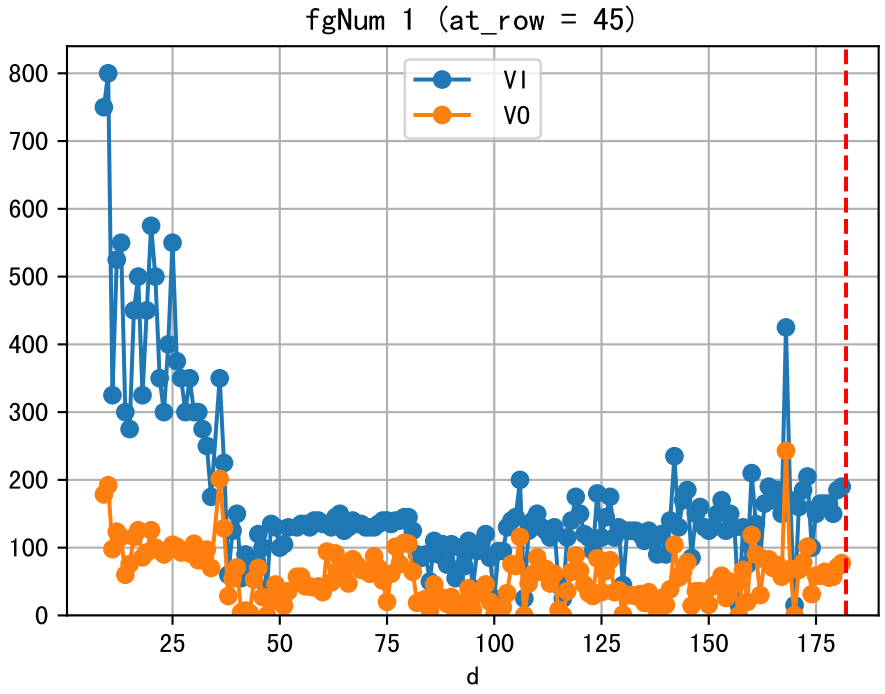
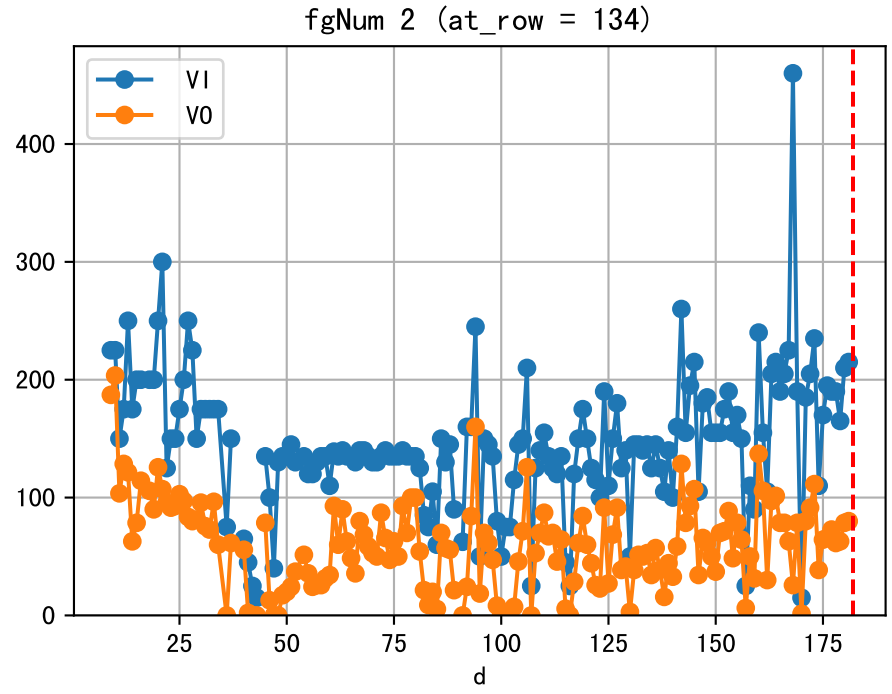
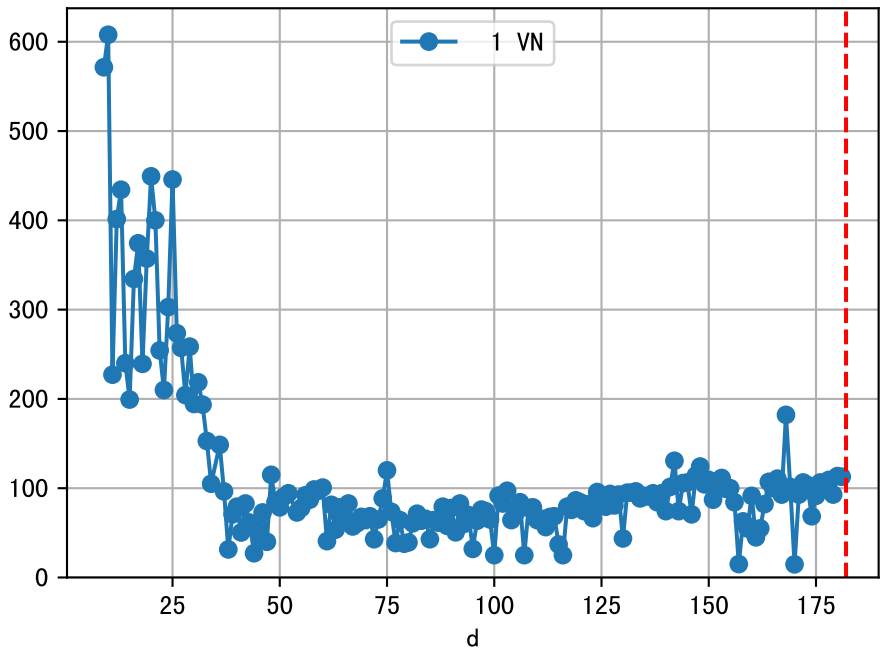
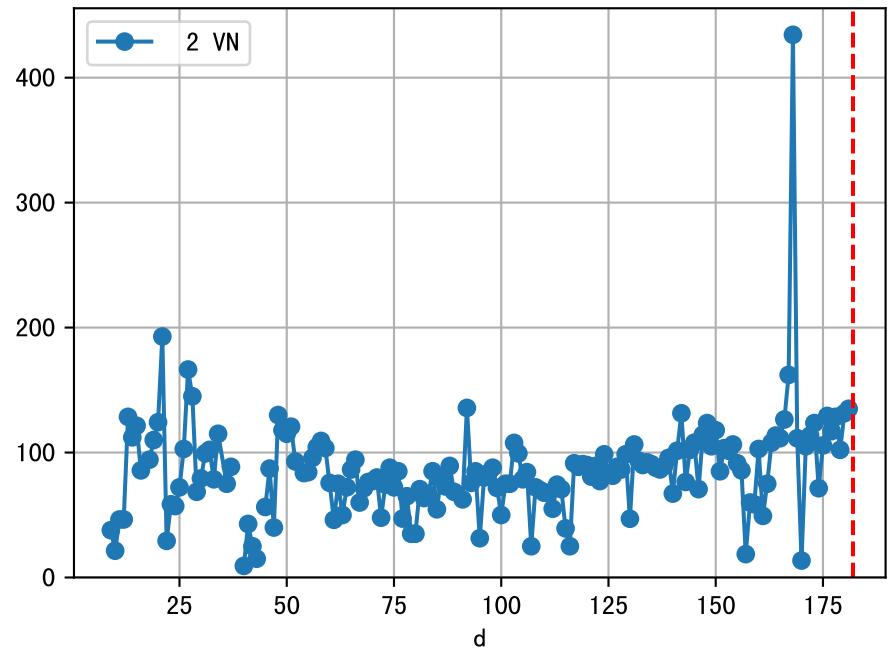
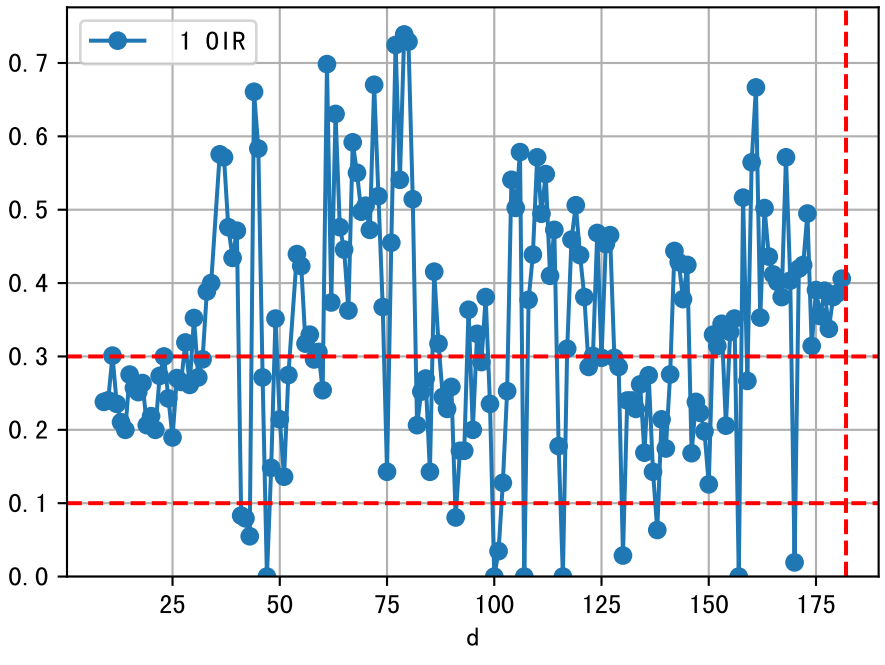
FgArea: ['0']
NC11 P2
2026-03-25 (Day 182)

