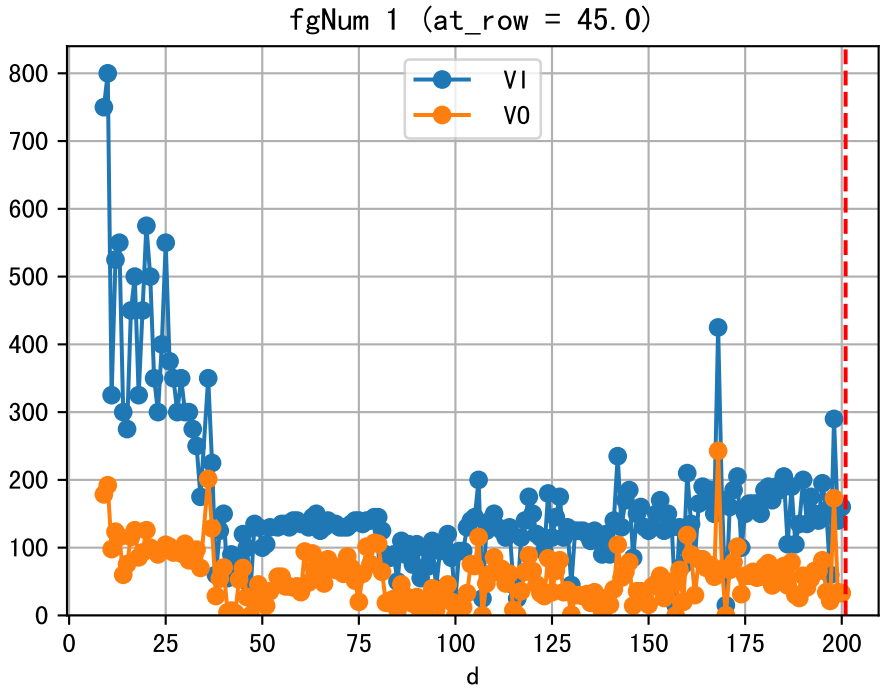
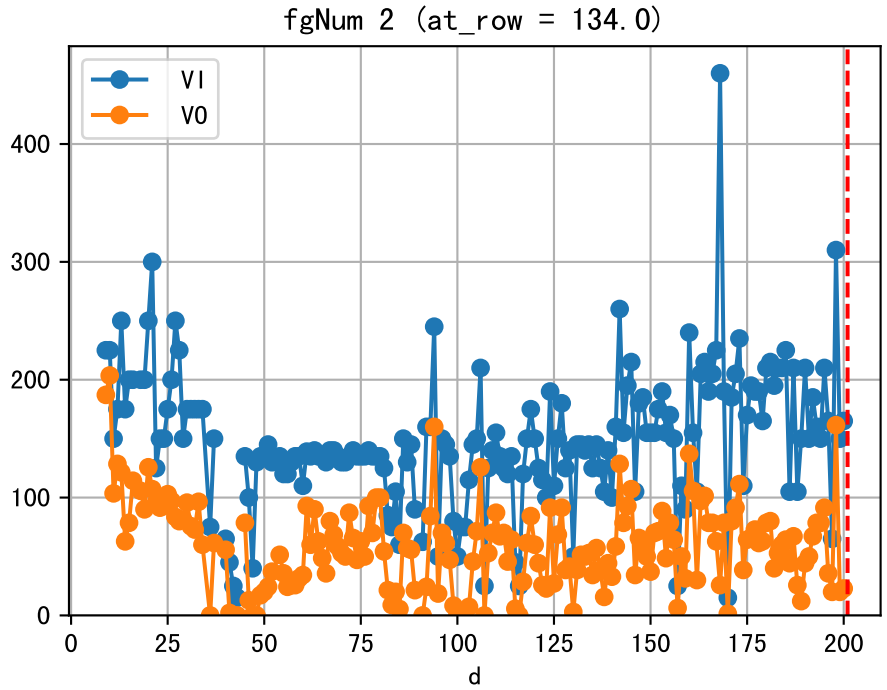
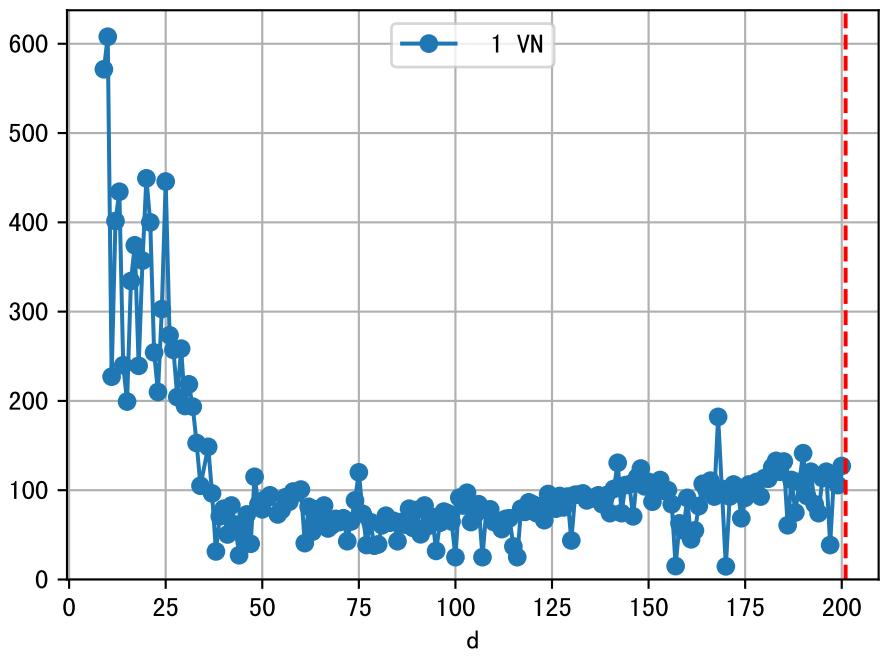
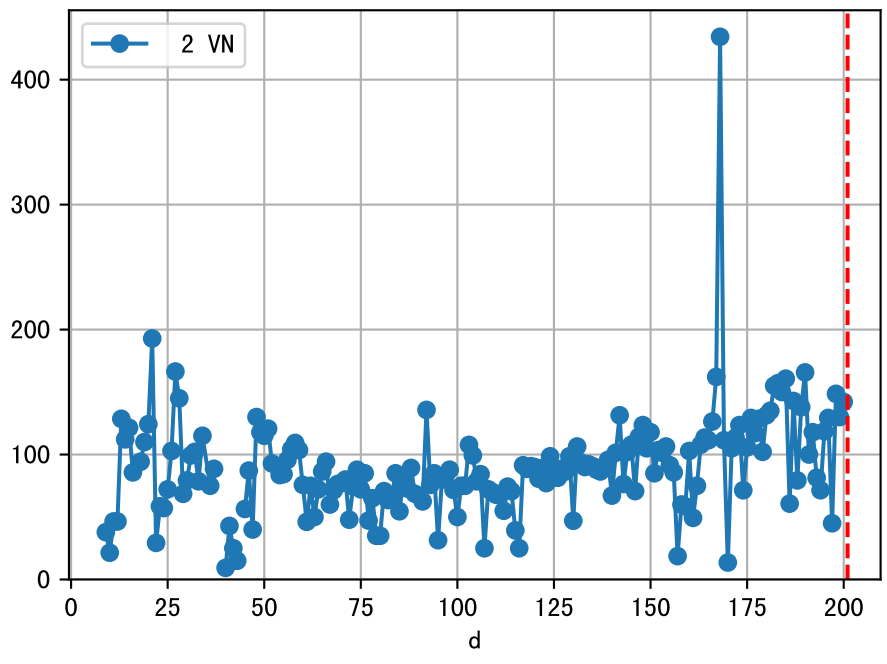
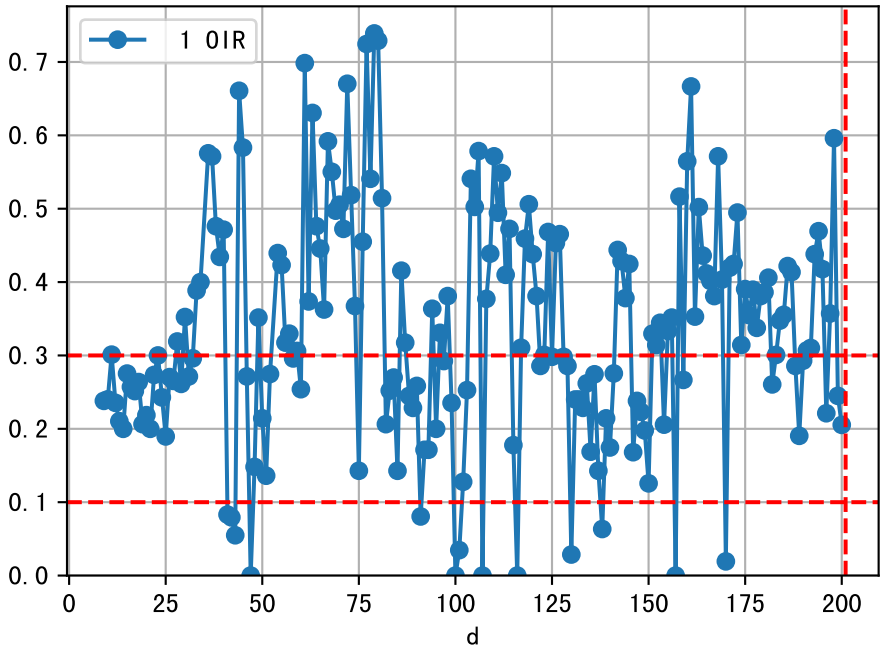
FgArea: ['0']
NC11 P2
2026-04-13 (Day 201)

