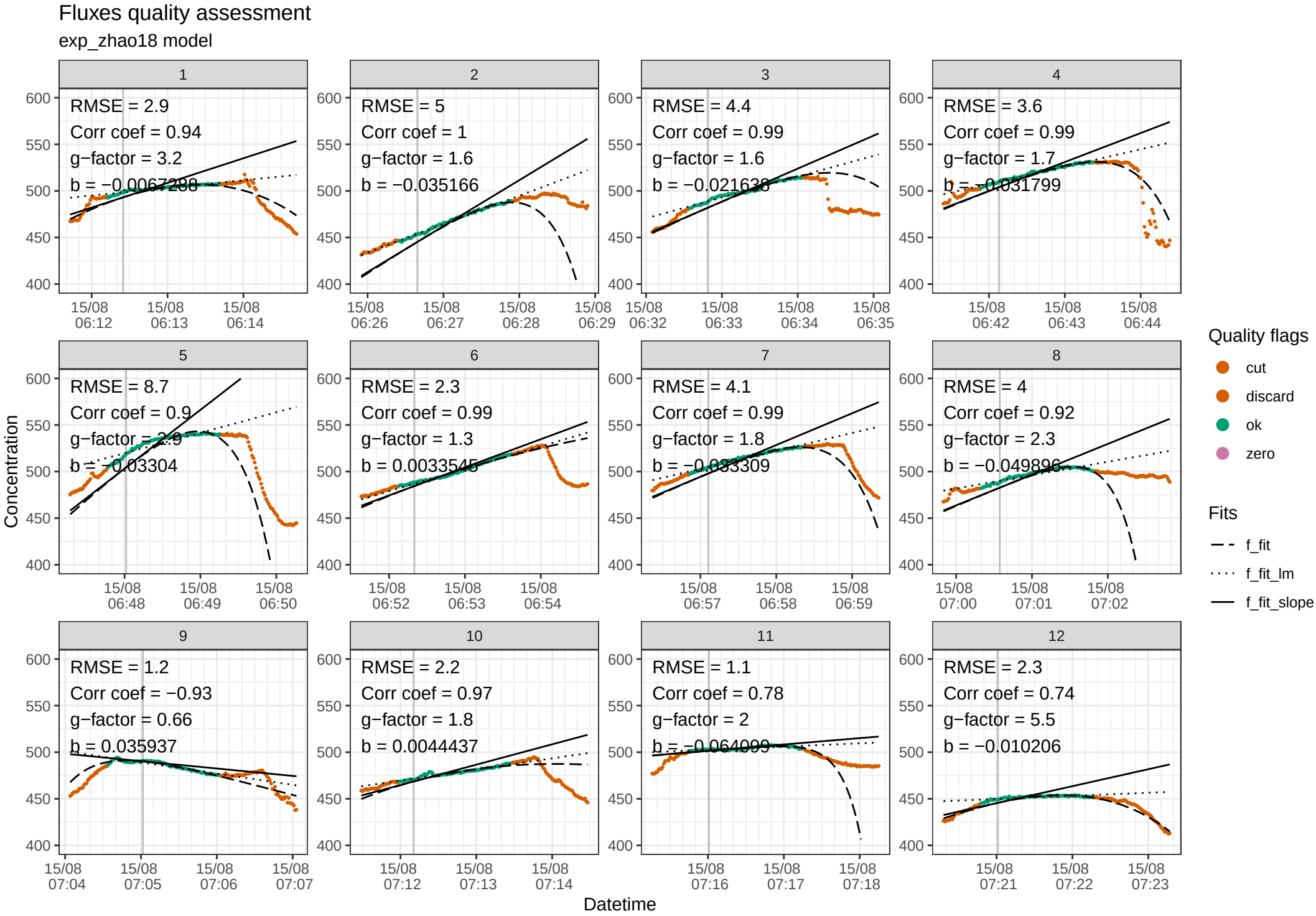
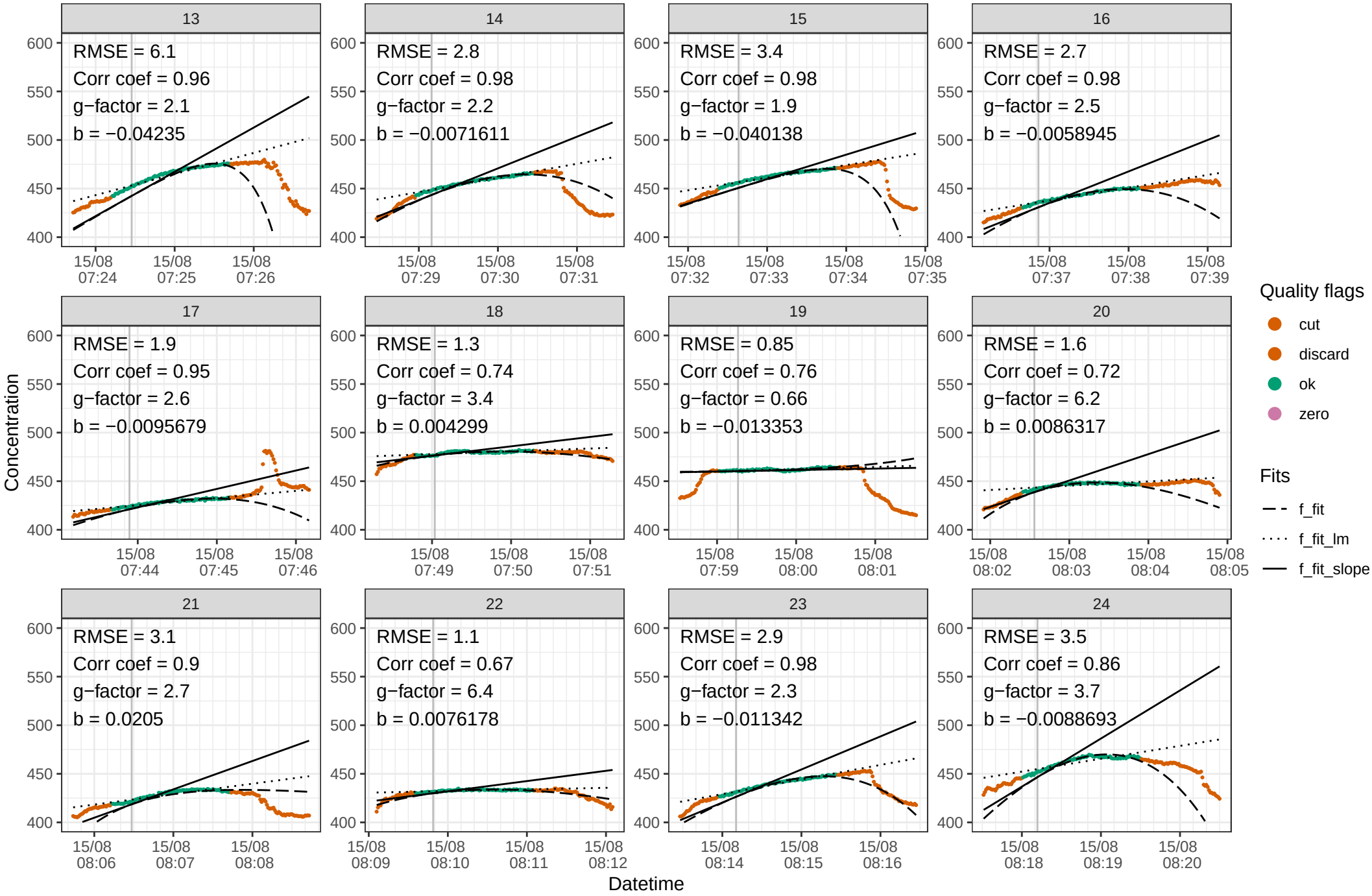
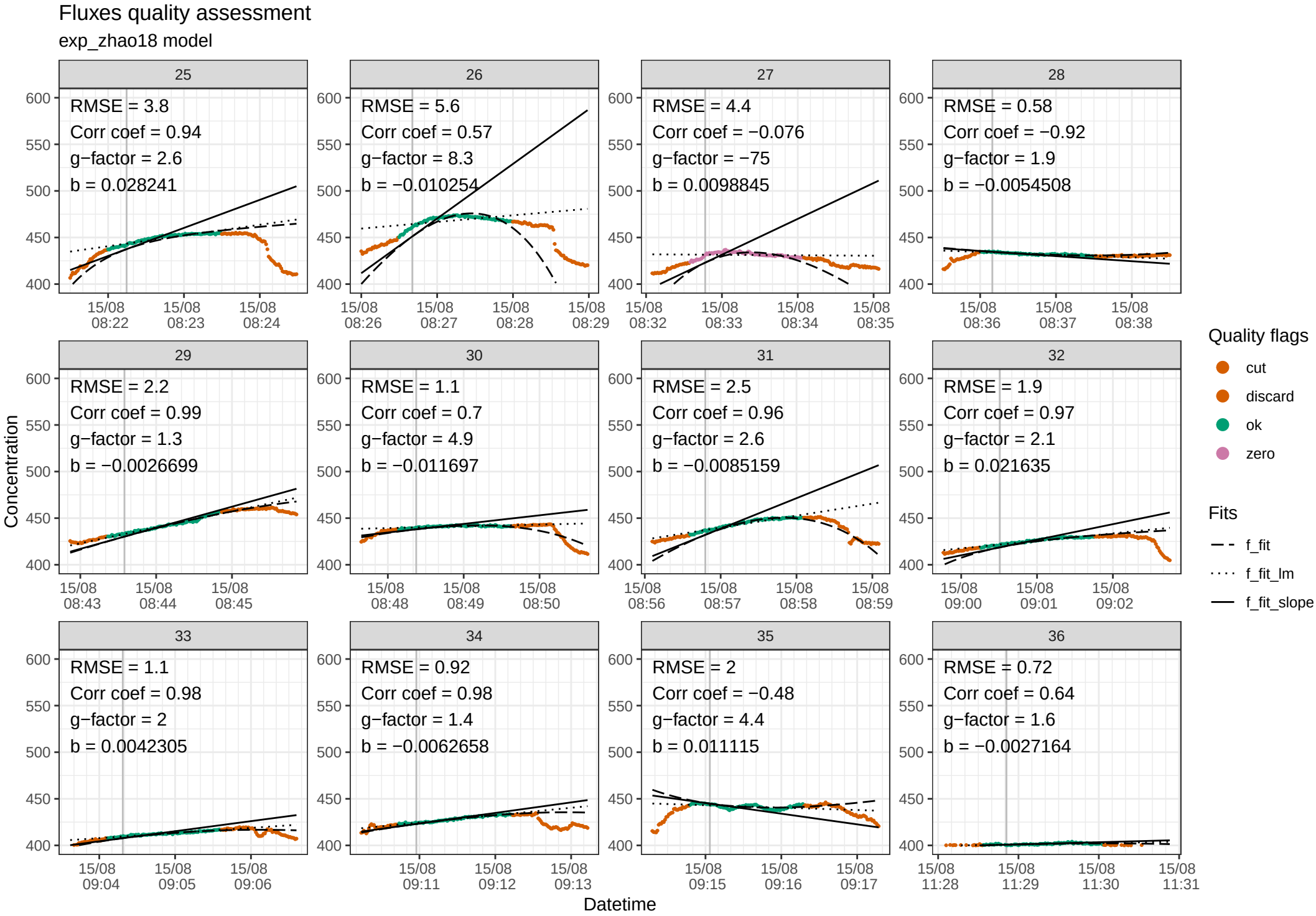
