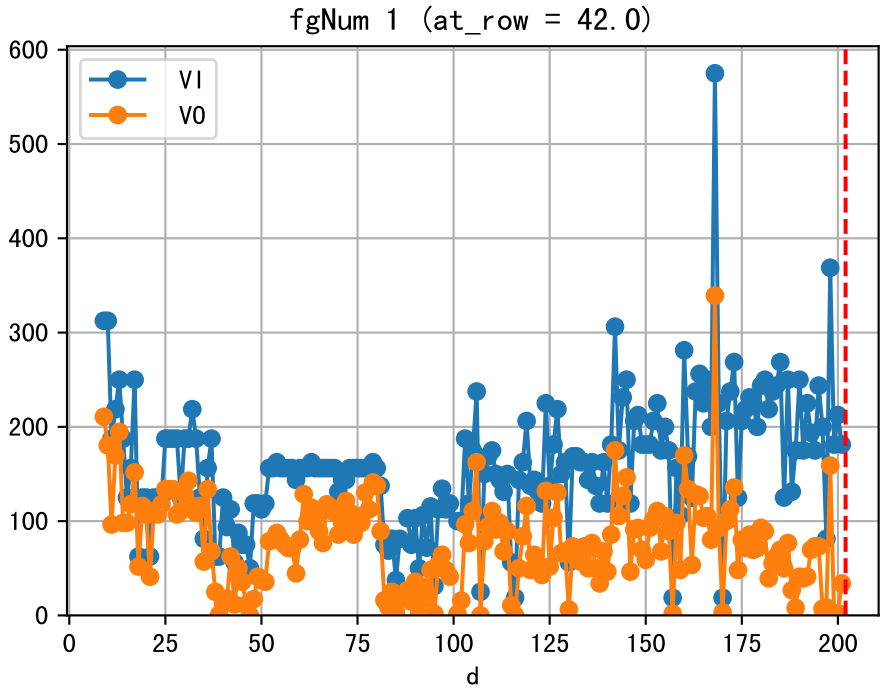
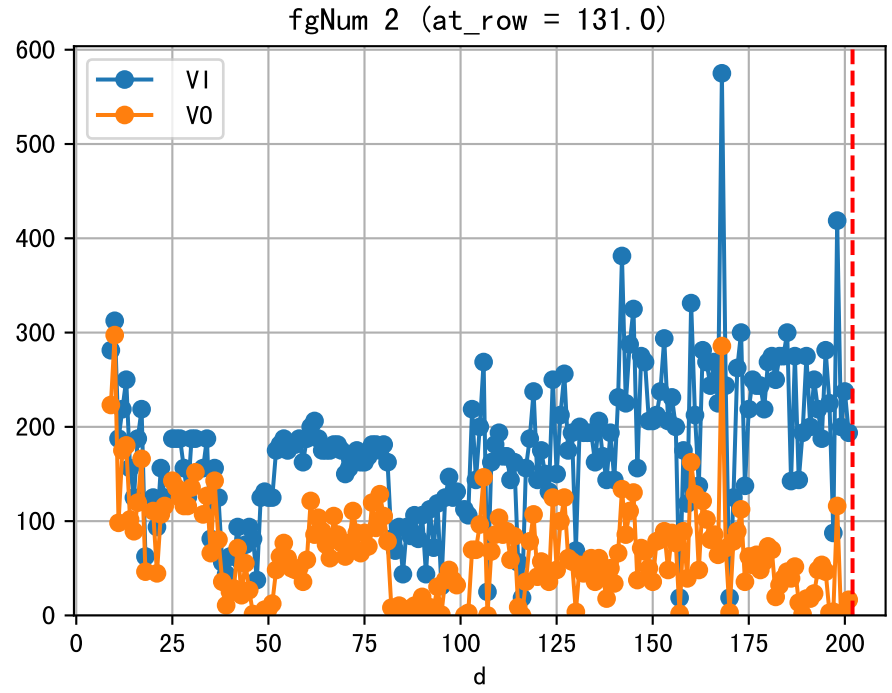
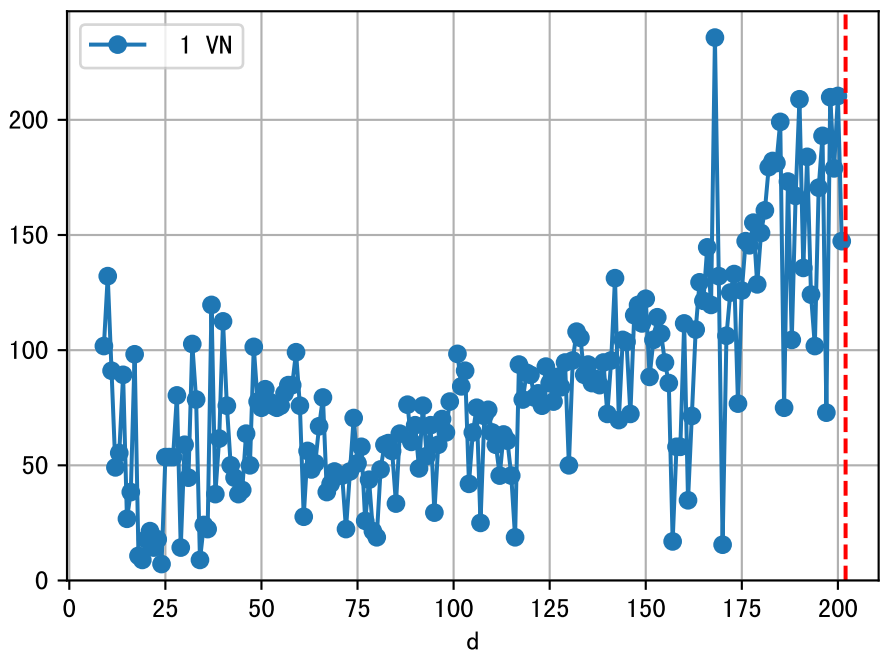
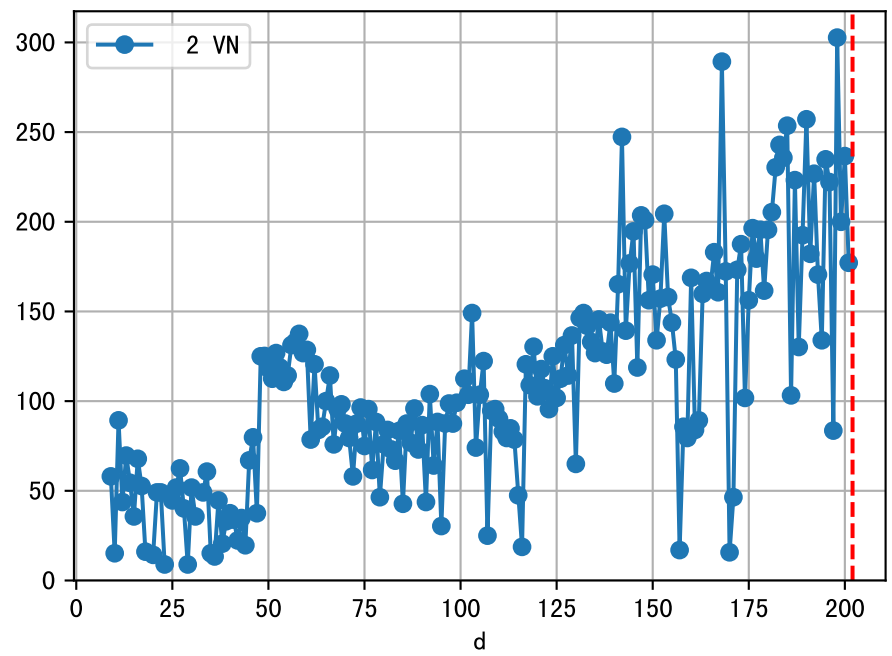
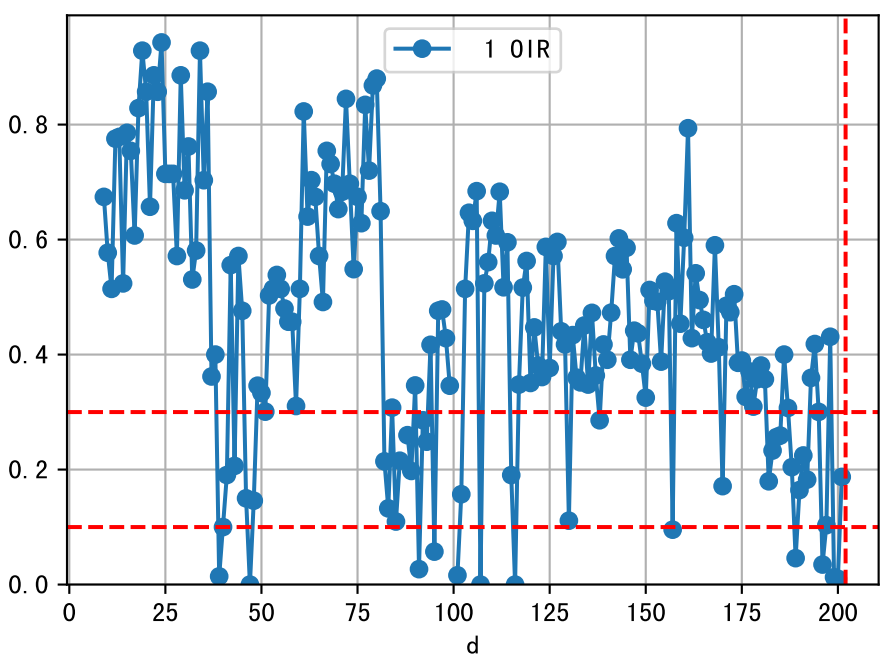
FgArea: ['0']
NC11 P1
2026-04-14 (Day 202)