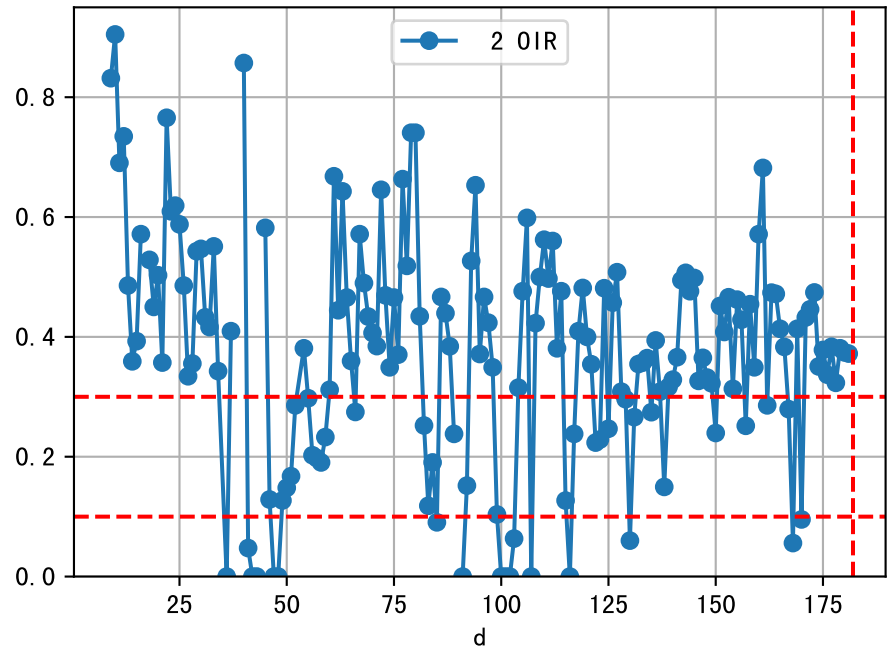

fgNum 1 (at_row = 45)
VI
VO
d

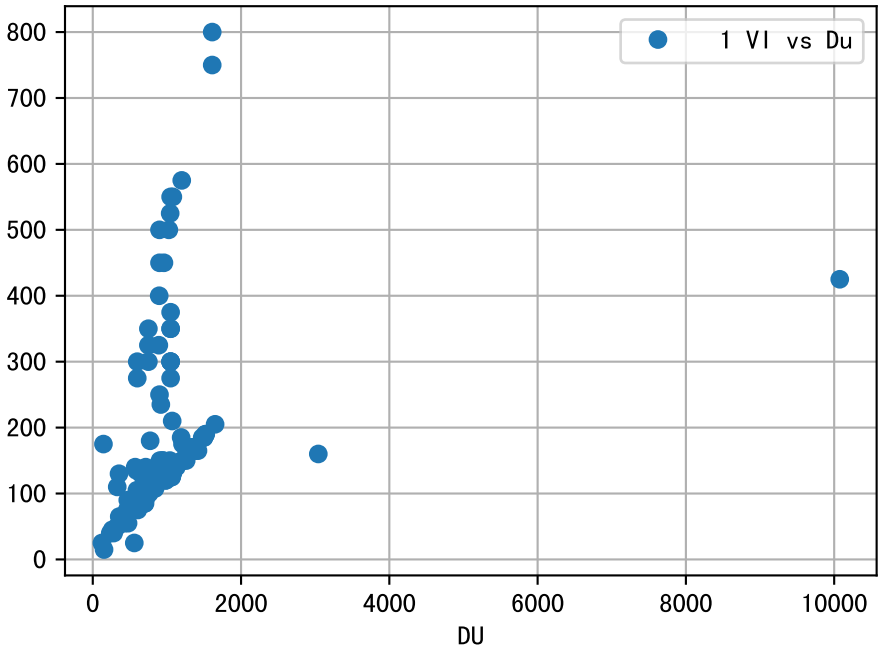

fgNum 2 (at_row = 134)
VI
VO
d

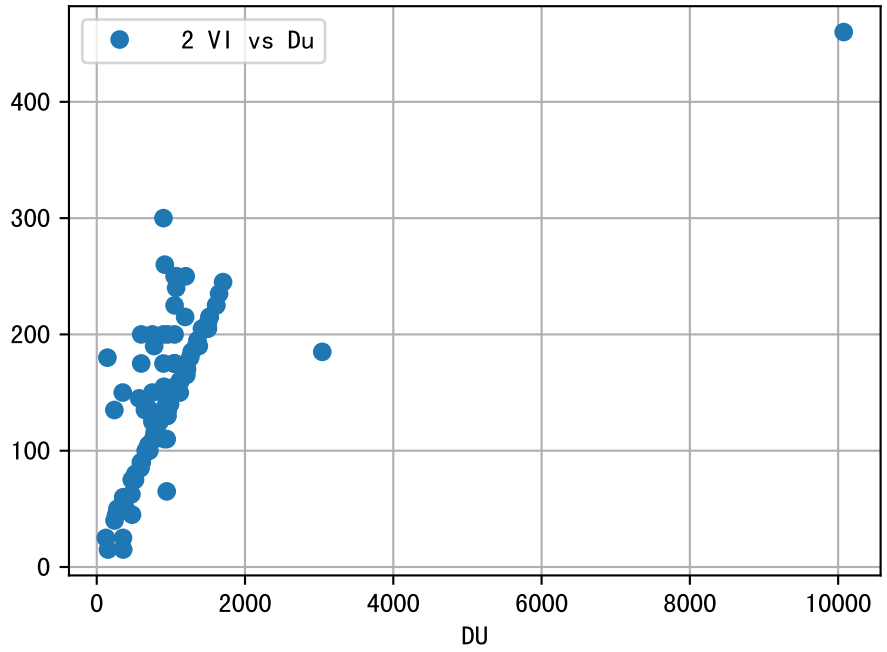

1 VN
d

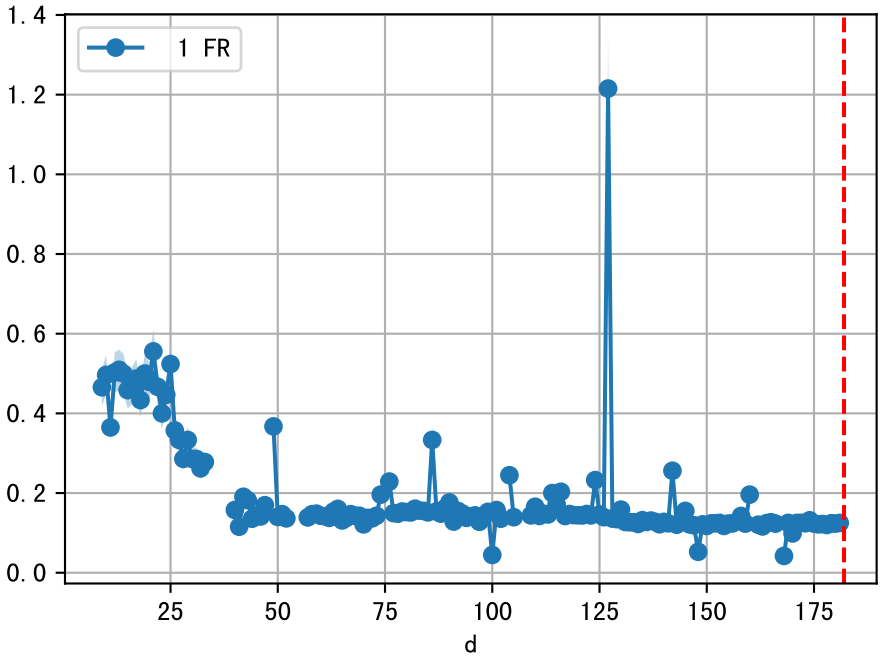

2 VN
d

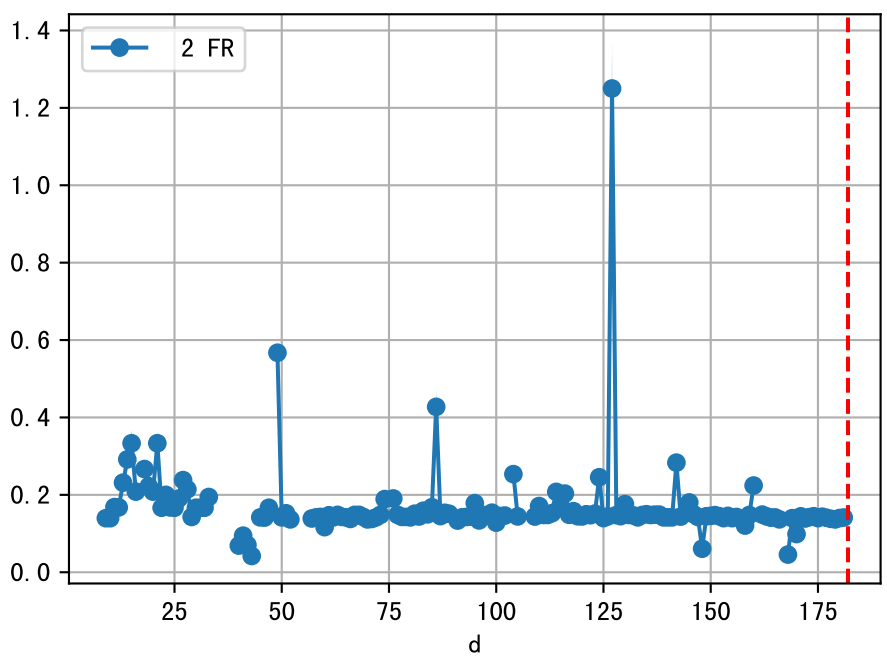

1 OIR
d

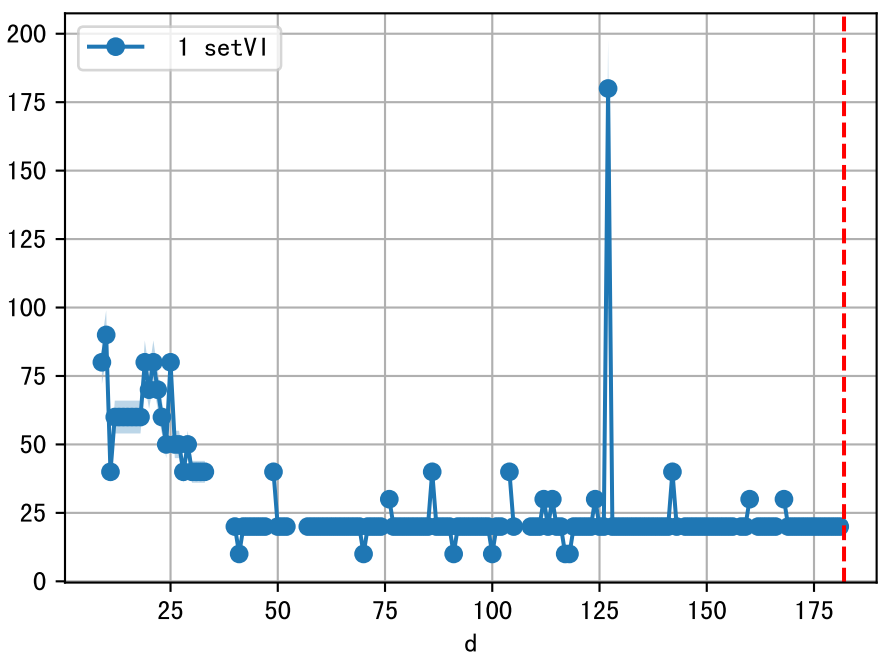

2 OIR
d

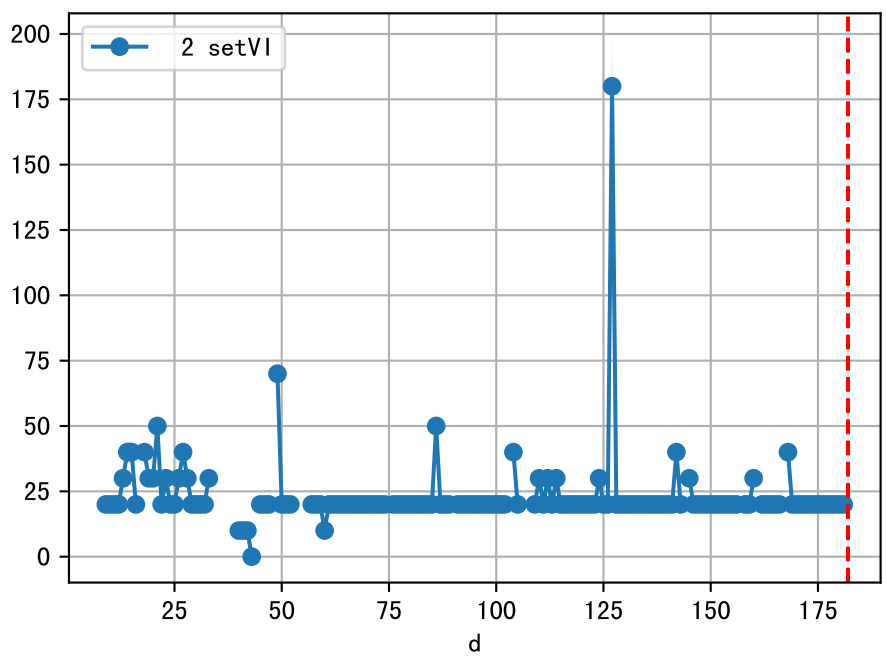

1 VI vs Du
DU

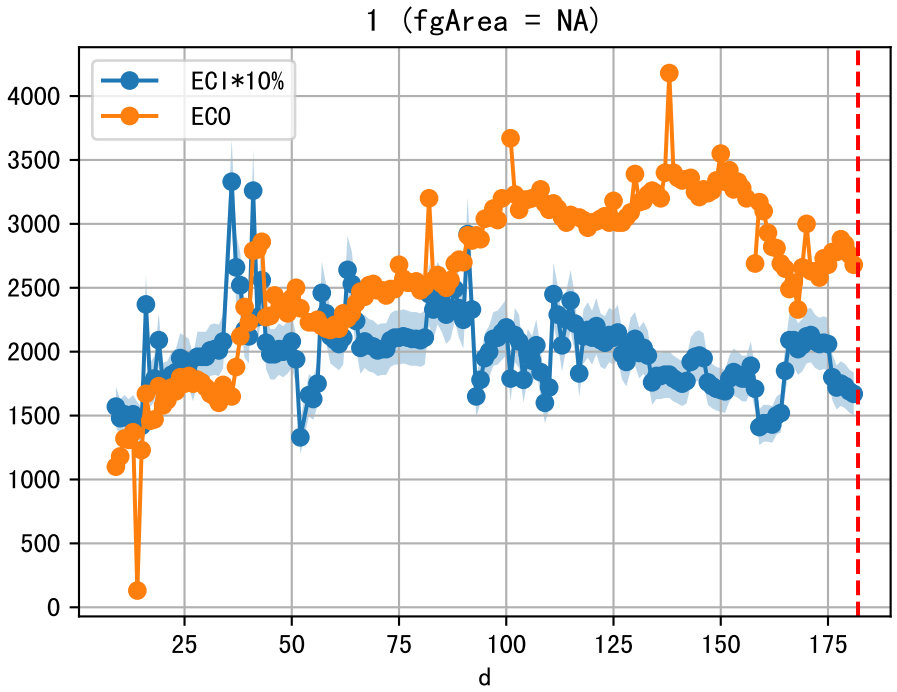

2 VI vs Du
DU

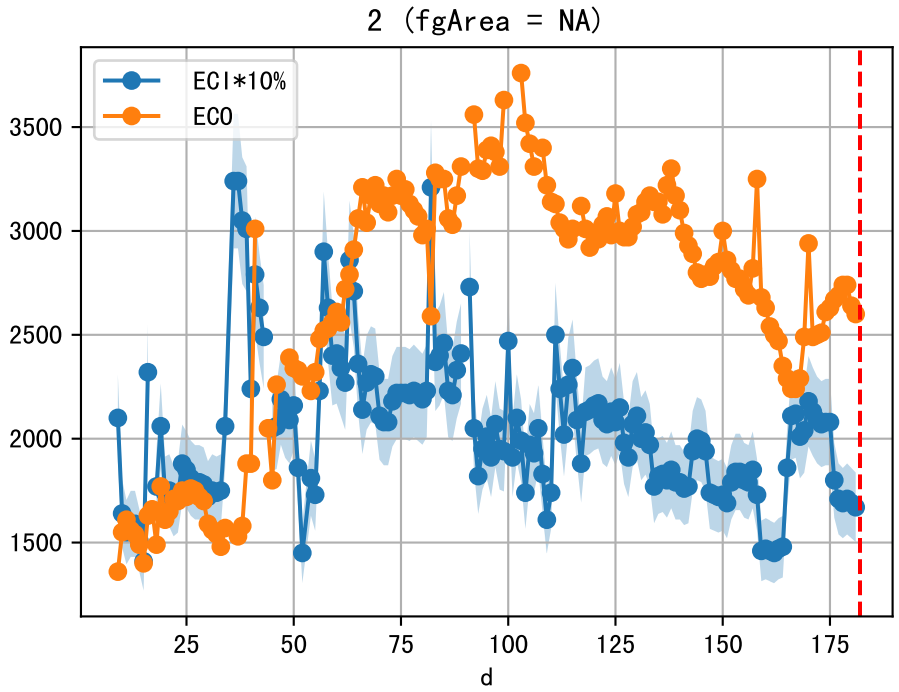

1 FR
d

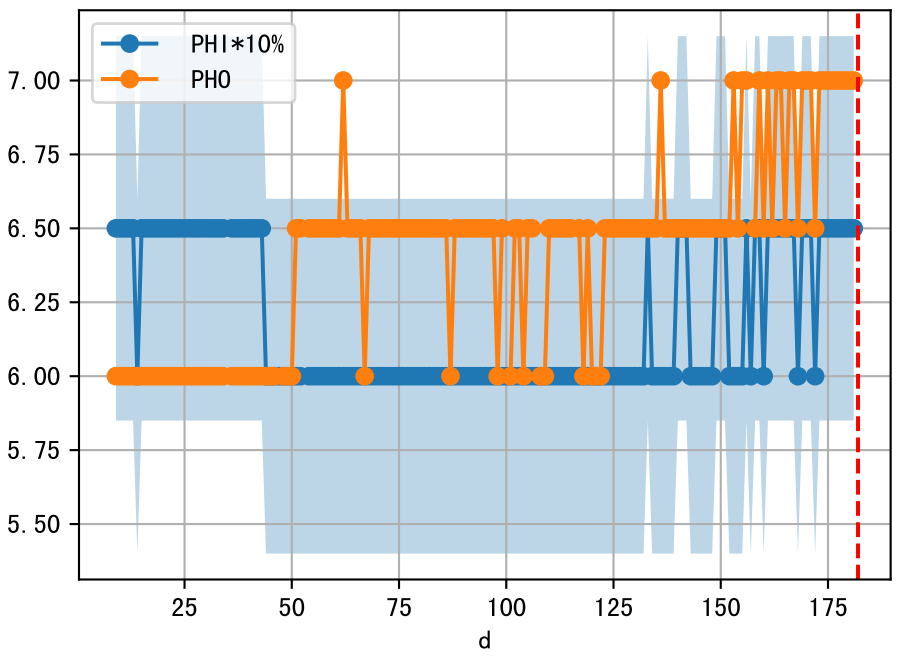

2 FR
d

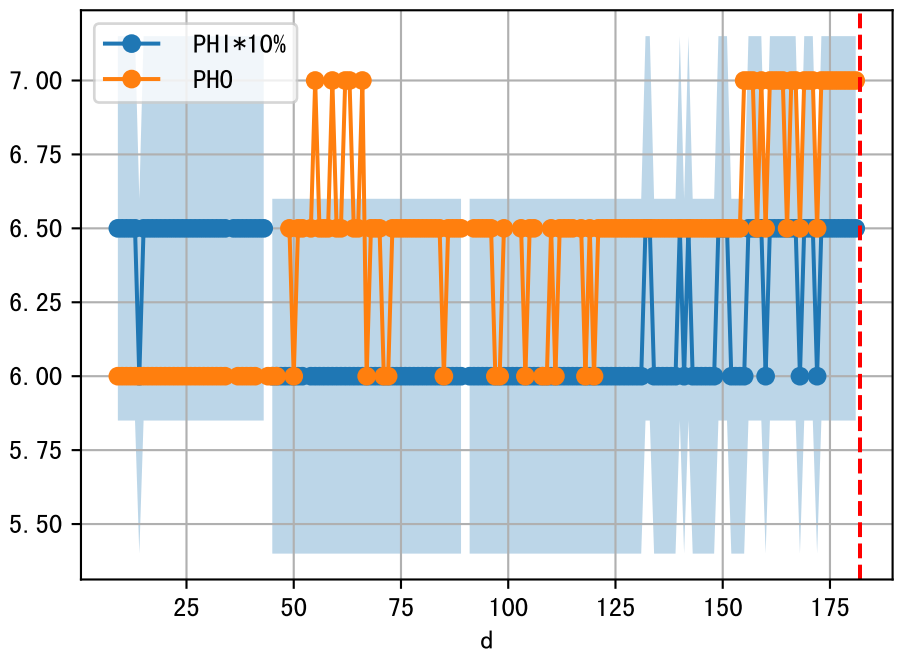

1 setVI
d

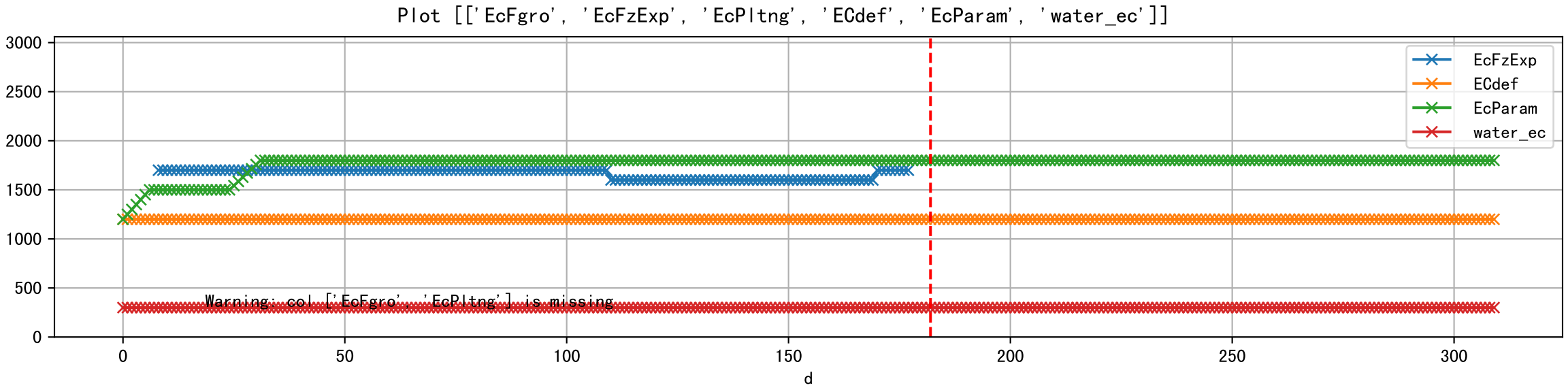

2 setVI
d

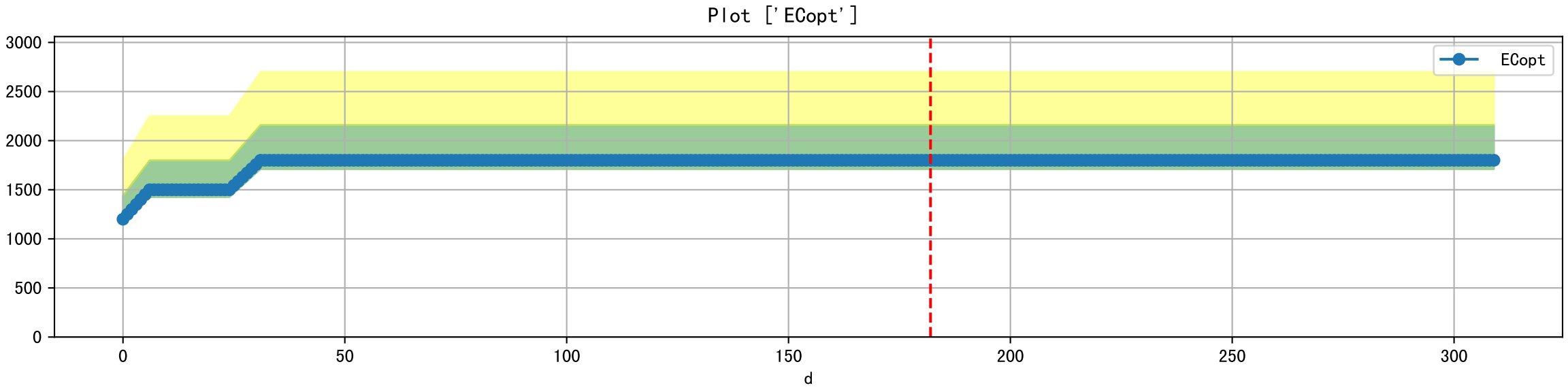

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

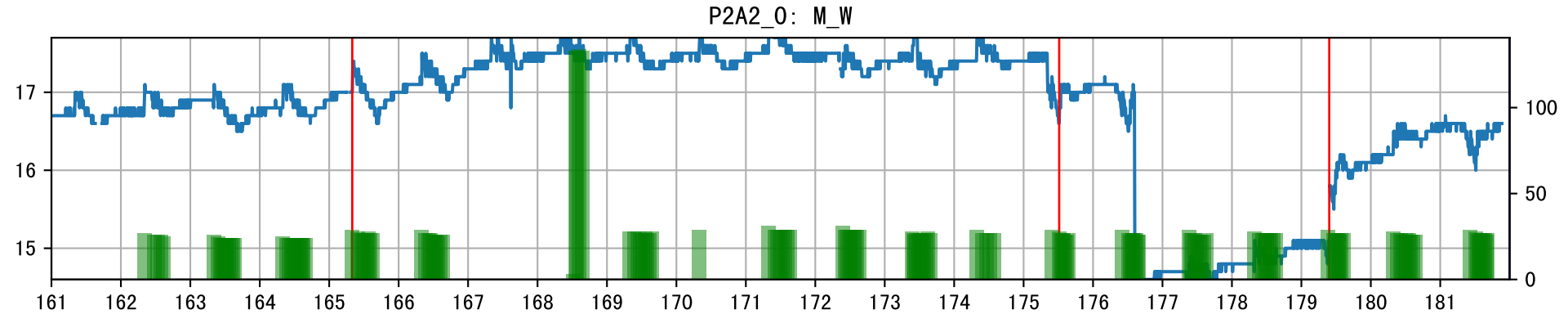

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
25
50
75
100
125
150
175
d

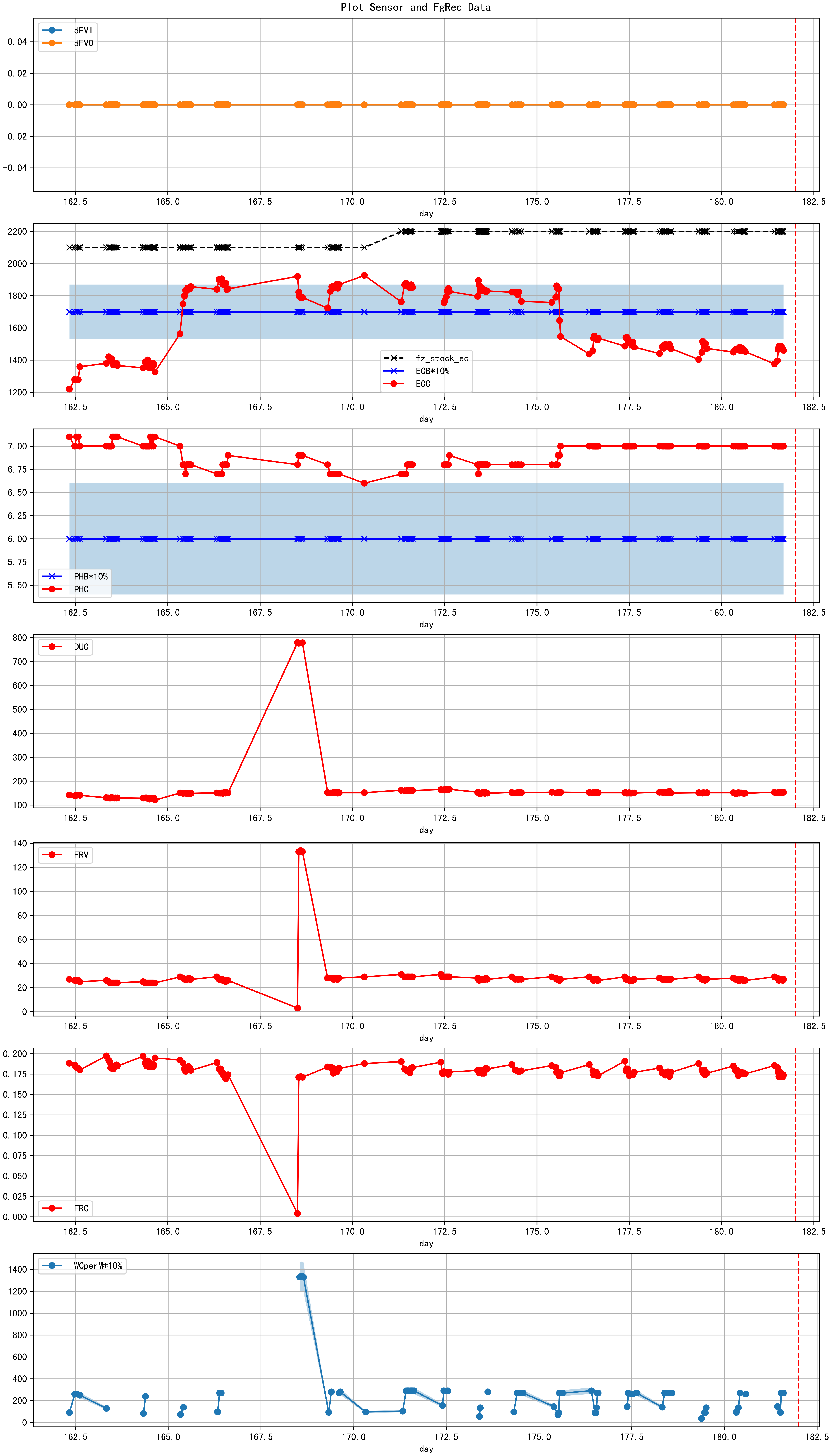

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
25
50
75
100
125
150
175
d


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

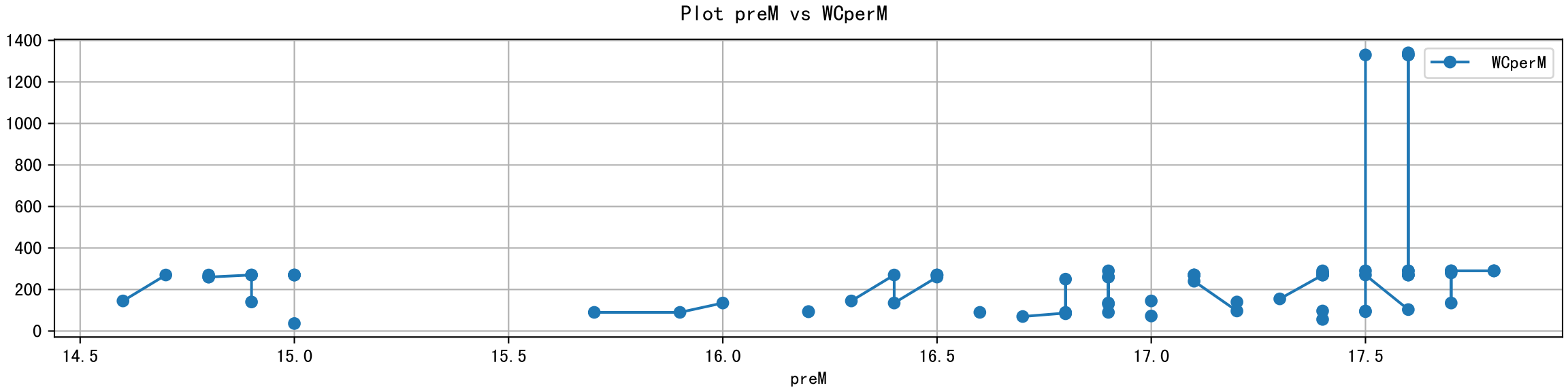

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

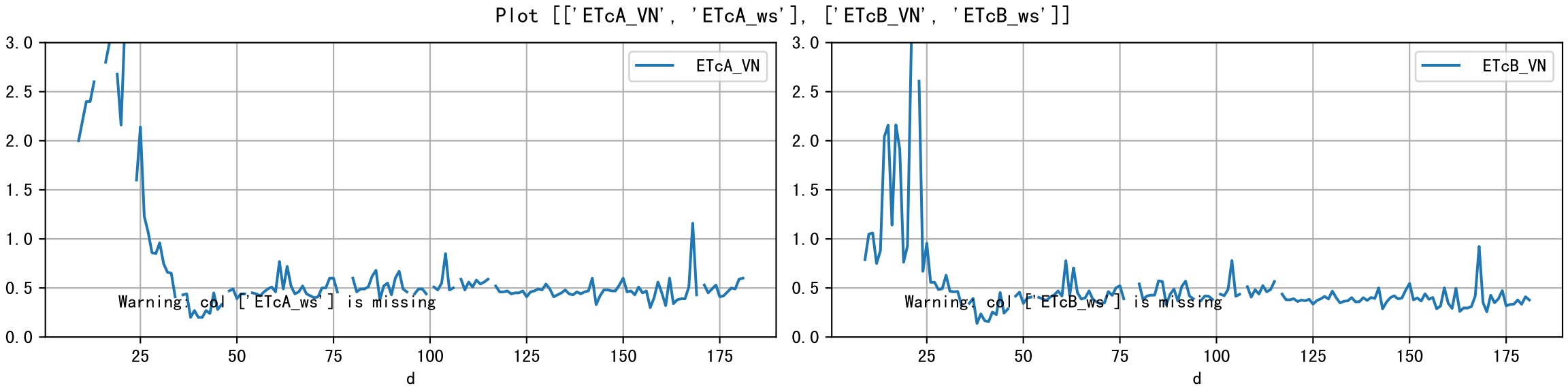

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

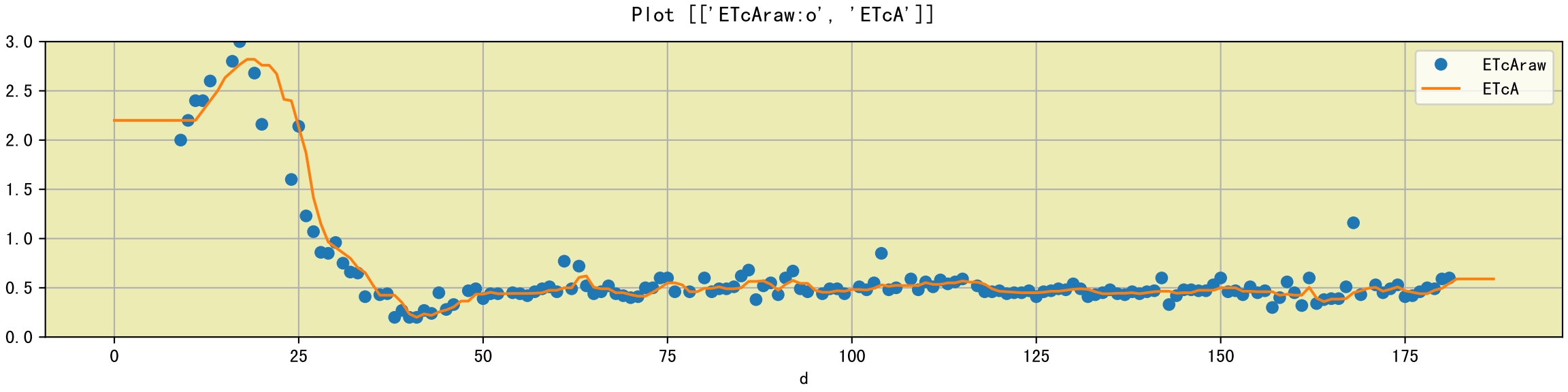

P2A2_O: M_W
17
16
15
100
50
0
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181

