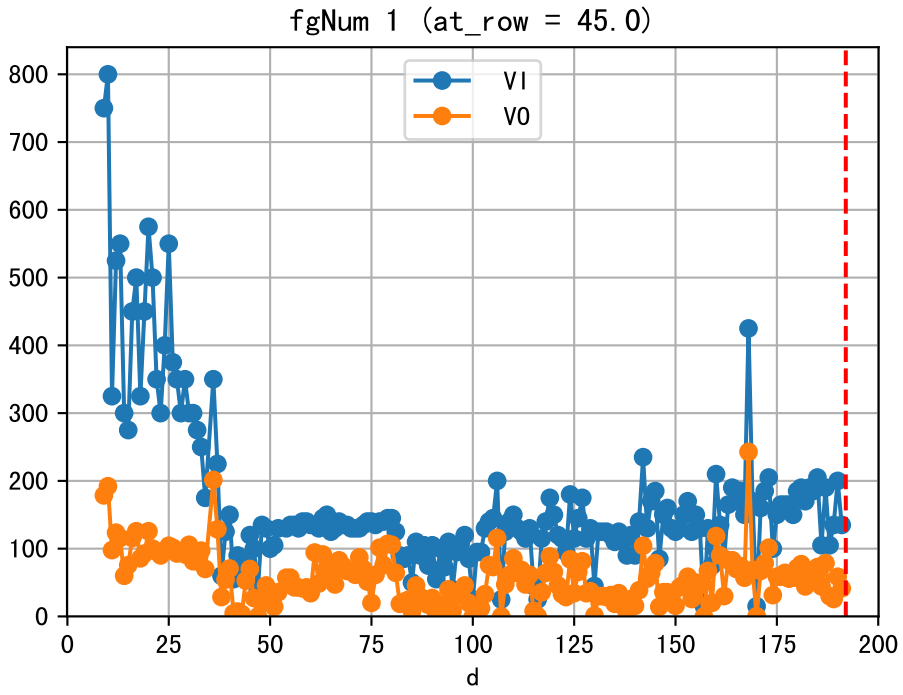
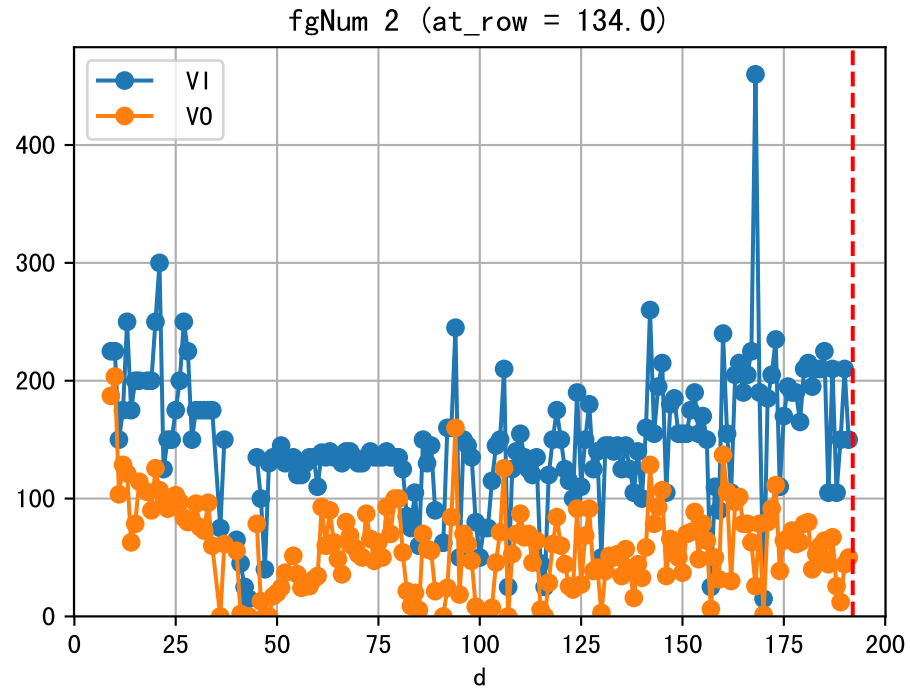
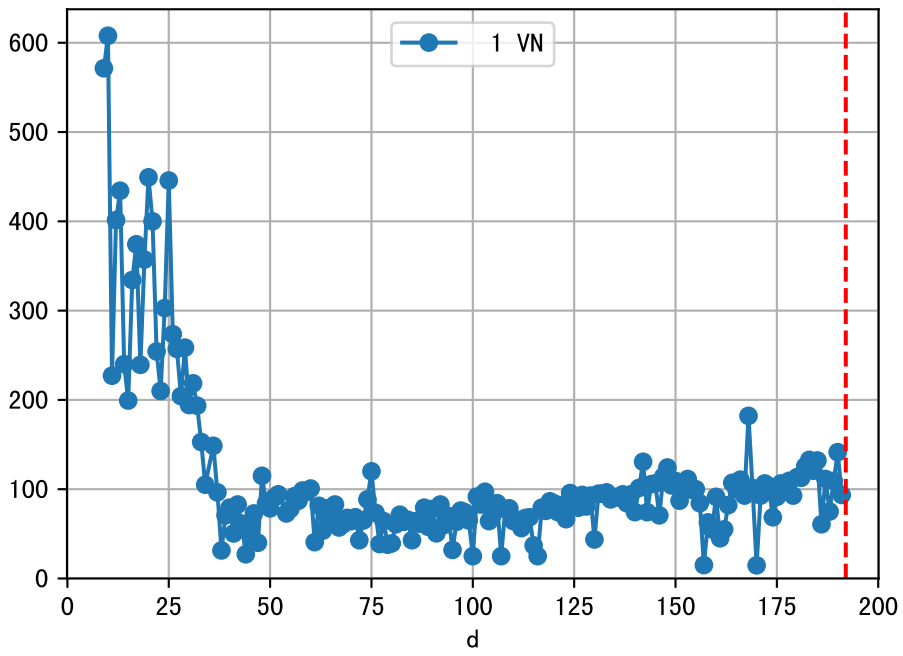
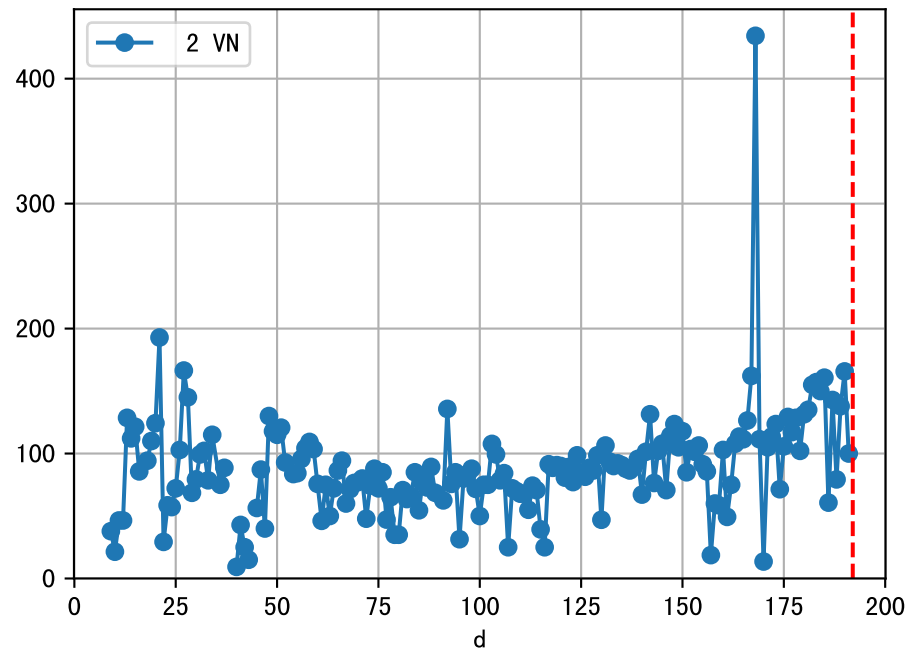
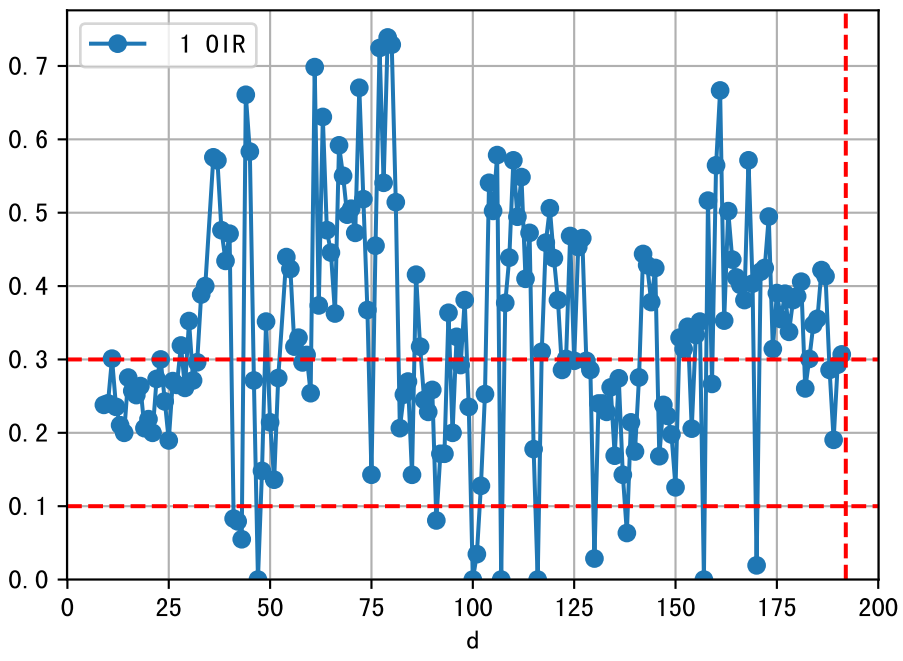
FgArea: ['0']
NC11 P2
2026-04-04 (Day 192)

