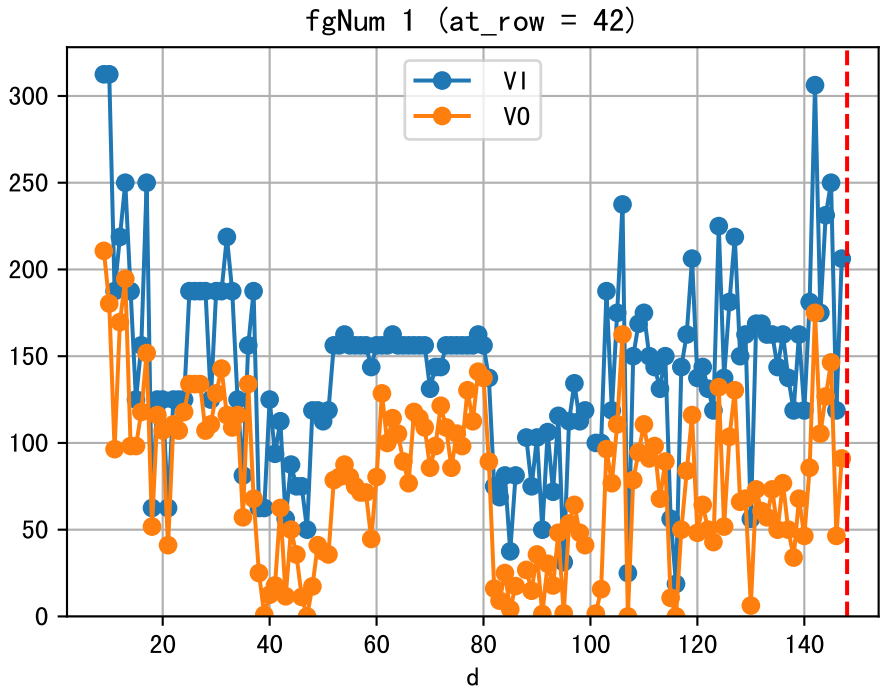
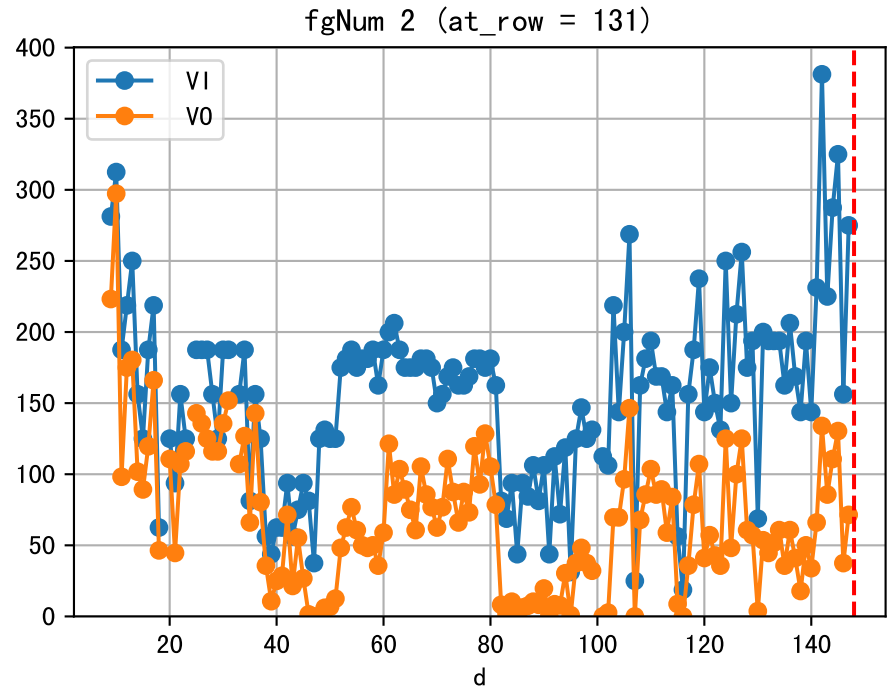
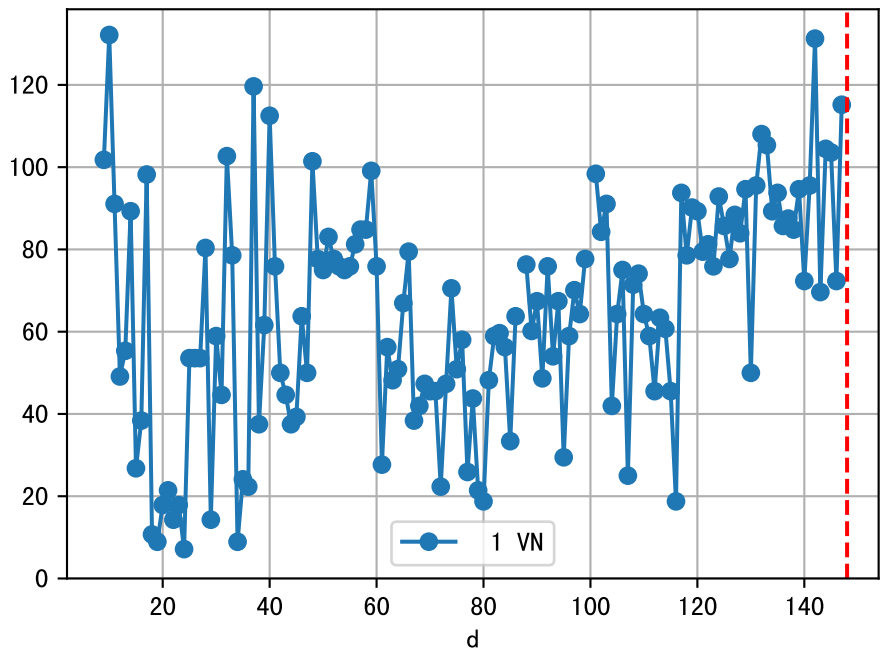
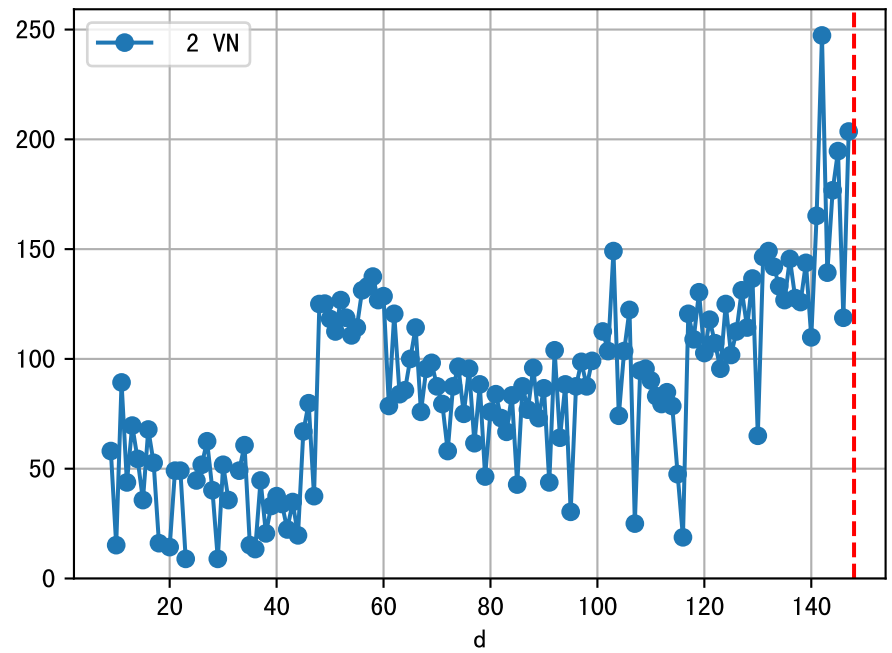
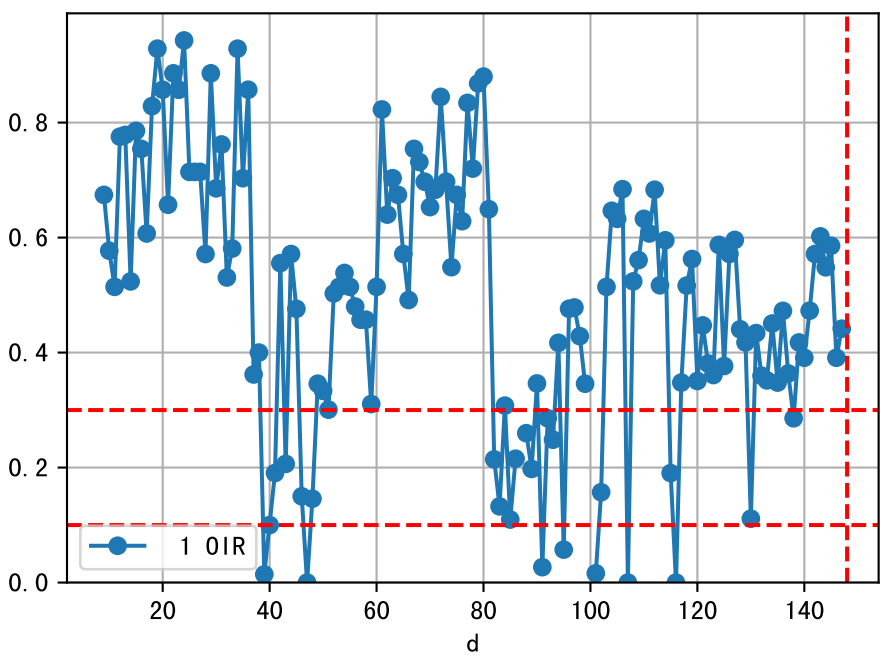
FgArea: ['0']
NC11 P1
2026-02-19 (Day 148)