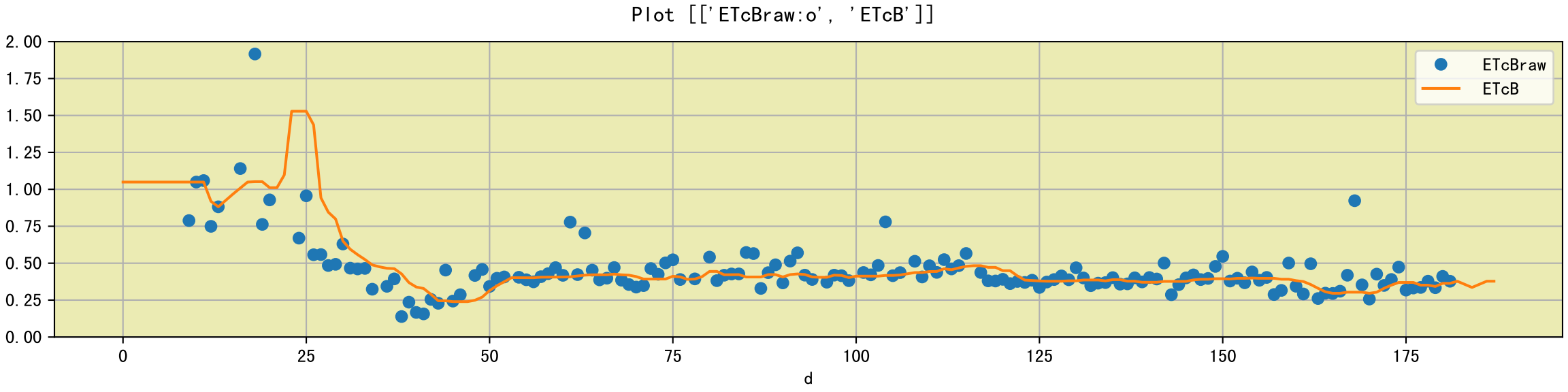


Plot Sensor and FgRec Data
dFVI
dFVO
day
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
WCperM*10%

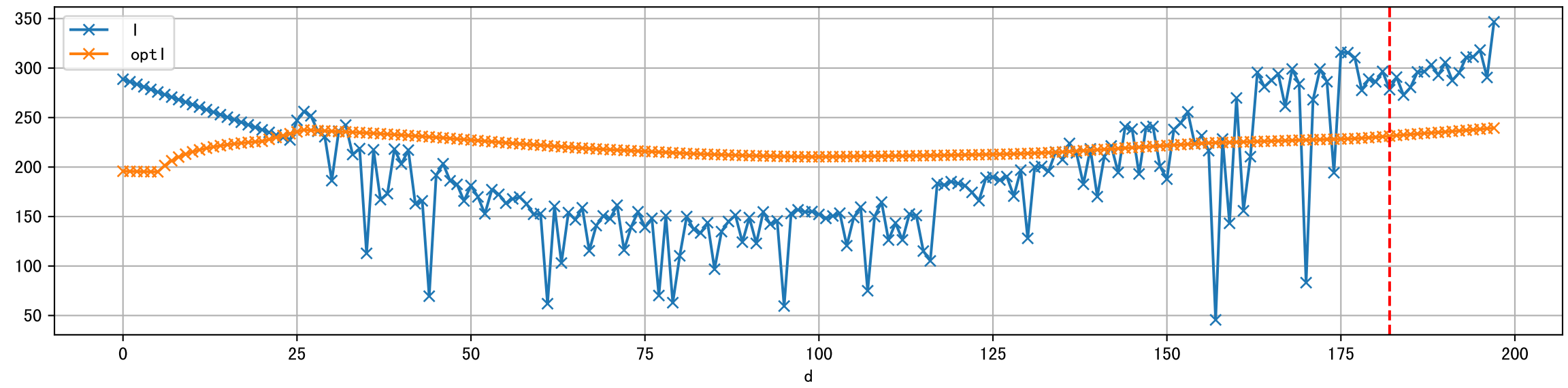

Plot preM vs WCperM
WCperM
1400
1200
1000
800
600
400
200
0
14.5
15.0
15.5
16.0
16.5
17.0
17.5
preM

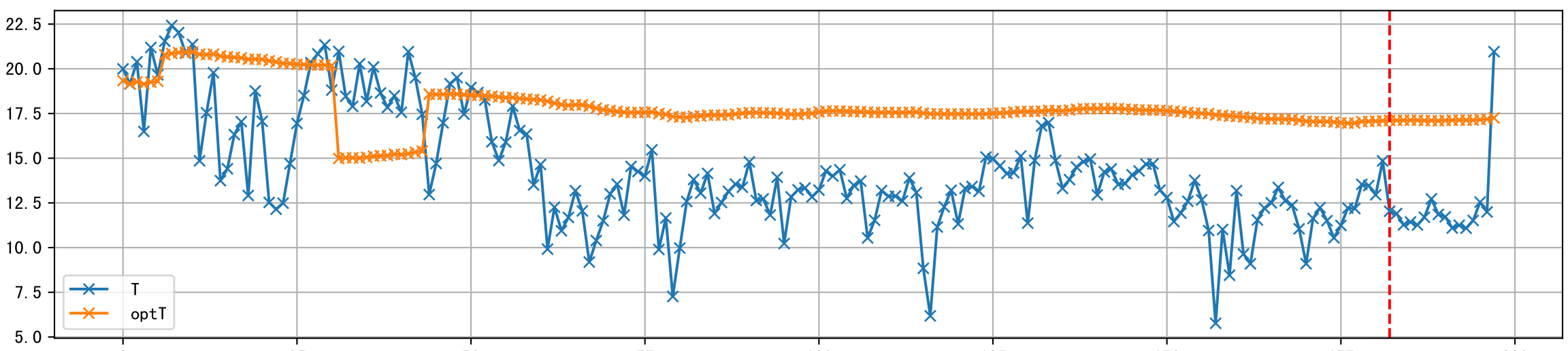

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

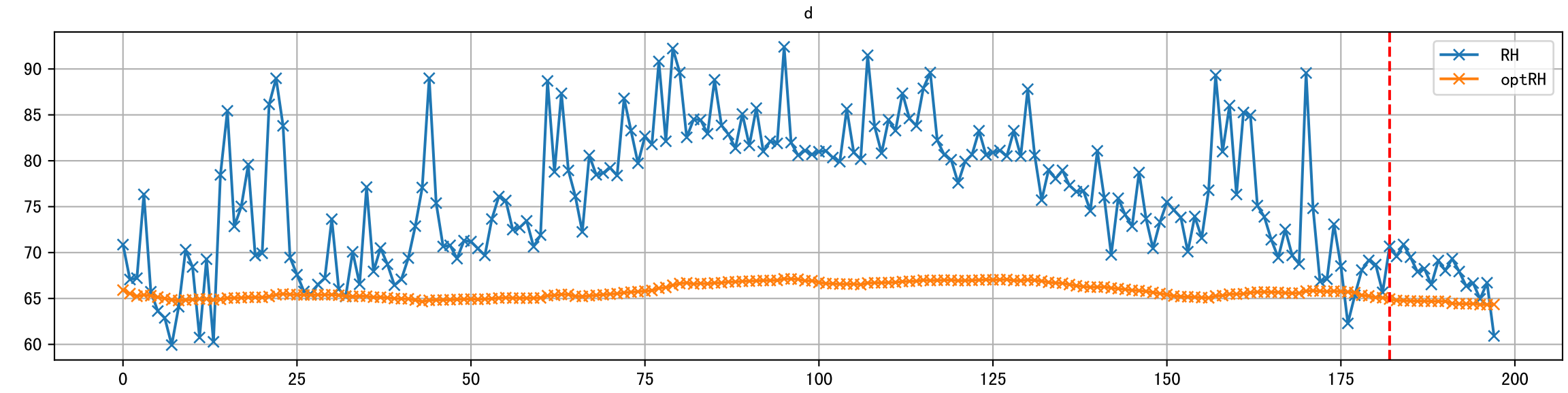

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
d
ETcAraw
ETcA

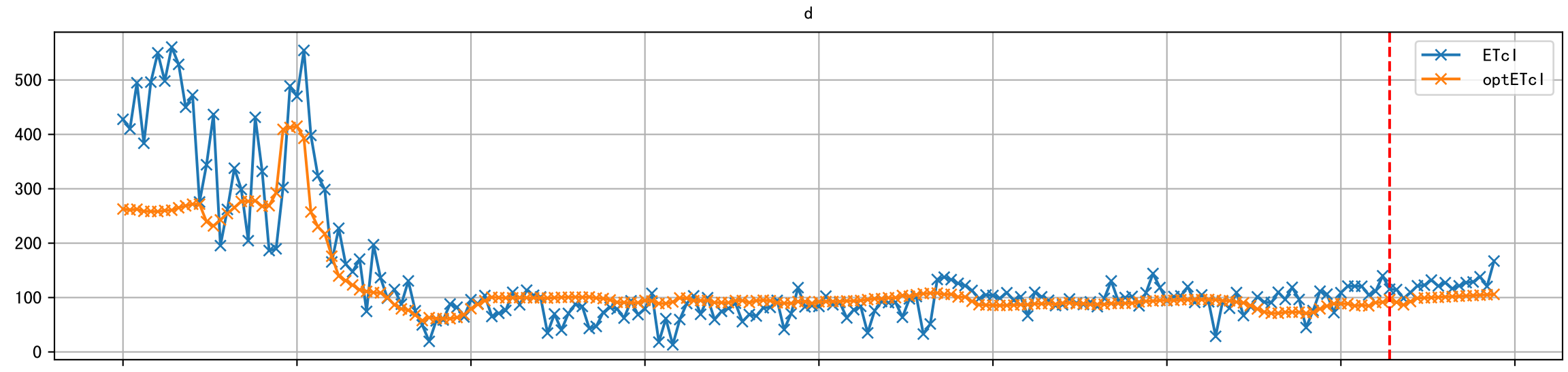

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
d

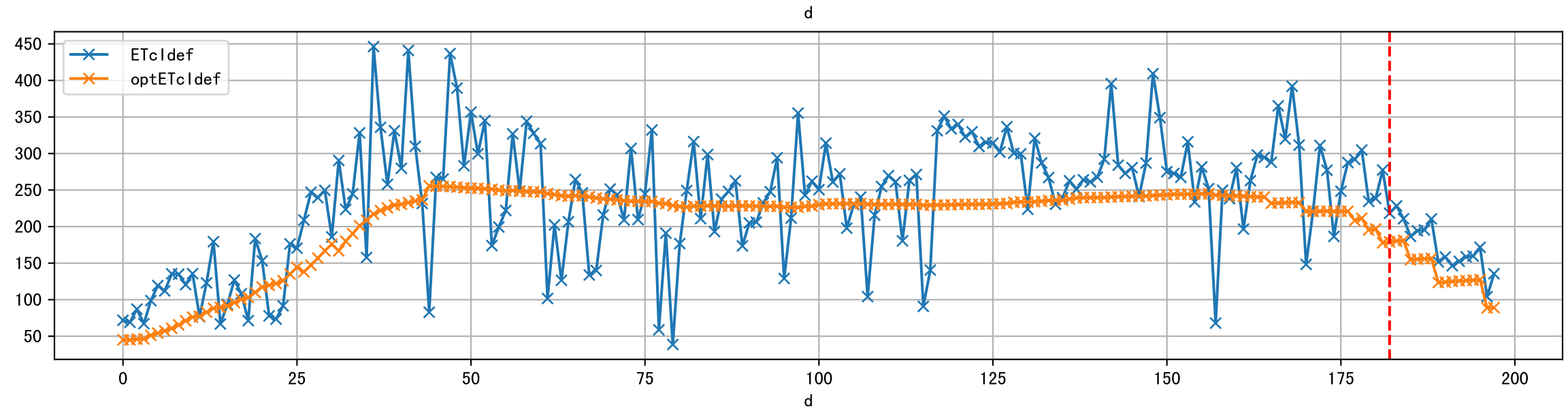
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