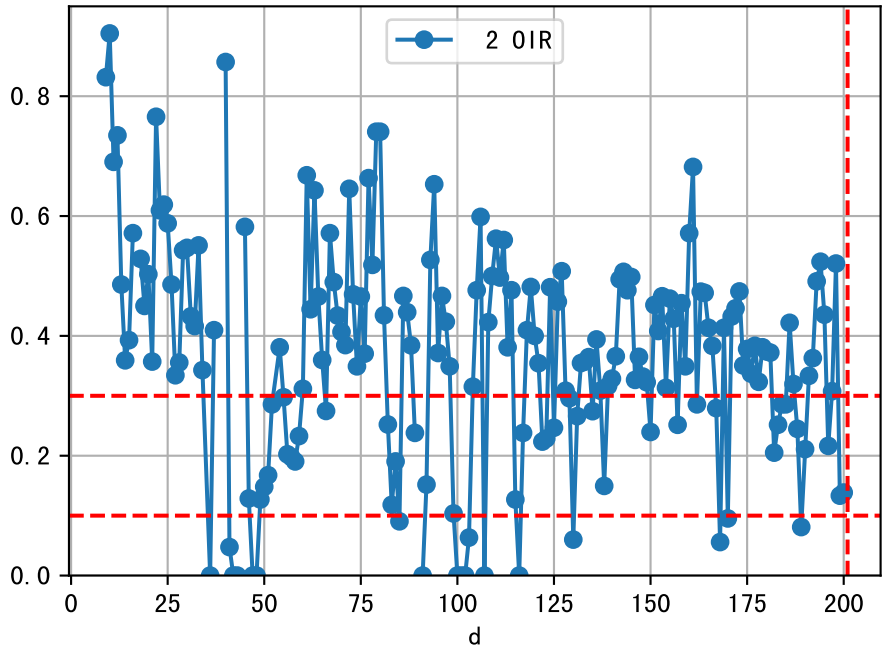

fgNum 1 (at_row = 45.0)
VI
VO
d

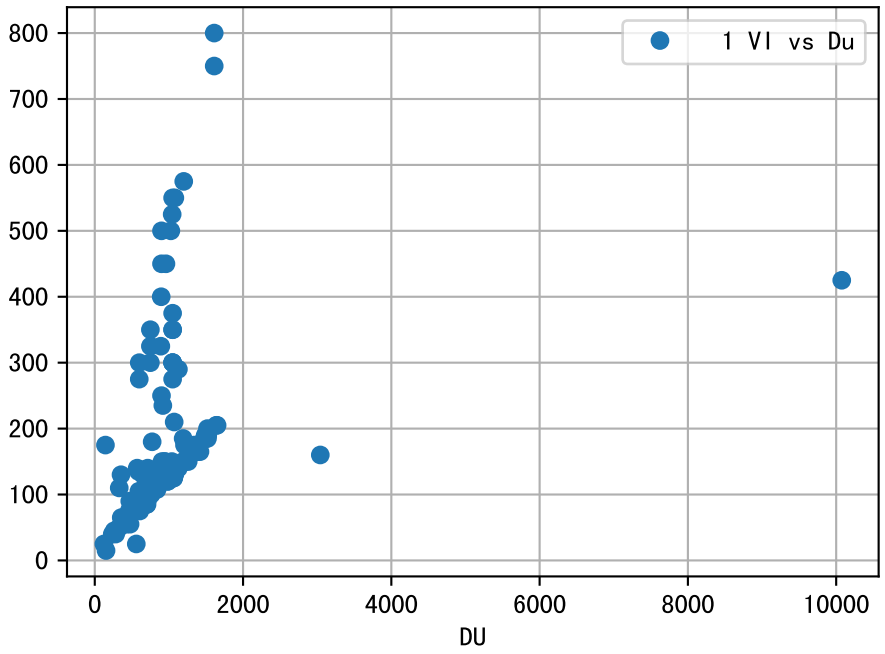

fgNum 2 (at_row = 134.0)
VI
VO
d

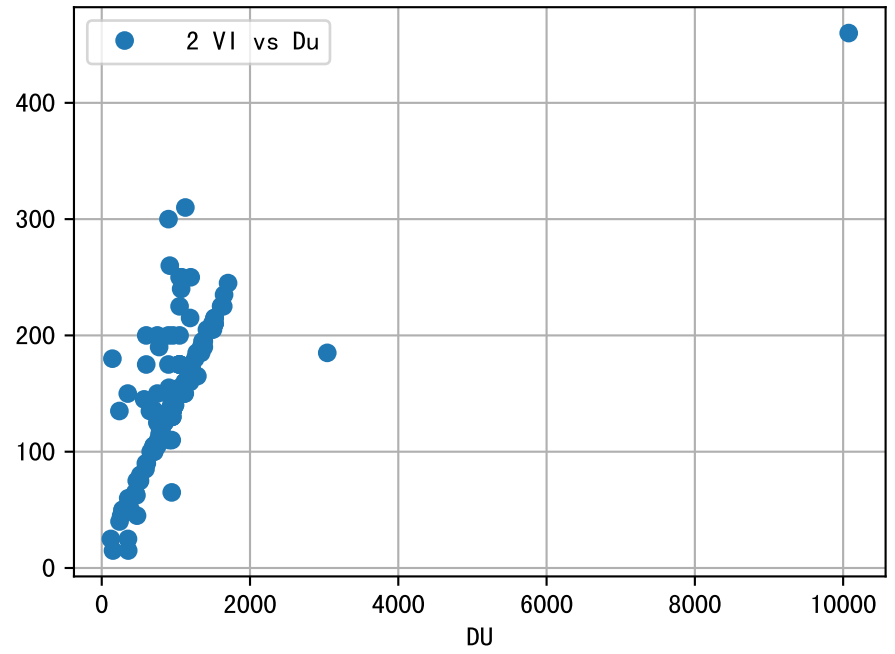

1 VN
d

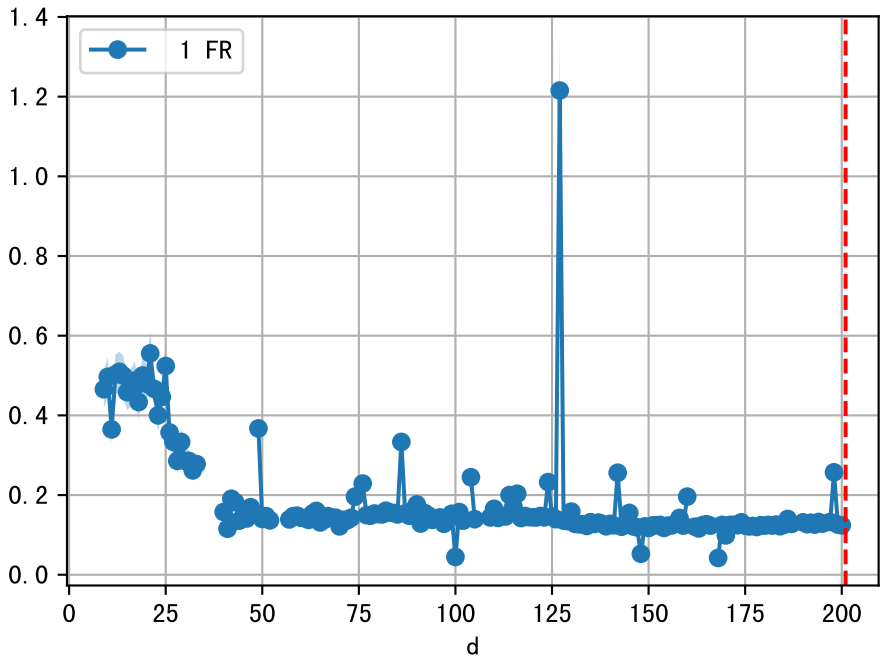

2 VN
d

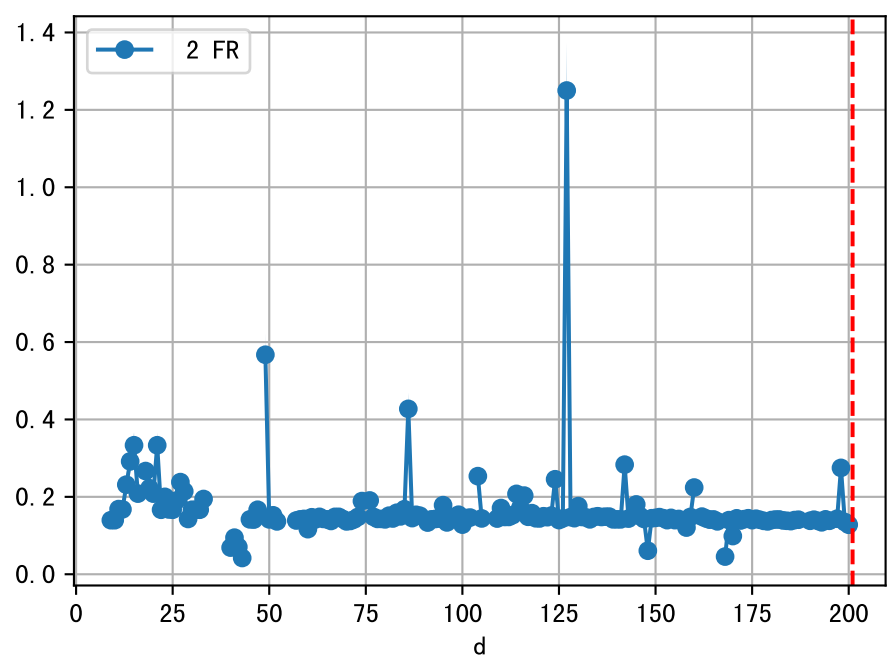

1 OIR
d

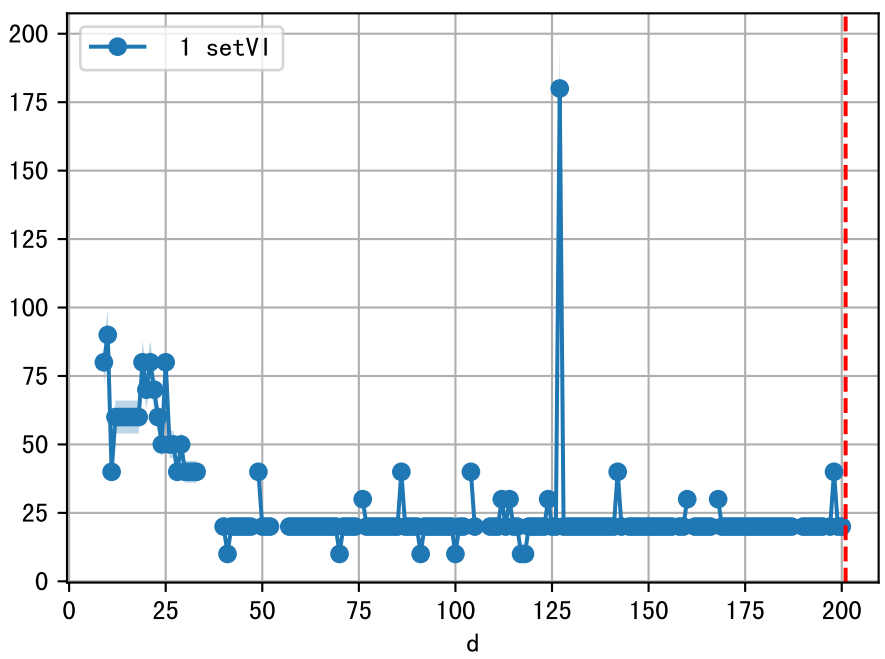

2 OIR
d

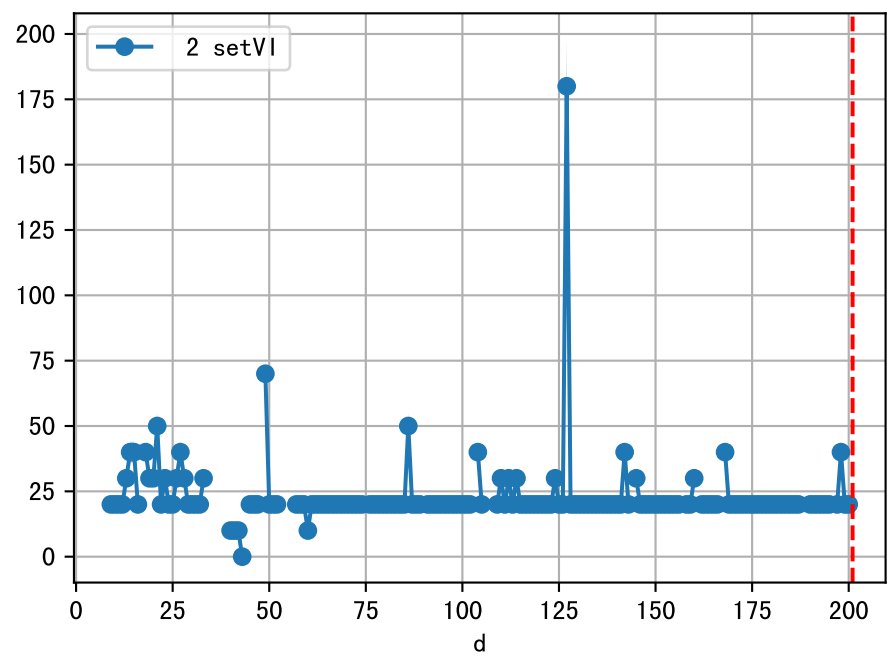

1 VI vs Du
800
700
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

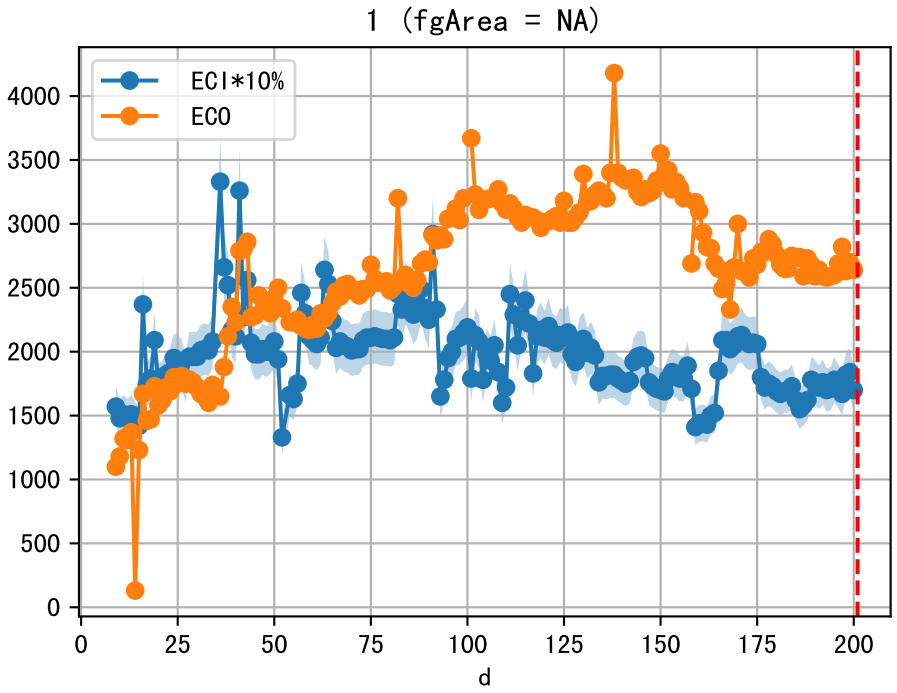

2 VI vs Du
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

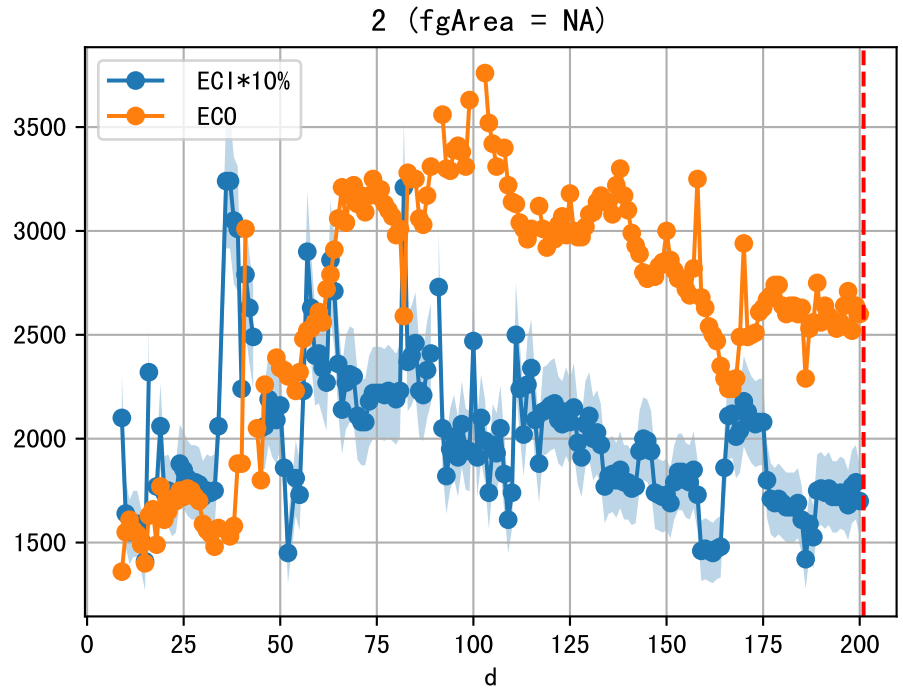

1 FR
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200
d

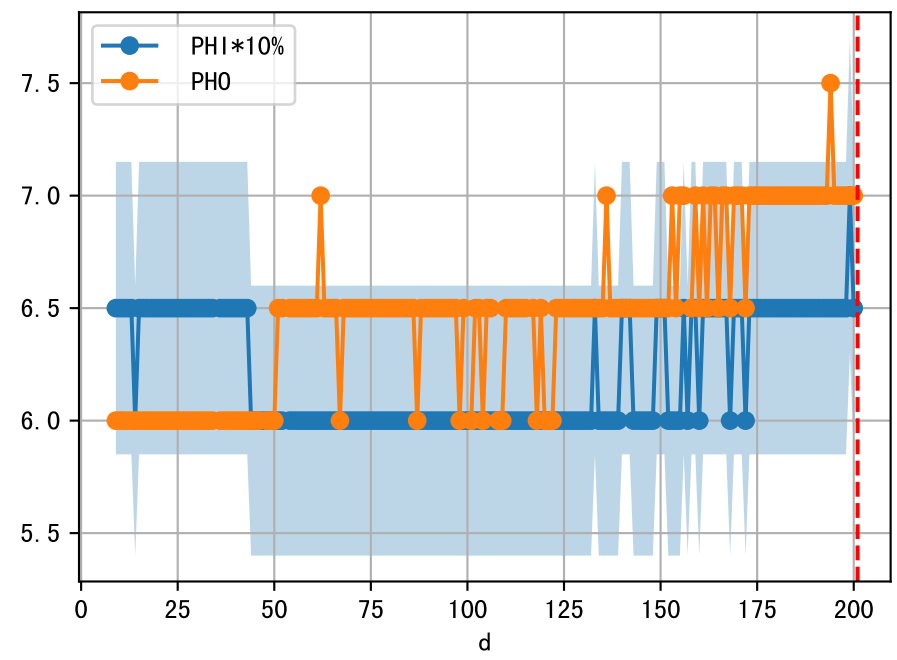

2 FR
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
125
150
175
200
d

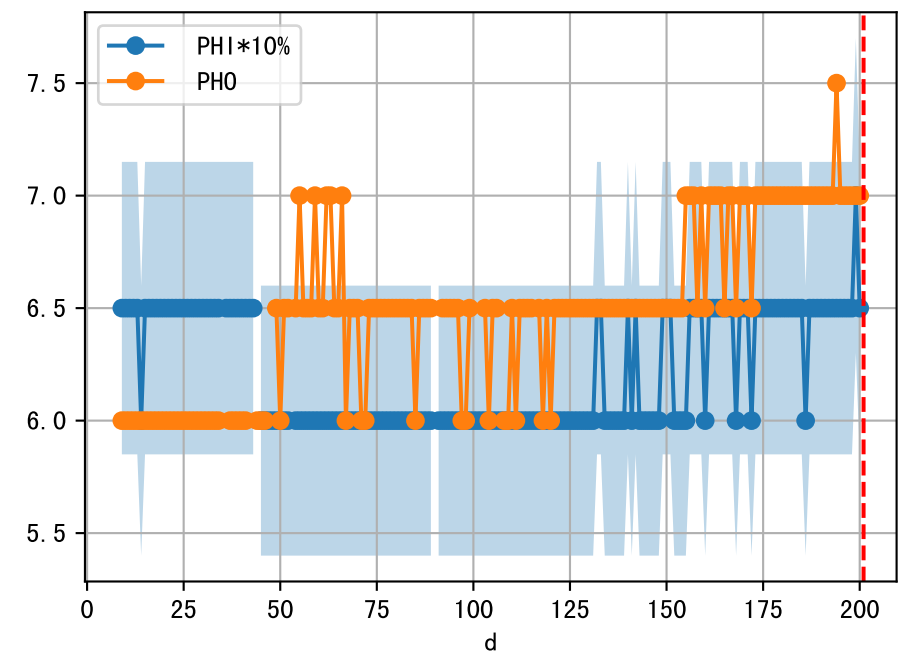

1 setVI
200
175
150
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
d

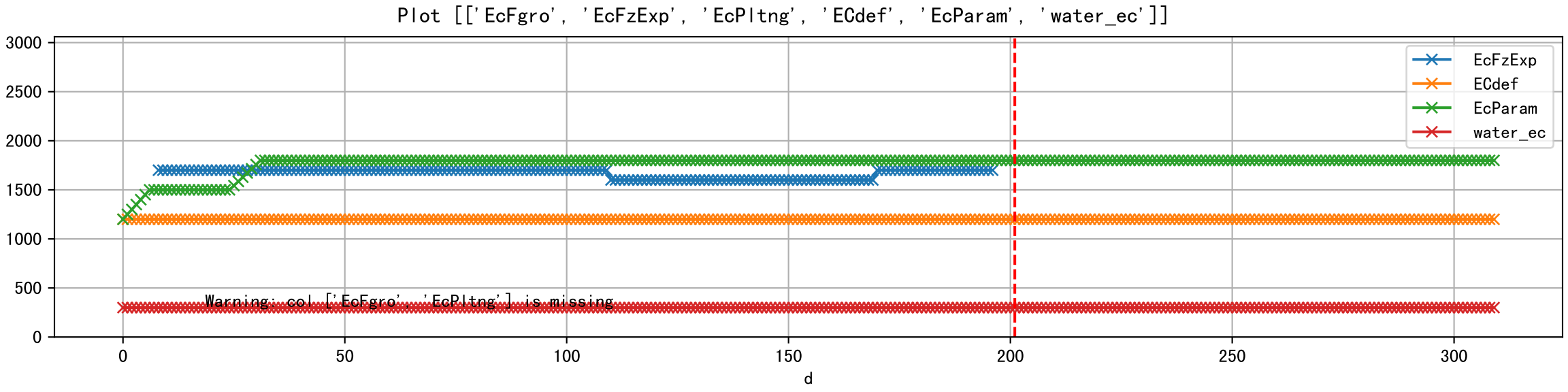

2 setVI
200
175
150
125
100
75
50
25
0
0
25
50
75
100
125
150
175
200
d

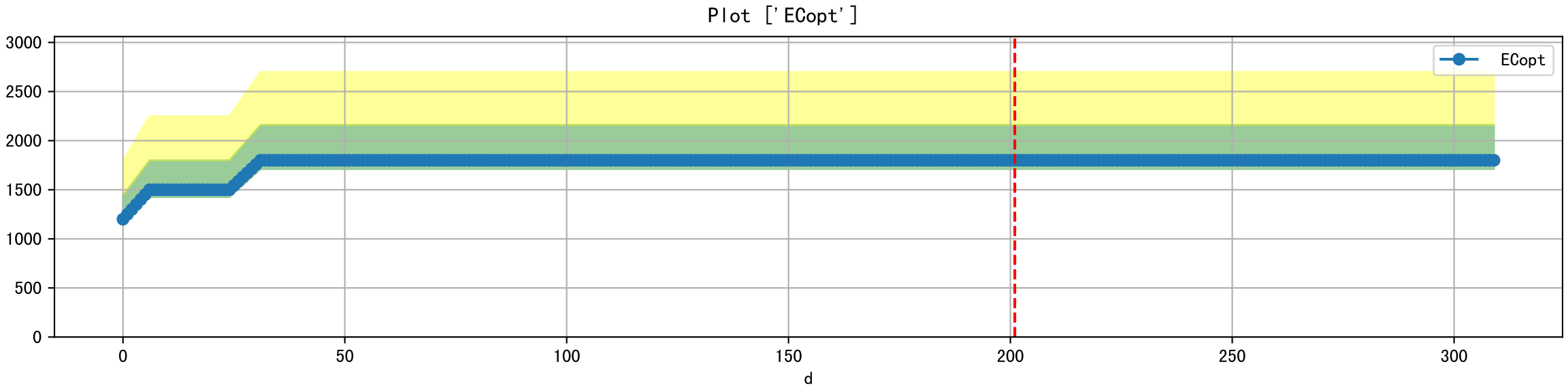

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
0
25
50
75
100
125
150
175
200
d

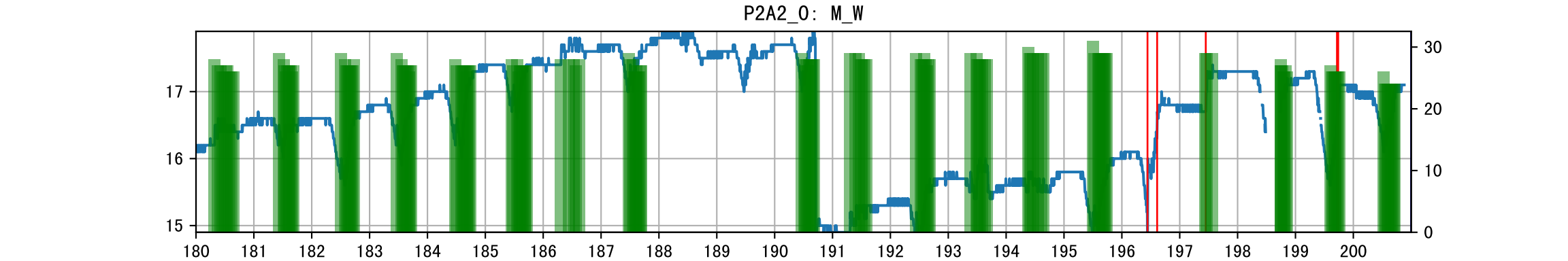

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
0
25
50
75
100
125
150
175
200
d


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

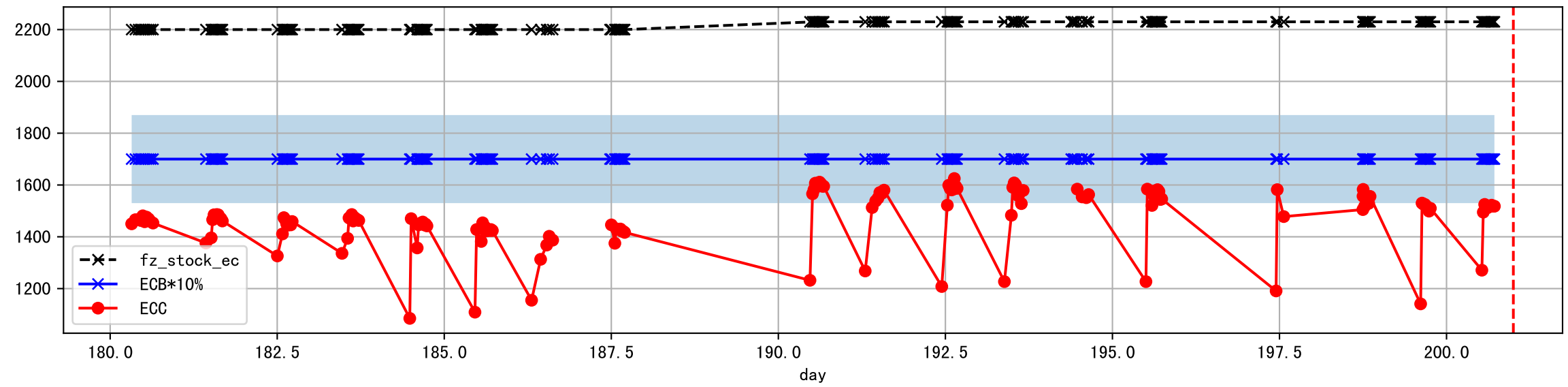

PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d

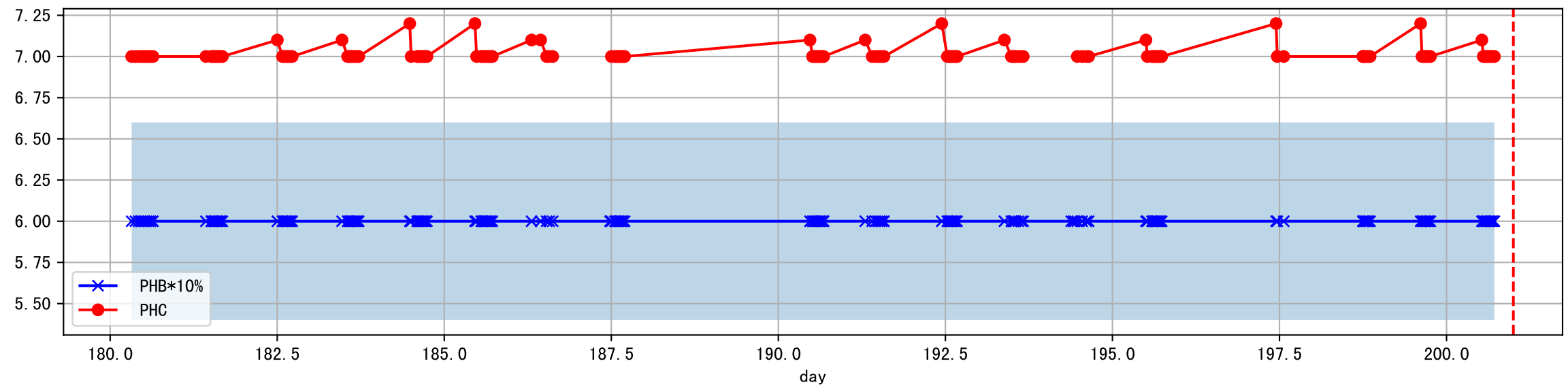

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

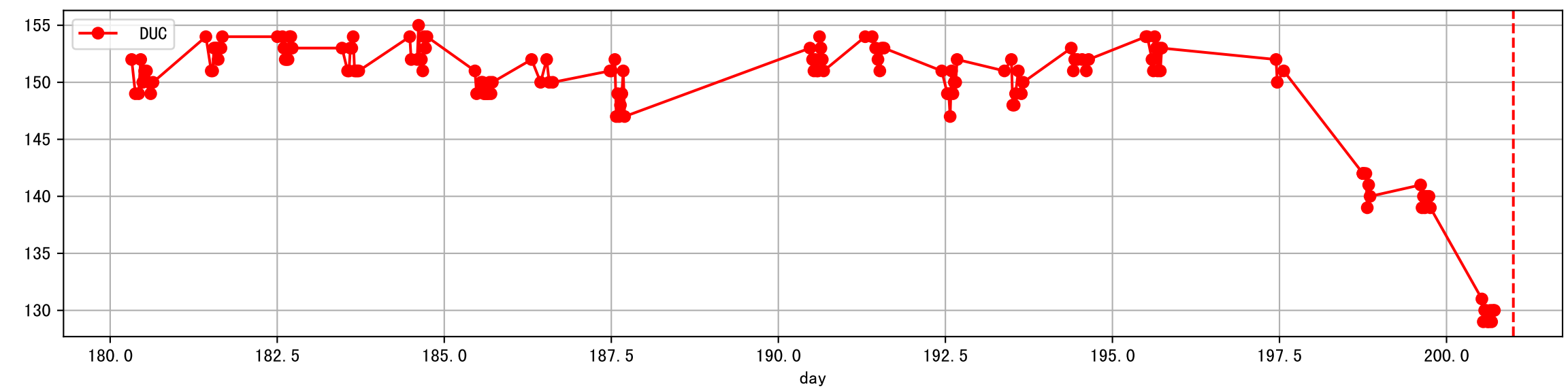

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

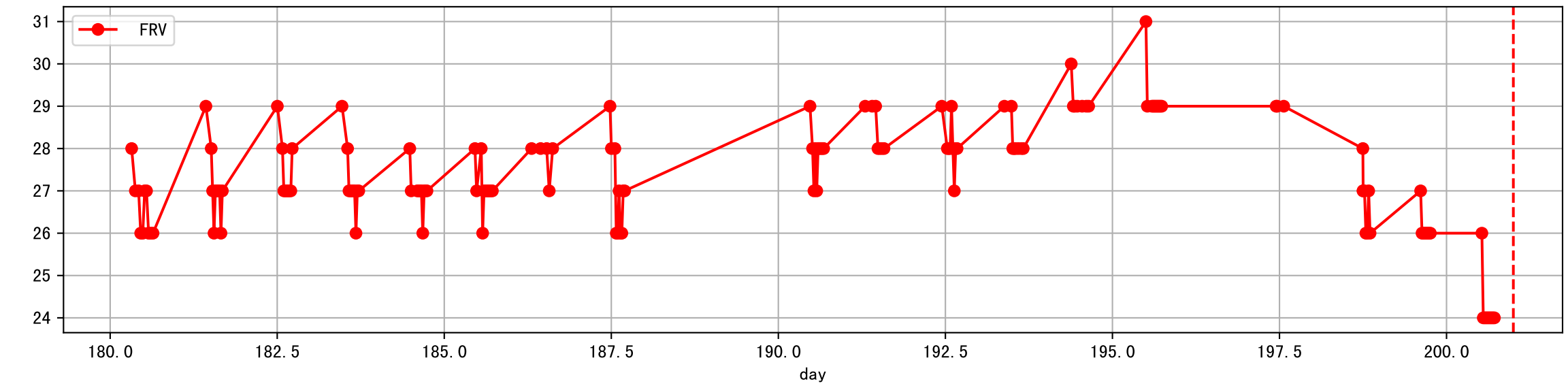

P2A2_O: M_W
17
16
15
30
20
10
0
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200

