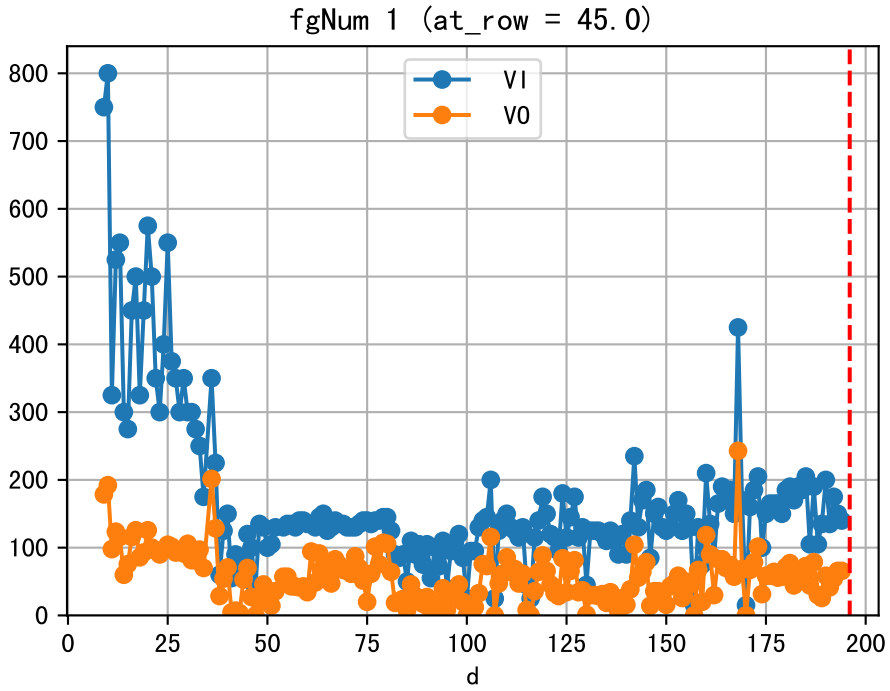
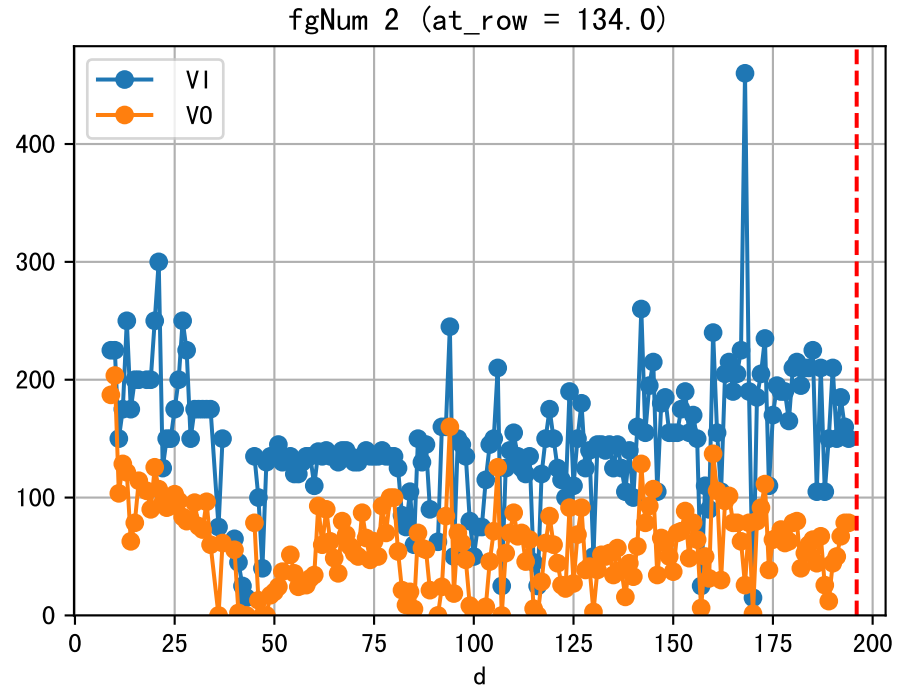
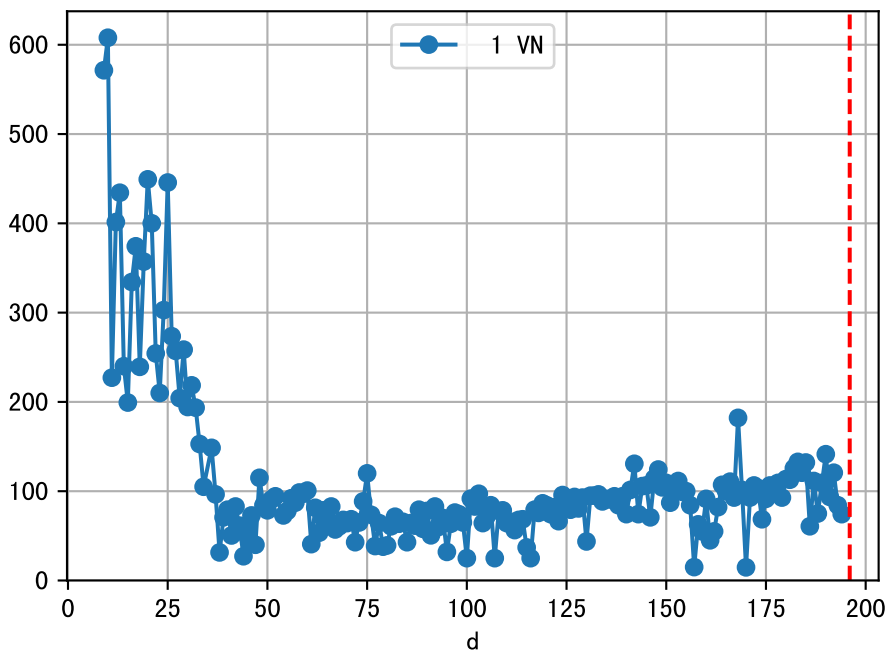
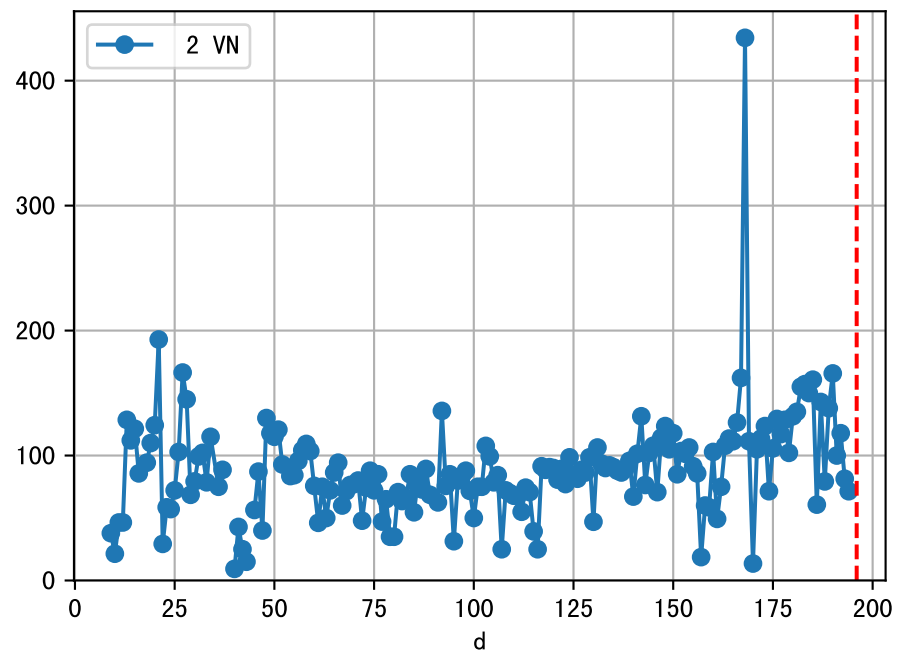
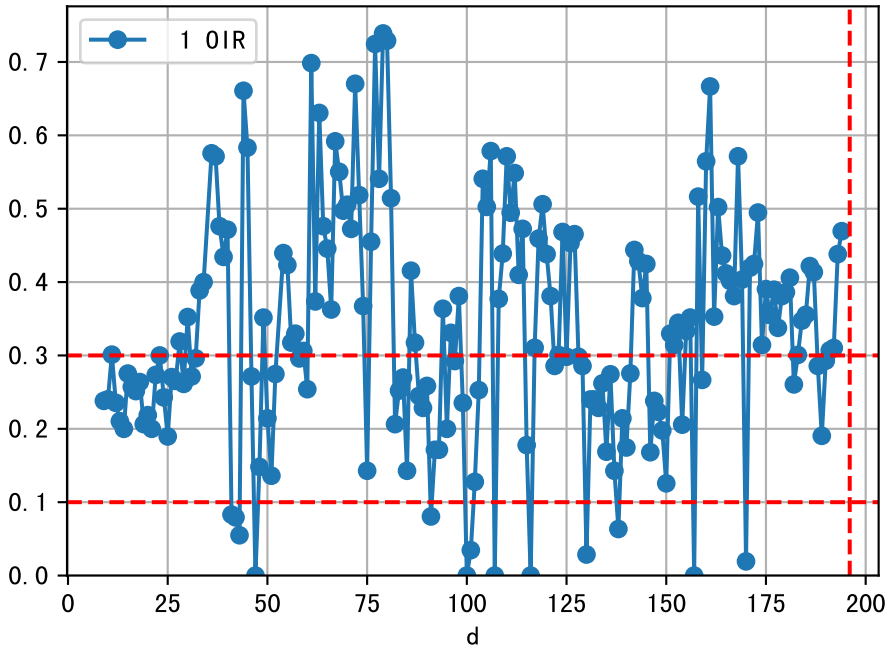
FgArea: ['0']
NC11 P2
2026-04-08 (Day 196)

