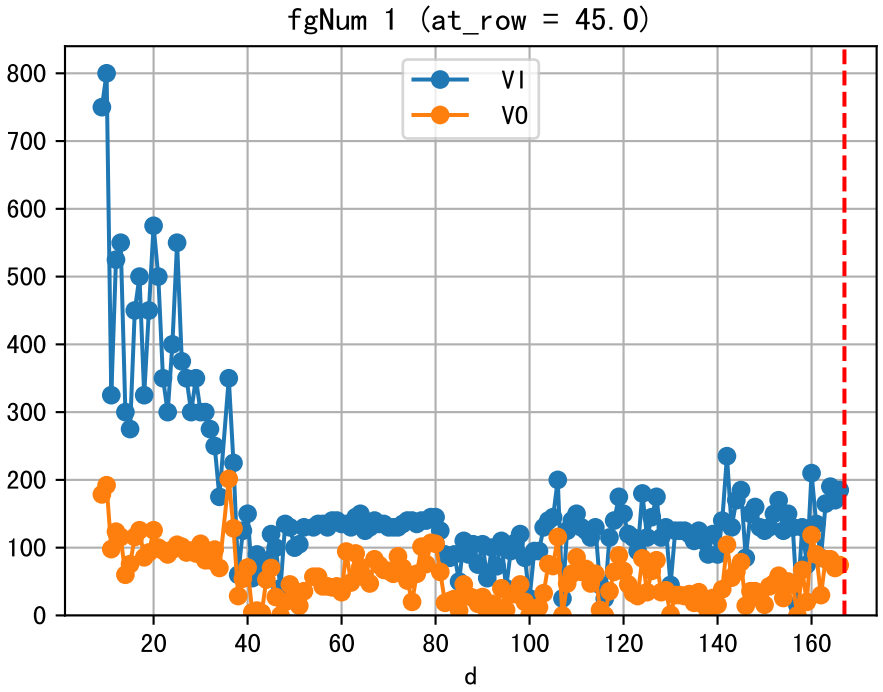
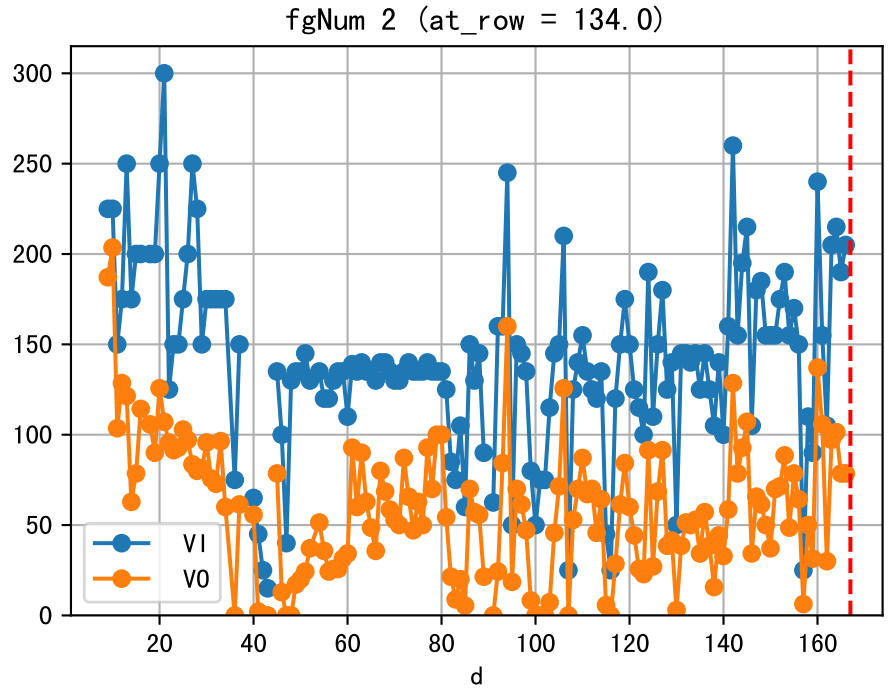
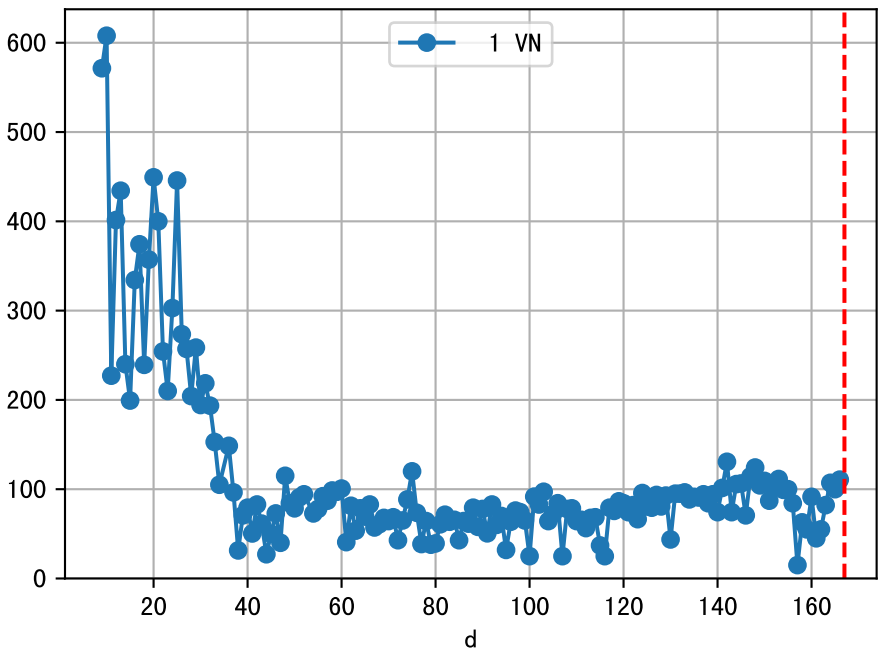
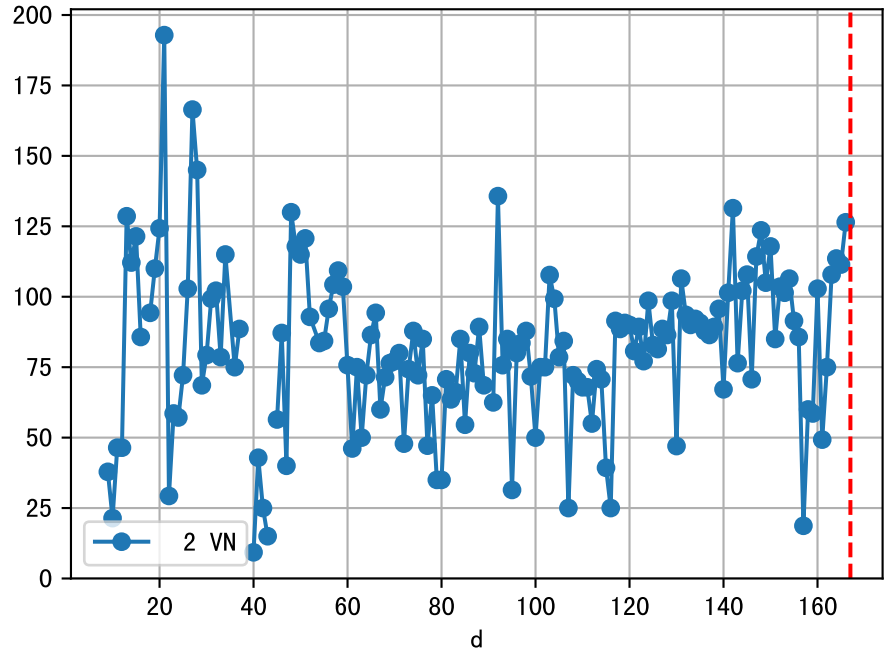
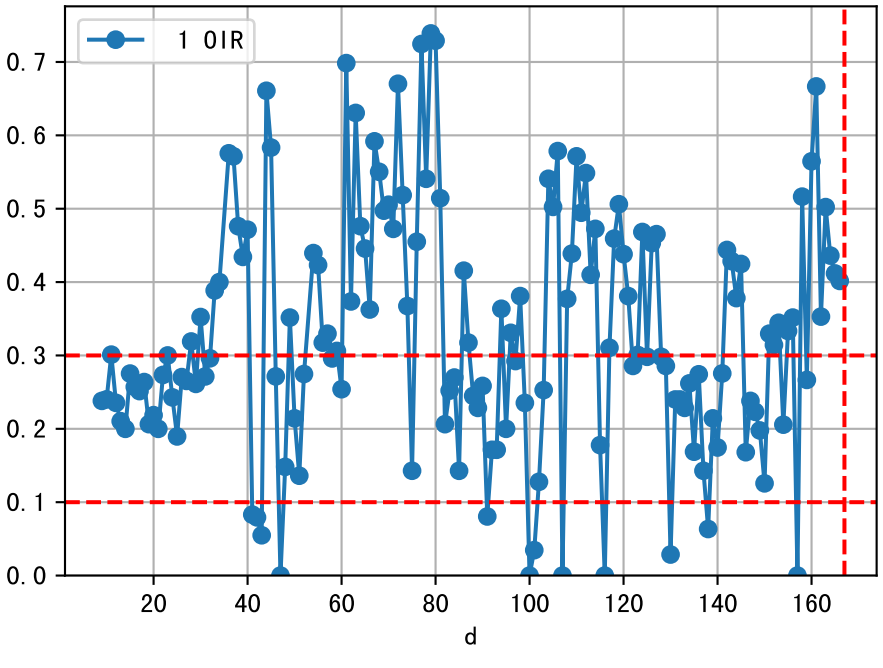
FgArea: ['0']
NC11 P2
2026-03-10 (Day 167)