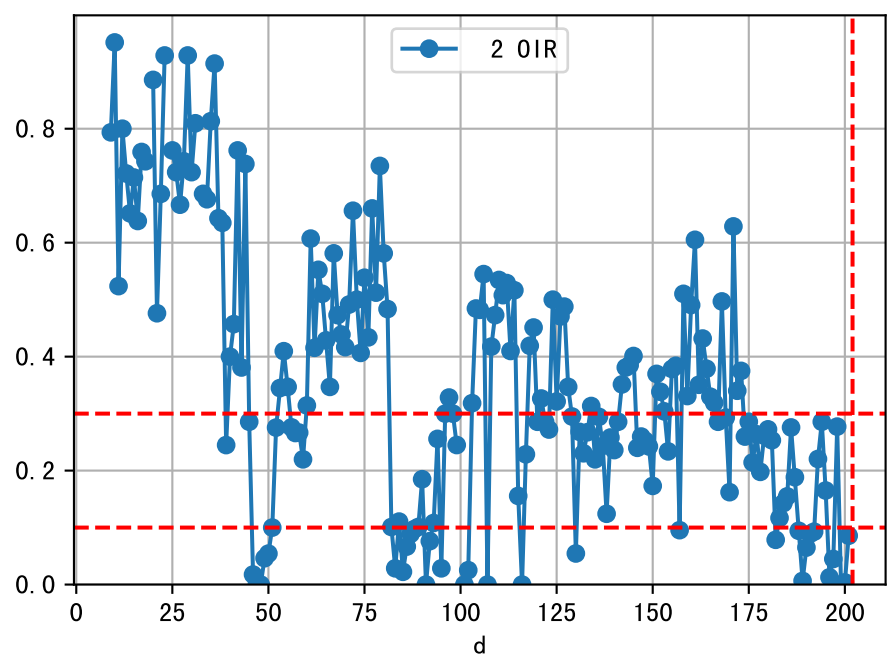

fgNum 1 (at_row = 42.0)
VI
VO
d

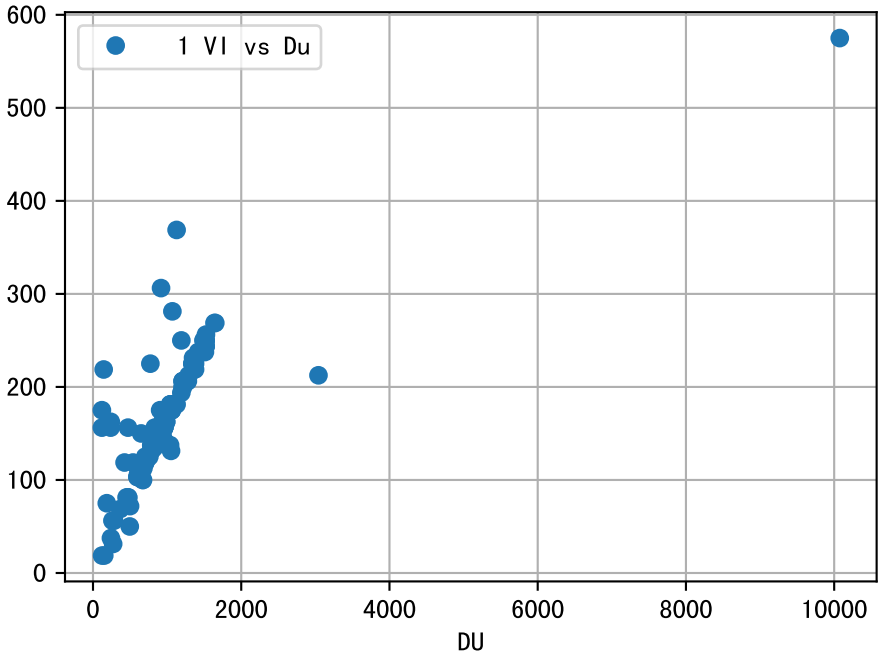

fgNum 2 (at_row = 131.0)
VI
VO
d

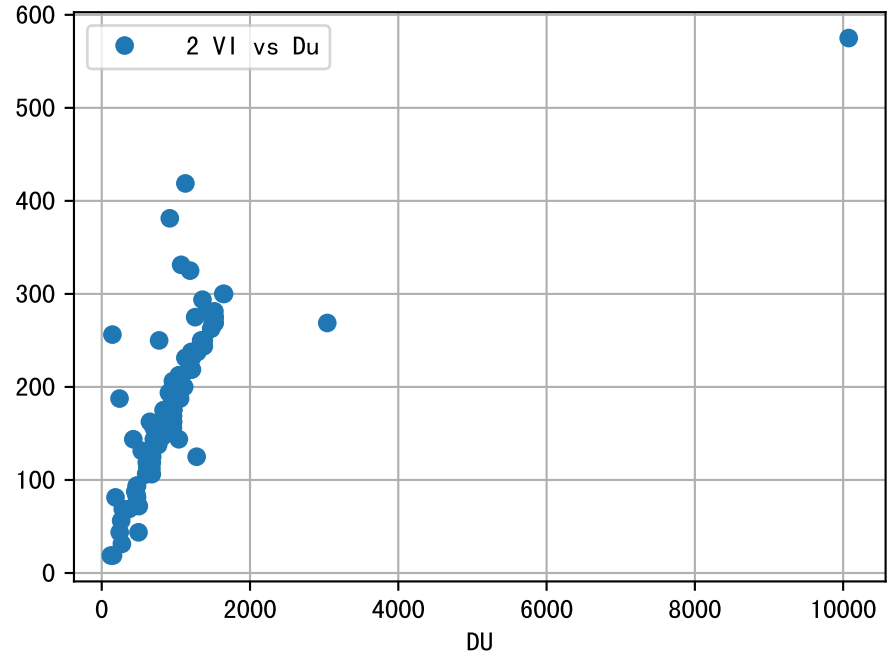

1 VN
d

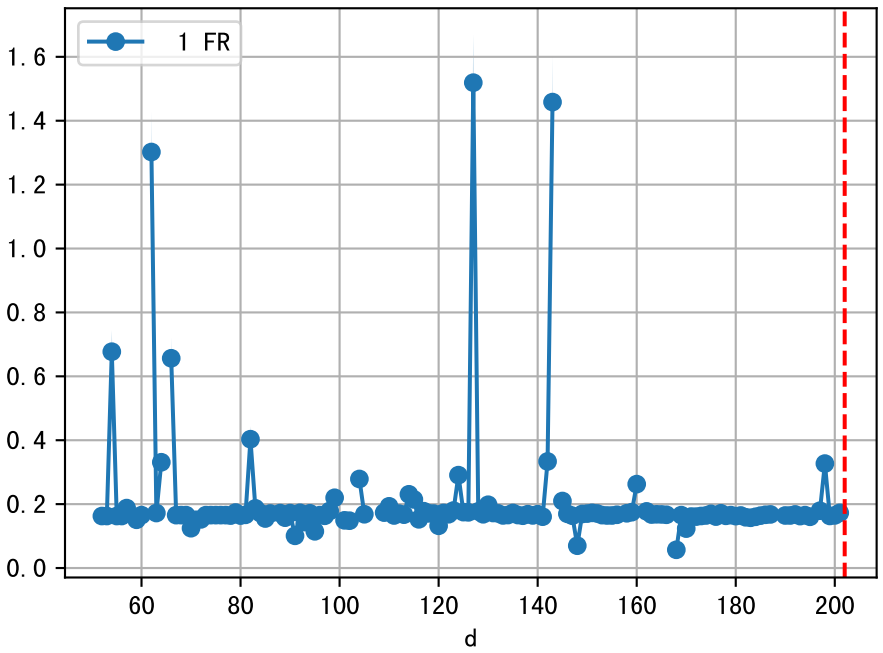

2 VN
d

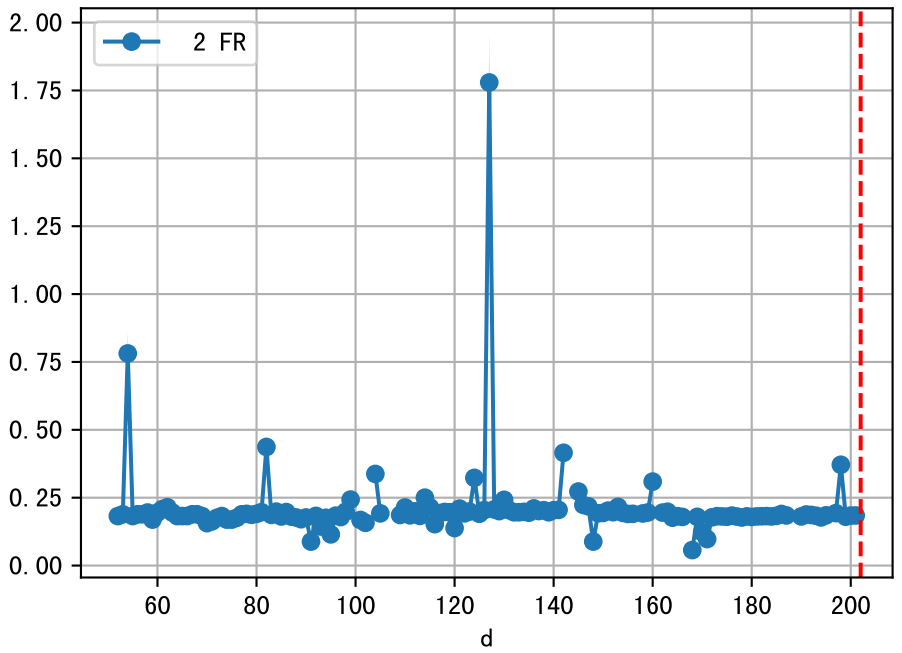

1 OIR
d

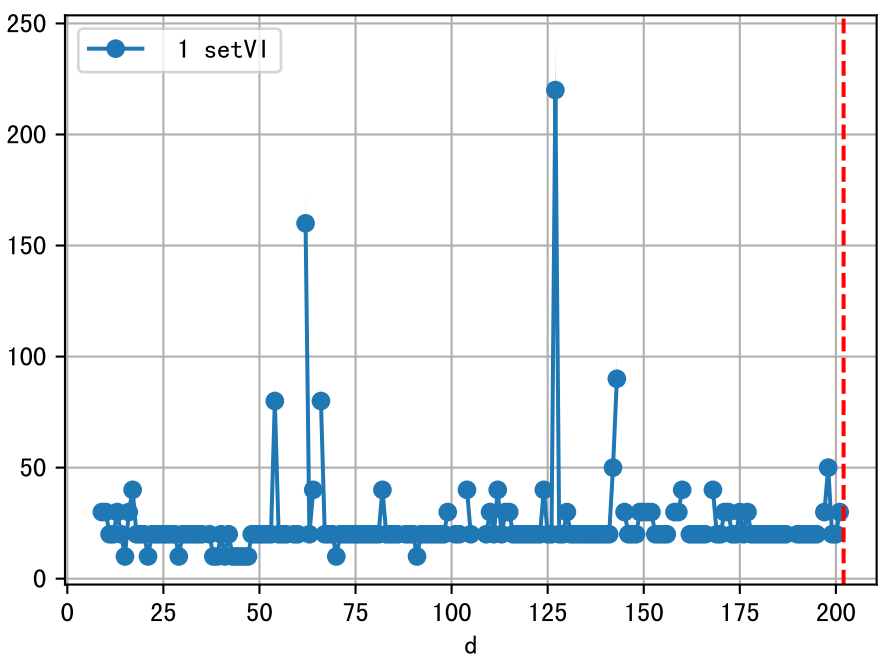

2 OIR
d

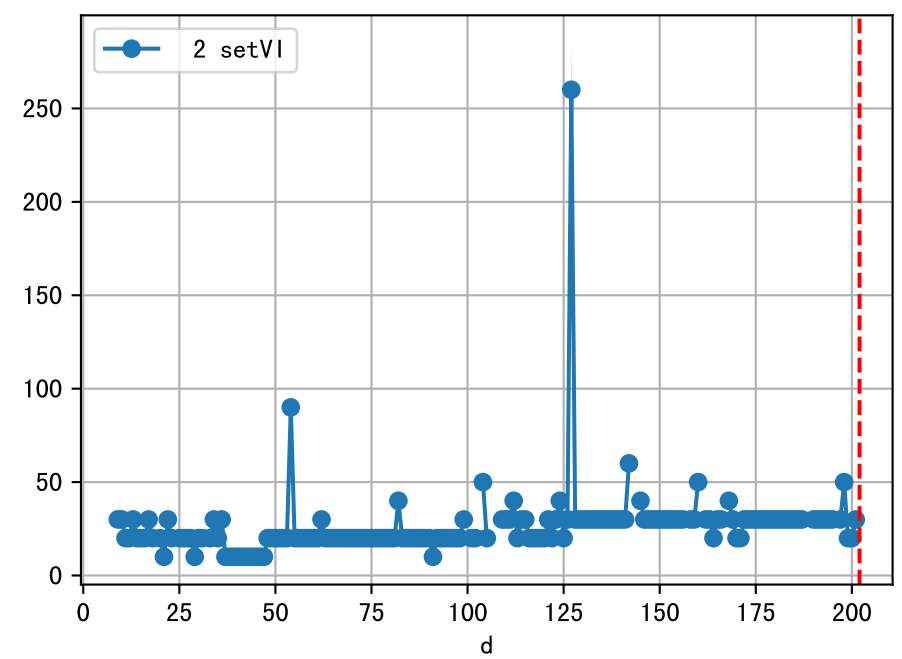

1 VI vs Du
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

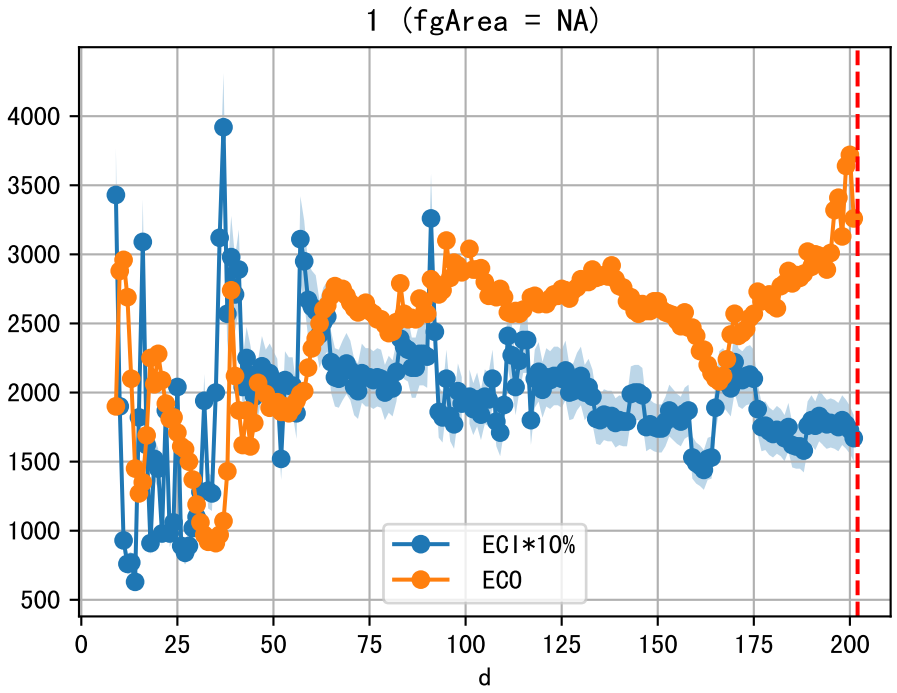

2 VI vs Du
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

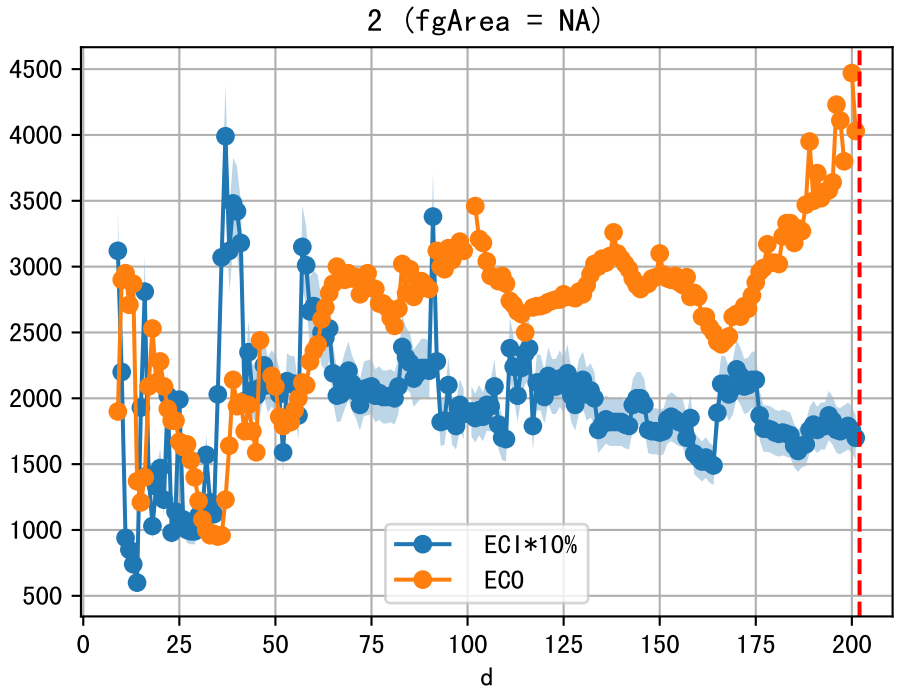

1 FR
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
60
80
100
120
140
160
180
200
d

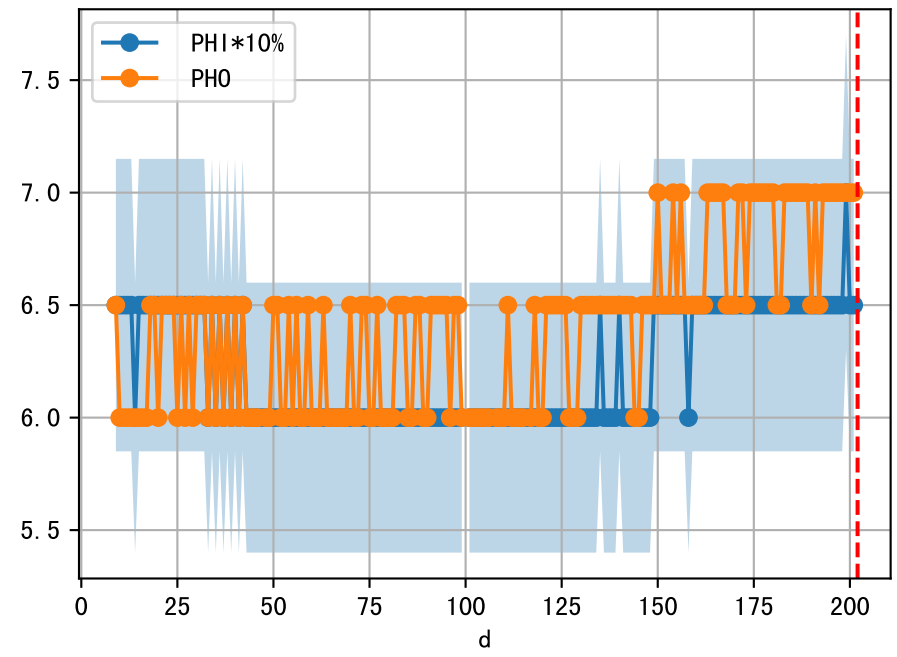

2 FR
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
60
80
100
120
140
160
180
200
d

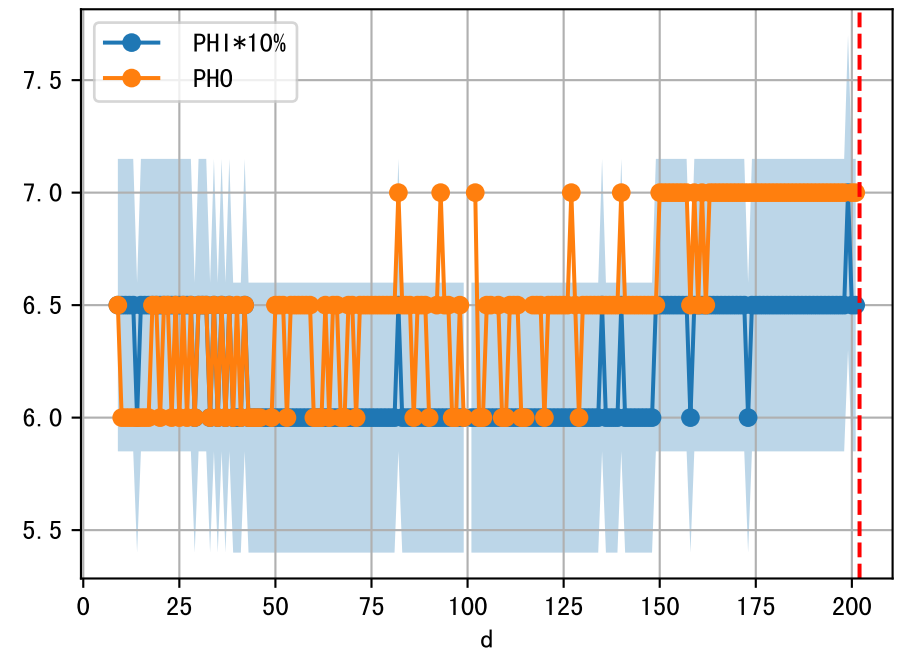

1 setVI
250
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

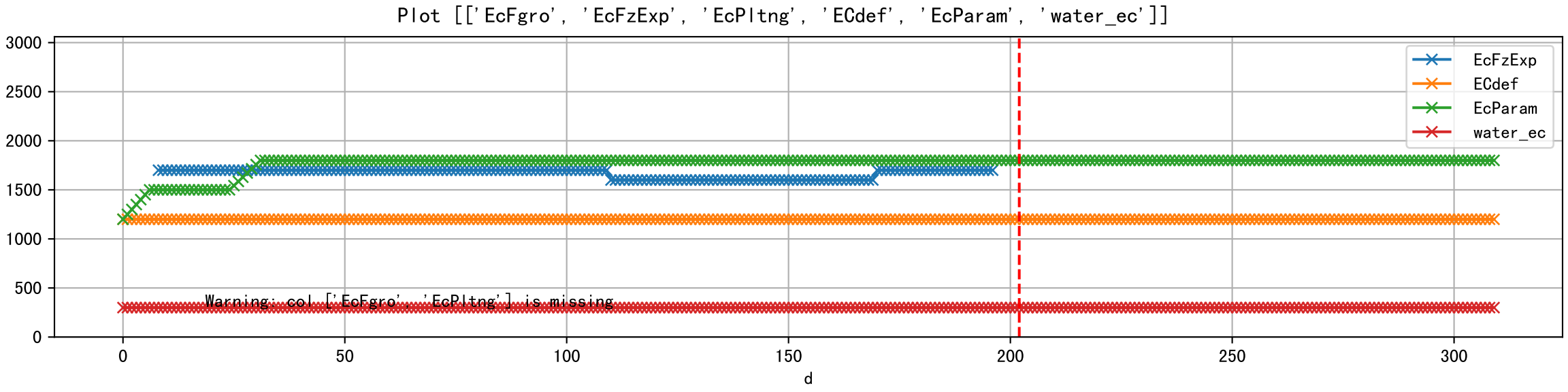

2 setVI
250
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

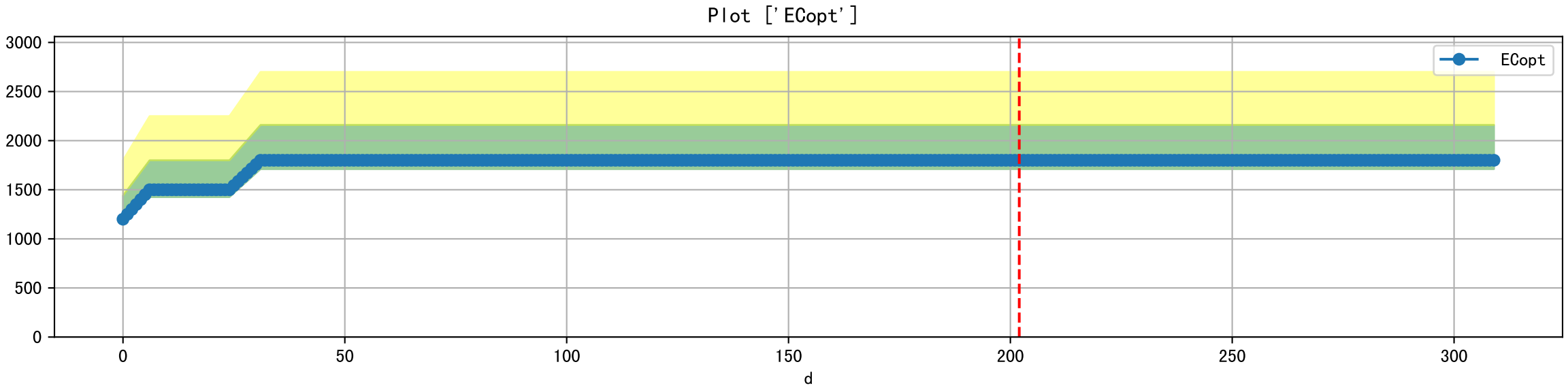

1 (fgArea = NA)
4000
3500
3000
2500
2000
1500
1000
500
ECI*10%
ECO
0
25
50
75
100
125
150
175
200
d

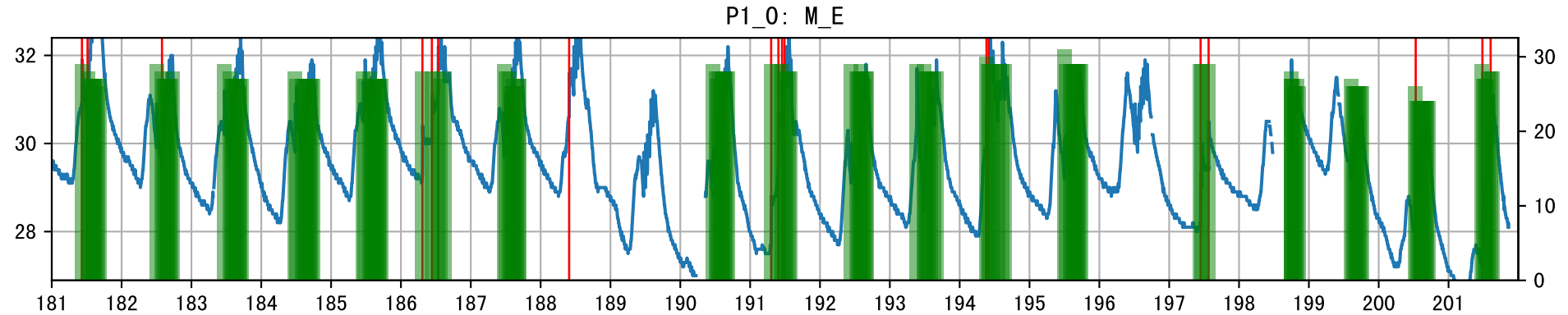

2 (fgArea = NA)
4500
4000
3500
3000
2500
2000
1500
1000
500
ECI*10%
ECO
0
25
50
75
100
125
150
175
200
d

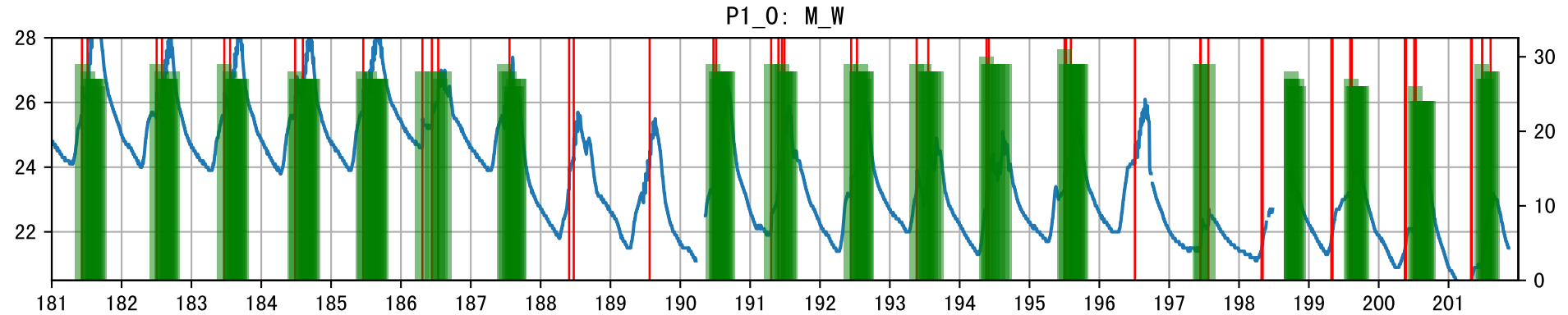

PHI*10%
PHO
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
200
d


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

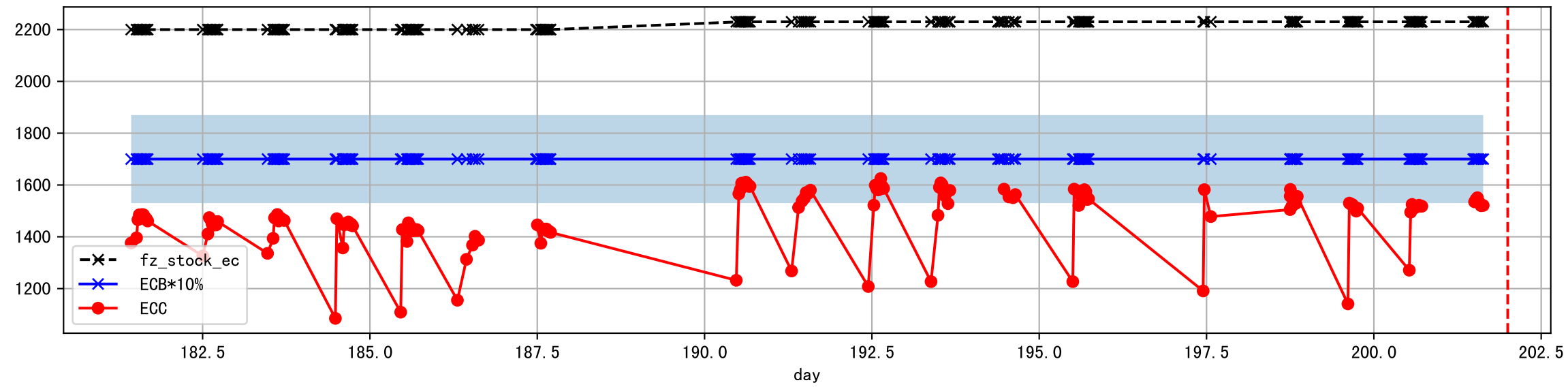

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

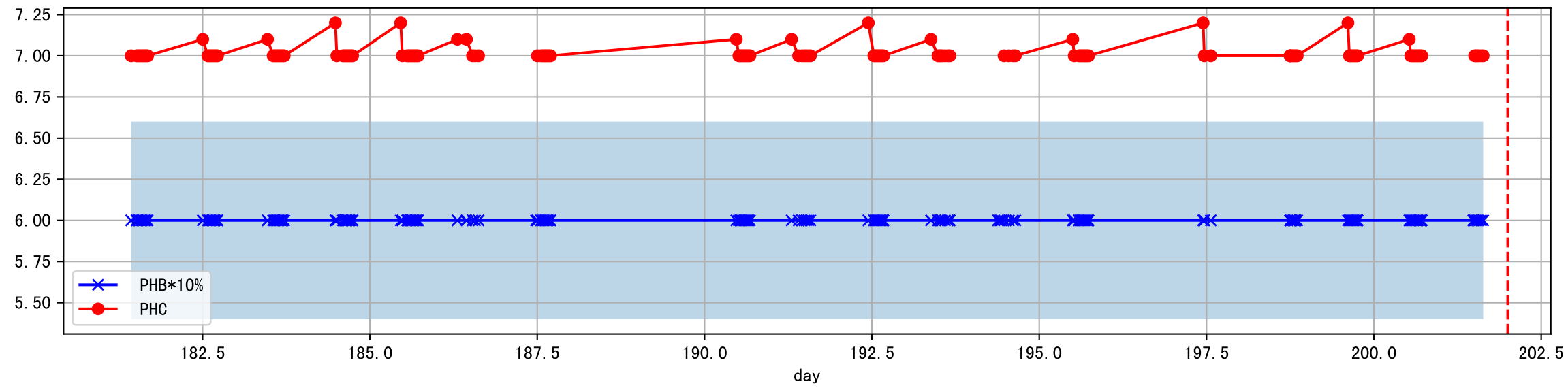

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

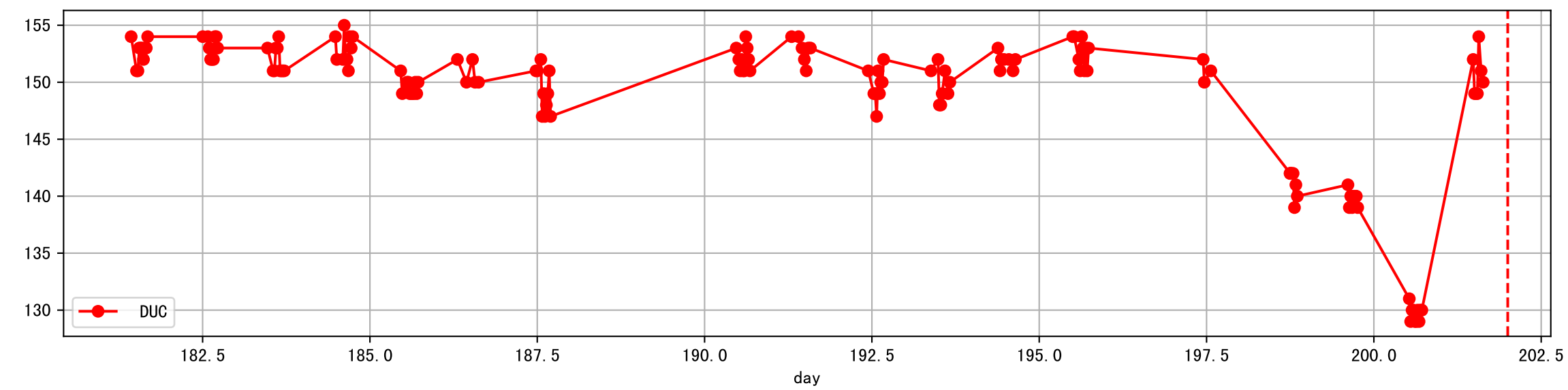

P1_0: M_E
32
30
28
30
20
10
0
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201

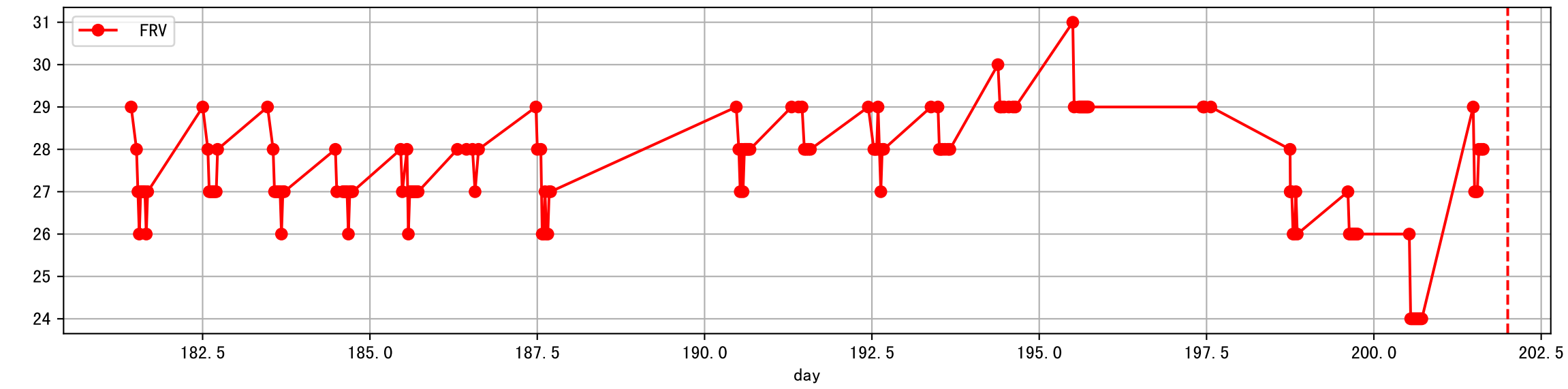

P1_O: M_W
28
26
24
22
30
20
10
0
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201