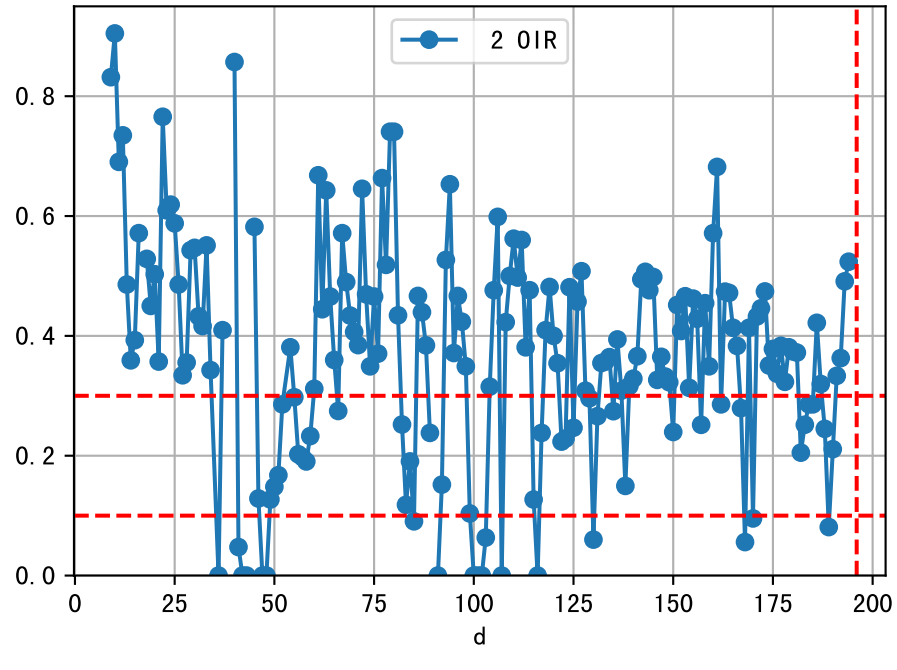

fgNum 1 (at_row = 45.0)
VI
VO
d

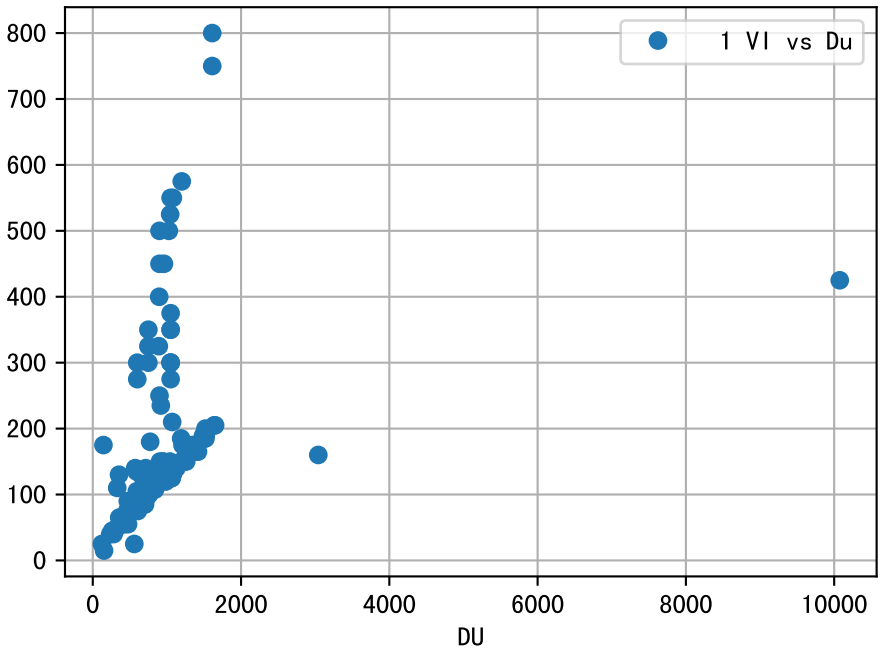

fgNum 2 (at_row = 134.0)
VI
VO
d

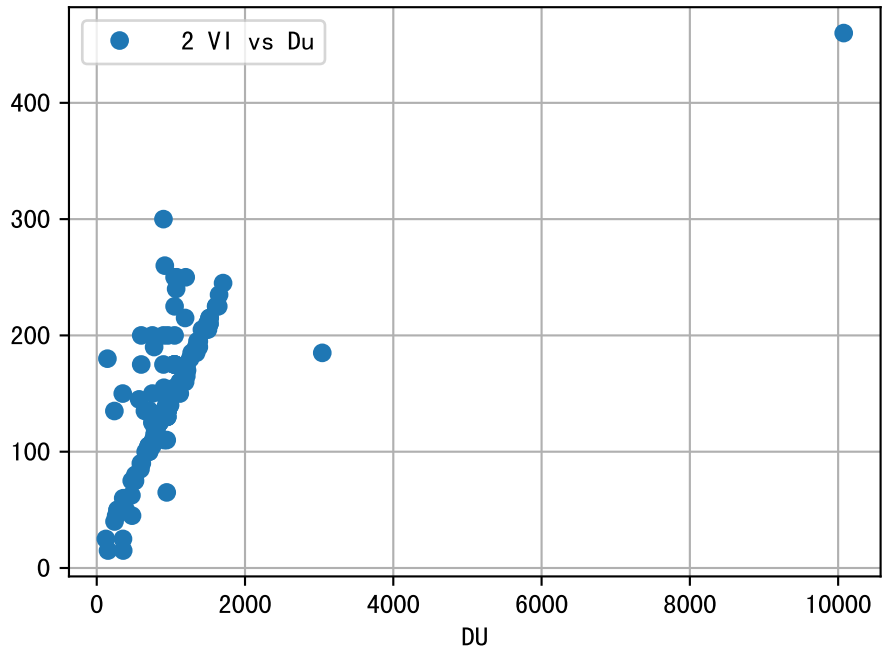

1 VN
d

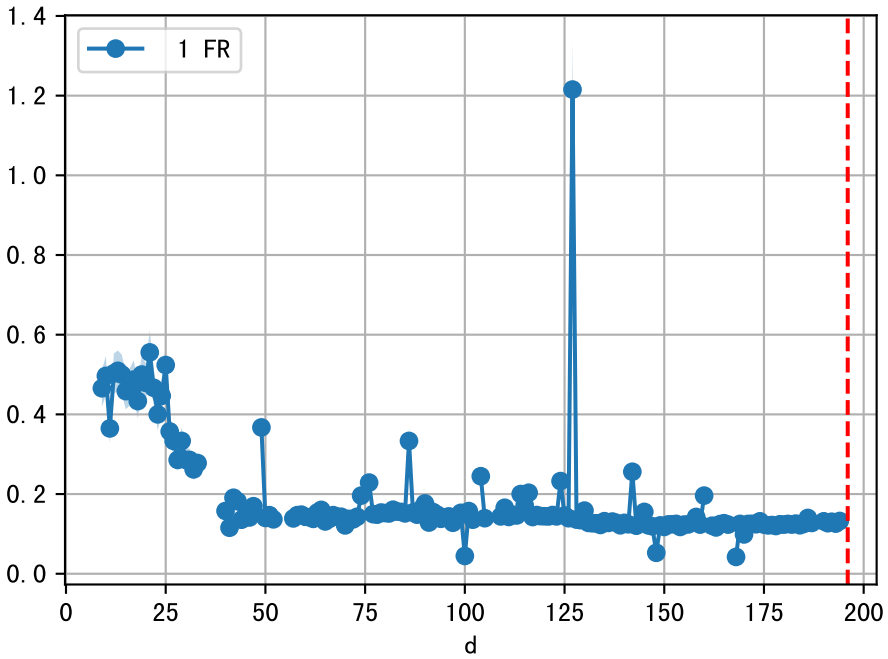

2 VN
d

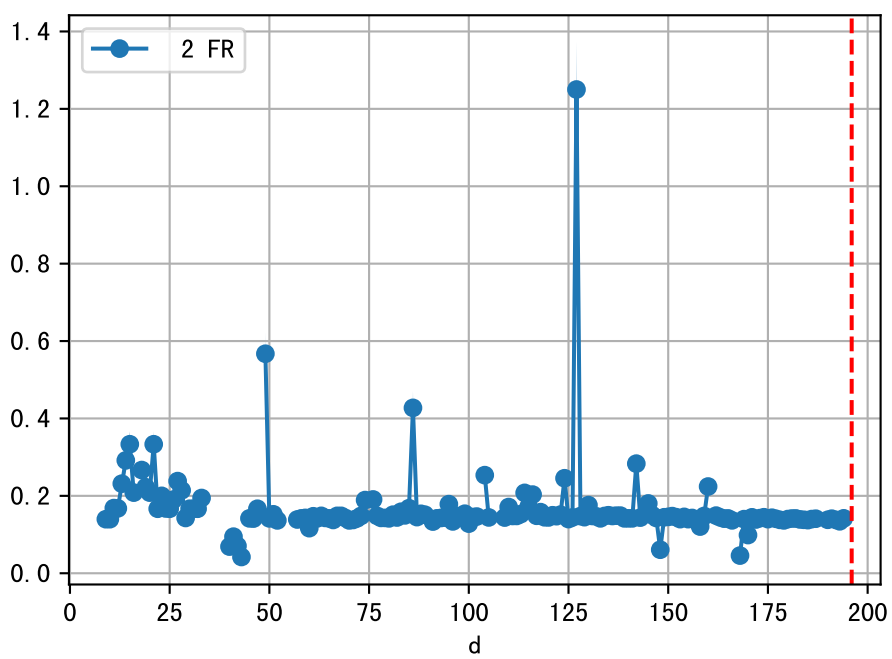

1 OIR
d

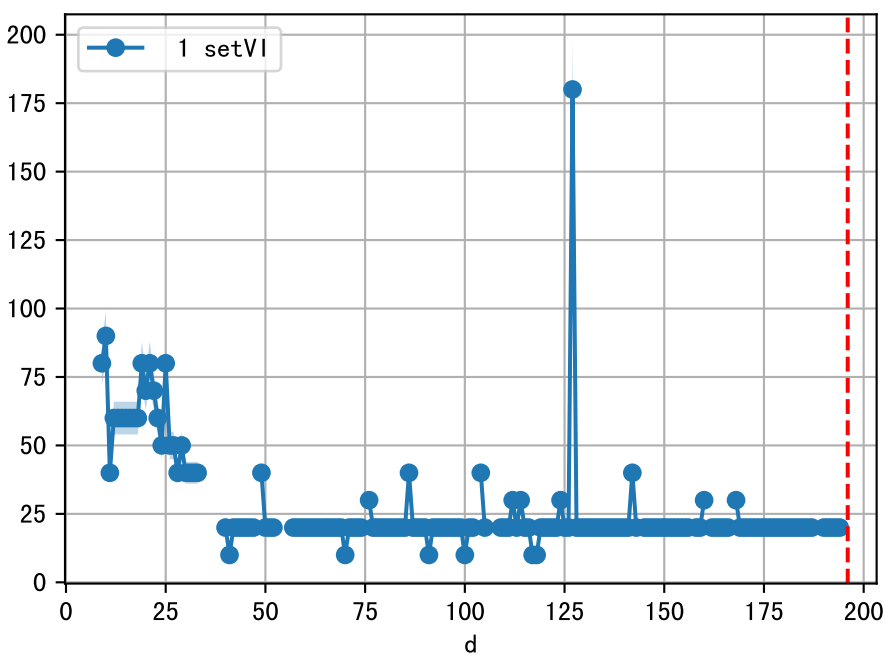

2 OIR
d

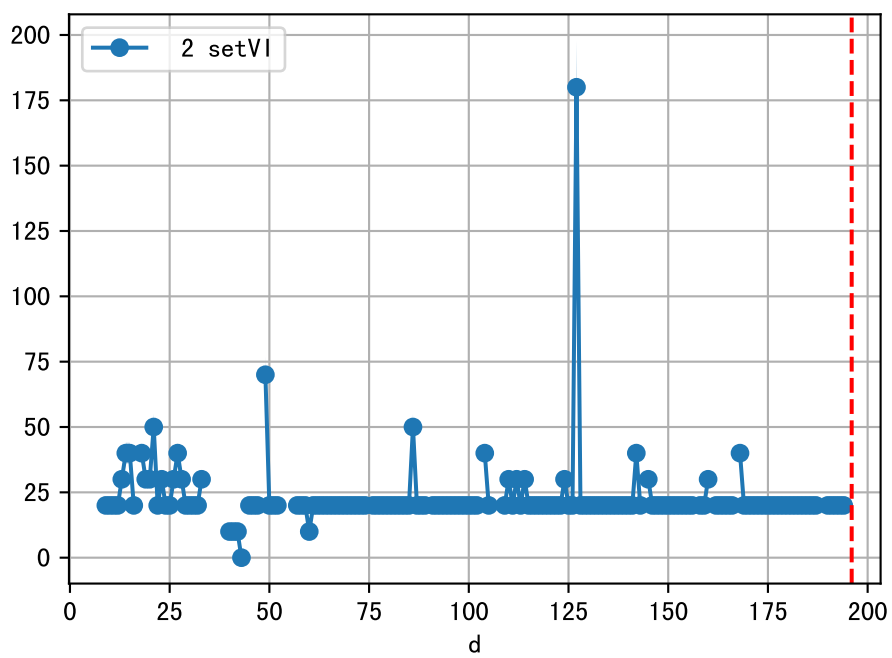

1 VI vs Du
DU

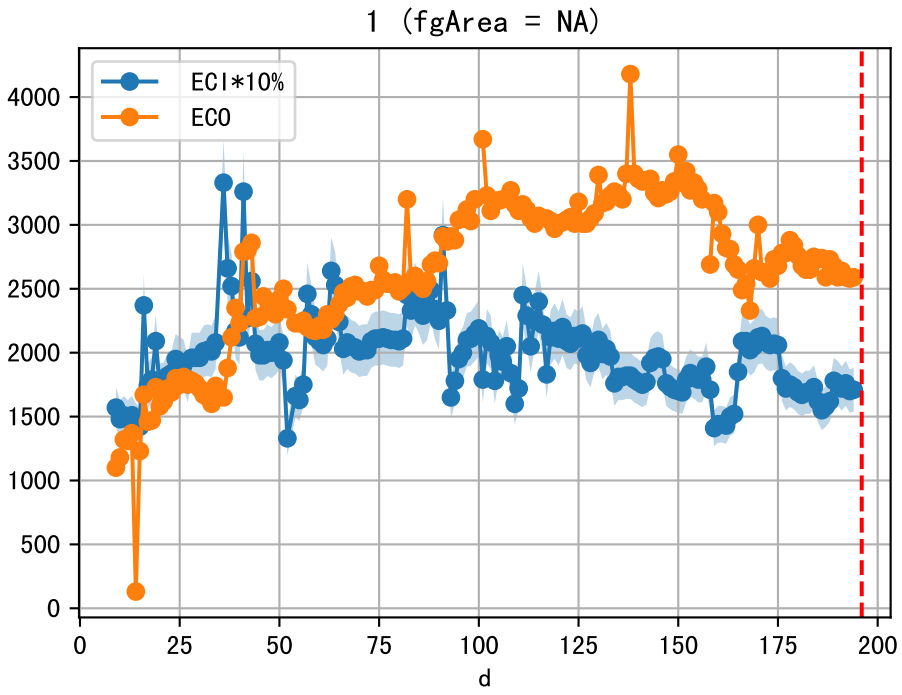

2 VI vs Du
DU

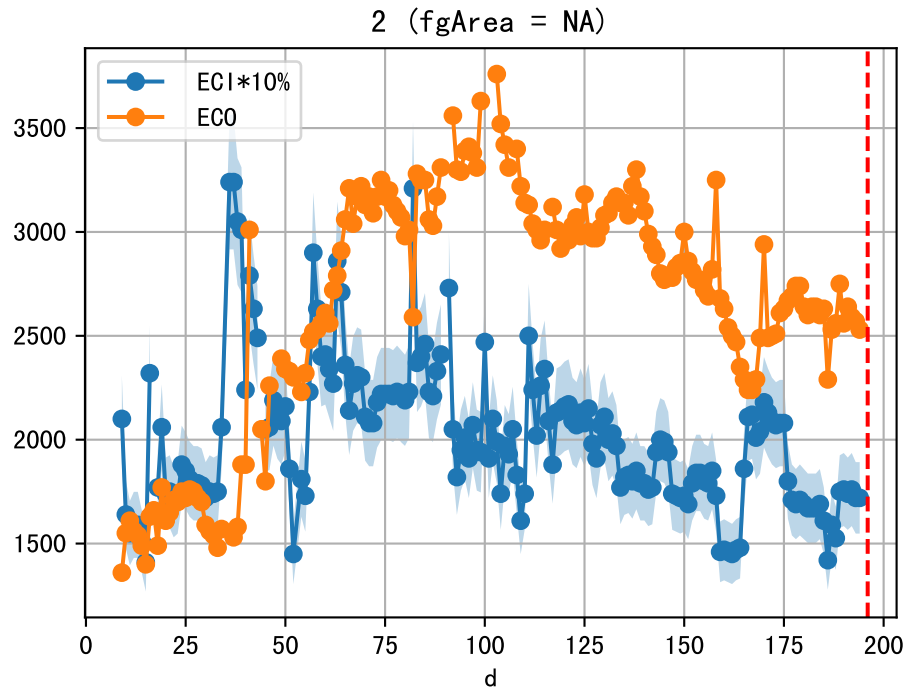

1 FR
d

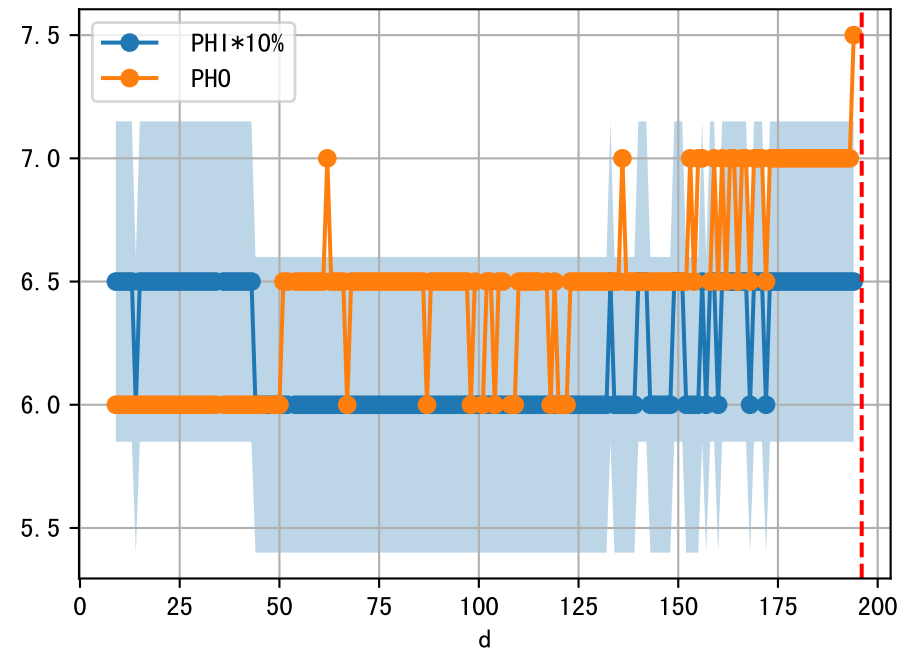

2 FR
d

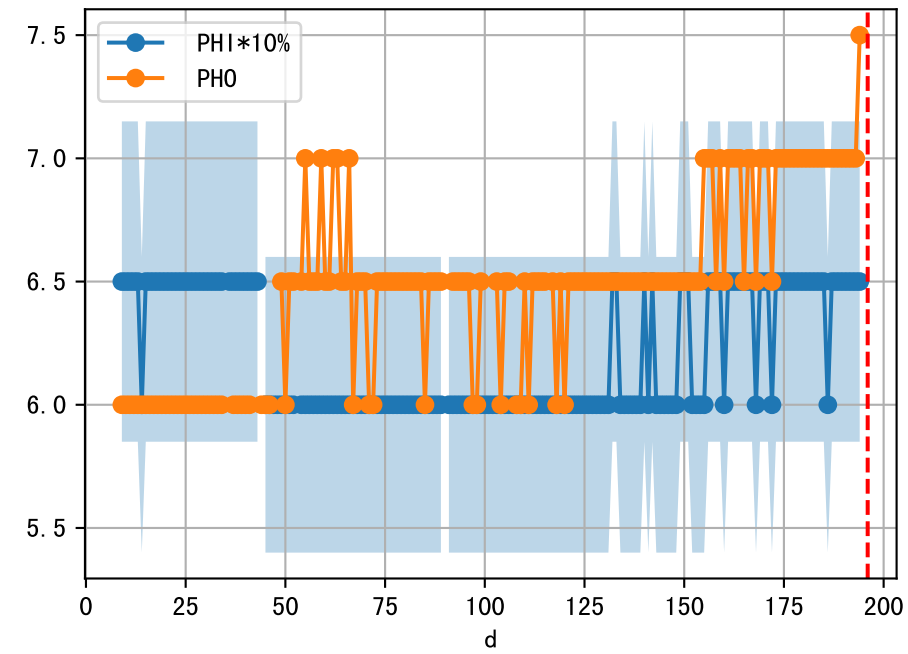

1 setVI
d

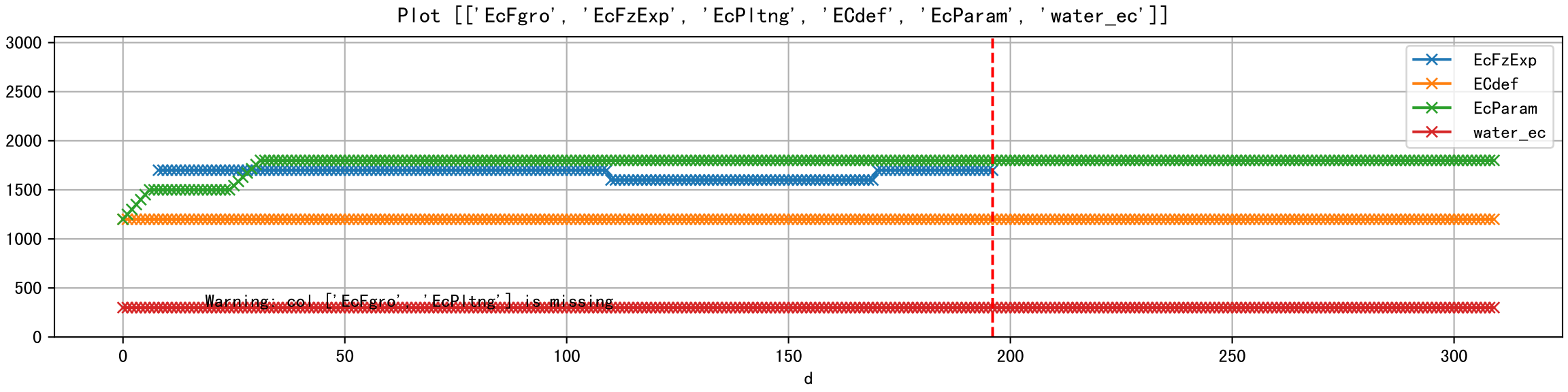

2 setVI
d

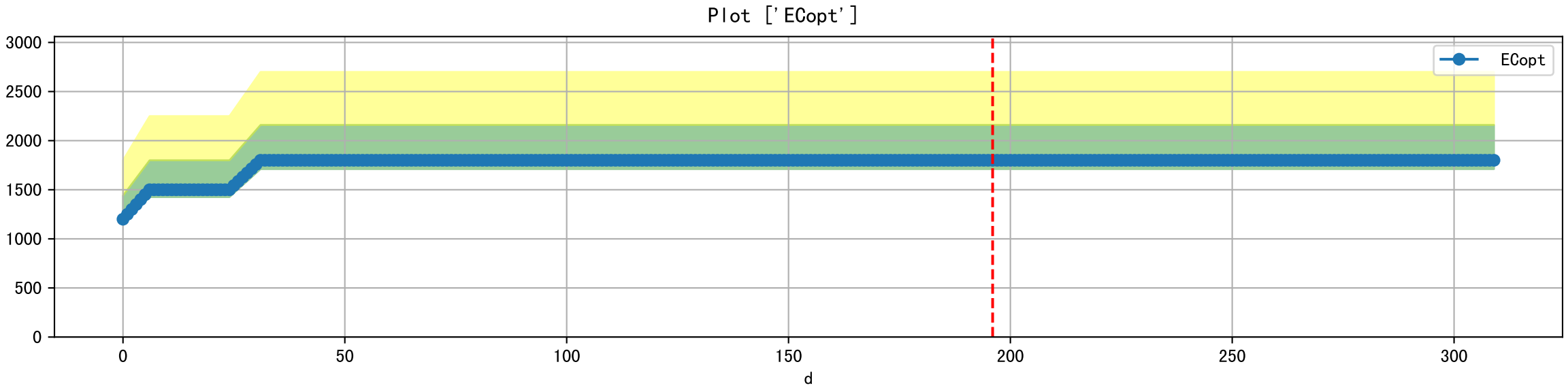

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
0
25
50
75
100
125
150
175
200
d