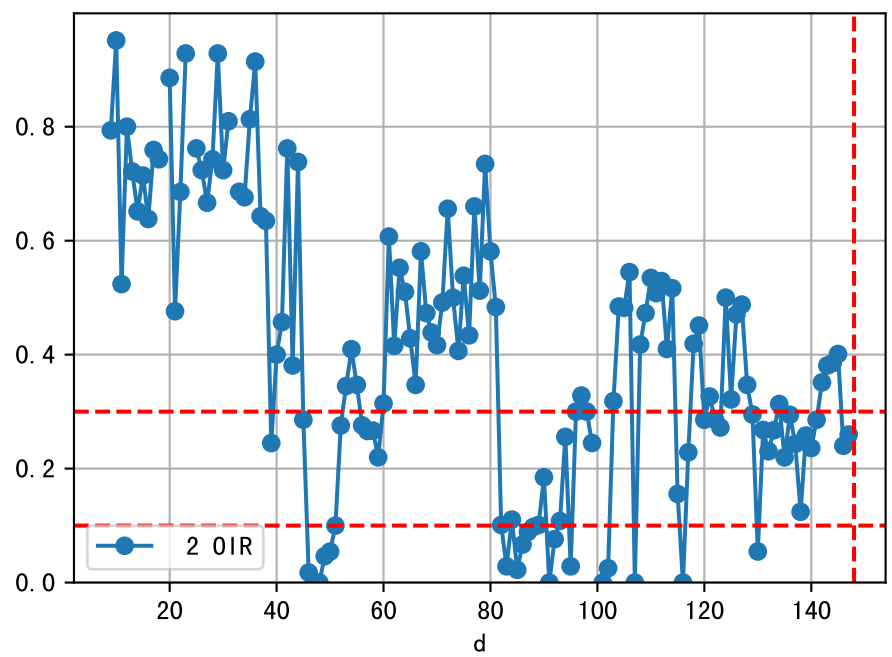

fgNum 1 (at_row = 42)
VI
VO
d

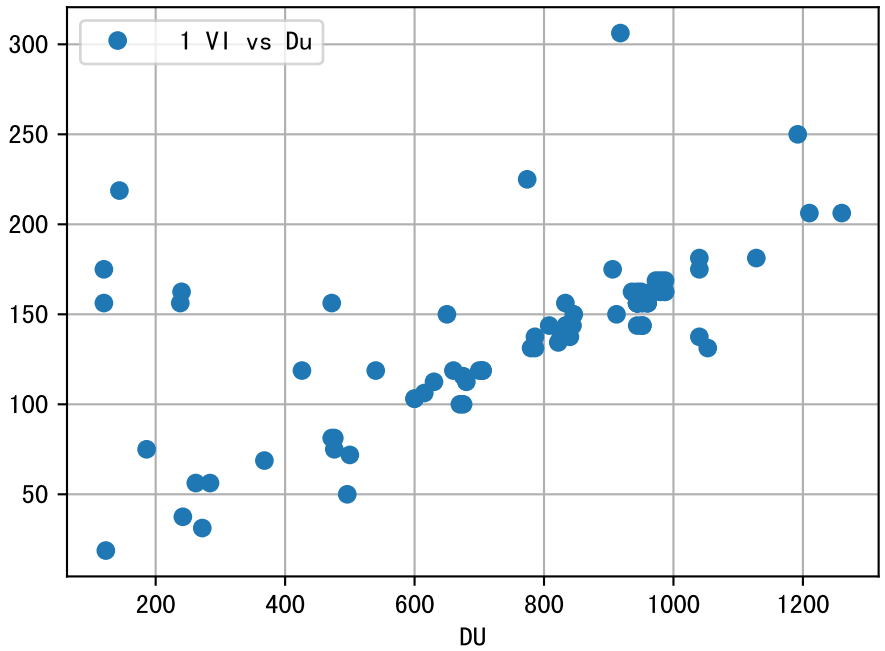

fgNum 2 (at_row = 131)
VI
VO
d

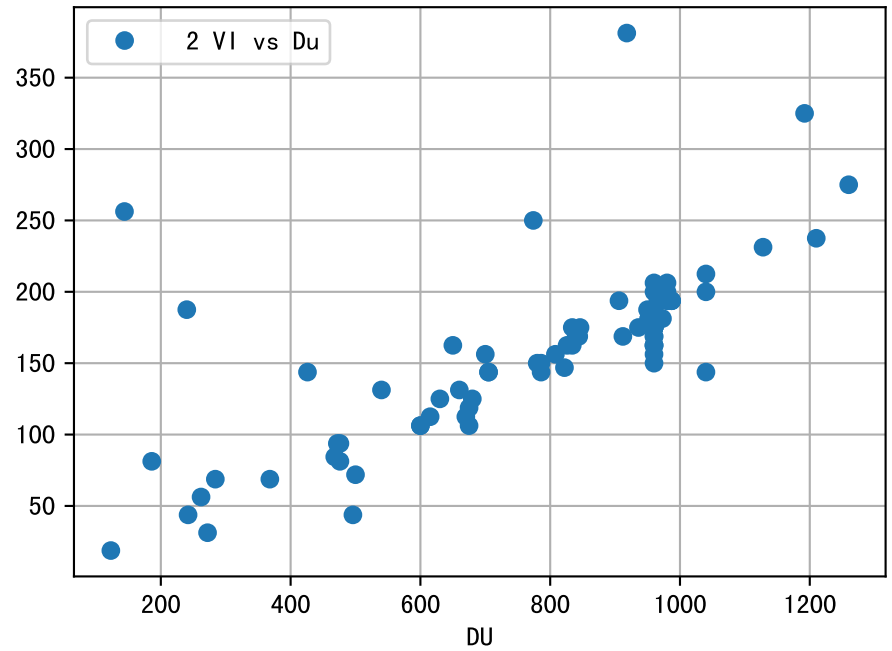

1 VN
d

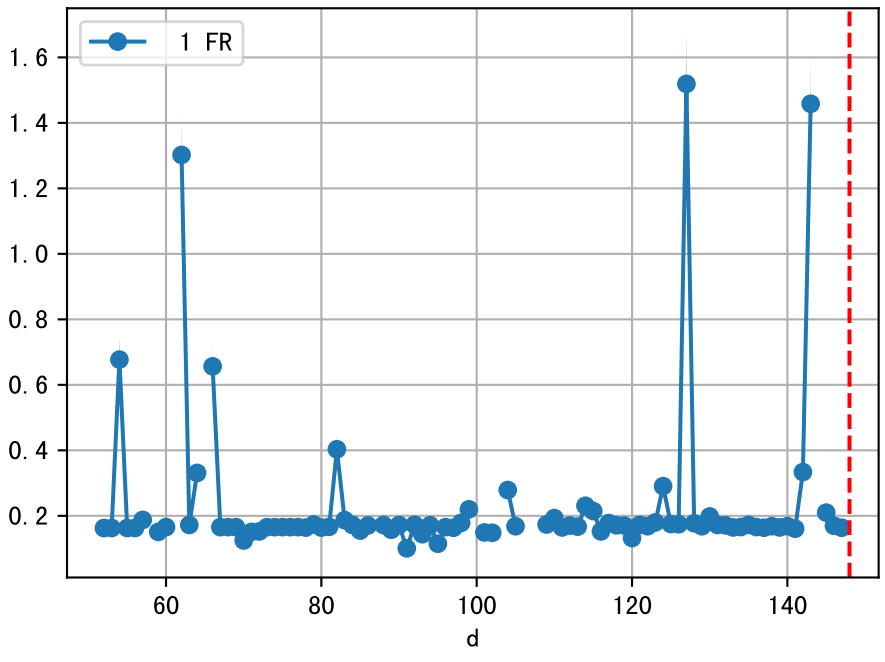

2 VN
d

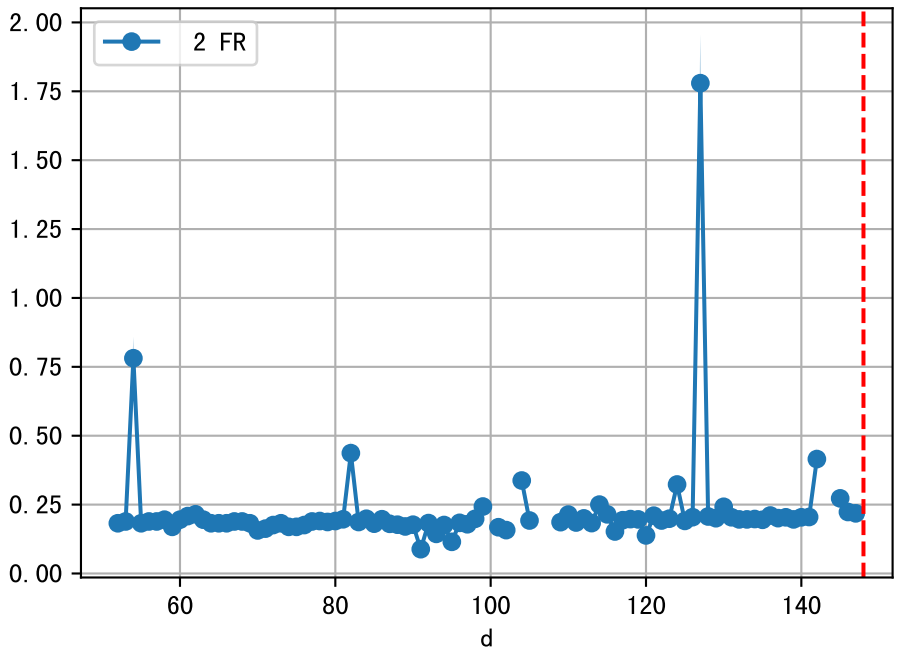

1 OIR
d

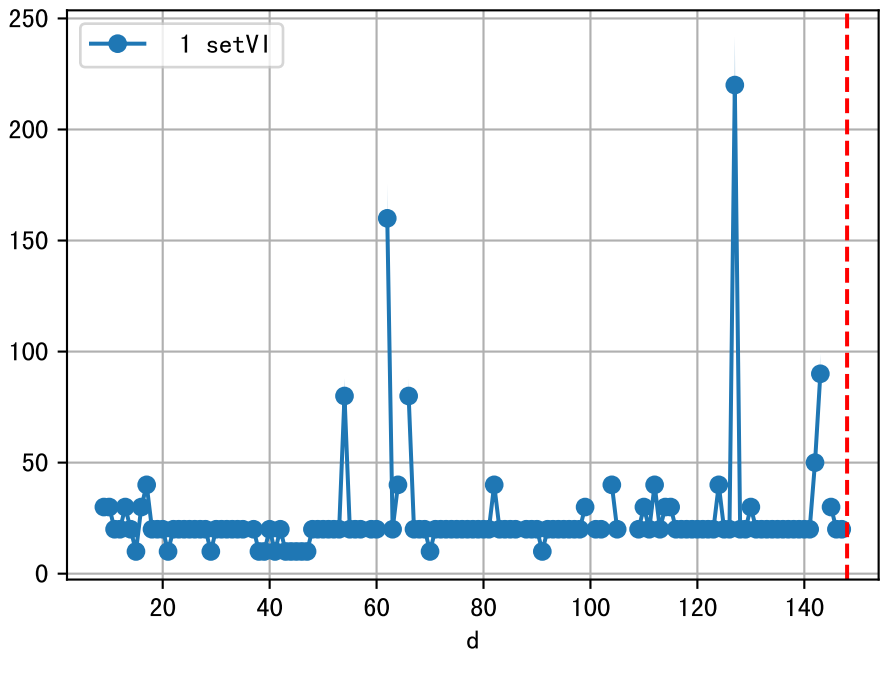

2 OIR
d

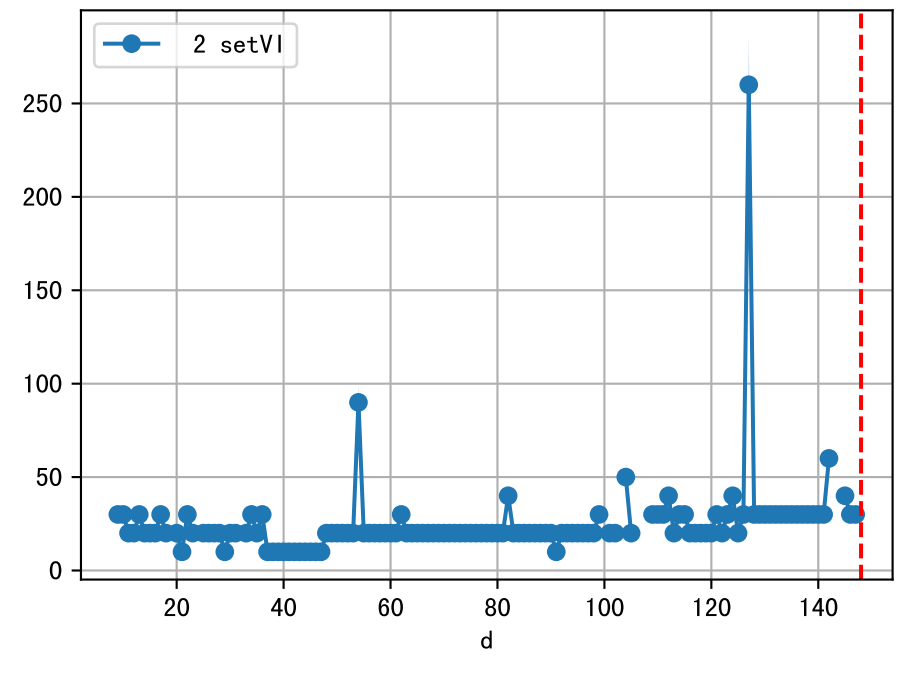

1 VI vs Du
300
250
200
150
100
50
200
400
600
800
1000
1200
DU

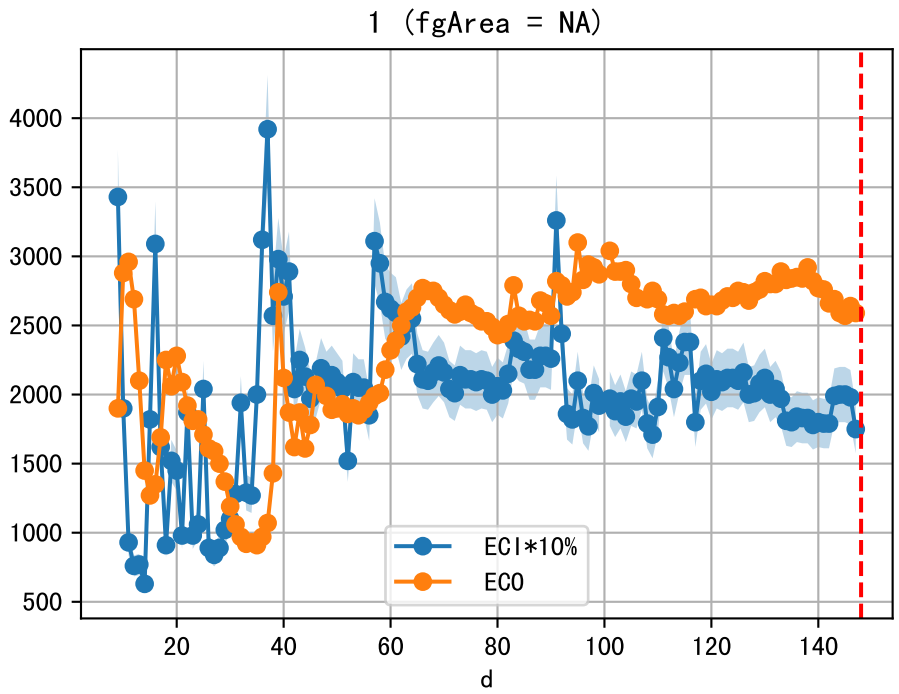

2 VI vs Du
350
300
250
200
150
100
50
200
400
600
800
1000
1200
DU

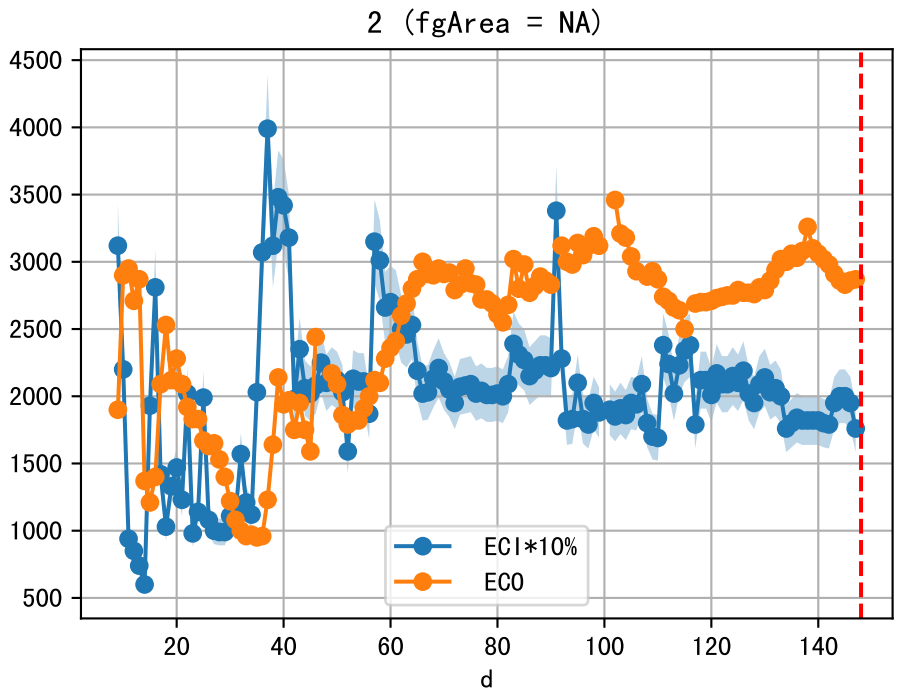

1 FR
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
60
80
100
120
140
d

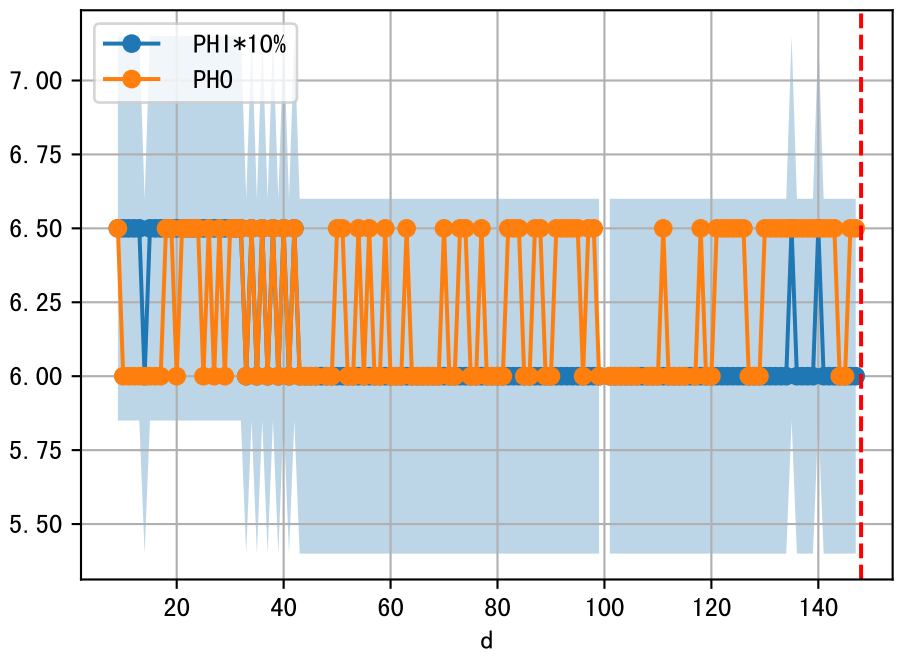

2 FR
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
60
80
100
120
140
d

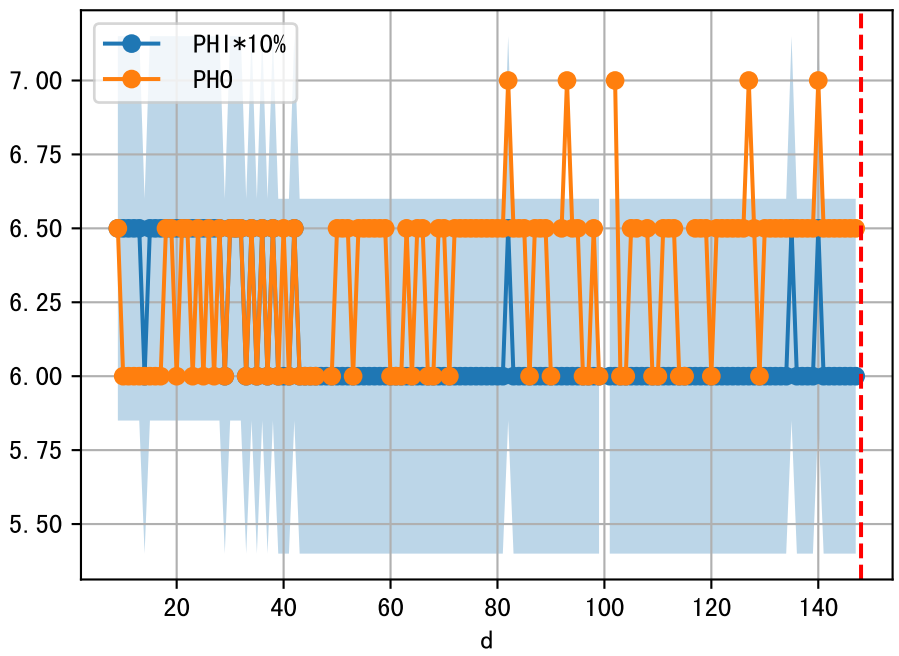

1 setVI
250
200
150
100
50
0
20
40
60
80
100
120
140
d

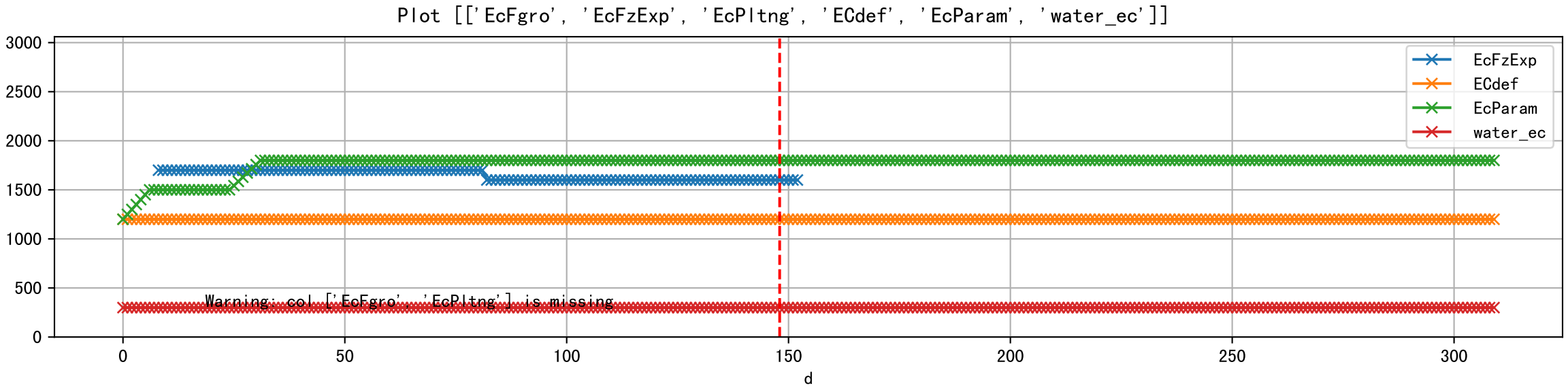

2 setVI
250
200
150
100
50
0
20
40
60
80
100
120
140
d

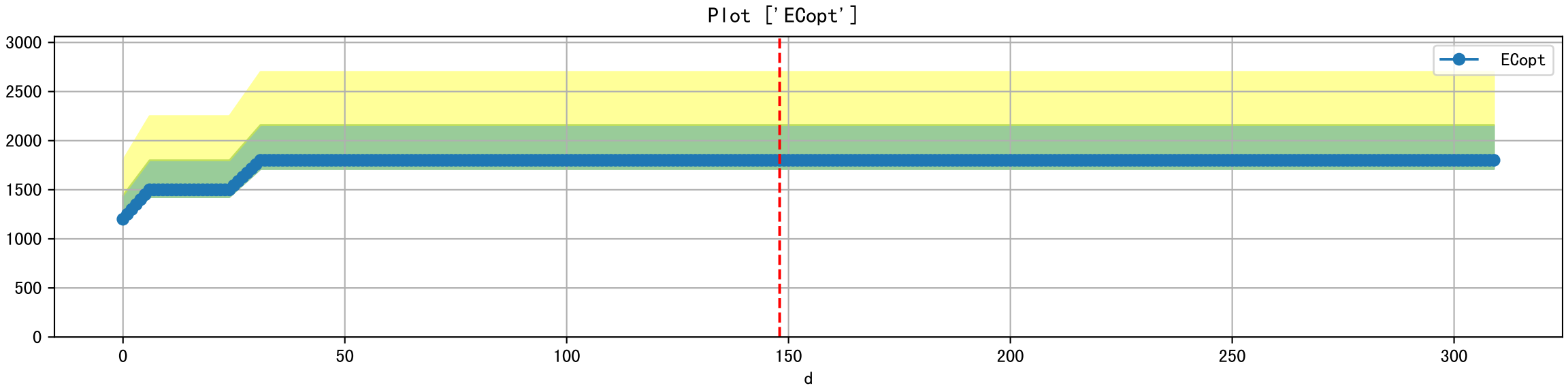

1 (fgArea = NA)
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
140
d
ECI*10%
ECO

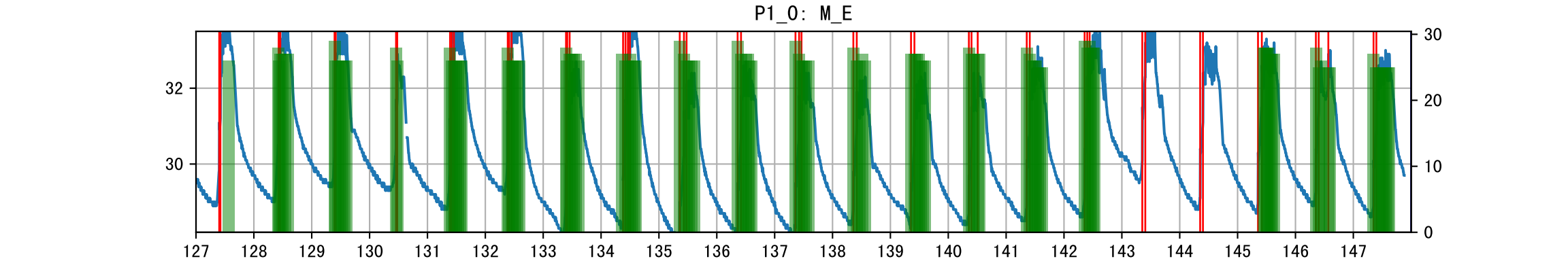

2 (fgArea = NA)
4500
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
140
d
ECI*10%
ECO

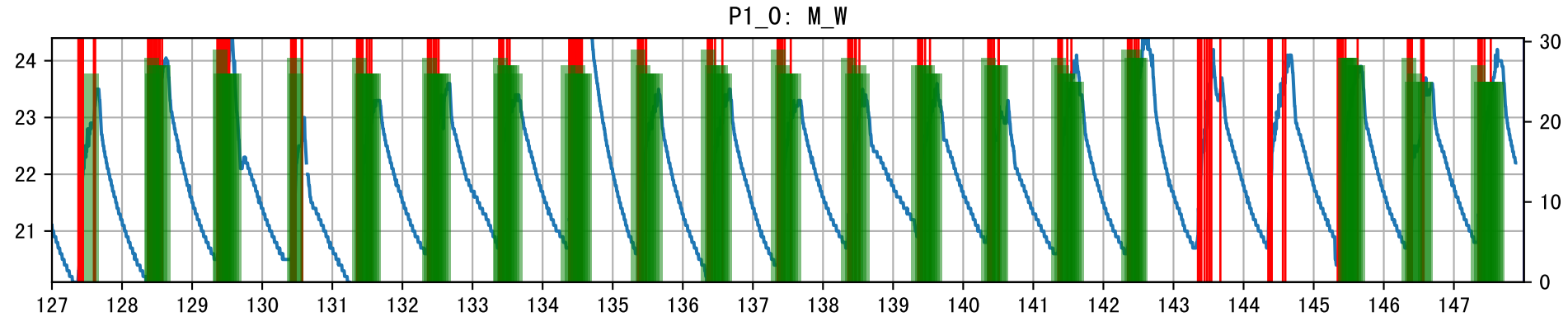

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
d


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

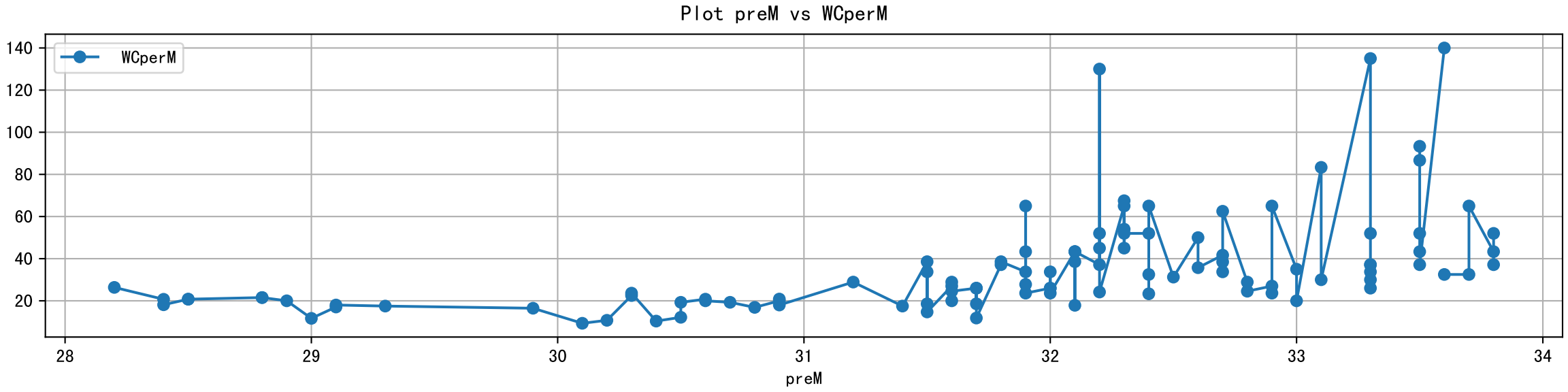

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

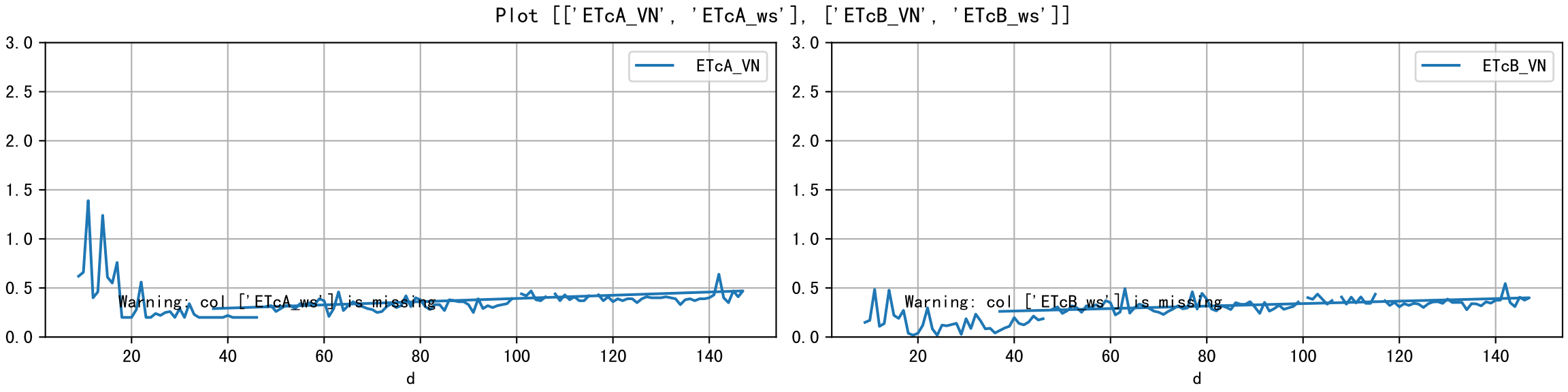

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

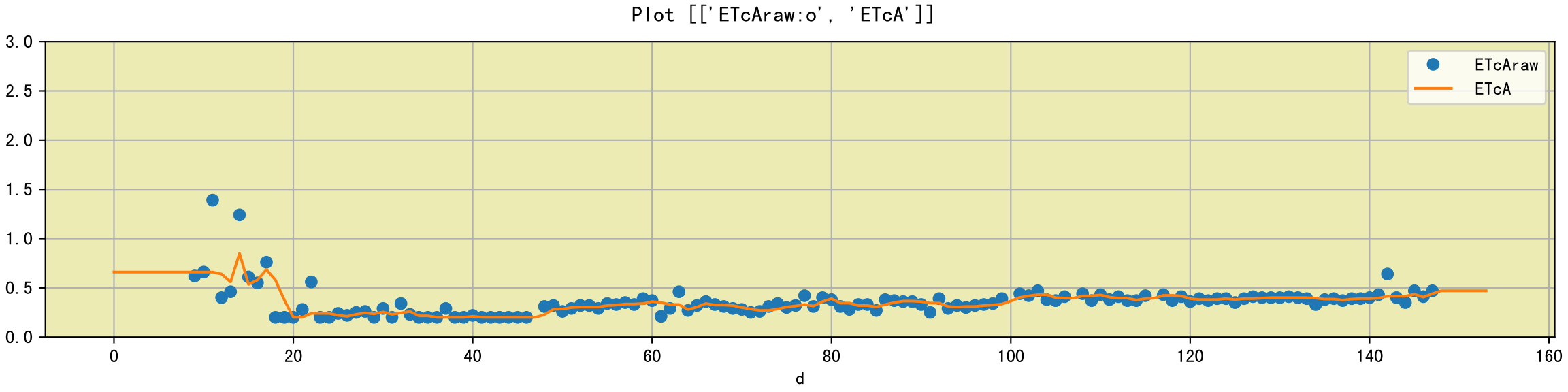

P1_0: M_E
32
30
30
20
10
0
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147

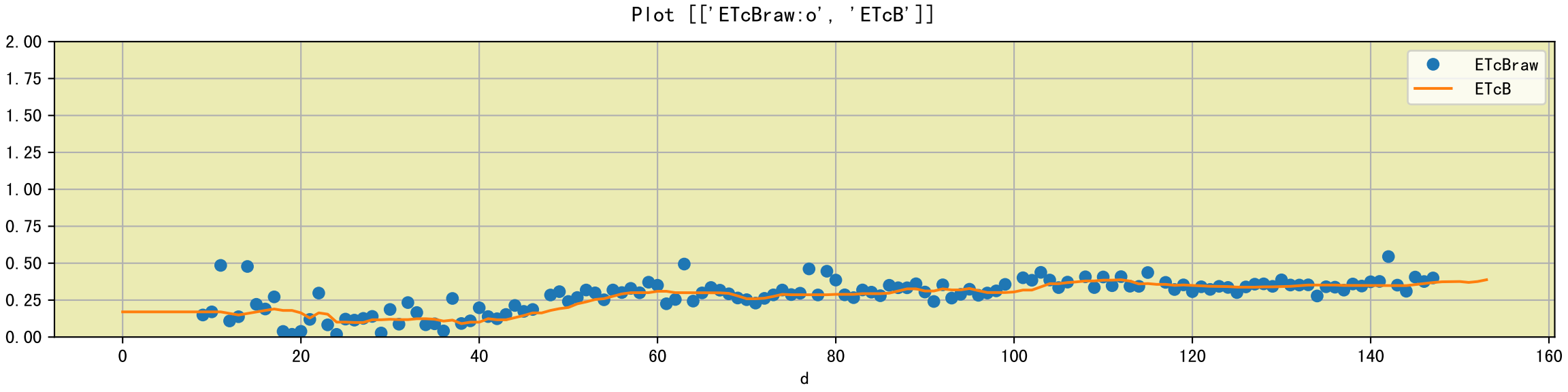

P1_O: M_W
24
23
22
21
30
20
10
0
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147

