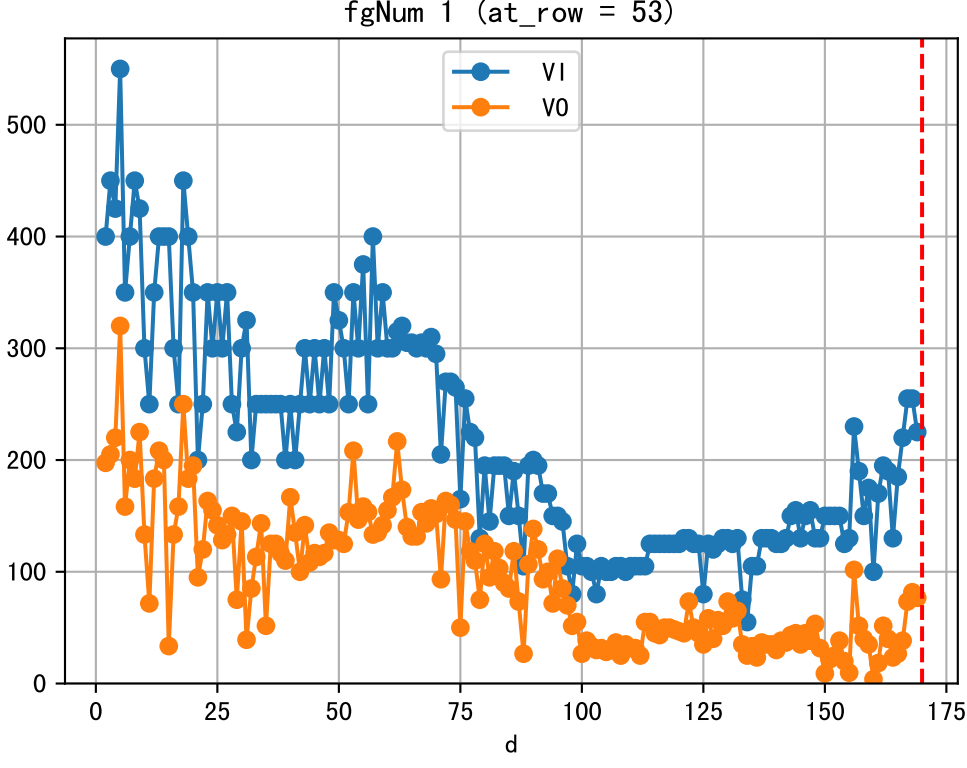
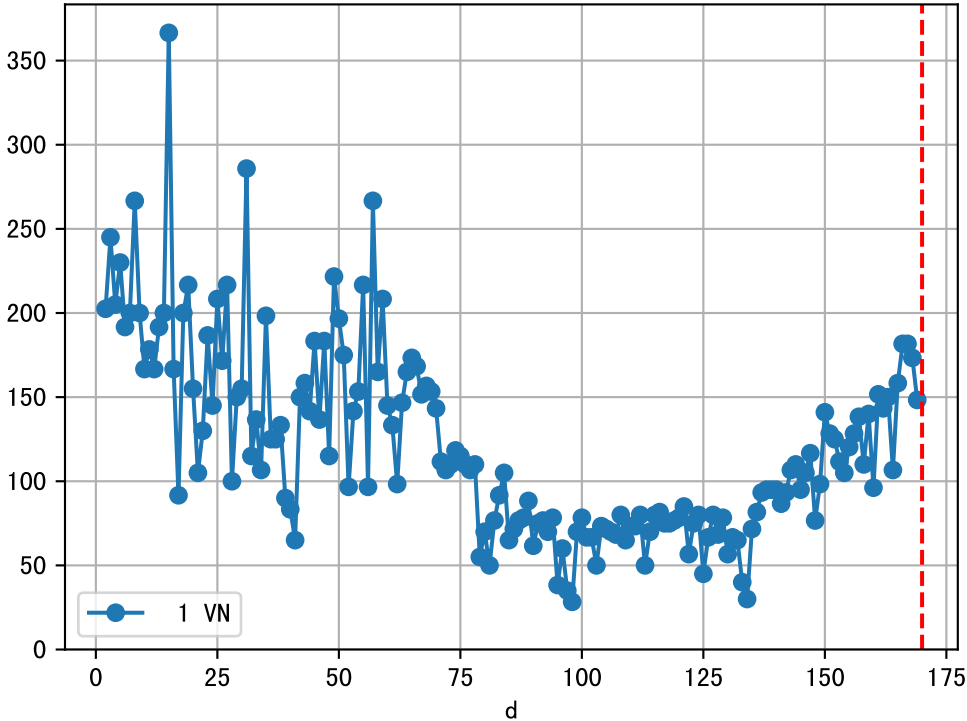
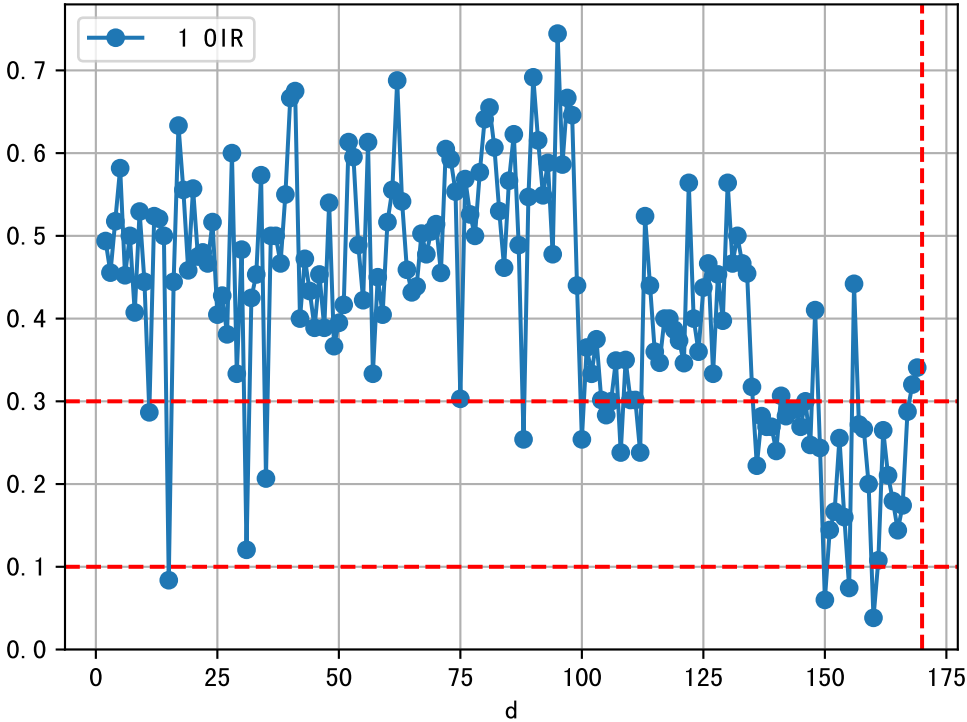
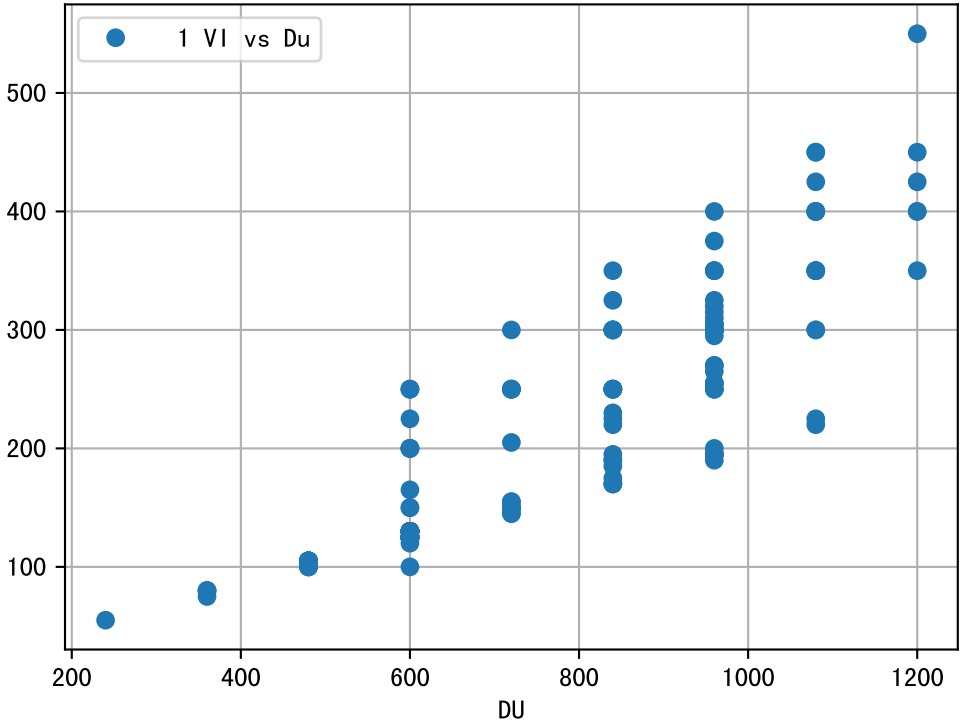
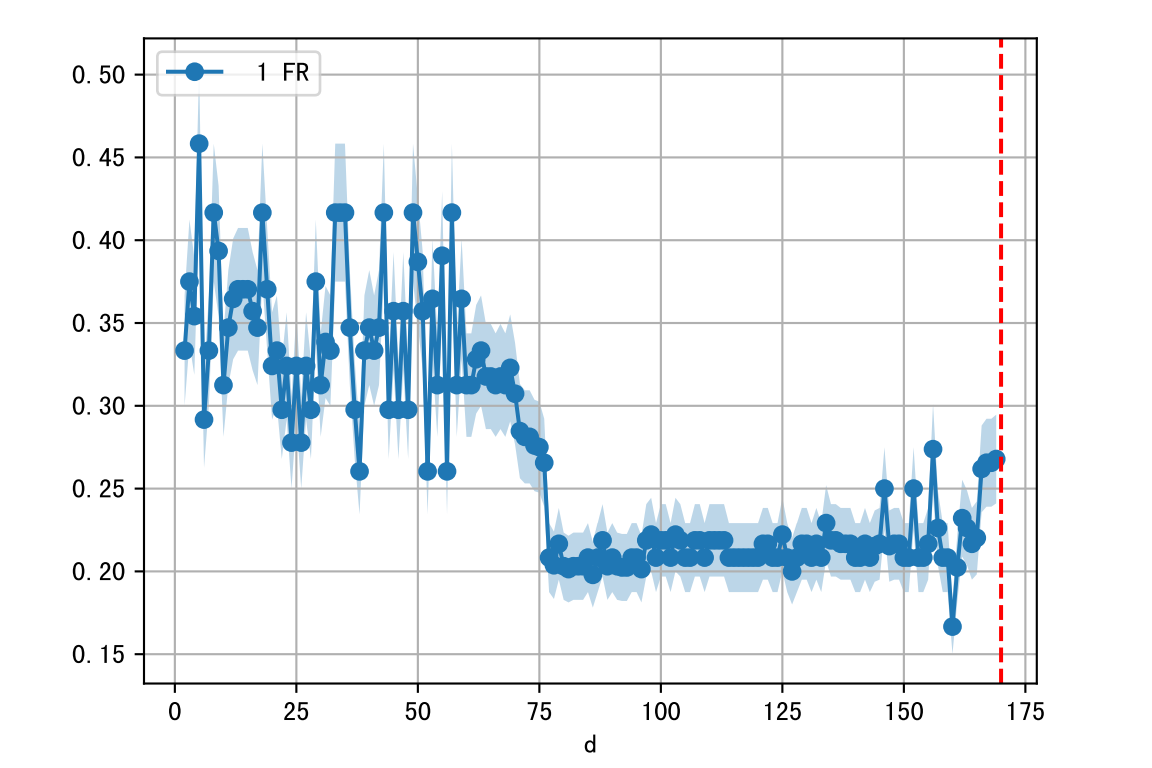
FgArea: ['0']
NC11 P2-11
2026-02-23 (Day 170)