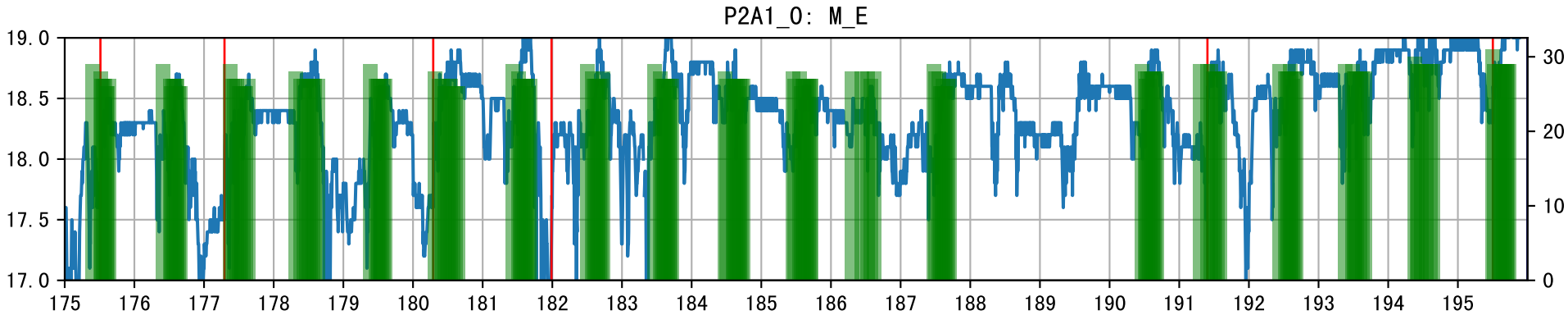

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d


PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d

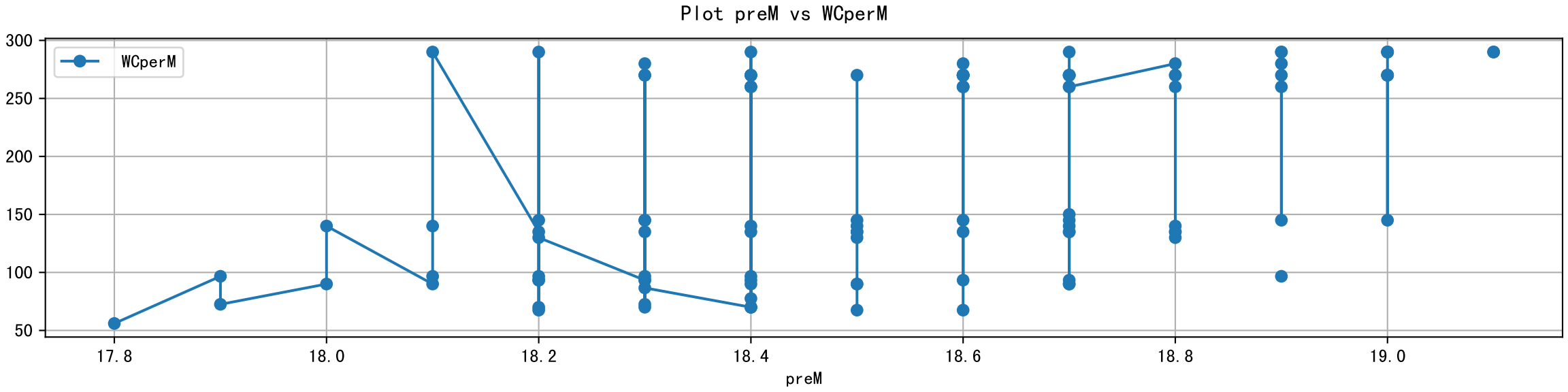

PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d

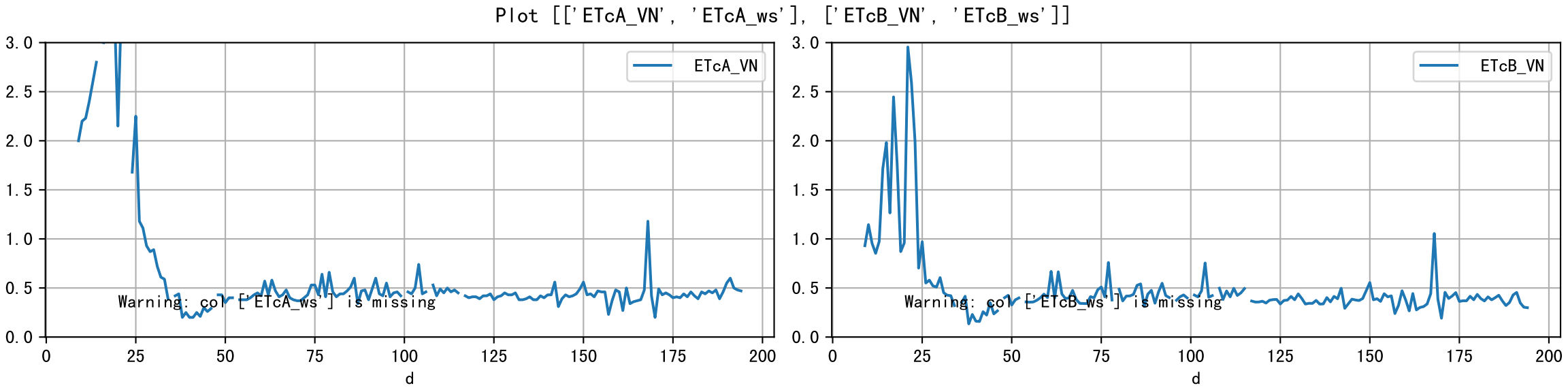

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

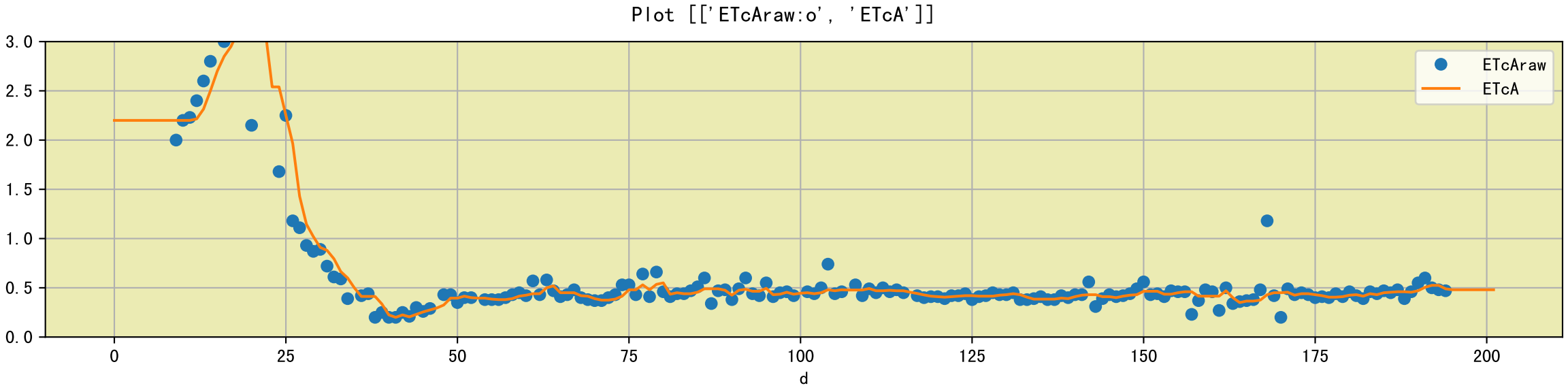

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

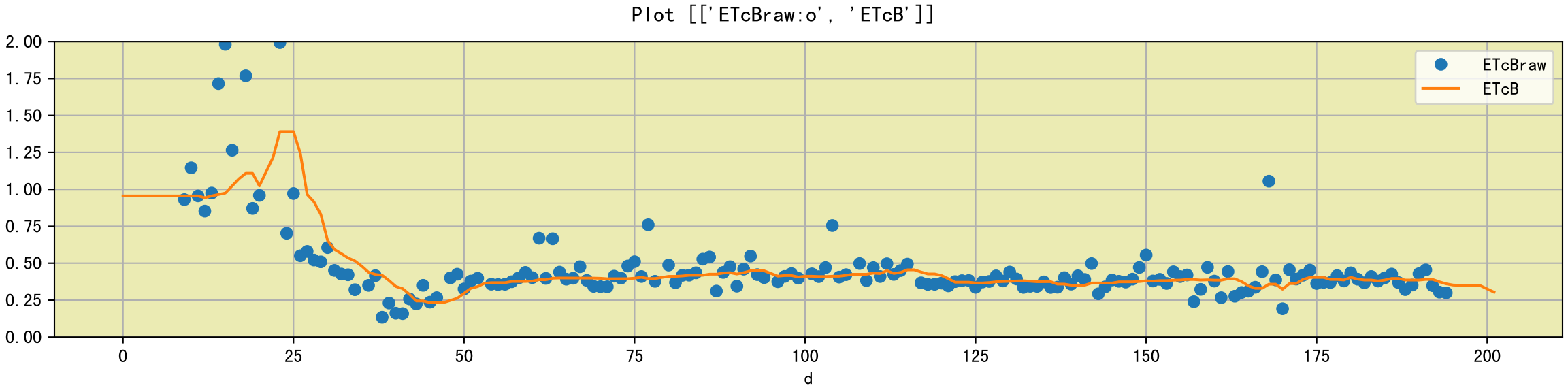

P2A1_0: M_E
19.0
18.5
18.0
17.5
17.0
30
20
10
0
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195

Plot Sensor and FgRec Data

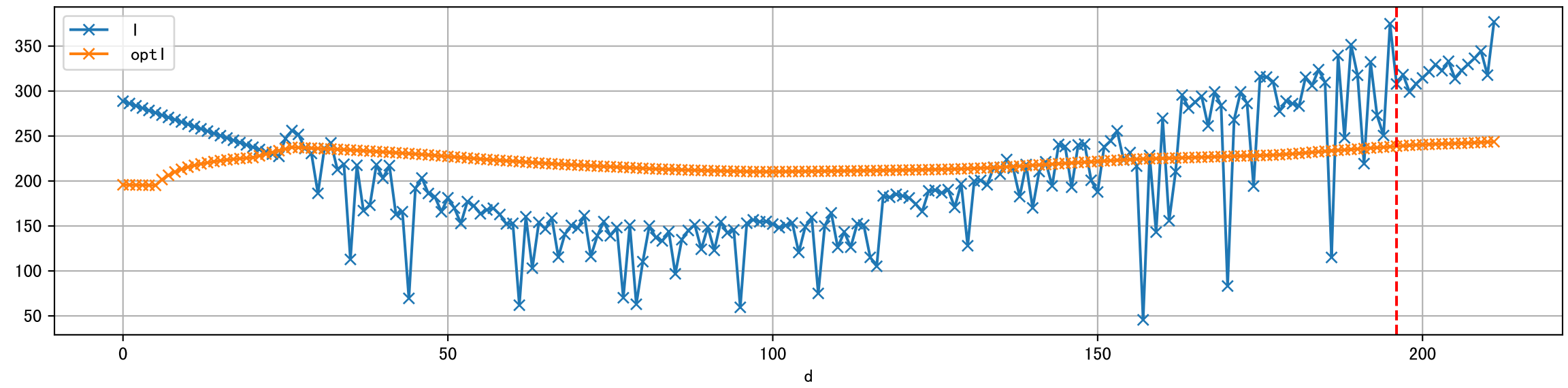

Plot preM vs WCperM
WCperM
300
250
200
150
100
50
17.8
18.0
18.2
18.4
18.6
18.8
19.0
preM

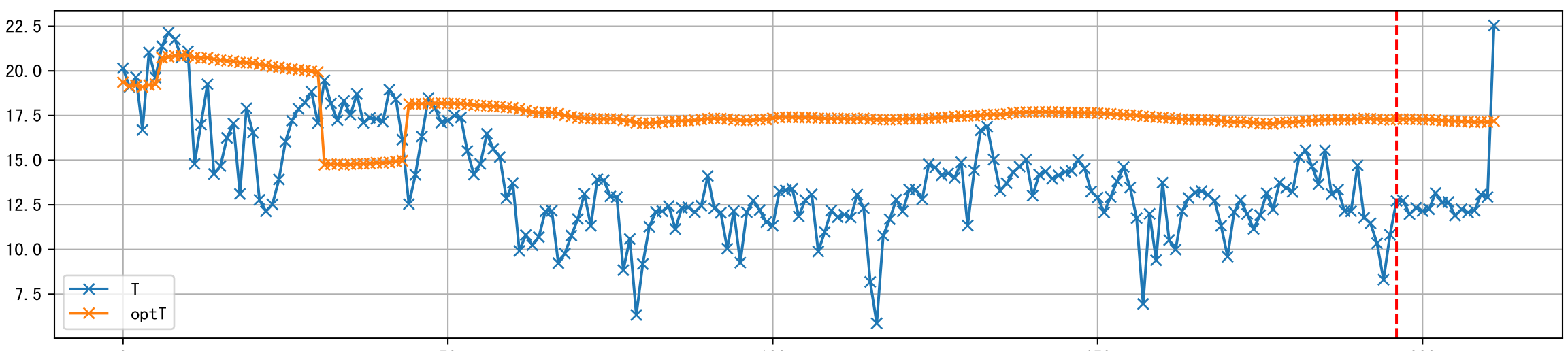

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

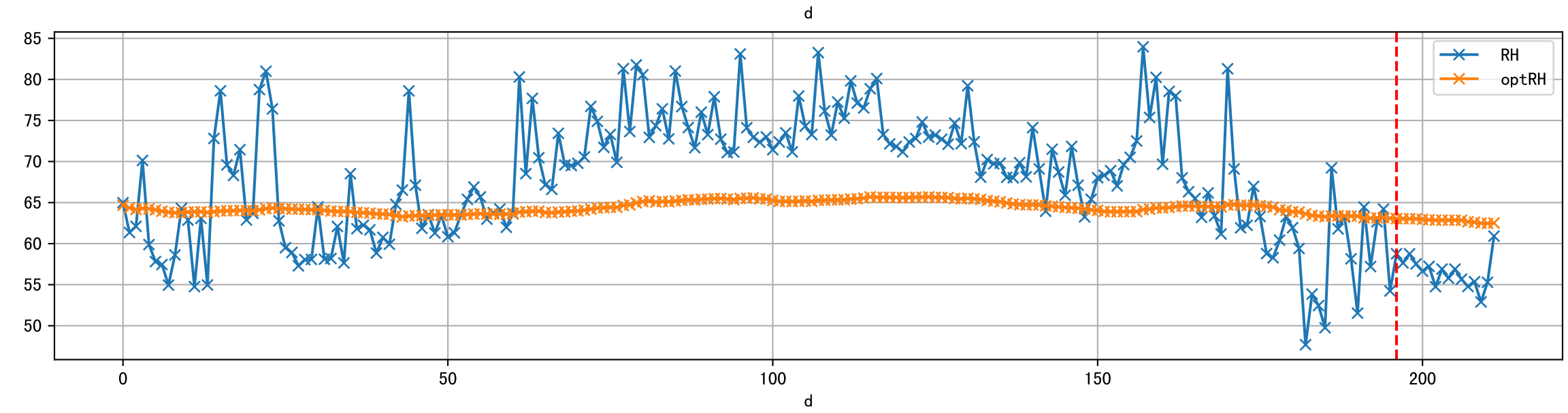

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
200
d
ETcAraw
ETcA

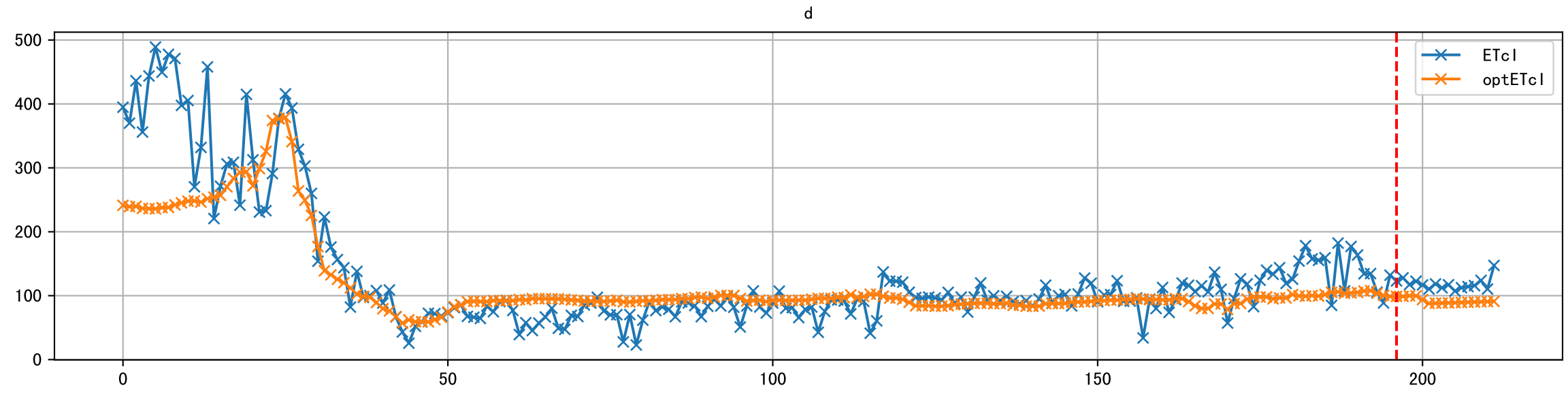

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
200
d

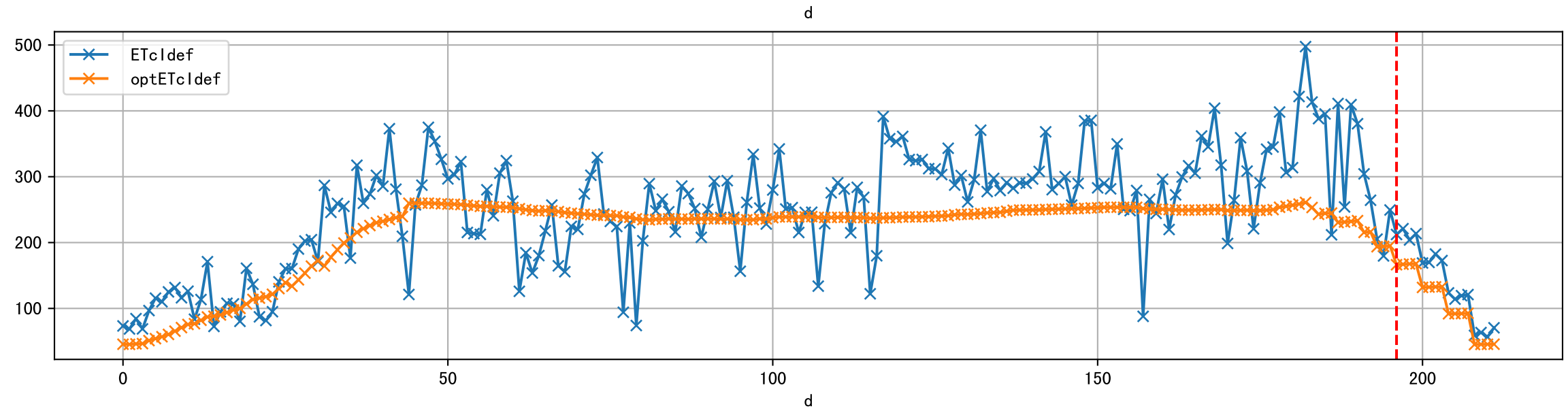
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

