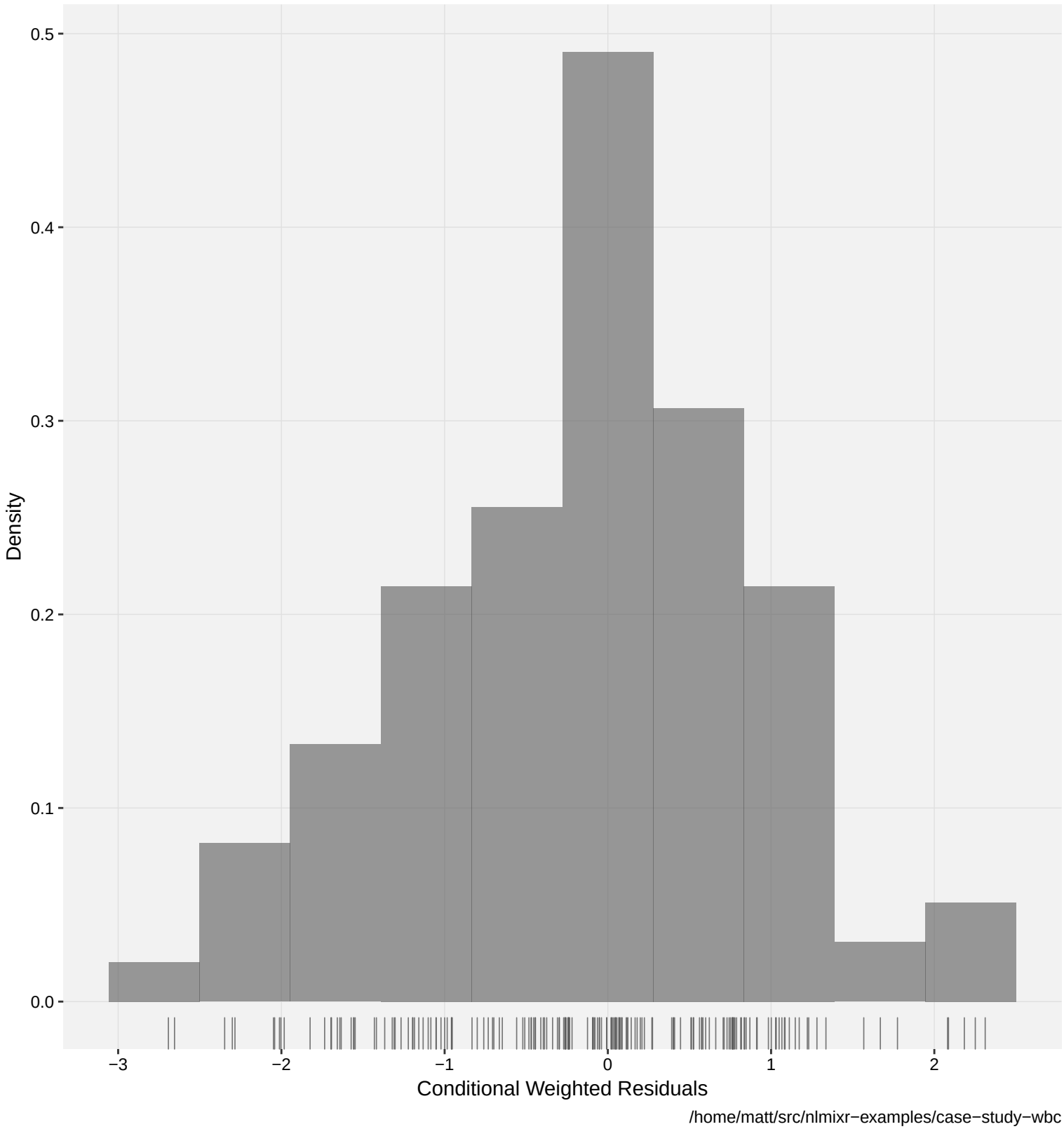
Ofv: 465.9, Eps shrink: 24.1 [1]

