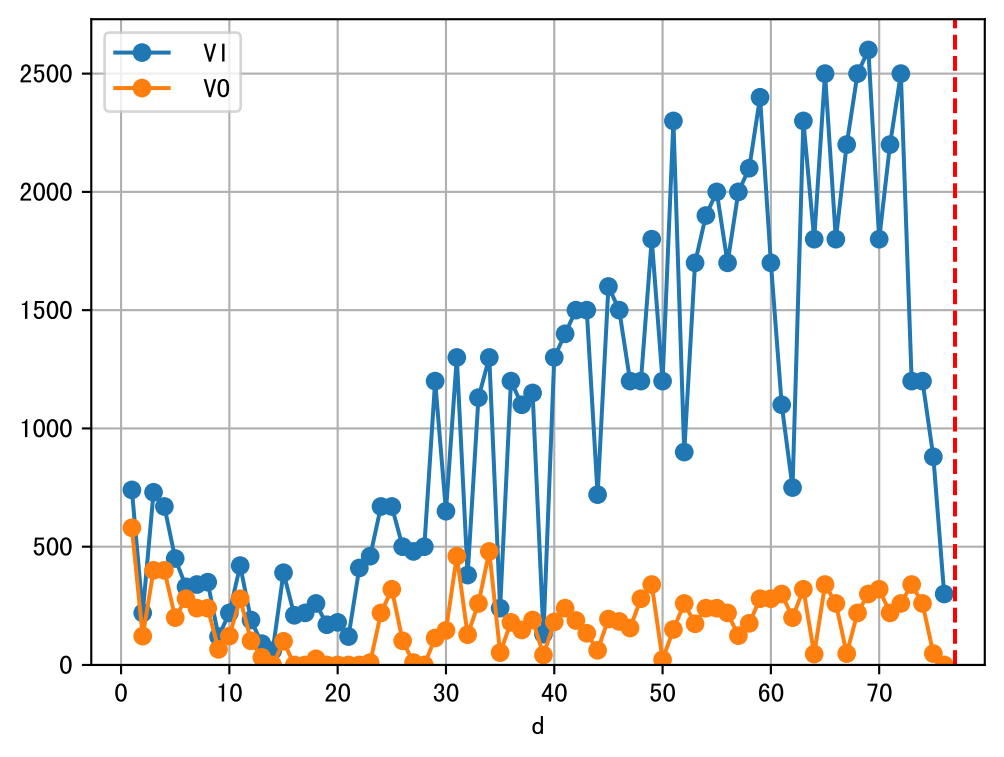
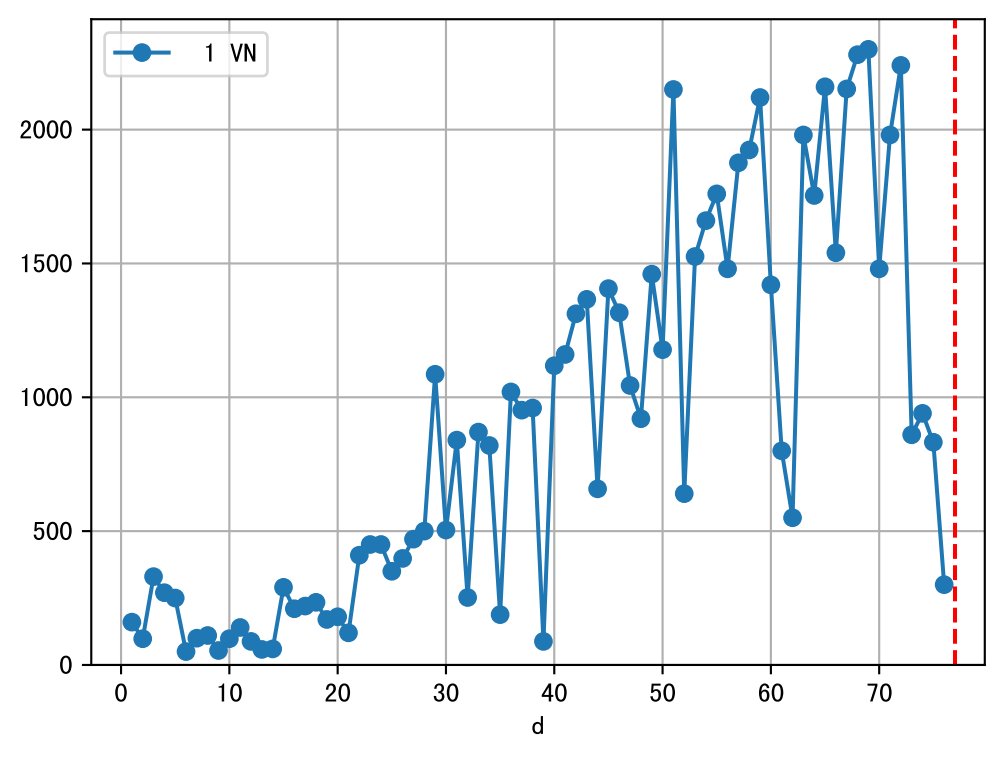
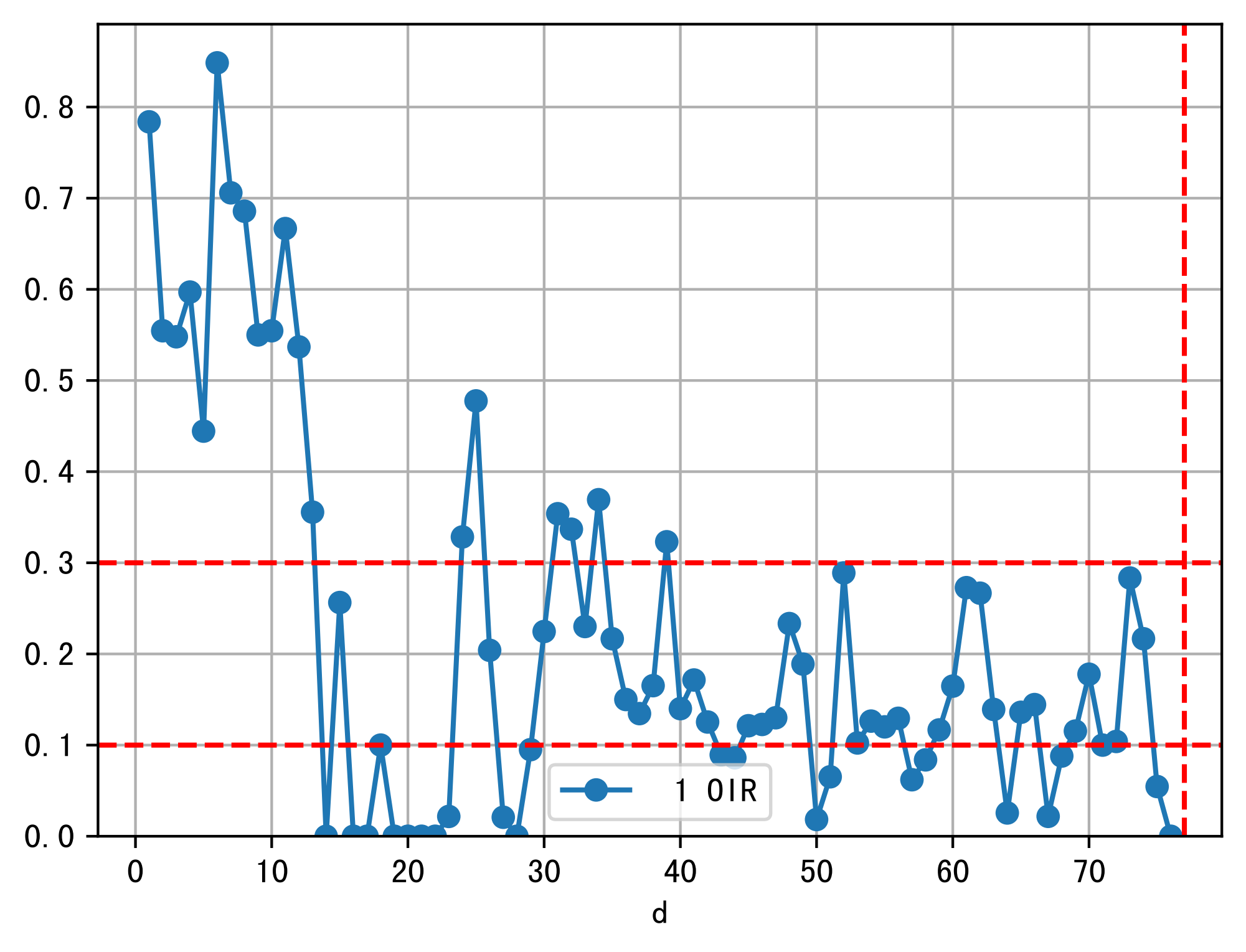
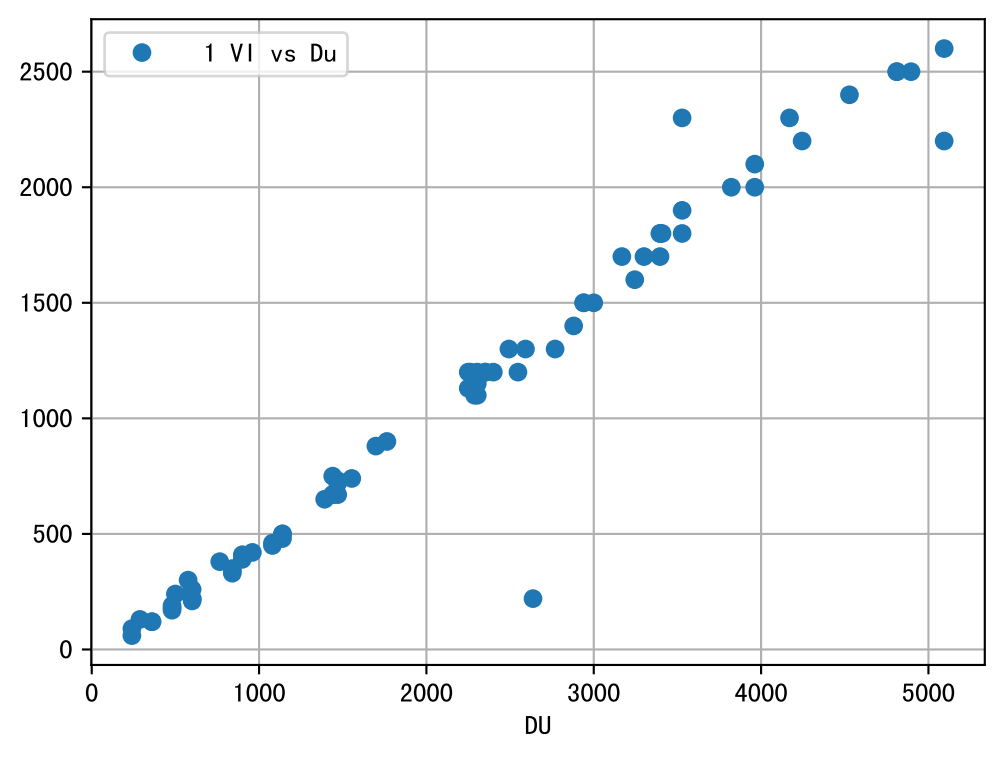
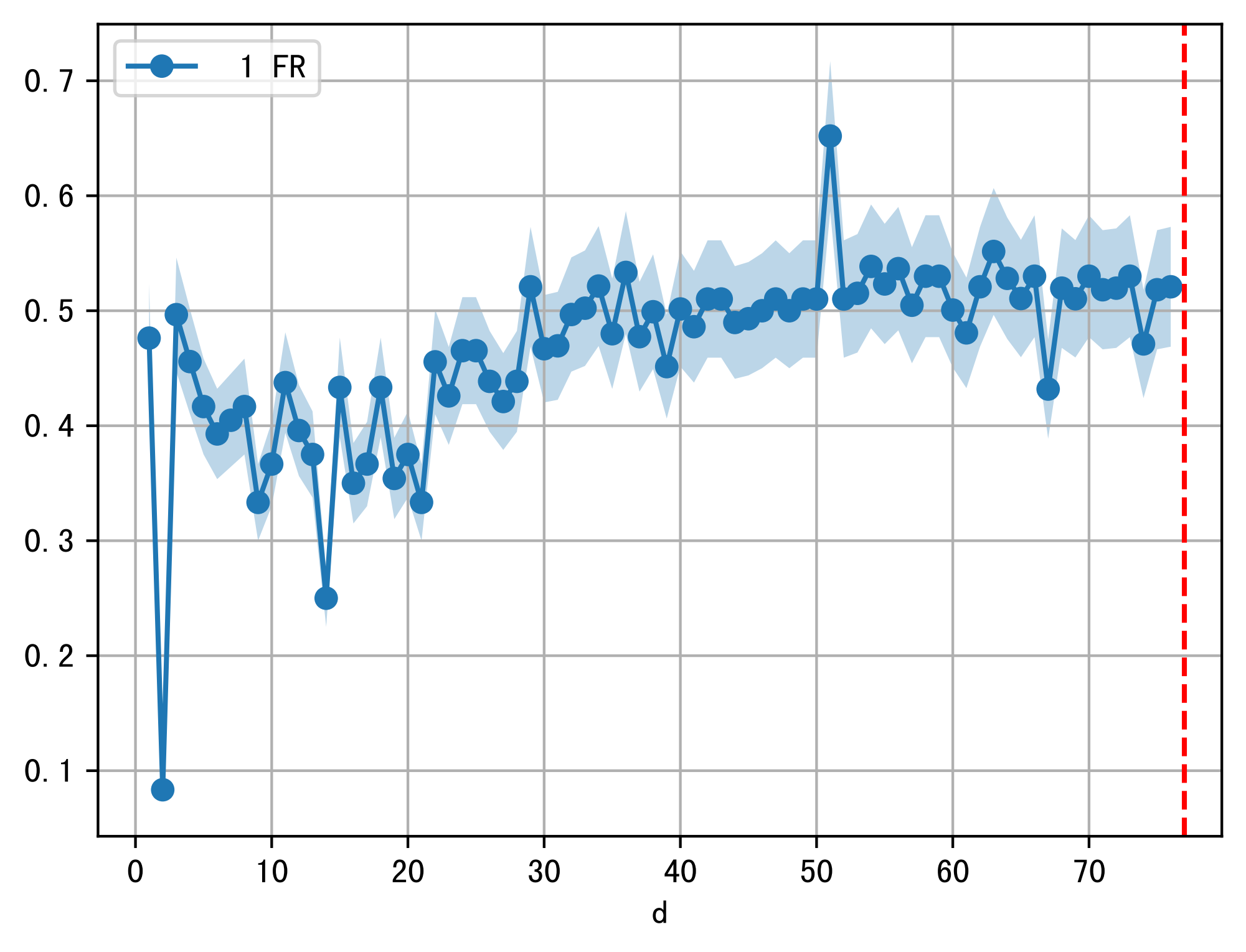
FgArea: ['0']
NC11 P3-15
2025-06-16 (Day 77)