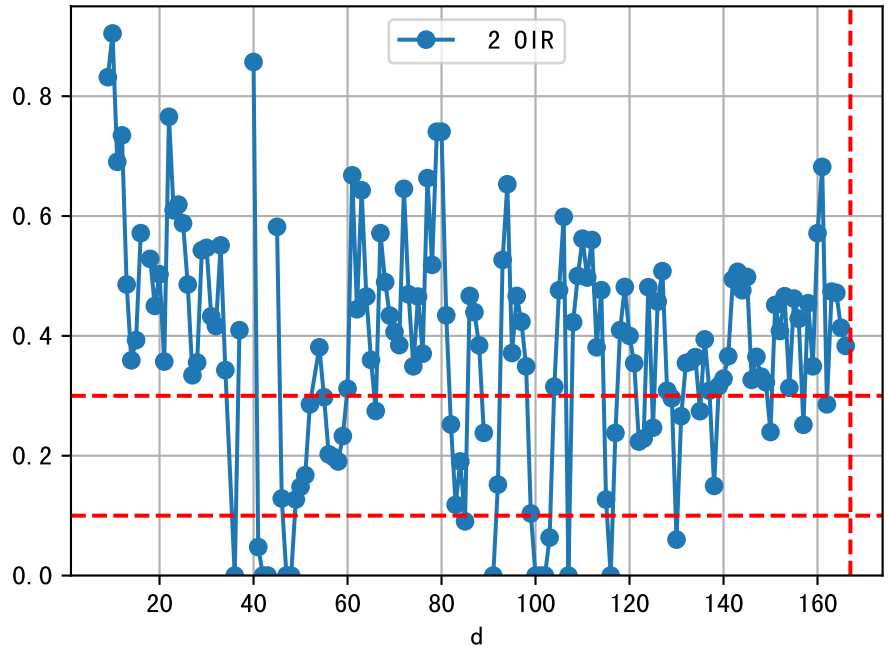

fgNum 1 (at_row = 45.0)
VI
VO
d

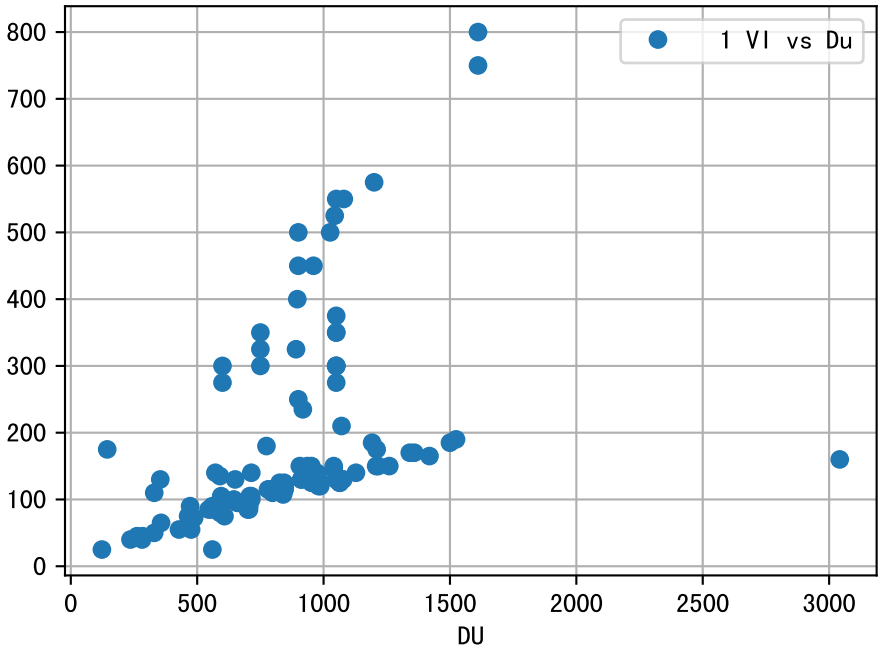

fgNum 2 (at_row = 134.0)
VI
VO
d

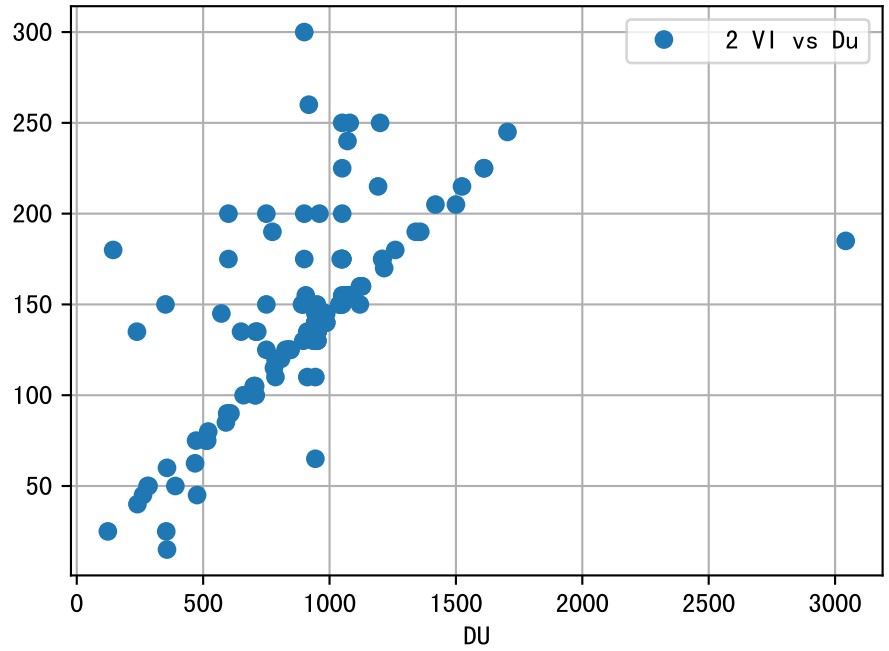

1 VN
d

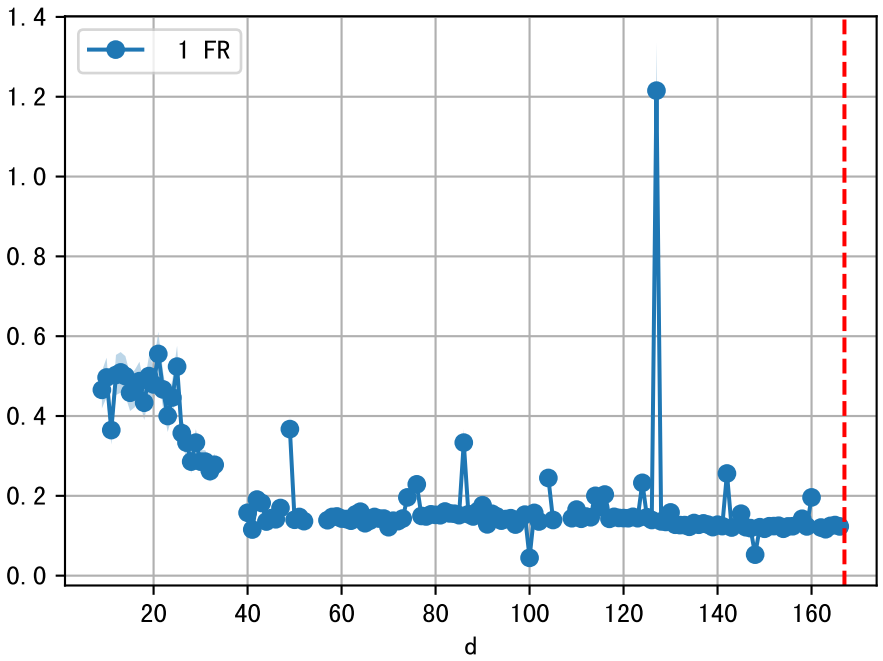

2 VN
d

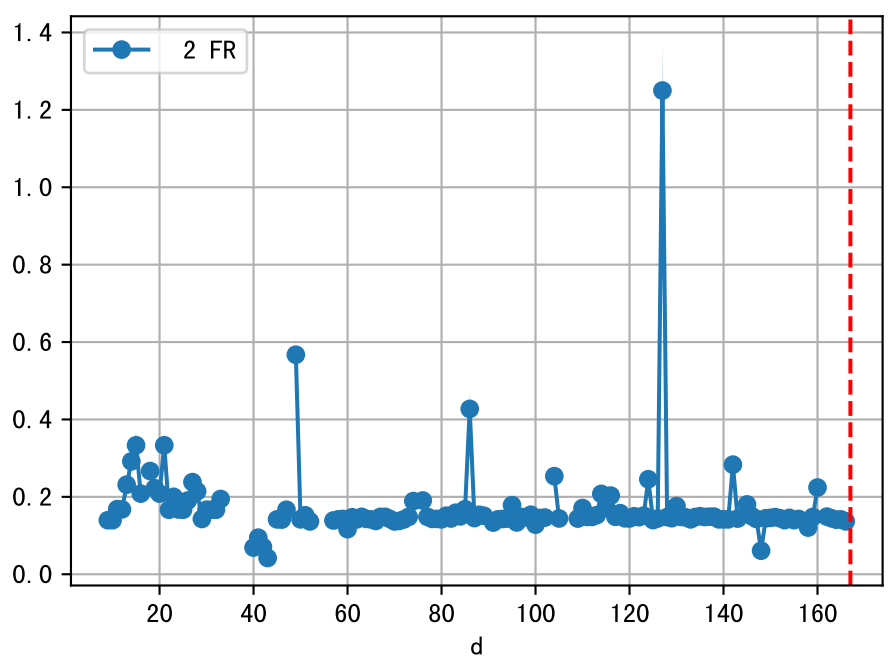

1 OIR
d

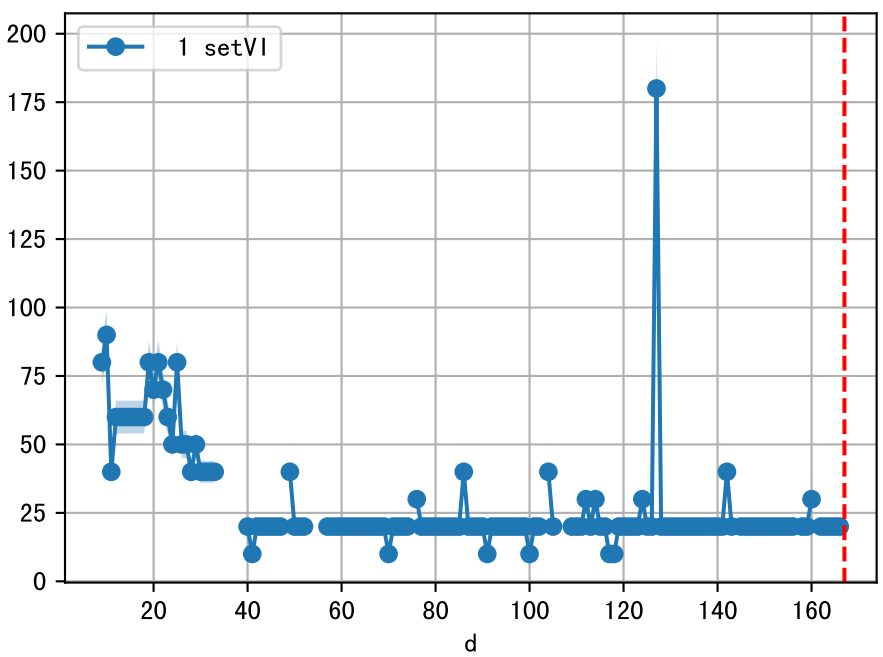

2 OIR
d

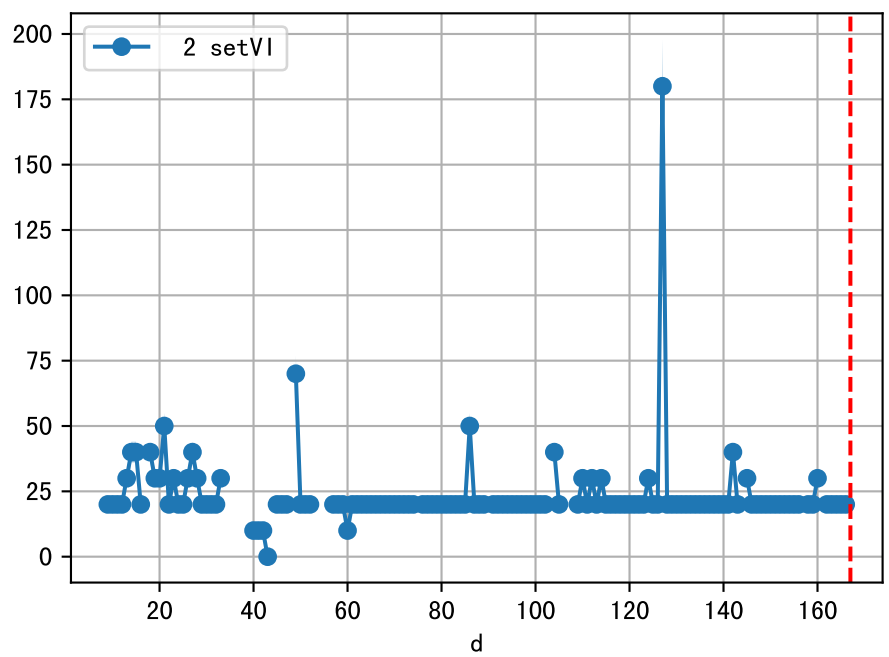

1 VI vs Du
DU

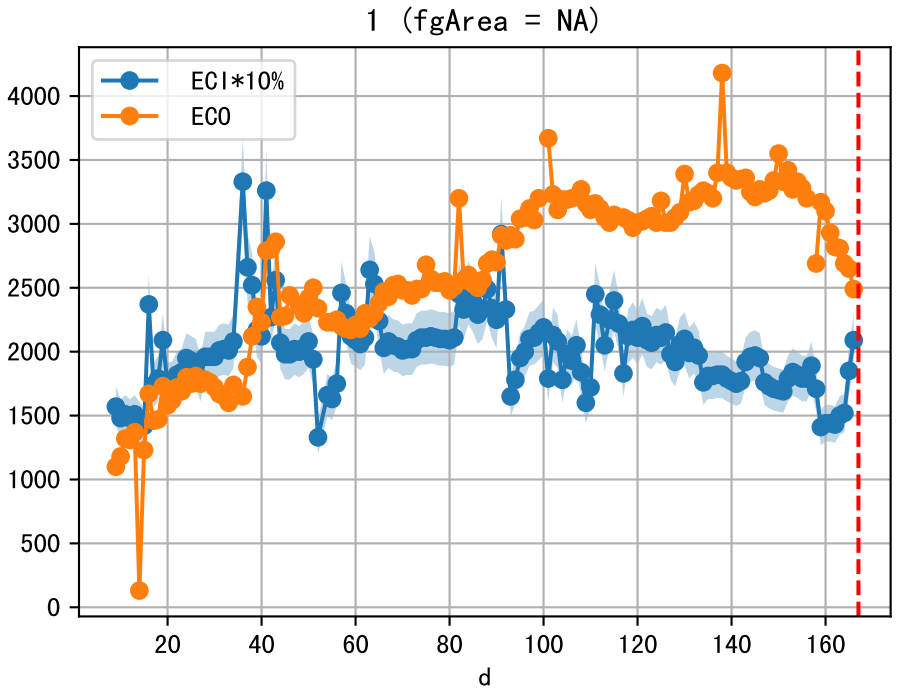

2 VI vs Du
DU

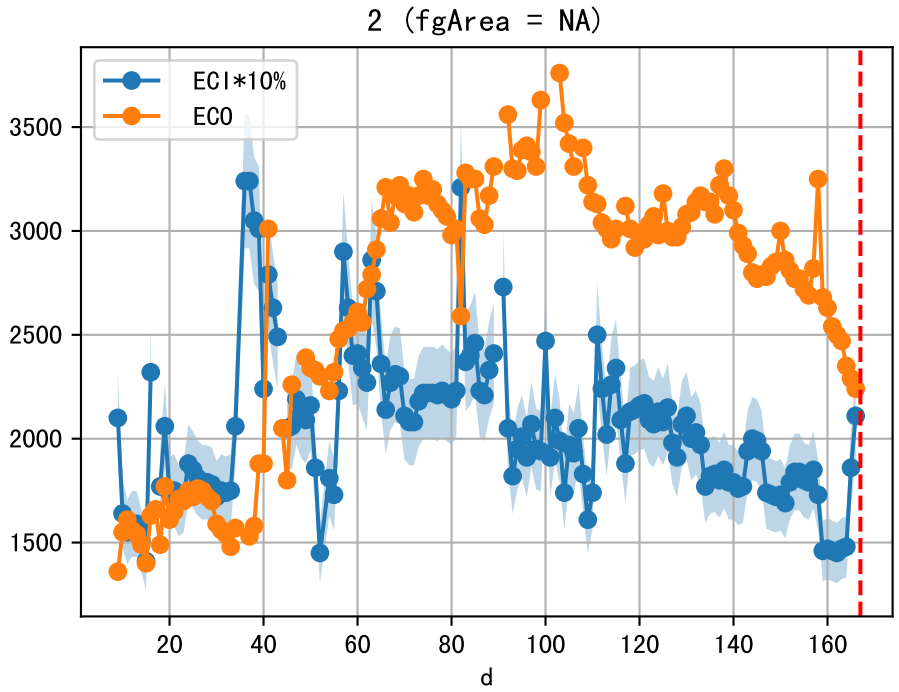

1 FR
d

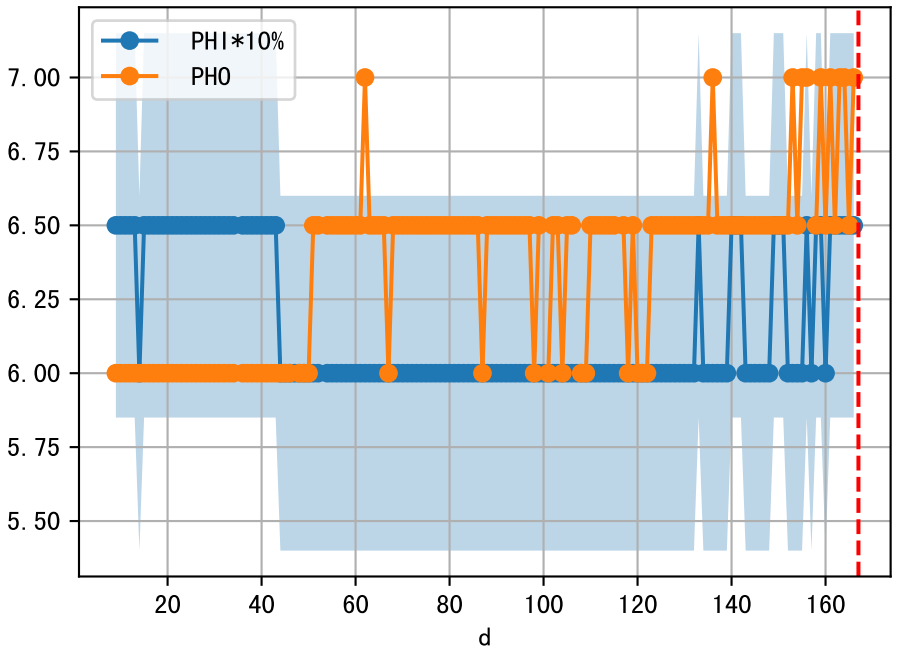

2 FR
d

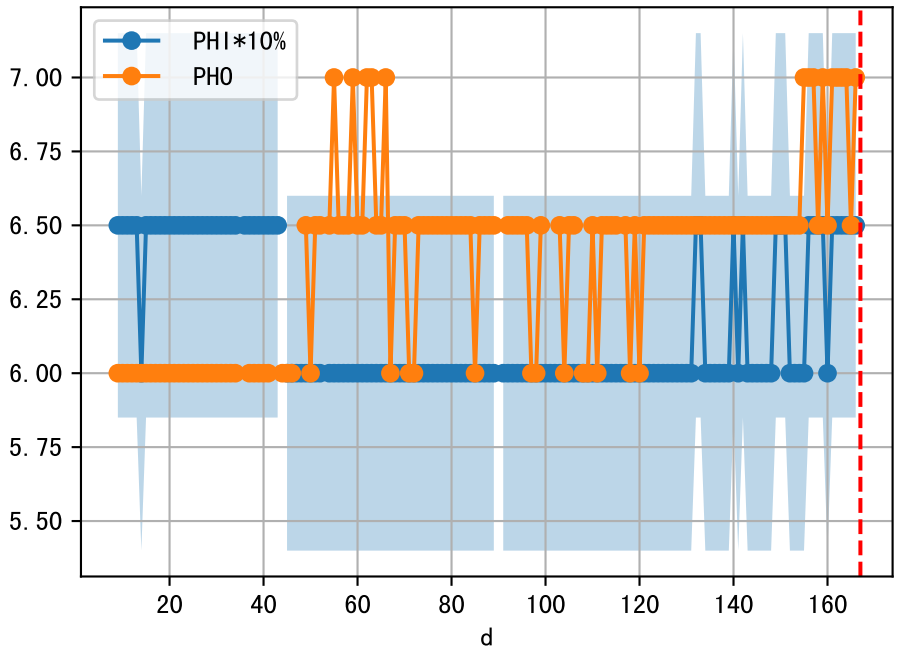

1 setVI
d

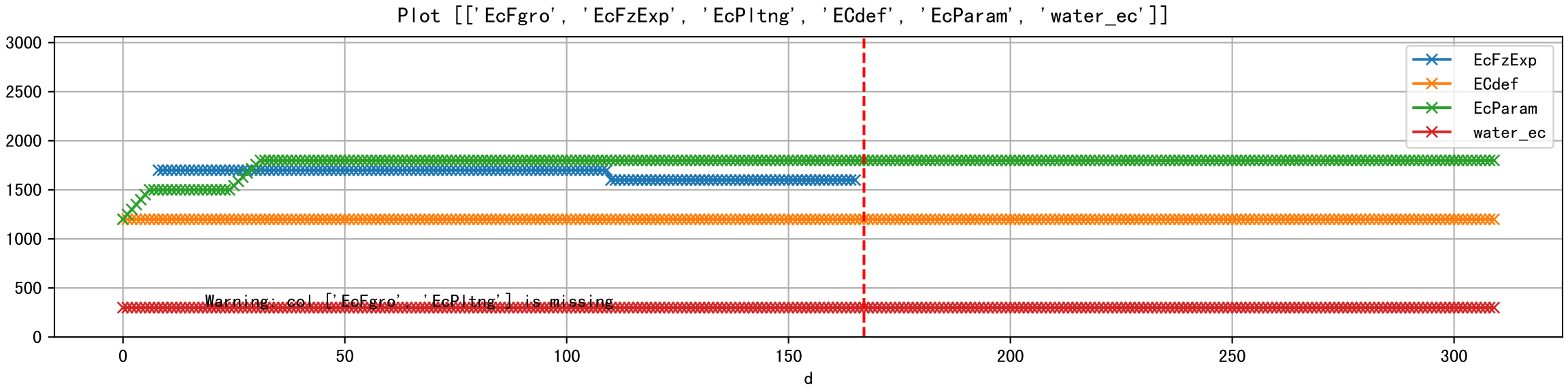

2 setVI
d

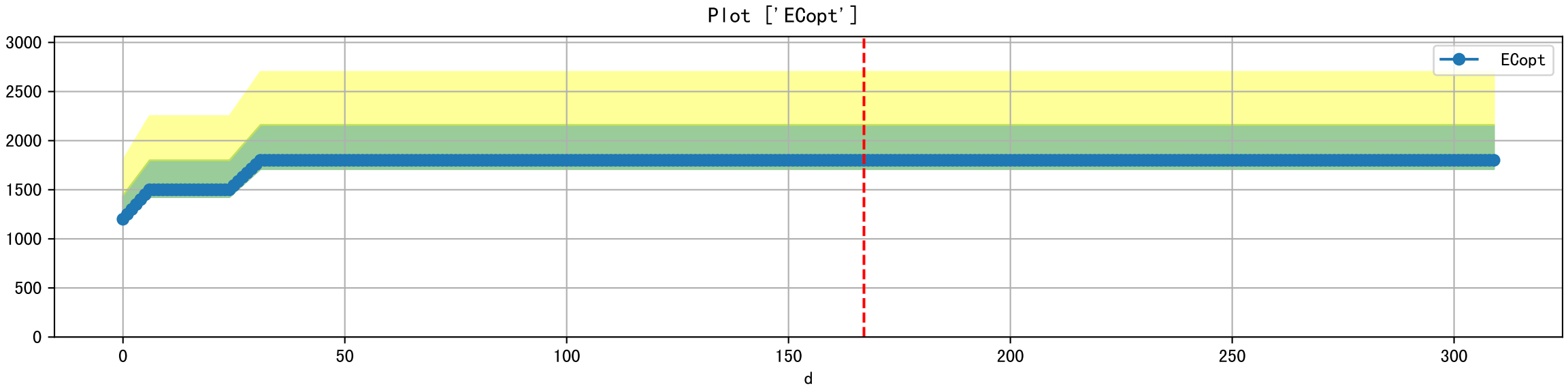

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
120
140
160
d

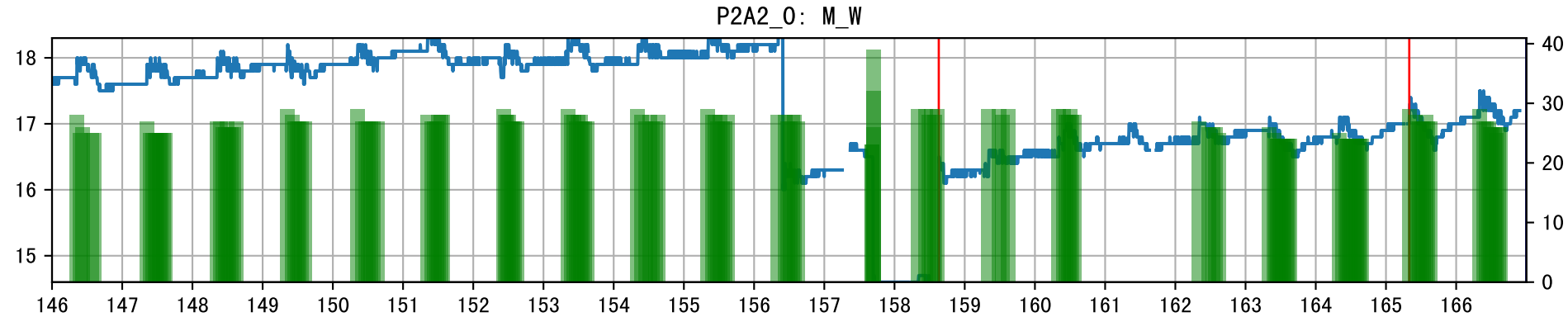

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
20
40
60
80
100
120
140
160
d


PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
160
d

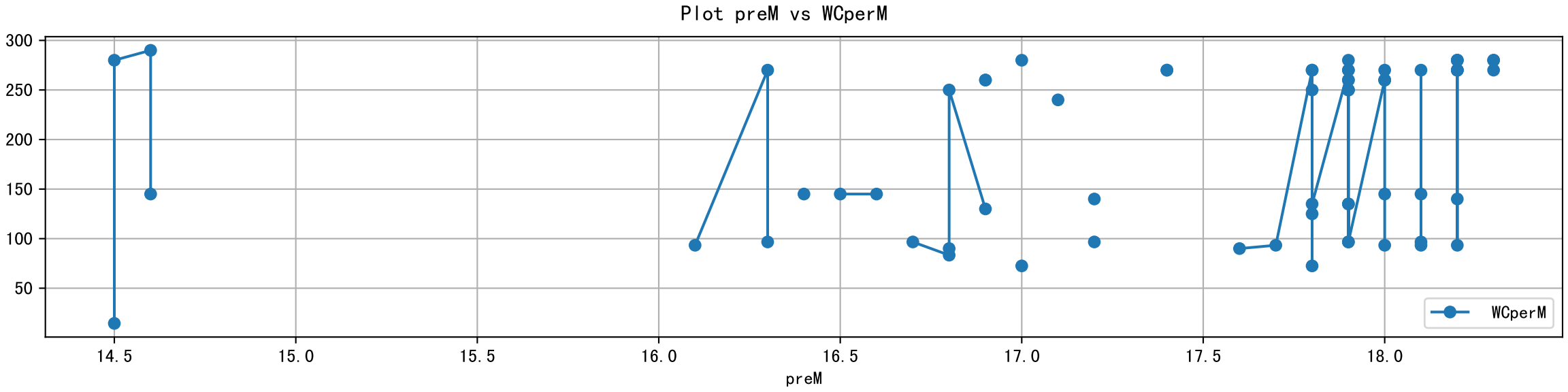

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
160
d

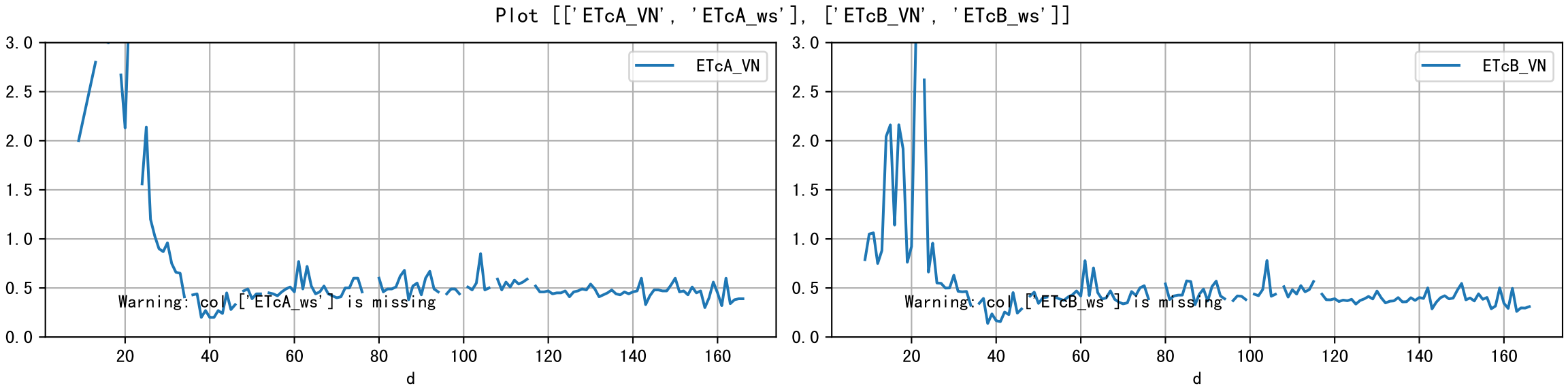

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

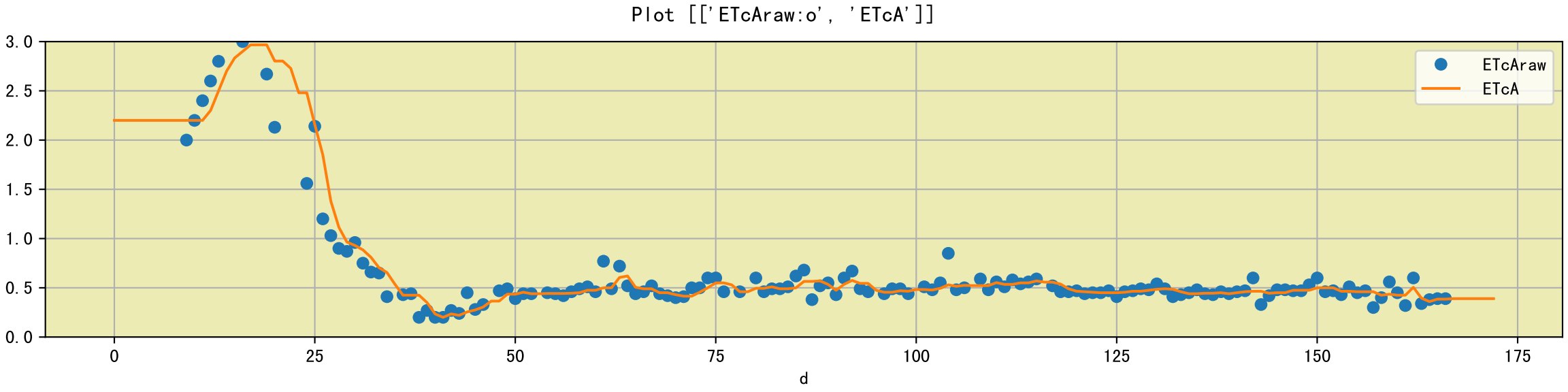

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

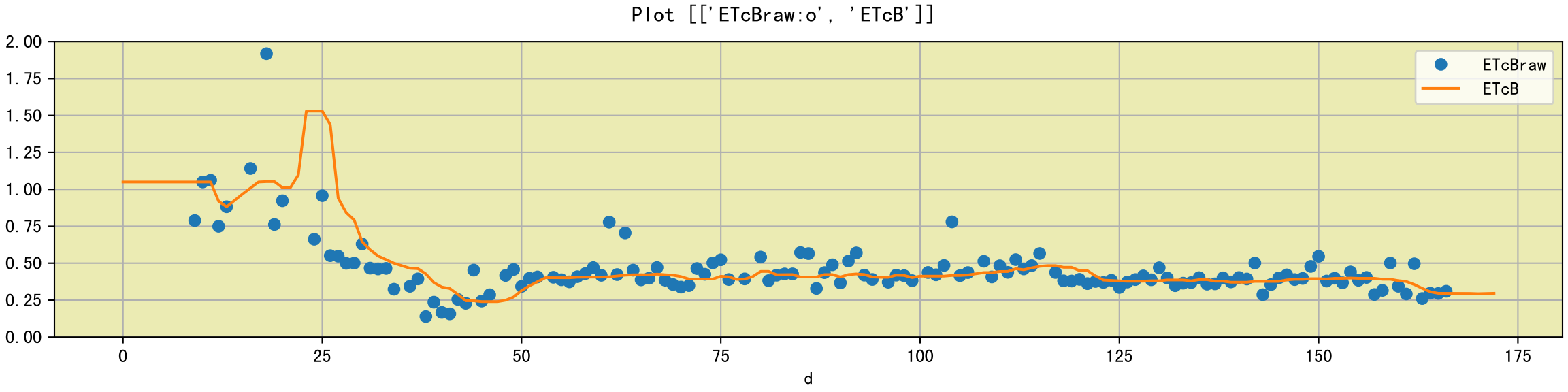

P2A2_O: M_W
18
17
16
15
40
30
20
10
0
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166

Plot Sensor and FgRec Data

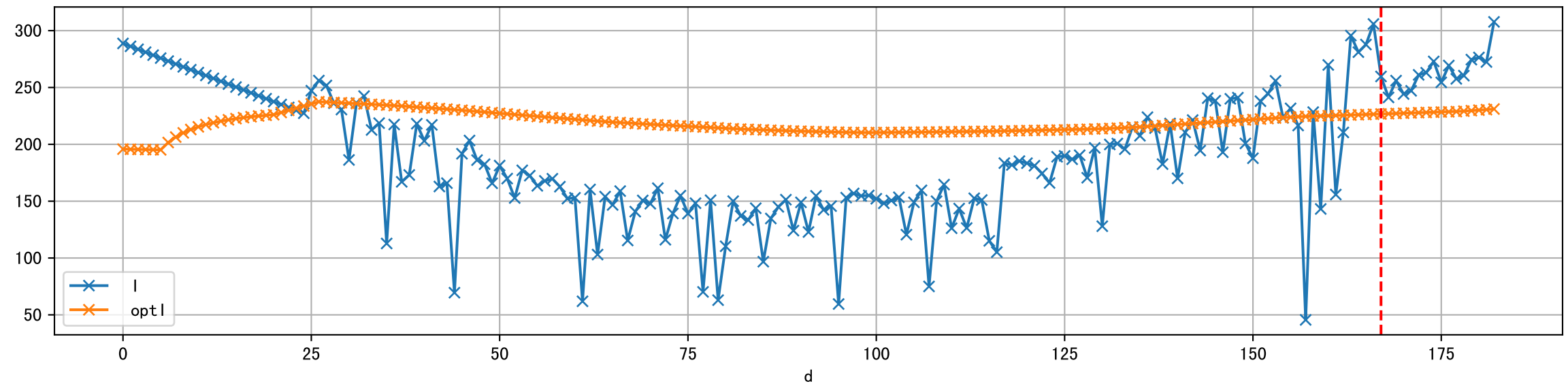

Plot preM vs WCperM
300
250
200
150
100
50
14.5
15.0
15.5
16.0
16.5
17.0
17.5
18.0
preM
WCperM

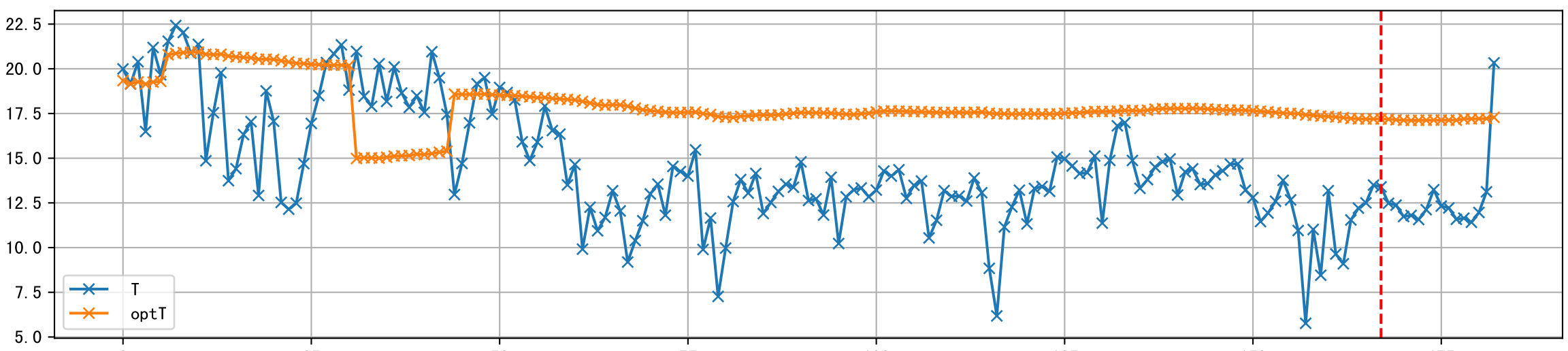

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

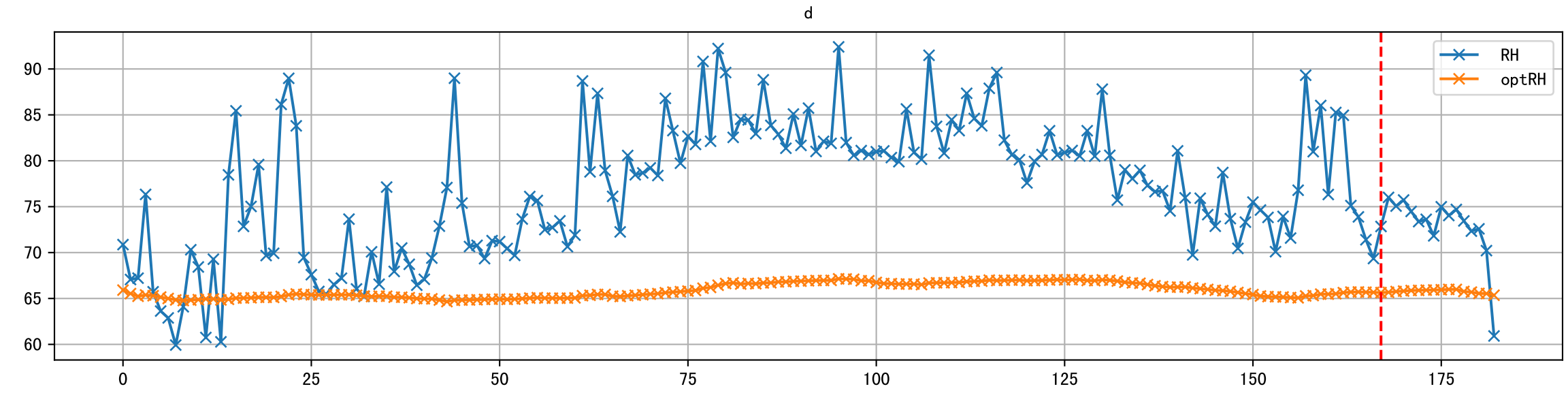

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
d
ETcAraw
ETcA

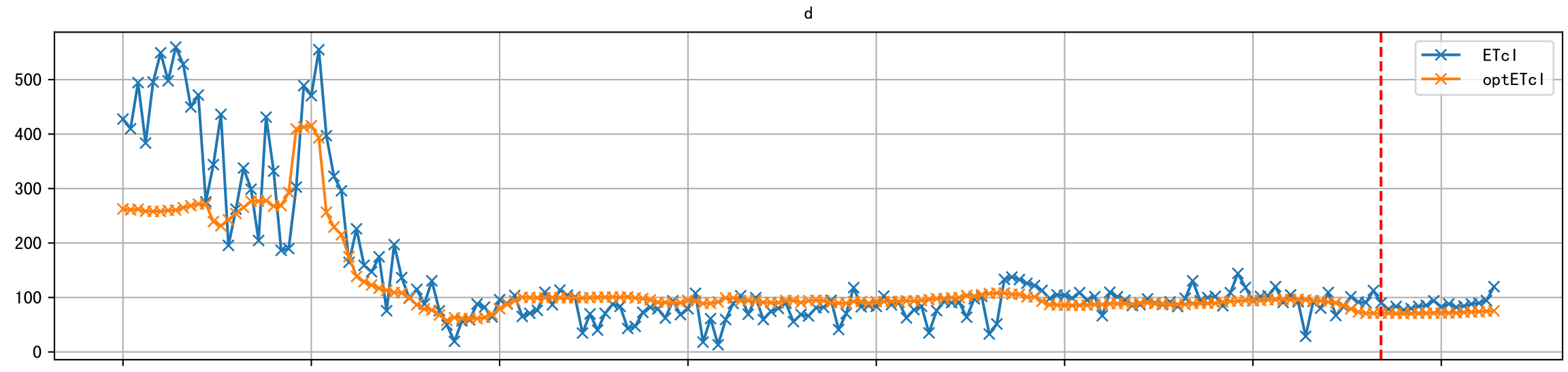

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
d
ETcBraw
ETcB

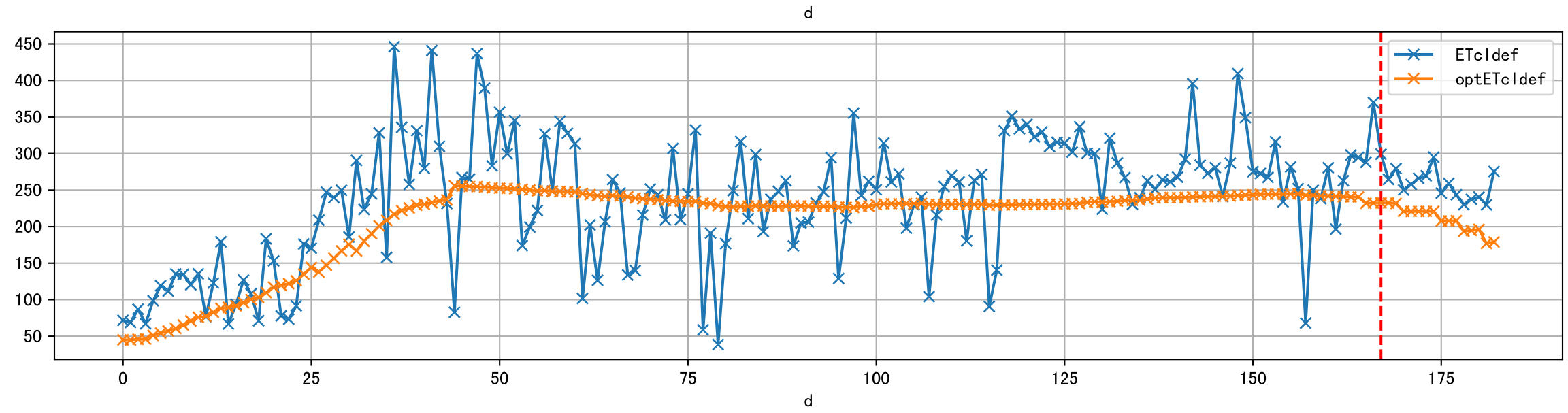
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