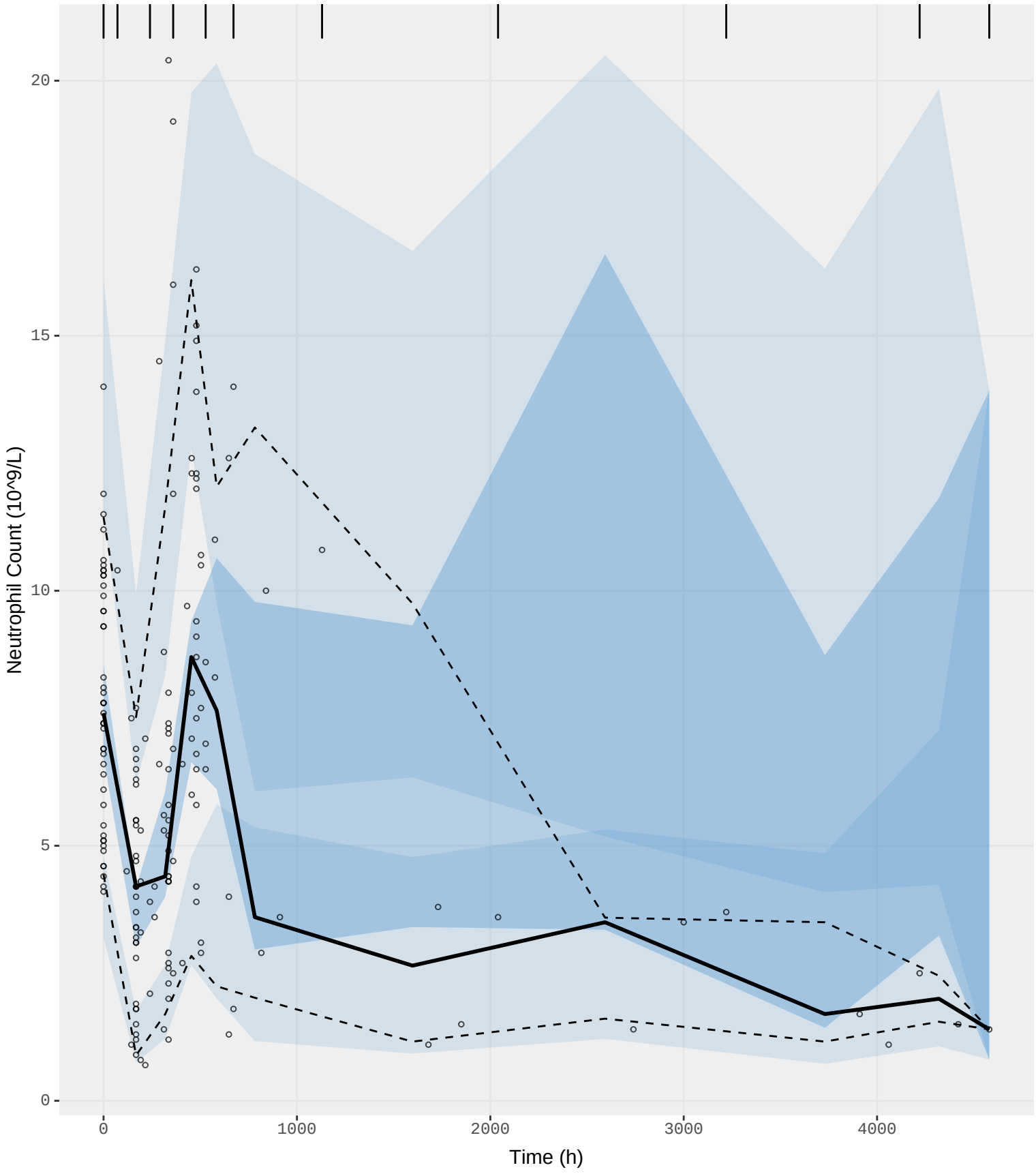


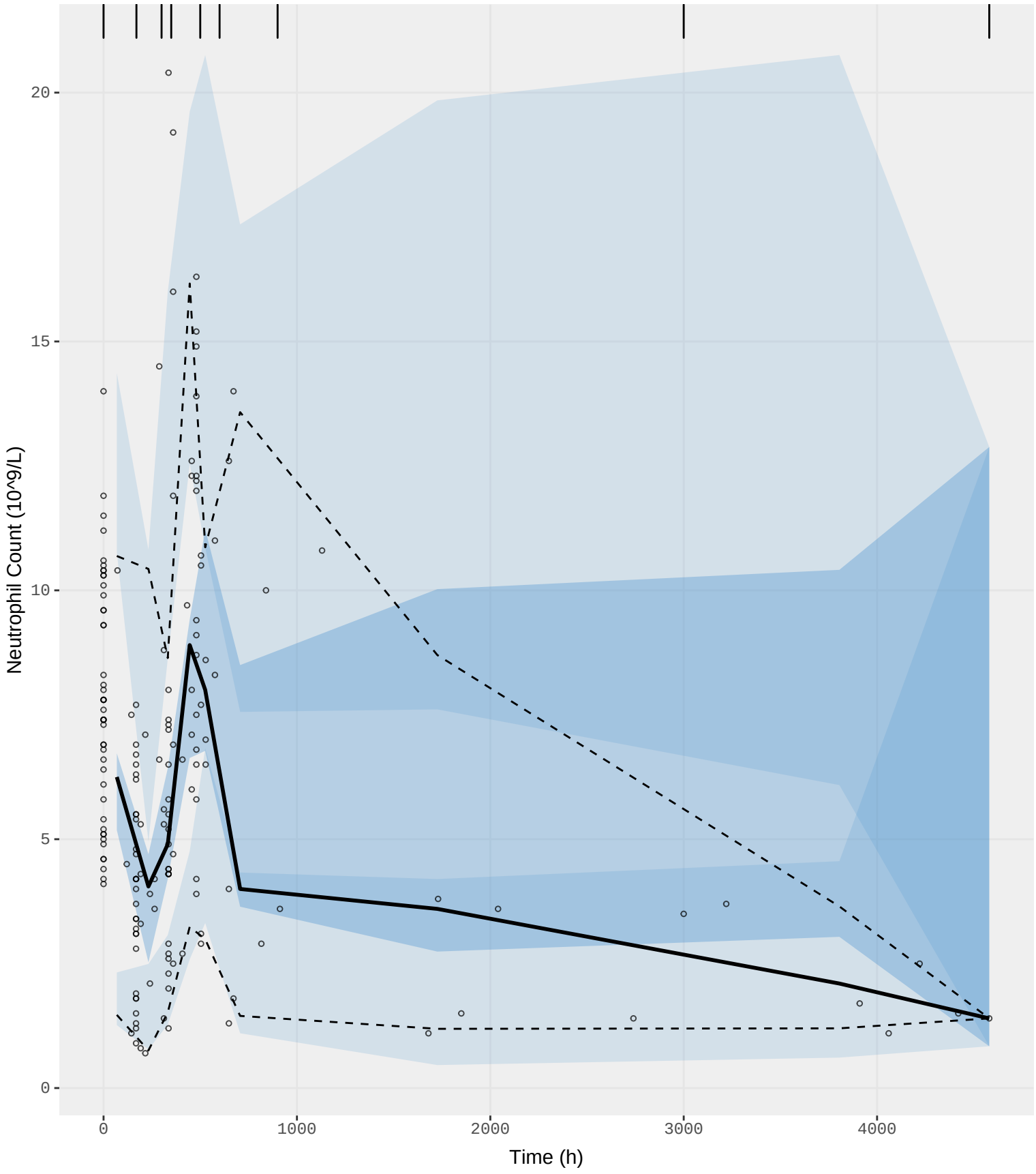
Individual plots | wbc

Ofv: 465.9, Eps shrink: 24.1 [1]




CWRES distribution | wbc
Based on 176 observations
0.5
0.4
0.3
0.2
0.1
0.0
Density
−3
−2
−1
0
1
2
Conditional Weighted Residuals
/home/matt/src/nlmixr−examples/case−study−wbc


Neutrophil Count (10^9/L)
20
15
10
5
0
0
1000
2000
3000
4000
Time (h)


Neutrophil Count (10^9/L)
20
15
10
5
0
0
1000
2000
3000
4000
Time (h)