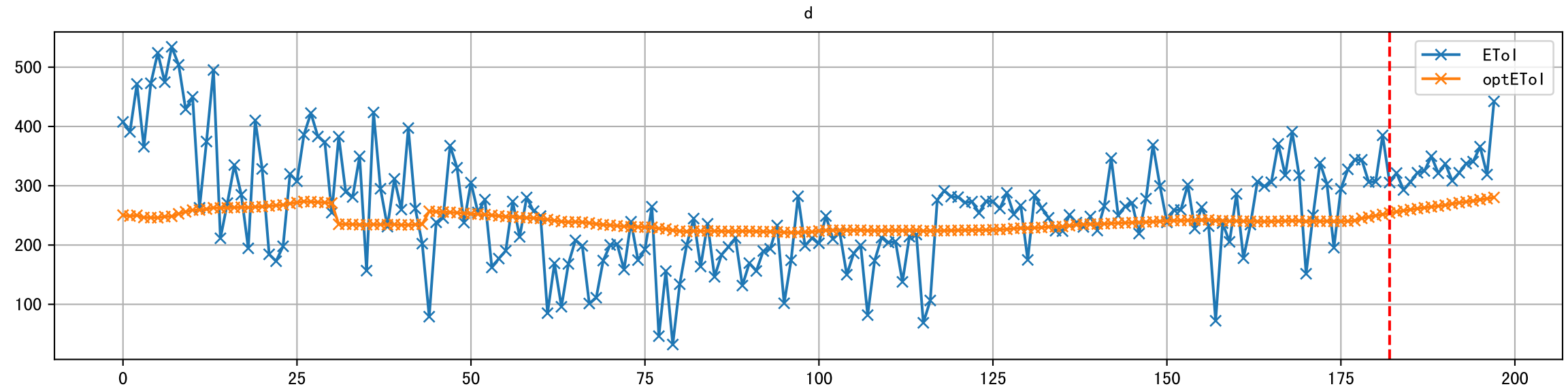


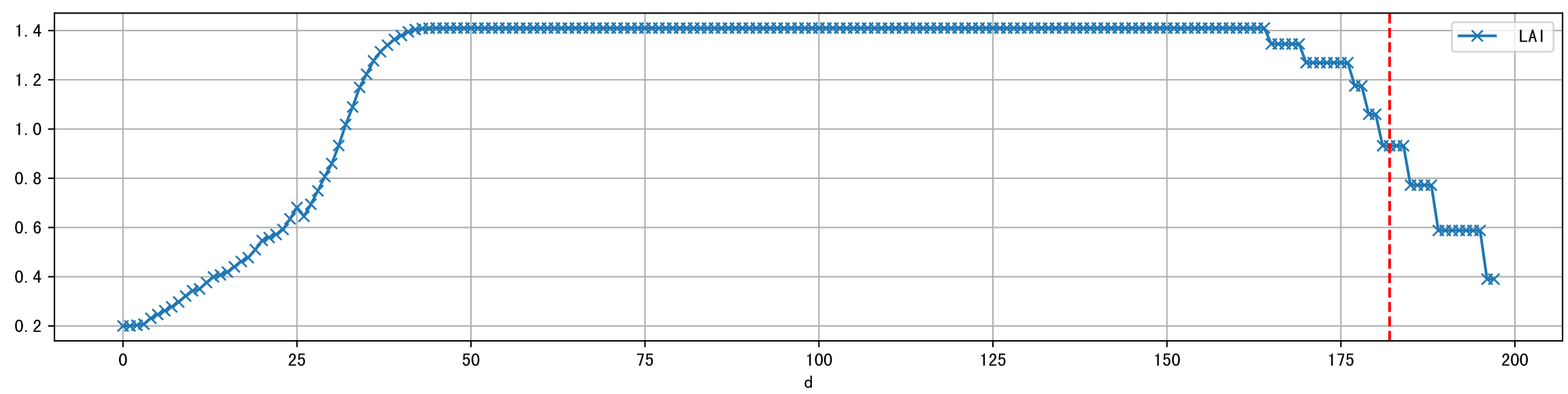


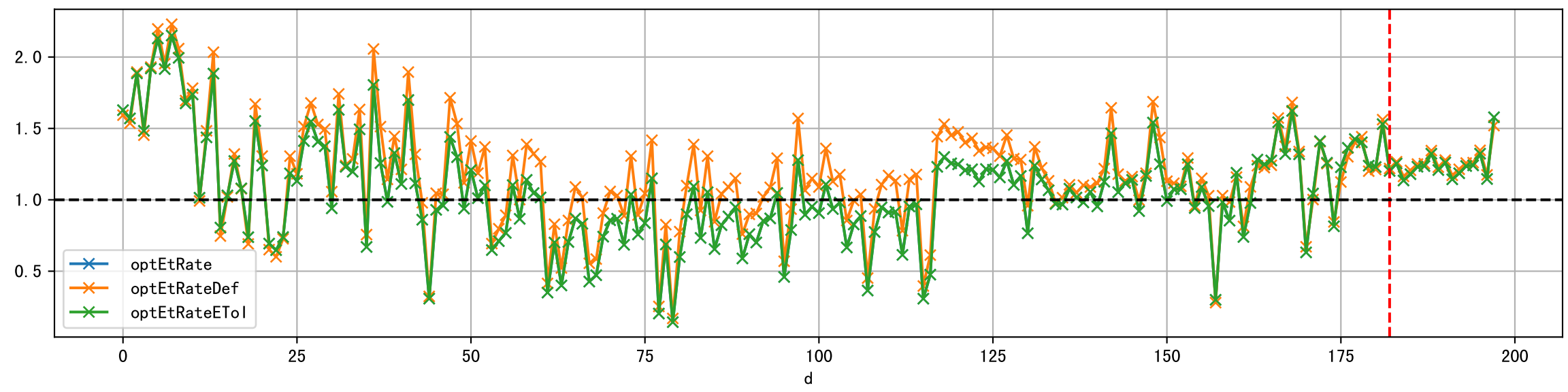


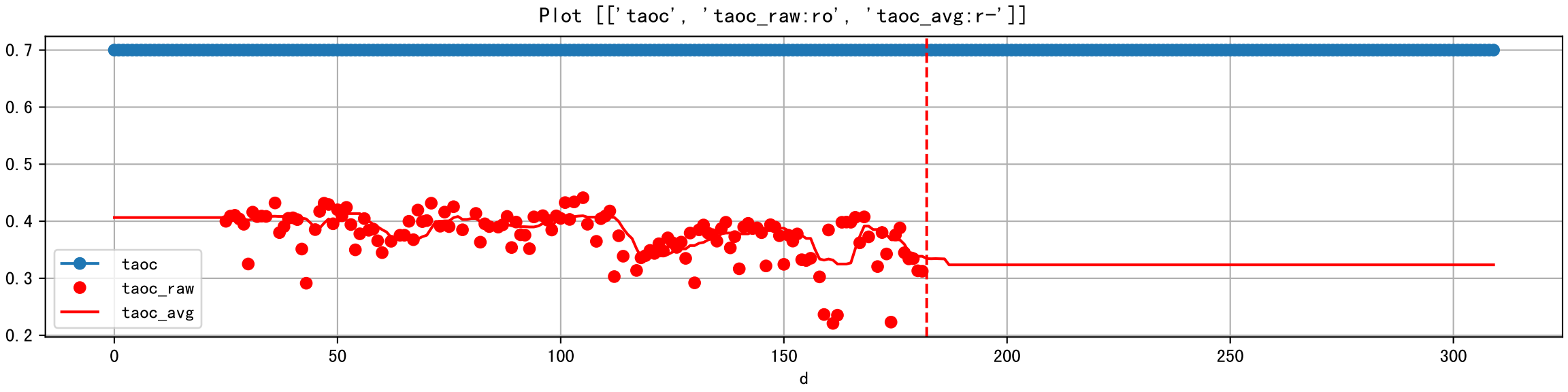


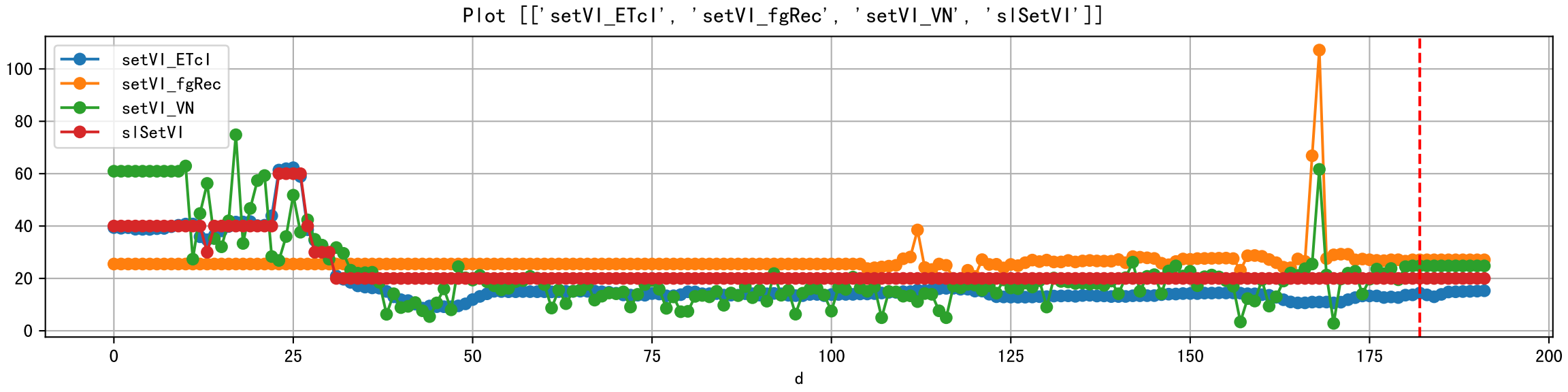


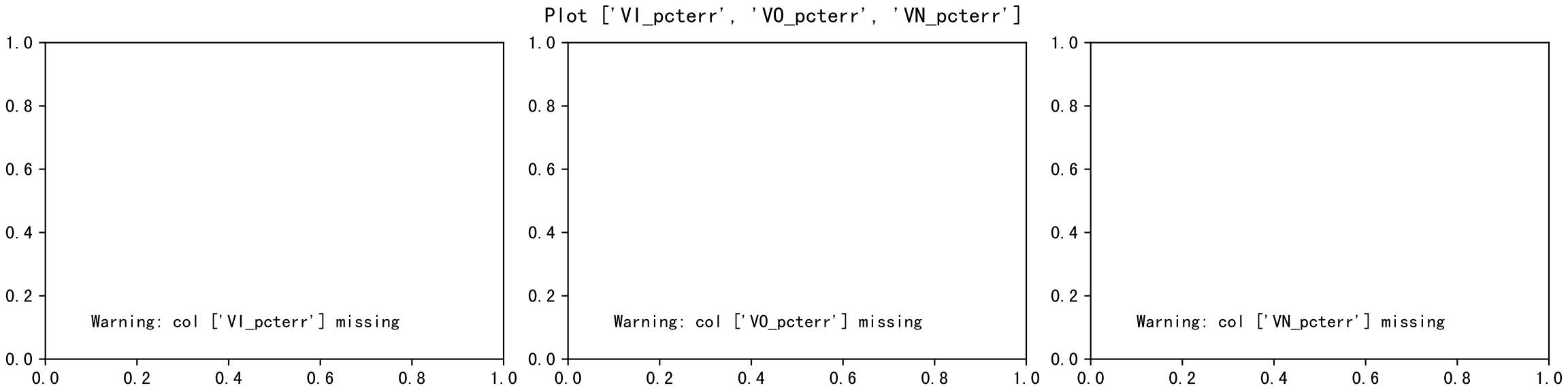


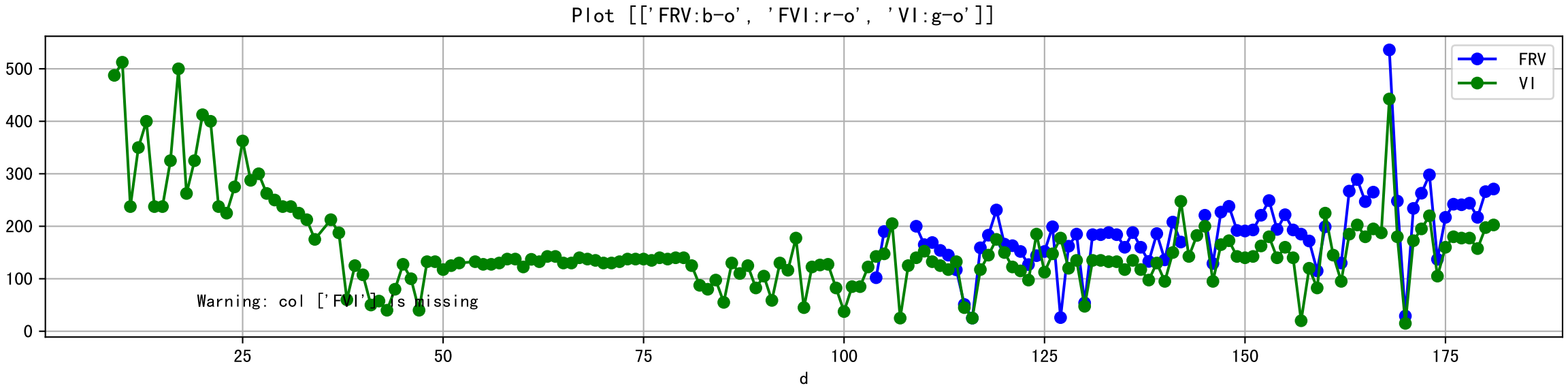


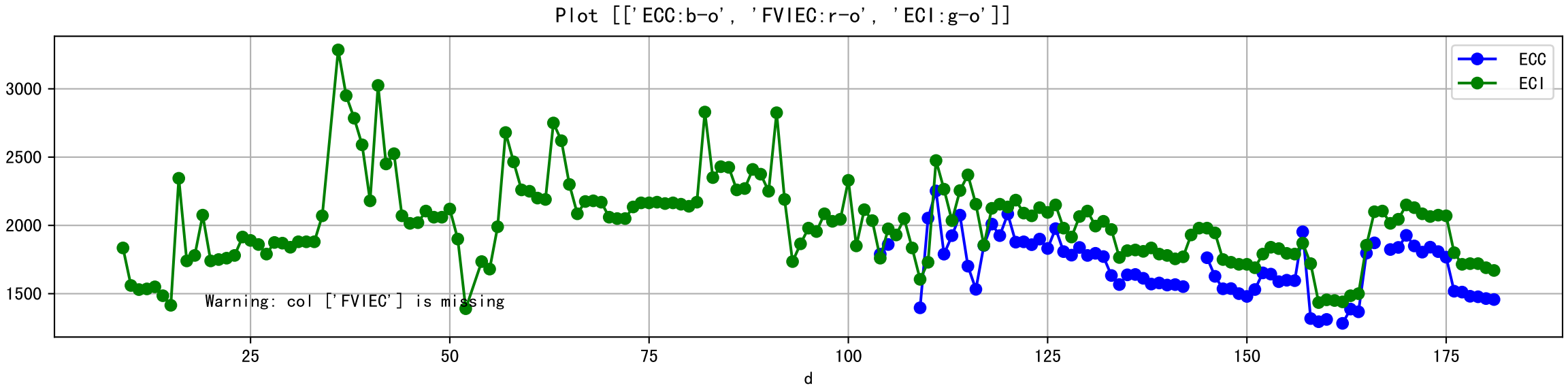


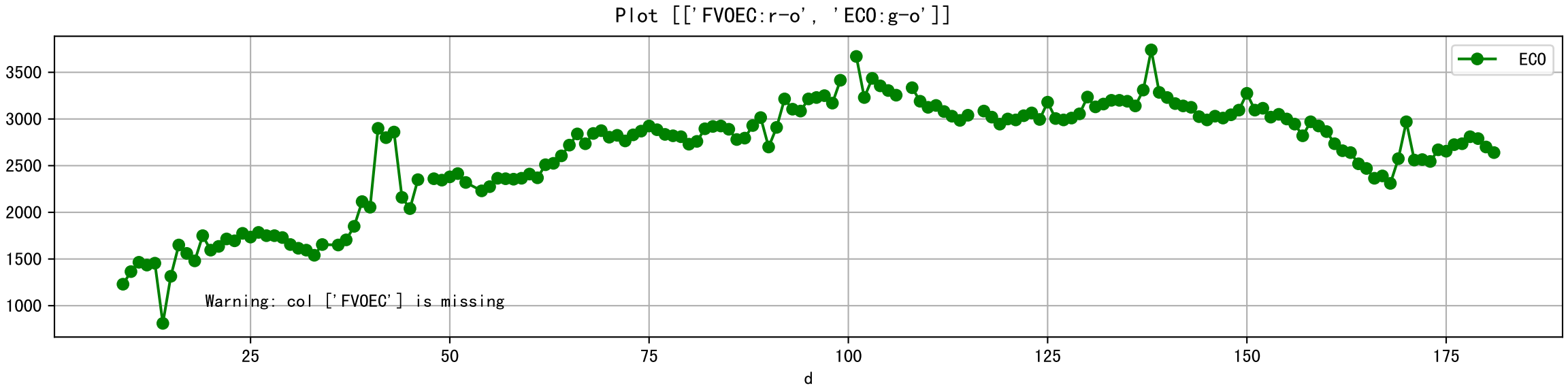

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

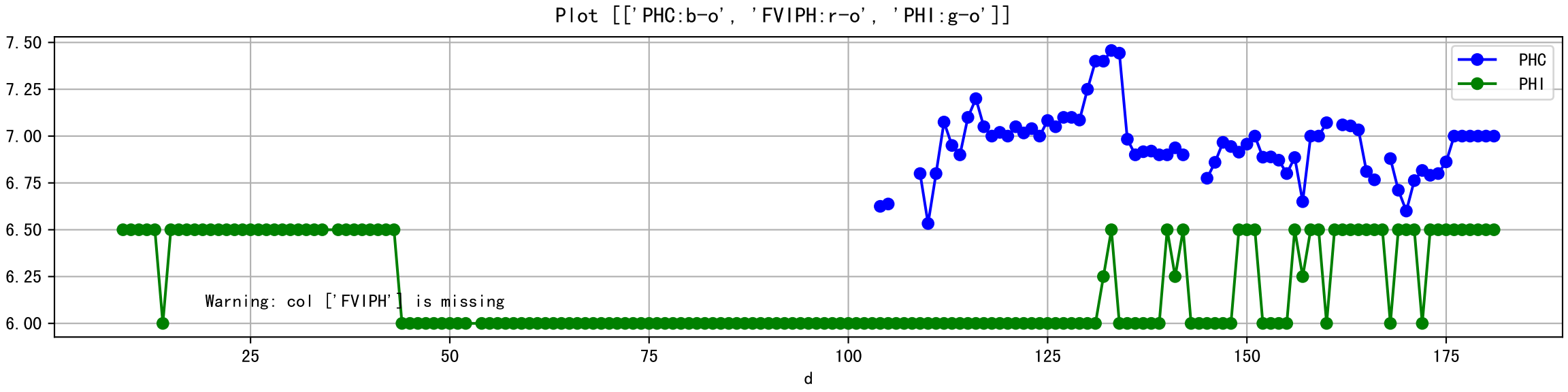

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
0
20
40
60
80
100
0
25
50
75
100
125
150
175
200
d

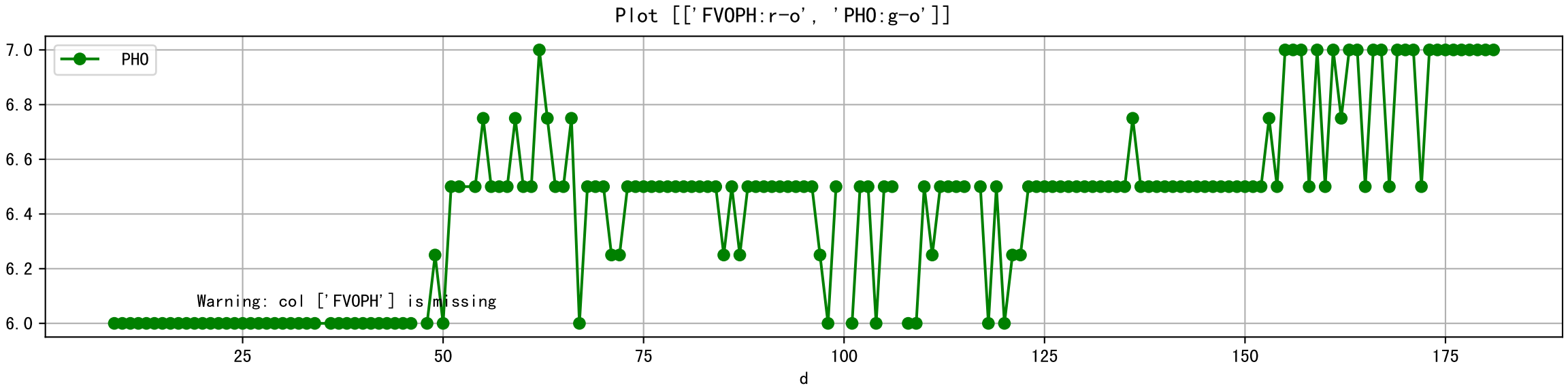

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

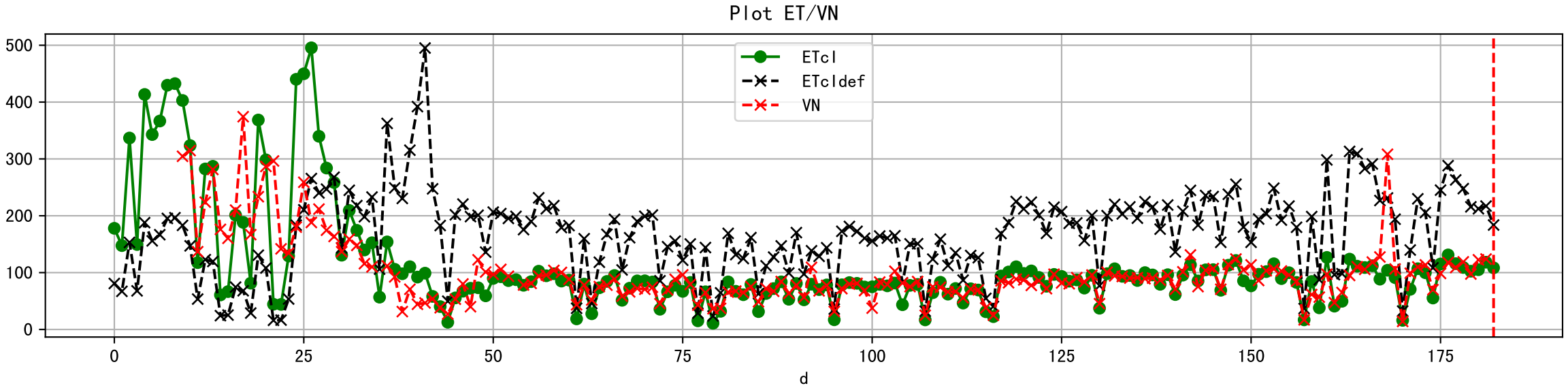

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
0
25
50
75
100
125
150
175
d


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

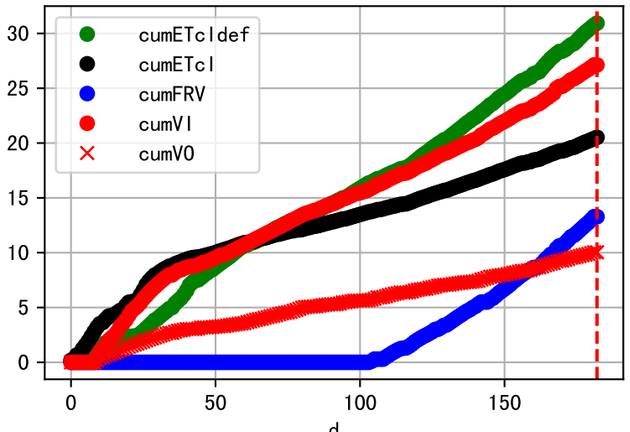

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
25
50
75
100
125
150
175
d

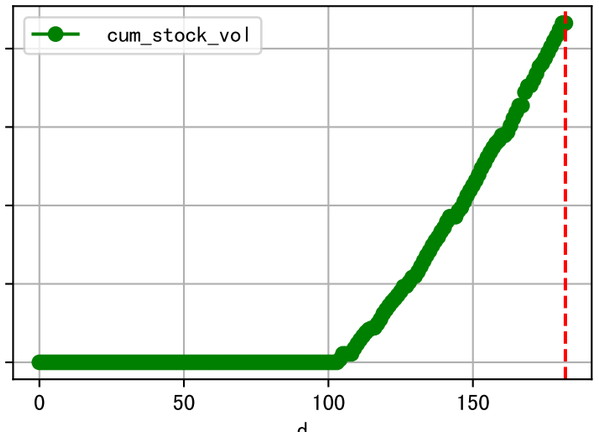

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
25
50
75
100
125
150
175
d
PHC
PHI
Warning: col ['FVIPH'] is missing