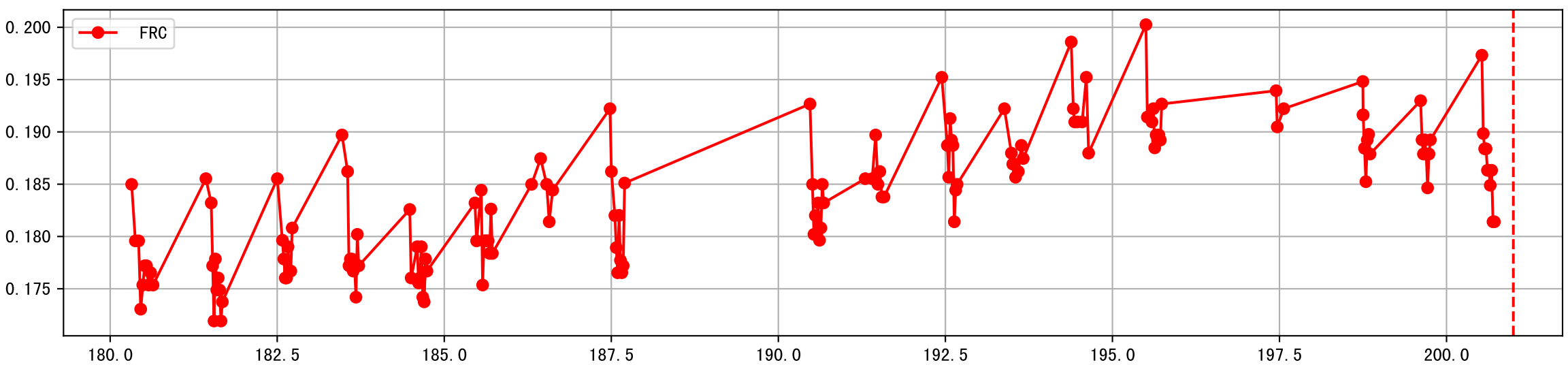
Plot Sensor and FgRec Detail

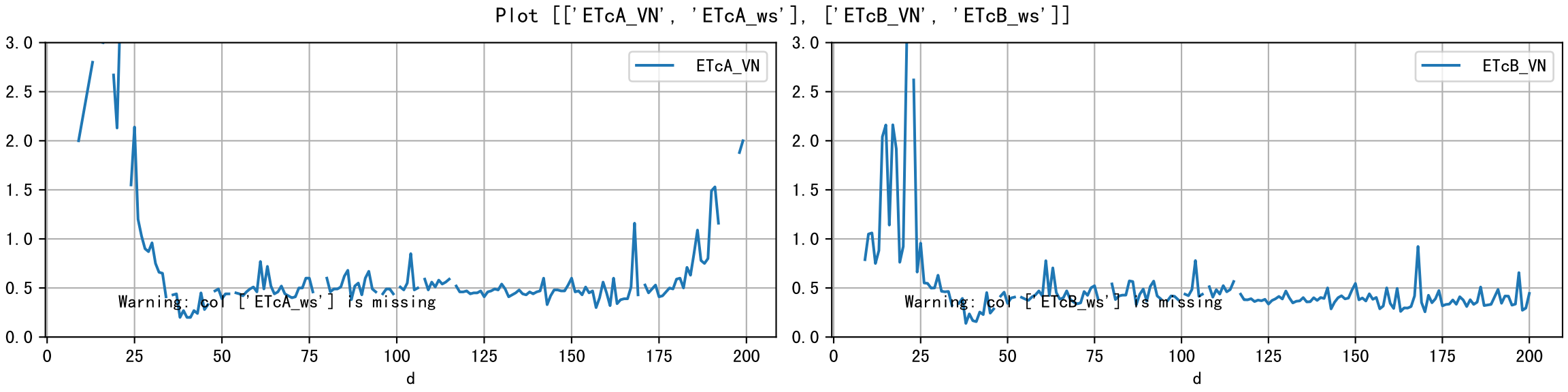


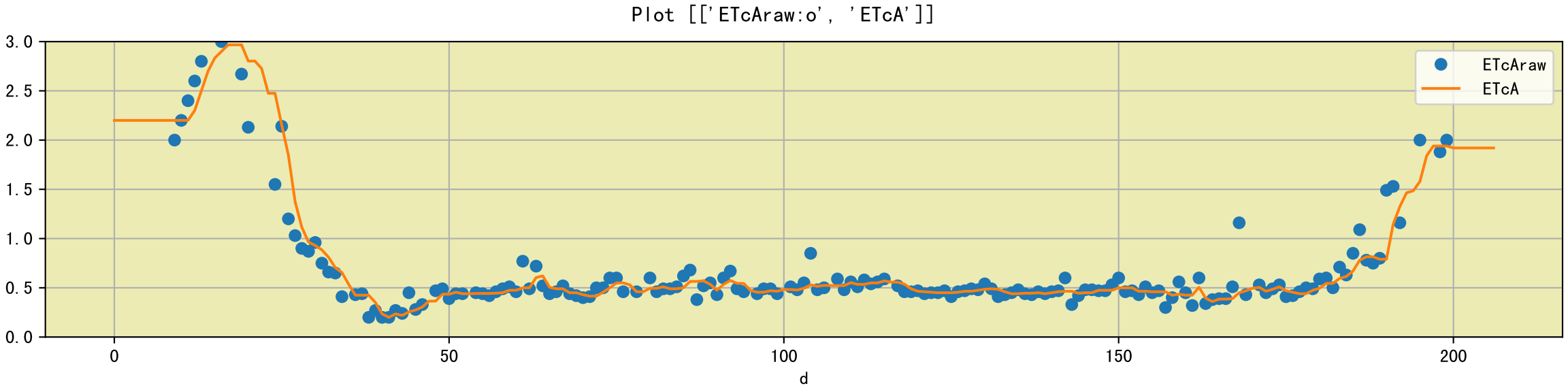


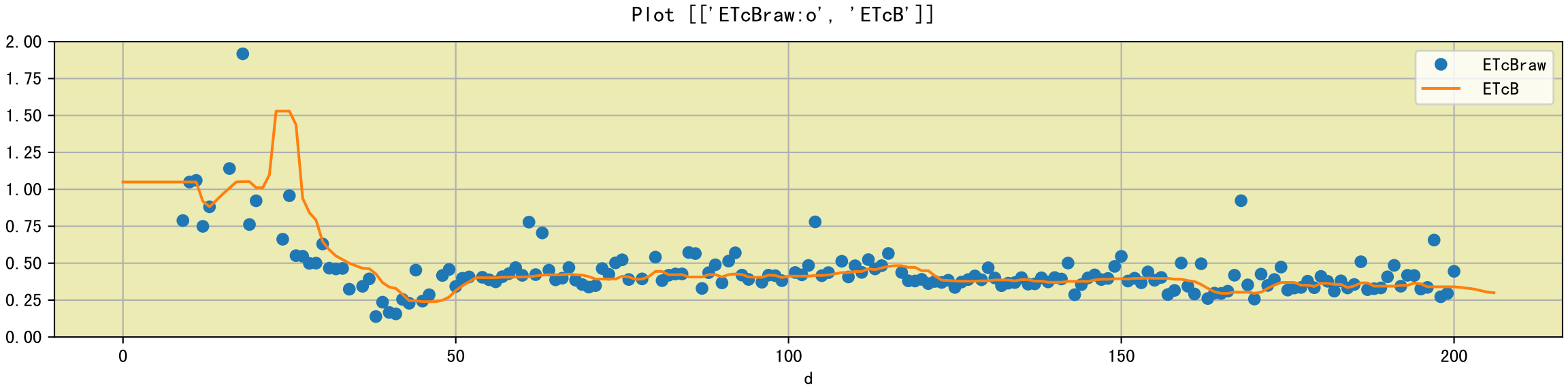




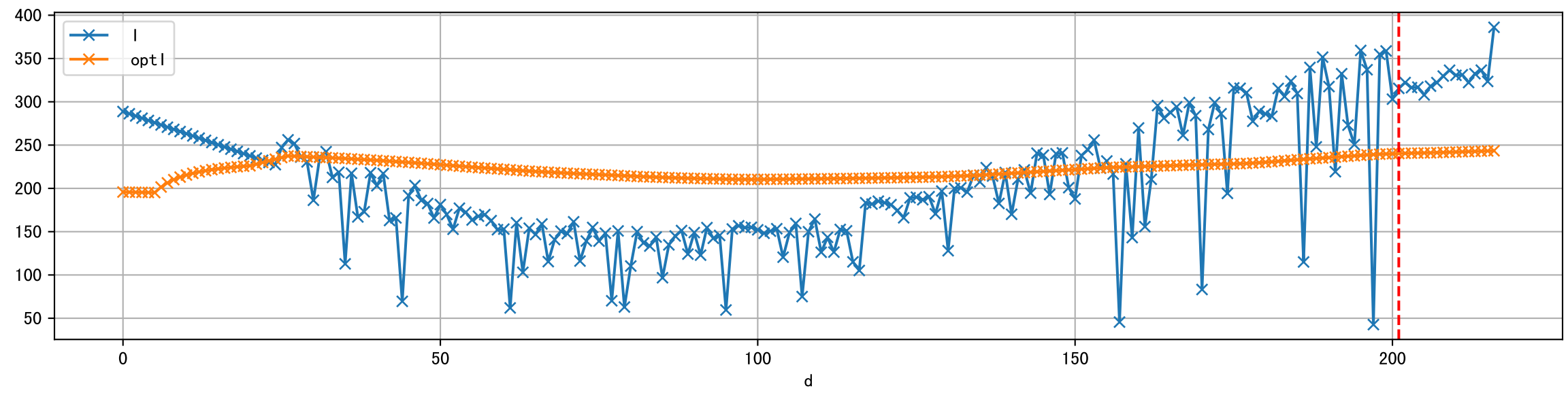


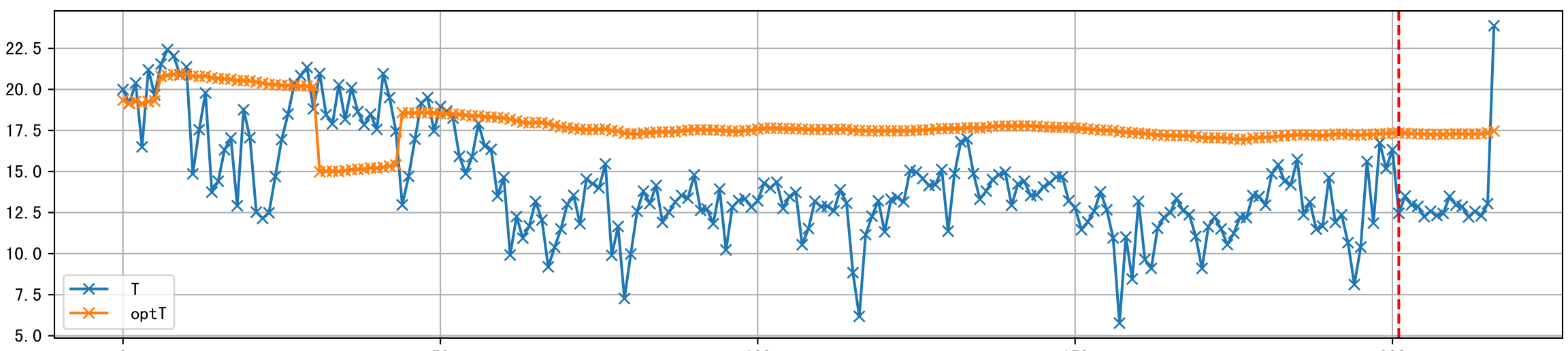

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

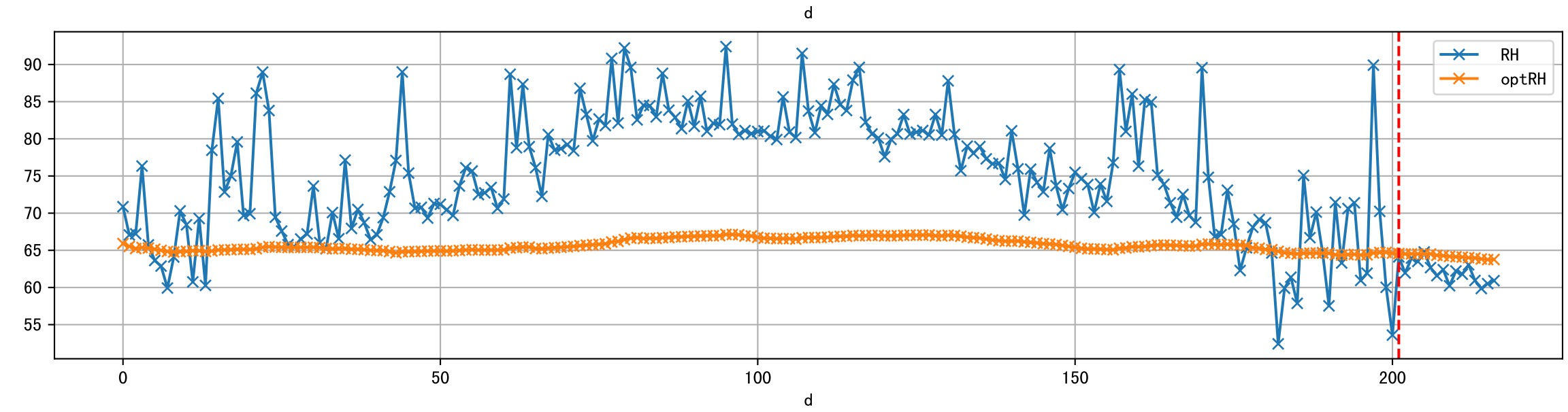

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
d
ETcAraw
ETcA

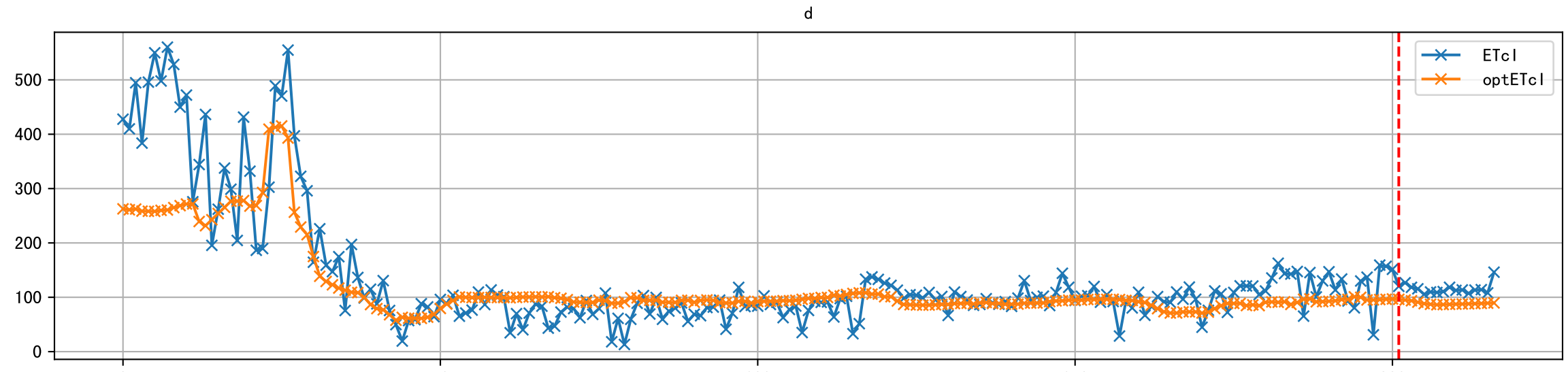

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
50
100
150
200
d

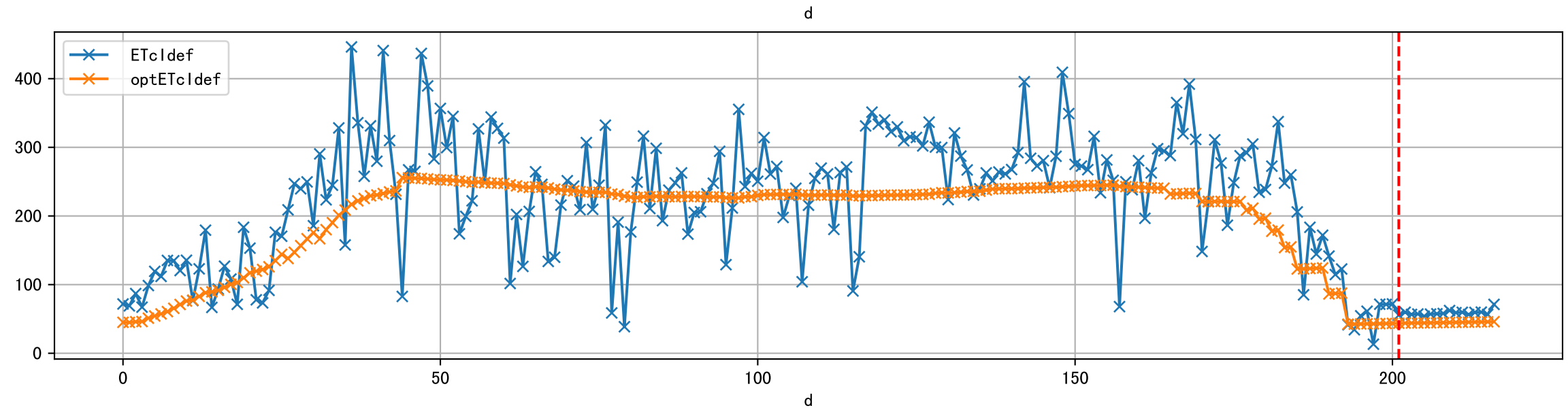
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

