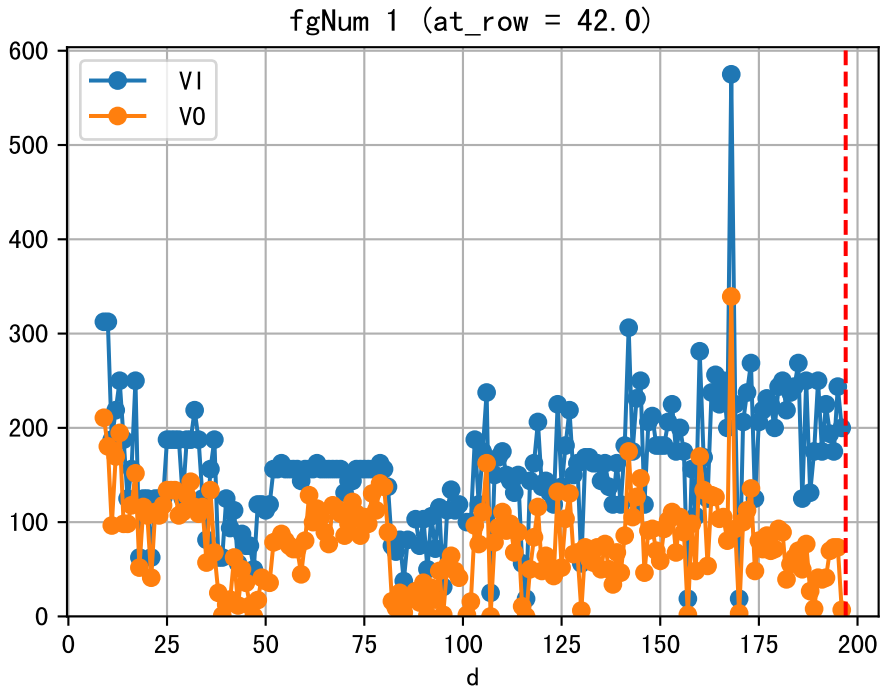
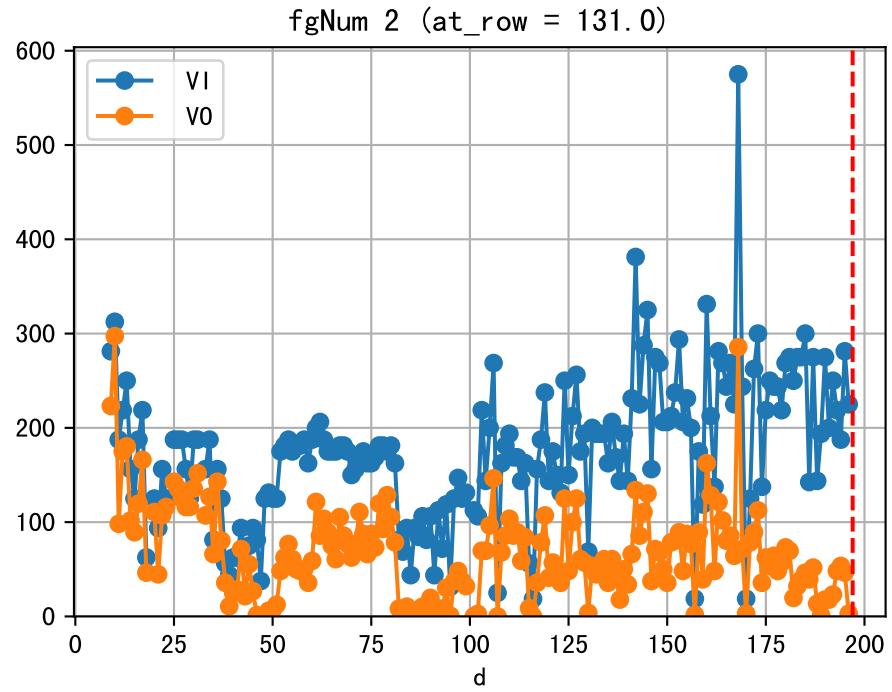
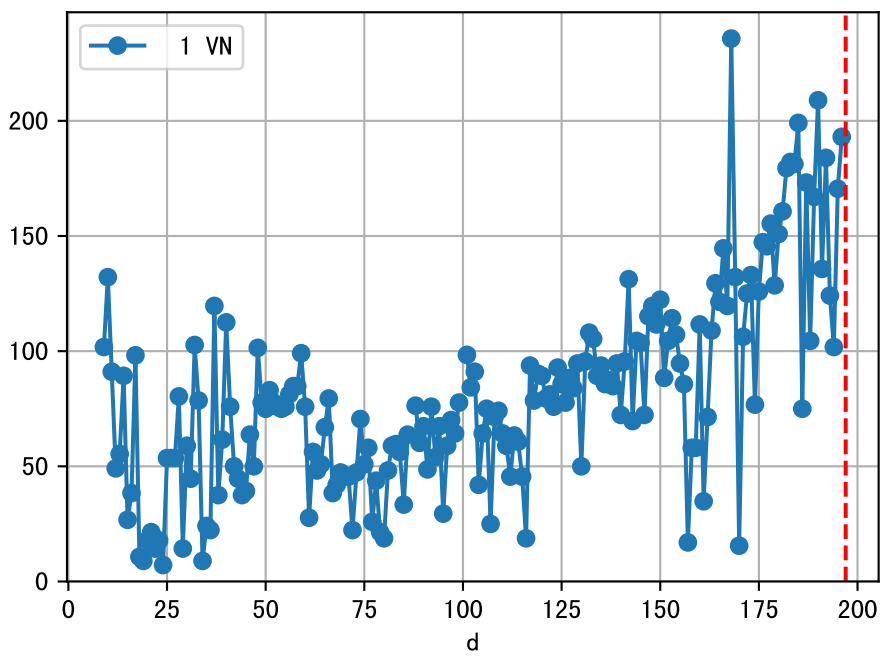
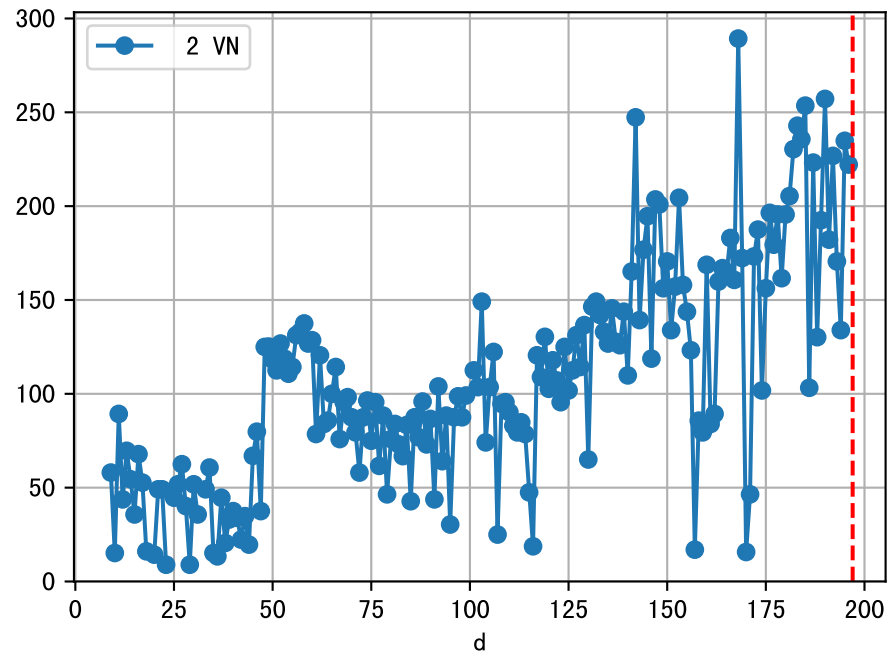
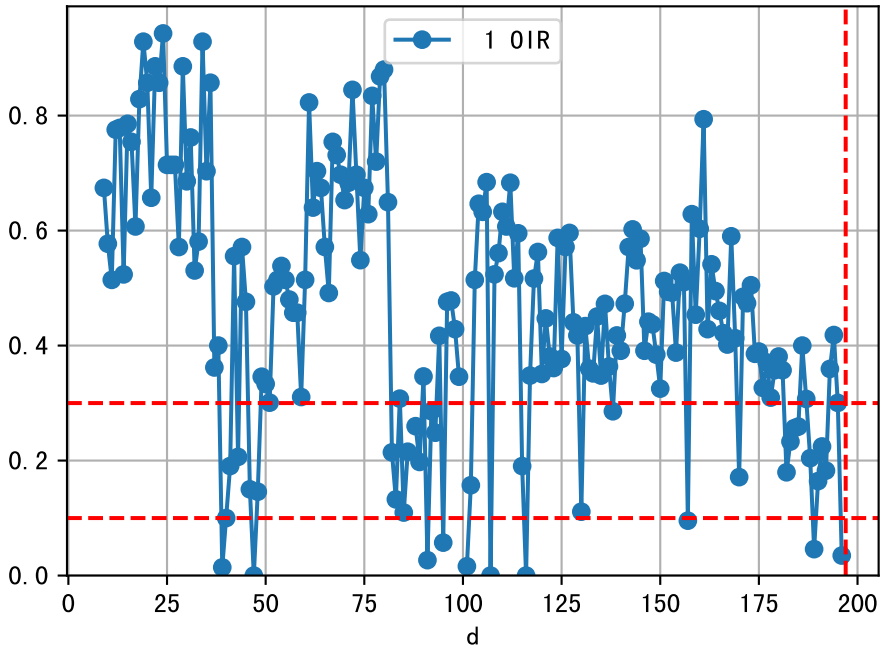
FgArea: ['0']
NC11 P1
2026-04-09 (Day 197)