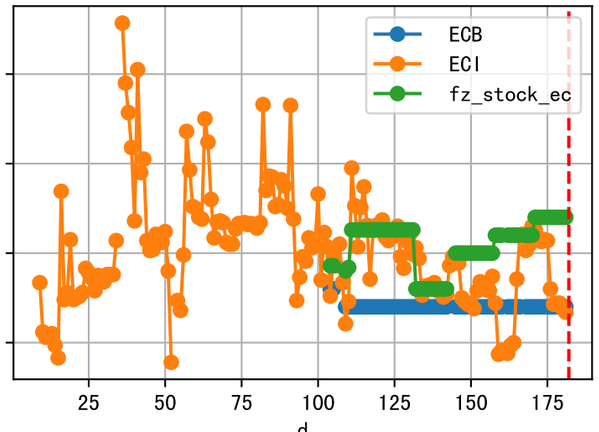

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
25
50
75
100
125
150
175
d

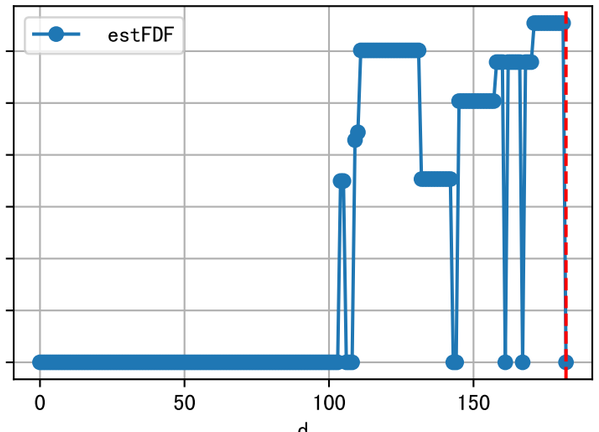

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
d

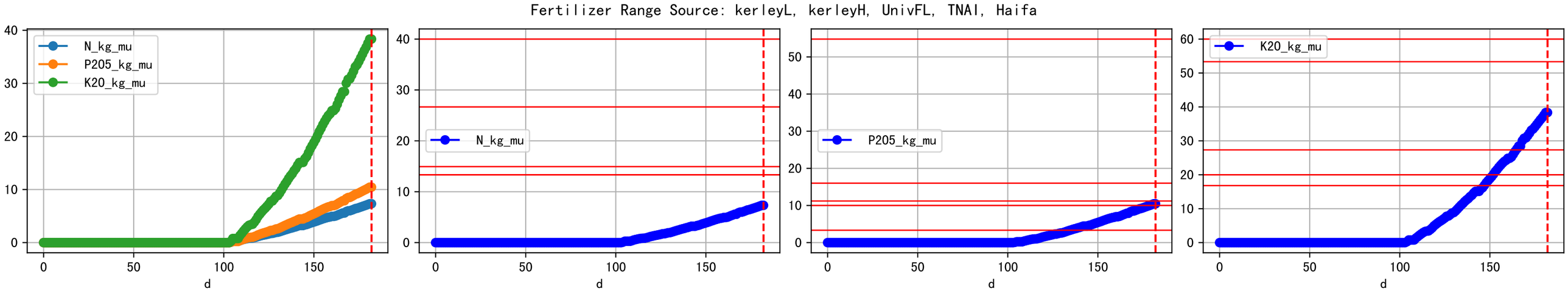
Plot Fv and fertilizer usage

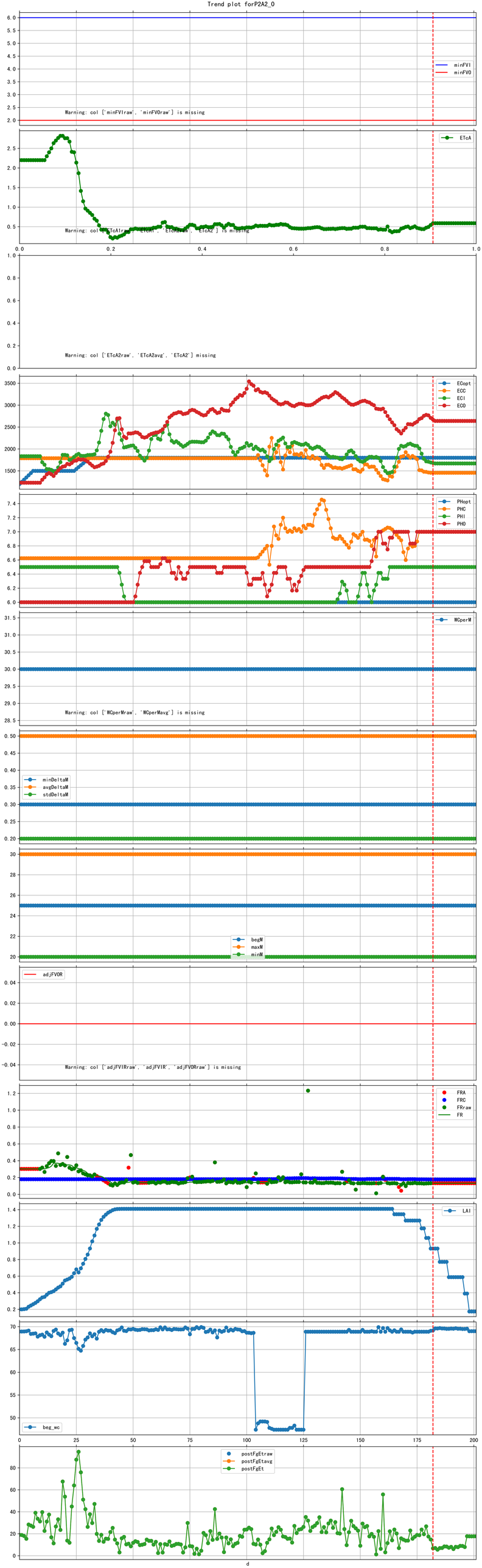


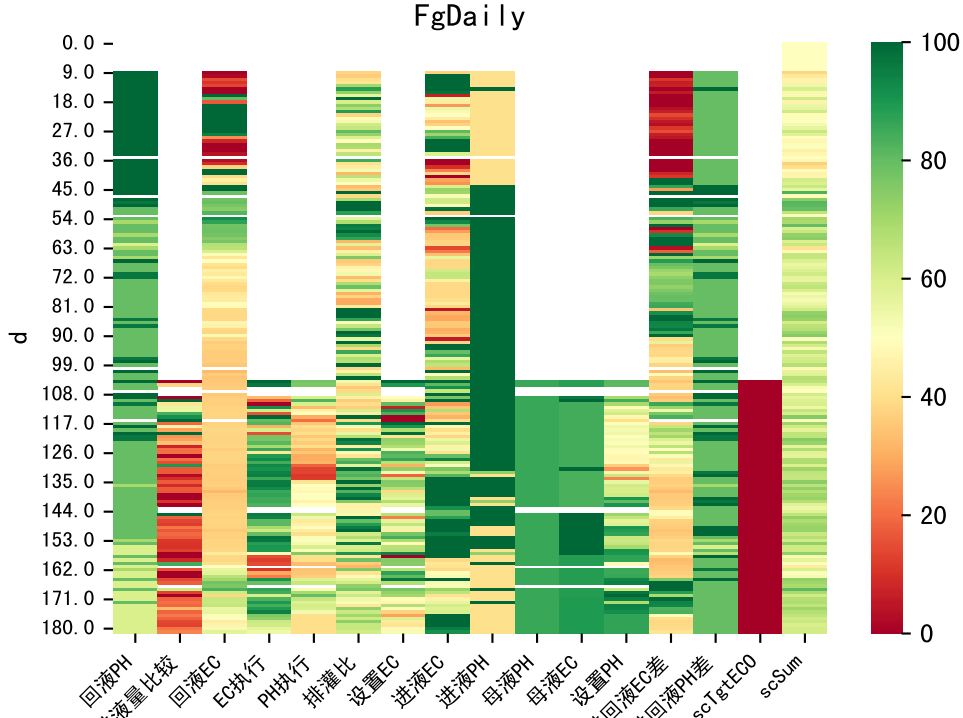




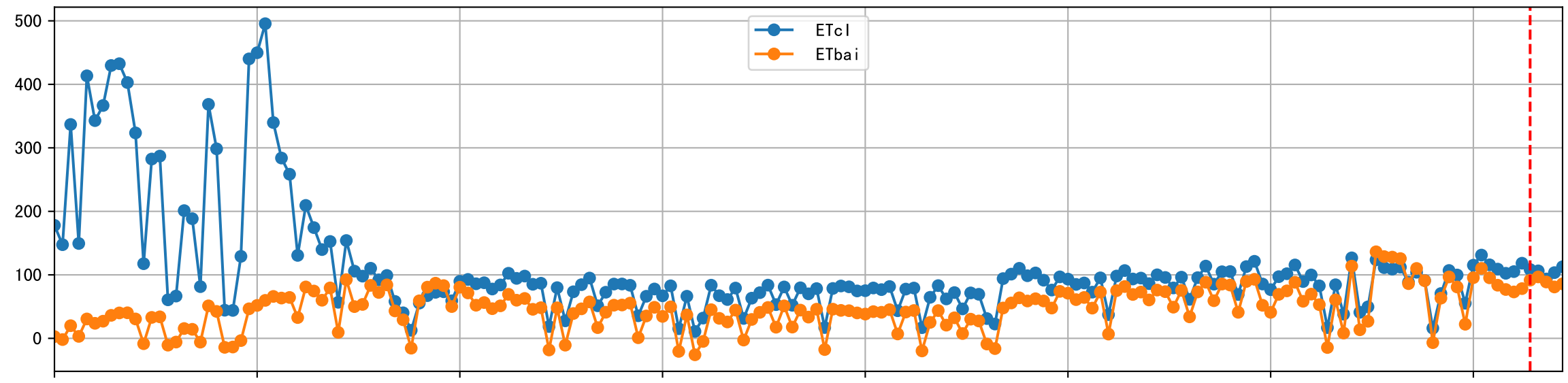


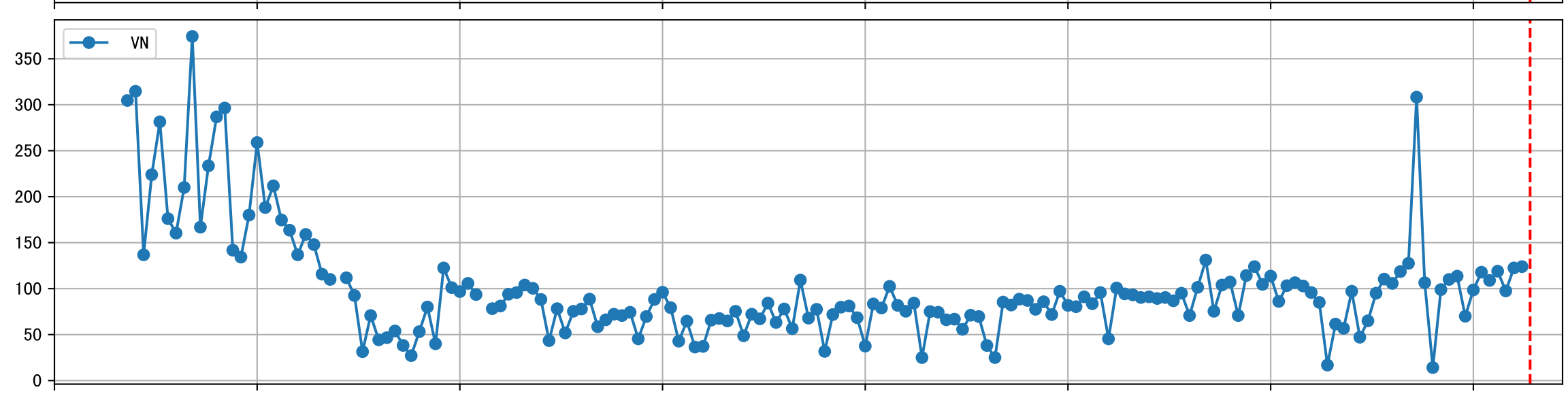

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

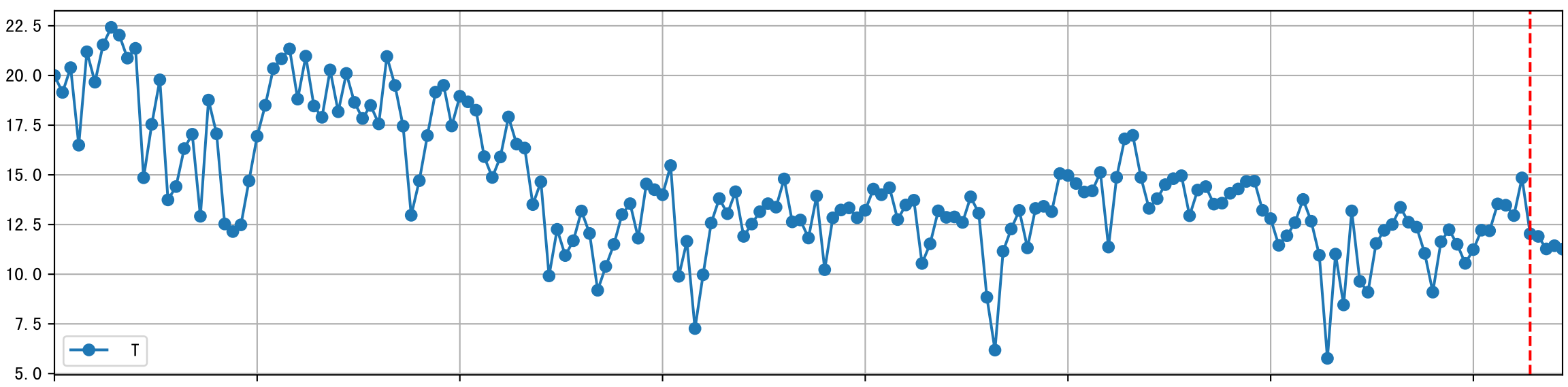

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

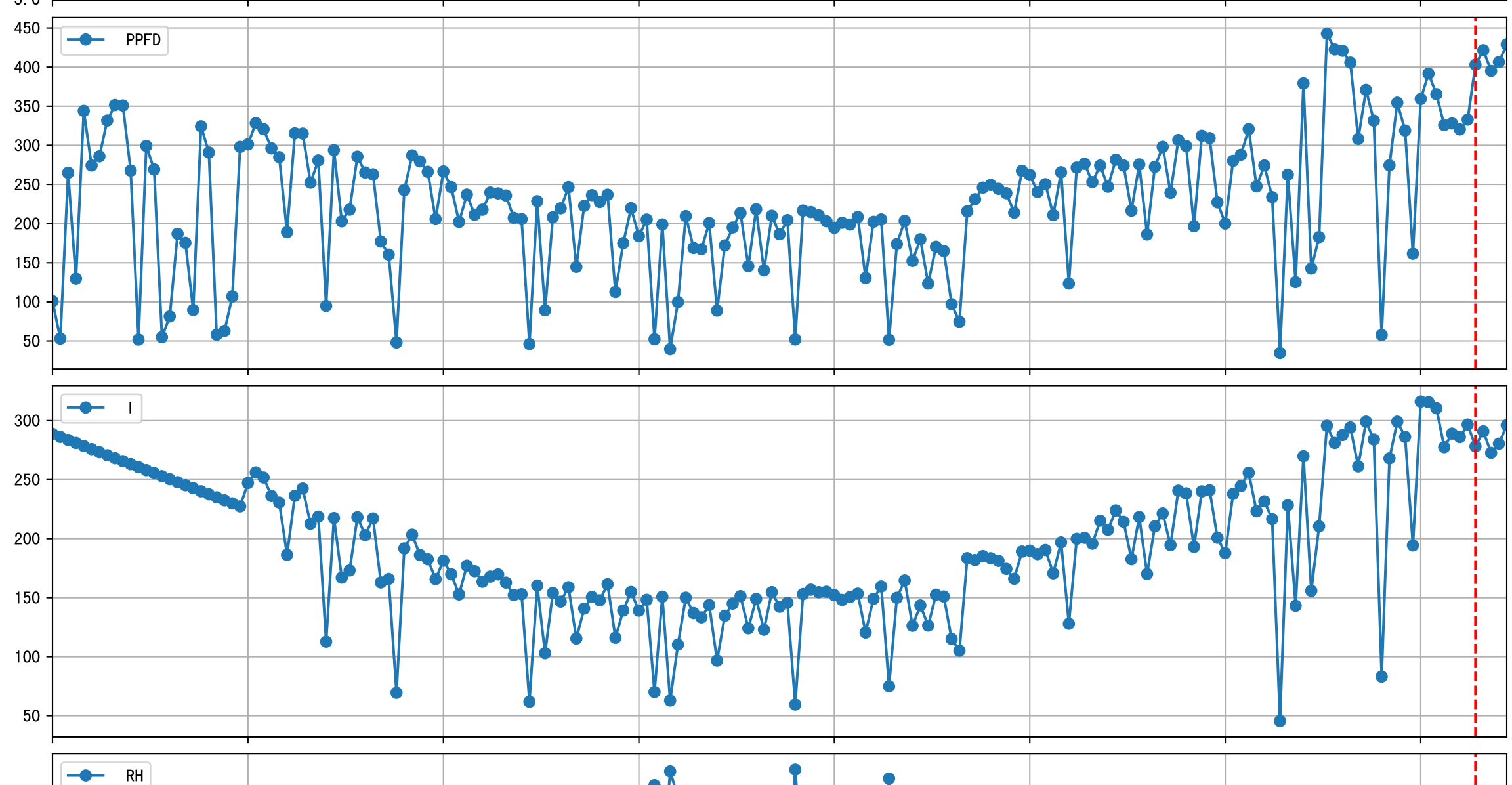

FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
100
80
60
40
20
0
回液PH
液量比较
回液EC
EC执行
PH执行
排灌比
设置EC
进液EC
进液PH
母液PH
母液EC
设置PH
回液EC差
回液PH差
scTgtEC0
scSum