Plot Sensor and FgRec Data

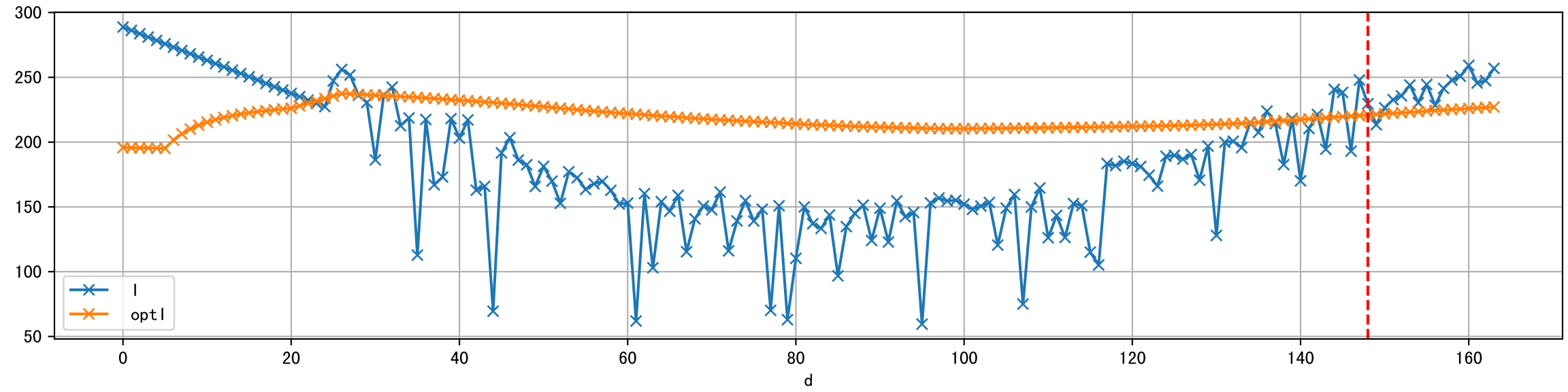

Plot preM vs WCperM
WCperM
140
120
100
80
60
40
20
28
29
30
31
32
33
34
preM

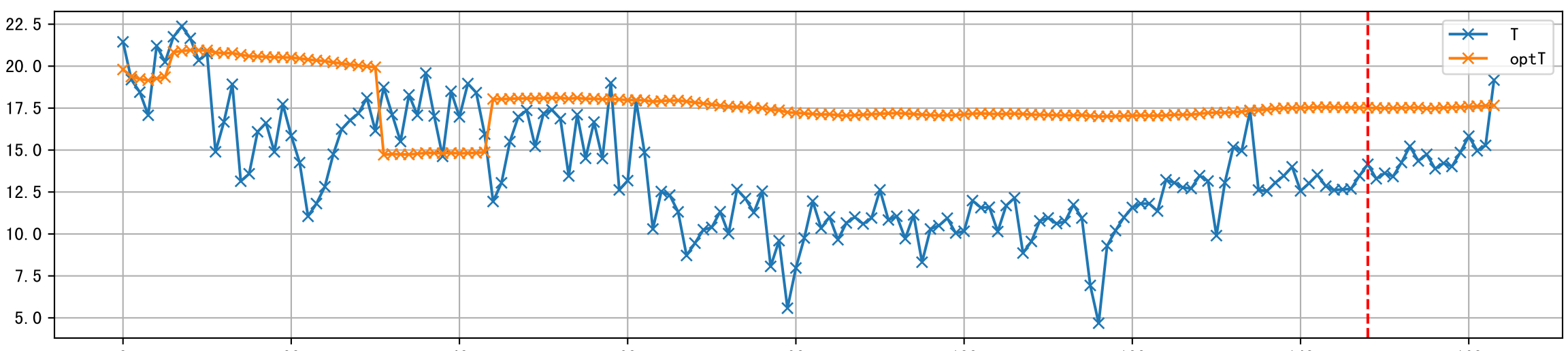

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d
d

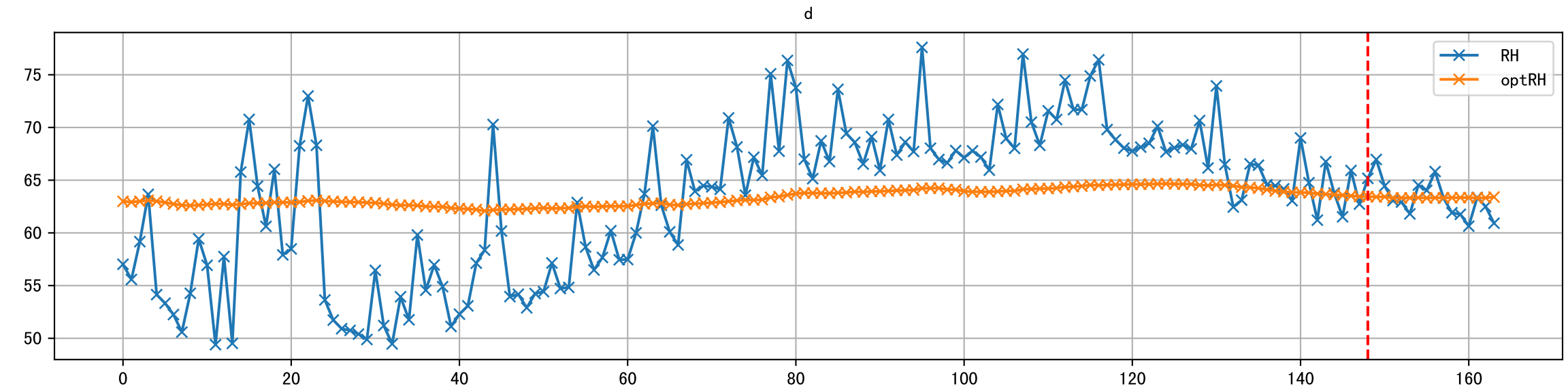

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
160
d

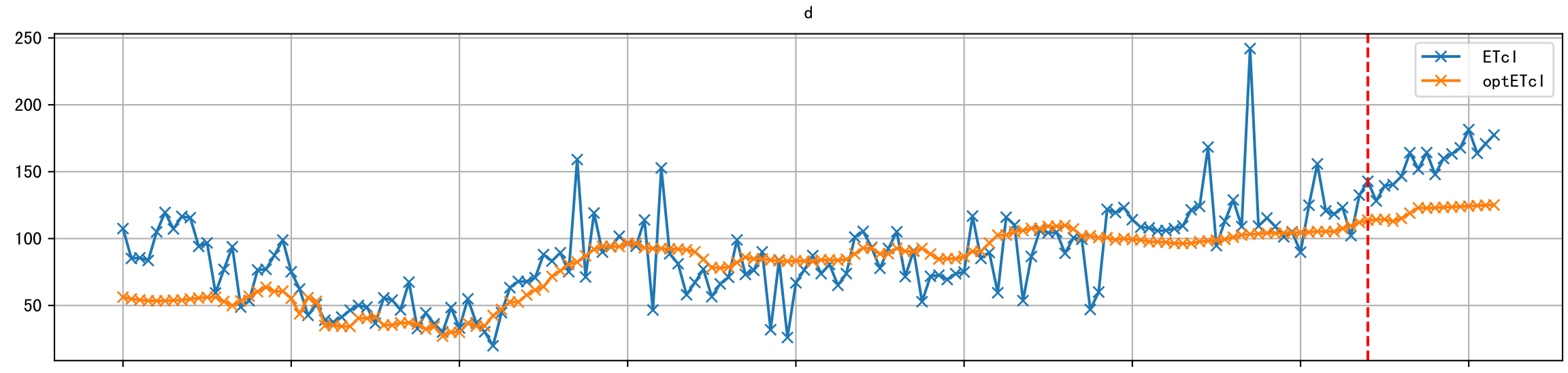

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
160
d

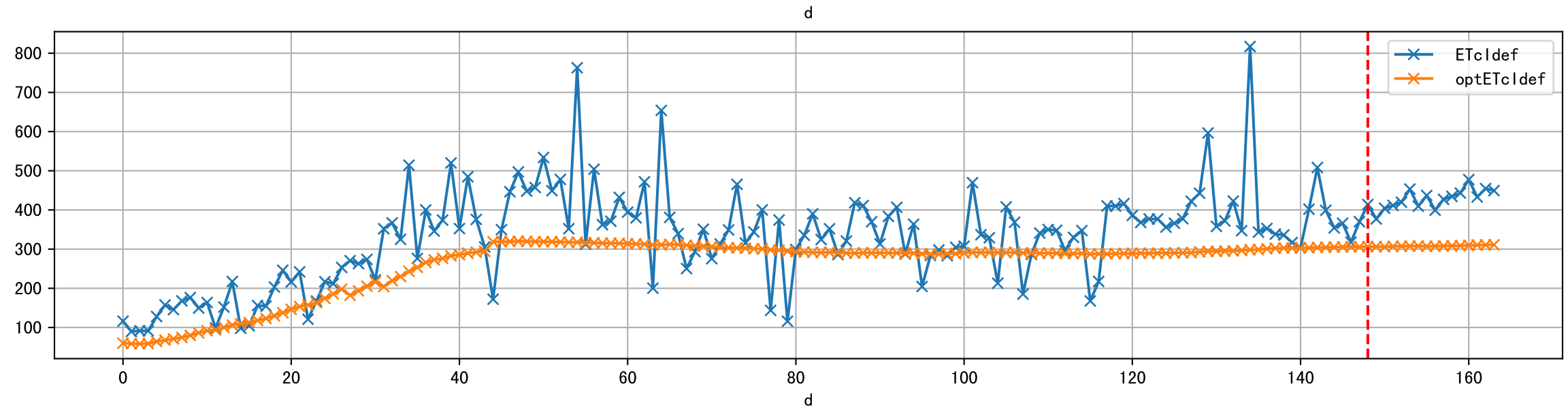
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcl', 'optETcl'], ['ETcldef', 'optETcldef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

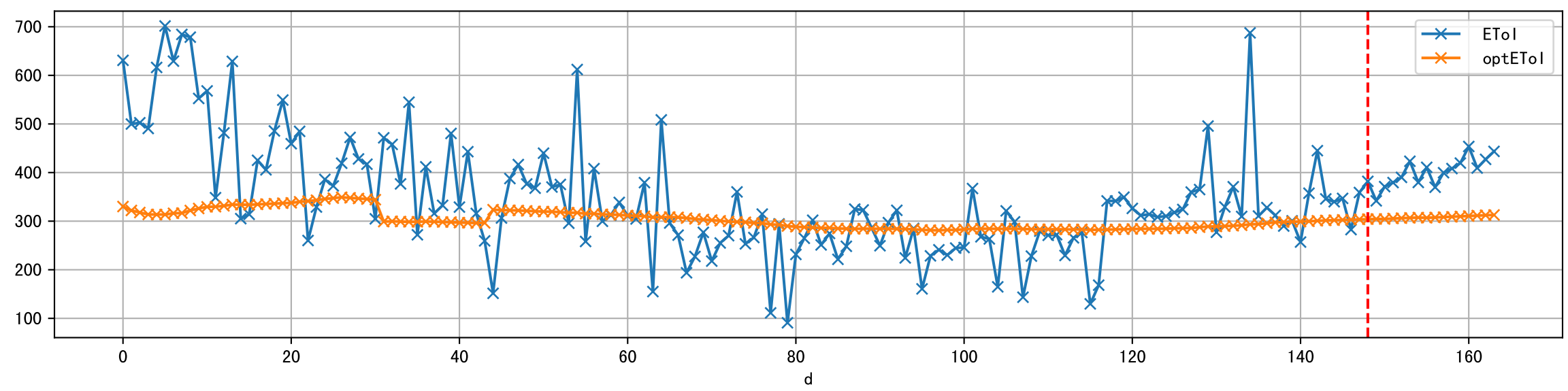


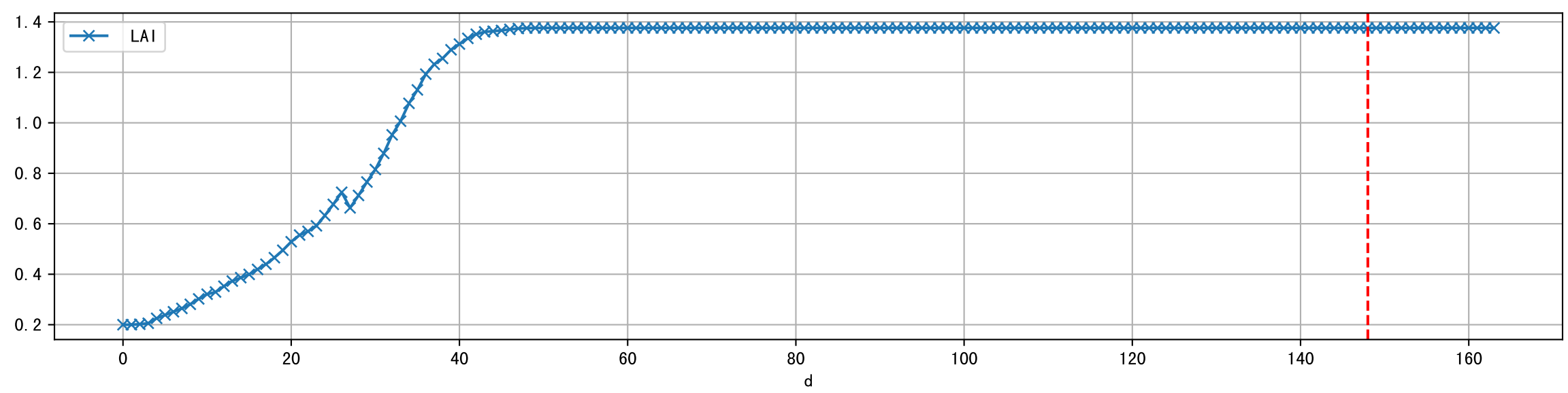


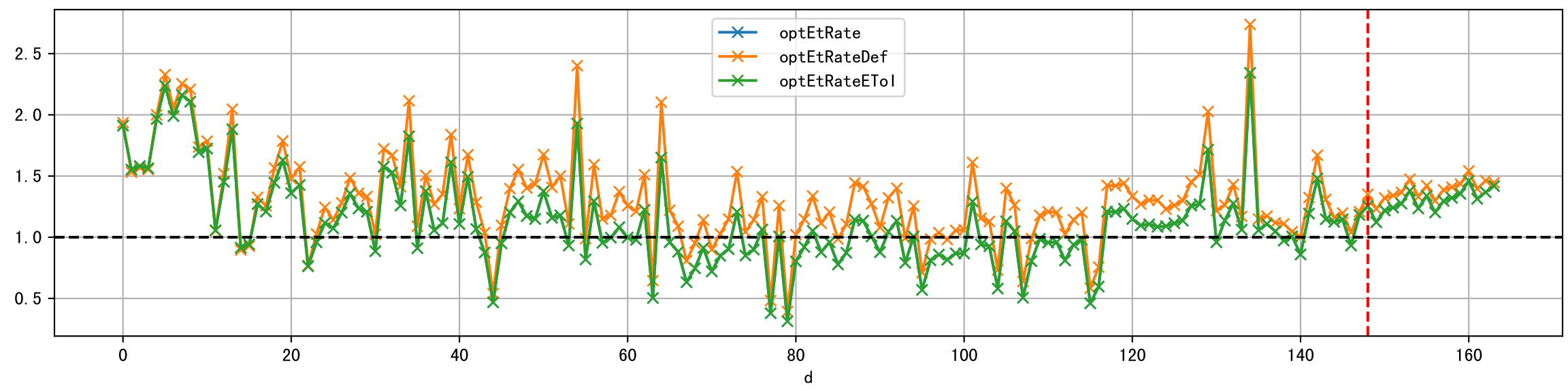


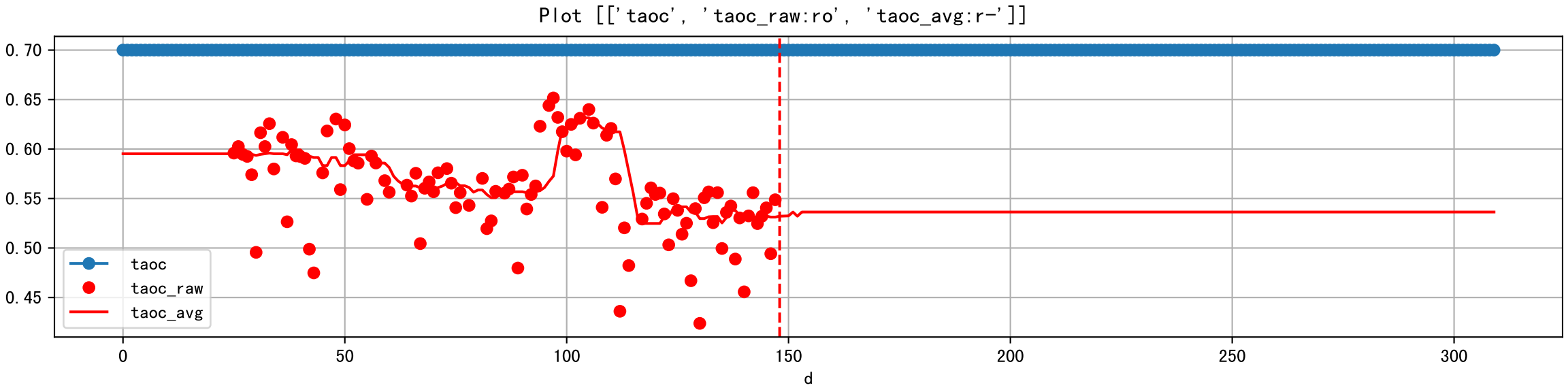


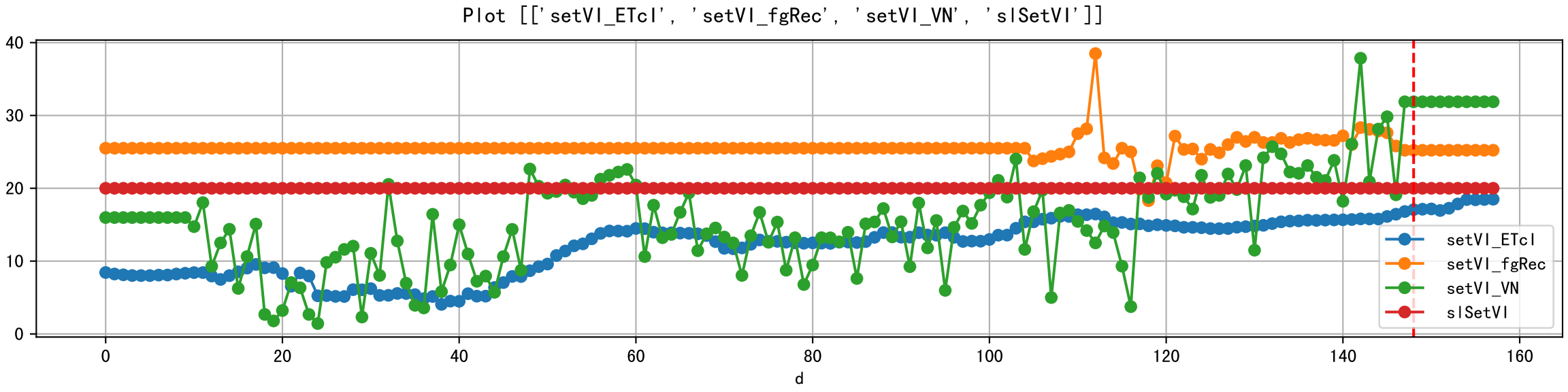


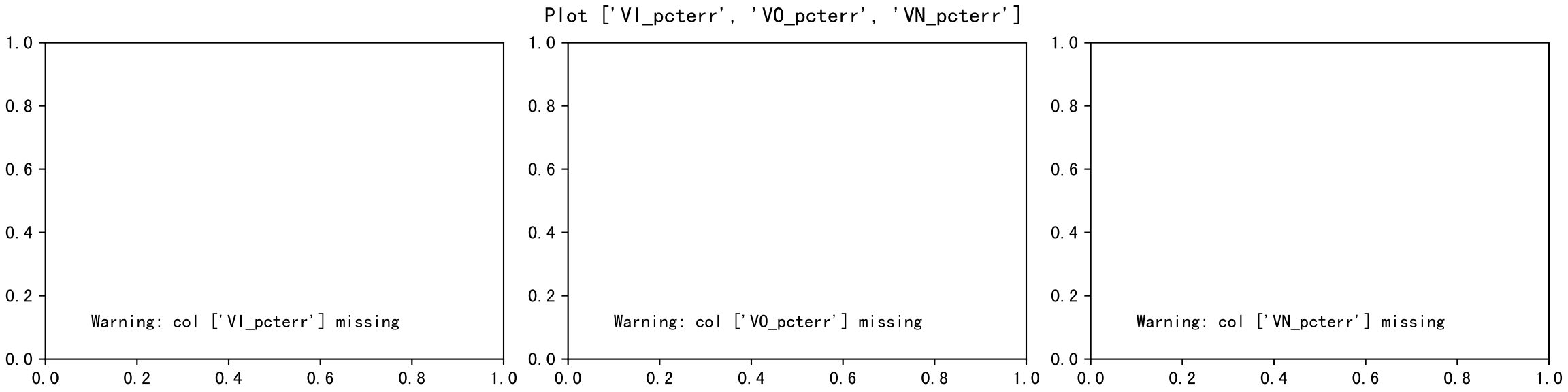


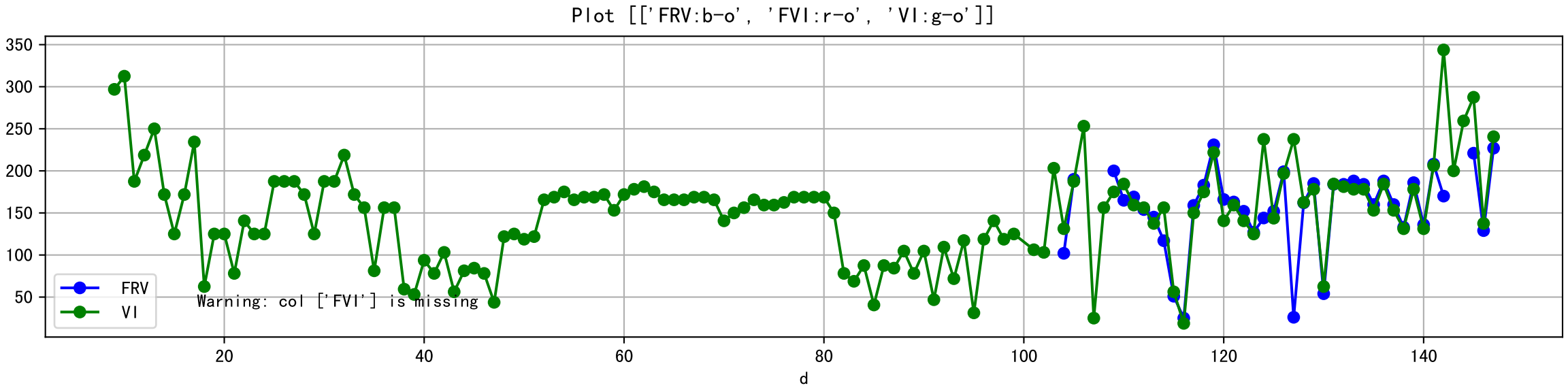


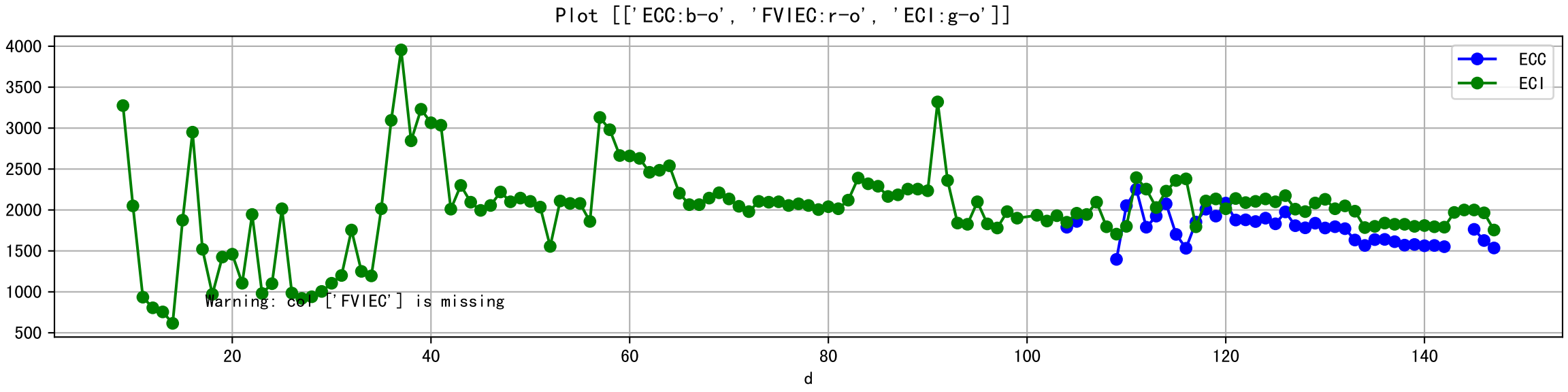


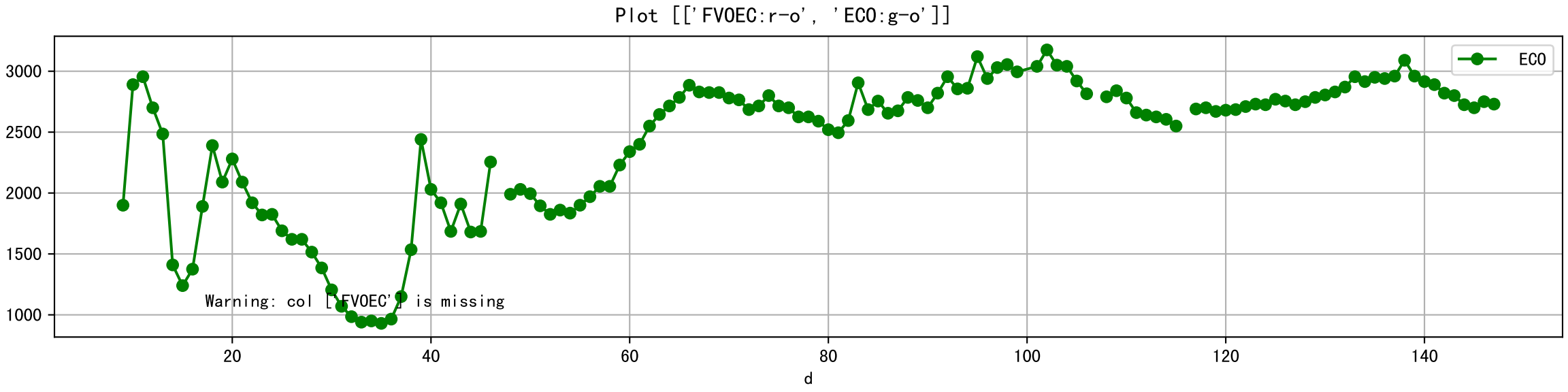

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.70
0.65
0.60
0.55
0.50
0.45
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