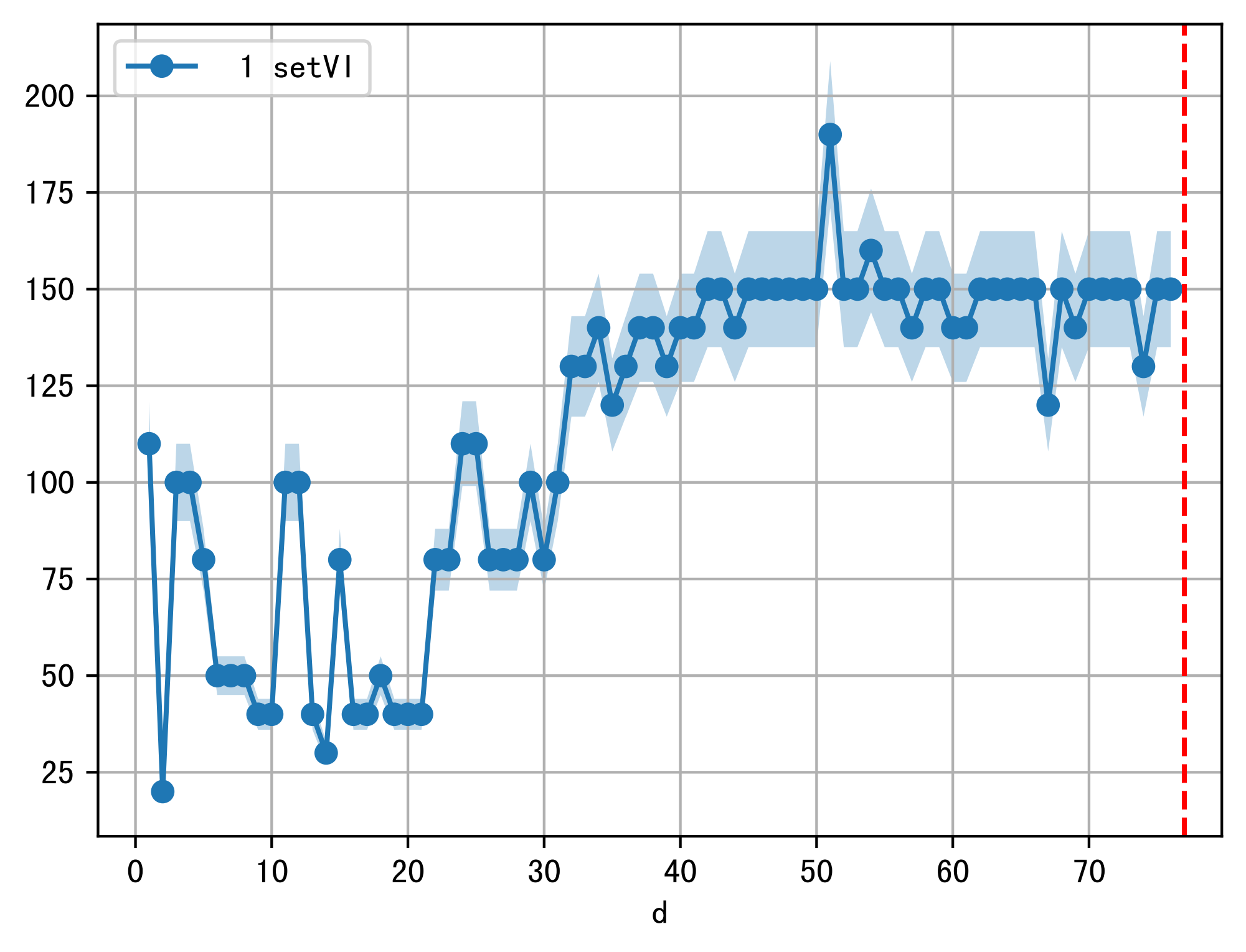

VI
V0
2500
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
d

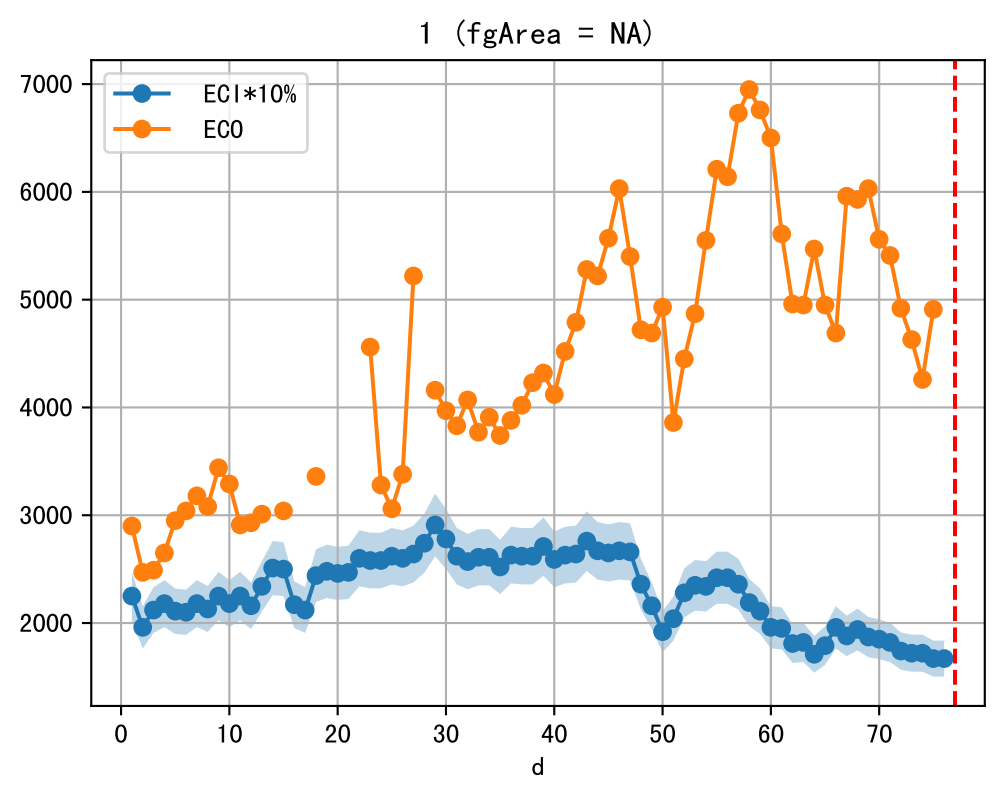

1 VN
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
d

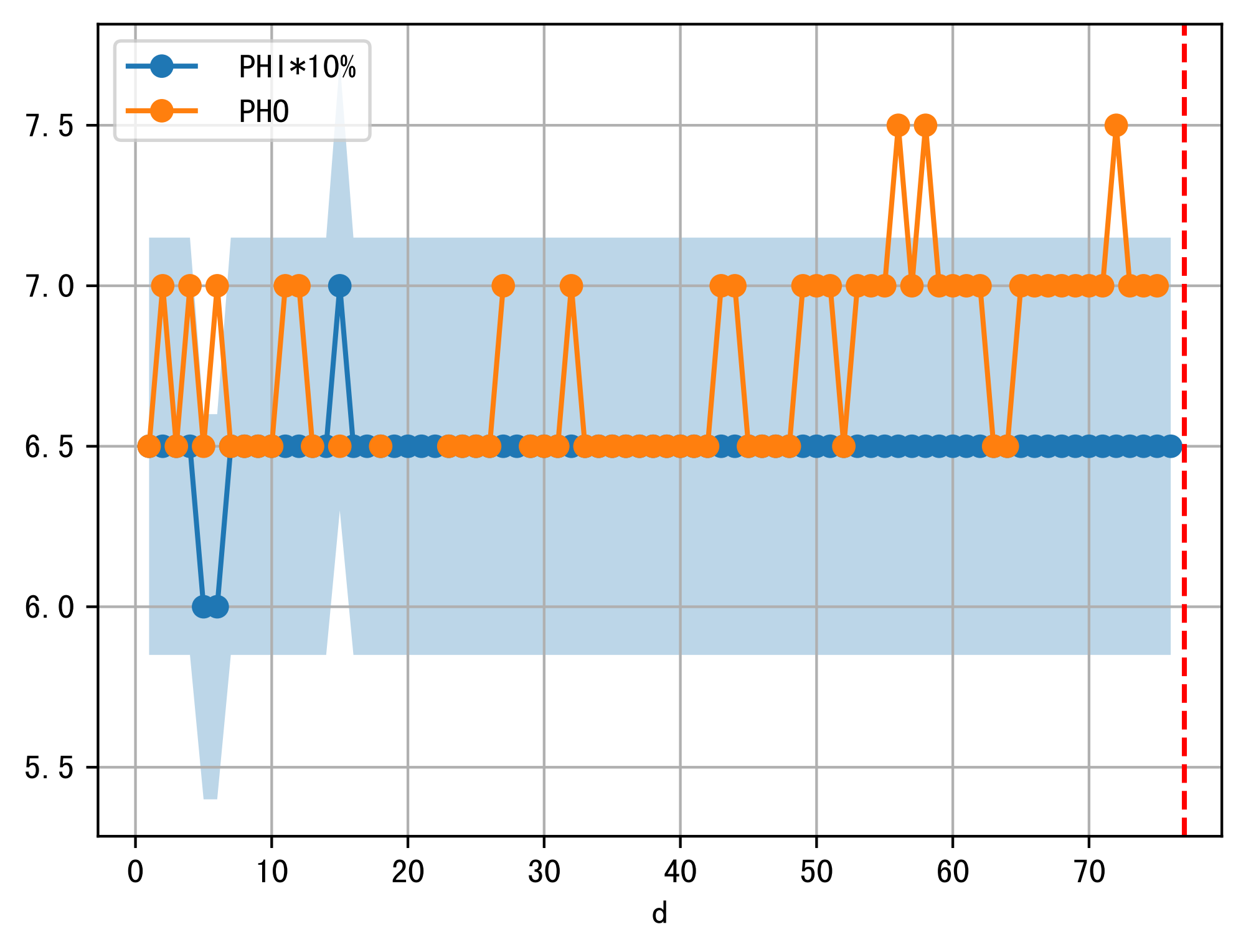

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
50
60
70
d
1 0IR

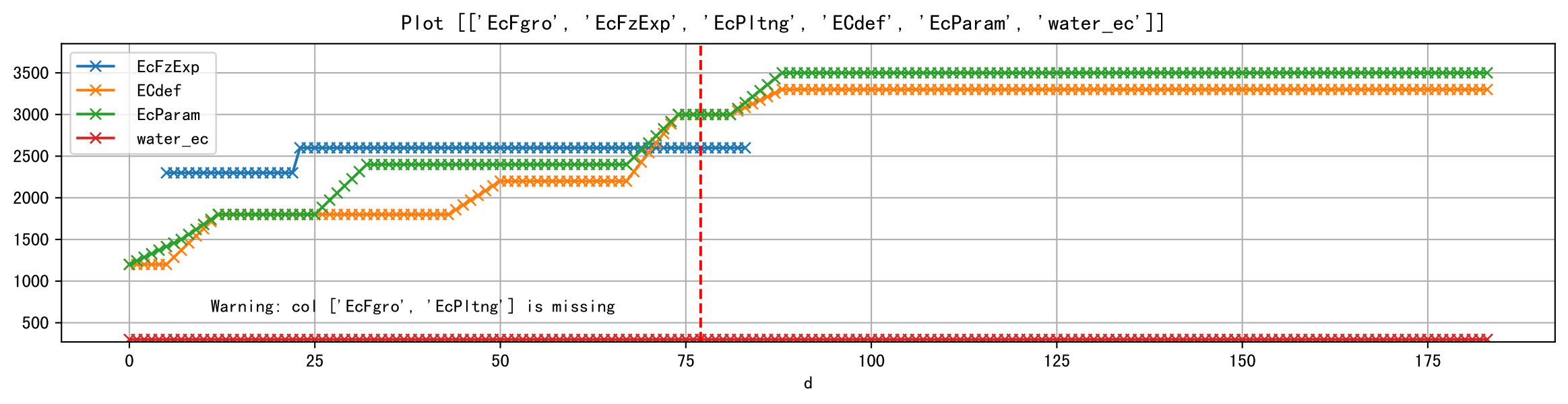

1 VI vs Du
2500
2000
1500
1000
500
0
0
1000
2000
3000
4000
5000
DU

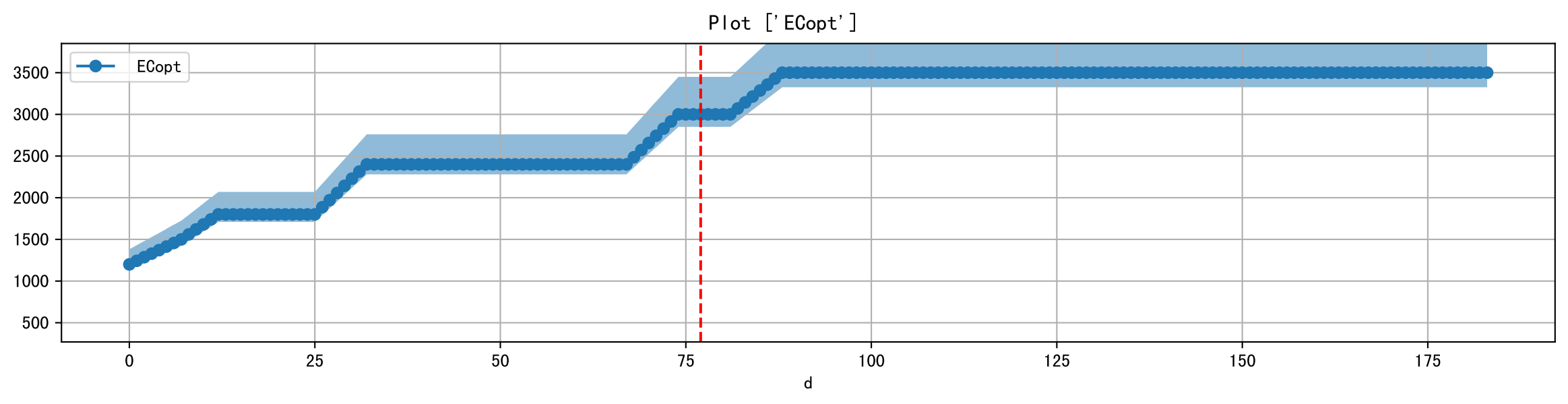

1 FR
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
10
20
30
40
50
60
70
d


1 setVI
200
175
150
125
100
75
50
25
0
10
20
30
40
50
60
70
d

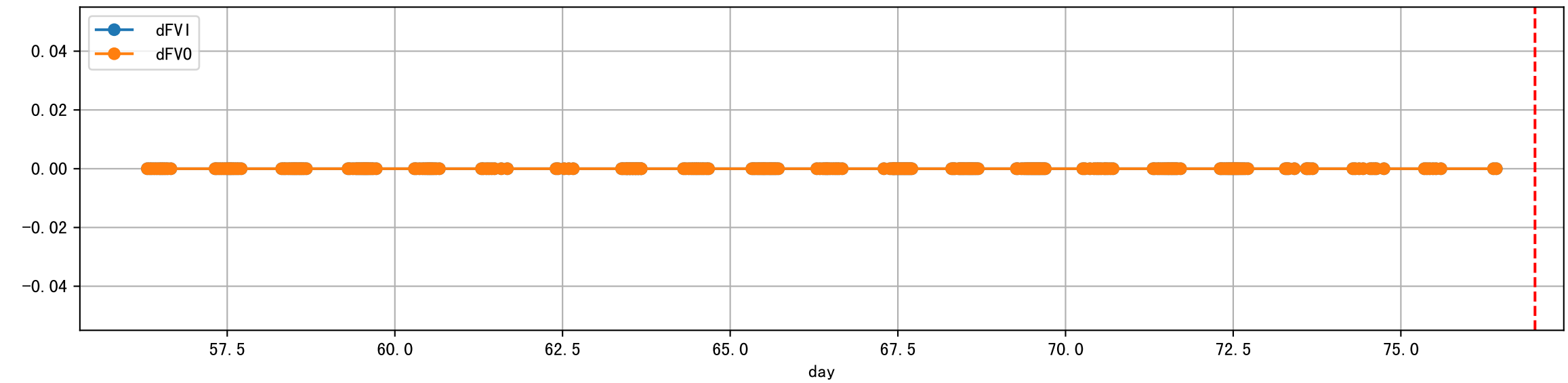

1 (fgArea = NA)
ECI*10%
ECO
7000
6000
5000
4000
3000
2000
0
10
20
30
40
50
60
70
d