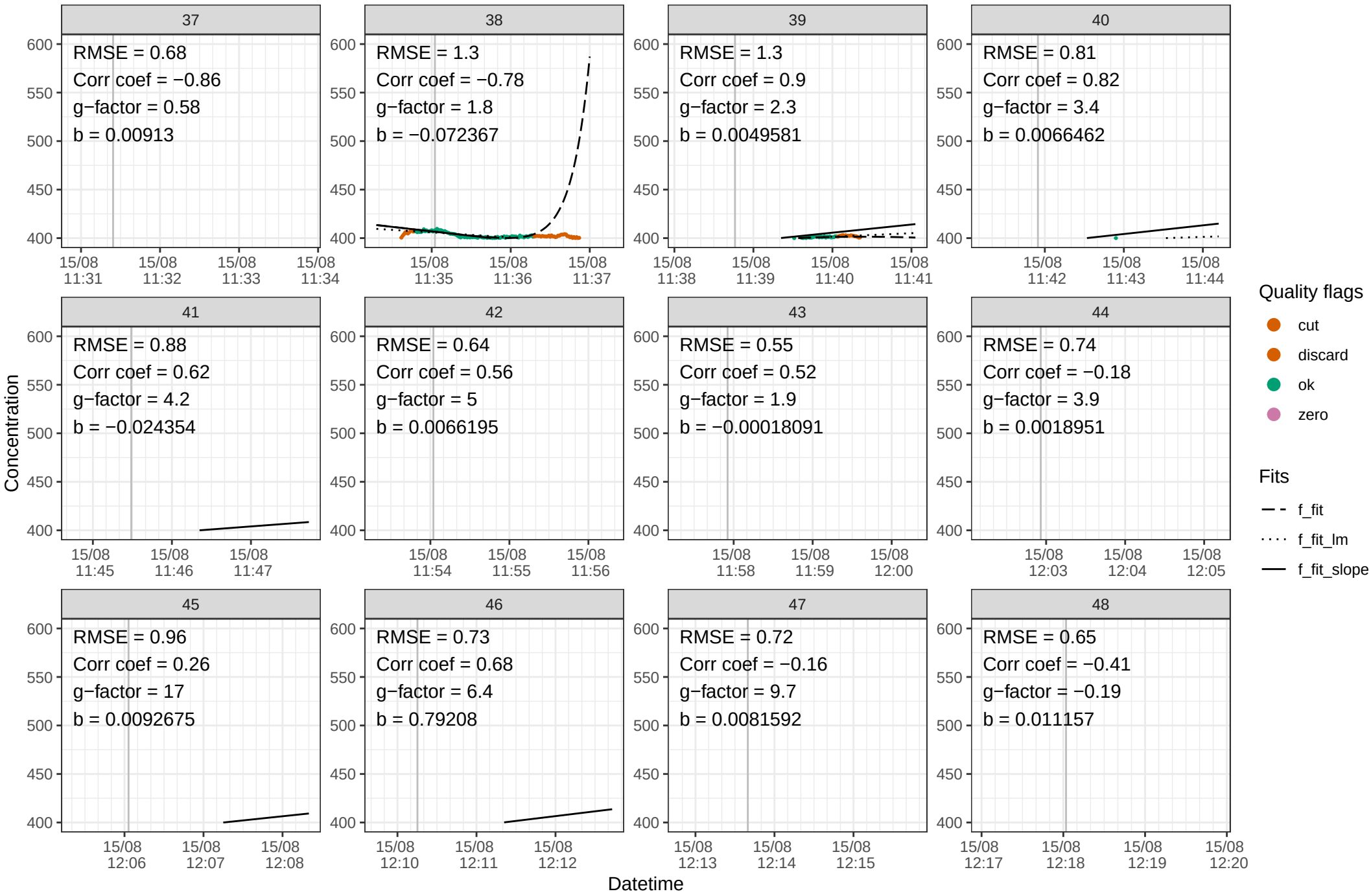
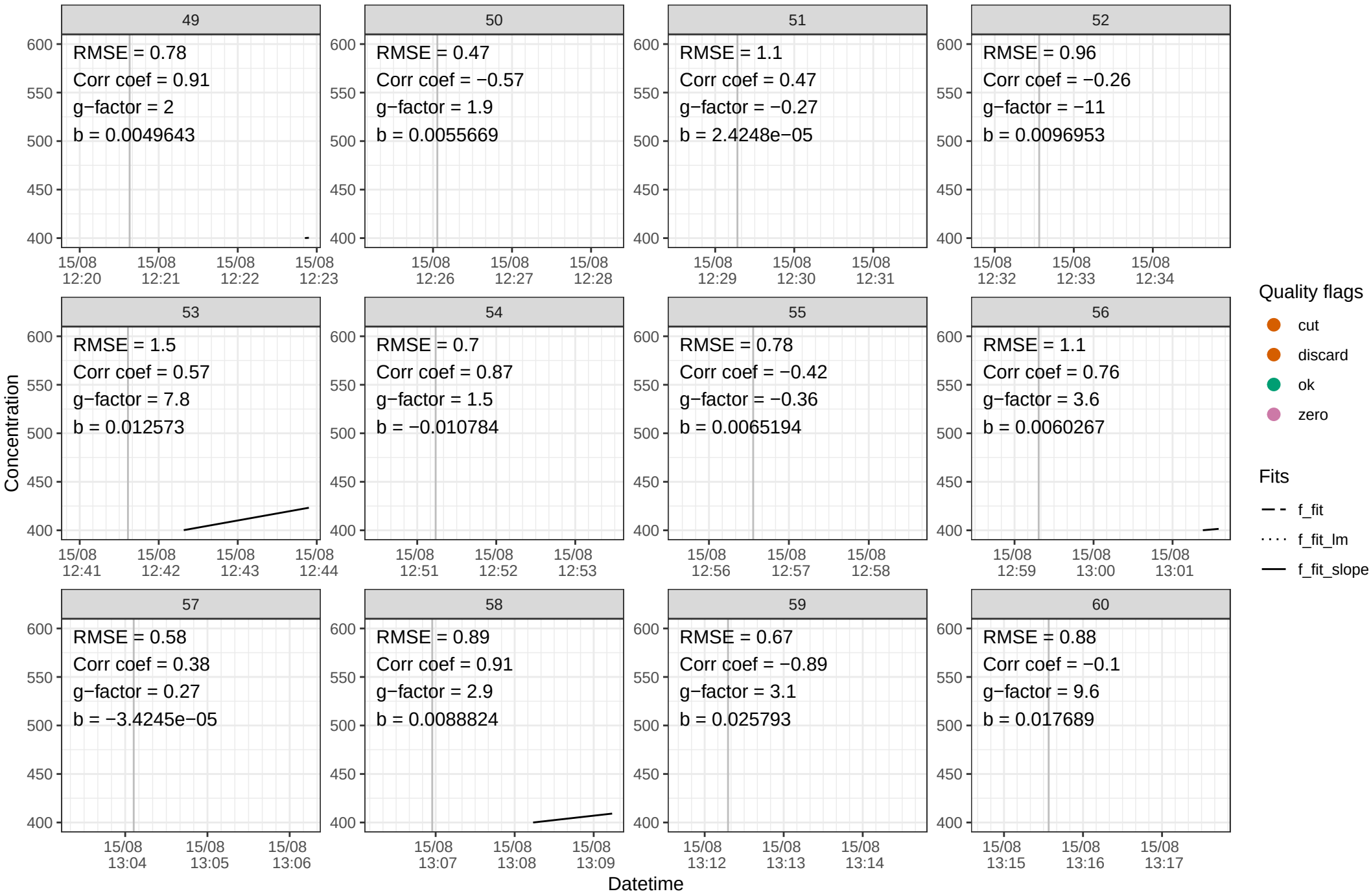
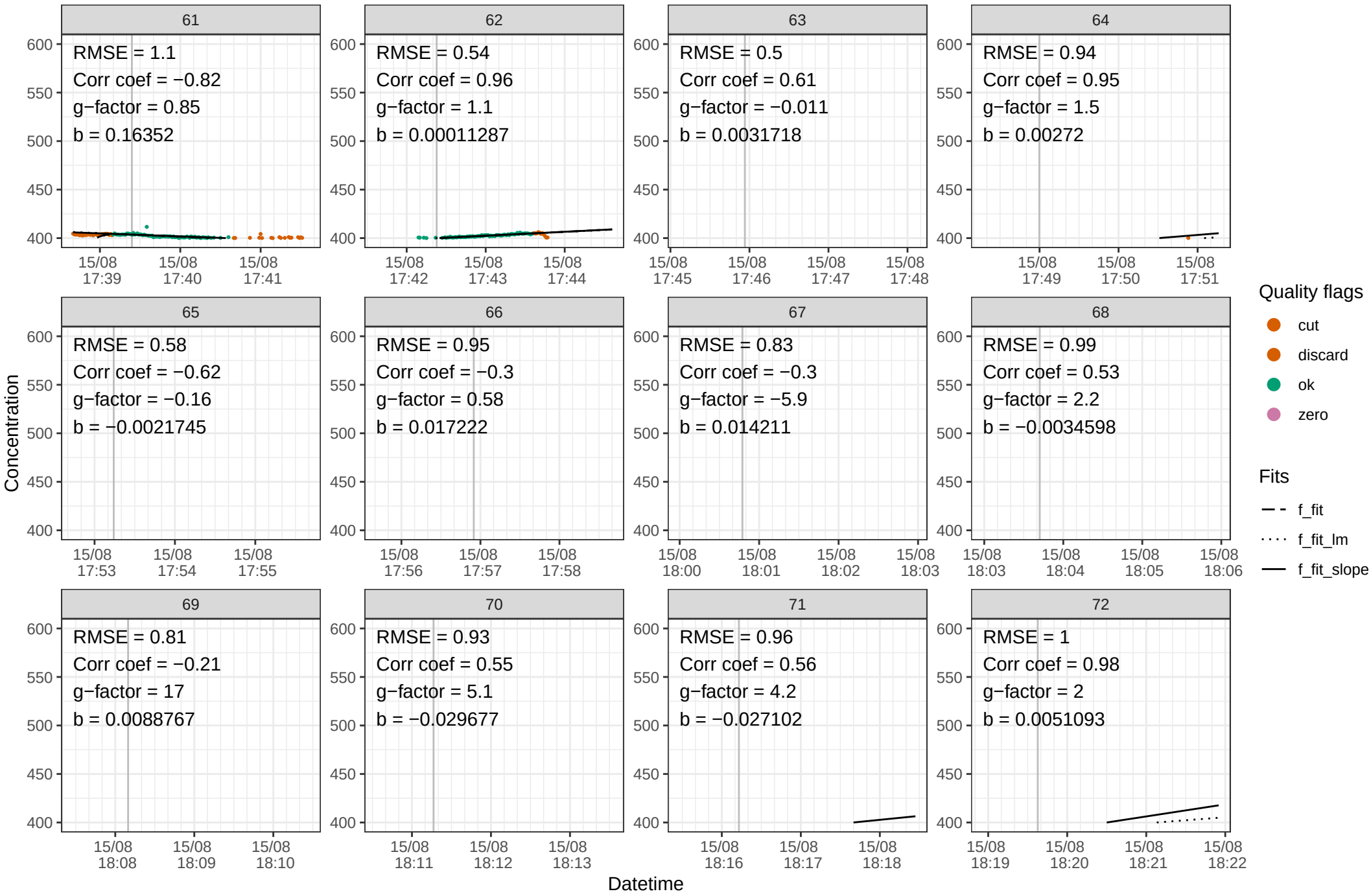