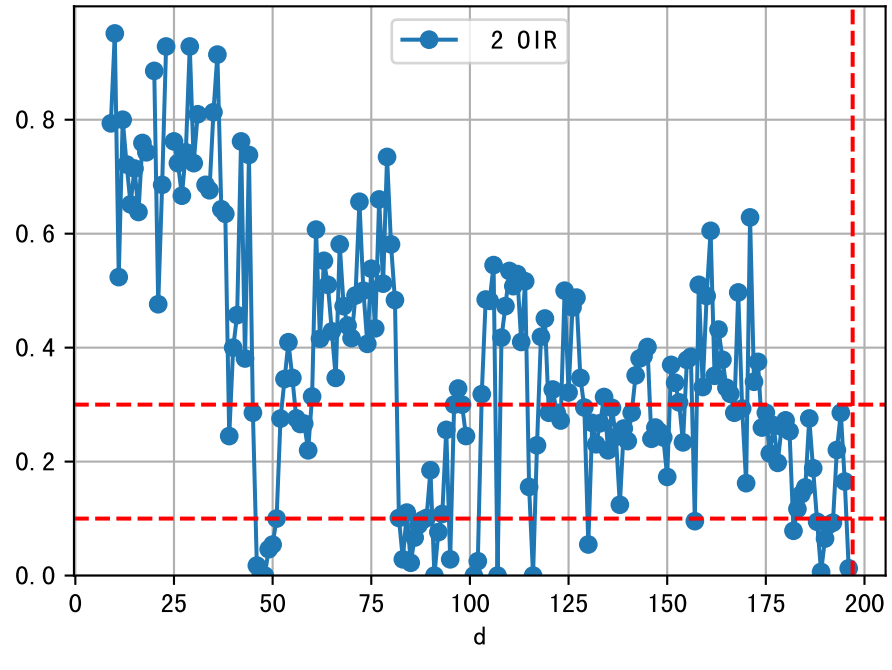

fgNum 1 (at_row = 42.0)
VI
VO
d

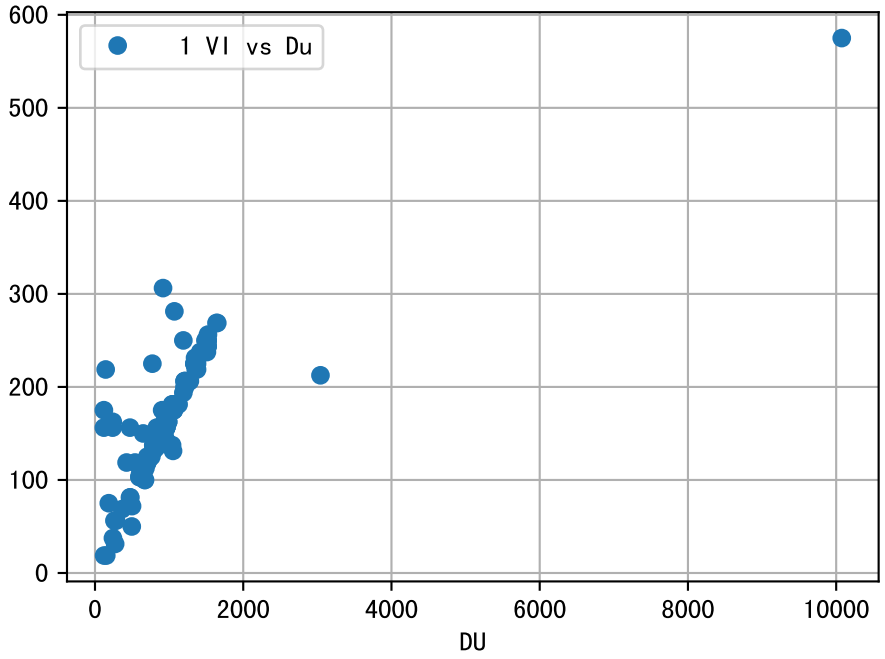

fgNum 2 (at_row = 131.0)
VI
VO
d

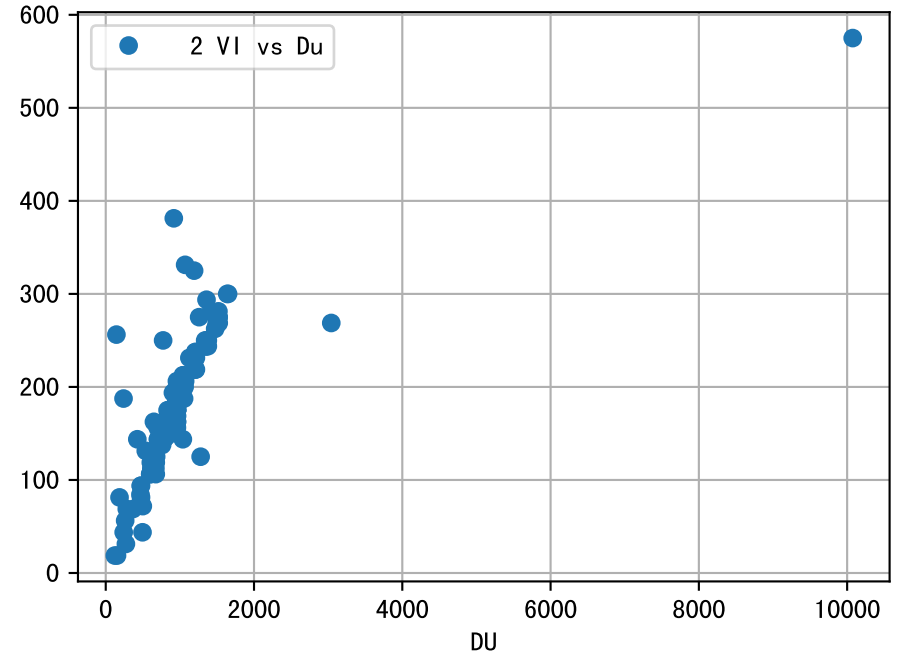

1 VN
d

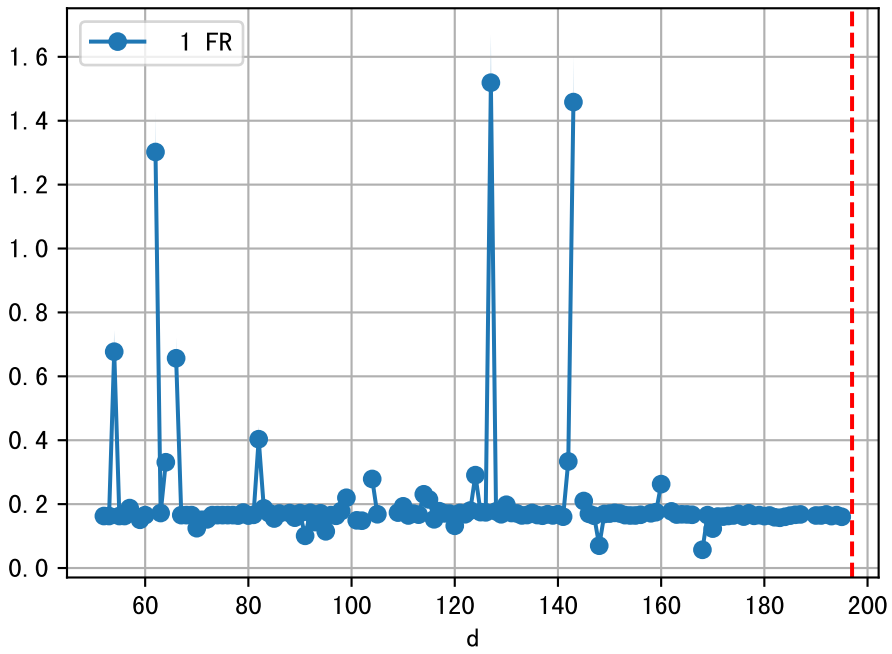

2 VN
d

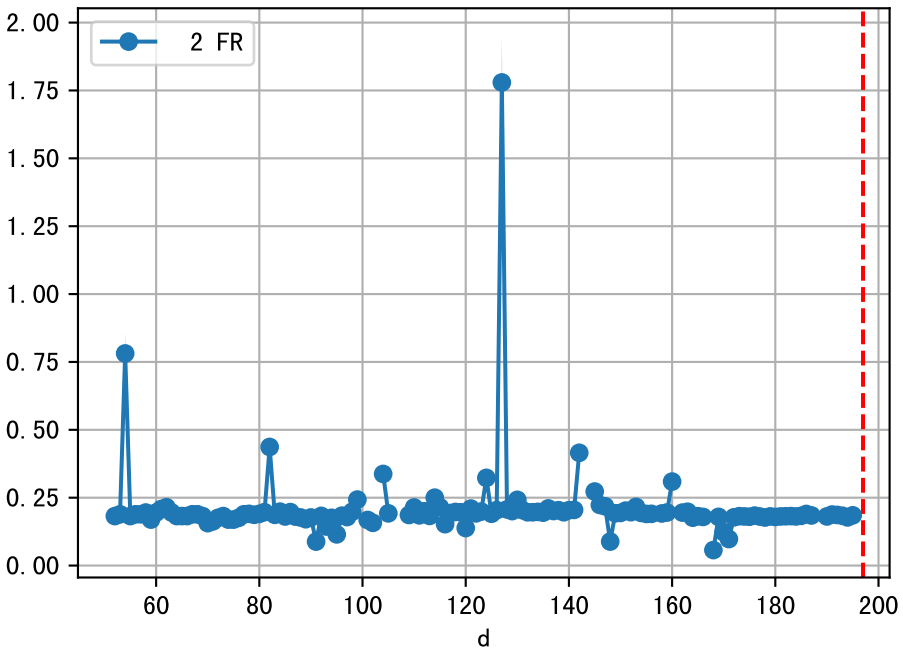

1 OIR
d

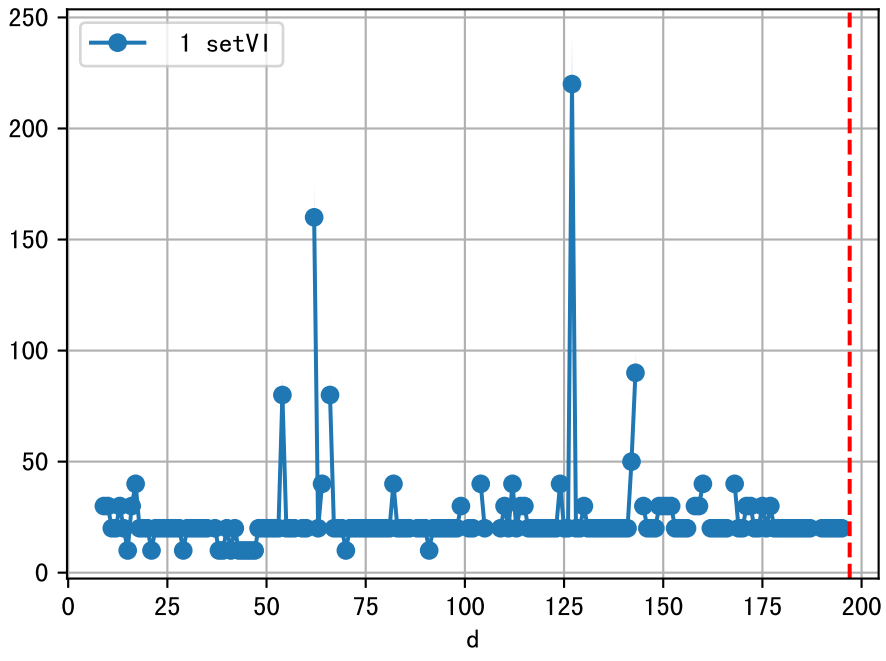

2 OIR
d

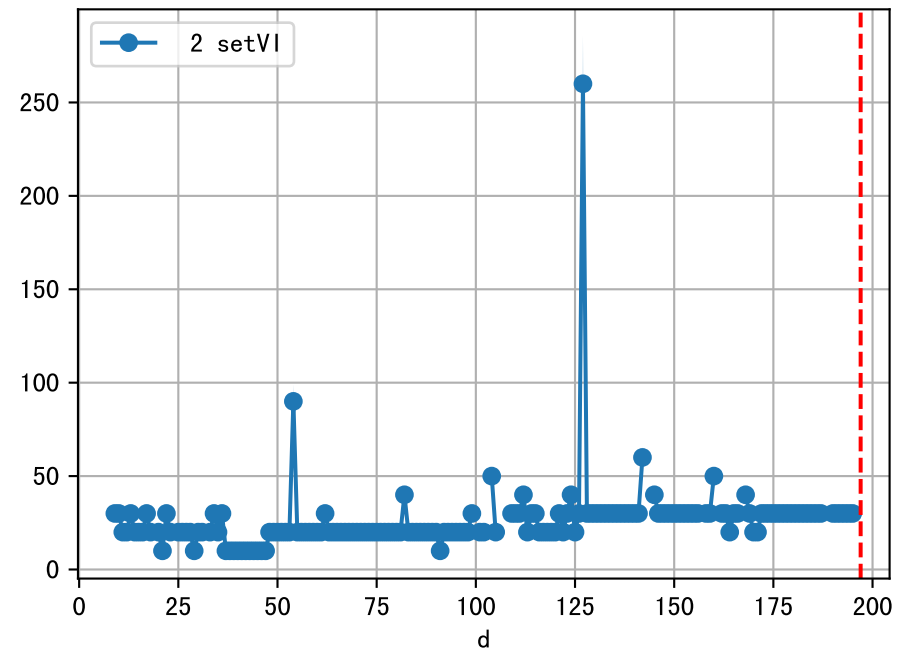

1 VI vs Du
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

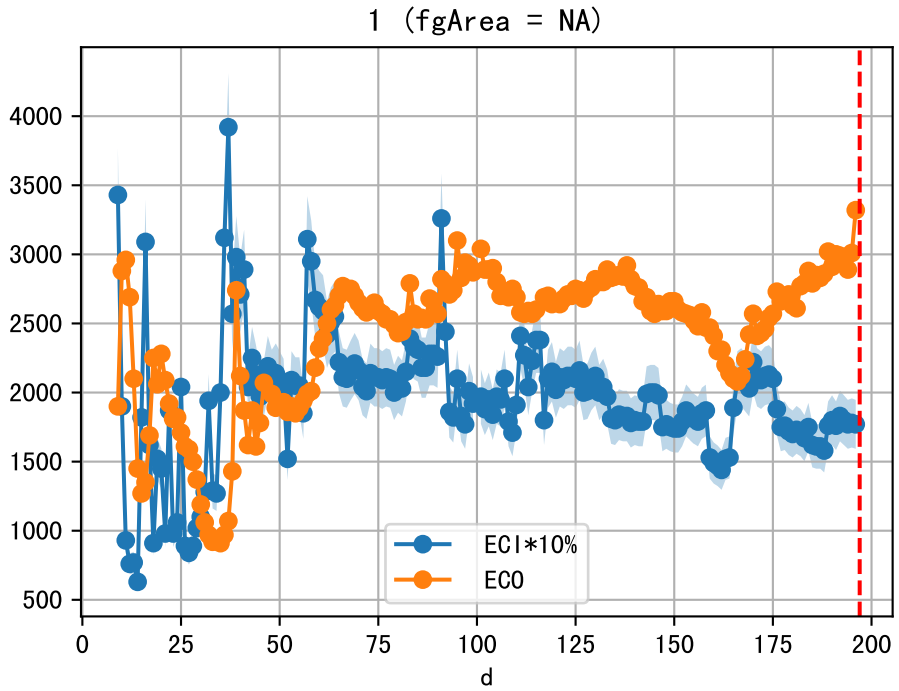

2 VI vs Du
600
500
400
300
200
100
0
0
2000
4000
6000
8000
10000
DU

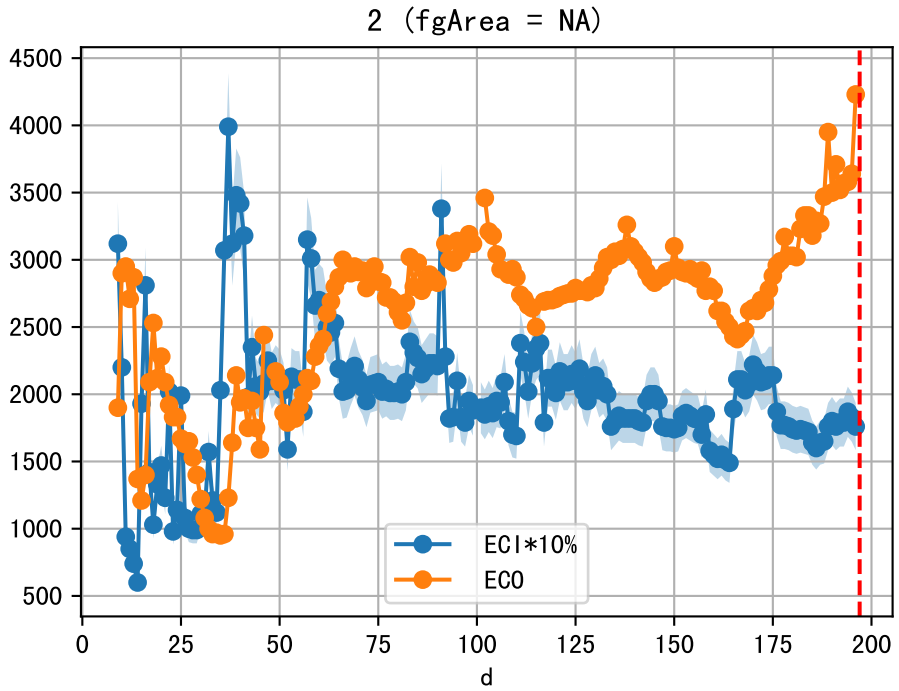

1 FR
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
60
80
100
120
140
160
180
200
d

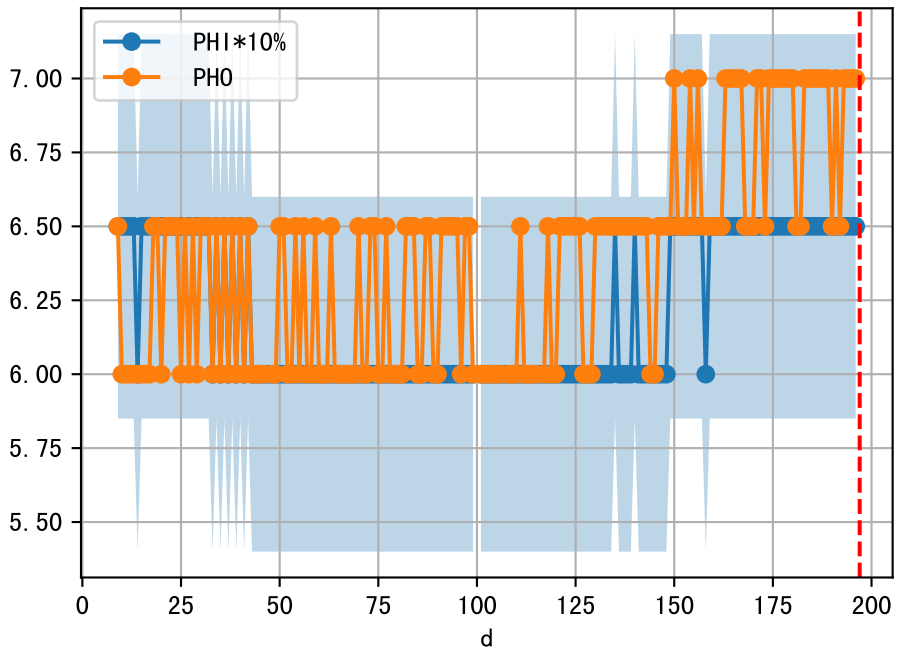

2 FR
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
60
80
100
120
140
160
180
200
d

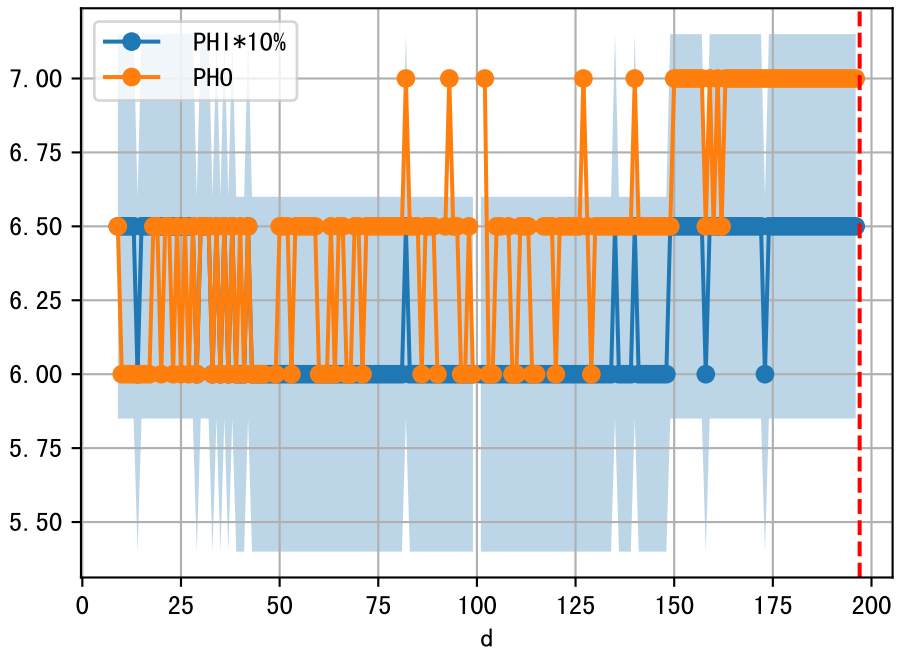

1 setVI
250
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

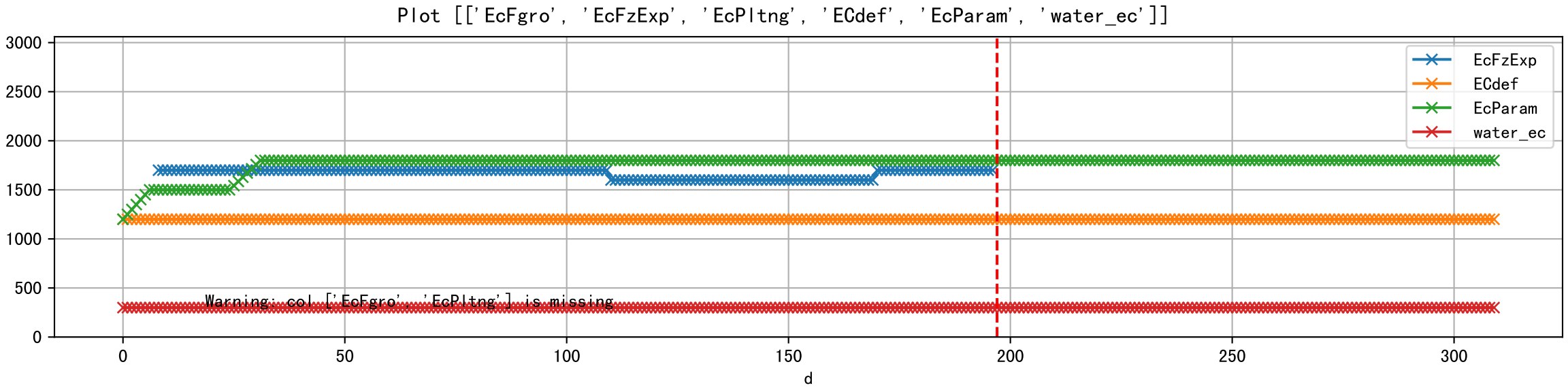

2 setVI
250
200
150
100
50
0
0
25
50
75
100
125
150
175
200
d

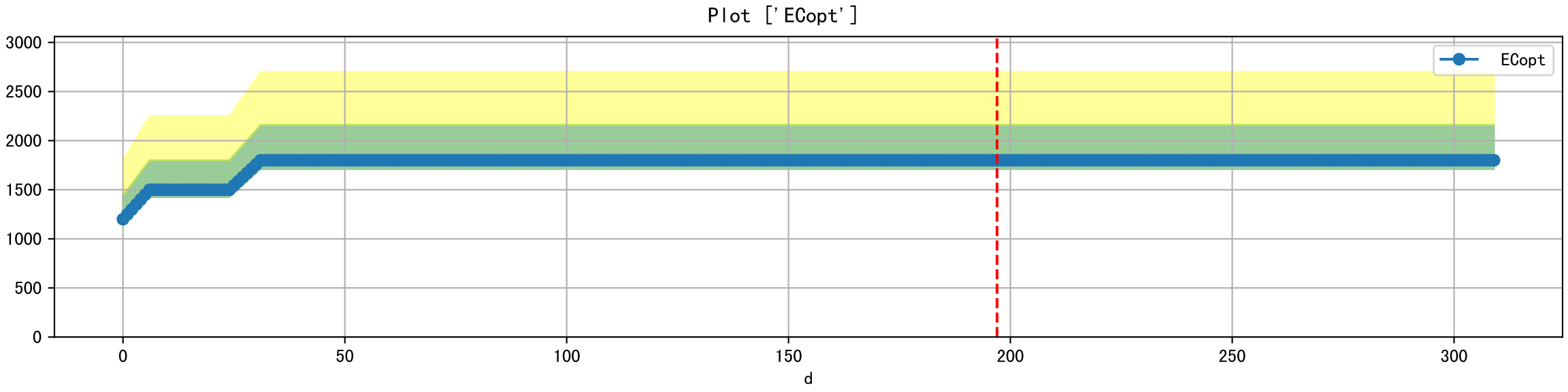

1 (fgArea = NA)
4000
3500
3000
2500
2000
1500
1000
500
ECI*10%
ECO
0
25
50
75
100
125
150
175
200
d

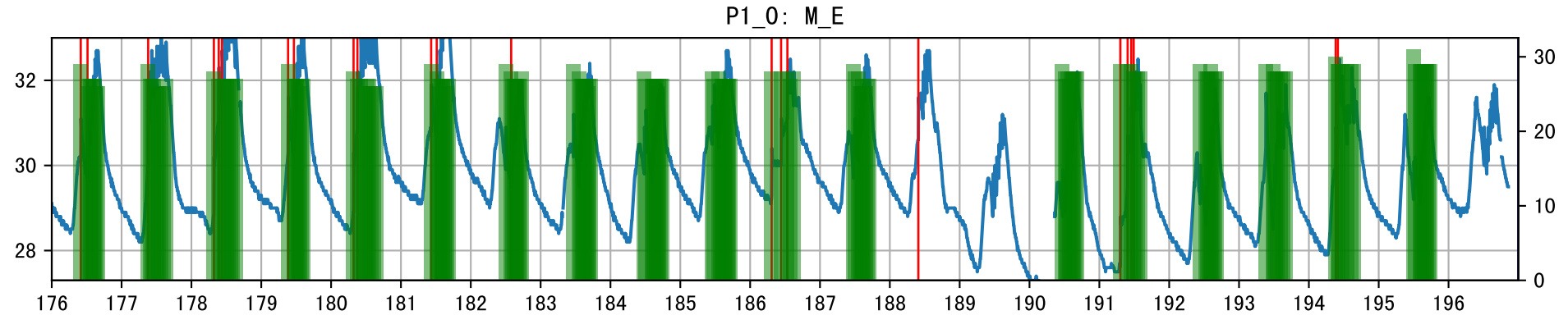

2 (fgArea = NA)
4500
4000
3500
3000
2500
2000
1500
1000
500
ECI*10%
ECO
0
25
50
75
100
125
150
175
200
d

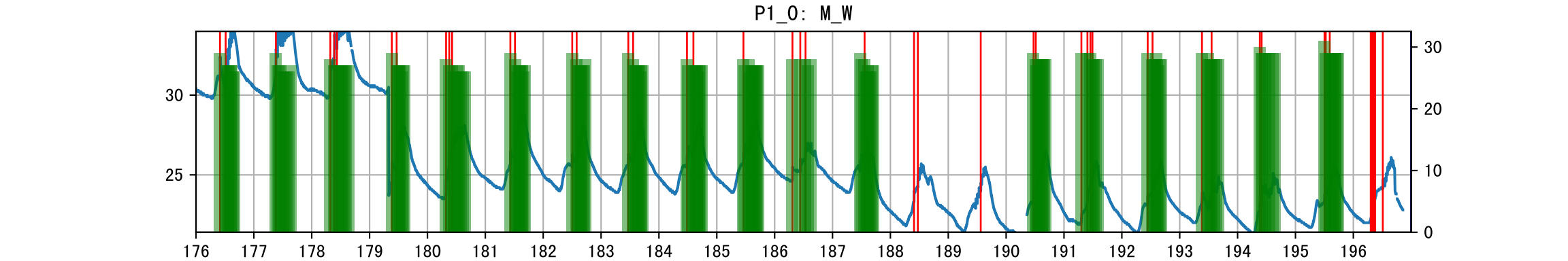

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
0
25
50
75
100
125
150
175
200
d


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

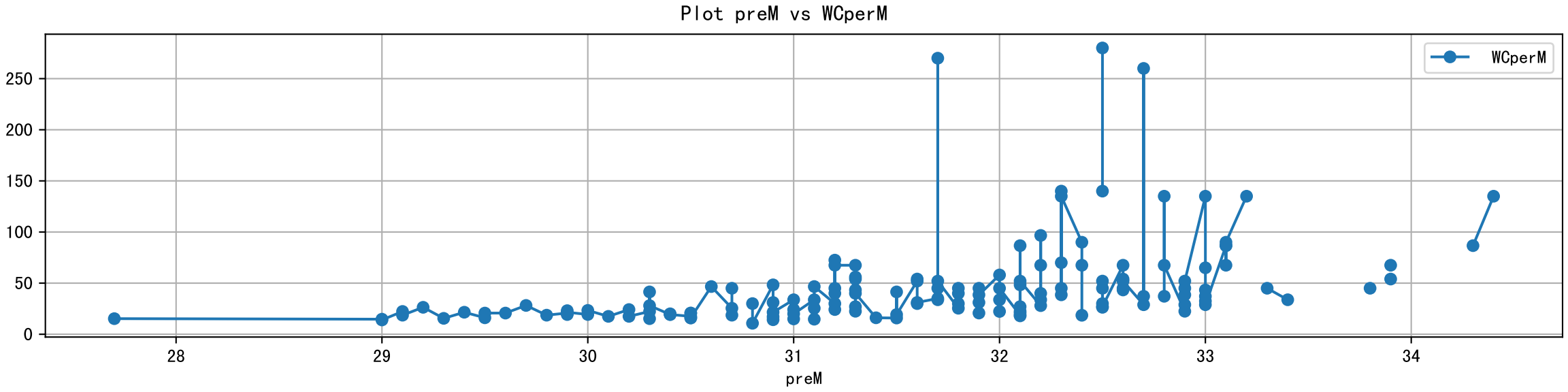

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

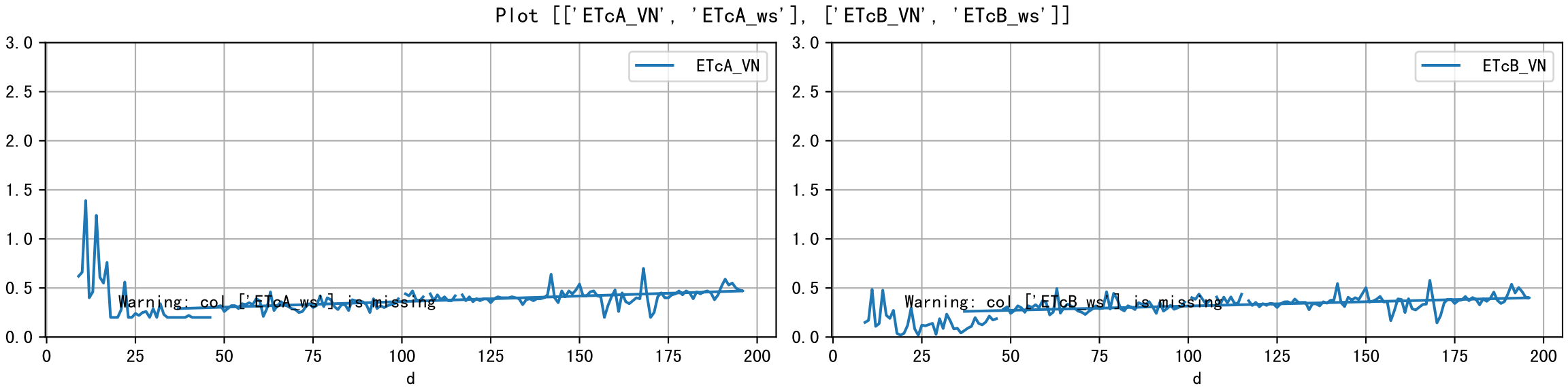

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

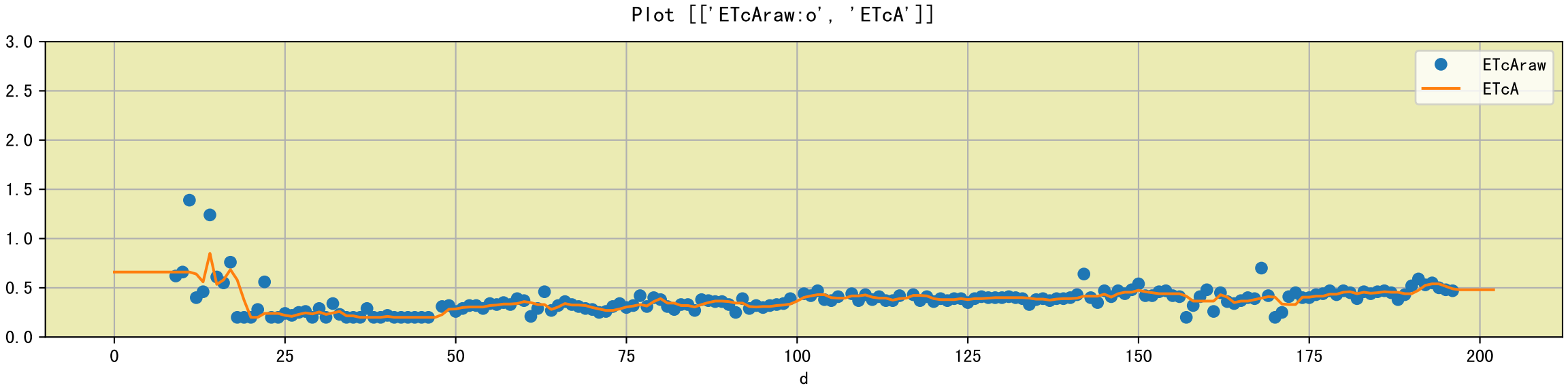

P1_0: M_E
32
30
28
30
20
10
0
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196