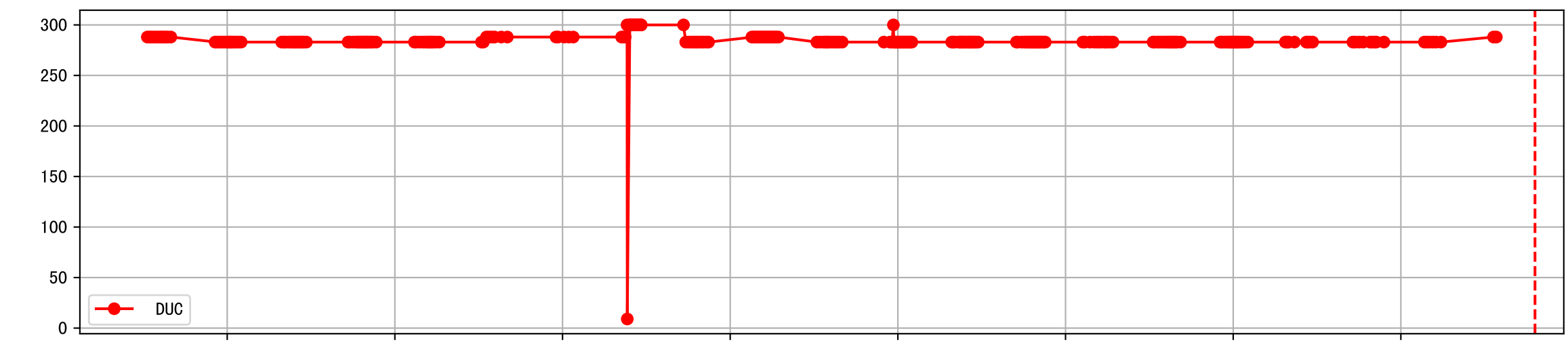

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
10
20
30
40
50
60
70
d

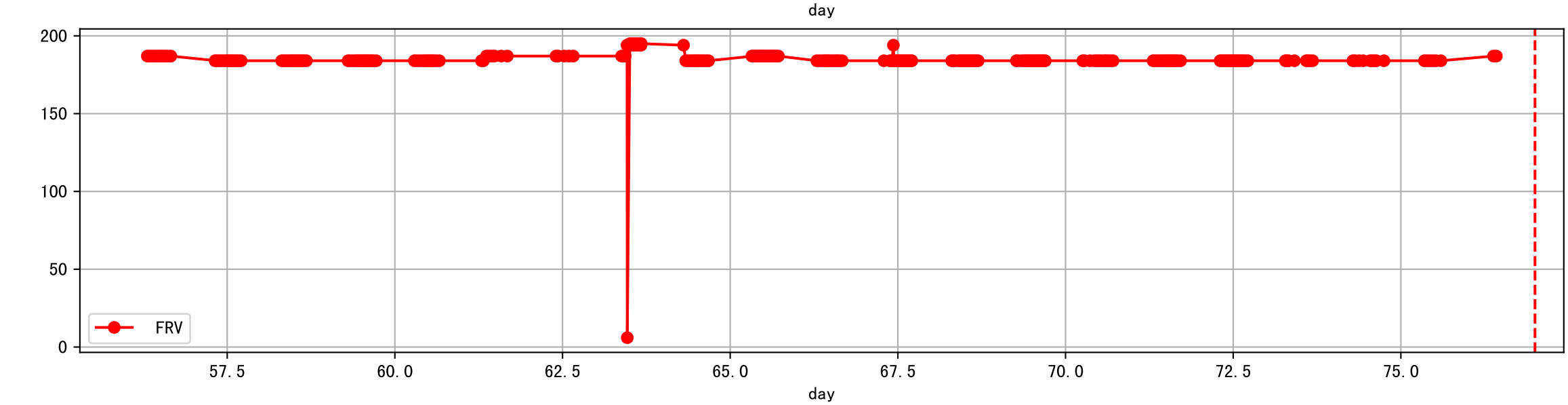

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

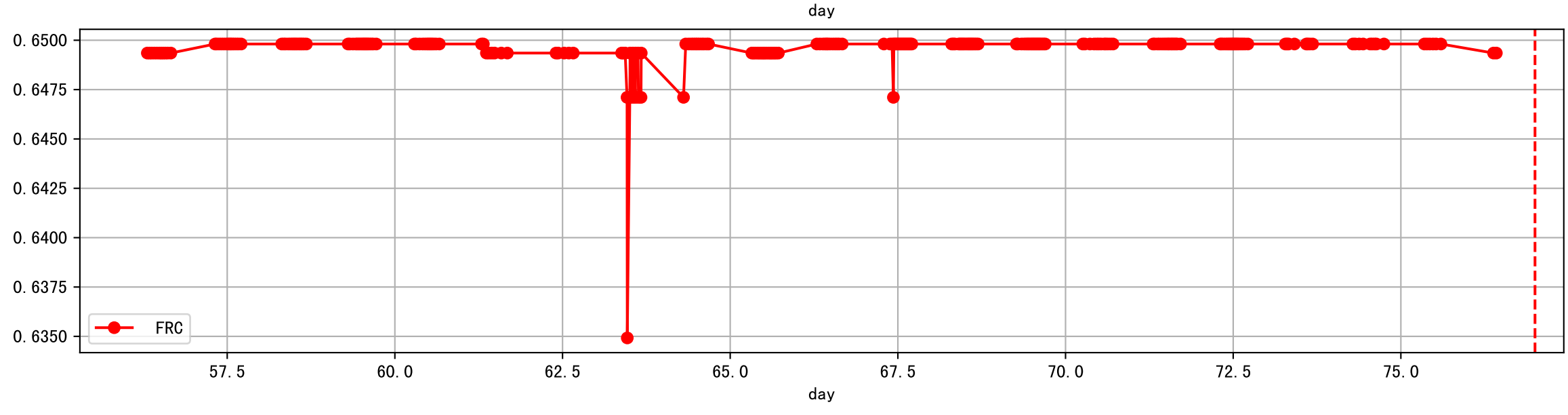

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

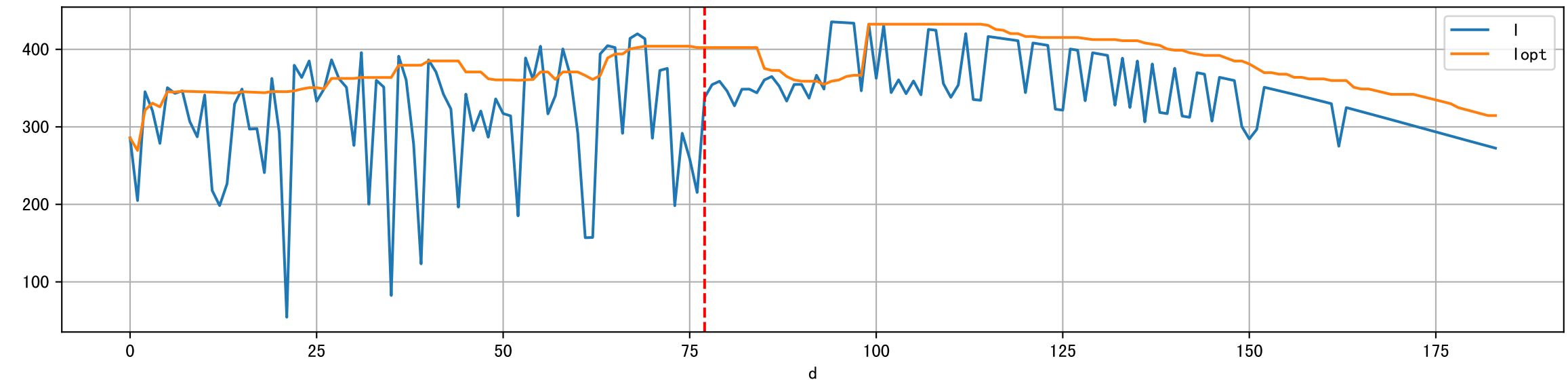


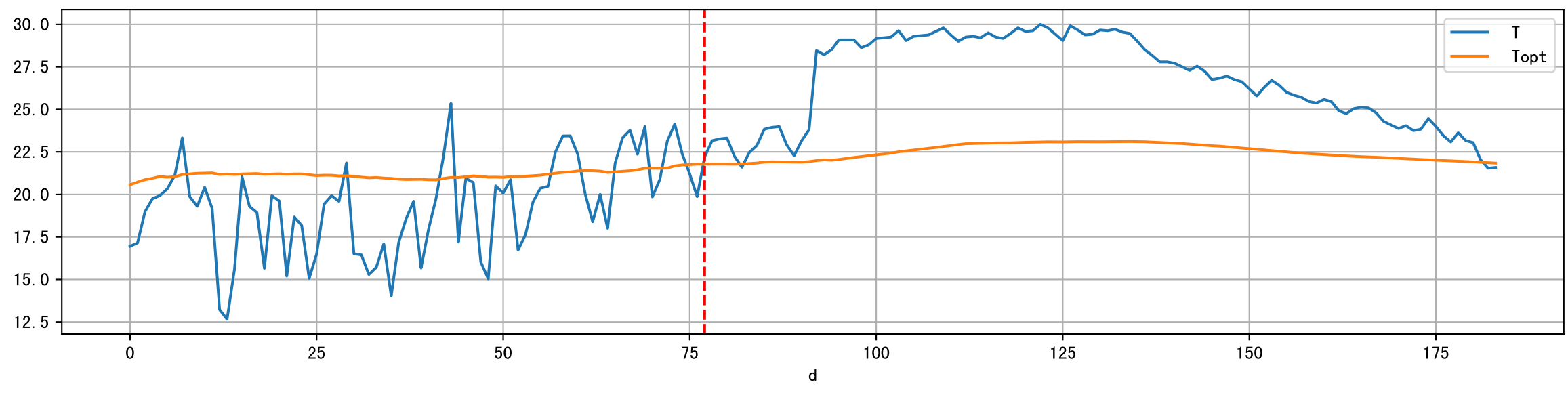


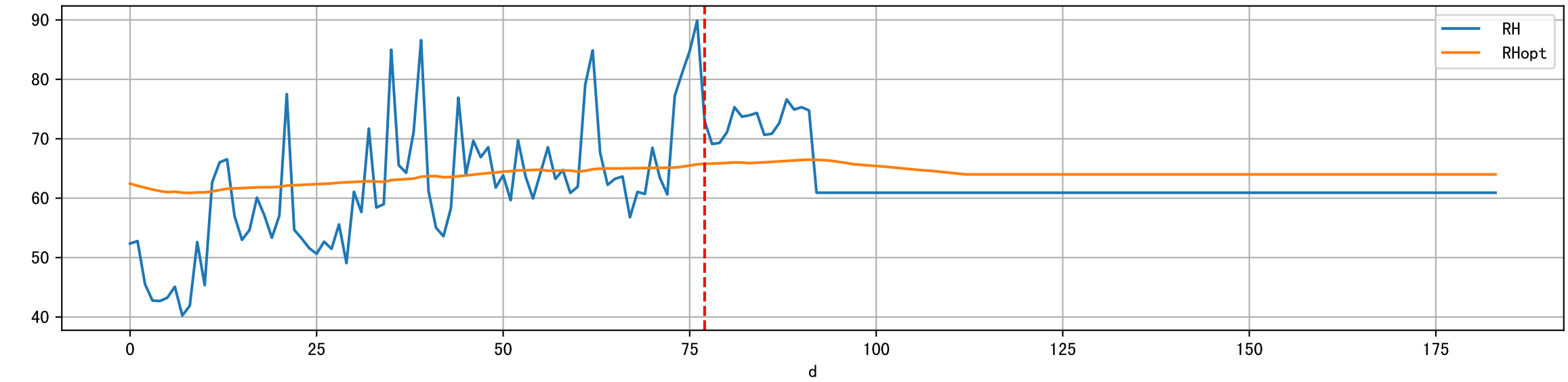


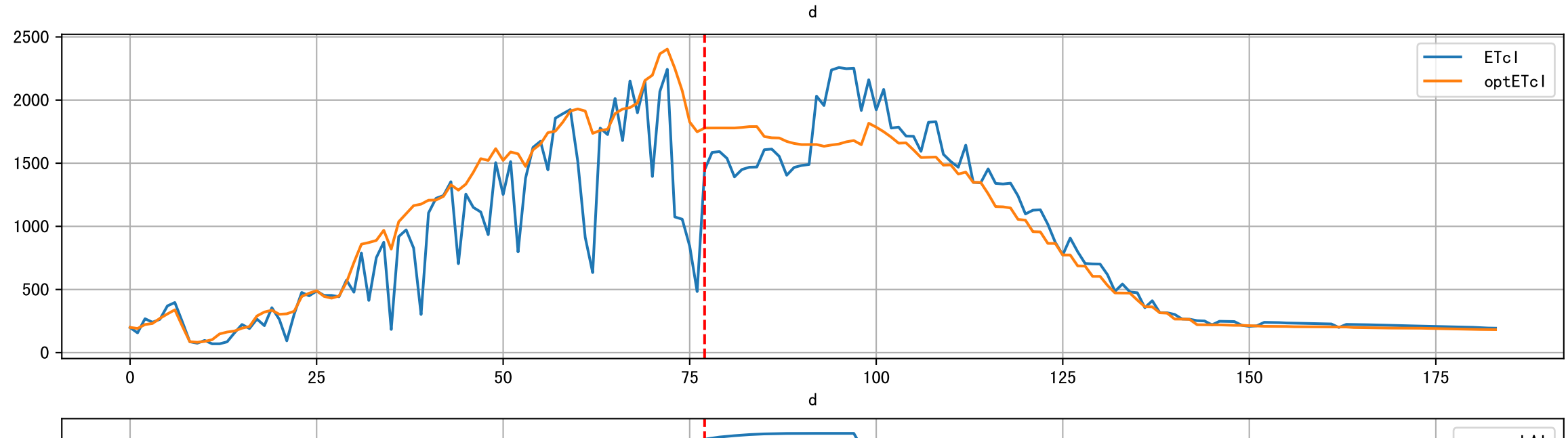


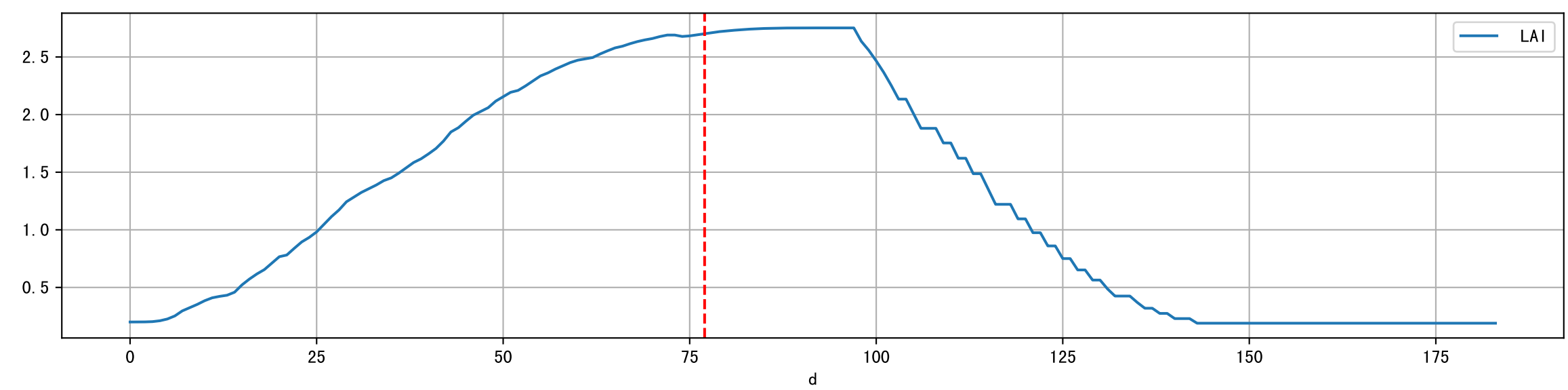
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

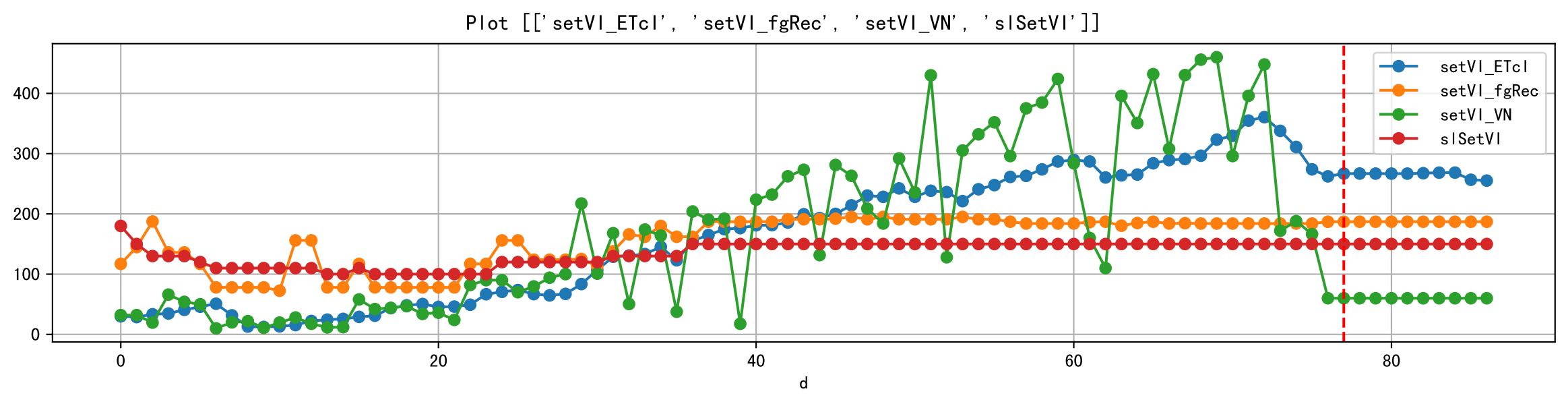


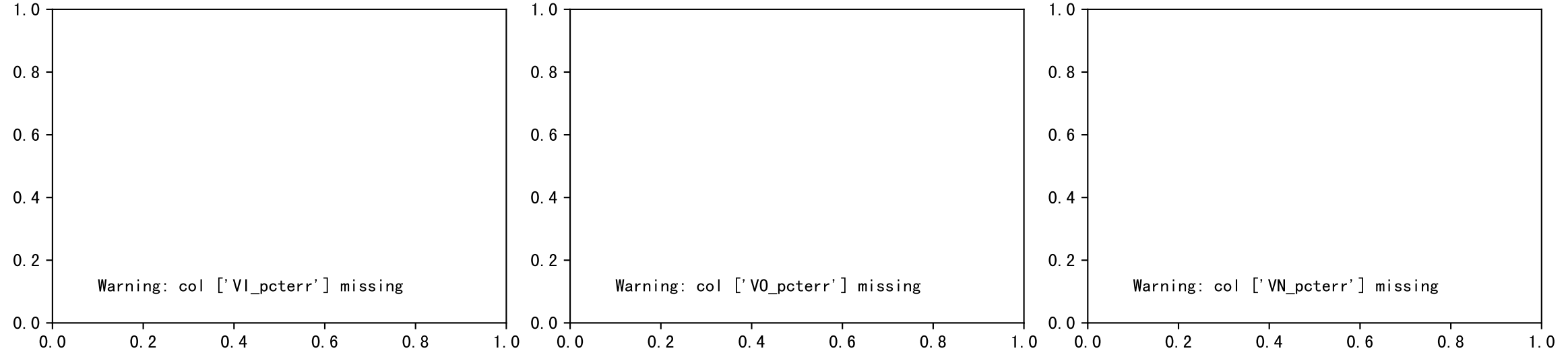


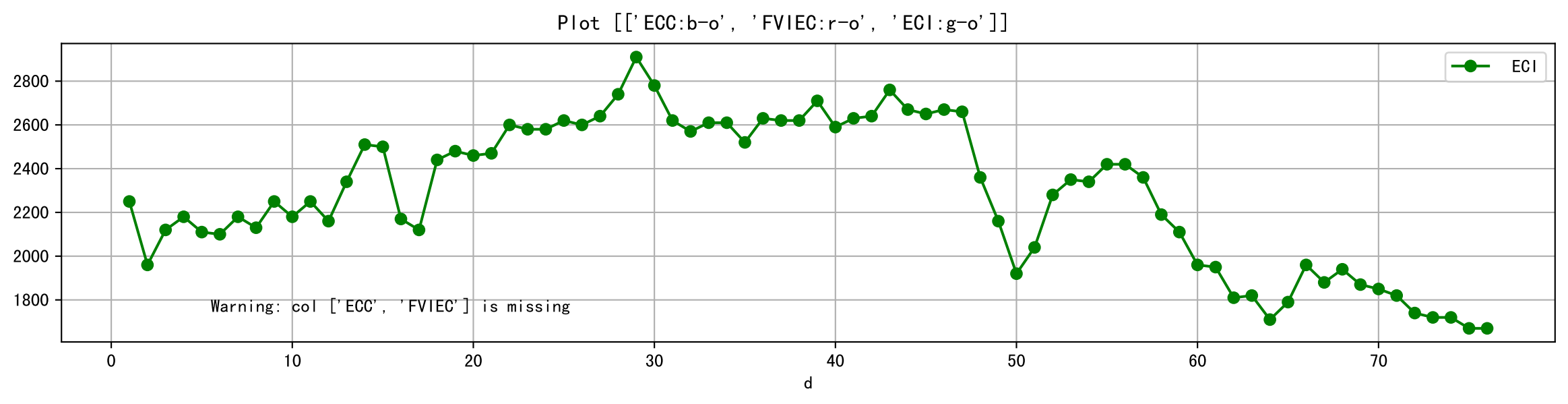


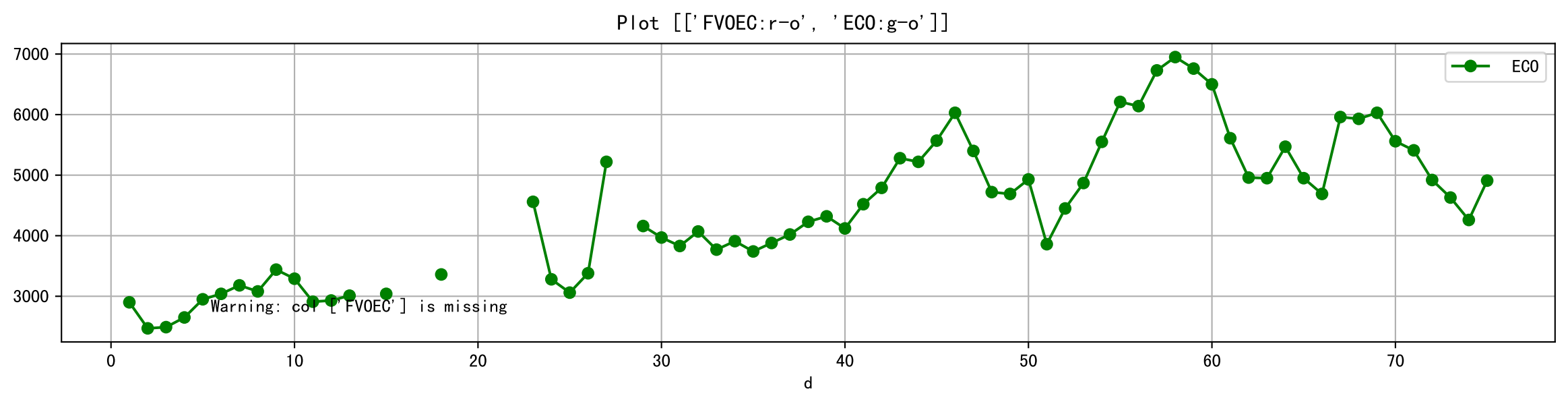


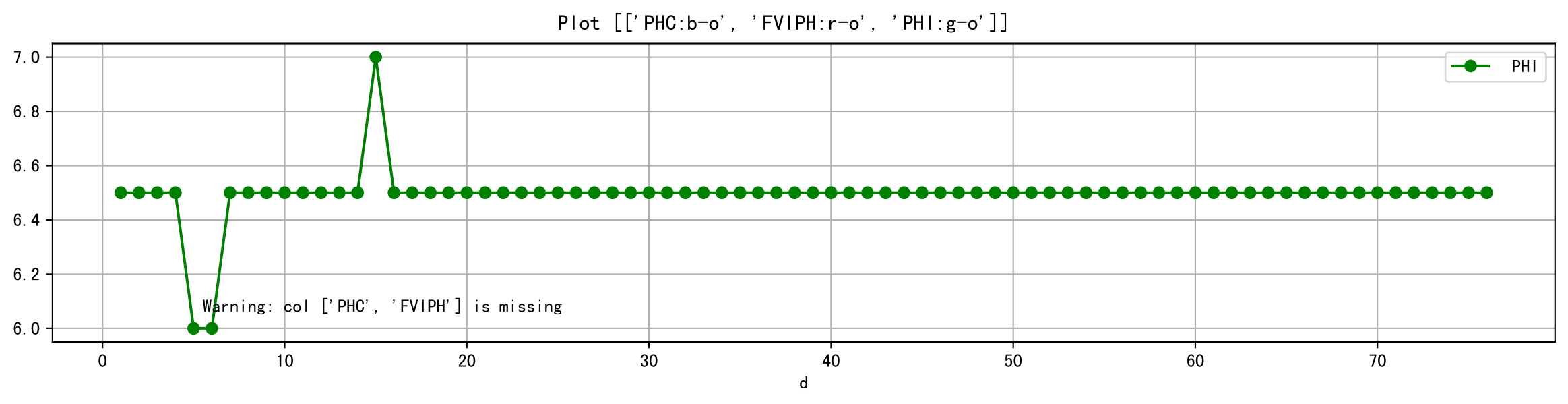


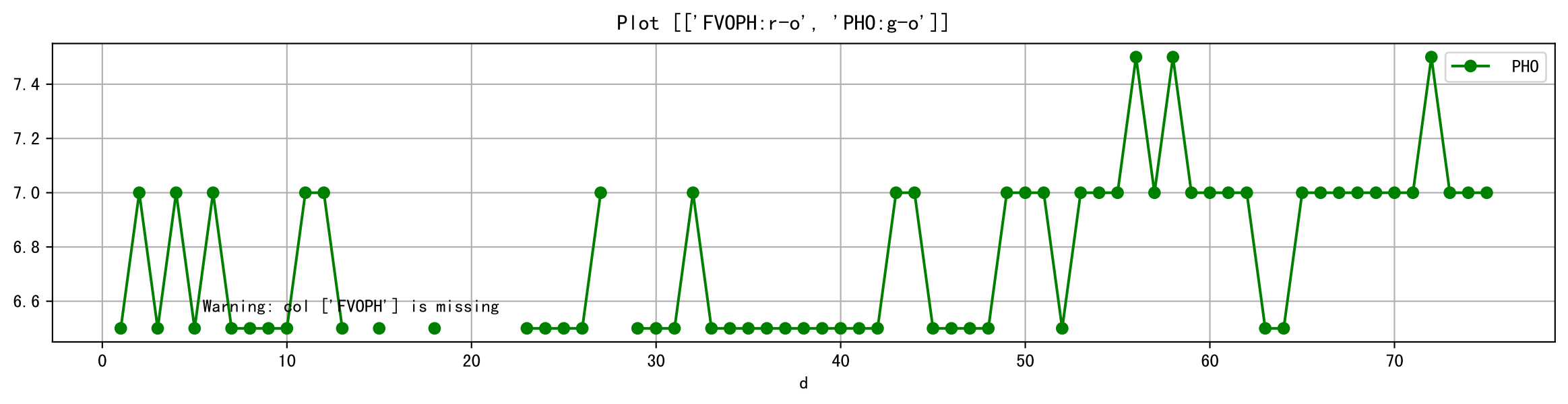

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
0
100
200
300
400
0
20
40
60
80
d