Fluxes quality assessment
exp_zhao18 model
1
RMSE = 2.9
Corr coef = 0.94
g−factor = 3.2
b = −0.0067298
2
RMSE = 5
Corr coef = 1
g−factor = 1.6
b = −0.035166
3
RMSE = 4.4
Corr coef = 0.99
g−factor = 1.6
b = −0.021638
4
RMSE = 3.6
Corr coef = 0.99
g−factor = 1.7
b = −0.031799
5
RMSE = 8.7
Corr coef = 0.9
g−factor = 2.9
b = −0.03304
6
RMSE = 2.3
Corr coef = 0.99
g−factor = 1.3
b = 0.0033545
7
RMSE = 4.1
Corr coef = 0.99
g−factor = 1.8
b = −0.033309
8
RMSE = 4
Corr coef = 0.92
g−factor = 2.3
b = −0.049896
9
RMSE = 1.2
Corr coef = −0.93
g−factor = 0.66
b = 0.035937
10
RMSE = 2.2
Corr coef = 0.97
g−factor = 1.8
b = 0.0044437
11
RMSE = 1.1
Corr coef = 0.78
g−factor = 2
b = −0.064099
12
RMSE = 2.3
Corr coef = 0.74
g−factor = 5.5
b = −0.010206
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

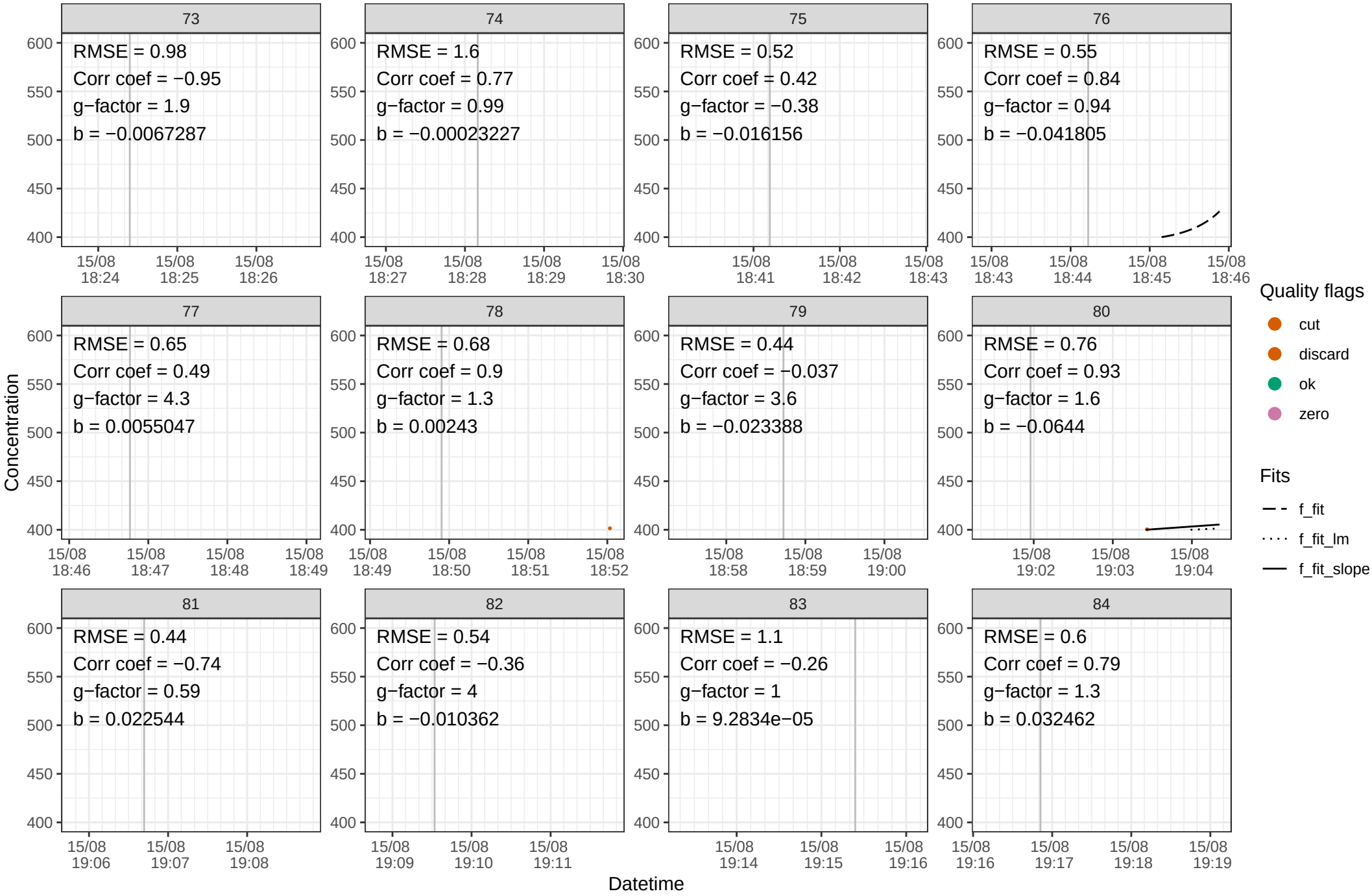

Fluxes quality assessment
exp_zhao18 model
13
RMSE = 6.1
Corr coef = 0.96
g−factor = 2.1
b = −0.04235
14
RMSE = 2.8
Corr coef = 0.98
g−factor = 2.2
b = −0.0071611
15
RMSE = 3.4
Corr coef = 0.98
g−factor = 1.9
b = −0.040138
16
RMSE = 2.7
Corr coef = 0.98
g−factor = 2.5
b = −0.0058945
17
RMSE = 1.9
Corr coef = 0.95
g−factor = 2.6
b = −0.0095679
18
RMSE = 1.3
Corr coef = 0.74
g−factor = 3.4
b = 0.004299
19
RMSE = 0.85
Corr coef = 0.76
g−factor = 0.66
b = −0.013353
20
RMSE = 1.6
Corr coef = 0.72
g−factor = 6.2
b = 0.0086317
21
RMSE = 3.1
Corr coef = 0.9
g−factor = 2.7
b = 0.0205
22
RMSE = 1.1
Corr coef = 0.67
g−factor = 6.4
b = 0.0076178
23
RMSE = 2.9
Corr coef = 0.98
g−factor = 2.3
b = −0.011342
24
RMSE = 3.5
Corr coef = 0.86
g−factor = 3.7
b = −0.0088693
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

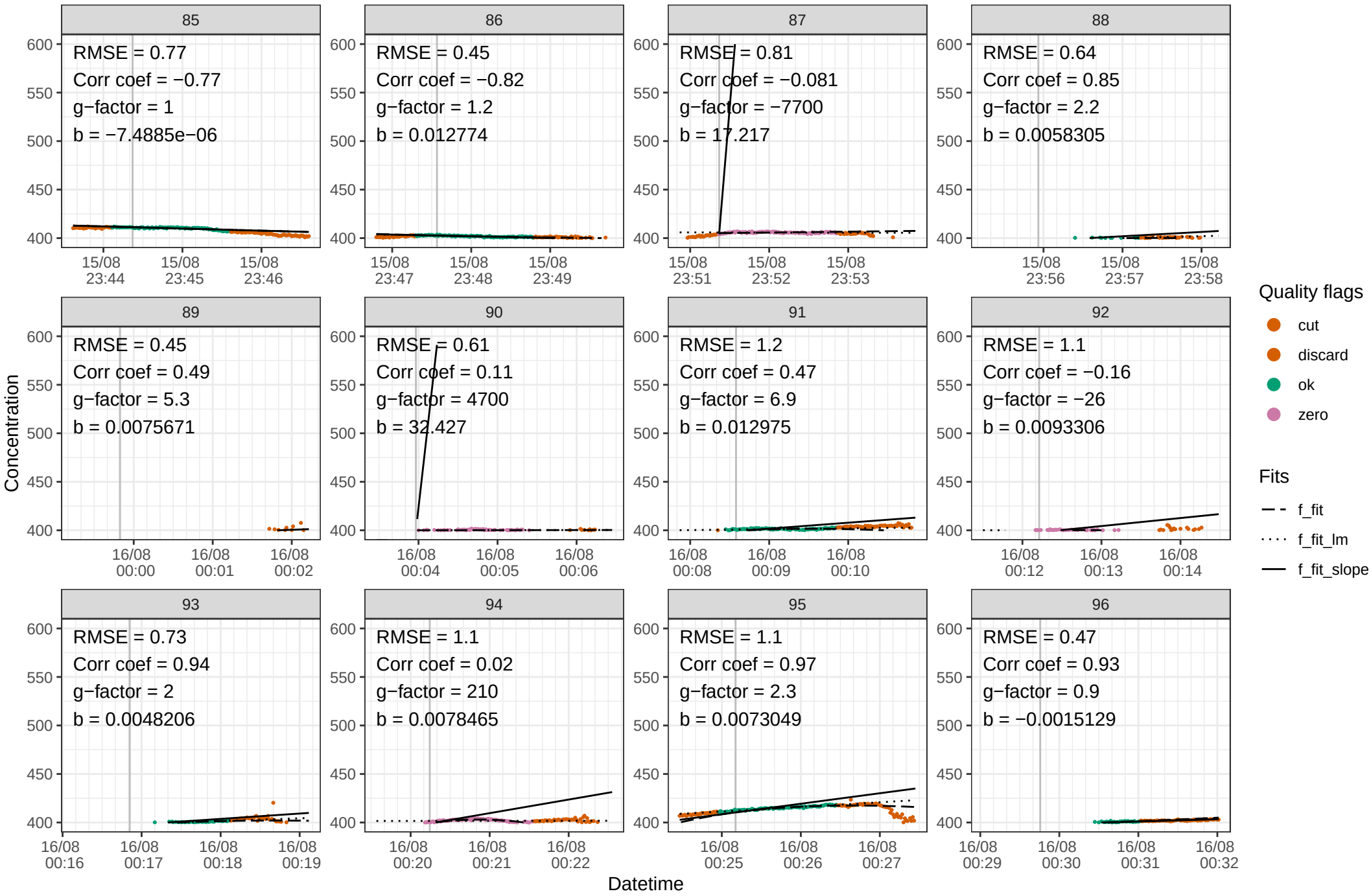

Fluxes quality assessment
exp_zhao18 model
25
RMSE = 3.8
Corr coef = 0.94
g−factor = 2.6
b = 0.028241
26
RMSE = 5.6
Corr coef = 0.57
g−factor = 8.3
b = −0.010254
27
RMSE = 4.4
Corr coef = −0.076
g−factor = −75
b = 0.0098845
28
RMSE = 0.58
Corr coef = −0.92
g−factor = 1.9
b = −0.0054508
29
RMSE = 2.2
Corr coef = 0.99
g−factor = 1.3
b = −0.0026699
30
RMSE = 1.1
Corr coef = 0.7
g−factor = 4.9
b = −0.011697
31
RMSE = 2.5
Corr coef = 0.96
g−factor = 2.6
b = −0.0085159
32
RMSE = 1.9
Corr coef = 0.97
g−factor = 2.1
b = 0.021635
33
RMSE = 1.1
Corr coef = 0.98
g−factor = 2
b = 0.0042305
34
RMSE = 0.92
Corr coef = 0.98
g−factor = 1.4
b = −0.0062658
35
RMSE = 2
Corr coef = −0.48
g−factor = 4.4
b = 0.011115
36
RMSE = 0.72
Corr coef = 0.64
g−factor = 1.6
b = −0.0027164
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