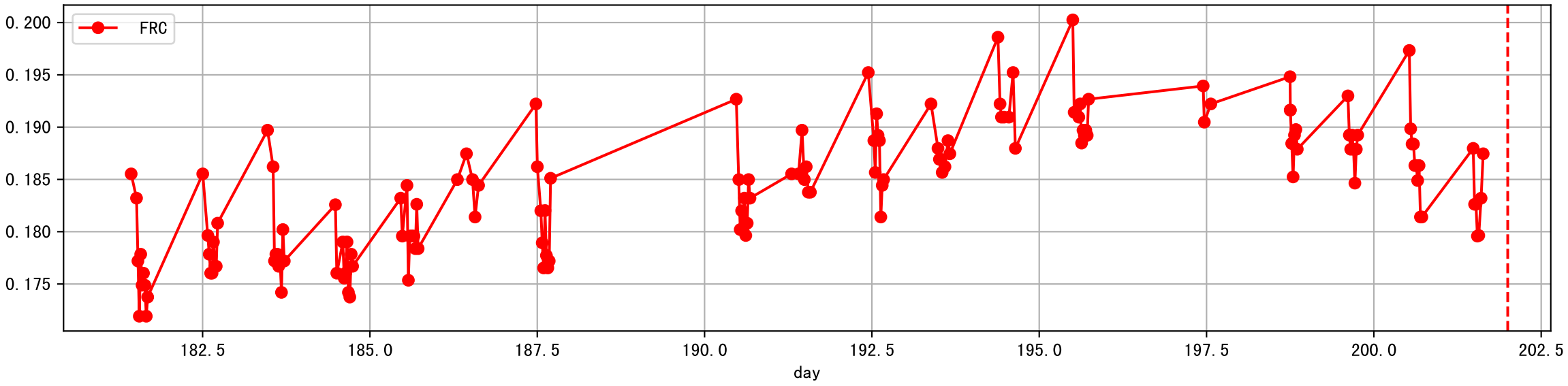
Plot Sensor and FgRec Detail

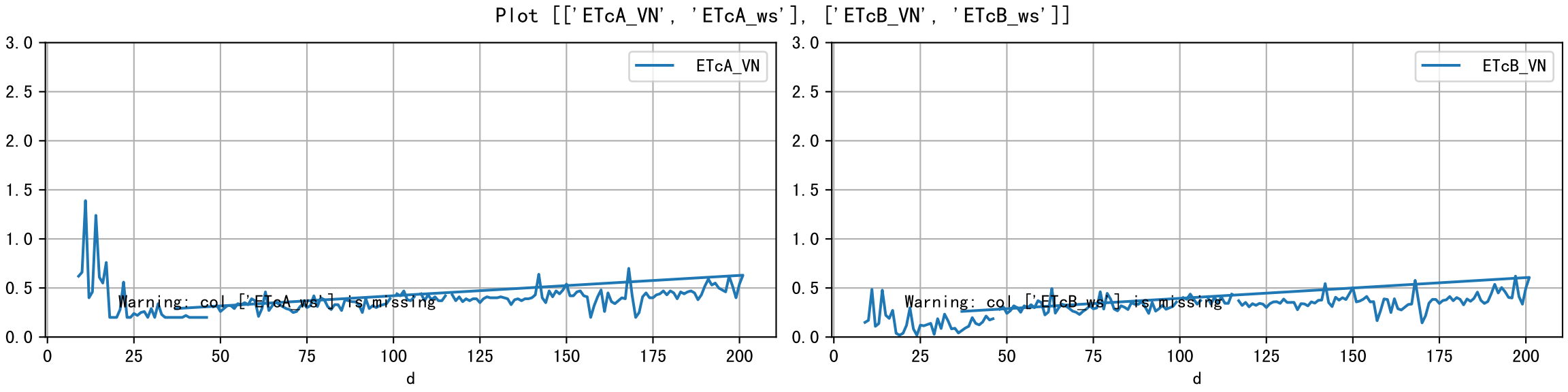


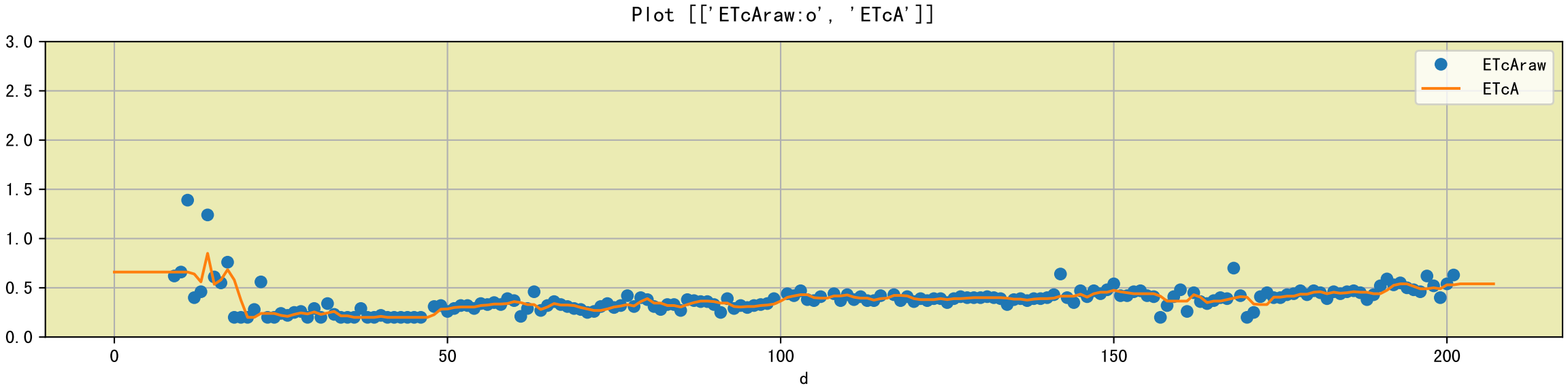


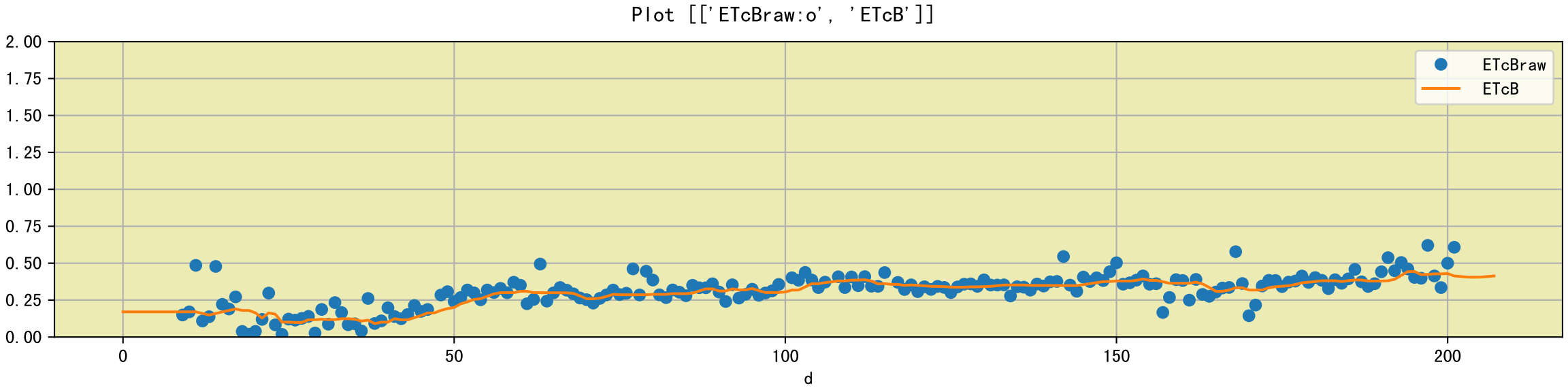




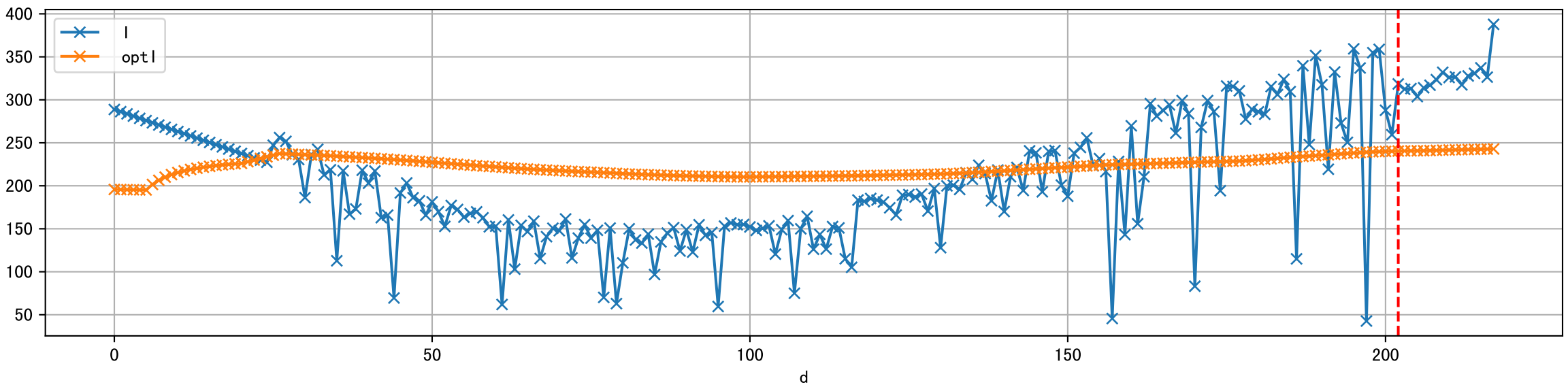


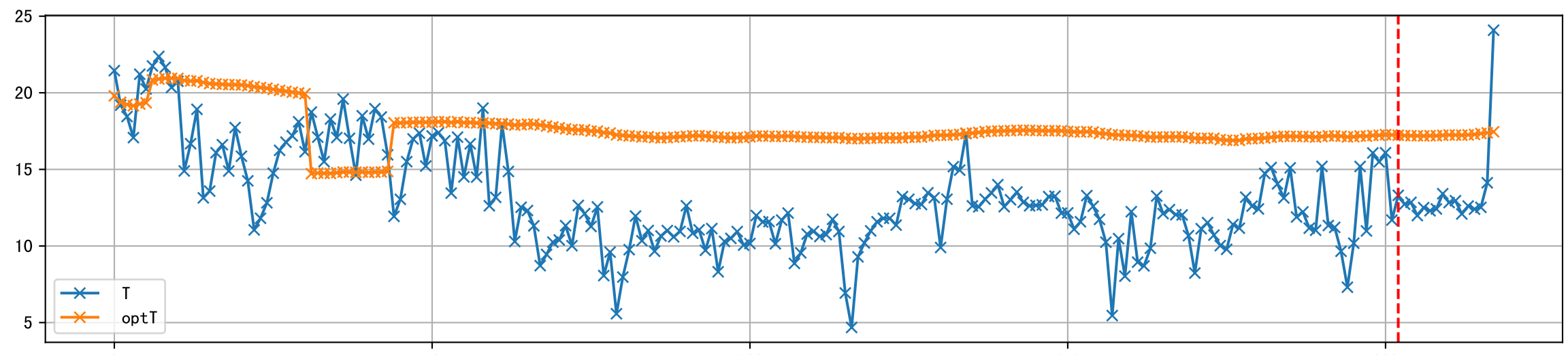

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

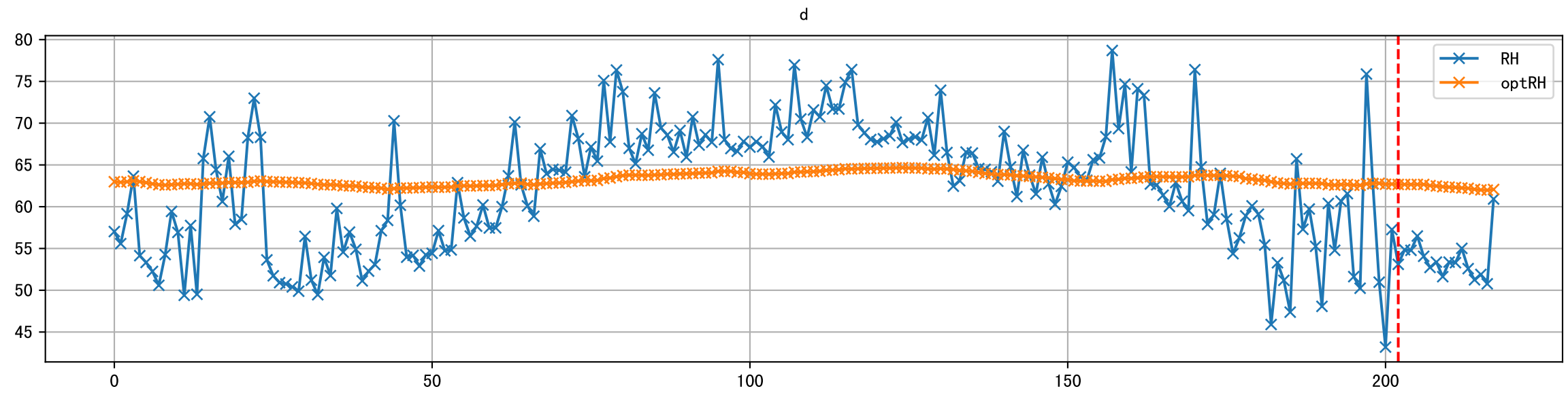

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
d
ETcAraw
ETcA

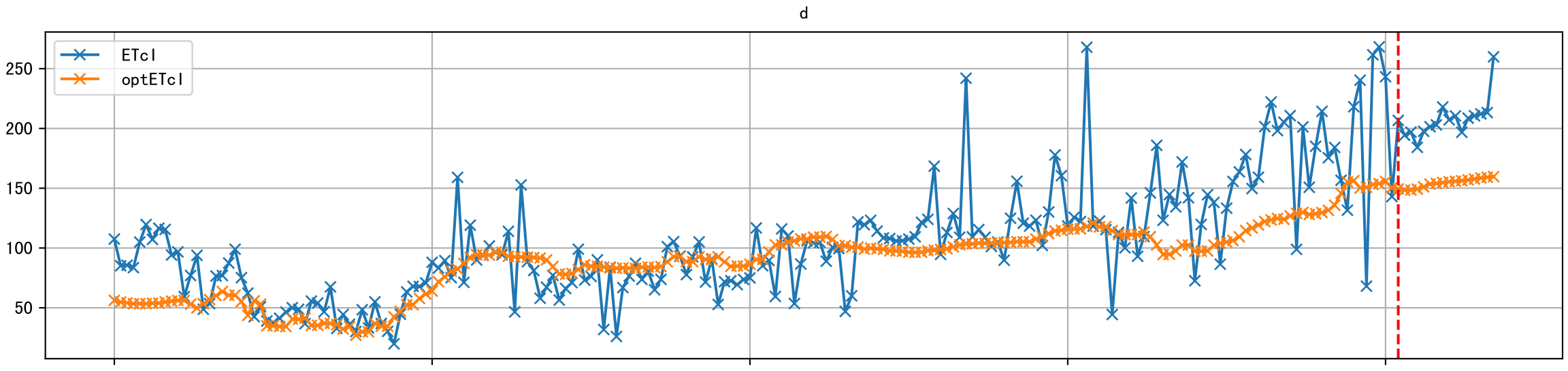

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
50
100
150
200
d
ETcBraw
ETcB

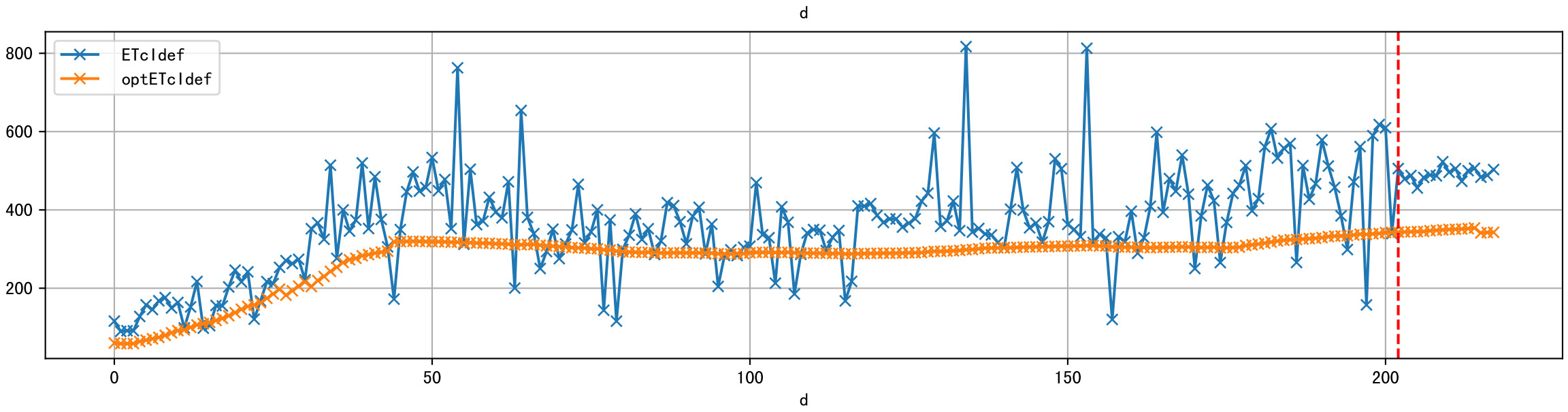
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