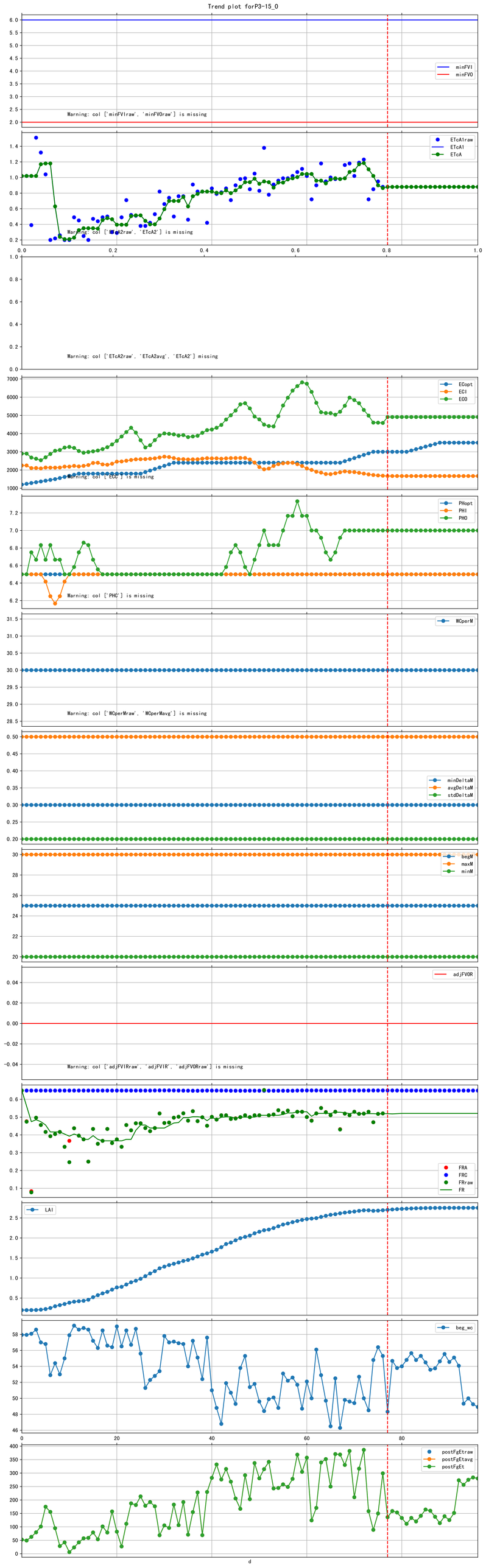

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

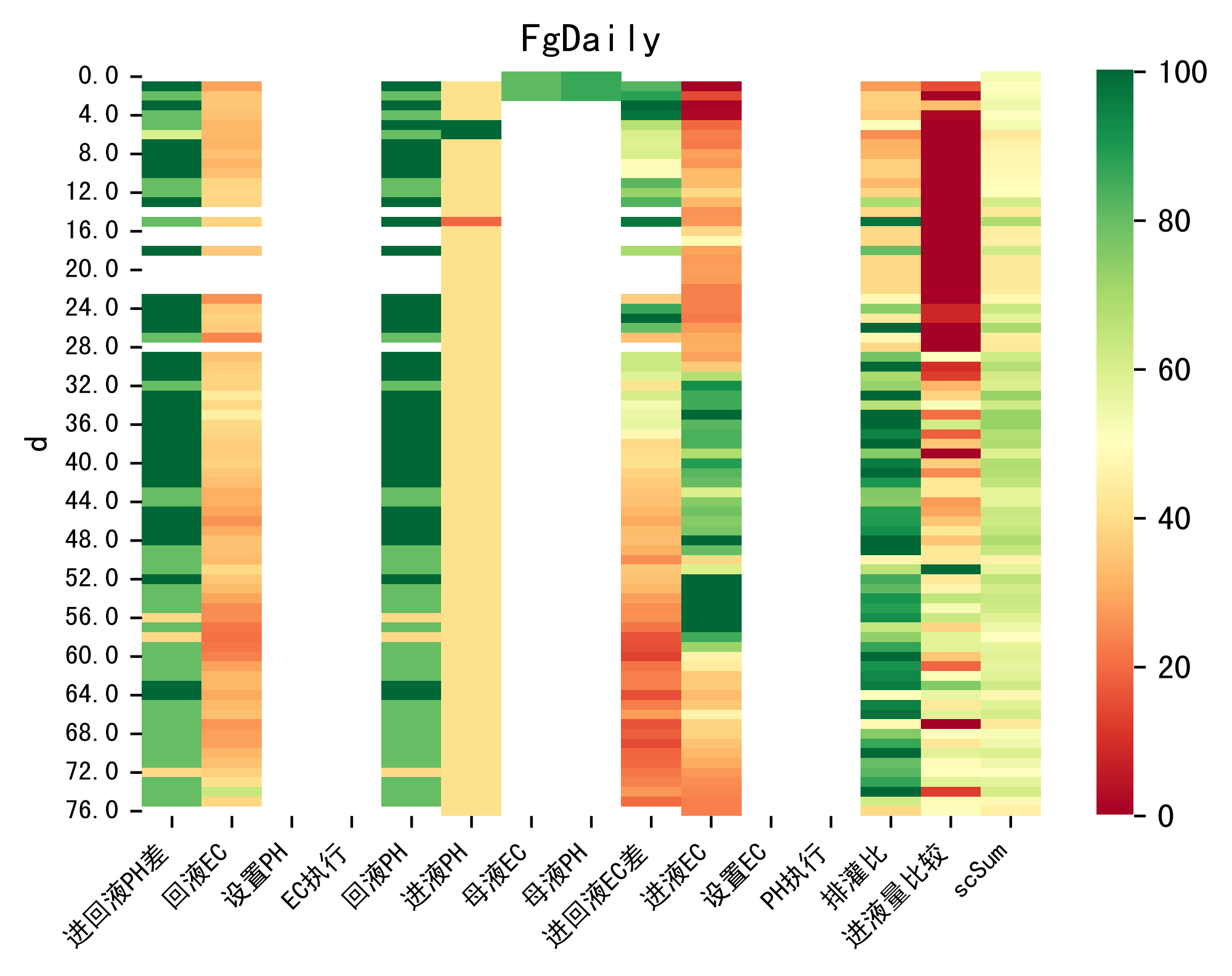

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2800
2600
2400
2200
2000
1800
0
10
20
30
40
50
60
70
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
7000
6000
5000
4000
3000
0
10
20
30
40
50
60
70
d

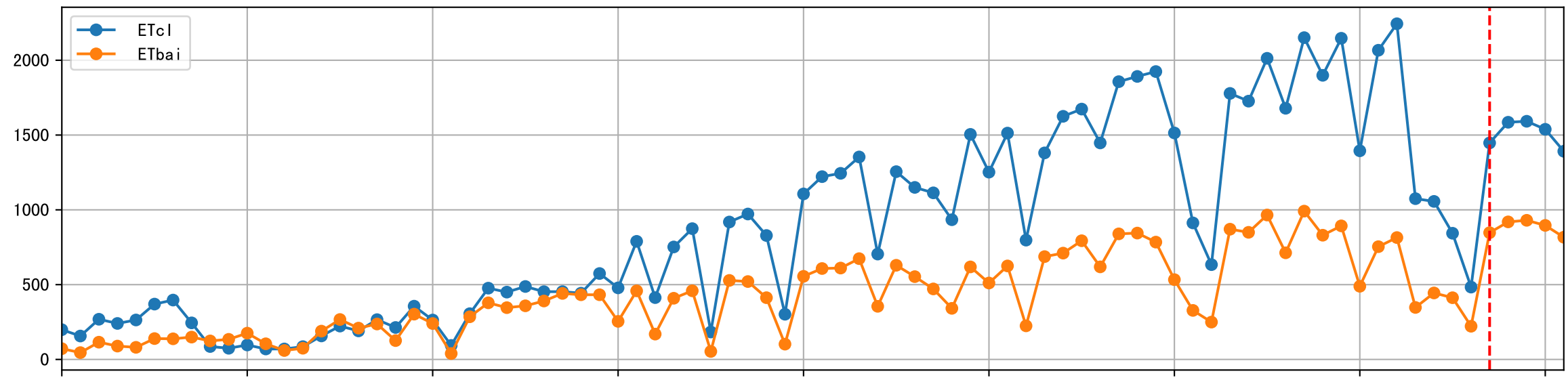

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
10
20
30
40
50
60
70
d

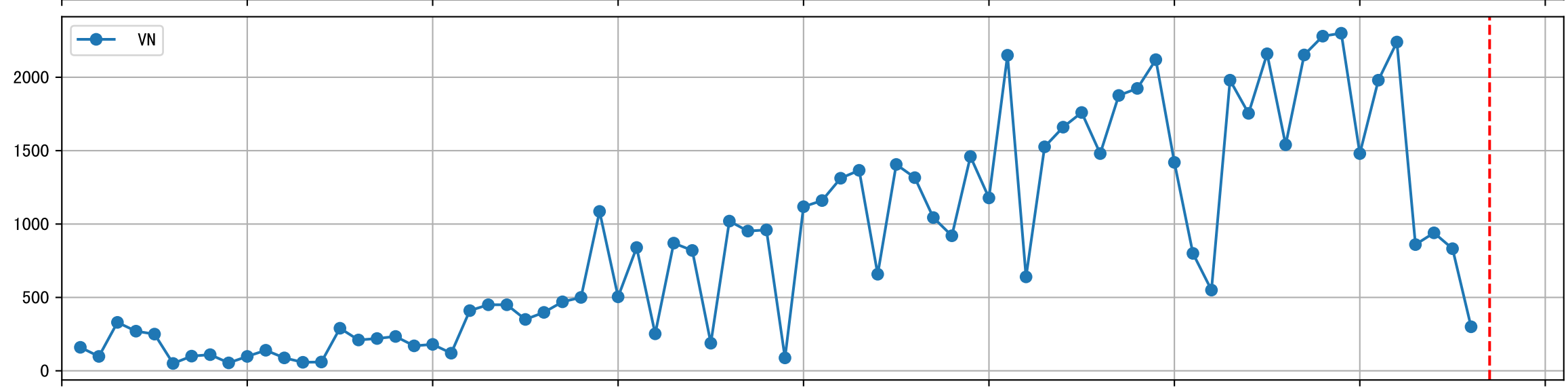

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.4
7.2
7.0
6.8
6.6
Warning: col ['FVOPH'] is missing
0
10
20
30
40
50
60
70
d

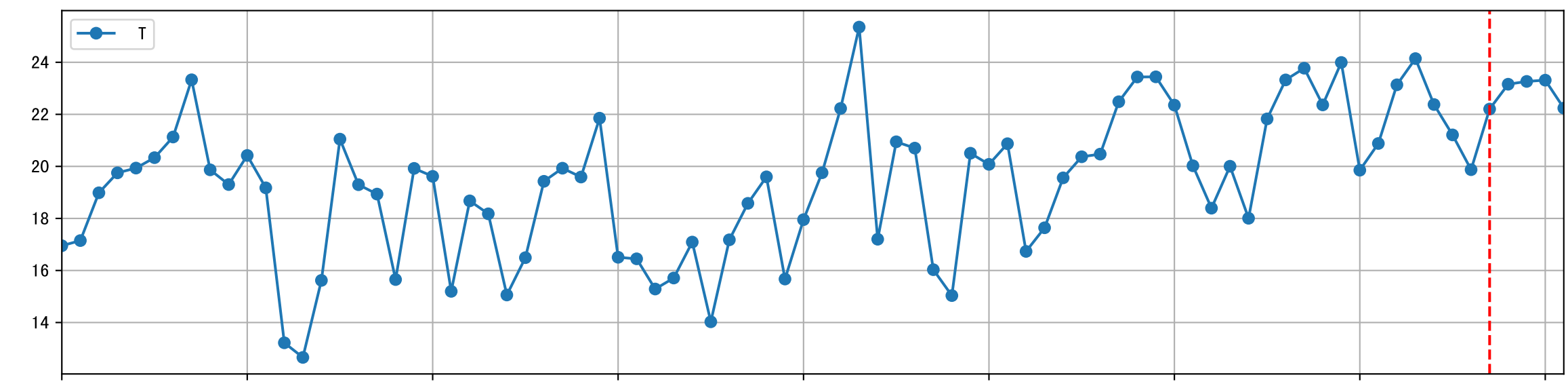

Trend plot forP3-15_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2']
ETcA2raw
ETcA2avg
ETcA2
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECO'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

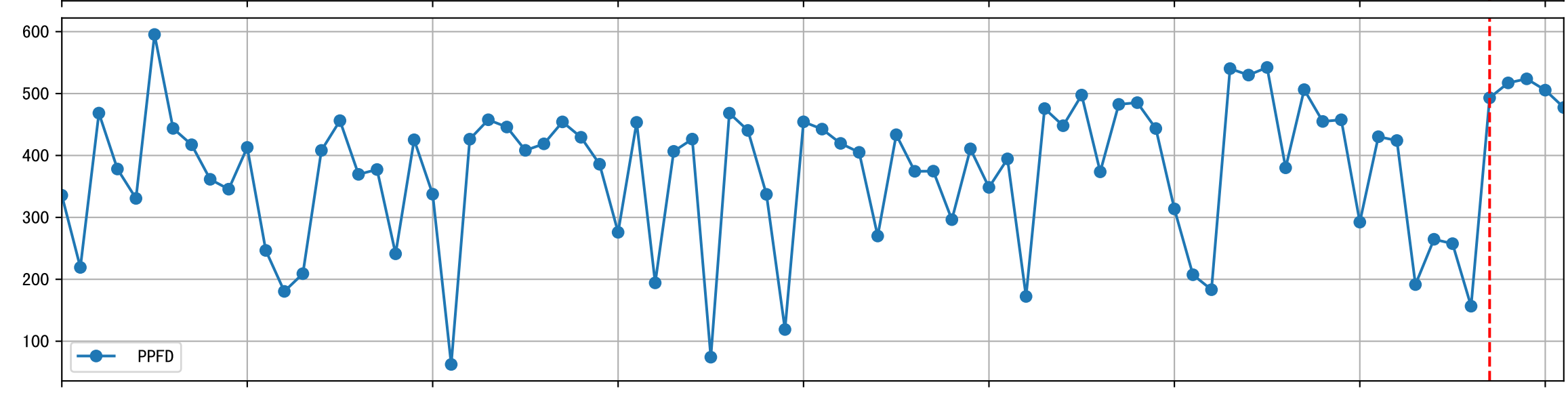

FgDaily
d
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
36.0
40.0
44.0
48.0
52.0
56.0
60.0
64.0
68.0
72.0
76.0
100
80
60
40
20
0
进回液PH差
回液EC
设置PH
EC执行
回液PH
进液PH
母液EC
母液PH
进回液EC差
进液EC
设置EC
PH执行
排灌比
进液量比较
scSum