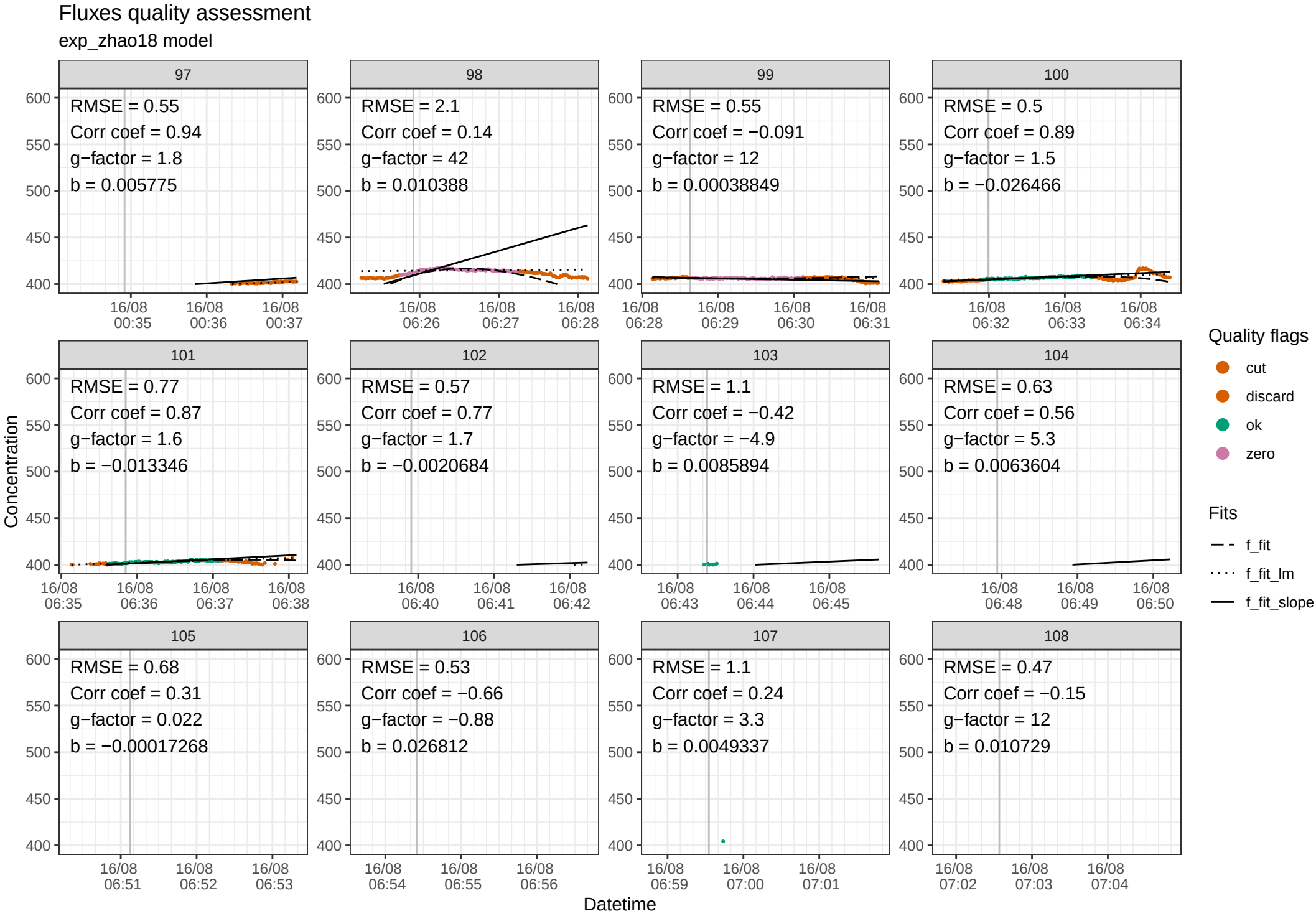

Fluxes quality assessment
exp_zhao18 model
37
RMSE = 0.68
Corr coef = −0.86
g−factor = 0.58
b = 0.00913
38
RMSE = 1.3
Corr coef = −0.78
g−factor = 1.8
b = −0.072367
39
RMSE = 1.3
Corr coef = 0.9
g−factor = 2.3
b = 0.0049581
40
RMSE = 0.81
Corr coef = 0.82
g−factor = 3.4
b = 0.0066462
41
RMSE = 0.88
Corr coef = 0.62
g−factor = 4.2
b = −0.024354
42
RMSE = 0.64
Corr coef = 0.56
g−factor = 5
b = 0.0066195
43
RMSE = 0.55
Corr coef = 0.52
g−factor = 1.9
b = −0.00018091
44
RMSE = 0.74
Corr coef = −0.18
g−factor = 3.9
b = 0.0018951
45
RMSE = 0.96
Corr coef = 0.26
g−factor = 17
b = 0.0092675
46
RMSE = 0.73
Corr coef = 0.68
g−factor = 6.4
b = 0.79208
47
RMSE = 0.72
Corr coef = −0.16
g−factor = 9.7
b = 0.0081592
48
RMSE = 0.65
Corr coef = −0.41
g−factor = −0.19
b = 0.011157
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

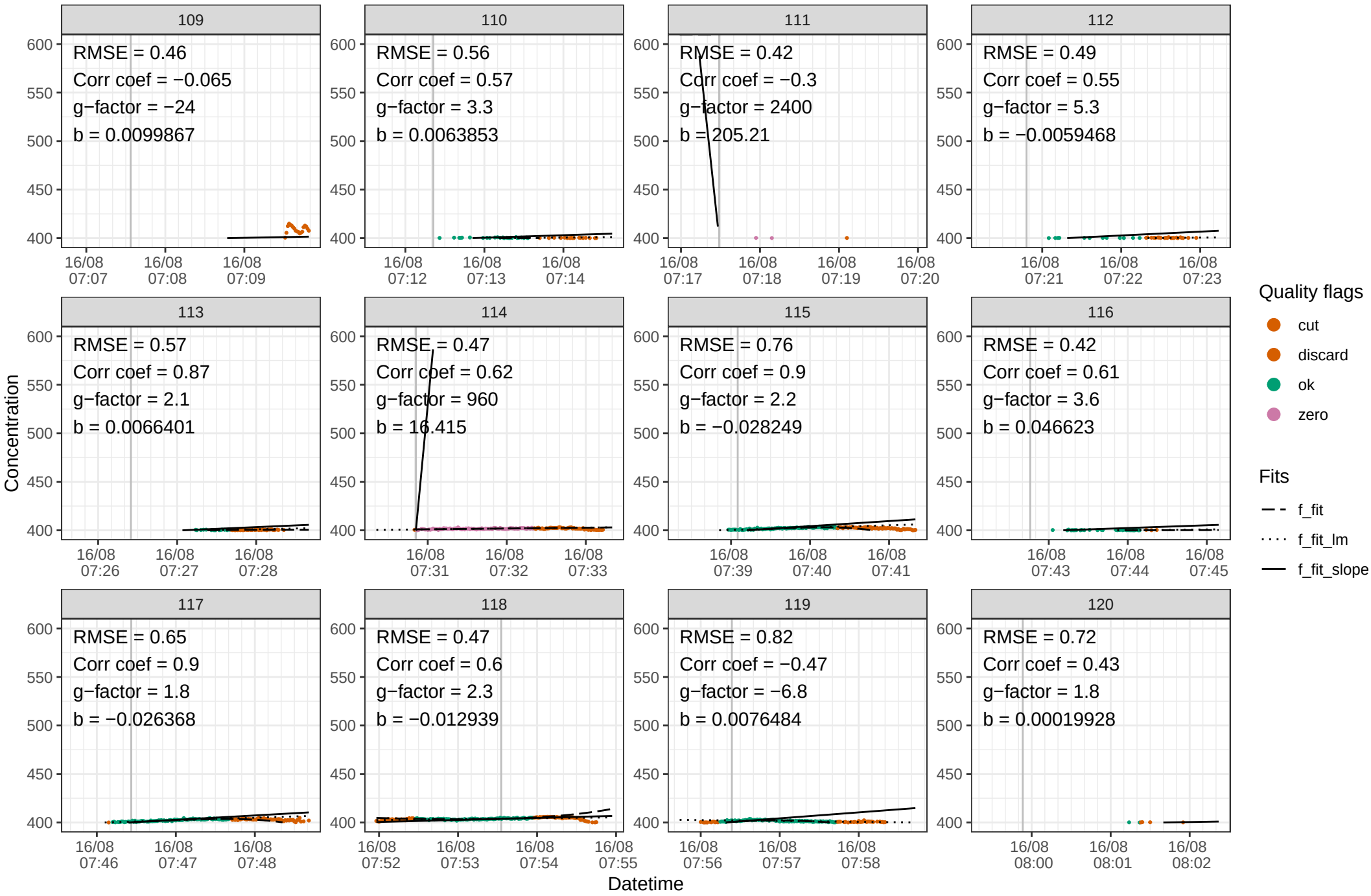

Fluxes quality assessment
exp_zhao18 model
49
RMSE = 0.78
Corr coef = 0.91
g−factor = 2
b = 0.0049643
50
RMSE = 0.47
Corr coef = −0.57
g−factor = 1.9
b = 0.0055669
51
RMSE = 1.1
Corr coef = 0.47
g−factor = −0.27
b = 2.4248e−05
52
RMSE = 0.96
Corr coef = −0.26
g−factor = −11
b = 0.0096953
53
RMSE = 1.5
Corr coef = 0.57
g−factor = 7.8
b = 0.012573
54
RMSE = 0.7
Corr coef = 0.87
g−factor = 1.5
b = −0.010784
55
RMSE = 0.78
Corr coef = −0.42
g−factor = −0.36
b = 0.0065194
56
RMSE = 1.1
Corr coef = 0.76
g−factor = 3.6
b = 0.0060267
57
RMSE = 0.58
Corr coef = 0.38
g−factor = 0.27
b = −3.4245e−05
58
RMSE = 0.89
Corr coef = 0.91
g−factor = 2.9
b = 0.0088824
59
RMSE = 0.67
Corr coef = −0.89
g−factor = 3.1
b = 0.025793
60
RMSE = 0.88
Corr coef = −0.1
g−factor = 9.6
b = 0.017689
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