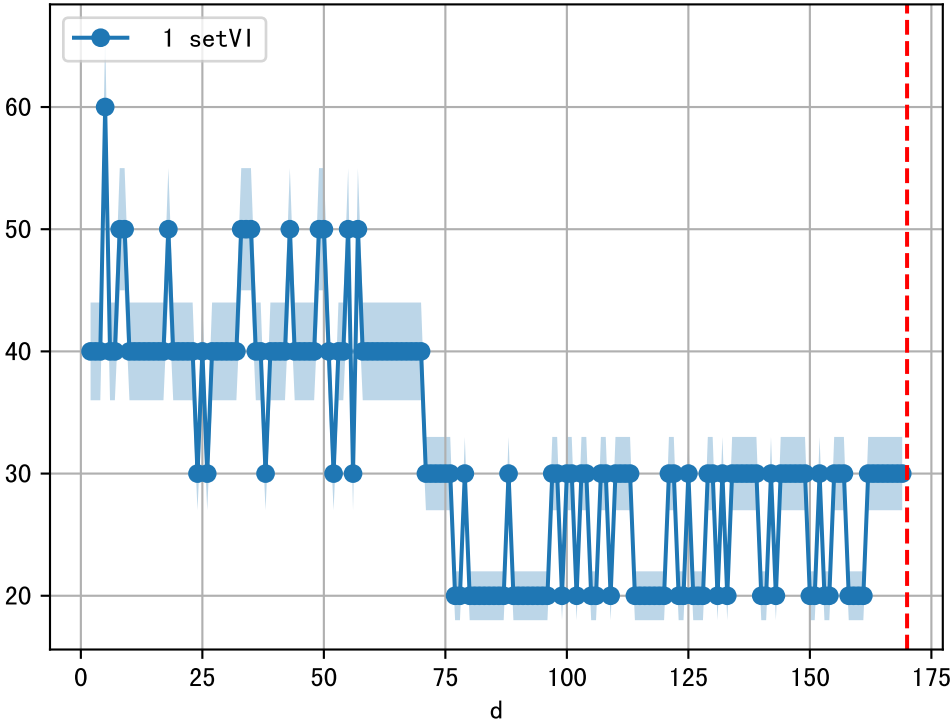

fgNum 1 (at_row = 53)
VI
VO
500
400
300
200
100
0
0
25
50
75
100
125
150
175
d

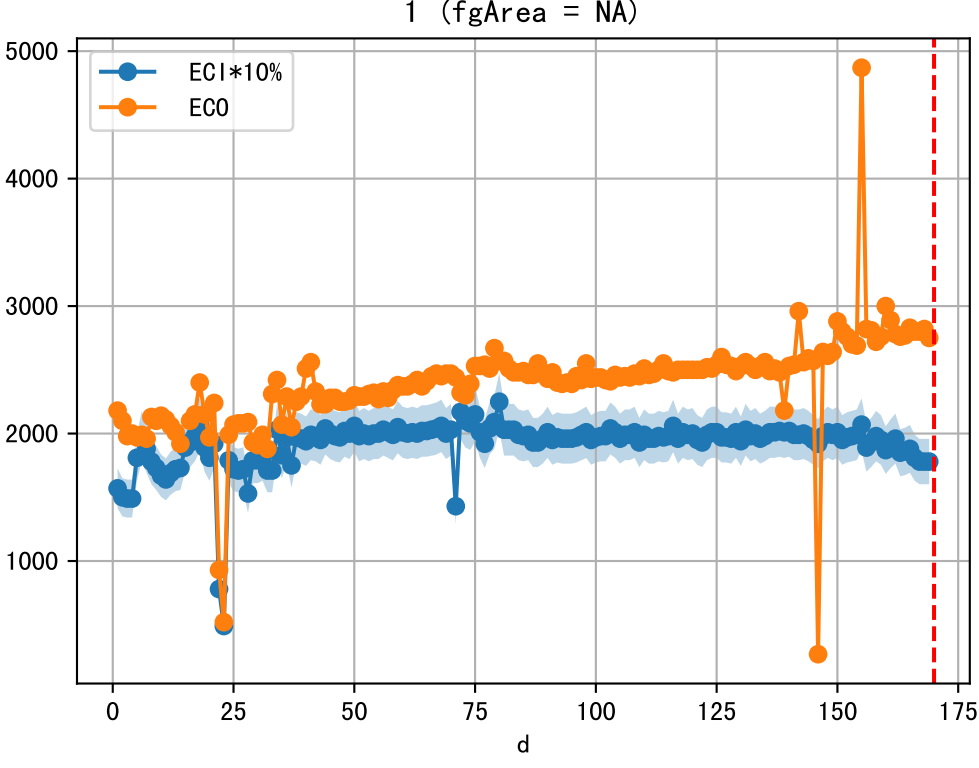

350
300
250
200
150
100
50
0
0
25
50
75
100
125
150
175
d
1 VN

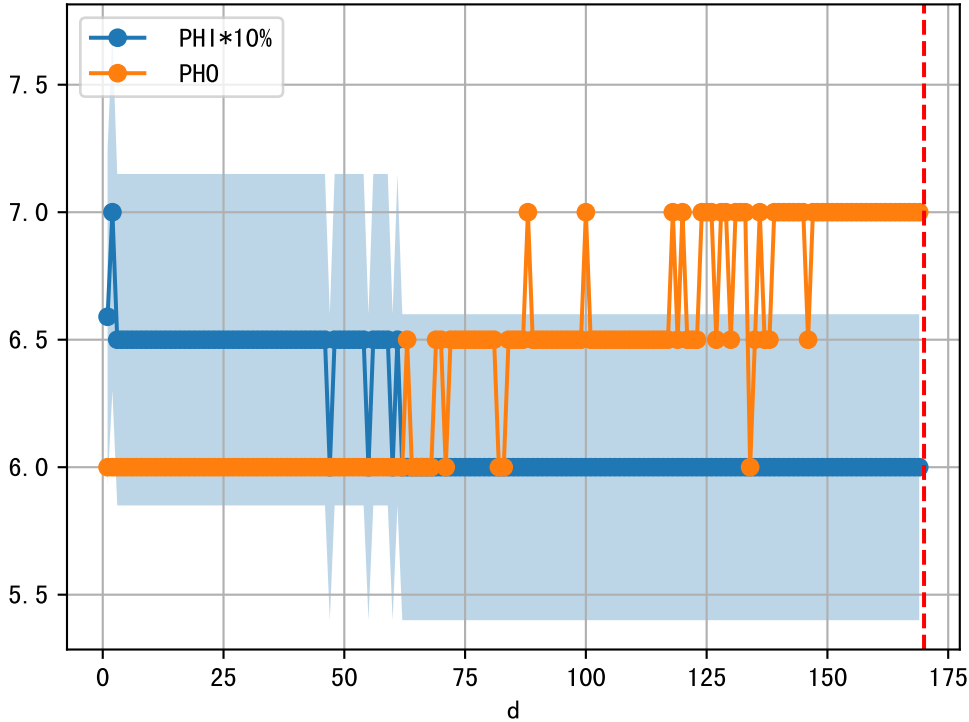

1 OIR
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
25
50
75
100
125
150
175
d

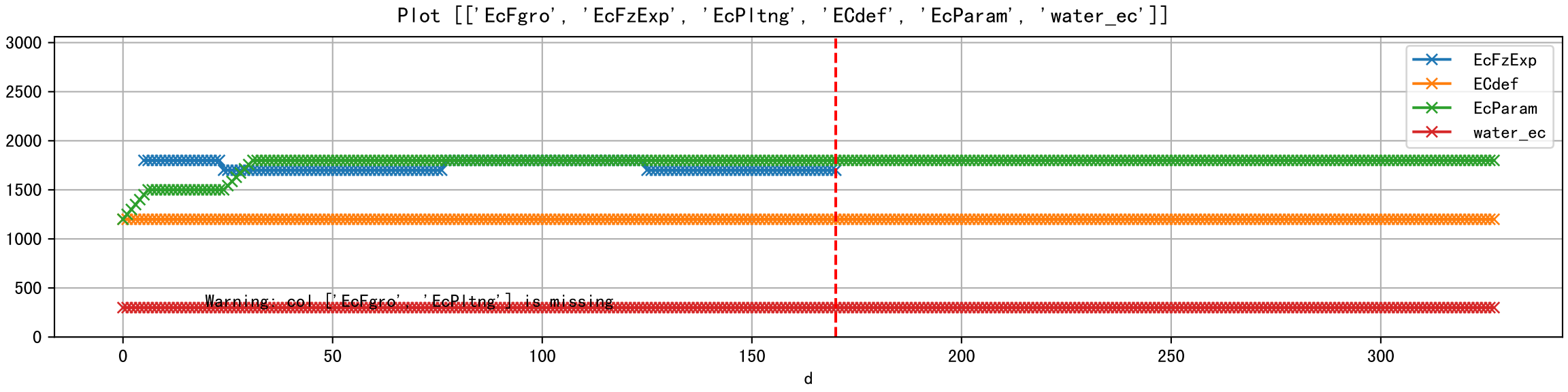

1 VI vs Du
500
400
300
200
100
200
400
600
800
1000
1200
DU

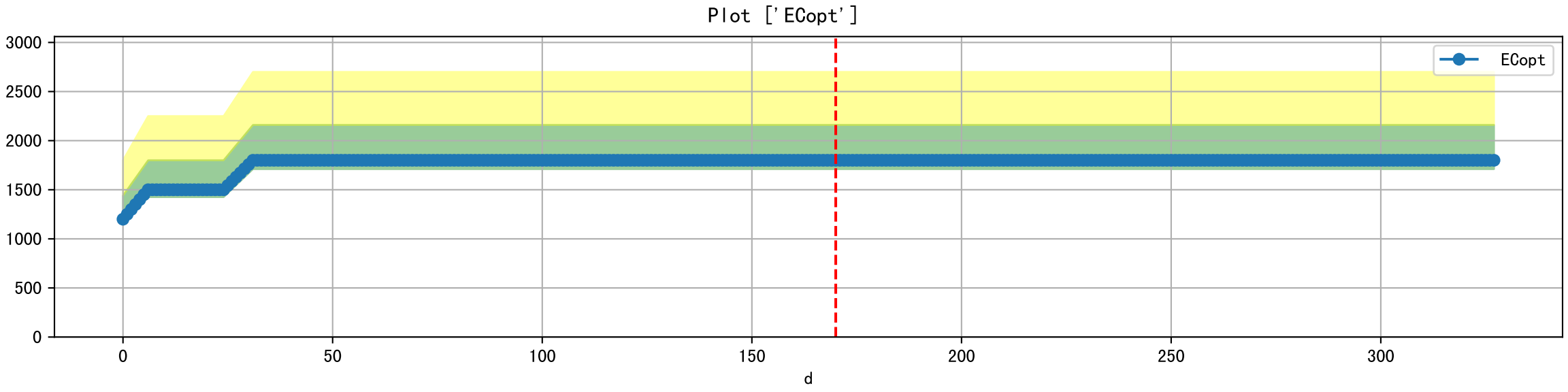

1 FR
0. 50
0. 45
0. 40
0. 35
0. 30
0. 25
0. 20
0. 15
0
25
50
75
100
125
150
175
d

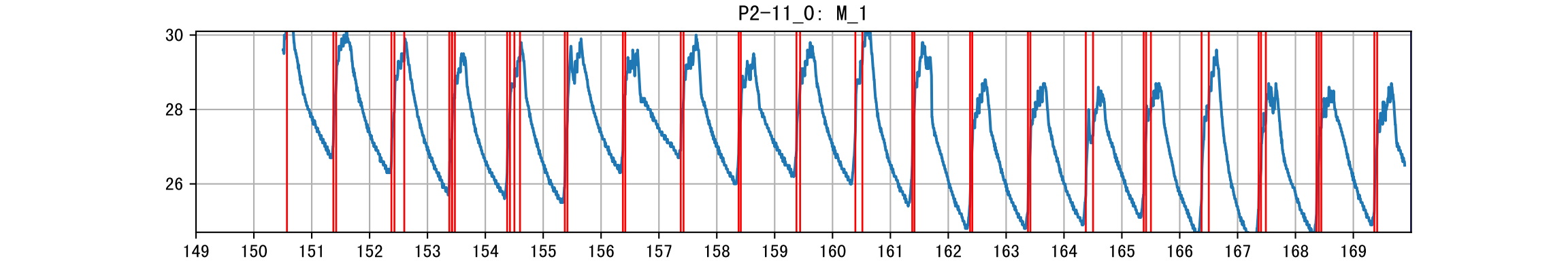

1 setVI
60
50
40
30
20
0
25
50
75
100
125
150
175
d

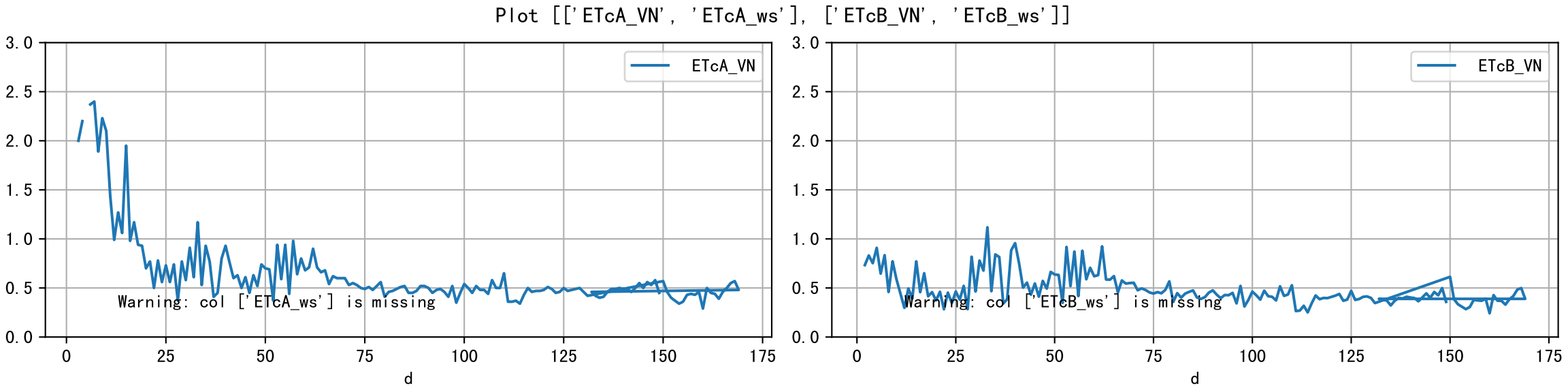

1 (fgArea = NA)
ECI*10%
ECO
5000
4000
3000
2000
1000
0
25
50
75
100
125
150
175
d