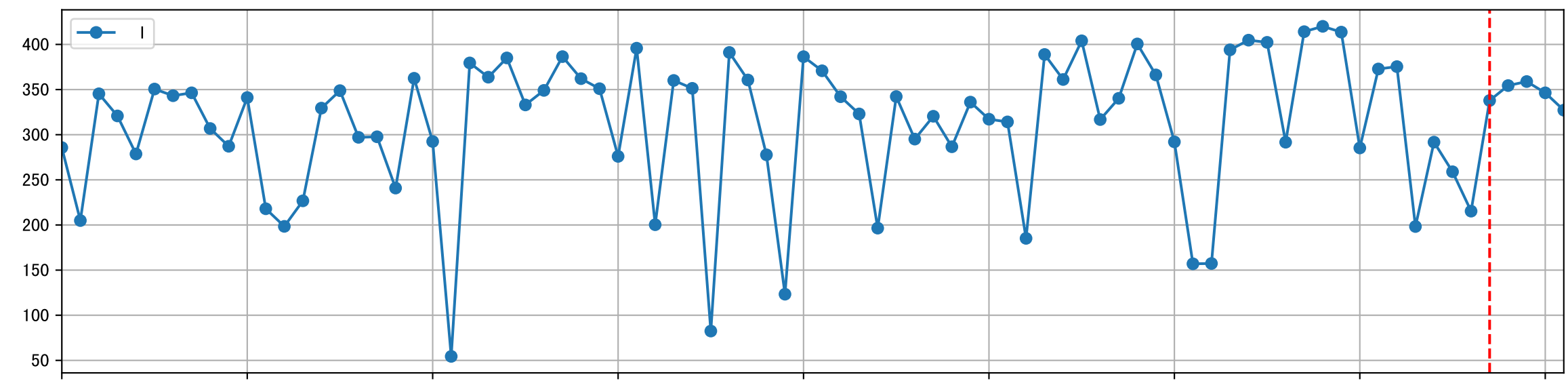
P3-15_0

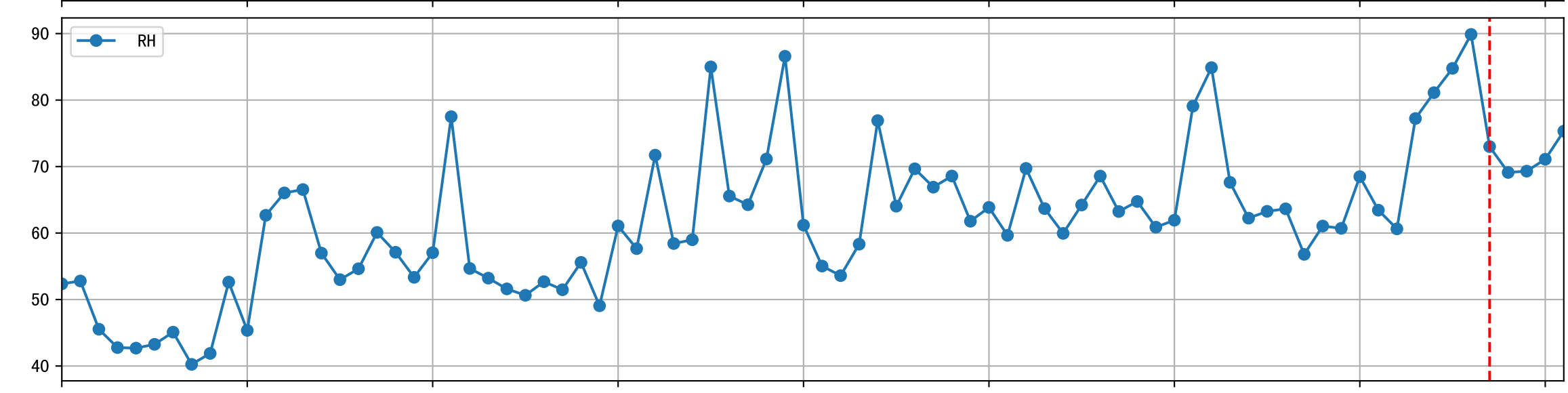

ETcl
ETbai
2000
1500
1000
500
0

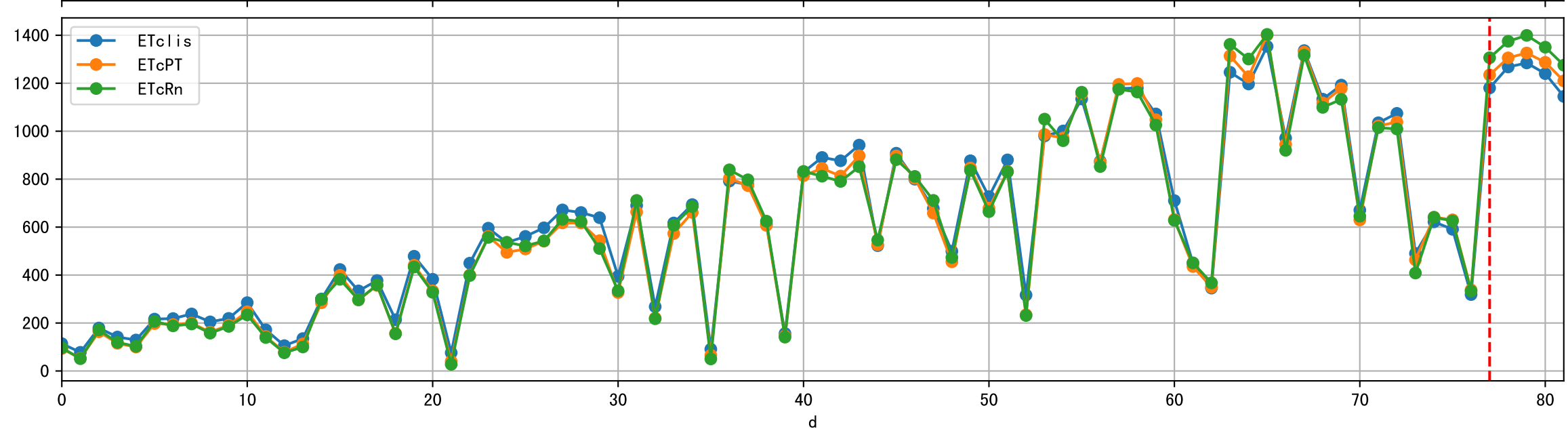

VN
2000
1500
1000
500
0

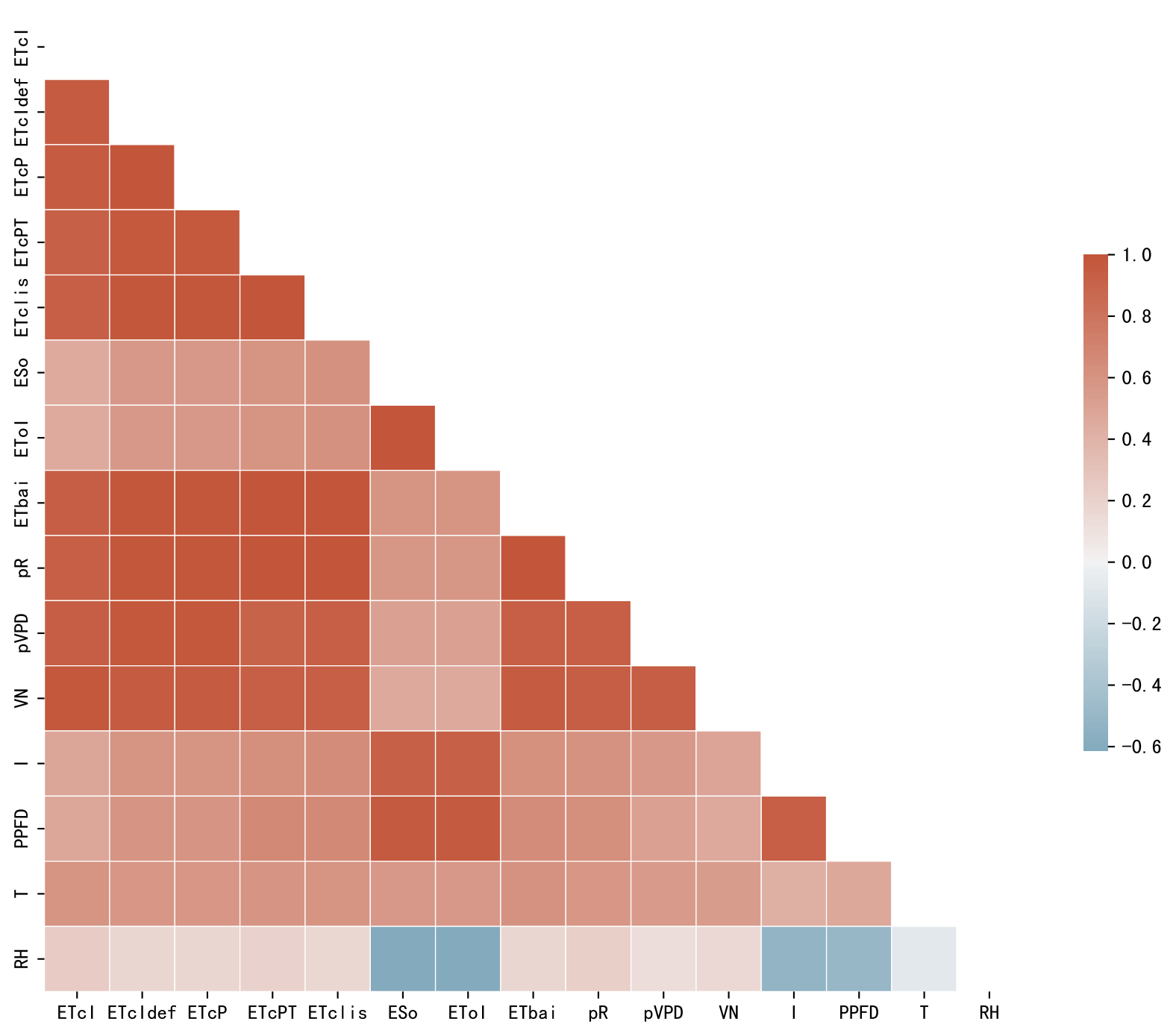

T
24
22
20
18
16
14

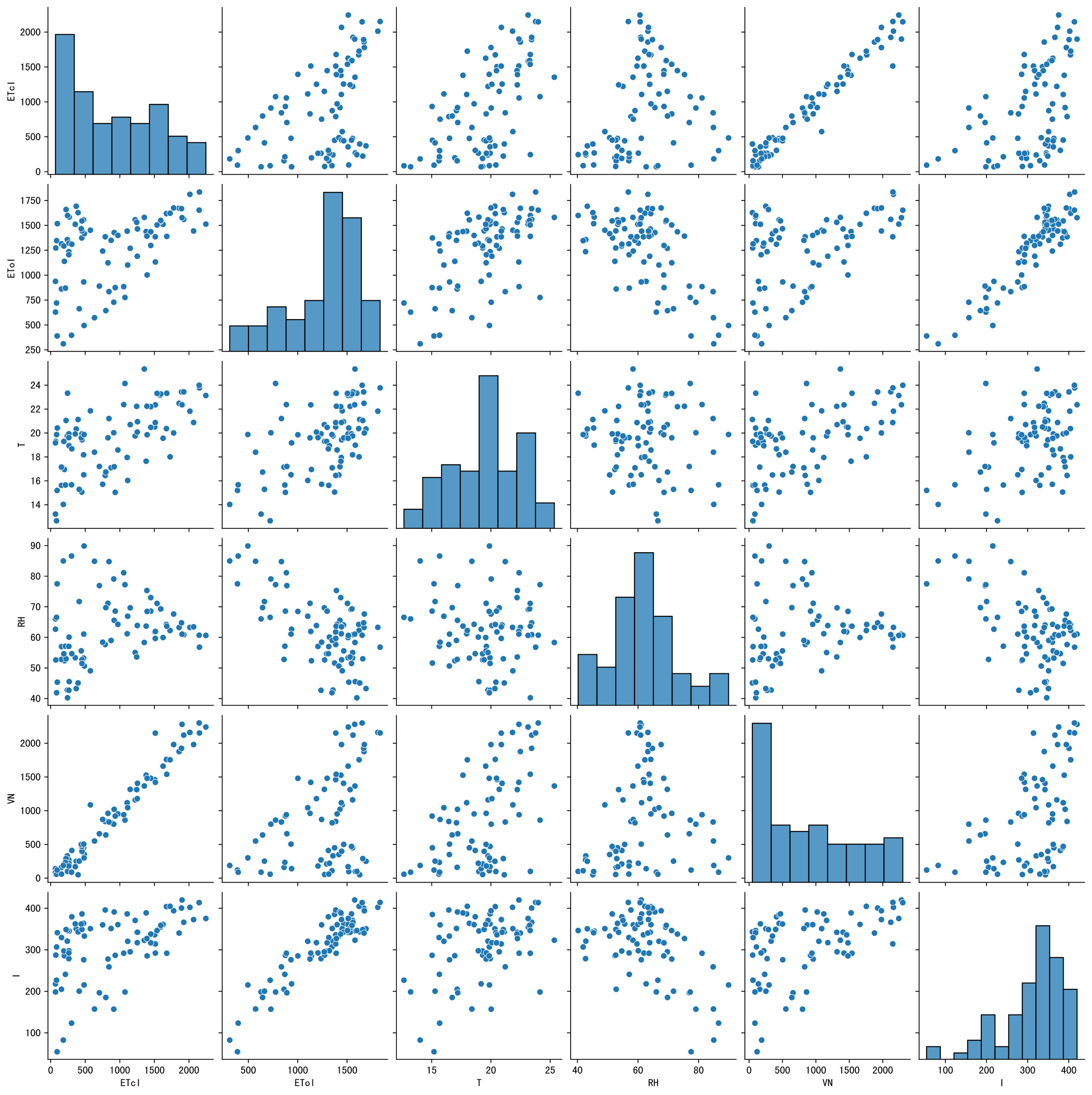

PPFD
600
500
400
300
200
100

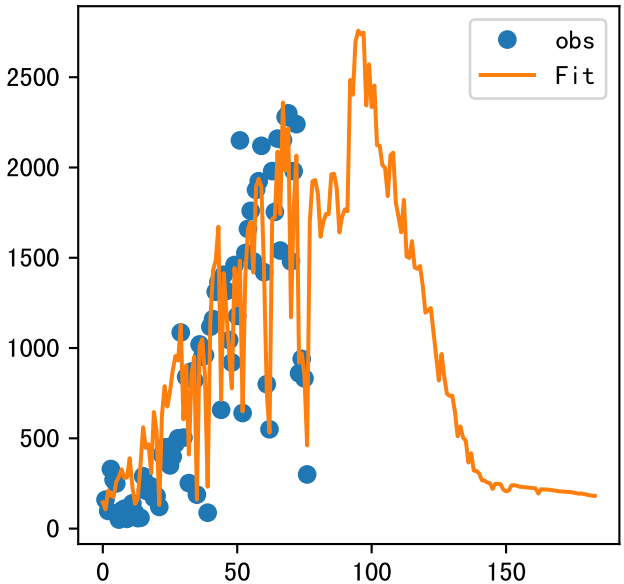

I
400
350
300
250
200
150
100
50

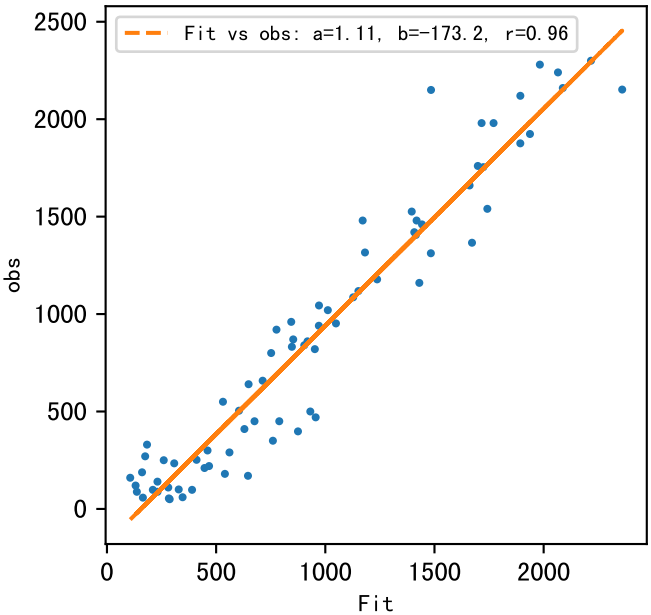

RH
90
80
70
60
50
40


ETclis
ETcPT
ETcRn
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80
d

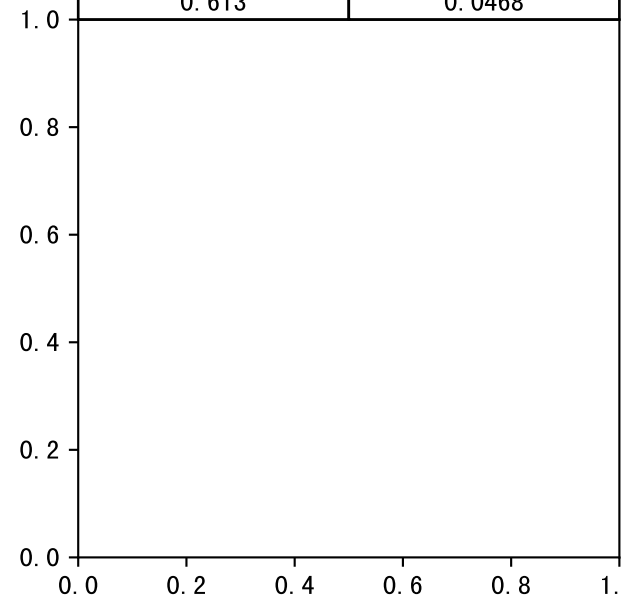

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

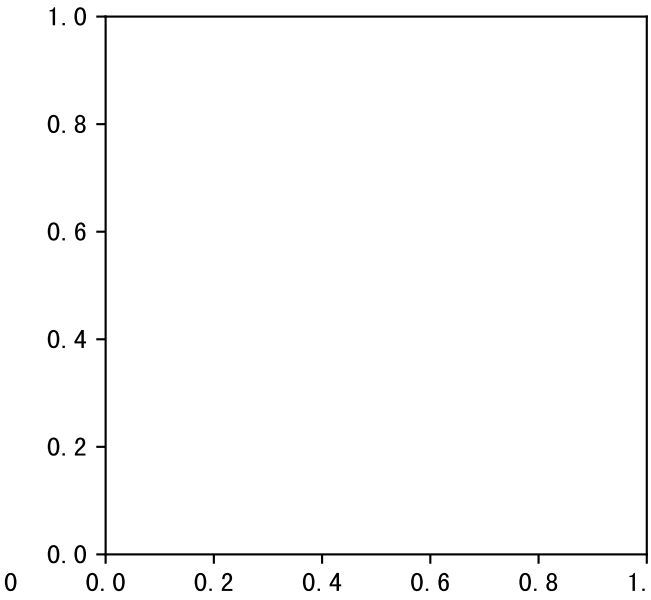

ETcl
ETol
T
RH
VN
I

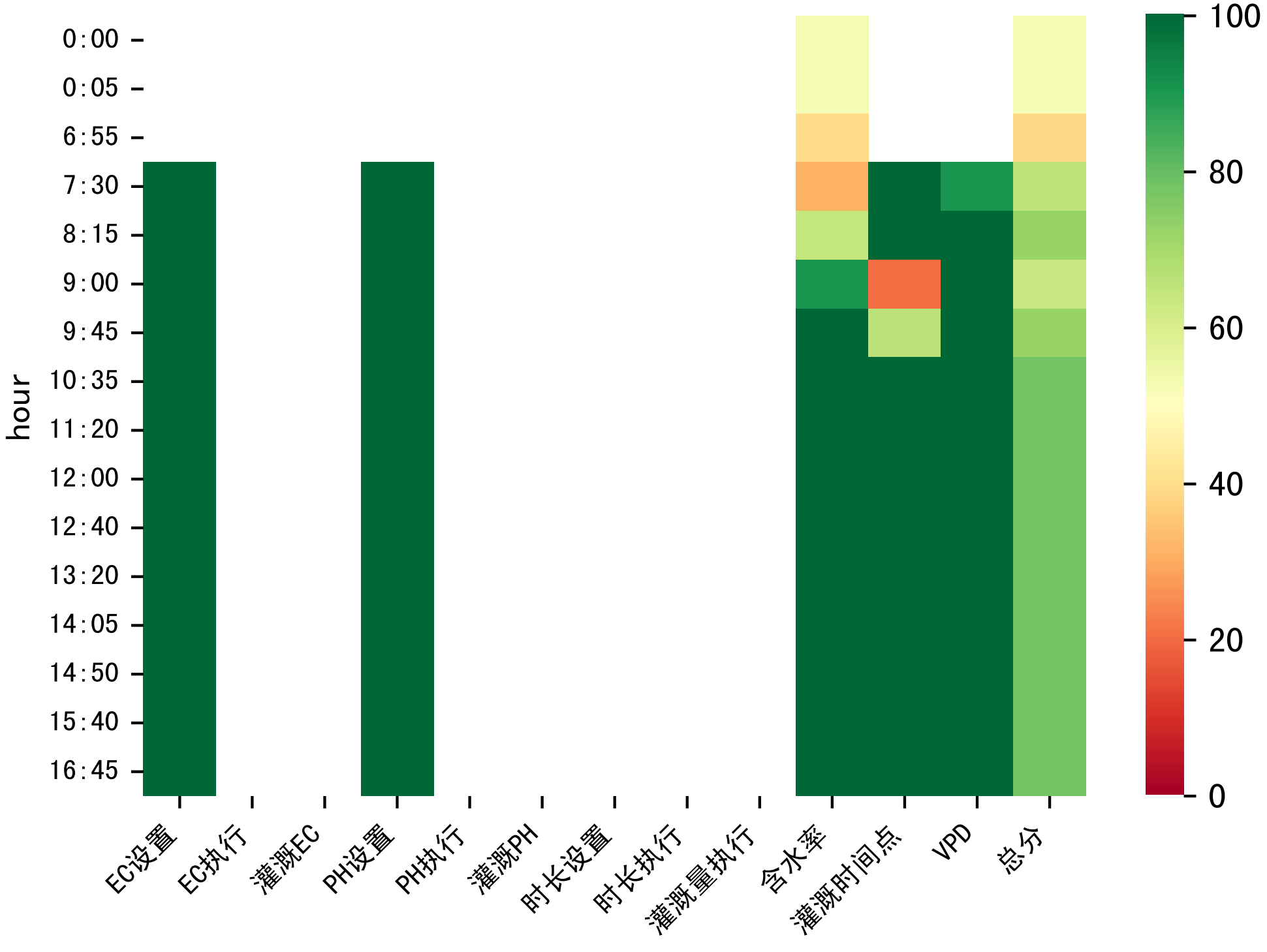




baiA	baiB
0.613	0.0468



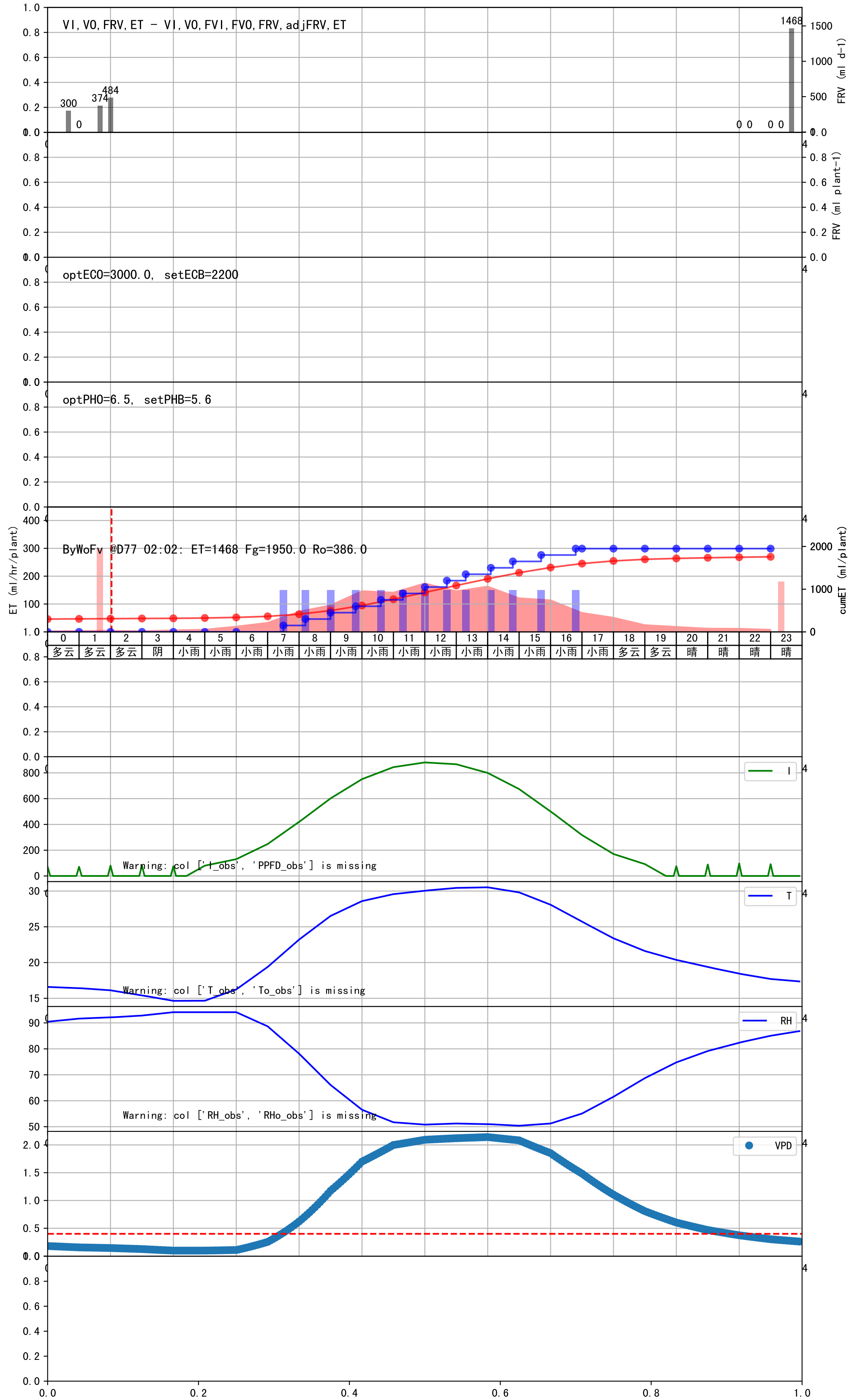


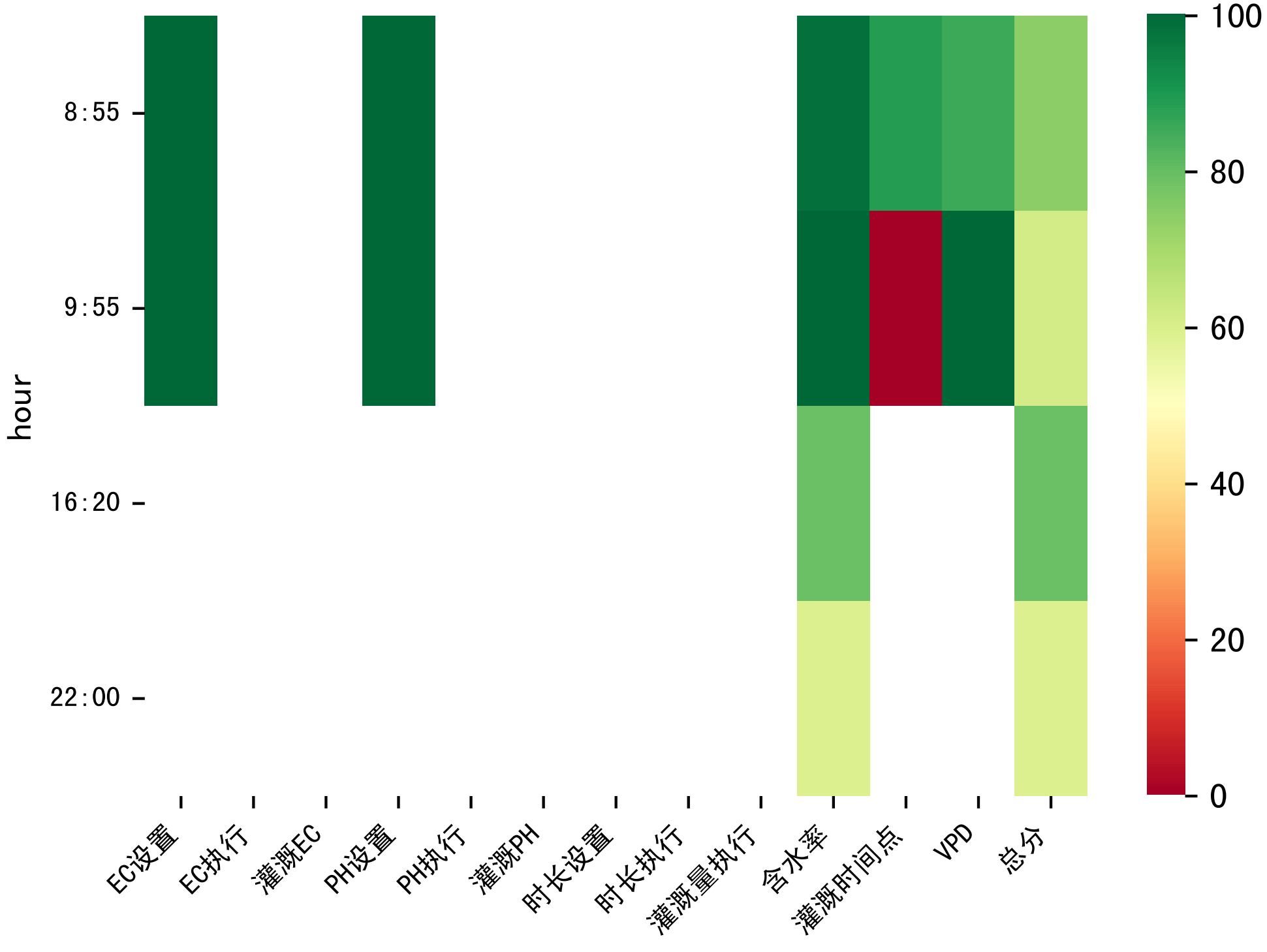

hour
0:00
0:05
6:55
7:30
8:15
9:00
9:45
10:35
11:20
12:00
12:40
13:20
14:05
14:50
15:40
16:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:30	288	150.0	2.888	小雨	预期@07:30 未知程序（未用传感器）
08:15	288	150.0	2.888	小雨	预期@08:15 未知程序（未用传感器）
09:00	288	150.0	2.888	小雨	预期@09:00 未知程序（未用传感器）
09:45	288	150.0	2.888	小雨	预期@09:45 未知程序（未用传感器）