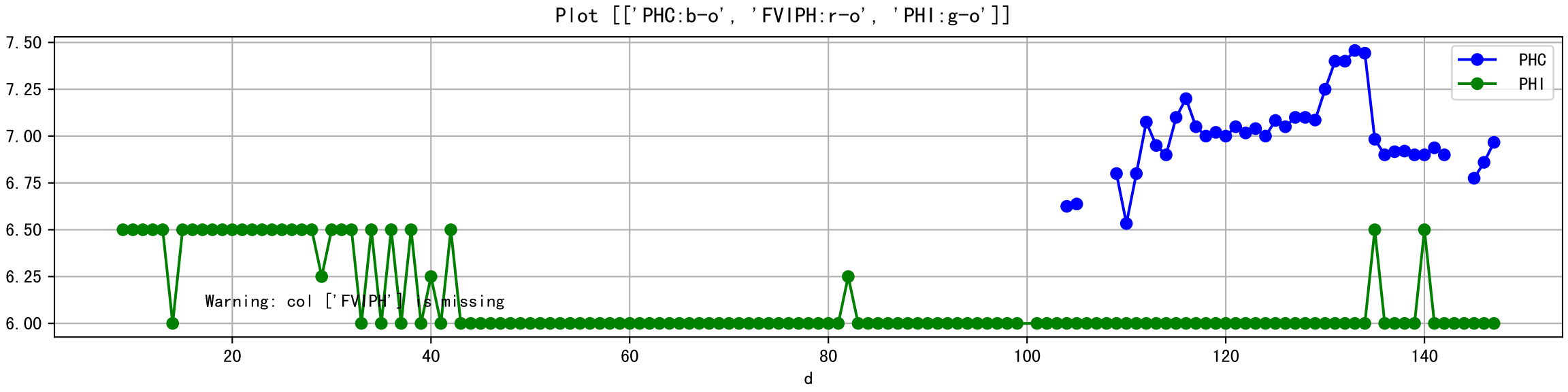

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
40
30
20
10
0
0
20
40
60
80
100
120
140
160
d
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI

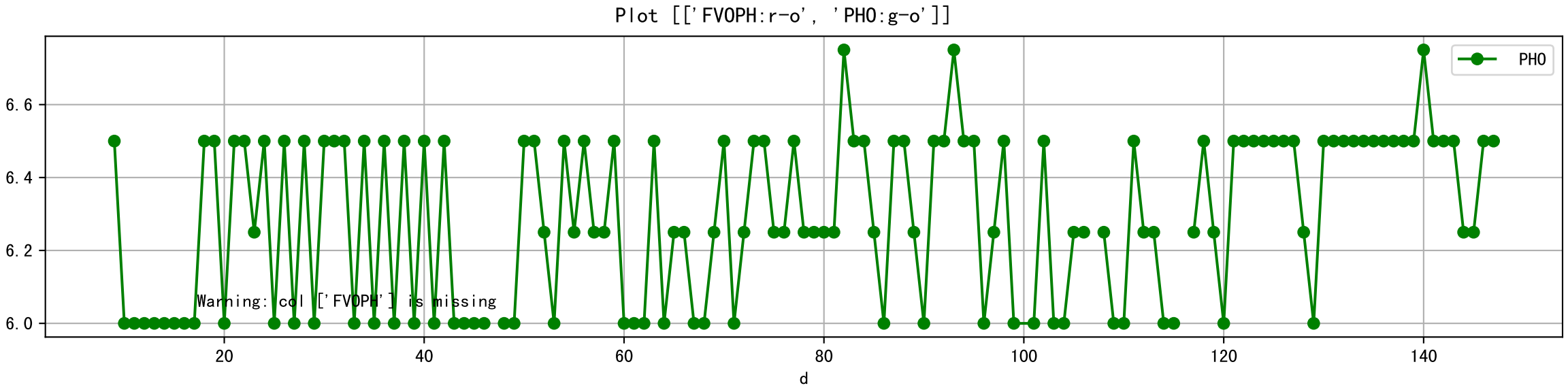

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

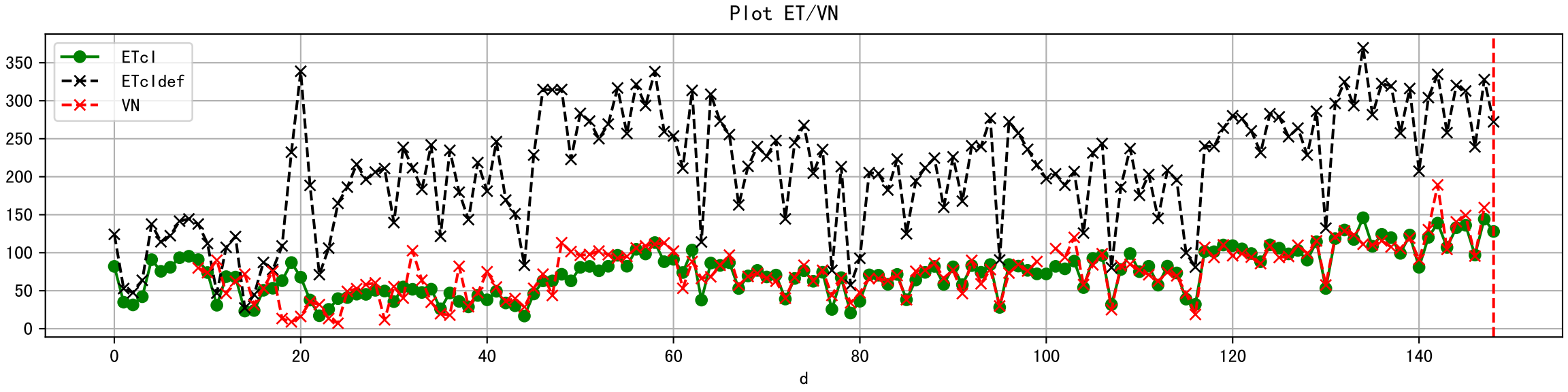

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
350
300
250
200
150
100
50
20
40
60
80
100
120
140
d
FRV
VI
Warning: col ['FVI'] is missing

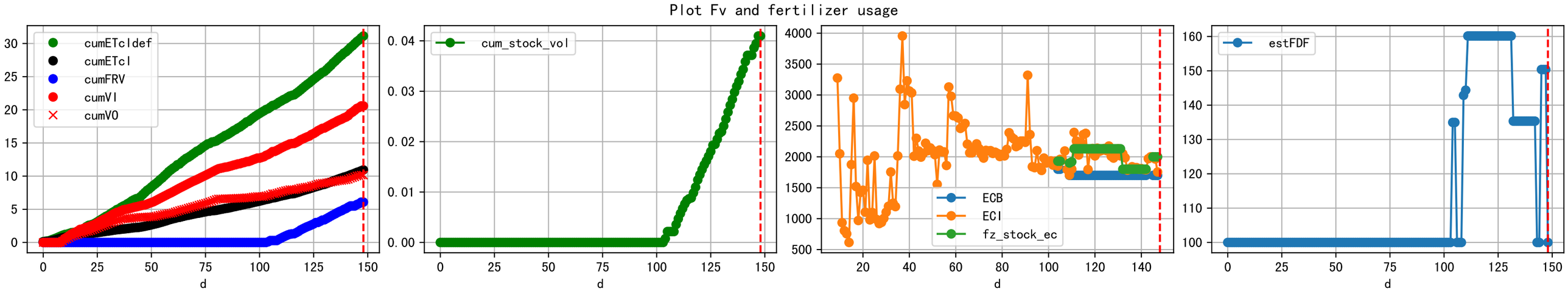

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
140
d

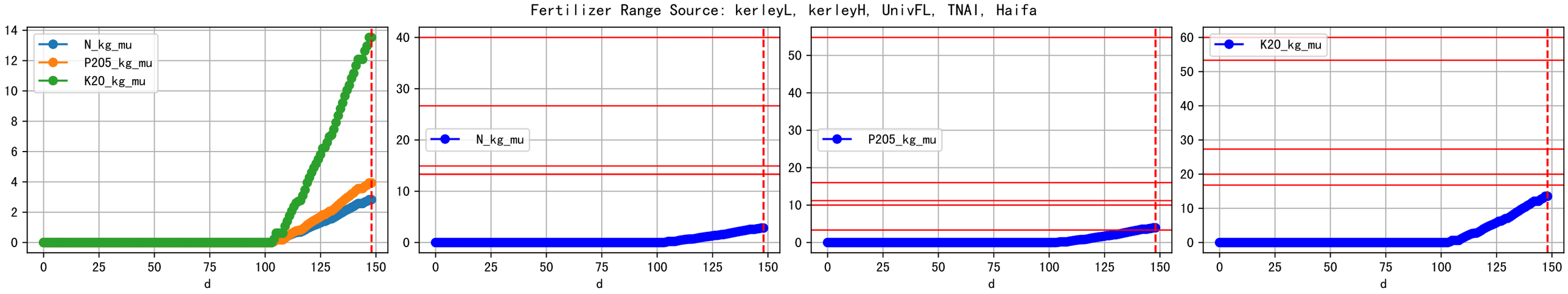

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3000
2500
2000
1500
1000
20
40
60
80
100
120
140
d

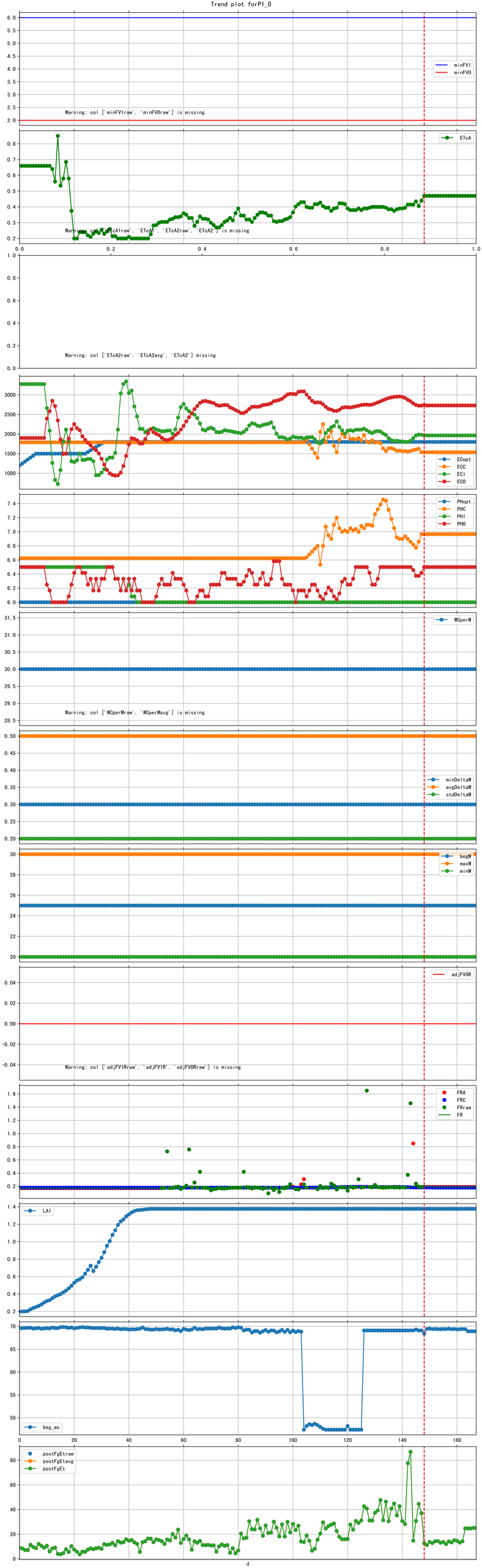

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
20
40
60
80
100
120
140
d
PHC
PHI
Warning: col ['FVIPH'] is missing

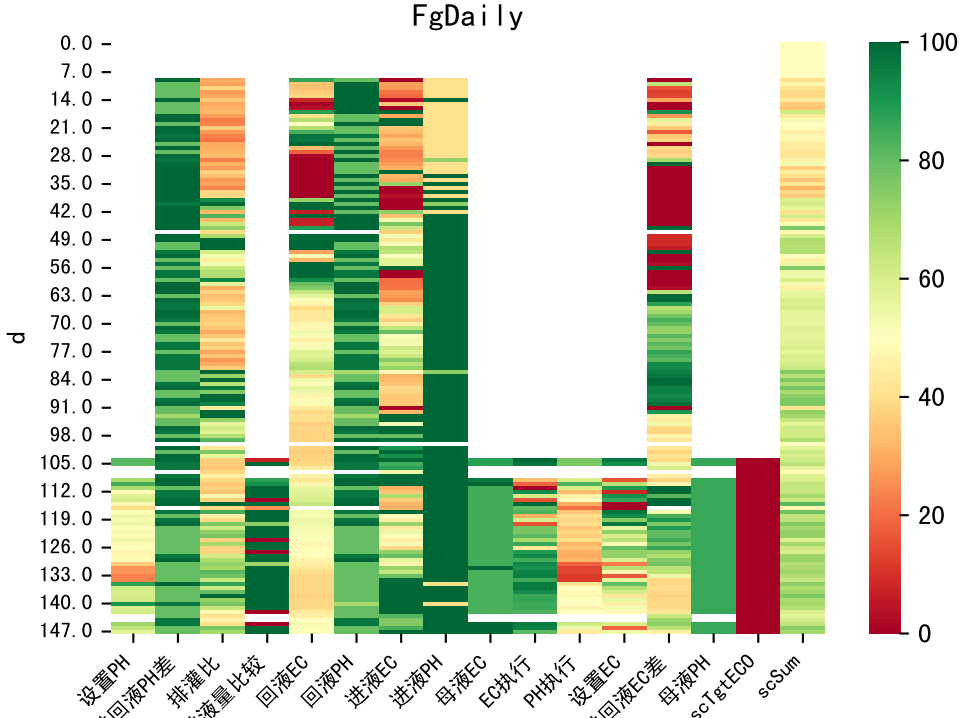

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
6.0
6.2
6.4
6.6
20
40
60
80
100
120
140
d


Plot ET/VN
ETcl
ETcldef
VN
350
300
250
200
150
100
50
0
0
20
40
60
80
100
120
140
d

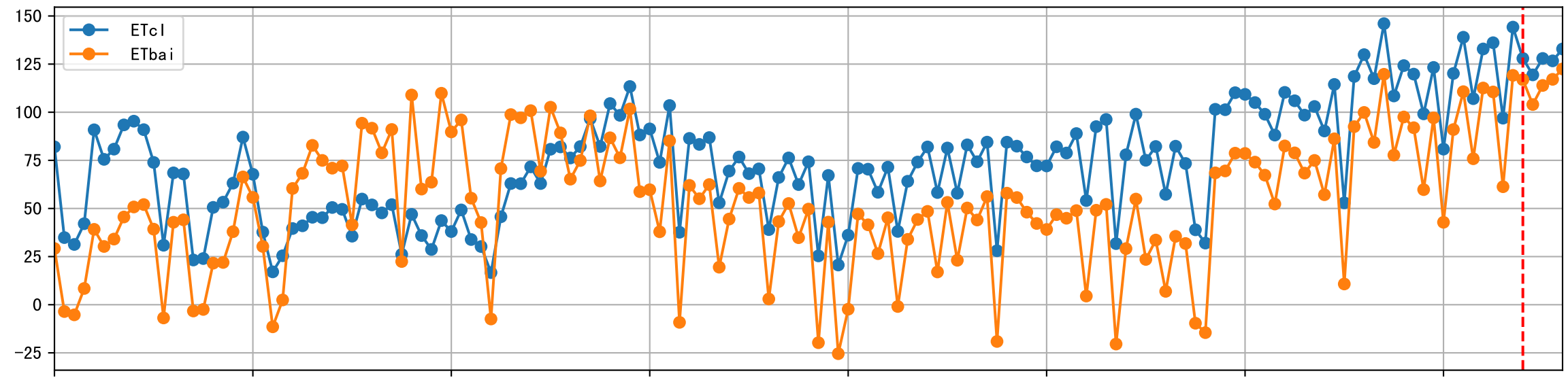

Plot Fv and fertilizer usage
cumETcldef
cumETcl
cumFRV
cumVl
cumVO
cum_stock_vol
ECB
ECI
fz_stock_ec
estFDF
d
d
d
d

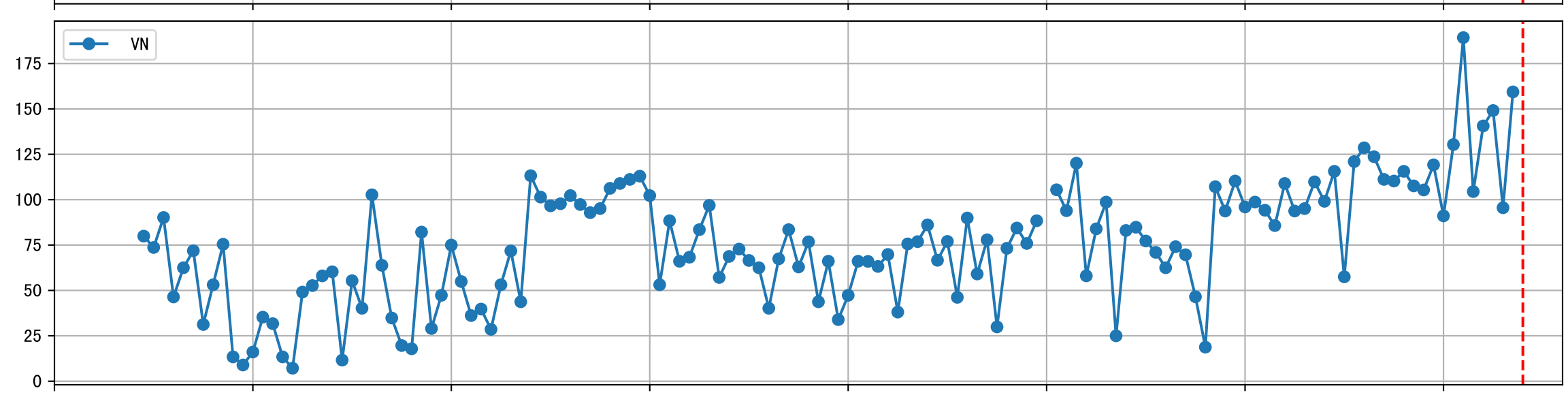

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

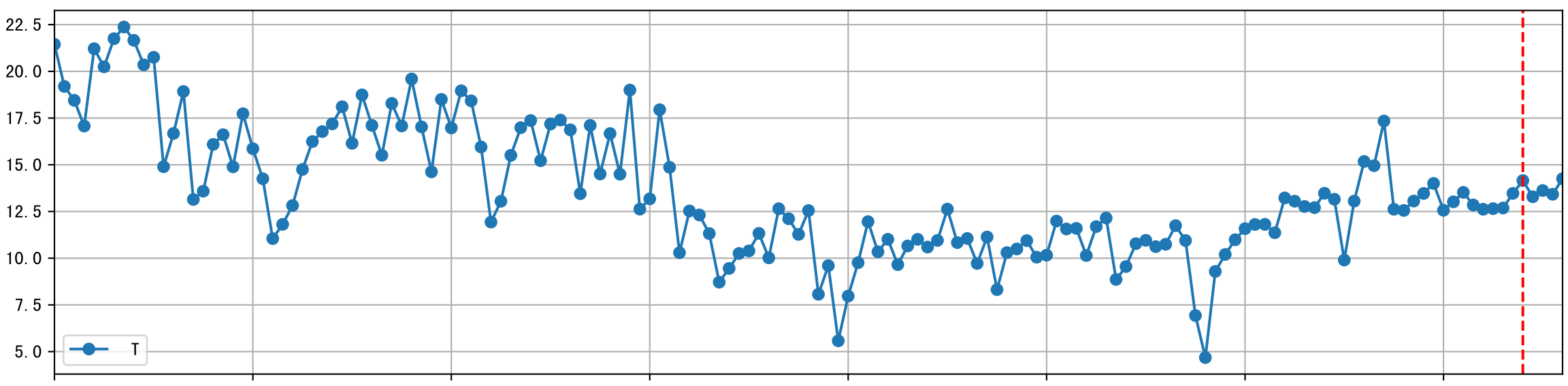

Trend plot forP1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing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

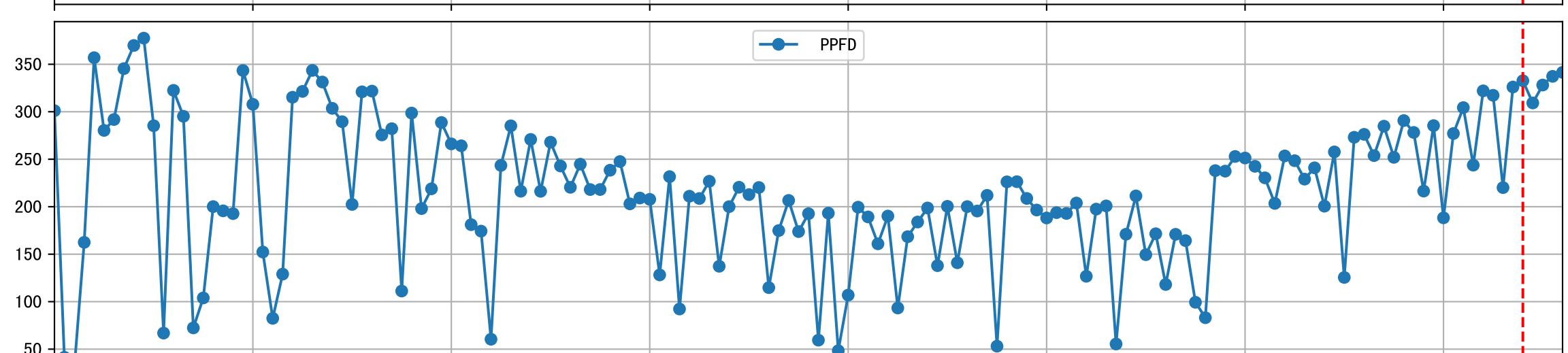

FgDaily
d
0.0
7.0
14.0
21.0
28.0
35.0
42.0
49.0
56.0
63.0
70.0
77.0
84.0
91.0
98.0
105.0
112.0
119.0
126.0
133.0
140.0
147.0
100
80
60
40
20
0
设置PH
回液PH差
排灌比
液量比较
回液EC
回液PH
进液EC
进液PH
母液EC
EC执行
PH执行
设置EC
回液EC差
母液PH
scTgtEC0
scSum