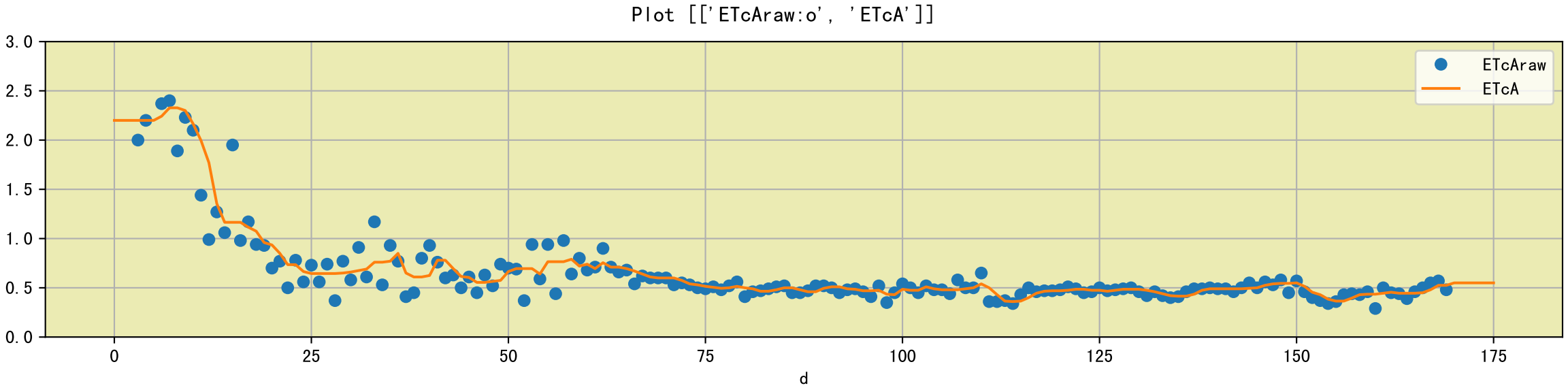

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
25
50
75
100
125
150
175
d

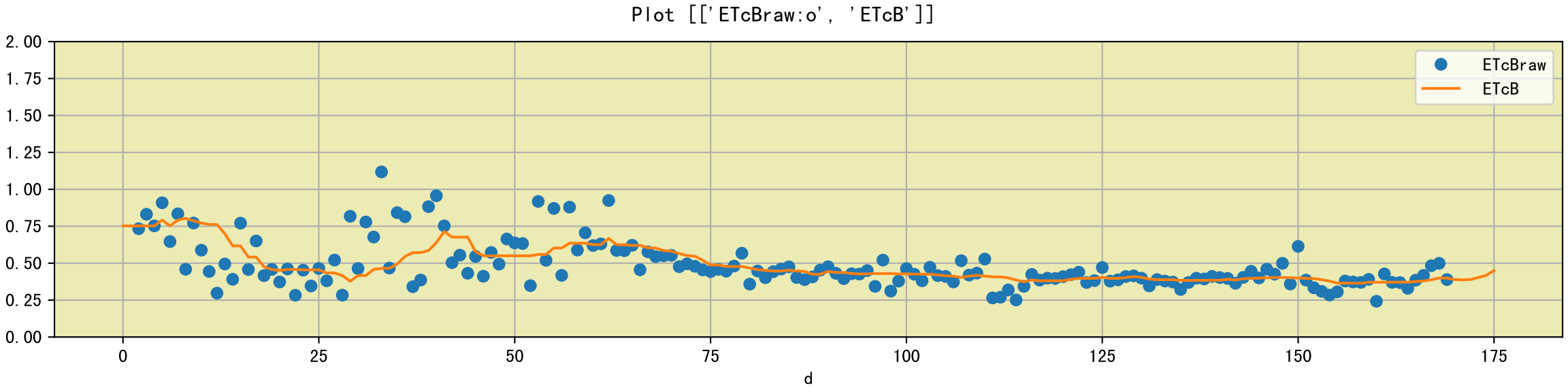

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d


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

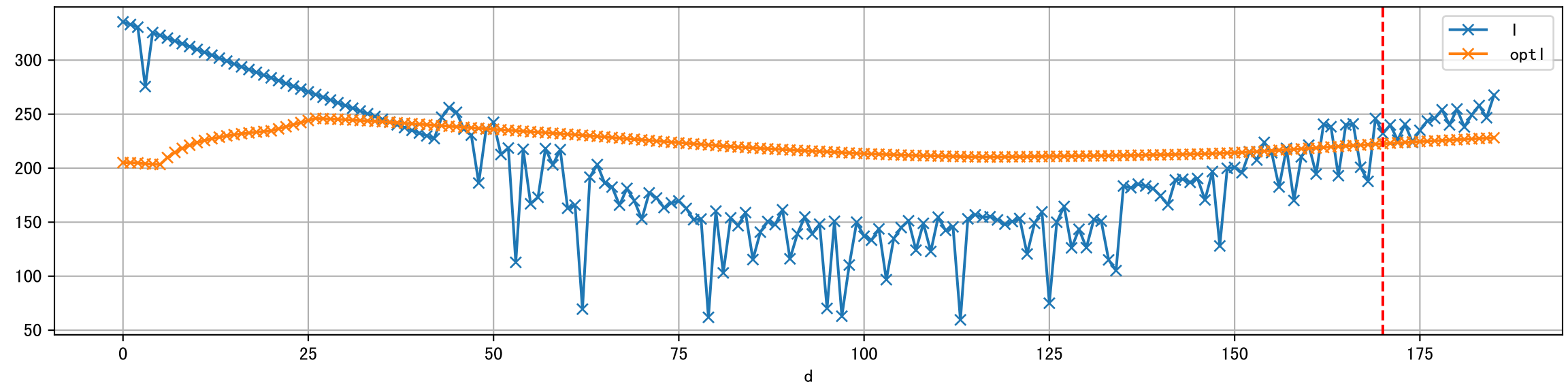

P2-11_0: M_1
30
28
26
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169

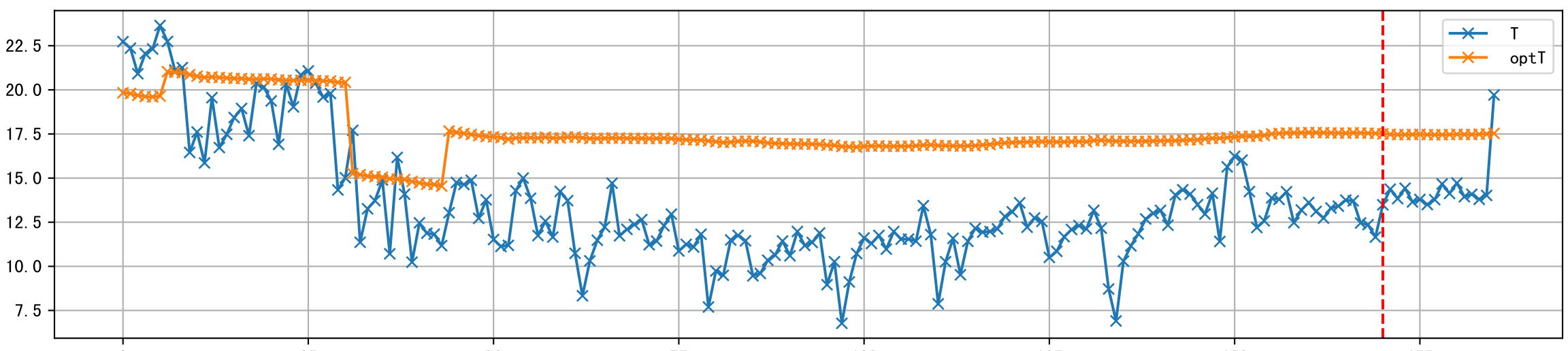

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

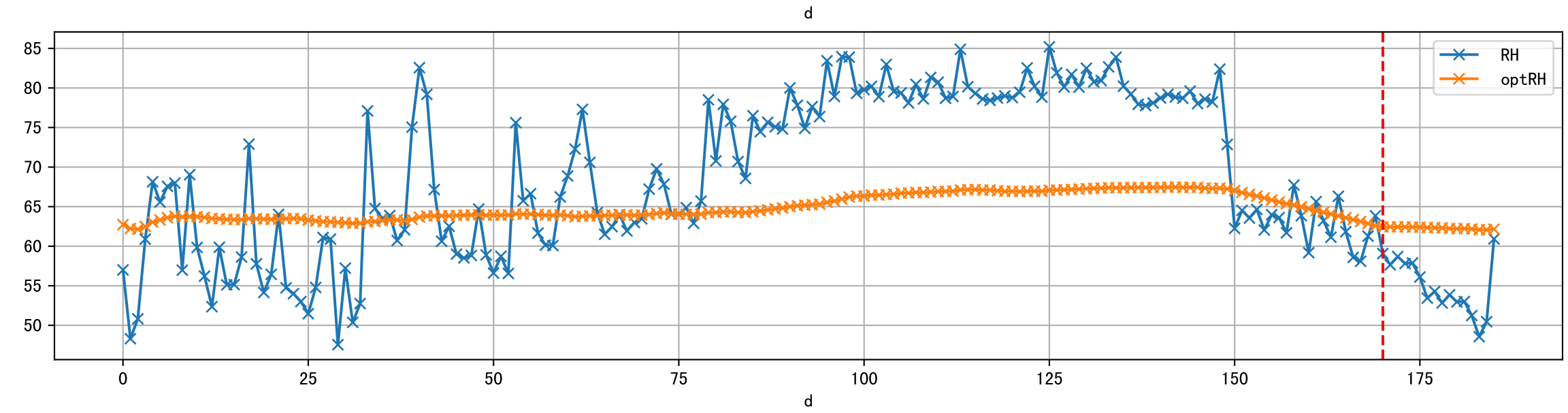

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
d
ETcAraw
ETcA

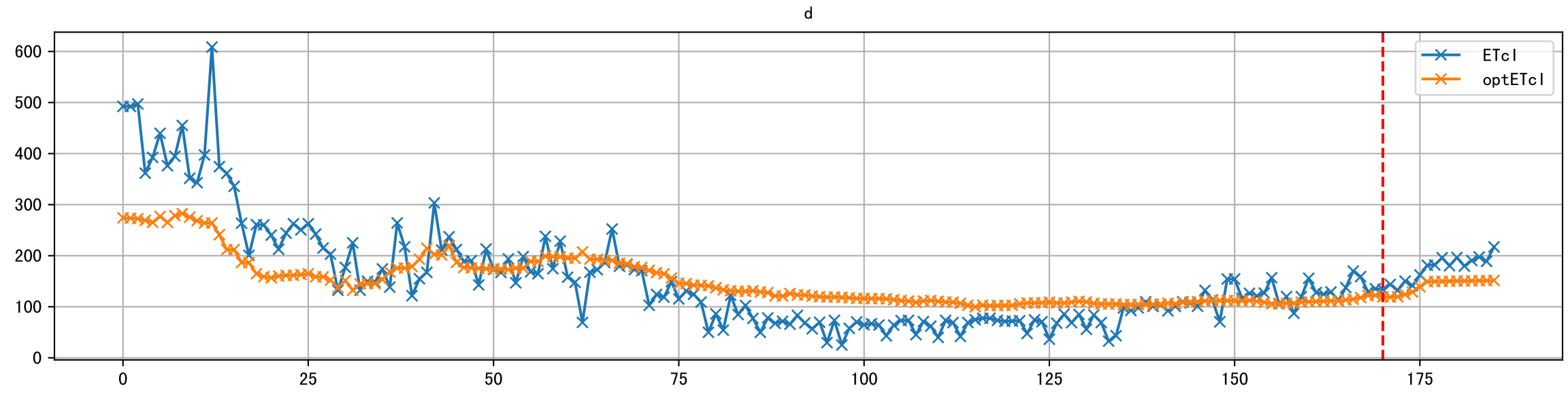

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
d
ETcBraw
ETcB

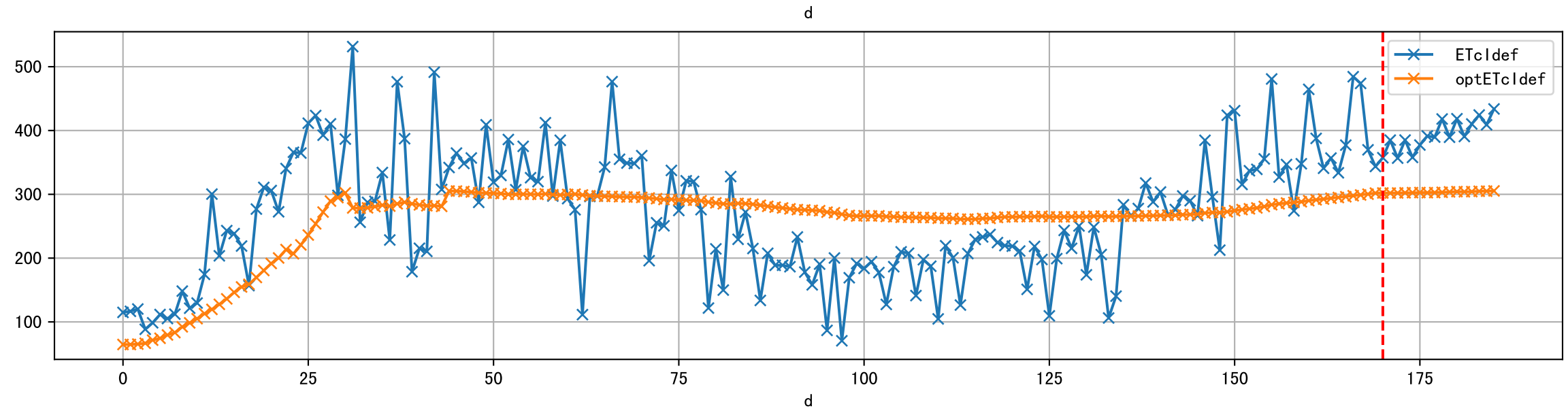
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