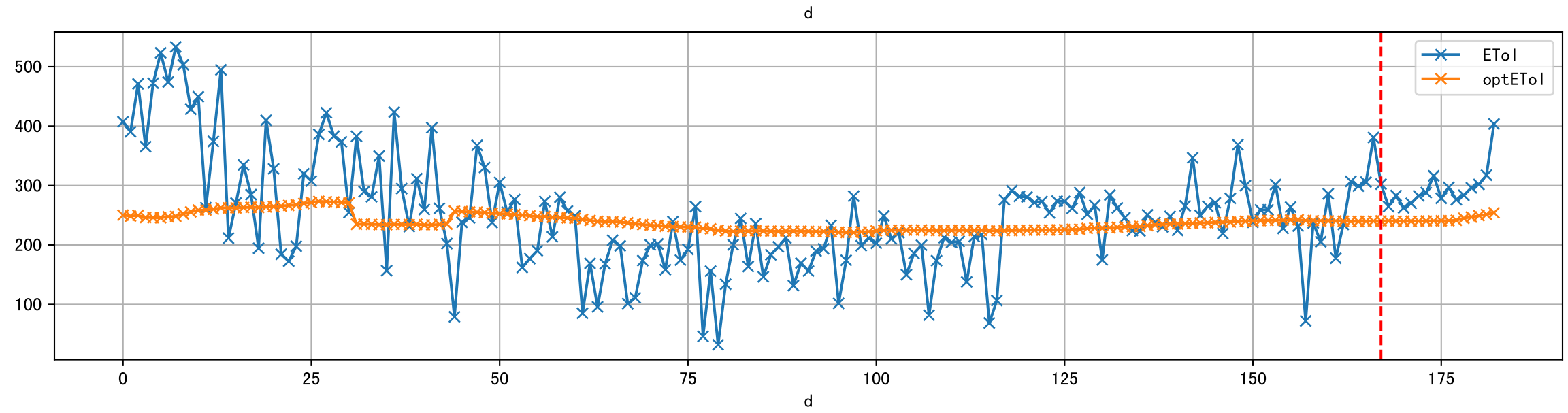


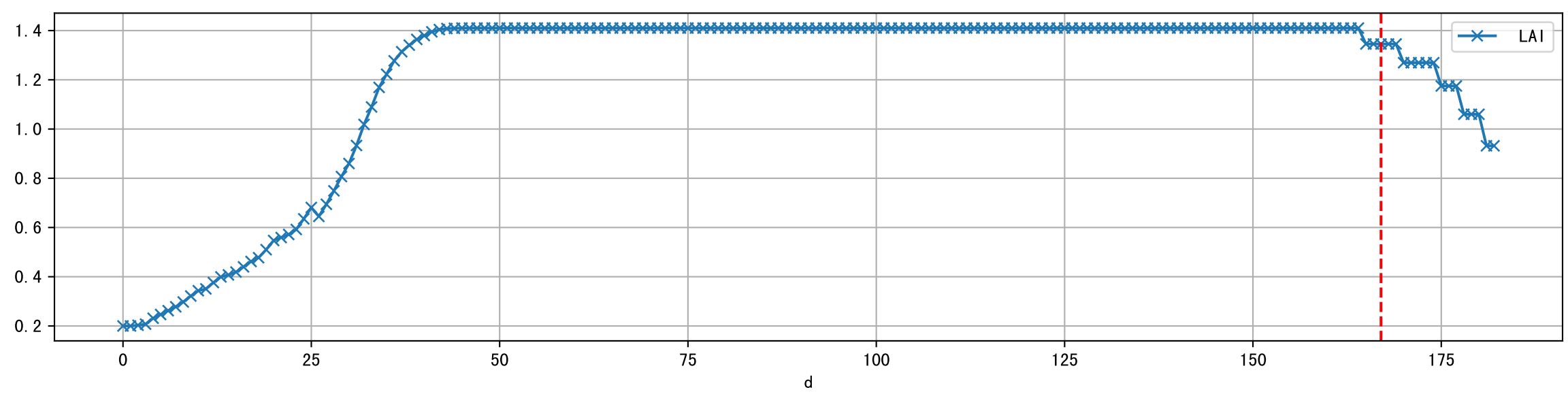


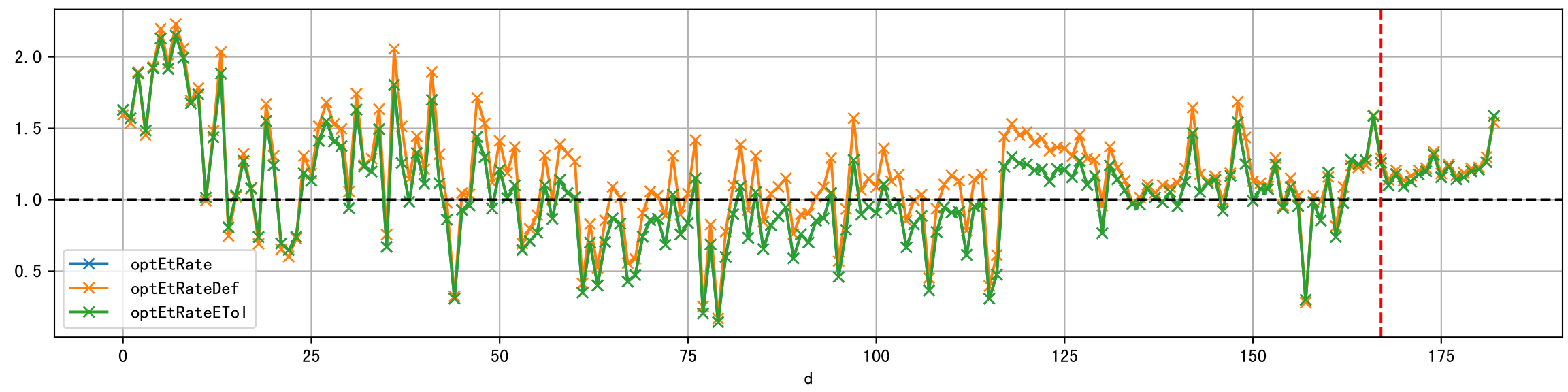


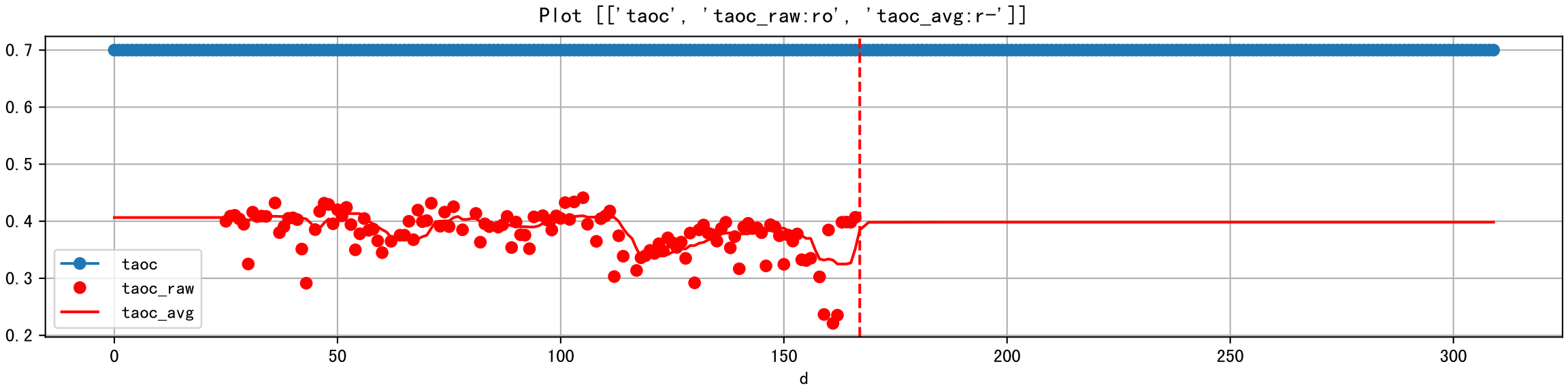


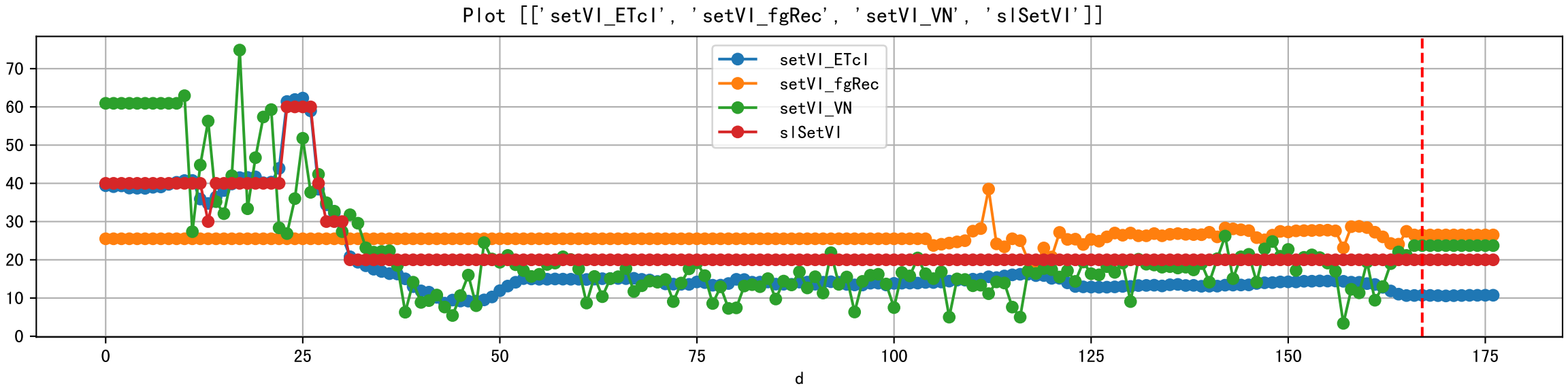


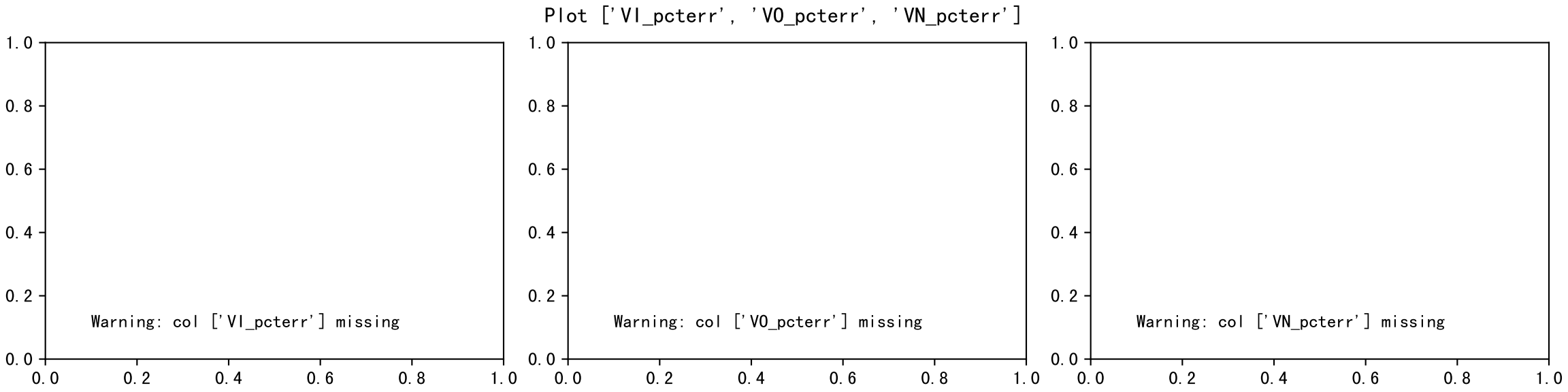


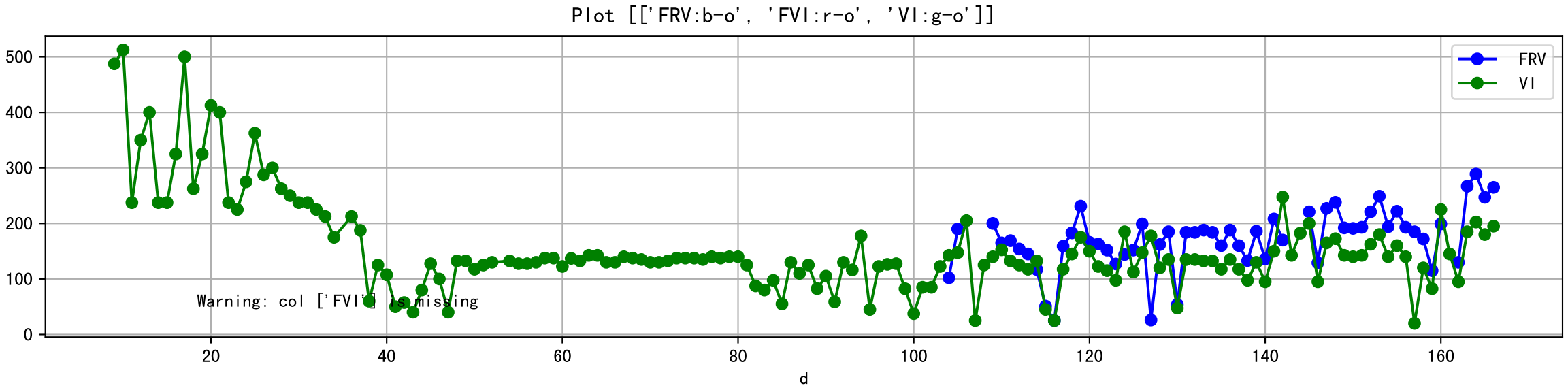


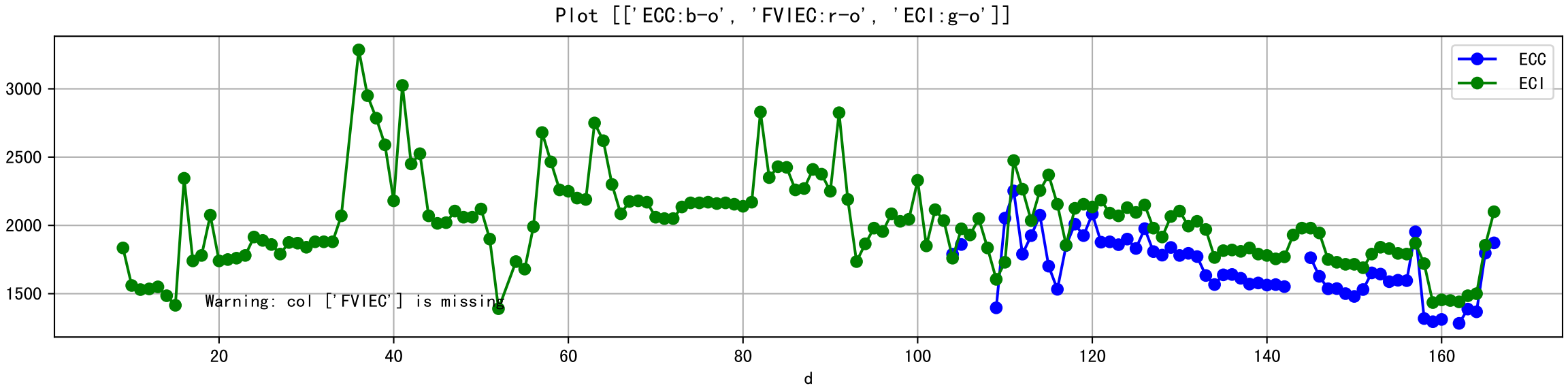


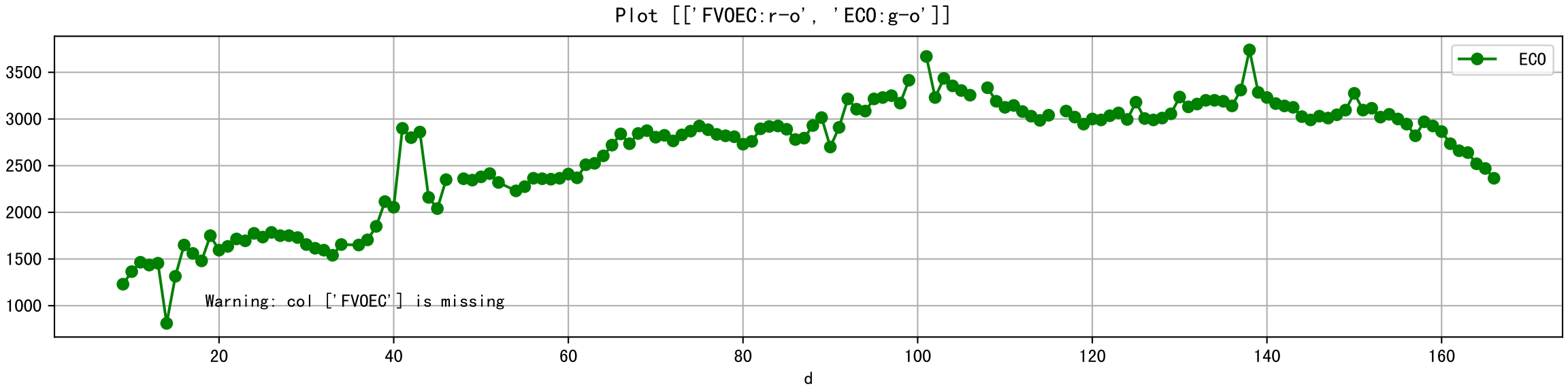

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

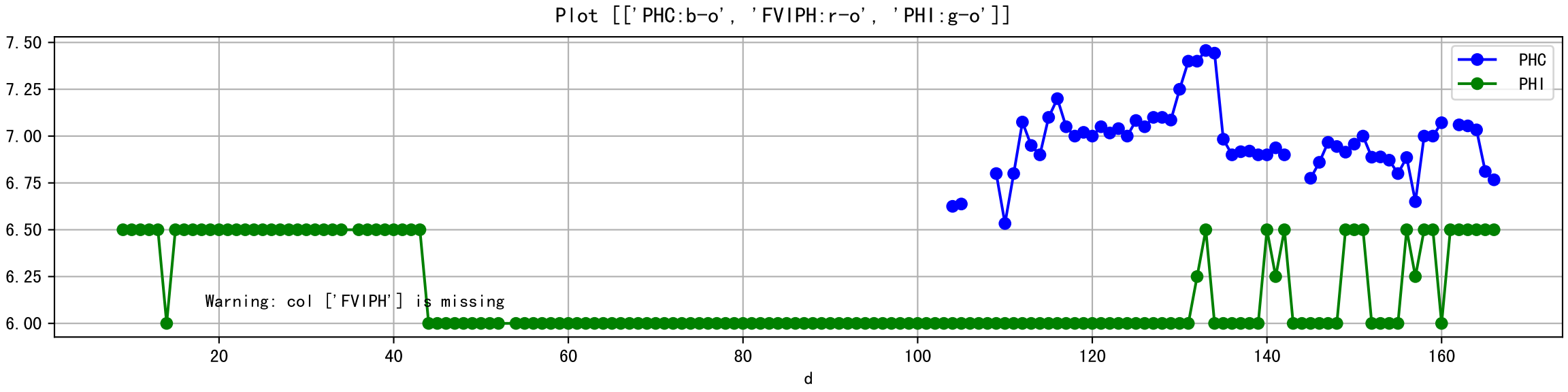

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
60
70
0
25
50
75
100
125
150
175
d

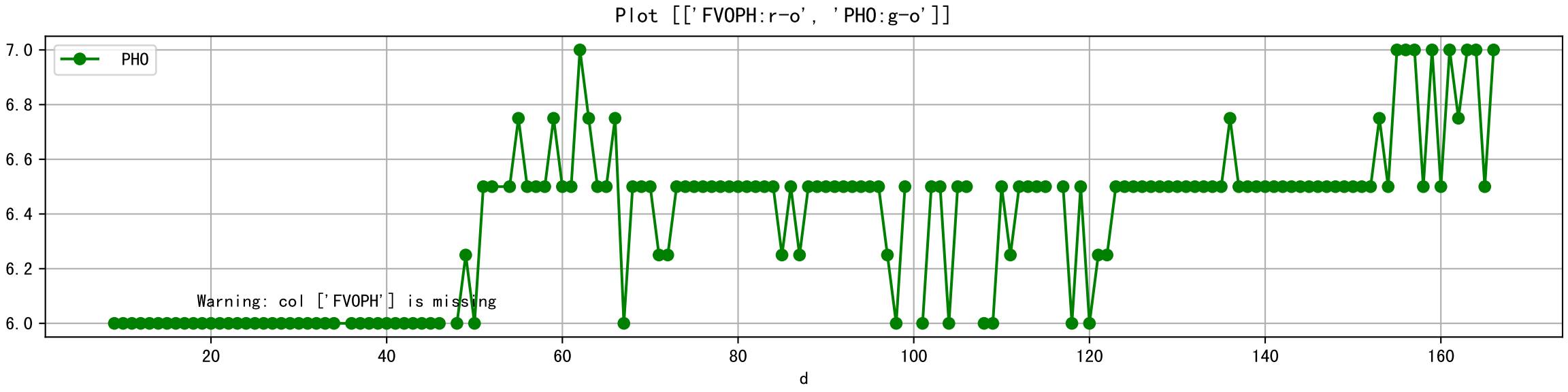

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

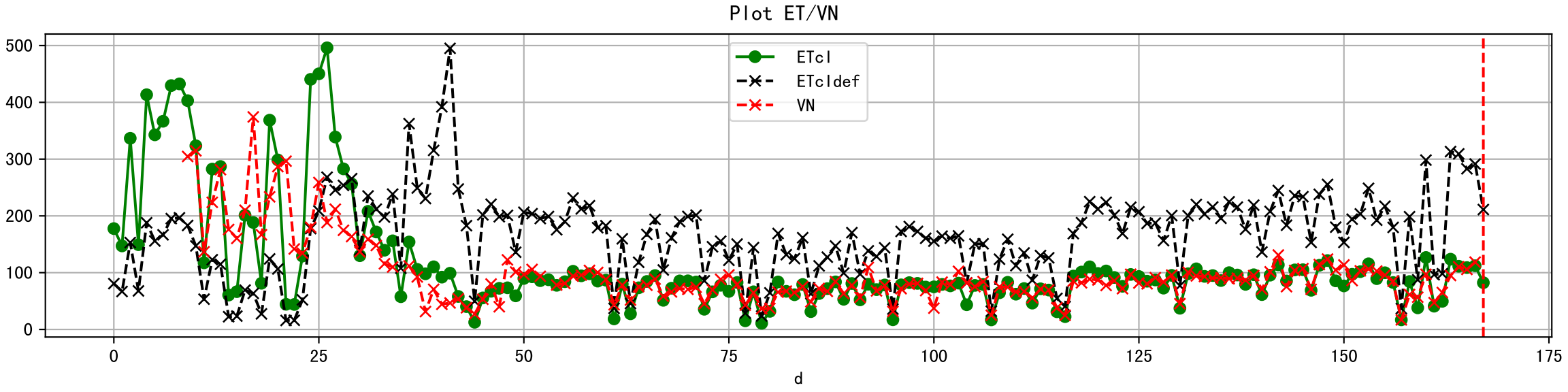

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
0
20
40
60
80
100
120
140
160
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
20
40
60
80
100
120
140
160
d

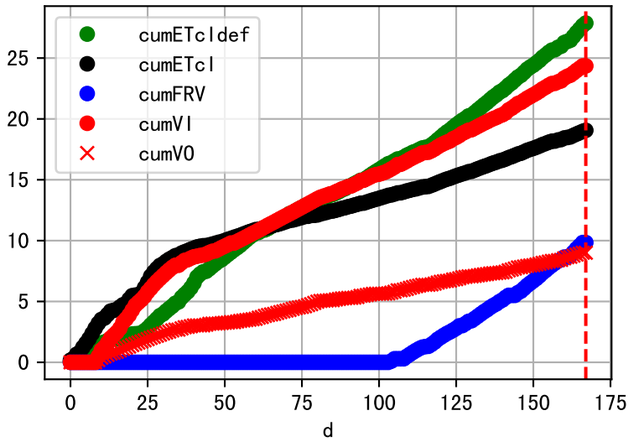

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
20
40
60
80
100
120
140
160
d