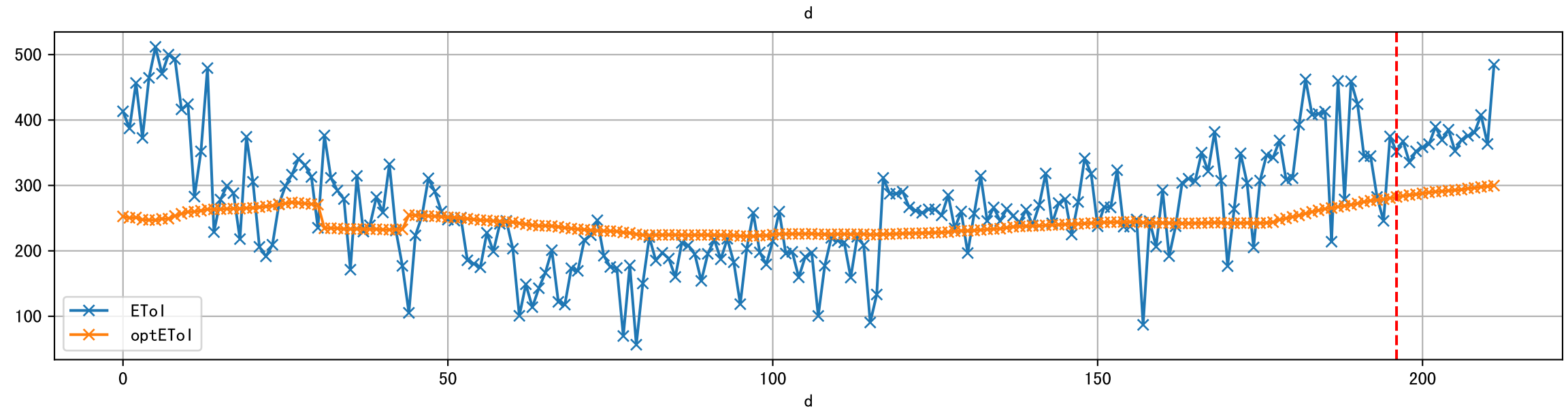


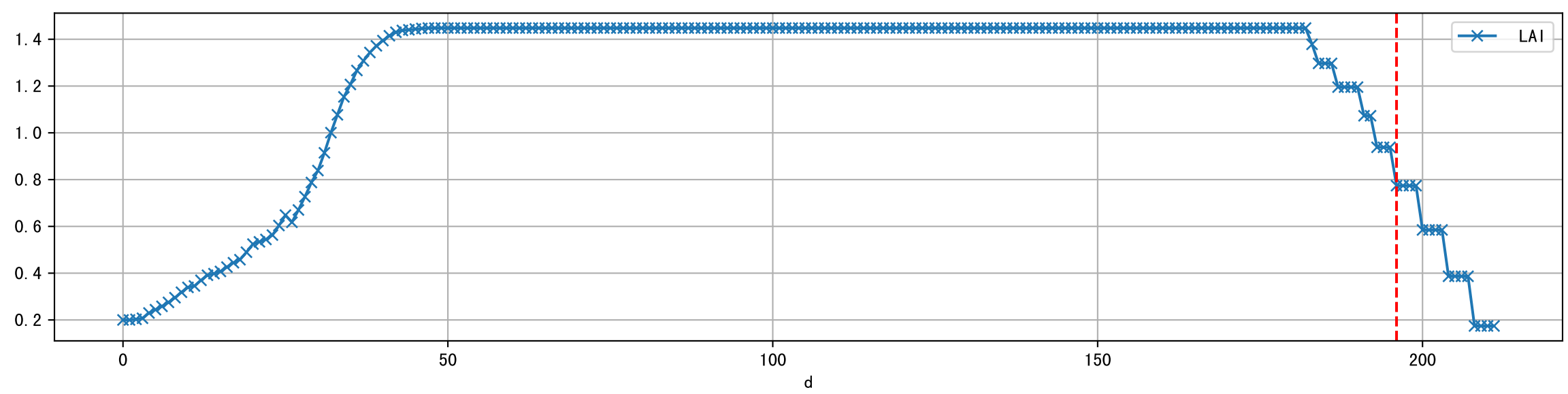


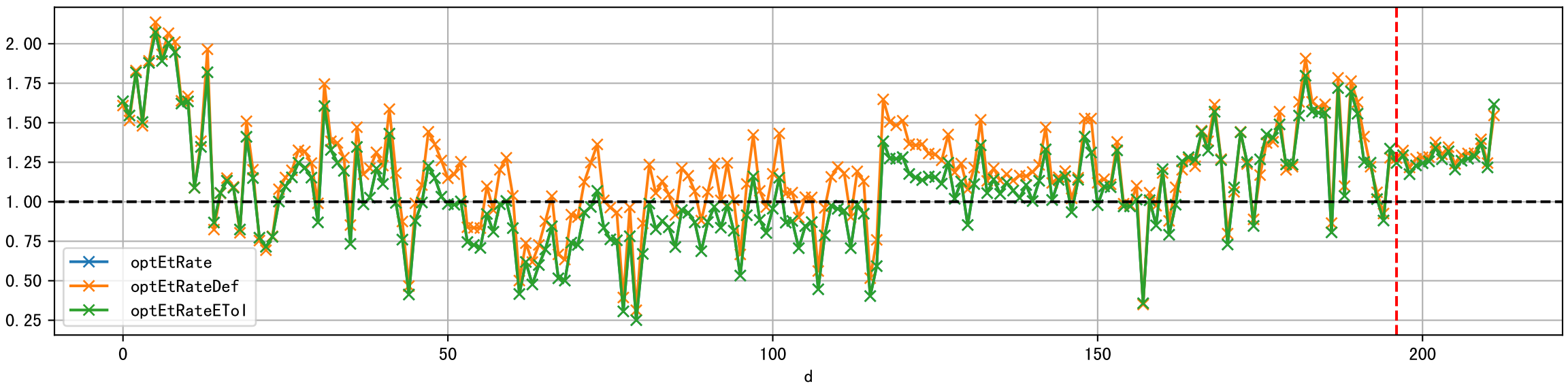


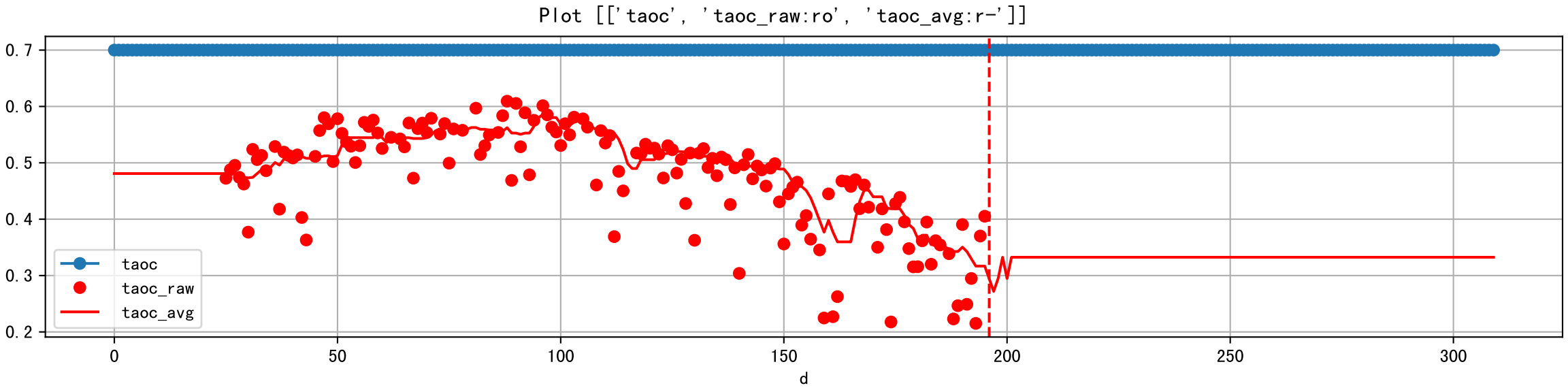


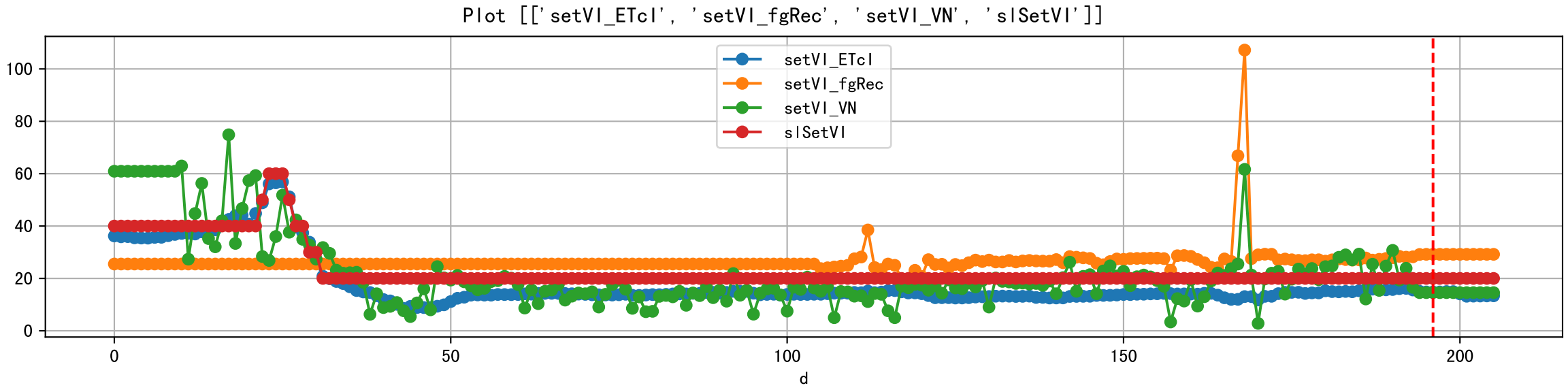


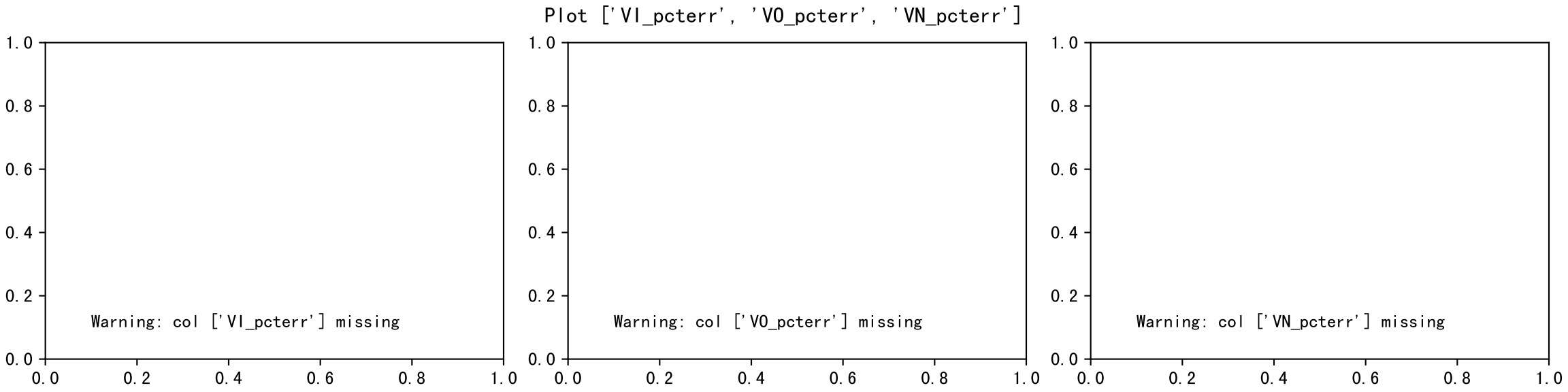


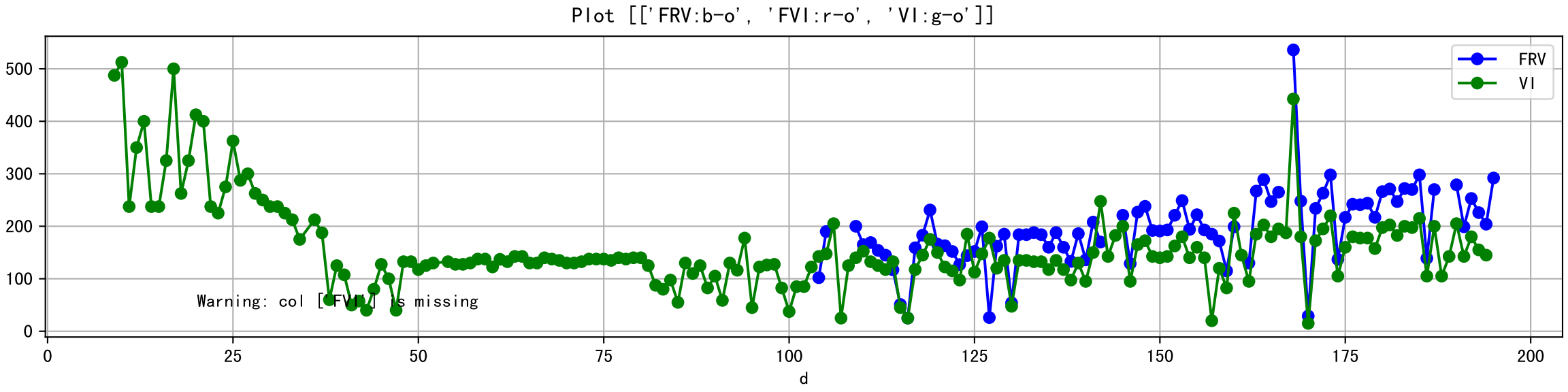


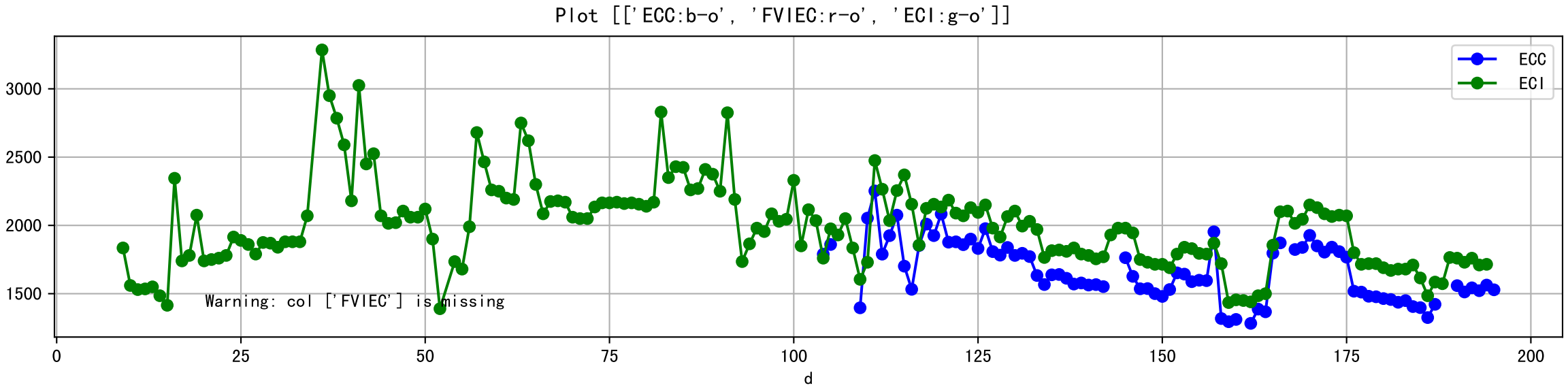


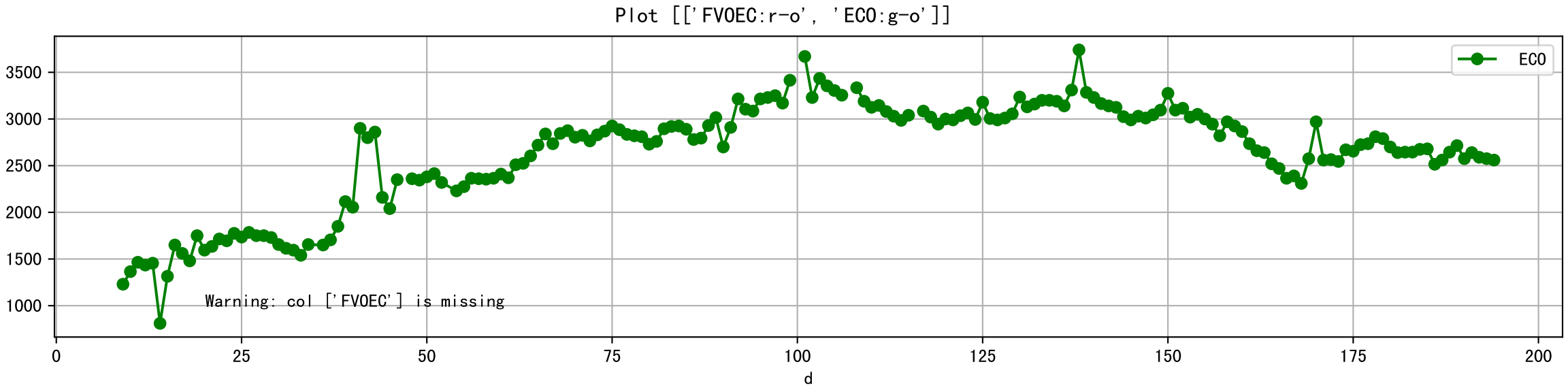

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

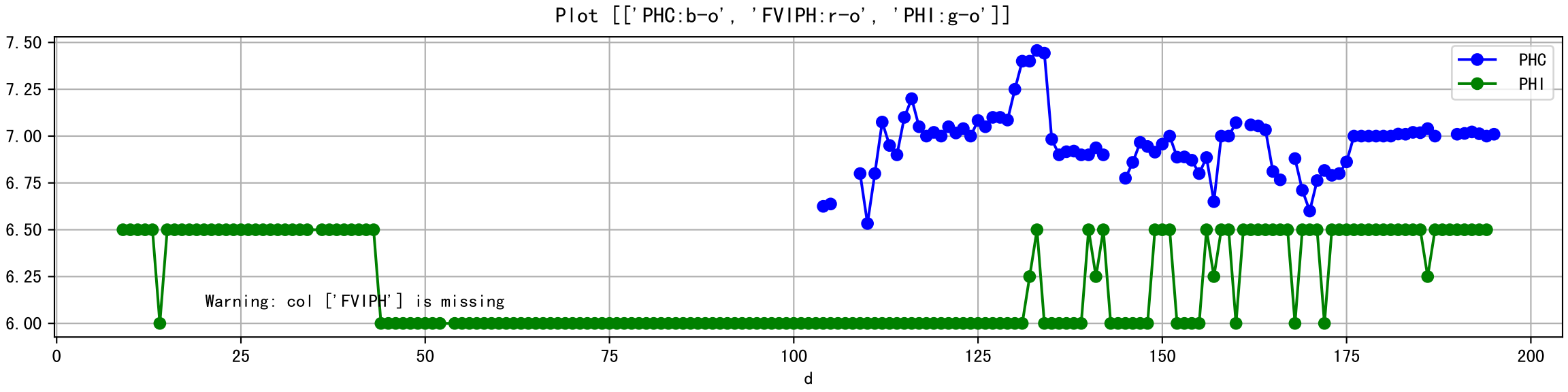

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
100
80
60
40
20
0
0
50
100
150
200
d

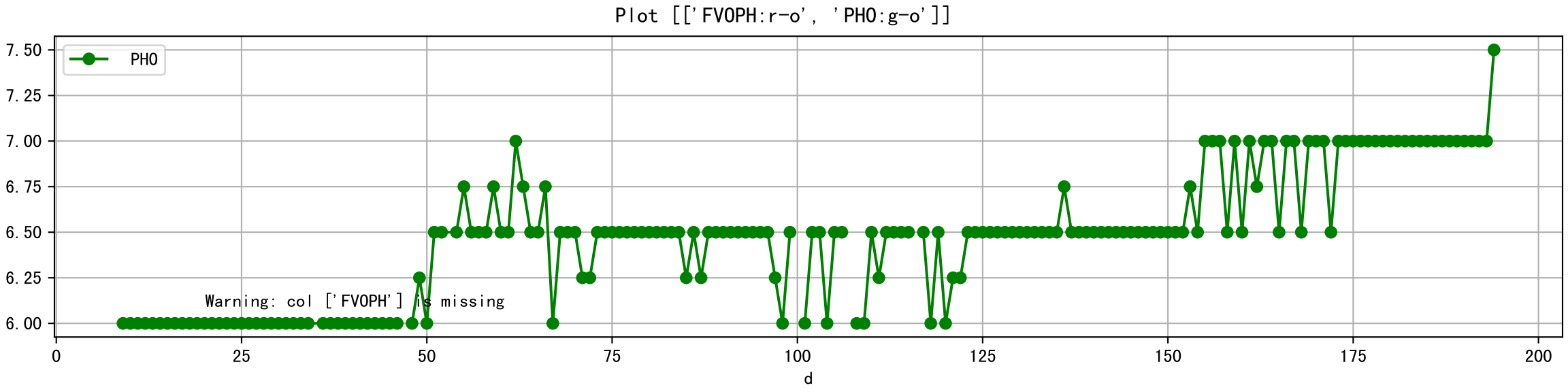

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

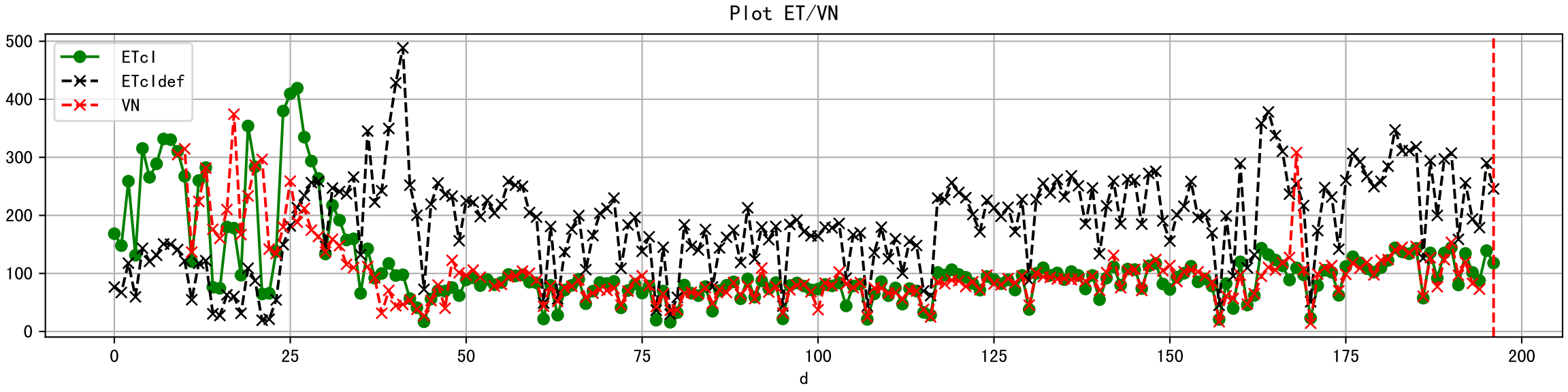

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col [FVI] is missing
0
100
200
300
400
500
0
25
50
75
100
125
150
175
200
d


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

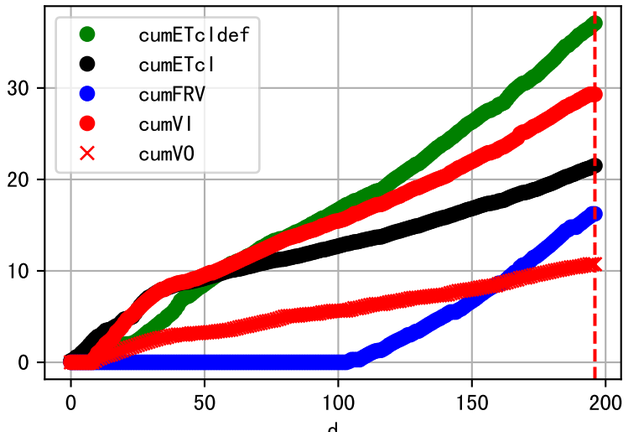

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

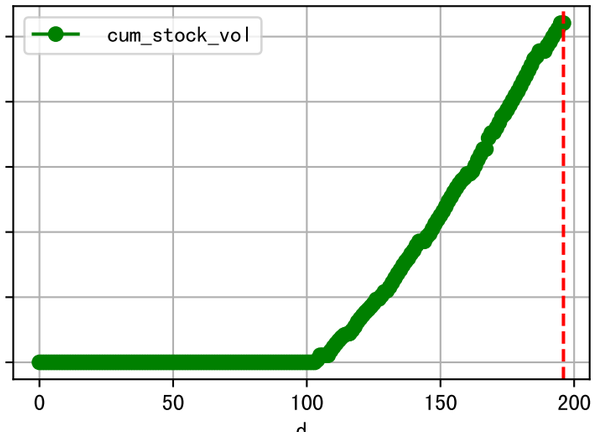

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d
PHC
PHI
Warning: col ['FVIPH'] is missing