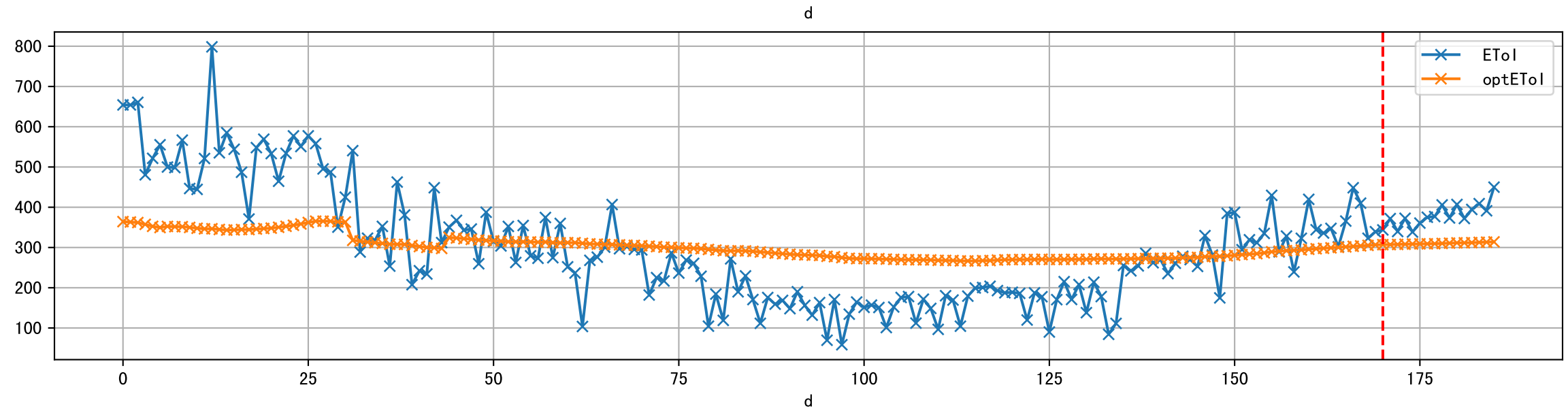


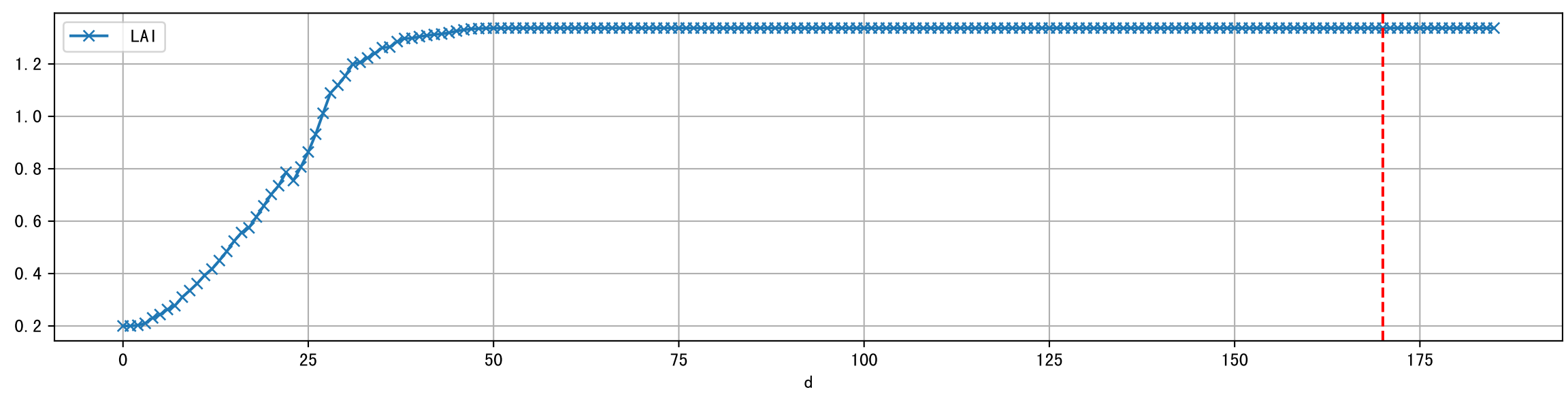


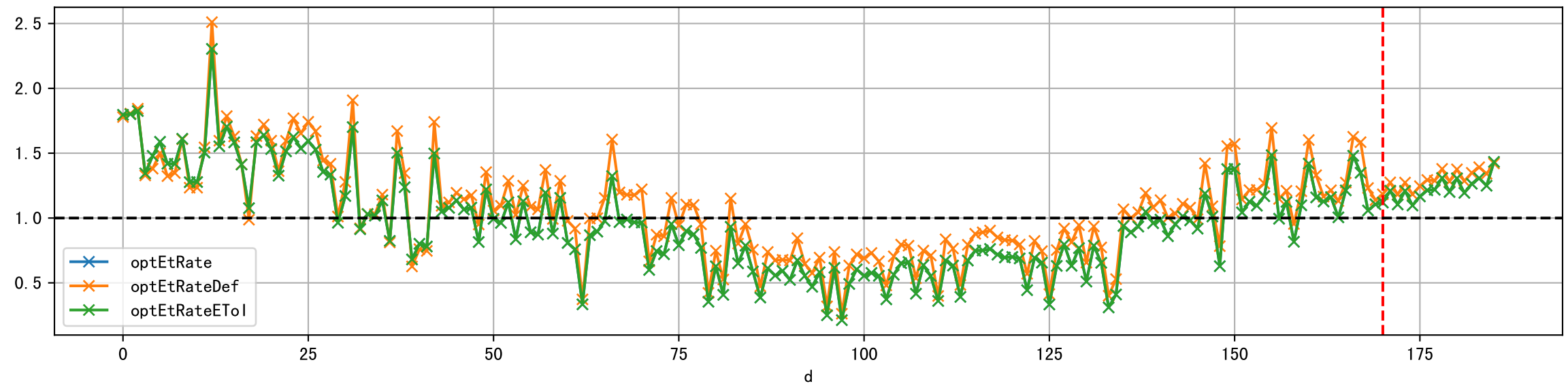


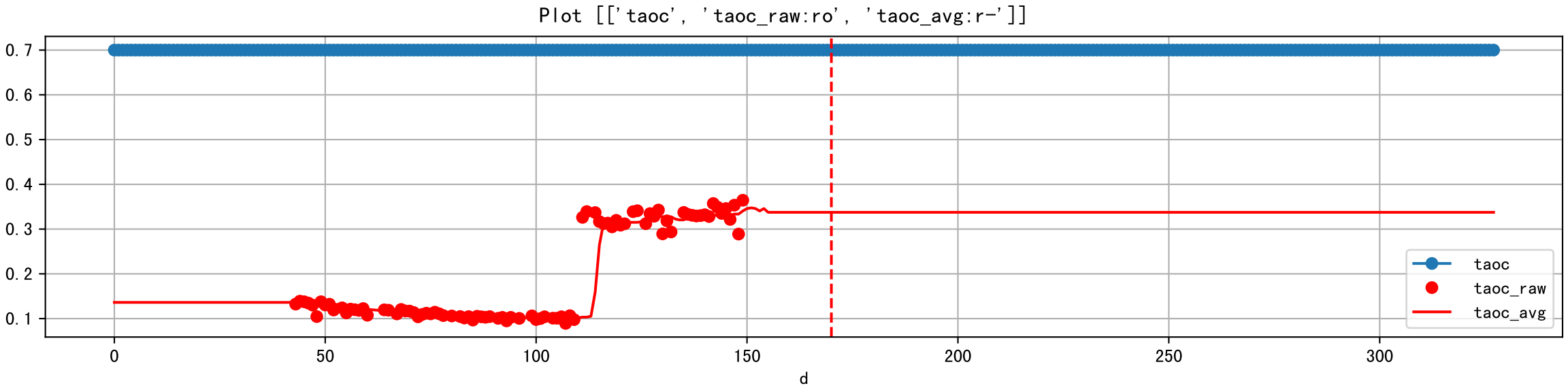


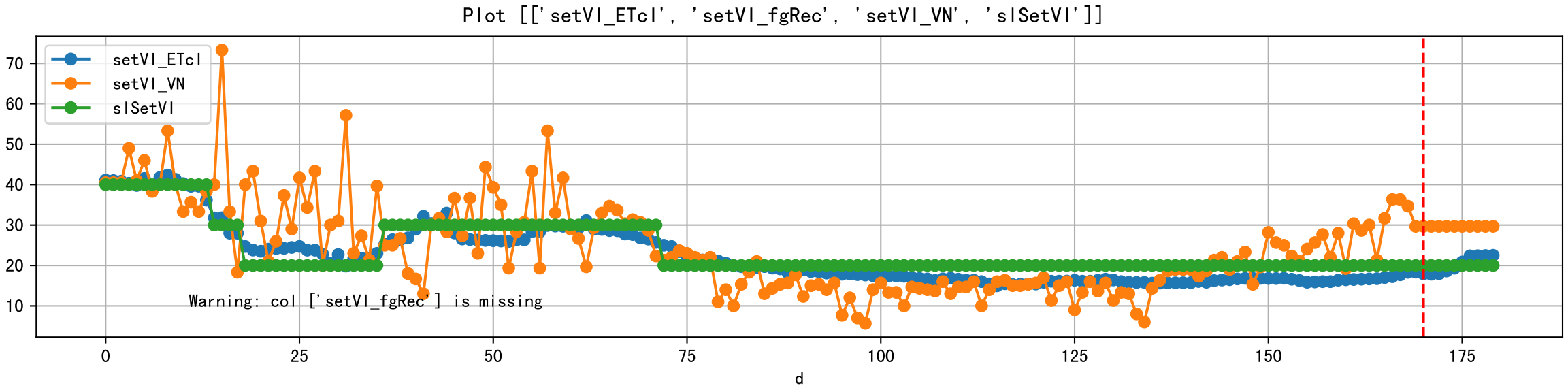


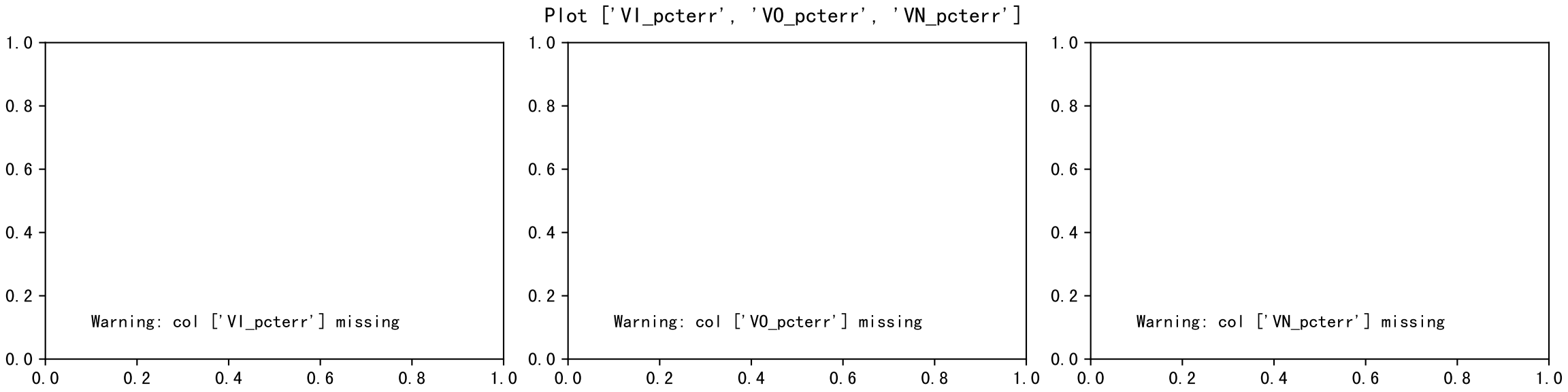


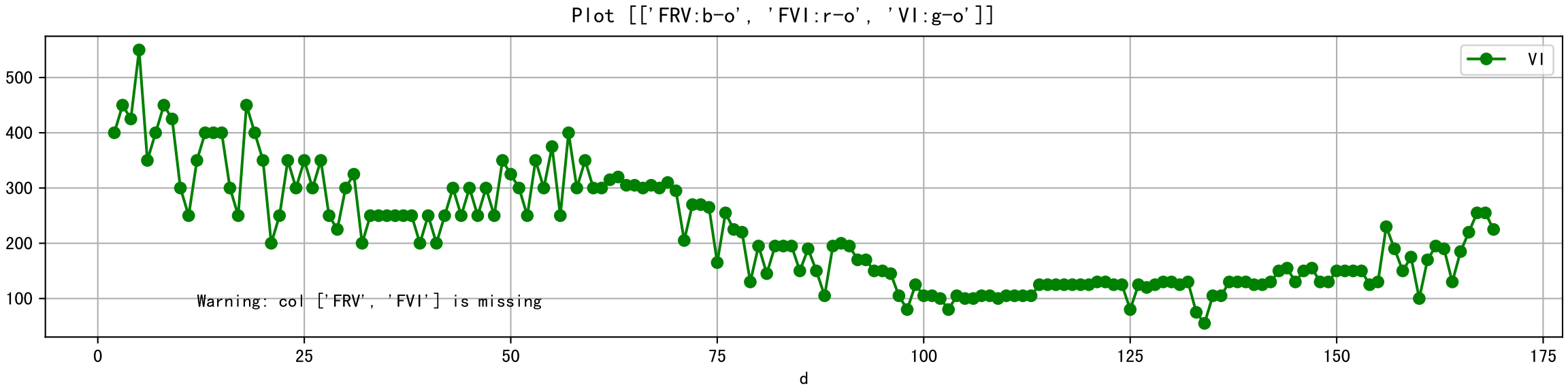


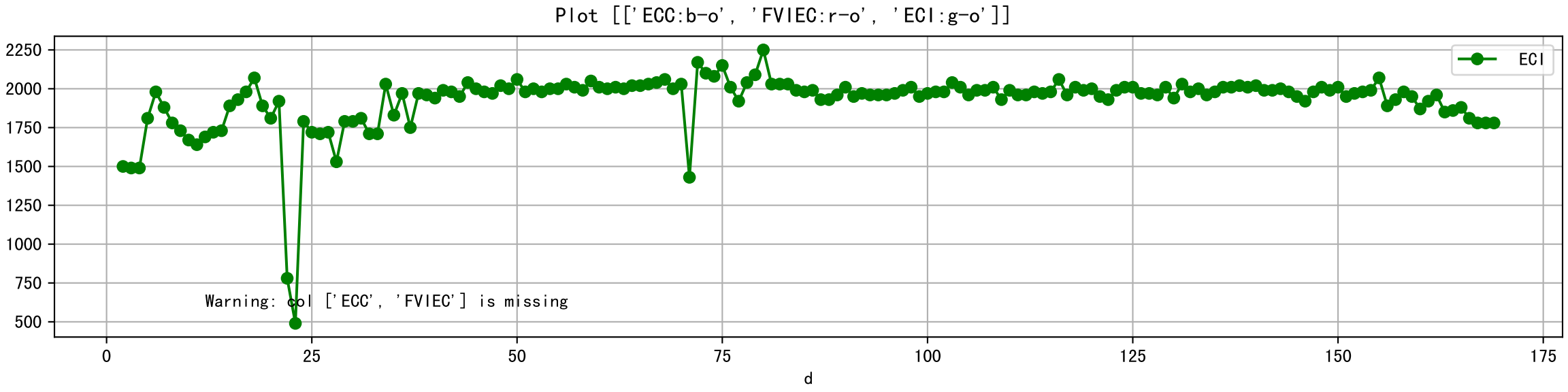


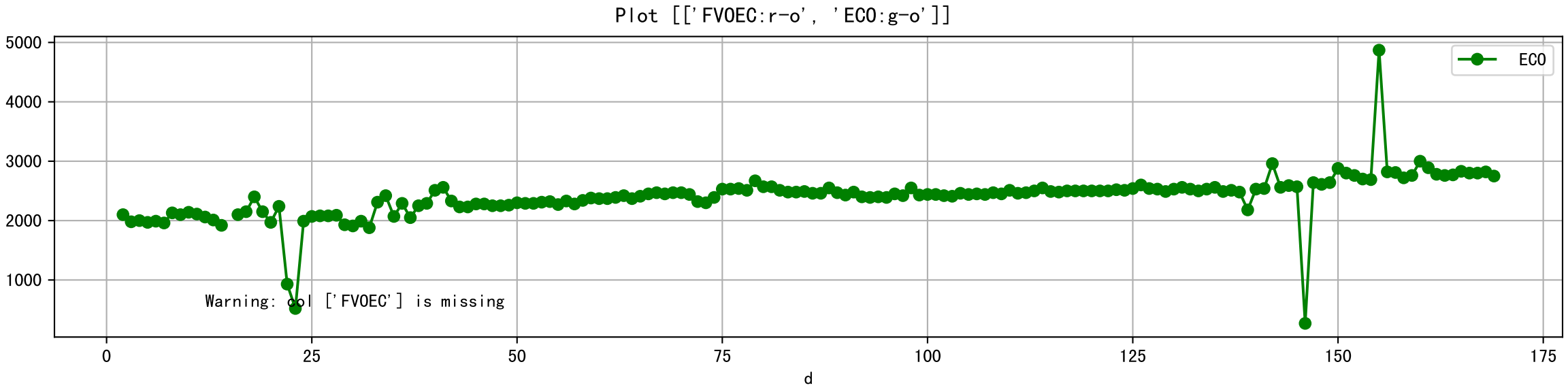

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
50
100
150
200
250
300
d
taoc
taoc_raw
taoc_avg

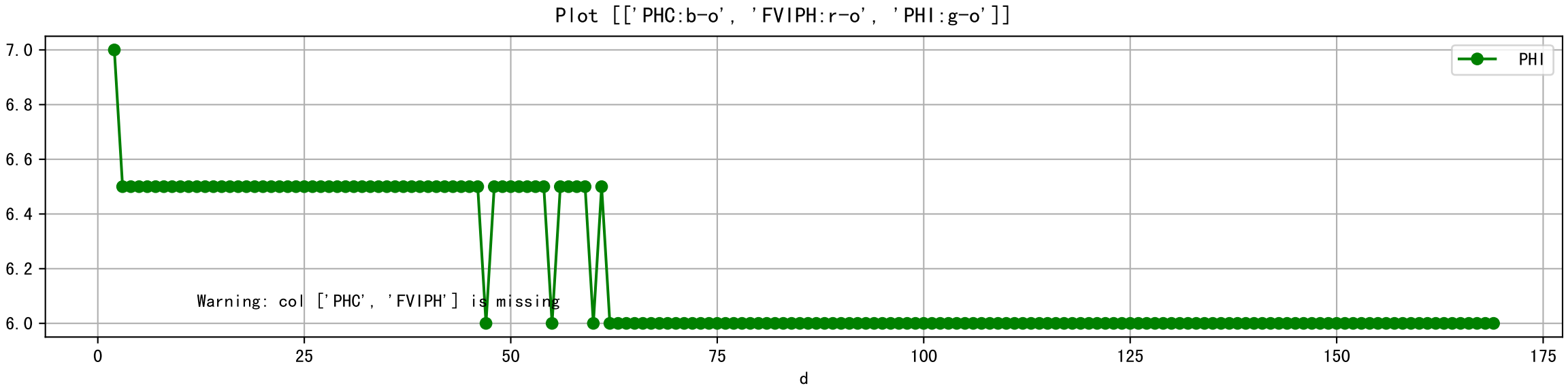

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_VN
slSetVI
Warning: col ['setVI_fgRec'] is missing
70
60
50
40
30
20
10
0
25
50
75
100
125
150
175
d

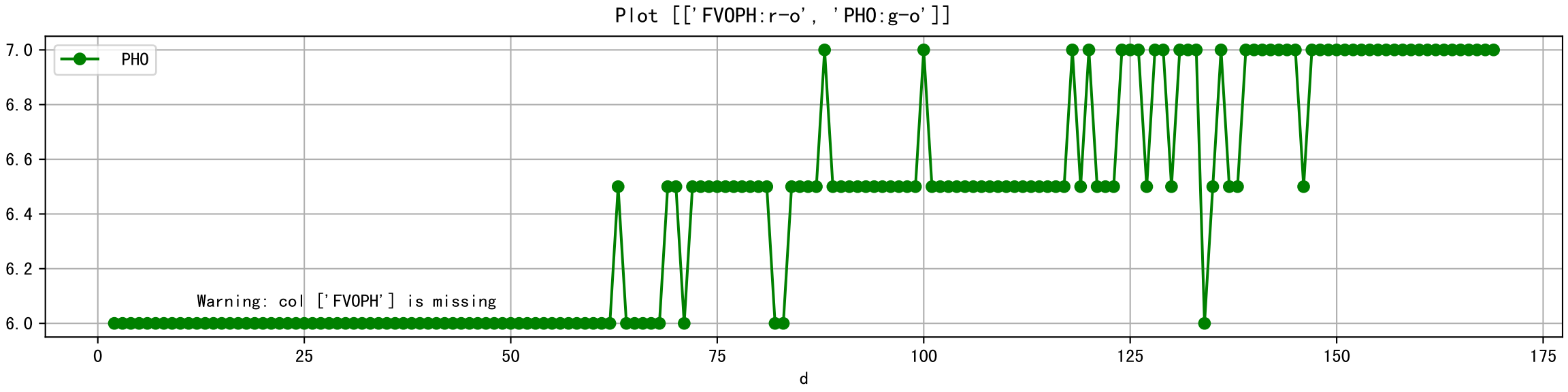

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

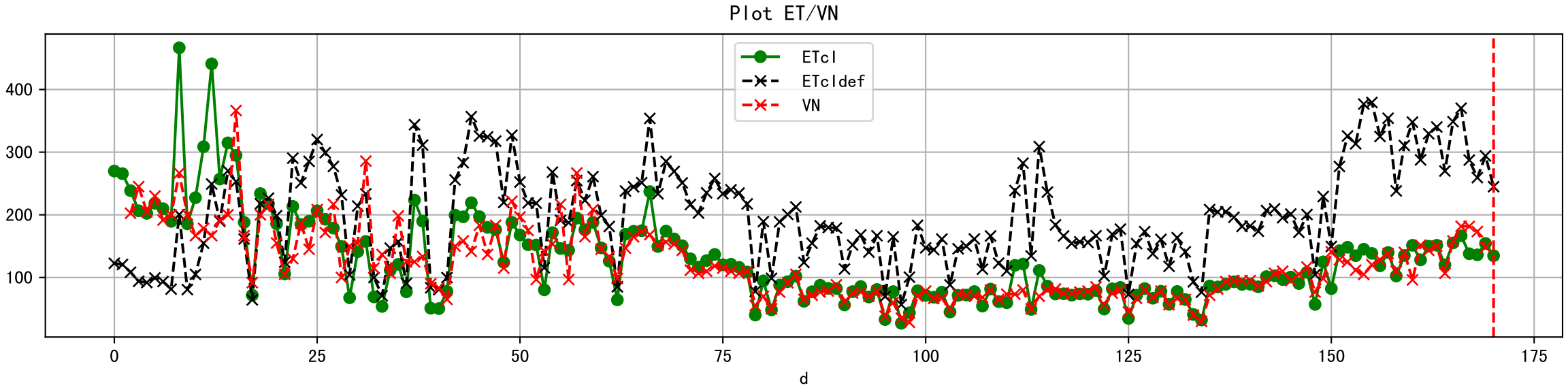

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
VI
Warning: col ['FRV', 'FVI'] is missing
500
400
300
200
100
0
25
50
75
100
125
150
175
d

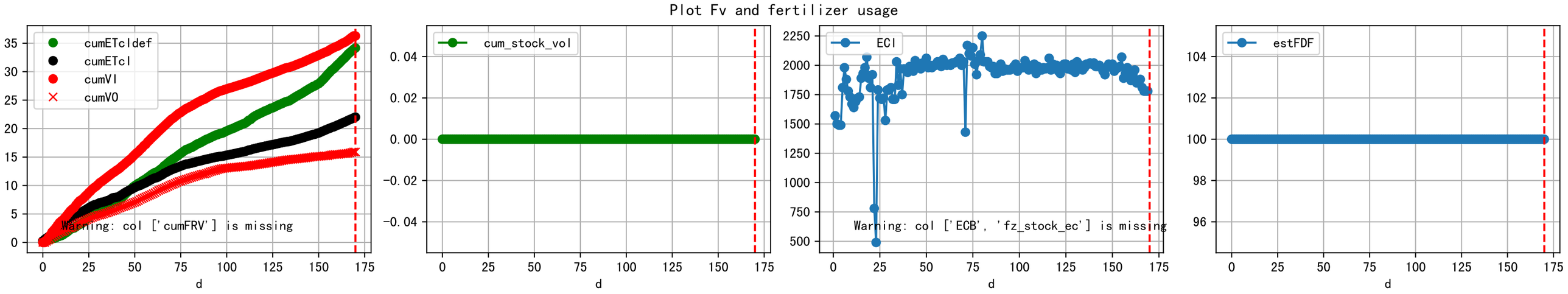

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2250
2000
1750
1500
1250
1000
750
500
0
25
50
75
100
125
150
175
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
1000
0
25
50
75
100
125
150
175
d

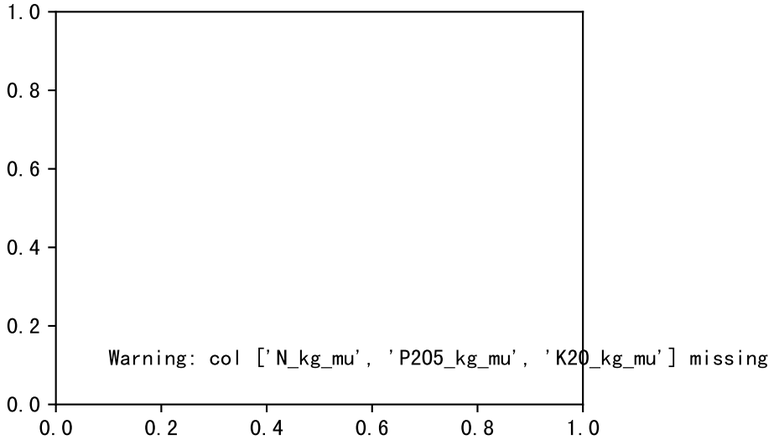

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
25
50
75
100
125
150
175
d

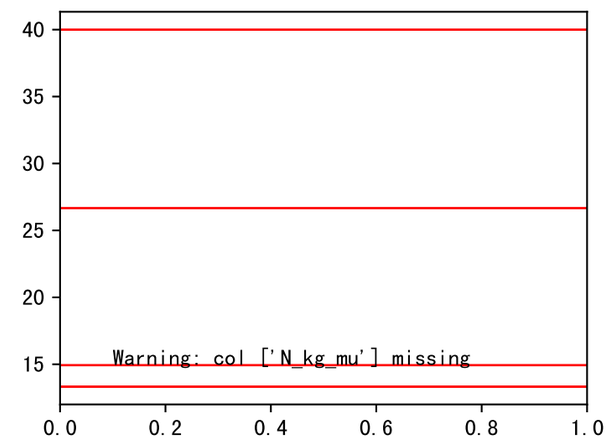

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
25
50
75
100
125
150
175
d

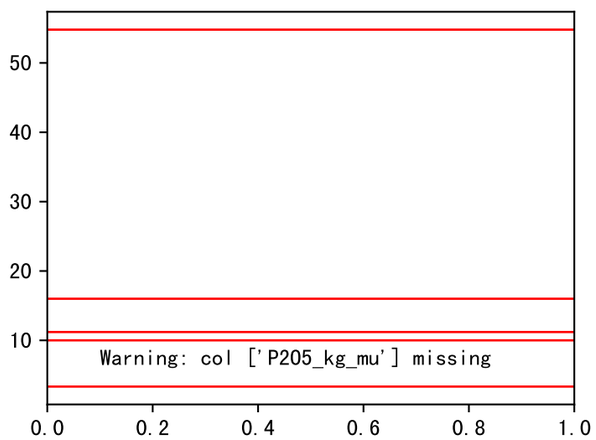

Plot ET/VN
ETcl
ETcldef
VN
400
300
200
100
0
25
50
75
100
125
150
175
d

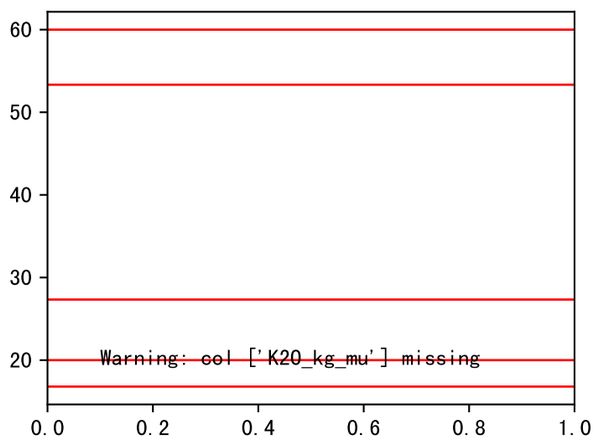

Plot Fv and fertilizer usage
cumETcldef
cumETcl
cumVI
cumVO
Warning: col ['cumFRV'] is missing
d
cum_stock_vol
d
ECI
Warning: col ['ECB', 'fz_stock_ec'] is missing
d
estFDF
d