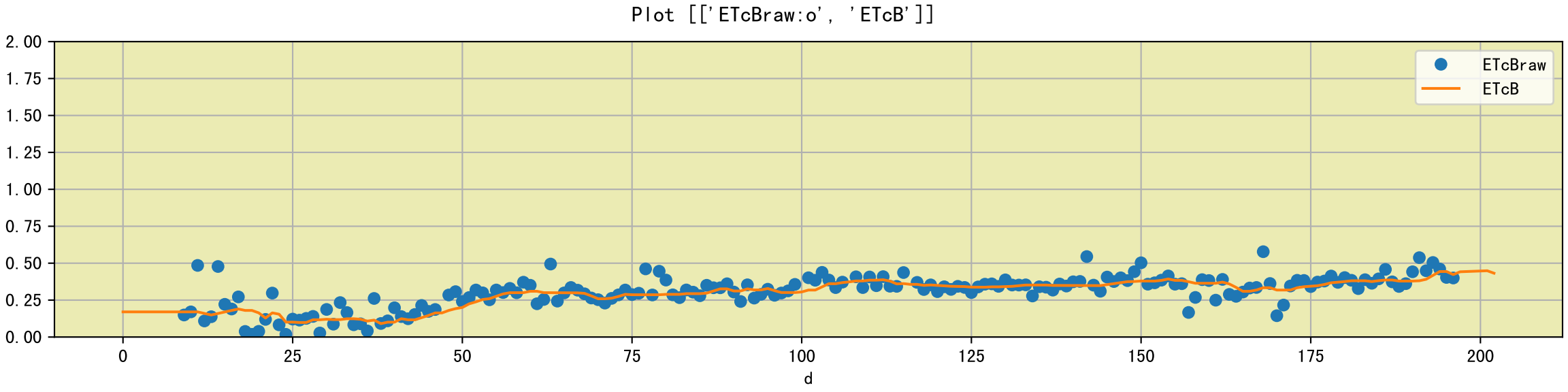

P1_O: M_W
30
25
30
20
10
0
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196

Plot Sensor and FgRec Data

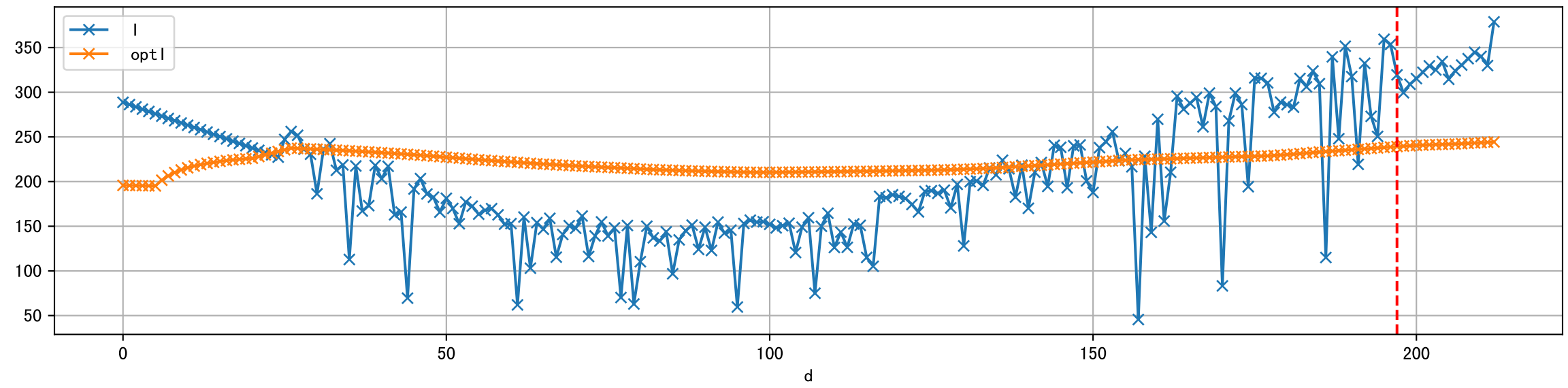

Plot preM vs WCperM
WCperM
250
200
150
100
50
0
28
29
30
31
32
33
34
preM

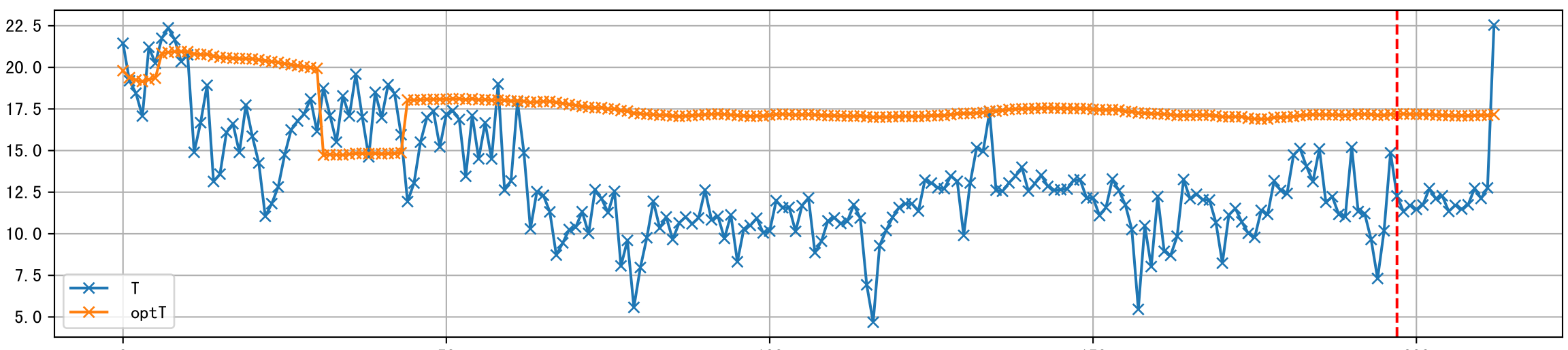

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d
d

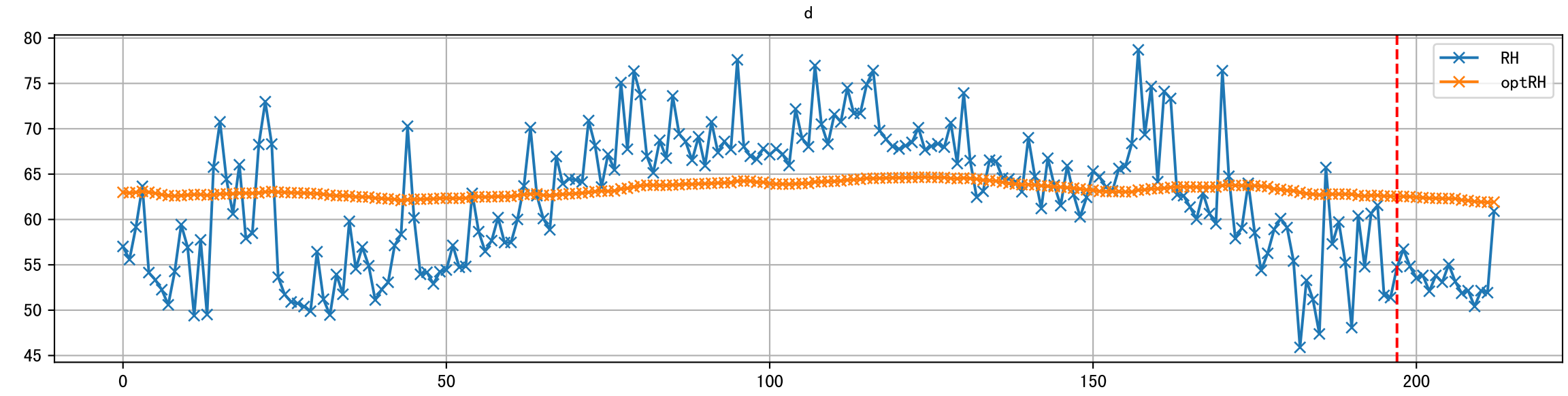

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
200
d
ETcAraw
ETcA

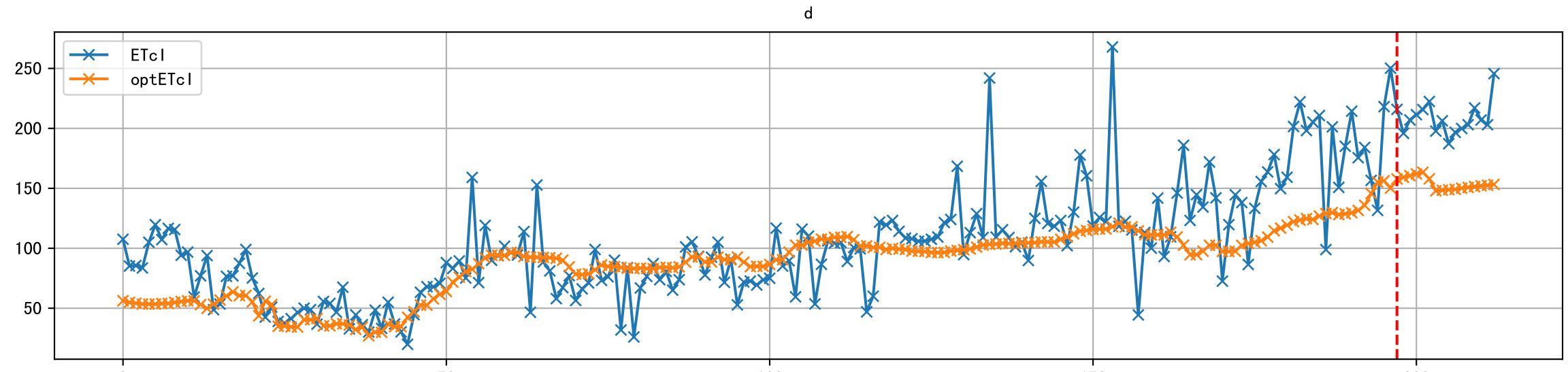

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
200
d
ETcBraw
ETcB

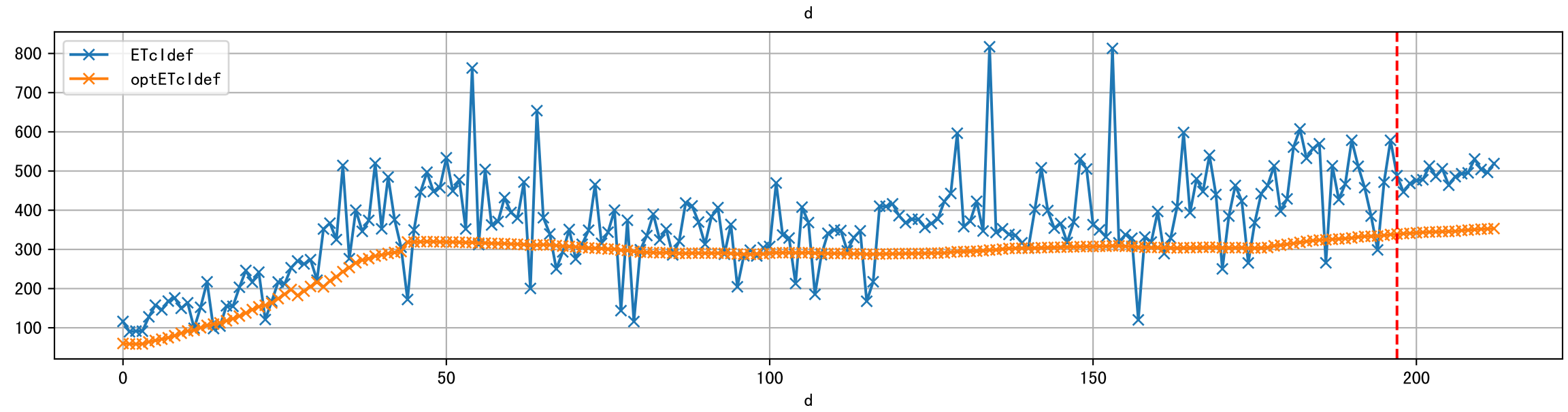
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo1', 'optETo1'], 'LAI', ['optEtRate', 'optEtRateDef', '