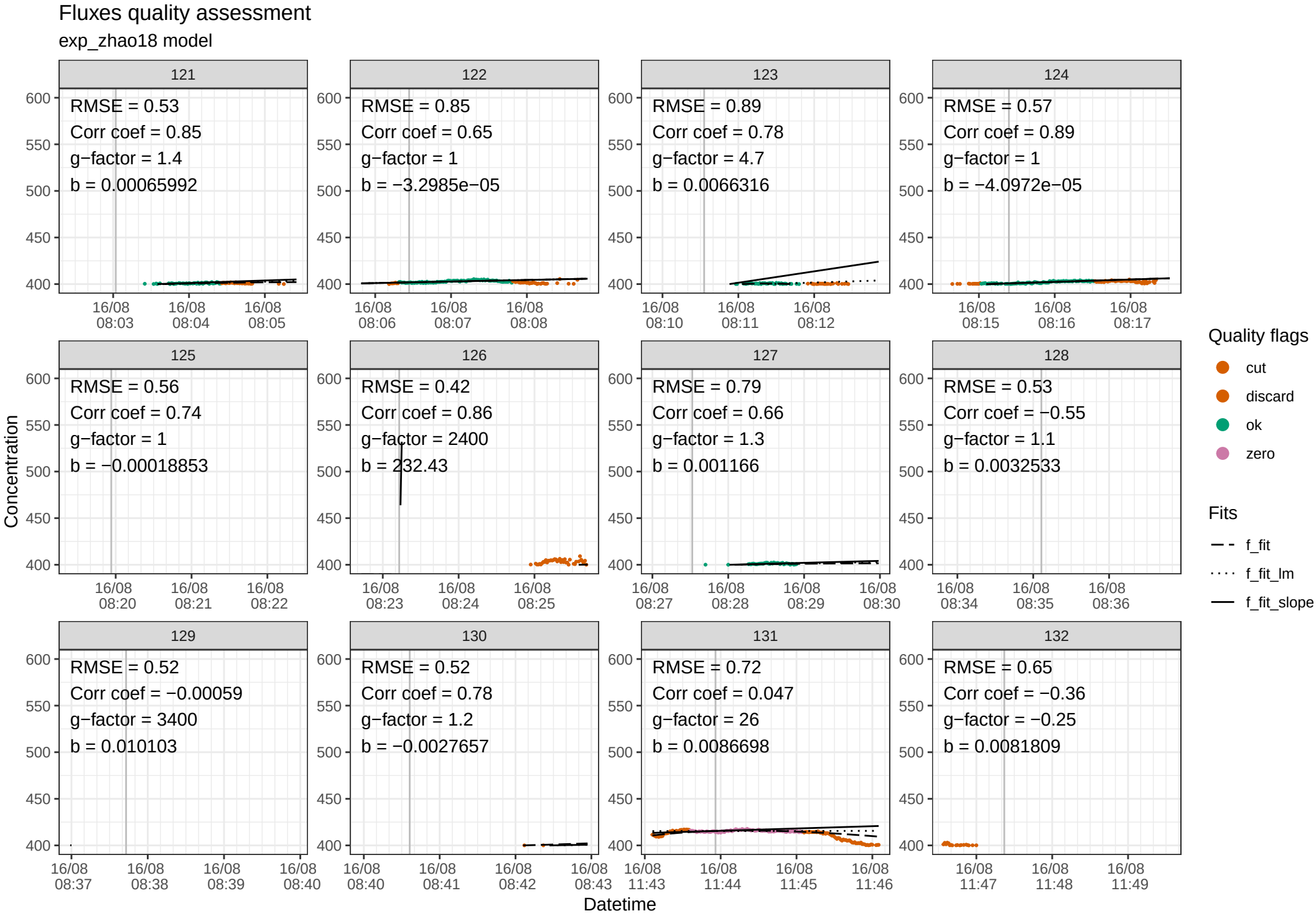

Fluxes quality assessment
exp_zhao18 model
61
RMSE = 1.1
Corr coef = −0.82
g−factor = 0.85
b = 0.16352
62
RMSE = 0.54
Corr coef = 0.96
g−factor = 1.1
b = 0.00011287
63
RMSE = 0.5
Corr coef = 0.61
g−factor = −0.011
b = 0.0031718
64
RMSE = 0.94
Corr coef = 0.95
g−factor = 1.5
b = 0.00272
65
RMSE = 0.58
Corr coef = −0.62
g−factor = −0.16
b = −0.0021745
66
RMSE = 0.95
Corr coef = −0.3
g−factor = 0.58
b = 0.017222
67
RMSE = 0.83
Corr coef = −0.3
g−factor = −5.9
b = 0.014211
68
RMSE = 0.99
Corr coef = 0.53
g−factor = 2.2
b = −0.0034598
69
RMSE = 0.81
Corr coef = −0.21
g−factor = 17
b = 0.0088767
70
RMSE = 0.93
Corr coef = 0.55
g−factor = 5.1
b = −0.029677
71
RMSE = 0.96
Corr coef = 0.56
g−factor = 4.2
b = −0.027102
72
RMSE = 1
Corr coef = 0.98
g−factor = 2
b = 0.0051093
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

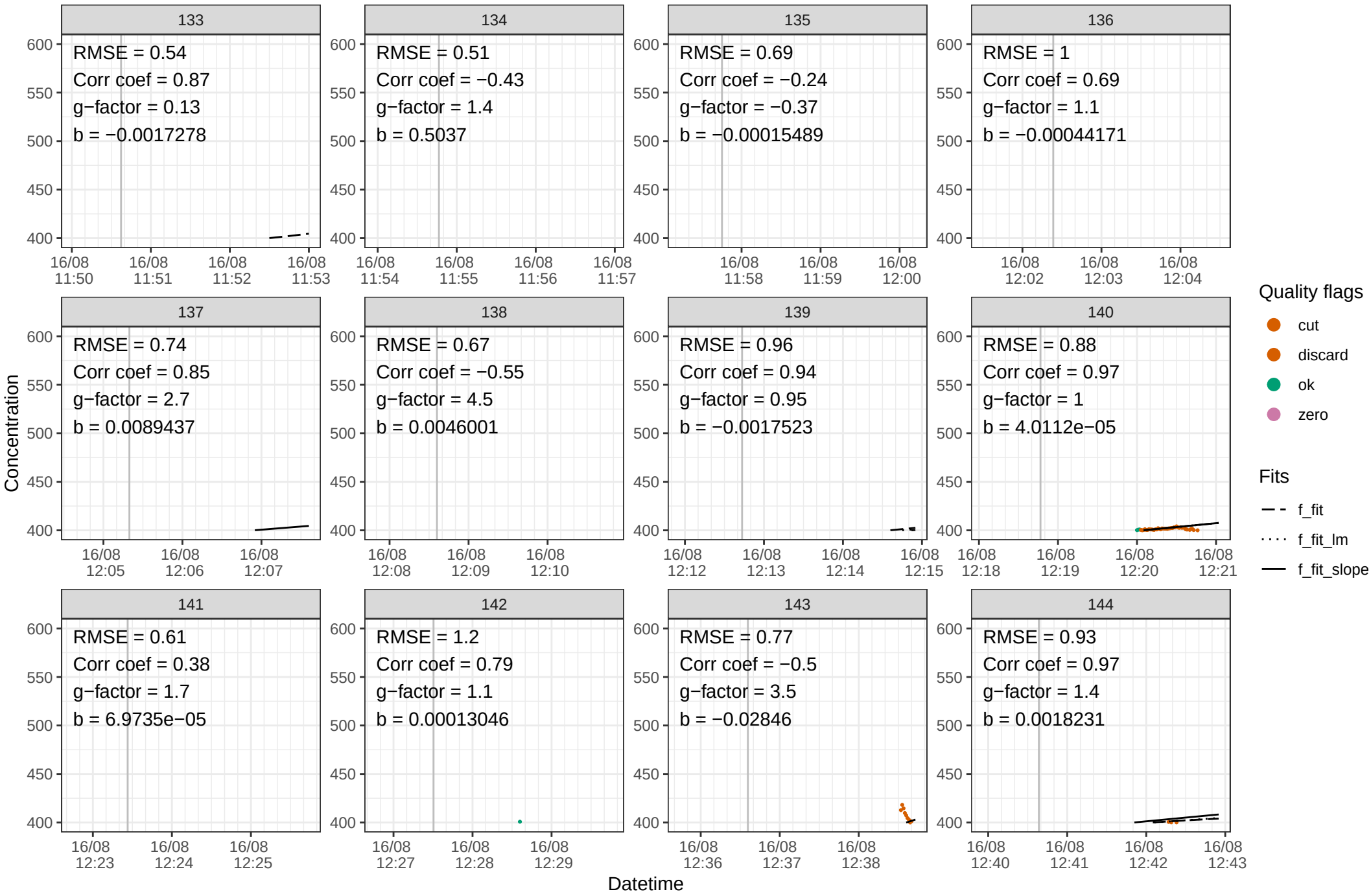

Fluxes quality assessment
exp_zhao18 model
73
RMSE = 0.98
Corr coef = −0.95
g−factor = 1.9
b = −0.0067287
74
RMSE = 1.6
Corr coef = 0.77
g−factor = 0.99
b = −0.00023227
75
RMSE = 0.52
Corr coef = 0.42
g−factor = −0.38
b = −0.016156
76
RMSE = 0.55
Corr coef = 0.84
g−factor = 0.94
b = −0.041805
77
RMSE = 0.65
Corr coef = 0.49
g−factor = 4.3
b = 0.0055047
78
RMSE = 0.68
Corr coef = 0.9
g−factor = 1.3
b = 0.00243
79
RMSE = 0.44
Corr coef = −0.037
g−factor = 3.6
b = −0.023388
80
RMSE = 0.76
Corr coef = 0.93
g−factor = 1.6
b = −0.0644
81
RMSE = 0.44
Corr coef = −0.74
g−factor = 0.59
b = 0.022544
82
RMSE = 0.54
Corr coef = −0.36
g−factor = 4
b = −0.010362
83
RMSE = 1.1
Corr coef = −0.26
g−factor = 1
b = 9.2834e−05
84
RMSE = 0.6
Corr coef = 0.79
g−factor = 1.3
b = 0.032462
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