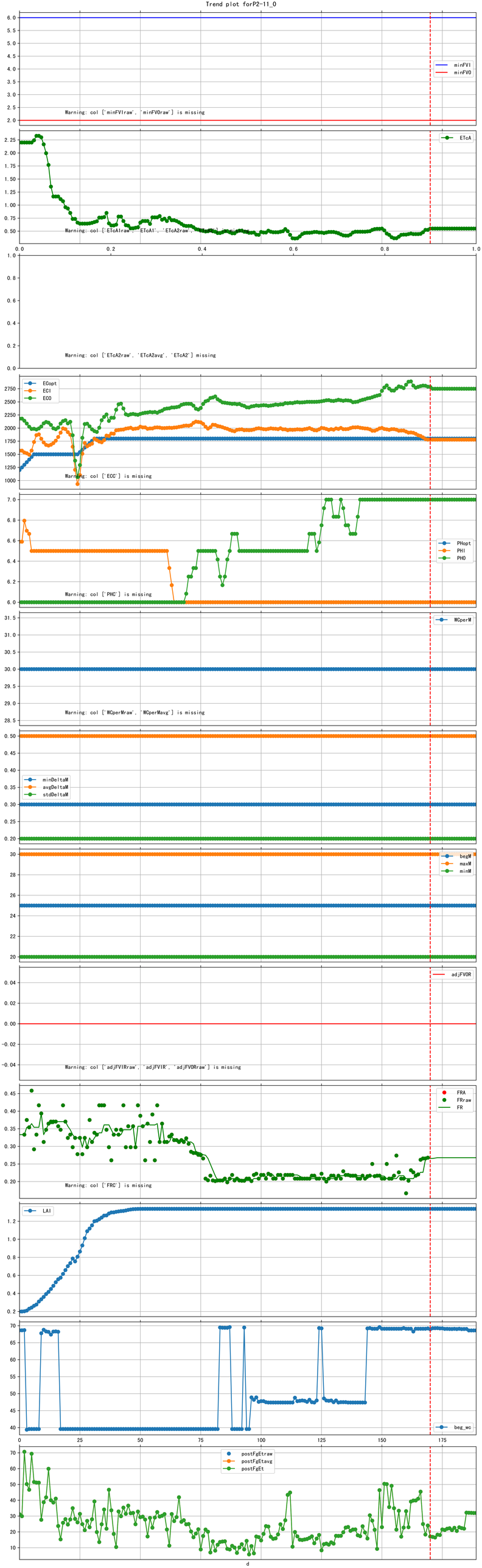
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

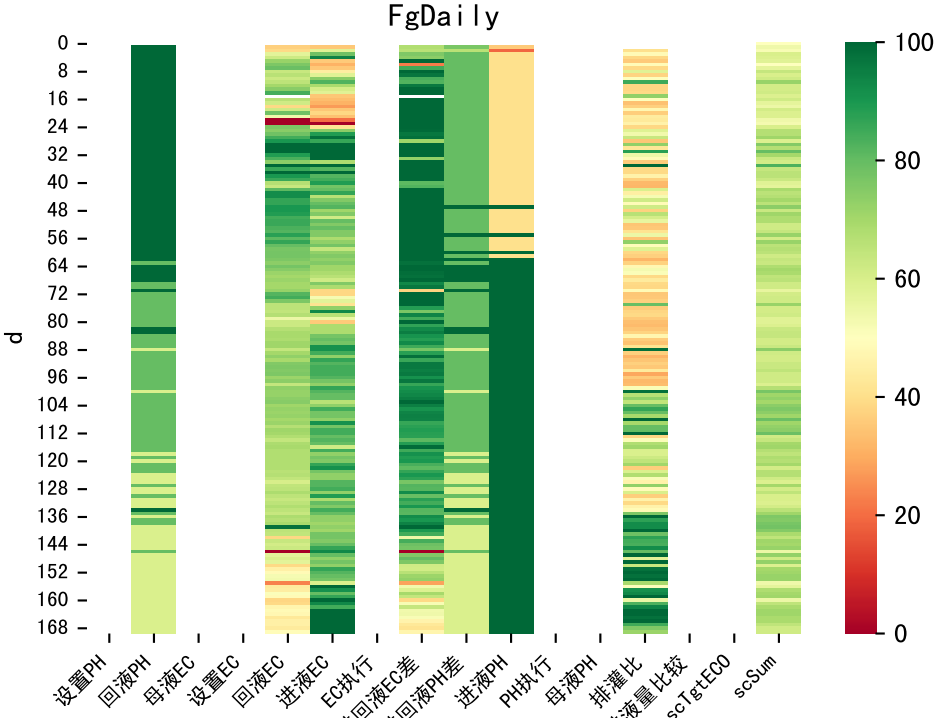




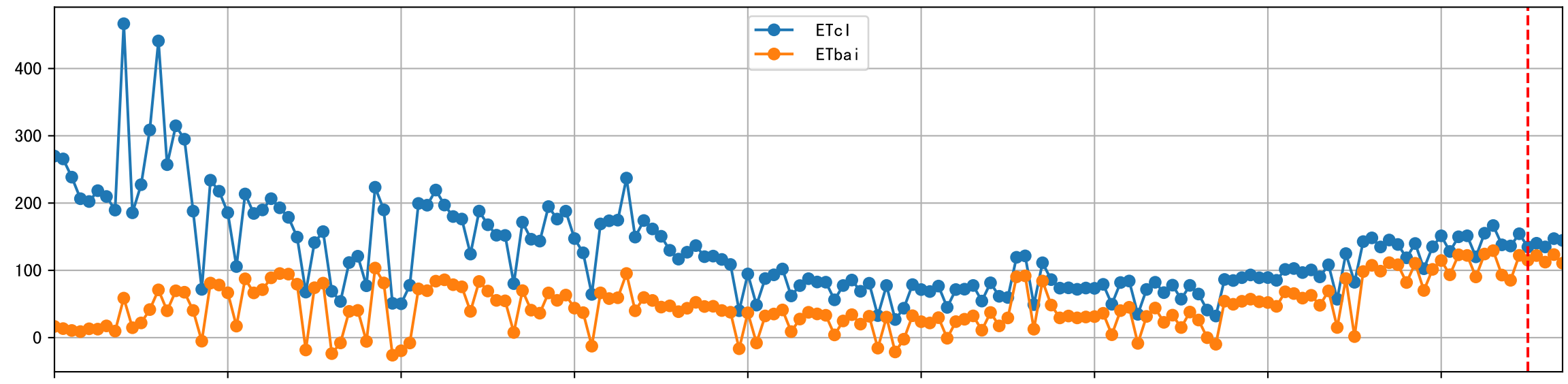


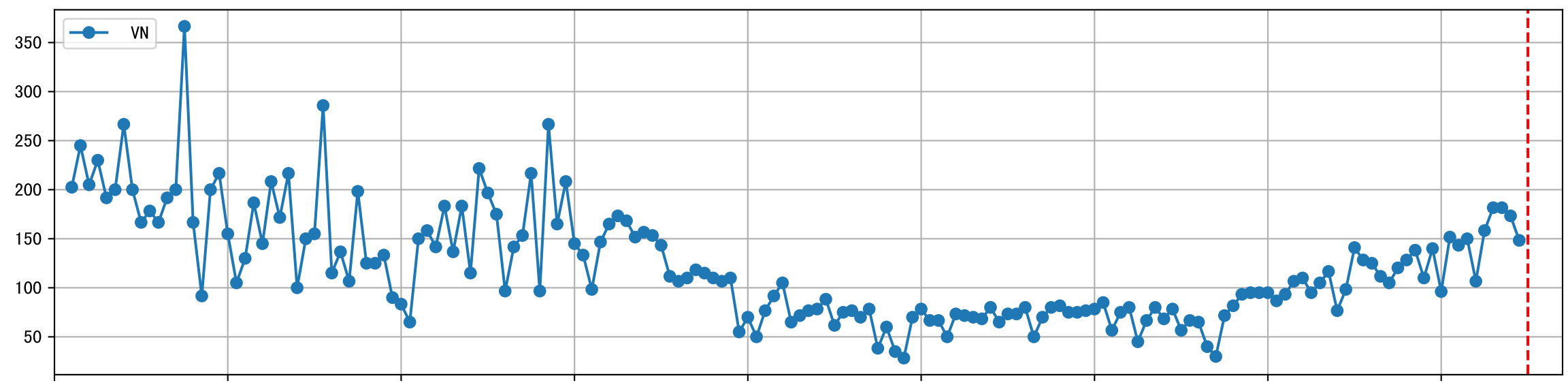


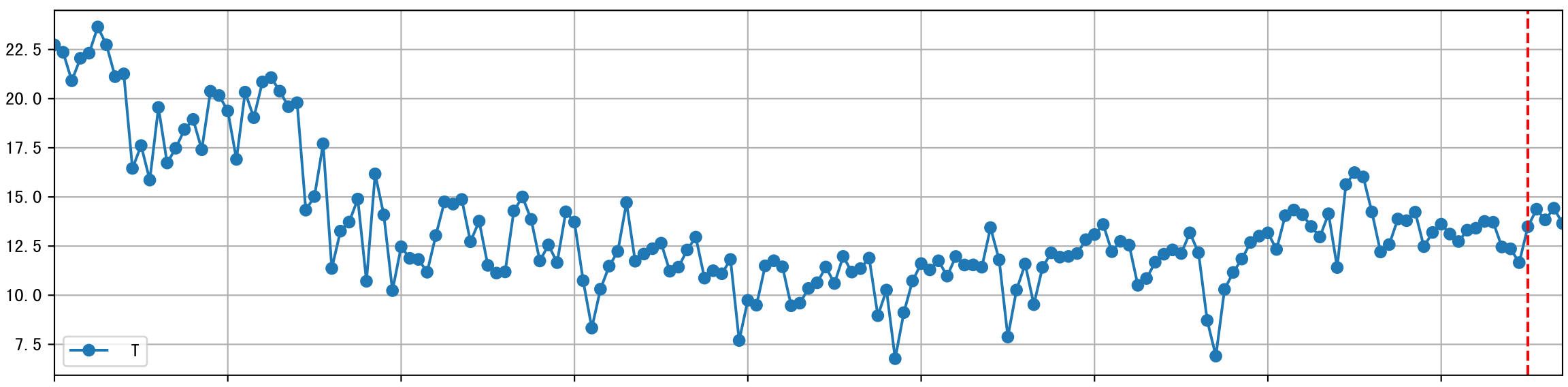

Trend plot forP2-11_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcAIraw', 'ETcAI', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRraw
FR
Warning: col ['FRC'] is missing
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

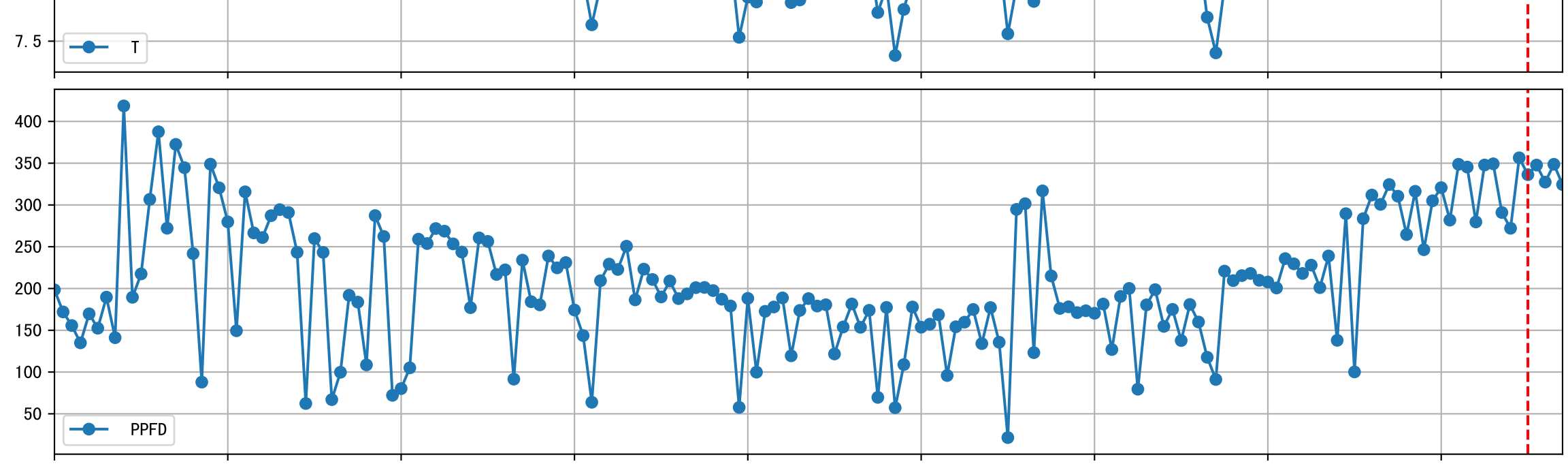

FgDaily
d
0
8
16
24
32
40
48
56
64
72
80
88
96
104
112
120
128
136
144
152
160
168
100
80
60
40
20
0
设置PH
回液PH
母液EC
设置EC
回液EC
进液EC
EC执行
回液EC差
回液PH差
进液PH
PH执行
母液PH
排灌比
液量比较
scTgtEC0
scSum