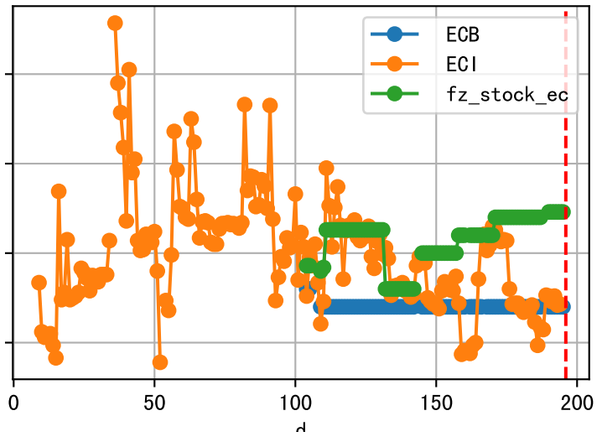

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

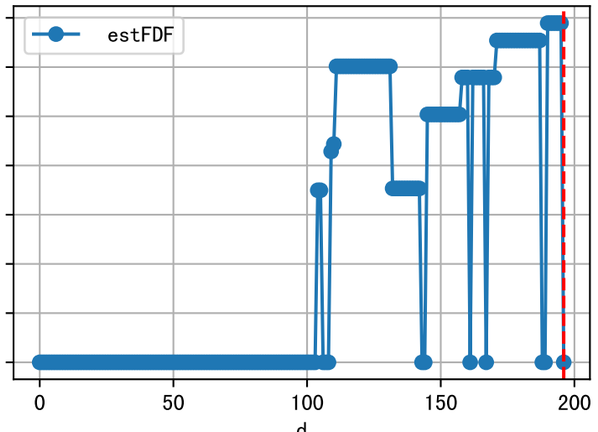

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
200
d

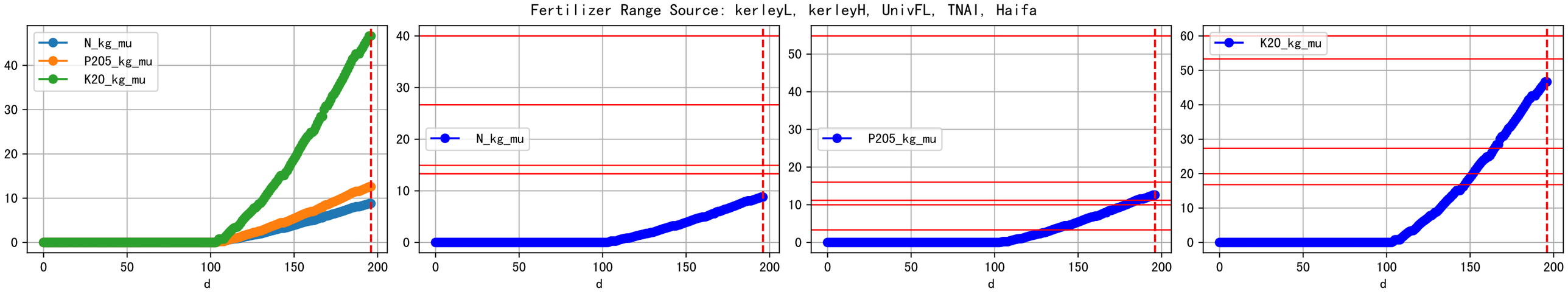
Plot Fv and fertilizer usage

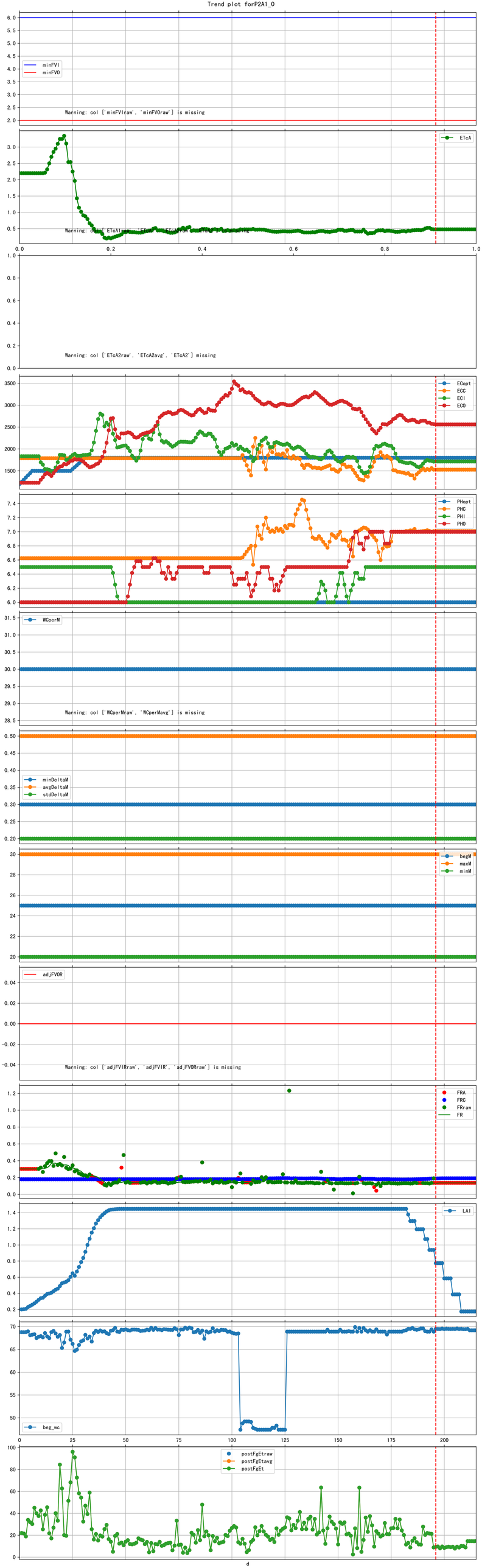


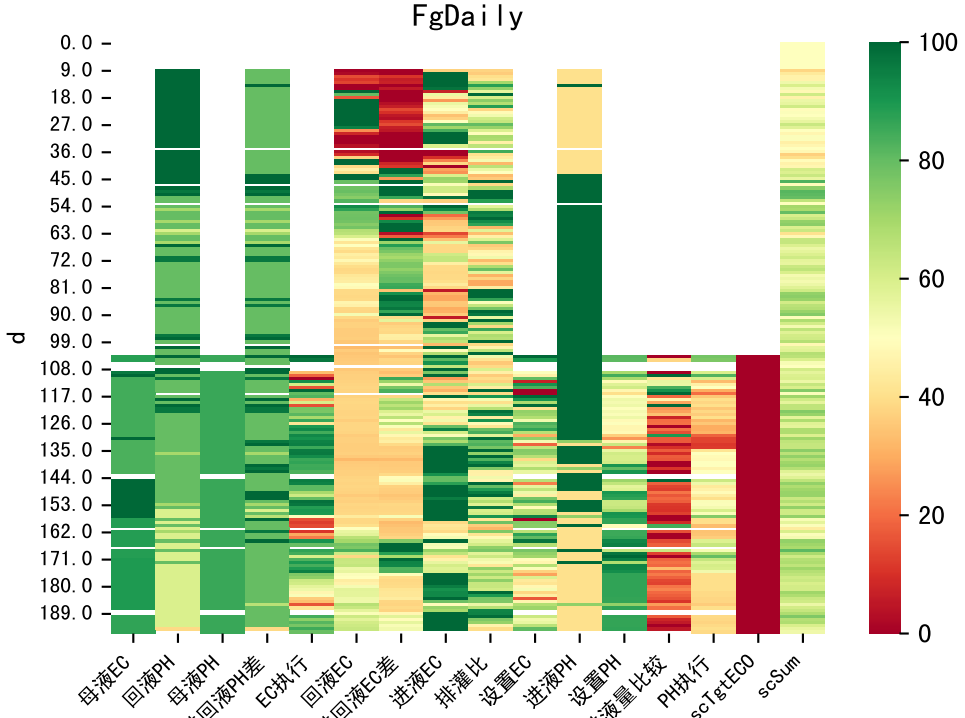




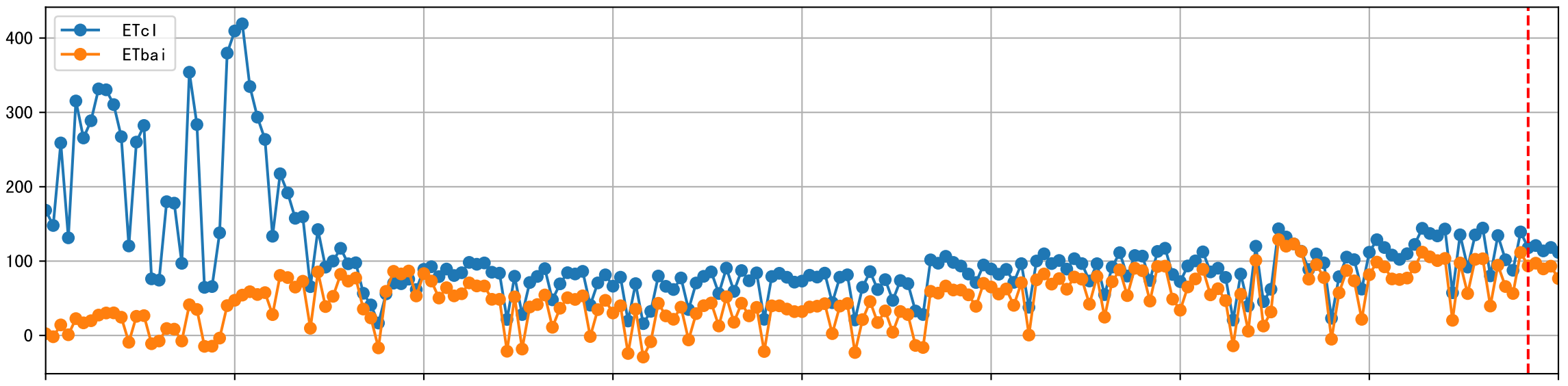


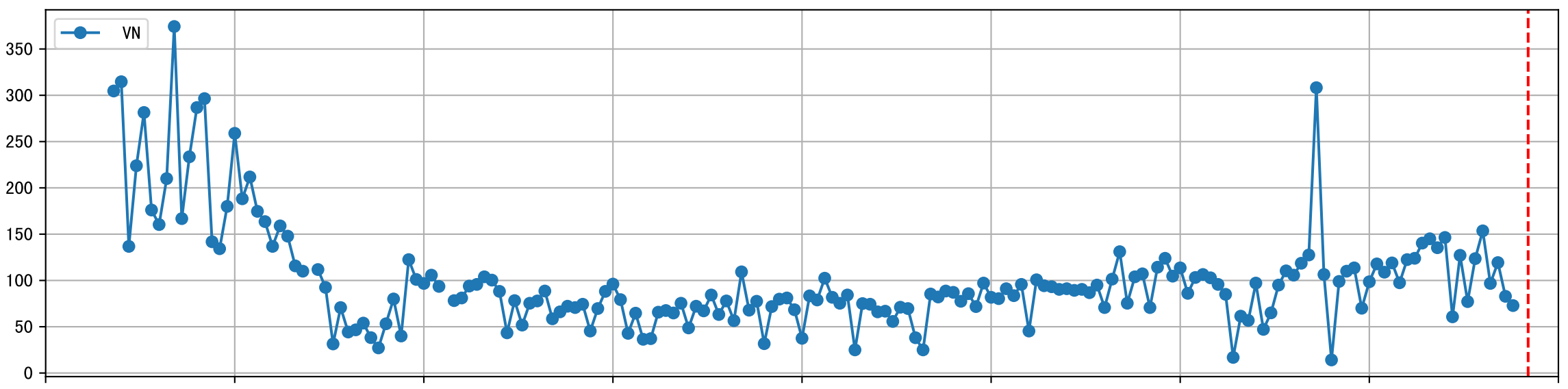

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

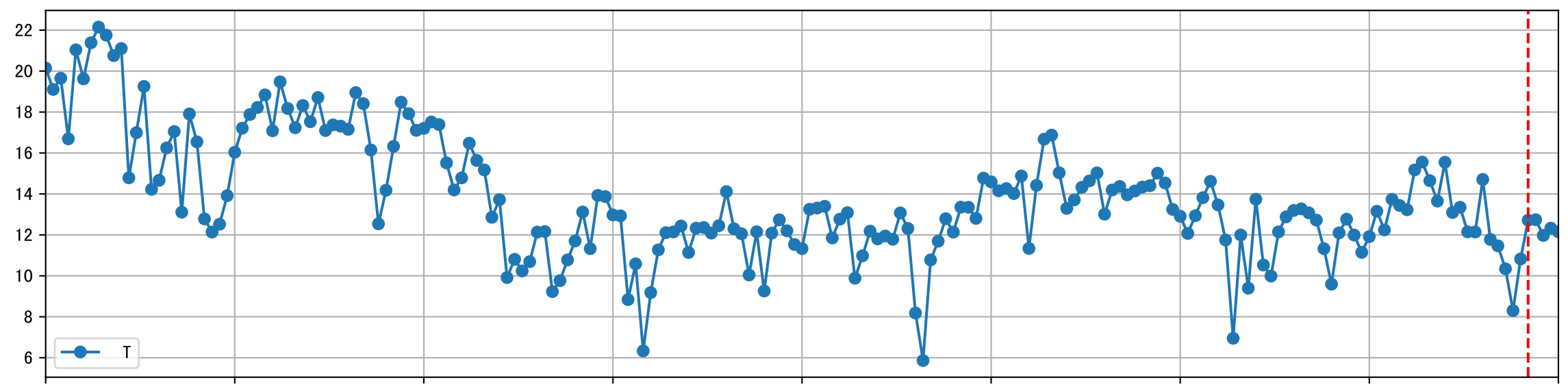

Trend plot forP2A1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1avg', 'ETcA1'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

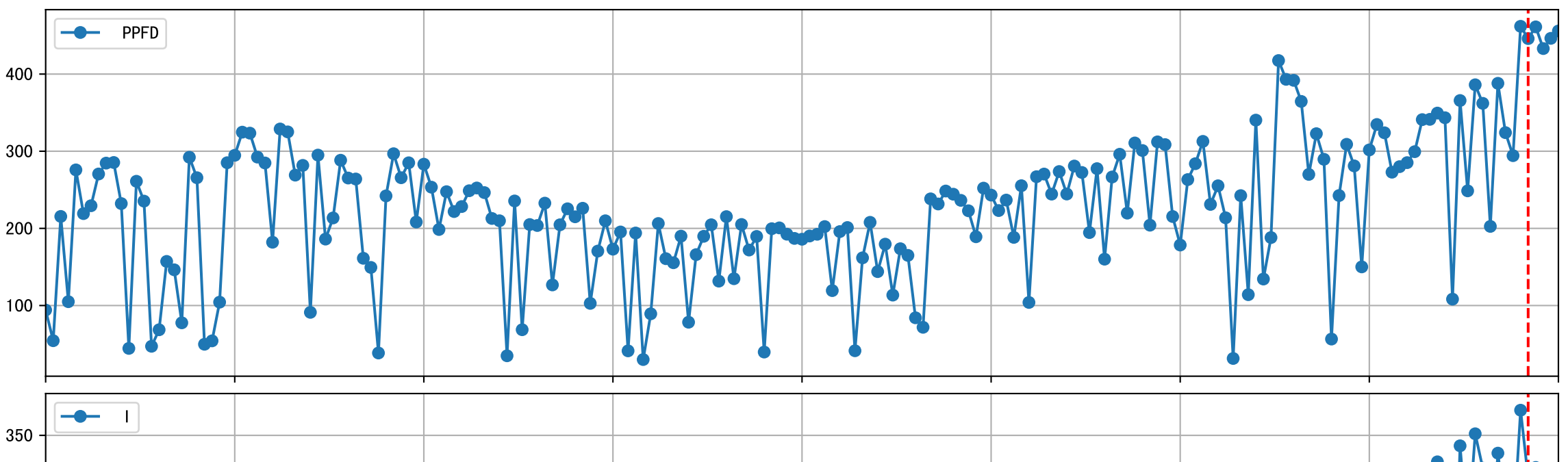

FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
189.0
100
80
60
40
20
0
母液EC
回液PH
母液PH
回液PH差
EC执行
回液EC
回液EC差
进液EC
排灌比
设置EC
进液PH
设置PH
液量比较
PH执行
scTgtEC0
scSum