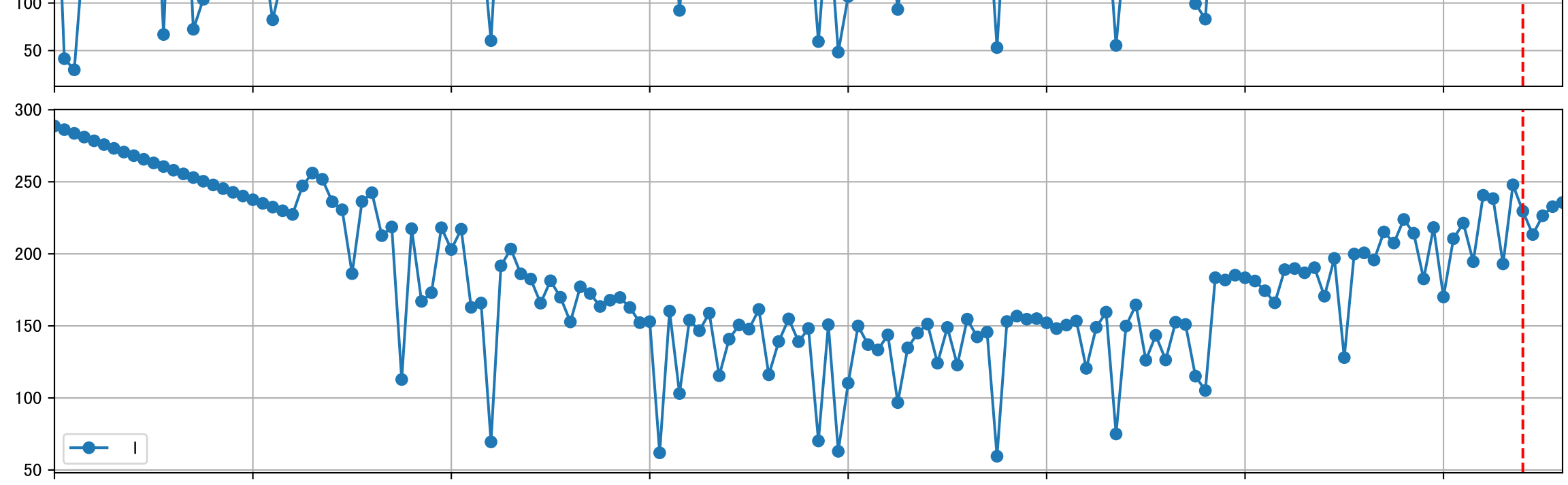
P1_0

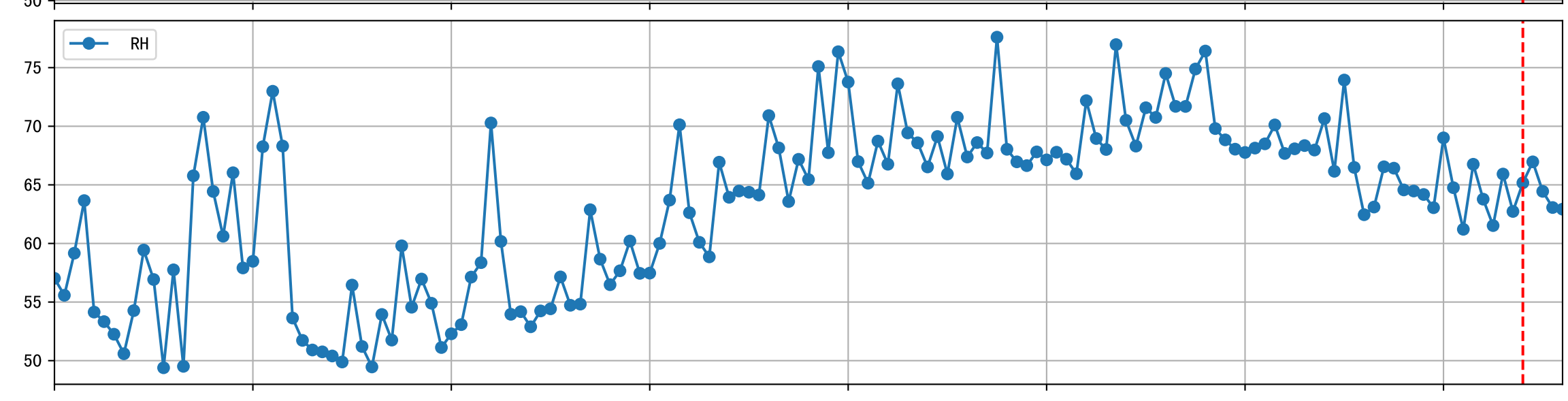


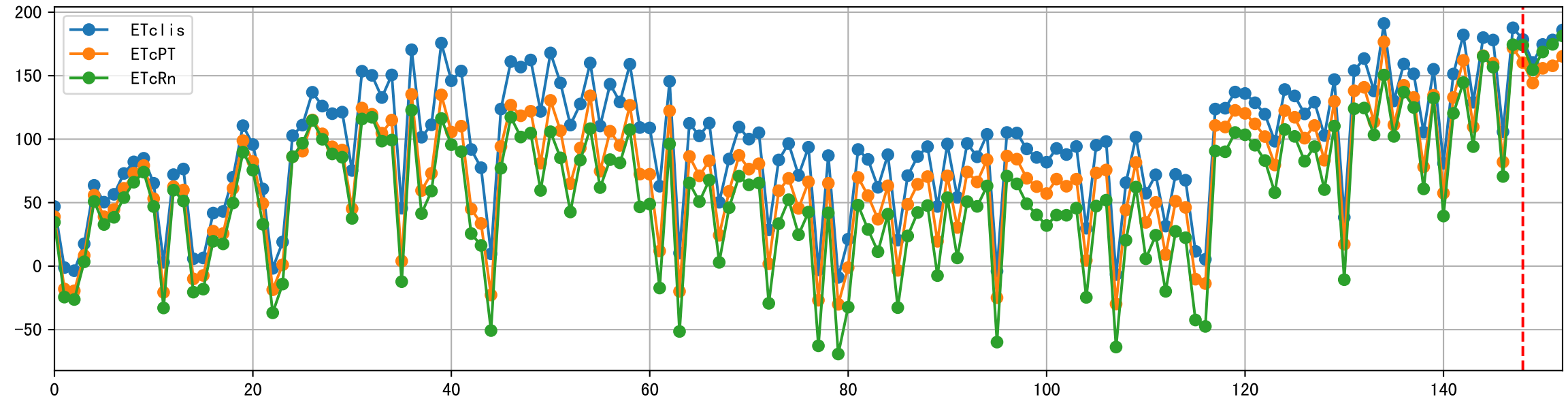


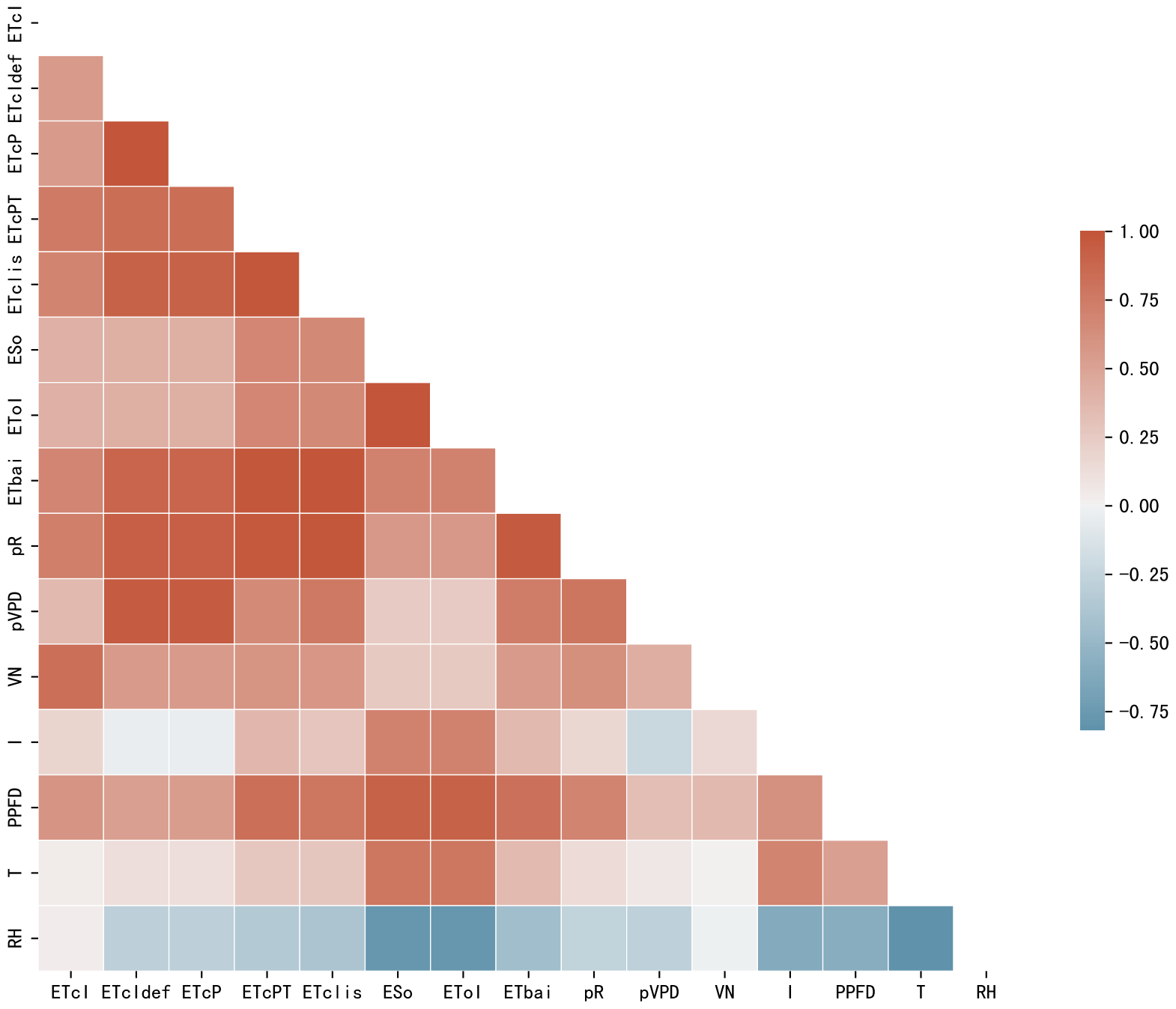


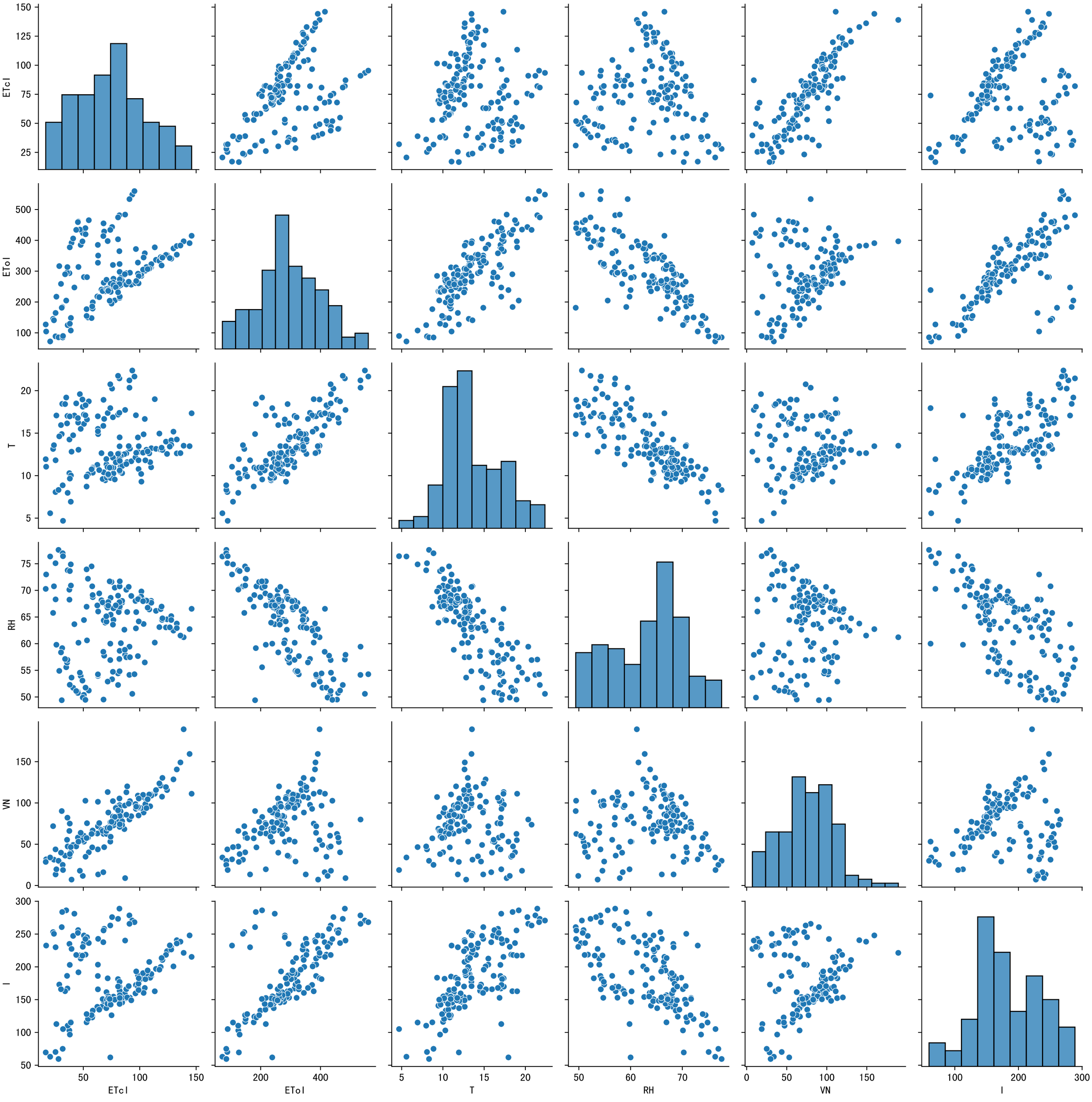


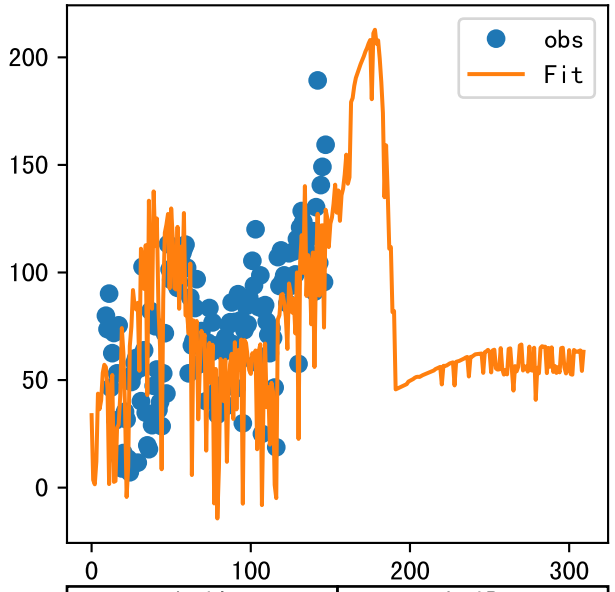


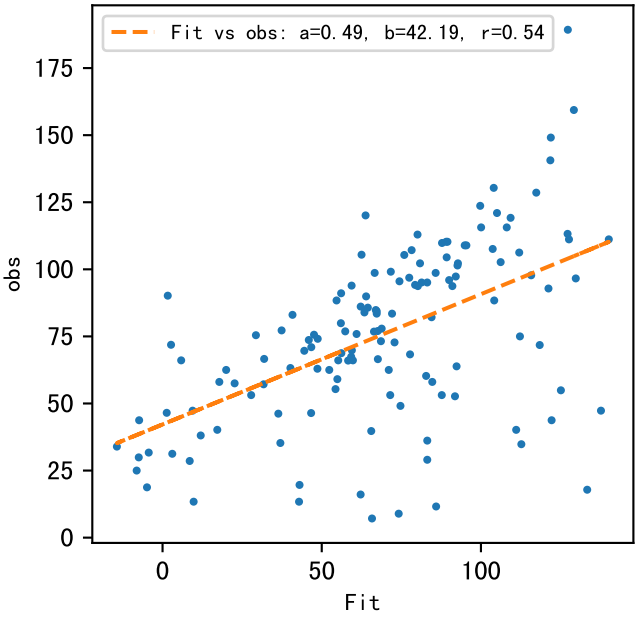




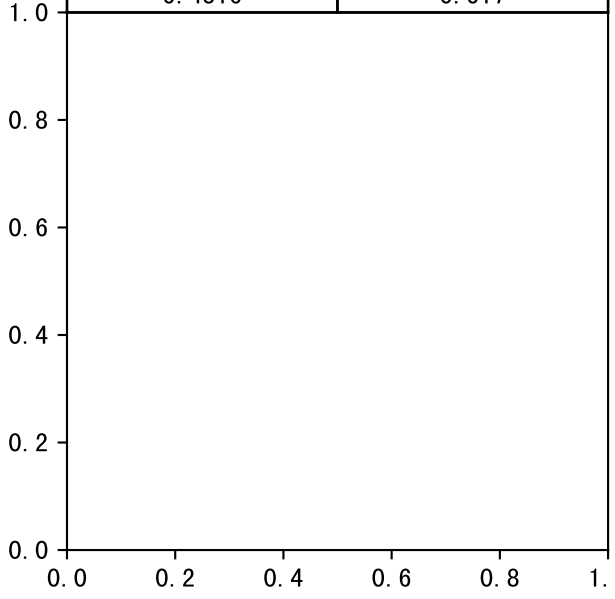

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

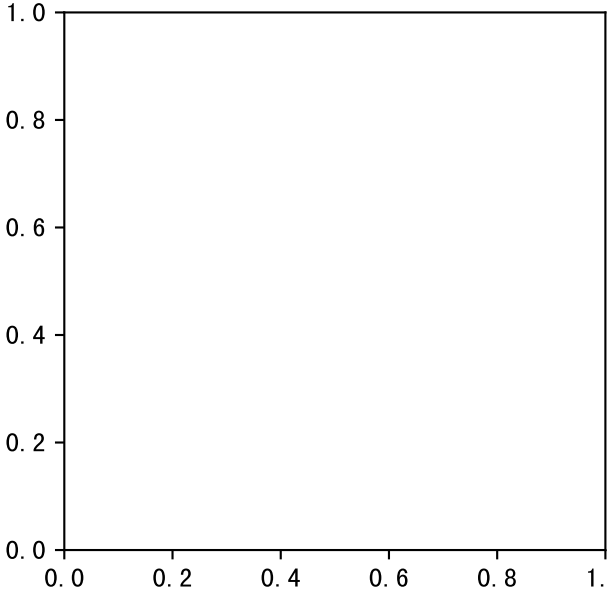

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

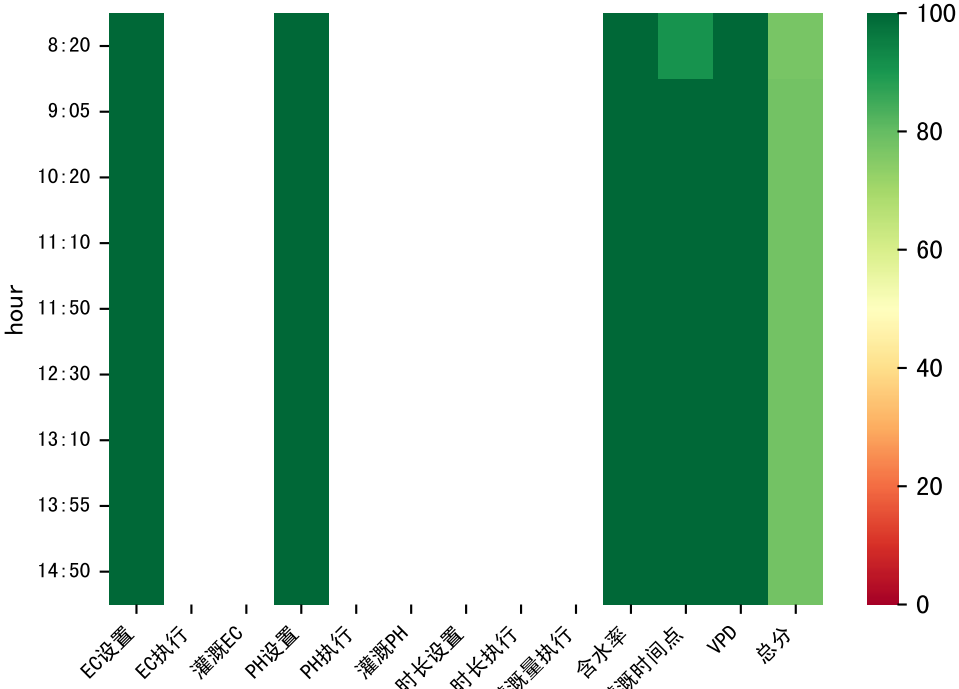




baiA	baiB
0.4316	0.017

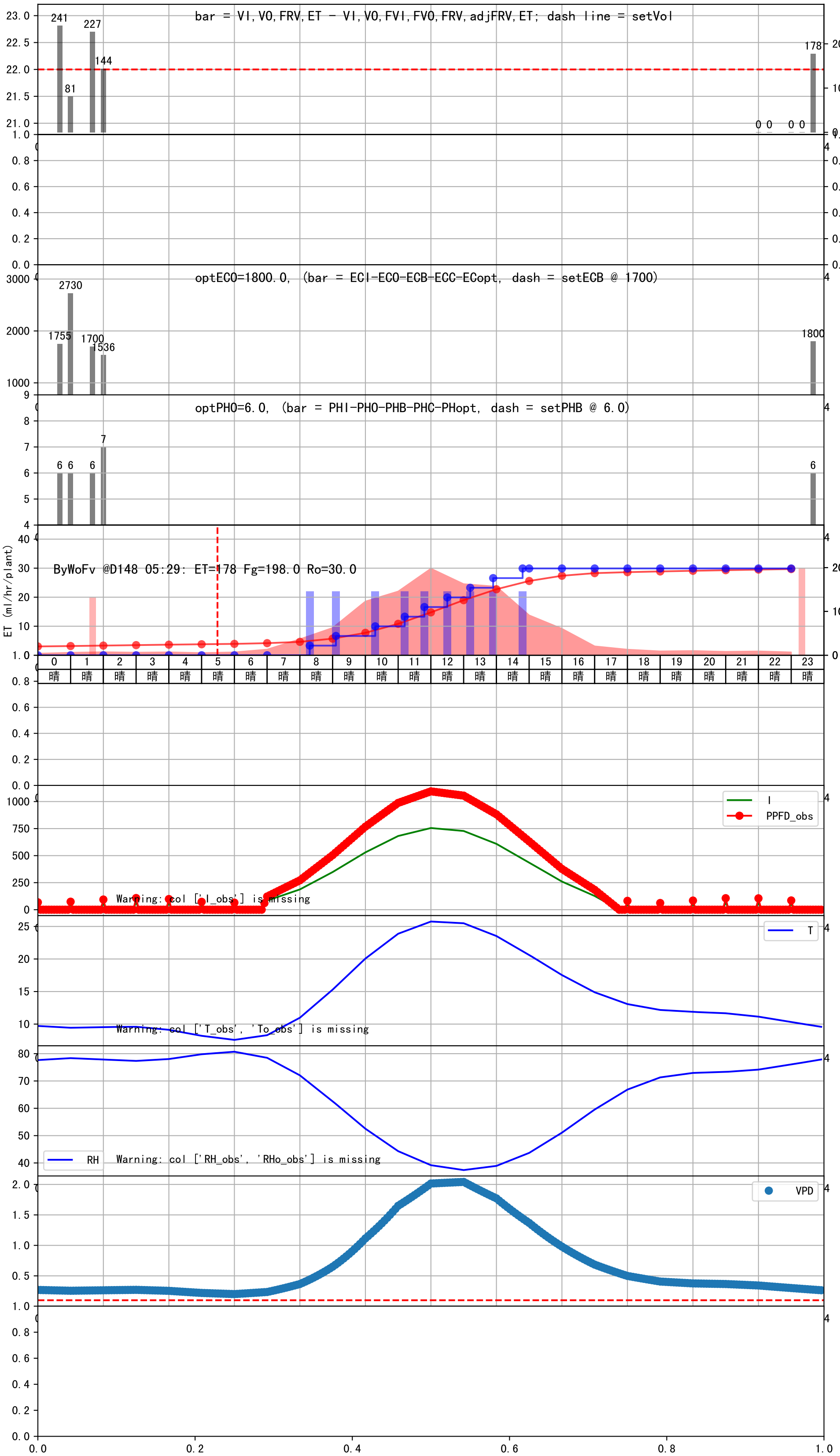


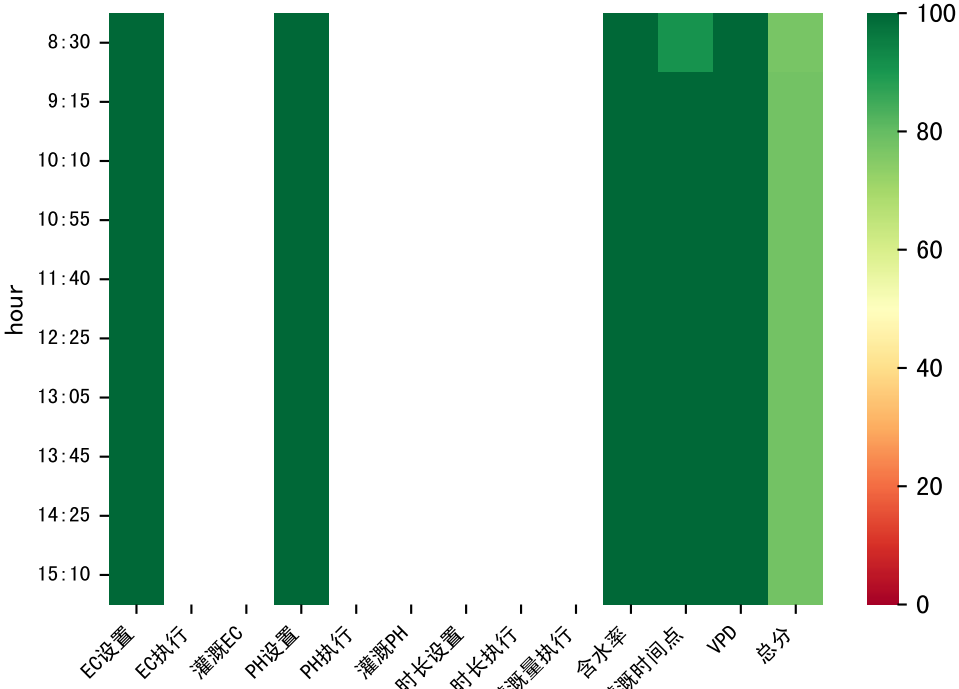



hour
8:20
9:05
10:20
11:10
11:50
12:30
13:10
13:55
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	105	22.0	0.485	晴	预期@08:20 自主（未用传感器）
09:05	105	22.0	0.485	晴	预期@09:05 自主（未用传感器）
10:20	105	22.0	0.485	晴	预期@10:20 自主（未用传感器）
11:10	105	22.0	0.485	晴	预期@11:10 自主（未用传感器）
11:50	105	22.0	0.485	晴	预期@11:50 自主（未用传感器）
12:30	105	22.0	0.485	晴	预期@12:30 自主（未用传感器）
13:10	105	22.0	0.485	晴	预期@13:10 自主（未用传感器）
13:55	105	22.0	0.485	晴	预期@13:55 自主（未用传感器）
14:50	105	22.0	0.485	晴	预期@14:50 自主（未用传感器）
总计	945.0 (9次)	198.0			建议进液EC：1700， PH：6.0