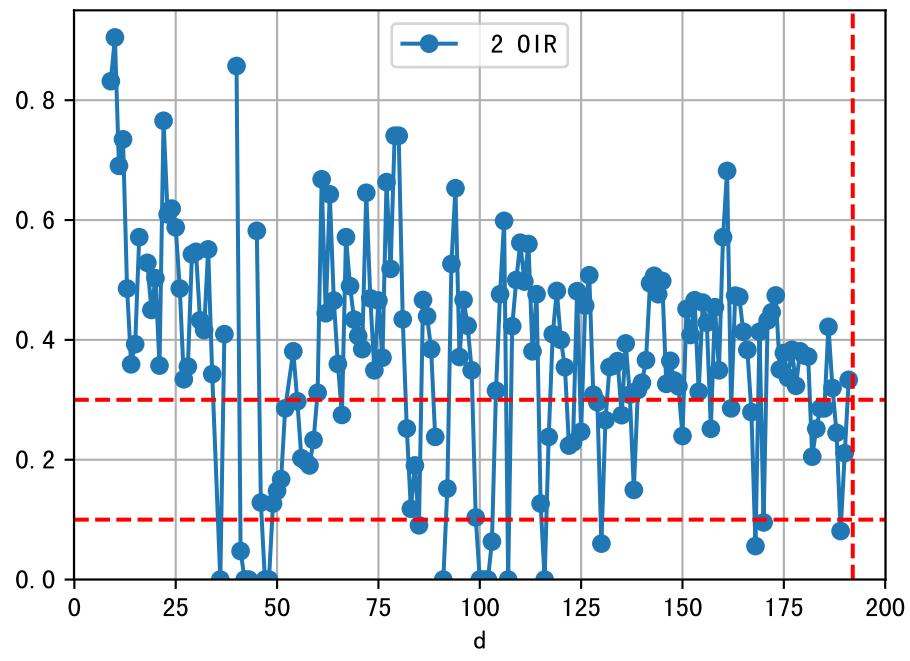

fgNum 1 (at_row = 45.0)
VI
VO
d

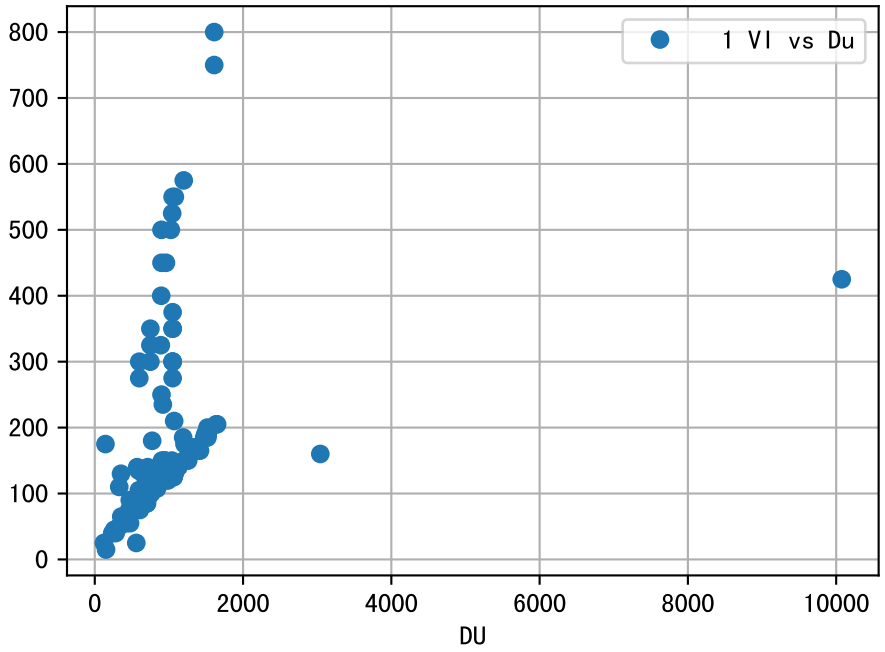

fgNum 2 (at_row = 134.0)
VI
VO
d

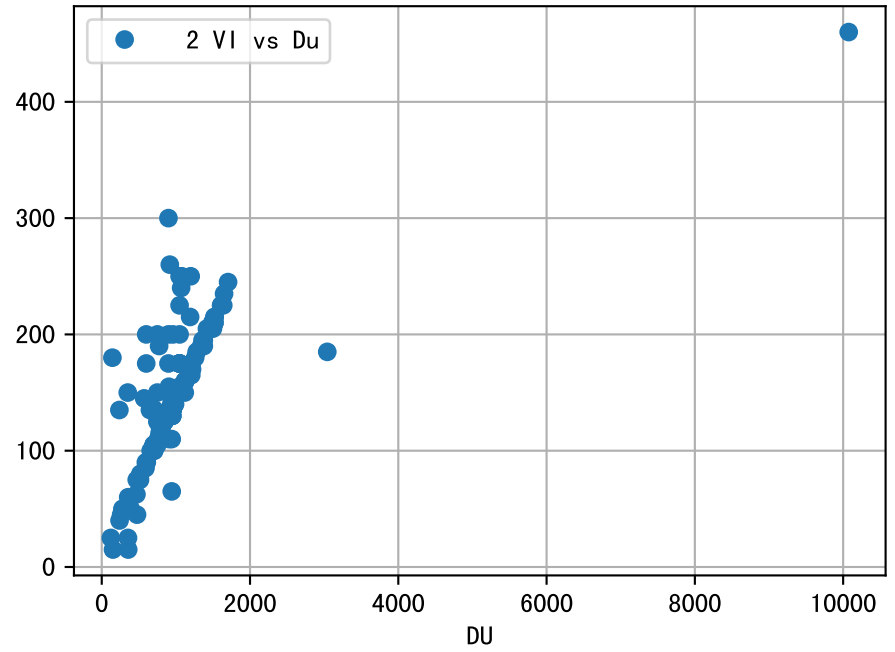

1 VN
d

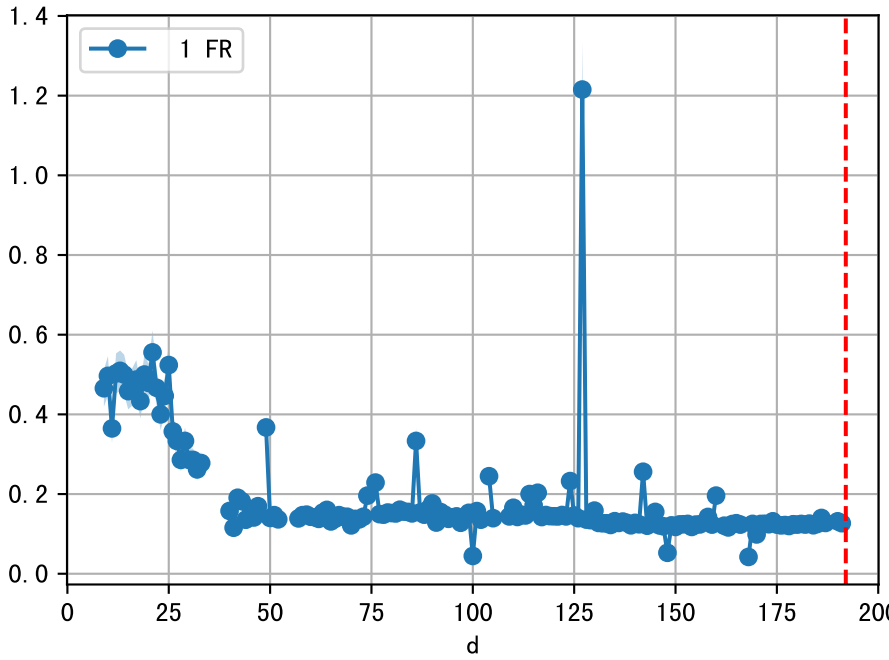

2 VN
d

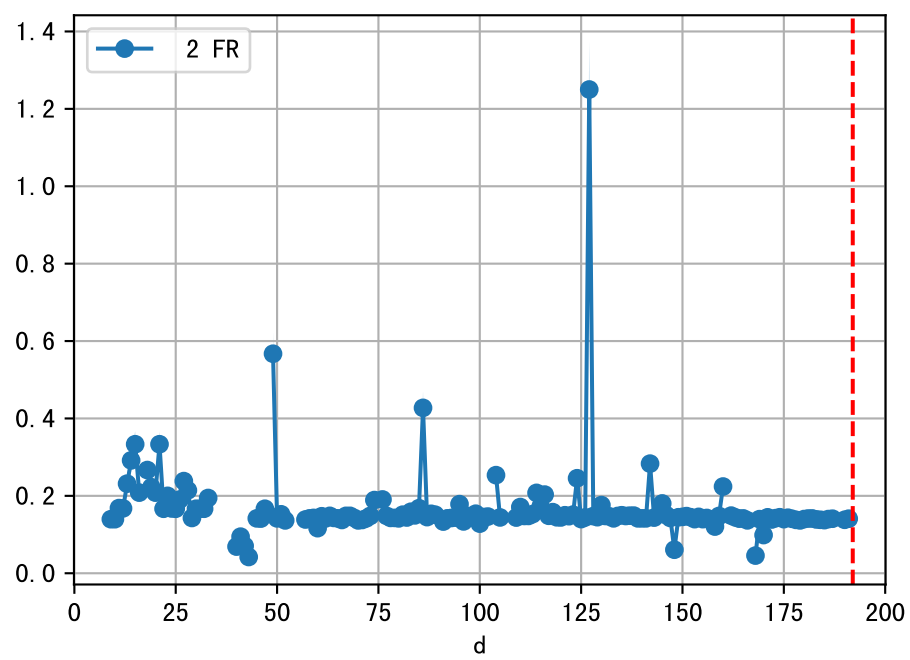

1 OIR
d

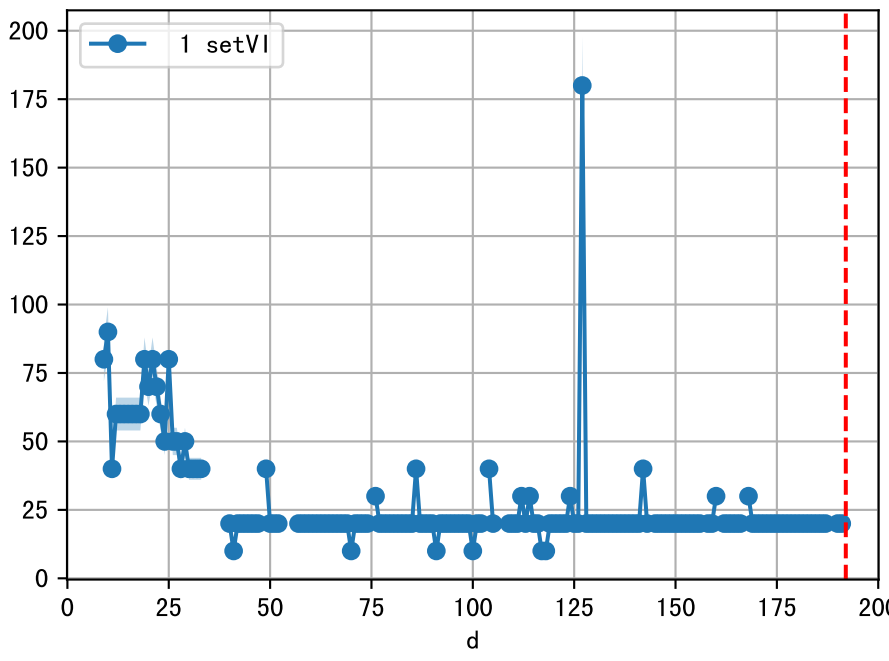

2 OIR
d

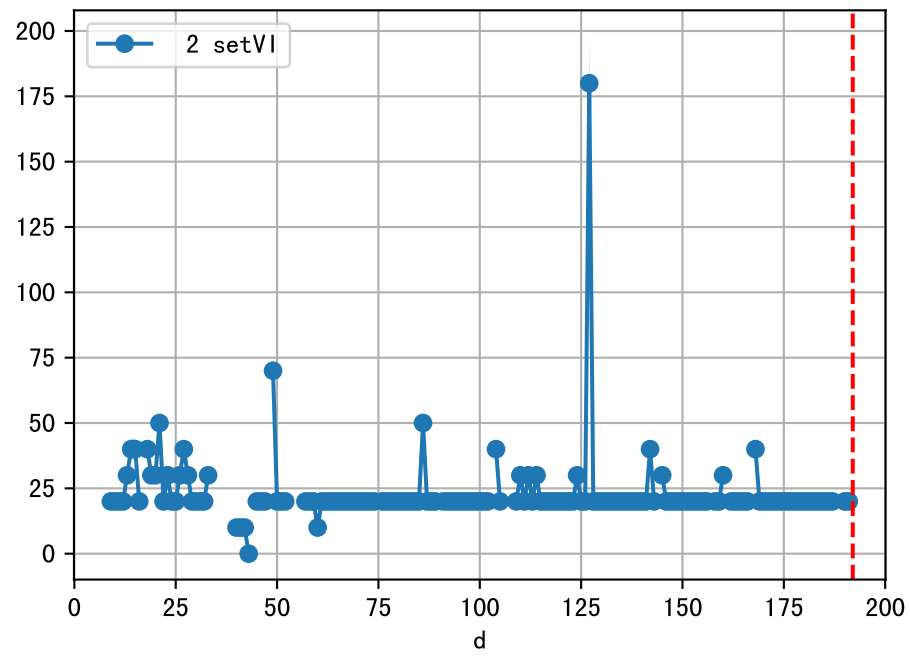

1 VI vs Du
800
700
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

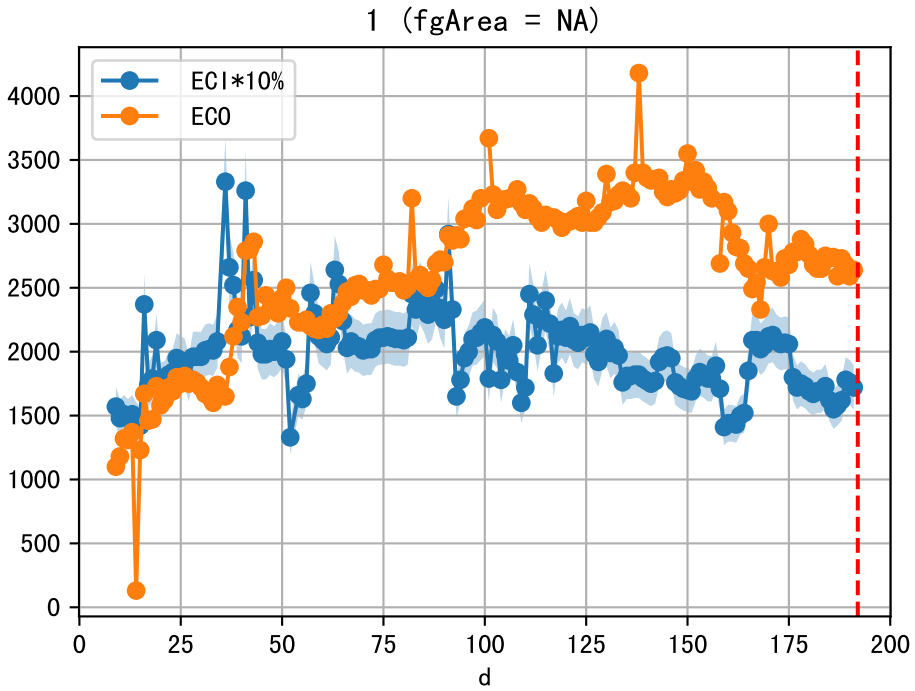

2 VI vs Du
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

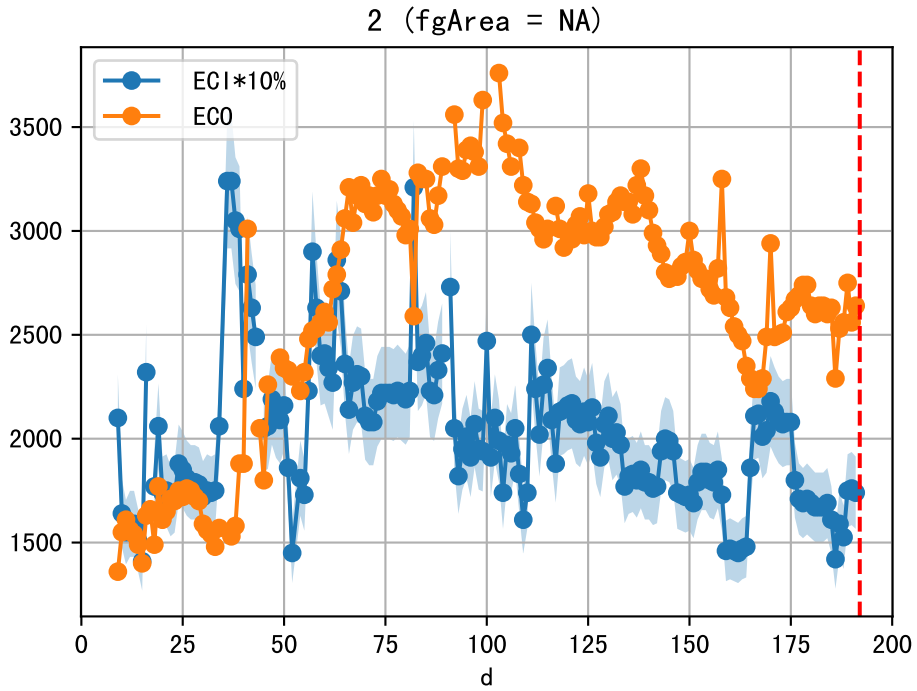

1 FR
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200
d

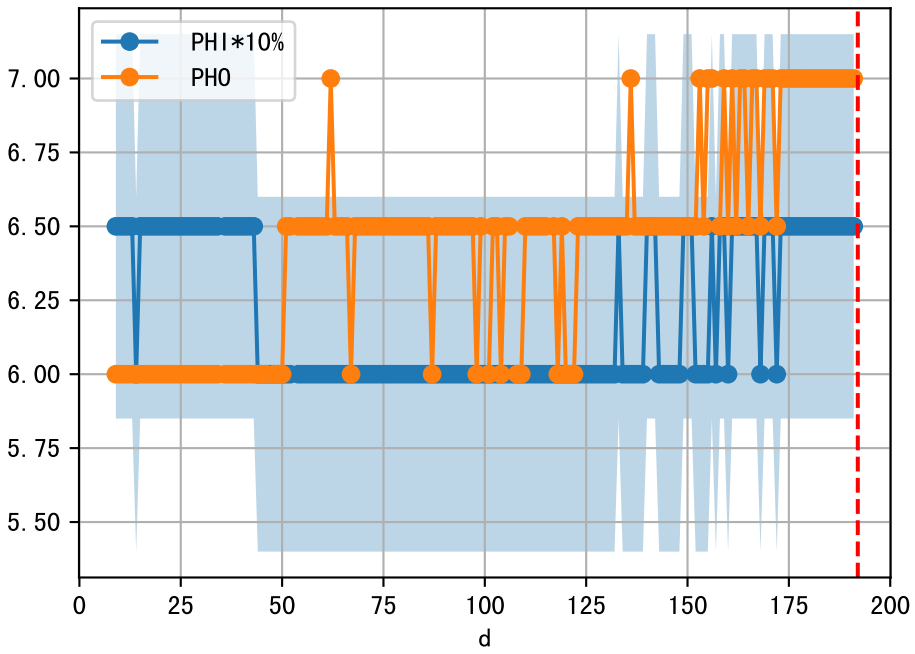

2 FR
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200
d

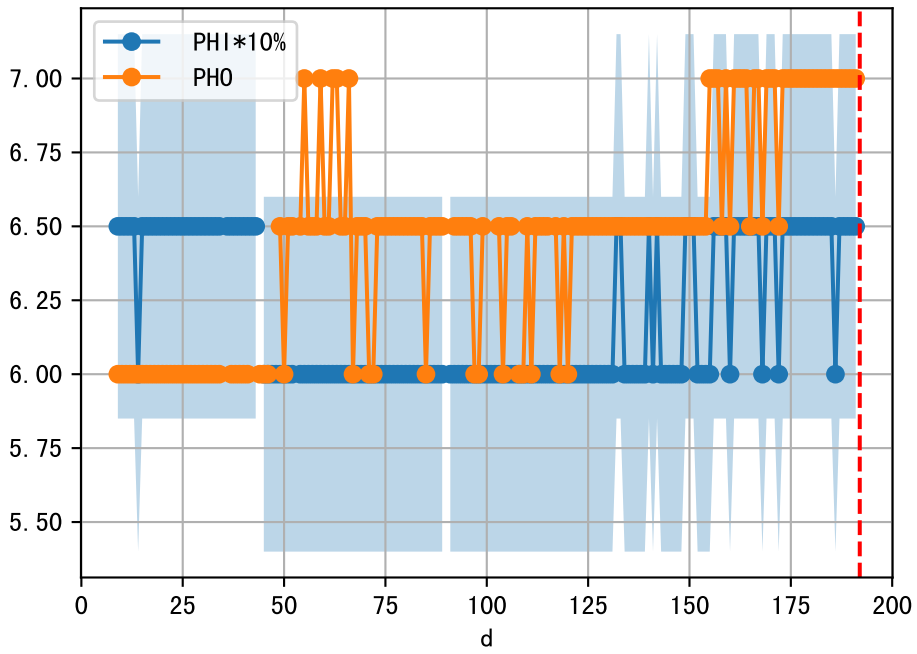

1 setVI
200
175
150
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
d

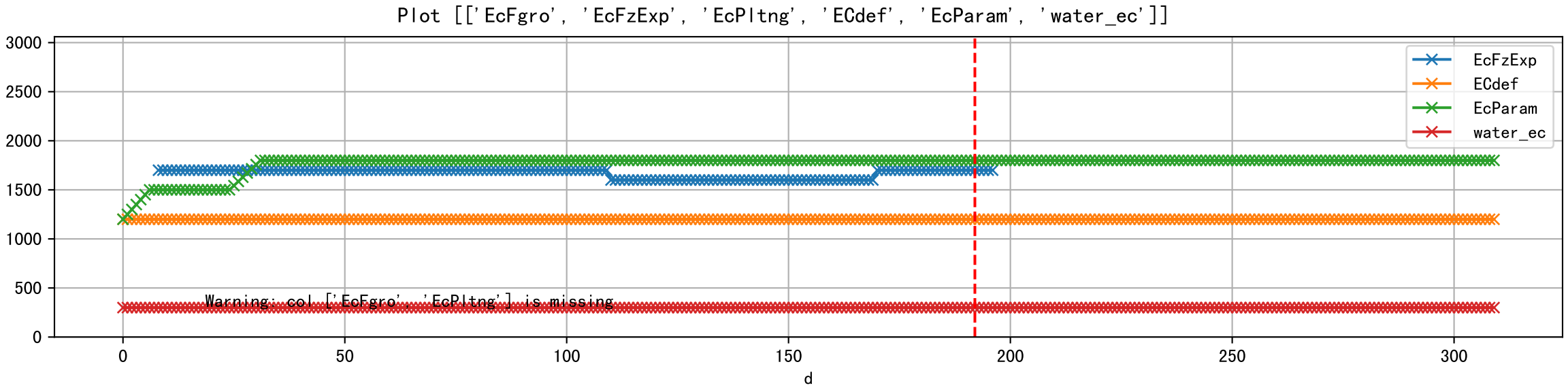

2 setVI
200
175
150
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
d

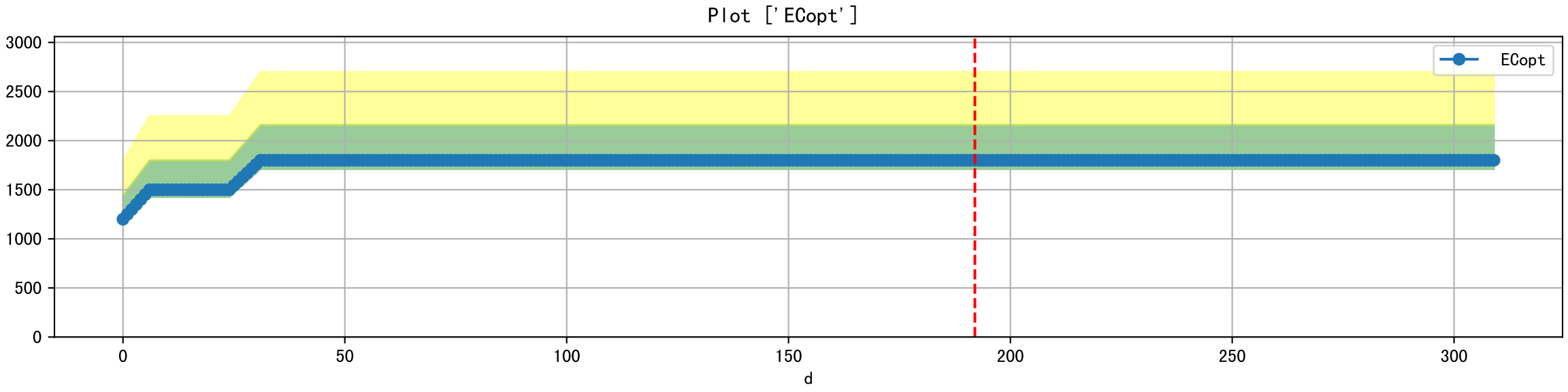

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
0
25
50
75
100
125
150
175
200
d

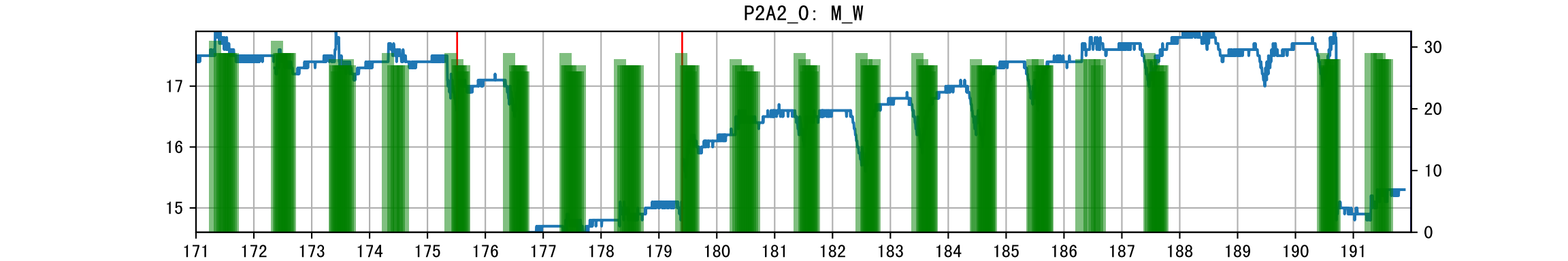

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d


PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
0
25
50
75
100
125
150
175
200
d

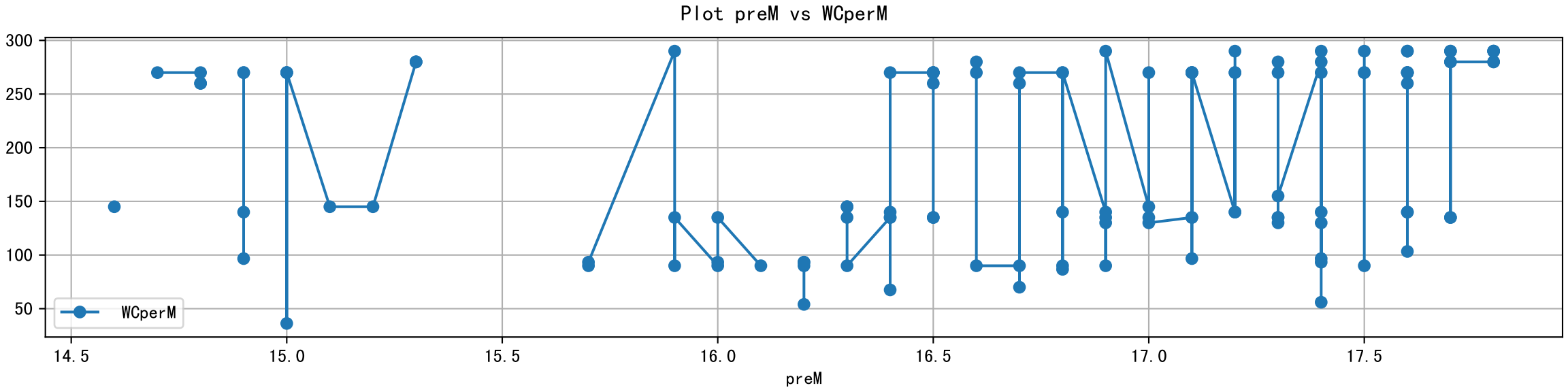

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
0
25
50
75
100
125
150
175
200
d