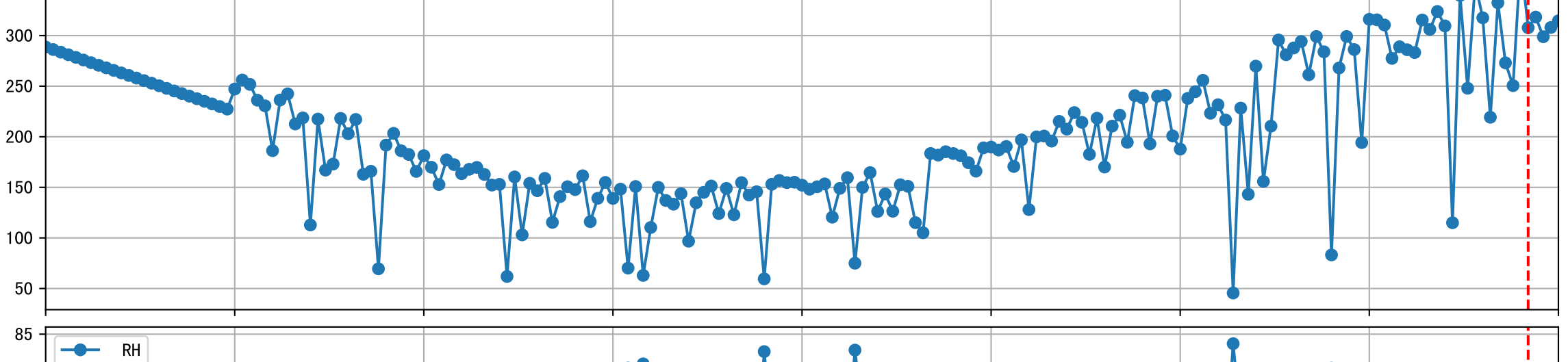
P2A1_0

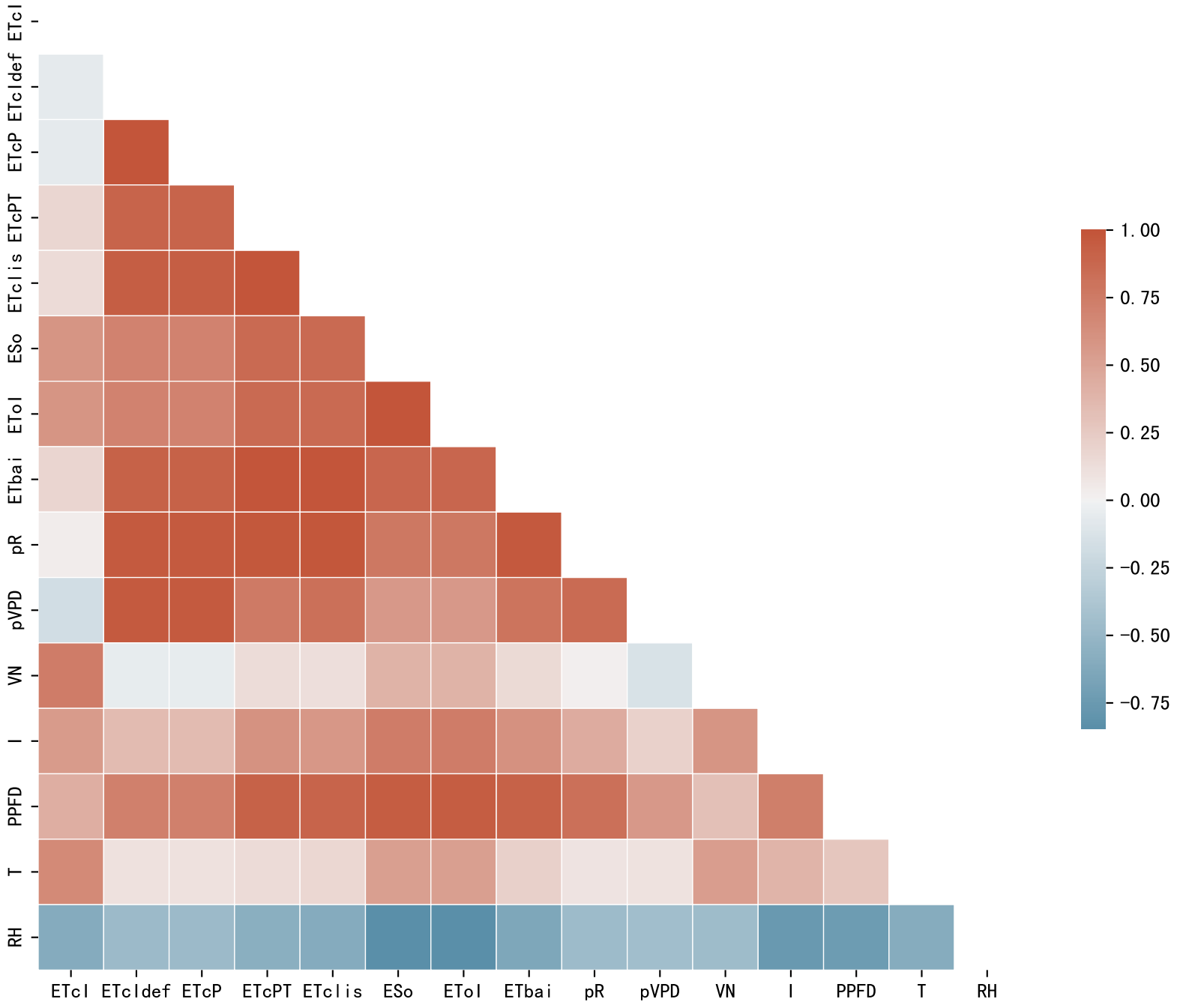


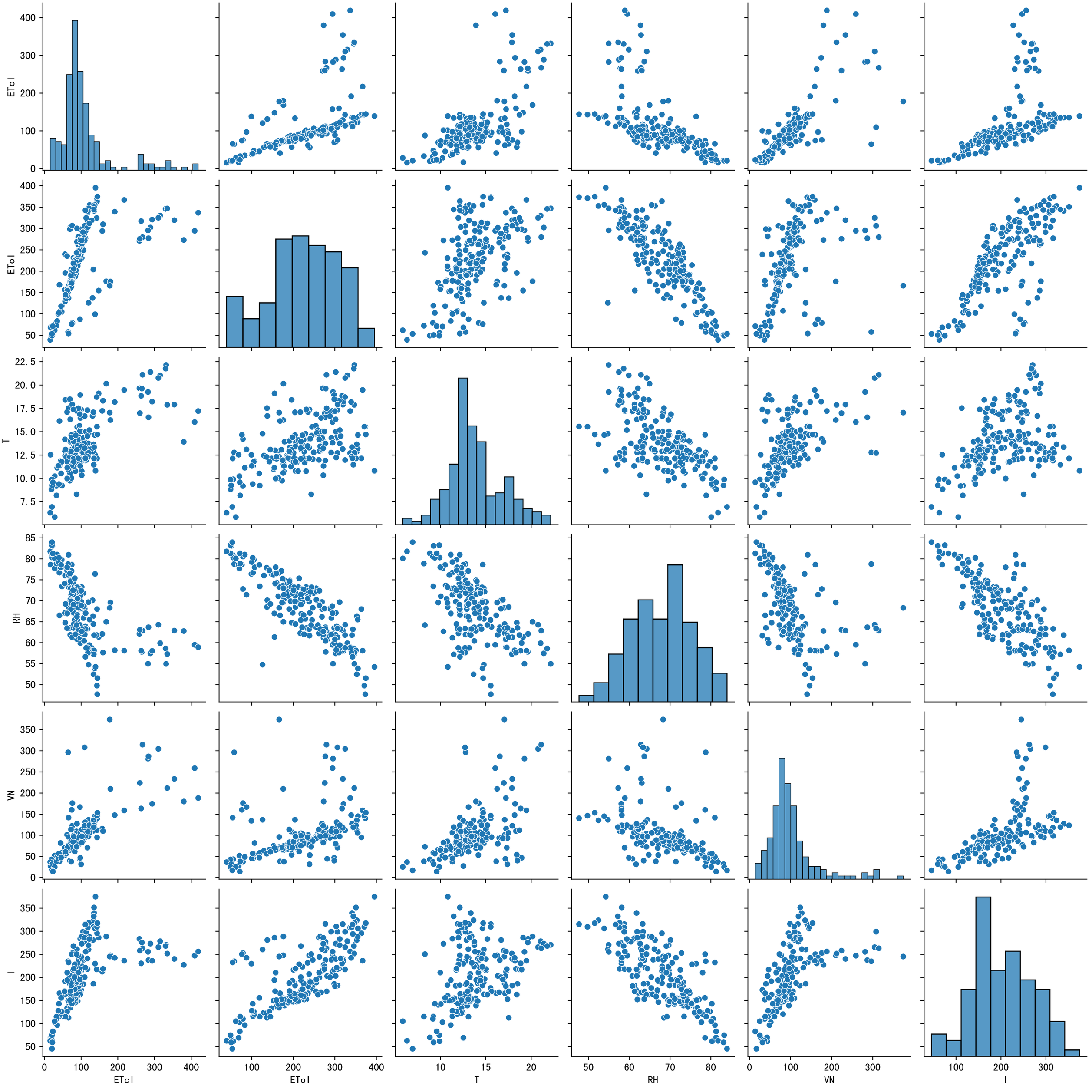


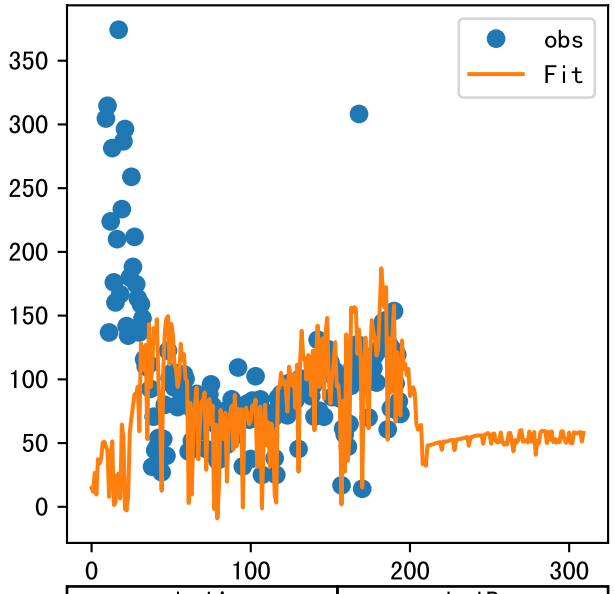


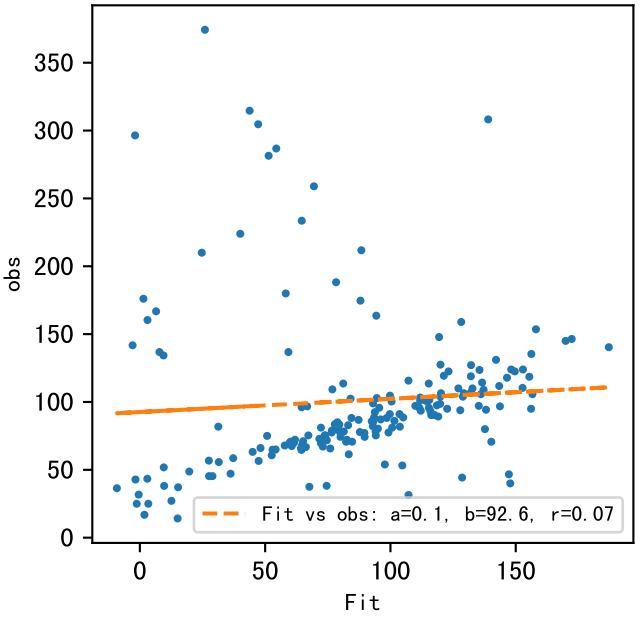




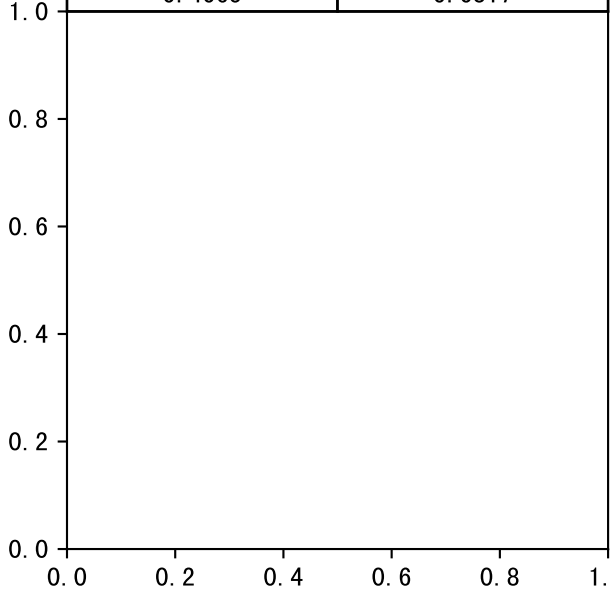

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

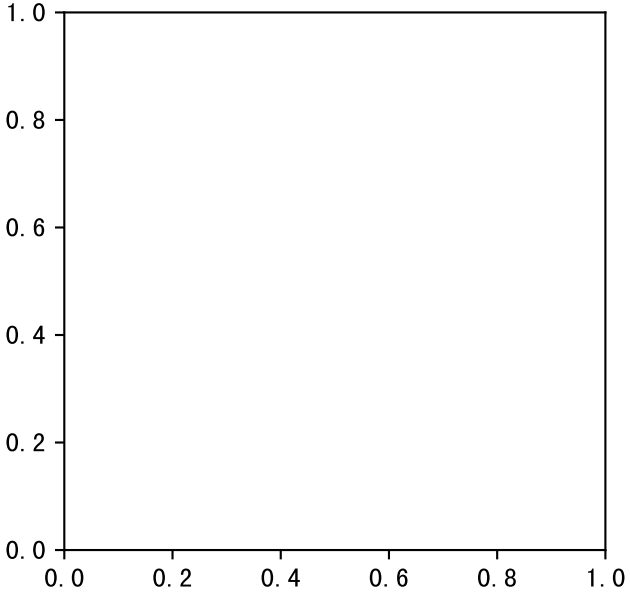

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

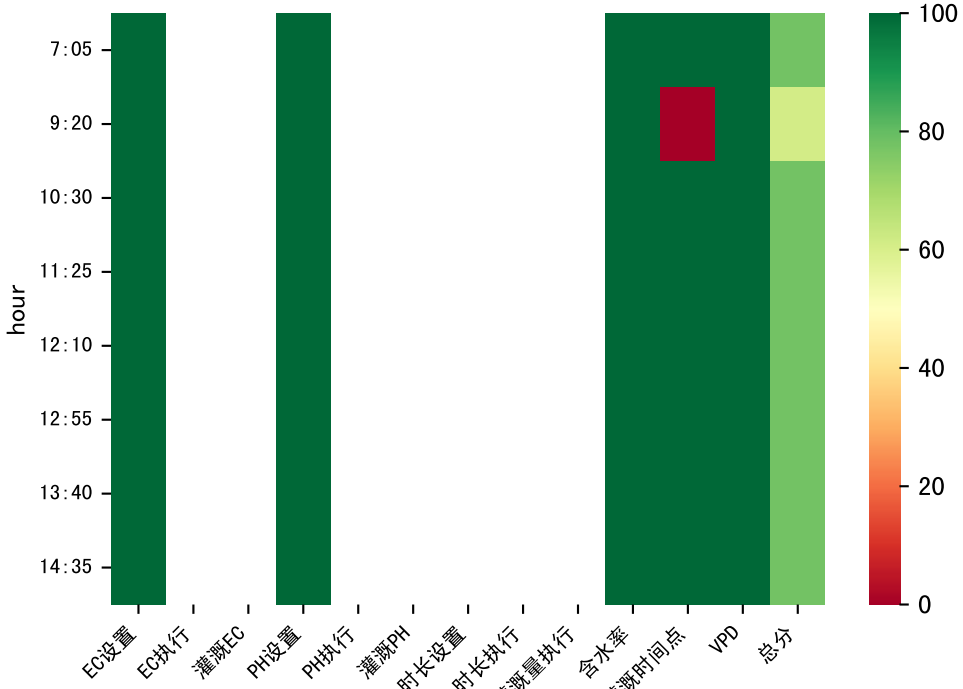




baiA	baiB
0.4065	0.0317

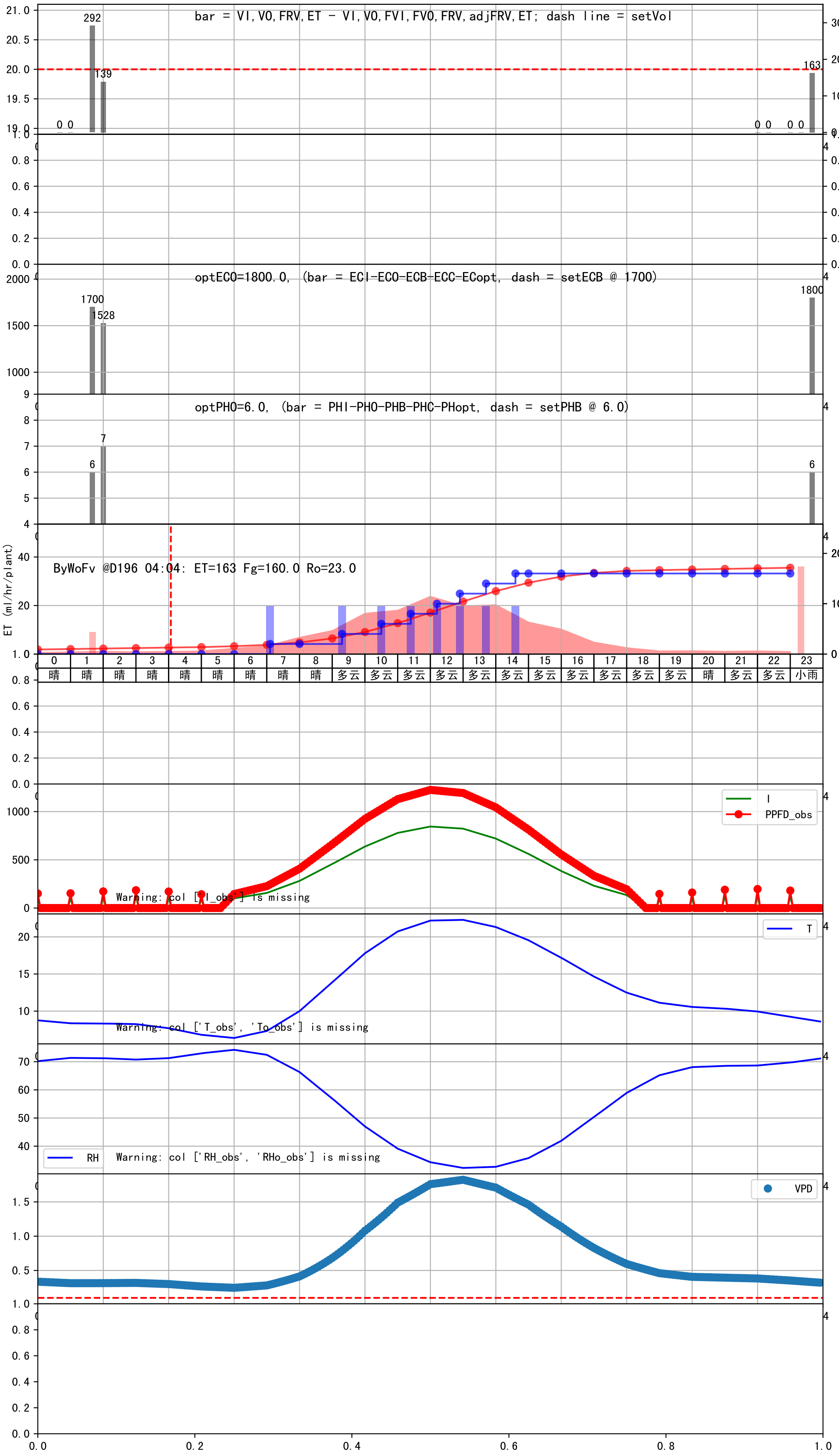


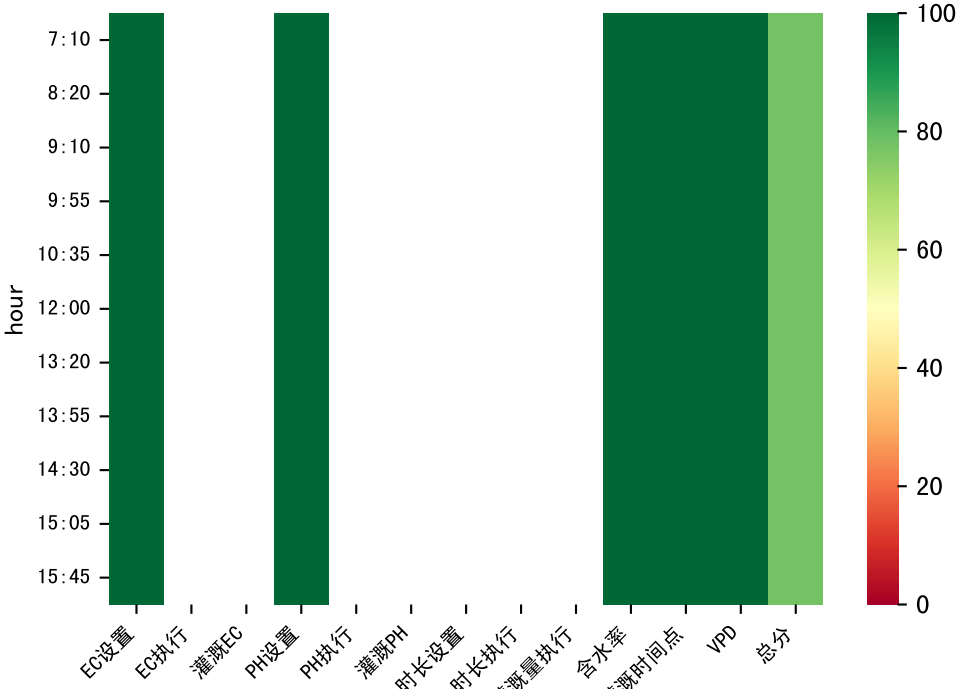



hour
7:05
9:20
10:30
11:25
12:10
12:55
13:40
14:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	154	20.0	0.441	晴	预期@07:05 自主（未用传感器）
09:20	154	20.0	0.441	多云	预期@09:20 自主（未用传感器）
10:30	154	20.0	0.441	多云	预期@10:30 自主（未用传感器）
11:25	154	20.0	0.441	多云	预期@11:25 自主（未用传感器）
12:10	154	20.0	0.441	多云	预期@12:10 自主（未用传感器）
12:55	154	20.0	0.441	多云	预期@12:55 自主（未用传感器）
13:40	154	20.0	0.441	多云	预期@13:40 自主（未用传感器）
14:35	154	20.0	0.441	多云	预期@14:35 自主（未用传感器）
总计	1232.0 (8次)	160.0			建议进液EC：1700， PH：6.0

P2A1_0, Day=196 (2026-04-08)

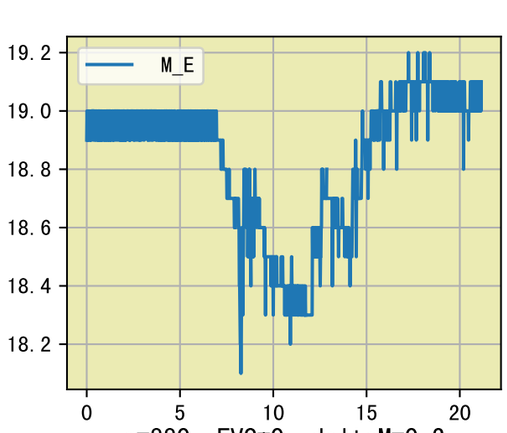


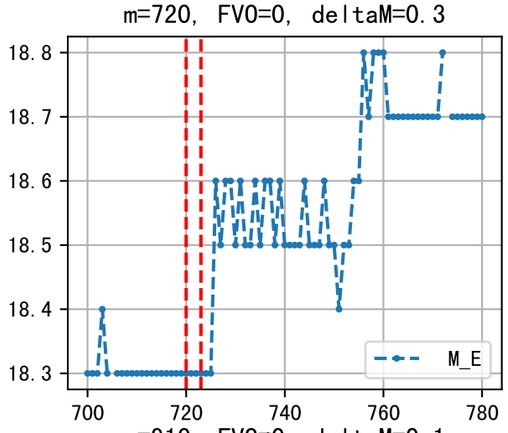

hour
7:10
8:20
9:10
9:55
10:35
12:00
13:20
13:55
14:30
15:05
15:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

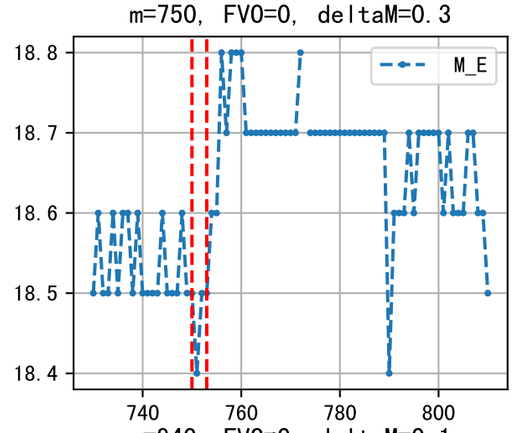
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	154	20.0	0.441	晴	假设@07:10 自动（未用传感器）
08:20	154	20.0	0.441	晴	假设@08:20 自动（未用传感器）
09:10	154	20.0	0.441	晴	假设@09:10 自动（未用传感器）
09:55	154	20.0	0.441	晴	假设@09:55 自动（未用传感器）
10:35	154	20.0	0.441	晴	假设@10:35 自动（未用传感器）
12:00	154	20.0	0.441	晴	假设@12:00 自动（未用传感器）
13:20	154	20.0	0.441	晴	假设@13:20 自动（未用传感器）
13:55	154	20.0	0.441	晴	假设@13:55 自动（未用传感器）
14:30	154	20.0	0.441	阴	假设@14:30 自动（未用传感器）
15:05	154	20.0	0.441	晴	假设@15:05 自动（未用传感器）
15:45	154	20.0	0.441	晴	假设@15:45 自动（未用传感器）
总计	1694.0 (11次)	220.0			建议进液EC：1700， PH：6.0