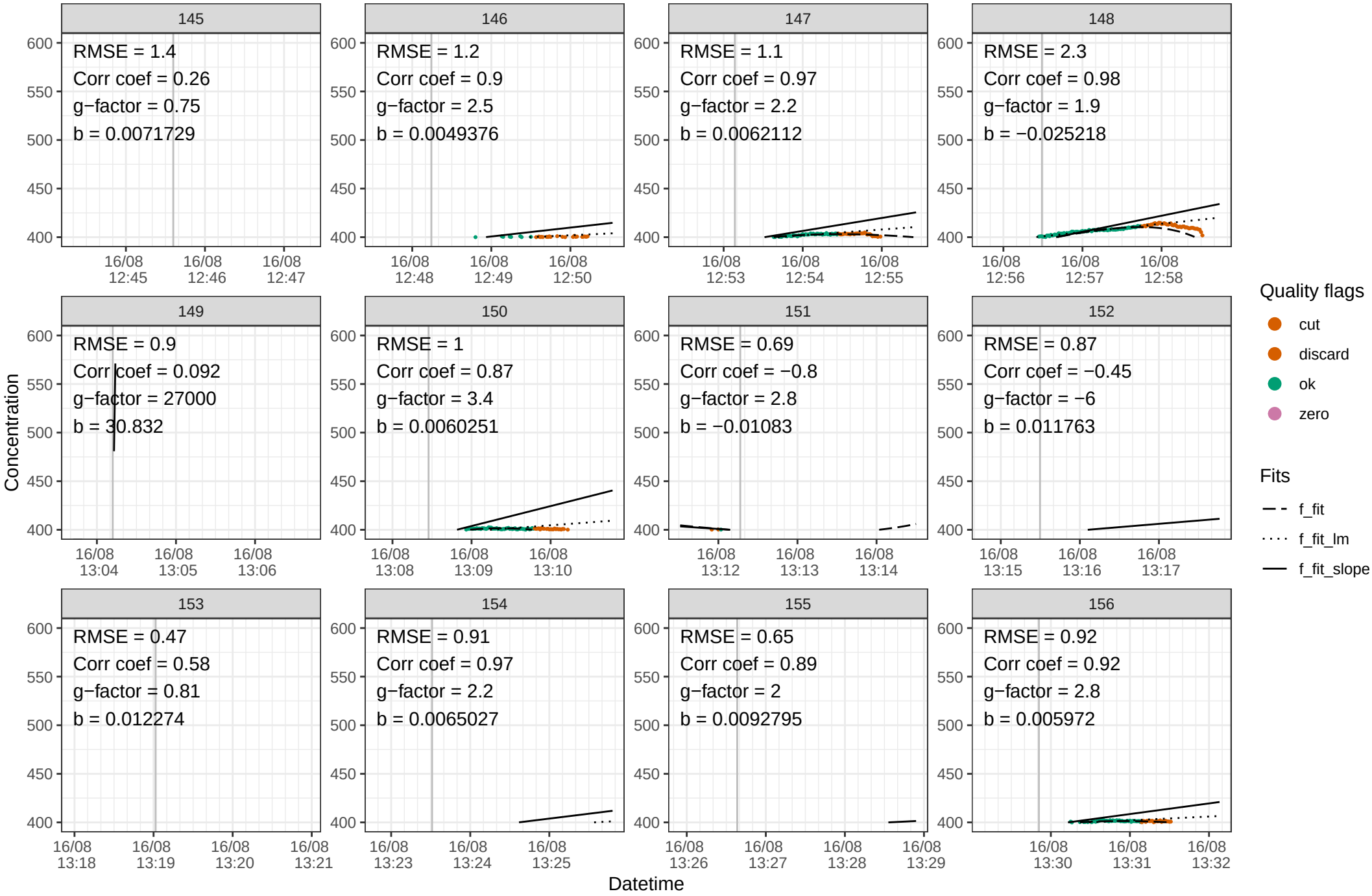

Fluxes quality assessment
exp_zhao18 model
85
RMSE = 0.77
Corr coef = −0.77
g−factor = 1
b = −7.4885e−06
86
RMSE = 0.45
Corr coef = −0.82
g−factor = 1.2
b = 0.012774
87
RMSE = 0.81
Corr coef = −0.081
g−factor = −7700
b = 17.217
88
RMSE = 0.64
Corr coef = 0.85
g−factor = 2.2
b = 0.0058305
89
RMSE = 0.45
Corr coef = 0.49
g−factor = 5.3
b = 0.0075671
90
RMSE = 0.61
Corr coef = 0.11
g−factor = 4700
b = 32.427
91
RMSE = 1.2
Corr coef = 0.47
g−factor = 6.9
b = 0.012975
92
RMSE = 1.1
Corr coef = −0.16
g−factor = −26
b = 0.0093306
93
RMSE = 0.73
Corr coef = 0.94
g−factor = 2
b = 0.0048206
94
RMSE = 1.1
Corr coef = 0.02
g−factor = 210
b = 0.0078465
95
RMSE = 1.1
Corr coef = 0.97
g−factor = 2.3
b = 0.0073049
96
RMSE = 0.47
Corr coef = 0.93
g−factor = 0.9
b = −0.0015129
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

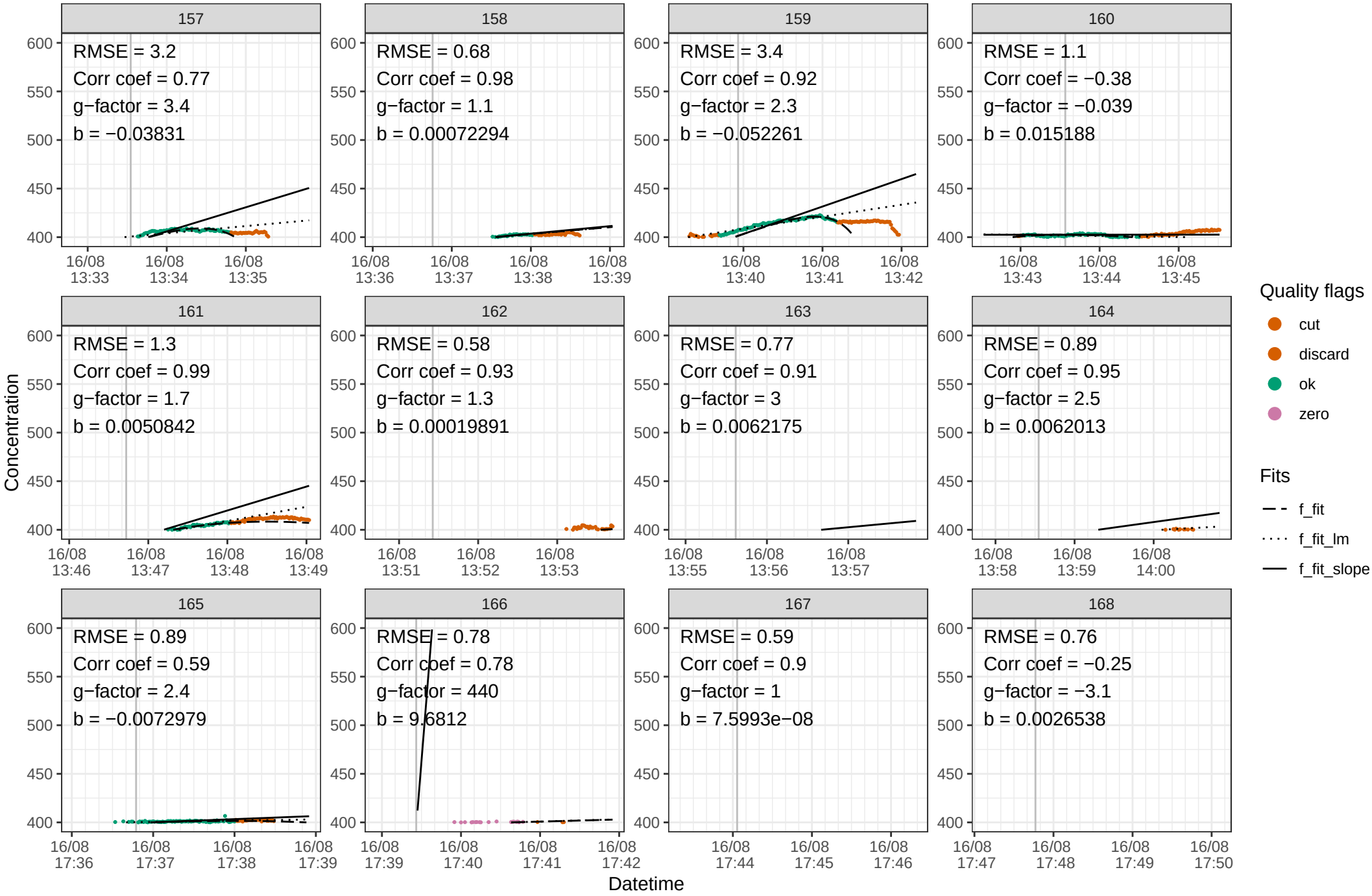

Fluxes quality assessment
exp_zhao18 model
97
RMSE = 0.55
Corr coef = 0.94
g−factor = 1.8
b = 0.005775
98
RMSE = 2.1
Corr coef = 0.14
g−factor = 42
b = 0.010388
99
RMSE = 0.55
Corr coef = −0.091
g−factor = 12
b = 0.00038849
100
RMSE = 0.5
Corr coef = 0.89
g−factor = 1.5
b = −0.026466
101
RMSE = 0.77
Corr coef = 0.87
g−factor = 1.6
b = −0.013346
102
RMSE = 0.57
Corr coef = 0.77
g−factor = 1.7
b = −0.0020684
103
RMSE = 1.1
Corr coef = −0.42
g−factor = −4.9
b = 0.0085894
104
RMSE = 0.63
Corr coef = 0.56
g−factor = 5.3
b = 0.0063604
105
RMSE = 0.68
Corr coef = 0.31
g−factor = 0.022
b = −0.00017268
106
RMSE = 0.53
Corr coef = −0.66
g−factor = −0.88
b = 0.026812
107
RMSE = 1.1
Corr coef = 0.24
g−factor = 3.3
b = 0.0049337
108
RMSE = 0.47
Corr coef = −0.15
g−factor = 12
b = 0.010729
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

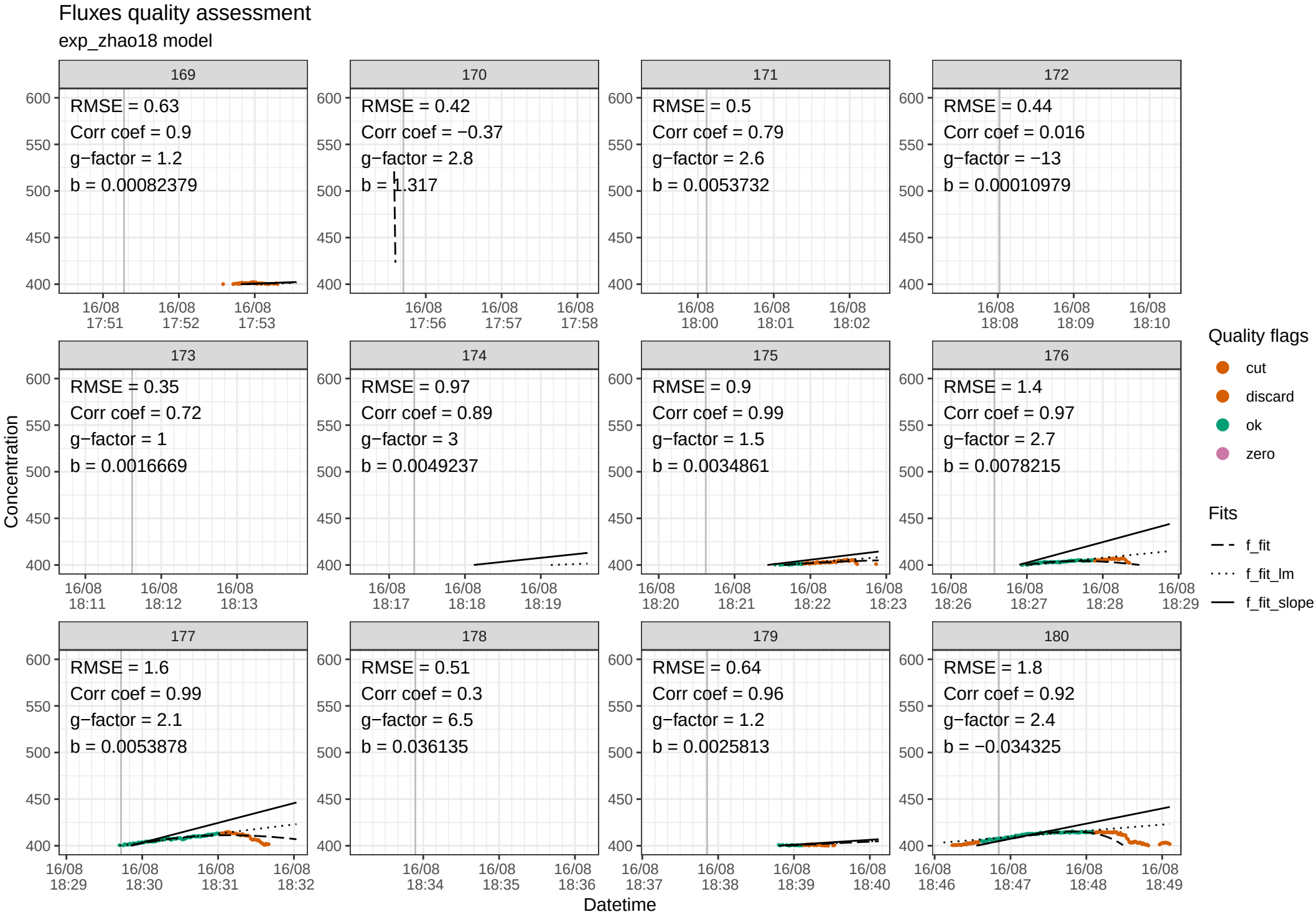

Fluxes quality assessment
exp_zhao18 model
109
RMSE = 0.46
Corr coef = −0.065
g−factor = −24
b = 0.0099867
110
RMSE = 0.56
Corr coef = 0.57
g−factor = 3.3
b = 0.0063853
111
RMSE = 0.42
Corr coef = −0.3
g−factor = 2400
b = 205.21
112
RMSE = 0.49
Corr coef = 0.55
g−factor = 5.3
b = −0.0059468
113
RMSE = 0.57
Corr coef = 0.87
g−factor = 2.1
b = 0.0066401
114
RMSE = 0.47
Corr coef = 0.62
g−factor = 960
b = 16.415
115
RMSE = 0.76
Corr coef = 0.9
g−factor = 2.2
b = −0.028249
116
RMSE = 0.42
Corr coef = 0.61
g−factor = 3.6
b = 0.046623
117
RMSE = 0.65
Corr coef = 0.9
g−factor = 1.8
b = −0.026368
118
RMSE = 0.47
Corr coef = 0.6
g−factor = 2.3
b = −0.012939
119
RMSE = 0.82
Corr coef = −0.47
g−factor = −6.8
b = 0.0076484
120
RMSE = 0.72
Corr coef = 0.43
g−factor = 1.8
b = 0.00019928
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