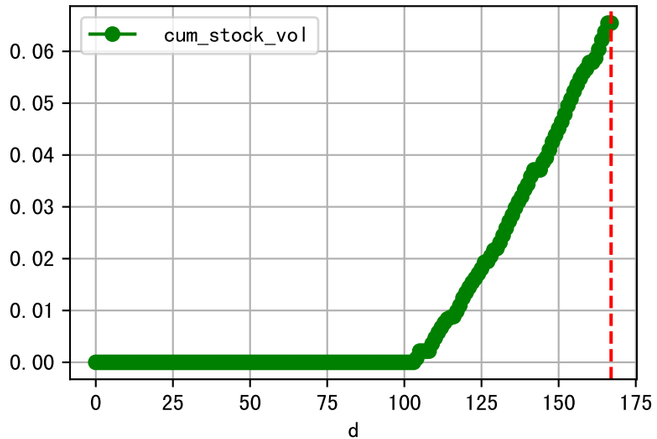

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
PHC
PHI
Warning: col ['FVIPH'] is missing
20
40
60
80
100
120
140
160
d

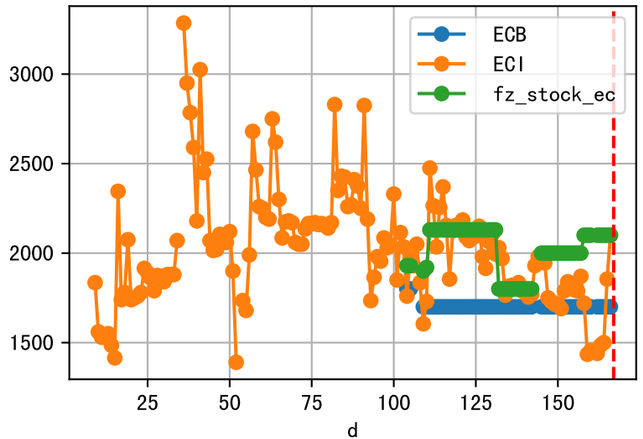

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
160
d

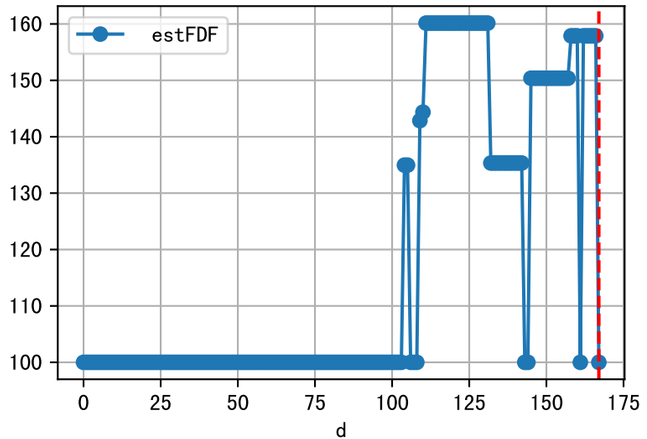

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
25
50
75
100
125
150
175
d

Plot Fv and fertilizer usage

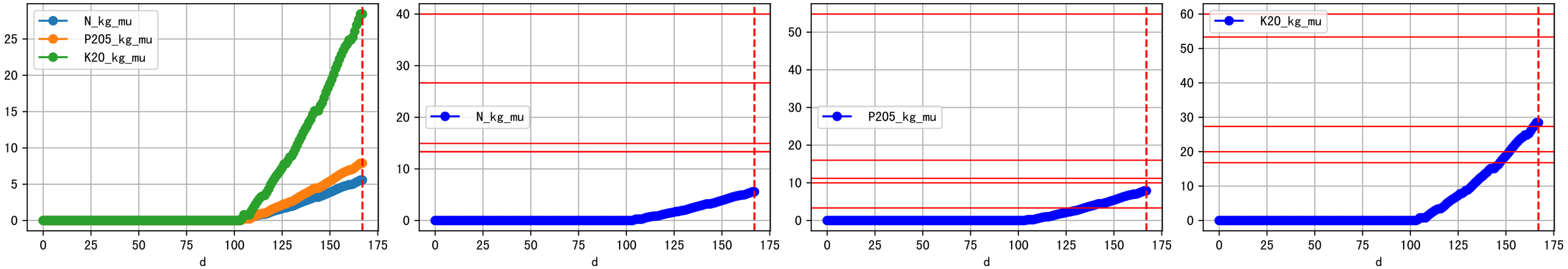


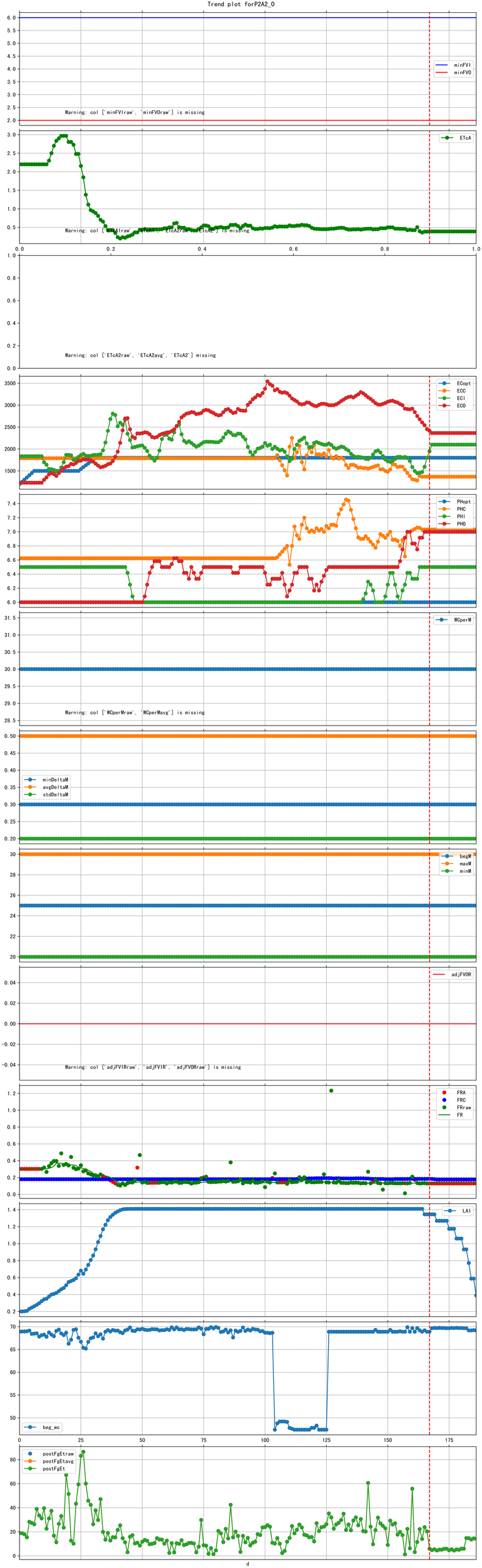


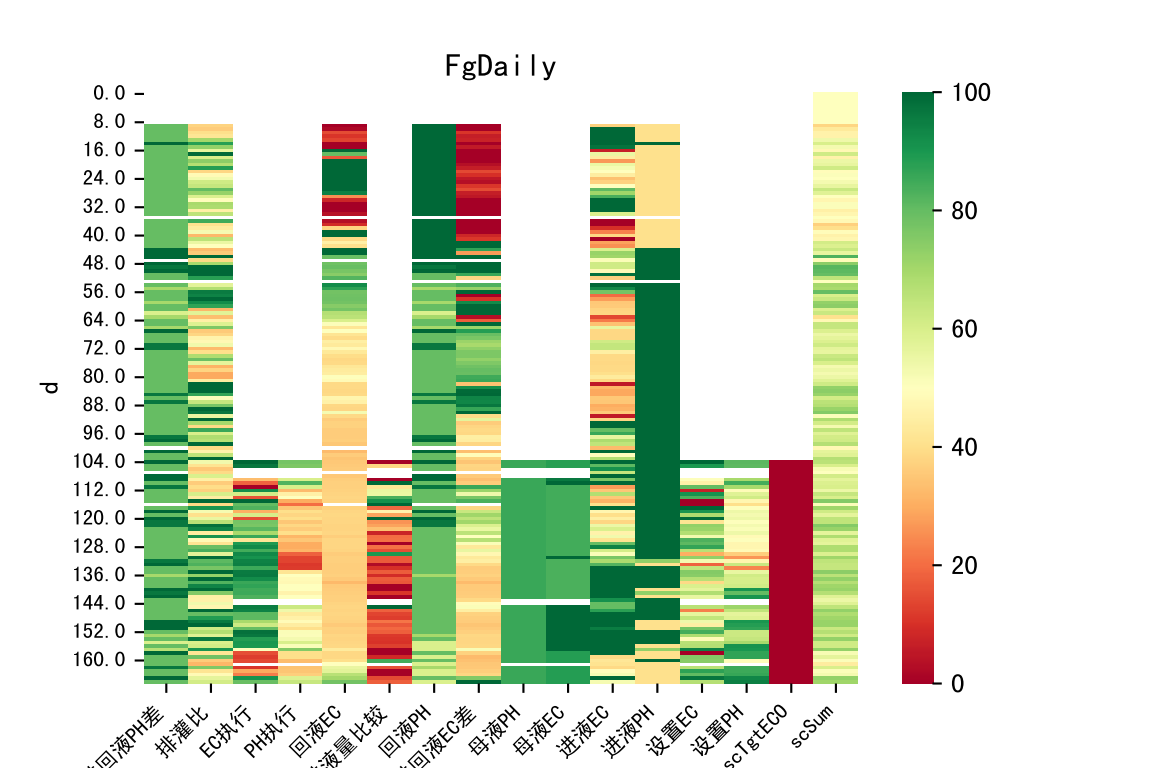




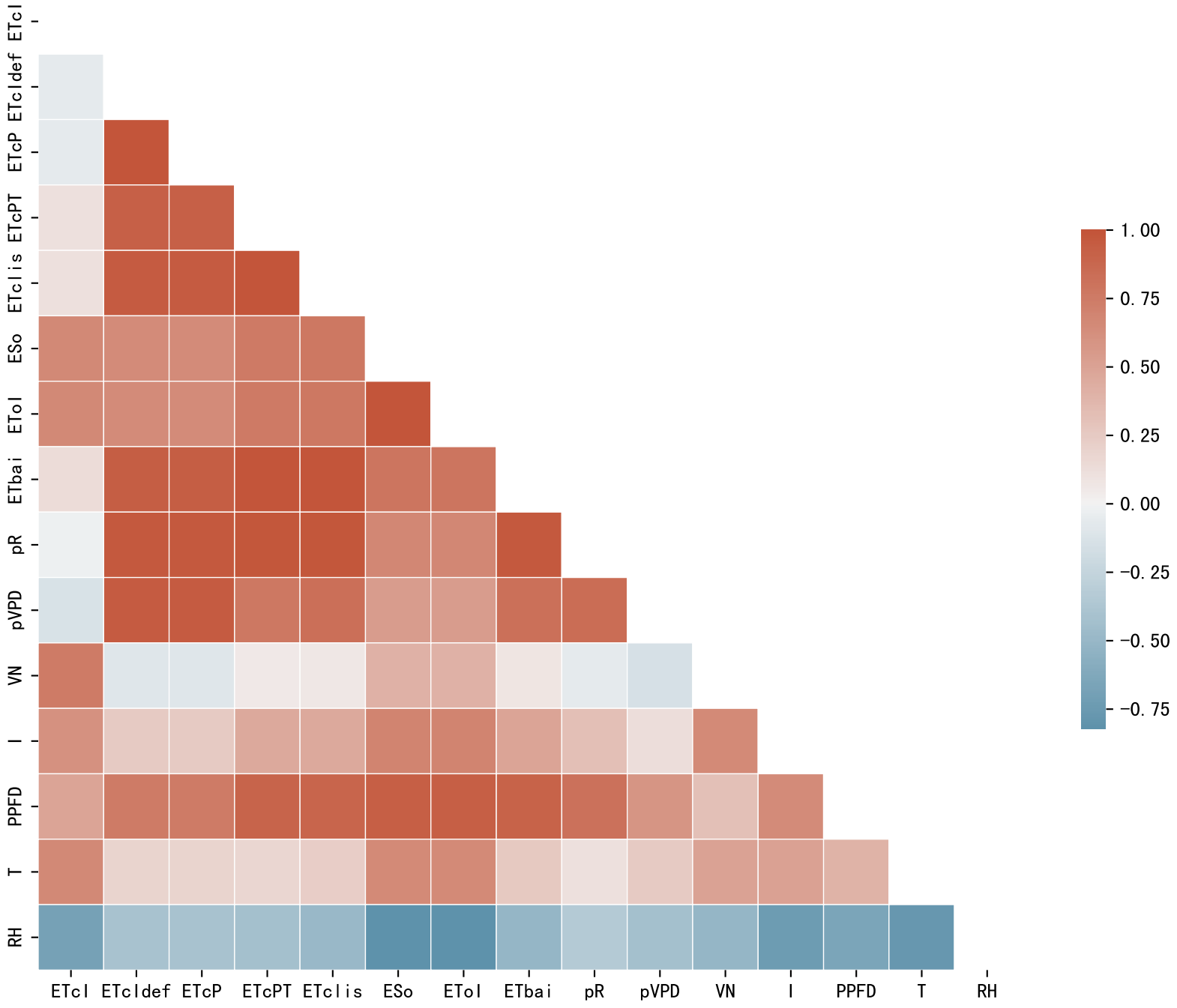
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

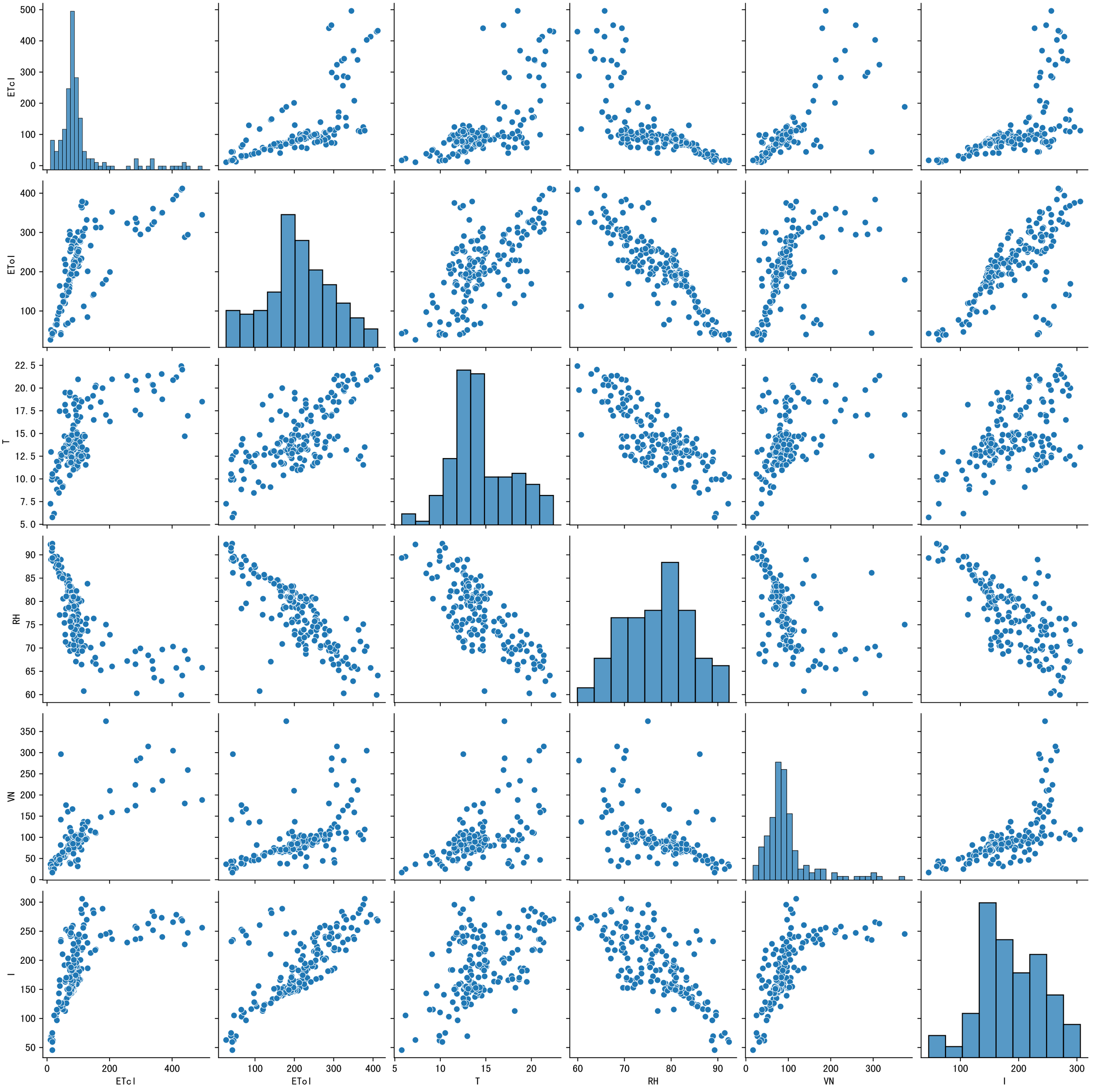


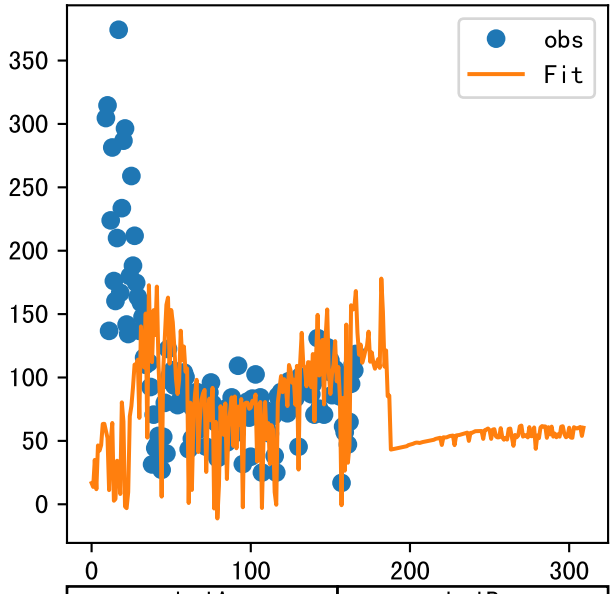

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is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

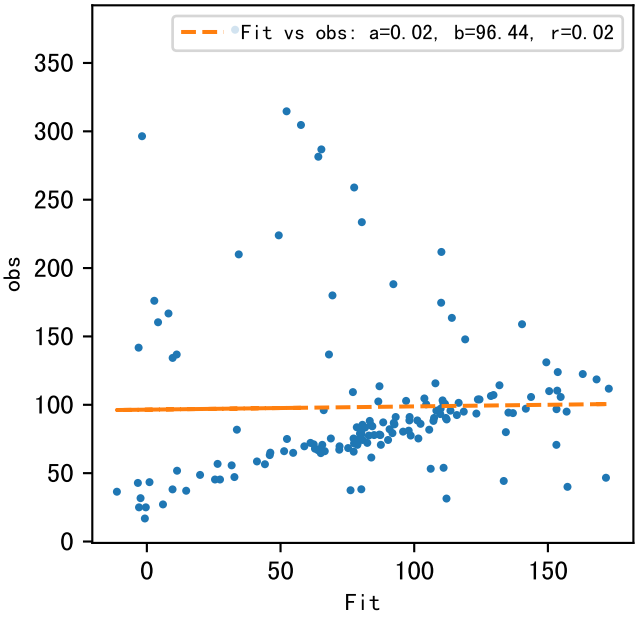

FgDaily
d
0.0
8.0
16.0
24.0
32.0
40.0
48.0
56.0
64.0
72.0
80.0
88.0
96.0
104.0
112.0
120.0
128.0
136.0
144.0
152.0
160.0
100
80
60
40
20
0
回液PH差
排灌比
EC执行
PH执行
回液EC
液量比较
回液PH
回液EC差
母液PH
母液EC
进液EC
进液PH
设置EC
设置PH
scTgtEC0
scSum