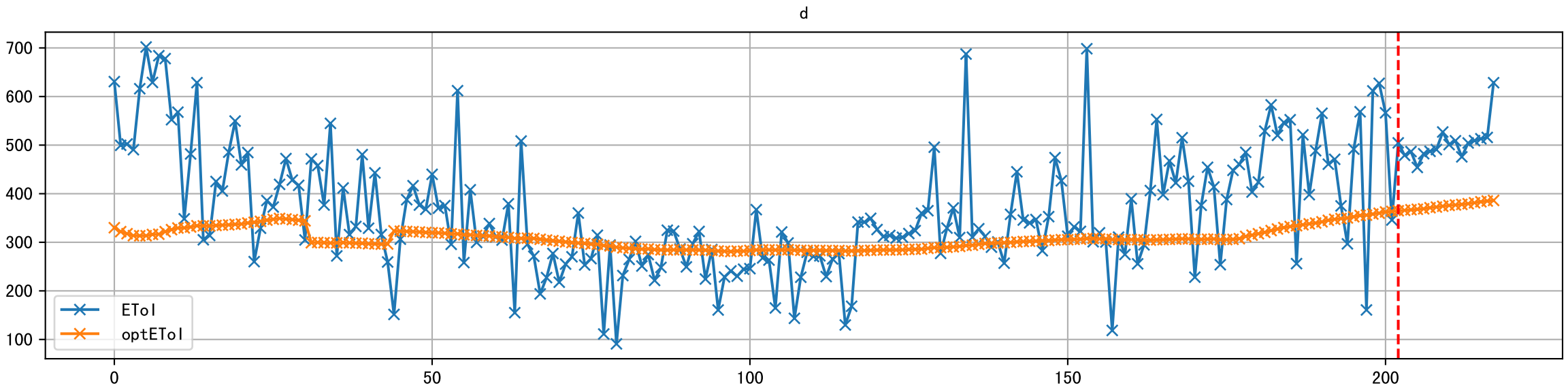


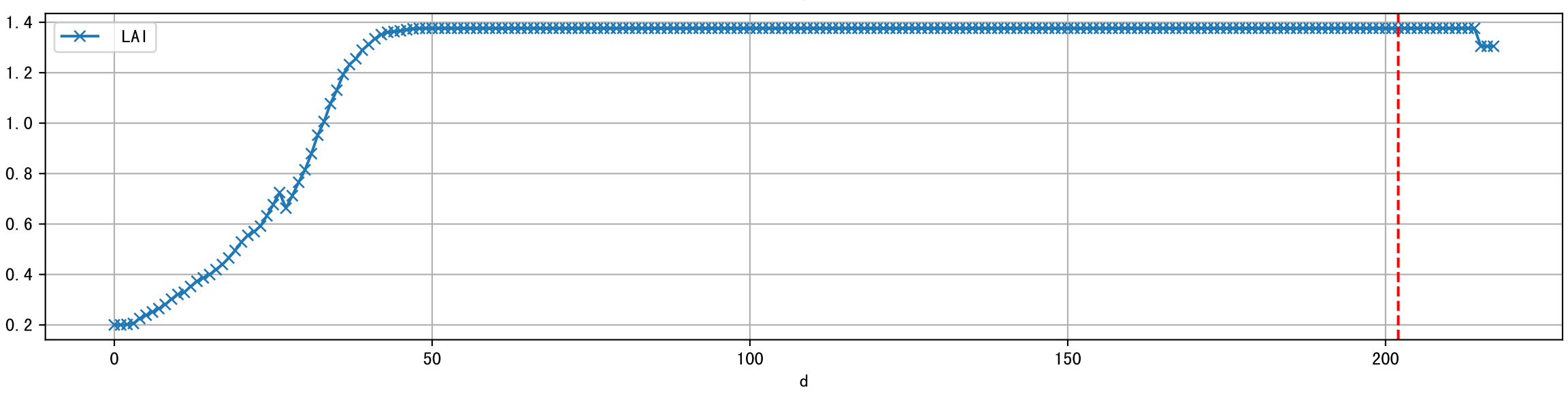


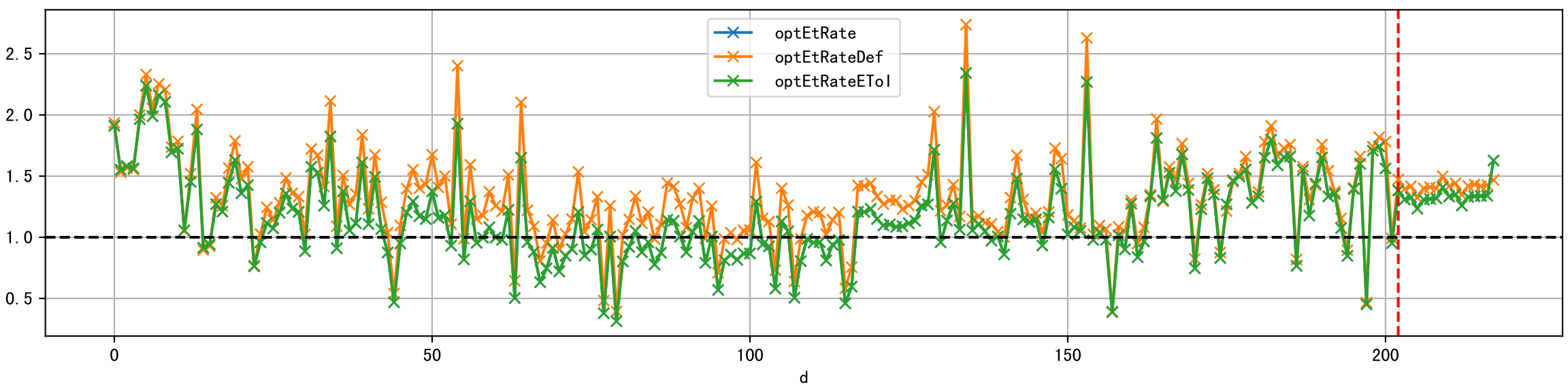


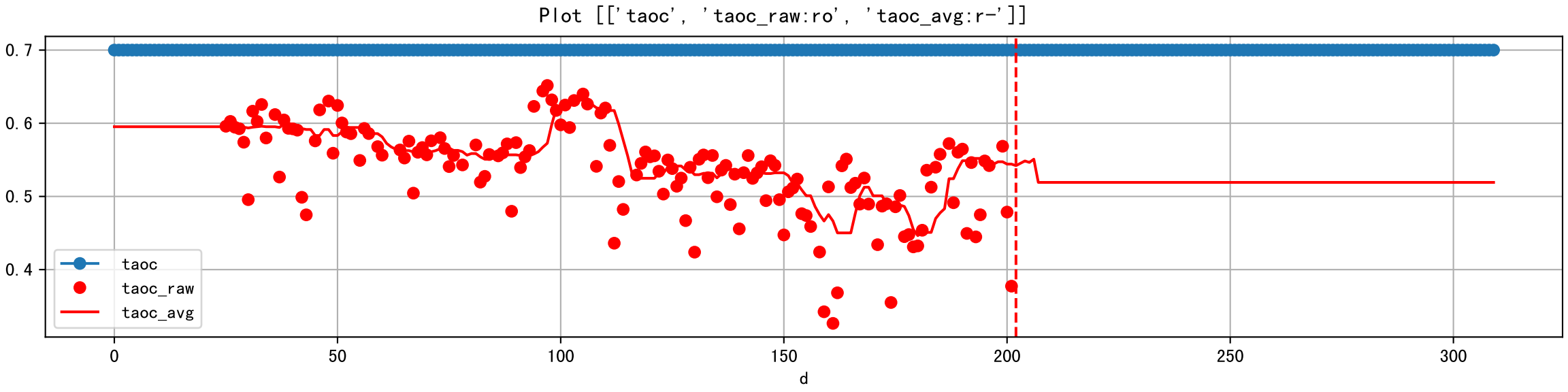


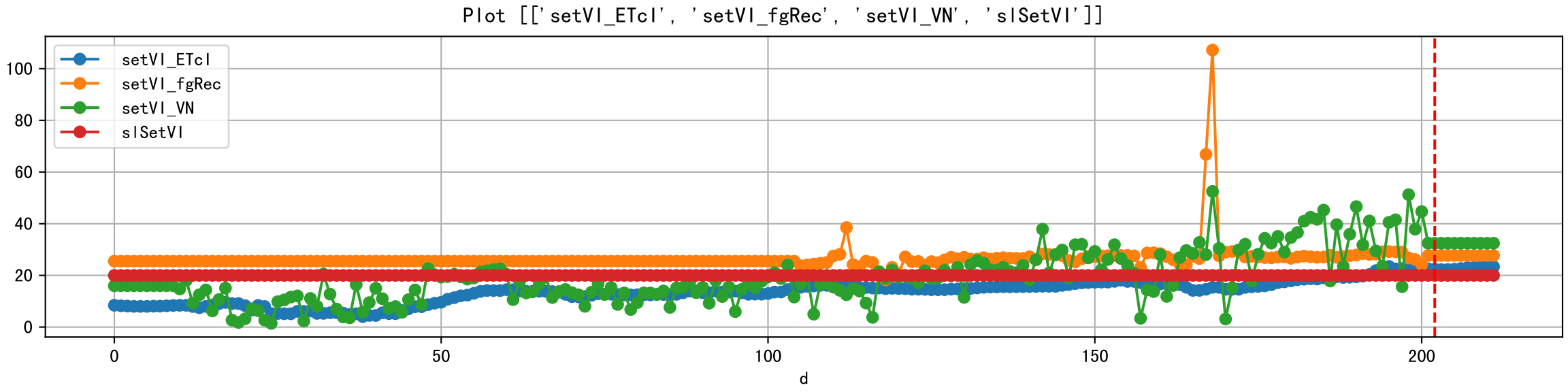


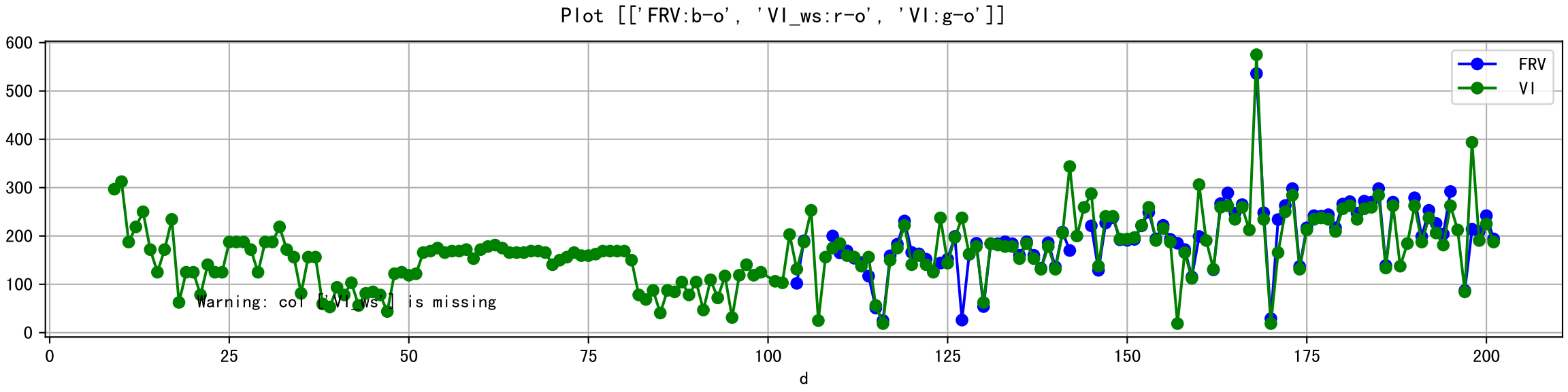


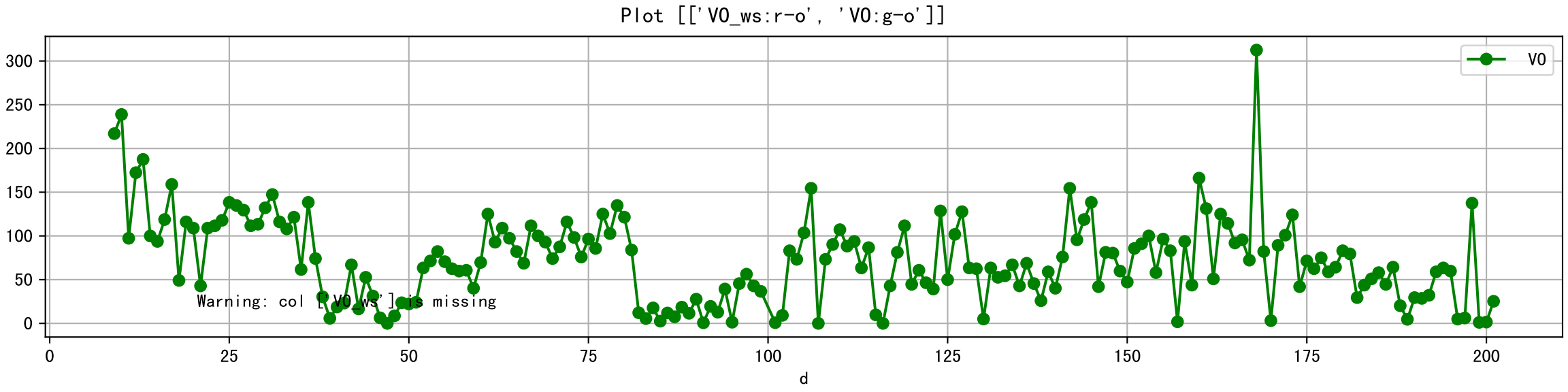


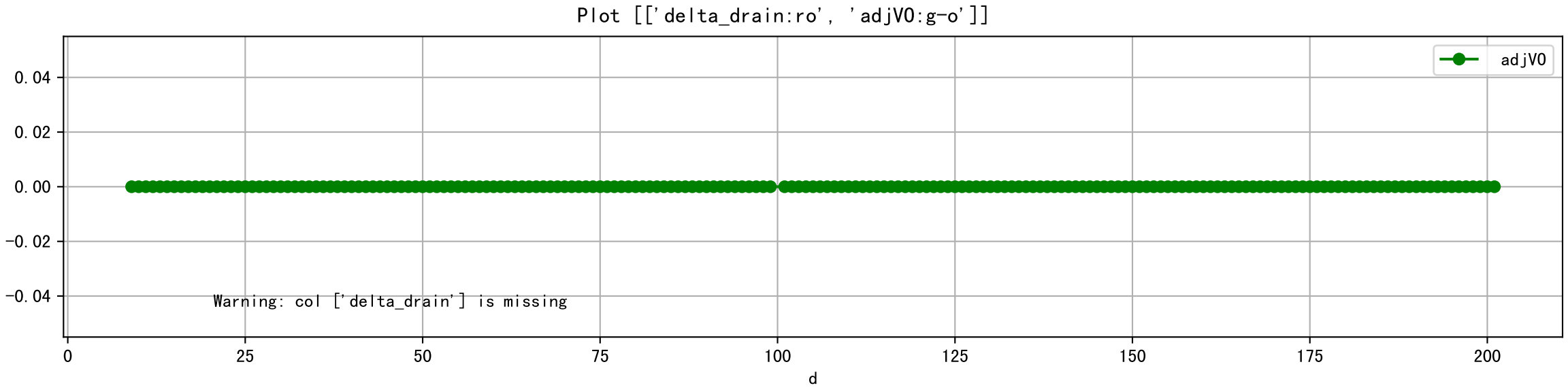


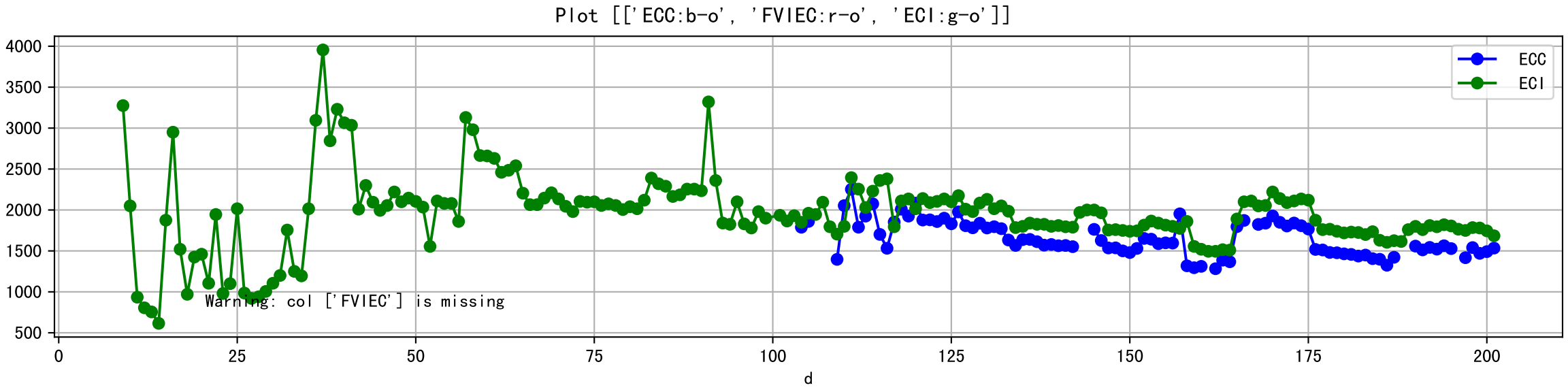

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

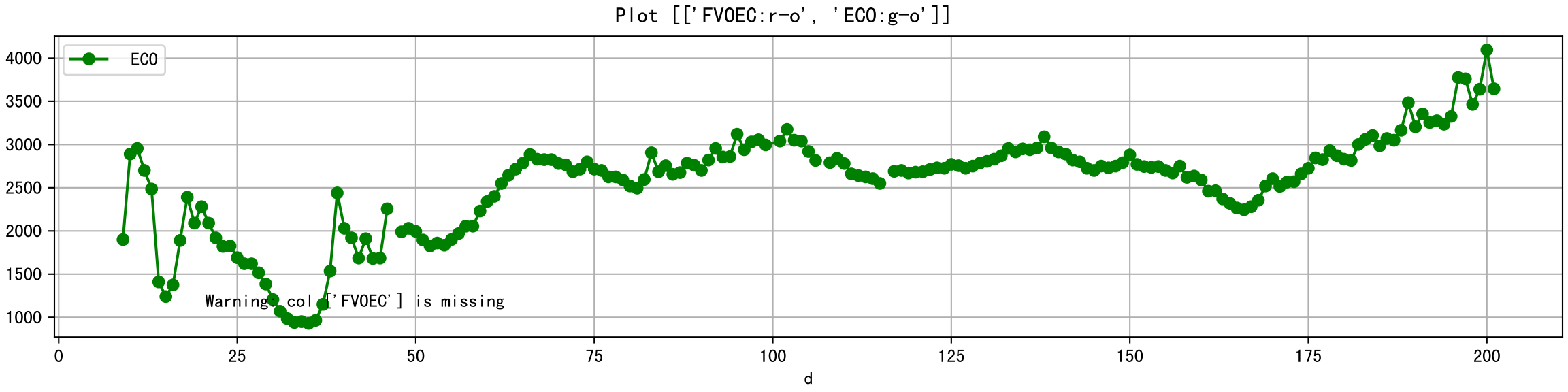

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
100
80
60
40
20
0
0
50
100
150
200
d

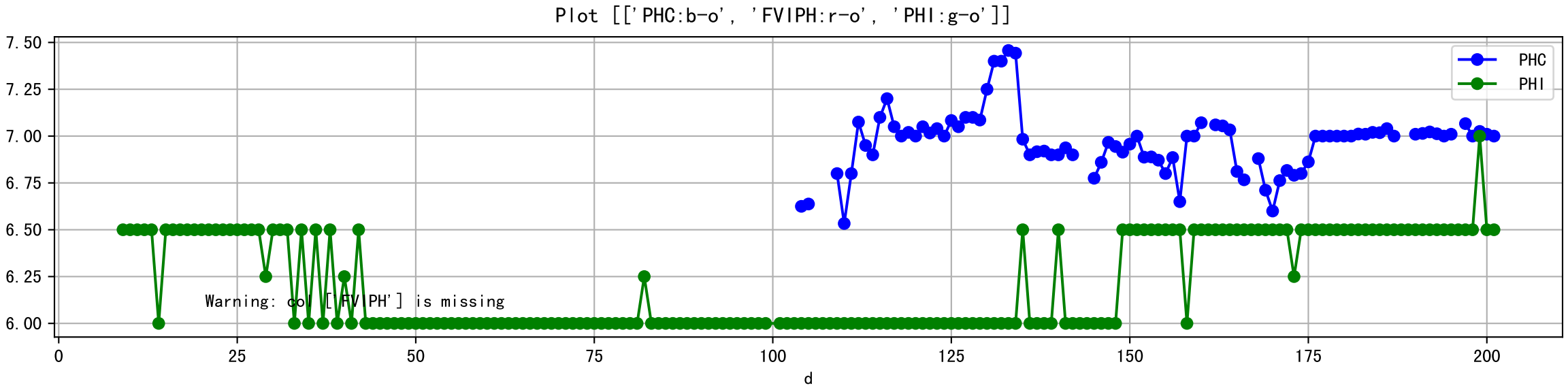

Plot [['FRV:b-o', 'VI_ws:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['VI_ws'] is missing
600
500
400
300
200
100
0
0
25
50
75
100
125
150
175
200
d

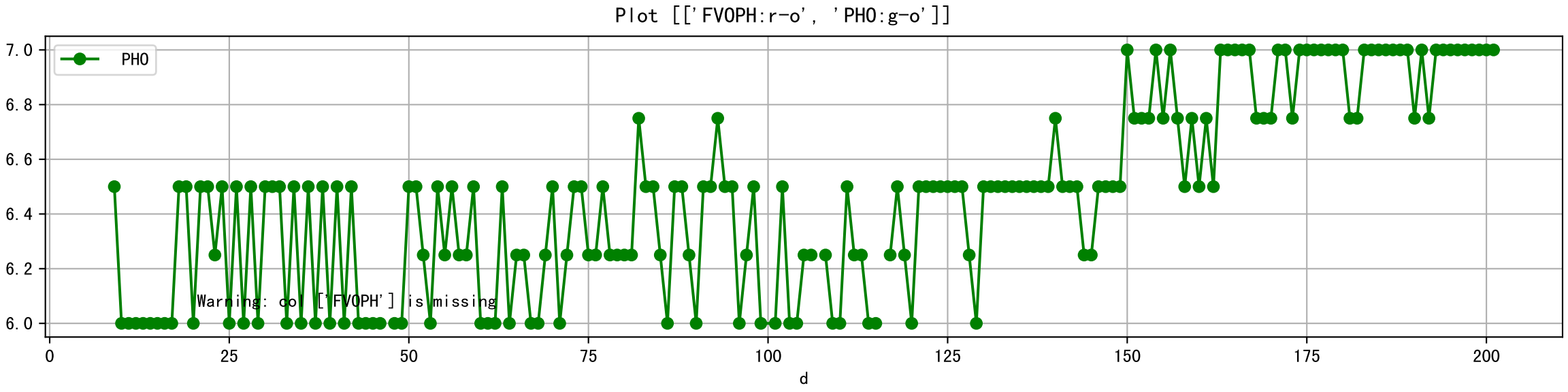

Plot [['V0_ws:r-o', 'V0:g-o']]
V0
Warning: col ['V0_ws'] is missing
300
250
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

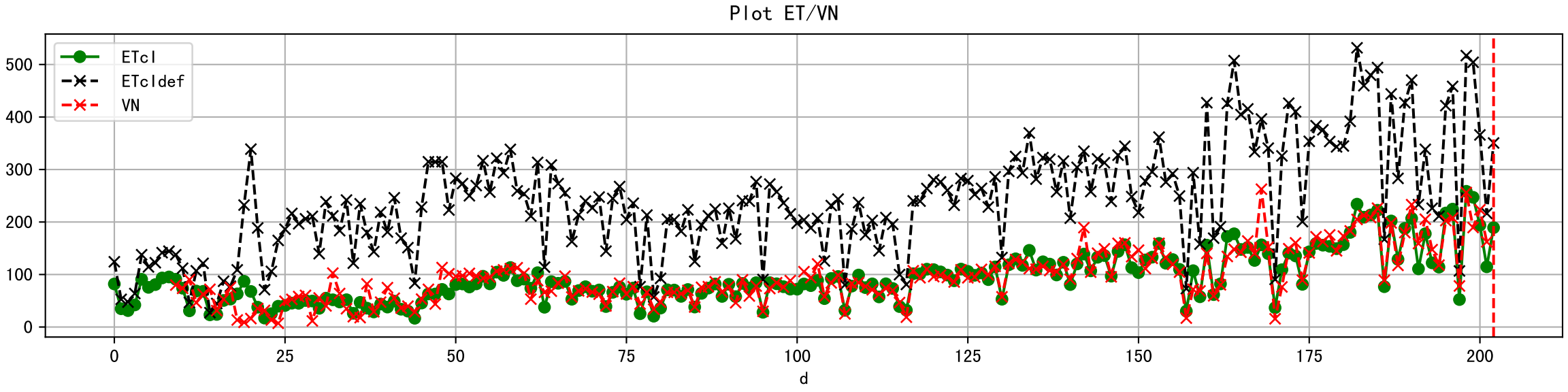

Plot [['delta_drain:ro', 'adjV0:g-o']]
adjV0
0.04
0.02
0.00
-0.02
-0.04
Warning: col ['delta_drain'] is missing
0
25
50
75
100
125
150
175
200
d

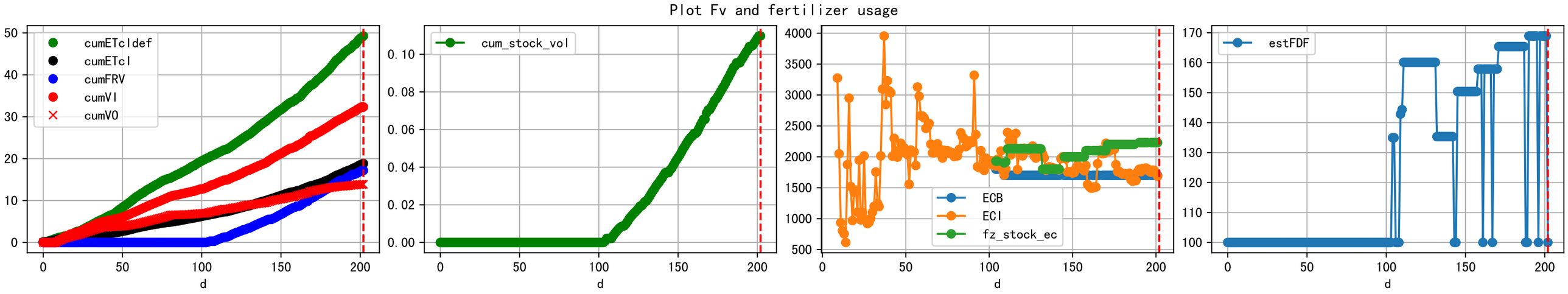

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
4000
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
200
d

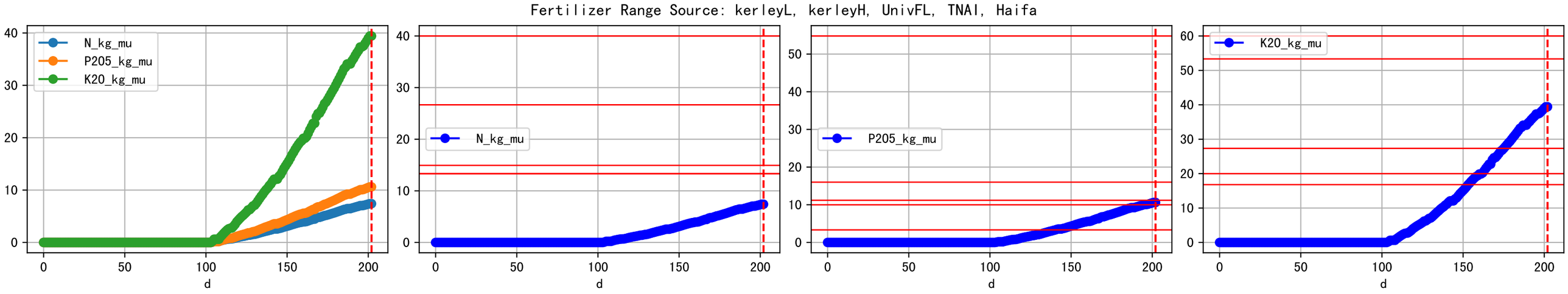

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col['FVOEC'] is missing
4000
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

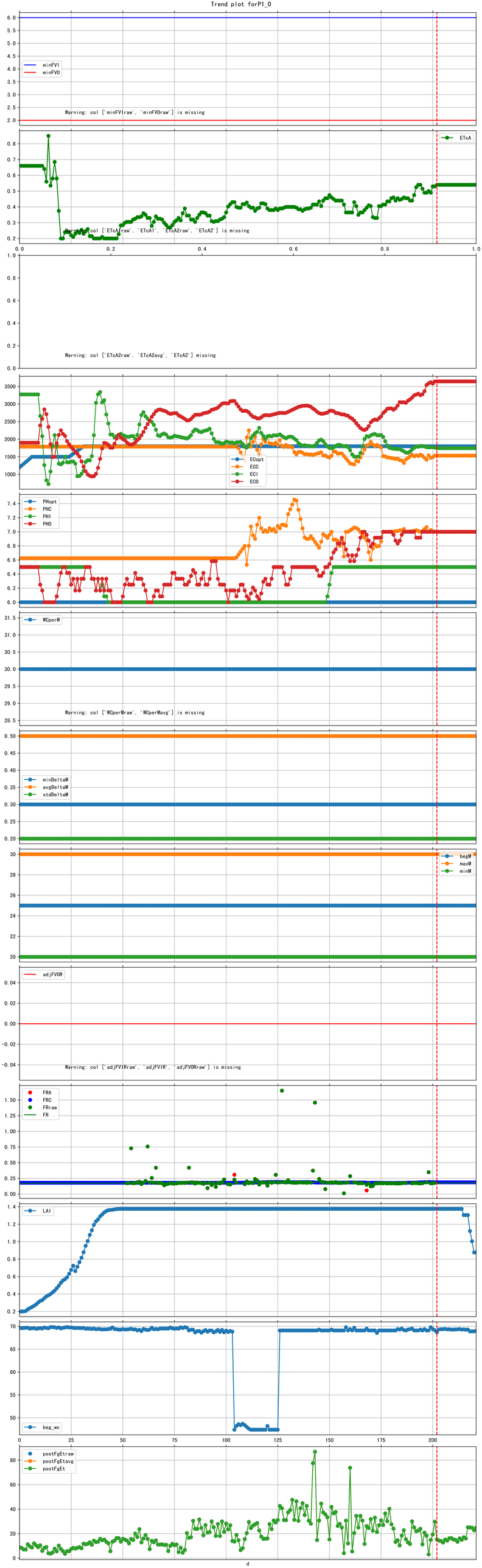

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

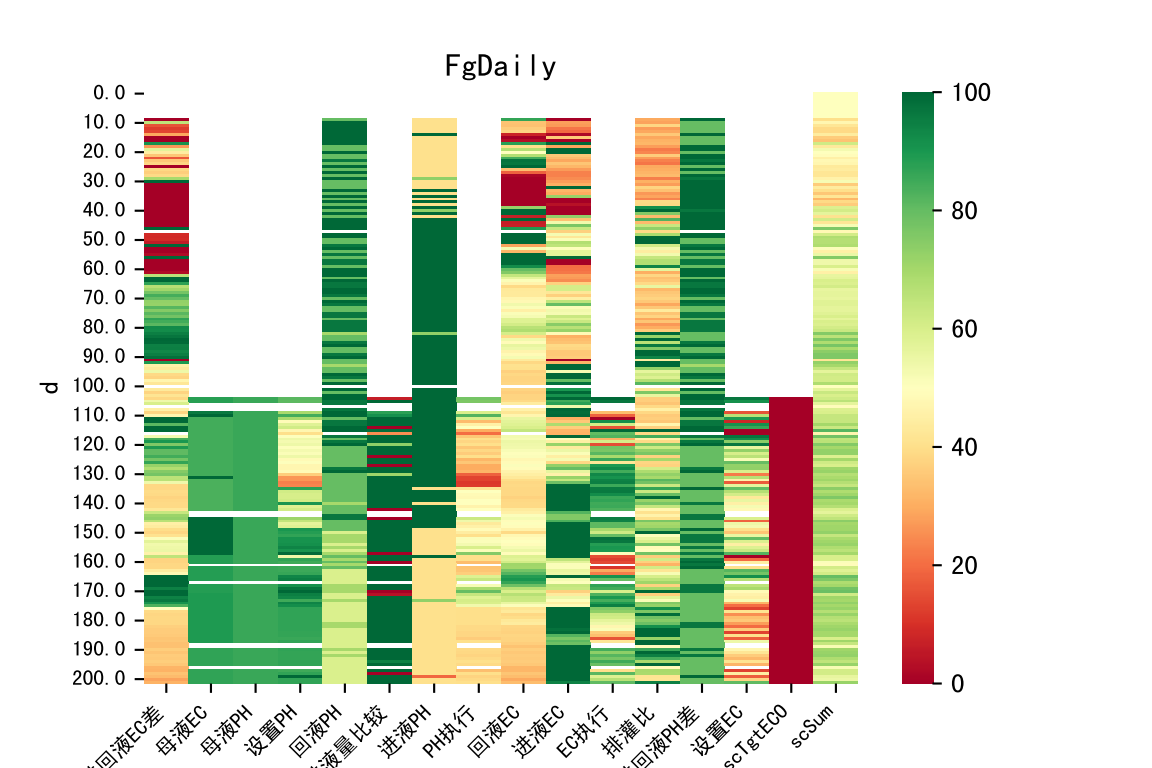

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
25
50
75
100
125
150
175
200
d


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

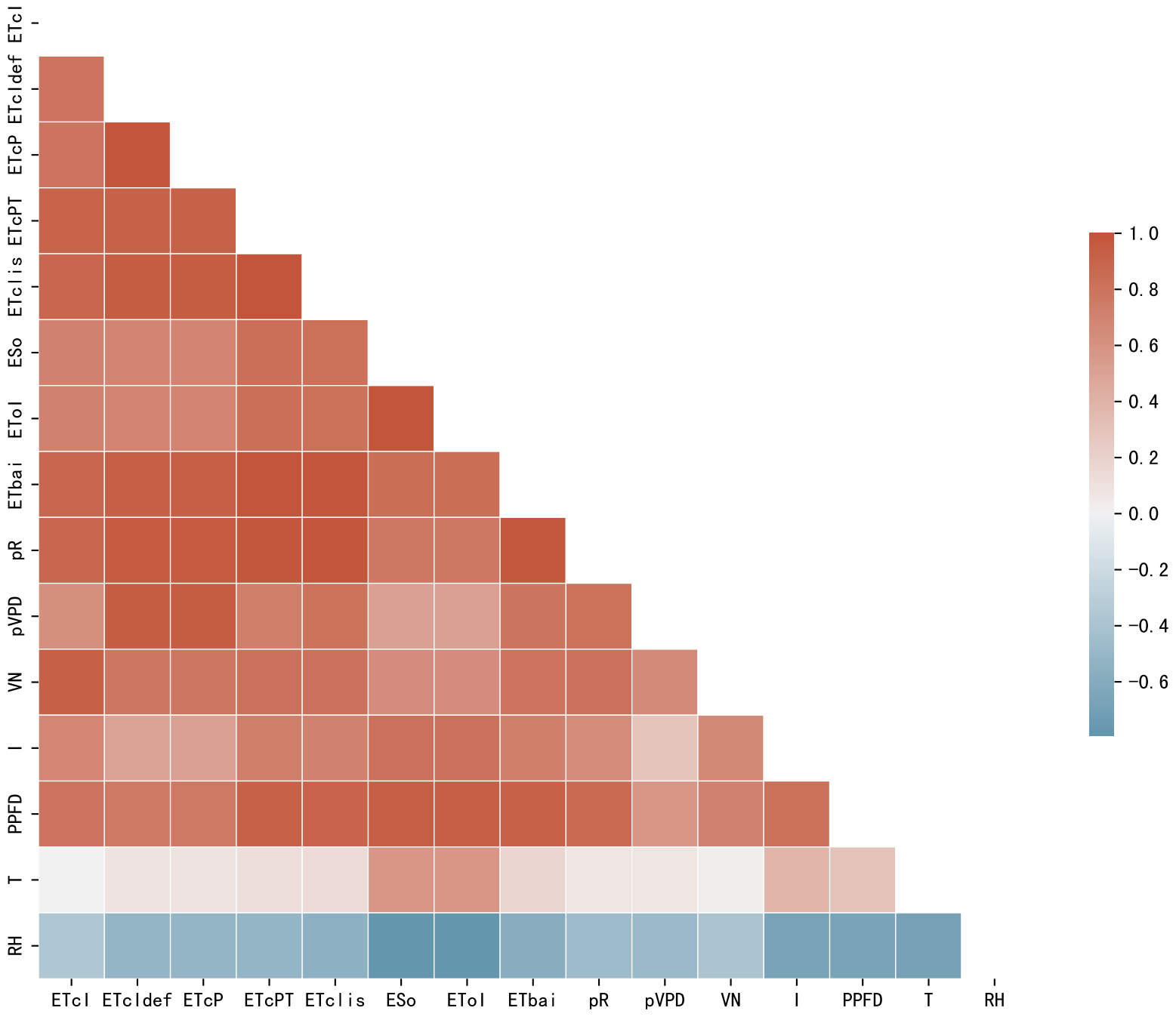

Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
cum_stock_vol
ECB
ECI
fz_stock_ec
estFDF
d
d
d
d