10:35	288	150.0	2.888	小雨	预期@10:35 未知程序（未用传感器）
11:20	288	150.0	2.888	小雨	预期@11:20 未知程序（未用传感器）
12:00	288	150.0	2.888	小雨	预期@12:00 未知程序（未用传感器）
12:40	288	150.0	2.888	小雨	预期@12:40 未知程序（未用传感器）
13:20	288	150.0	2.888	小雨	预期@13:20 未知程序（未用传感器）
14:05	288	150.0	2.888	小雨	预期@14:05 未知程序（未用传感器）
14:50	288	150.0	2.888	小雨	预期@14:50 未知程序（未用传感器）
15:40	288	150.0	2.888	小雨	预期@15:40 未知程序（未用传感器）
16:45	288	150.0	2.888	小雨	预期@16:45 未知程序（未用传感器）
总计	3744.0 (13次)	1950.0			建议进液EC：2200， PH：5.6

模型建议今天进液PH 5.6，由于施肥机不支持自动调控PH，请手动调整
昨天进回液EC数据缺失.
进回液EC差(1687.0 vs 4585.0)过高
模型建议今天进液EC 2200.0

P3-15_0, Day=77 (2025-06-16)

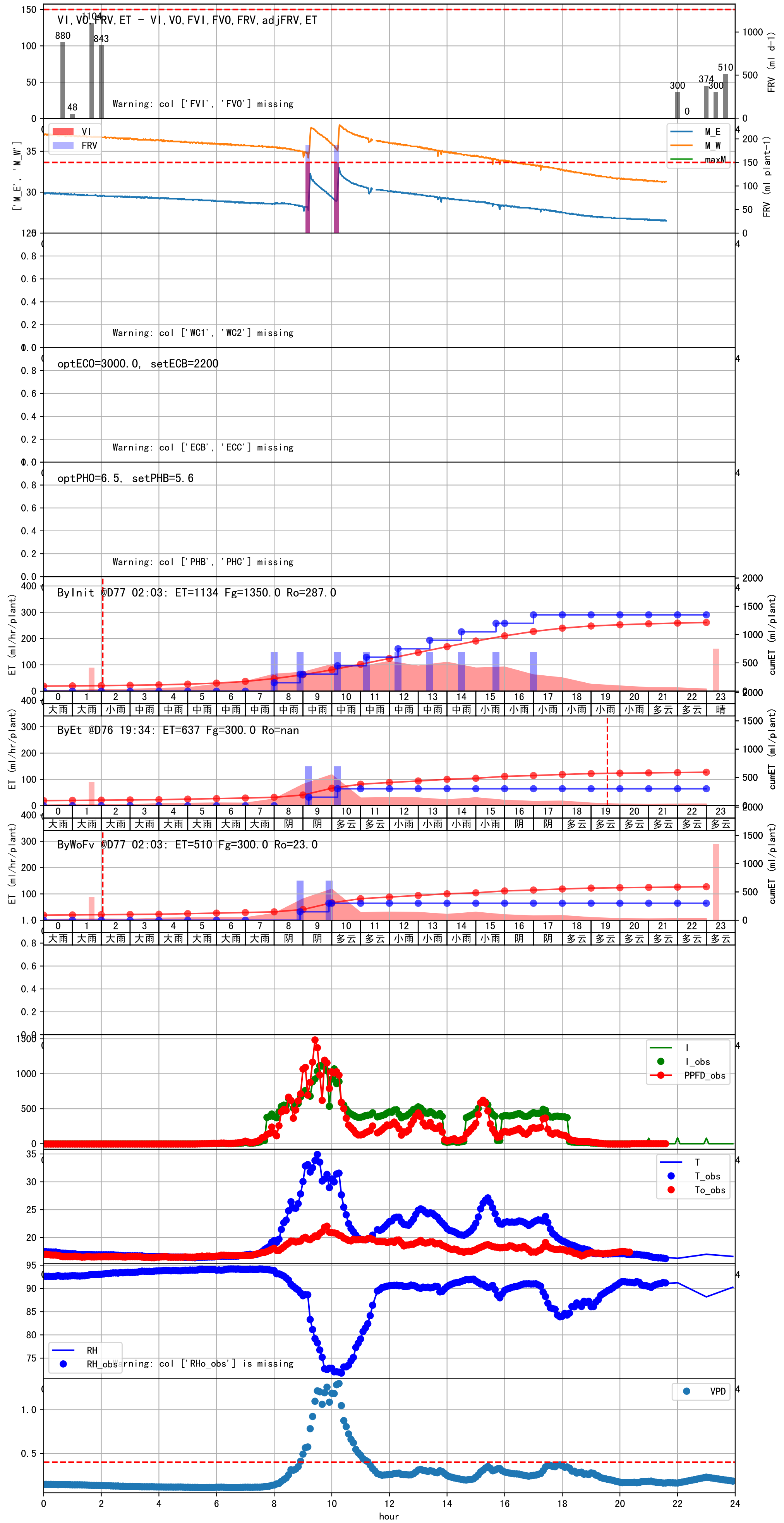


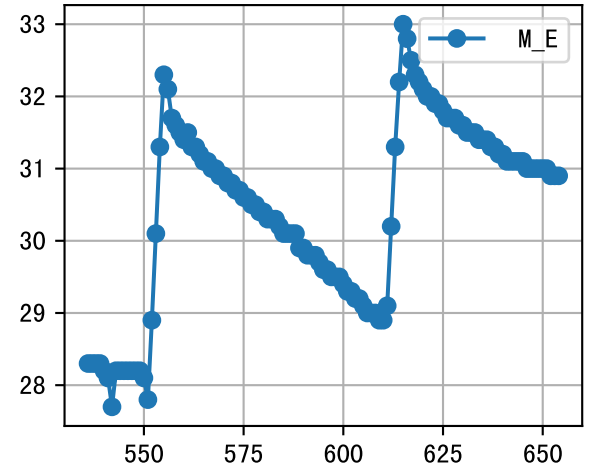

hour
8:55
9:55
16:20
22:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

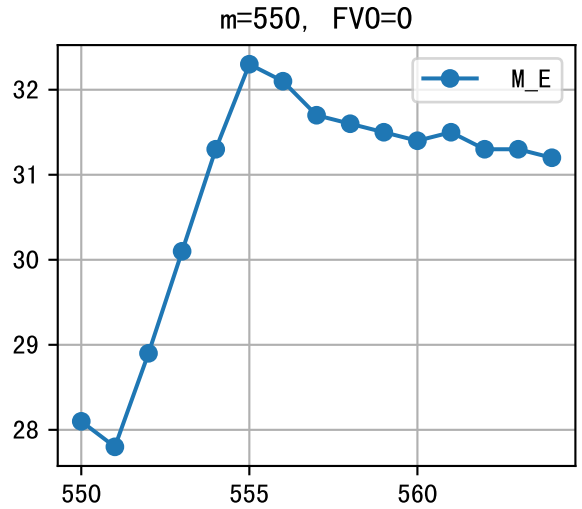
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:55	288	150.0	2.888	阴	假设@08:55 自动（未用传感器）
09:55	288	150.0	2.888	阴	假设@09:55 自动（未用传感器）
总计	576.0 (2次)	300.0			建议进液EC：2200， PH：5.6

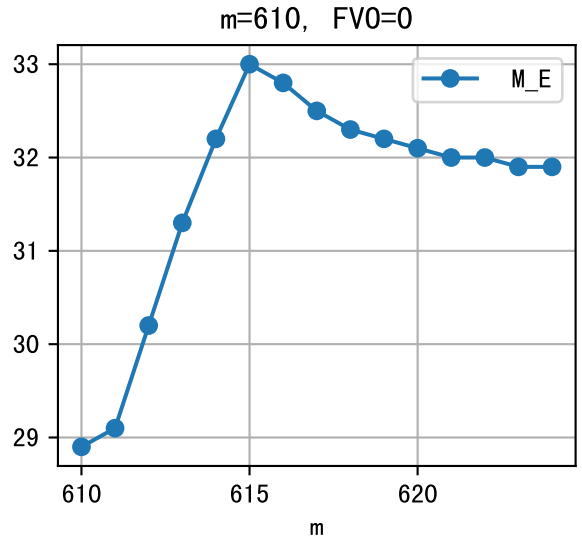
施肥机灌溉量与预期值不符 (187.0 : 150.0)，可能由于一阀多区不均匀
默认实际灌溉150.0 ml.
模型建议今天进液PH 5.6，由于施肥机不支持自动调控PH，请手动调整
进回液EC差(1703.0 vs 4600.0)过高
模型建议今天进液EC 2200.0

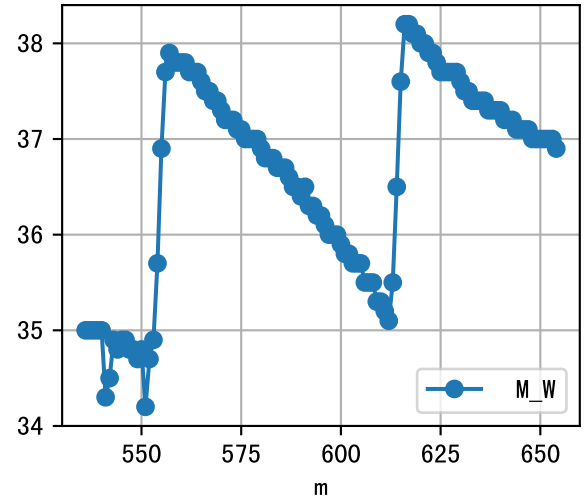
P3-15_0, Day=76 (2025-06-15)