P2A2_0
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

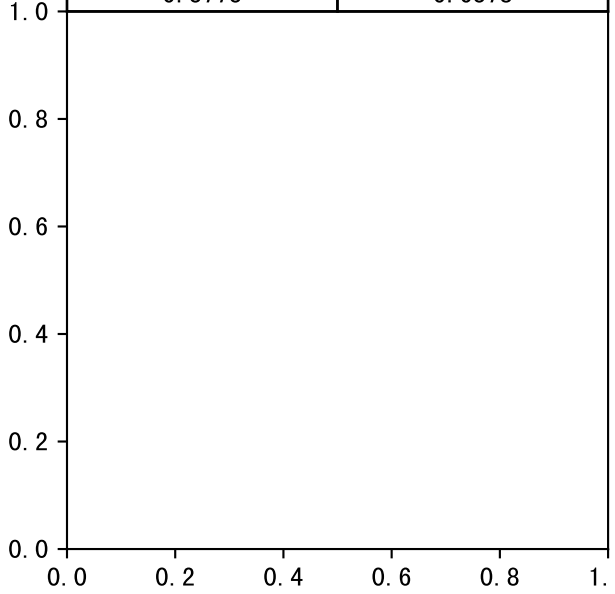

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

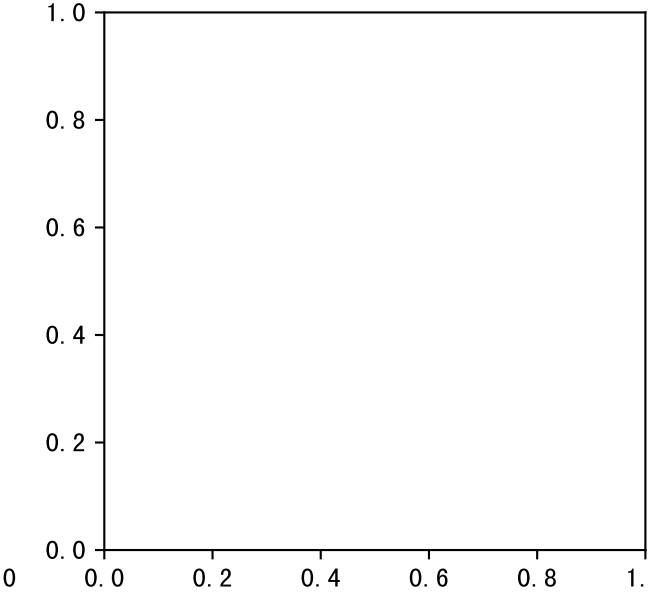

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

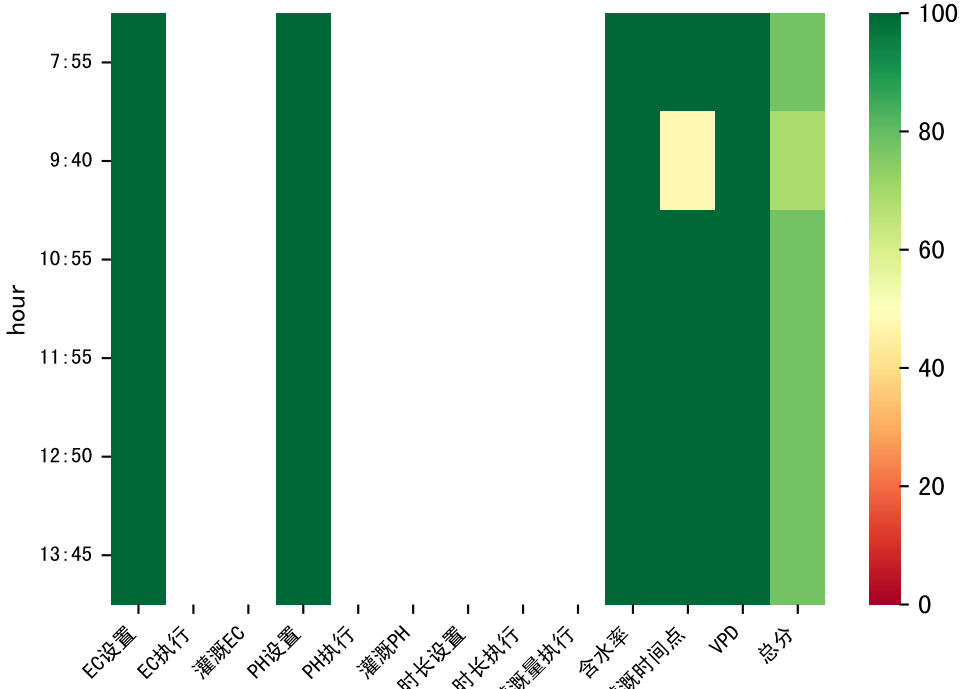




baiA	baiB
0.3773	0.0378

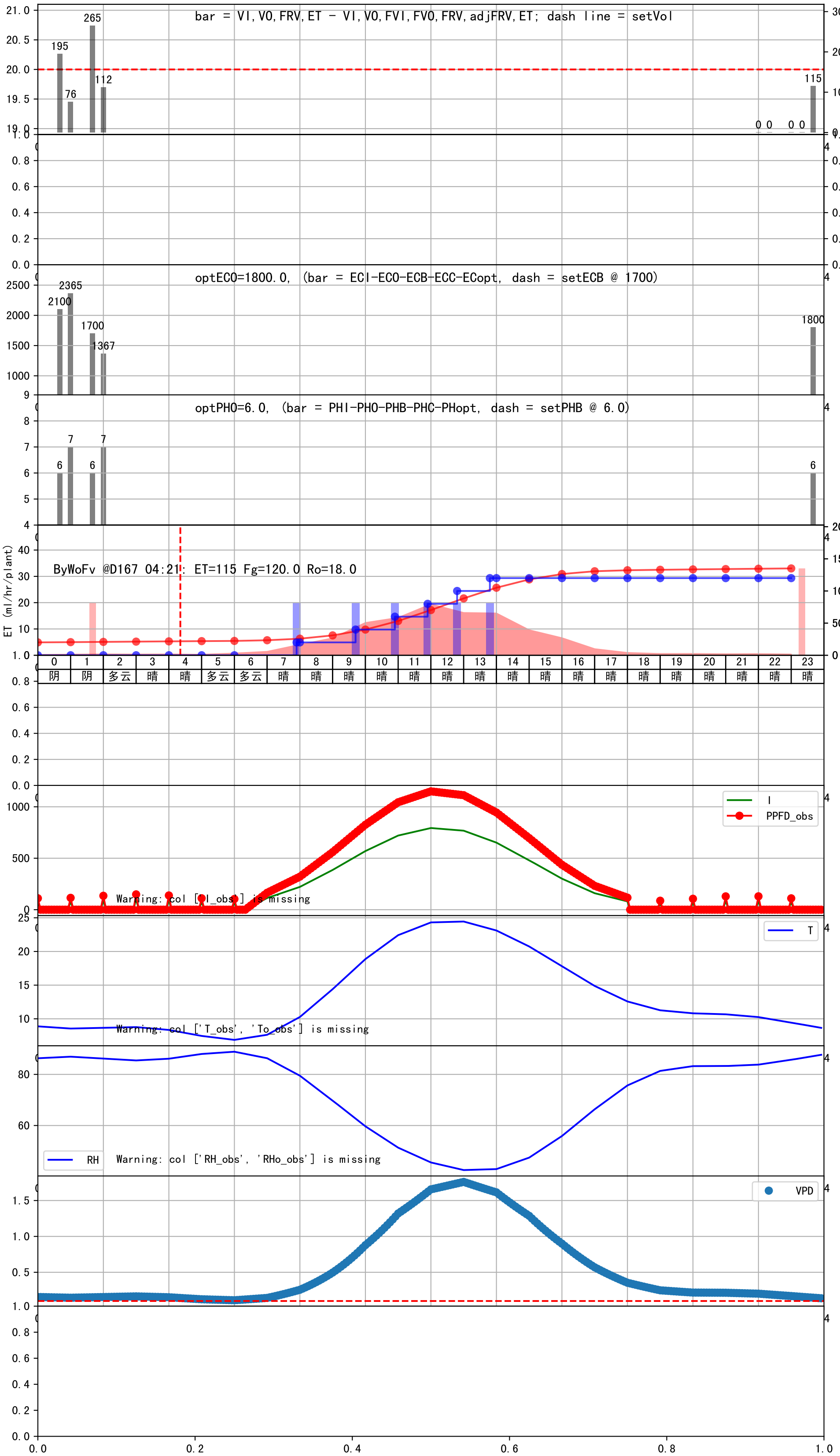


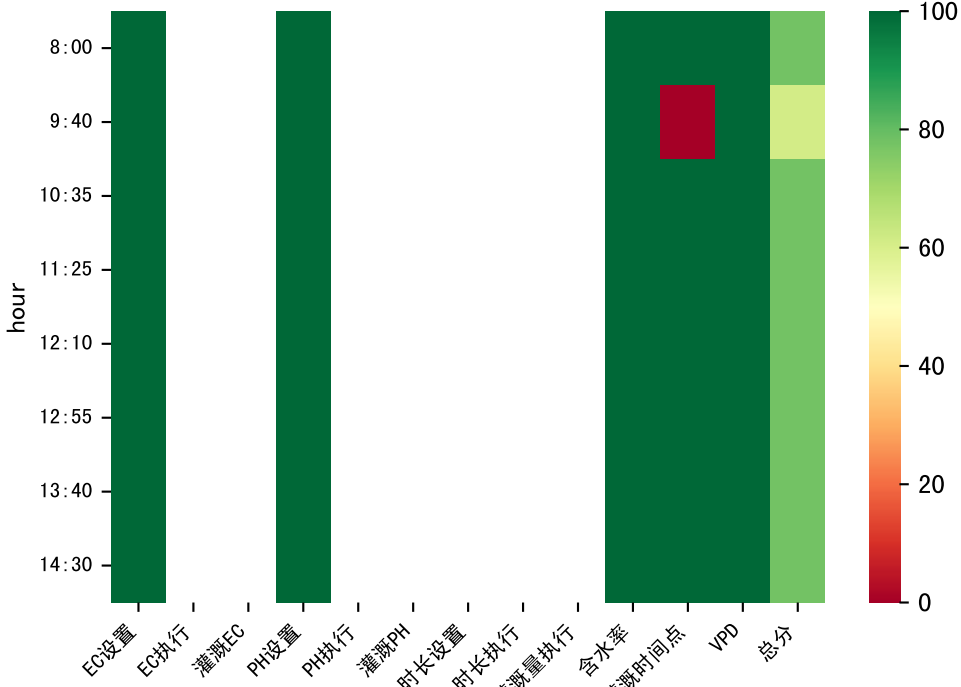



hour
7:55
9:40
10:55
11:55
12:50
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:55	154	20.0	0.441	晴	预期@07:55 自主（未用传感器）
09:40	154	20.0	0.441	晴	预期@09:40 自主（未用传感器）
10:55	154	20.0	0.441	晴	预期@10:55 自主（未用传感器）
11:55	154	20.0	0.441	晴	预期@11:55 自主（未用传感器）
12:50	154	20.0	0.441	晴	预期@12:50 自主（未用传感器）
13:45	154	20.0	0.441	晴	预期@13:45 自主（未用传感器）
总计	924.0 (6次)	120.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=167 (2026-03-10)

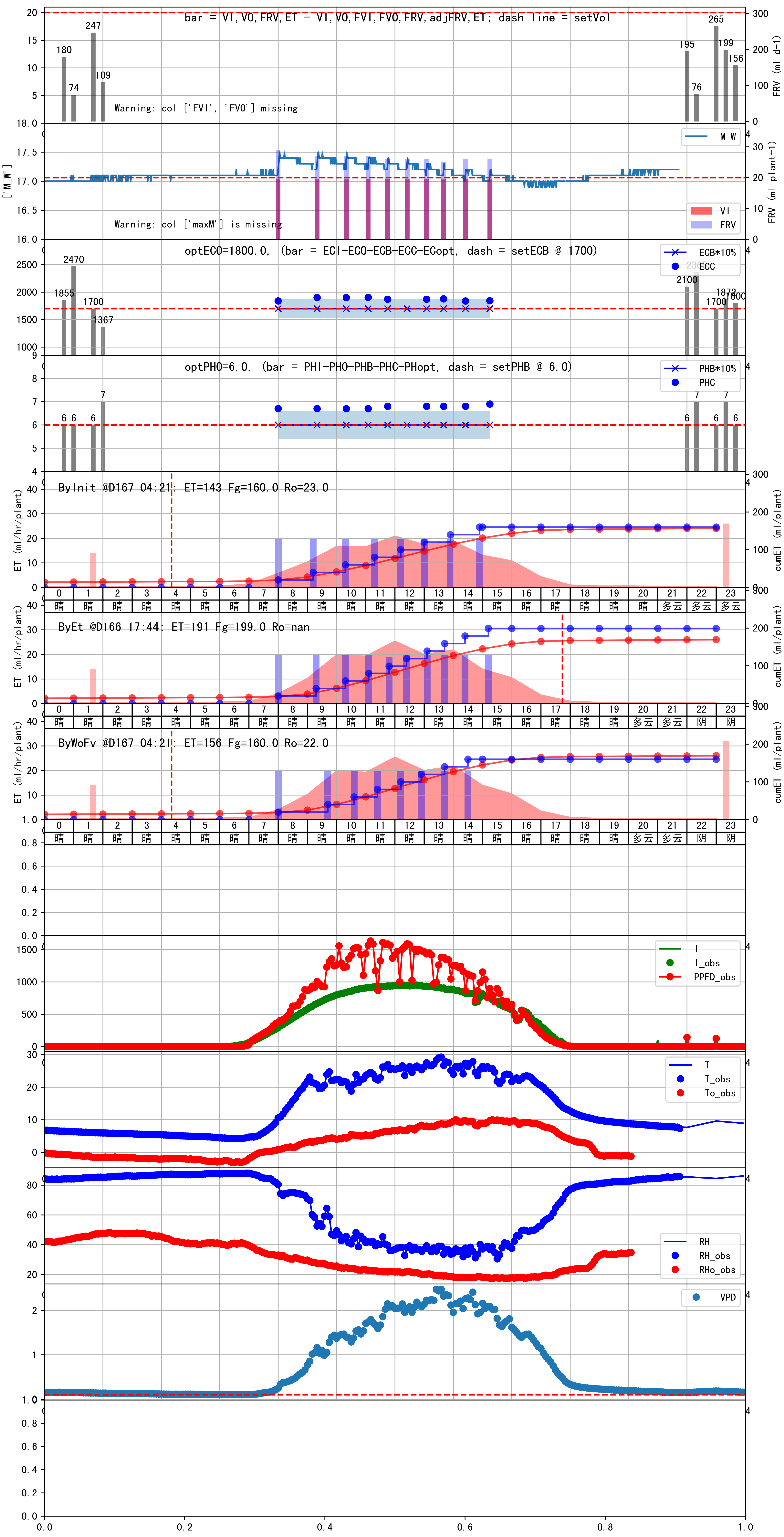


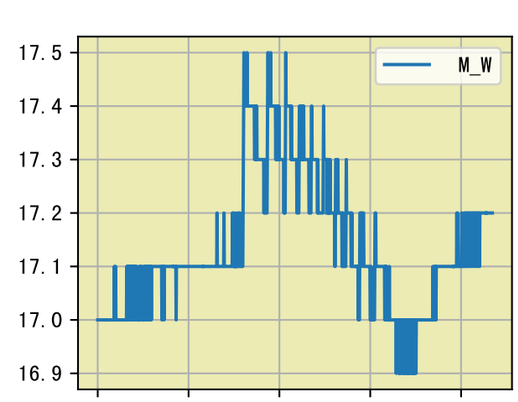

hour
8:00
9:40
10:35
11:25
12:10
12:55
13:40
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

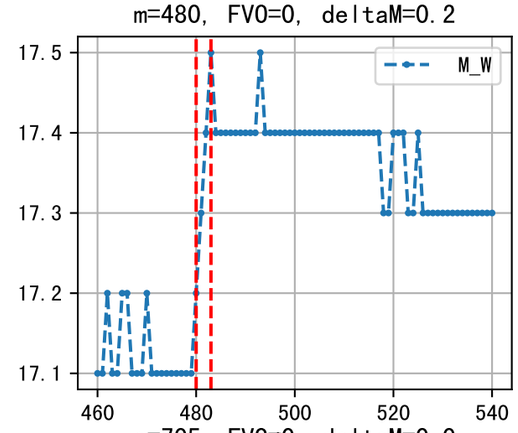
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:00	151	20.0	0.441	晴	假设@08:00 自动（未用传感器）
09:40	151	20.0	0.441	晴	假设@09:40 自动（未用传感器）
10:35	151	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:25	151	20.0	0.441	晴	假设@11:25 自动（未用传感器）
12:10	151	20.0	0.441	晴	假设@12:10 自动（未用传感器）
12:55	151	20.0	0.441	晴	假设@12:55 自动（未用传感器）
13:40	151	20.0	0.441	晴	假设@13:40 自动（未用传感器）
14:30	151	20.0	0.441	晴	假设@14:30 自动（未用传感器）
总计	1208.0 (8次)	160.0			建议进液EC：1700， PH：6.0

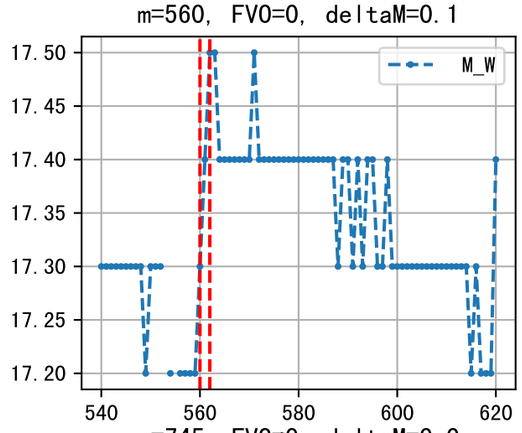
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (26.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

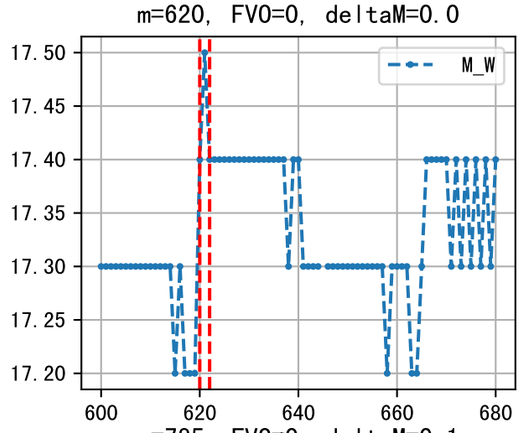
P2A2_0, Day=166.0 (2026-03-09)