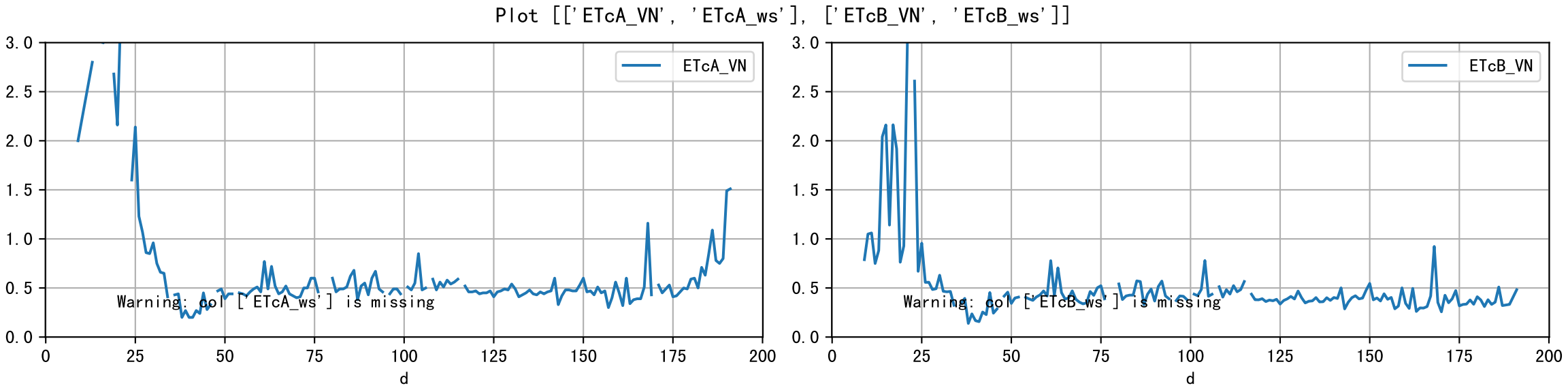

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

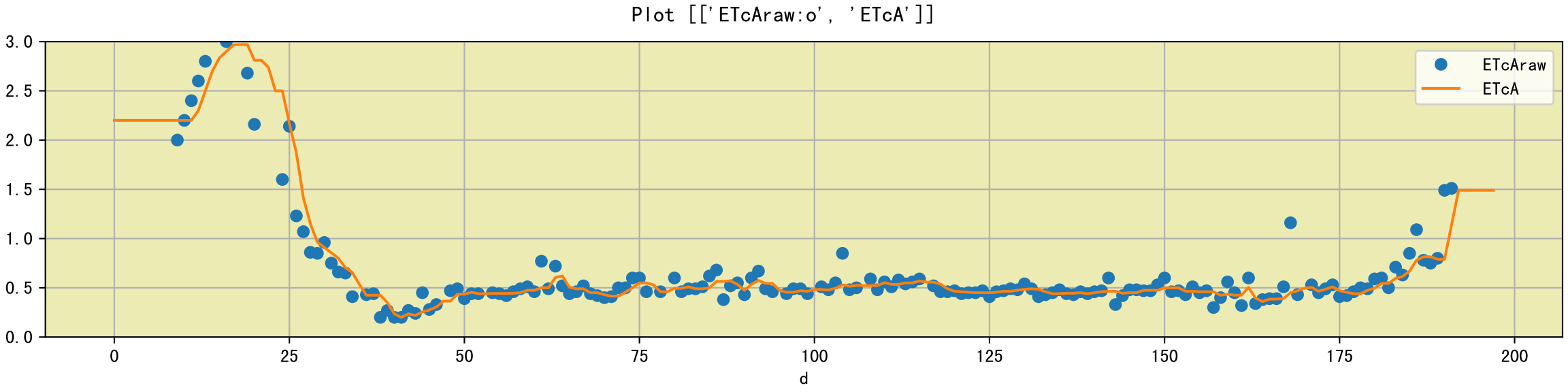

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

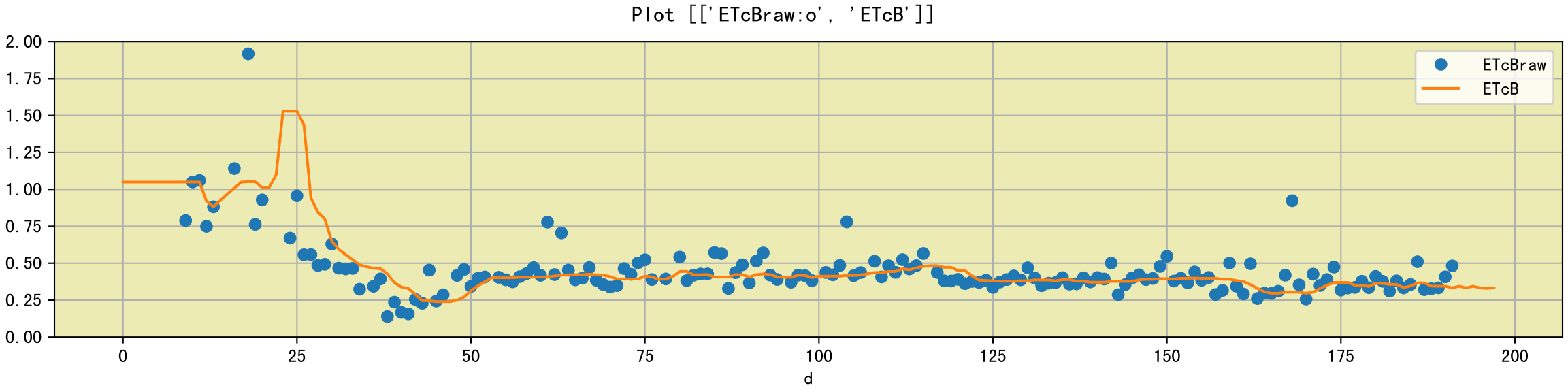

P2A2_O: M_W
17
16
15
30
20
10
0
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191

Plot Sensor and FgRec Data

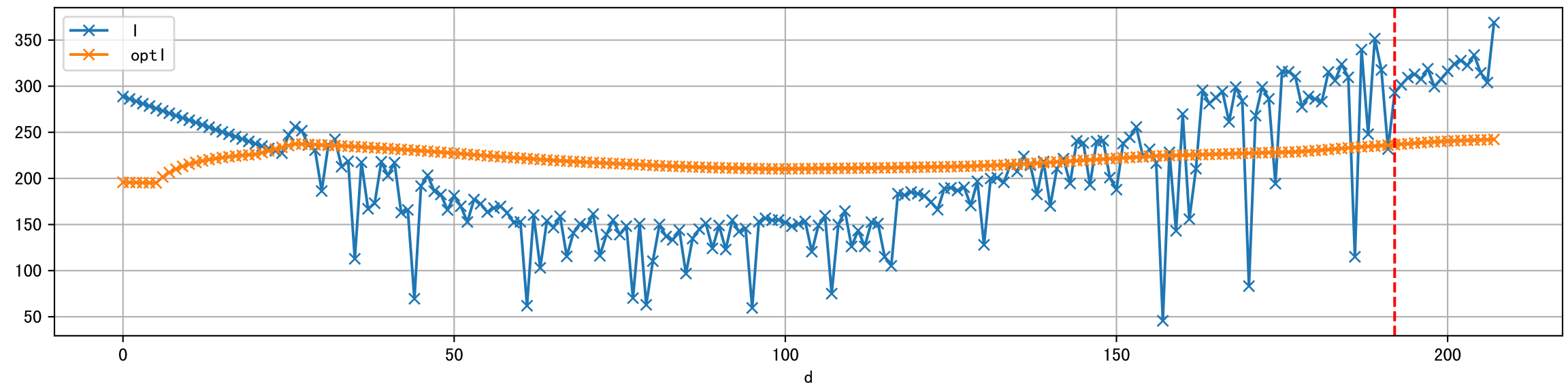

Plot preM vs WCperM
300
250
200
150
100
50
WCperM
14.5
15.0
15.5
16.0
16.5
17.0
17.5
preM

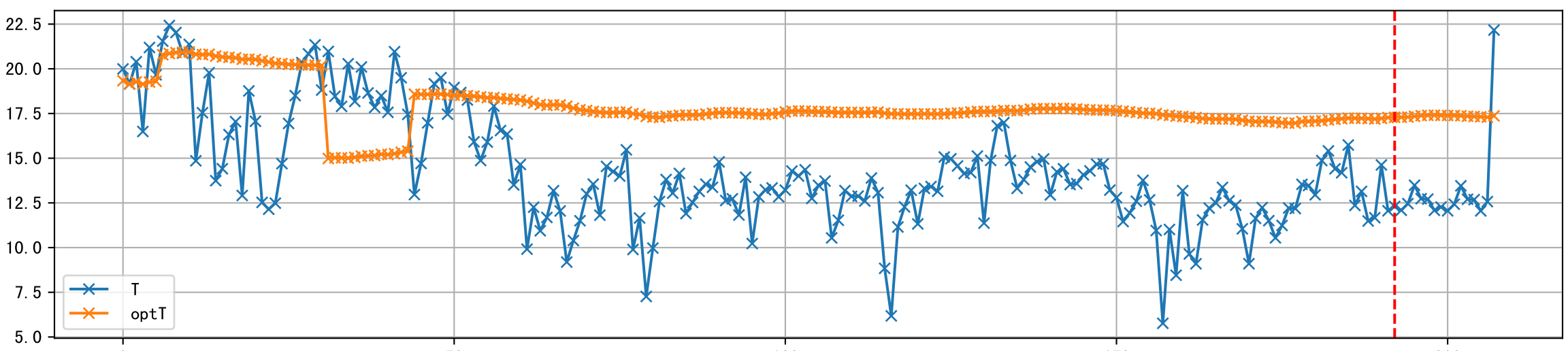

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

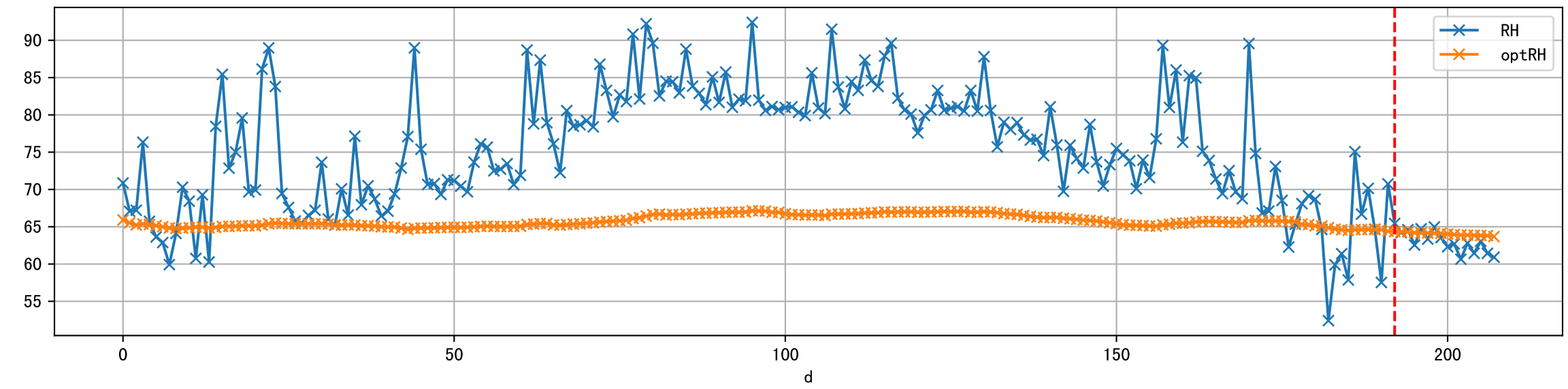

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
200
d

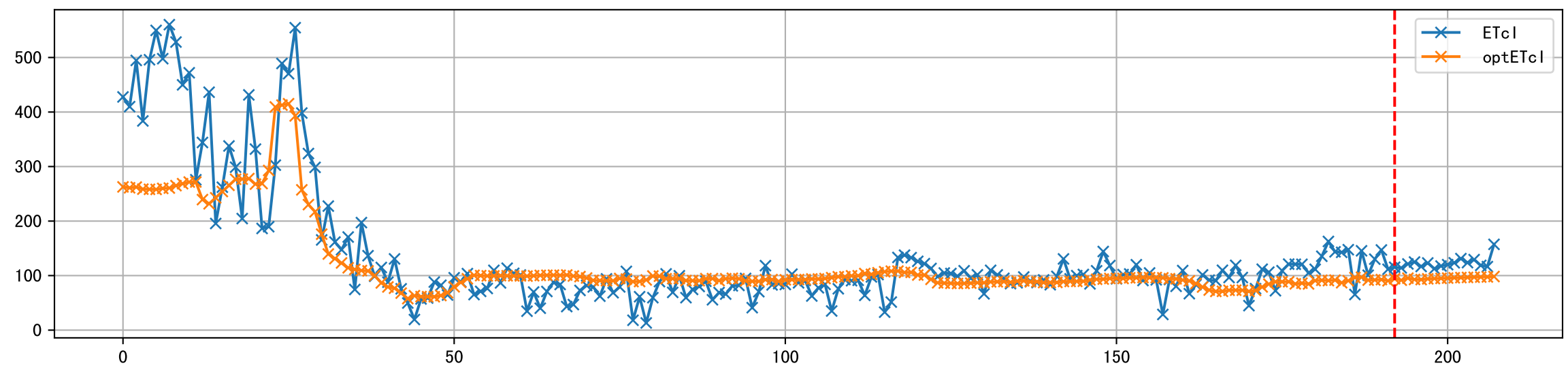

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
200
d

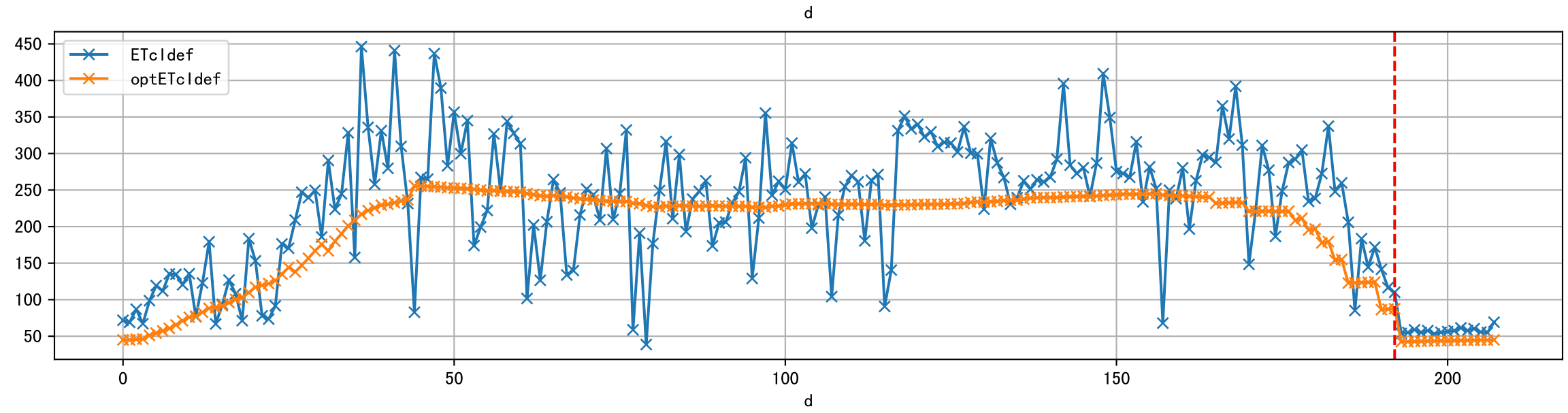
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo I', 'optETo I'], 'LAI', ['optEtRate', 'optEtRateDef', '