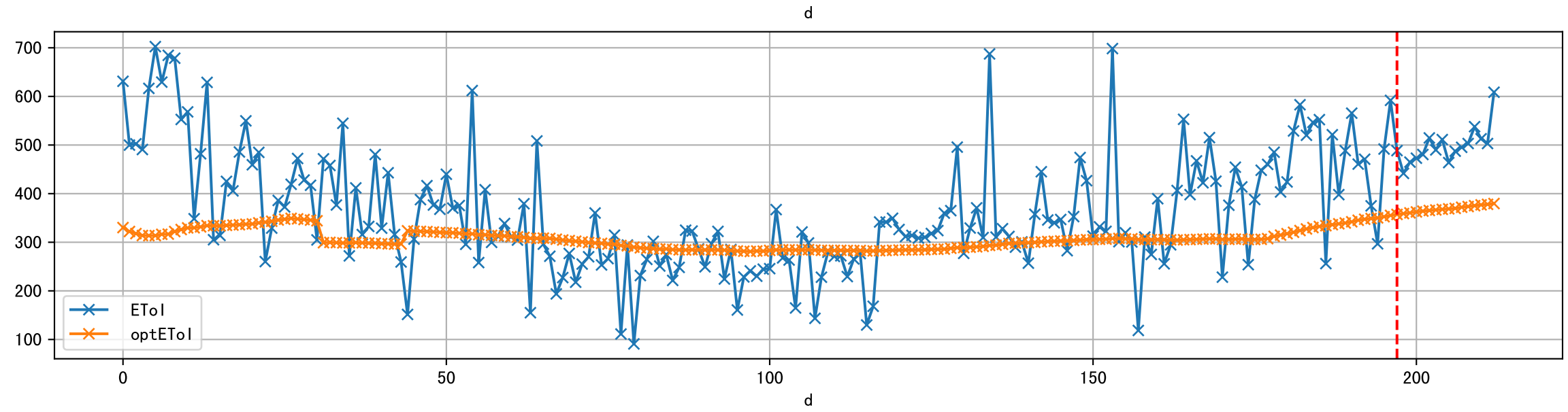


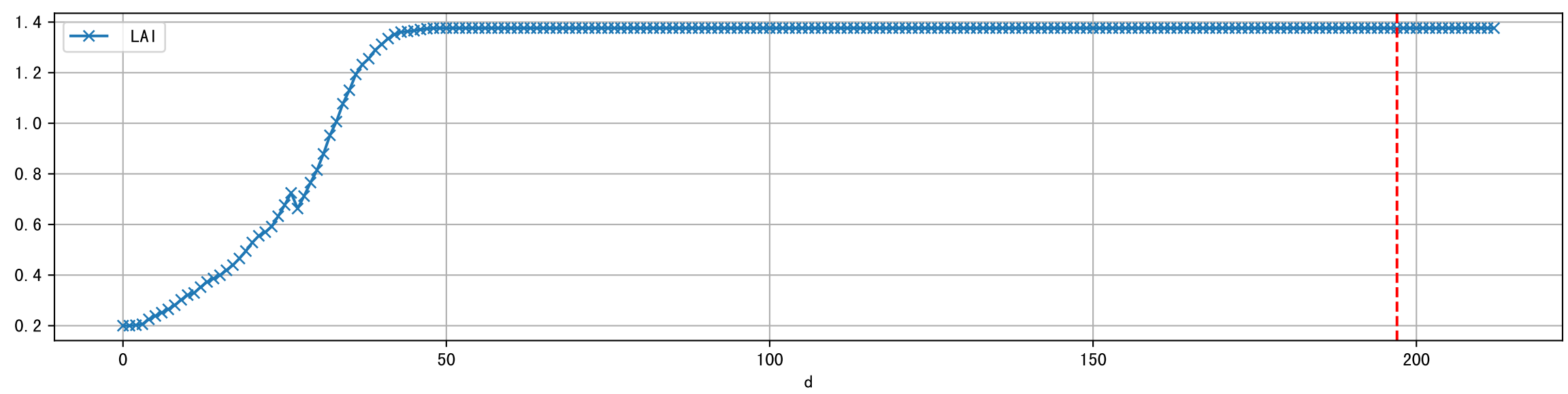


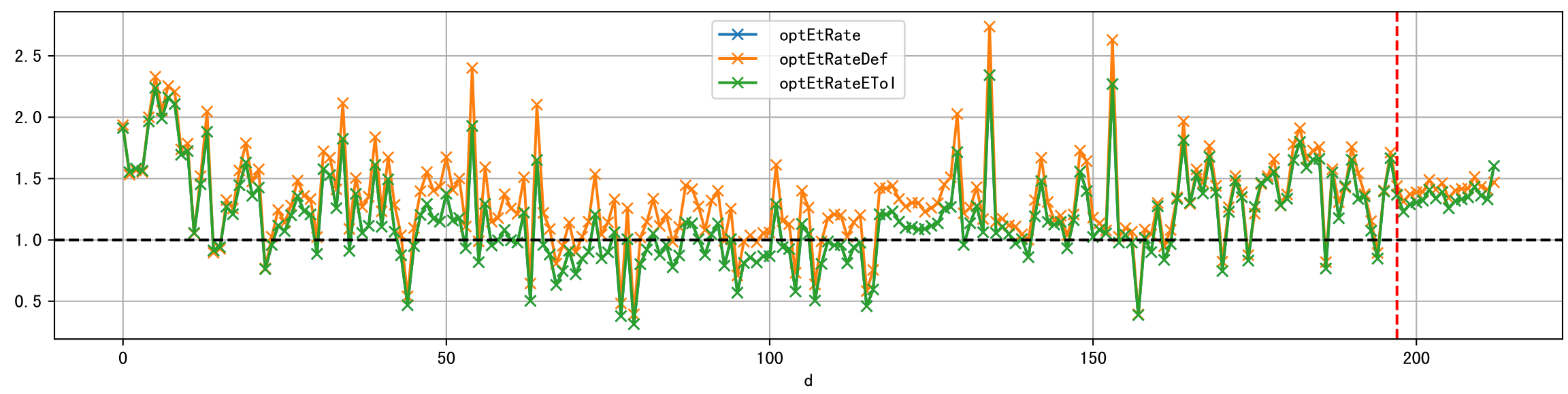


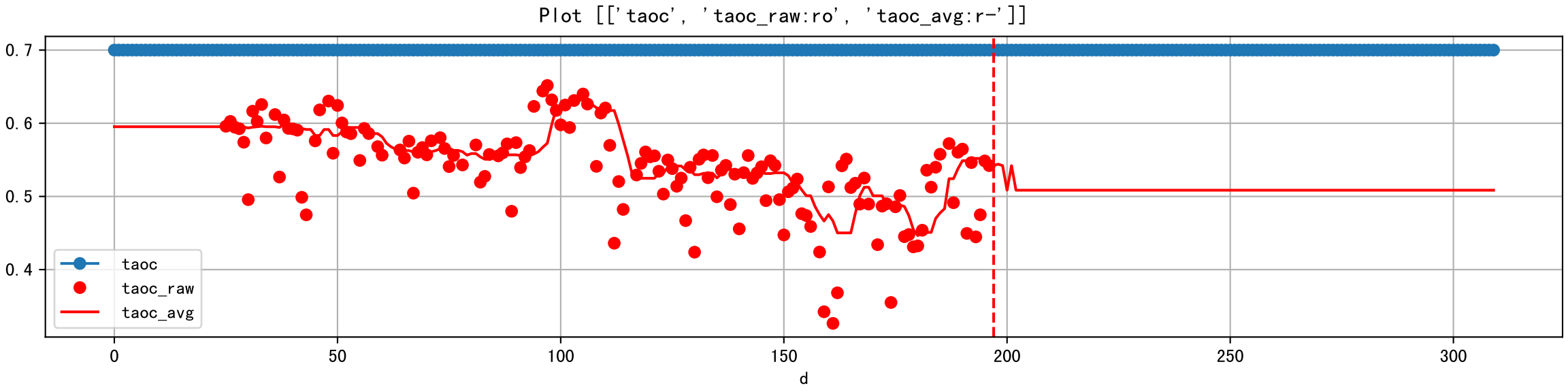


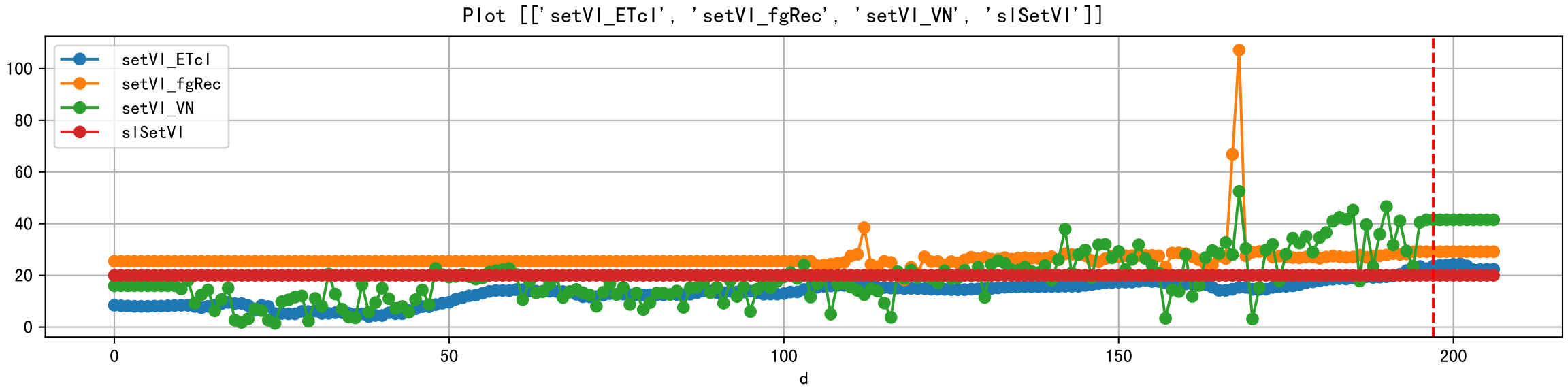


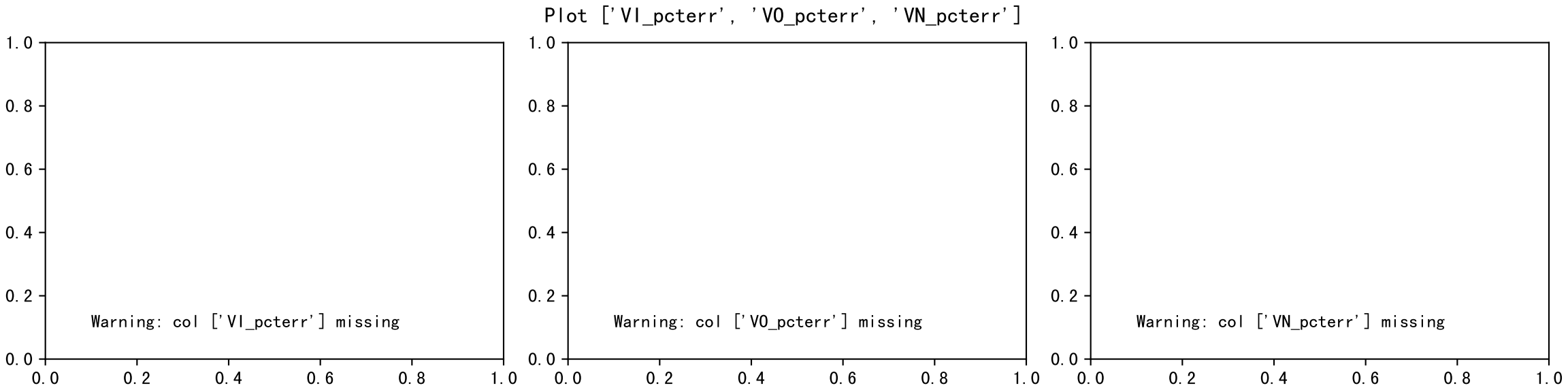


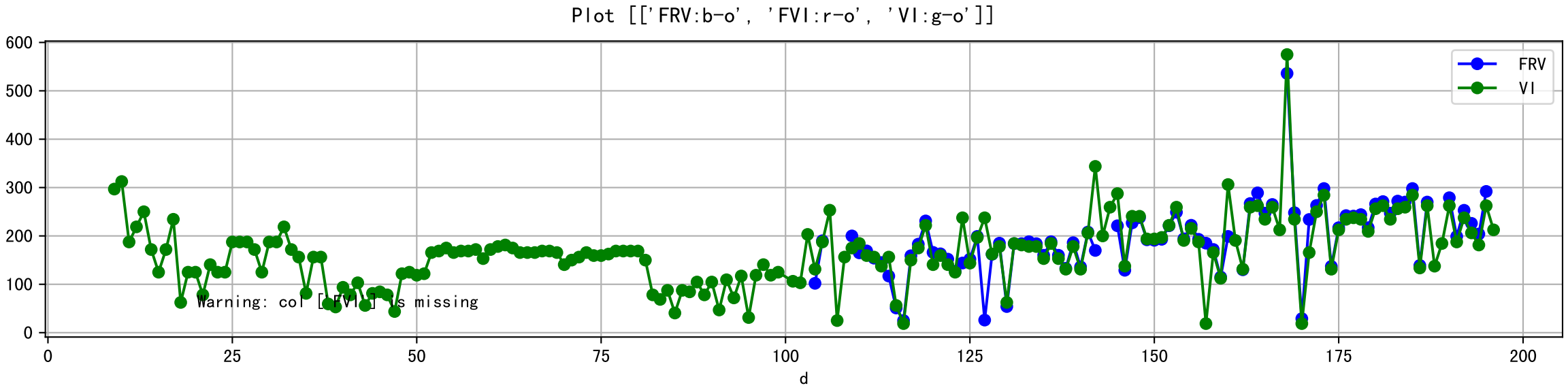


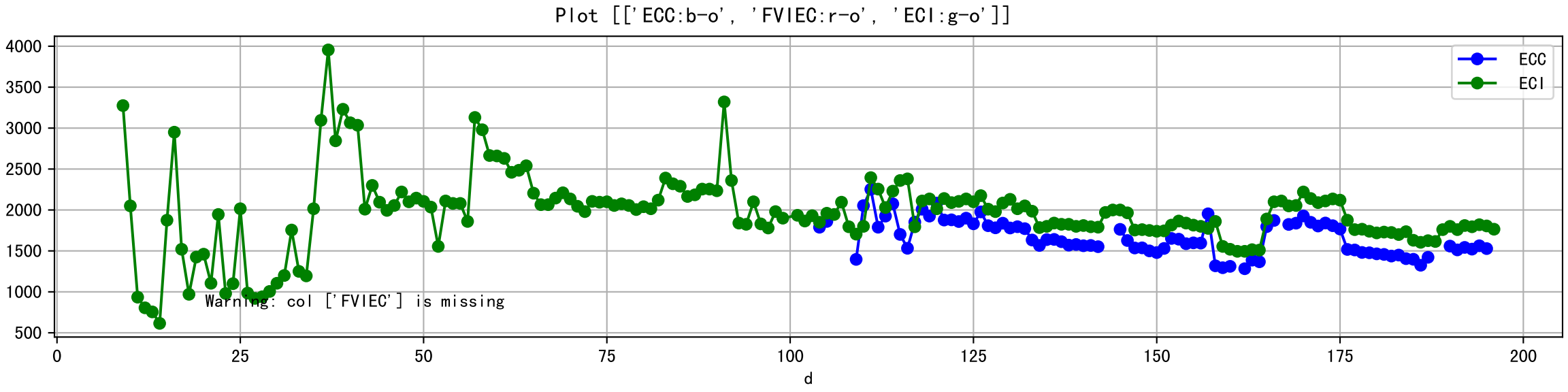


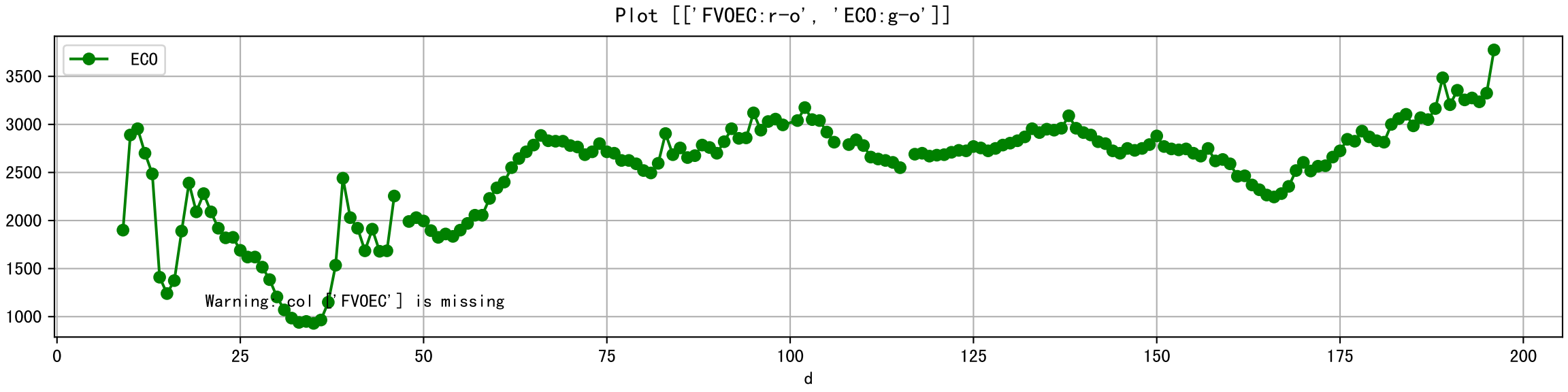

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

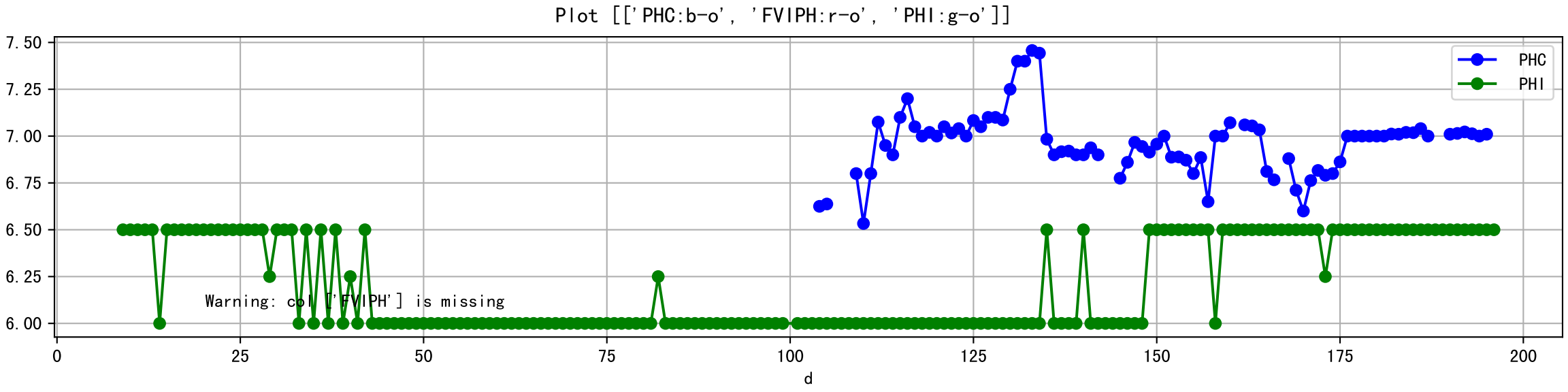

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
20
40
60
80
100
0
50
100
150
200
d

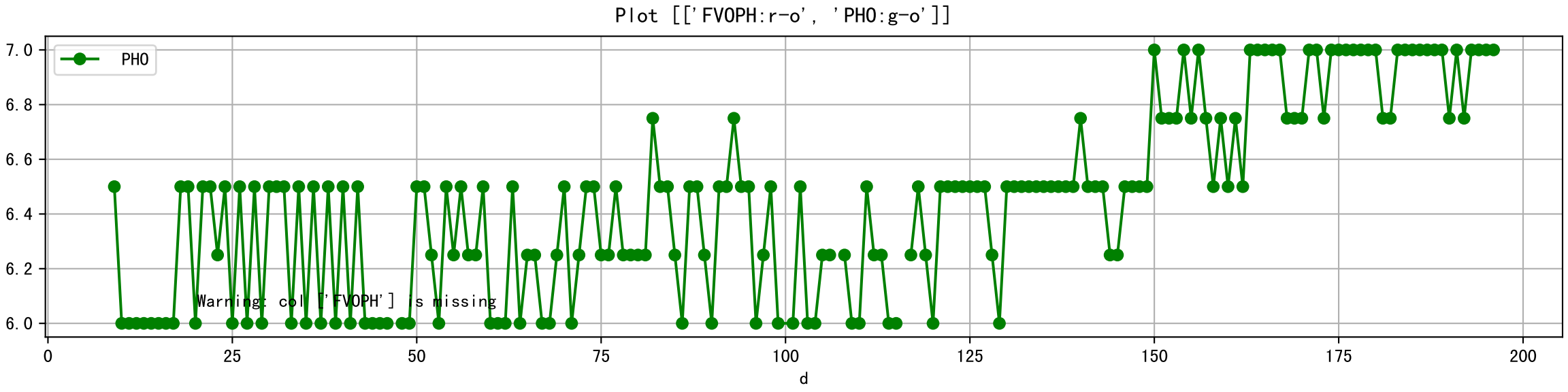

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

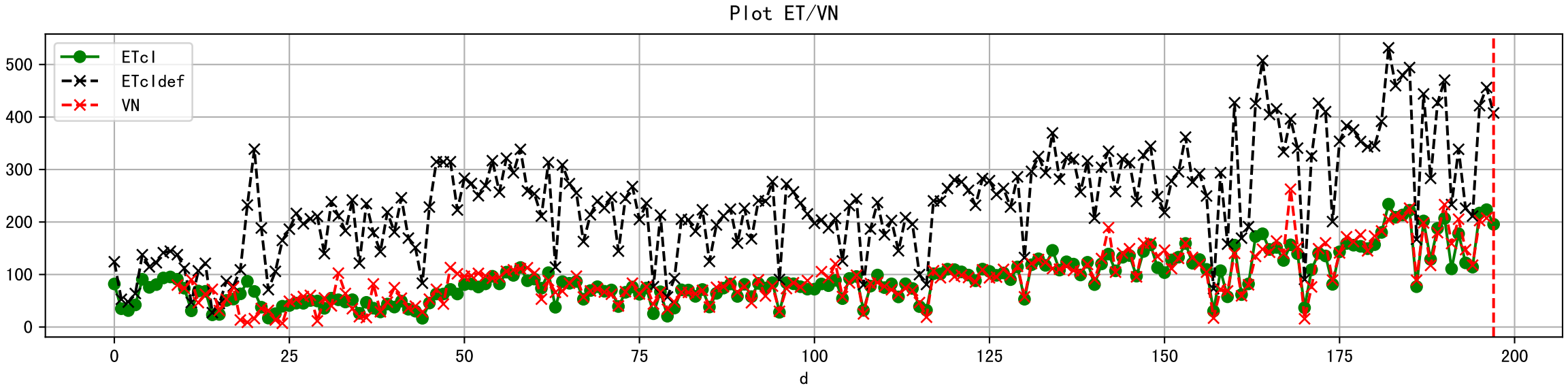

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col [FVI] is missing
d
0
25
50
75
100
125
150
175
200
0
100
200
300
400
500
600

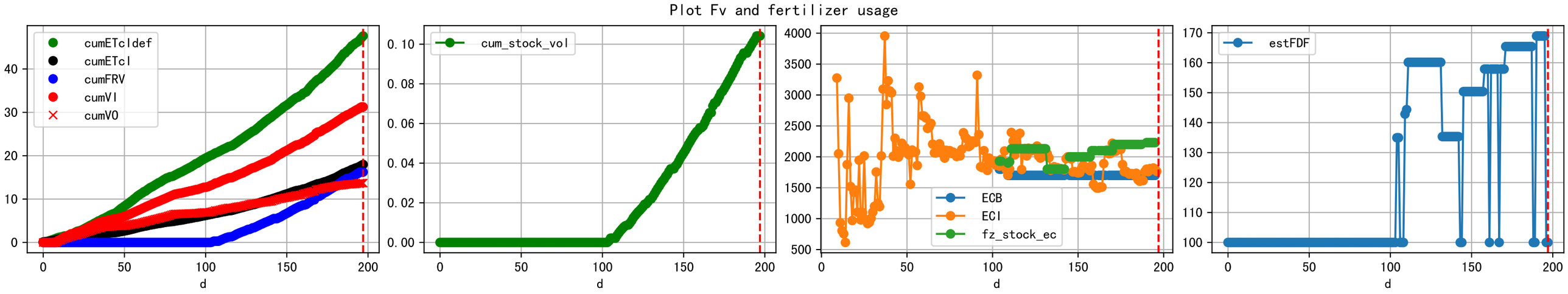

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
4000
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
200
d

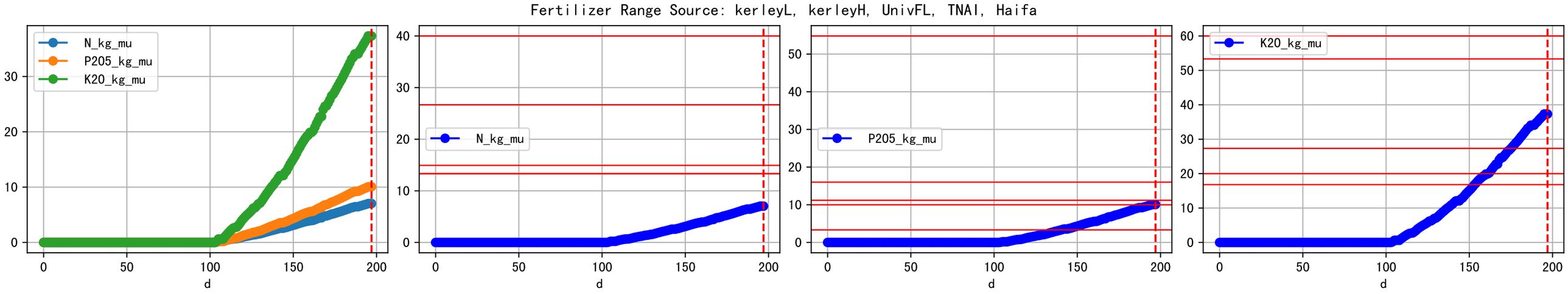

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
0
25
50
75
100
125
150
175
200
d

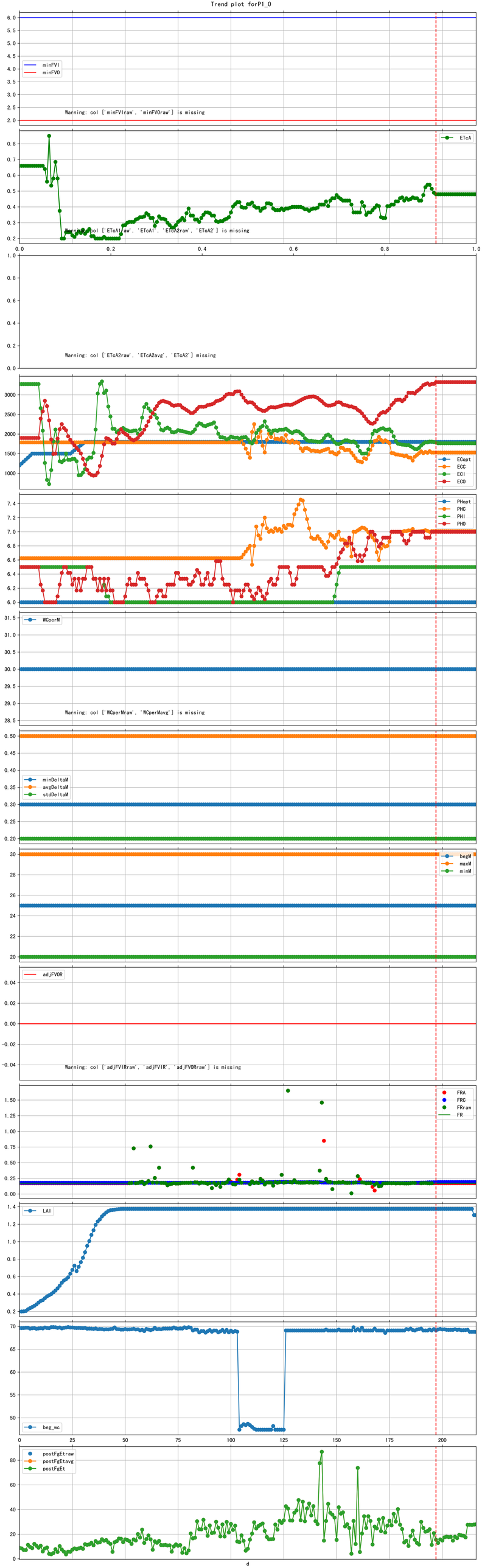

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.50
7.25
7.00
6.75
6.50
6.25
6.00
0
25
50
75
100
125
150
175
200
d

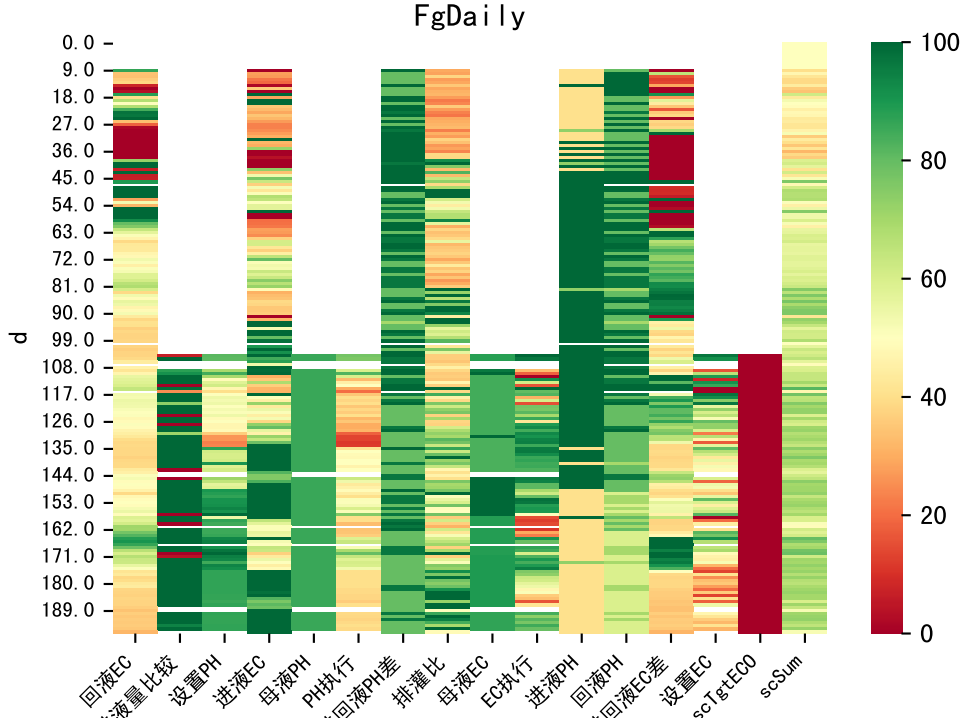

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
25
50
75
100
125
150
175
200
d


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

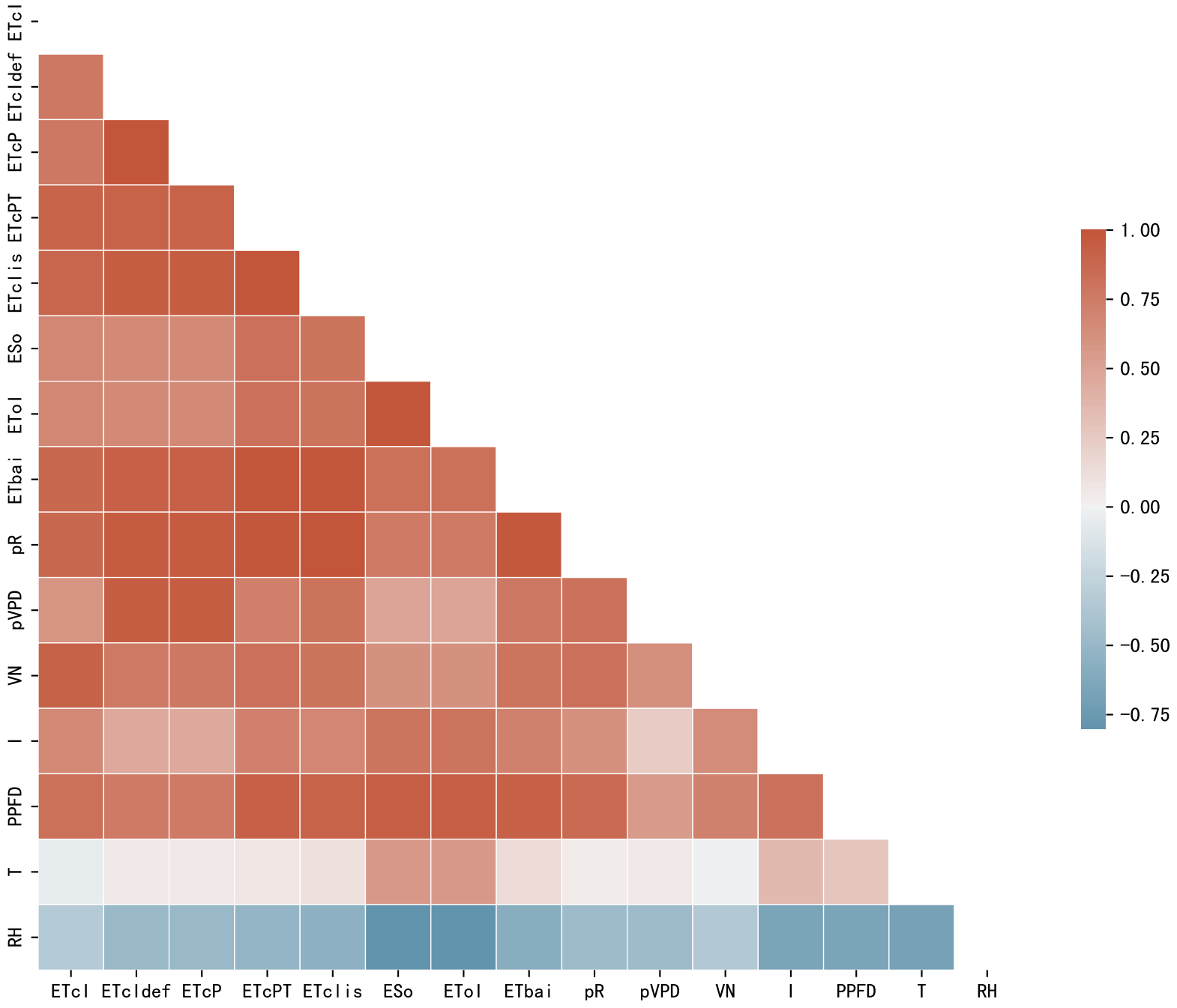

Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
cum_stock_vol
ECB
ECI
fz_stock_ec
estFDF
d
d
d
d