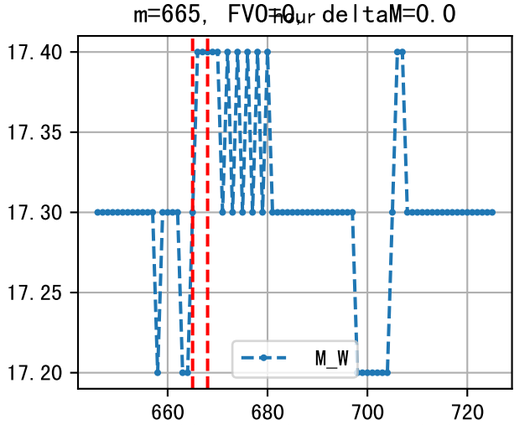


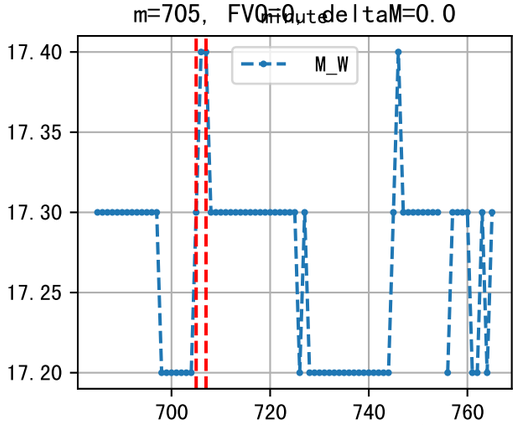

M_W

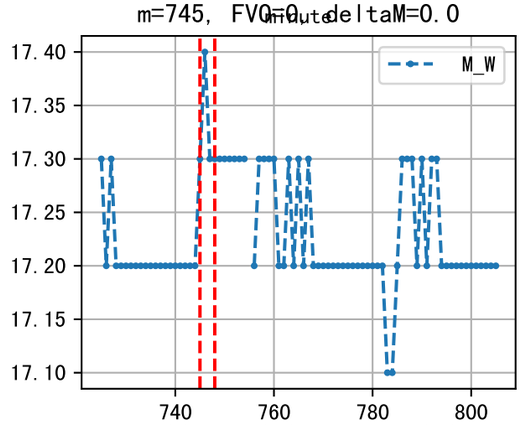

m=480, FV0=0, deltaM=0.2
M_W

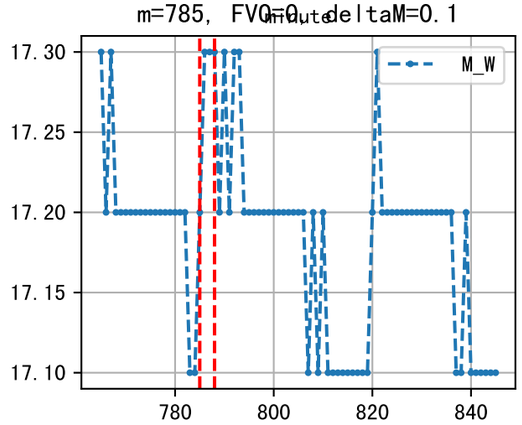

m=560, FV0=0, deltaM=0.1
M_W

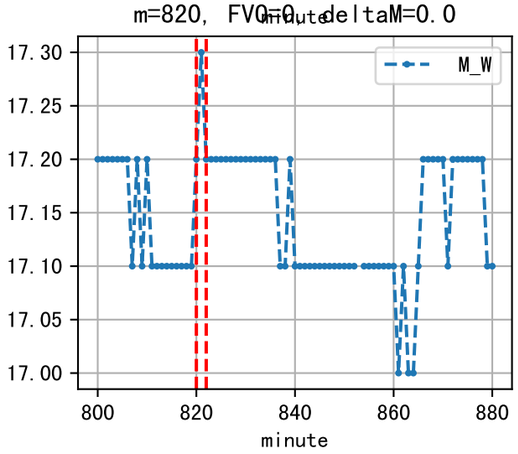

m=620, FV0=0, deltaM=0.0
M_W

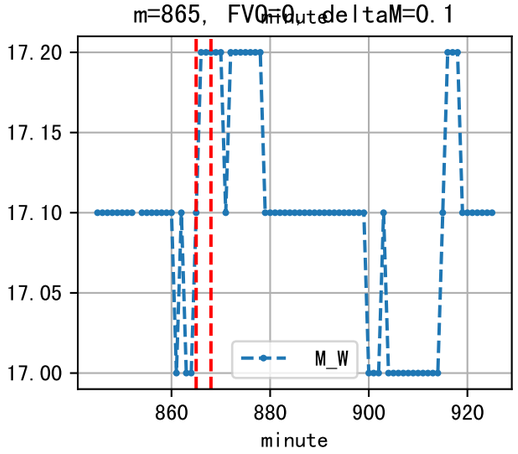

m=665, FV0=0, deltaM=0.0
M_W

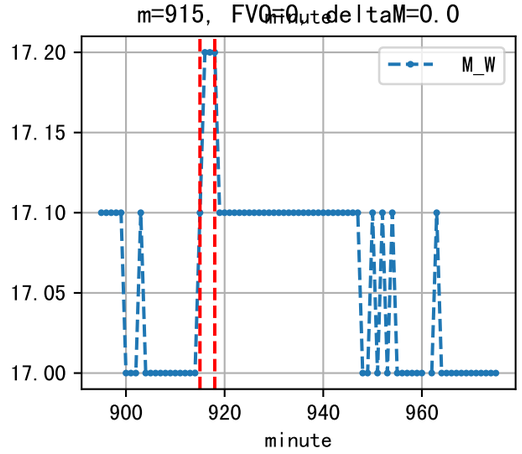

m=705, FV0=0, deltaM=0.0
M_W

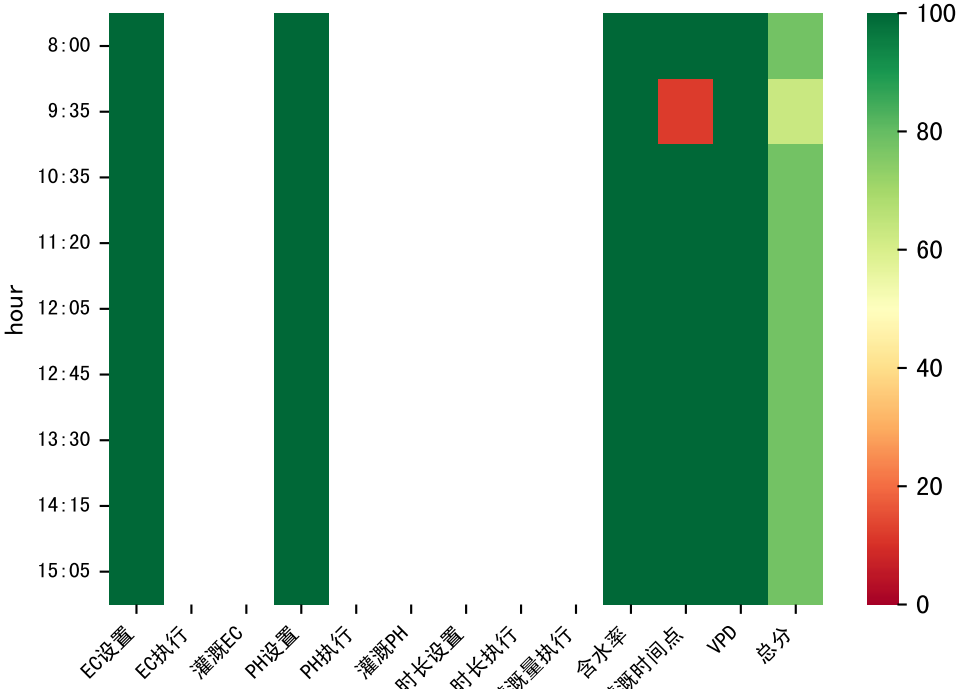

m=745, FV0=0, deltaM=0.0
M_W


m=785, FV0=0, deltaM=0.1
M_W
minute


m=820, FV0=0, deltaM=0.0
M_W
minute


m=865, FV0=0, deltaM=0.1
M_W
minute

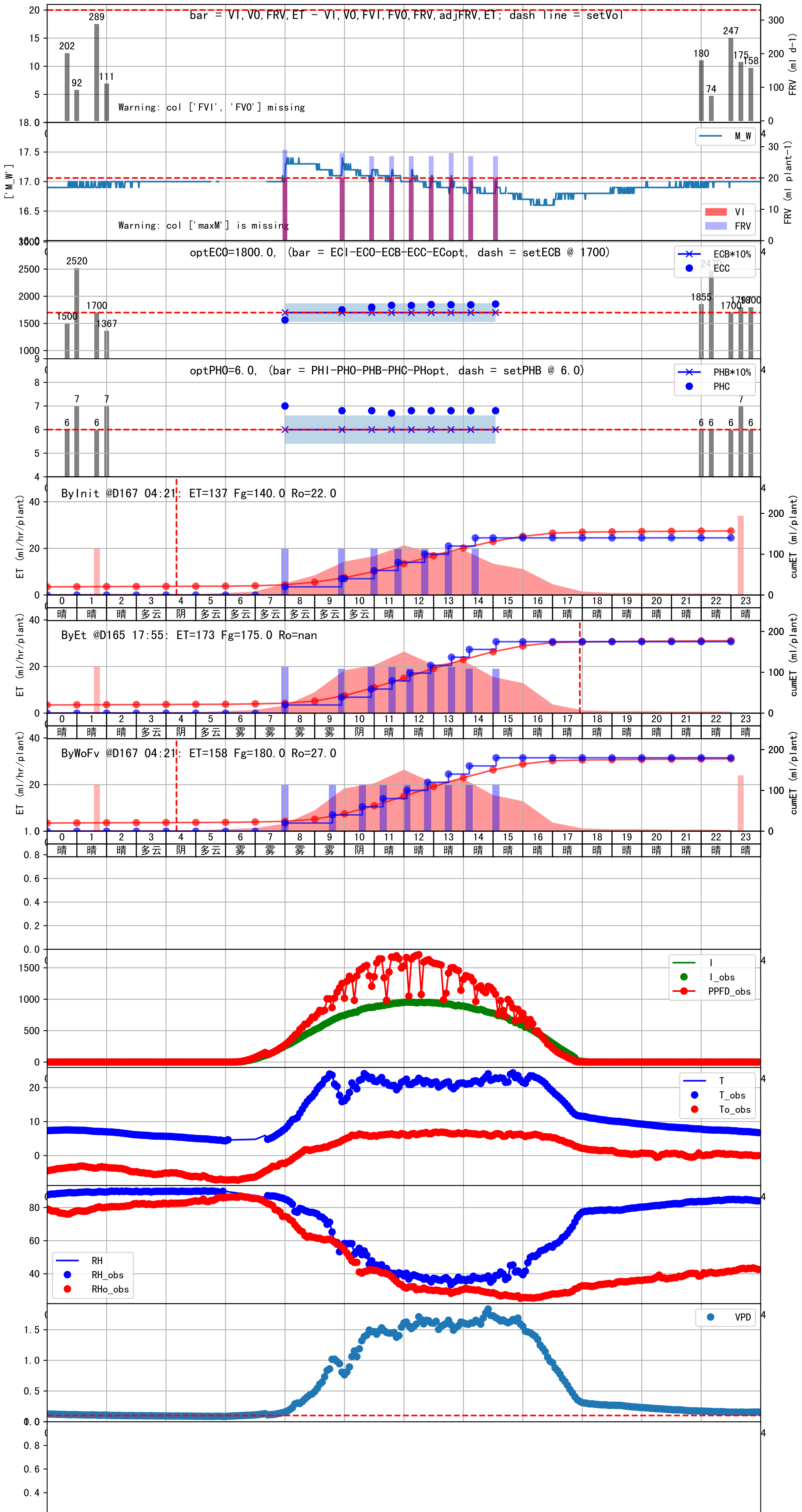

m=915, FV0=0, deltaM=0.0
M_W
minute

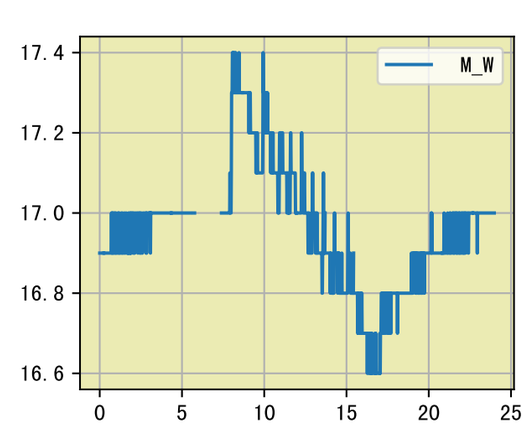

hour
8:00
9:35
10:35
11:20
12:05
12:45
13:30
14:15
15:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

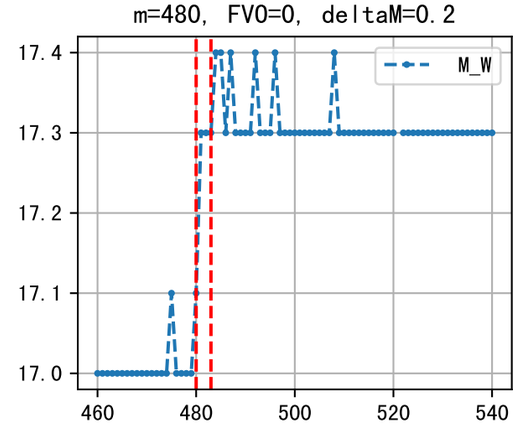
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:00	151	20.0	0.441	雾	假设@08:00 自动（未用传感器）
09:35	151	20.0	0.441	雾	假设@09:35 自动（未用传感器）
10:35	151	20.0	0.441	阴	假设@10:35 自动（未用传感器）
11:20	151	20.0	0.441	晴	假设@11:20 自动（未用传感器）
12:05	151	20.0	0.441	晴	假设@12:05 自动（未用传感器）
12:45	151	20.0	0.441	晴	假设@12:45 自动（未用传感器）
13:30	151	20.0	0.441	晴	假设@13:30 自动（未用传感器）
14:15	151	20.0	0.441	晴	假设@14:15 自动（未用传感器）
15:05	151	20.0	0.441	晴	假设@15:05 自动（未用传感器）
总计	1359.0 (9次)	180.0			建议进液EC：1700， PH：6.0

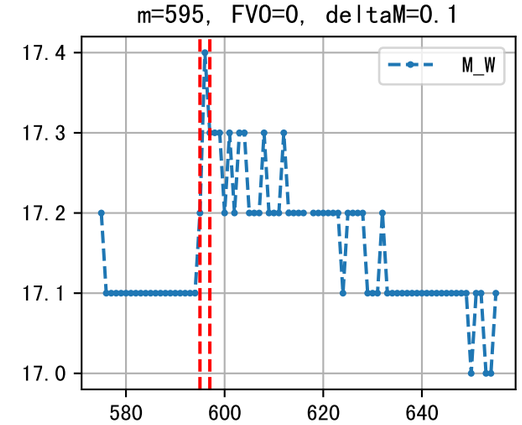
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

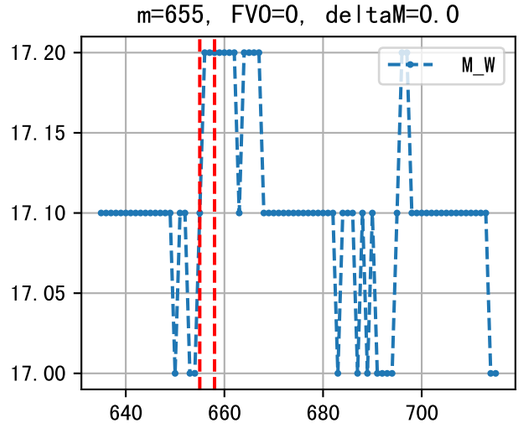
P2A2_0, Day=165.0 (2026-03-08)

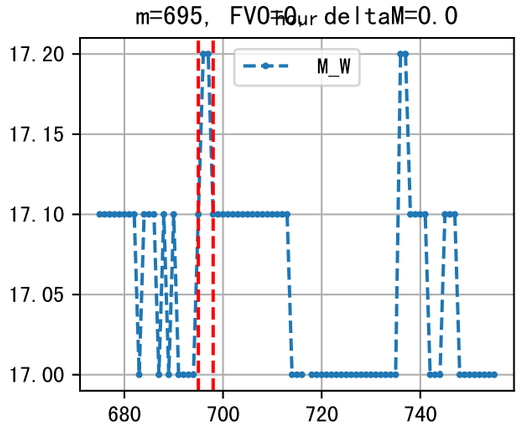


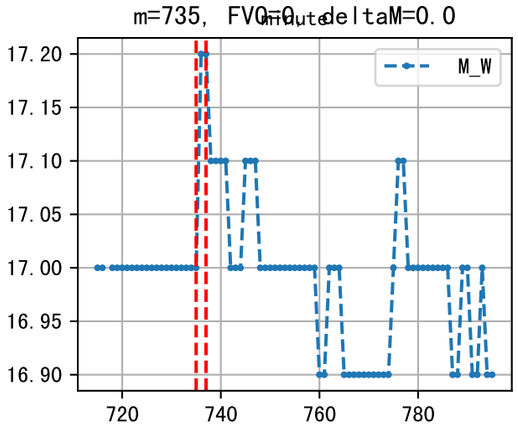

M_W
17.4
17.2
17.0
16.8
16.6
0
5
10
15
20
25

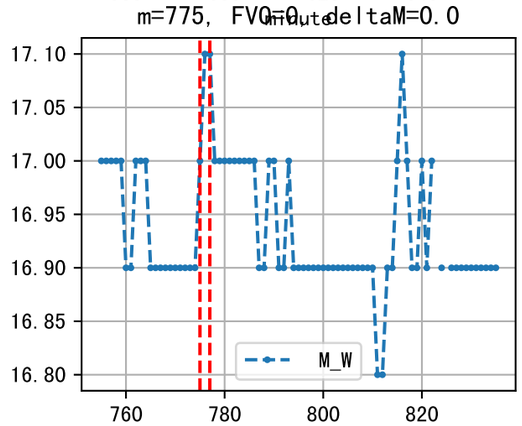

m=480, FV0=0, deltaM=0.2
M_W
17.4
17.3
17.2
17.1
17.0
460
480
500
520
540

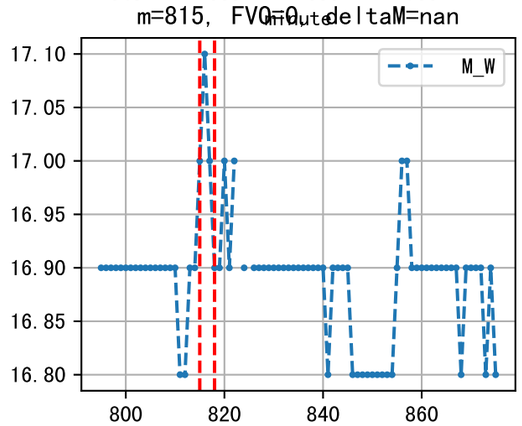

m=595, FV0=0, deltaM=0.1
M_W
17.4
17.3
17.2
17.1
17.0
580
600
620
640

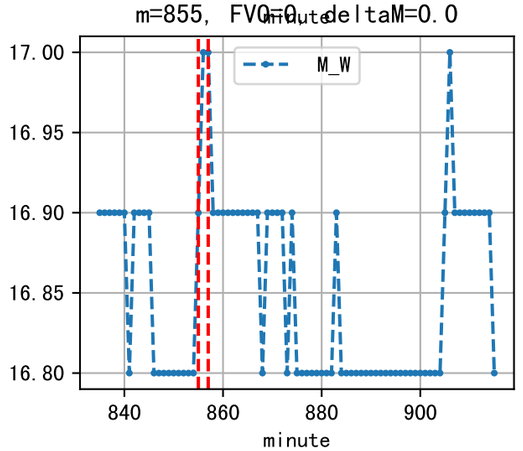

m=655, FV0=0, deltaM=0.0
M_W
17.20
17.15
17.10
17.05
17.00
640
660
680
700

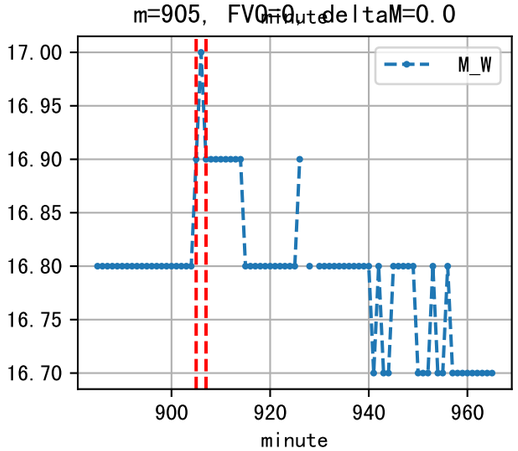

m=695, FV0=0, deltaM=0.0
M_W
17.20
17.15
17.10
17.05
17.00
680
700
720
740

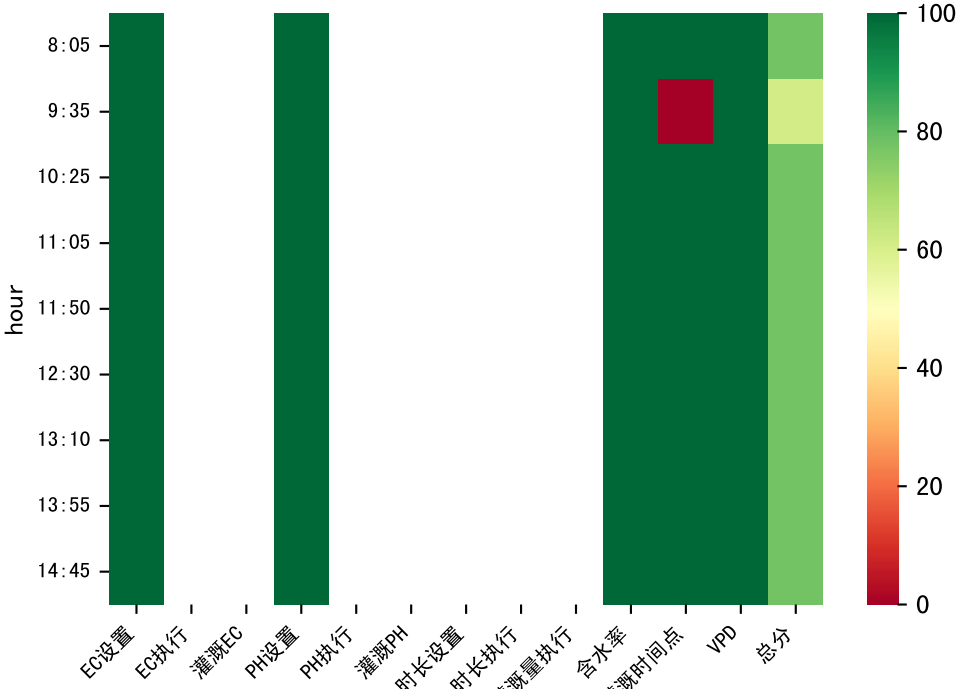

m=735, FV0=0, deltaM=0.0
M_W
17.20
17.15
17.10
17.05
17.00
16.95
16.90
720
740
760
780


m=775, FV0=0, deltaM=0.0
M_W
17.10
17.05
17.00
16.95
16.90
16.85
16.80
760
780
800
820
minute


m=815, FV0=0, deltaM=nan
M_W
17.10
17.05
17.00
16.95
16.90
16.85
16.80
800
820
840
860
minute


m=855, FV0=0, deltaM=0.0
M_W
17.00
16.95
16.90
16.85
16.80
840
860
880
900
minute