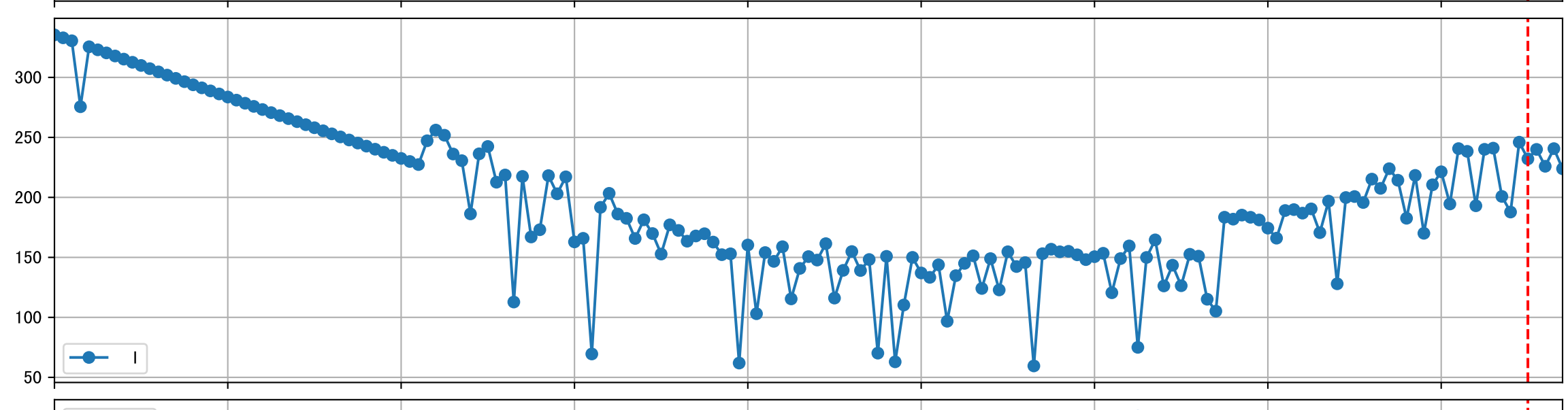
P2-11_0

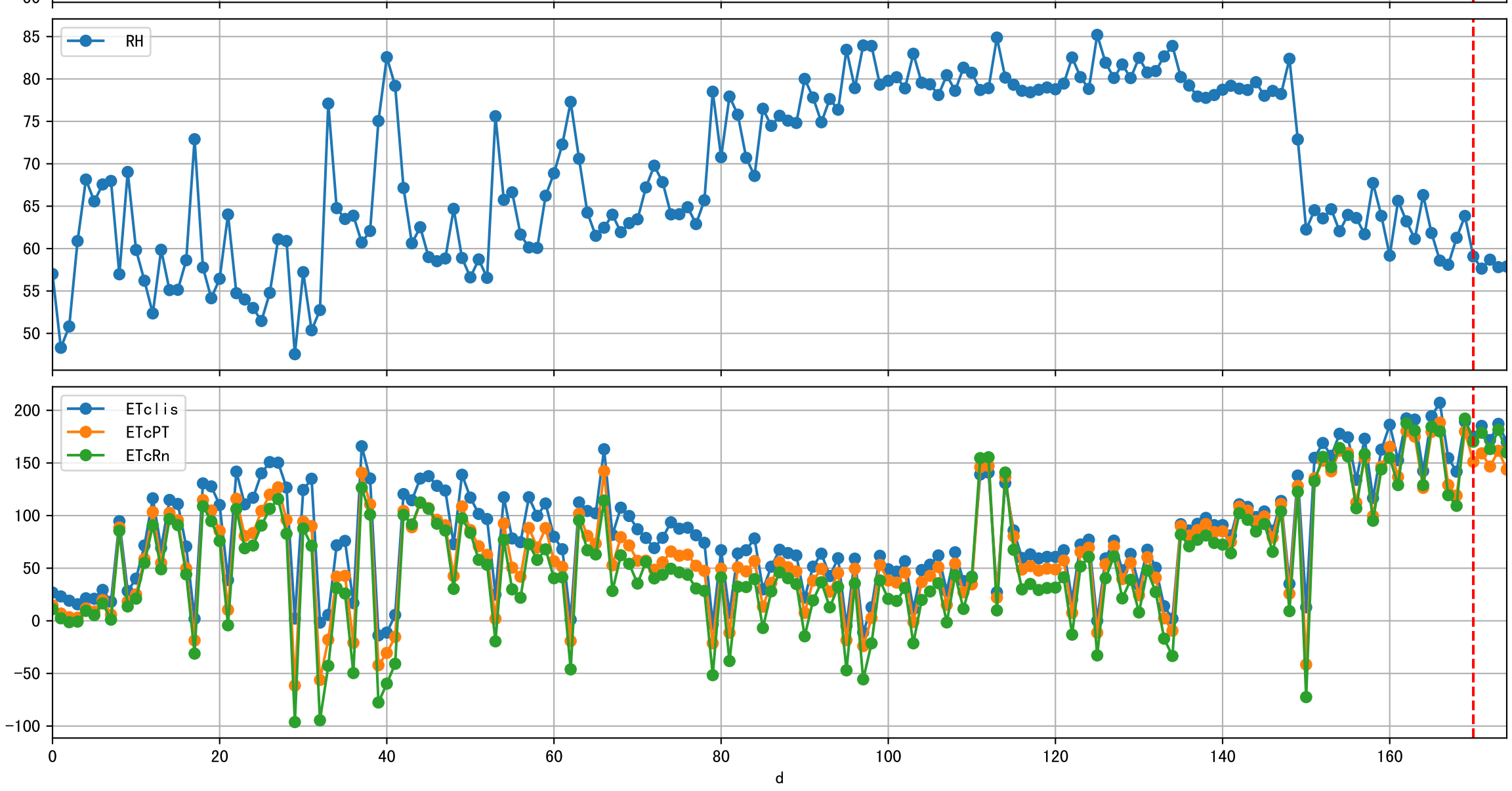


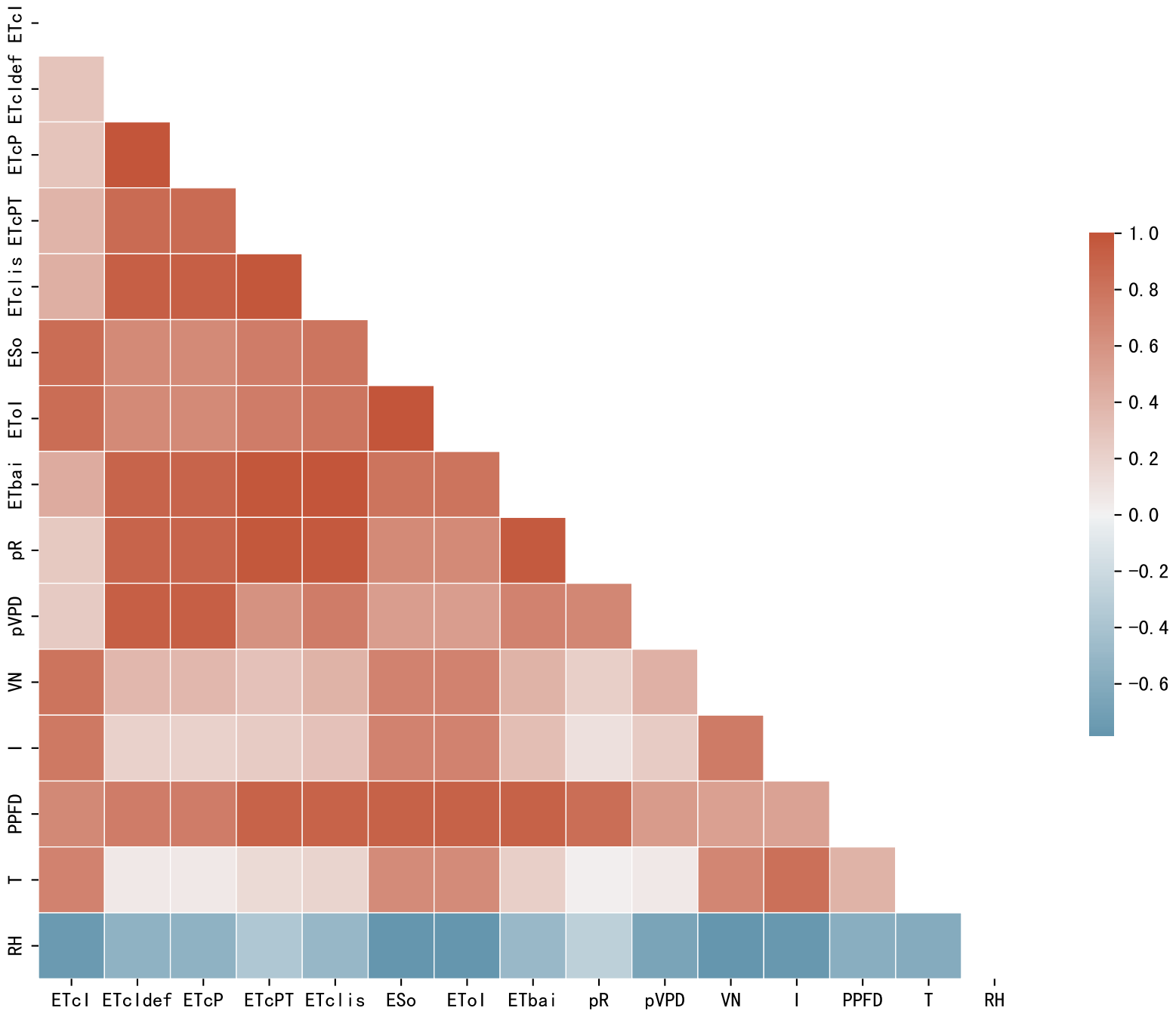


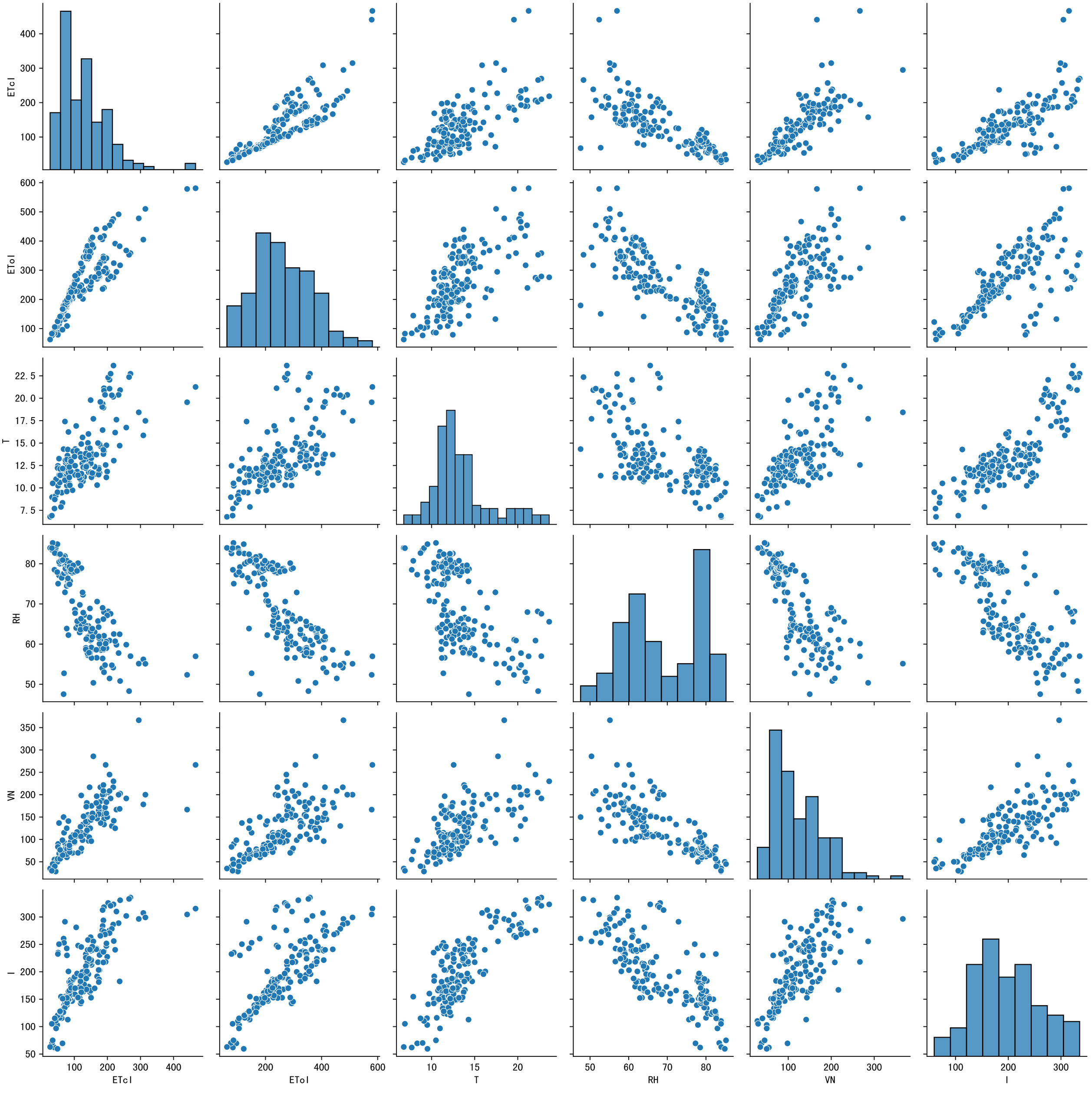


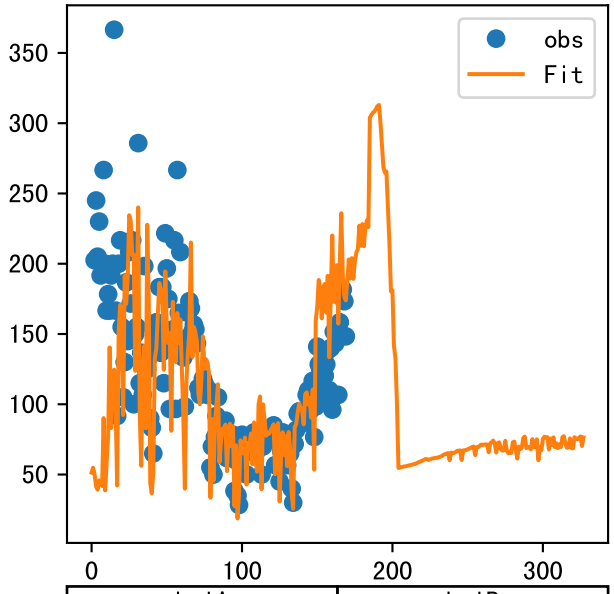


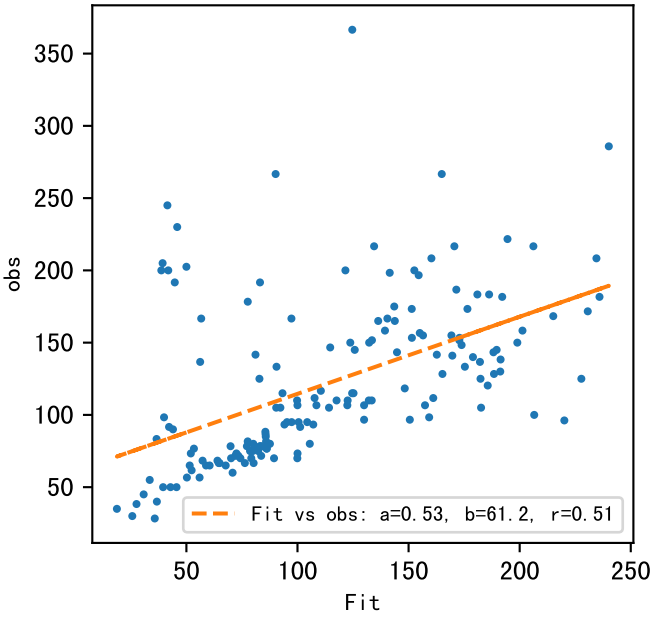




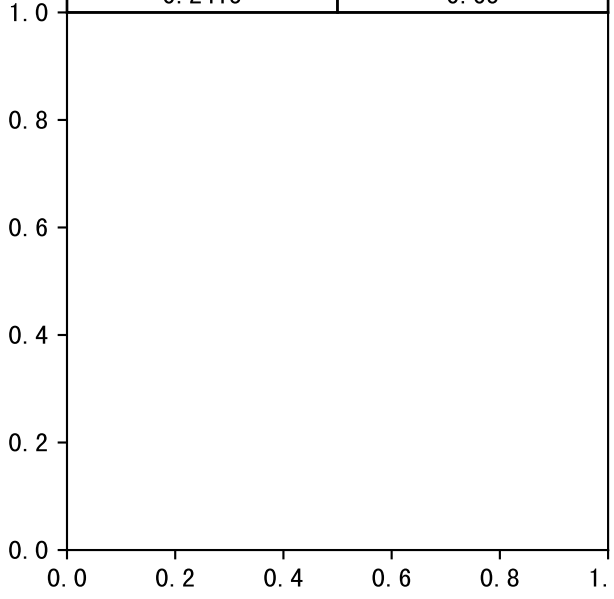

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

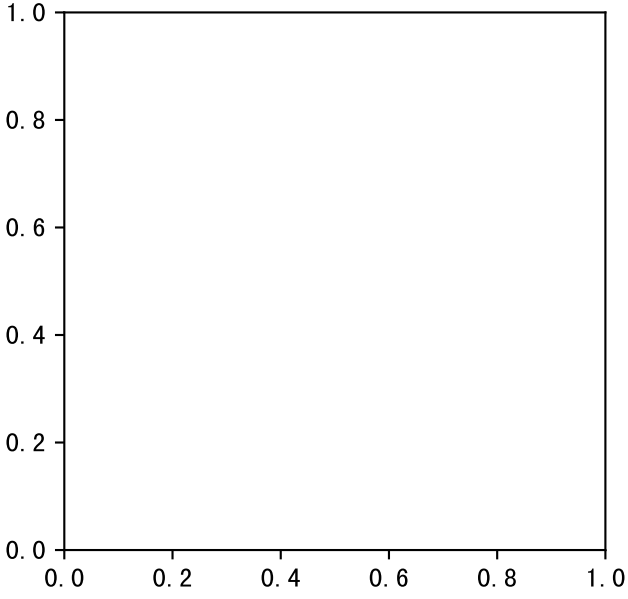

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

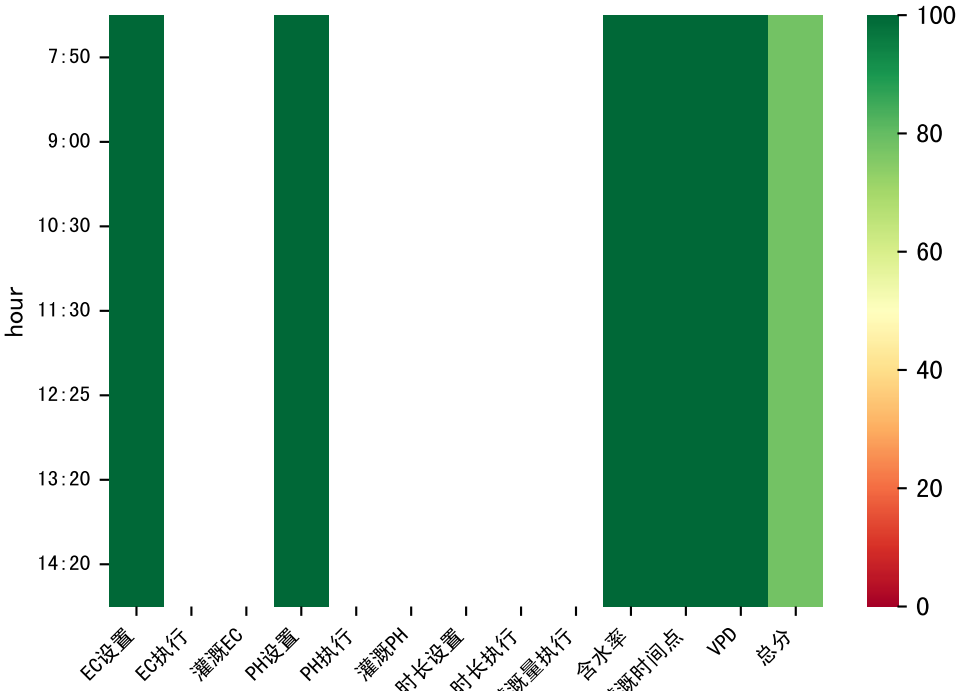




baiA	baiB
0.2415	0.05

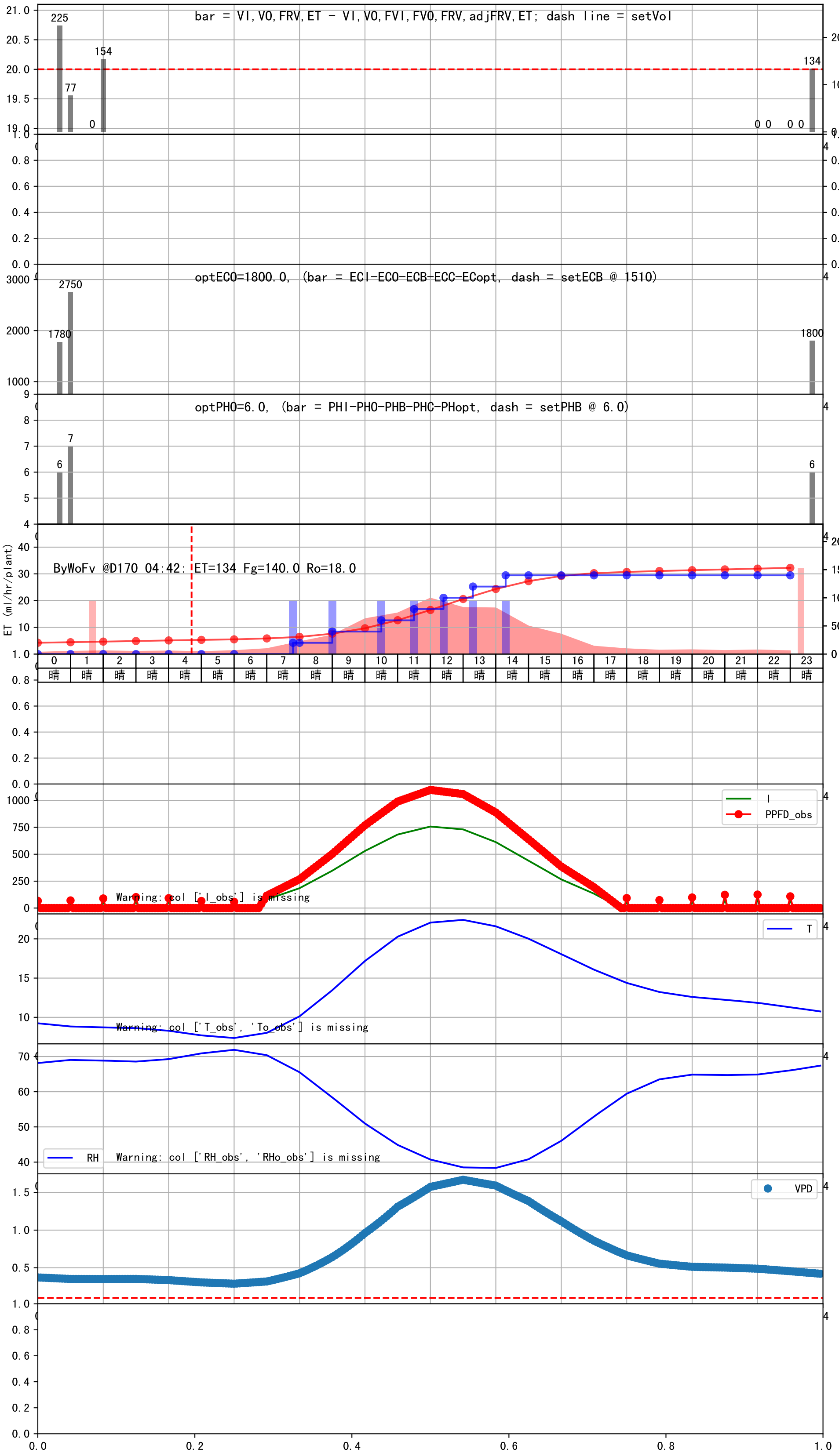


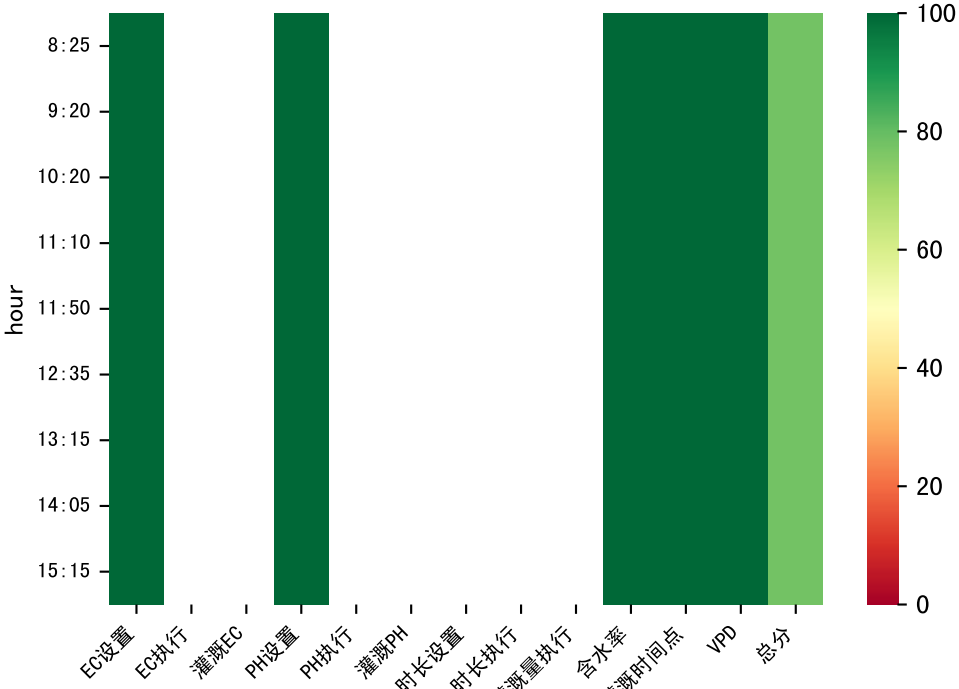



hour
7:50
9:00
10:30
11:30
12:25
13:20
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:50	74	20.0	0.143	晴	预期@07:50 手动（未用传感器）
09:00	74	20.0	0.143	晴	预期@09:00 手动（未用传感器）
10:30	74	20.0	0.143	晴	预期@10:30 手动（未用传感器）
11:30	74	20.0	0.143	晴	预期@11:30 手动（未用传感器）