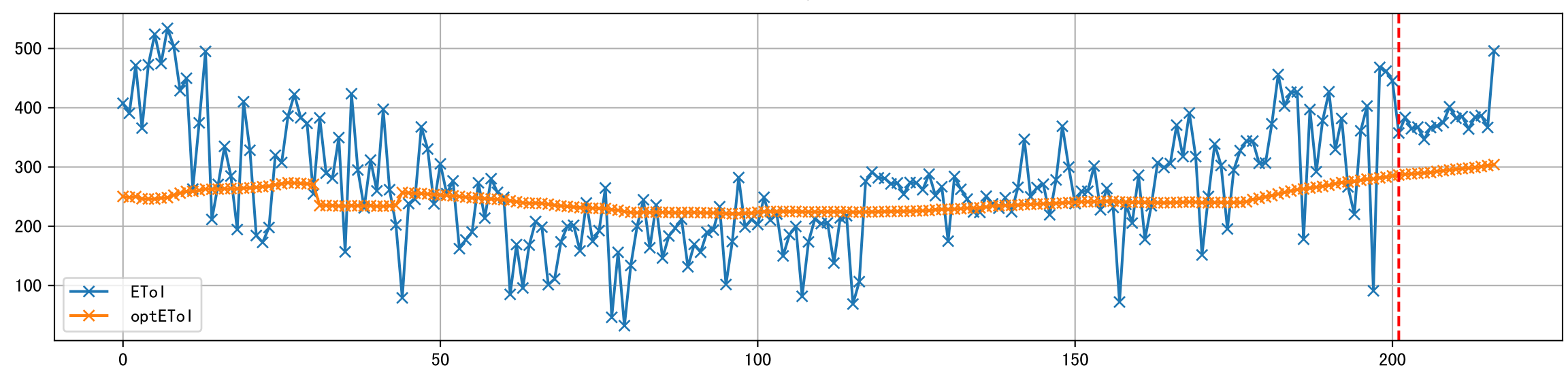


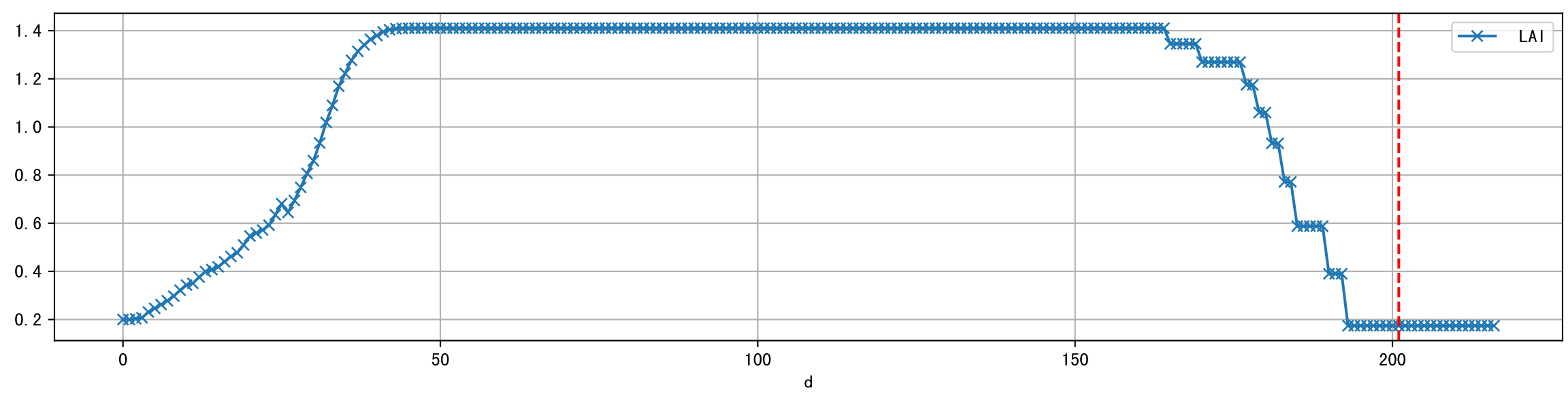


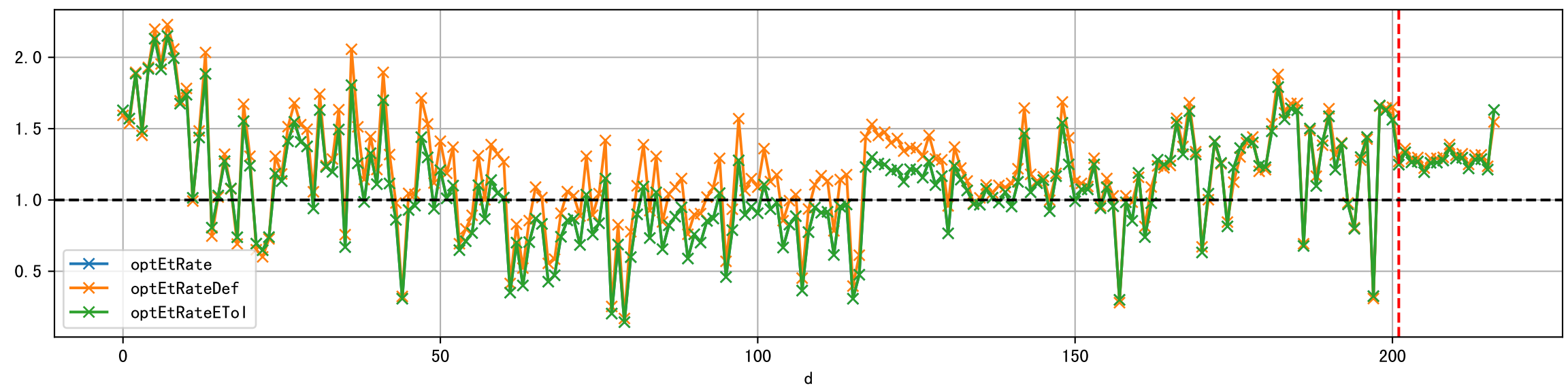


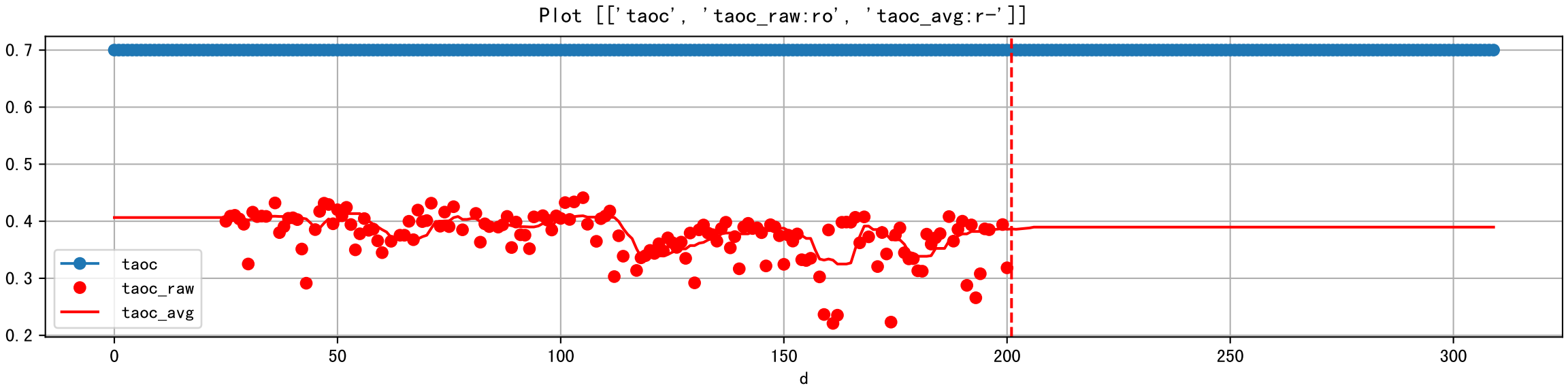


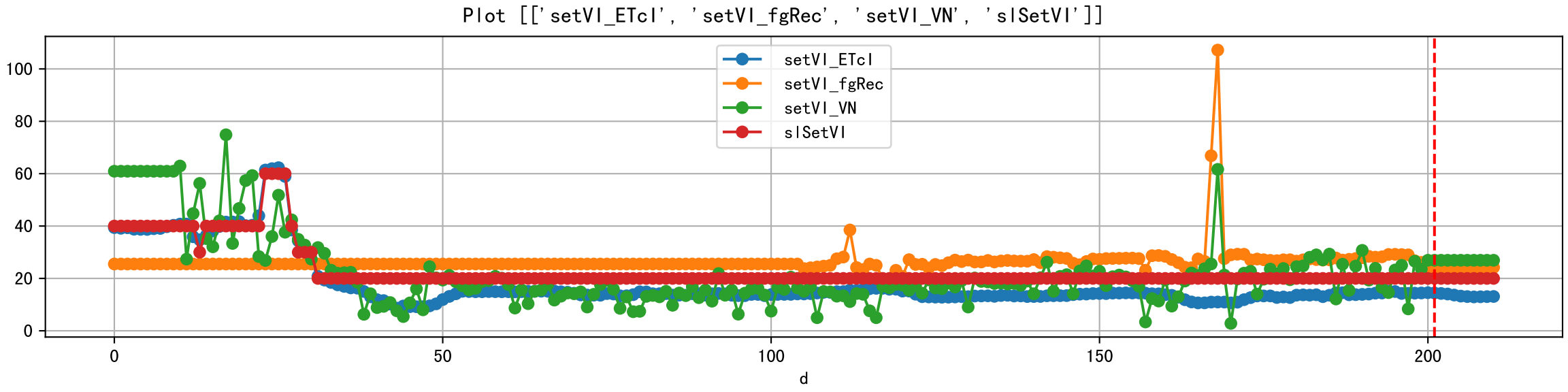


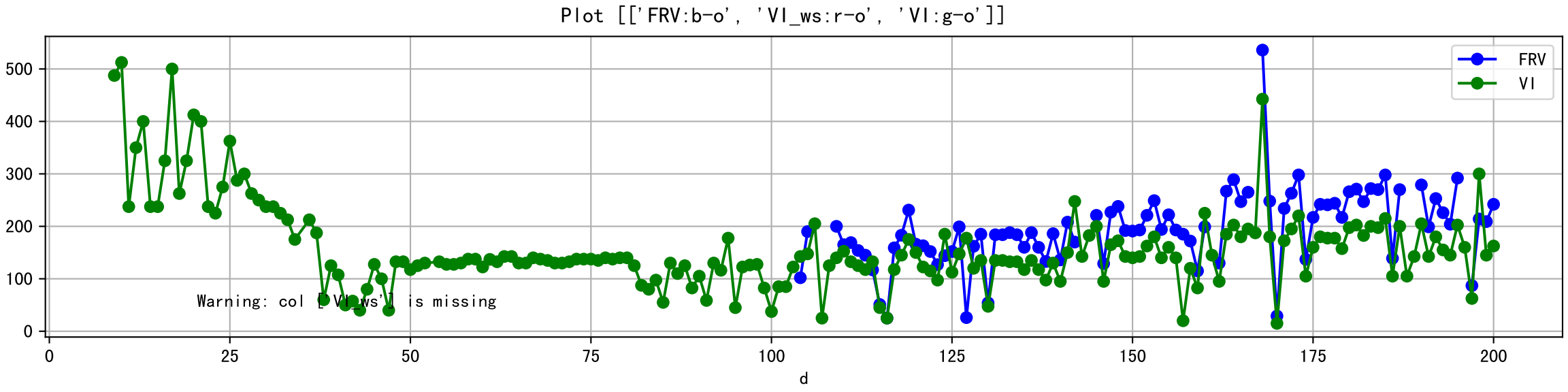


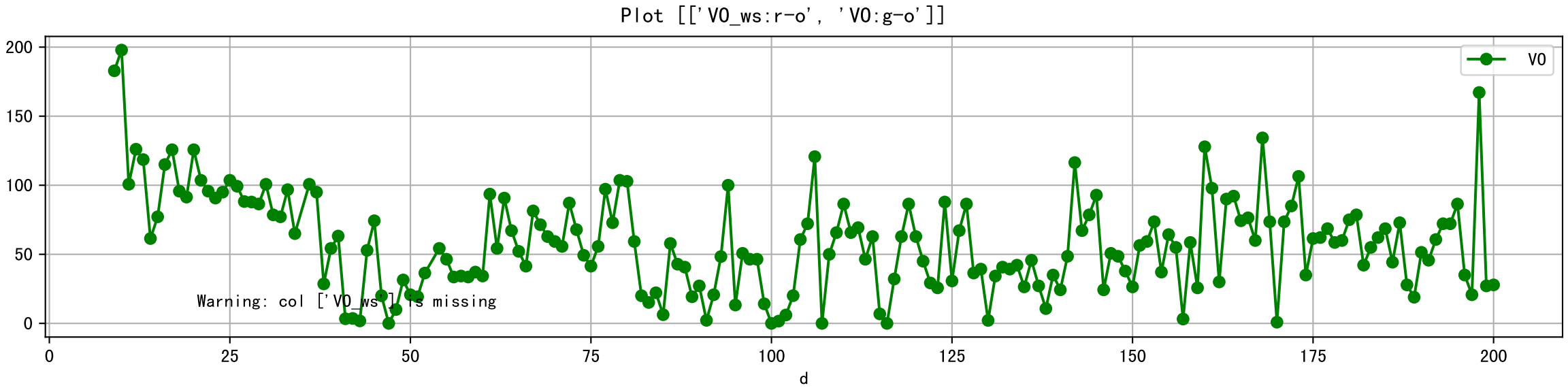


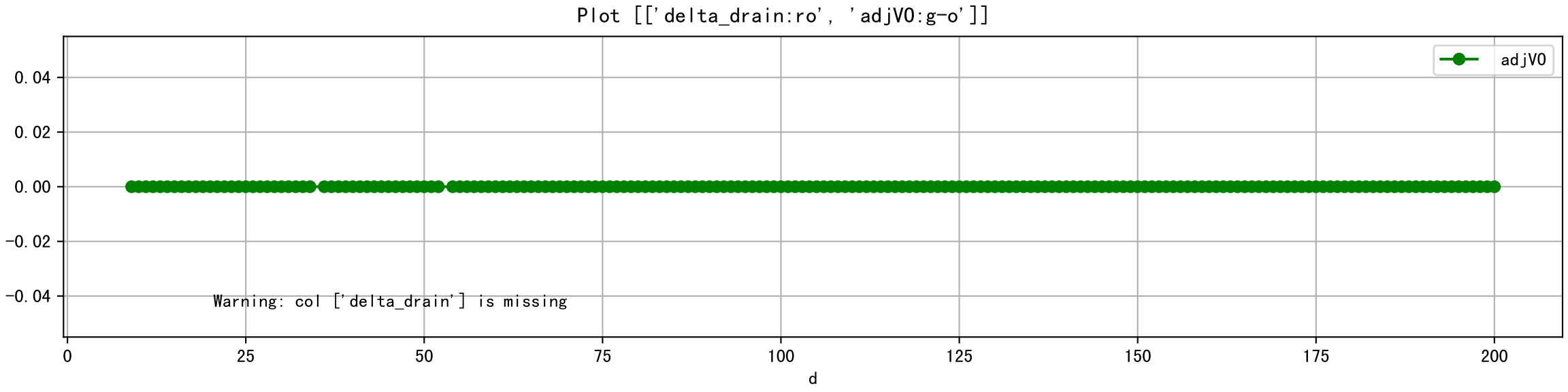


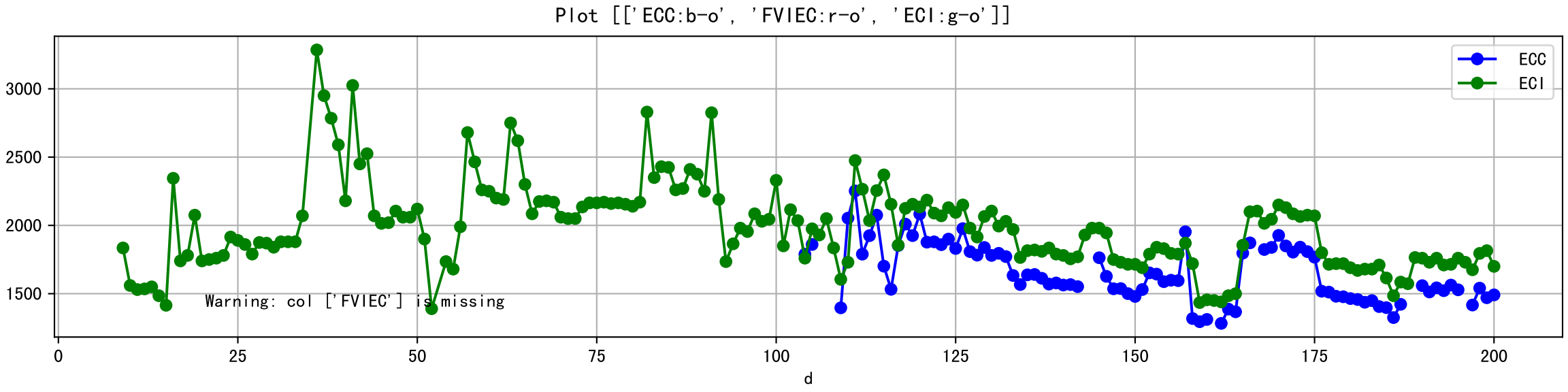

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

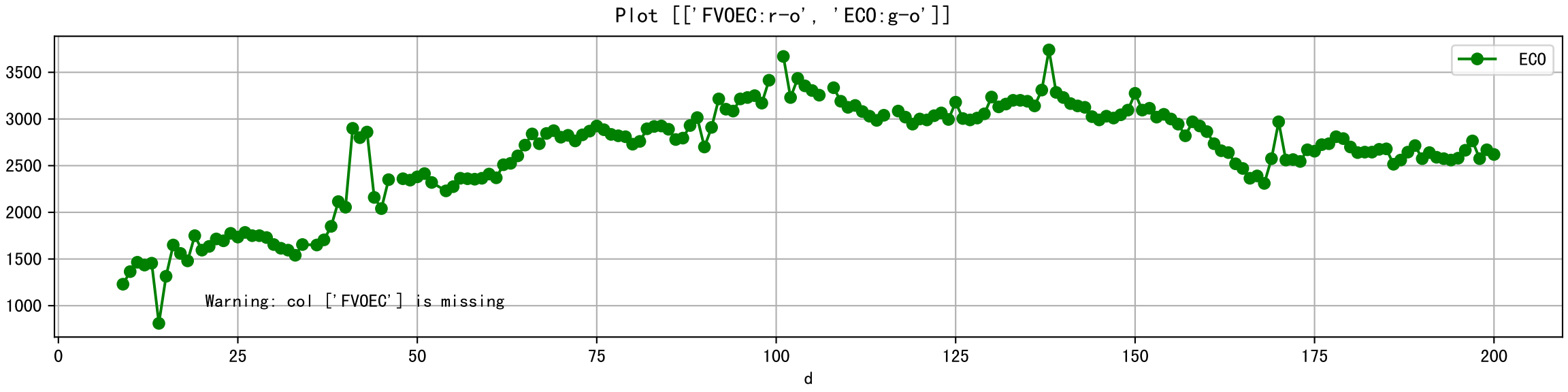

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
100
80
60
40
20
0
0
50
100
150
200
d

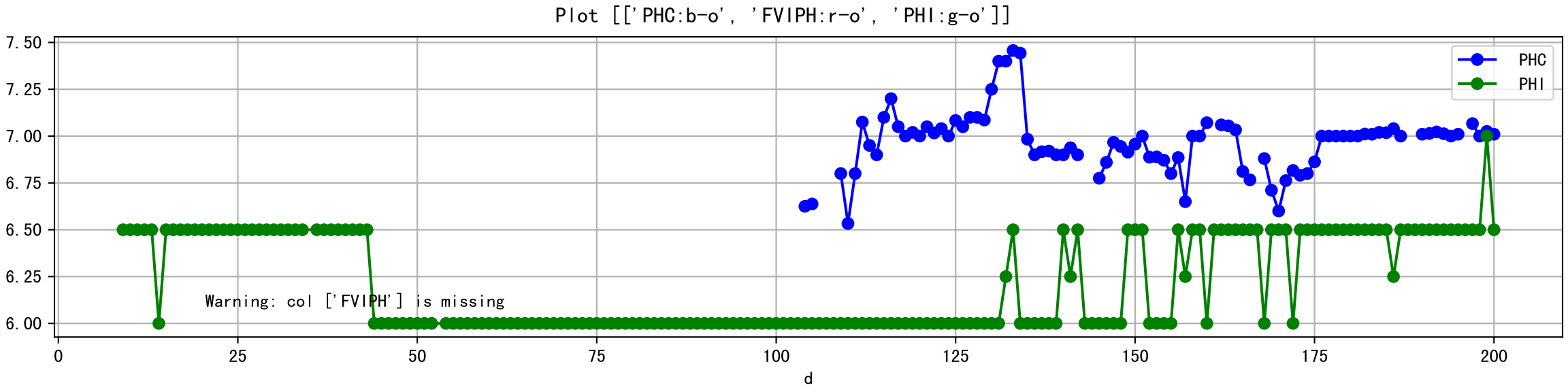

Plot [['FRV:b-o', 'VI_ws:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['VI_ws'] is missing
0
100
200
300
400
500
0
25
50
75
100
125
150
175
200
d

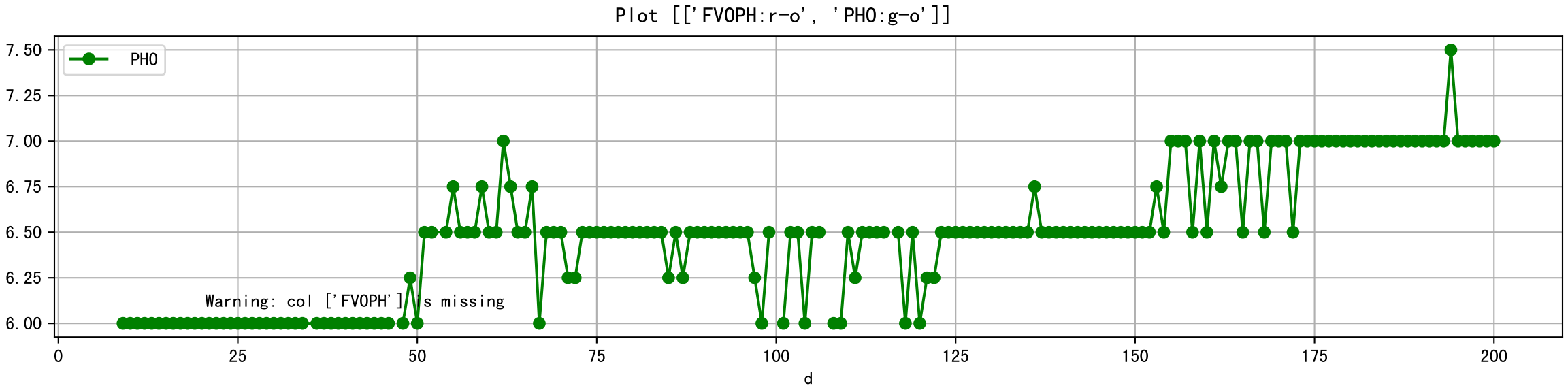

Plot [['VO_ws:r-o', 'VO:g-o']]
VO
Warning: col ['VO_ws'] is missing
d
0
25
50
75
100
125
150
175
200
0
50
100
150
200

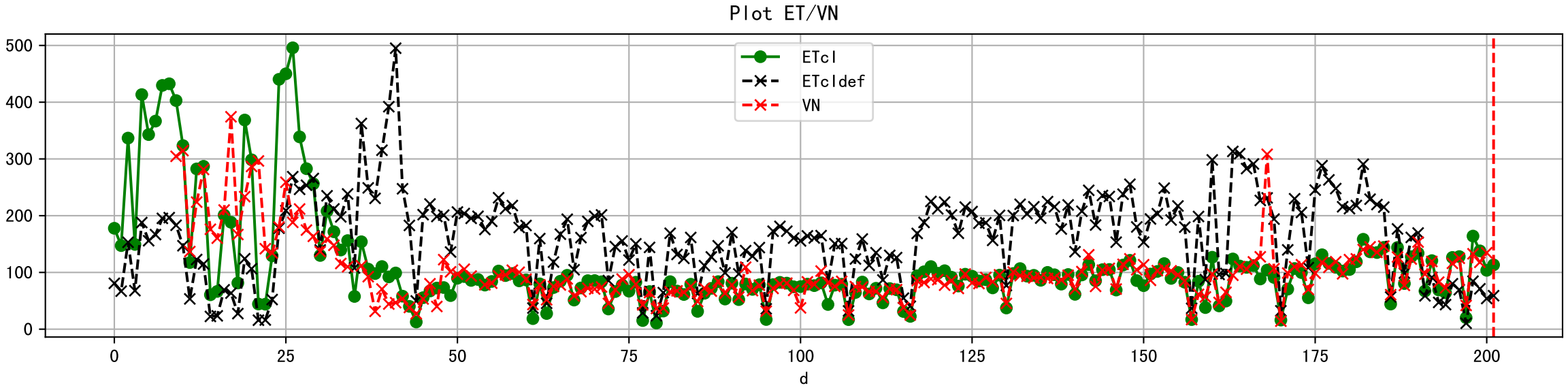

Plot [['delta_drain:ro', 'adjV0:g-o']]
adjV0
0.04
0.02
0.00
-0.02
-0.04
Warning: col ['delta_drain'] is missing
0
25
50
75
100
125
150
175
200
d