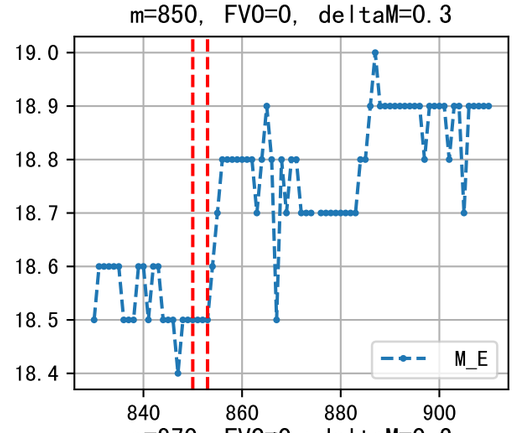
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (29.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

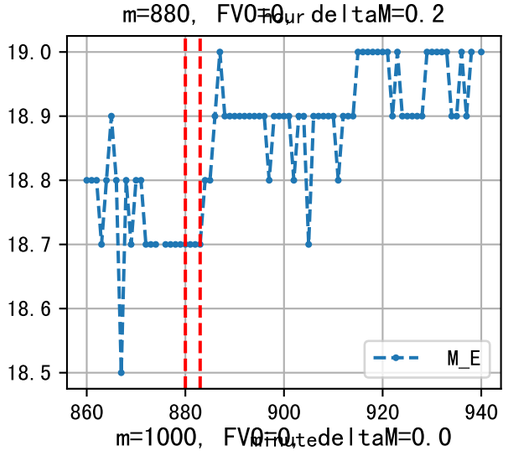
P2A1_0, Day=195.0 (2026-04-07)

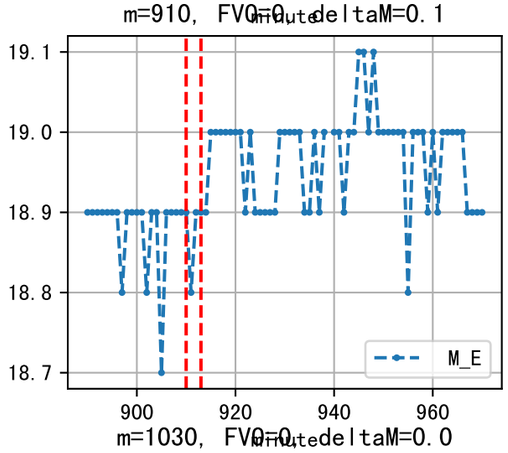

M_E
19.2
19.0
18.8
18.6
18.4
18.2
0
5
10
15
20

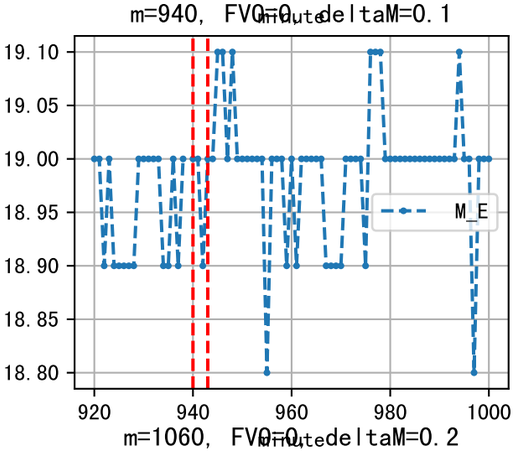

m=720, FV0=0, deltaM=0.3
M_E
18.8
18.7
18.6
18.5
18.4
18.3
700
720
740
760
780

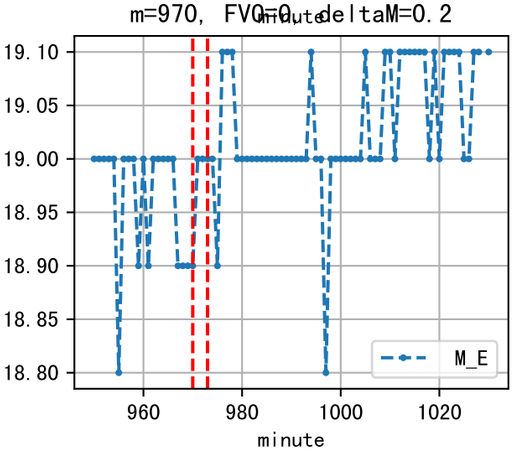

m=750, FV0=0, deltaM=0.3
M_E
18.8
18.7
18.6
18.5
18.4
740
760
780
800

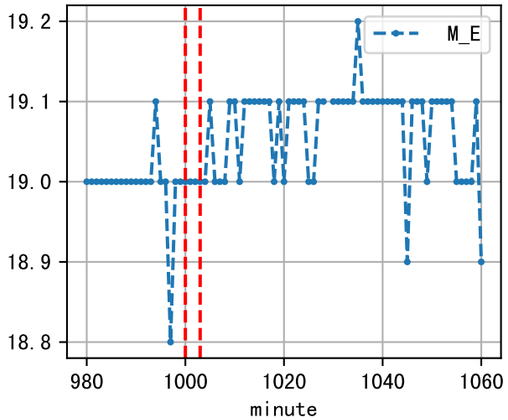

m=850, FV0=0, deltaM=0.3
M_E
19.0
18.9
18.8
18.7
18.6
18.5
18.4
840
860
880
900

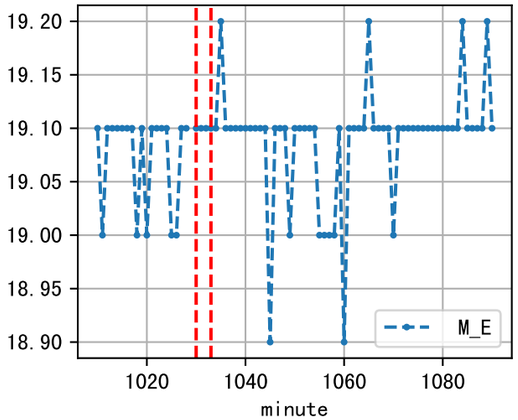

m=880, FV0=0, deltaM=0.2
M_E
19.0
18.9
18.8
18.7
18.6
18.5
860
880
900
920
940

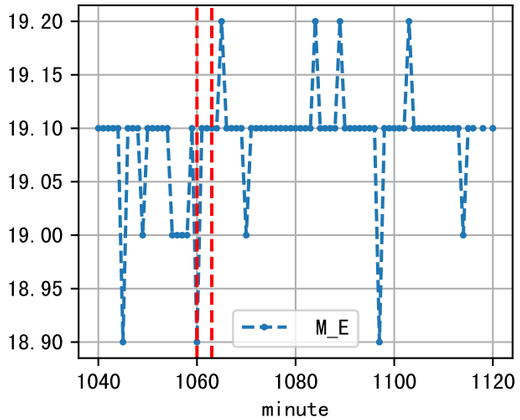

m=910, FV0=0, deltaM=0.1
M_E
19.1
19.0
18.9
18.8
18.7
900
920
940
960

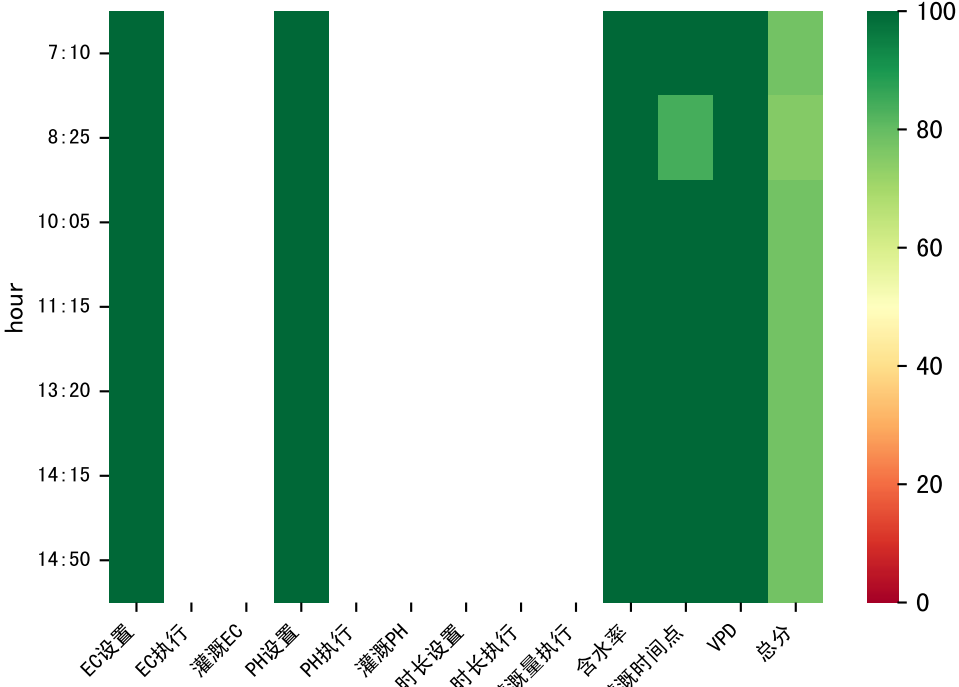

m=940, FV0=0, deltaM=0.1
M_E
19.10
19.05
19.00
18.95
18.90
18.85
18.80
920
940
960
980
1000


m=970, FV0=0, deltaM=0.2
M_E
19.10
19.05
19.00
18.95
18.90
18.85
18.80
960
980
1000
1020
minute


m=1000, FV0=0, deltaM=0.0
M_E
19.2
19.1
19.0
18.9
18.8
980
1000
1020
1040
1060
minute


m=1030, FV0=0, deltaM=0.0
M_E
19.20
19.15
19.10
19.05
19.00
18.95
18.90
1020
1040
1060
1080
minute

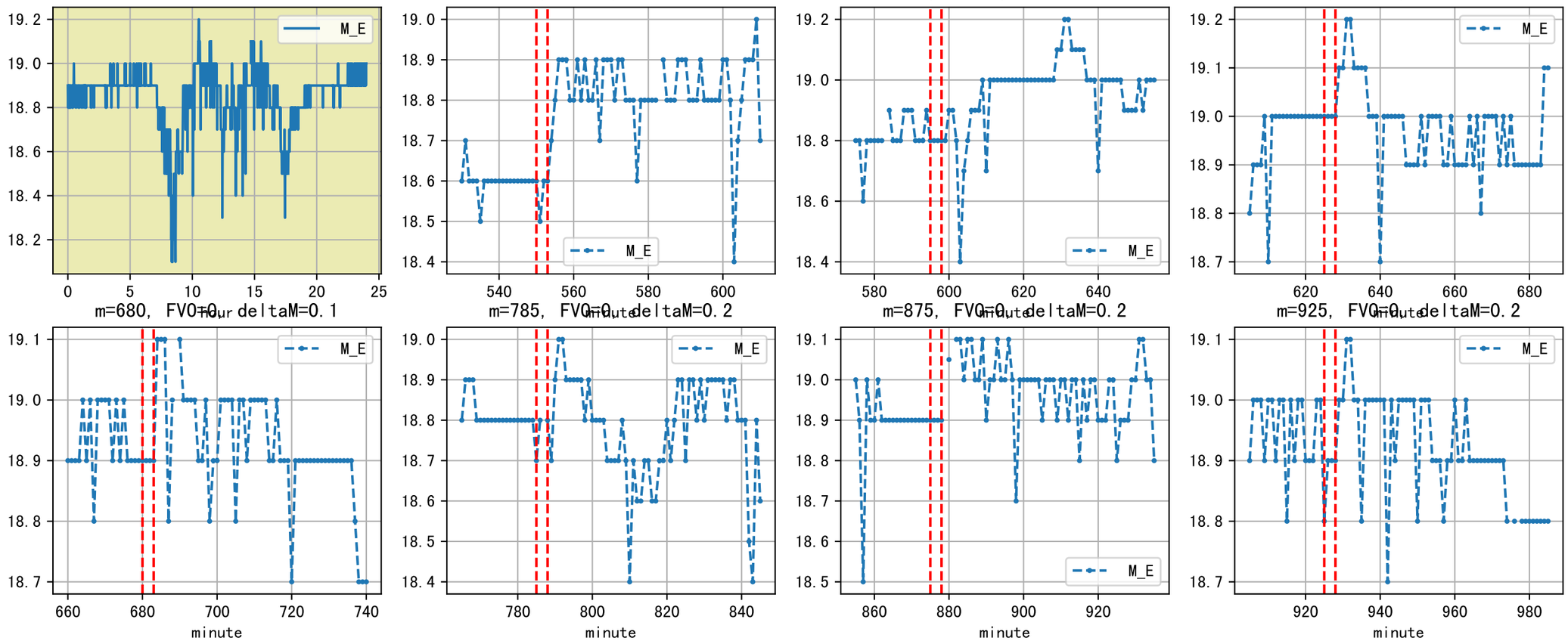

m=1060, FV0=0, deltaM=0.2
M_E
19.20
19.15
19.10
19.05
19.00
18.95
18.90
1040
1060
1080
1100
1120
minute

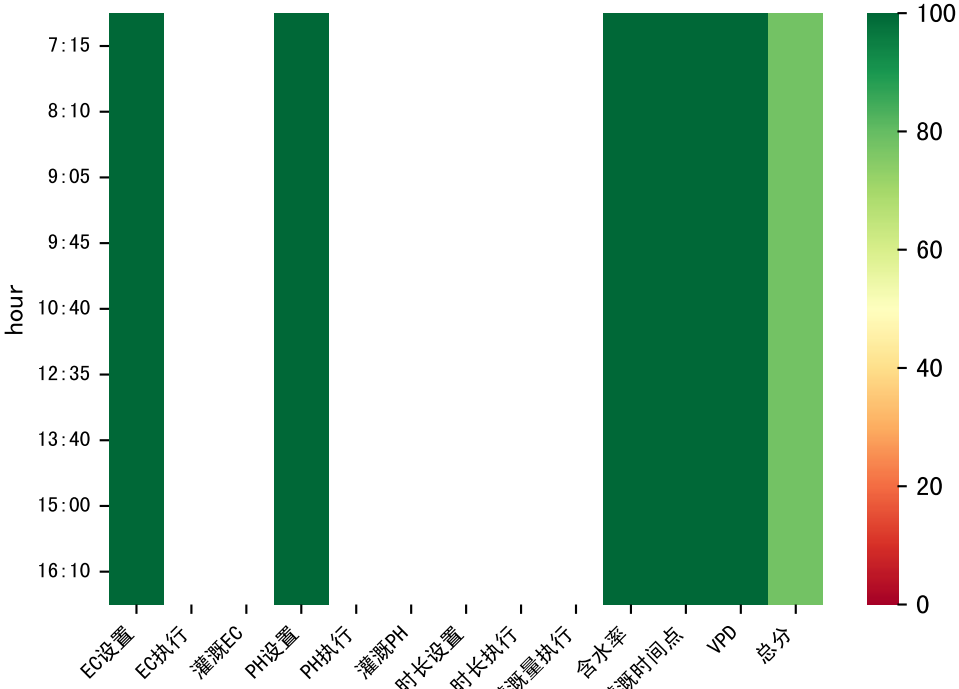

hour
7:10
8:25
10:05
11:15
13:20
14:15
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	153	20.0	0.441	多云	假设@07:10 自动（未用传感器）
08:25	153	20.0	0.441	晴	假设@08:25 自动（未用传感器）
10:05	153	20.0	0.441	晴	假设@10:05 自动（未用传感器）
11:15	153	20.0	0.441	晴	假设@11:15 自动（未用传感器）
13:20	153	20.0	0.441	晴	假设@13:20 自动（未用传感器）
14:15	153	20.0	0.441	多云	假设@14:15 自动（未用传感器）
14:50	153	20.0	0.441	多云	假设@14:50 自动（未用传感器）
总计	1071.0 (7次)	140.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (29.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

P2A1_0, Day=194.0 (2026-04-06)

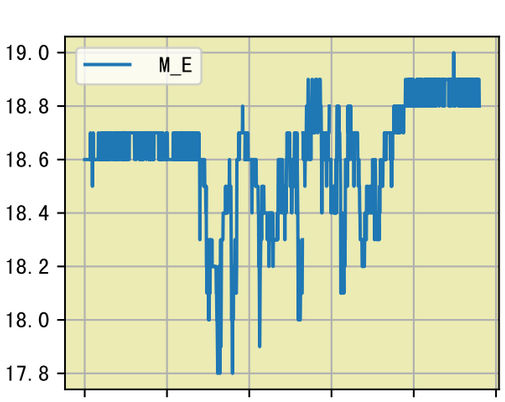

M_E
m=550, FVO=0, deltaM=0.3
m=595, FVO=0, deltaM=-0.4
m=625, FVO=0, deltaM=0.1
m=680, FVO=0, deltaM=0.1
m=785, FVO=0, deltaM=0.2
m=875, FVO=0, deltaM=0.2
m=925, FVO=0, deltaM=0.2
minute

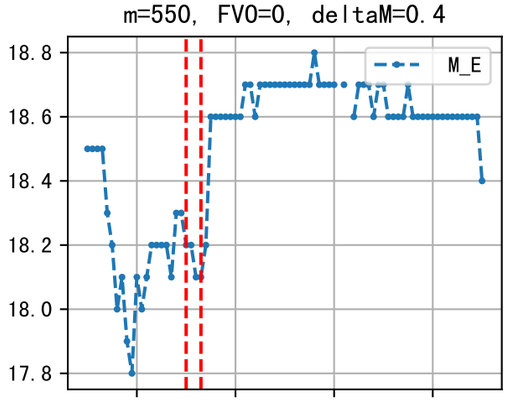

hour
7:15
8:10
9:05
9:45
10:40
12:35
13:40
15:00
16:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

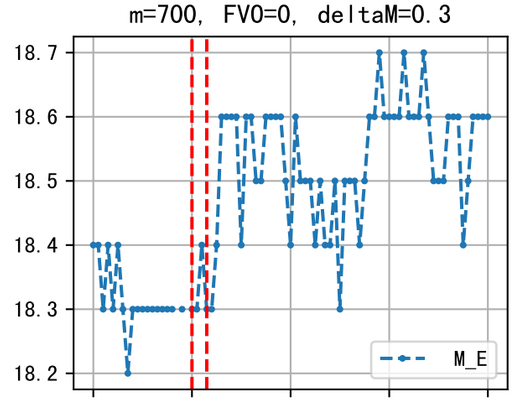
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	151	20.0	0.441	晴	假设@07:15 自动（未用传感器）
08:10	151	20.0	0.441	晴	假设@08:10 自动（未用传感器）
09:05	151	20.0	0.441	晴	假设@09:05 自动（未用传感器）
09:45	151	20.0	0.441	晴	假设@09:45 自动（未用传感器）
10:40	151	20.0	0.441	多云	假设@10:40 自动（未用传感器）
12:35	151	20.0	0.441	多云	假设@12:35 自动（未用传感器）
13:40	151	20.0	0.441	多云	假设@13:40 自动（未用传感器）
15:00	151	20.0	0.441	多云	假设@15:00 自动（未用传感器）
16:10	151	20.0	0.441	多云	假设@16:10 自动（未用传感器）
总计	1359.0 (9次)	180.0			建议进液EC：1700， PH：6.0

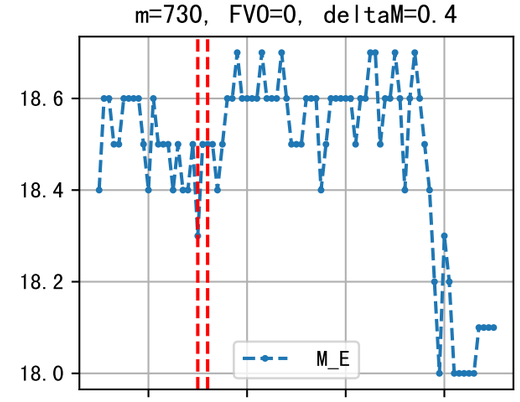
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (28.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