12:25	74	20.0	0.143	晴	预期@12:25 手动（未用传感器）
13:20	74	20.0	0.143	晴	预期@13:20 手动（未用传感器）
14:20	74	20.0	0.143	晴	预期@14:20 手动（未用传感器）
总计	518.0 (7次)	140.0			建议进液EC：1510， PH：6.0

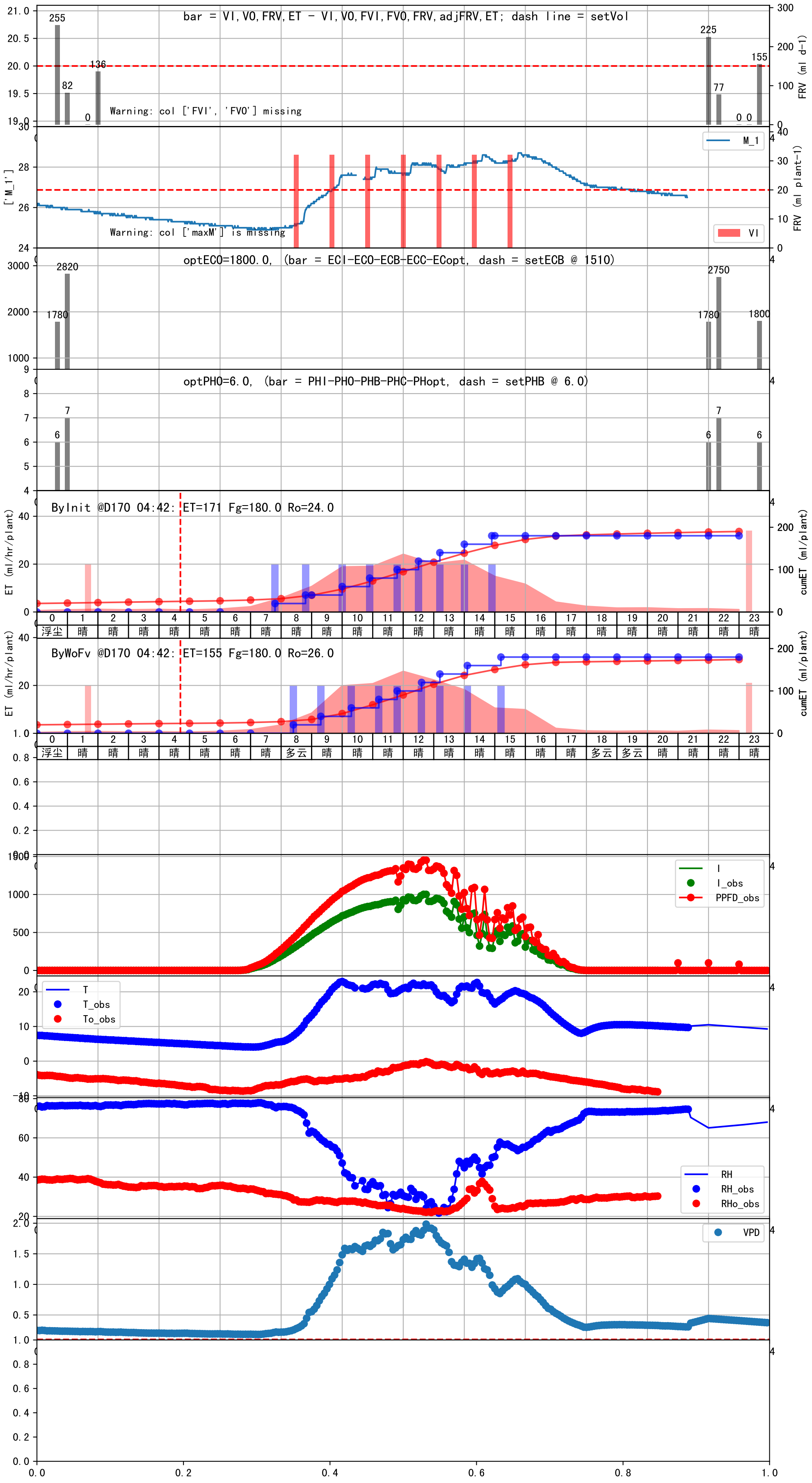
P2-11_0, Day=170 (2026-02-23)

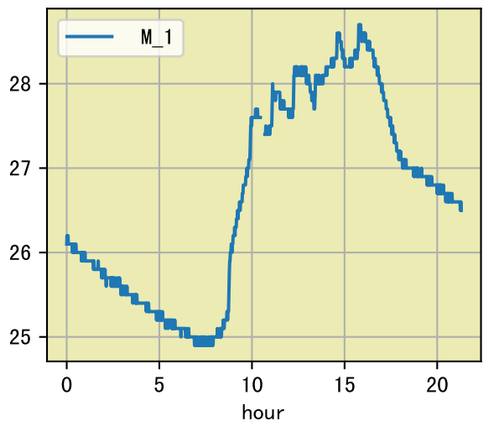


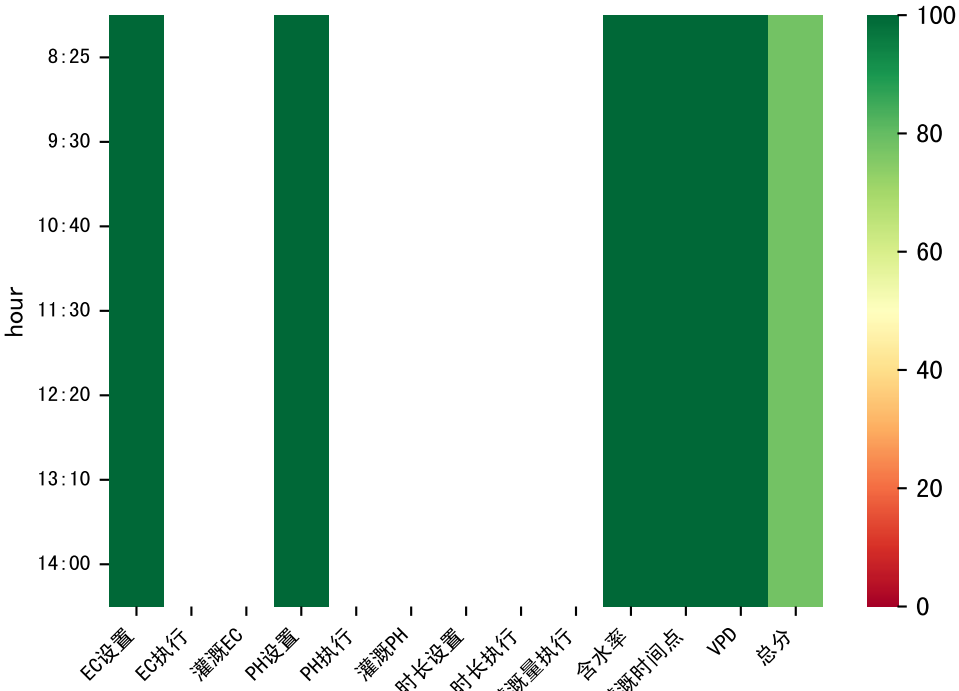

hour
8:25
9:20
10:20
11:10
11:50
12:35
13:15
14:05
15:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	77	20.0	0.143	多云	假设@08:25 未知程序（未用传感器）
09:20	77	20.0	0.143	晴	假设@09:20 未知程序（未用传感器）
10:20	77	20.0	0.143	晴	假设@10:20 未知程序（未用传感器）
11:10	77	20.0	0.143	晴	假设@11:10 未知程序（未用传感器）
11:50	77	20.0	0.143	晴	假设@11:50 未知程序（未用传感器）
12:35	77	20.0	0.143	晴	假设@12:35 未知程序（未用传感器）
13:15	77	20.0	0.143	晴	假设@13:15 未知程序（未用传感器）
14:05	77	20.0	0.143	晴	假设@14:05 未知程序（未用传感器）
15:15	77	20.0	0.143	晴	假设@15:15 未知程序（未用传感器）
总计	693.0 (9次)	180.0			建议进液EC：1510， PH：6.0

P2-11_0, Day=169 (2026-02-22)