P1_0, Day=148 (2026-02-19)

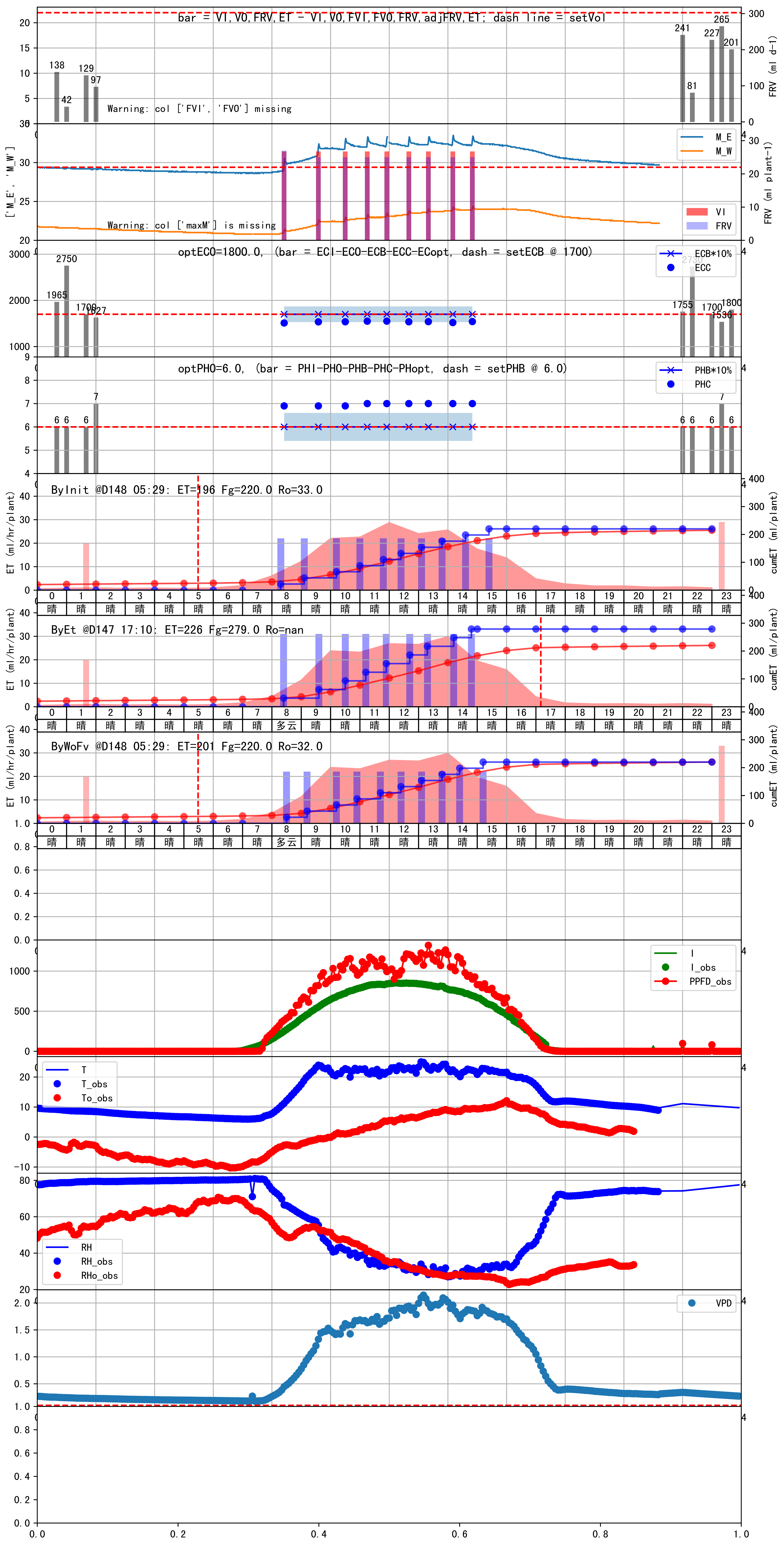


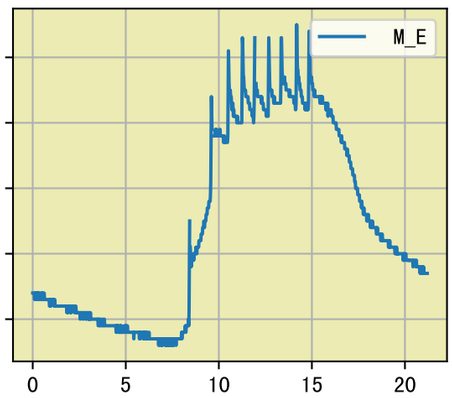

hour
8:30
9:15
10:10
10:55
11:40
12:25
13:05
13:45
14:25
15:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌量执行
含水率
灌时间点
VPD
总分
100
80
60
40
20
0

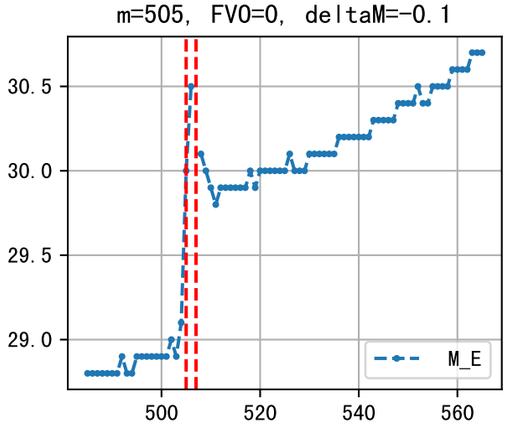
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	142	22.0	0.485	多云	假设@08:30 自动（未用传感器）
09:15	142	22.0	0.485	晴	假设@09:15 自动（未用传感器）
10:10	142	22.0	0.485	晴	假设@10:10 自动（未用传感器）
10:55	142	22.0	0.485	晴	假设@10:55 自动（未用传感器）
11:40	142	22.0	0.485	晴	假设@11:40 自动（未用传感器）
12:25	142	22.0	0.485	晴	假设@12:25 自动（未用传感器）
13:05	142	22.0	0.485	晴	假设@13:05 自动（未用传感器）
13:45	142	22.0	0.485	晴	假设@13:45 自动（未用传感器）
14:25	142	22.0	0.485	晴	假设@14:25 自动（未用传感器）
15:10	142	22.0	0.485	晴	假设@15:10 自动（未用传感器）
总计	1420.0 (10次)	220.0			建议进液EC：1700， PH：6.0

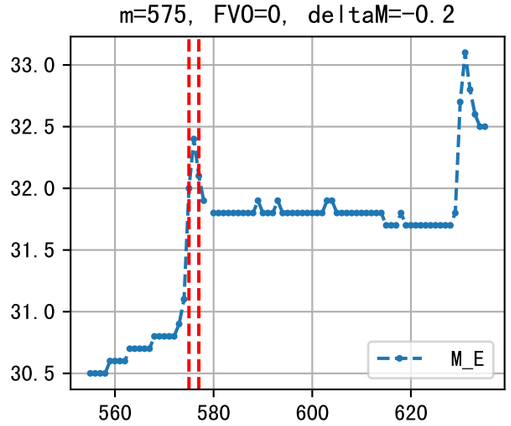
滴头平均流速偏小（0.18 vs def 0.5），请检查
上次灌溉时长(139)与预期(105.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉29.0 ml.

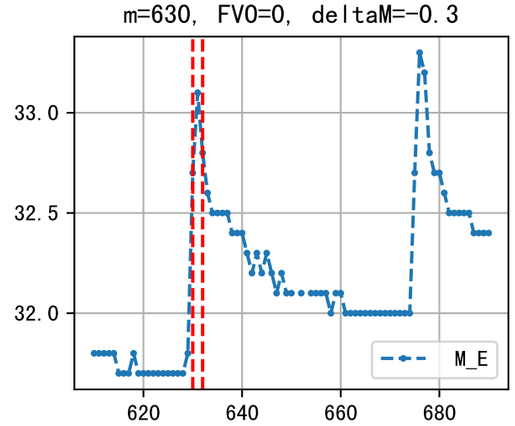
P1_0, Day=147.0 (2026-02-18)

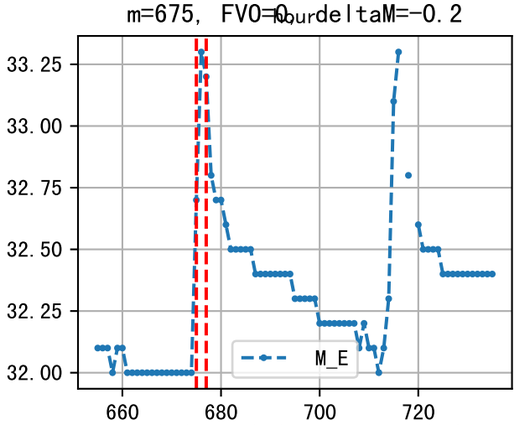


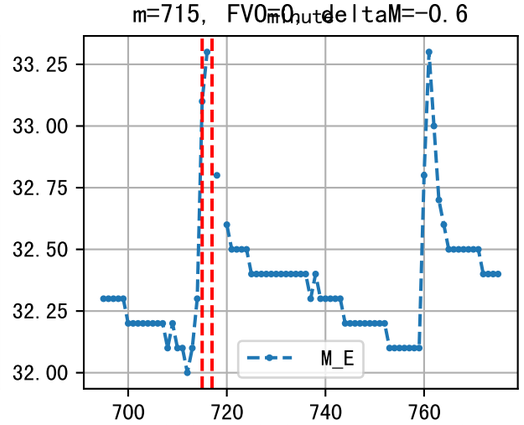

M_E

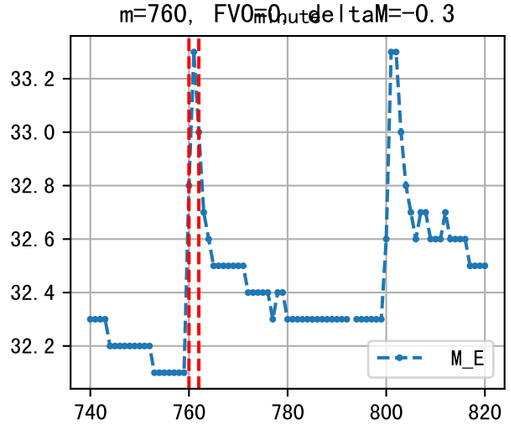

m=505, FV0=0, deltaM=-0.1
M_E

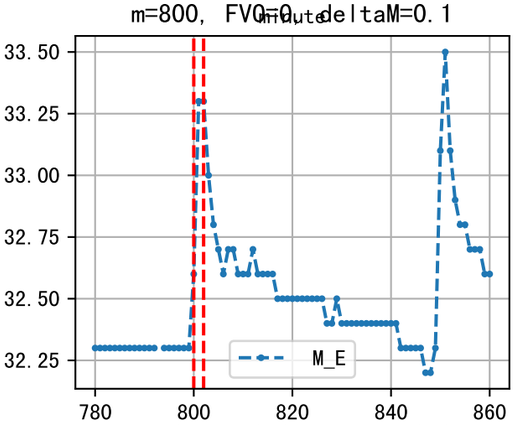

m=575, FV0=0, deltaM=-0.2
M_E

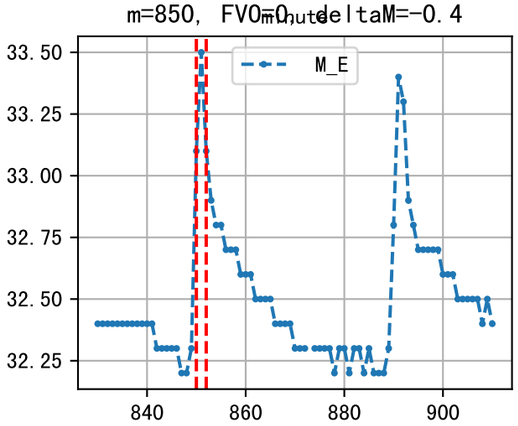

m=630, FV0=0, deltaM=-0.3
M_E

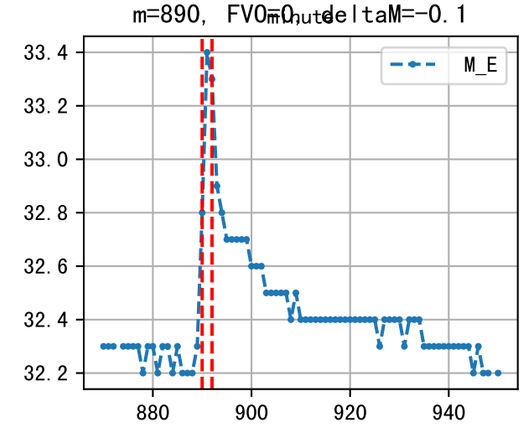

m=675, FV0=0, deltaM=-0.2
M_E

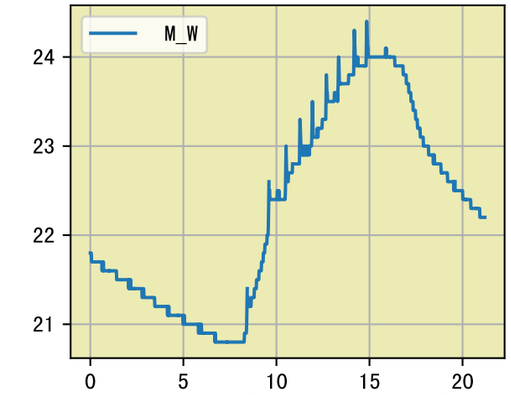

m=715, FV0=0, deltaM=-0.6
M_E

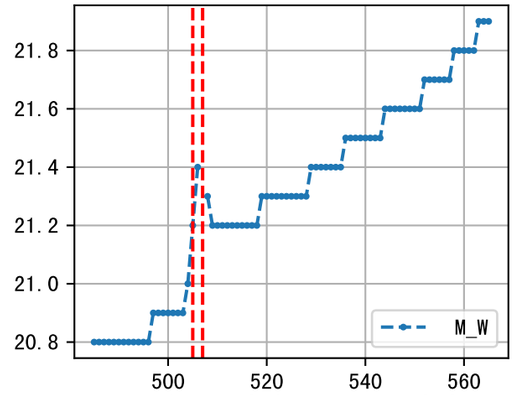

m=760, FV0=0, deltaM=-0.3
M_E
minute

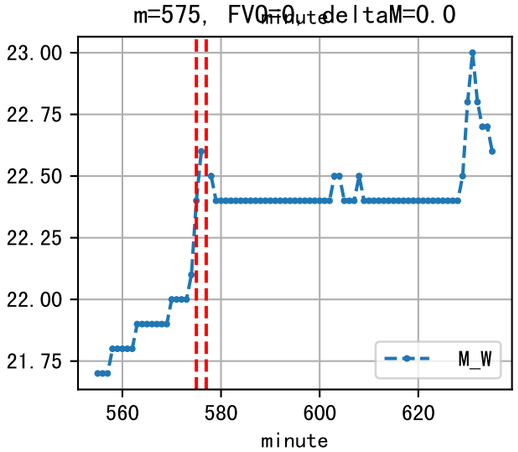

m=800, FV0=0, deltaM=0.1
M_E

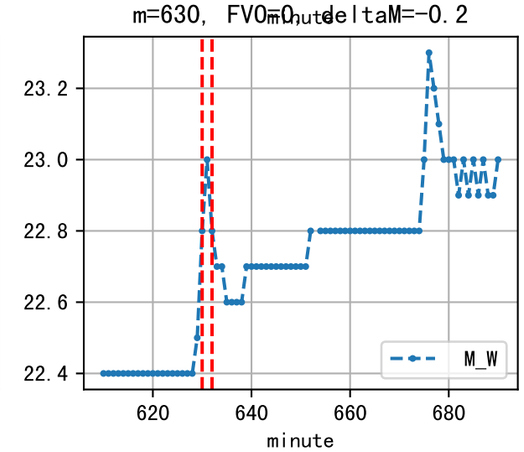

m=850, FV0=0, deltaM=-0.4
M_E

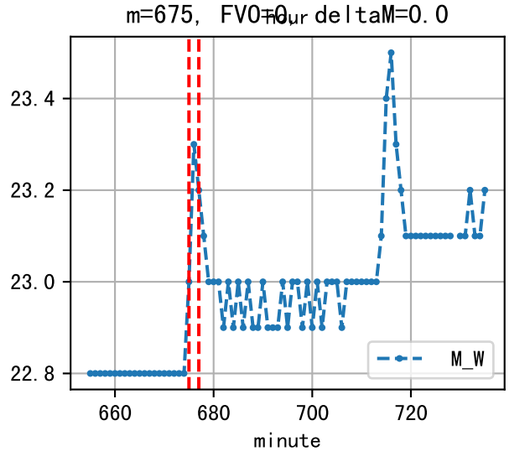

m=890, FV0=0, deltaM=-0.1
M_E

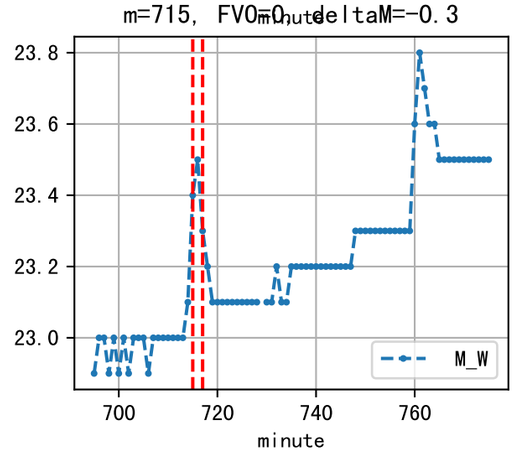

M_W

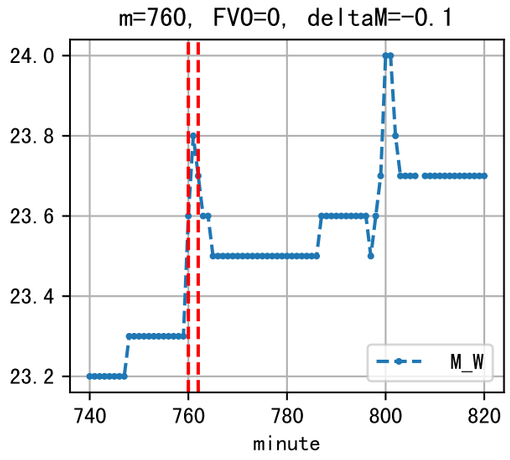

m=505, FV0=0, deltaM=0.0
M_W

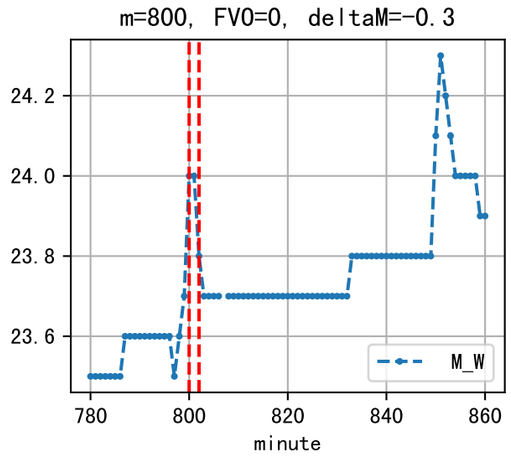

m=575, FV0=0, deltaM=0.0
M_W
minute

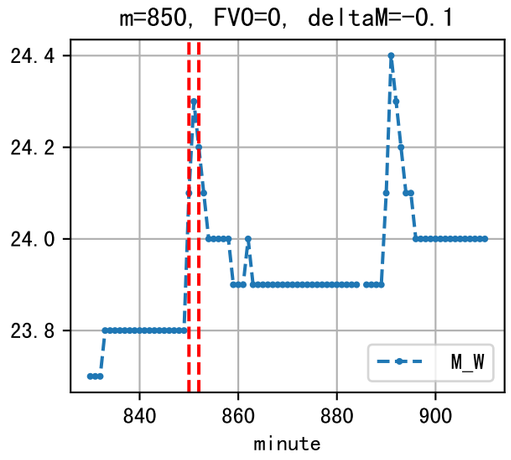

m=630, FV0=0, deltaM=-0.2
M_W
minute

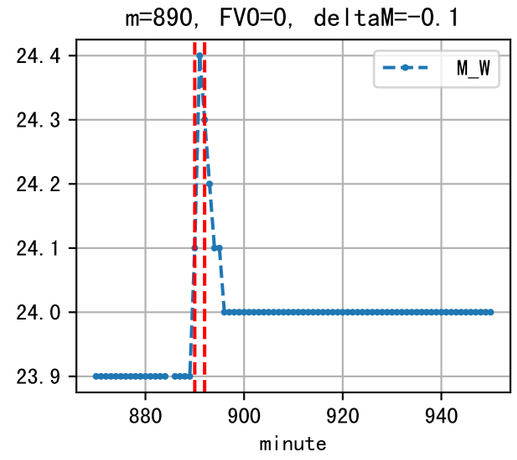

m=675, FV0=0, deltaM=0.0
M_W
minute

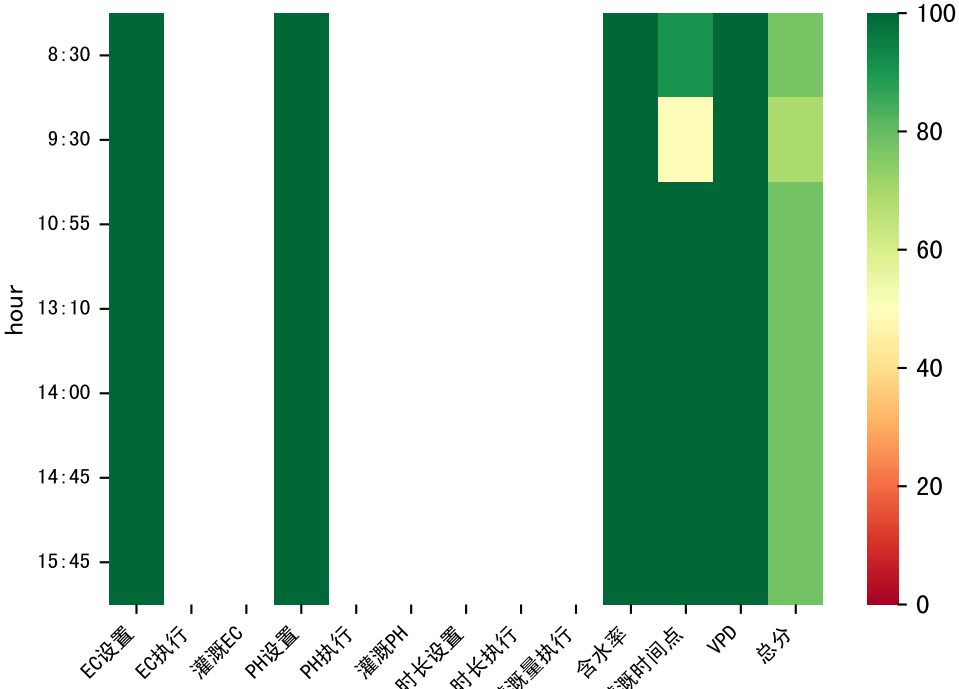

m=715, FV0=0, deltaM=-0.3
M_W
minute


m=760, FV0=0, deltaM=-0.1
24.0
23.8
23.6
23.4
23.2
740
760
780
800
820
minute
M_W