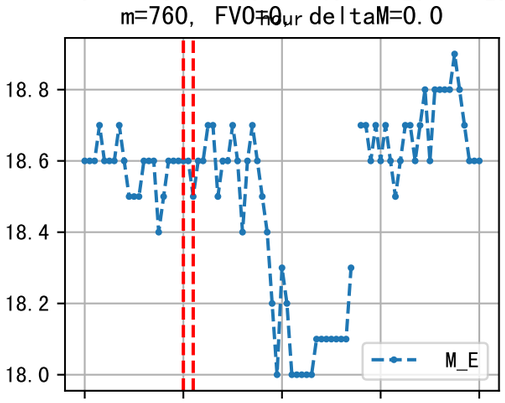
P2A1_0, Day=193.0 (2026-04-05)

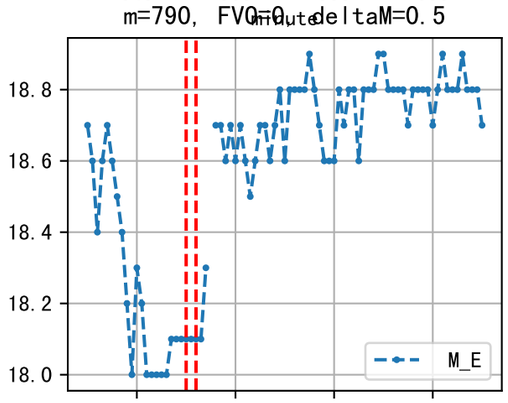

M_E
19.0
18.8
18.6
18.4
18.2
18.0
17.8
0
5
10
15
20
25

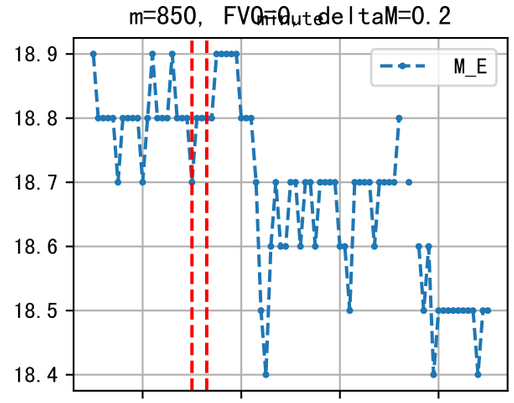

m=550, FVO=0, deltaM=0.4
M_E
18.8
18.6
18.4
18.2
18.0
17.8
540
560
580
600

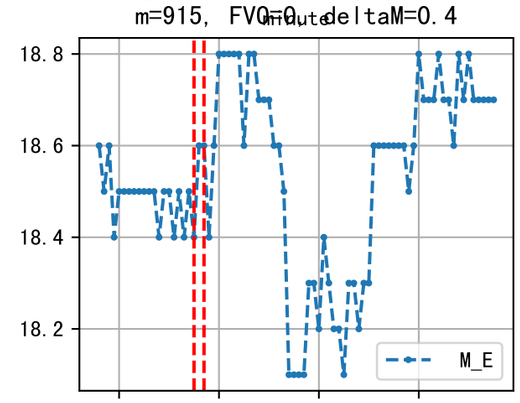

m=700, FVO=0, deltaM=0.3
M_E
18.7
18.6
18.5
18.4
18.3
18.2
680
700
720
740
760

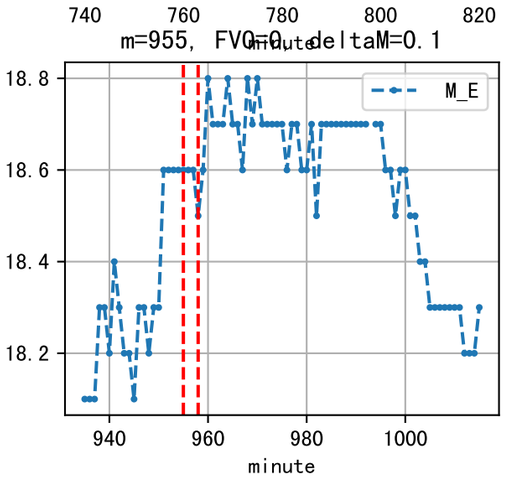

m=730, FVO=0, deltaM=0.4
M_E
18.6
18.4
18.2
18.0
720
740
760
780

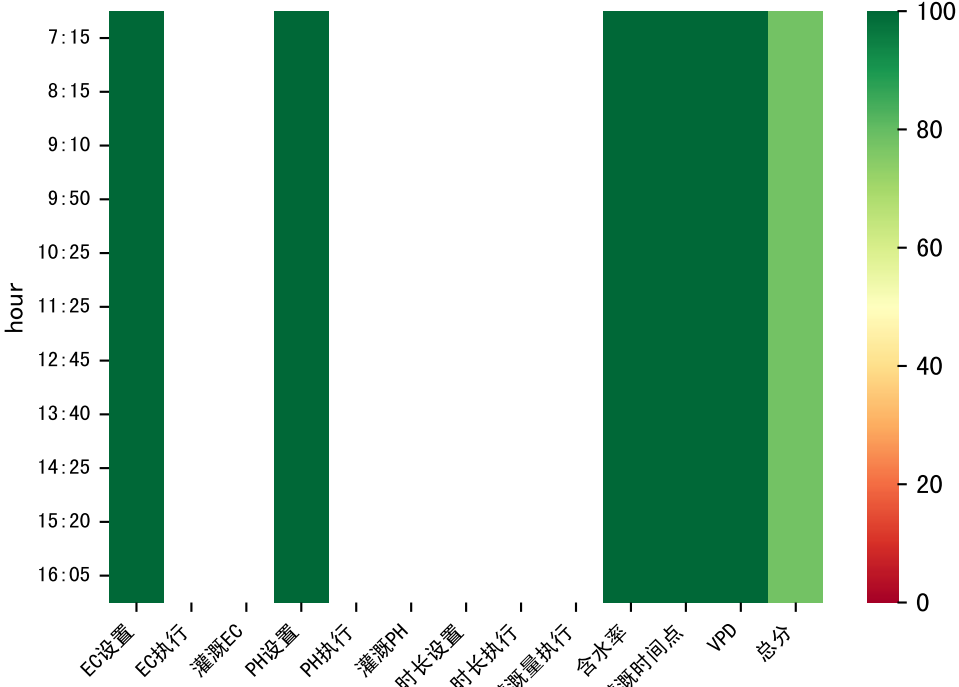

m=760, FVO=0, deltaM=0.0
M_E
18.8
18.6
18.4
18.2
18.0
740
760
780
800
820


m=790, FVO=0, deltaM=0.5
M_E
18.8
18.6
18.4
18.2
18.0
780
800
820
840
minute


m=850, FVO=0, deltaM=0.2
M_E
18.9
18.8
18.7
18.6
18.5
18.4
840
860
880
900
minute


m=915, FVO=0, deltaM=0.4
M_E
18.8
18.6
18.4
18.2
900
920
940
960
minute

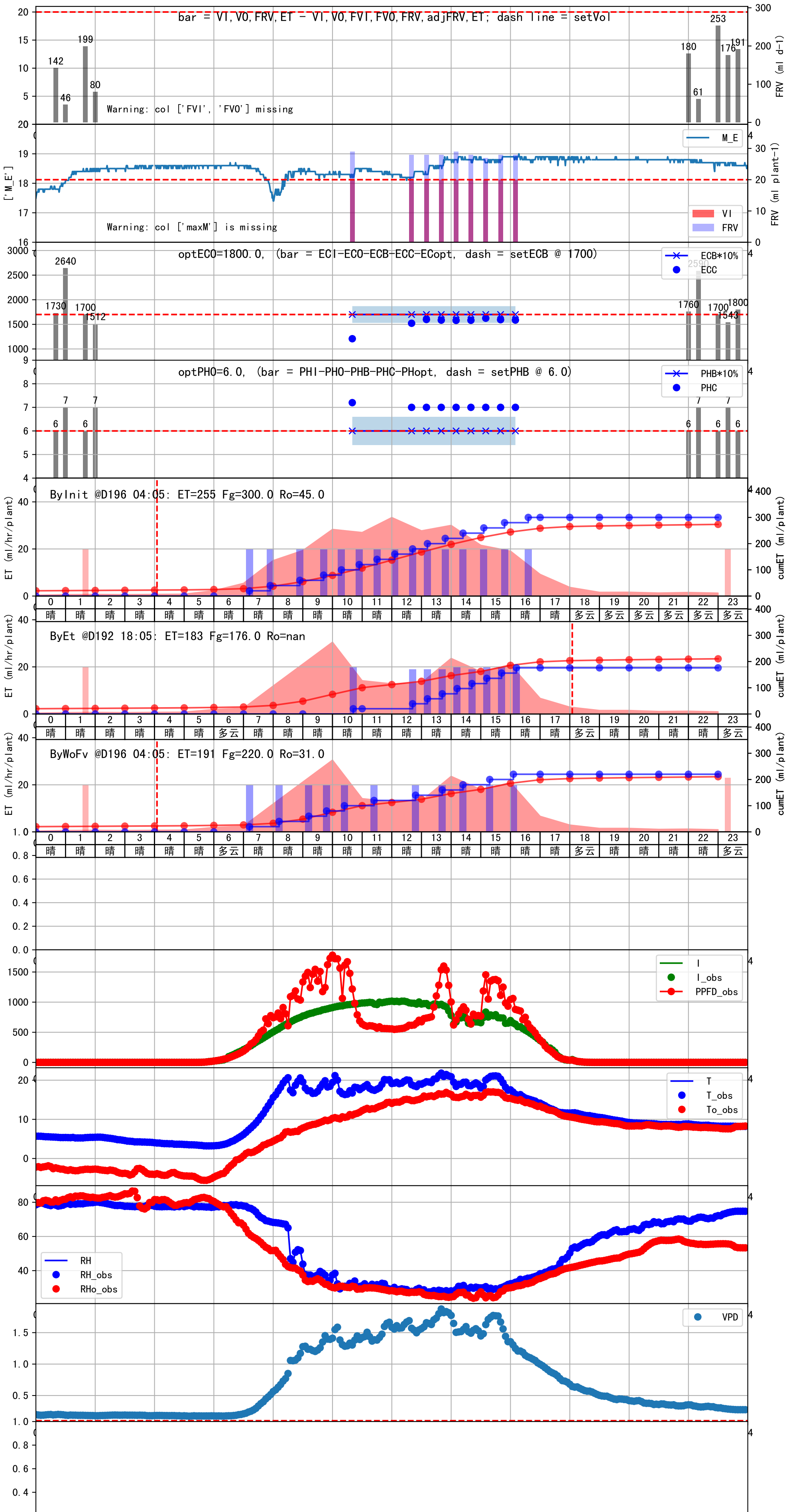

m=955, FVO=0, deltaM=0.1
M_E
18.8
18.6
18.4
18.2
940
960
980
1000
minute

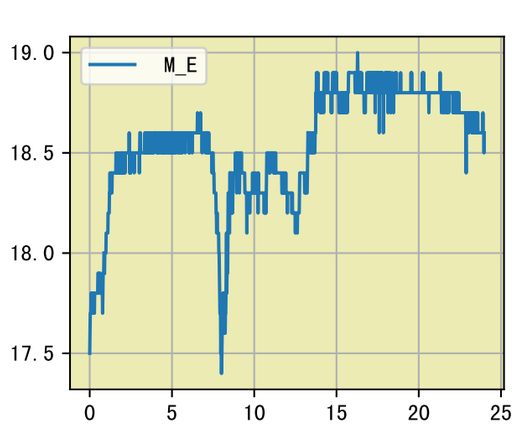

hour
7:15
8:15
9:10
9:50
10:25
11:25
12:45
13:40
14:25
15:20
16:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

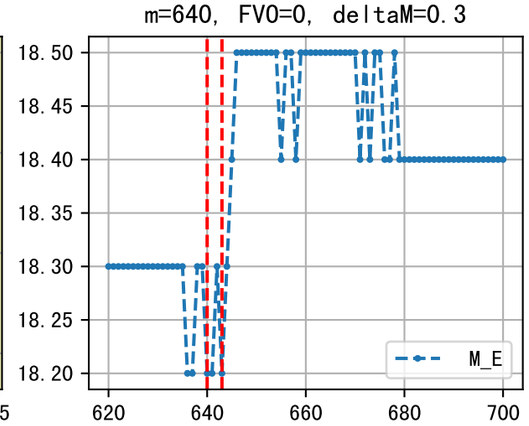
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	151	20.0	0.441	晴	假设@07:15 自动（未用传感器）
08:15	151	20.0	0.441	晴	假设@08:15 自动（未用传感器）
09:10	151	20.0	0.441	晴	假设@09:10 自动（未用传感器）
09:50	151	20.0	0.441	晴	假设@09:50 自动（未用传感器）
10:25	151	20.0	0.441	晴	假设@10:25 自动（未用传感器）
11:25	151	20.0	0.441	晴	假设@11:25 自动（未用传感器）
12:45	151	20.0	0.441	晴	假设@12:45 自动（未用传感器）
13:40	151	20.0	0.441	晴	假设@13:40 自动（未用传感器）
14:25	151	20.0	0.441	晴	假设@14:25 自动（未用传感器）
15:20	151	20.0	0.441	晴	假设@15:20 自动（未用传感器）
16:05	151	20.0	0.441	晴	假设@16:05 自动（未用传感器）
总计	1661.0 (11次)	220.0			建议进液EC：1700， PH：6.0

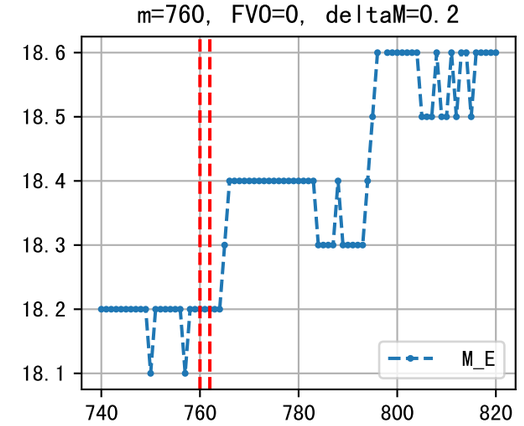
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (28.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

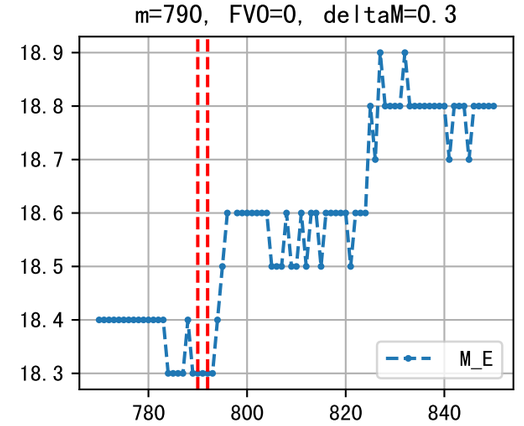
P2A1_0, Day=192.0 (2026-04-04)

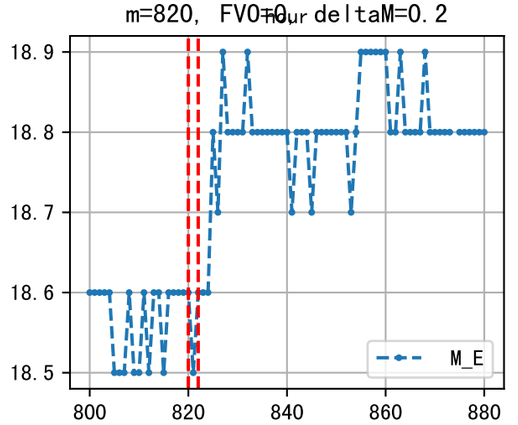


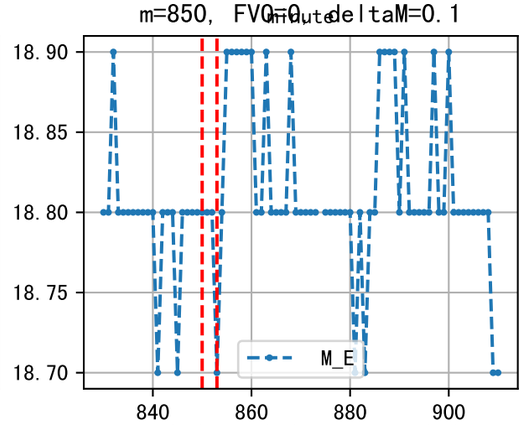

M_E
19.0
18.5
18.0
17.5
0
5
10
15
20
25

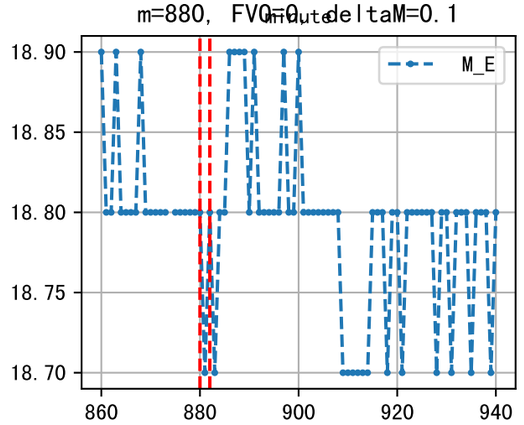

m=640, FV0=0, deltaM=0.3
M_E
18.50
18.45
18.40
18.35
18.30
18.25
18.20
620
640
660
680
700

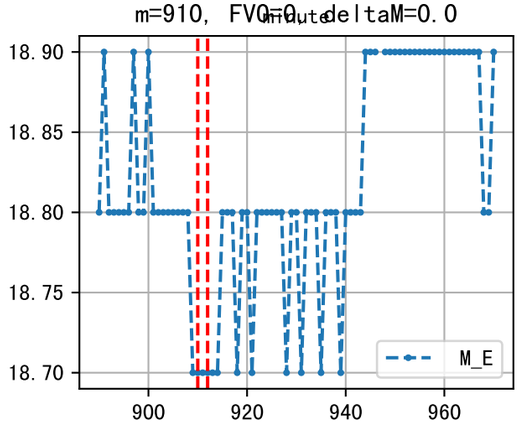

m=760, FV0=0, deltaM=0.2
M_E
18.6
18.5
18.4
18.3
18.2
18.1
740
760
780
800
820

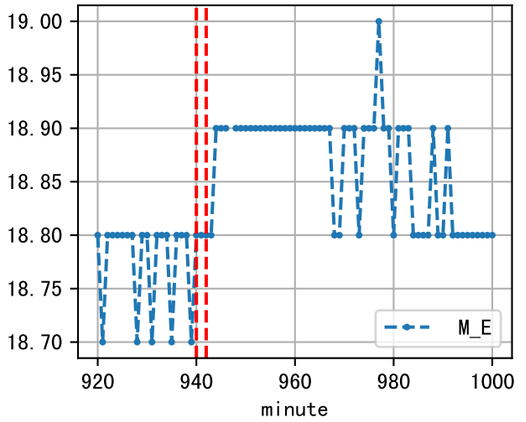

m=790, FV0=0, deltaM=0.3
M_E
18.9
18.8
18.7
18.6
18.5
18.4
18.3
780
800
820
840

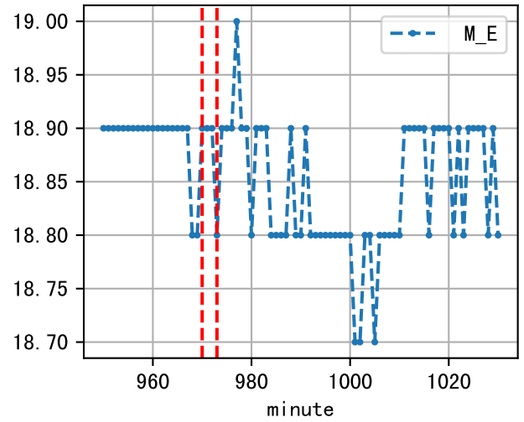

m=820, FV0=0, deltaM=0.2
M_E
18.9
18.8
18.7
18.6
18.5
800
820
840
860
880


m=850, FV0=0, deltaM=0.1
M_E
18.90
18.85
18.80
18.75
18.70
840
860
880
900


m=880, FV0=0, deltaM=0.1
M_E
18.90
18.85
18.80
18.75
18.70
860
880
900
920
940
minute


m=910, FV0=0, deltaM=0.0
M_E
18.90
18.85
18.80
18.75
18.70
900
920
940
960
minute


m=940, FV0=0, deltaM=0.1
M_E
19.00
18.95
18.90
18.85
18.80
18.75
18.70
920
940
960
980
1000
minute


m=970, FV0=0, deltaM=0.0
M_E
19.00
18.95
18.90
18.85
18.80
18.75
18.70
960
980
1000
1020
minute