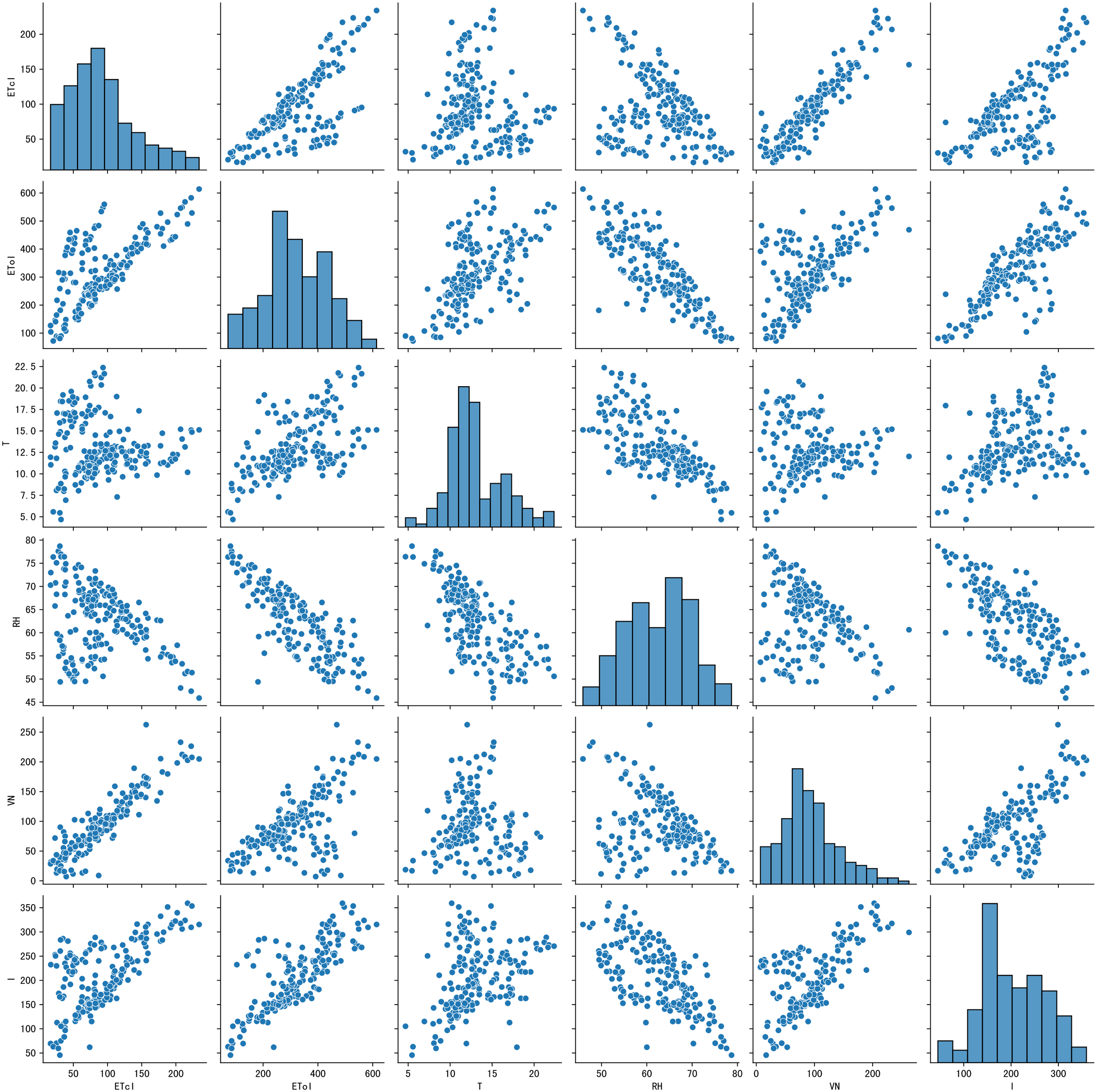

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

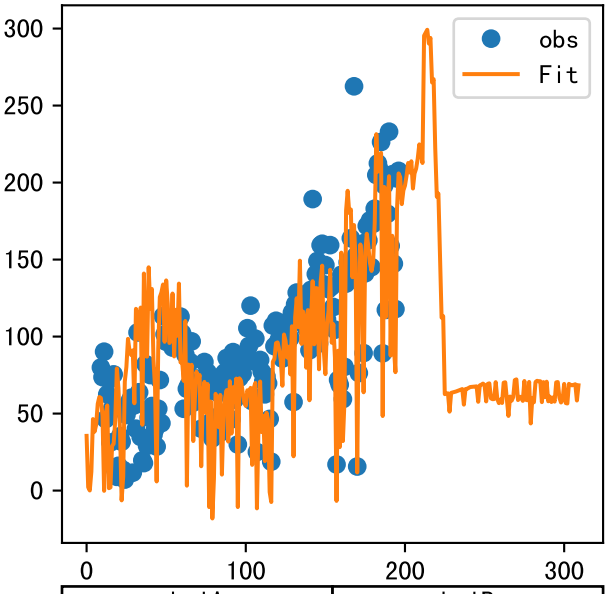

Trend plot forP1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing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

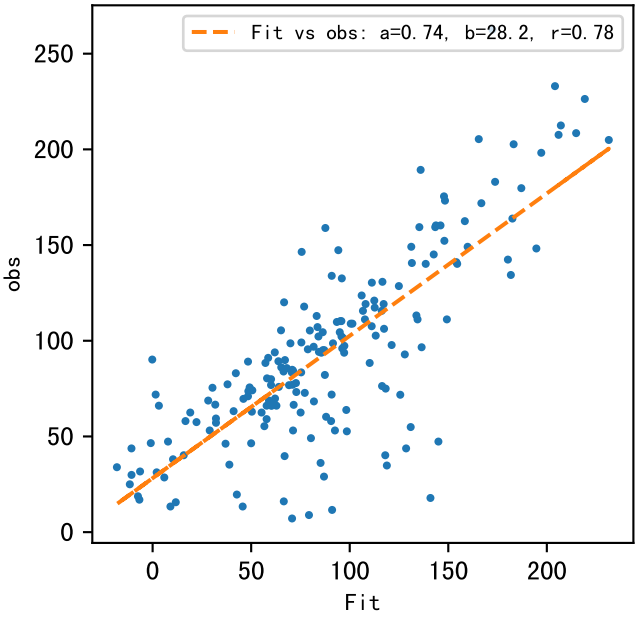

FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
189.0
回液EC
进液量比较
设置PH
进液EC
母液PH
PH执行
回液PH差
排灌比
母液EC
EC执行
进液PH
回液PH
回液EC差
设置EC
scTgtEC0
scSum
100
80
60
40
20
0

P1_0
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

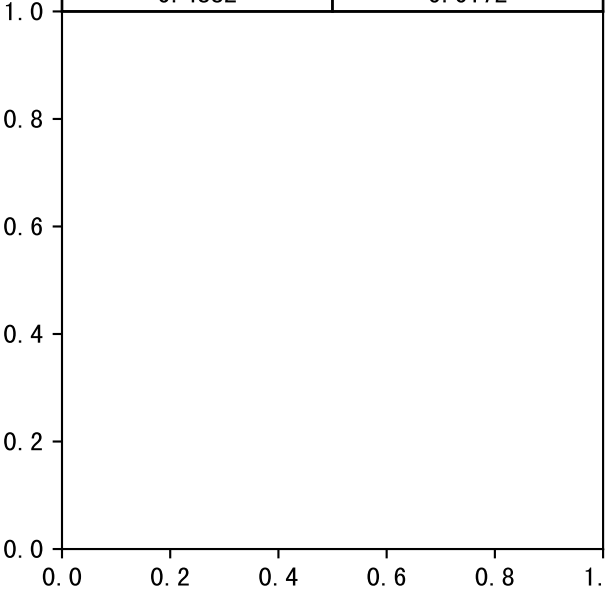

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

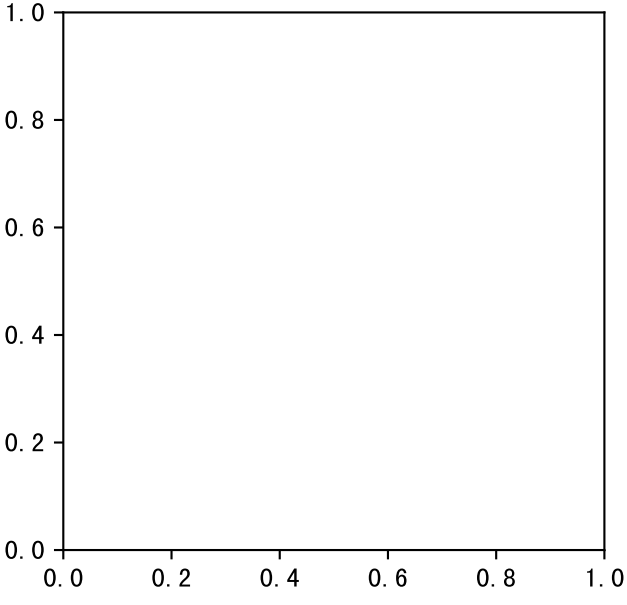

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

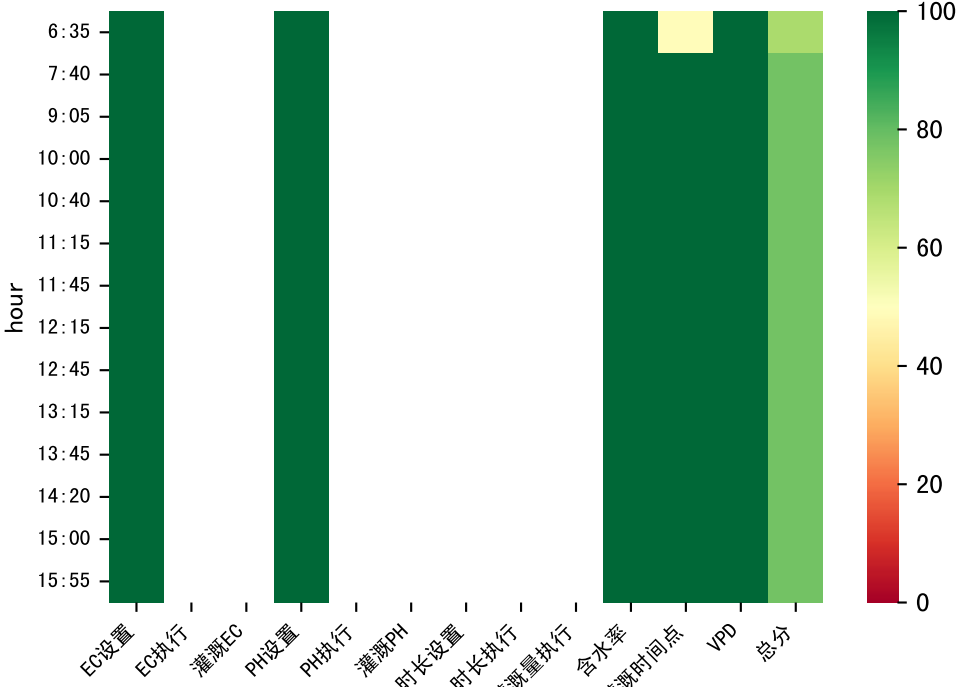




baiA	baiB
0.4882	0.0172

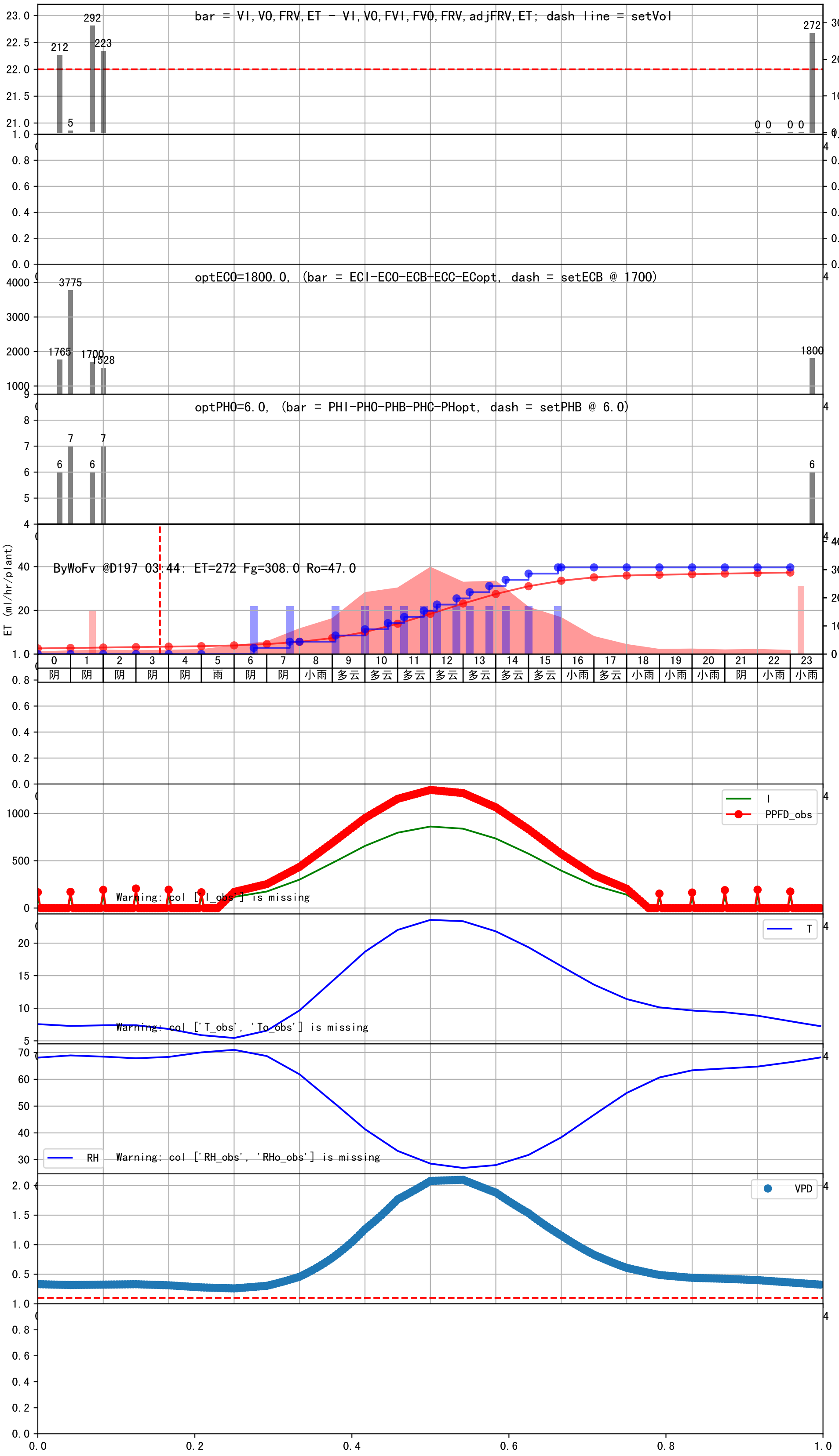


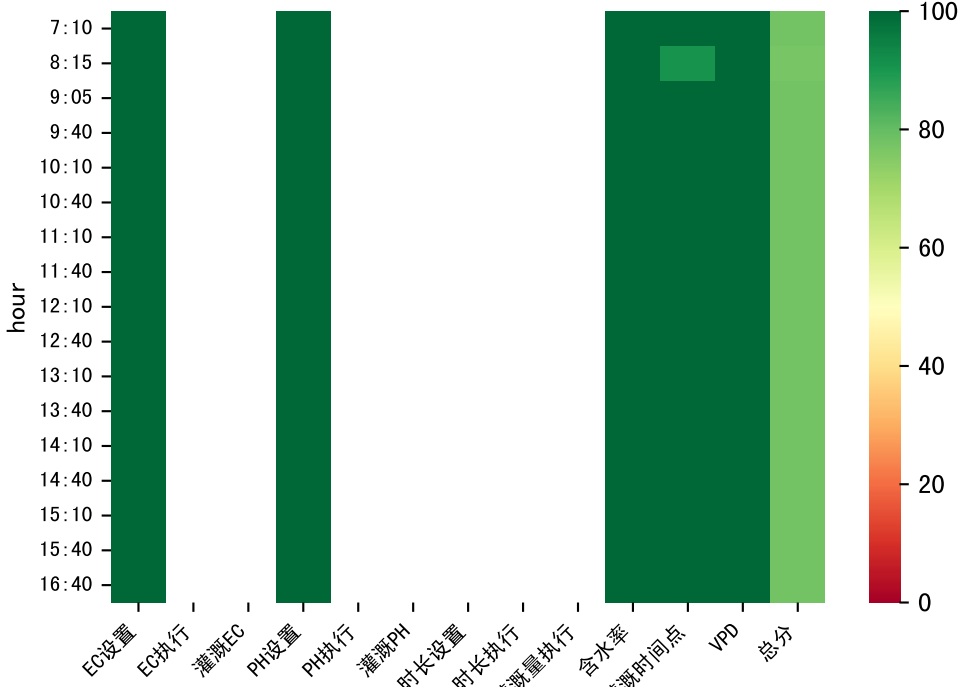



hour
6:35
7:40
9:05
10:00
10:40
11:15
11:45
12:15
12:45
13:15
13:45
14:20
15:00
15:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
06:35	129	22.0	0.485	阴	预期@06:35 自主（未用传感器）
07:40	129	22.0	0.485	阴	预期@07:40 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）
10:40	129	22.0	0.485	多云	预期@10:40 自主（未用传感器）
11:15	129	22.0	0.485	多云	预期@11:15 自主（未用传感器）
11:45	129	22.0	0.485	多云	预期@11:45 自主（未用传感器）
12:15	129	22.0	0.485	多云	预期@12:15 自主（未用传感器）
12:45	129	22.0	0.485	多云	预期@12:45 自主（未用传感器）
13:15	129	22.0	0.485	多云	预期@13:15 自主（未用传感器）
13:45	129	22.0	0.485	多云	预期@13:45 自主（未用传感器）
14:20	129	22.0	0.485	多云	预期@14:20 自主（未用传感器）
15:00	129	22.0	0.485	多云	预期@15:00 自主（未用传感器）
15:55	129	22.0	0.485	多云	预期@15:55 自主（未用传感器）
总计	1806.0 (14次)	308.0			建议进液EC：1700， PH：6.0

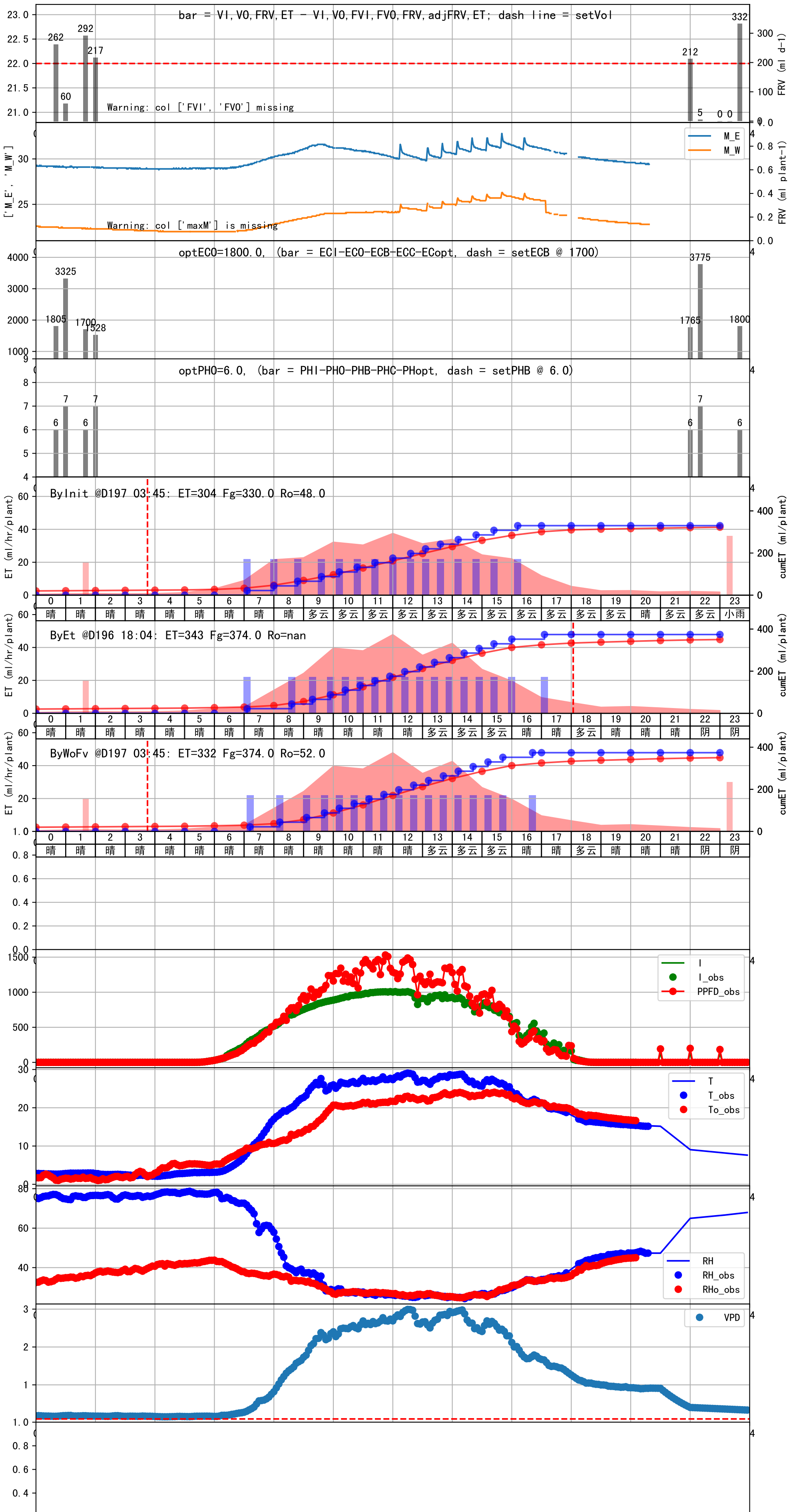
P1_0, Day=197 (2026-04-09)