m=800, FV0=0, deltaM=-0.3
24.2
24.0
23.8
23.6
780
800
820
840
860
minute
M_W


m=850, FV0=0, deltaM=-0.1
24.4
24.2
24.0
23.8
840
860
880
900
minute
M_W

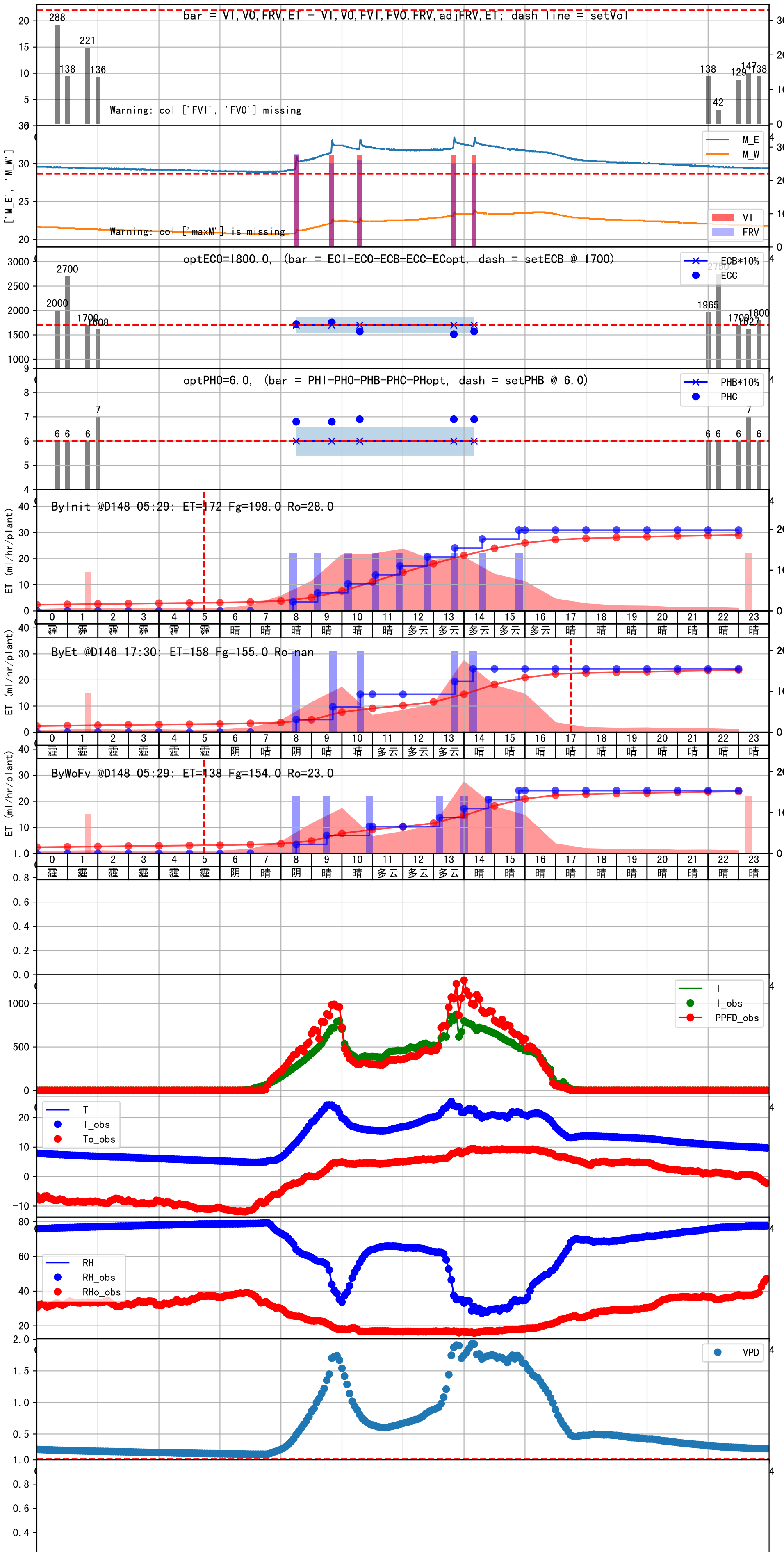

m=890, FV0=0, deltaM=-0.1
24.4
24.3
24.2
24.1
24.0
23.9
880
900
920
940
minute
M_W

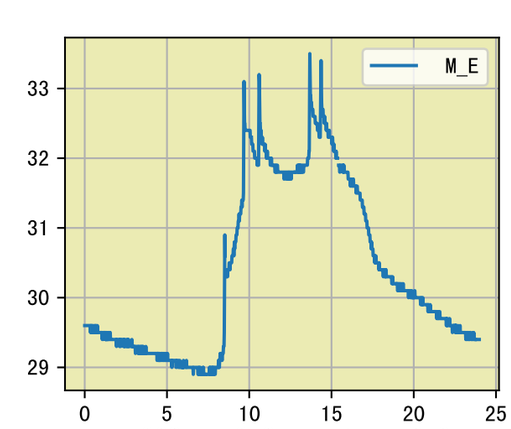

hour
8:30
9:30
10:55
13:10
14:00
14:45
15:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

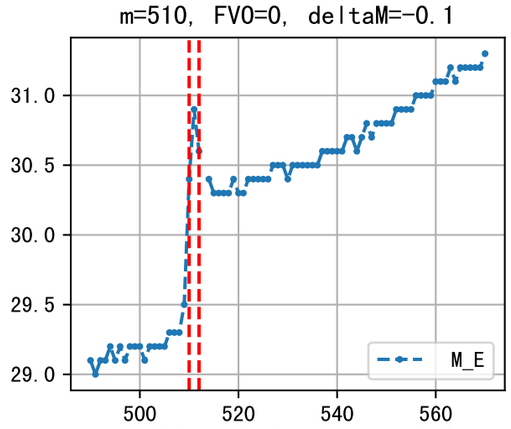
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	141	22.0	0.485	阴	假设@08:30 自动（未用传感器）
09:30	141	22.0	0.485	晴	假设@09:30 自动（未用传感器）
10:55	141	22.0	0.485	晴	假设@10:55 自动（未用传感器）
13:10	141	22.0	0.485	多云	假设@13:10 自动（未用传感器）
14:00	141	22.0	0.485	晴	假设@14:00 自动（未用传感器）
14:45	141	22.0	0.485	晴	假设@14:45 自动（未用传感器）
15:45	141	22.0	0.485	晴	假设@15:45 自动（未用传感器）
总计	987.0 (7次)	154.0			建议进液EC：1700， PH：6.0

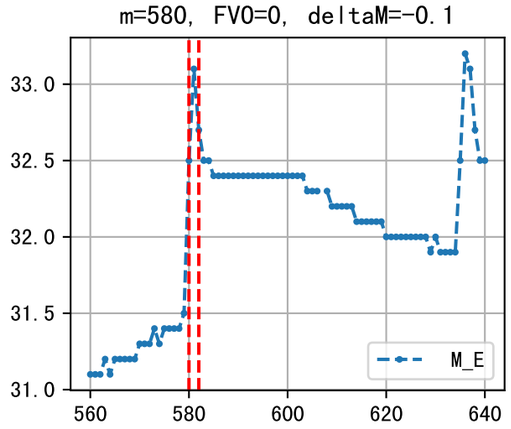
滴头平均流速偏小（0.18 vs def 0.5），请检查
上次灌溉时长(140)与预期(105.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉29.0 ml.

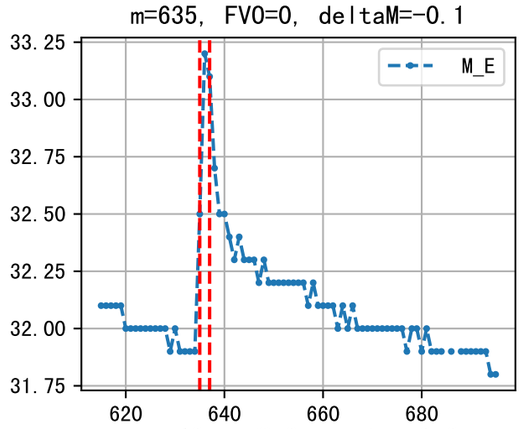
P1_0, Day=146.0 (2026-02-17)

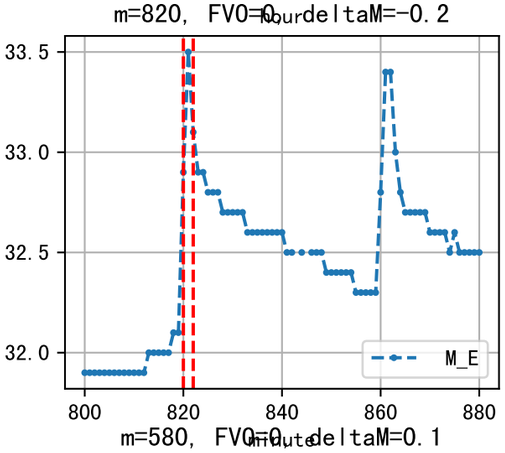


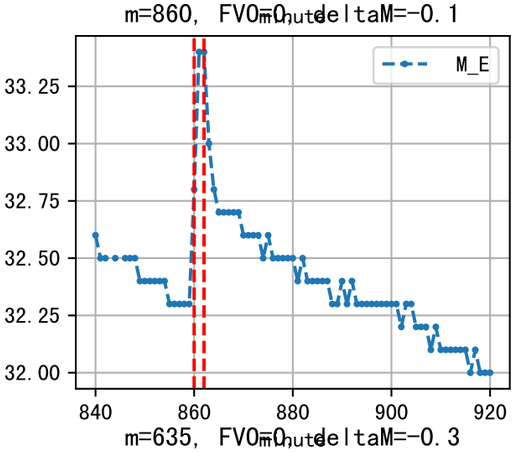

M_E
hour

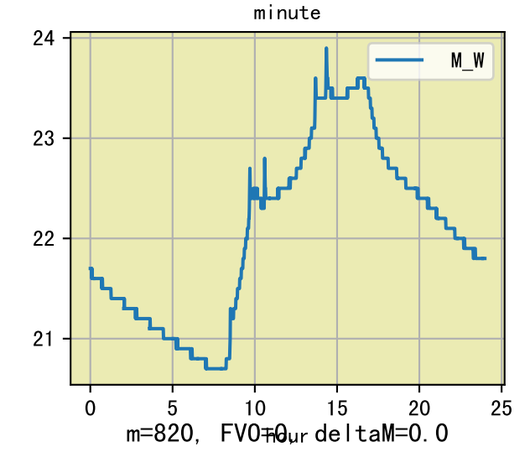

m=510, FV0=0, deltaM=-0.1
M_E
minute

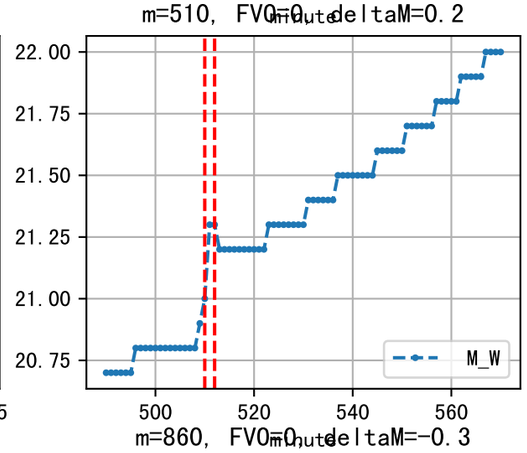

m=580, FV0=0, deltaM=-0.1
M_E
minute

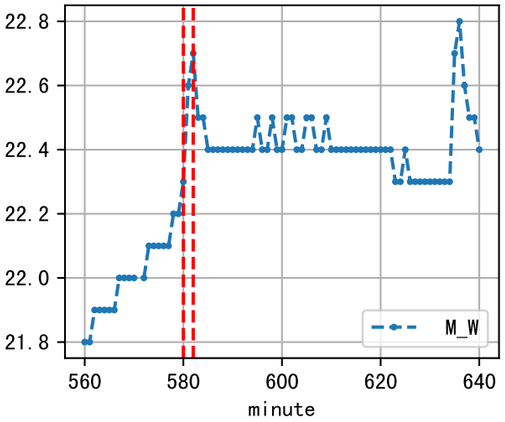

m=635, FV0=0, deltaM=-0.1
M_E
minute

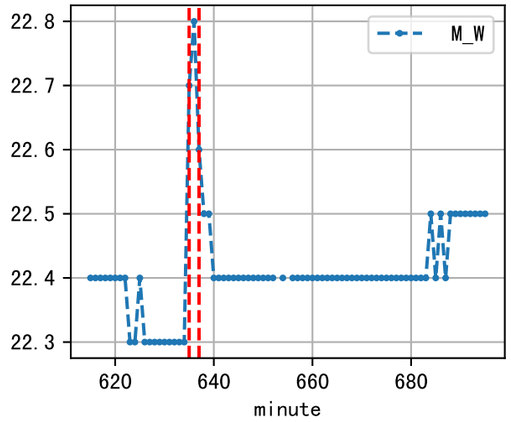

m=820, FV0=0, deltaM=-0.2
M_E
minute

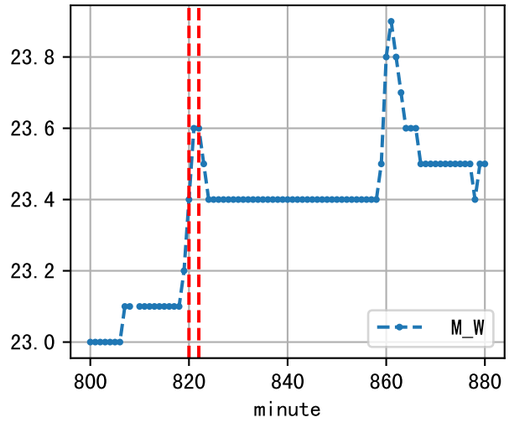

m=860, FV0=0, deltaM=-0.1
M_E
minute

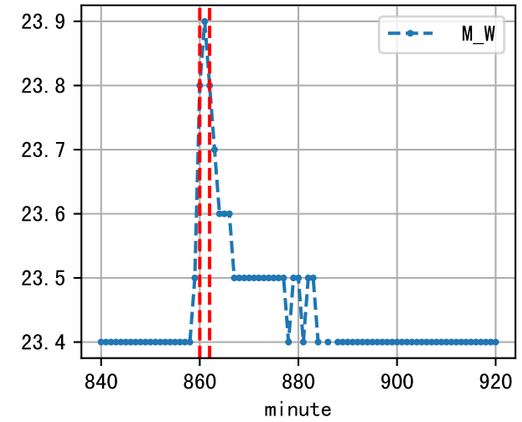

M_W
hour

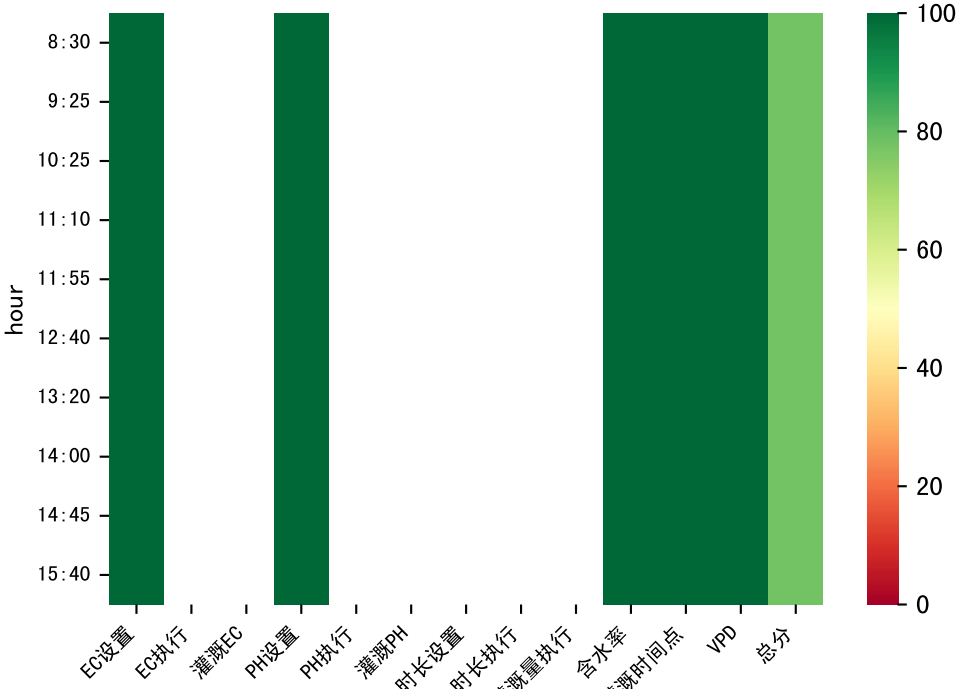

m=510, FV0=0, deltaM=0.2
M_W
minute


m=580, FV0=0, deltaM=0.1
M_W
minute


m=635, FV0=0, deltaM=-0.3
M_W
minute


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

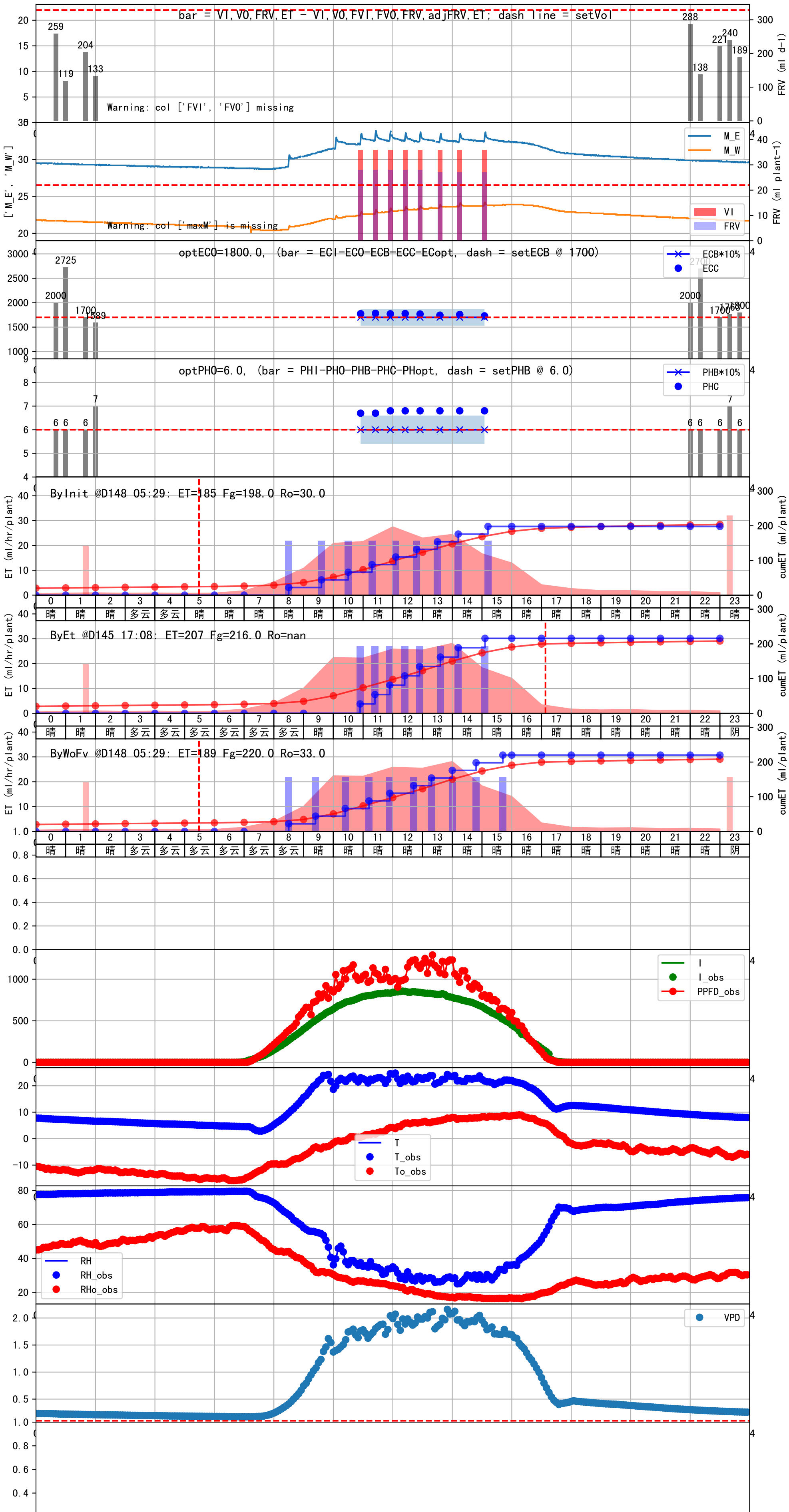

m=860, FV0=0, deltaM=-0.3
M_W
minute

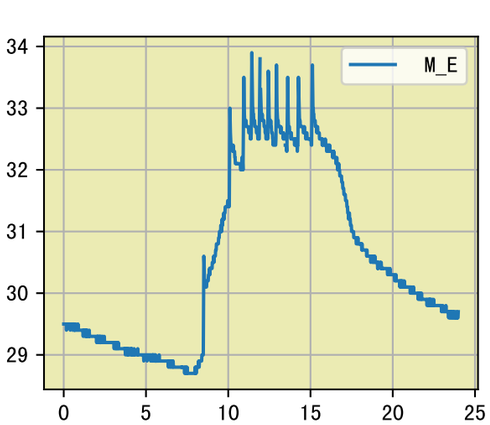

hour
8:30
9:25
10:25
11:10
11:55
12:40
13:20
14:00
14:45
15:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

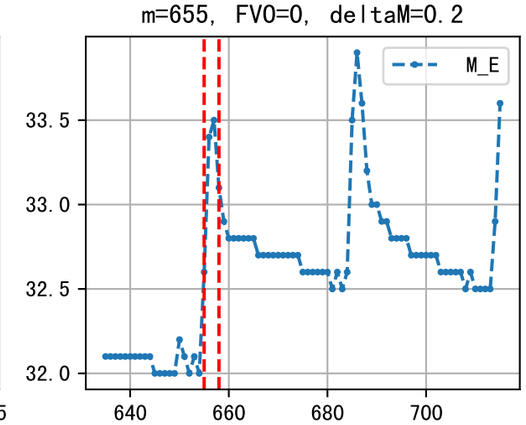
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	151	22.0	0.485	多云	假设@08:30 自动（未用传感器）
09:25	151	22.0	0.485	晴	假设@09:25 自动（未用传感器）
10:25	151	22.0	0.485	晴	假设@10:25 自动（未用传感器）
11:10	151	22.0	0.485	晴	假设@11:10 自动（未用传感器）
11:55	151	22.0	0.485	晴	假设@11:55 自动（未用传感器）
12:40	151	22.0	0.485	晴	假设@12:40 自动（未用传感器）
13:20	151	22.0	0.485	晴	假设@13:20 自动（未用传感器）
14:00	151	22.0	0.485	晴	假设@14:00 自动（未用传感器）
14:45	151	22.0	0.485	晴	假设@14:45 自动（未用传感器）
15:40	151	22.0	0.485	晴	假设@15:40 自动（未用传感器）
总计	1510.0 (10次)	220.0			建议进液EC：1700， PH：6.0

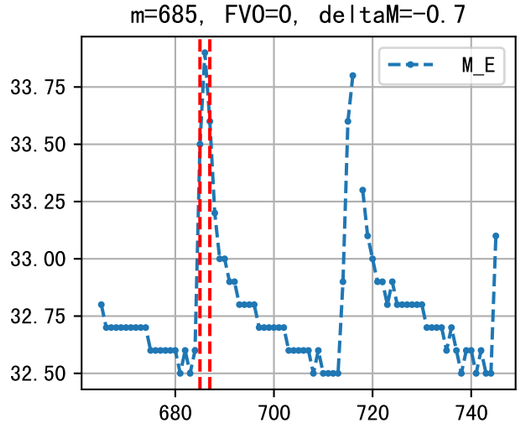
滴头平均流速偏小（0.18 vs def 0.5），请检查
上次灌溉时长(149)与预期(110.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉30.0 ml.
unusual large postFgEt from yesterday (87), set to 66.0 ml.