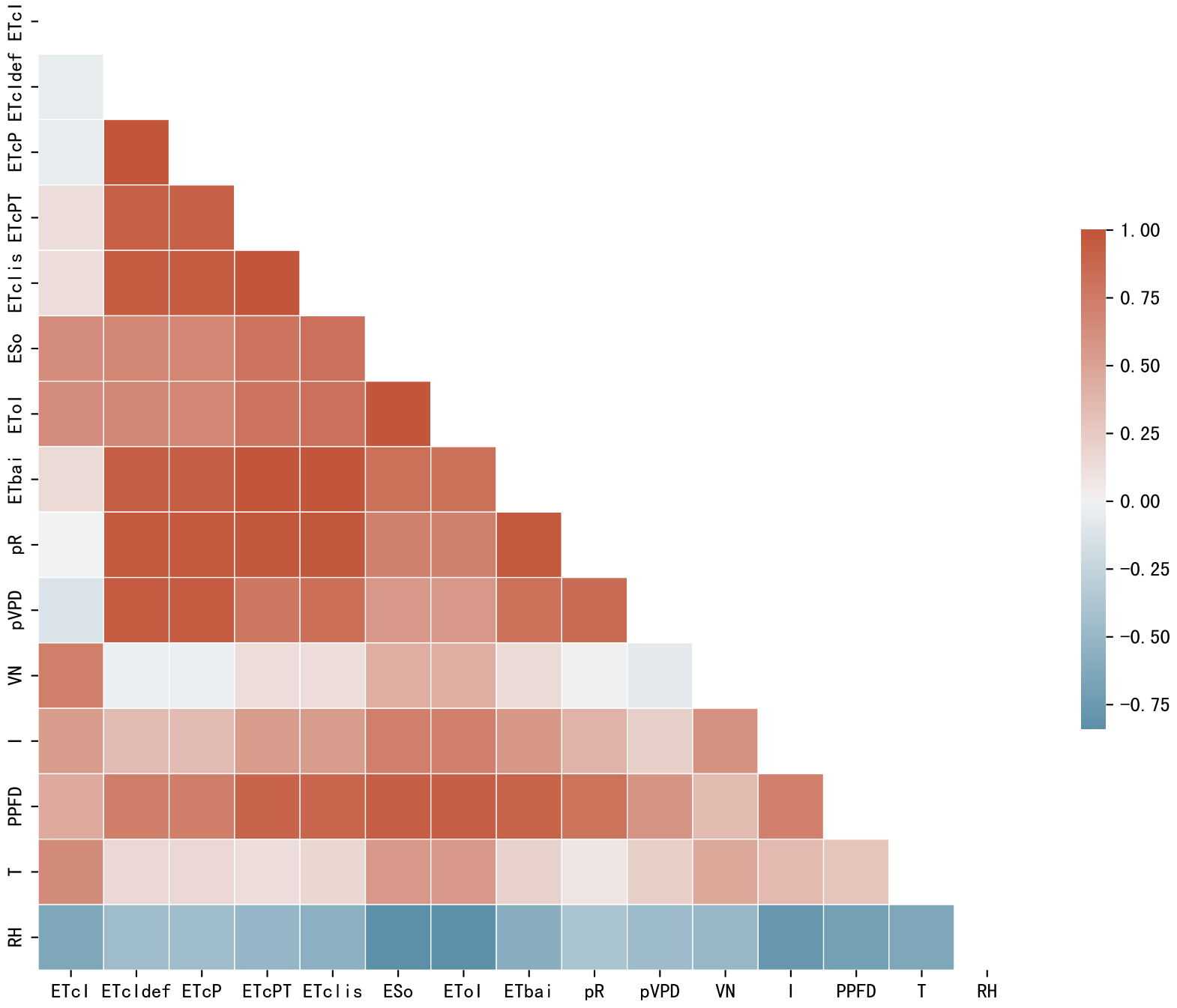
P2A2_0

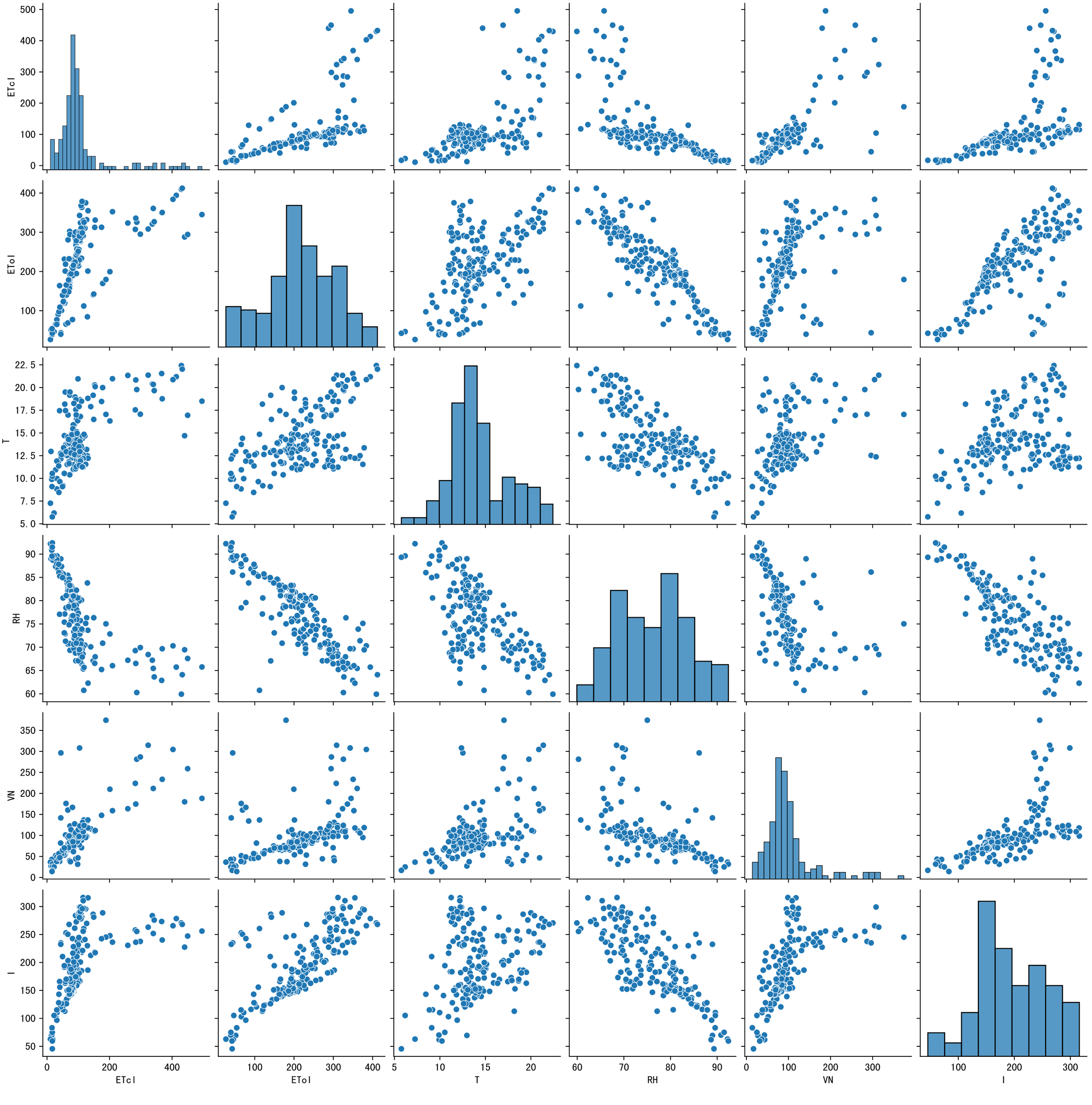


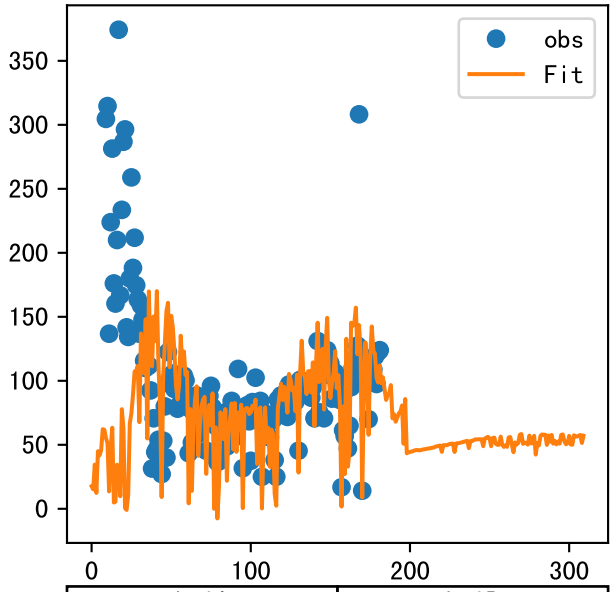


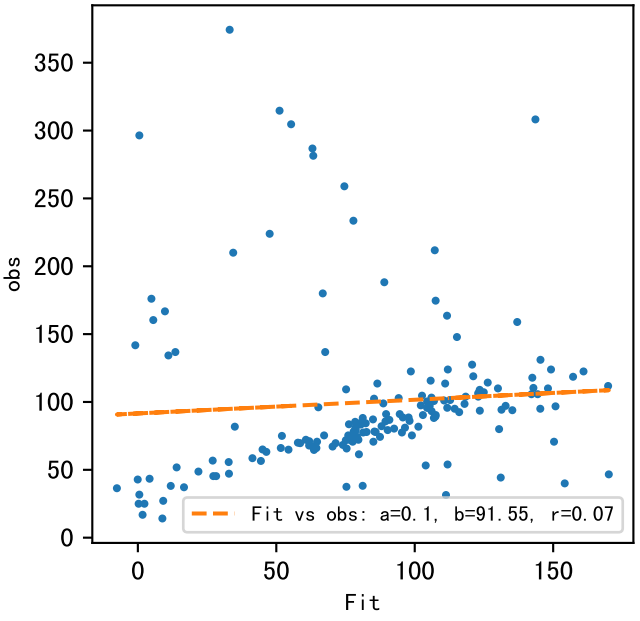




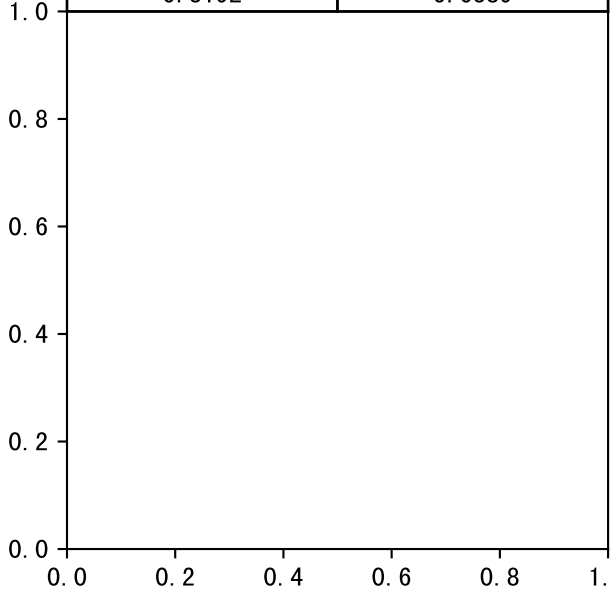

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

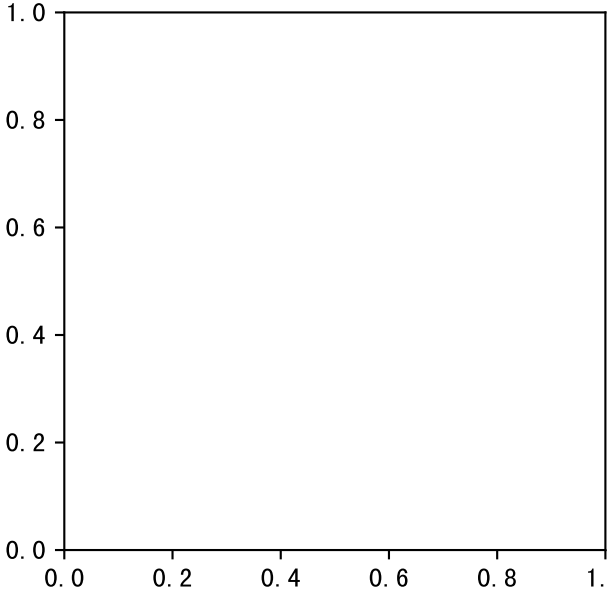

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

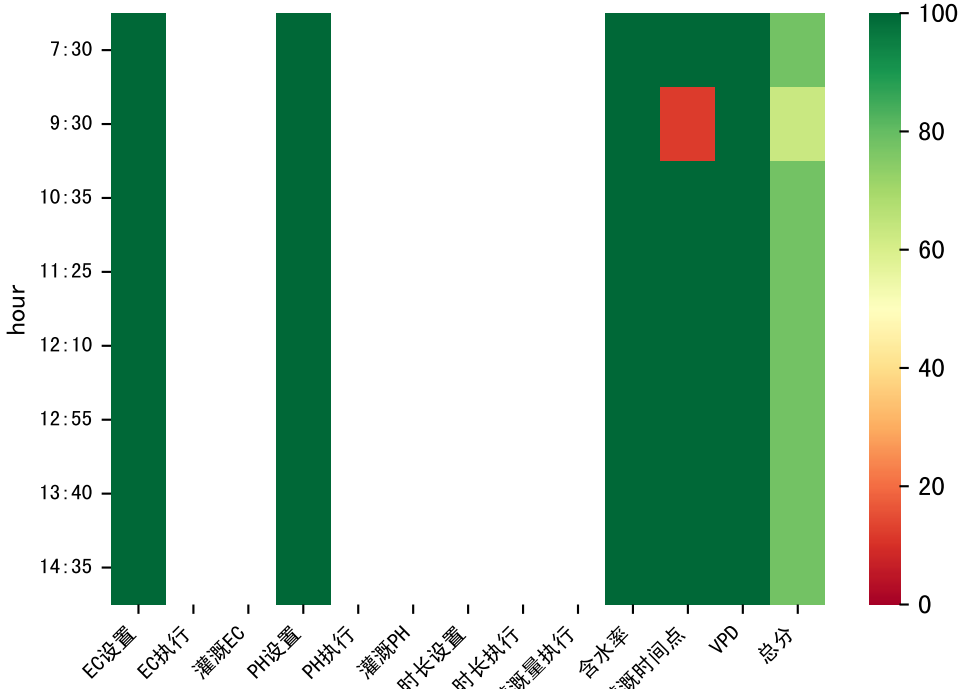




baiA	baiB
0.3192	0.0389

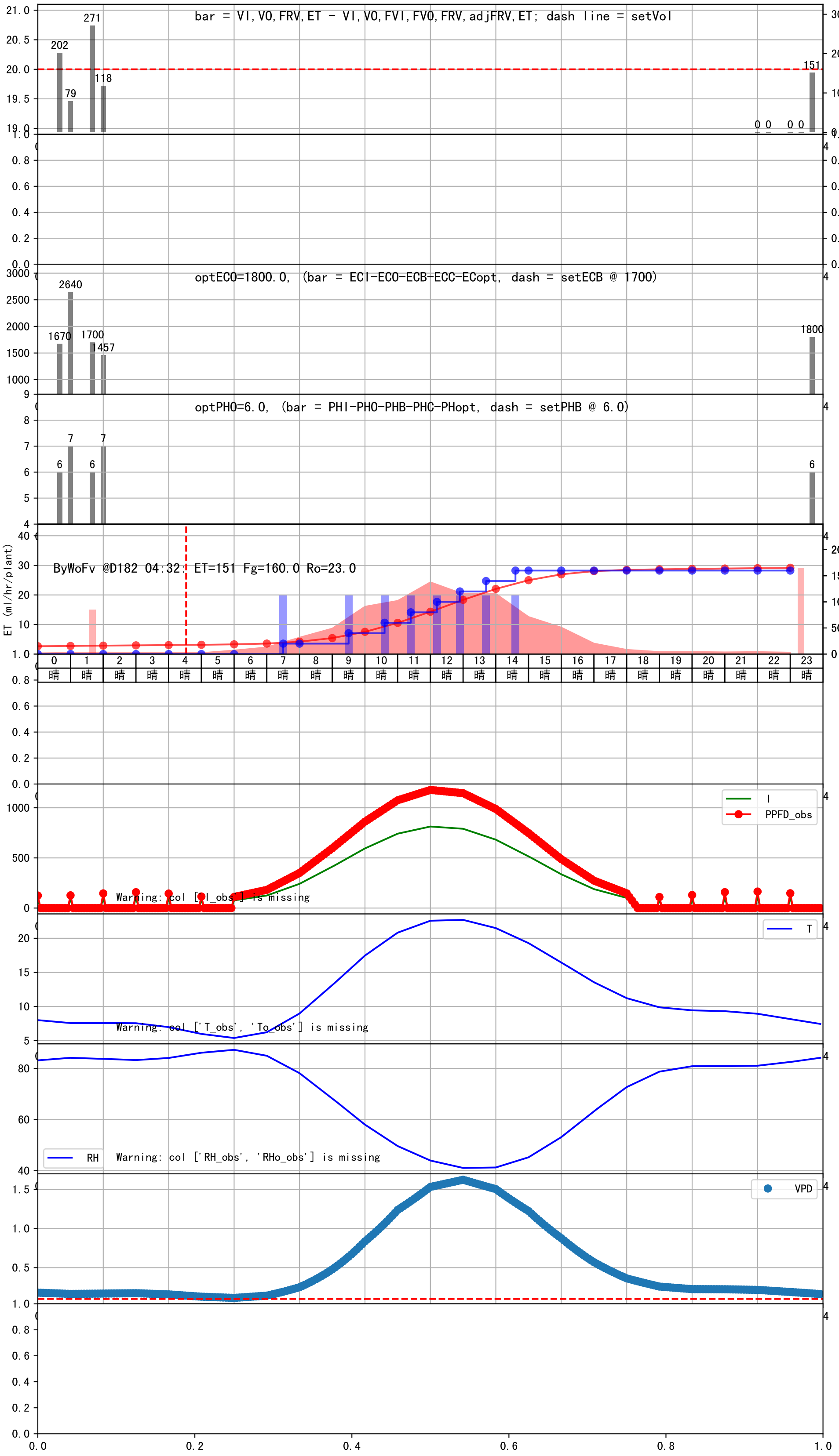


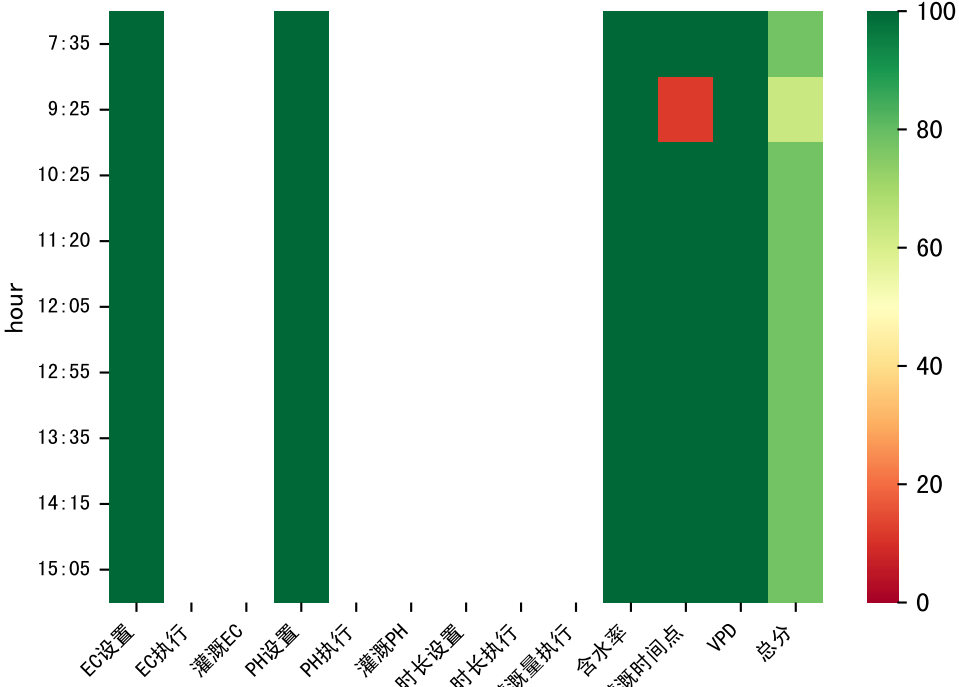



hour
7:30
9:30
10:35
11:25
12:10
12:55
13:40
14:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:30	154	20.0	0.441	晴	预期@07:30 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）
10:35	154	20.0	0.441	晴	预期@10:35 自主（未用传感器）
11:25	154	20.0	0.441	晴	预期@11:25 自主（未用传感器）
12:10	154	20.0	0.441	晴	预期@12:10 自主（未用传感器）
12:55	154	20.0	0.441	晴	预期@12:55 自主（未用传感器）
13:40	154	20.0	0.441	晴	预期@13:40 自主（未用传感器）
14:35	154	20.0	0.441	晴	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

P2A2_0, Day=182 (2026-03-25)

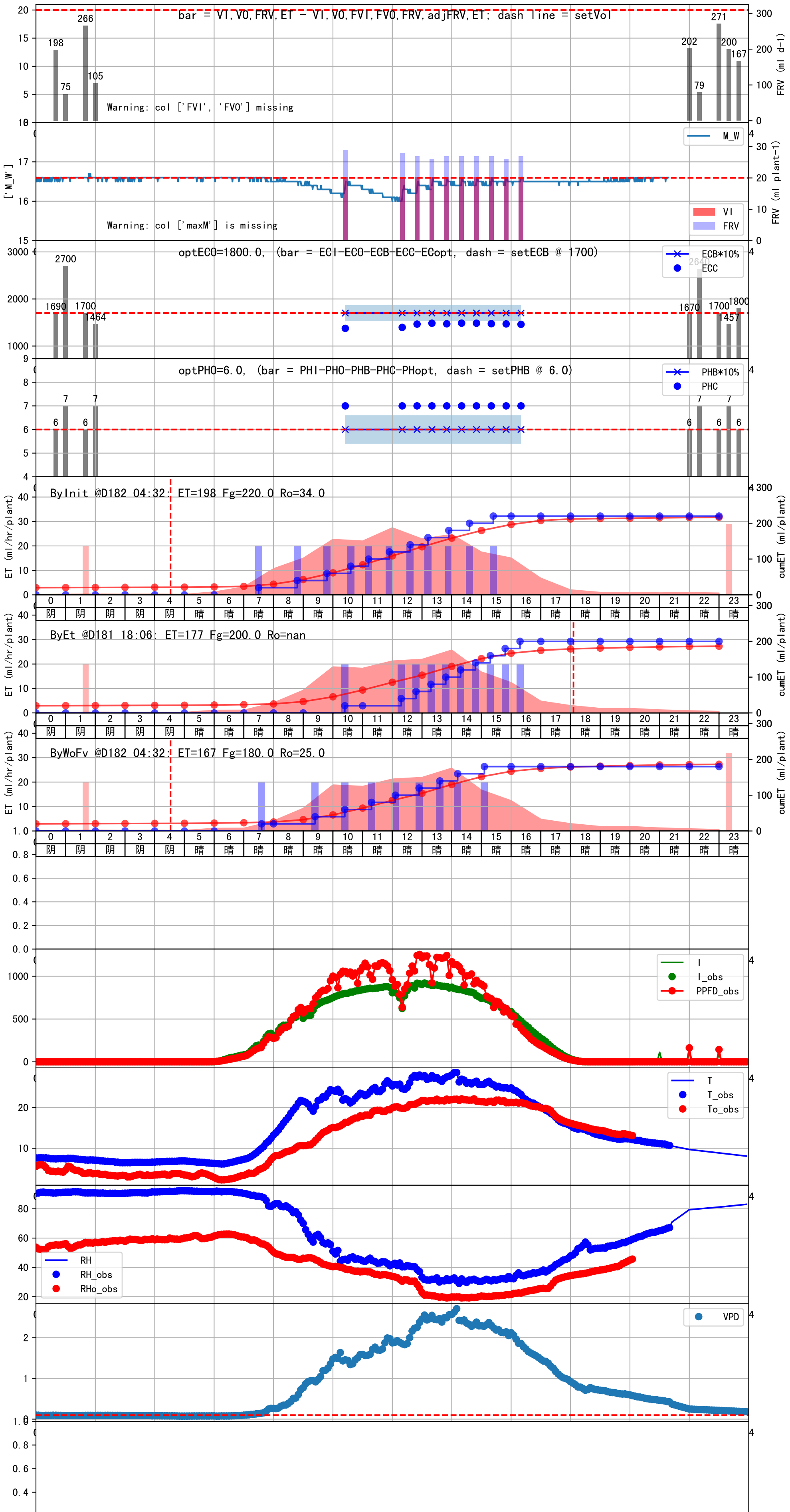


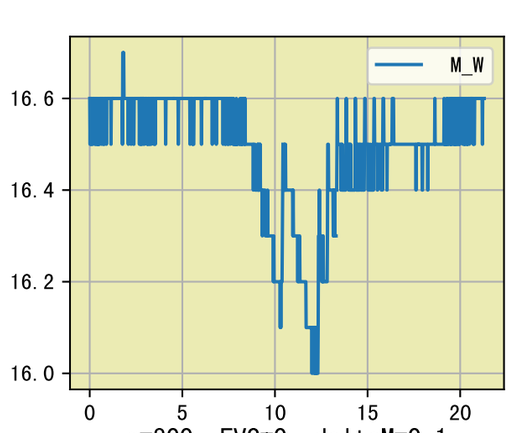

hour
7:35
9:25
10:25
11:20
12:05
12:55
13:35
14:15
15:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

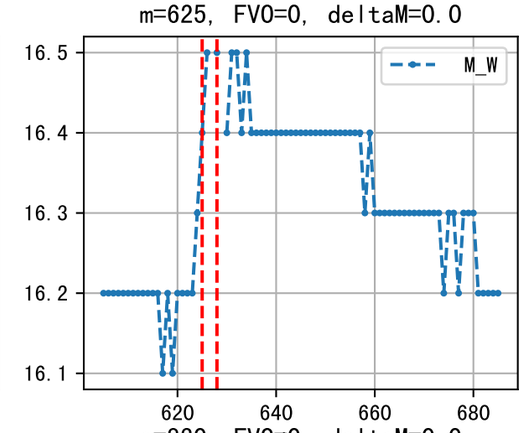
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:35	154	20.0	0.441	晴	假设@07:35 自动（未用传感器）
09:25	154	20.0	0.441	晴	假设@09:25 自动（未用传感器）
10:25	154	20.0	0.441	晴	假设@10:25 自动（未用传感器）
11:20	154	20.0	0.441	晴	假设@11:20 自动（未用传感器）
12:05	154	20.0	0.441	晴	假设@12:05 自动（未用传感器）
12:55	154	20.0	0.441	晴	假设@12:55 自动（未用传感器）
13:35	154	20.0	0.441	晴	假设@13:35 自动（未用传感器）
14:15	154	20.0	0.441	晴	假设@14:15 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）
总计	1386.0 (9次)	180.0			建议进液EC：1700， PH：6.0

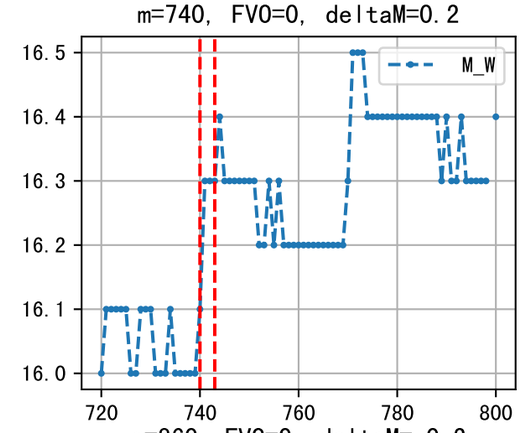
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

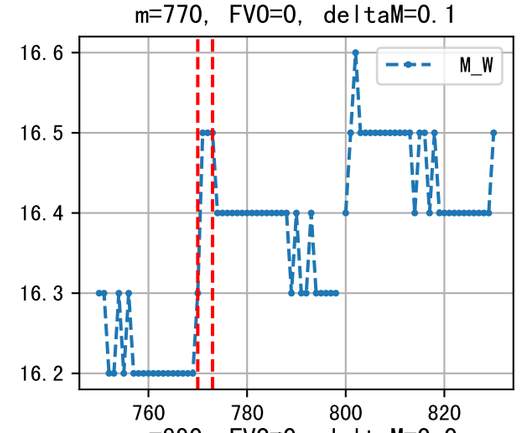
P2A2_0, Day=181.0 (2026-03-24)

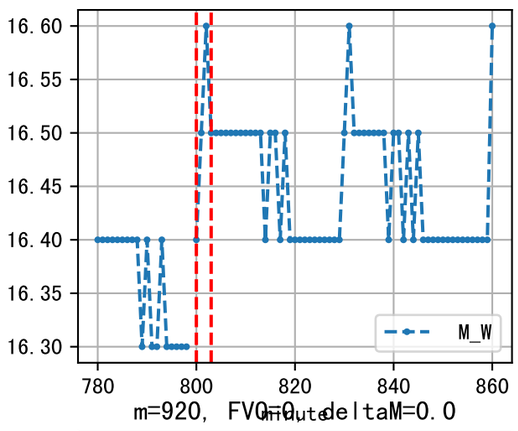


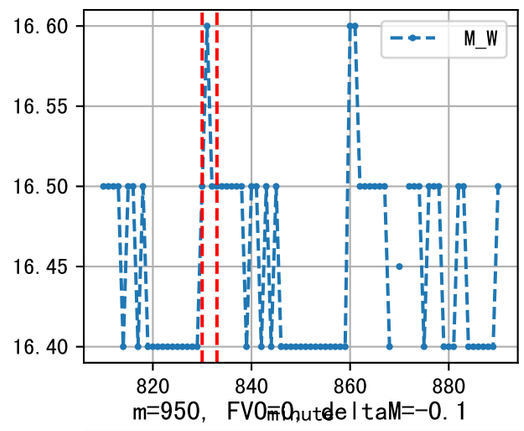

M_W
16.6
16.4
16.2
16.0
0
5
10
15
20

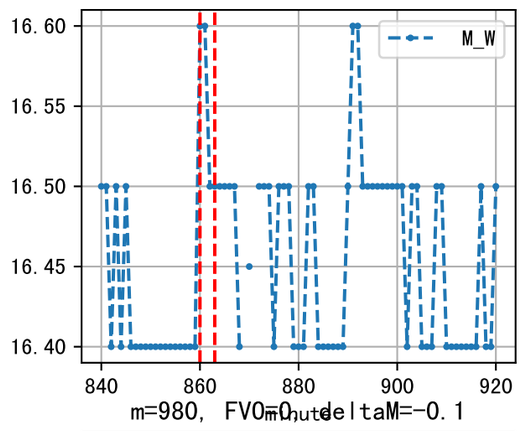

m=625, FV0=0, deltaM=0.0
M_W
16.5
16.4
16.3
16.2
16.1
620
640
660
680

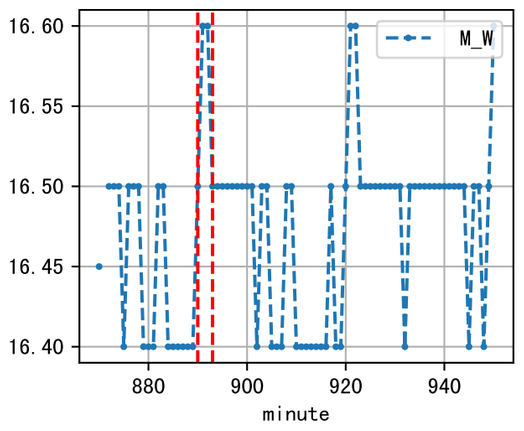

m=740, FV0=0, deltaM=0.2
M_W
16.5
16.4
16.3
16.2
16.1
16.0
720
740
760
780
800

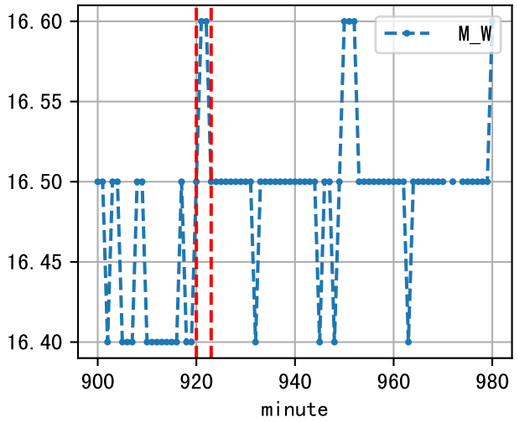

m=770, FV0=0, deltaM=0.1
M_W
16.6
16.5
16.4
16.3
16.2
760
780
800
820

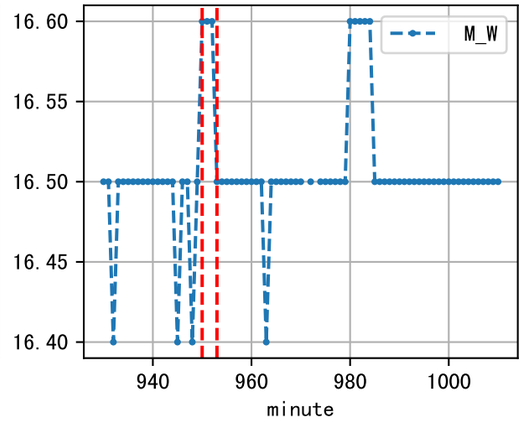

m=800, FV0=0, deltaM=0.1
M_W
16.60
16.55
16.50
16.45
16.40
16.35
16.30
780
800
820
840
860