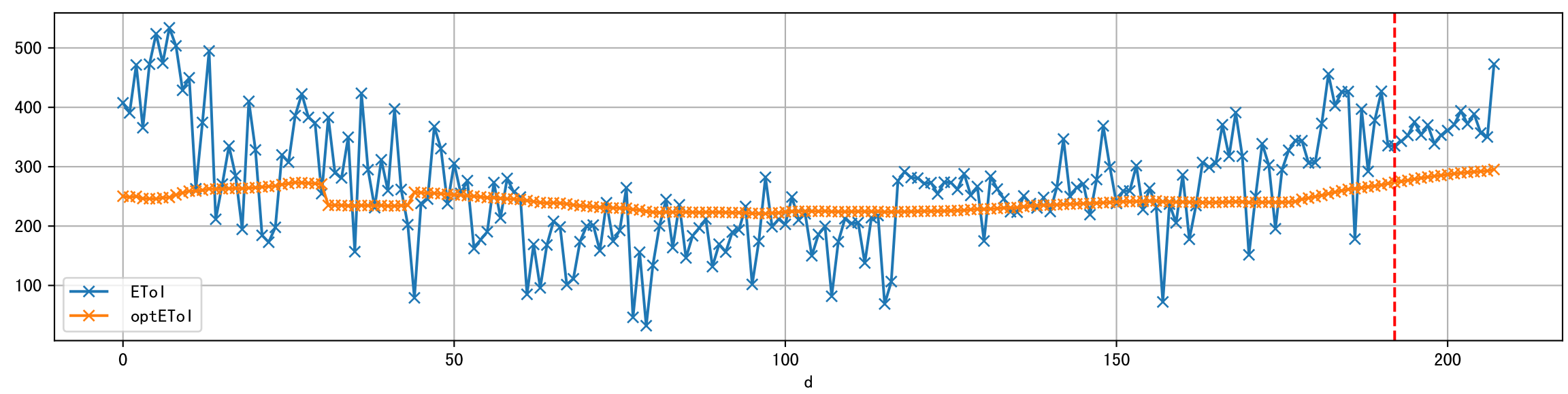


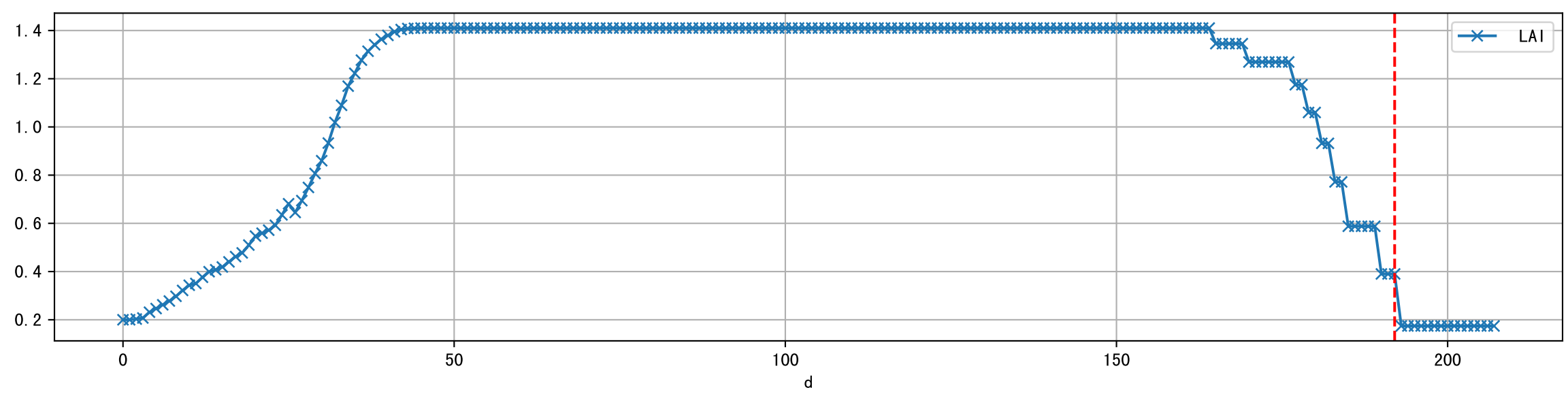


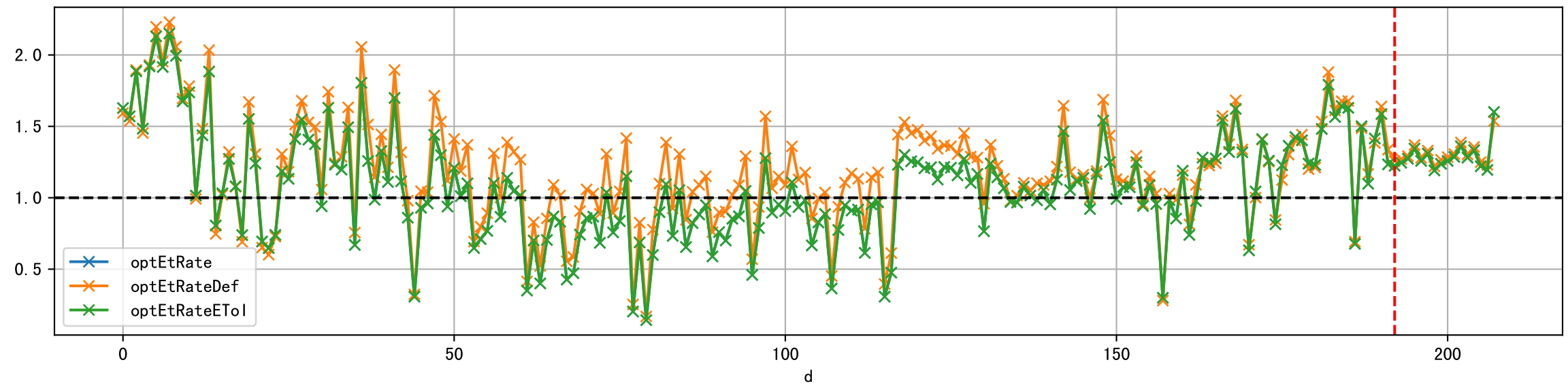


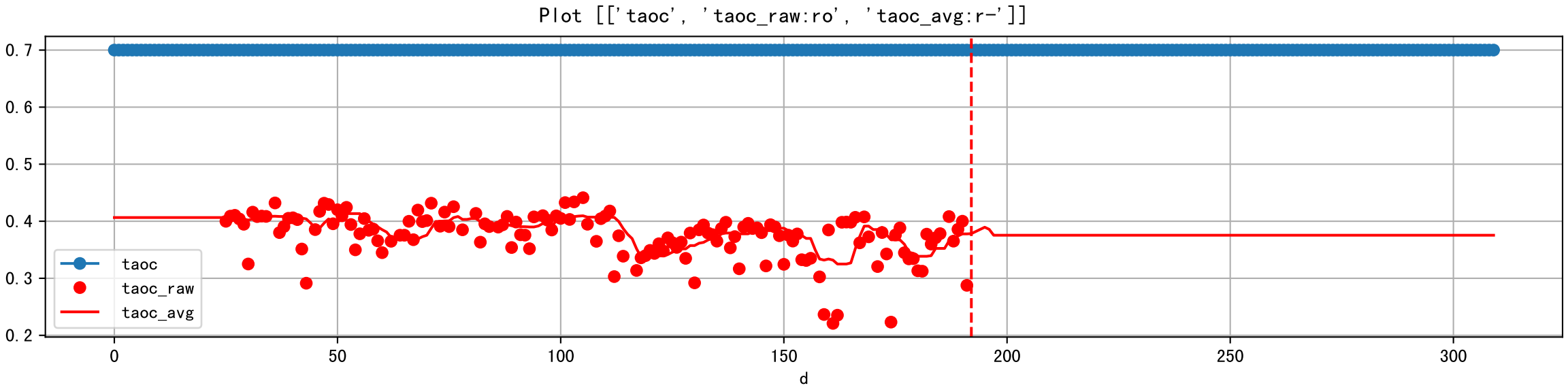


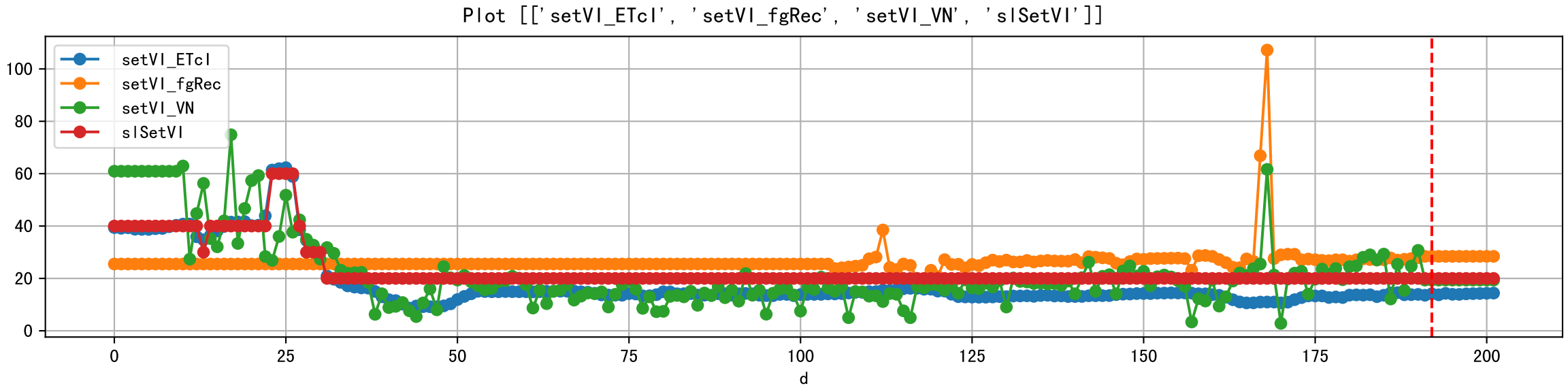


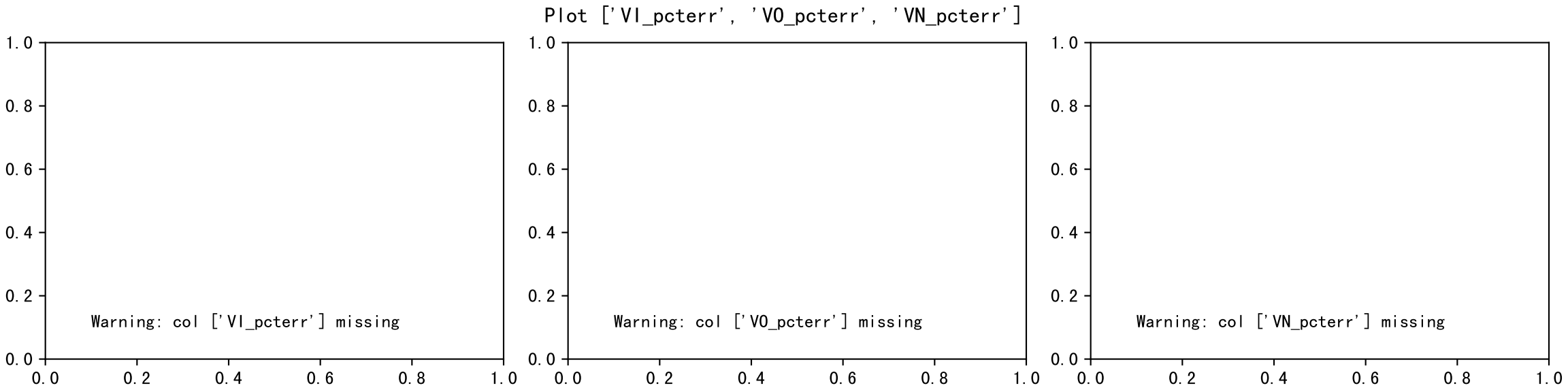


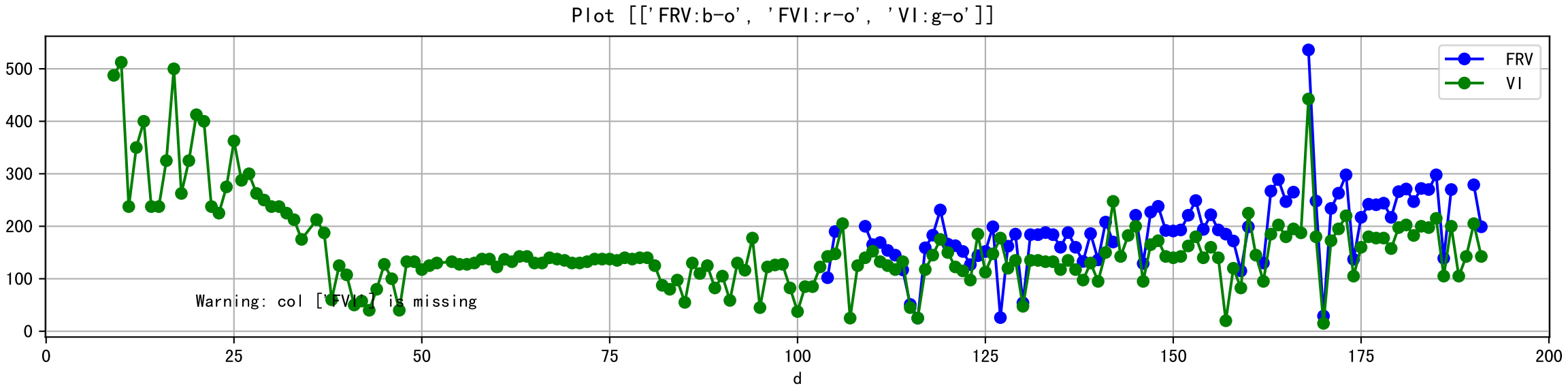


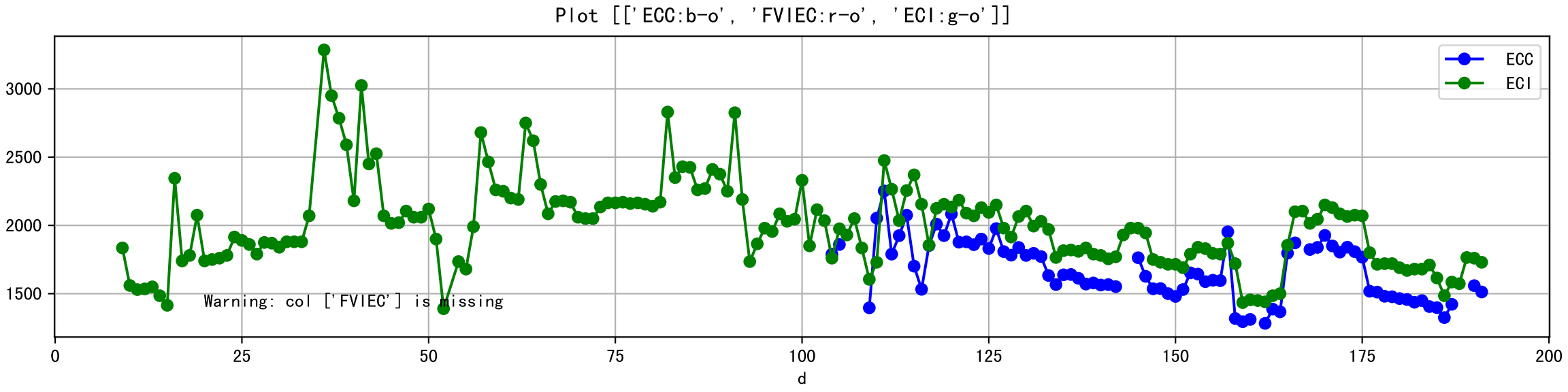


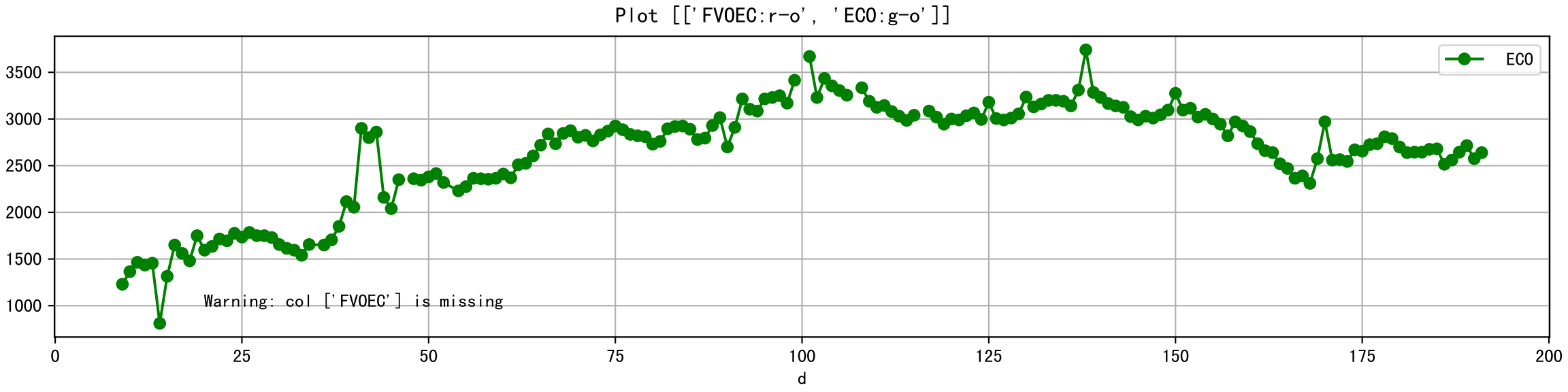

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

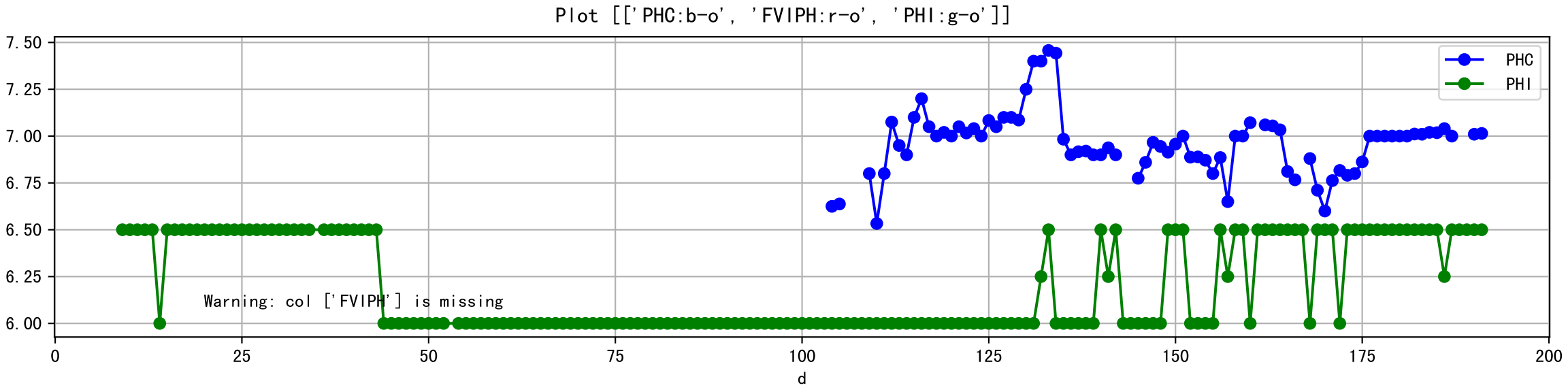

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
20
40
60
80
100
0
25
50
75
100
125
150
175
200
d

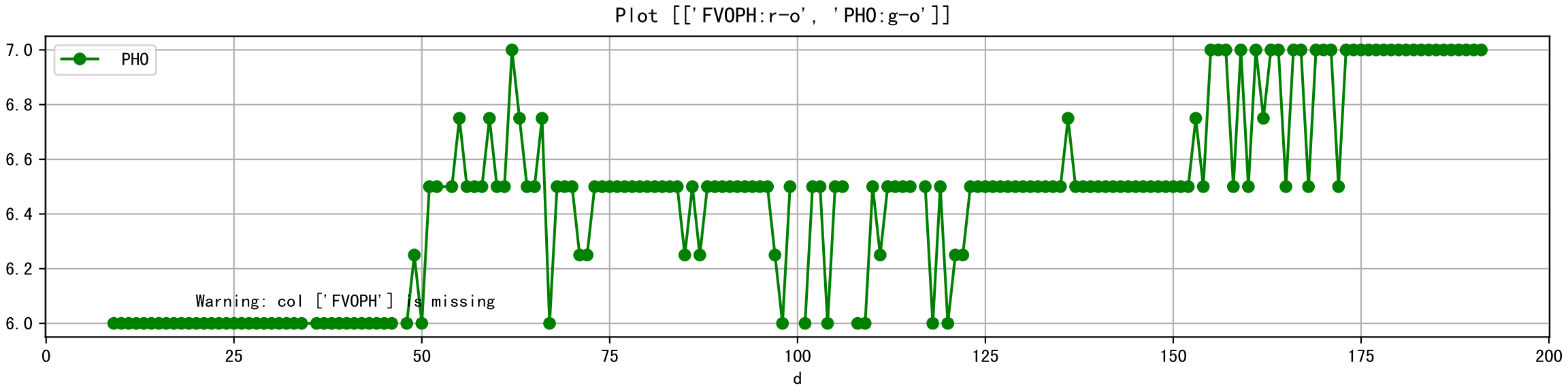

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

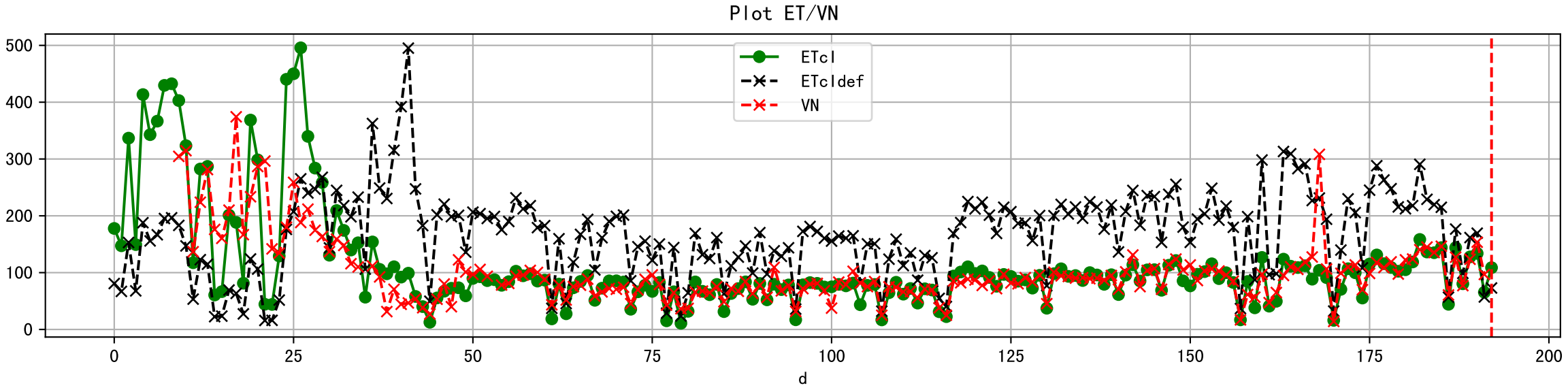

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
0
100
200
300
400
500
0
25
50
75
100
125
150
175
200
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d

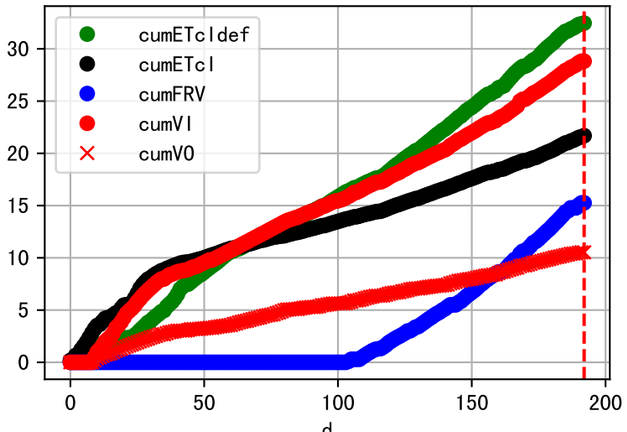

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

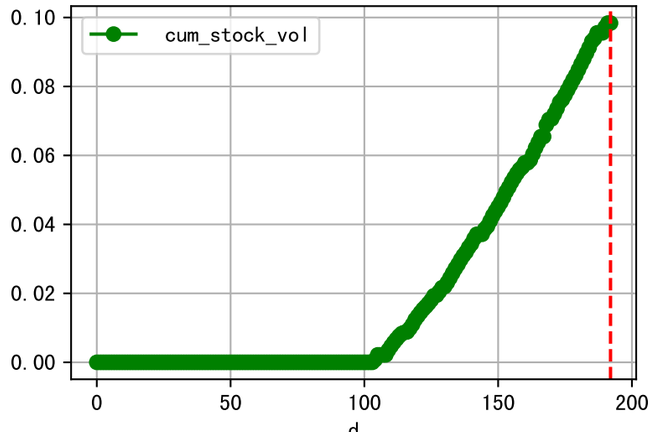

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

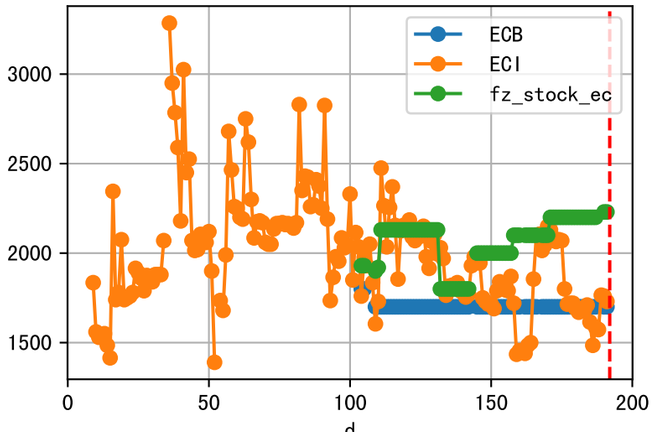

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
25
50
75
100
125
150
175
200
d