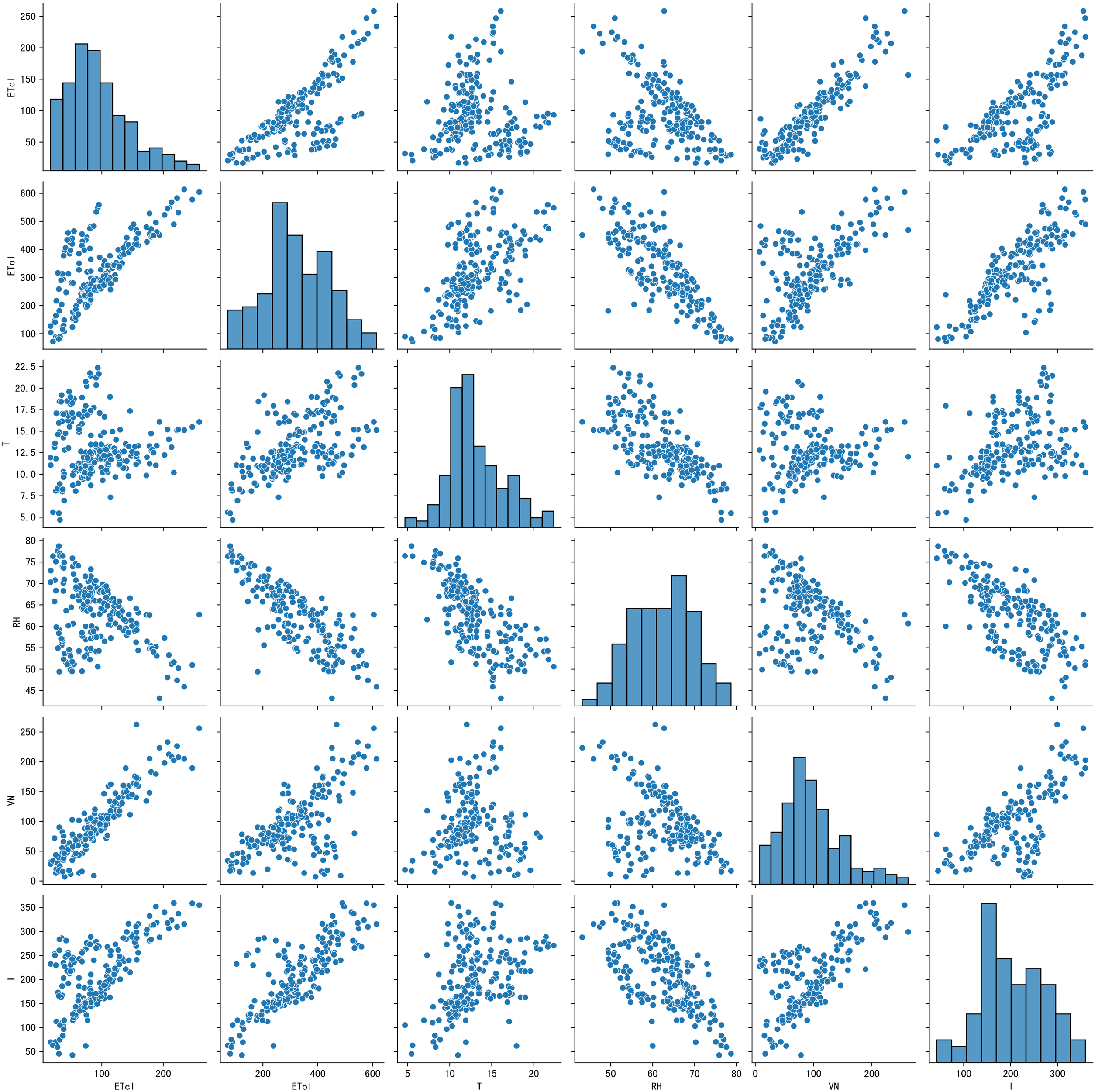

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

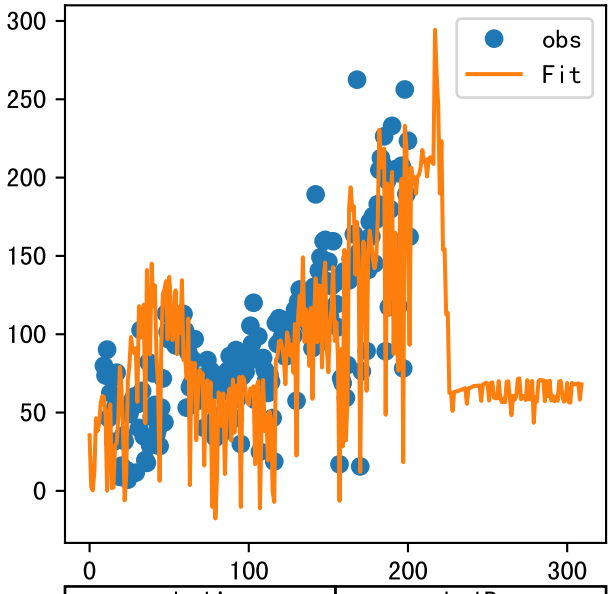

Trend plot forP1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

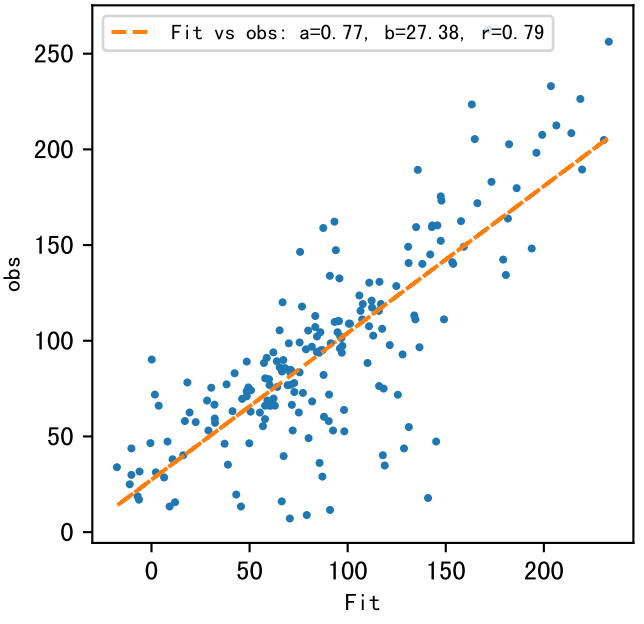

FgDaily
d
0.0
10.0
20.0
30.0
40.0
50.0
60.0
70.0
80.0
90.0
100.0
110.0
120.0
130.0
140.0
150.0
160.0
170.0
180.0
190.0
200.0
100
80
60
40
20
0
回液EC差
母液EC
母液PH
设置PH
回液PH
液量比较
进液PH
PH执行
回液EC
进液EC
EC执行
排灌比
回液PH差
设置EC
scTgtEC0
scSum

P1_0

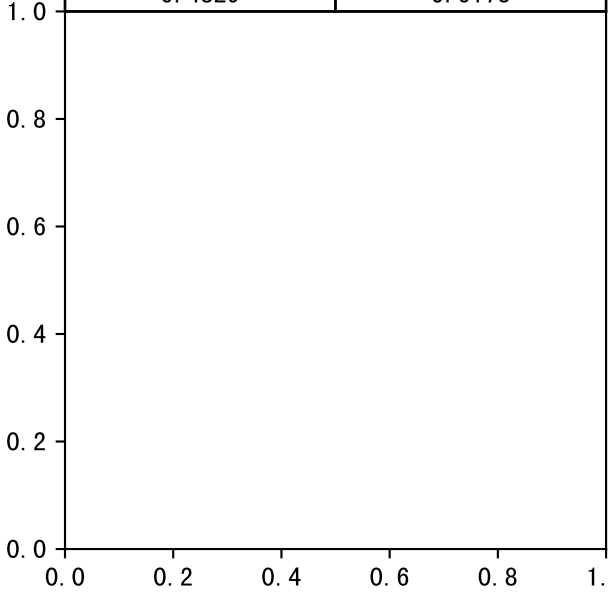

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

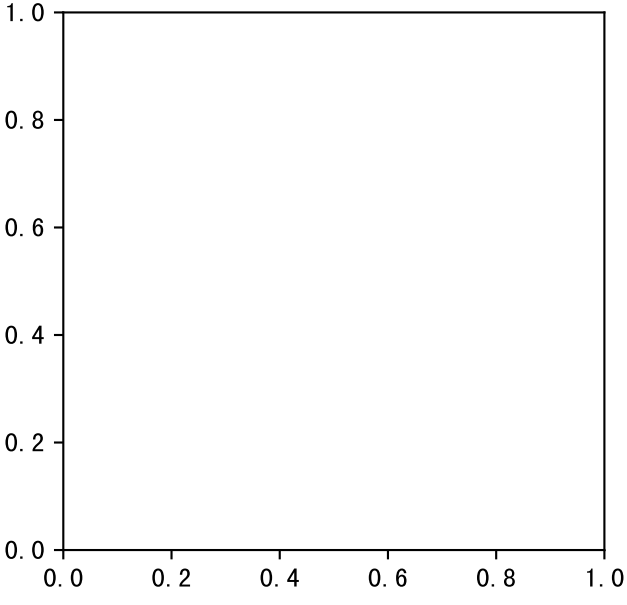

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

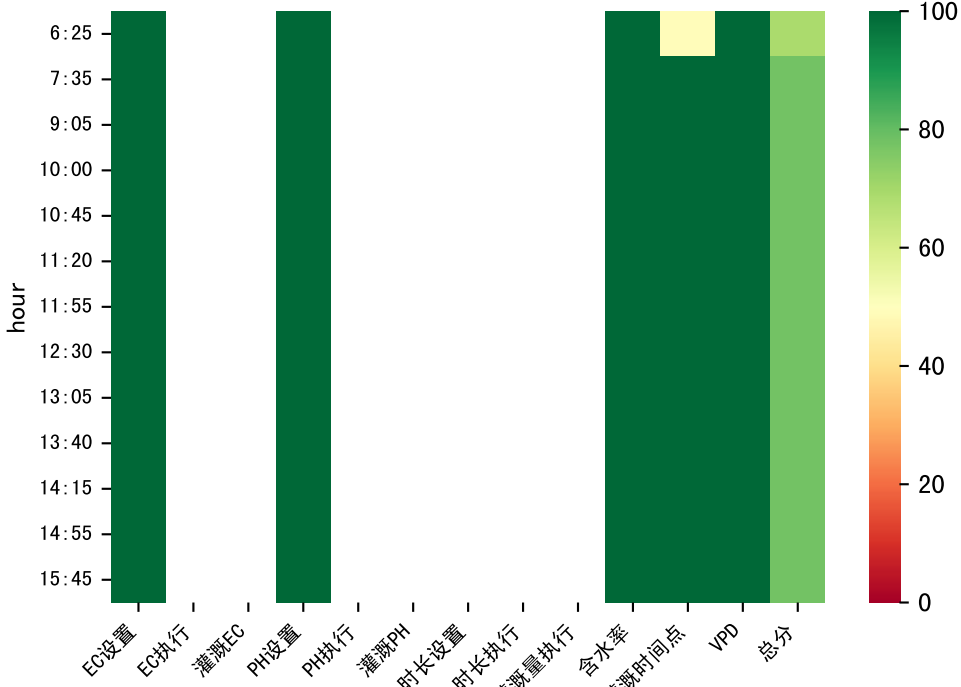




baiA	baiB
0.4829	0.0173

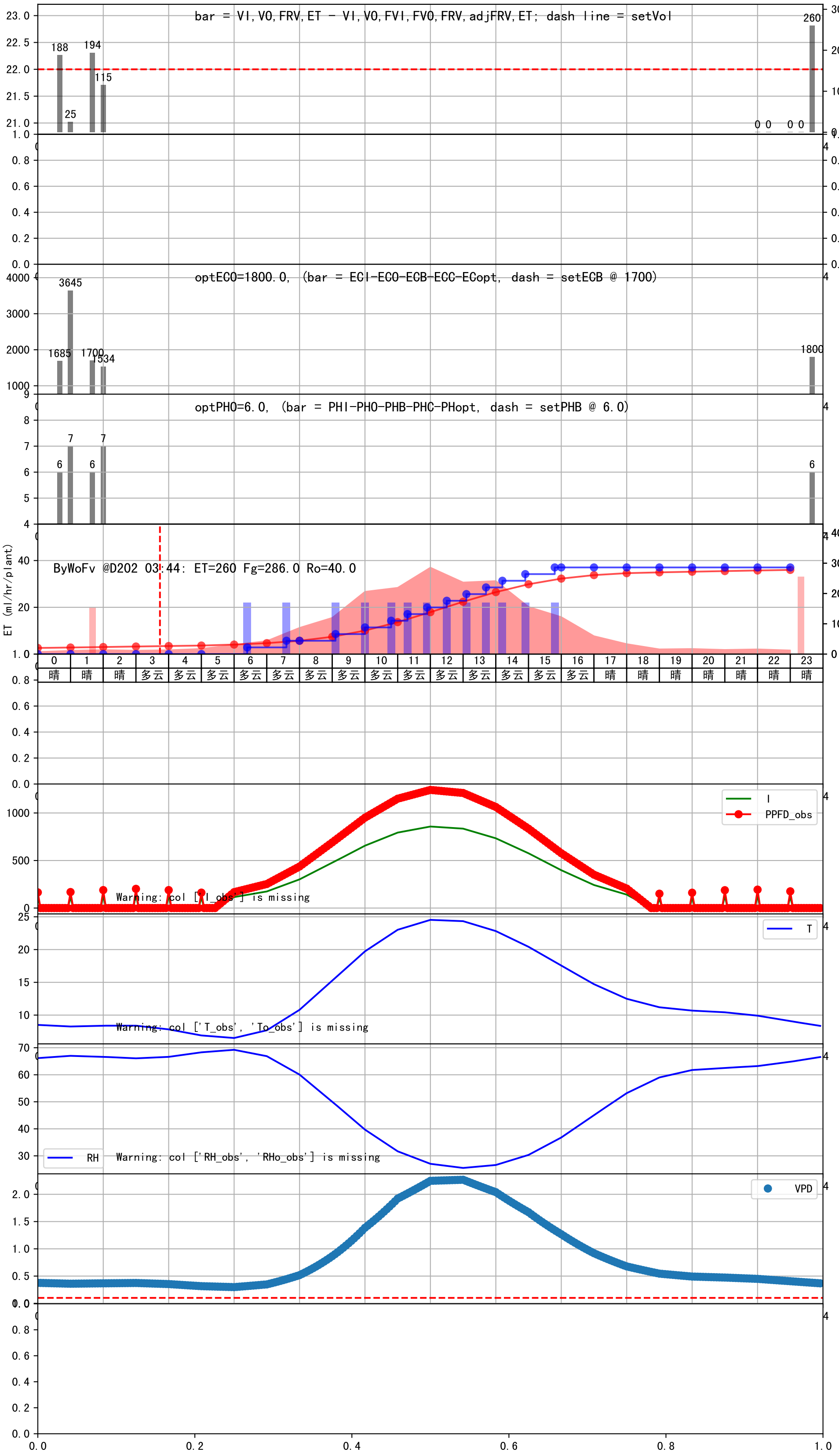


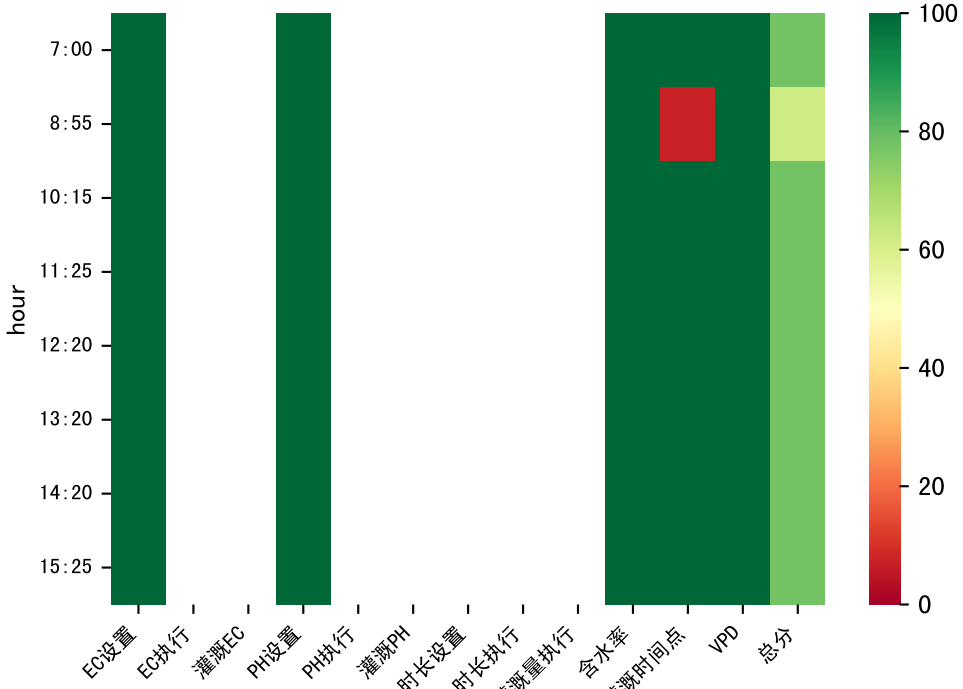



hour
6:25
7:35
9:05
10:00
10:45
11:20
11:55
12:30
13:05
13:40
14:15
14:55
15:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
06:25	129	22.0	0.485	多云	预期@06:25 自主（未用传感器）
07:35	129	22.0	0.485	多云	预期@07:35 自主（未用传感器）
09:05	129	22.0	0.485	多云	预期@09:05 自主（未用传感器）
10:00	129	22.0	0.485	多云	预期@10:00 自主（未用传感器）
10:45	129	22.0	0.485	多云	预期@10:45 自主（未用传感器）
11:20	129	22.0	0.485	多云	预期@11:20 自主（未用传感器）
11:55	129	22.0	0.485	多云	预期@11:55 自主（未用传感器）
12:30	129	22.0	0.485	多云	预期@12:30 自主（未用传感器）
13:05	129	22.0	0.485	多云	预期@13:05 自主（未用传感器）
13:40	129	22.0	0.485	多云	预期@13:40 自主（未用传感器）
14:15	129	22.0	0.485	多云	预期@14:15 自主（未用传感器）
14:55	129	22.0	0.485	多云	预期@14:55 自主（未用传感器）
15:45	129	22.0	0.485	多云	预期@15:45 自主（未用传感器）
总计	1677.0 (13次)	286.0			建议进液EC：1700， PH：6.0

P1_0, Day=202 (2026-04-14)

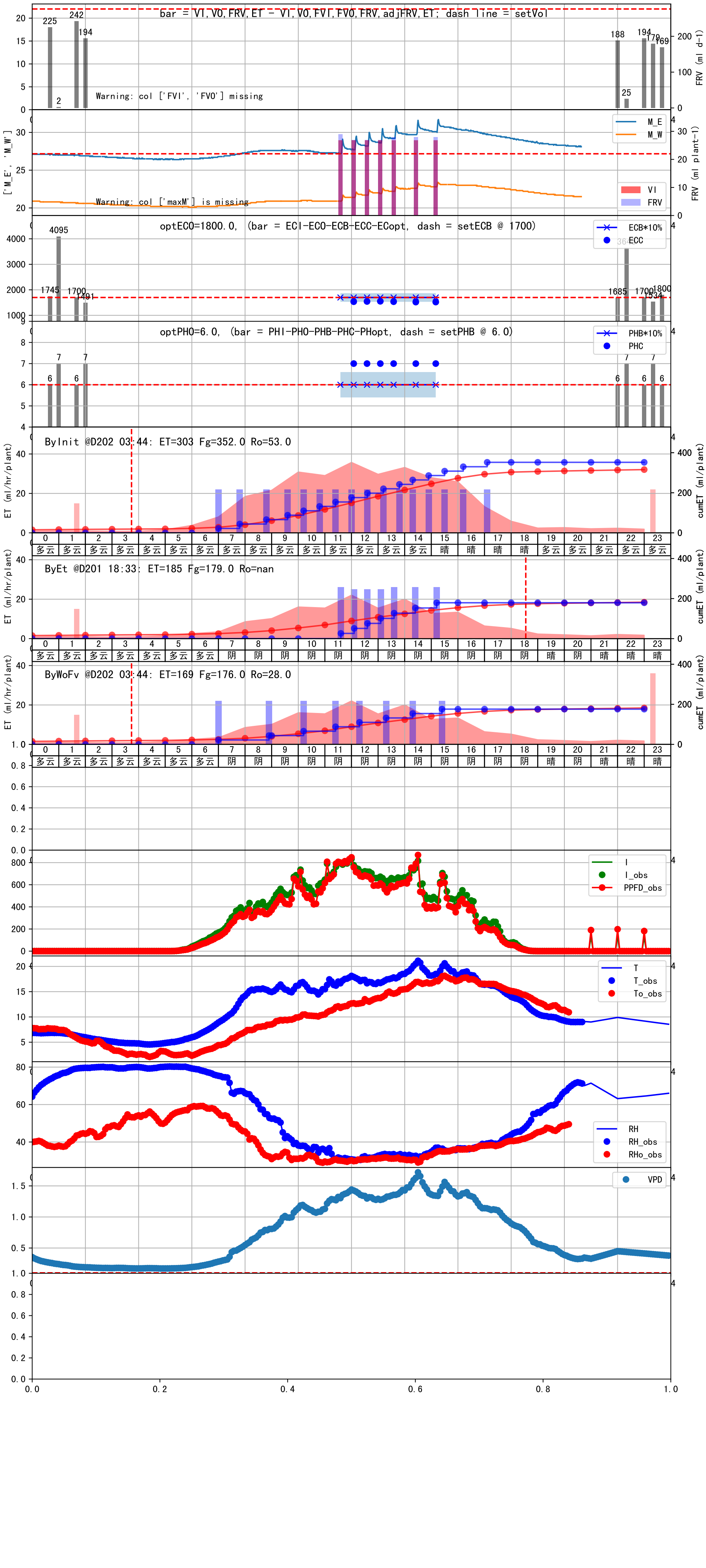


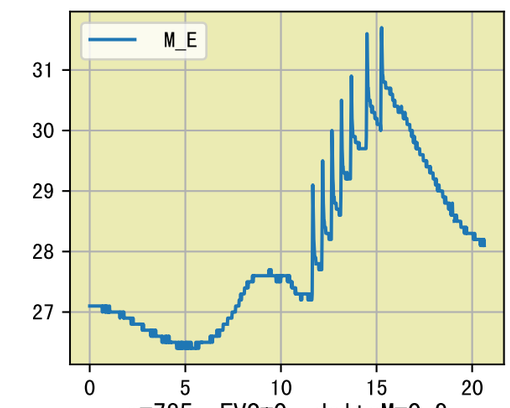

hour
7:00
8:55
10:15
11:25
12:20
13:20
14:20
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

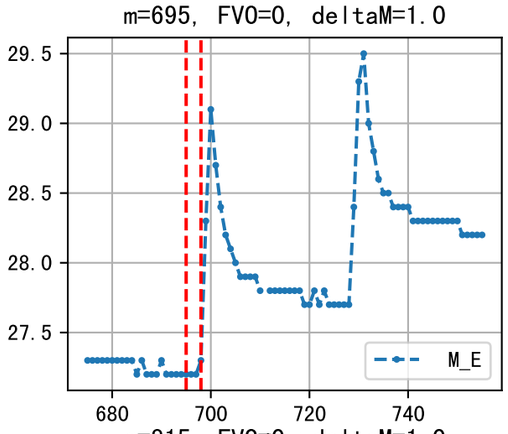
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	152	22.0	0.485	阴	假设@07:00 自动（未用传感器）
08:55	152	22.0	0.485	阴	假设@08:55 自动（未用传感器）
10:15	152	22.0	0.485	阴	假设@10:15 自动（未用传感器）
11:25	152	22.0	0.485	阴	假设@11:25 自动（未用传感器）
12:20	152	22.0	0.485	阴	假设@12:20 自动（未用传感器）
13:20	152	22.0	0.485	阴	假设@13:20 自动（未用传感器）
14:20	152	22.0	0.485	阴	假设@14:20 自动（未用传感器）
15:25	152	22.0	0.485	阴	假设@15:25 自动（未用传感器）
总计	1216.0 (8次)	176.0			建议进液EC：1700， PH：6.0

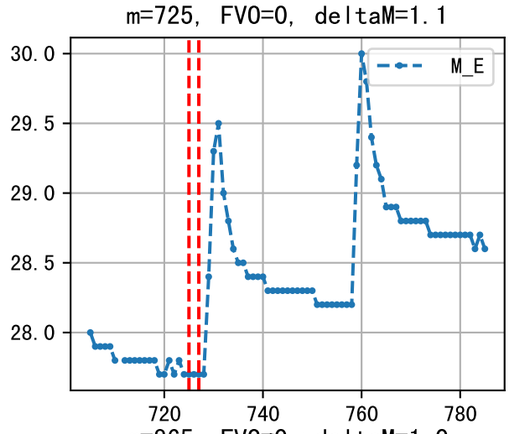
滴头平均流速偏小（0.19 vs def 0.5），请检查
上次灌溉时长(150)与预期(129.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉26.0 ml.