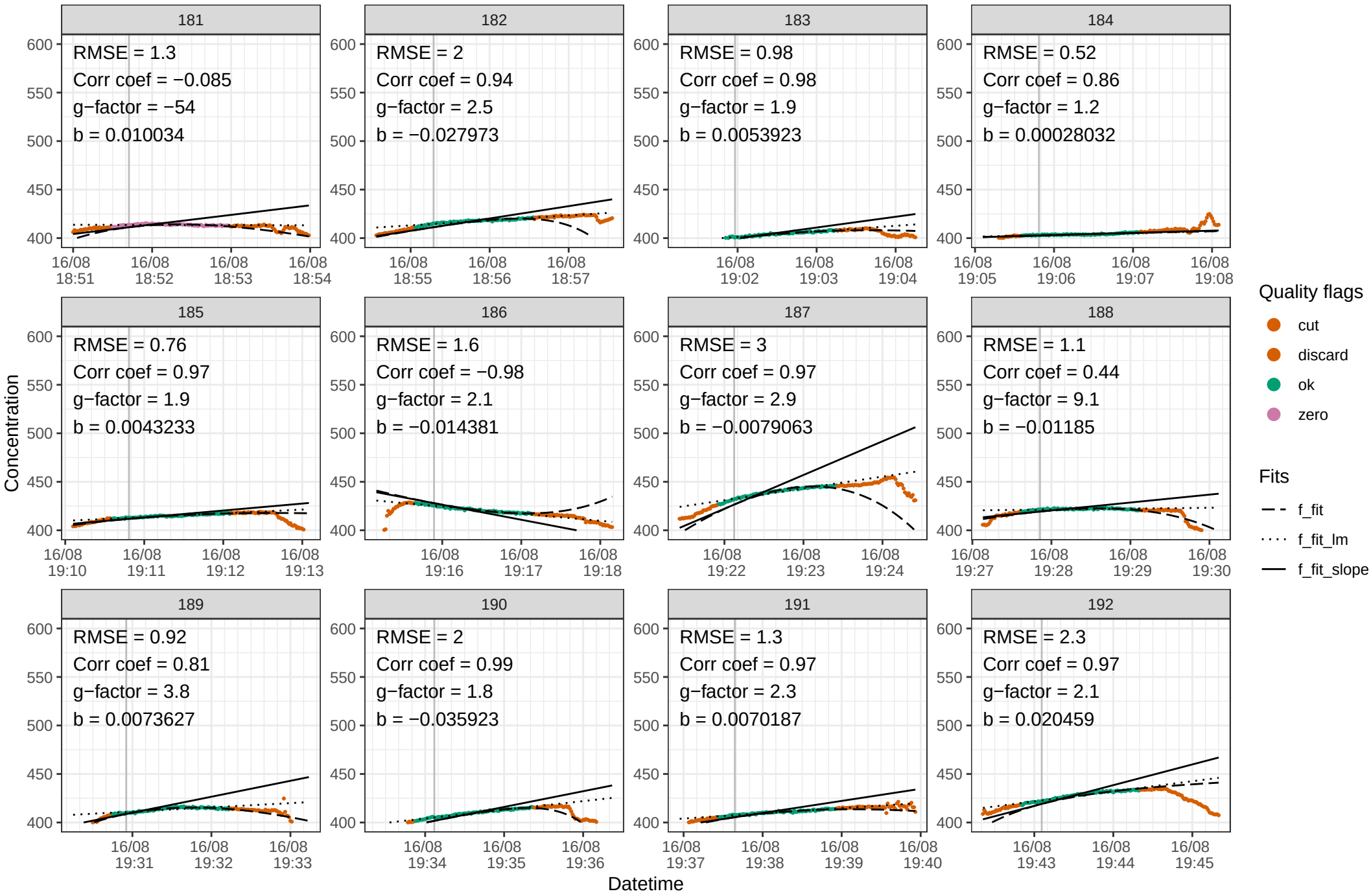

Fluxes quality assessment
exp_zhao18 model
121
RMSE = 0.53
Corr coef = 0.85
g−factor = 1.4
b = 0.00065992
122
RMSE = 0.85
Corr coef = 0.65
g−factor = 1
b = −3.2985e−05
123
RMSE = 0.89
Corr coef = 0.78
g−factor = 4.7
b = 0.0066316
124
RMSE = 0.57
Corr coef = 0.89
g−factor = 1
b = −4.0972e−05
125
RMSE = 0.56
Corr coef = 0.74
g−factor = 1
b = −0.00018853
126
RMSE = 0.42
Corr coef = 0.86
g−factor = 2400
b = 232.43
127
RMSE = 0.79
Corr coef = 0.66
g−factor = 1.3
b = 0.001166
128
RMSE = 0.53
Corr coef = −0.55
g−factor = 1.1
b = 0.0032533
129
RMSE = 0.52
Corr coef = −0.00059
g−factor = 3400
b = 0.010103
130
RMSE = 0.52
Corr coef = 0.78
g−factor = 1.2
b = −0.0027657
131
RMSE = 0.72
Corr coef = 0.047
g−factor = 26
b = 0.0086698
132
RMSE = 0.65
Corr coef = −0.36
g−factor = −0.25
b = 0.0081809
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

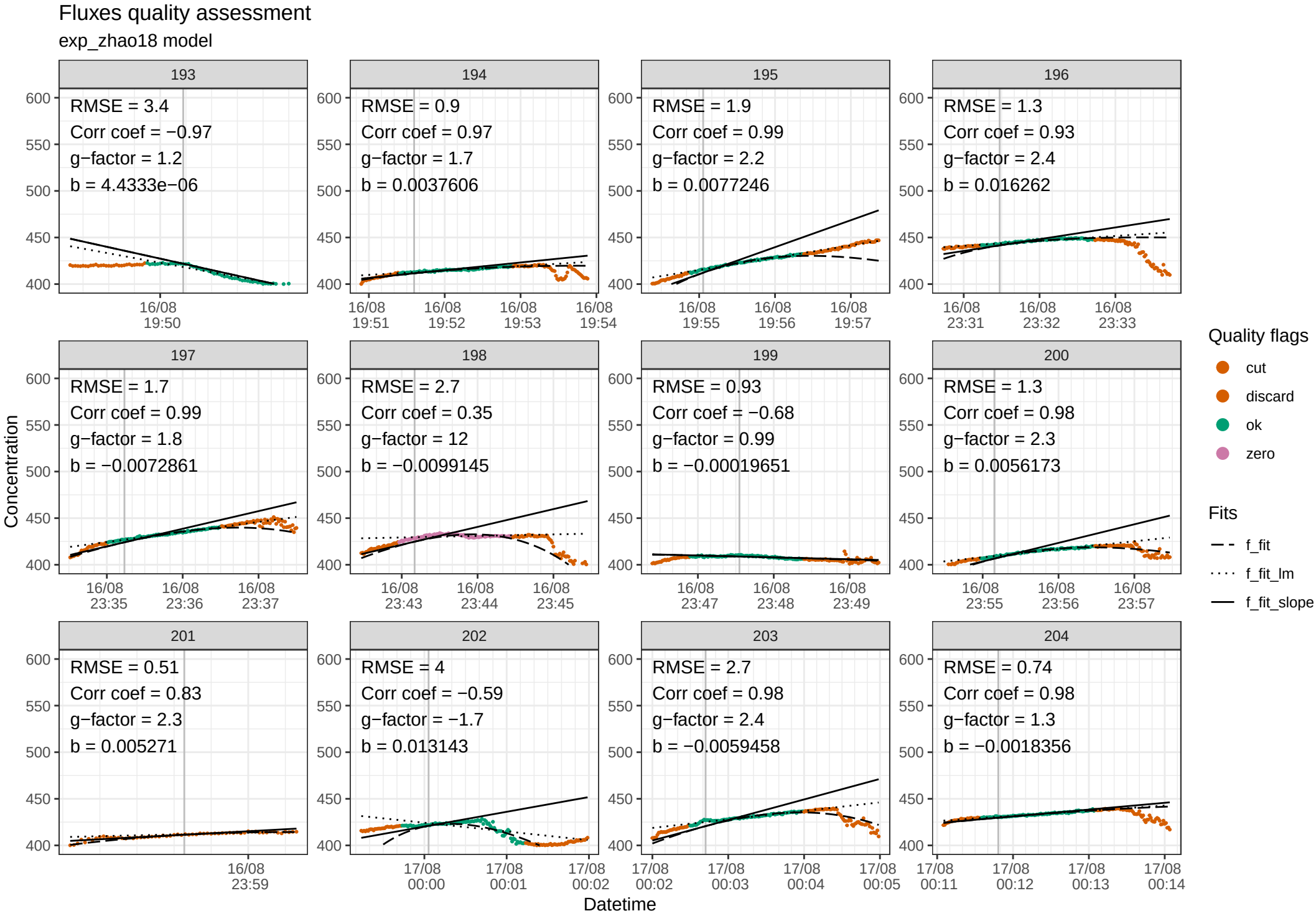

Fluxes quality assessment
exp_zhao18 model
133
RMSE = 0.54
Corr coef = 0.87
g−factor = 0.13
b = −0.0017278
134
RMSE = 0.51
Corr coef = −0.43
g−factor = 1.4
b = 0.5037
135
RMSE = 0.69
Corr coef = −0.24
g−factor = −0.37
b = −0.00015489
136
RMSE = 1
Corr coef = 0.69
g−factor = 1.1
b = −0.00044171
137
RMSE = 0.74
Corr coef = 0.85
g−factor = 2.7
b = 0.0089437
138
RMSE = 0.67
Corr coef = −0.55
g−factor = 4.5
b = 0.0046001
139
RMSE = 0.96
Corr coef = 0.94
g−factor = 0.95
b = −0.0017523
140
RMSE = 0.88
Corr coef = 0.97
g−factor = 1
b = 4.0112e−05
141
RMSE = 0.61
Corr coef = 0.38
g−factor = 1.7
b = 6.9735e−05
142
RMSE = 1.2
Corr coef = 0.79
g−factor = 1.1
b = 0.00013046
143
RMSE = 0.77
Corr coef = −0.5
g−factor = 3.5
b = −0.02846
144
RMSE = 0.93
Corr coef = 0.97
g−factor = 1.4
b = 0.0018231
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope