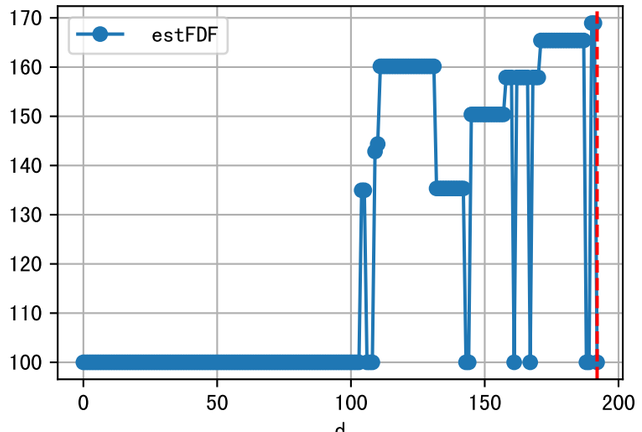

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
200
d

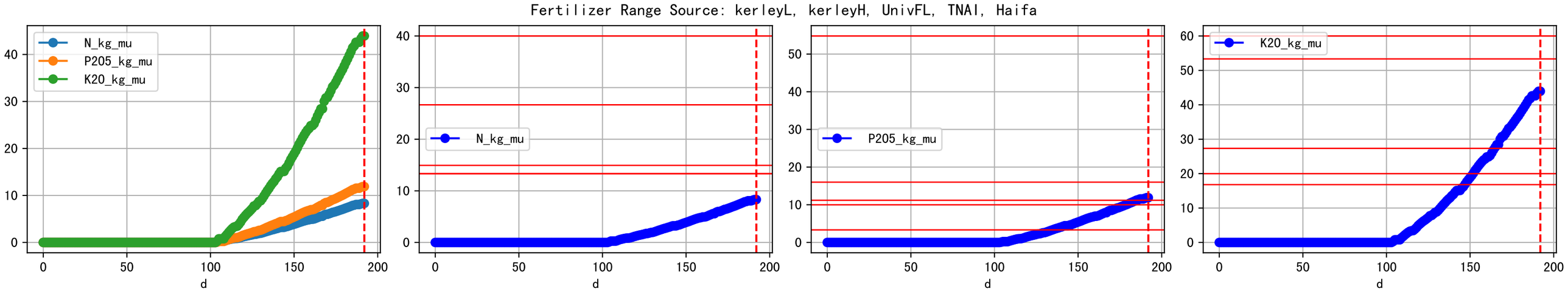
Plot Fv and fertilizer usage

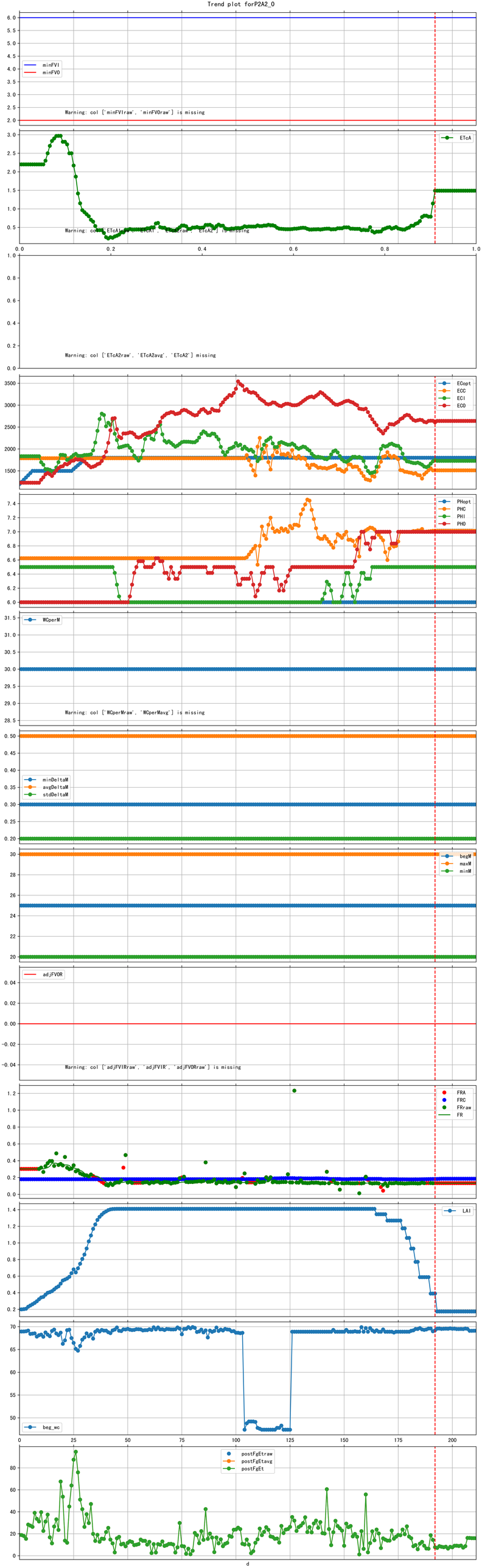


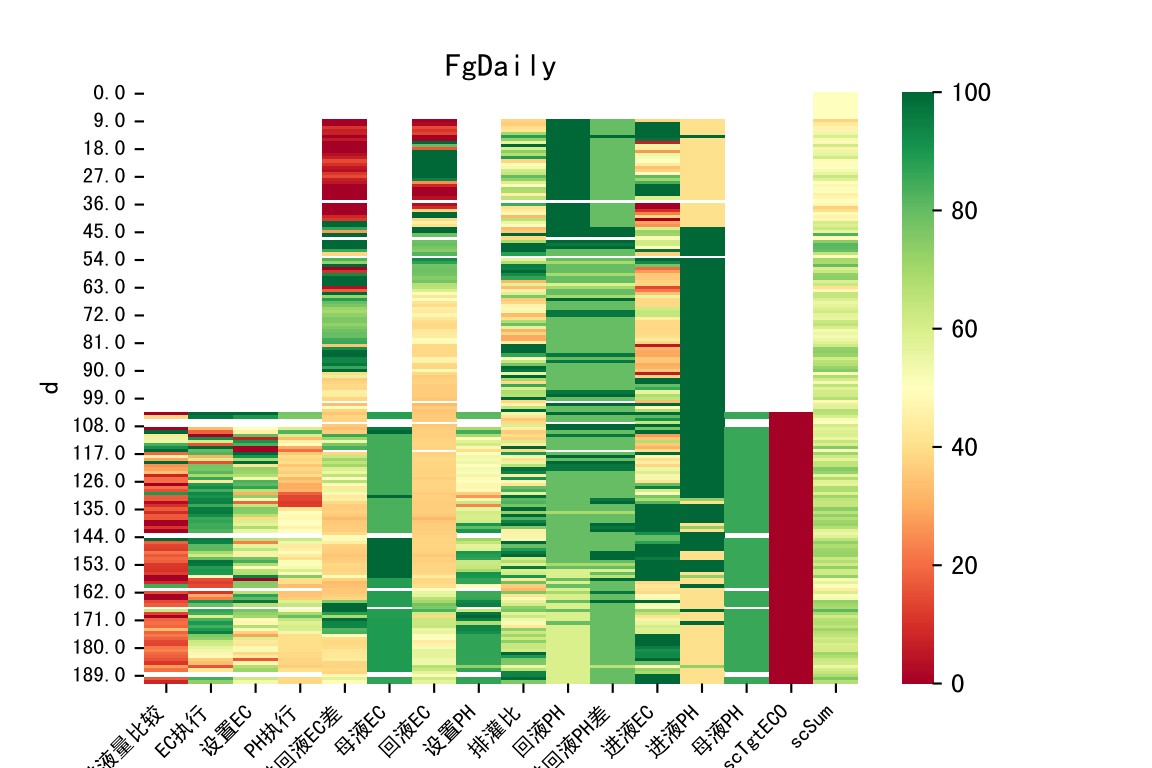




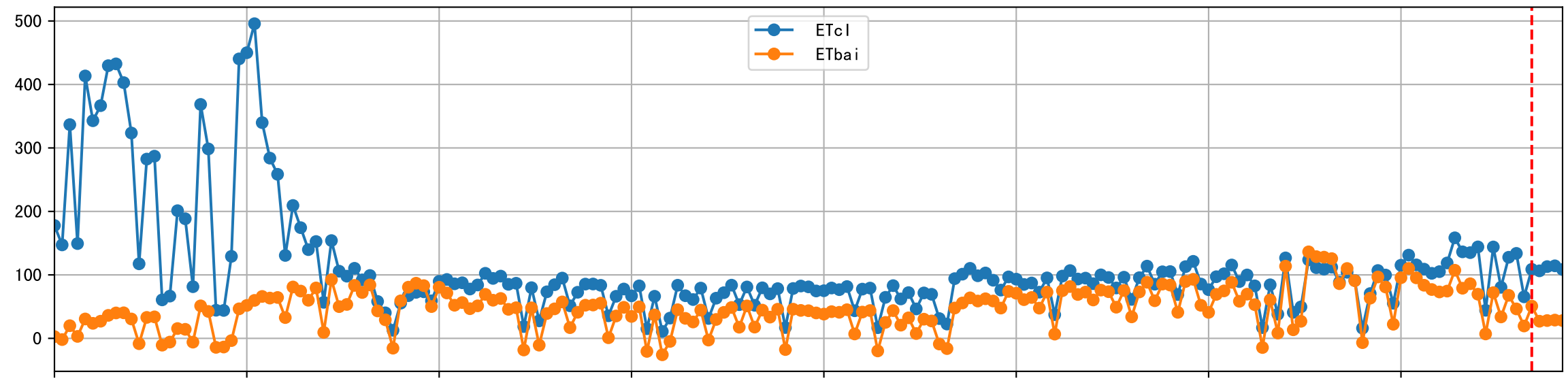


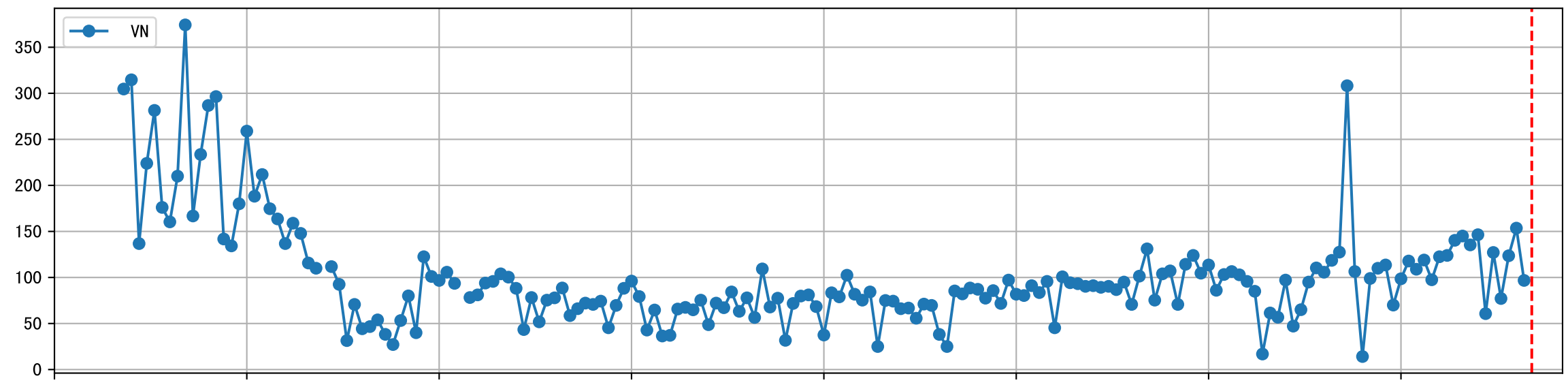

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

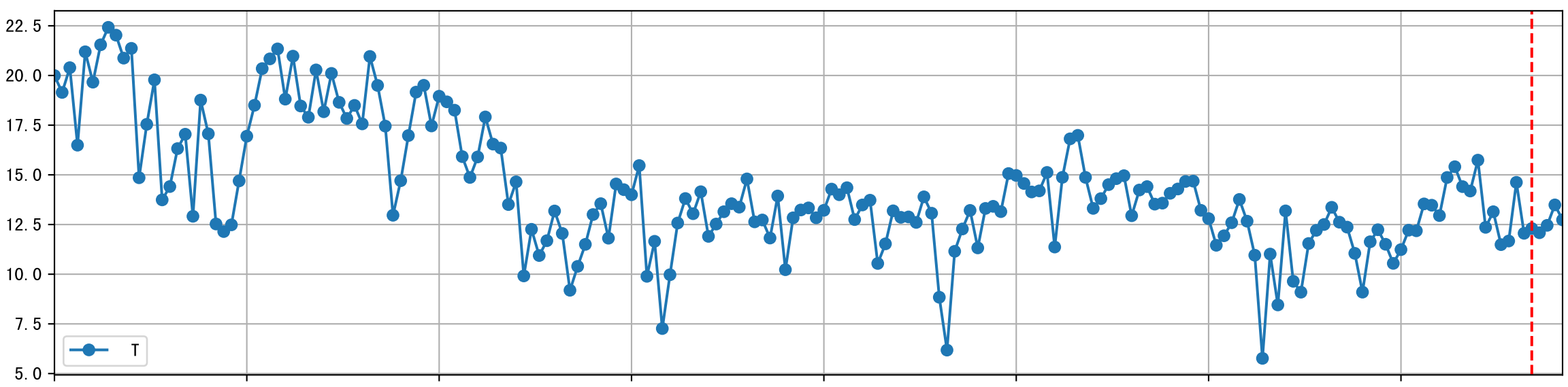

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcAraw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

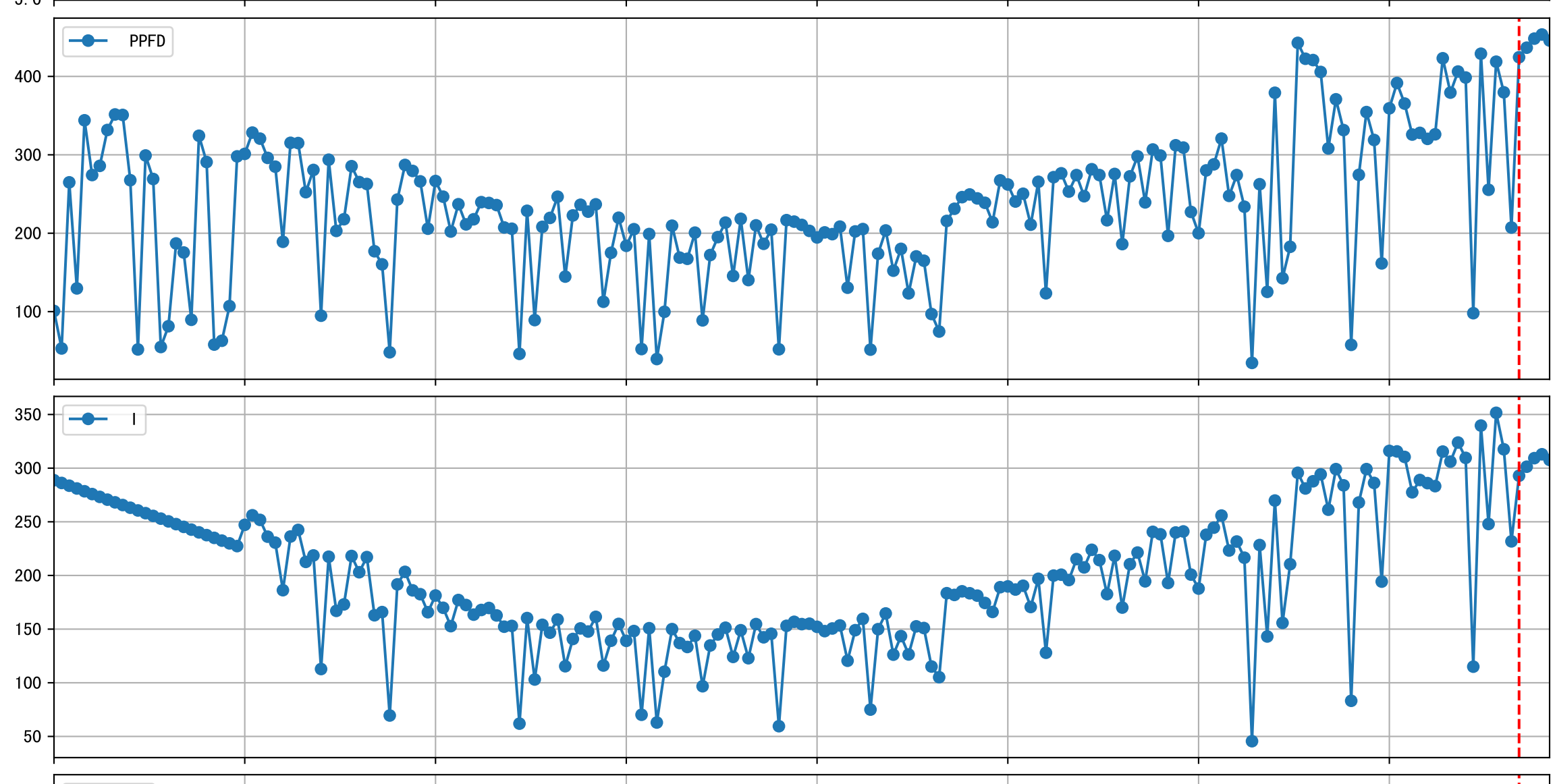

FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
189.0
100
80
60
40
20
0
进液量比较
EC执行
设置EC
PH执行
回液EC差
母液EC
回液EC
设置PH
排灌比
回液PH
回液PH差
进液EC
进液PH
母液PH
scTgtEC0
scSum