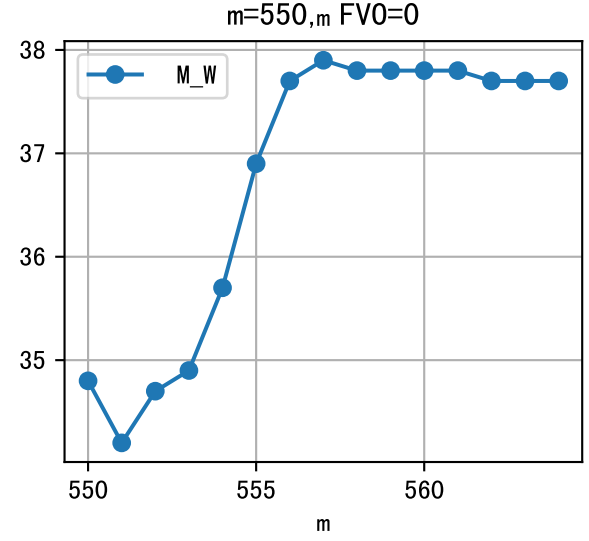


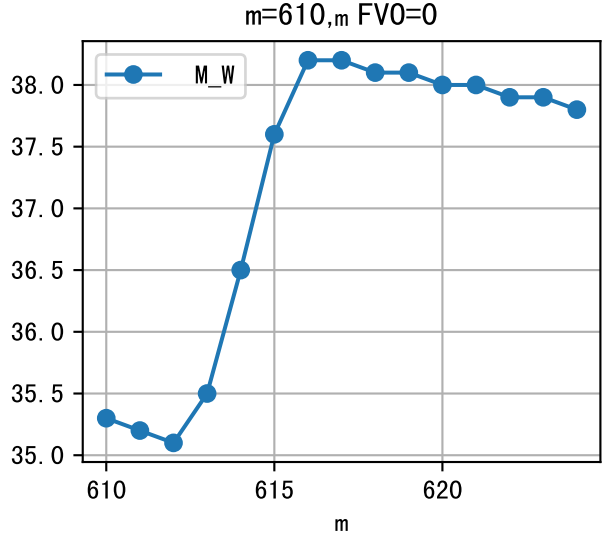

M_E

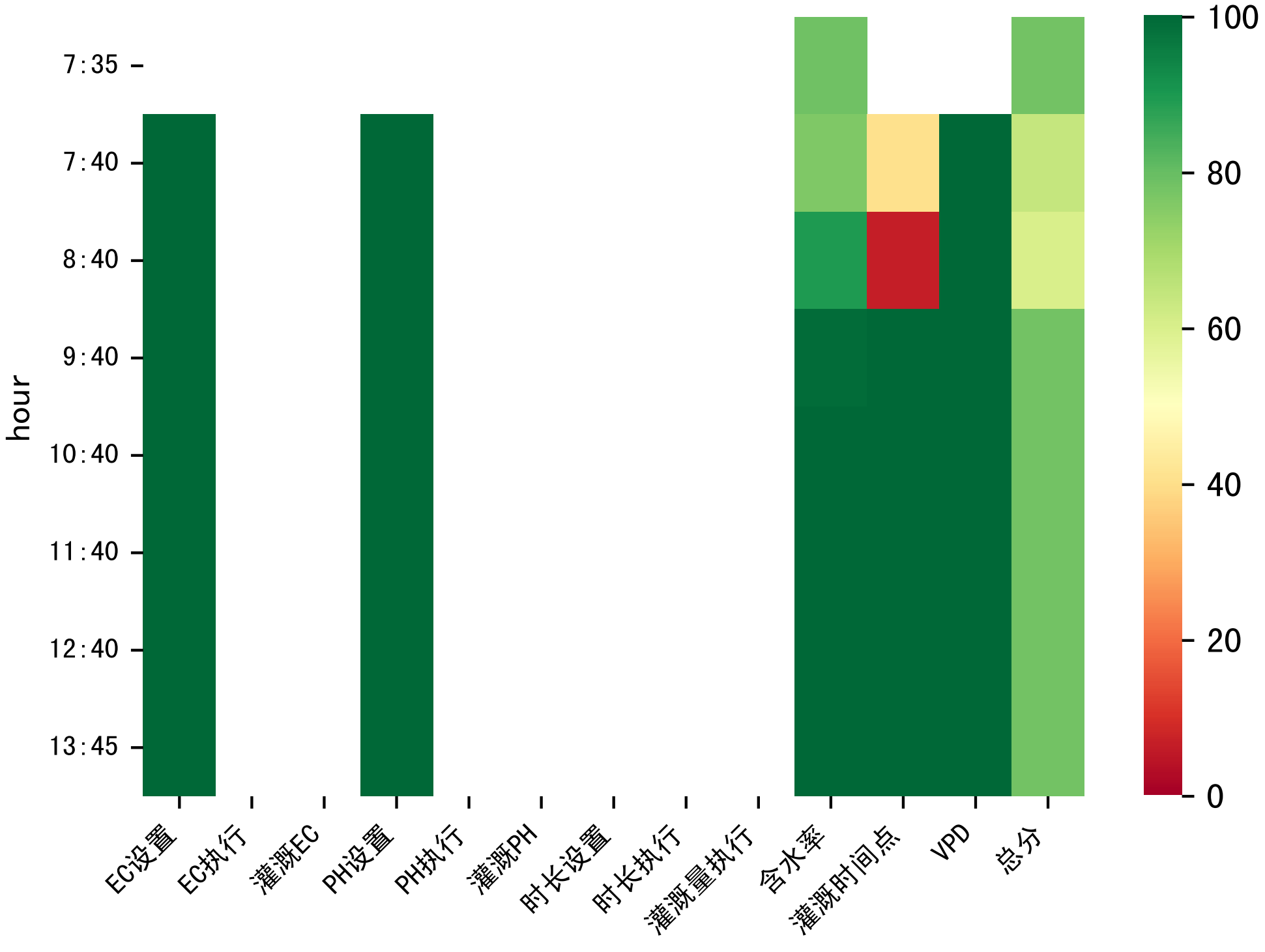

m=550, FV0=0
M_E


m=610, FV0=0
M_E
m


M_W
m


m=550,m FV0=0
M_W
m

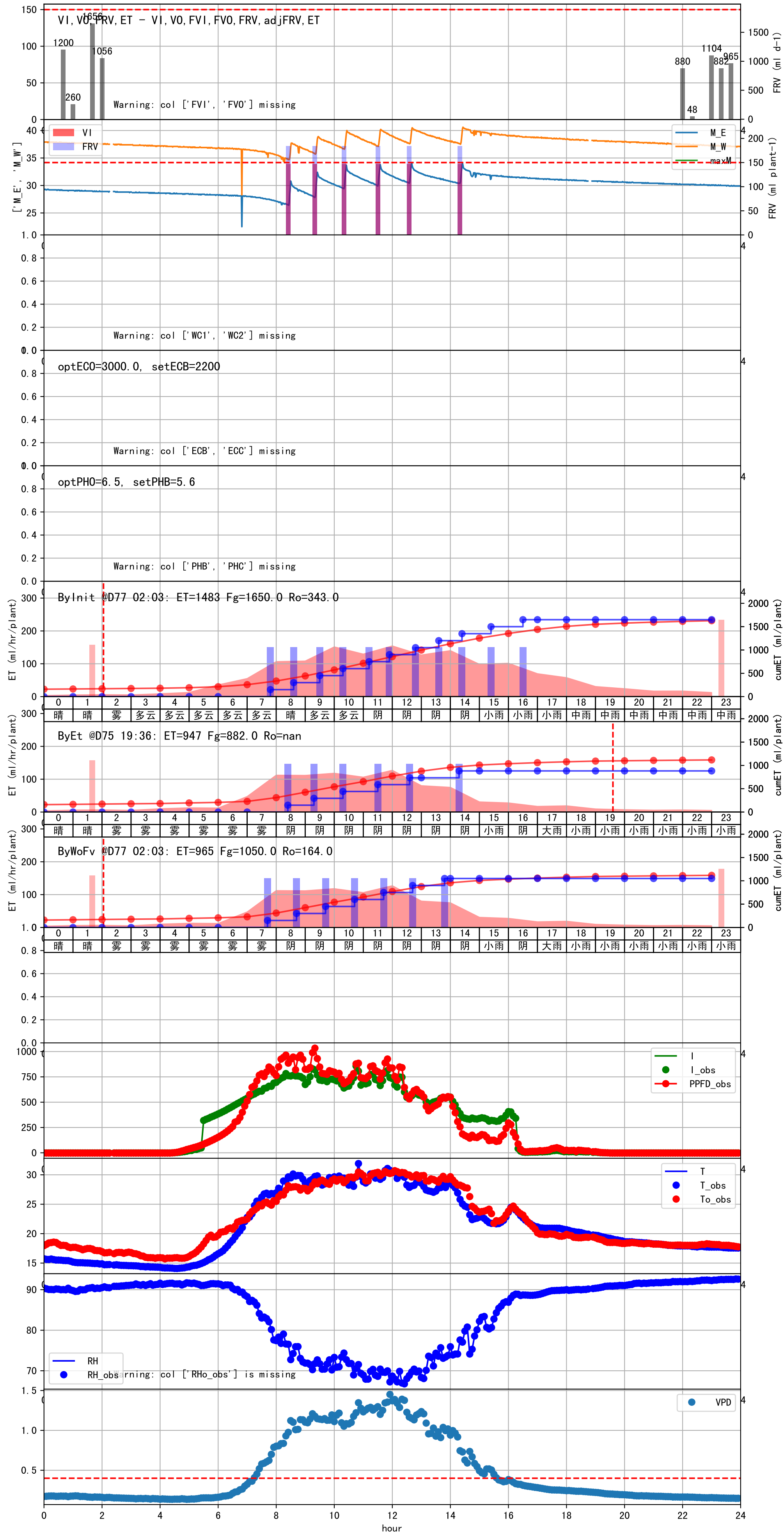

m=610,m FV0=0
M_W
m

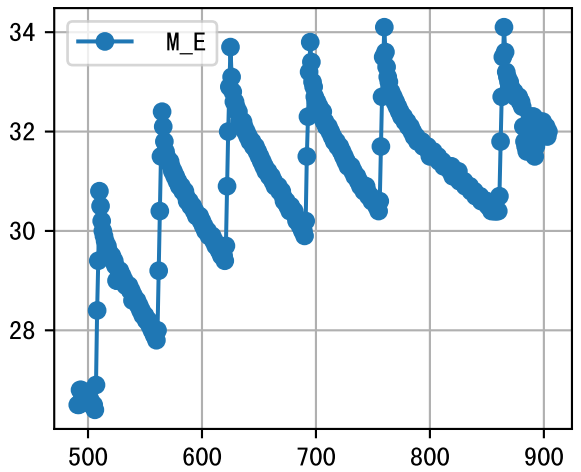

hour
7:35
7:40
8:40
9:40
10:40
11:40
12:40
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

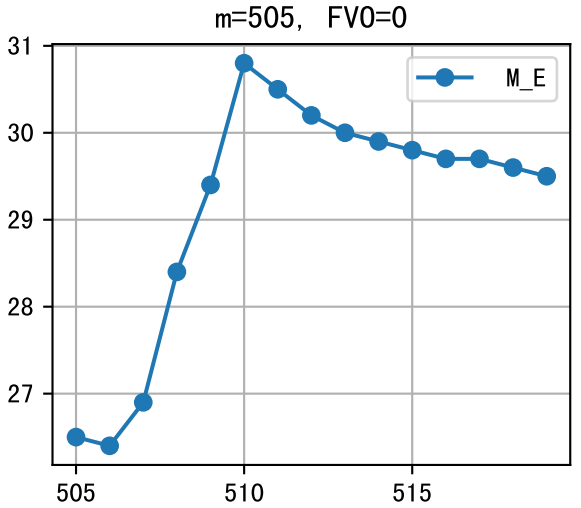
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:40	283	150.0	2.888	雾	假设@07:40 自动（未用传感器）
08:40	283	150.0	2.888	阴	假设@08:40 自动（未用传感器）
09:40	283	150.0	2.888	阴	假设@09:40 自动（未用传感器）
10:40	283	150.0	2.888	阴	假设@10:40 自动（未用传感器）
11:40	283	150.0	2.888	阴	假设@11:40 自动（未用传感器）
12:40	283	150.0	2.888	阴	假设@12:40 自动（未用传感器）
13:45	283	150.0	2.888	阴	假设@13:45 自动（未用传感器）
总计	1981.0 (7次)	1050.0			建议进液EC：2200， PH：5.6

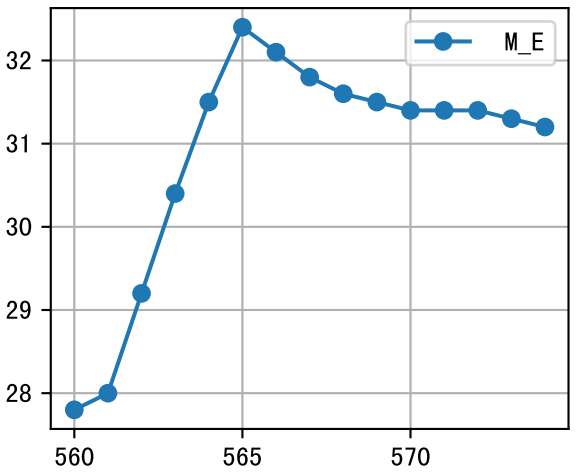
施肥机灌溉量与预期值不符 (184.0 : 147.0)，可能由于一阀多区不均匀
默认实际灌溉147.0 ml.
模型建议今天进液PH 5.6，由于施肥机不支持自动调控PH，请手动调整
进回液EC差(1727.0 vs 4603.0)过高
模型建议今天进液EC 2200.0

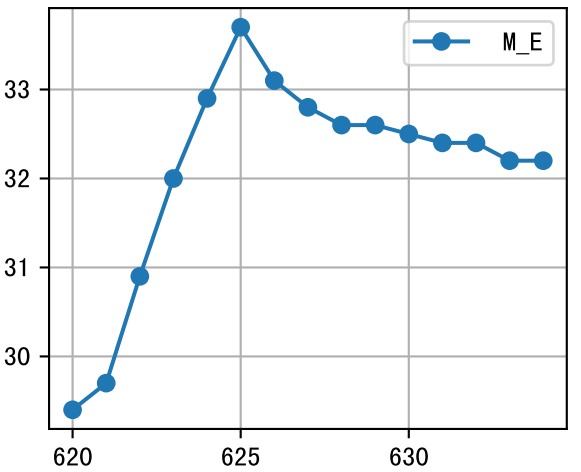
P3-15_0, Day=75 (2025-06-14)

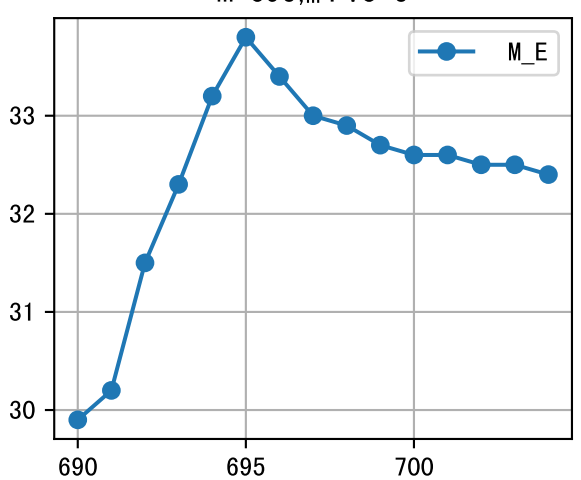


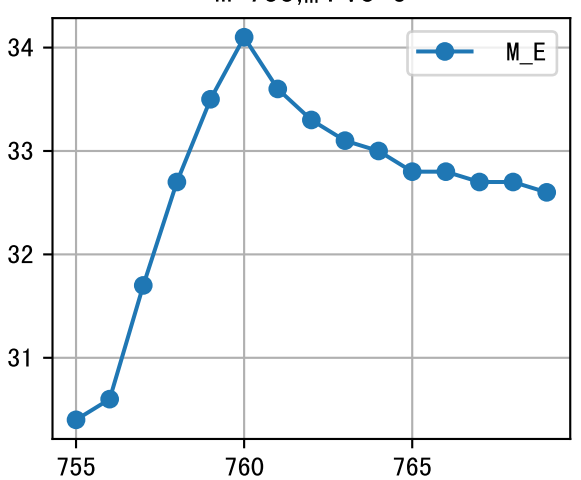

M_E

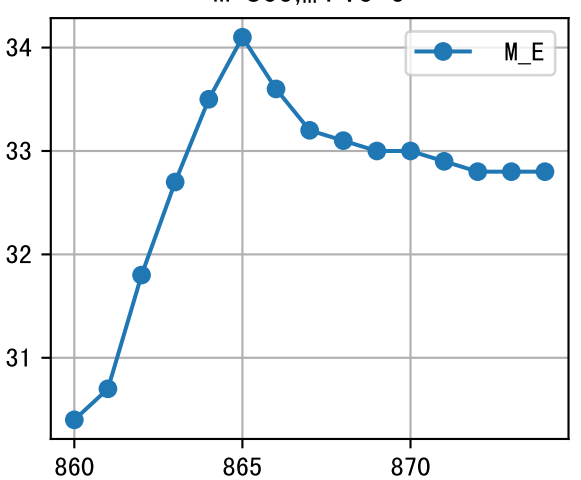

m=505, FV0=0
M_E

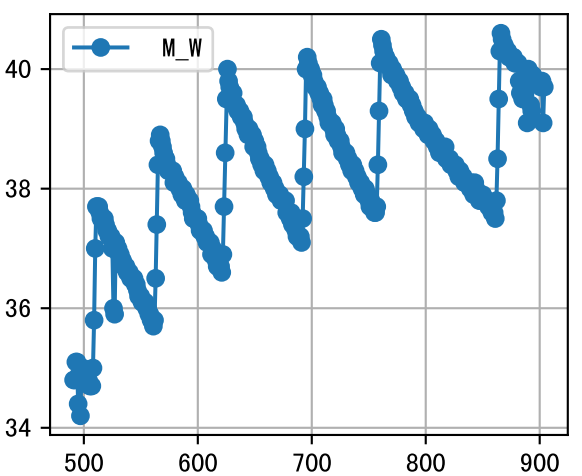

m=560, FV0=0
M_E

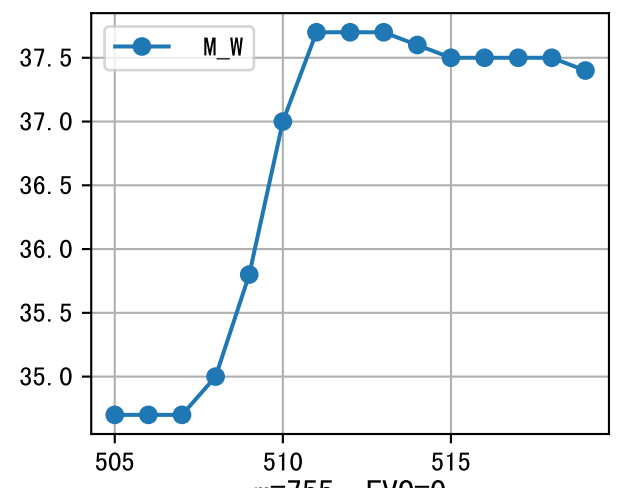

m=620, FV0=0
M_E

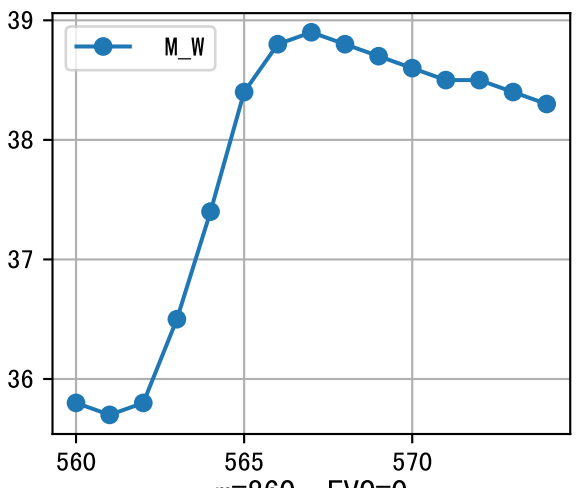

m=690,m FV0=0
M_E

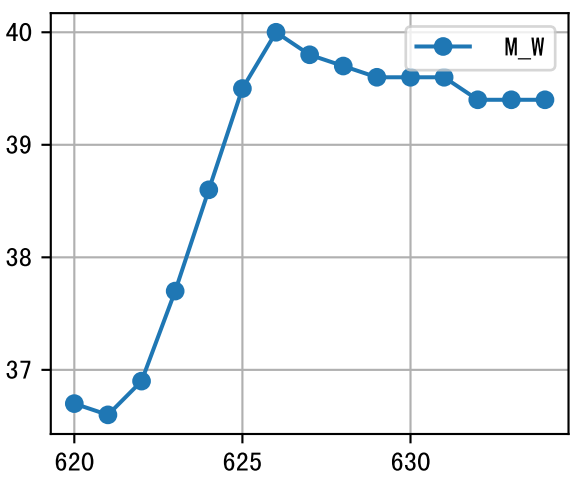

m=755,m FV0=0
M_E

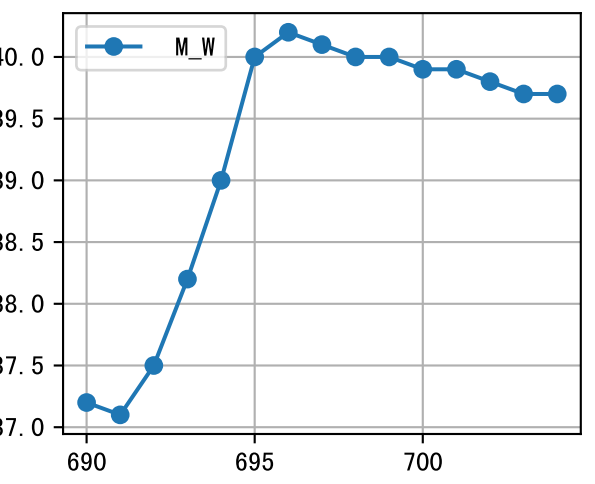

m=860,m FV0=0
M_E

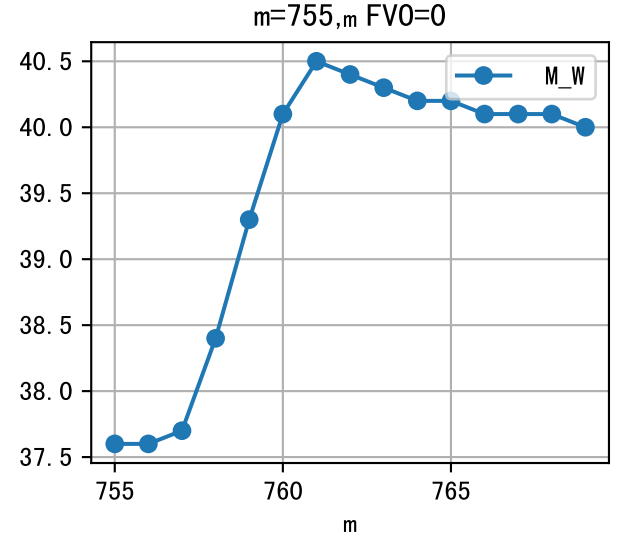

M_W

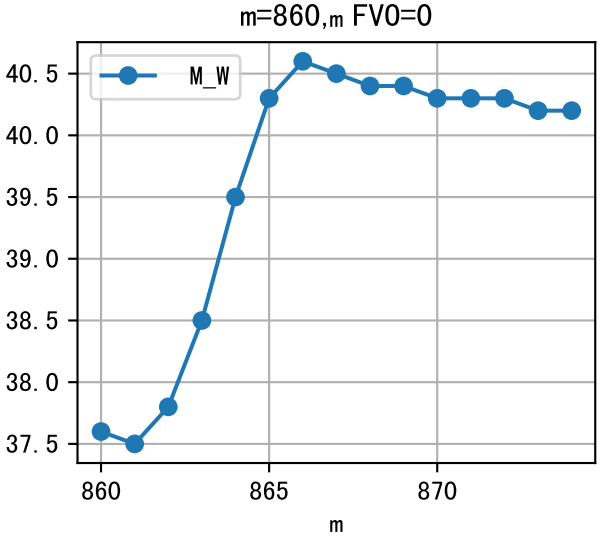

m=505,m FV0=0
M_W

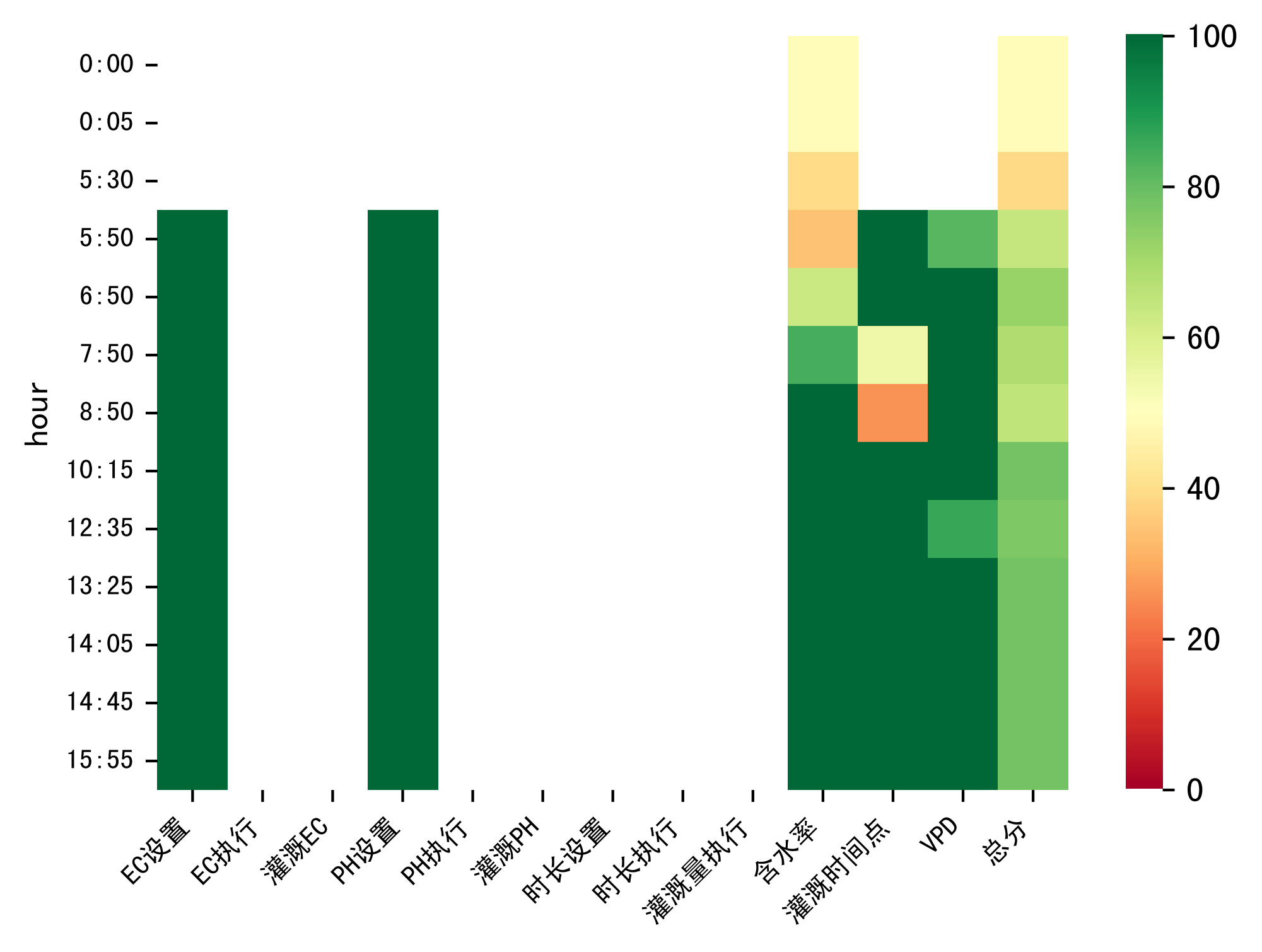

m=560,m FV0=0
M_W


m
M_W


m
M_W


m=755,m FV0=0
m
M_W

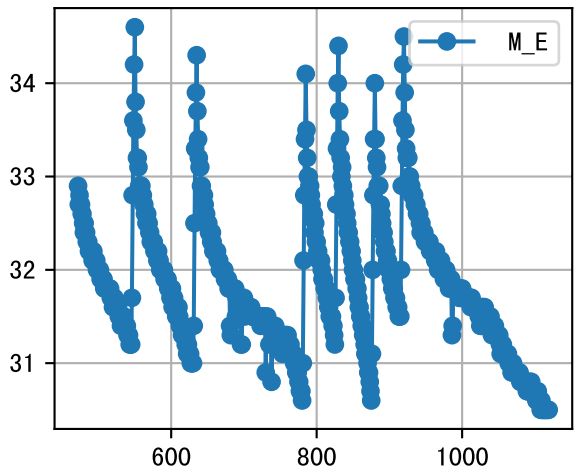

m=860,m FV0=0
m
M_W

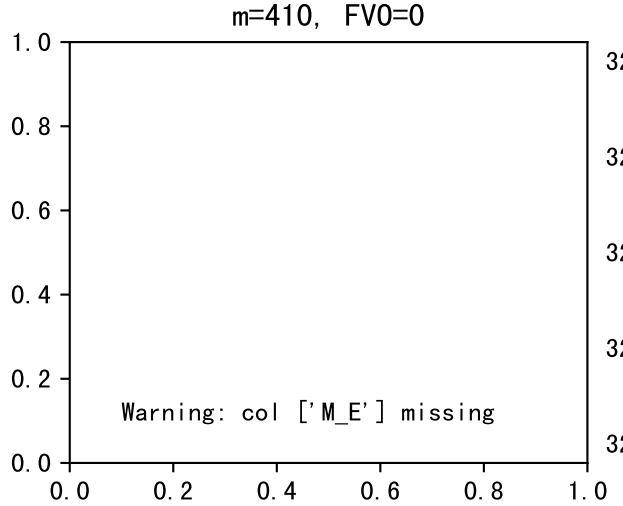

hour
0:00
0:05
5:30
5:50
6:50
7:50
8:50
10:15
12:35
13:25
14:05
14:45
15:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