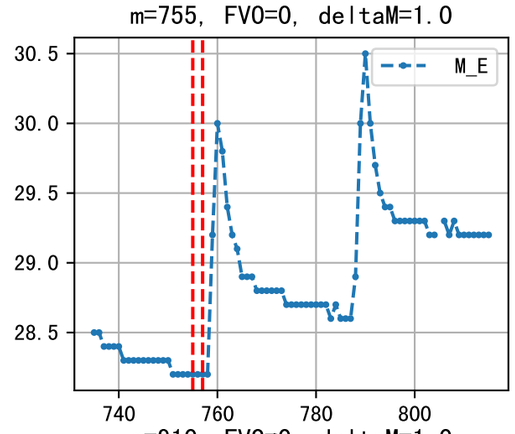
P1_0, Day=201.0 (2026-04-13)

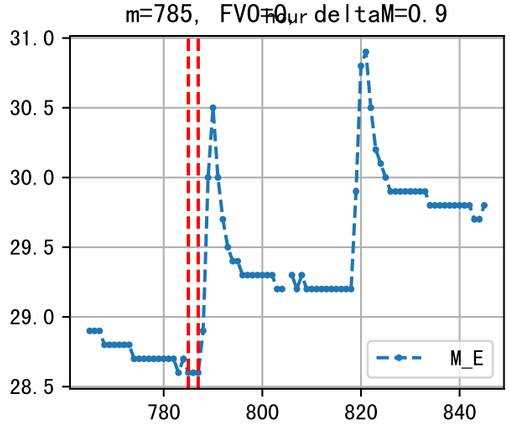


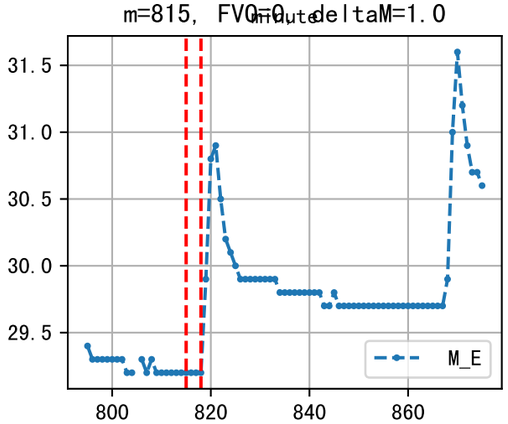

M_E
31
30
29
28
27
0
5
10
15
20

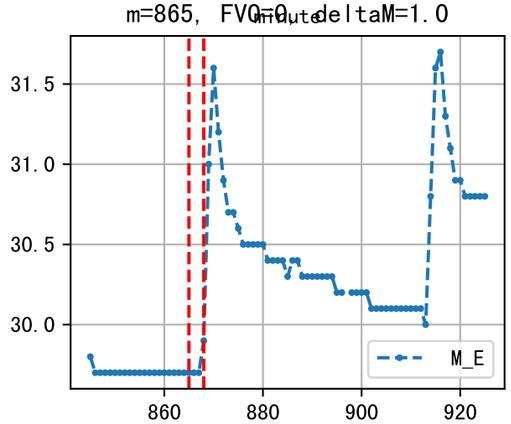

m=695, FV0=0, deltaM=1.0
M_E
29.5
29.0
28.5
28.0
27.5
680
700
720
740

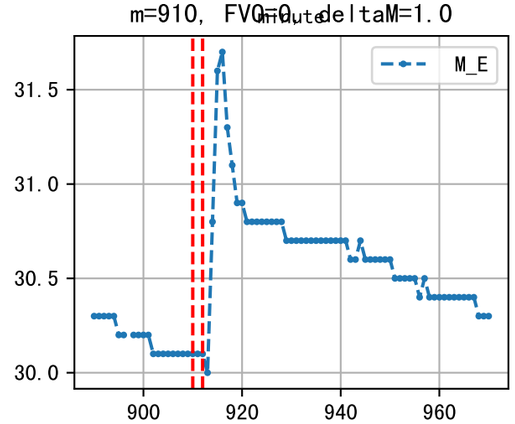

m=725, FV0=0, deltaM=1.1
M_E
30.0
29.5
29.0
28.5
28.0
720
740
760
780

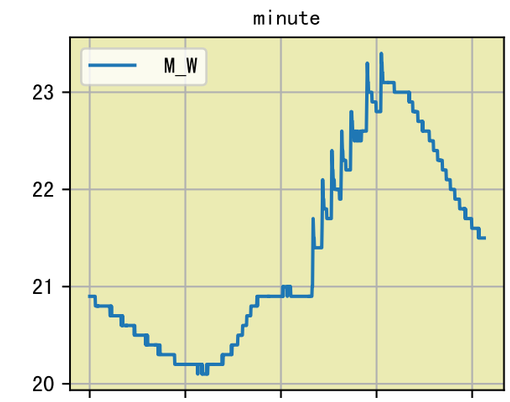

m=755, FV0=0, deltaM=1.0
M_E
30.5
30.0
29.5
29.0
28.5
740
760
780
800

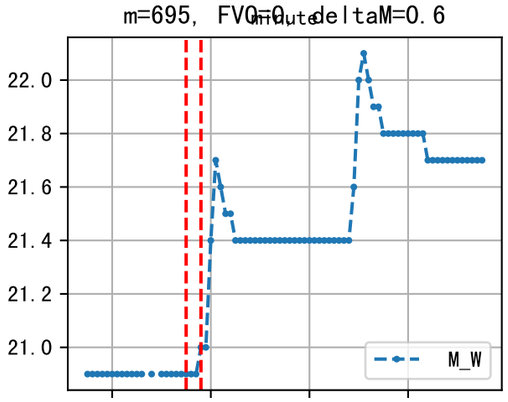

m=785, FV0=0, deltaM=0.9
M_E
31.0
30.5
30.0
29.5
29.0
28.5
780
800
820
840
minute

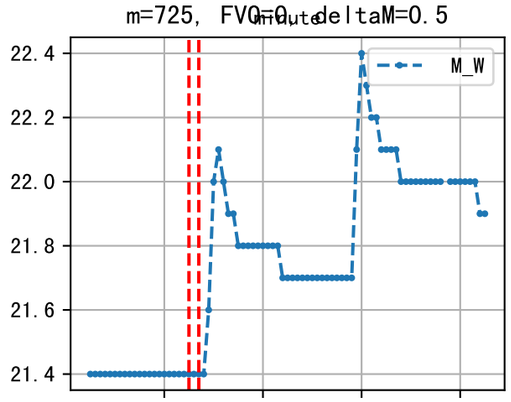

m=815, FV0=0, deltaM=1.0
M_E
31.5
31.0
30.5
30.0
29.5
800
820
840
860

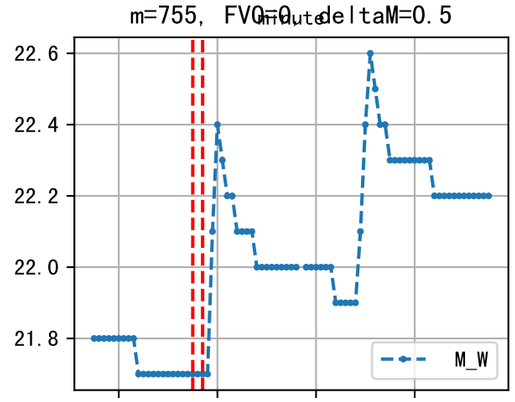

m=865, FV0=0, deltaM=1.0
M_E
31.5
31.0
30.5
30.0
860
880
900
920

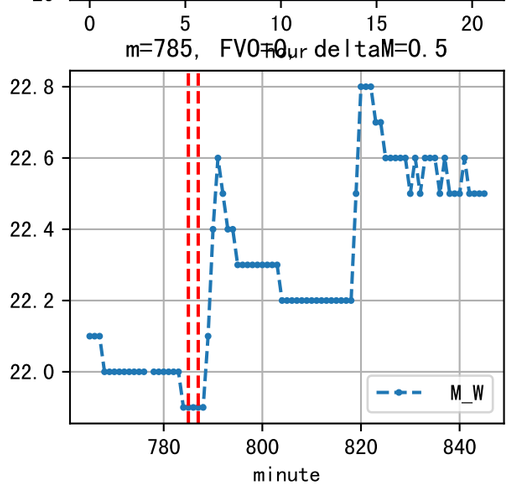

m=910, FV0=0, deltaM=1.0
M_E
31.5
31.0
30.5
30.0
900
920
940
960

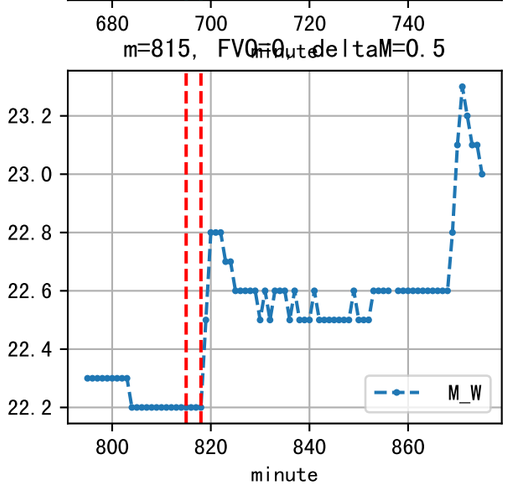

M_W
23
22
21
20
0
5
10
15
20

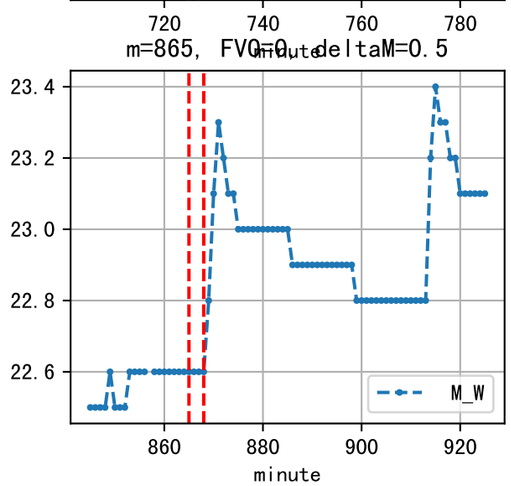

m=695, FV0=0, deltaM=0.6
M_W
22.0
21.8
21.6
21.4
21.2
21.0
680
700
720
740

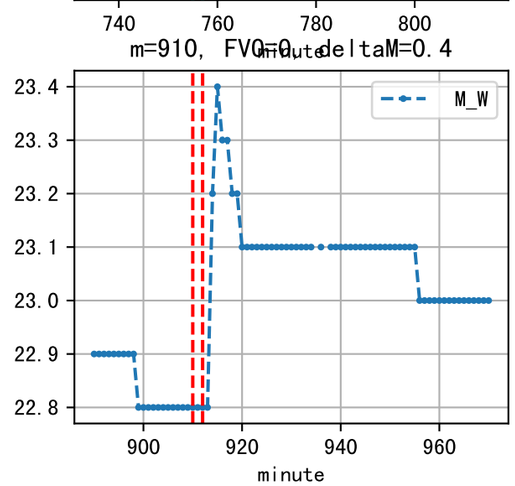

m=725, FV0=0, deltaM=0.5
M_W
22.4
22.2
22.0
21.8
21.6
21.4
720
740
760
780

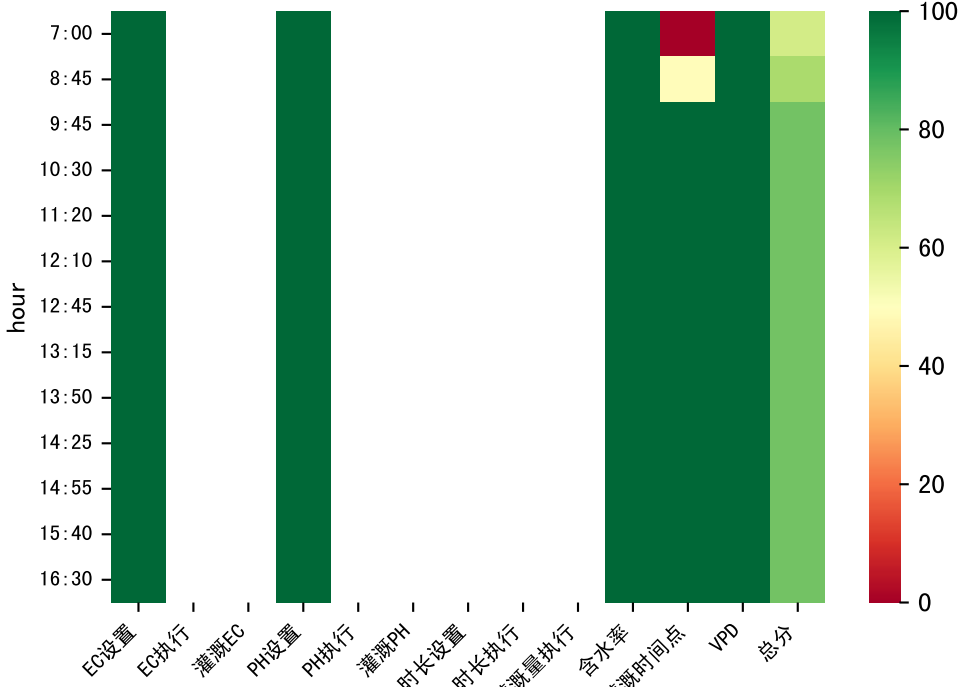

m=755, FV0=0, deltaM=0.5
M_W
22.6
22.4
22.2
22.0
21.8
740
760
780
800


m=785, FV0=0, deltaM=0.5
M_W
22.8
22.6
22.4
22.2
22.0
780
800
820
840
minute


m=815, FV0=0, deltaM=0.5
M_W
23.2
23.0
22.8
22.6
22.4
22.2
800
820
840
860
minute


m=865, FV0=0, deltaM=0.5
M_W
23.4
23.2
23.0
22.8
22.6
860
880
900
920
minute

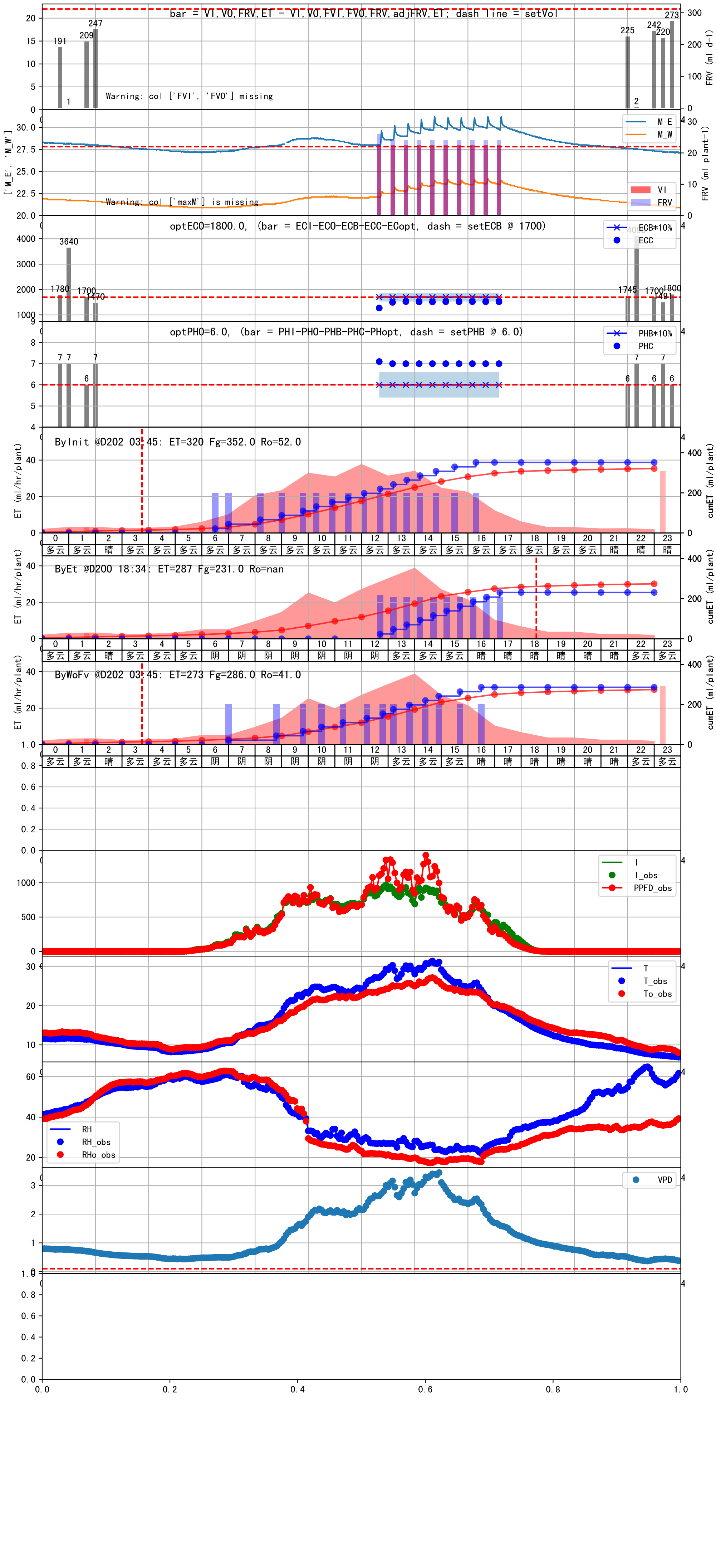

m=910, FV0=0, deltaM=0.4
M_W
23.4
23.3
23.2
23.1
23.0
22.9
22.8
900
920
940
960
minute

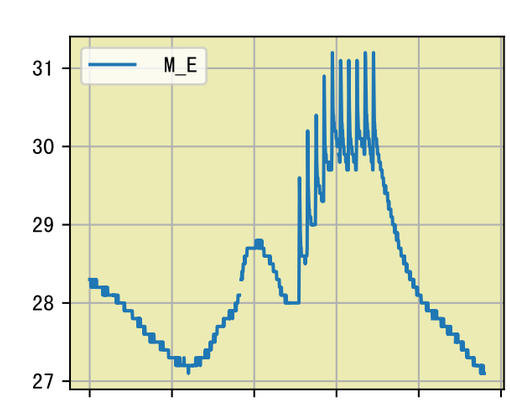

hour
7:00
8:45
9:45
10:30
11:20
12:10
12:45
13:15
13:50
14:25
14:55
15:40
16:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

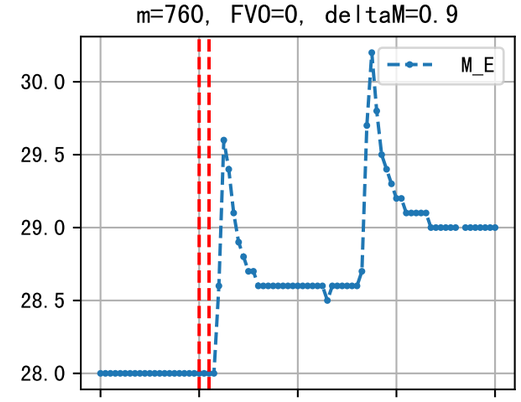
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	131	22.0	0.485	阴	假设@07:00 自动（未用传感器）
08:45	131	22.0	0.485	阴	假设@08:45 自动（未用传感器）
09:45	131	22.0	0.485	阴	假设@09:45 自动（未用传感器）
10:30	131	22.0	0.485	阴	假设@10:30 自动（未用传感器）
11:20	131	22.0	0.485	阴	假设@11:20 自动（未用传感器）
12:10	131	22.0	0.485	阴	假设@12:10 自动（未用传感器）
12:45	131	22.0	0.485	阴	假设@12:45 自动（未用传感器）
13:15	131	22.0	0.485	多云	假设@13:15 自动（未用传感器）
13:50	131	22.0	0.485	多云	假设@13:50 自动（未用传感器）
14:25	131	22.0	0.485	多云	假设@14:25 自动（未用传感器）
14:55	131	22.0	0.485	多云	假设@14:55 自动（未用传感器）
15:40	131	22.0	0.485	多云	假设@15:40 自动（未用传感器）
16:30	131	22.0	0.485	晴	假设@16:30 自动（未用传感器）
总计	1703.0 (13次)	286.0			建议进液EC：1700， PH：6.0

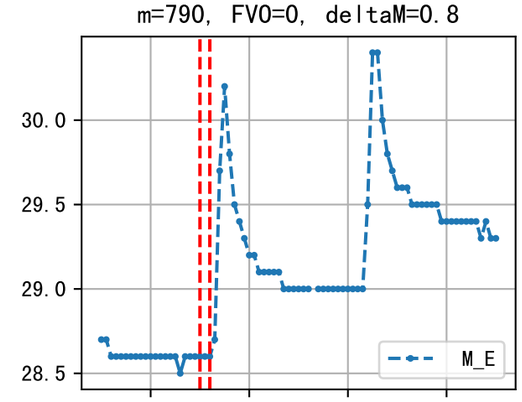
滴头平均流速偏小（0.19 vs def 0.5），请检查
默认实际灌溉22.0 ml.

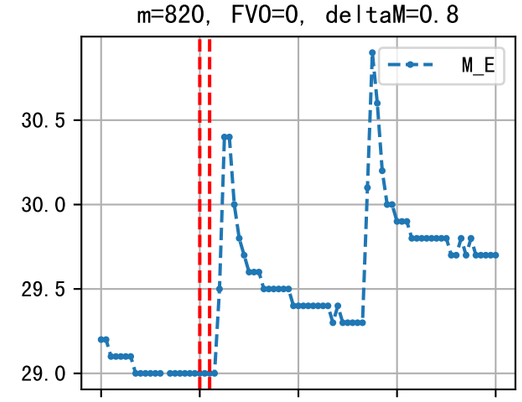
P1_0, Day=200.0 (2026-04-12)