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

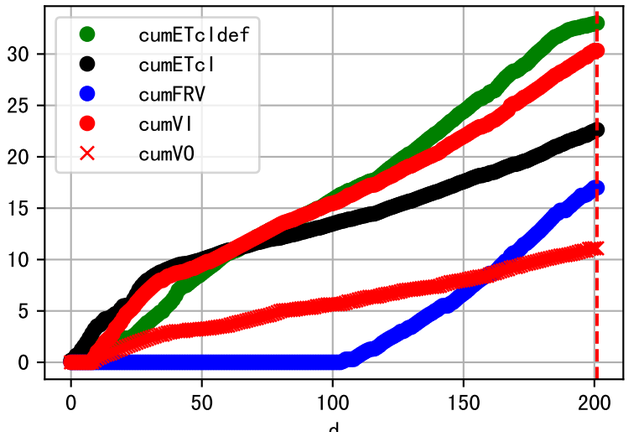

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

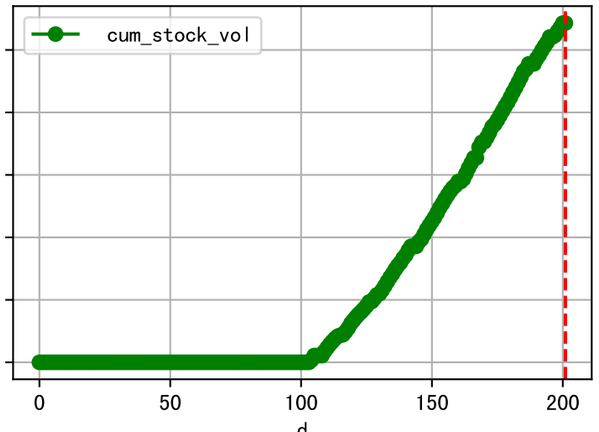

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

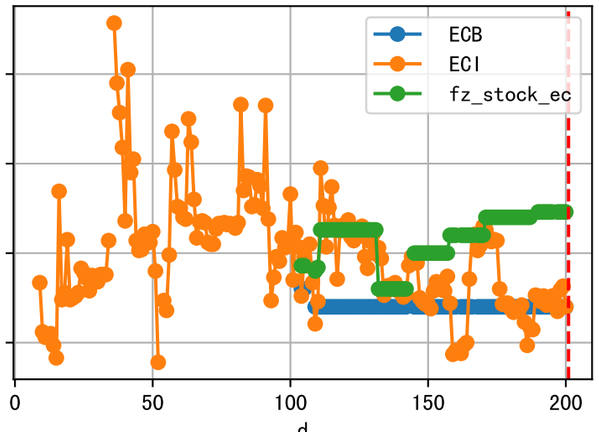

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

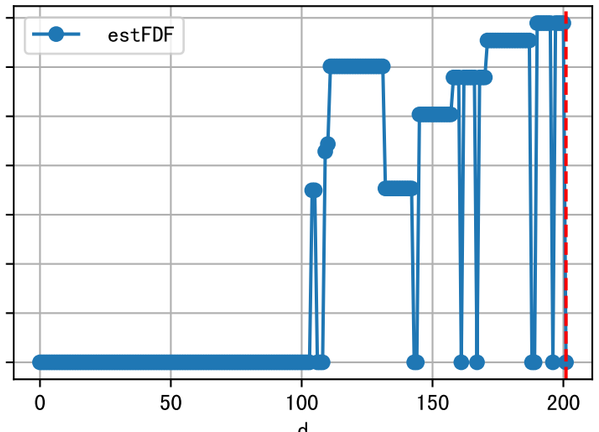

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
200
d

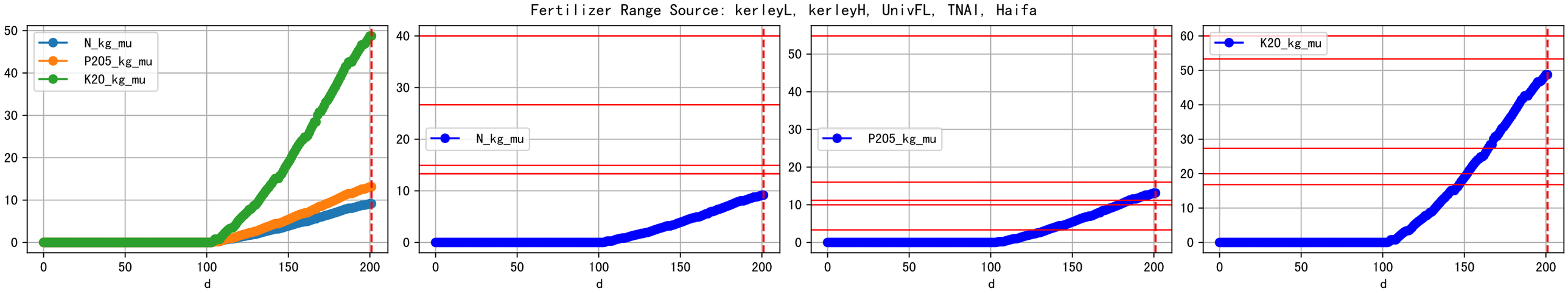
Plot Fv and fertilizer usage

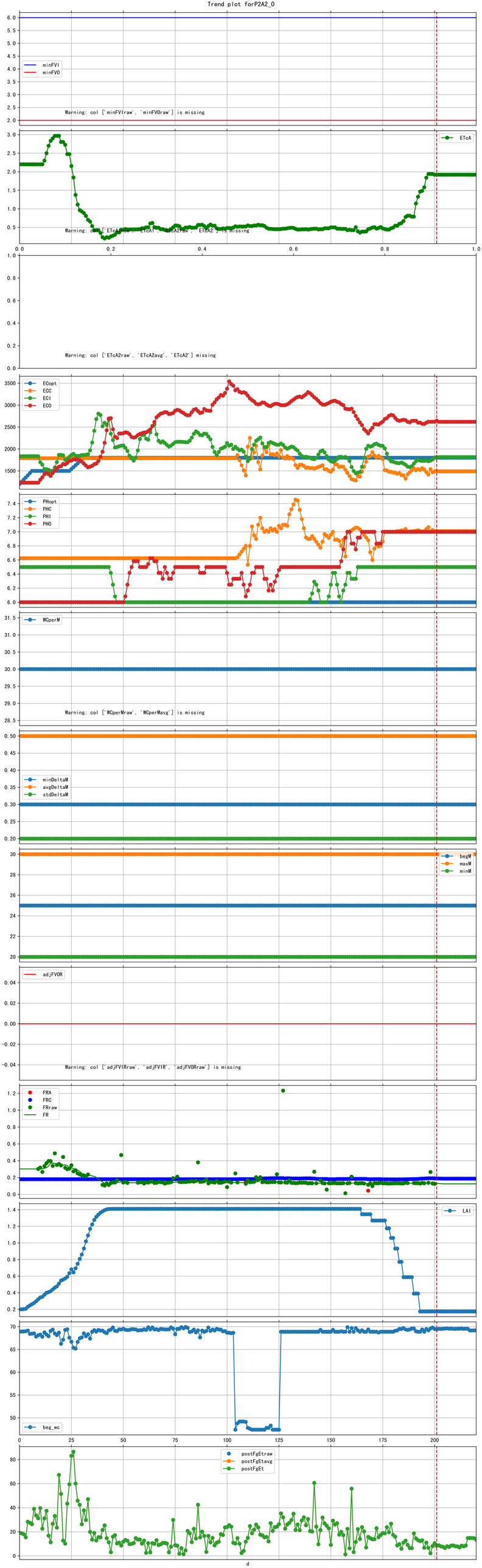


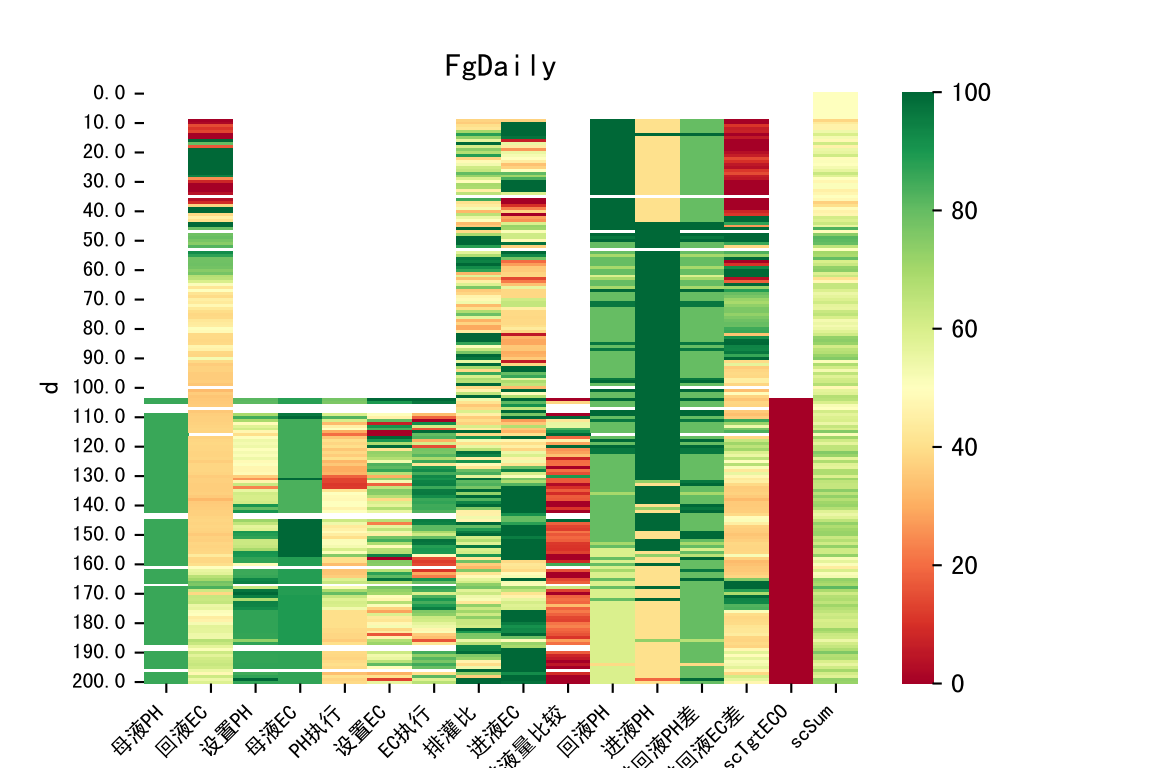




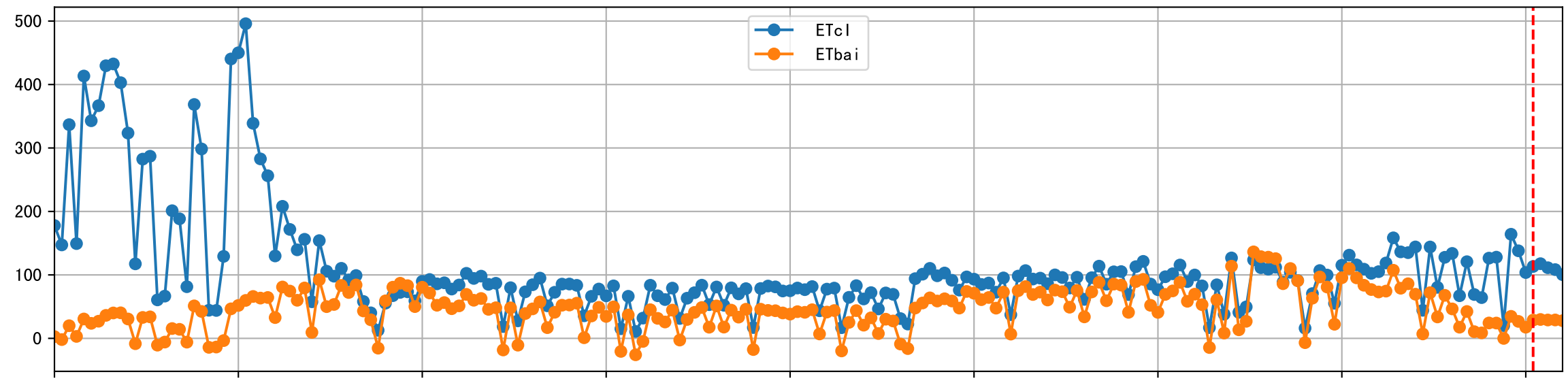


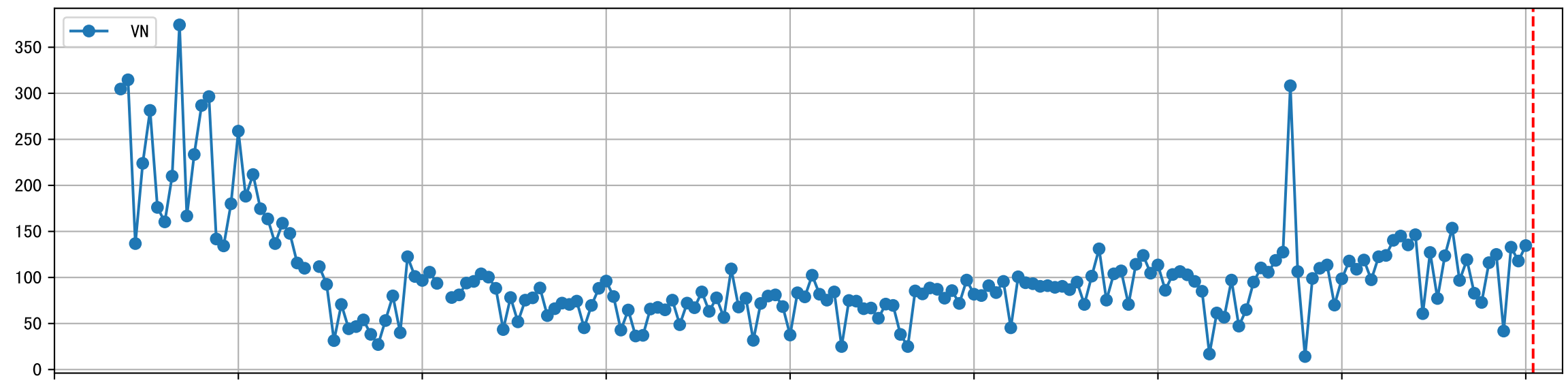

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

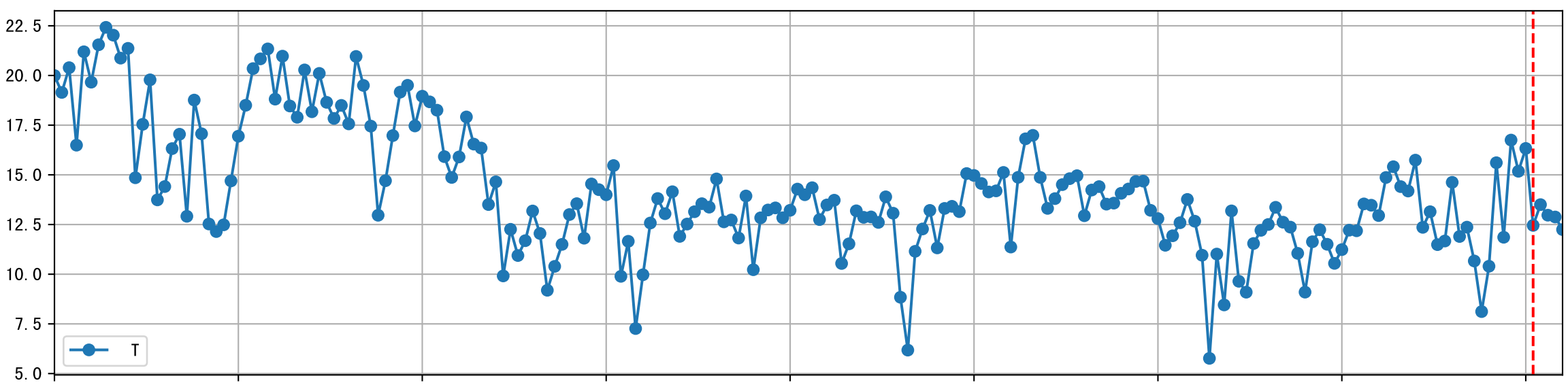

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA2raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing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

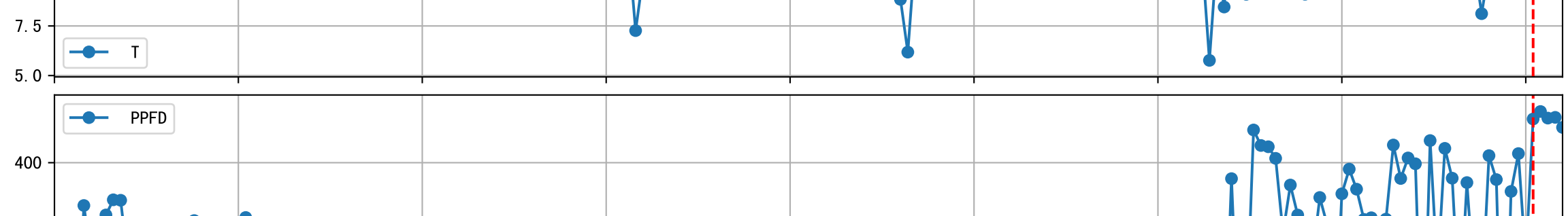

FgDaily
d
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
110.0
120.0
130.0
140.0
150.0
160.0
170.0
180.0
190.0
200.0
100
80
60
40
20
0
母液PH
回液EC
设置PH
母液EC
PH执行
设置EC
EC执行
排灌比
进液EC
液量比较
回液PH
进液PH
回液PH差
回液EC差
scTgtEC0
scSum