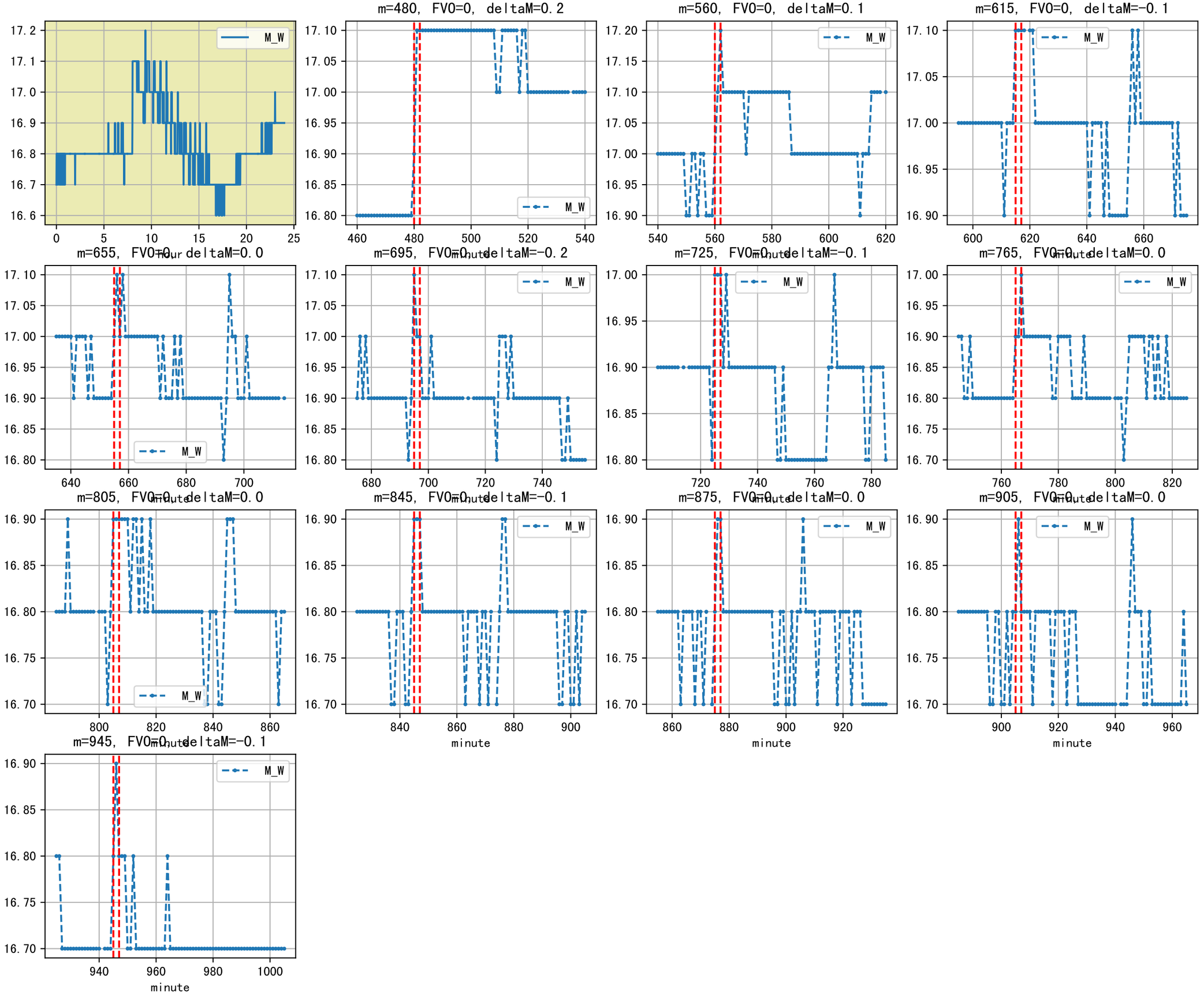

m=905, FV0=0, deltaM=0.0
M_W
17.00
16.95
16.90
16.85
16.80
16.75
16.70
900
920
940
960
minute

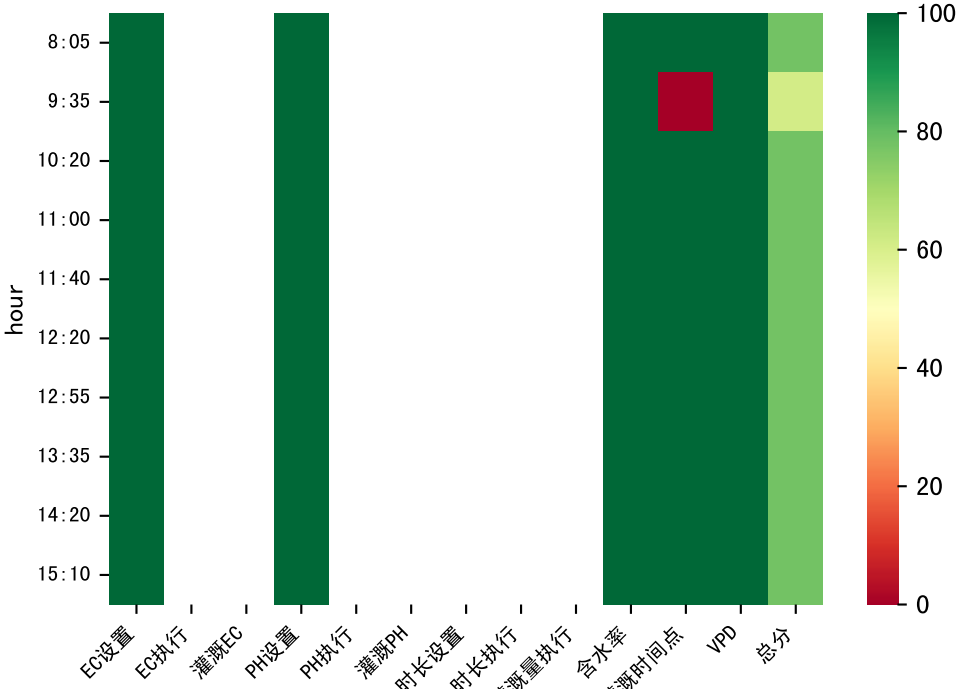

hour
8:05
9:35
10:25
11:05
11:50
12:30
13:10
13:55
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:05	129	20.0	0.441	雾	假设@08:05 自动（未用传感器）
09:35	129	20.0	0.441	雾	假设@09:35 自动（未用传感器）
10:25	129	20.0	0.441	晴	假设@10:25 自动（未用传感器）
11:05	129	20.0	0.441	晴	假设@11:05 自动（未用传感器）
11:50	129	20.0	0.441	晴	假设@11:50 自动（未用传感器）
12:30	129	20.0	0.441	晴	假设@12:30 自动（未用传感器）
13:10	129	20.0	0.441	晴	假设@13:10 自动（未用传感器）
13:55	129	20.0	0.441	晴	假设@13:55 自动（未用传感器）
14:45	129	20.0	0.441	多云	假设@14:45 自动（未用传感器）
总计	1161.0 (9次)	180.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (24.0 : 17.0)，可能由于一阀多区不均匀
上次灌溉时长(121)与预期(143.0)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=164.0 (2026-03-07)

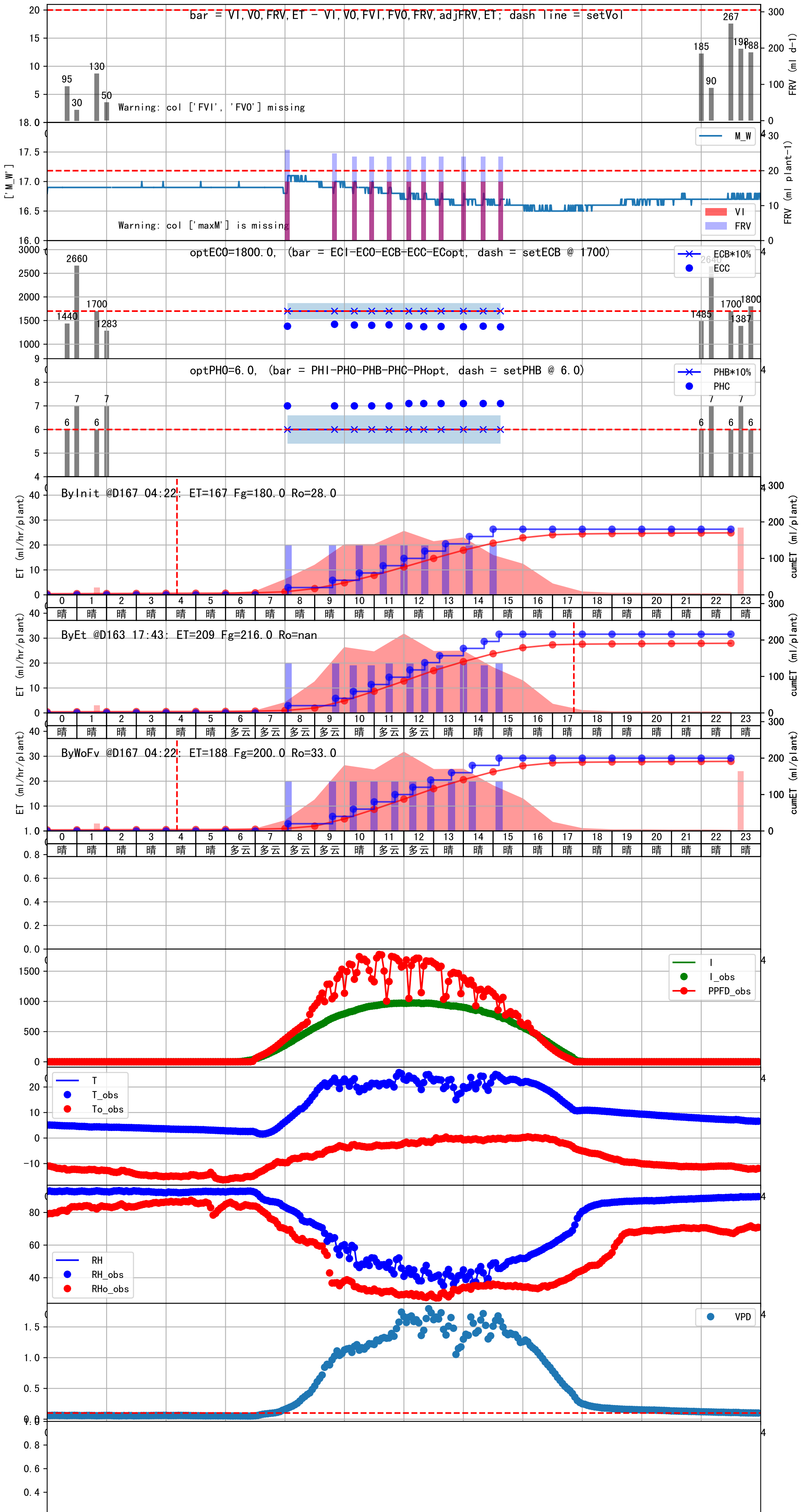

m=480, FV0=0, deltaM=0.2
m=560, FV0=0, deltaM=0.1
m=615, FV0=0, deltaM=-0.1
m=655, FV0=0, deltaM=0.0
m=695, FV0=0, deltaM=-0.2
m=725, FV0=0, deltaM=-0.1
m=765, FV0=0, deltaM=0.0
m=805, FV0=0, deltaM=0.0
m=845, FV0=0, deltaM=-0.1
m=875, FV0=0, deltaM=0.0
m=905, FV0=0, deltaM=0.0
m=945, FV0=0, deltaM=-0.1
M_W
minute

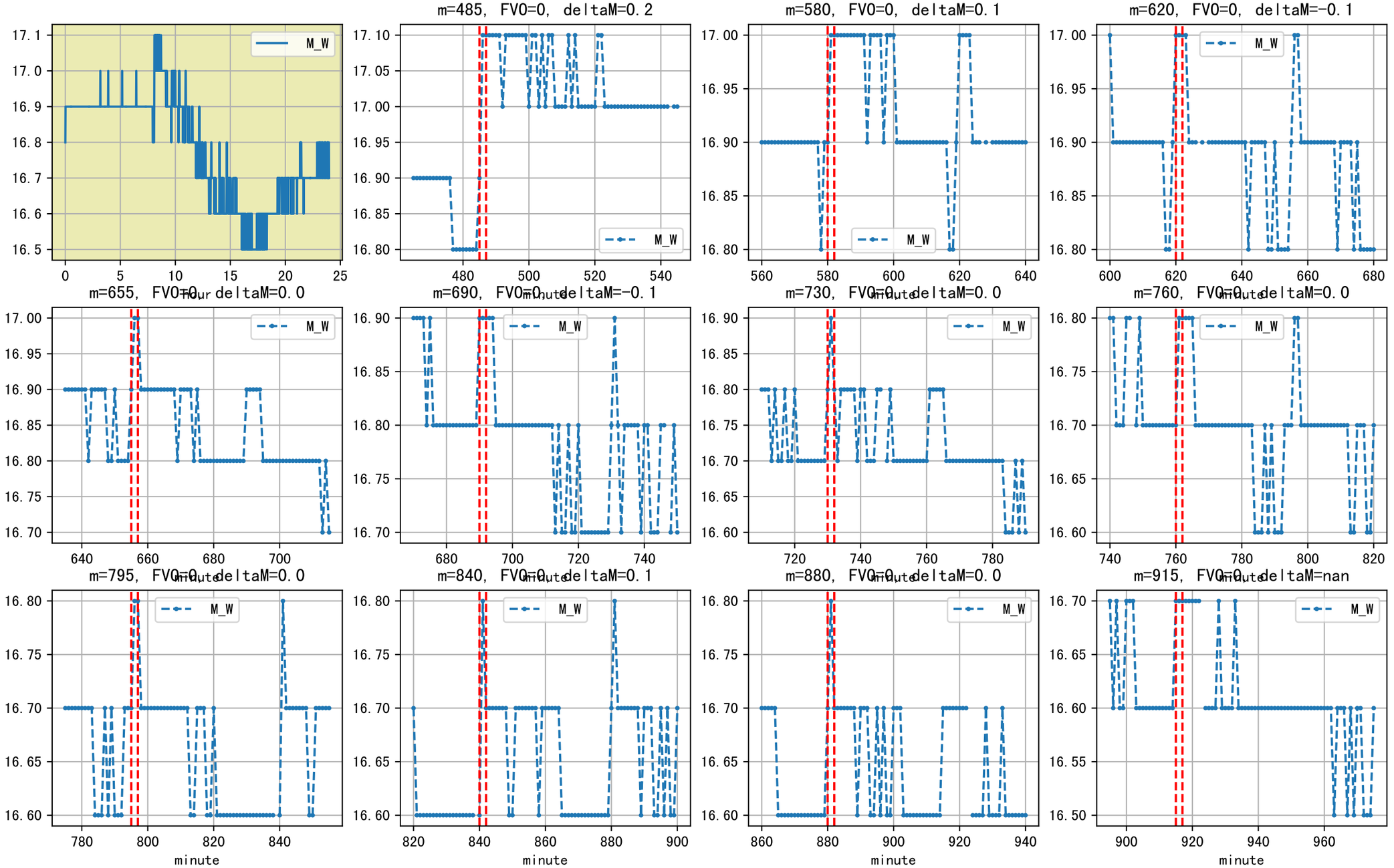

hour
8:05
9:35
10:20
11:00
11:40
12:20
12:55
13:35
14:20
15:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:05	131	20.0	0.441	多云	假设@08:05 自动（未用传感器）
09:35	131	20.0	0.441	多云	假设@09:35 自动（未用传感器）
10:20	131	20.0	0.441	晴	假设@10:20 自动（未用传感器）
11:00	131	20.0	0.441	多云	假设@11:00 自动（未用传感器）
11:40	131	20.0	0.441	多云	假设@11:40 自动（未用传感器）
12:20	131	20.0	0.441	多云	假设@12:20 自动（未用传感器）
12:55	131	20.0	0.441	多云	假设@12:55 自动（未用传感器）
13:35	131	20.0	0.441	晴	假设@13:35 自动（未用传感器）
14:20	131	20.0	0.441	晴	假设@14:20 自动（未用传感器）
15:10	131	20.0	0.441	晴	假设@15:10 自动（未用传感器）
总计	1310.0 (10次)	200.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (24.0 : 18.0)，可能由于一阀多区不均匀
默认实际灌溉18.0 ml.

P2A2_0, Day=163.0 (2026-03-06)




m=485, FVO=0, deltaM=0.2
m=580, FVO=0, deltaM=0.1
m=620, FVO=0, deltaM=-0.1
m=655, FVO=0, deltaM=0.0
m=690, FVO=0, deltaM=-0.1
m=730, FVO=0, deltaM=0.0
m=760, FVO=0, deltaM=0.0
m=795, FVO=0, deltaM=0.0
m=840, FVO=0, deltaM=0.1
m=880, FVO=0, deltaM=0.0
m=915, FVO=0, deltaM=nan
M_W
minute