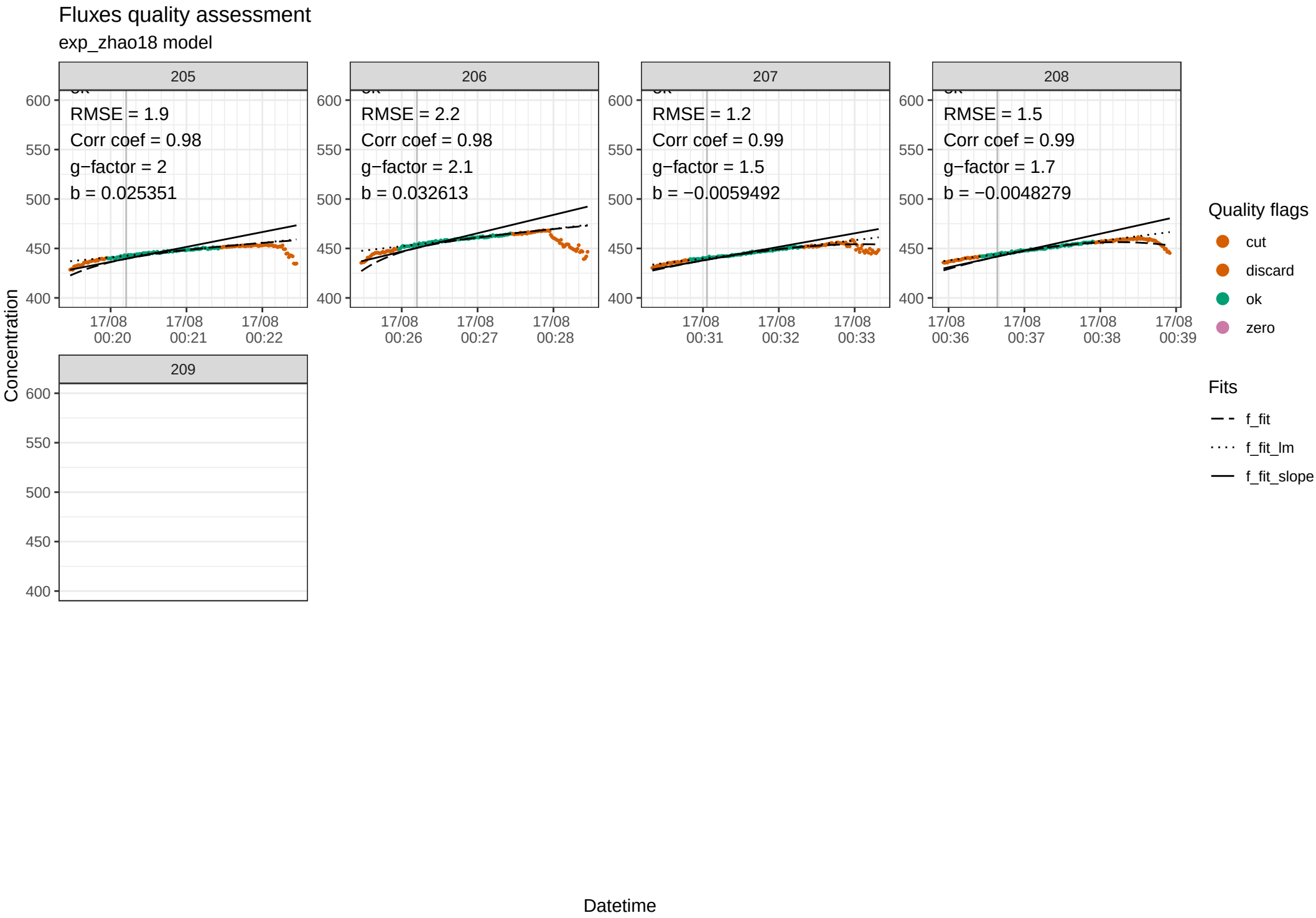

Fluxes quality assessment
exp_zhao18 model
145
RMSE = 1.4
Corr coef = 0.26
g−factor = 0.75
b = 0.0071729
146
RMSE = 1.2
Corr coef = 0.9
g−factor = 2.5
b = 0.0049376
147
RMSE = 1.1
Corr coef = 0.97
g−factor = 2.2
b = 0.0062112
148
RMSE = 2.3
Corr coef = 0.98
g−factor = 1.9
b = −0.025218
149
RMSE = 0.9
Corr coef = 0.092
g−factor = 27000
b = 30.832
150
RMSE = 1
Corr coef = 0.87
g−factor = 3.4
b = 0.0060251
151
RMSE = 0.69
Corr coef = −0.8
g−factor = 2.8
b = −0.01083
152
RMSE = 0.87
Corr coef = −0.45
g−factor = −6
b = 0.011763
153
RMSE = 0.47
Corr coef = 0.58
g−factor = 0.81
b = 0.012274
154
RMSE = 0.91
Corr coef = 0.97
g−factor = 2.2
b = 0.0065027
155
RMSE = 0.65
Corr coef = 0.89
g−factor = 2
b = 0.0092795
156
RMSE = 0.92
Corr coef = 0.92
g−factor = 2.8
b = 0.005972
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope


Fluxes quality assessment
exp_zhao18 model
157
RMSE = 3.2
Corr coef = 0.77
g−factor = 3.4
b = −0.03831
158
RMSE = 0.68
Corr coef = 0.98
g−factor = 1.1
b = 0.00072294
159
RMSE = 3.4
Corr coef = 0.92
g−factor = 2.3
b = −0.052261
160
RMSE = 1.1
Corr coef = −0.38
g−factor = −0.039
b = 0.015188
161
RMSE = 1.3
Corr coef = 0.99
g−factor = 1.7
b = 0.0050842
162
RMSE = 0.58
Corr coef = 0.93
g−factor = 1.3
b = 0.00019891
163
RMSE = 0.77
Corr coef = 0.91
g−factor = 3
b = 0.0062175
164
RMSE = 0.89
Corr coef = 0.95
g−factor = 2.5
b = 0.0062013
165
RMSE = 0.89
Corr coef = 0.59
g−factor = 2.4
b = −0.0072979
166
RMSE = 0.78
Corr coef = 0.78
g−factor = 440
b = 9.6812
167
RMSE = 0.59
Corr coef = 0.9
g−factor = 1
b = 7.5993e−08
168
RMSE = 0.76
Corr coef = −0.25
g−factor = −3.1
b = 0.0026538
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope


Fluxes quality assessment
exp_zhao18 model
169
RMSE = 0.63
Corr coef = 0.9
g−factor = 1.2
b = 0.00082379
170
RMSE = 0.42
Corr coef = −0.37
g−factor = 2.8
b = 1.317
171
RMSE = 0.5
Corr coef = 0.79
g−factor = 2.6
b = 0.0053732
172
RMSE = 0.44
Corr coef = 0.016
g−factor = −13
b = 0.00010979
173
RMSE = 0.35
Corr coef = 0.72
g−factor = 1
b = 0.0016669
174
RMSE = 0.97
Corr coef = 0.89
g−factor = 3
b = 0.0049237
175
RMSE = 0.9
Corr coef = 0.99
g−factor = 1.5
b = 0.0034861
176
RMSE = 1.4
Corr coef = 0.97
g−factor = 2.7
b = 0.0078215
177
RMSE = 1.6
Corr coef = 0.99
g−factor = 2.1
b = 0.0053878
178
RMSE = 0.51
Corr coef = 0.3
g−factor = 6.5
b = 0.036135
179
RMSE = 0.64
Corr coef = 0.96
g−factor = 1.2
b = 0.0025813
180
RMSE = 1.8
Corr coef = 0.92
g−factor = 2.4
b = −0.034325
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope


Fluxes quality assessment
exp_zhao18 model
181
RMSE = 1.3
Corr coef = −0.085
g−factor = −54
b = 0.010034
182
RMSE = 2
Corr coef = 0.94
g−factor = 2.5
b = −0.027973
183
RMSE = 0.98
Corr coef = 0.98
g−factor = 1.9
b = 0.0053923
184
RMSE = 0.52
Corr coef = 0.86
g−factor = 1.2
b = 0.00028032
185
RMSE = 0.76
Corr coef = 0.97
g−factor = 1.9
b = 0.0043233
186
RMSE = 1.6
Corr coef = −0.98
g−factor = 2.1
b = −0.014381
187
RMSE = 3
Corr coef = 0.97
g−factor = 2.9
b = −0.0079063
188
RMSE = 1.1
Corr coef = 0.44
g−factor = 9.1
b = −0.01185
189
RMSE = 0.92
Corr coef = 0.81
g−factor = 3.8
b = 0.0073627
190
RMSE = 2
Corr coef = 0.99
g−factor = 1.8
b = −0.035923
191
RMSE = 1.3
Corr coef = 0.97
g−factor = 2.3
b = 0.0070187
192
RMSE = 2.3
Corr coef = 0.97
g−factor = 2.1
b = 0.020459
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope


Fluxes quality assessment
exp_zhao18 model
193
RMSE = 3.4
Corr coef = −0.97
g−factor = 1.2
b = 4.4333e−06
194
RMSE = 0.9
Corr coef = 0.97
g−factor = 1.7
b = 0.0037606
195
RMSE = 1.9
Corr coef = 0.99
g−factor = 2.2
b = 0.0077246
196
RMSE = 1.3
Corr coef = 0.93
g−factor = 2.4
b = 0.016262
197
RMSE = 1.7
Corr coef = 0.99
g−factor = 1.8
b = −0.0072861
198
RMSE = 2.7
Corr coef = 0.35
g−factor = 12
b = −0.0099145
199
RMSE = 0.93
Corr coef = −0.68
g−factor = 0.99
b = −0.00019651
200
RMSE = 1.3
Corr coef = 0.98
g−factor = 2.3
b = 0.0056173
201
RMSE = 0.51
Corr coef = 0.83
g−factor = 2.3
b = 0.005271
202
RMSE = 4
Corr coef = −0.59
g−factor = −1.7
b = 0.013143
203
RMSE = 2.7
Corr coef = 0.98
g−factor = 2.4
b = −0.0059458
204
RMSE = 0.74
Corr coef = 0.98
g−factor = 1.3
b = −0.0018356
Concentration
Datetime
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope


Fluxes quality assessment
exp_zhao18 model
205
RMSE = 1.9
Corr coef = 0.98
g−factor = 2
b = 0.025351
206
RMSE = 2.2
Corr coef = 0.98
g−factor = 2.1
b = 0.032613
207
RMSE = 1.2
Corr coef = 0.99
g−factor = 1.5
b = −0.0059492
208
RMSE = 1.5
Corr coef = 0.99
g−factor = 1.7
b = −0.0048279
209
Concentration
600
550
500
450
400
17/08 00:20
17/08 00:21
17/08 00:22
17/08 00:26
17/08 00:27
17/08 00:28
17/08 00:31
17/08 00:32
17/08 00:33
17/08 00:36
17/08 00:37
17/08 00:38
17/08 00:39
Quality flags
cut
discard
ok
zero
Fits
f_fit
f_fit_lm
f_fit_slope
Datetime