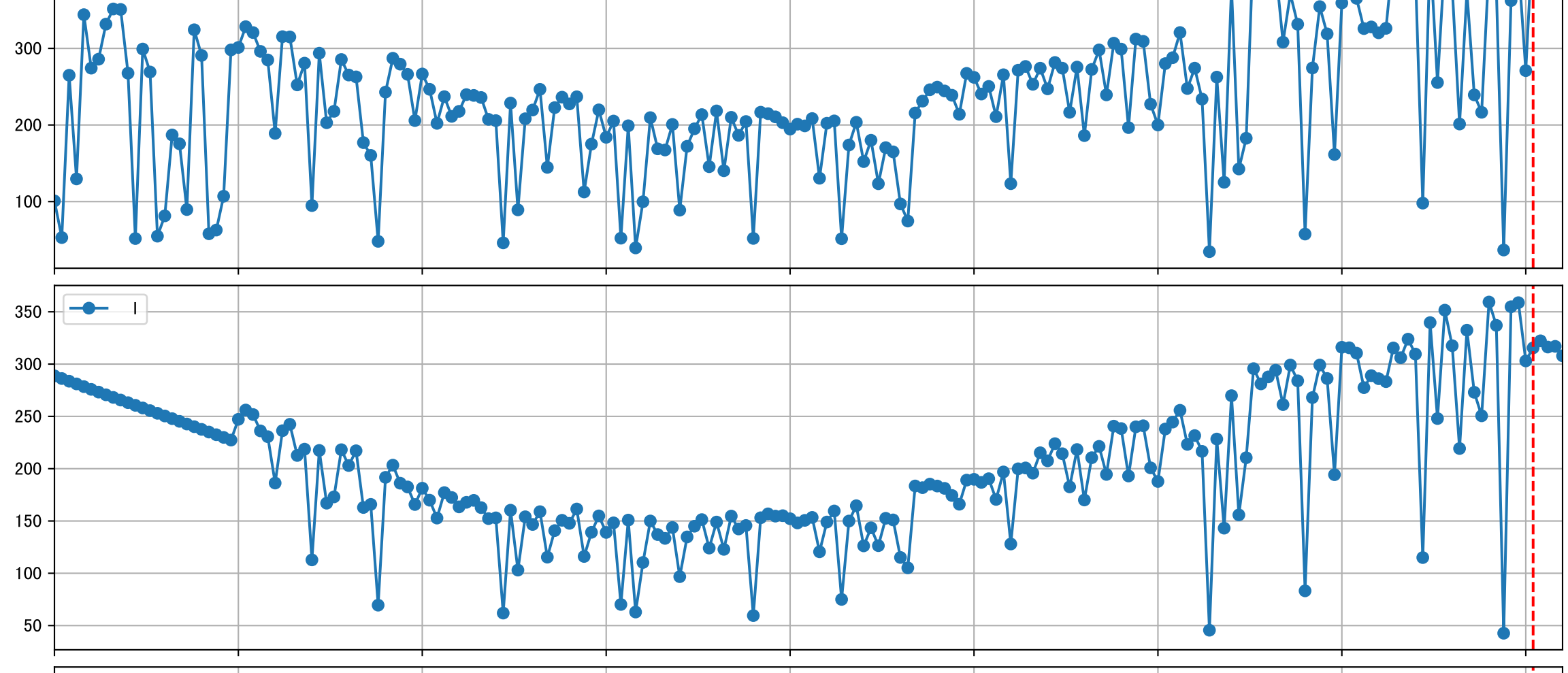
P2A2_0

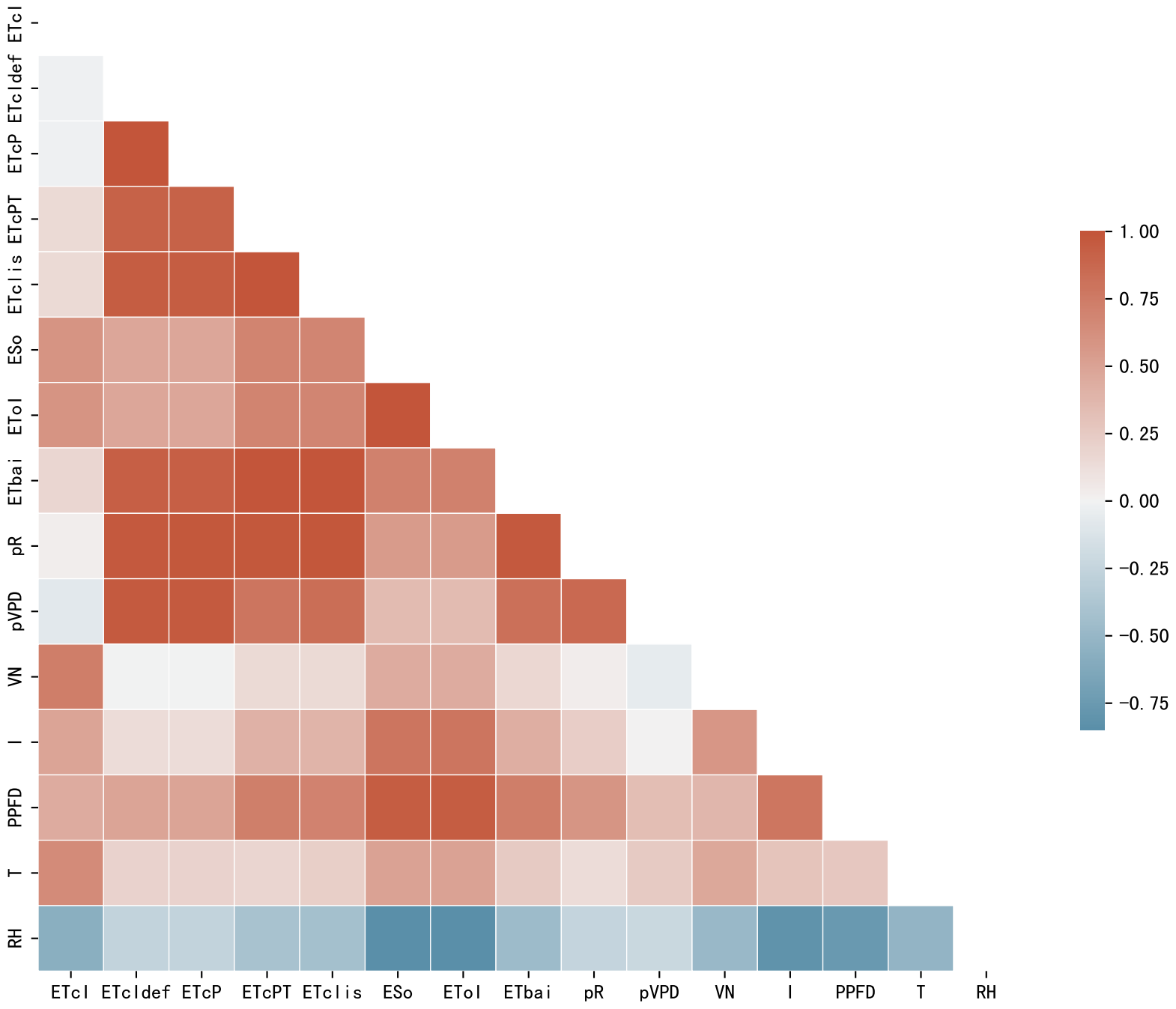


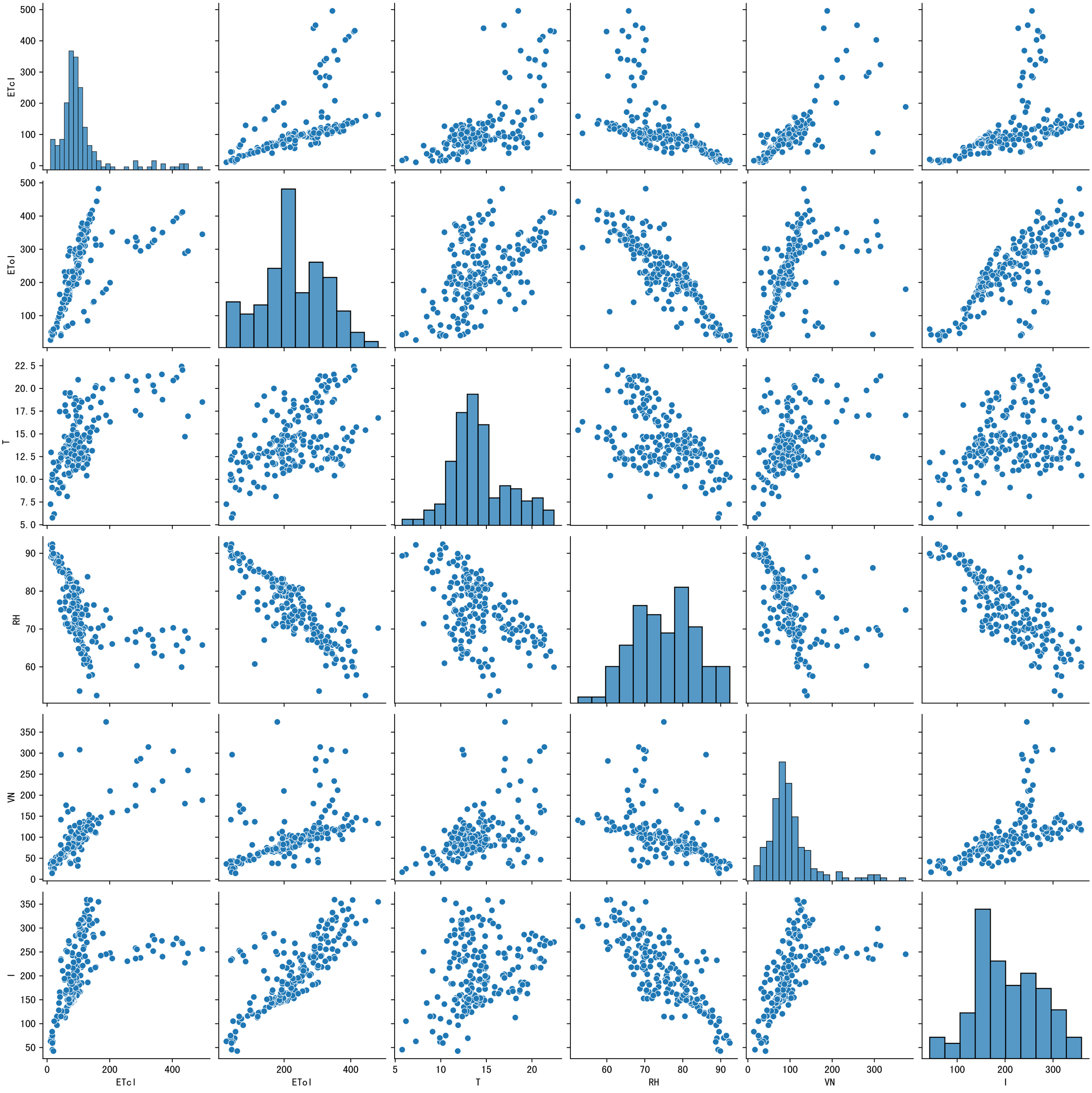


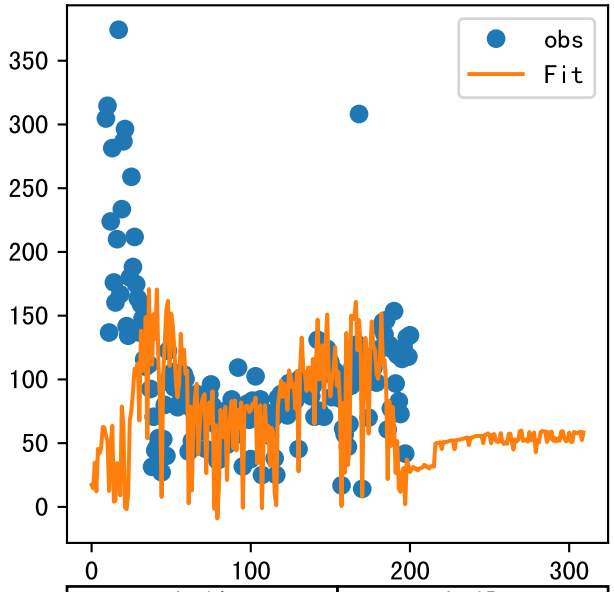


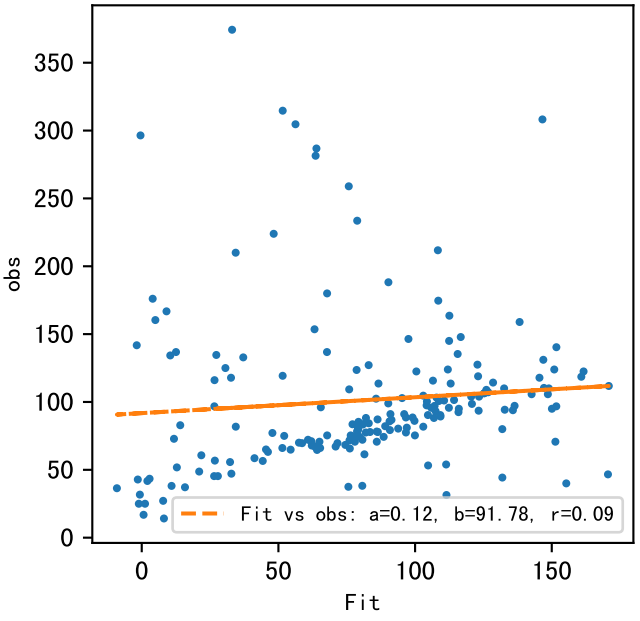




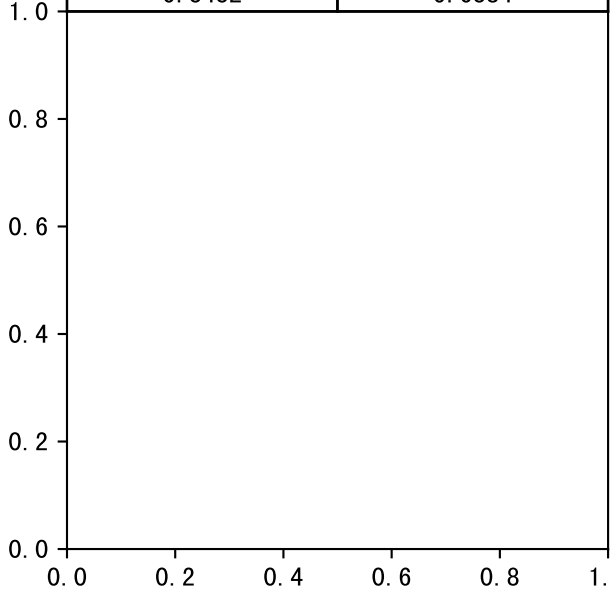

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

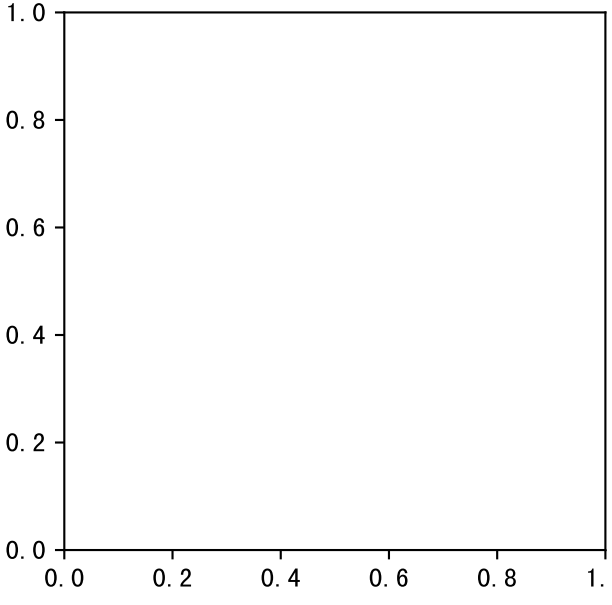

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

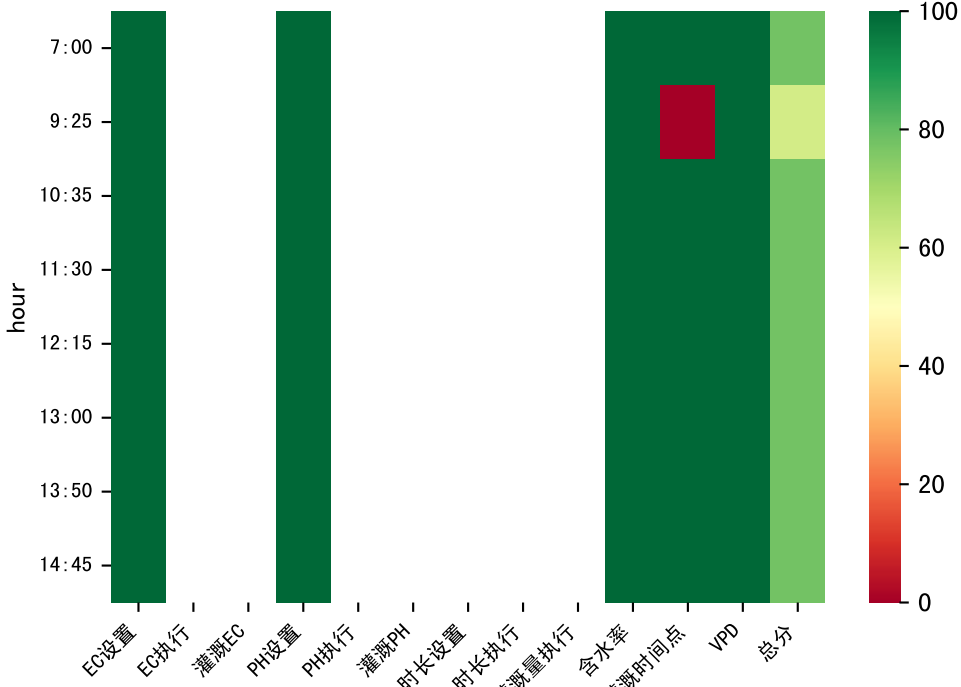




baiA	baiB
0.3432	0.0384

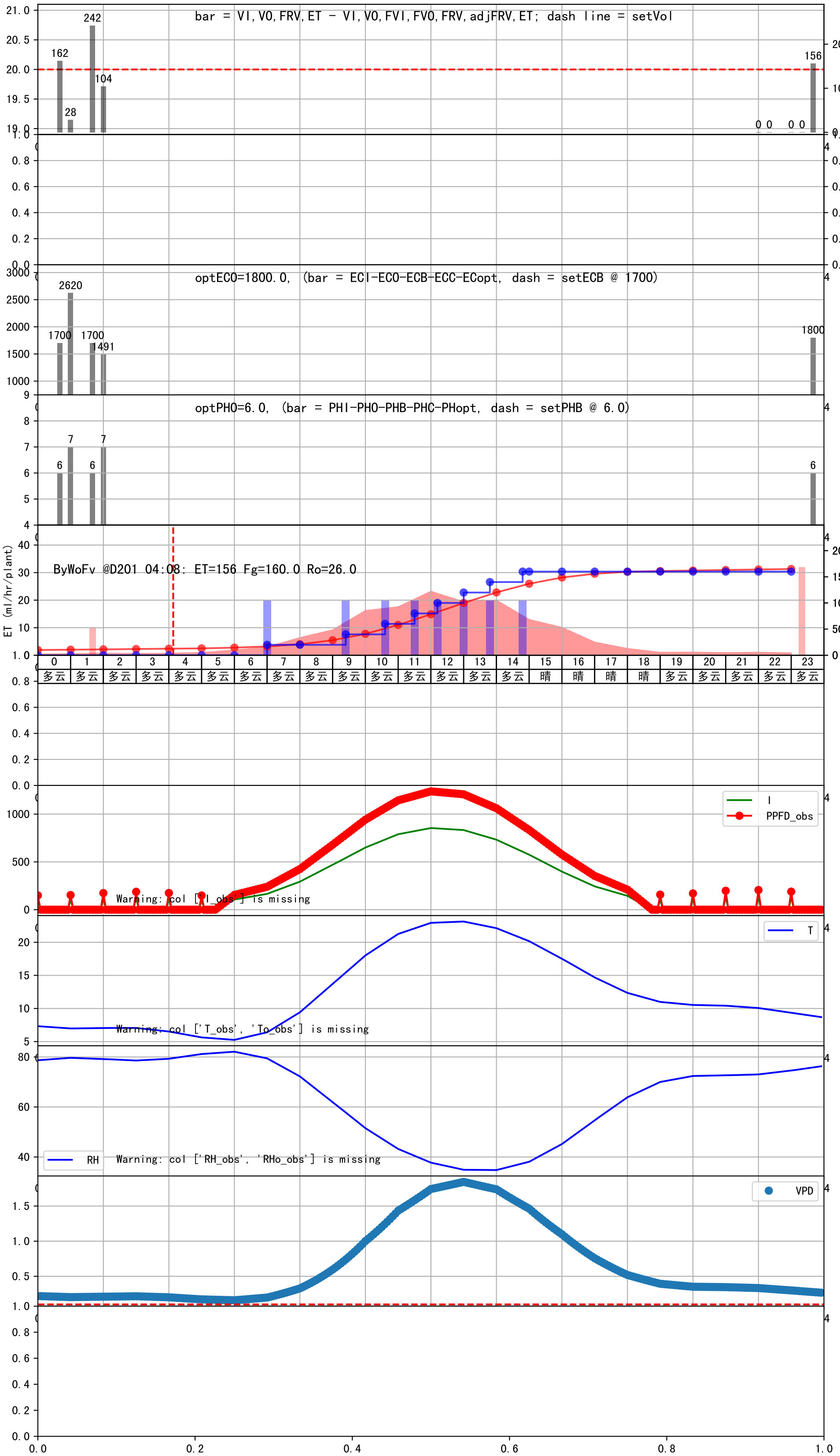


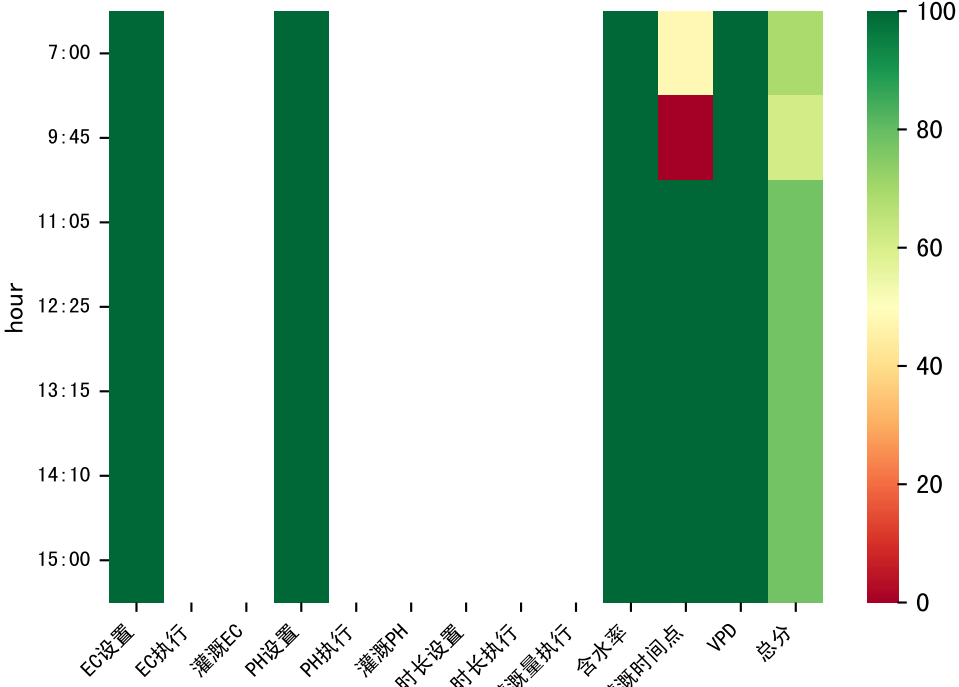



hour
7:00
9:25
10:35
11:30
12:15
13:00
13:50
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	154	20.0	0.441	多云	预期@07:00 自主（未用传感器）
09:25	154	20.0	0.441	多云	预期@09:25 自主（未用传感器）
10:35	154	20.0	0.441	多云	预期@10:35 自主（未用传感器）
11:30	154	20.0	0.441	多云	预期@11:30 自主（未用传感器）
12:15	154	20.0	0.441	多云	预期@12:15 自主（未用传感器）
13:00	154	20.0	0.441	多云	预期@13:00 自主（未用传感器）
13:50	154	20.0	0.441	多云	预期@13:50 自主（未用传感器）
14:45	154	20.0	0.441	多云	预期@14:45 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=201 (2026-04-13)

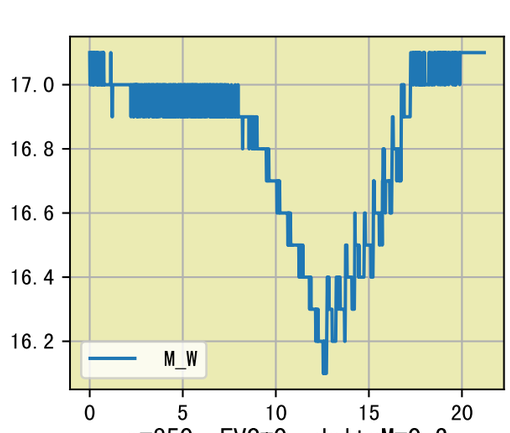


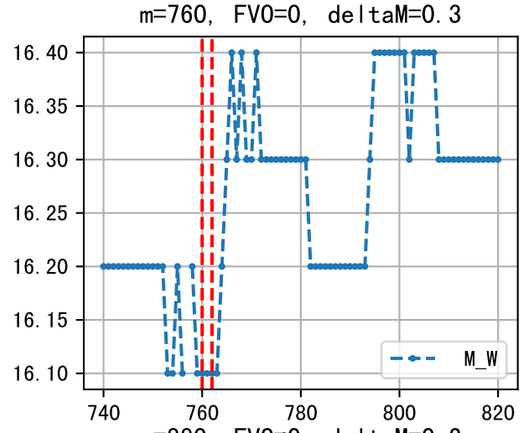

hour
7:00
9:45
11:05
12:25
13:15
14:10
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

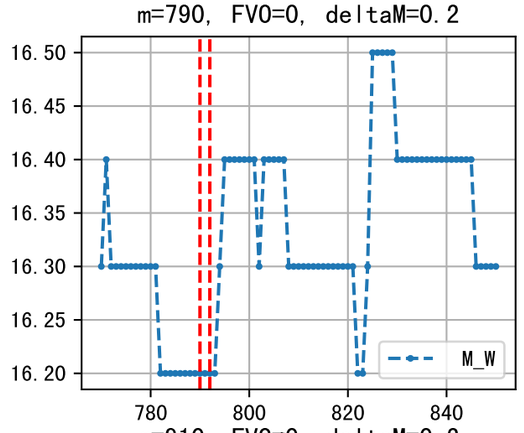
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	131	20.0	0.441	阴	假设@07:00 自动（未用传感器）
09:45	131	20.0	0.441	阴	假设@09:45 自动（未用传感器）
11:05	131	20.0	0.441	阴	假设@11:05 自动（未用传感器）
12:25	131	20.0	0.441	阴	假设@12:25 自动（未用传感器）
13:15	131	20.0	0.441	多云	假设@13:15 自动（未用传感器）
14:10	131	20.0	0.441	多云	假设@14:10 自动（未用传感器）
15:00	131	20.0	0.441	多云	假设@15:00 自动（未用传感器）
总计	917.0 (7次)	140.0			建议进液EC：1700， PH：6.0

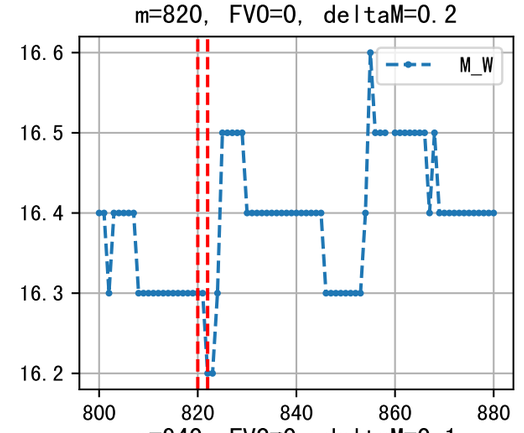
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (24.0 : 17.0)，可能由于一阀多区不均匀
上次灌溉时长(130)与预期(154.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉17.0 ml.