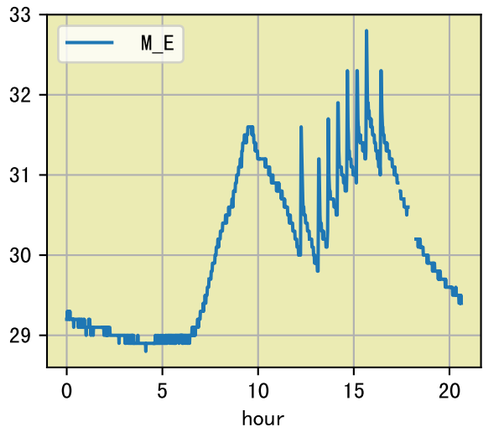


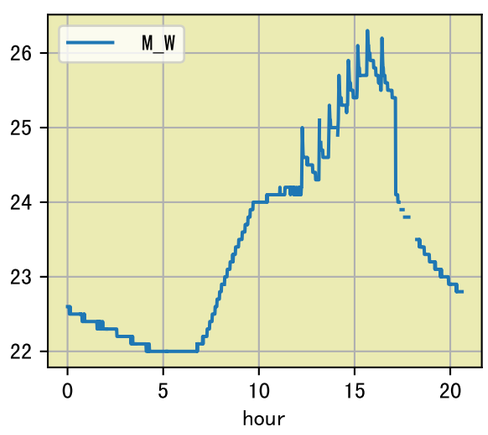

hour
7:10
8:15
9:05
9:40
10:10
10:40
11:10
11:40
12:10
12:40
13:10
13:40
14:10
14:40
15:10
15:40
16:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

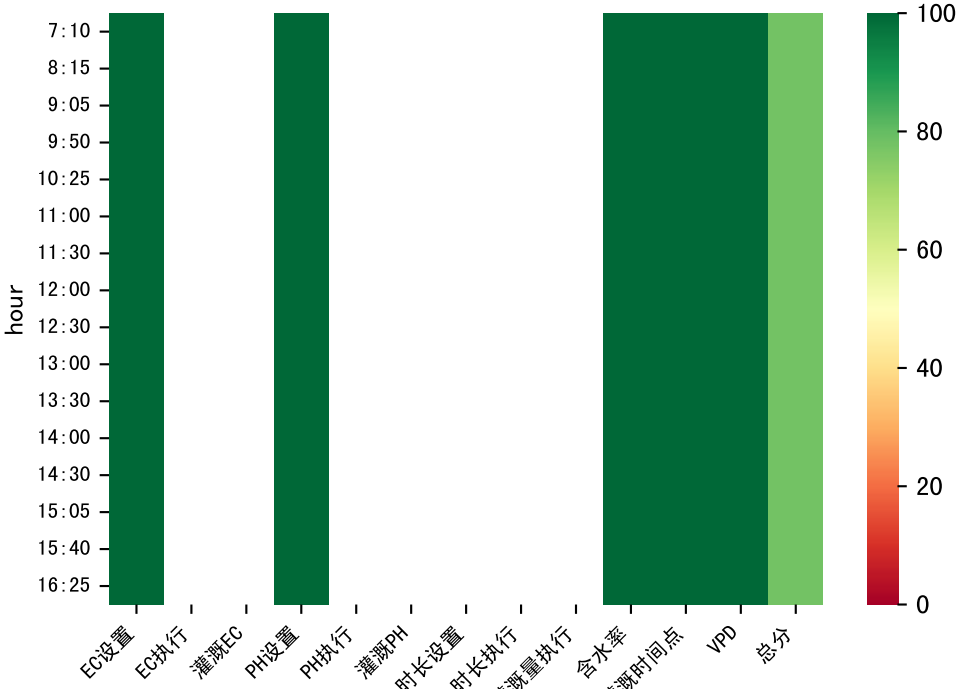
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	129	22.0	0.485	晴	假设@07:10 未知程序（未用传感器）
08:15	129	22.0	0.485	晴	假设@08:15 未知程序（未用传感器）
09:05	129	22.0	0.485	晴	假设@09:05 未知程序（未用传感器）
09:40	129	22.0	0.485	晴	假设@09:40 未知程序（未用传感器）
10:10	129	22.0	0.485	晴	假设@10:10 未知程序（未用传感器）
10:40	129	22.0	0.485	晴	假设@10:40 未知程序（未用传感器）
11:10	129	22.0	0.485	晴	假设@11:10 未知程序（未用传感器）
11:40	129	22.0	0.485	晴	假设@11:40 未知程序（未用传感器）
12:10	129	22.0	0.485	晴	假设@12:10 未知程序（未用传感器）
12:40	129	22.0	0.485	晴	假设@12:40 未知程序（未用传感器）
13:10	129	22.0	0.485	多云	假设@13:10 未知程序（未用传感器）
13:40	129	22.0	0.485	多云	假设@13:40 未知程序（未用传感器）
14:10	129	22.0	0.485	多云	假设@14:10 未知程序（未用传感器）
14:40	129	22.0	0.485	多云	假设@14:40 未知程序（未用传感器）
15:10	129	22.0	0.485	多云	假设@15:10 未知程序（未用传感器）
15:40	129	22.0	0.485	多云	假设@15:40 未知程序（未用传感器）
16:40	129	22.0	0.485	晴	假设@16:40 未知程序（未用传感器）
总计	2193.0 (17次)	374.0			建议进液EC：1700， PH：6.0

P1_0, Day=196 (2026-04-08)




M_E
33
32
31
30
29
0
5
10
15
20
hour

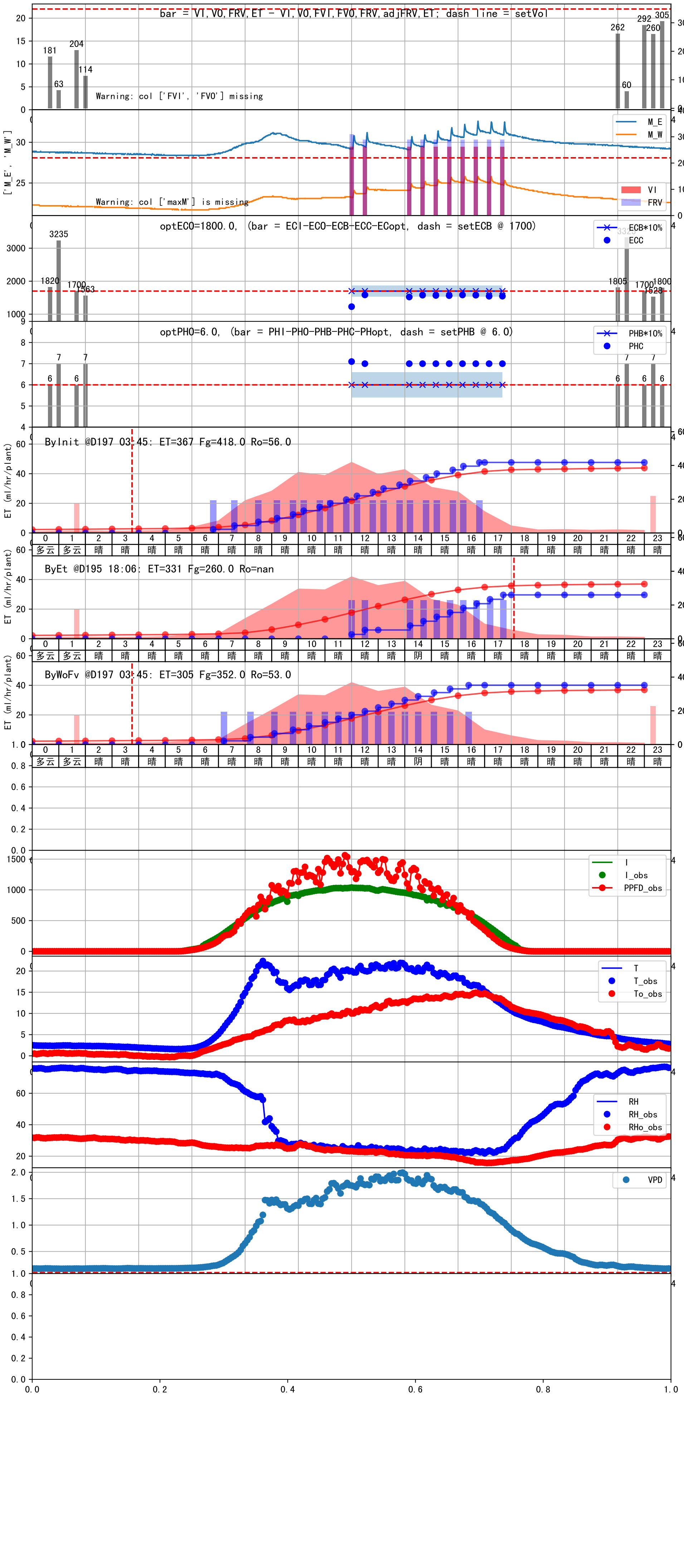

M_W
26
25
24
23
22
0
5
10
15
20
hour

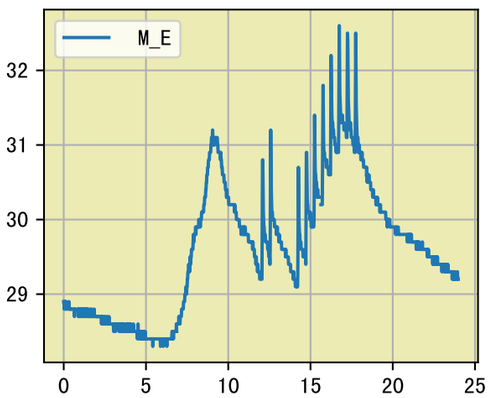

hour
7:10
8:15
9:05
9:50
10:25
11:00
11:30
12:00
12:30
13:00
13:30
14:00
14:30
15:05
15:40
16:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

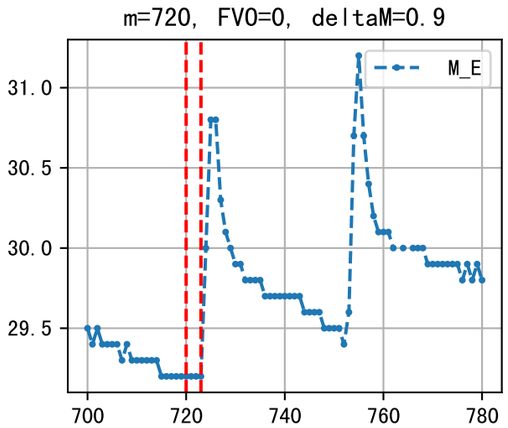
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	154	22.0	0.485	晴	假设@07:10 自动（未用传感器）
08:15	154	22.0	0.485	晴	假设@08:15 自动（未用传感器）
09:05	154	22.0	0.485	晴	假设@09:05 自动（未用传感器）
09:50	154	22.0	0.485	晴	假设@09:50 自动（未用传感器）
10:25	154	22.0	0.485	晴	假设@10:25 自动（未用传感器）
11:00	154	22.0	0.485	晴	假设@11:00 自动（未用传感器）
11:30	154	22.0	0.485	晴	假设@11:30 自动（未用传感器）
12:00	154	22.0	0.485	晴	假设@12:00 自动（未用传感器）
12:30	154	22.0	0.485	晴	假设@12:30 自动（未用传感器）
13:00	154	22.0	0.485	晴	假设@13:00 自动（未用传感器）
13:30	154	22.0	0.485	晴	假设@13:30 自动（未用传感器）
14:00	154	22.0	0.485	阴	假设@14:00 自动（未用传感器）
14:30	154	22.0	0.485	阴	假设@14:30 自动（未用传感器）
15:05	154	22.0	0.485	晴	假设@15:05 自动（未用传感器）
15:40	154	22.0	0.485	晴	假设@15:40 自动（未用传感器）
16:25	154	22.0	0.485	晴	假设@16:25 自动（未用传感器）
总计	2464.0 (16次)	352.0			建议进液EC：1700， PH：6.0

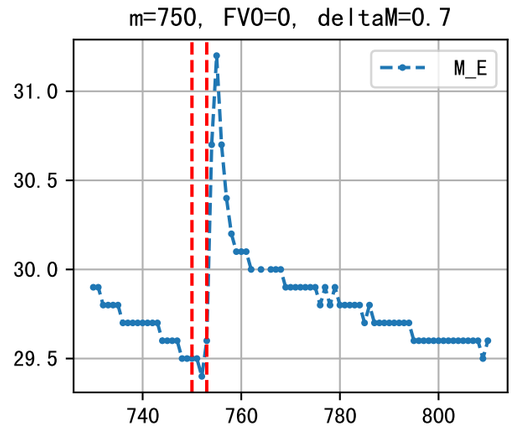
滴头平均流速偏小（0.19 vs def 0.5），请检查
上次灌溉时长(153)与预期(129.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉26.0 ml.

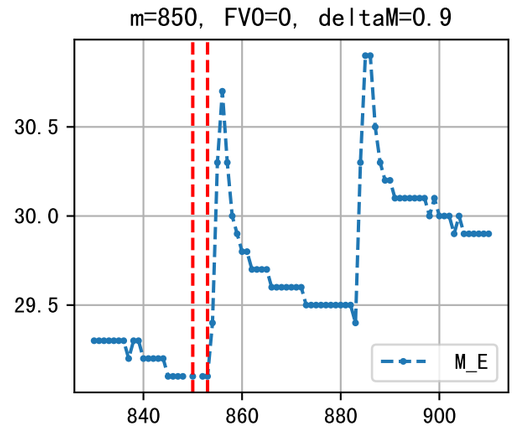
P1_0, Day=195.0 (2026-04-07)