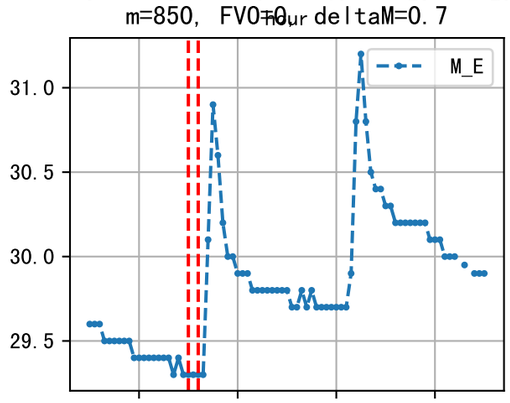


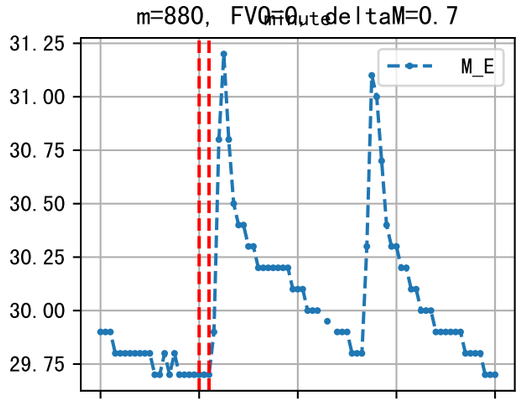

M_E

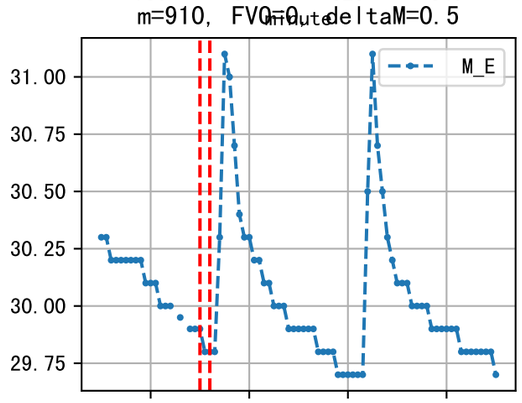

m=760, FVO=0, deltaM=0.9
M_E

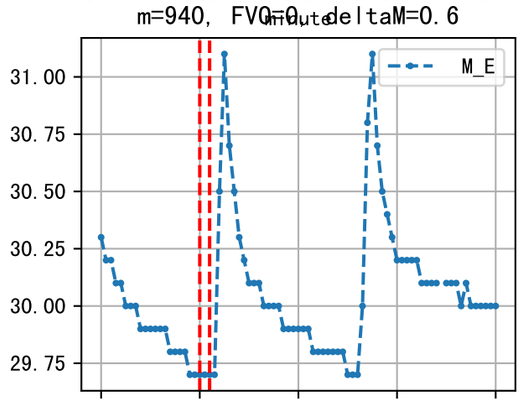

m=790, FVO=0, deltaM=0.8
M_E

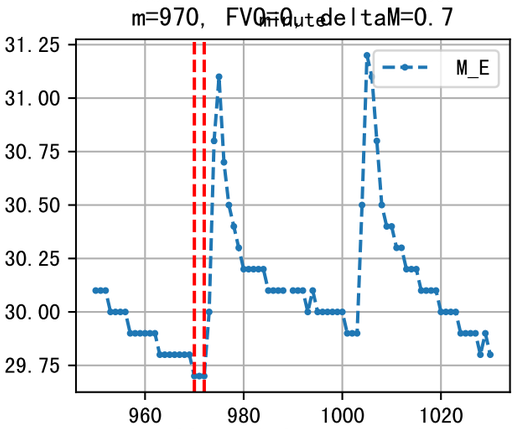

m=820, FVO=0, deltaM=0.8
M_E

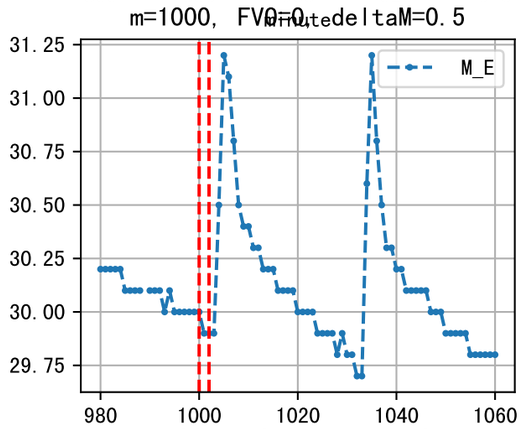

m=850, FVO=0, deltaM=0.7
M_E

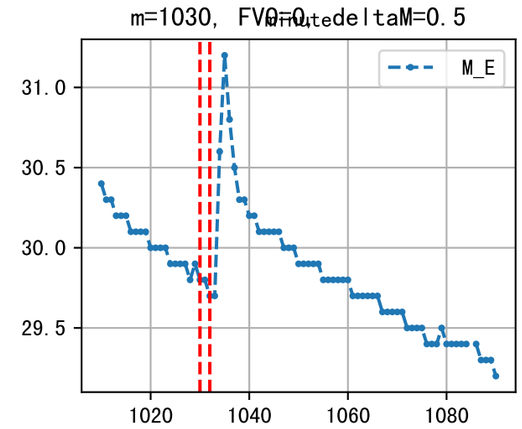

m=880, FVO=0, deltaM=0.7
M_E

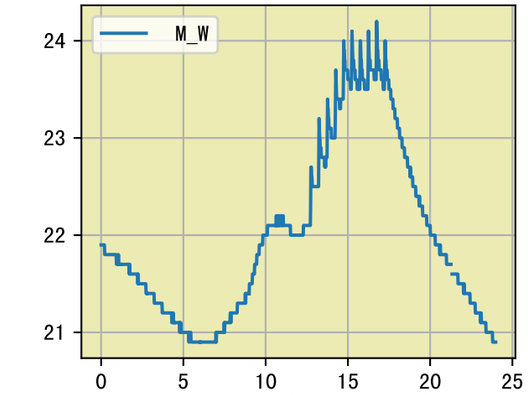

m=910, FVO=0, deltaM=0.5
M_E

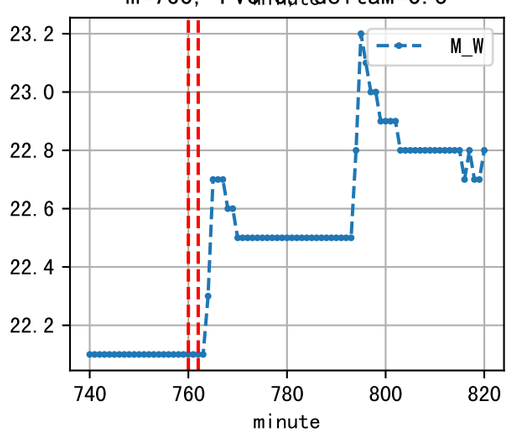

m=940, FVO=0, deltaM=0.6
M_E
minute

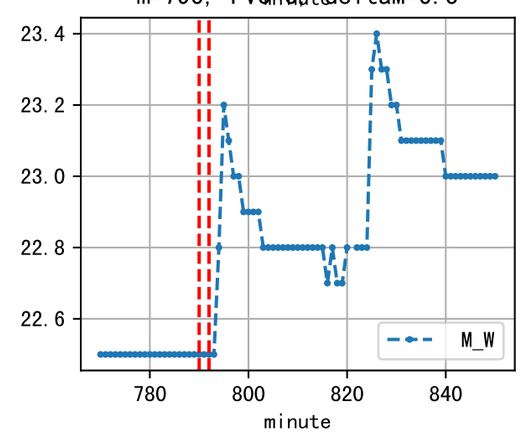

m=970, FVO=0, deltaM=0.7
M_E

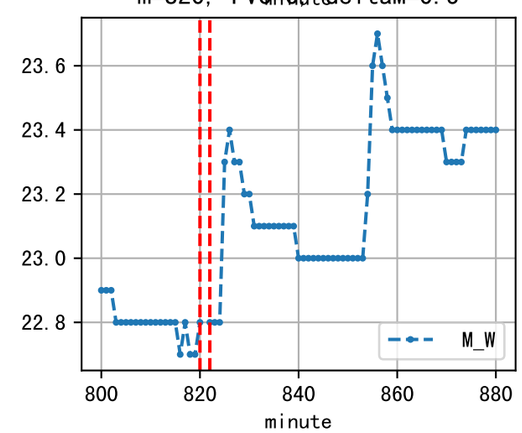

m=1000, FVO=0, deltaM=0.5
M_E

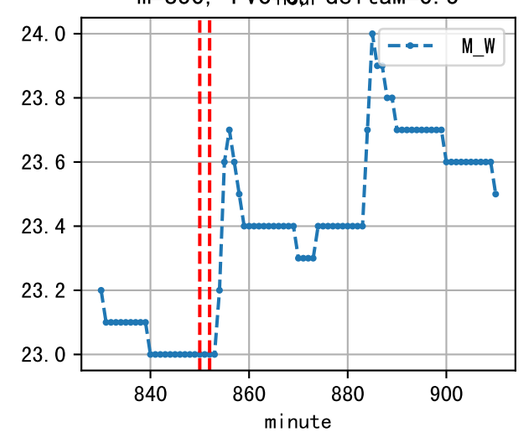

m=1030, FVO=0, deltaM=0.5
M_E

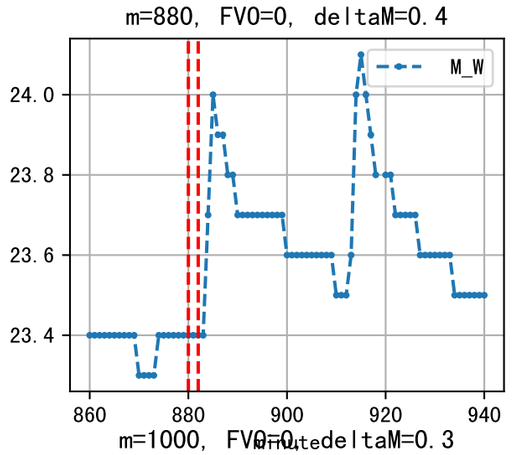

M_W

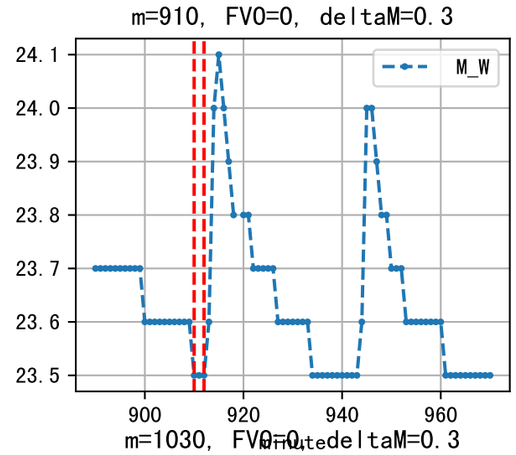

m=760, FVO=0, deltaM=0.5
M_W
minute

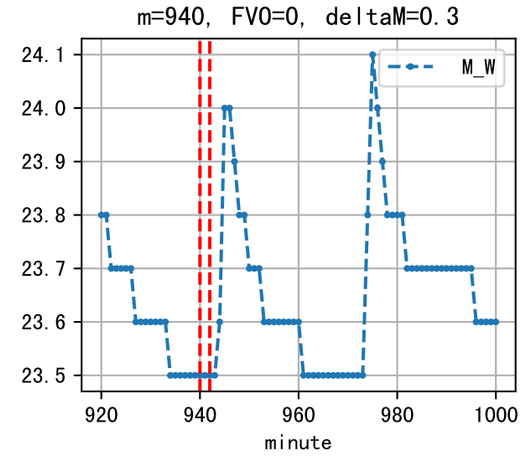

m=790, FVO=0, deltaM=0.5
M_W
minute

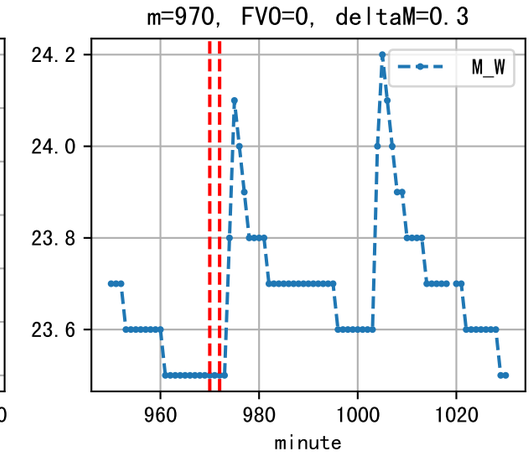

m=820, FVO=0, deltaM=0.5
M_W
minute

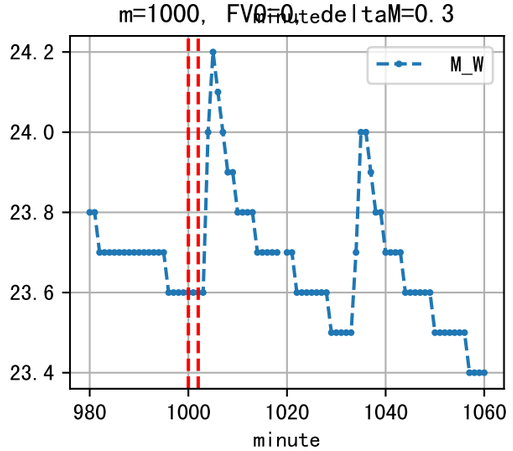

m=850, FVO=0, deltaM=0.5
M_W
minute

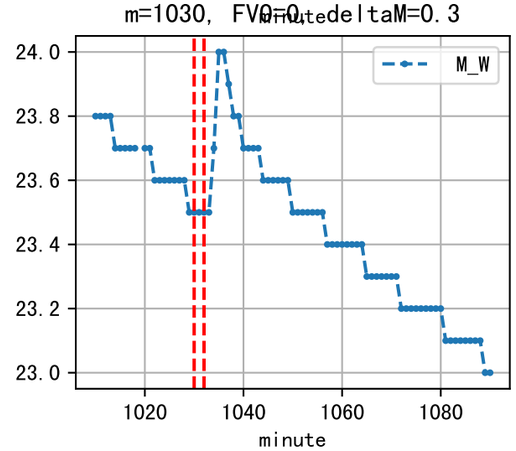

m=880, FV0=0, deltaM=0.4
M_W
minute

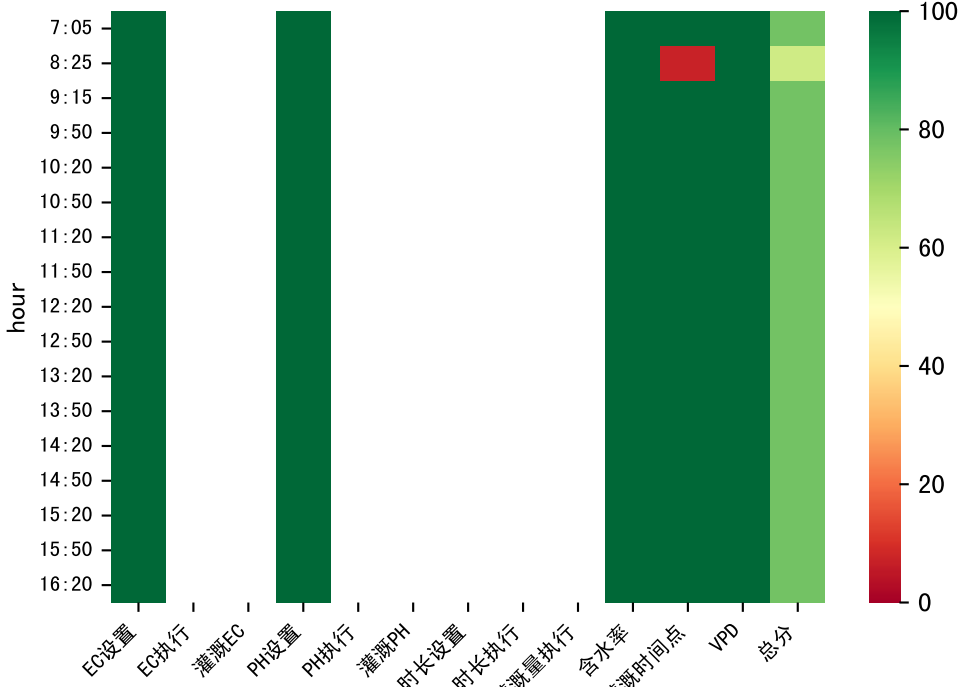

m=910, FV0=0, deltaM=0.3
M_W
minute


m=940, FV0=0, deltaM=0.3
M_W
minute


m=970, FV0=0, deltaM=0.3
M_W
minute


m=1000, FV0=0, deltaM=0.3
M_W
minute

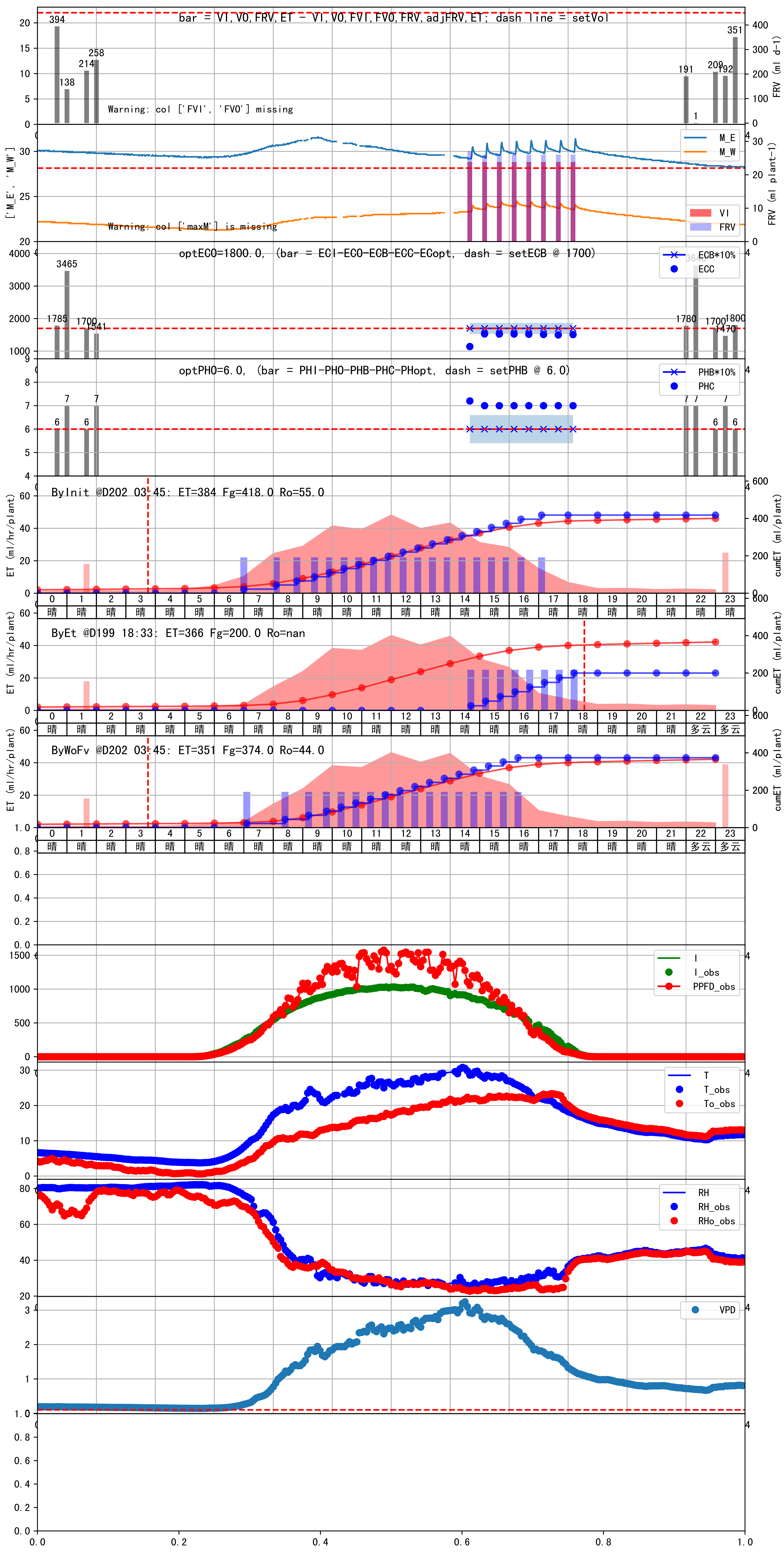

m=1030, FV0=0, deltaM=0.3
M_W
minute

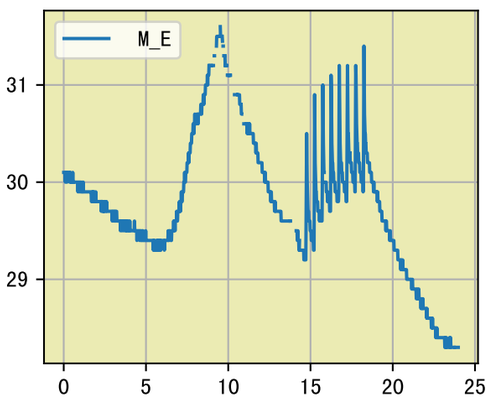

hour
7:05
8:25
9:15
9:50
10:20
10:50
11:20
11:50
12:20
12:50
13:20
13:50
14:20
14:50
15:20
15:50
16:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

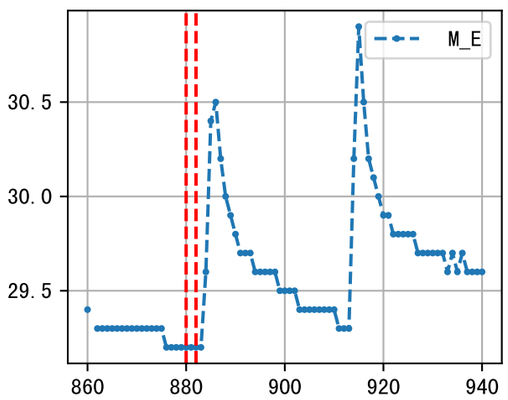
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	141	22.0	0.485	晴	假设@07:05 自动（未用传感器）
08:25	141	22.0	0.485	晴	假设@08:25 自动（未用传感器）
09:15	141	22.0	0.485	晴	假设@09:15 自动（未用传感器）
09:50	141	22.0	0.485	晴	假设@09:50 自动（未用传感器）
10:20	141	22.0	0.485	晴	假设@10:20 自动（未用传感器）
10:50	141	22.0	0.485	晴	假设@10:50 自动（未用传感器）
11:20	141	22.0	0.485	晴	假设@11:20 自动（未用传感器）
11:50	141	22.0	0.485	晴	假设@11:50 自动（未用传感器）
12:20	141	22.0	0.485	晴	假设@12:20 自动（未用传感器）
12:50	141	22.0	0.485	晴	假设@12:50 自动（未用传感器）
13:20	141	22.0	0.485	晴	假设@13:20 自动（未用传感器）
13:50	141	22.0	0.485	晴	假设@13:50 自动（未用传感器）
14:20	141	22.0	0.485	晴	假设@14:20 自动（未用传感器）
14:50	141	22.0	0.485	晴	假设@14:50 自动（未用传感器）
15:20	141	22.0	0.485	晴	假设@15:20 自动（未用传感器）
15:50	141	22.0	0.485	晴	假设@15:50 自动（未用传感器）
16:20	141	22.0	0.485	晴	假设@16:20 自动（未用传感器）
总计	2397.0 (17次)	374.0			建议进液EC：1700， PH：6.0

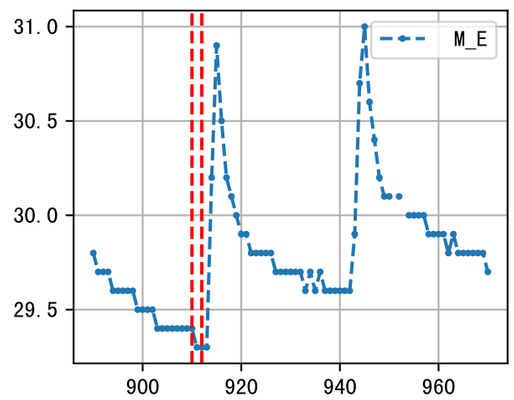
滴头平均流速偏小（0.19 vs def 0.5），请检查
默认实际灌溉24.0 ml.

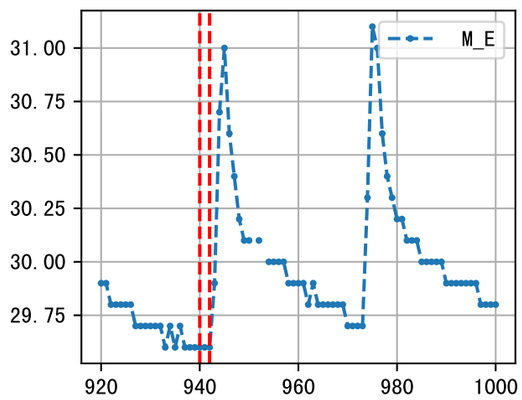
P1_0, Day=199.0 (2026-04-11)

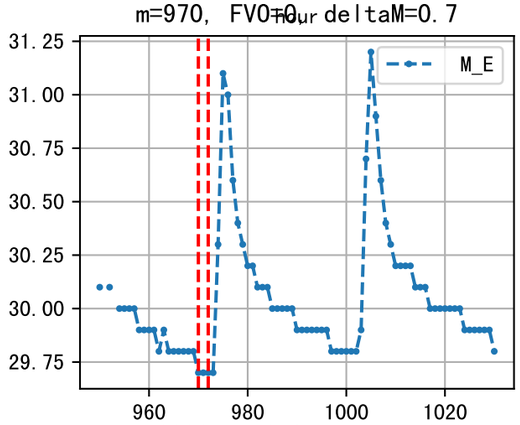


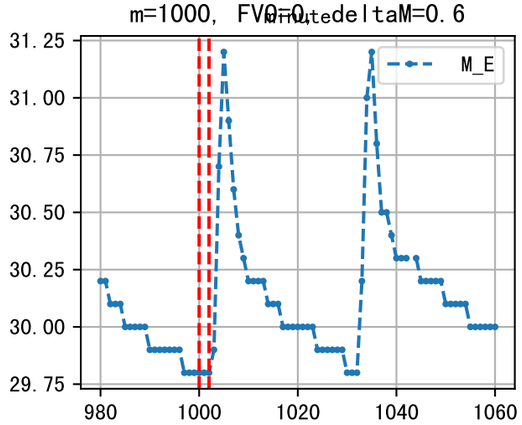

M_E
31
30
29
0
5
10
15
20
25

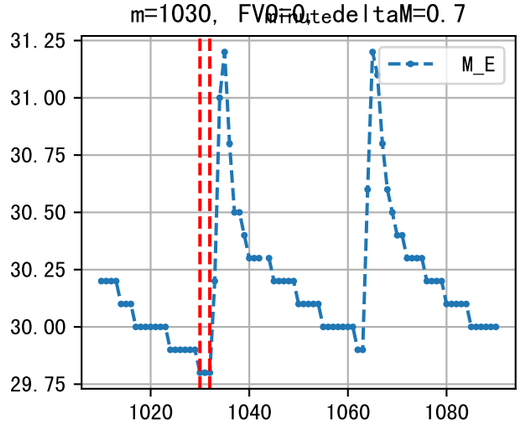

m=880, FV0=0, deltaM=0.8
M_E
30.5
30.0
29.5
860
880
900
920
940

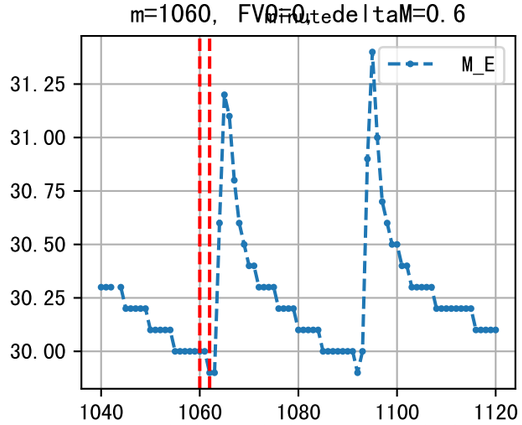

m=910, FV0=0, deltaM=0.7
M_E
31.0
30.5
30.0
29.5
900
920
940
960

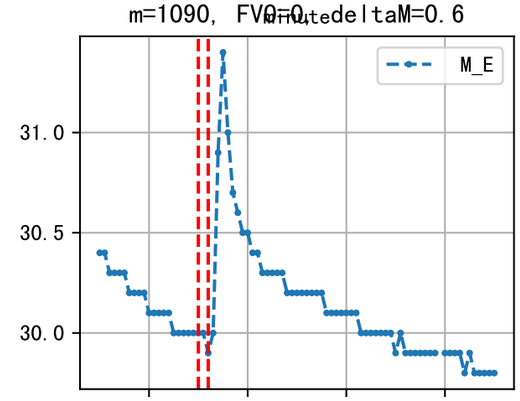

m=940, FV0=0, deltaM=0.6
M_E
31.00
30.75
30.50
30.25
30.00
29.75
920
940
960
980
1000

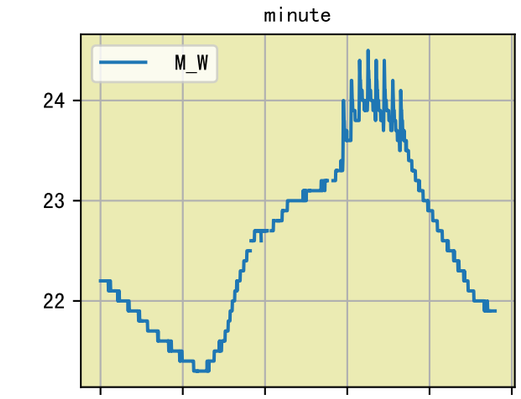

m=970, FV0=0, deltaM=0.7
M_E
31.25
31.00
30.75
30.50
30.25
30.00
29.75
960
980
1000
1020