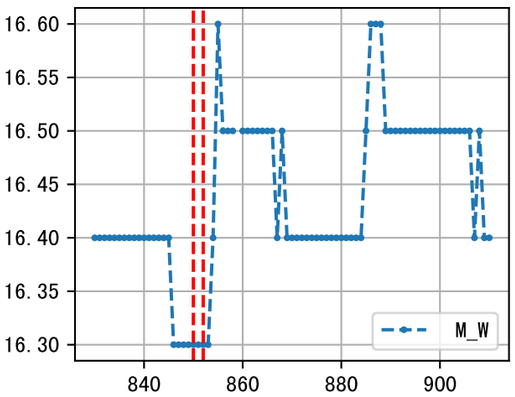
P2A2_0, Day=200.0 (2026-04-12)

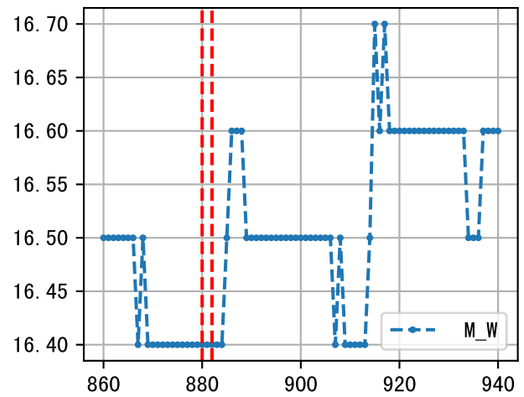

M_W

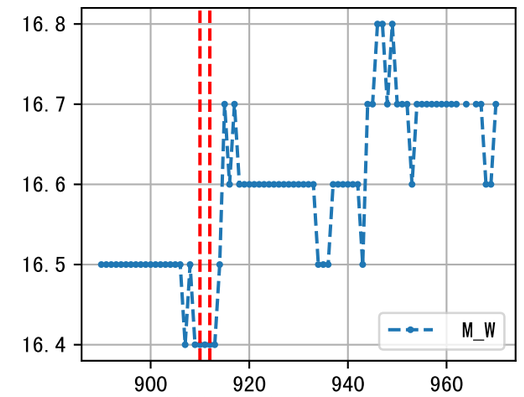

m=760, FV0=0, deltaM=0.3
M_W

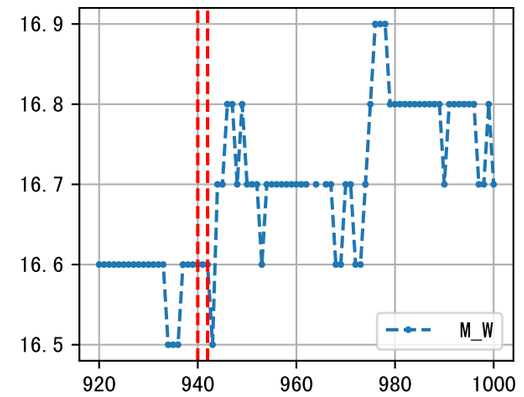

m=790, FV0=0, deltaM=0.2
M_W

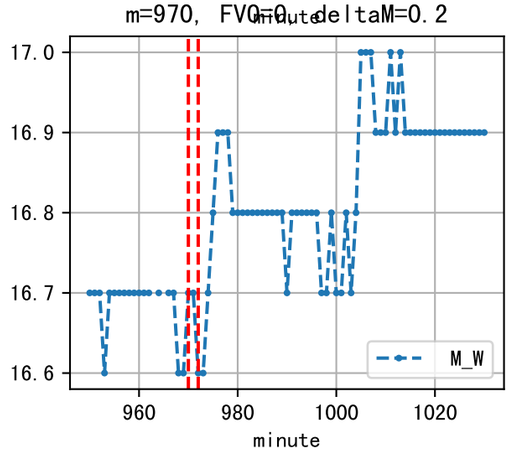

m=820, FV0=0, deltaM=0.2
M_W

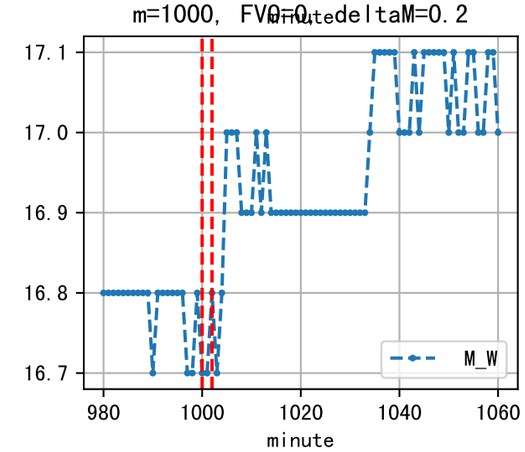

m=850, FV0=0, deltaM=0.2
hour
M_W

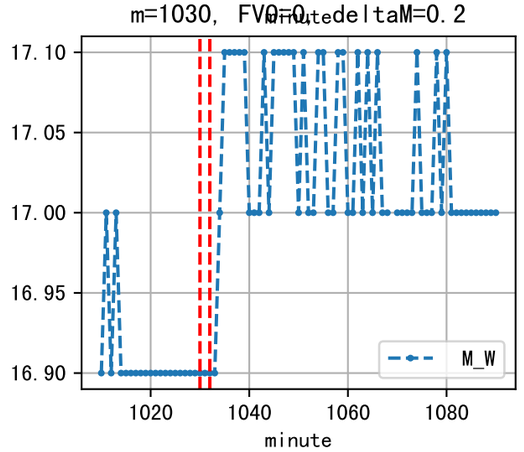

m=880, FV0=0, deltaM=0.2
minute
M_W


m=910, FV0=0, deltaM=0.2
minute
M_W

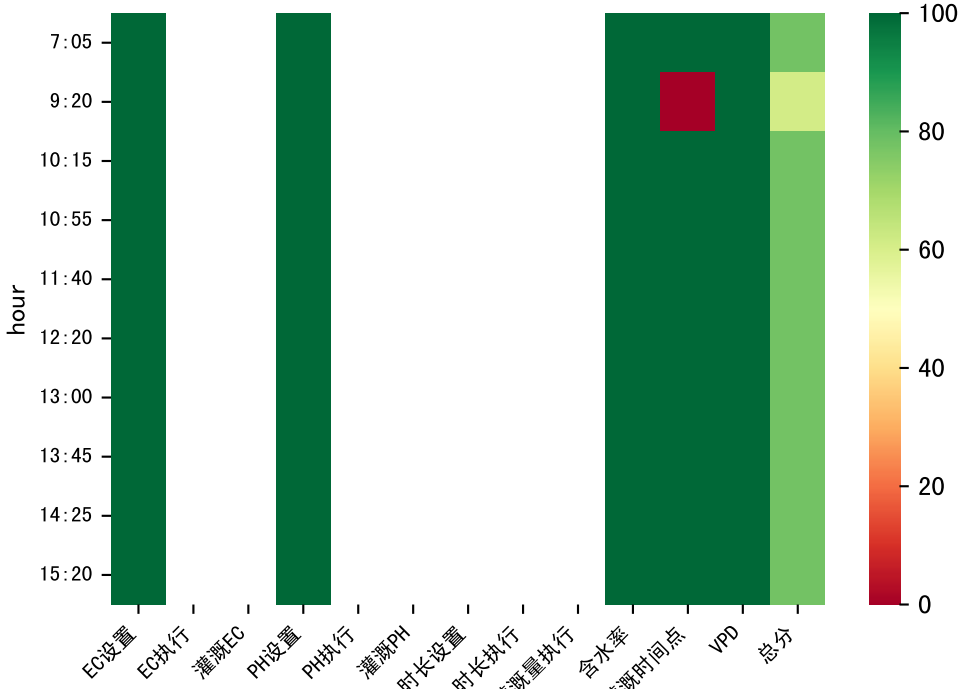

m=940, FV0=0, deltaM=0.1
minute
M_W


m=970, FV0=0, deltaM=0.2
minute
M_W
minute


m=1000, FV0=0, deltaM=0.2
minute
M_W
minute


m=1030, FV0=0, deltaM=0.2
minute
M_W
minute

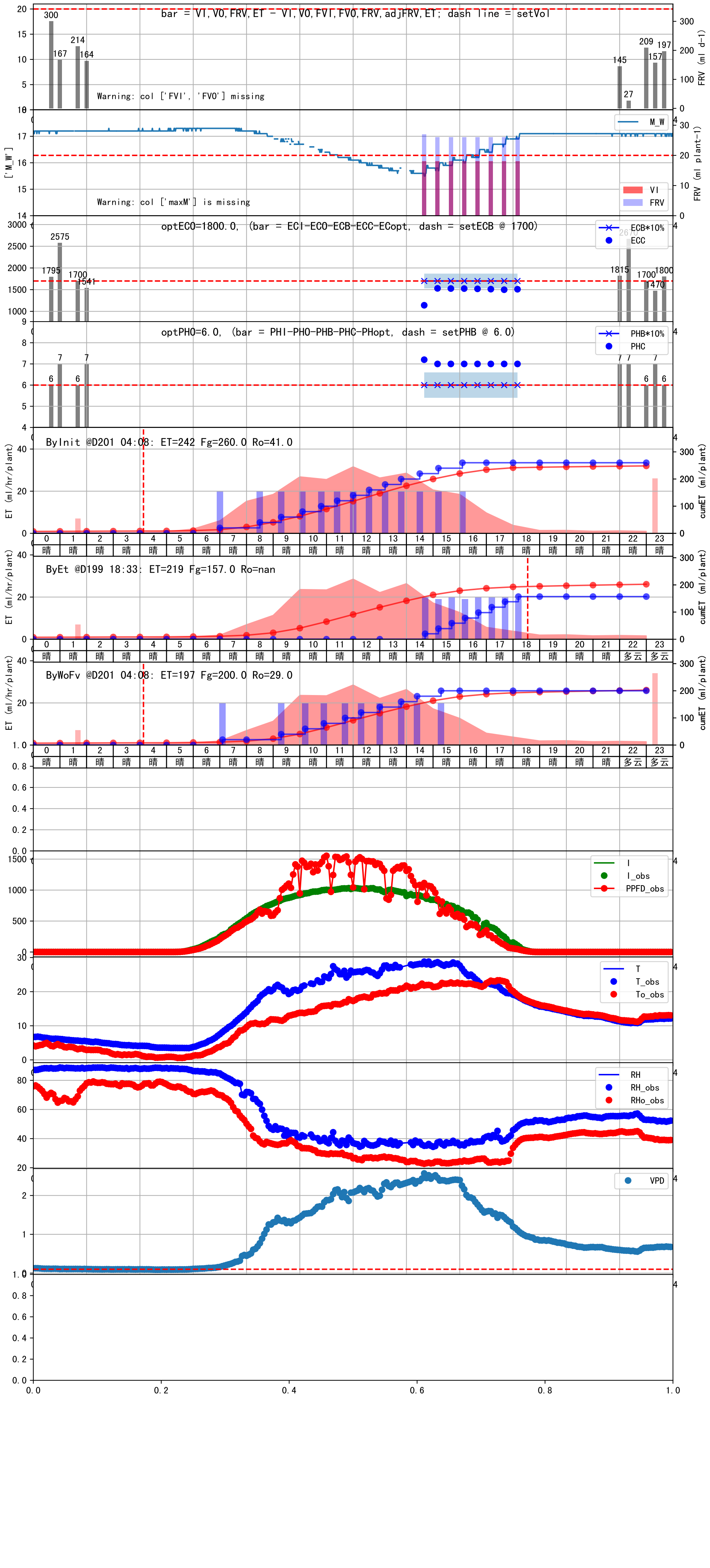

minute

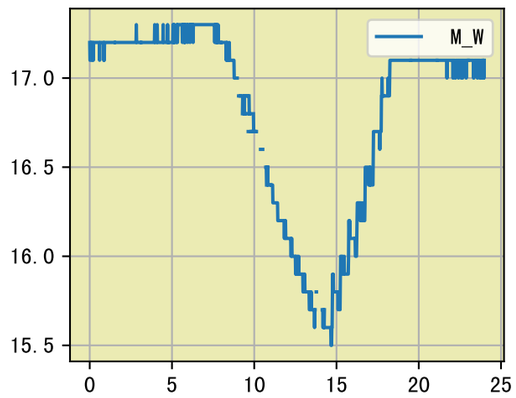

hour
7:05
9:20
10:15
10:55
11:40
12:20
13:00
13:45
14:25
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

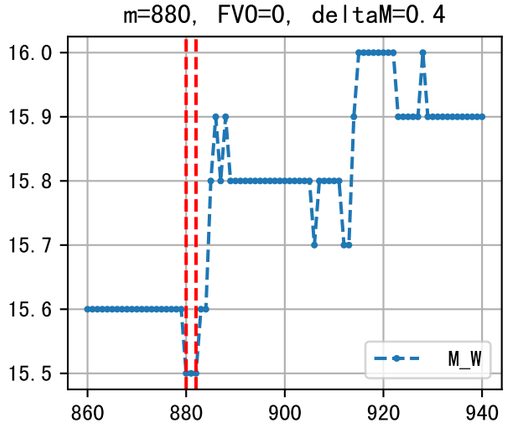
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	141	20.0	0.441	晴	假设@07:05 自动（未用传感器）
09:20	141	20.0	0.441	晴	假设@09:20 自动（未用传感器）
10:15	141	20.0	0.441	晴	假设@10:15 自动（未用传感器）
10:55	141	20.0	0.441	晴	假设@10:55 自动（未用传感器）
11:40	141	20.0	0.441	晴	假设@11:40 自动（未用传感器）
12:20	141	20.0	0.441	晴	假设@12:20 自动（未用传感器）
13:00	141	20.0	0.441	晴	假设@13:00 自动（未用传感器）
13:45	141	20.0	0.441	晴	假设@13:45 自动（未用传感器）
14:25	141	20.0	0.441	晴	假设@14:25 自动（未用传感器）
15:20	141	20.0	0.441	晴	假设@15:20 自动（未用传感器）
总计	1410.0 (10次)	200.0			建议进液EC：1700， PH：6.0

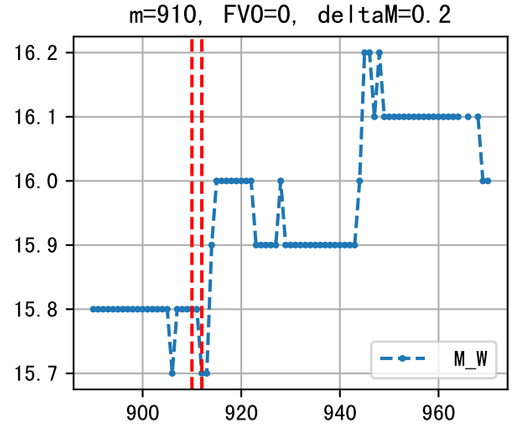
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (26.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

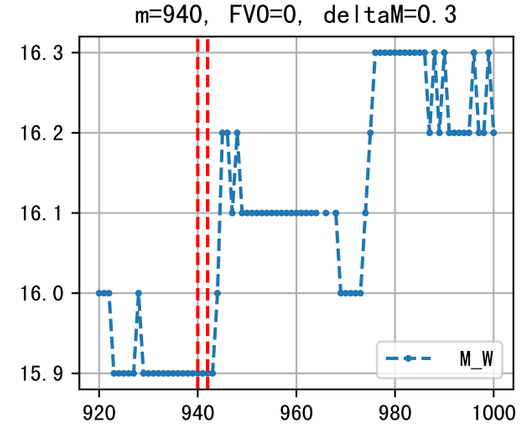
P2A2_0, Day=199.0 (2026-04-11)

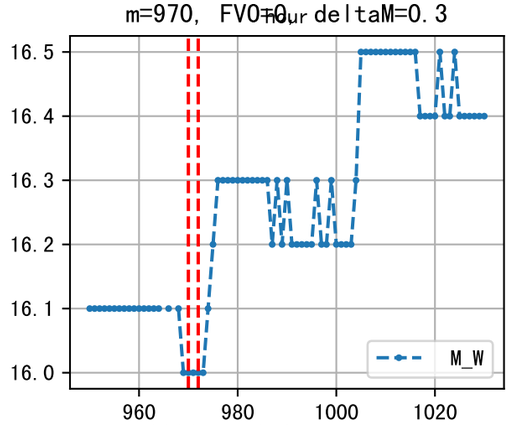


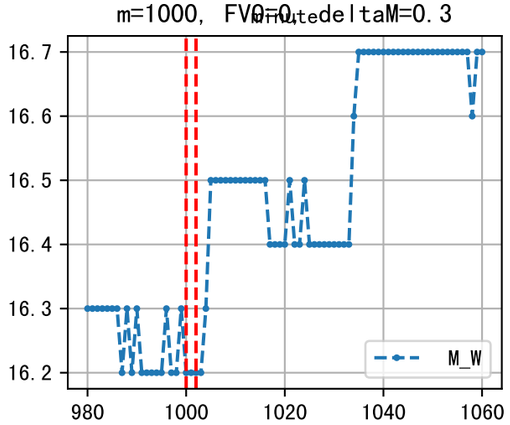

M_W
17.0
16.5
16.0
15.5
0
5
10
15
20
25

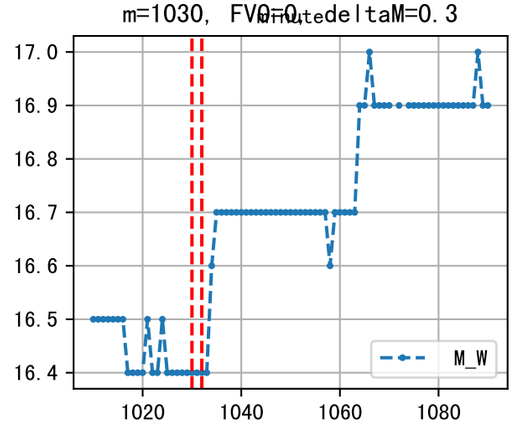

m=880, FV0=0, deltaM=0.4
M_W
16.0
15.9
15.8
15.7
15.6
15.5
860
880
900
920
940

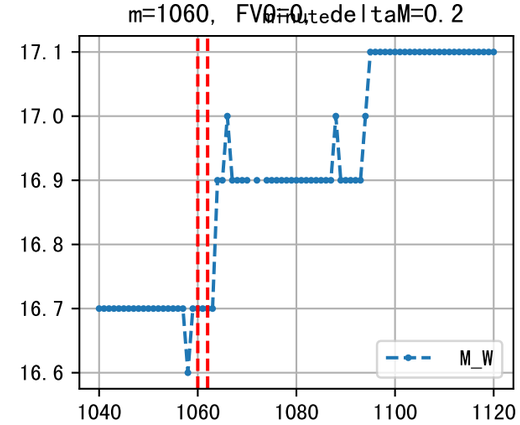

m=910, FV0=0, deltaM=0.2
M_W
16.2
16.1
16.0
15.9
15.8
15.7
900
920
940
960

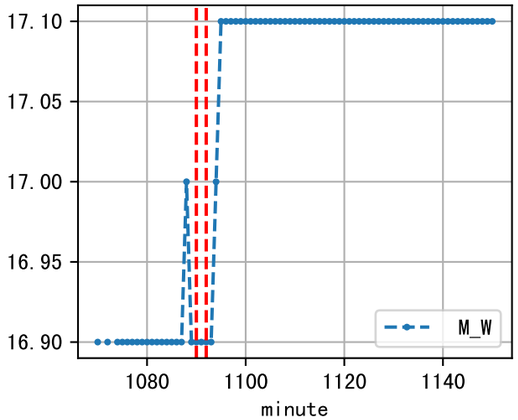

m=940, FV0=0, deltaM=0.3
M_W
16.3
16.2
16.1
16.0
15.9
920
940
960
980
1000

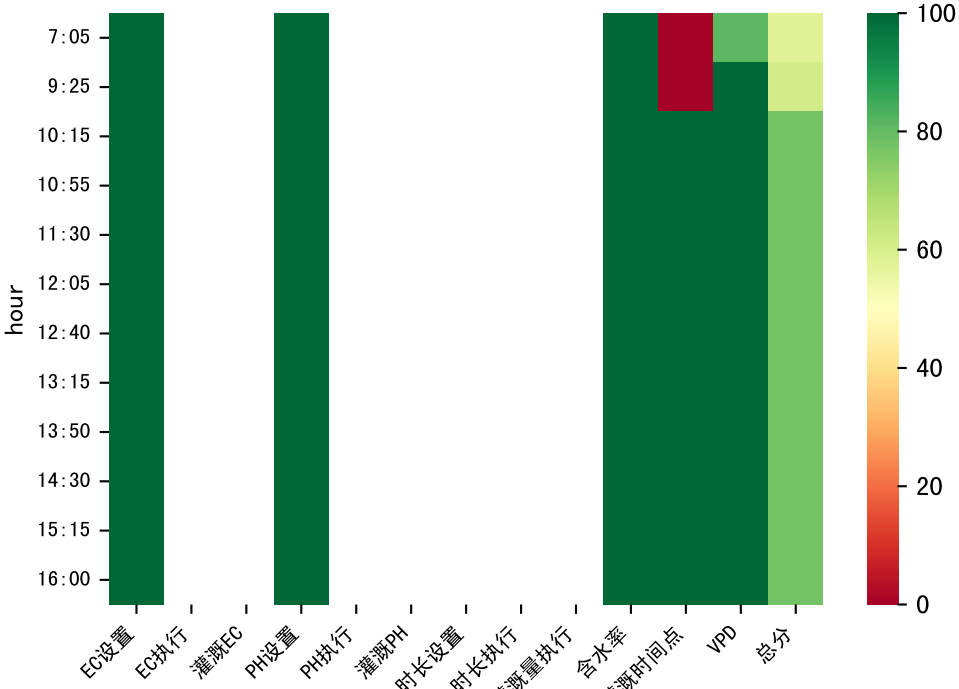

m=970, FV0=0, deltaM=0.3
M_W
16.5
16.4
16.3
16.2
16.1
16.0
960
980
1000
1020


m=1000, FV0=0, deltaM=0.3
M_W
16.7
16.6
16.5
16.4
16.3
16.2
980
1000
1020
1040
1060
minute


m=1030, FV0=0, deltaM=0.3
M_W
17.0
16.9
16.8
16.7
16.6
16.5
16.4
1020
1040
1060
1080
minute


m=1060, FV0=0, deltaM=0.2
M_W
17.1
17.0
16.9
16.8
16.7
16.6
1040
1060
1080
1100
1120
minute