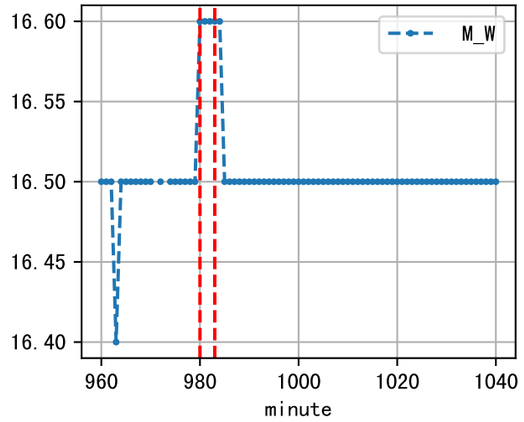

m=830, FV0=0, deltaM=0.0
M_W
16.60
16.55
16.50
16.45
16.40
820
840
860
880

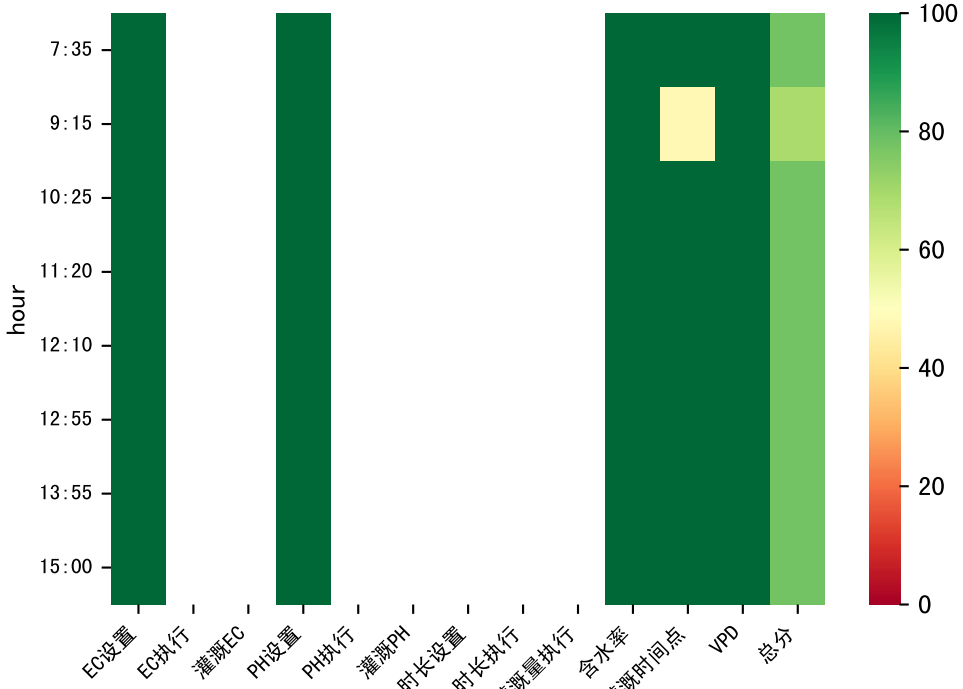

m=860, FV0=0, deltaM=-0.2
M_W
16.60
16.55
16.50
16.45
16.40
840
860
880
900
920


m=890, FV0=0, deltaM=0.0
M_W
16.60
16.55
16.50
16.45
16.40
880
900
920
940
minute


m=920, FV0=0, deltaM=0.0
M_W
16.60
16.55
16.50
16.45
16.40
900
920
940
960
980
minute


m=950, FV0=0, deltaM=-0.1
M_W
16.60
16.55
16.50
16.45
16.40
940
960
980
1000
minute

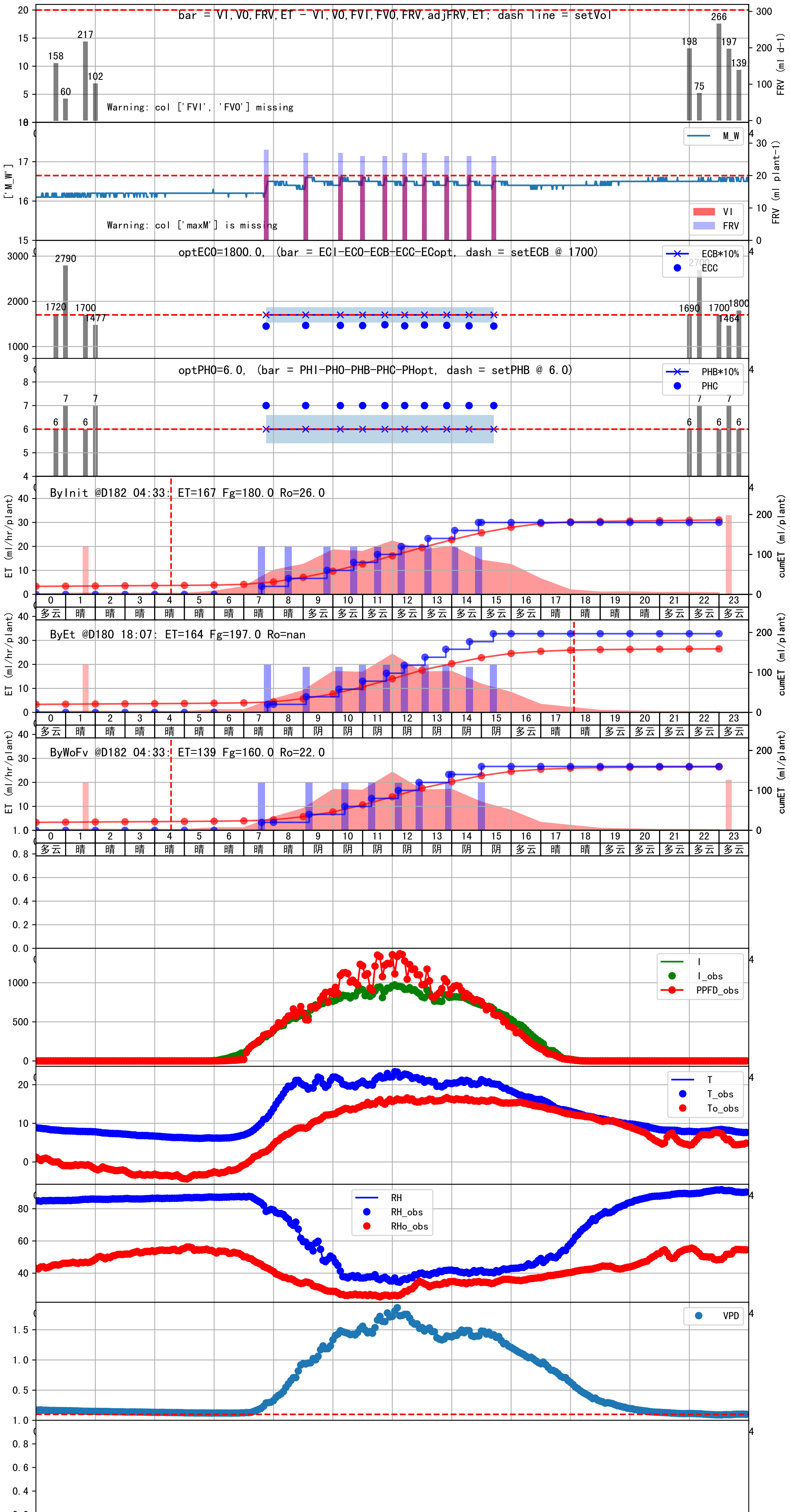

m=980, FV0=0, deltaM=-0.1
M_W
16.60
16.55
16.50
16.45
16.40
960
980
1000
1020
1040
minute

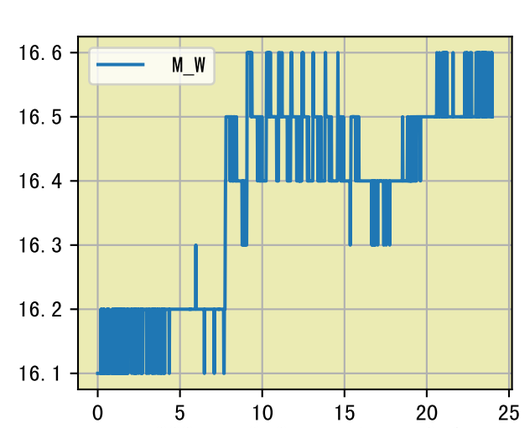

hour
7:35
9:15
10:25
11:20
12:10
12:55
13:55
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

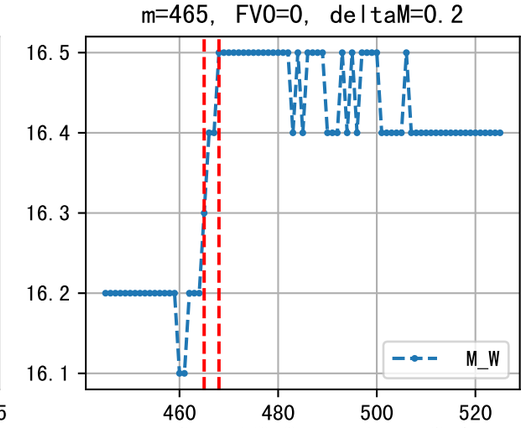
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:35	152	20.0	0.441	晴	假设@07:35 自动（未用传感器）
09:15	152	20.0	0.441	阴	假设@09:15 自动（未用传感器）
10:25	152	20.0	0.441	阴	假设@10:25 自动（未用传感器）
11:20	152	20.0	0.441	阴	假设@11:20 自动（未用传感器）
12:10	152	20.0	0.441	阴	假设@12:10 自动（未用传感器）
12:55	152	20.0	0.441	阴	假设@12:55 自动（未用传感器）
13:55	152	20.0	0.441	阴	假设@13:55 自动（未用传感器）
15:00	152	20.0	0.441	阴	假设@15:00 自动（未用传感器）
总计	1216.0 (8次)	160.0			建议进液EC：1700， PH：6.0

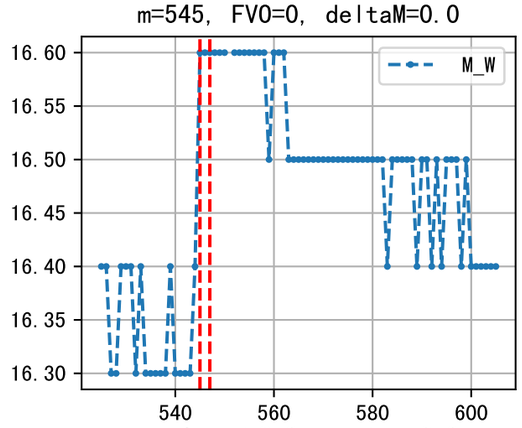
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (26.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

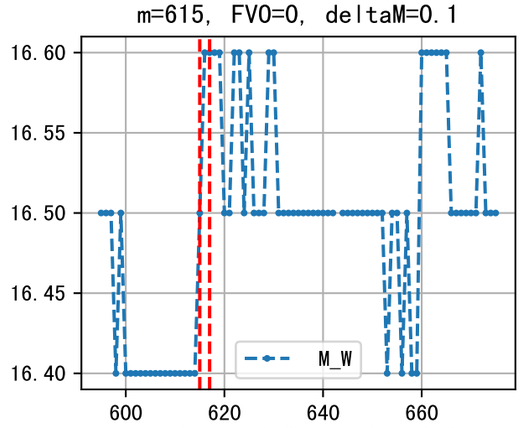
P2A2_0, Day=180.0 (2026-03-23)

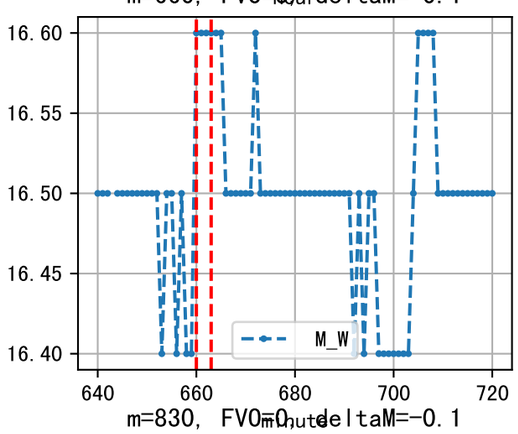


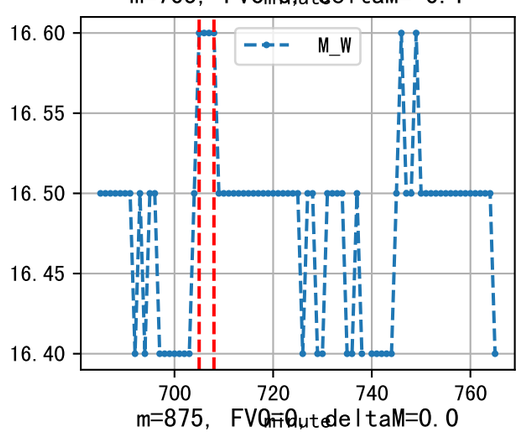

M_W

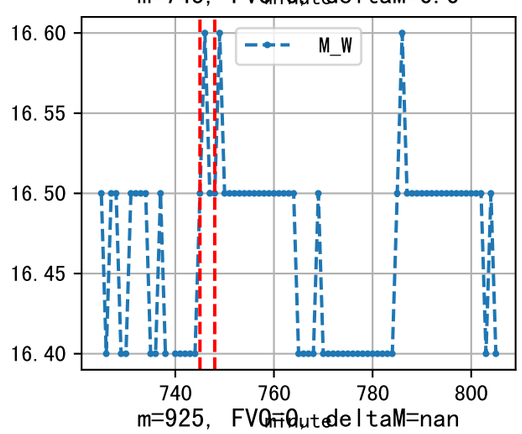

m=465, FVO=0, deltaM=0.2
M_W

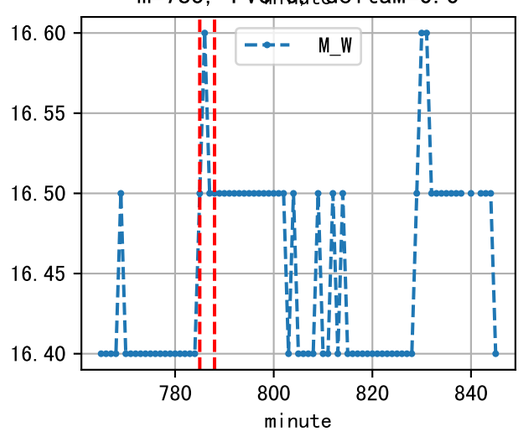

m=545, FVO=0, deltaM=0.0
M_W

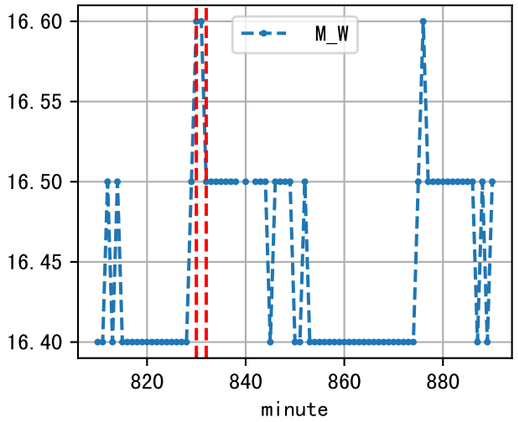

m=615, FVO=0, deltaM=0.1
M_W

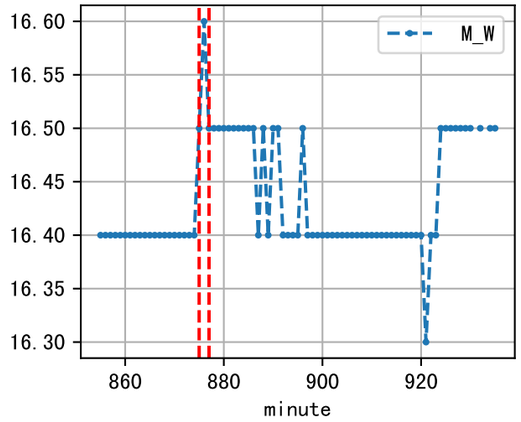

m=660, FVO=0, deltaM=-0.1
M_W

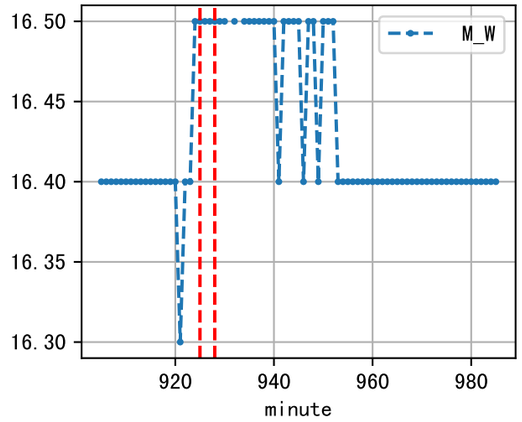

m=705, FVO=0, deltaM=-0.1
M_W

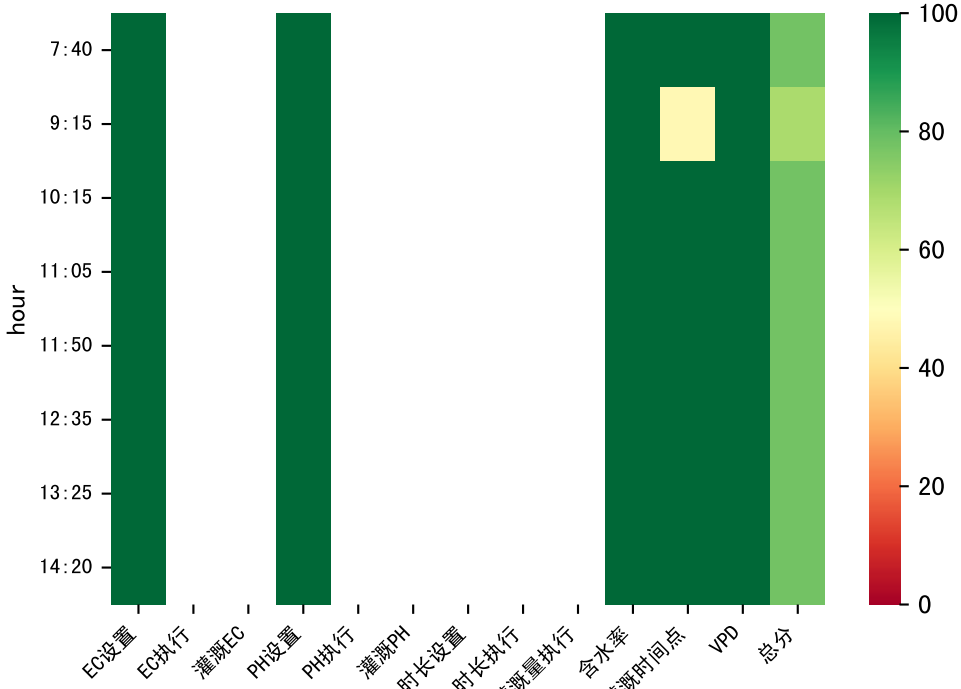

m=745, FVO=0, deltaM=0.0
M_W


m=785, FVO=0, deltaM=0.0
M_W
minute


m=830, FVO=0, deltaM=-0.1
M_W
minute


m=875, FVO=0, deltaM=0.0
M_W
minute

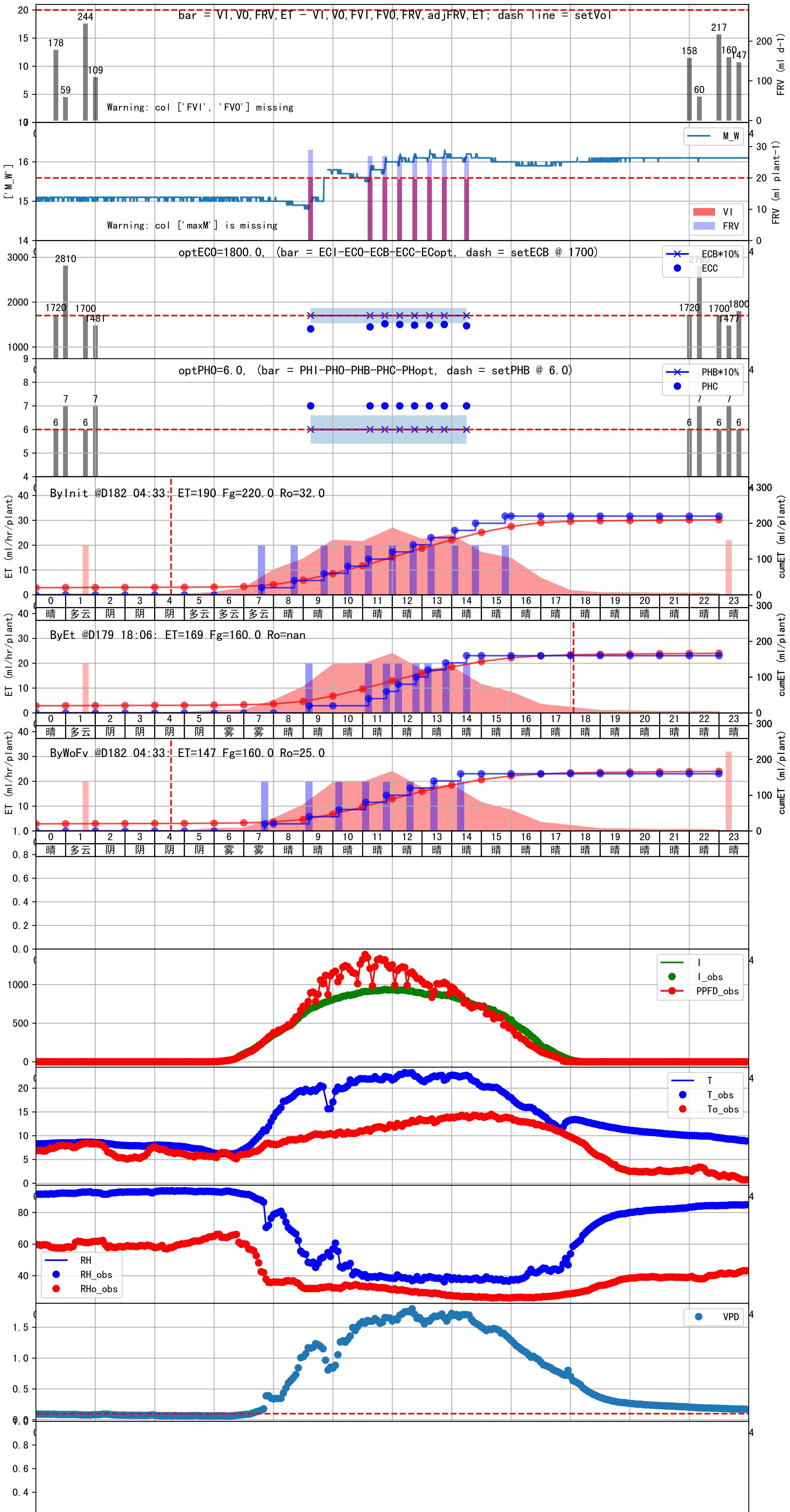

m=925, FVO=0, deltaM=nan
M_W
minute

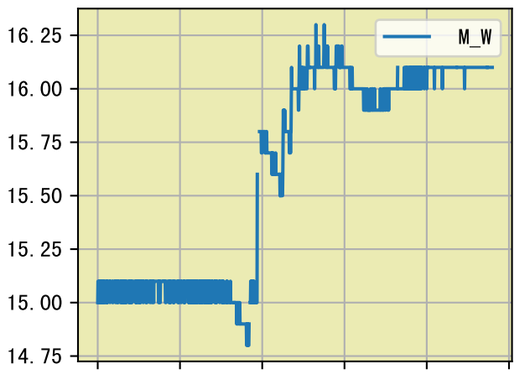

hour
7:40
9:15
10:15
11:05
11:50
12:35
13:25
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