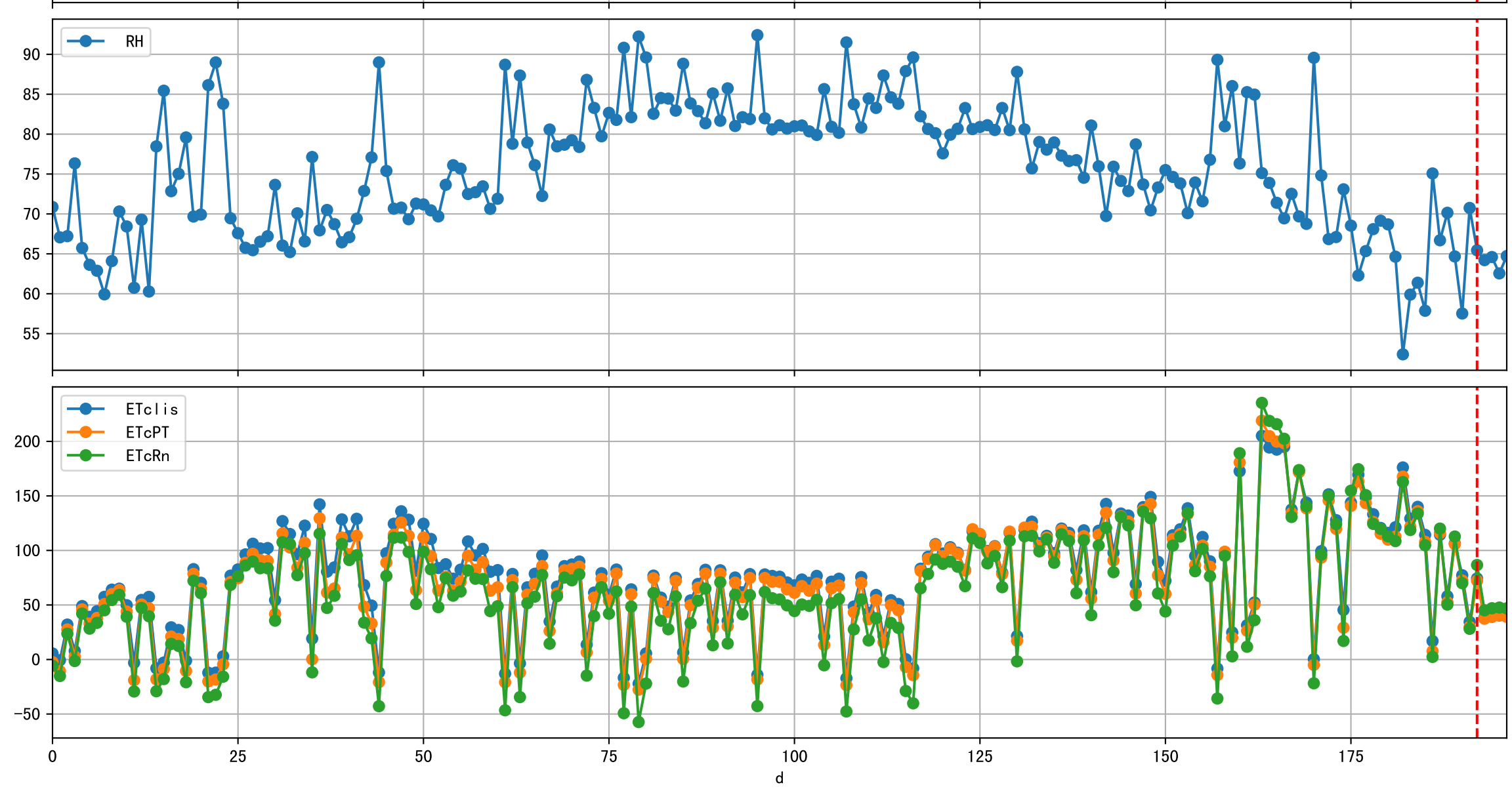
P2A2_0

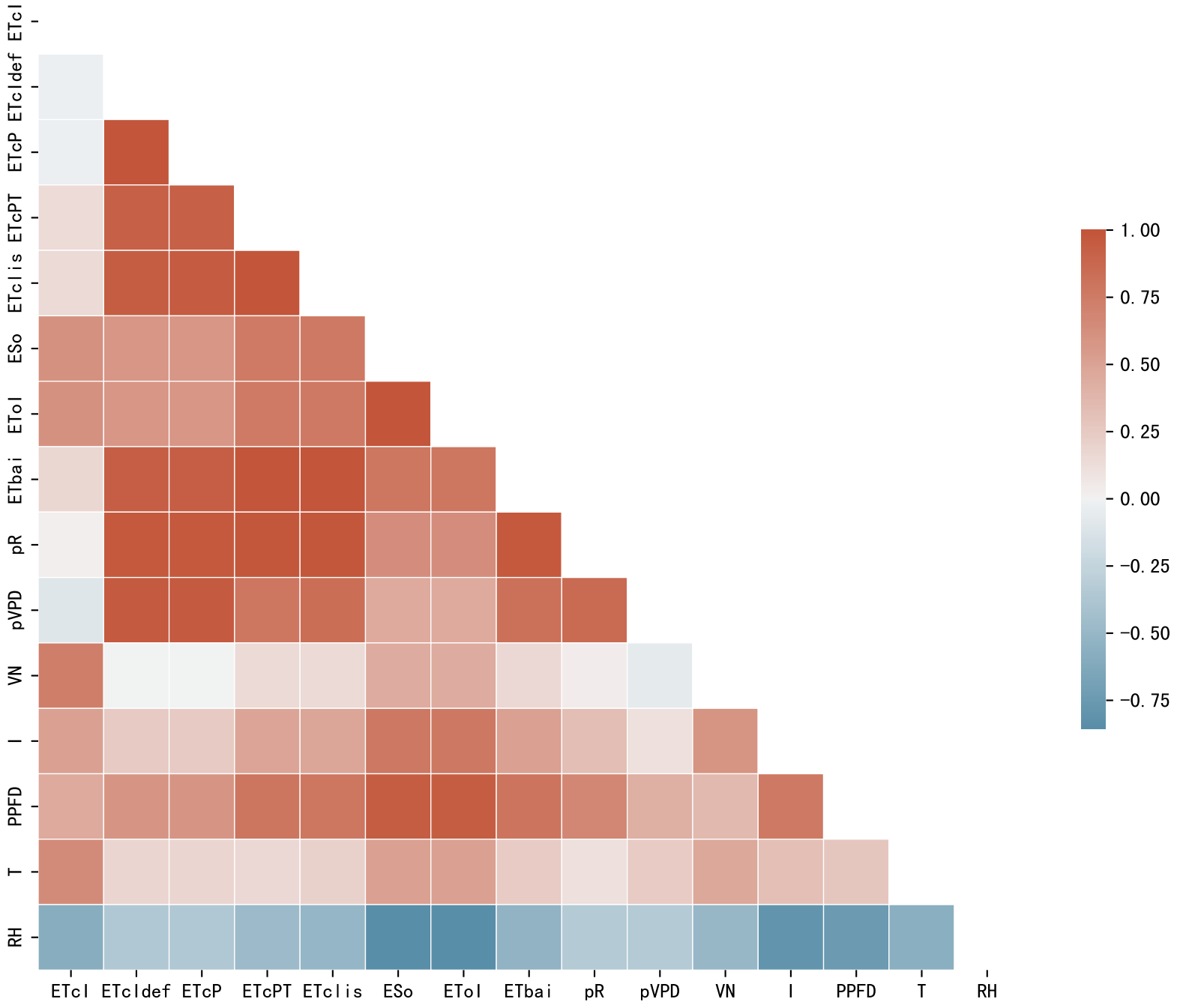


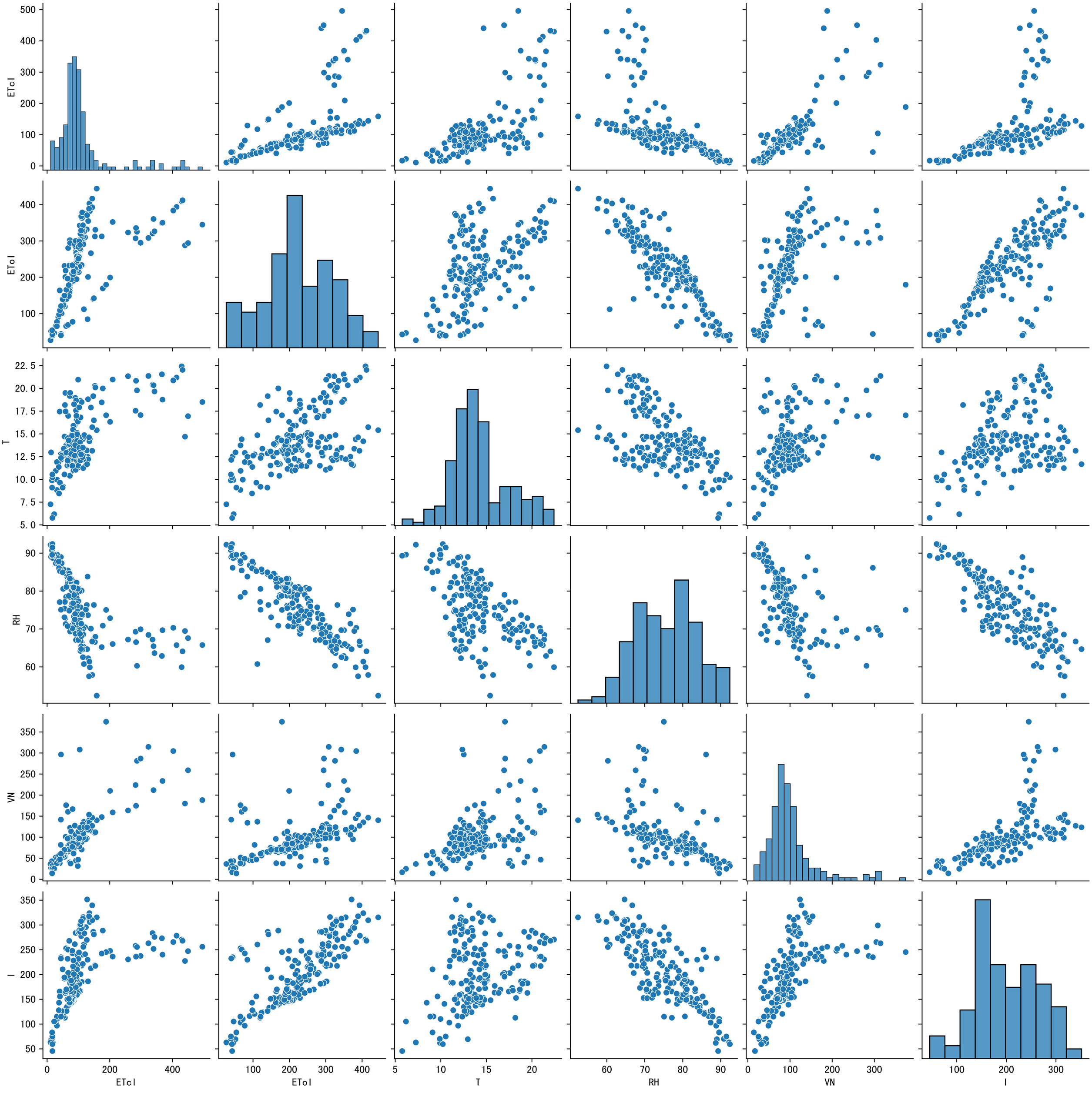


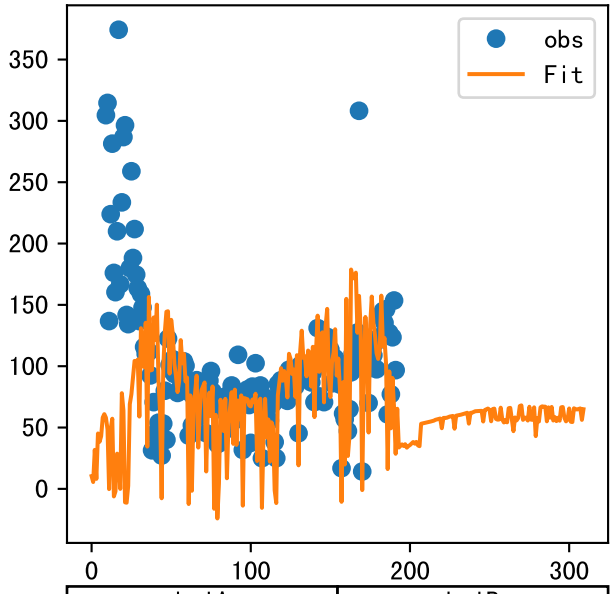


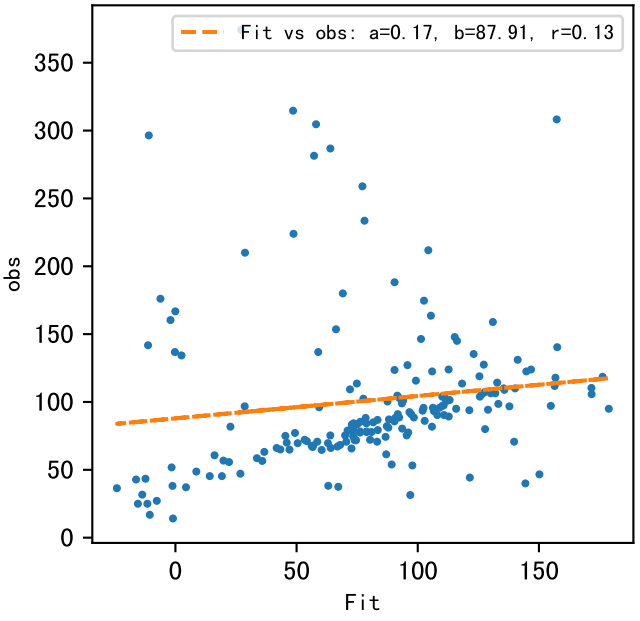




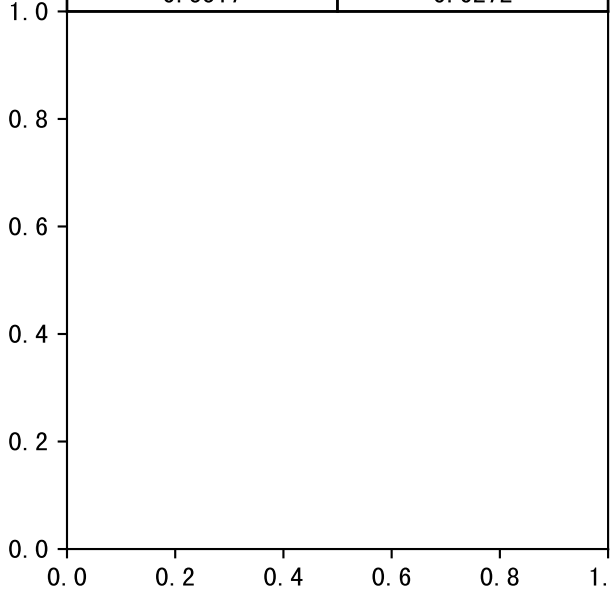

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

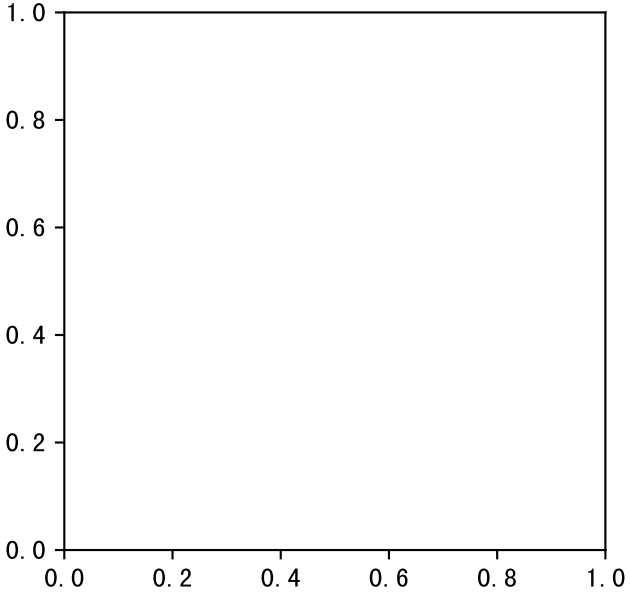

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

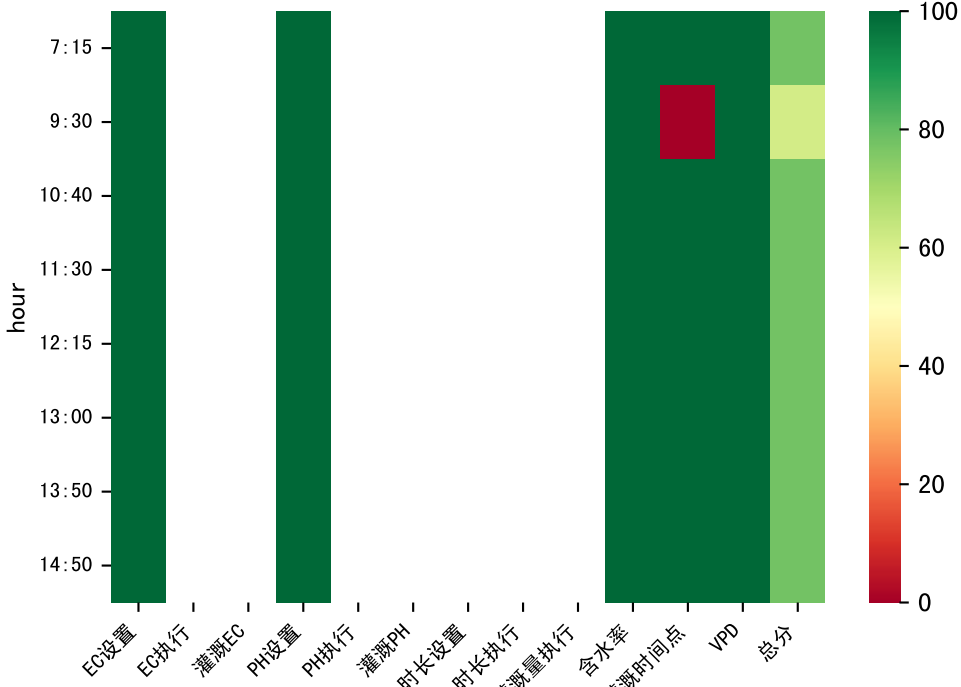




baiA	baiB
0.5517	0.0272

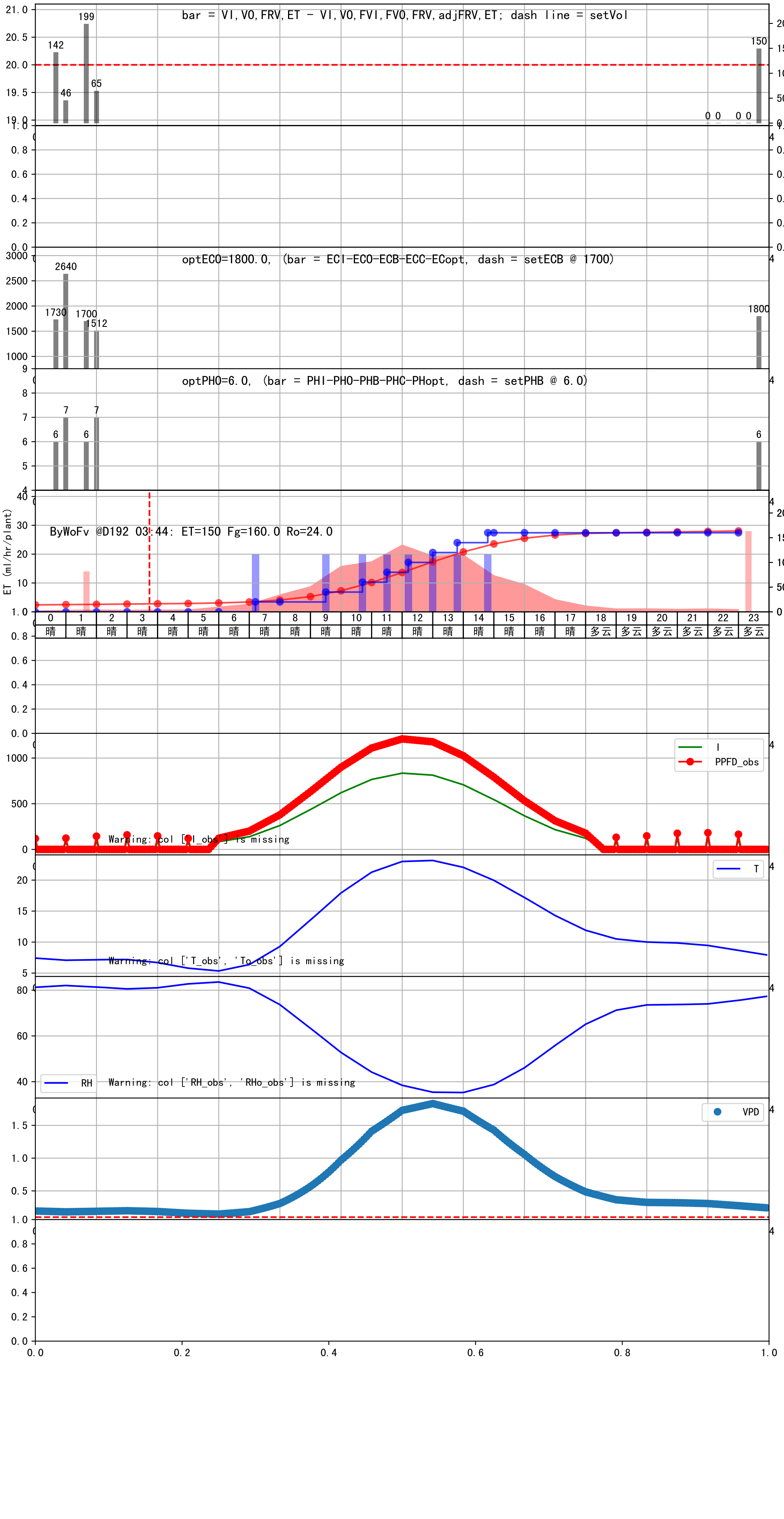


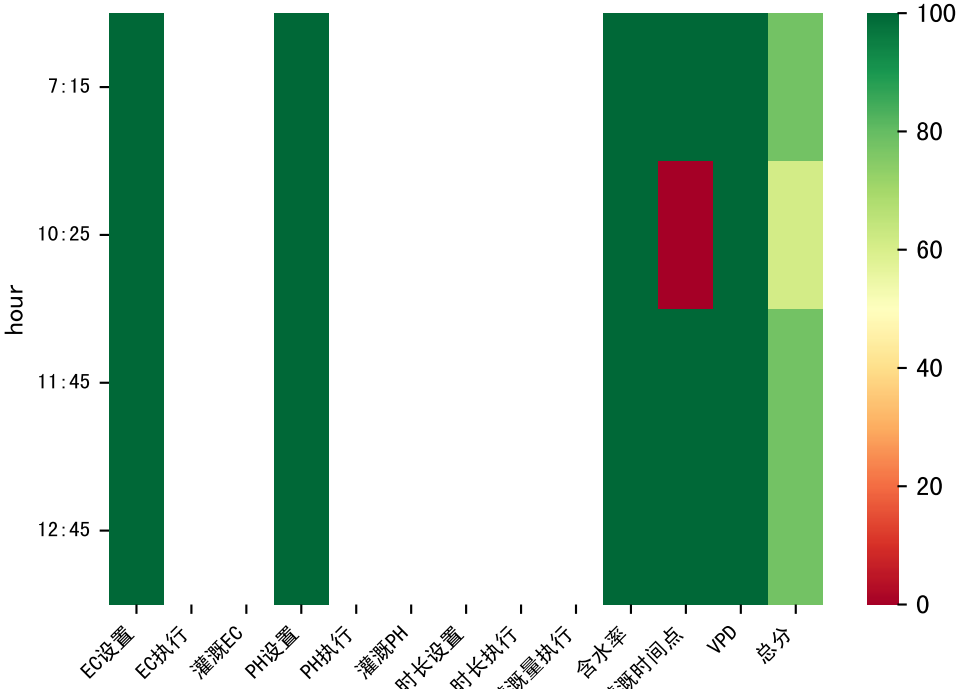



hour
7:15
9:30
10:40
11:30
12:15
13:00
13:50
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	154	20.0	0.441	晴	预期@07:15 自主（未用传感器）
09:30	154	20.0	0.441	晴	预期@09:30 自主（未用传感器）
10:40	154	20.0	0.441	晴	预期@10:40 自主（未用传感器）
11:30	154	20.0	0.441	晴	预期@11:30 自主（未用传感器）
12:15	154	20.0	0.441	晴	预期@12:15 自主（未用传感器）