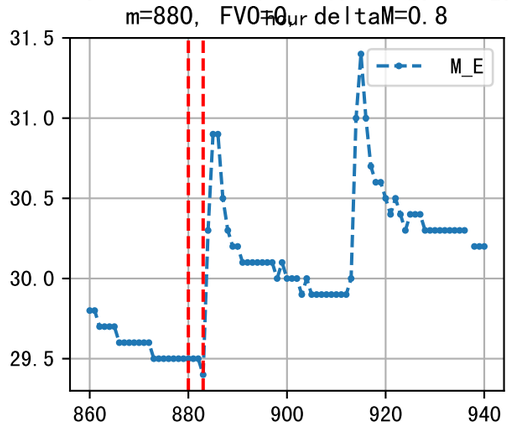


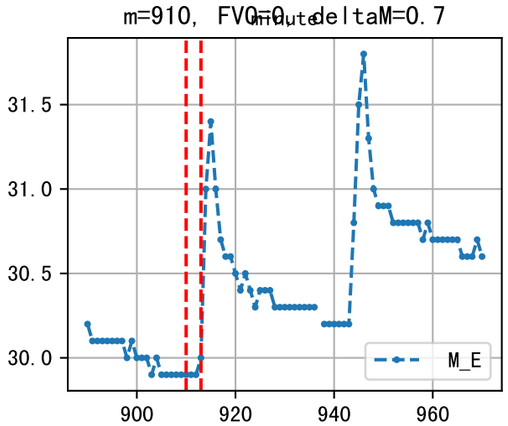

M_E

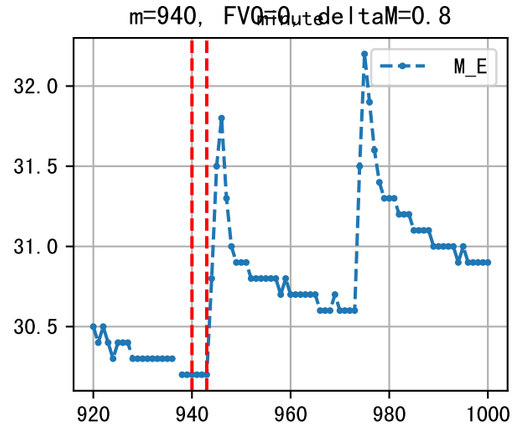

m=720, FV0=0, deltaM=0.9
M_E

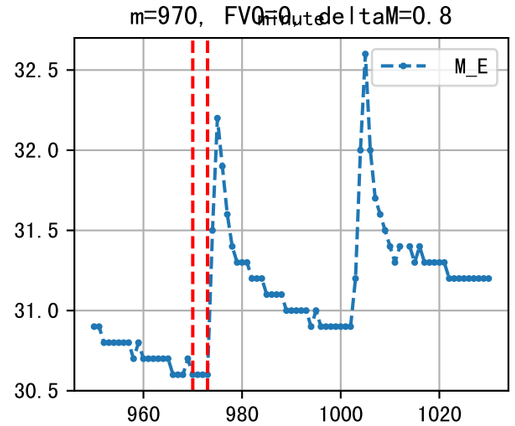

m=750, FV0=0, deltaM=0.7
M_E

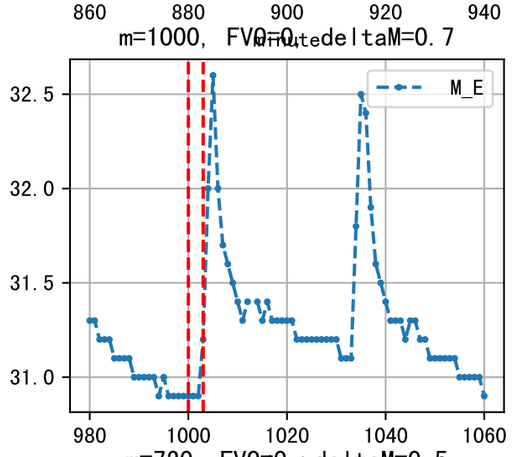

m=850, FV0=0, deltaM=0.9
M_E

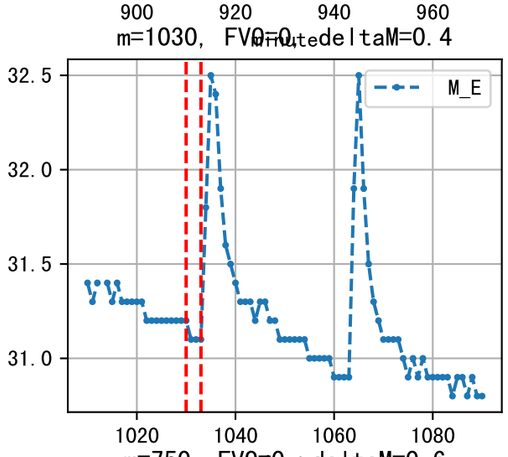

m=880, FV0=0, deltaM=0.8
M_E
Hour

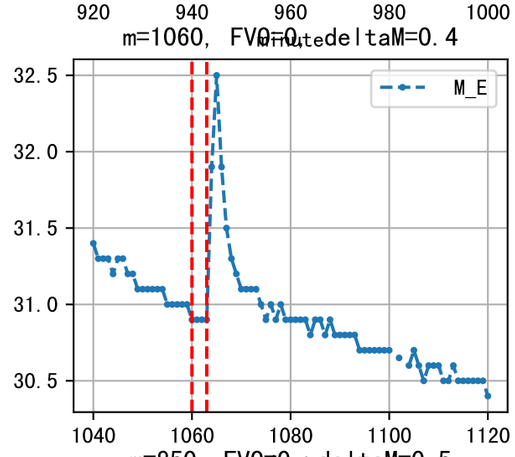

m=910, FV0=0, deltaM=0.7
M_E
minute

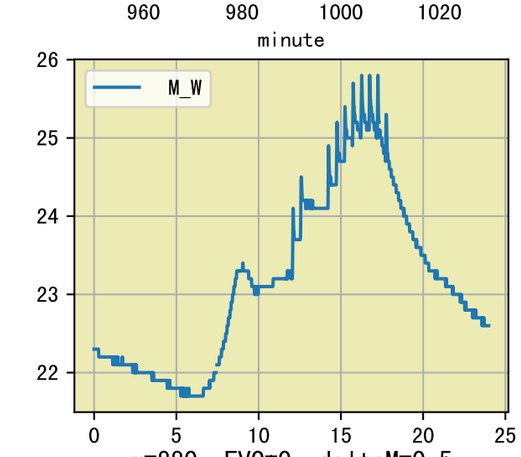

m=940, FV0=0, deltaM=0.8
M_E
minute


m=970, FV0=0, deltaM=0.8
M_E
minute


m=1000, FV0=0, deltaM=0.7
M_E
minute


m=1030, FV0=0, deltaM=0.4
M_E
minute


m=1060, FV0=0, deltaM=0.4
M_E
minute

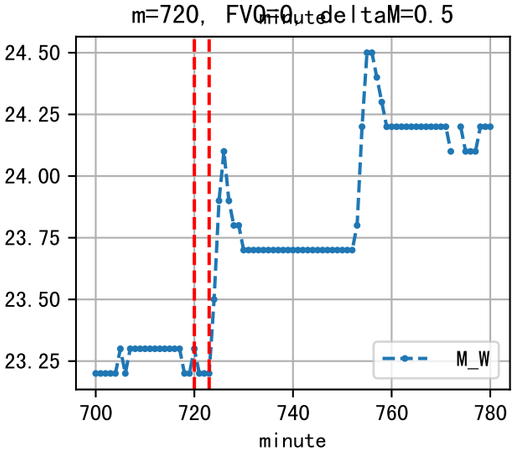

M_E
minute

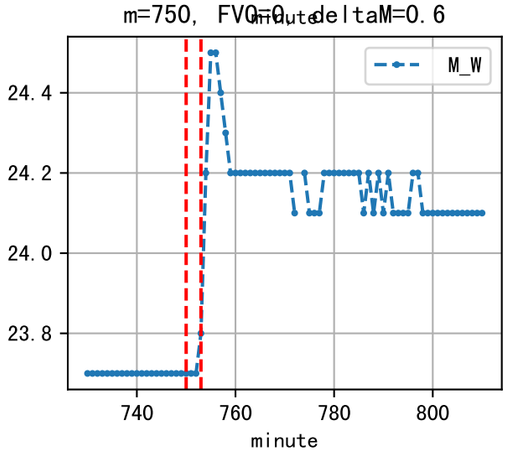
m=720, FV0=0, deltaM=0.5
M_E
minute

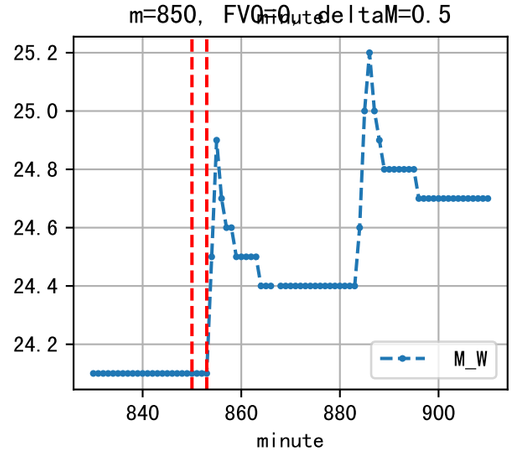
m=750, FV0=0, deltaM=0.6
M_E
minute

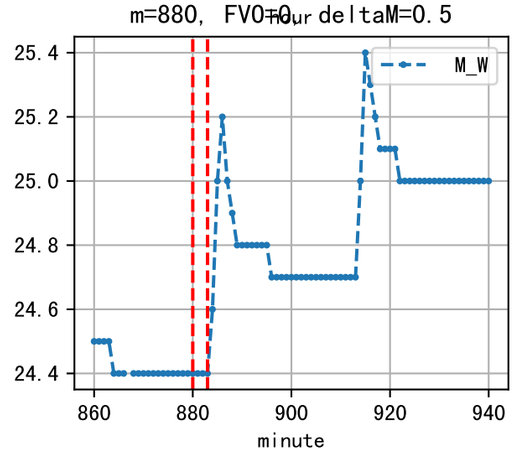
m=850, FV0=0, deltaM=0.5
M_E
minute

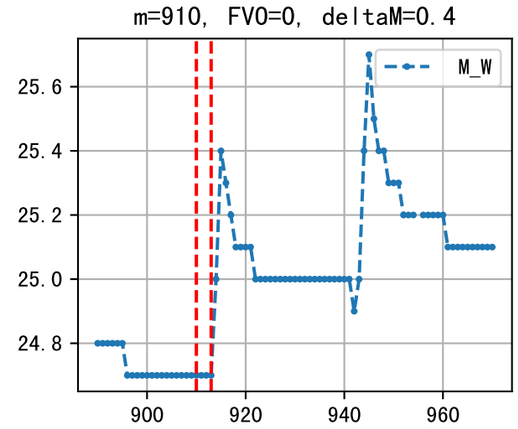
M_W

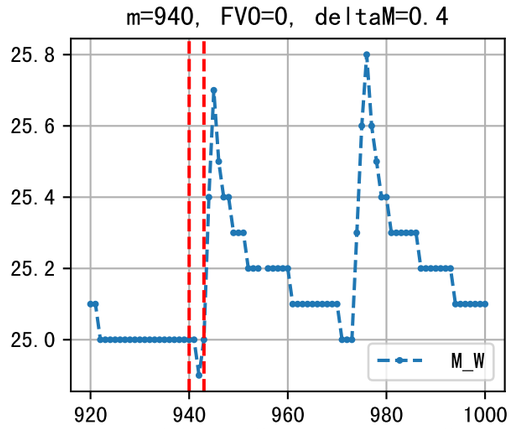

m=880, FV0=0, deltaM=0.5
M_W
Hour

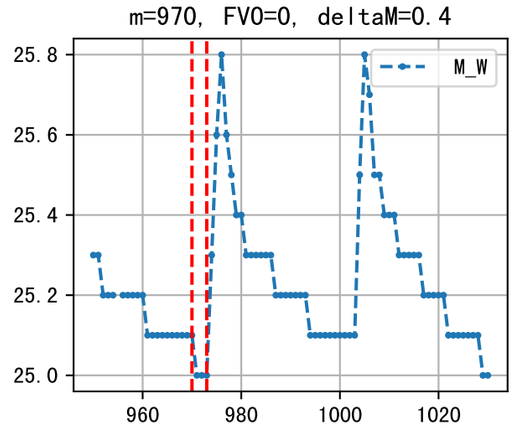

M_W
minute

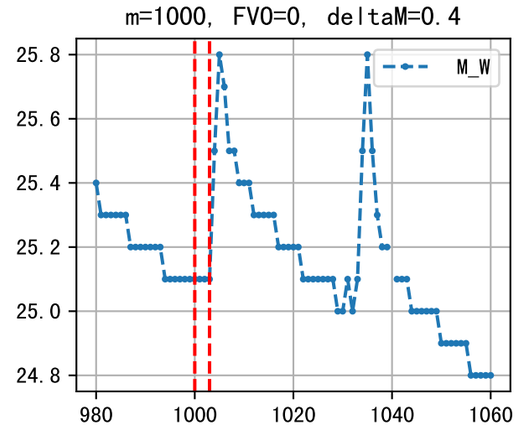

M_W
minute

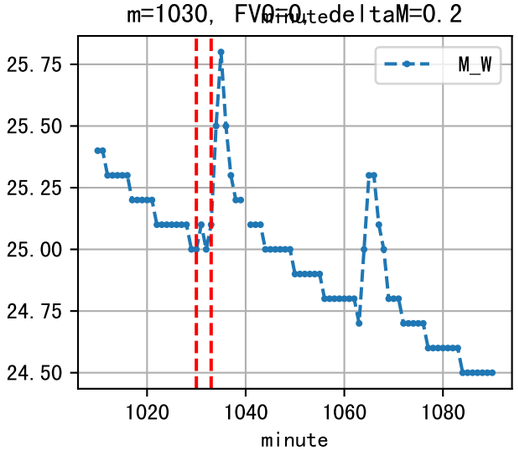

M_W
minute

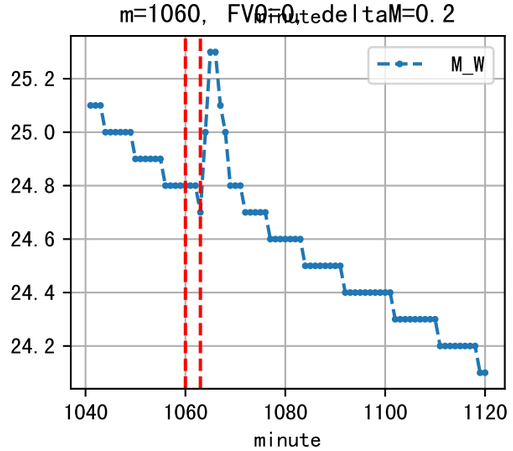

m=910, FV0=0, deltaM=0.4
M_W
25.6
25.4
25.2
25.0
24.8
900
920
940
960

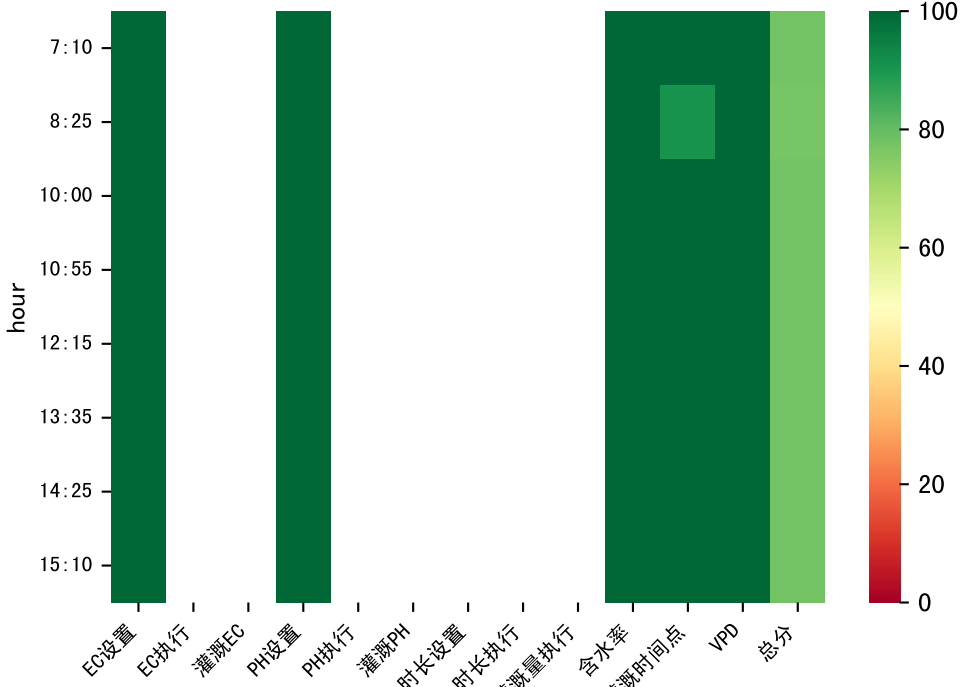

m=940, FV0=0, deltaM=0.4
M_W
25.8
25.6
25.4
25.2
25.0
920
940
960
980
1000


m=970, FV0=0, deltaM=0.4
M_W
25.8
25.6
25.4
25.2
25.0
960
980
1000
1020
minute


m=1000, FV0=0, deltaM=0.4
M_W
25.8
25.6
25.4
25.2
25.0
24.8
980
1000
1020
1040
1060
minute


m=1030, FV0=0, deltaM=0.2
M_W
25.75
25.50
25.25
25.00
24.75
24.50
1020
1040
1060
1080
minute

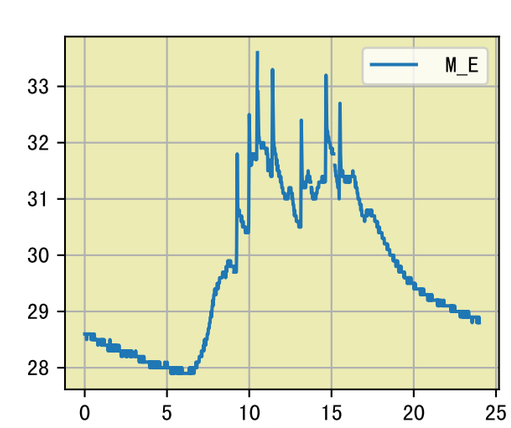

m=1060, FV0=0, deltaM=0.2
M_W
25.2
25.0
24.8
24.6
24.4
24.2
1040
1060
1080
1100
1120
minute

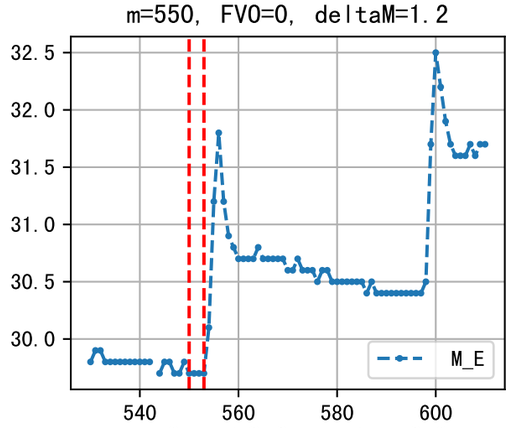

hour
7:10
8:25
10:00
10:55
12:15
13:35
14:25
15:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

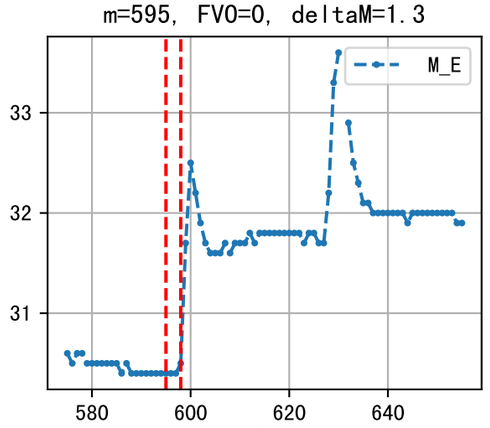
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	153	22.0	0.485	多云	假设@07:10 自动（未用传感器）
08:25	153	22.0	0.485	晴	假设@08:25 自动（未用传感器）
10:00	153	22.0	0.485	晴	假设@10:00 自动（未用传感器）
10:55	153	22.0	0.485	晴	假设@10:55 自动（未用传感器）
12:15	153	22.0	0.485	晴	假设@12:15 自动（未用传感器）
13:35	153	22.0	0.485	晴	假设@13:35 自动（未用传感器）
14:25	153	22.0	0.485	多云	假设@14:25 自动（未用传感器）
15:10	153	22.0	0.485	阴	假设@15:10 自动（未用传感器）
总计	1224.0 (8次)	176.0			建议进液EC：1700， PH：6.0

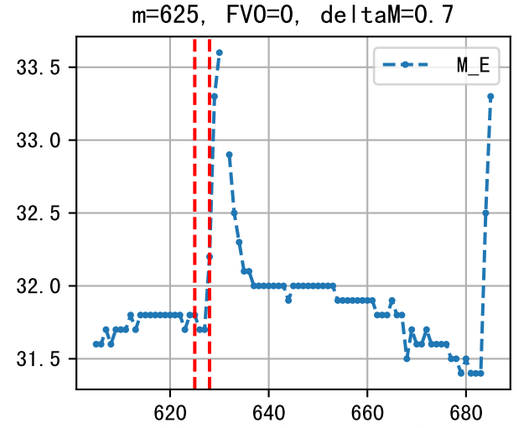
滴头平均流速偏小（0.19 vs def 0.5），请检查
上次灌溉时长(152)与预期(129.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉26.0 ml.

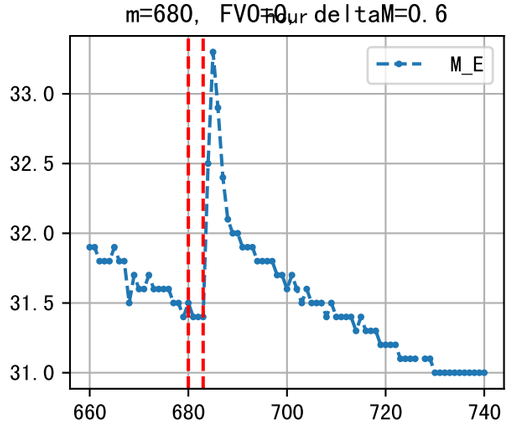
P1_0, Day=194.0 (2026-04-06)