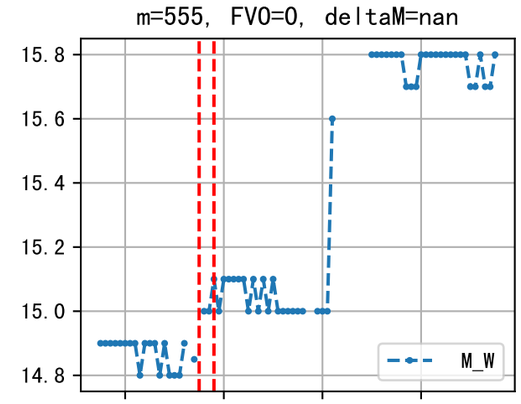
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:40	152	20.0	0.441	雾	假设@07:40 自动（未用传感器）
09:15	152	20.0	0.441	晴	假设@09:15 自动（未用传感器）
10:15	152	20.0	0.441	晴	假设@10:15 自动（未用传感器）
11:05	152	20.0	0.441	晴	假设@11:05 自动（未用传感器）
11:50	152	20.0	0.441	晴	假设@11:50 自动（未用传感器）
12:35	152	20.0	0.441	晴	假设@12:35 自动（未用传感器）
13:25	152	20.0	0.441	晴	假设@13:25 自动（未用传感器）
14:20	152	20.0	0.441	晴	假设@14:20 自动（未用传感器）
总计	1216.0 (8次)	160.0			建议进液EC：1700， PH：6.0

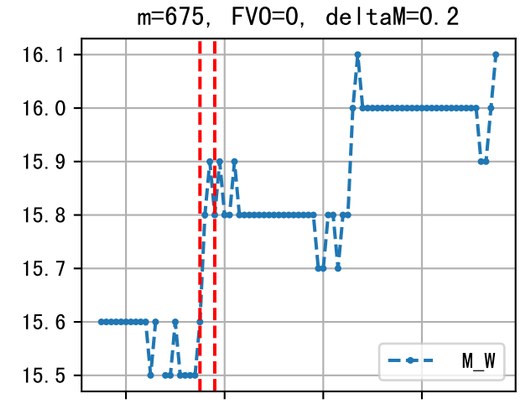
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

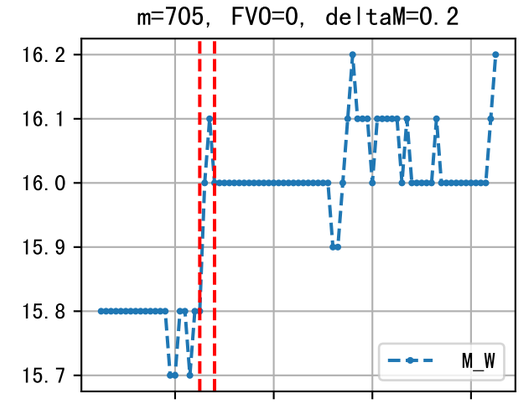
P2A2_0, Day=179.0 (2026-03-22)

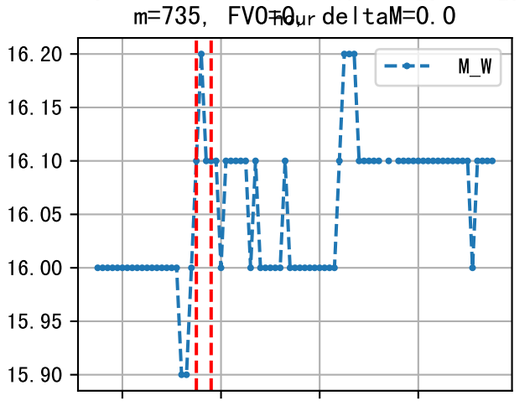


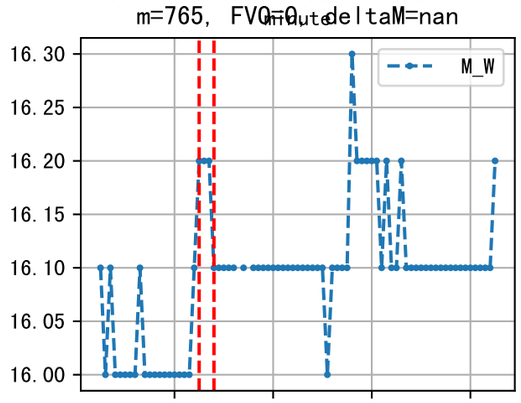

M_W
16.25
16.00
15.75
15.50
15.25
15.00
14.75
0
5
10
15
20
25

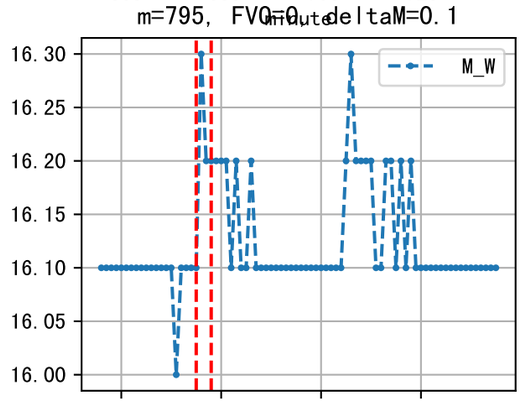

m=555, FV0=0, deltaM=nan
M_W
15.8
15.6
15.4
15.2
15.0
14.8
540
560
580
600

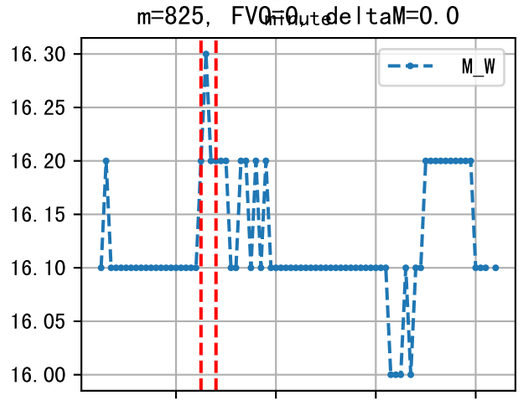

m=675, FV0=0, deltaM=0.2
M_W
16.1
16.0
15.9
15.8
15.7
15.6
15.5
660
680
700
720

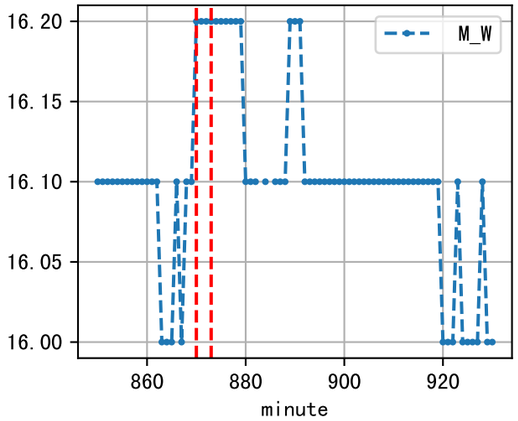

m=705, FV0=0, deltaM=0.2
M_W
16.2
16.1
16.0
15.9
15.8
15.7
700
720
740
760

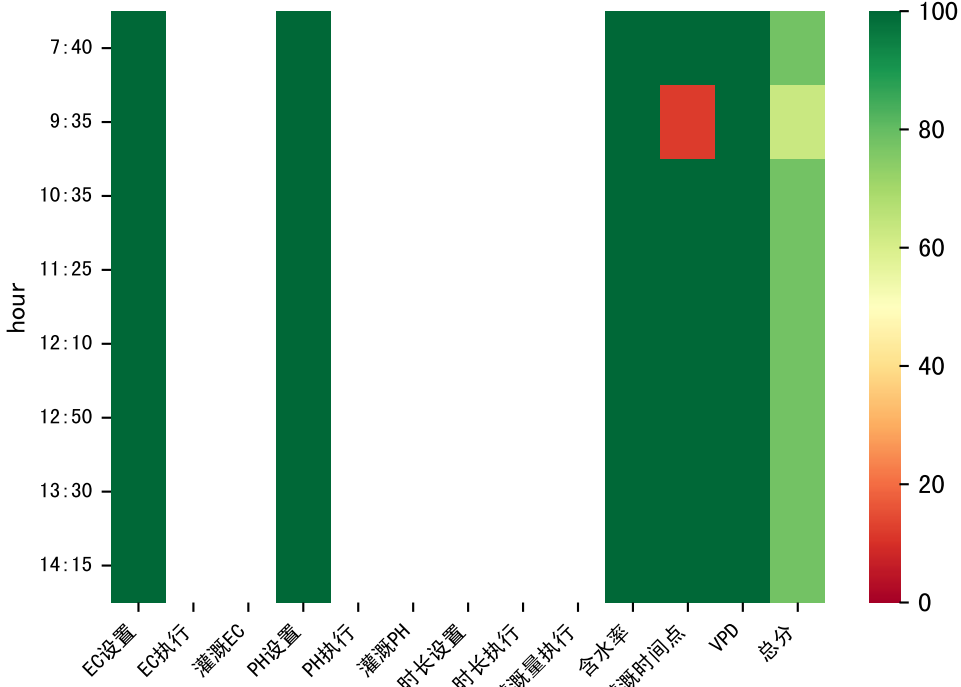

m=735, FV0=0, deltaM=0.0
M_W
16.20
16.15
16.10
16.05
16.00
15.95
15.90
720
740
760
780


m=765, FV0=0, deltaM=nan
M_W
16.30
16.25
16.20
16.15
16.10
16.05
16.00
760
780
800
820
minute


m=795, FV0=0, deltaM=0.1
M_W
16.30
16.25
16.20
16.15
16.10
16.05
16.00
780
800
820
840
minute


m=825, FV0=0, deltaM=0.0
M_W
16.30
16.25
16.20
16.15
16.10
16.05
16.00
820
840
860
880
minute

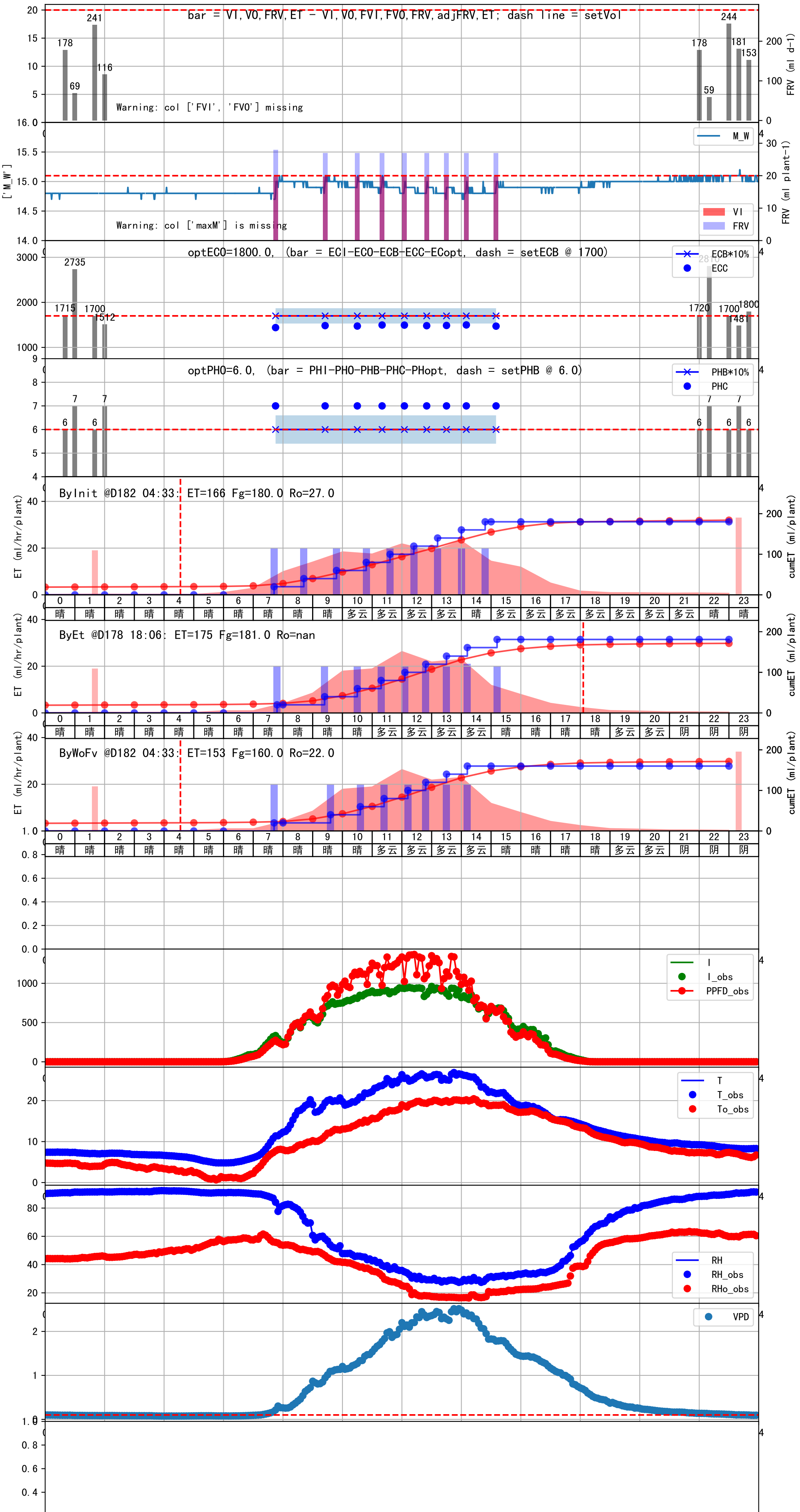

m=870, FV0=0, deltaM=0.0
M_W
16.20
16.15
16.10
16.05
16.00
860
880
900
920
minute

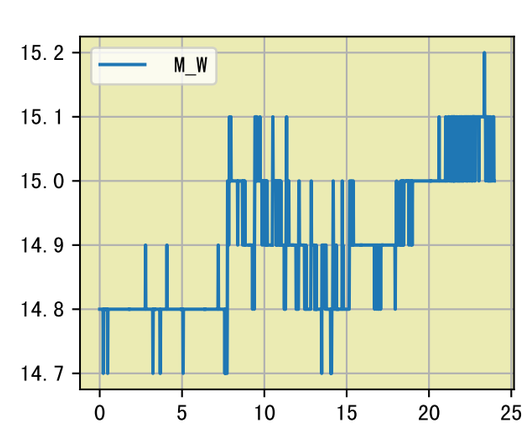

hour
7:40
9:35
10:35
11:25
12:10
12:50
13:30
14:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

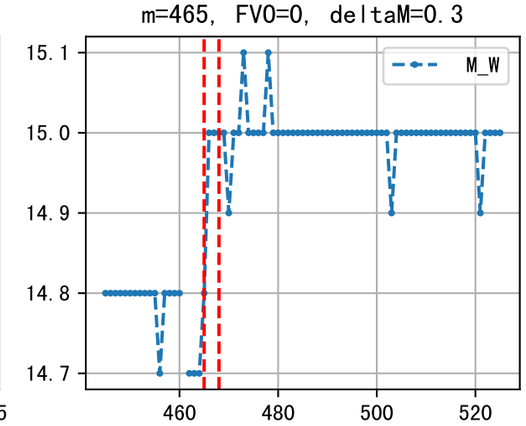
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:40	154	20.0	0.441	晴	假设@07:40 自动（未用传感器）
09:35	154	20.0	0.441	晴	假设@09:35 自动（未用传感器）
10:35	154	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:25	154	20.0	0.441	多云	假设@11:25 自动（未用传感器）
12:10	154	20.0	0.441	多云	假设@12:10 自动（未用传感器）
12:50	154	20.0	0.441	多云	假设@12:50 自动（未用传感器）
13:30	154	20.0	0.441	多云	假设@13:30 自动（未用传感器）
14:15	154	20.0	0.441	多云	假设@14:15 自动（未用传感器）
总计	1232.0 (8次)	160.0			建议进液EC：1700， PH：6.0

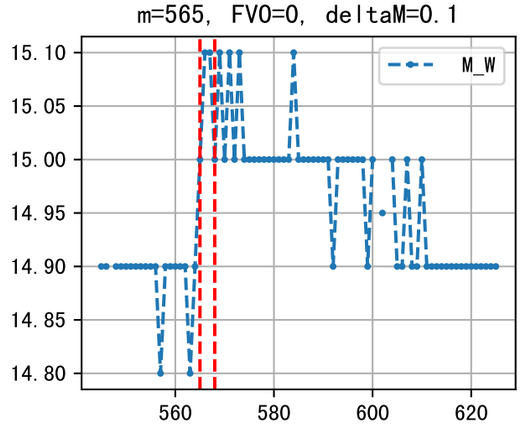
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

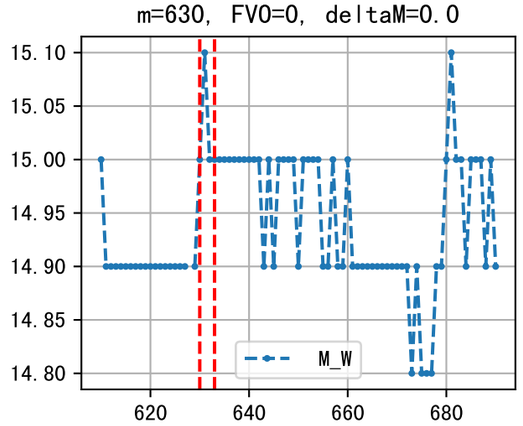
P2A2_0, Day=178.0 (2026-03-21)

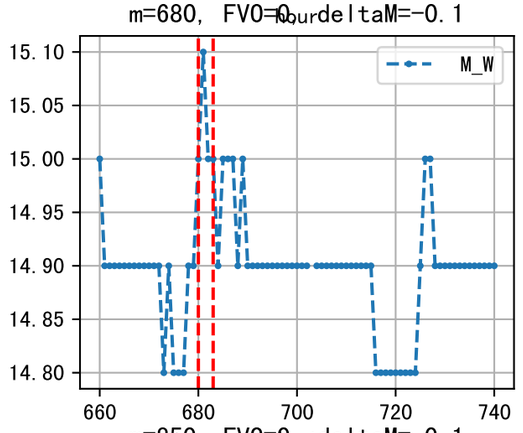


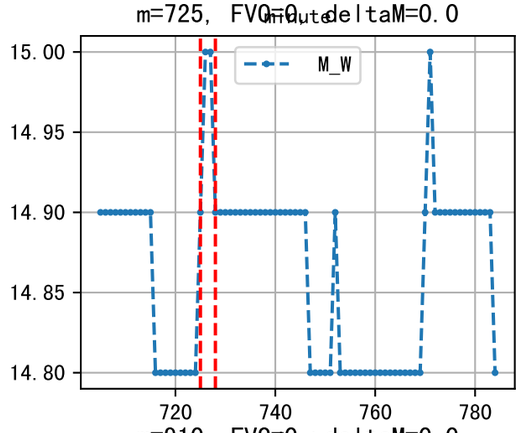

M_W
15.2
15.1
15.0
14.9
14.8
14.7
0
5
10
15
20
25

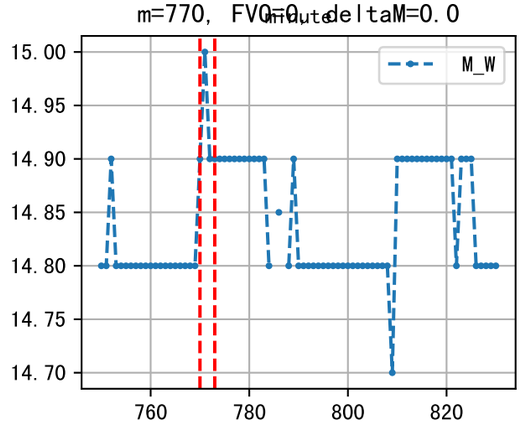

m=465, FV0=0, deltaM=0.3
M_W
15.1
15.0
14.9
14.8
14.7
460
480
500
520

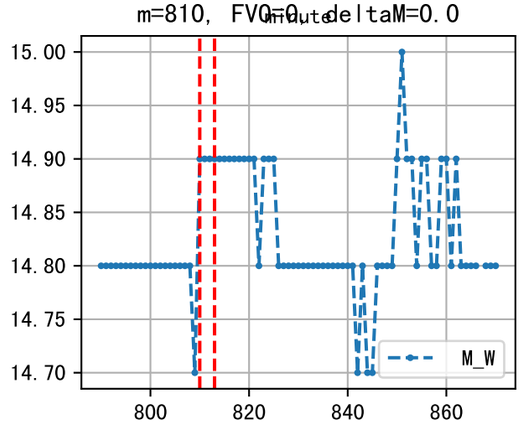

m=565, FV0=0, deltaM=0.1
M_W
15.10
15.05
15.00
14.95
14.90
14.85
14.80
560
580
600
620

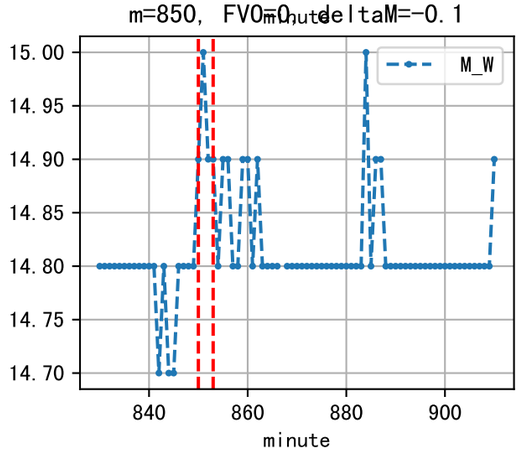

m=630, FV0=0, deltaM=0.0
M_W
15.10
15.05
15.00
14.95
14.90
14.85
14.80
620
640
660
680

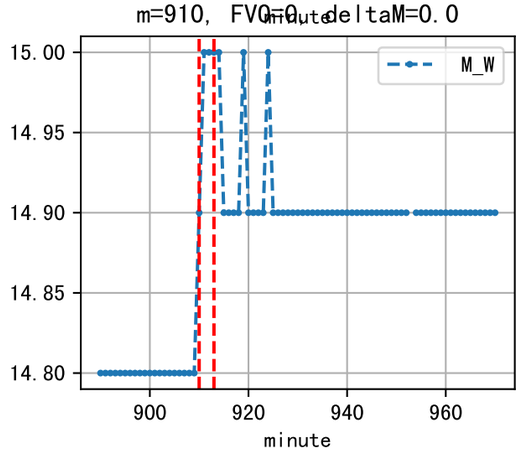

m=680, FV0=0, deltaM=-0.1
M_W
15.10
15.05
15.00
14.95
14.90
14.85
14.80
660
680
700
720
740


m=725, FV0=0, deltaM=0.0
M_W
15.00
14.95
14.90
14.85
14.80
720
740
760
780


m=770, FV0=0, deltaM=0.0
M_W
15.00
14.95
14.90
14.85
14.80
14.75
14.70
760
780
800
820
minute


m=810, FV0=0, deltaM=0.0
M_W
15.00
14.95
14.90
14.85
14.80
14.75
14.70
800
820
840
860
minute


m=850, FV0=0, deltaM=-0.1
M_W
15.00
14.95
14.90
14.85
14.80
14.75
14.70
840
860
880
900
minute


m=910, FV0=0, deltaM=0.0
M_W
15.00
14.95
14.90
14.85
14.80
900
920
940
960
minute