13:00	154	20.0	0.441	晴	预期@13:00 自主（未用传感器）
13:50	154	20.0	0.441	晴	预期@13:50 自主（未用传感器）
14:50	154	20.0	0.441	晴	预期@14:50 自主（未用传感器）
总计	1232.0 (8次)	160.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=192 (2026-04-04)

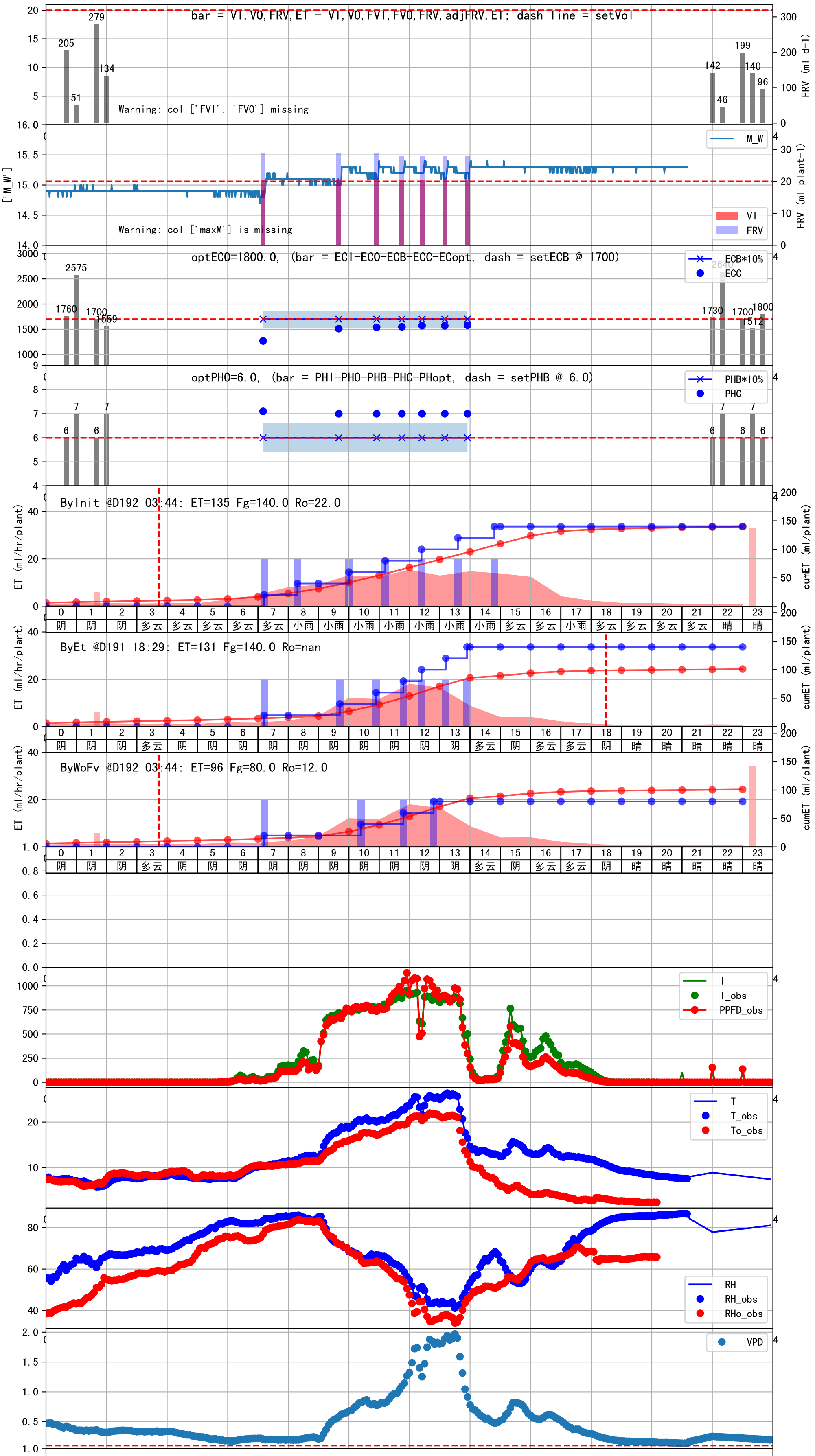


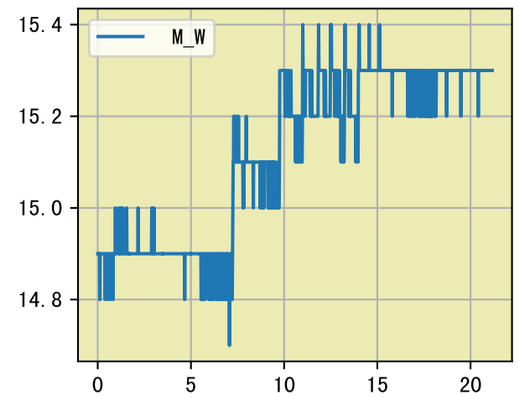

hour
7:15
10:25
11:45
12:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

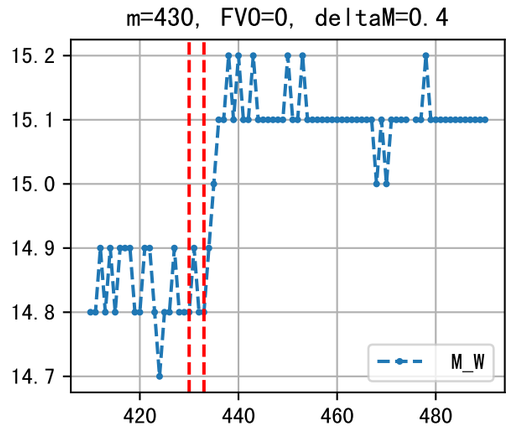
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	154	20.0	0.441	阴	假设@07:15 自动（未用传感器）
10:25	154	20.0	0.441	阴	假设@10:25 自动（未用传感器）
11:45	154	20.0	0.441	阴	假设@11:45 自动（未用传感器）
12:45	154	20.0	0.441	阴	假设@12:45 自动（未用传感器）
总计	616.0 (4次)	80.0			建议进液EC：1700， PH：6.0

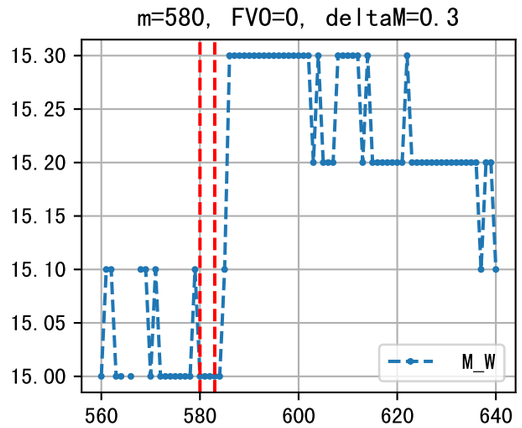
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (28.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

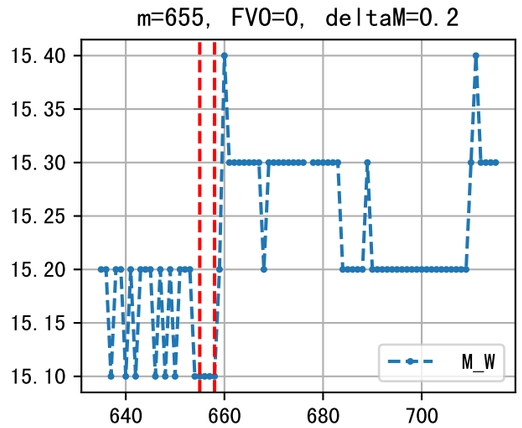
P2A2_0, Day=191.0 (2026-04-03)