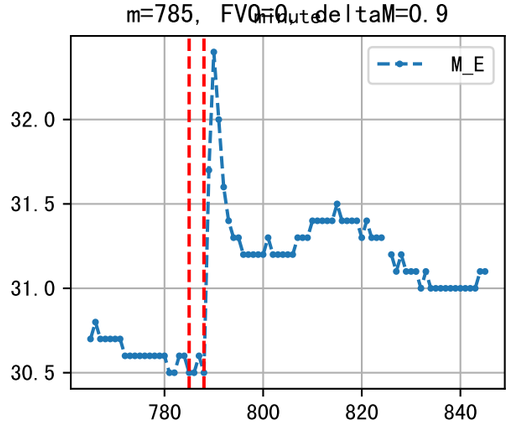

M_E
33
32
31
30
29
28
0
5
10
15
20
25

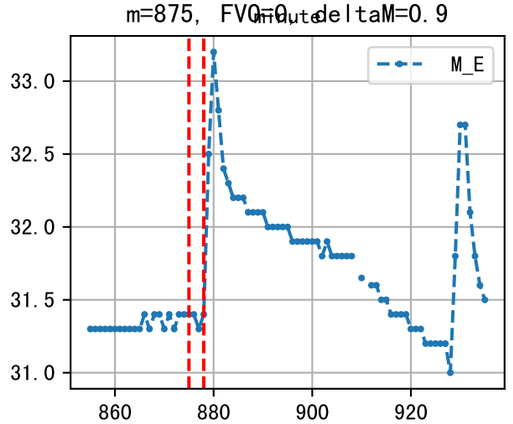

m=550, FVO=0, deltaM=1.2
M_E
32.5
32.0
31.5
31.0
30.5
30.0
540
560
580
600

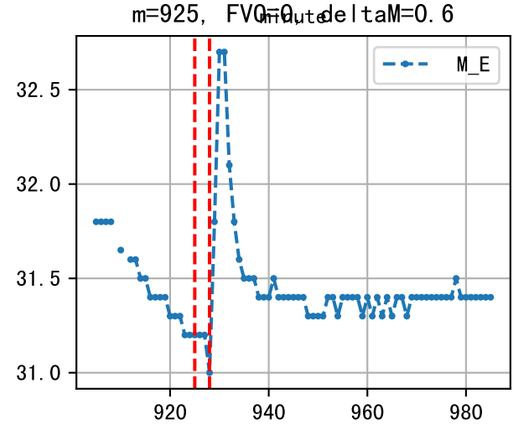

m=595, FVO=0, deltaM=1.3
M_E
33
32
31
580
600
620
640

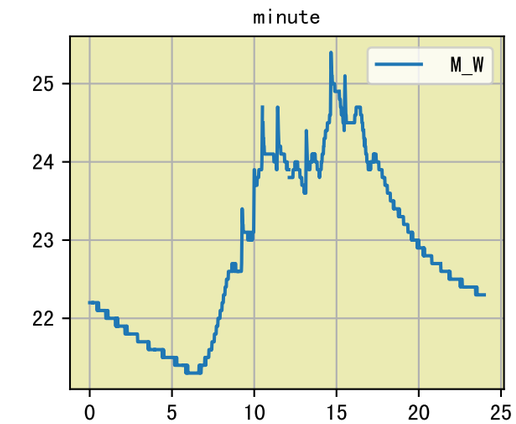

m=625, FVO=0, deltaM=0.7
M_E
33.5
33.0
32.5
32.0
31.5
620
640
660
680

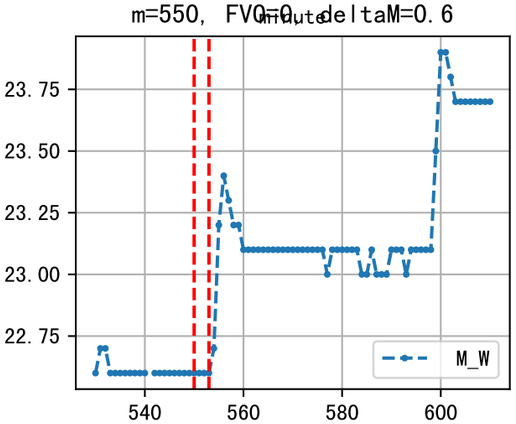

m=680, FVO=0, deltaM=0.6
M_E
33.0
32.5
32.0
31.5
31.0
660
680
700
720
740
minute

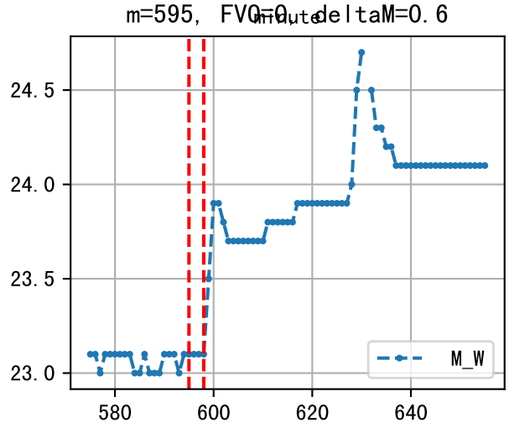

m=785, FVO=0, deltaM=0.9
M_E
32.0
31.5
31.0
30.5
780
800
820
840

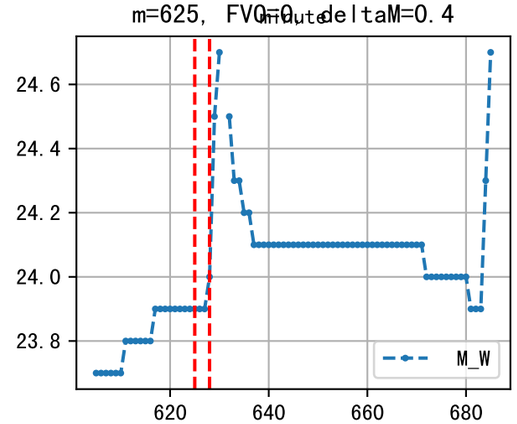

m=875, FVO=0, deltaM=0.9
M_E
33.0
32.5
32.0
31.5
31.0
860
880
900
920

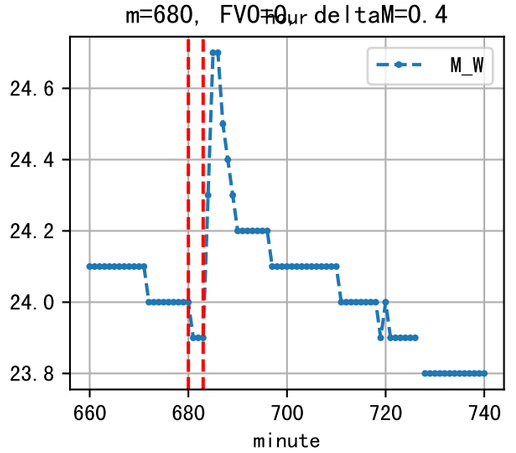

m=925, FVO=0, deltaM=0.6
M_E
32.5
32.0
31.5
31.0
920
940
960
980

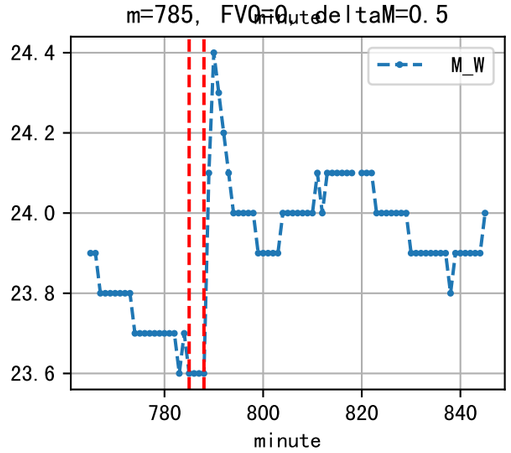

M_W
25
24
23
22
0
5
10
15
20
25

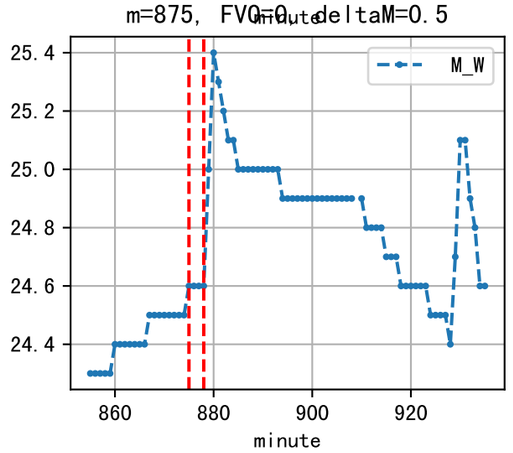

m=550, FVO=0, deltaM=0.6
M_W
23.75
23.50
23.25
23.00
22.75
540
560
580
600

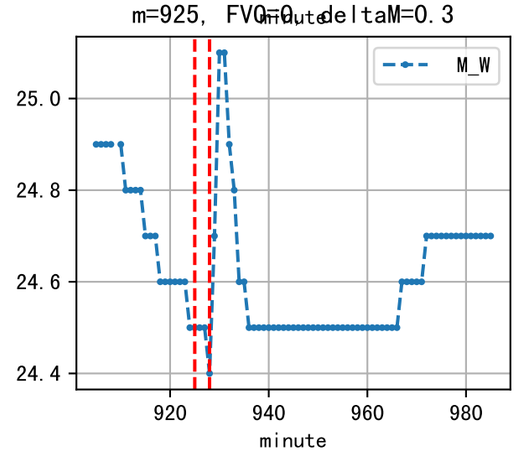

m=595, FVO=0, deltaM=0.6
M_W
24.5
24.0
23.5
23.0
580
600
620
640

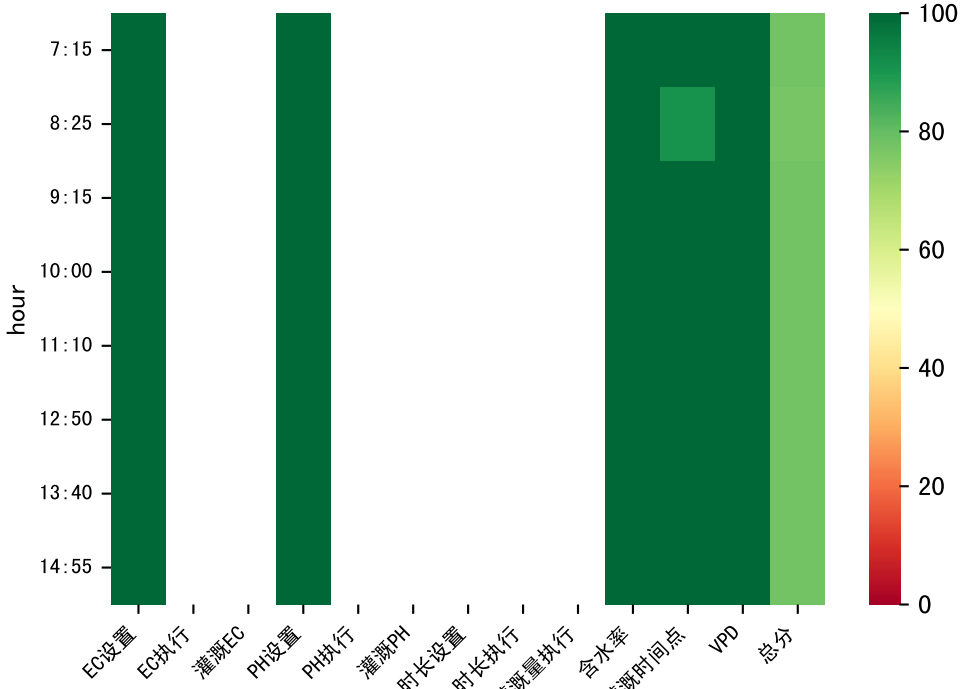

m=625, FVO=0, deltaM=0.4
M_W
24.6
24.4
24.2
24.0
23.8
620
640
660
680


m=680, FVO=0, deltaM=0.4
M_W
24.6
24.4
24.2
24.0
23.8
660
680
700
720
740
minute


m=785, FVO=0, deltaM=0.5
M_W
24.4
24.2
24.0
23.8
23.6
780
800
820
840
minute


m=875, FVO=0, deltaM=0.5
M_W
25.4
25.2
25.0
24.8
24.6
24.4
860
880
900
920
minute

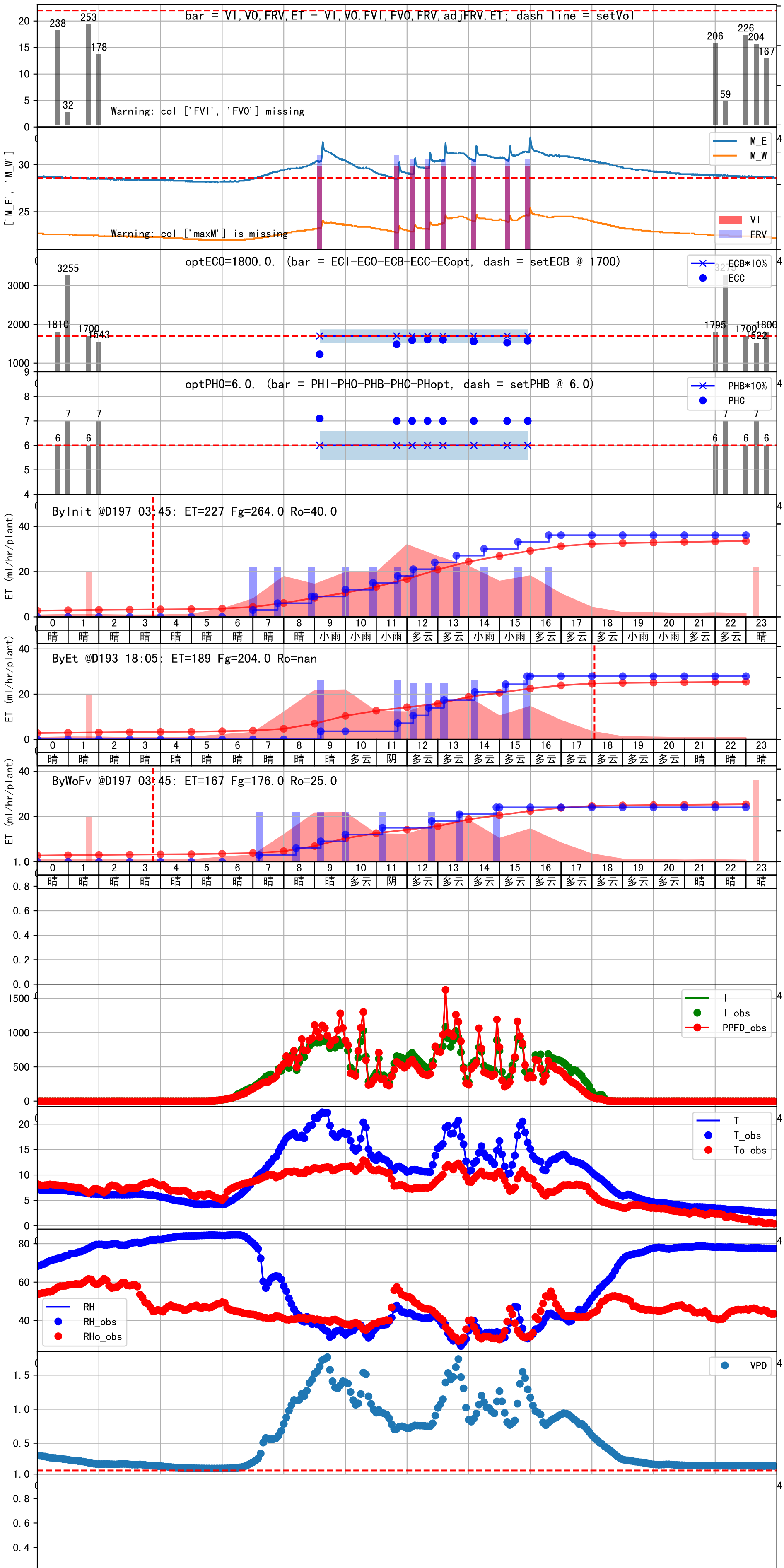

m=925, FVO=0, deltaM=0.3
M_W
25.0
24.8
24.6
24.4
920
940
960
980
minute

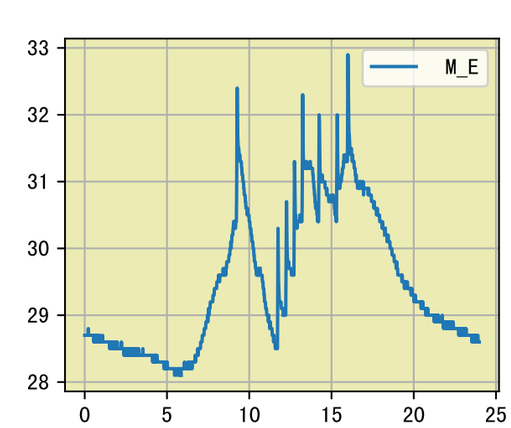

hour
7:15
8:25
9:15
10:00
11:10
12:50
13:40
14:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

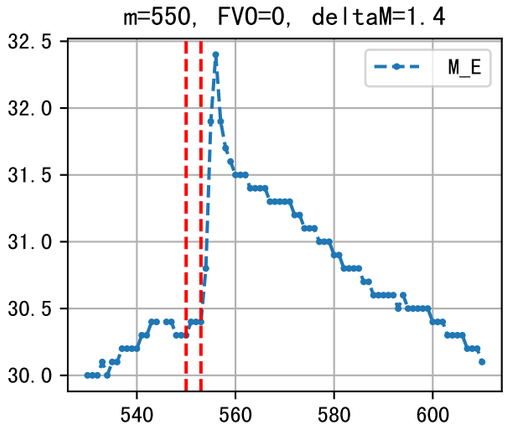
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	151	22.0	0.485	晴	假设@07:15 自动（未用传感器）
08:25	151	22.0	0.485	晴	假设@08:25 自动（未用传感器）
09:15	151	22.0	0.485	晴	假设@09:15 自动（未用传感器）
10:00	151	22.0	0.485	多云	假设@10:00 自动（未用传感器）
11:10	151	22.0	0.485	阴	假设@11:10 自动（未用传感器）
12:50	151	22.0	0.485	多云	假设@12:50 自动（未用传感器）
13:40	151	22.0	0.485	多云	假设@13:40 自动（未用传感器）
14:55	151	22.0	0.485	多云	假设@14:55 自动（未用传感器）
总计	1208.0 (8次)	176.0			建议进液EC：1700， PH：6.0

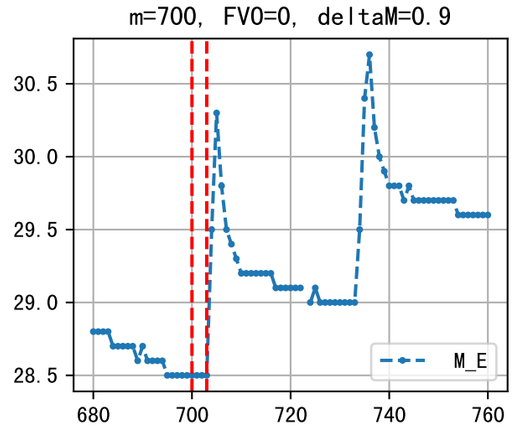
滴头平均流速偏小（0.18 vs def 0.5），请检查
上次灌溉时长(150)与预期(129.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉26.0 ml.

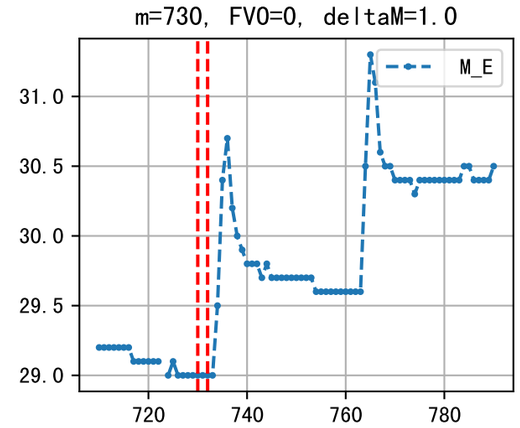
P1_0, Day=193.0 (2026-04-05)

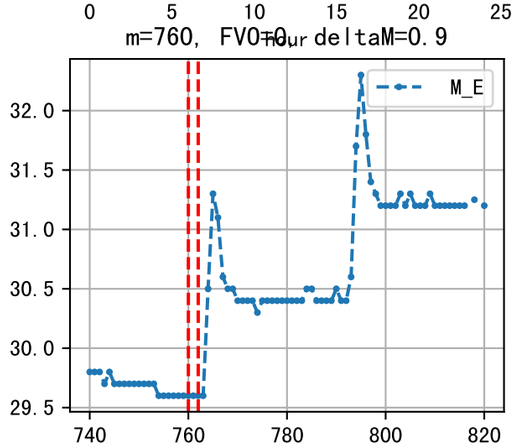


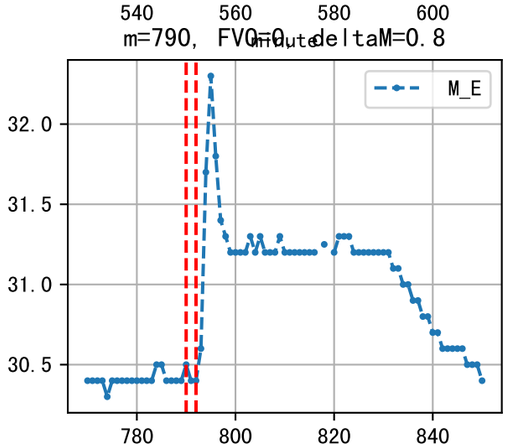

M_E

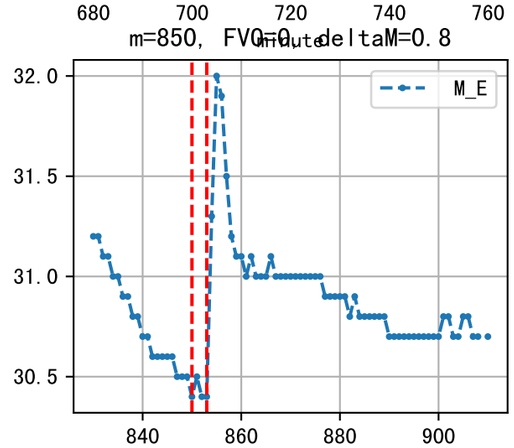

m=550, FV0=0, deltaM=1.4
M_E

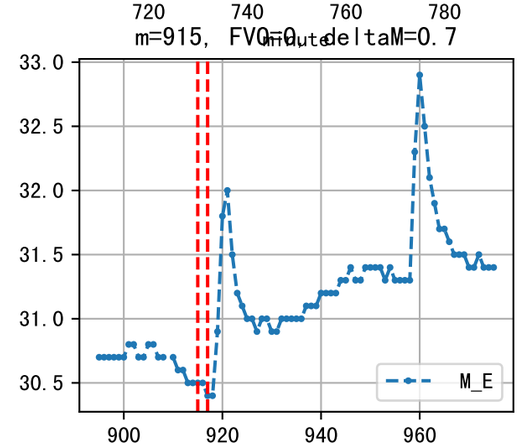

m=700, FV0=0, deltaM=0.9
M_E

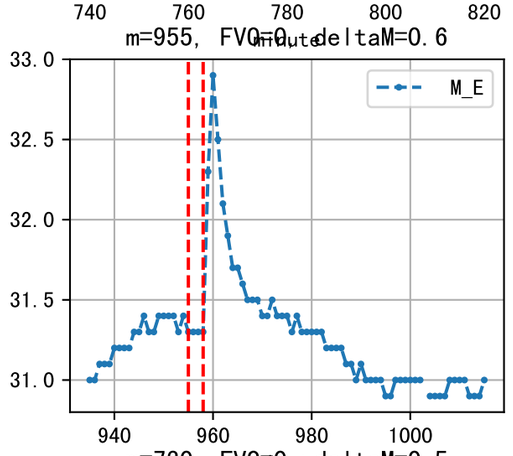

m=730, FV0=0, deltaM=1.0
M_E

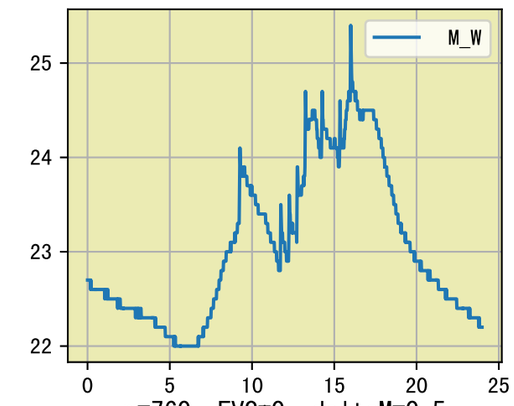

m=760, FV0=0, deltaM=0.9
hour
M_E

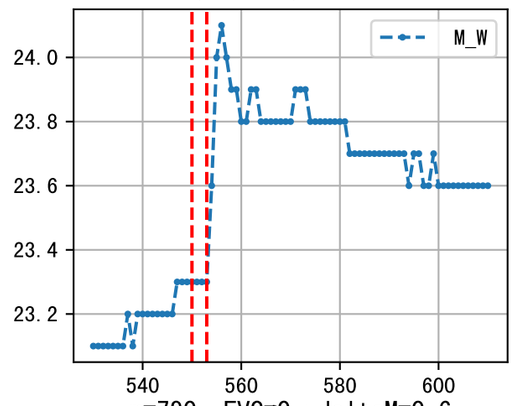

m=790, FV0=0, deltaM=0.8
minute
M_E

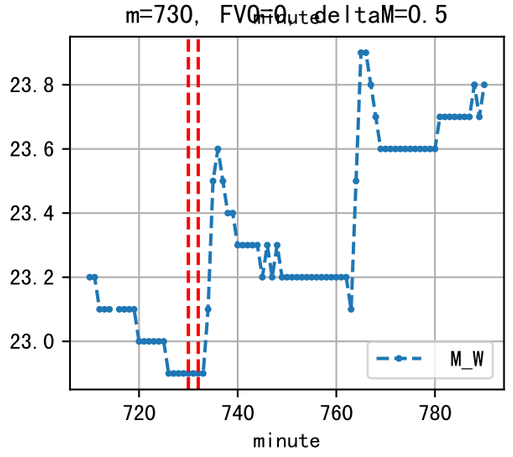

m=850, FV0=0, deltaM=0.8
minute
M_E

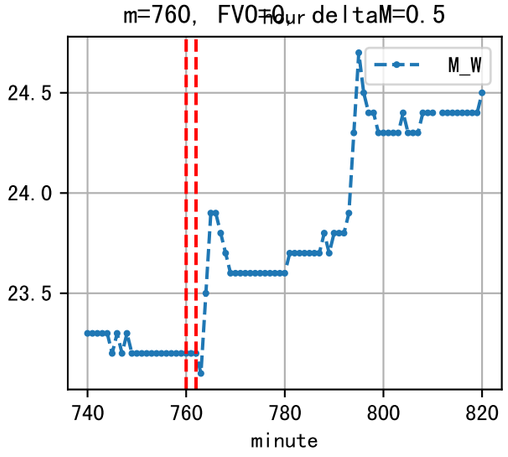

m=915, FV0=0, deltaM=0.7
minute
M_E

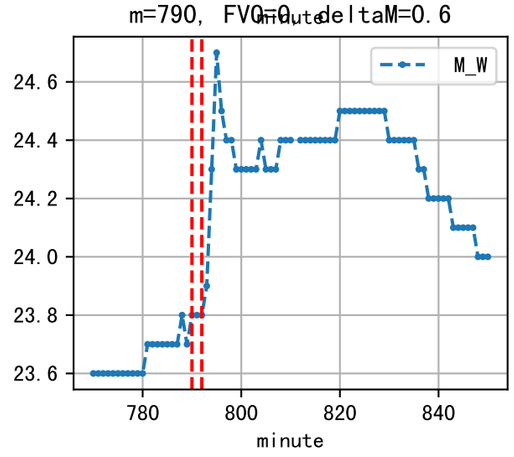

m=955, FV0=0, deltaM=0.6
minute
M_E

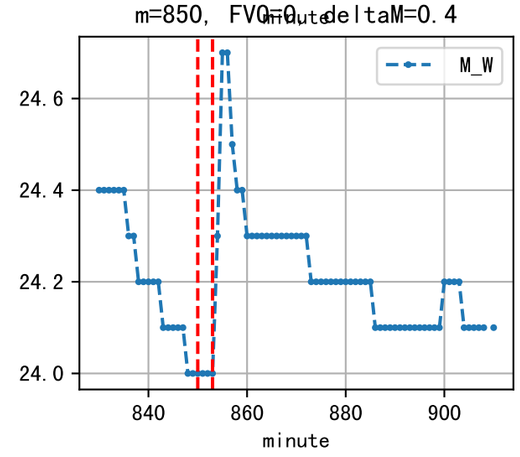

m=550, FV0=0, deltaM=0.6
minute
M_W

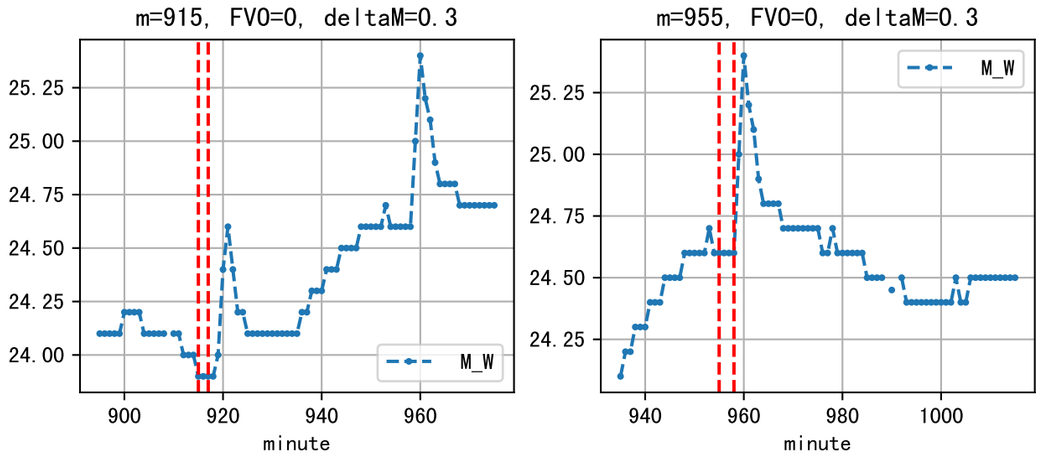

m=700, FV0=0, deltaM=0.4
minute
M_W


m=730, FV0=0, deltaM=0.5
minute
M_W


m=760, FV0=0, deltaM=0.5
hour
M_W


m=790, FV0=0, deltaM=0.6
minute
M_W


m=850, FV0=0, deltaM=0.4
minute
M_W


m=915, FVO=0, deltaM=0.3
25.25
25.00
24.75
24.50
24.25
24.00
900
920
940
960
minute
M_W

m=955, FVO=0, deltaM=0.3
25.25
25.00
24.75
24.50
24.25
940
960
980
1000
minute
M_W