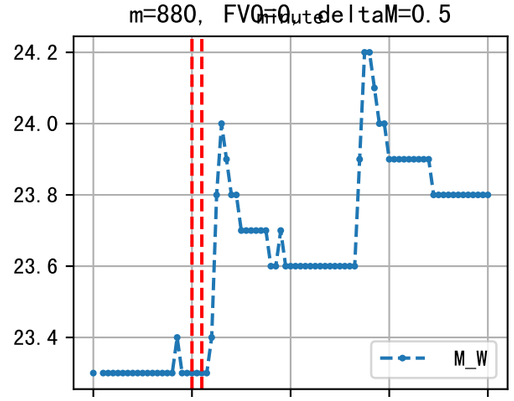

m=1000, FV0=0, deltaM=0.6
M_E
31.25
31.00
30.75
30.50
30.25
30.00
29.75
980
1000
1020
1040
1060
minute

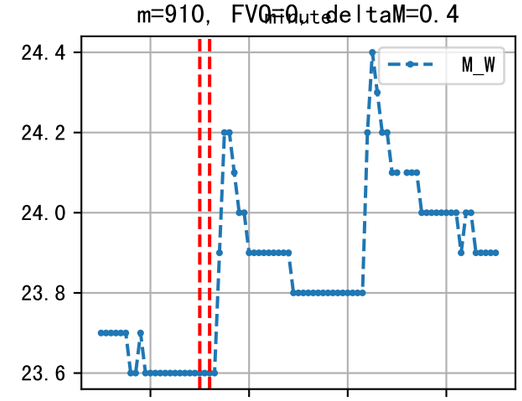

m=1030, FV0=0, deltaM=0.7
M_E
31.25
31.00
30.75
30.50
30.25
30.00
29.75
1020
1040
1060
1080

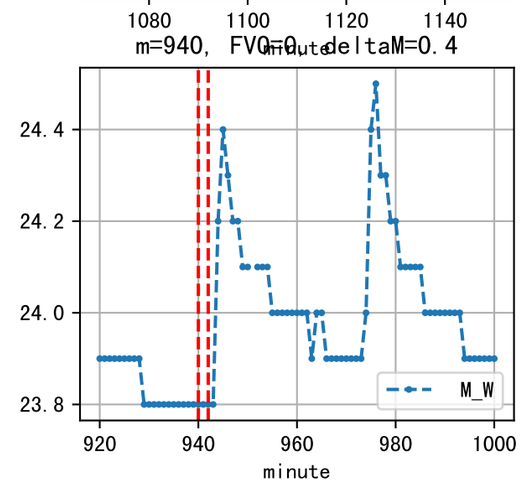

m=1060, FV0=0, deltaM=0.6
M_E
31.25
31.00
30.75
30.50
30.25
30.00
1040
1060
1080
1100
1120

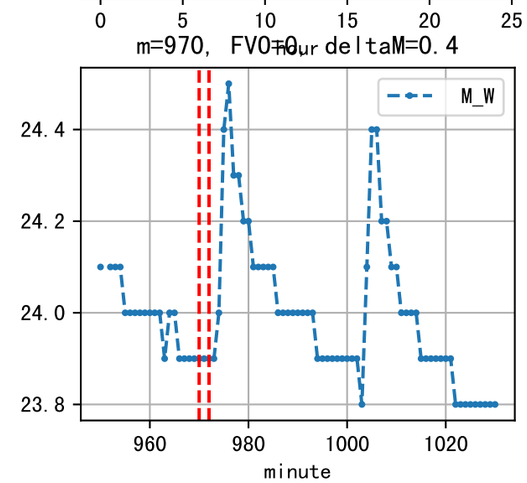

m=1090, FV0=0, deltaM=0.6
M_E
31.0
30.5
30.0
1080
1100
1120
1140

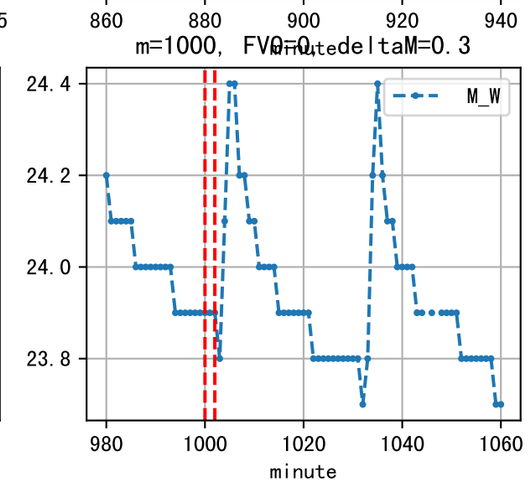

m=880, FV0=0, deltaM=0.5
M_W
24
23
22
0
5
10
15
20
25

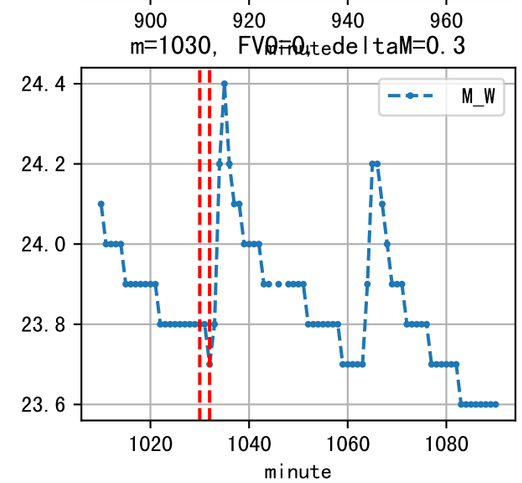

m=910, FV0=0, deltaM=0.4
M_W
24.2
24.0
23.8
23.6
23.4
860
880
900
920
940

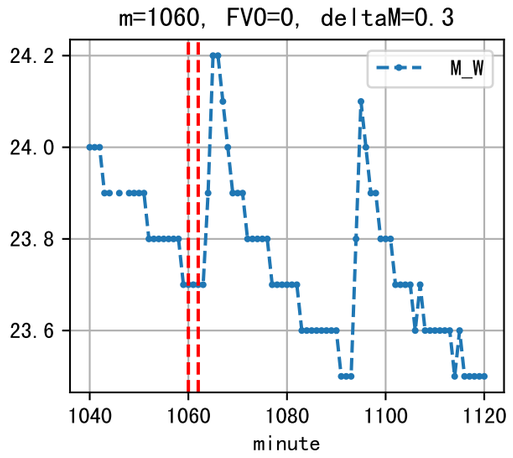

m=940, FV0=0, deltaM=0.4
M_W
24.4
24.2
24.0
23.8
23.6
900
920
940
960

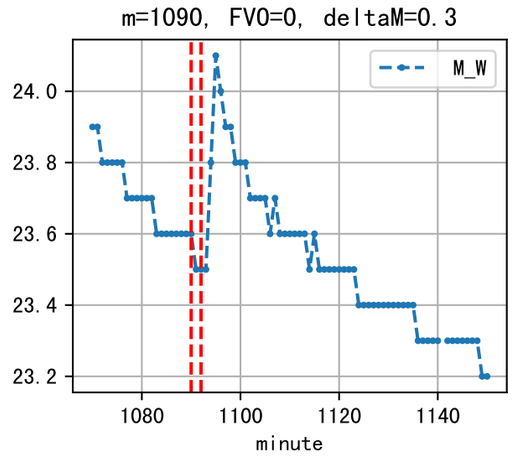

m=940, FV0=0, deltaM=0.4
M_W
24.4
24.2
24.0
23.8
920
940
960
980
1000
minute

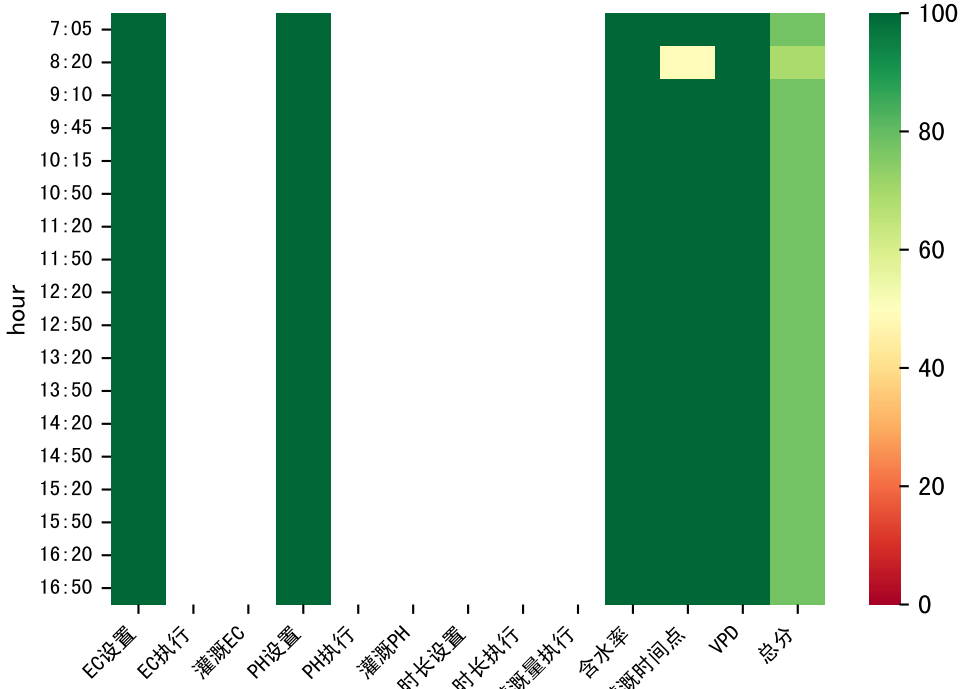

m=970, FV0=0, deltaM=0.4
M_W
24.4
24.2
24.0
23.8
960
980
1000
1020
minute


m=1000, FV0=0, deltaM=0.3
M_W
24.4
24.2
24.0
23.8
980
1000
1020
1040
1060
minute


m=1030, FV0=0, deltaM=0.3
M_W
24.4
24.2
24.0
23.8
23.6
1020
1040
1060
1080
minute


m=1060, FV0=0, deltaM=0.3
M_W
24.2
24.0
23.8
23.6
1040
1060
1080
1100
1120
minute

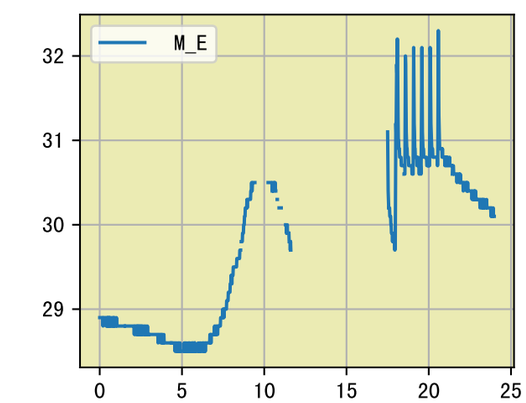

m=1090, FV0=0, deltaM=0.3
M_W
24.0
23.8
23.6
23.4
23.2
1080
1100
1120
1140
minute

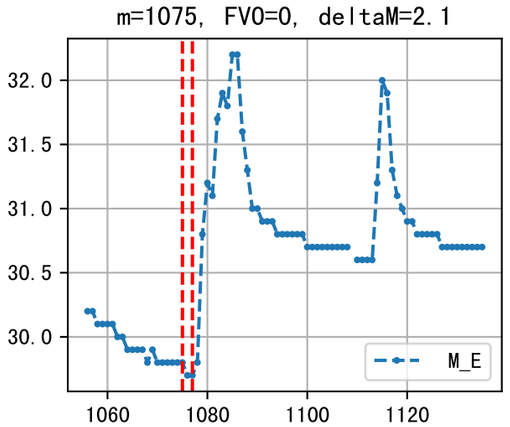

hour
7:05
8:20
9:10
9:45
10:15
10:50
11:20
11:50
12:20
12:50
13:20
13:50
14:20
14:50
15:20
15:50
16:20
16:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

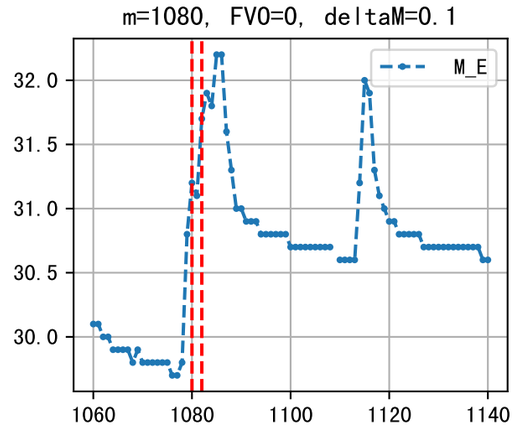
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	142	22.0	0.485	晴	假设@07:05 自动（未用传感器）
08:20	142	22.0	0.485	晴	假设@08:20 自动（未用传感器）
09:10	142	22.0	0.485	晴	假设@09:10 自动（未用传感器）
09:45	142	22.0	0.485	晴	假设@09:45 自动（未用传感器）
10:15	142	22.0	0.485	晴	假设@10:15 自动（未用传感器）
10:50	142	22.0	0.485	晴	假设@10:50 自动（未用传感器）
11:20	142	22.0	0.485	晴	假设@11:20 自动（未用传感器）
11:50	142	22.0	0.485	晴	假设@11:50 自动（未用传感器）
12:20	142	22.0	0.485	晴	假设@12:20 自动（未用传感器）
12:50	142	22.0	0.485	晴	假设@12:50 自动（未用传感器）
13:20	142	22.0	0.485	晴	假设@13:20 自动（未用传感器）
13:50	142	22.0	0.485	晴	假设@13:50 自动（未用传感器）
14:20	142	22.0	0.485	晴	假设@14:20 自动（未用传感器）
14:50	142	22.0	0.485	晴	假设@14:50 自动（未用传感器）
15:20	142	22.0	0.485	晴	假设@15:20 自动（未用传感器）
15:50	142	22.0	0.485	晴	假设@15:50 自动（未用传感器）
16:20	142	22.0	0.485	晴	假设@16:20 自动（未用传感器）
16:50	142	22.0	0.485	晴	假设@16:50 自动（未用传感器）
总计	2556.0 (18次)	396.0			建议进液EC：1700， PH：6.0

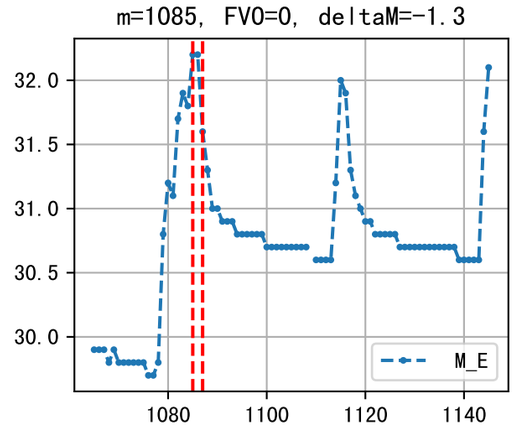
滴头平均流速偏小（0.19 vs def 0.5），请检查
默认实际灌溉24.0 ml.

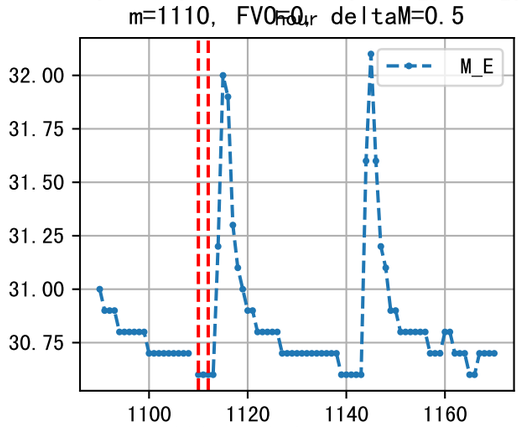
P1_0, Day=198.0 (2026-04-10)

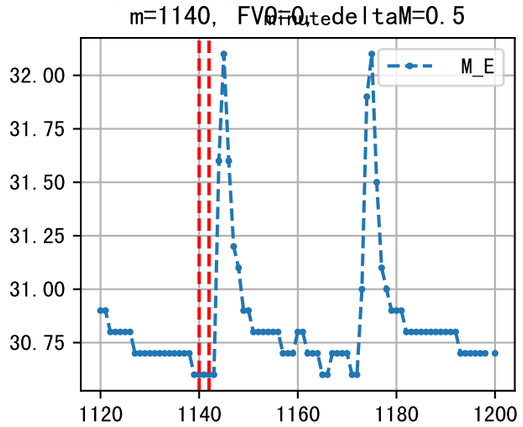

M_E

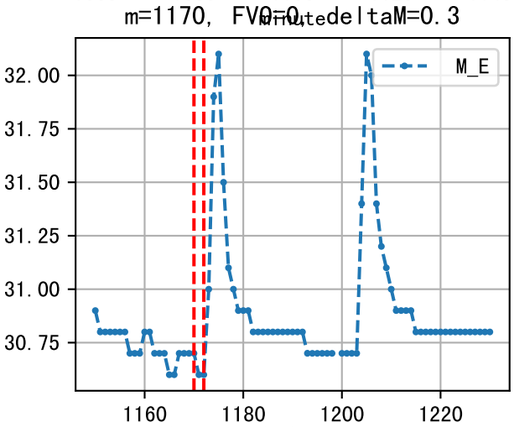

m=1075, FV0=0, deltaM=2.1
M_E

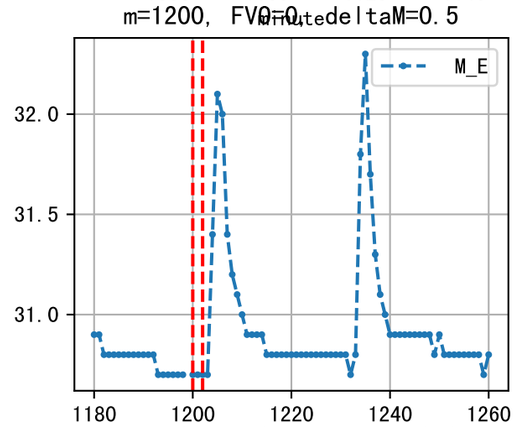

m=1080, FV0=0, deltaM=0.1
M_E

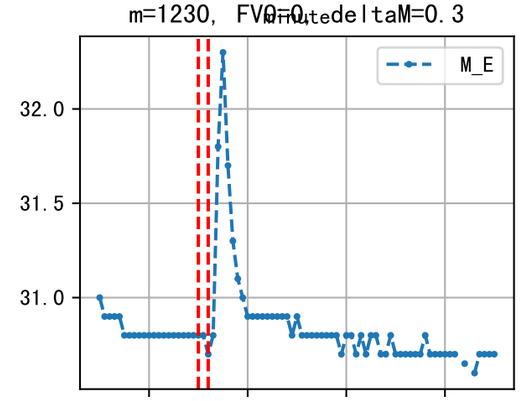

m=1085, FV0=0, deltaM=-1.3
M_E

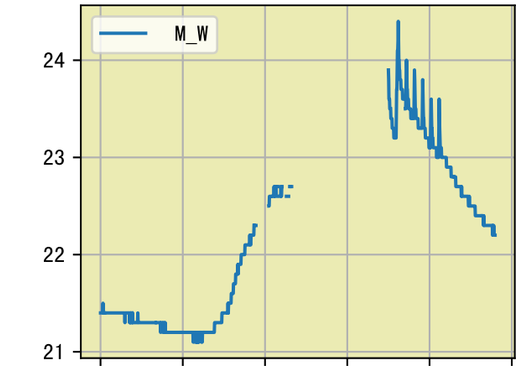

m=1110, FV0=0, deltaM=0.5
M_E


m=1140, FV0=0, deltaM=0.5
M_E
minute


m=1170, FV0=0, deltaM=0.3
M_E


m=1200, FV0=0, deltaM=0.5
M_E


m=1230, FV0=0, deltaM=0.3
M_E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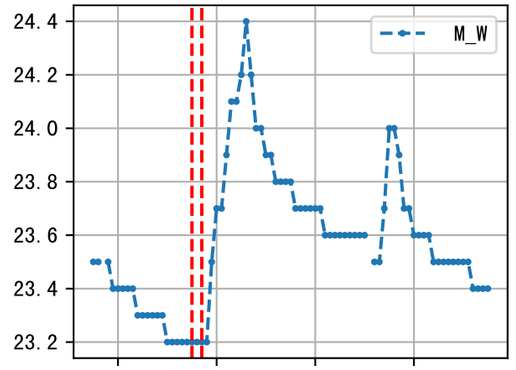
M_W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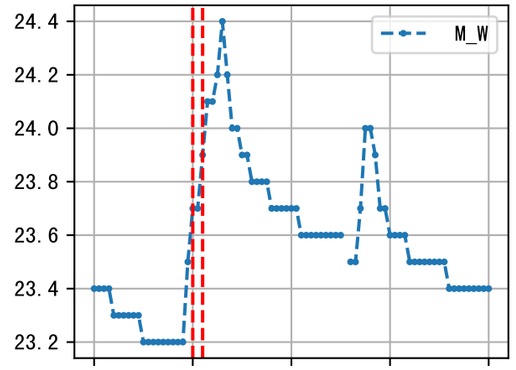
M_W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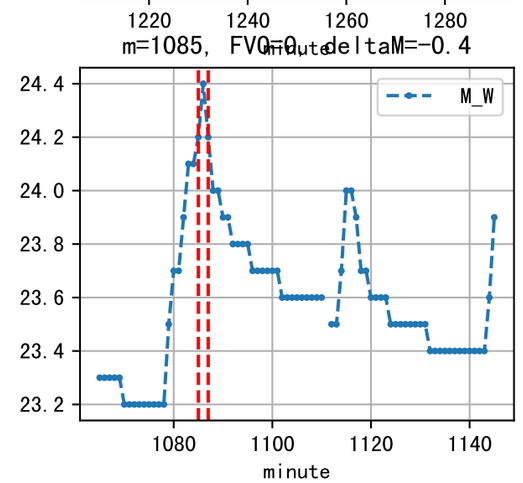
M_W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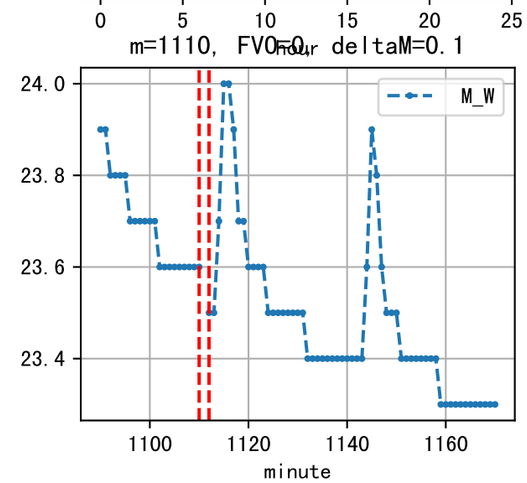
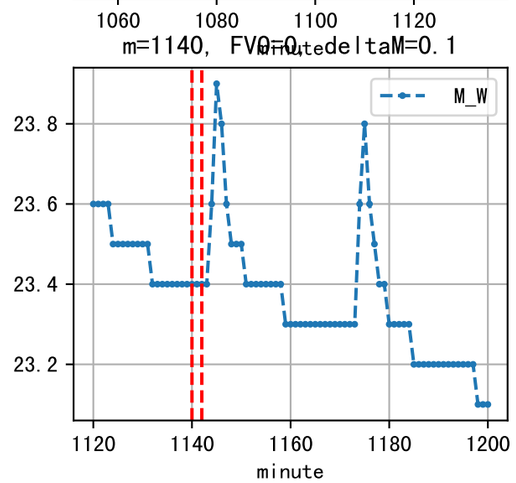
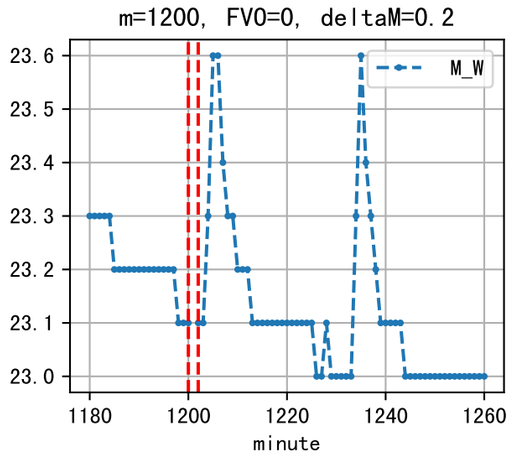
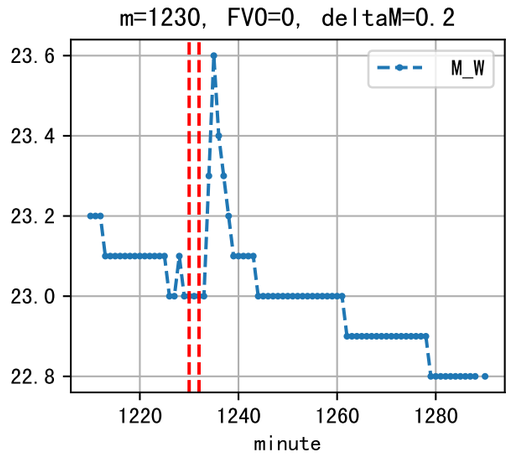
M_W
minute


m=1140, FV0=0, deltaM=0.1
M_W
minute


m=1170, FV0=0, deltaM=0.1
M_W
minute


m=1200, FV0=0, deltaM=0.2
M_W
23.6
23.5
23.4
23.3
23.2
23.1
23.0
1180
1200
1220
1240
1260
minute


m=1230, FV0=0, deltaM=0.2
M_W
23.6
23.4
23.2
23.0
22.8
1220
1240
1260
1280
minute