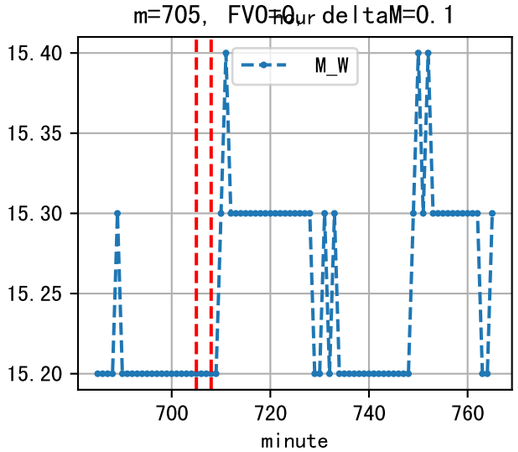


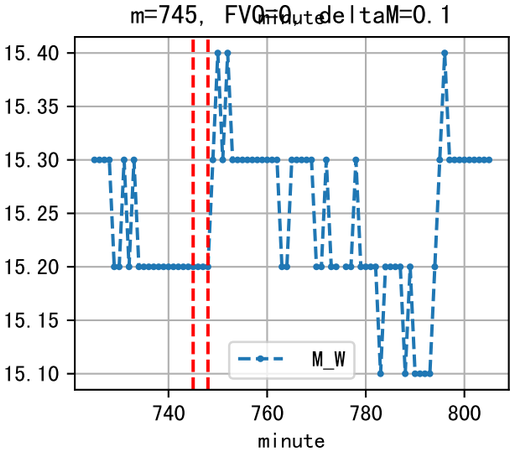

M_W

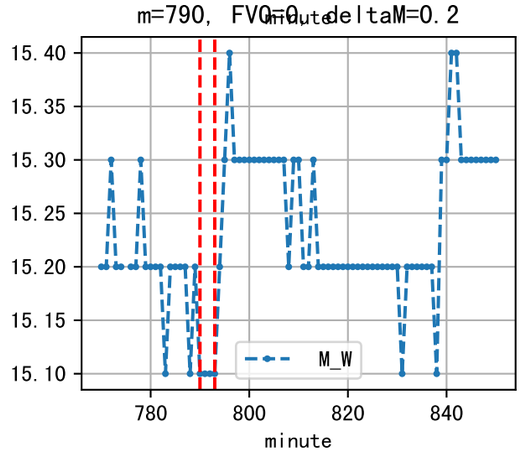

m=430, FV0=0, deltaM=0.4
M_W

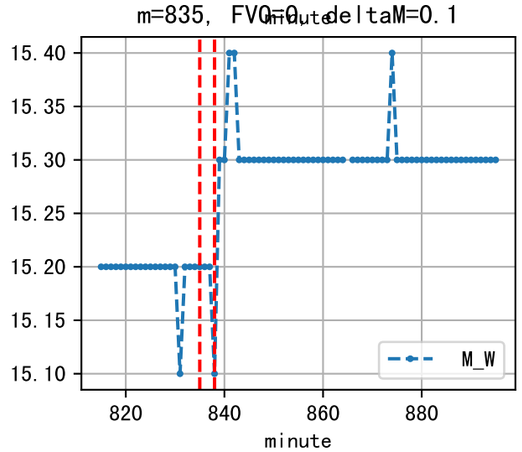

m=580, FV0=0, deltaM=0.3
M_W

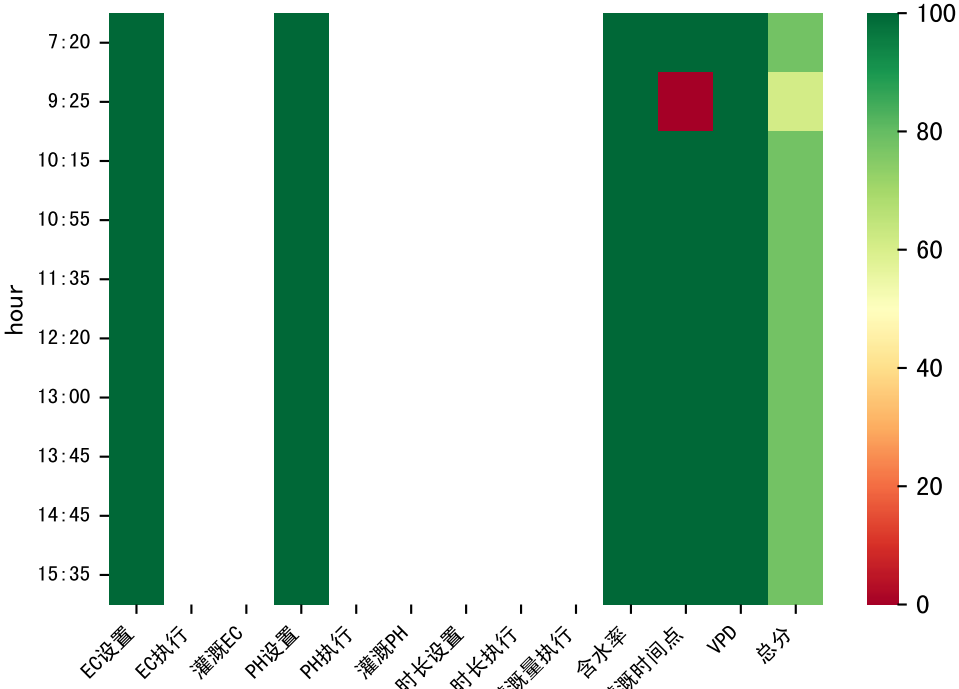

m=655, FV0=0, deltaM=0.2
M_W


m=705, FV0=0, deltaM=0.1
M_W
minute


m=745, FV0=0, deltaM=0.1
M_W
minute


m=790, FV0=0, deltaM=0.2
M_W
minute

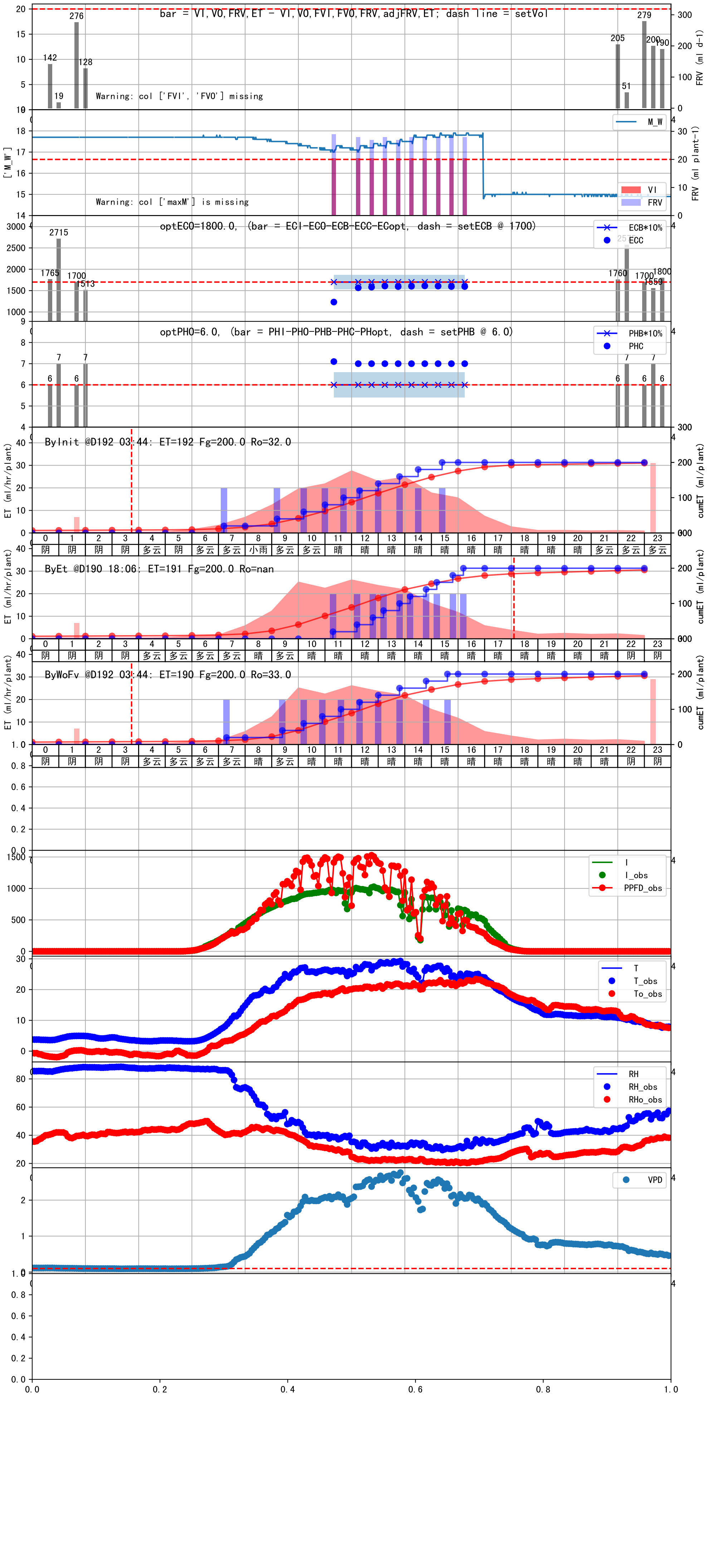

m=835, FV0=0, deltaM=0.1
M_W
minute

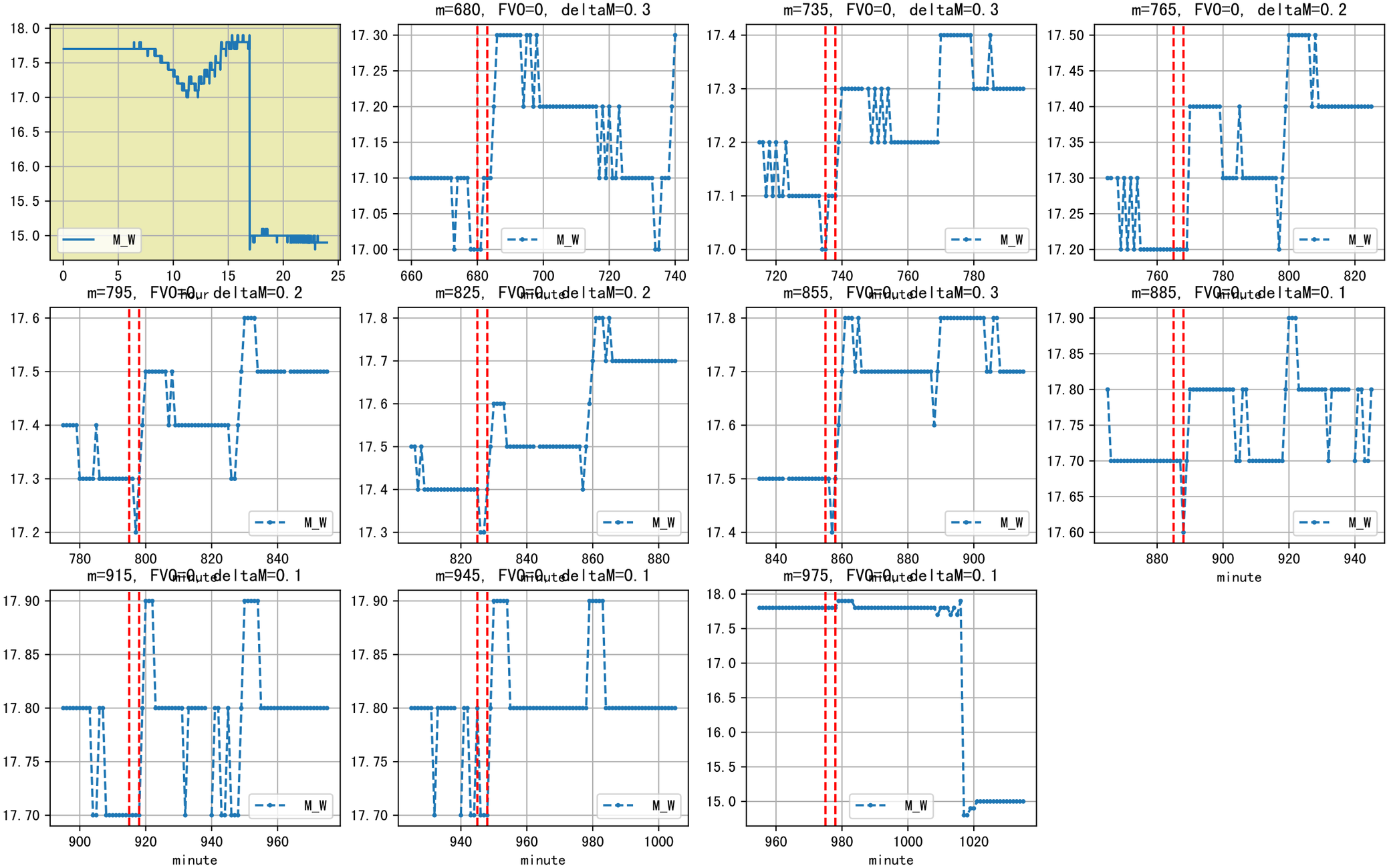

hour
7:20
9:25
10:15
10:55
11:35
12:20
13:00
13:45
14:45
15:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

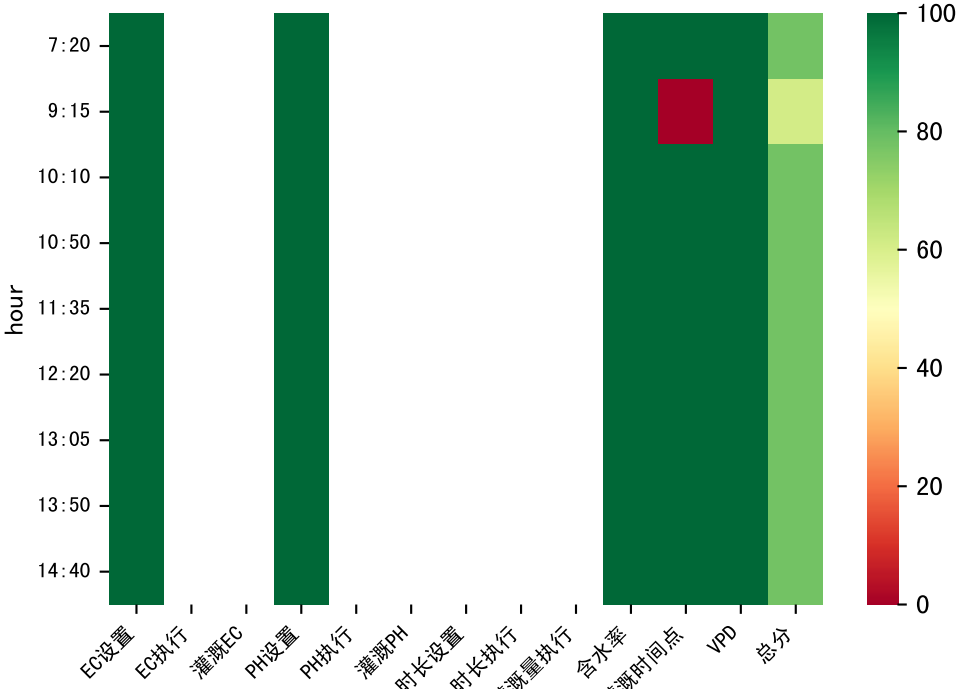
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:20	153	20.0	0.441	多云	假设@07:20 自动（未用传感器）
09:25	153	20.0	0.441	多云	假设@09:25 自动（未用传感器）
10:15	153	20.0	0.441	晴	假设@10:15 自动（未用传感器）
10:55	153	20.0	0.441	晴	假设@10:55 自动（未用传感器）
11:35	153	20.0	0.441	晴	假设@11:35 自动（未用传感器）
12:20	153	20.0	0.441	晴	假设@12:20 自动（未用传感器）
13:00	153	20.0	0.441	晴	假设@13:00 自动（未用传感器）
13:45	153	20.0	0.441	晴	假设@13:45 自动（未用传感器）
14:45	153	20.0	0.441	晴	假设@14:45 自动（未用传感器）
15:35	153	20.0	0.441	晴	假设@15:35 自动（未用传感器）
总计	1530.0 (10次)	200.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (28.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

P2A2_0, Day=190.0 (2026-04-02)

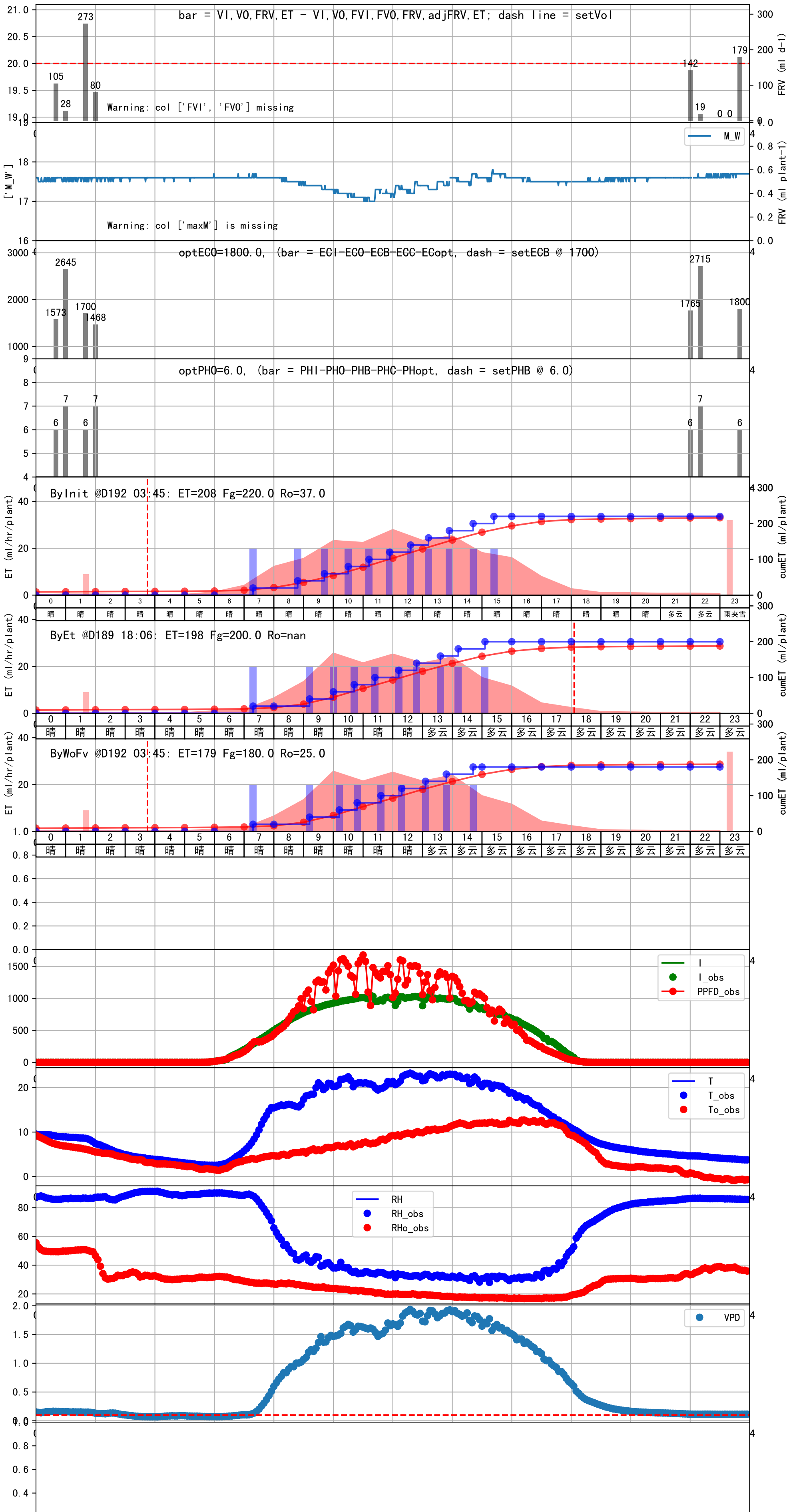


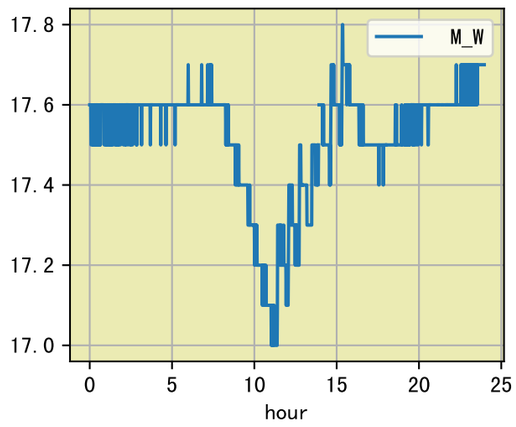

m=680, FVO=0, deltaM=0.3
m=735, FVO=0, deltaM=0.3
m=765, FVO=0, deltaM=0.2
m=795, FVO=0, deltaM=0.2
m=825, FVO=0, deltaM=0.2
m=855, FVO=0, deltaM=0.3
m=885, FVO=0, deltaM=0.1
m=915, FVO=0, deltaM=0.1
m=945, FVO=0, deltaM=0.1
m=975, FVO=0, deltaM=0.1
M_W
minute

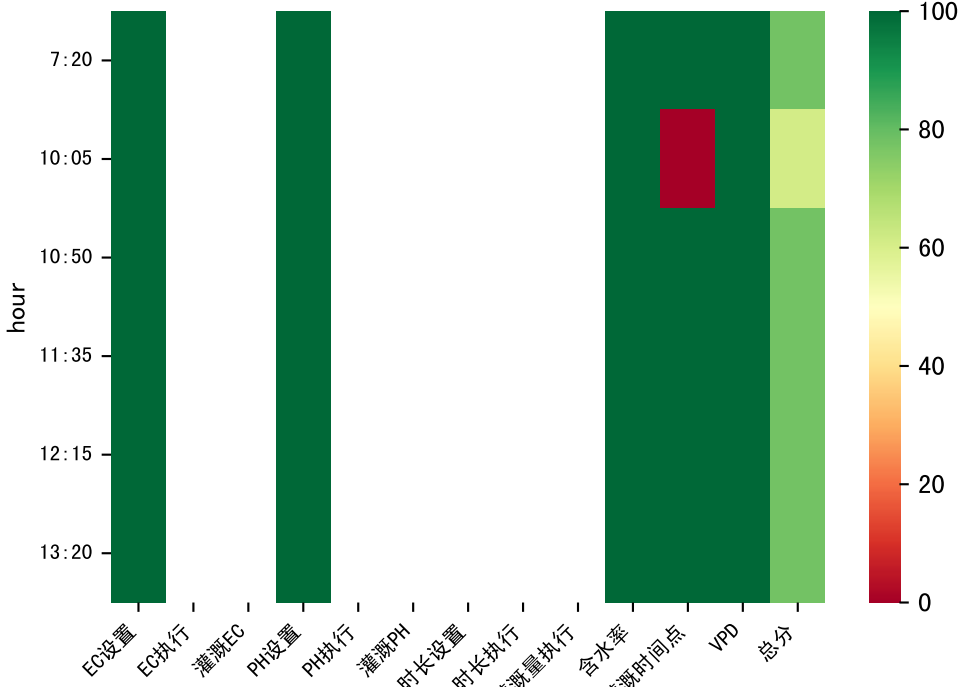

hour
7:20
9:15
10:10
10:50
11:35
12:20
13:05
13:50
14:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:20	154	20.0	0.441	晴	假设@07:20 未知程序（未用传感器）
09:15	154	20.0	0.441	晴	假设@09:15 未知程序（未用传感器）
10:10	154	20.0	0.441	晴	假设@10:10 未知程序（未用传感器）
10:50	154	20.0	0.441	晴	假设@10:50 未知程序（未用传感器）
11:35	154	20.0	0.441	晴	假设@11:35 未知程序（未用传感器）
12:20	154	20.0	0.441	晴	假设@12:20 未知程序（未用传感器）
13:05	154	20.0	0.441	多云	假设@13:05 未知程序（未用传感器）
13:50	154	20.0	0.441	多云	假设@13:50 未知程序（未用传感器）
14:40	154	20.0	0.441	多云	假设@14:40 未知程序（未用传感器）
总计	1386.0 (9次)	180.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=189 (2026-04-01)

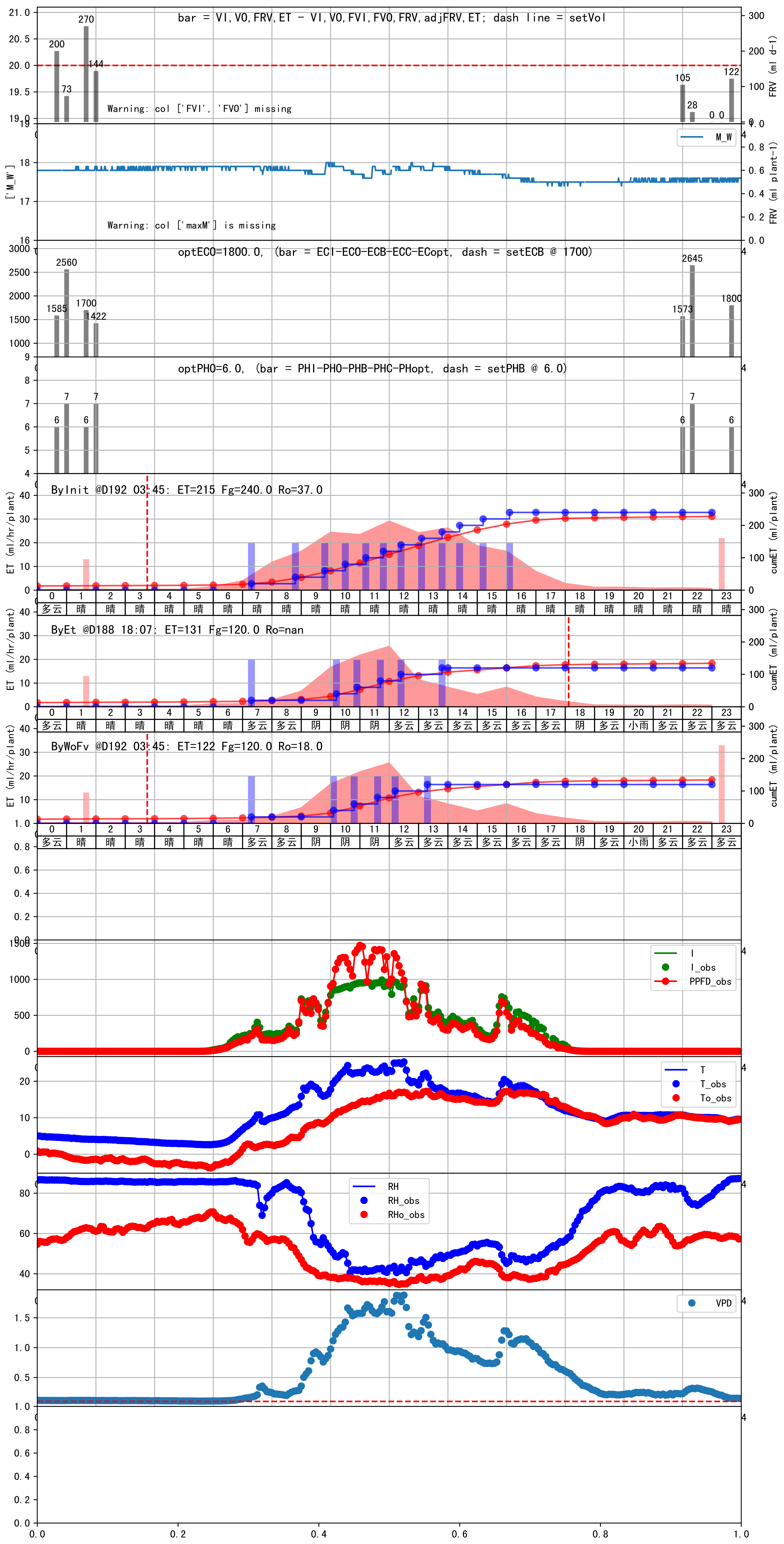


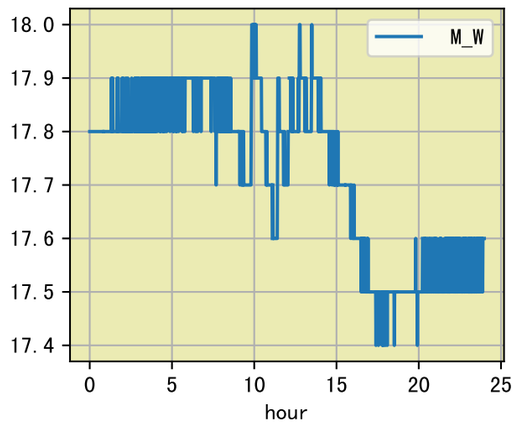

M_W
17.8
17.6
17.4
17.2
17.0
0
5
10
15
20
25
hour


hour
7:20
10:05
10:50
11:35
12:15
13:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:20	154	20.0	0.441	多云	假设@07:20 未知程序（未用传感器）
10:05	154	20.0	0.441	阴	假设@10:05 未知程序（未用传感器）
10:50	154	20.0	0.441	阴	假设@10:50 未知程序（未用传感器）
11:35	154	20.0	0.441	阴	假设@11:35 未知程序（未用传感器）
12:15	154	20.0	0.441	多云	假设@12:15 未知程序（未用传感器）
13:20	154	20.0	0.441	多云	假设@13:20 未知程序（未用传感器）
总计	924.0 (6次)	120.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=188 (2026-03-31)




M_W
18.0
17.9
17.8
17.7
17.6
17.5
17.4
0
5
10
15
20
25
hour