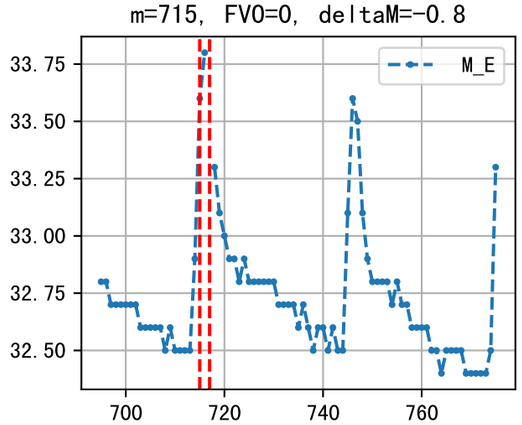
P1_0, Day=145.0 (2026-02-16)

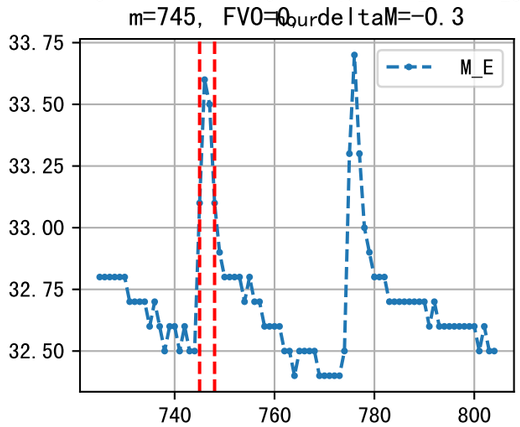


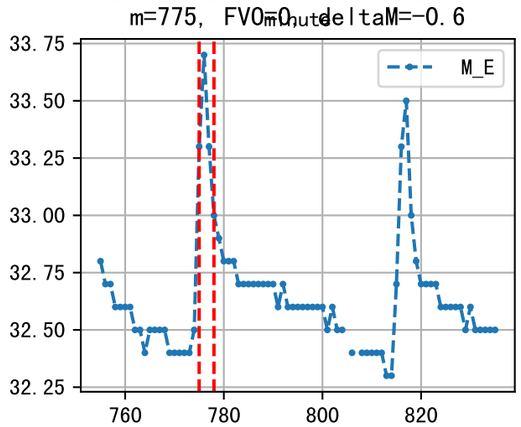

M_E

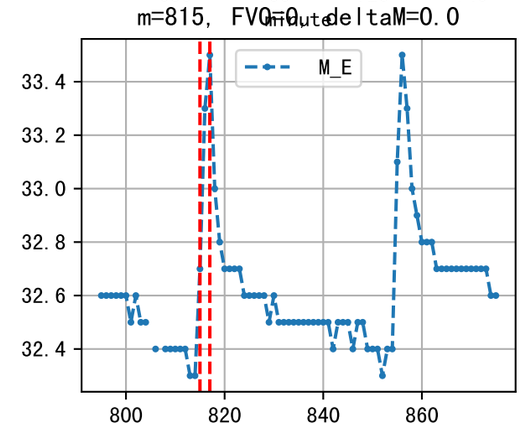

m=655, FVO=0, deltaM=0.2
M_E

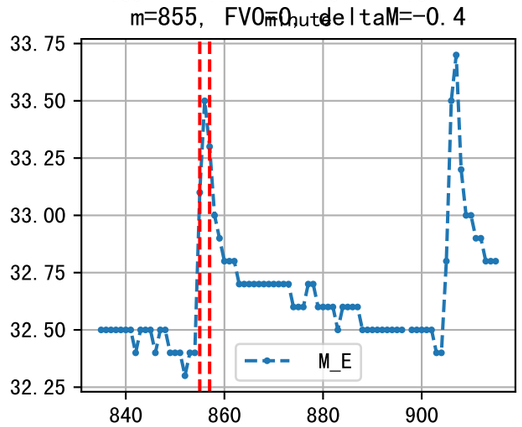

m=685, FVO=0, deltaM=-0.7
M_E

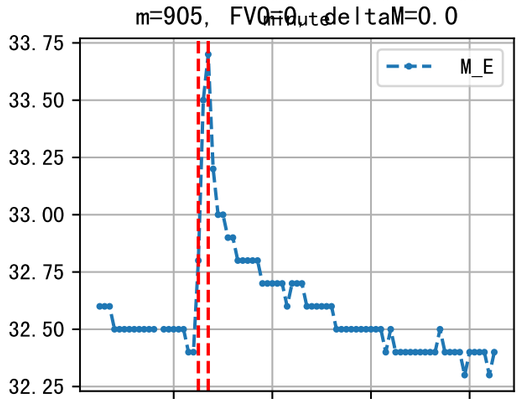

m=715, FVO=0, deltaM=-0.8
M_E

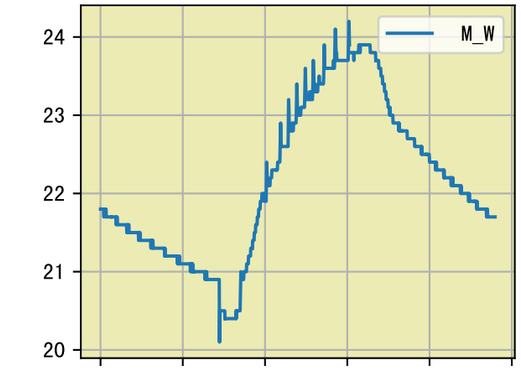

m=745, FVO=0, deltaM=-0.3
M_E
minute

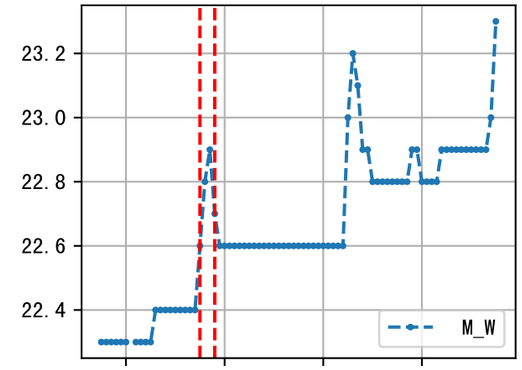

m=775, FVO=0, deltaM=-0.6
M_E
minute

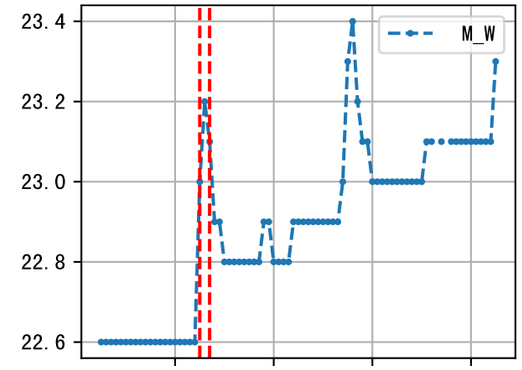

m=815, FVO=0, deltaM=0.0
M_E
minute

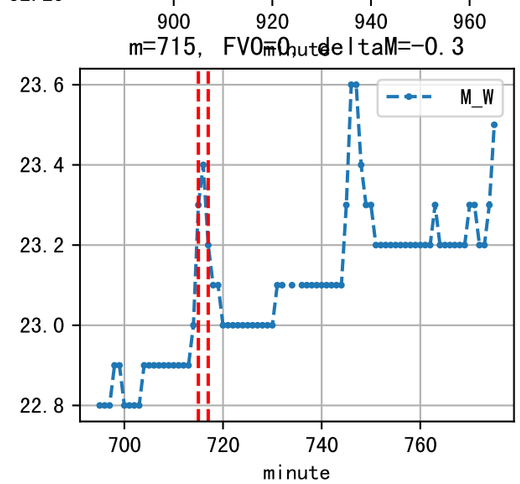

m=855, FVO=0, deltaM=-0.4
M_E
minute

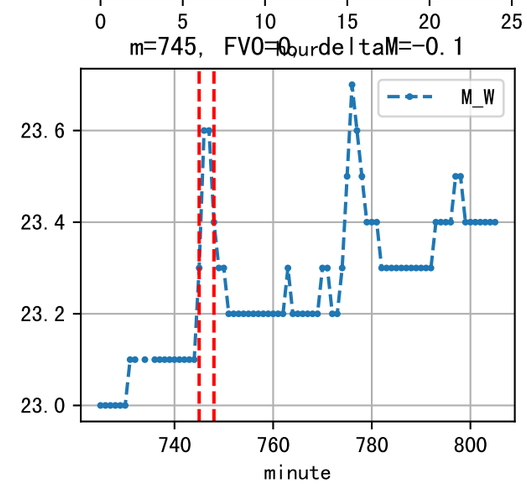

m=905, FVO=0, deltaM=0.0
M_E
minute

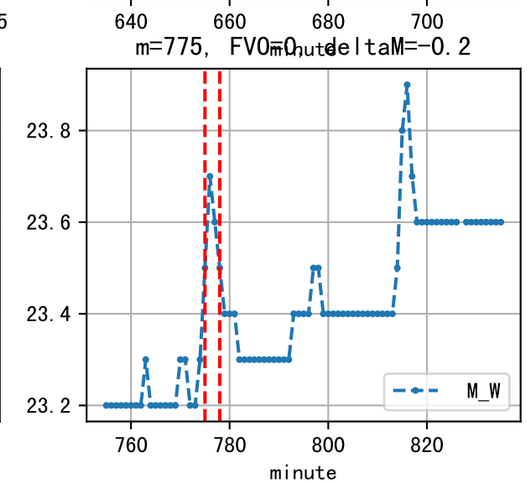

M_W

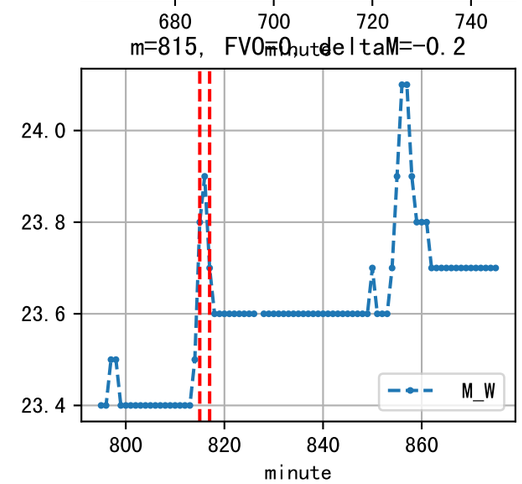

m=655, FVO=0, deltaM=0.0
M_W

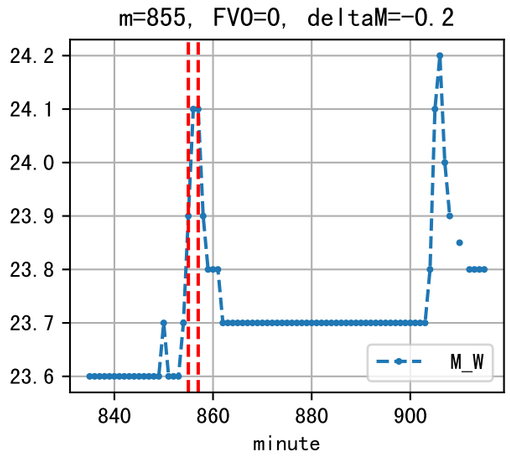

m=685, FVO=0, deltaM=-0.2
M_W

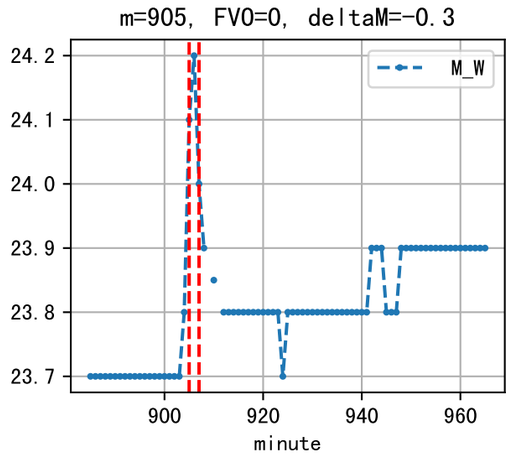

m=715, FVO=0, deltaM=-0.3
M_W
minute

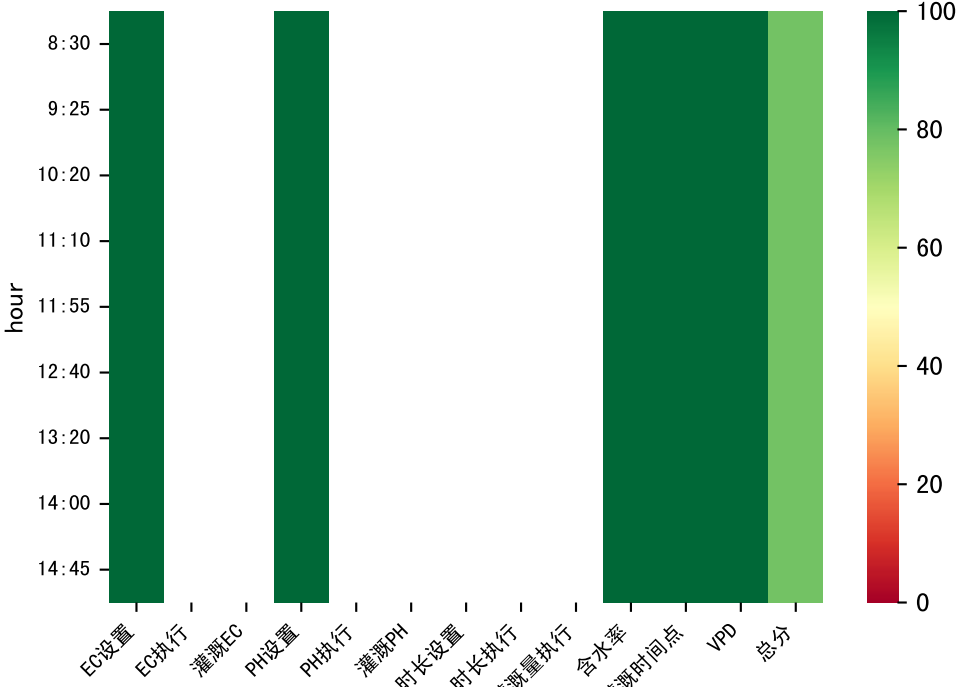

m=745, FVO=0, deltaM=-0.1
M_W
minute


m=775, FVO=0, deltaM=-0.2
M_W
minute


m=815, FVO=0, deltaM=-0.2
M_W
minute


m=855, FV0=0, deltaM=-0.2
24.2
24.1
24.0
23.9
23.8
23.7
23.6
840
860
880
900
minute
M_W

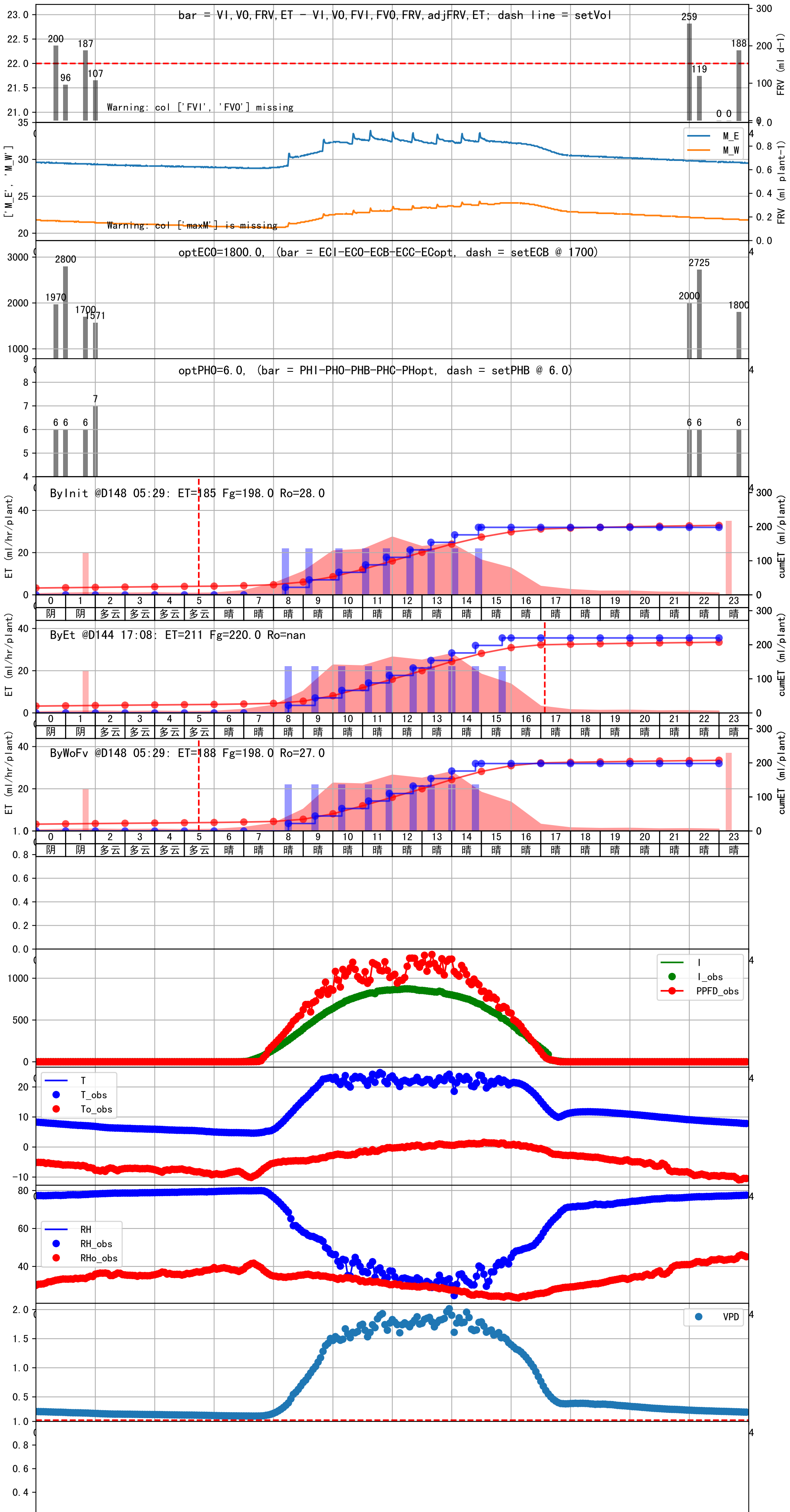

m=905, FV0=0, deltaM=-0.3
24.2
24.1
24.0
23.9
23.8
23.7
900
920
940
960
minute
M_W

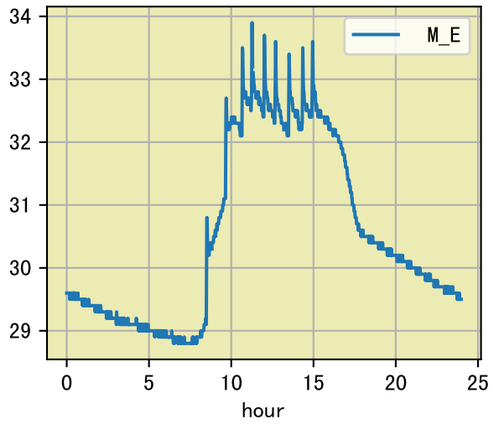

hour
8:30
9:25
10:20
11:10
11:55
12:40
13:20
14:00
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

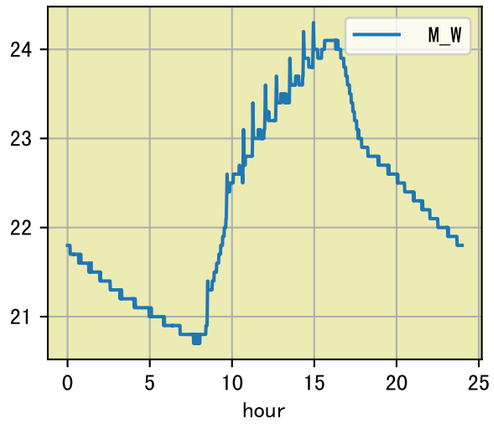
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	116	22.0	0.485	晴	假设@08:30 未知程序（未用传感器）
09:25	116	22.0	0.485	晴	假设@09:25 未知程序（未用传感器）
10:20	116	22.0	0.485	晴	假设@10:20 未知程序（未用传感器）
11:10	116	22.0	0.485	晴	假设@11:10 未知程序（未用传感器）
11:55	116	22.0	0.485	晴	假设@11:55 未知程序（未用传感器）
12:40	116	22.0	0.485	晴	假设@12:40 未知程序（未用传感器）
13:20	116	22.0	0.485	晴	假设@13:20 未知程序（未用传感器）
14:00	116	22.0	0.485	晴	假设@14:00 未知程序（未用传感器）
14:45	116	22.0	0.485	晴	假设@14:45 未知程序（未用传感器）
总计	1044.0 (9次)	198.0			建议进液EC：1700， PH：6.0

unusual large postFgEt from yesterday (78), set to 66.0 ml.

P1_0, Day=144 (2026-02-15)




M_E
34
33
32
31
30
29
0
5
10
15
20
25
hour


M_W
24
23
22
21
0
5
10
15
20
25
hour