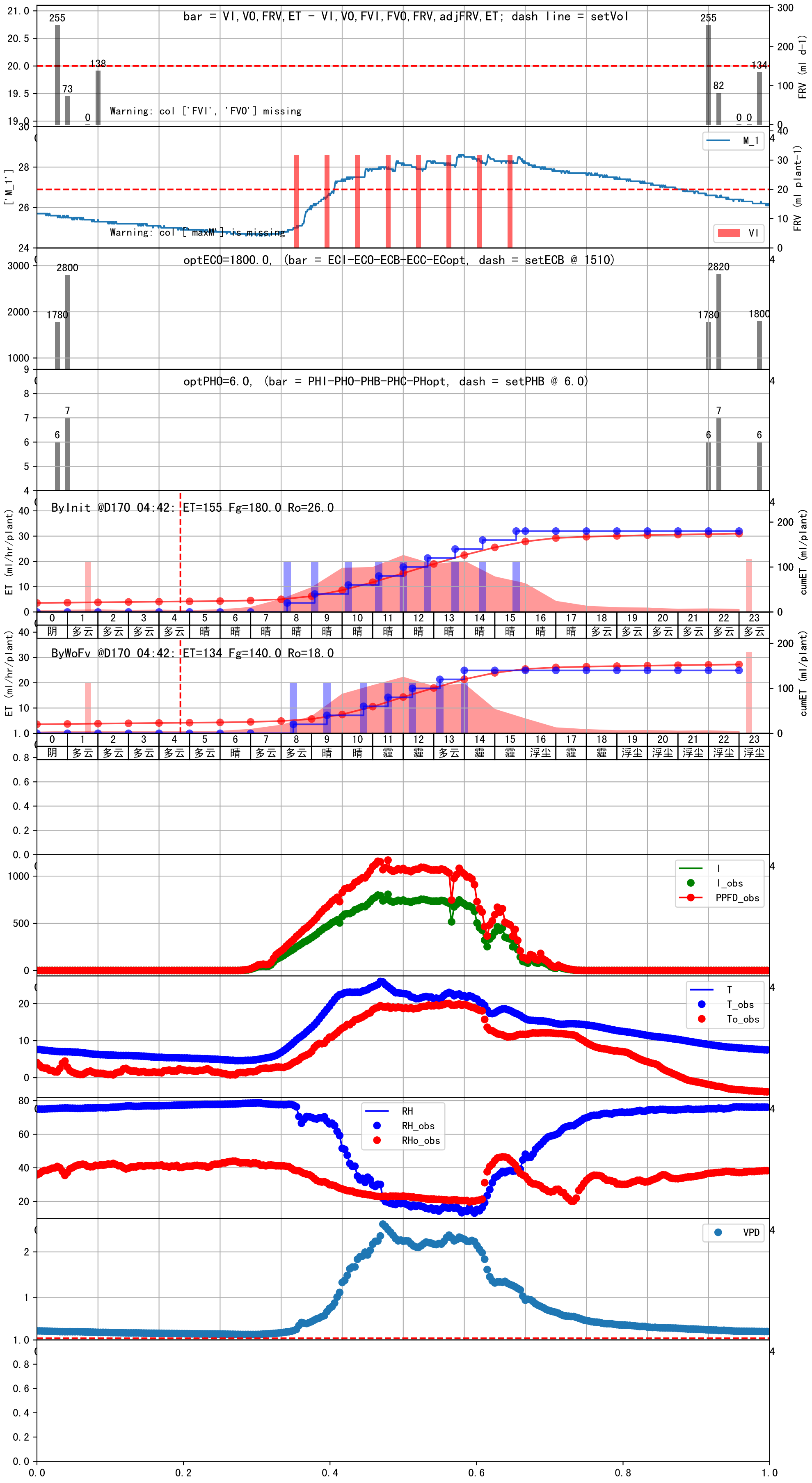


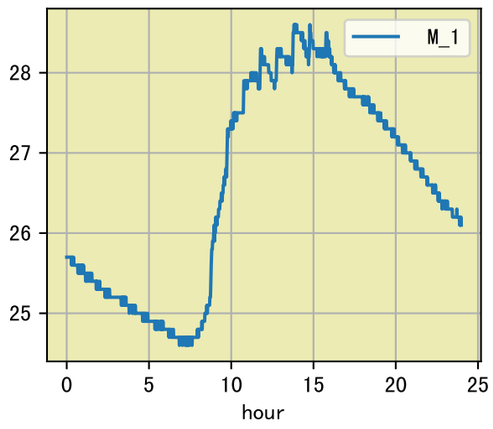

M_1
28
27
26
25
0
5
10
15
20
hour

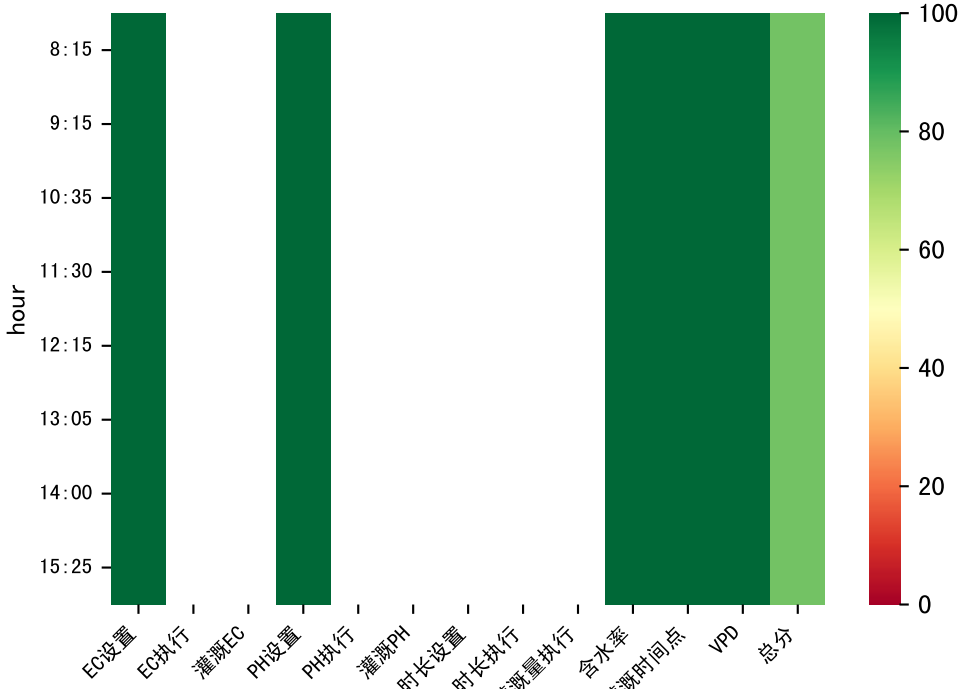

hour
8:25
9:30
10:40
11:30
12:20
13:10
14:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	87	20.0	0.143	多云	假设@08:25 未知程序（未用传感器）
09:30	87	20.0	0.143	晴	假设@09:30 未知程序（未用传感器）
10:40	87	20.0	0.143	晴	假设@10:40 未知程序（未用传感器）
11:30	87	20.0	0.143	霾	假设@11:30 未知程序（未用传感器）
12:20	87	20.0	0.143	霾	假设@12:20 未知程序（未用传感器）
13:10	87	20.0	0.143	多云	假设@13:10 未知程序（未用传感器）
14:00	87	20.0	0.143	霾	假设@14:00 未知程序（未用传感器）
总计	609.0 (7次)	140.0			建议进液EC：1510， PH：6.0

P2-11_0, Day=168 (2026-02-21)

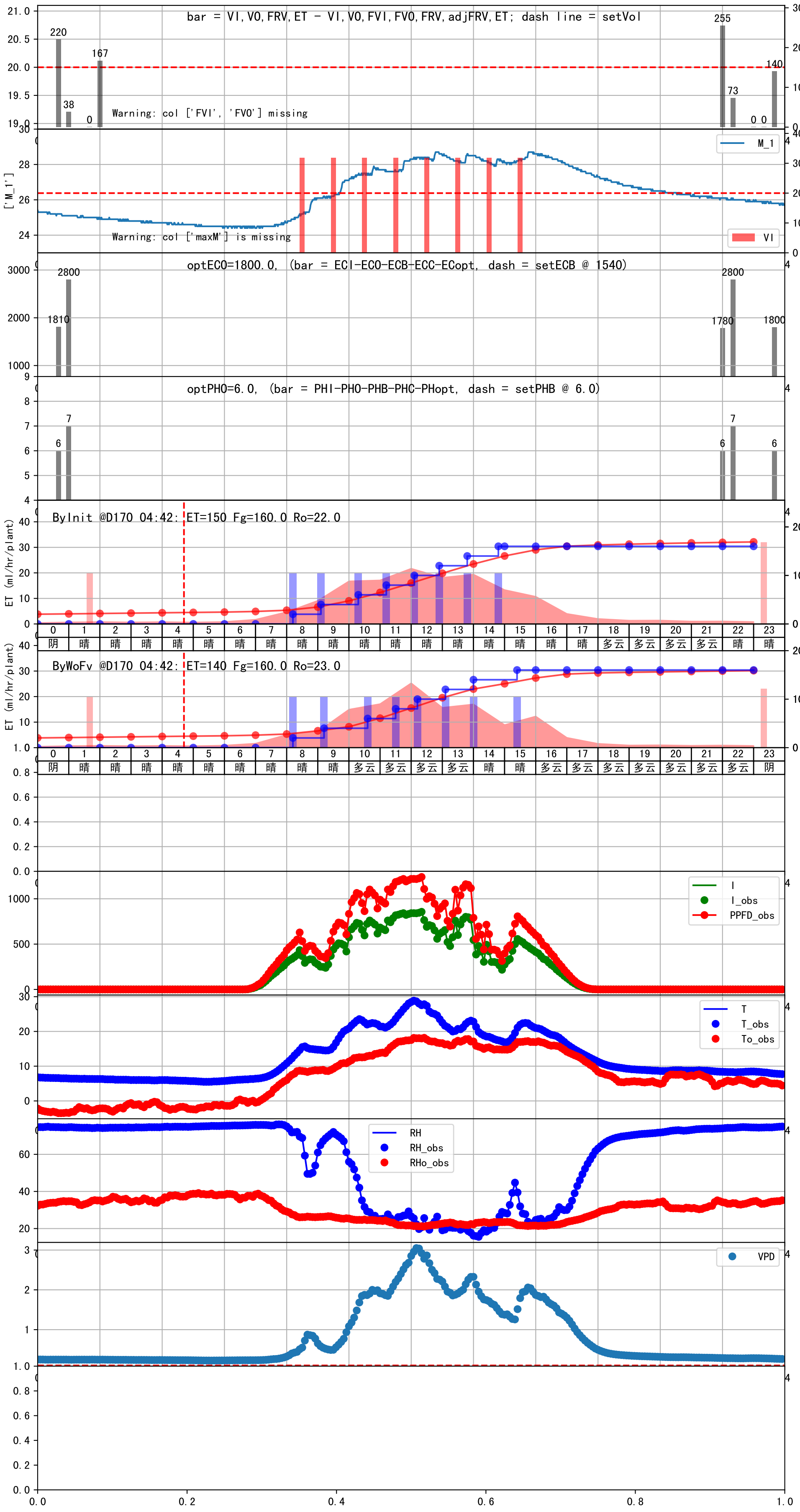


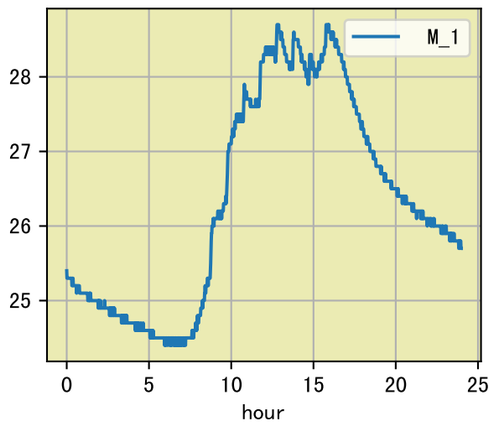

M_1
28
27
26
25
0
5
10
15
20
25
hour

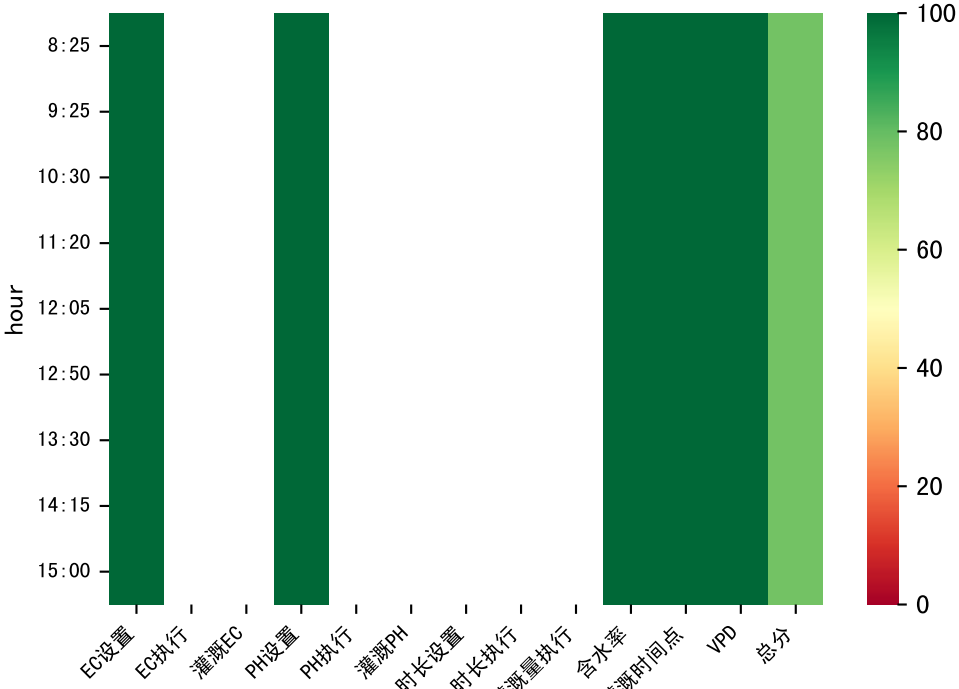

hour
8:15
9:15
10:35
11:30
12:15
13:05
14:00
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:15	87	20.0	0.143	晴	假设@08:15 未知程序（未用传感器）
09:15	87	20.0	0.143	晴	假设@09:15 未知程序（未用传感器）
10:35	87	20.0	0.143	多云	假设@10:35 未知程序（未用传感器）
11:30	87	20.0	0.143	多云	假设@11:30 未知程序（未用传感器）
12:15	87	20.0	0.143	多云	假设@12:15 未知程序（未用传感器）
13:05	87	20.0	0.143	多云	假设@13:05 未知程序（未用传感器）
14:00	87	20.0	0.143	晴	假设@14:00 未知程序（未用传感器）
15:25	87	20.0	0.143	晴	假设@15:25 未知程序（未用传感器）
总计	696.0 (8次)	160.0			建议进液EC：1540， PH：6.0

P2-11_0, Day=167 (2026-02-20)

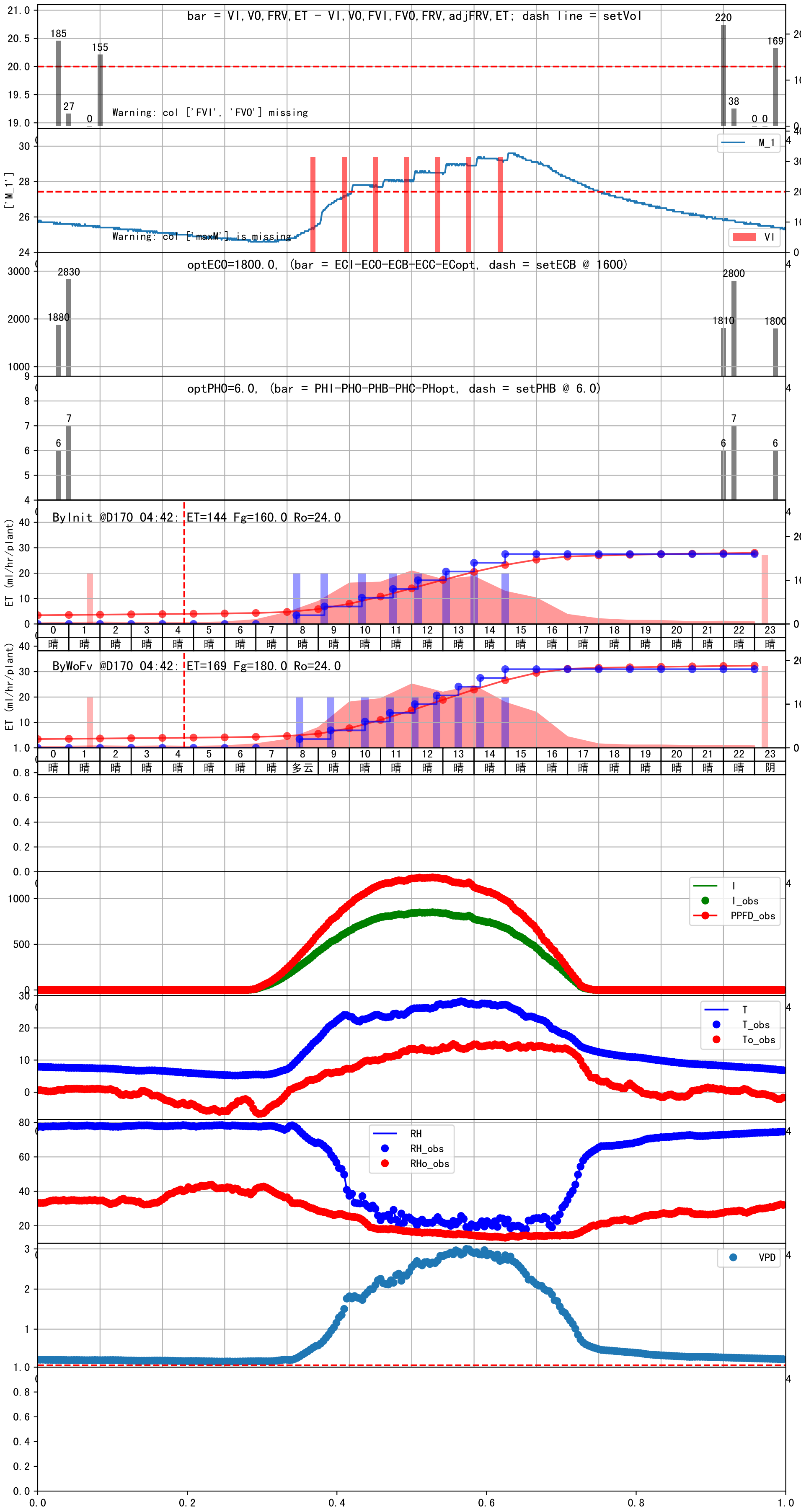


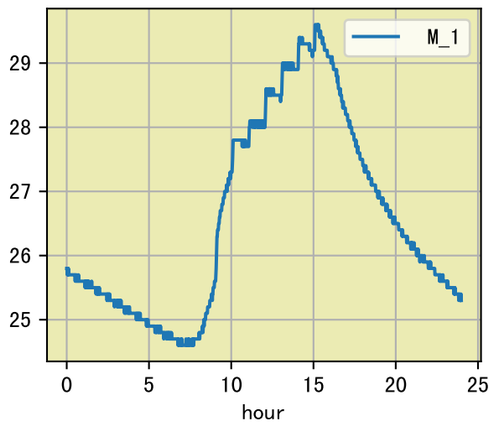

M_1
28
27
26
25
0
5
10
15
20
25
hour


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

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	91	20.0	0.143	多云	假设@08:25 未知程序（未用传感器）
09:25	91	20.0	0.143	晴	假设@09:25 未知程序（未用传感器）
10:30	91	20.0	0.143	晴	假设@10:30 未知程序（未用传感器）
11:20	91	20.0	0.143	晴	假设@11:20 未知程序（未用传感器）
12:05	91	20.0	0.143	晴	假设@12:05 未知程序（未用传感器）
12:50	91	20.0	0.143	晴	假设@12:50 未知程序（未用传感器）
13:30	91	20.0	0.143	晴	假设@13:30 未知程序（未用传感器）
14:15	91	20.0	0.143	晴	假设@14:15 未知程序（未用传感器）
15:00	91	20.0	0.143	晴	假设@15:00 未知程序（未用传感器）
总计	819.0 (9次)	180.0			建议进液EC：1600， PH：6.0

P2-11_0, Day=166 (2026-02-19)




M_1
29
28
27
26
25
0
5
10
15
20
25
hour