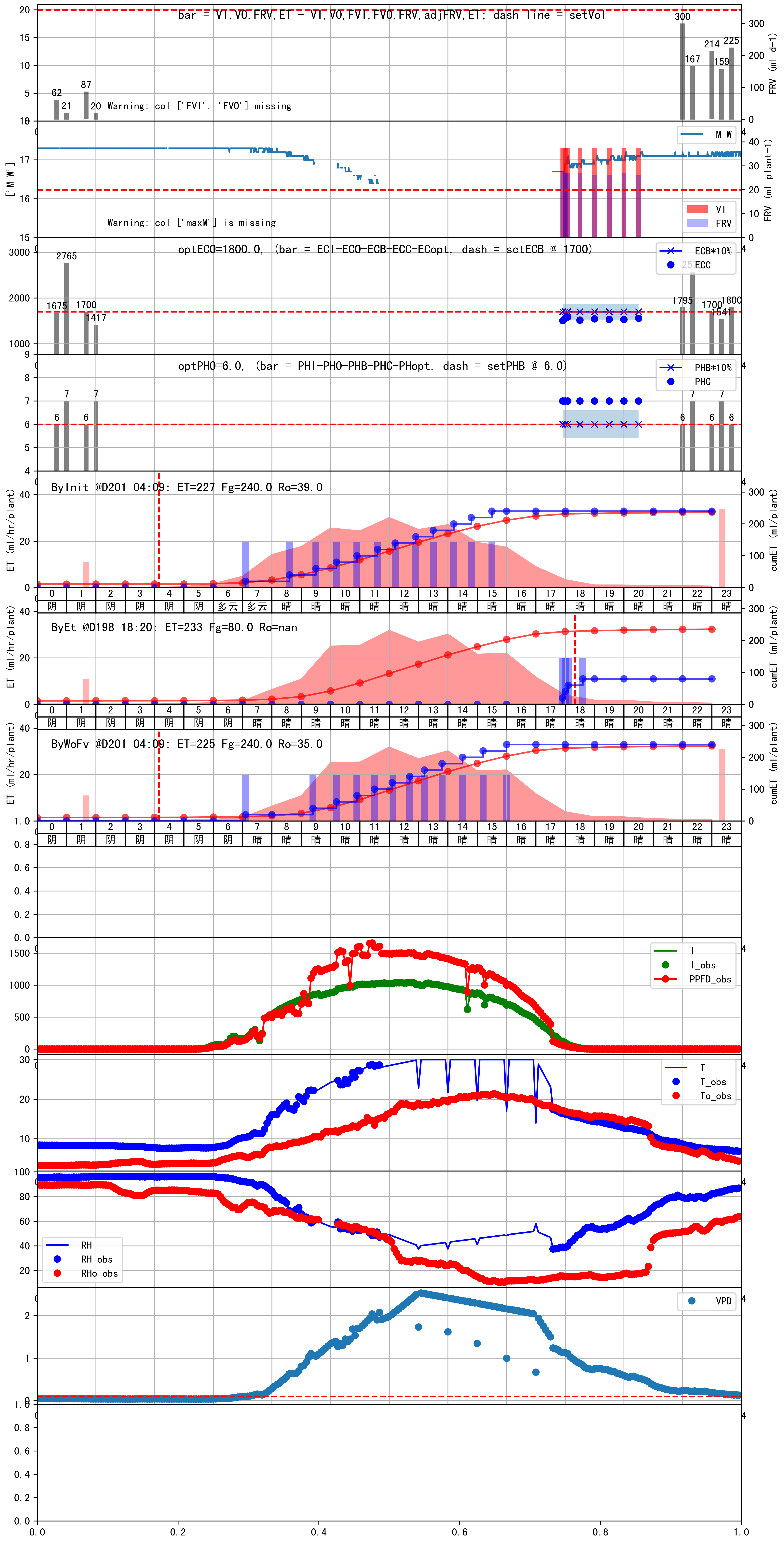

m=1090, FV0=0, deltaM=0.2
M_W
17.10
17.05
17.00
16.95
16.90
1080
1100
1120
1140
minute

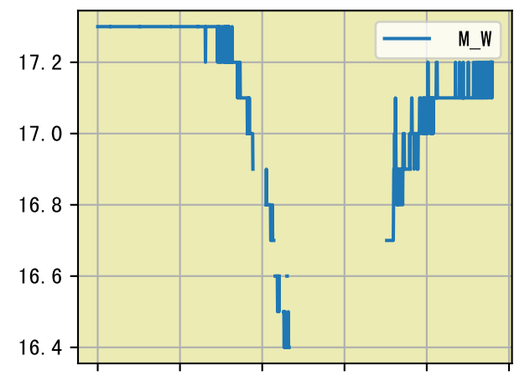

hour
7:05
9:25
10:15
10:55
11:30
12:05
12:40
13:15
13:50
14:30
15:15
16:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

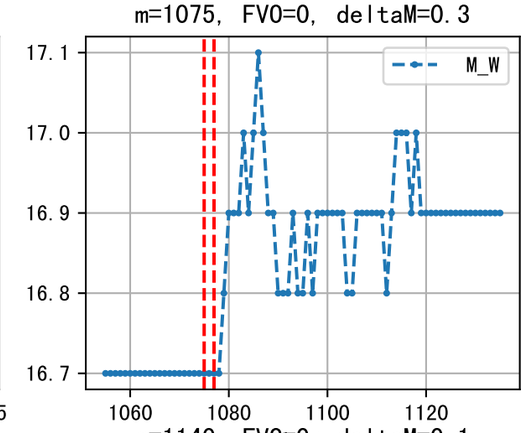
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	142	20.0	0.441	晴	假设@07:05 自动（未用传感器）
09:25	142	20.0	0.441	晴	假设@09:25 自动（未用传感器）
10:15	142	20.0	0.441	晴	假设@10:15 自动（未用传感器）
10:55	142	20.0	0.441	晴	假设@10:55 自动（未用传感器）
11:30	142	20.0	0.441	晴	假设@11:30 自动（未用传感器）
12:05	142	20.0	0.441	晴	假设@12:05 自动（未用传感器）
12:40	142	20.0	0.441	晴	假设@12:40 自动（未用传感器）
13:15	142	20.0	0.441	晴	假设@13:15 自动（未用传感器）
13:50	142	20.0	0.441	晴	假设@13:50 自动（未用传感器）
14:30	142	20.0	0.441	晴	假设@14:30 自动（未用传感器）
15:15	142	20.0	0.441	晴	假设@15:15 自动（未用传感器）
16:00	142	20.0	0.441	晴	假设@16:00 自动（未用传感器）
总计	1704.0 (12次)	240.0			建议进液EC：1700， PH：6.0

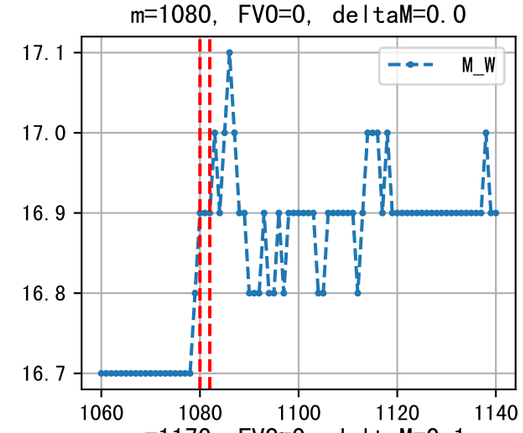
滴头平均流速偏小（0.19 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (26.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

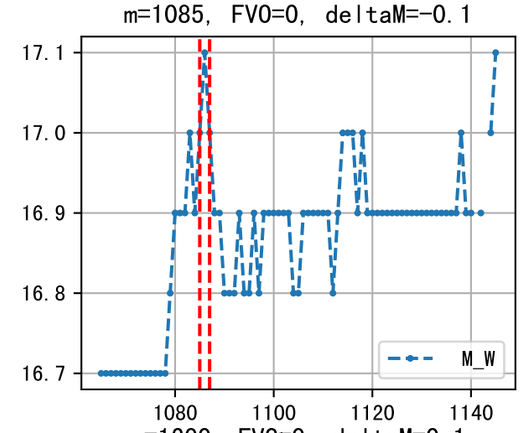
P2A2_0, Day=198.0 (2026-04-10)

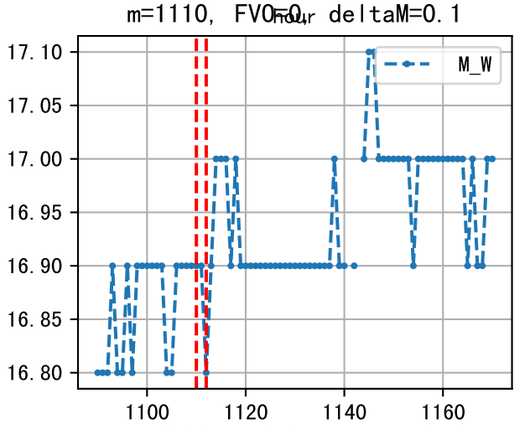


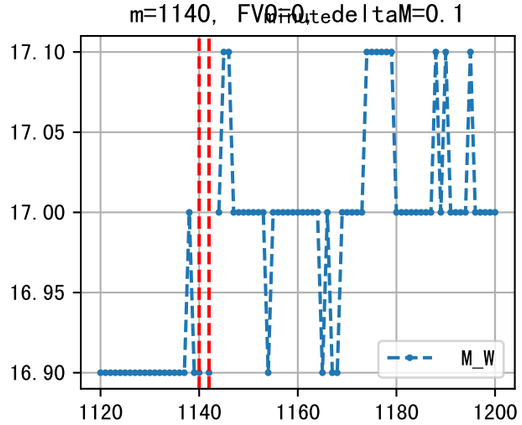

M_W
17.2
17.0
16.8
16.6
16.4
0
5
10
15
20
25

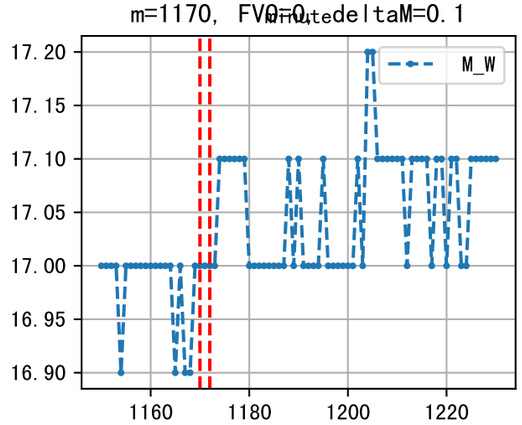

m=1075, FV0=0, deltaM=0.3
M_W
17.1
17.0
16.9
16.8
16.7
1060
1080
1100
1120

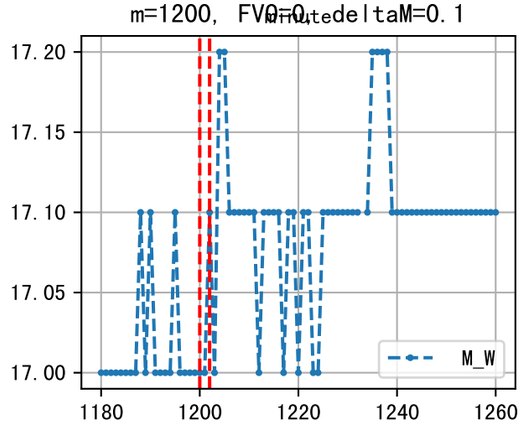

m=1080, FV0=0, deltaM=0.0
M_W
17.1
17.0
16.9
16.8
16.7
1060
1080
1100
1120
1140

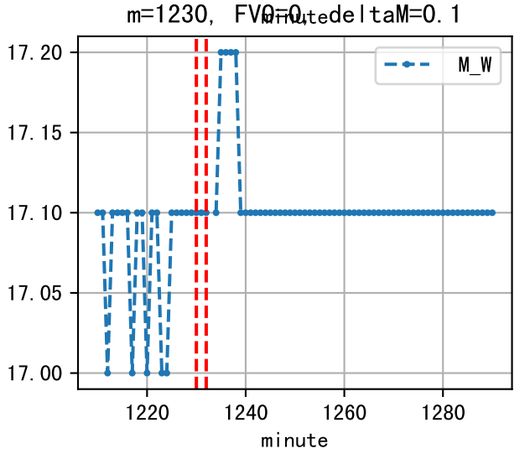

m=1085, FV0=0, deltaM=-0.1
M_W
17.1
17.0
16.9
16.8
16.7
1080
1100
1120
1140

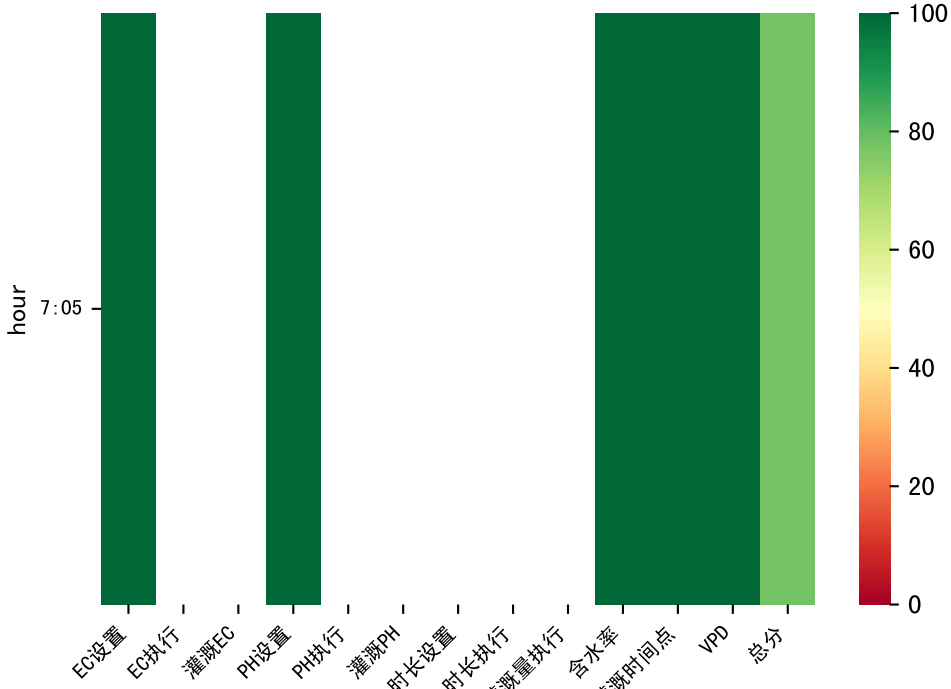

m=1110, FV0=0, deltaM=0.1
M_W
17.10
17.05
17.00
16.95
16.90
16.85
16.80
1100
1120
1140
1160


m=1140, FV0=0, deltaM=0.1
M_W
17.10
17.05
17.00
16.95
16.90
1120
1140
1160
1180
1200
minute


m=1170, FV0=0, deltaM=0.1
M_W
17.20
17.15
17.10
17.05
17.00
16.95
16.90
1160
1180
1200
1220
minute


m=1200, FV0=0, deltaM=0.1
M_W
17.20
17.15
17.10
17.05
17.00
1180
1200
1220
1240
1260
minute

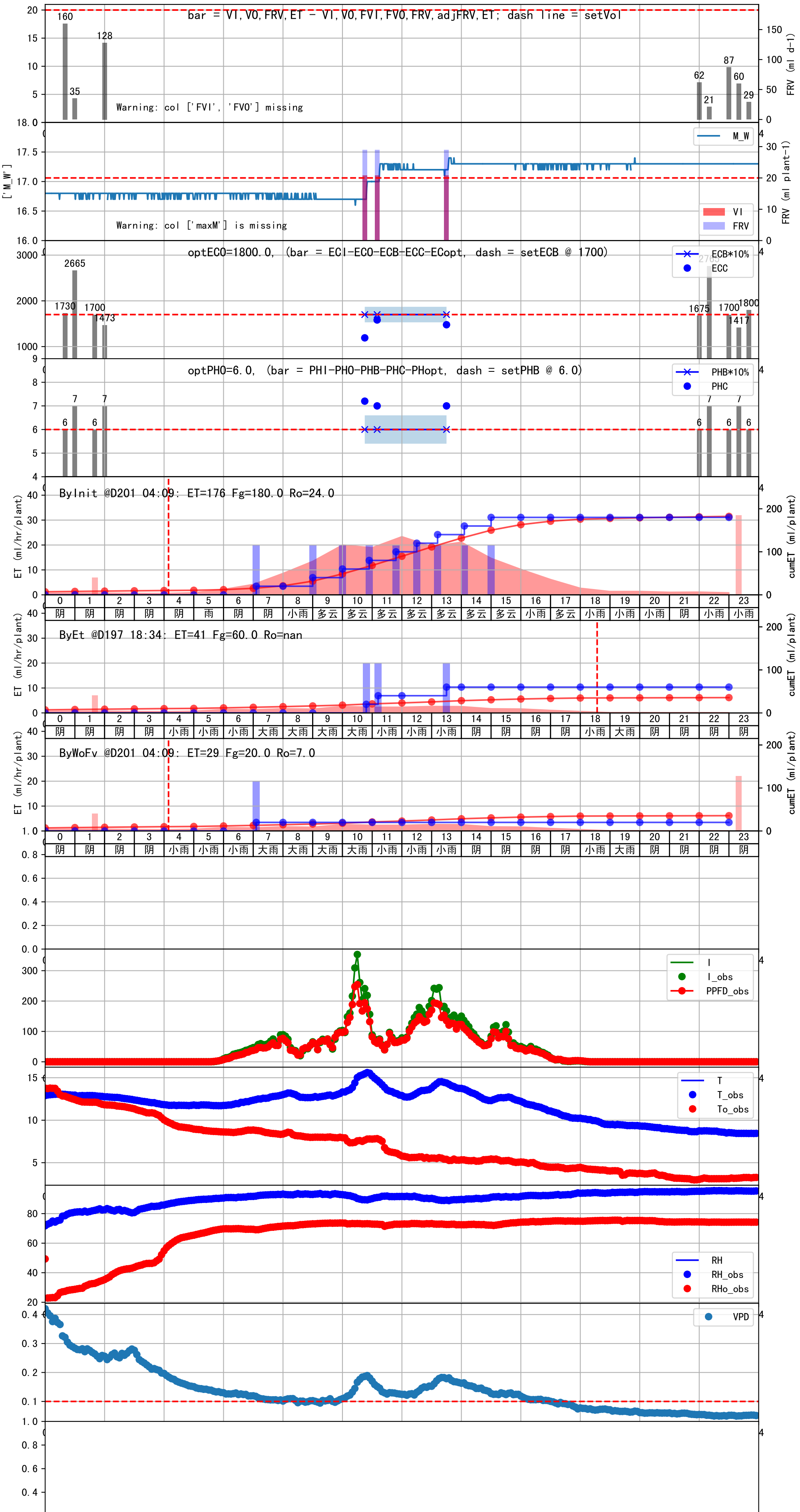

m=1230, FV0=0, deltaM=0.1
M_W
17.20
17.15
17.10
17.05
17.00
1220
1240
1260
1280
minute

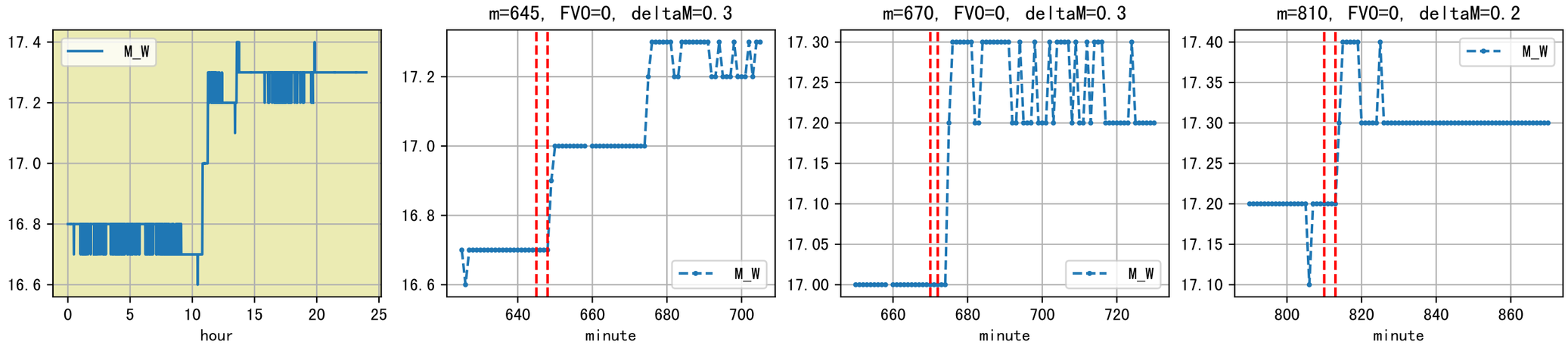

hour
7:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

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	152	20.0	0.441	大雨	假设@07:05 自动（未用传感器）
总计	152.0 (1次)	20.0			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.

P2A2_0, Day=197.0 (2026-04-09)




m=645, FV0=0, deltaM=0.3
m=670, FV0=0, deltaM=0.3
m=810, FV0=0, deltaM=0.2
M_W
hour
minute
minute
minute