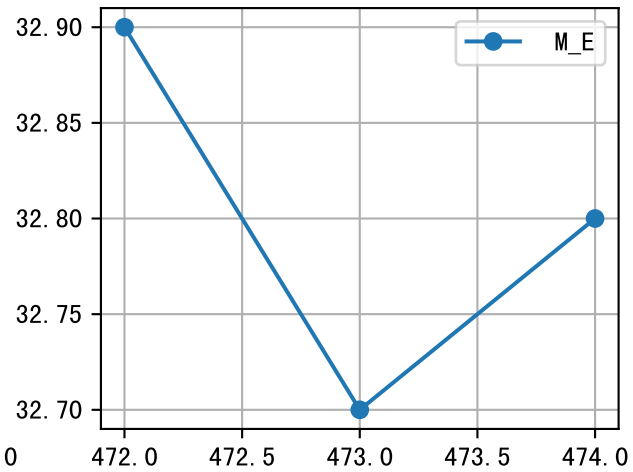
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
05:50	283	150.0	2.888	阴	假设@05:50 自动（未用传感器）
06:50	283	150.0	2.888	多云	假设@06:50 自动（未用传感器）
07:50	283	150.0	2.888	多云	假设@07:50 自动（未用传感器）
08:50	283	150.0	2.888	多云	假设@08:50 自动（未用传感器）
10:15	283	150.0	2.888	阴	假设@10:15 自动（未用传感器）
12:35	283	150.0	2.888	阴	假设@12:35 自动（未用传感器）
13:25	283	150.0	2.888	阴	假设@13:25 自动（未用传感器）
14:05	283	150.0	2.888	阴	假设@14:05 自动（未用传感器）
14:45	283	150.0	2.888	阴	假设@14:45 自动（未用传感器）
15:55	283	150.0	2.888	阴	假设@15:55 自动（未用传感器）
总计	2830.0 (10次)	1500.0			建议进液EC：2200， PH：5.6

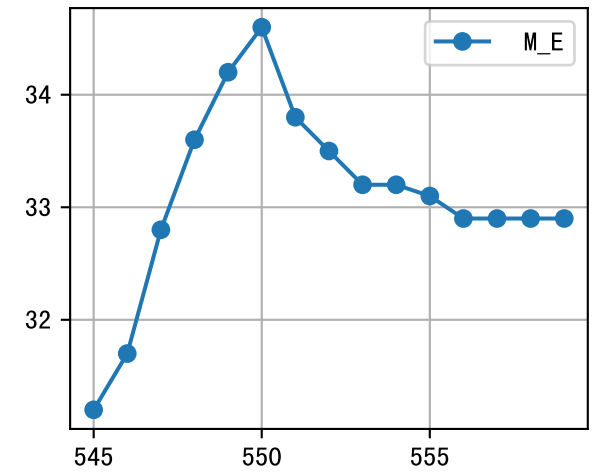
施肥机灌溉量与预期值不符 (184.0 : 147.0)，可能由于一阀多区不均匀
默认实际灌溉147.0 ml.
模型建议今天进液PH 5.6，由于施肥机不支持自动调控PH，请手动调整
进回液EC差(1760.0 vs 4987.0)过高
模型建议今天进液EC 2200.0

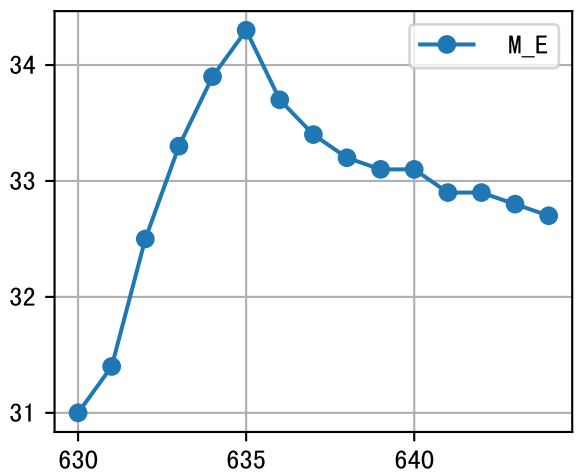
P3-15_0, Day=74 (2025-06-13)

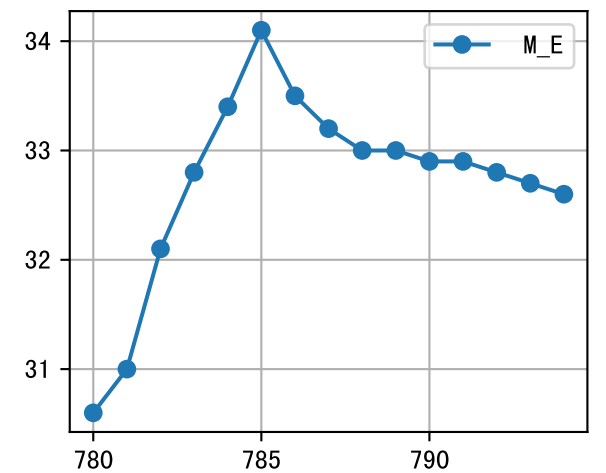

M_E
34
33
32
31
600
800
1000

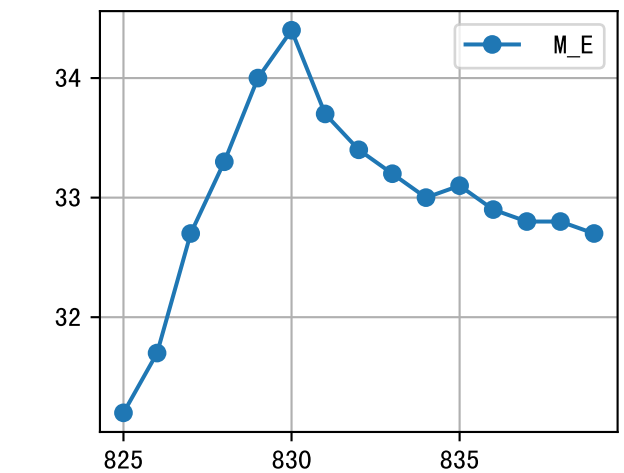

m=410, FV0=0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_E'] missing
0.0
0.2
0.4
0.6
0.8
1.0

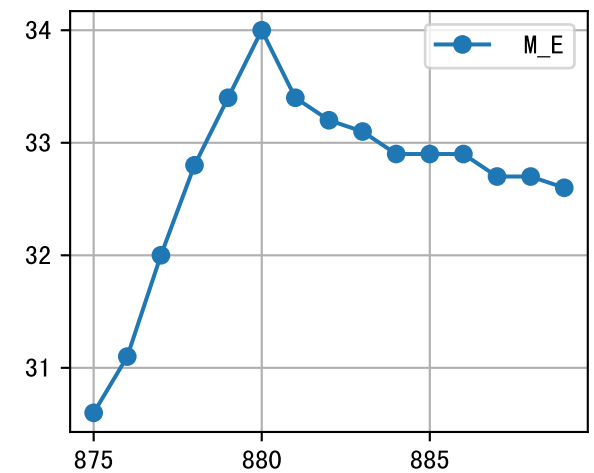

m=460, FV0=0
M_E
32.90
32.85
32.80
32.75
32.70
472.0
472.5
473.0
473.5
474.0

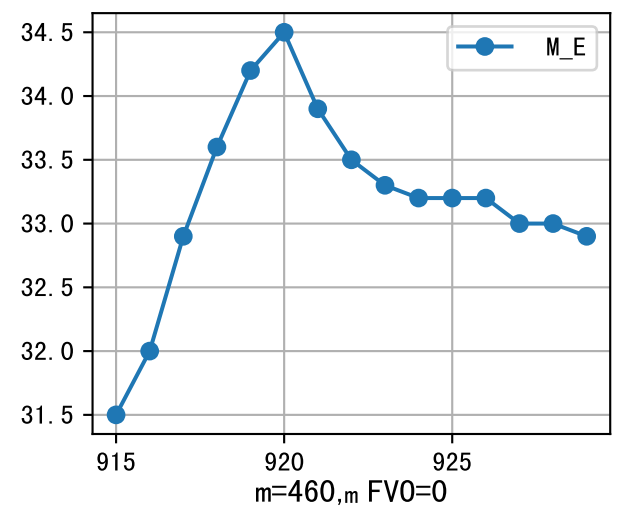

m=545, FV0=0
M_E
34
33
32
545
550
555

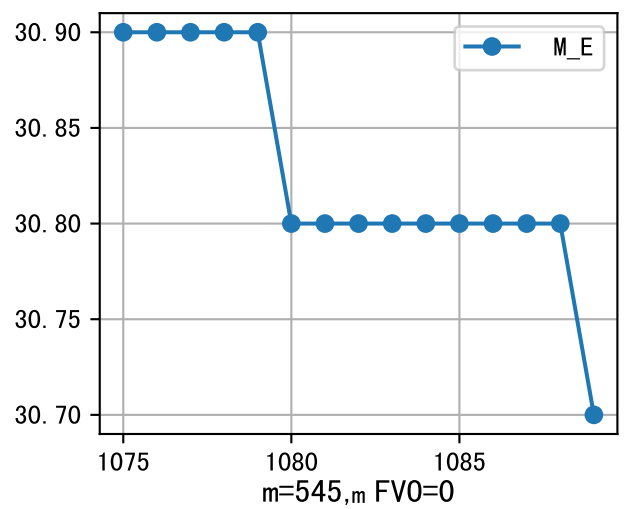

m=630,m FV0=0
M_E
34
33
32
31
630
635
640

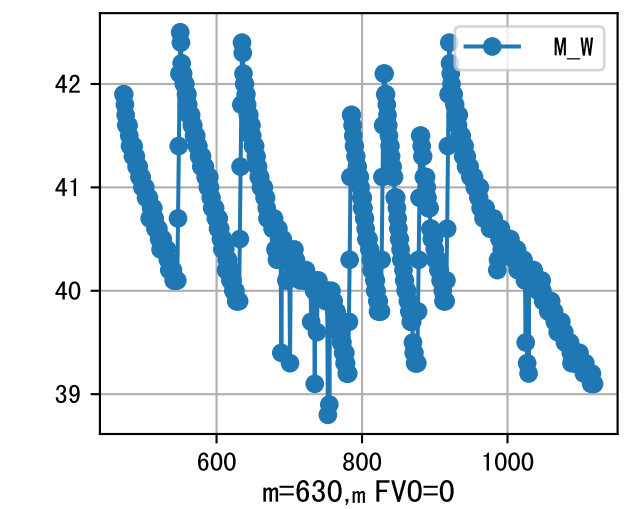

m=780, FV0=0
M_E
34
33
32
31
780
785
790

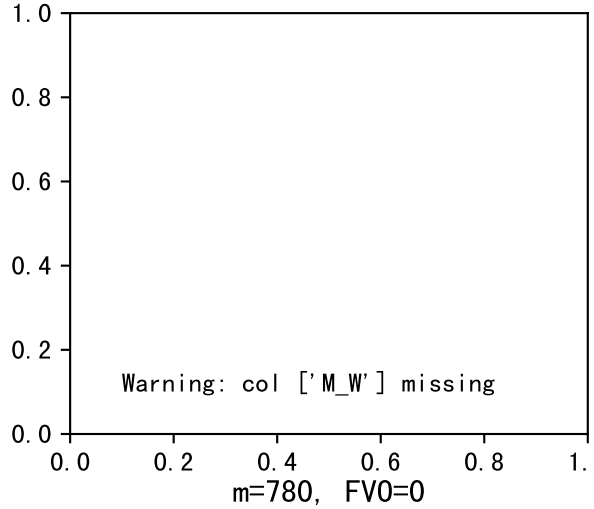

m=825,m FV0=0
M_E
34
33
32
m

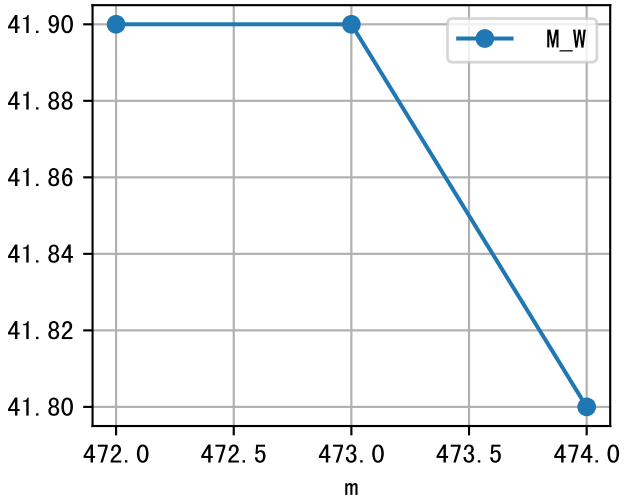

m=875,m FV0=0
M_E
34
33
32
31
875
880
885

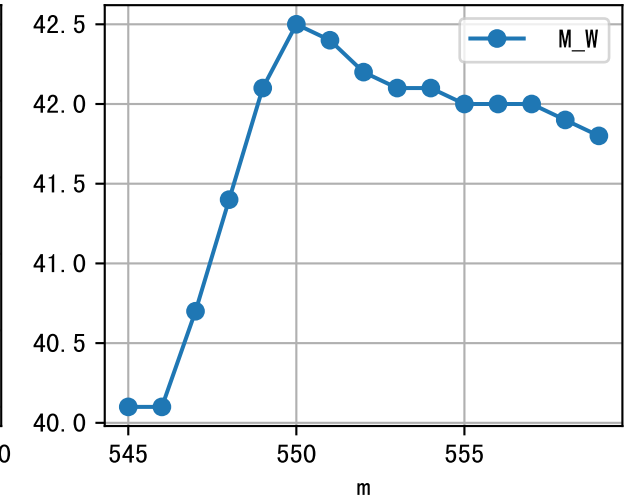

M_E
34.5
34.0
33.5
33.0
32.5
32.0
31.5
915
920
925
m=915,m FV0=0

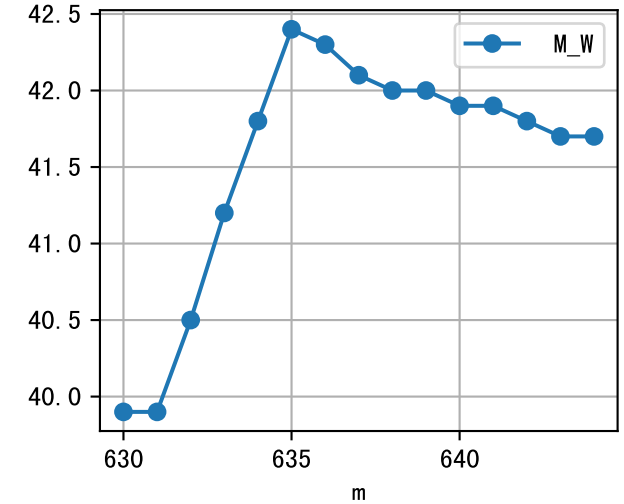

M_E
30.90
30.85
30.80
30.75
30.70
1075
1080
1085
m=1075m FV0=0

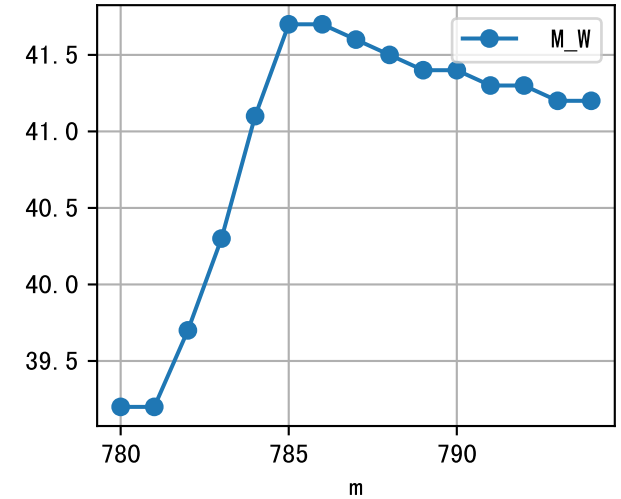

M_W
42
41
40
39
600
800
1000
m=460,m FV0=0

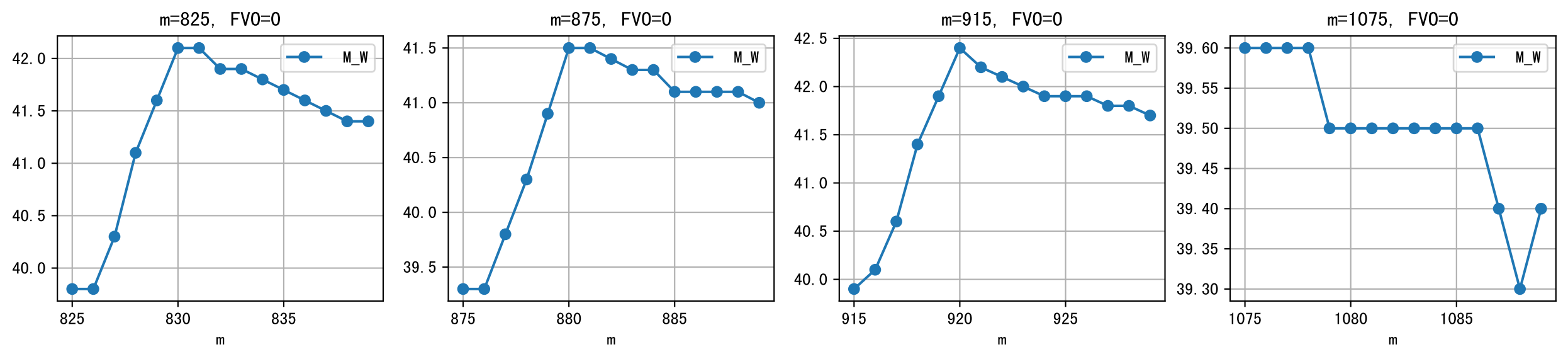

1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_W'] missing
0.0
0.2
0.4
0.6
0.8
1.0
m=545,m FV0=0

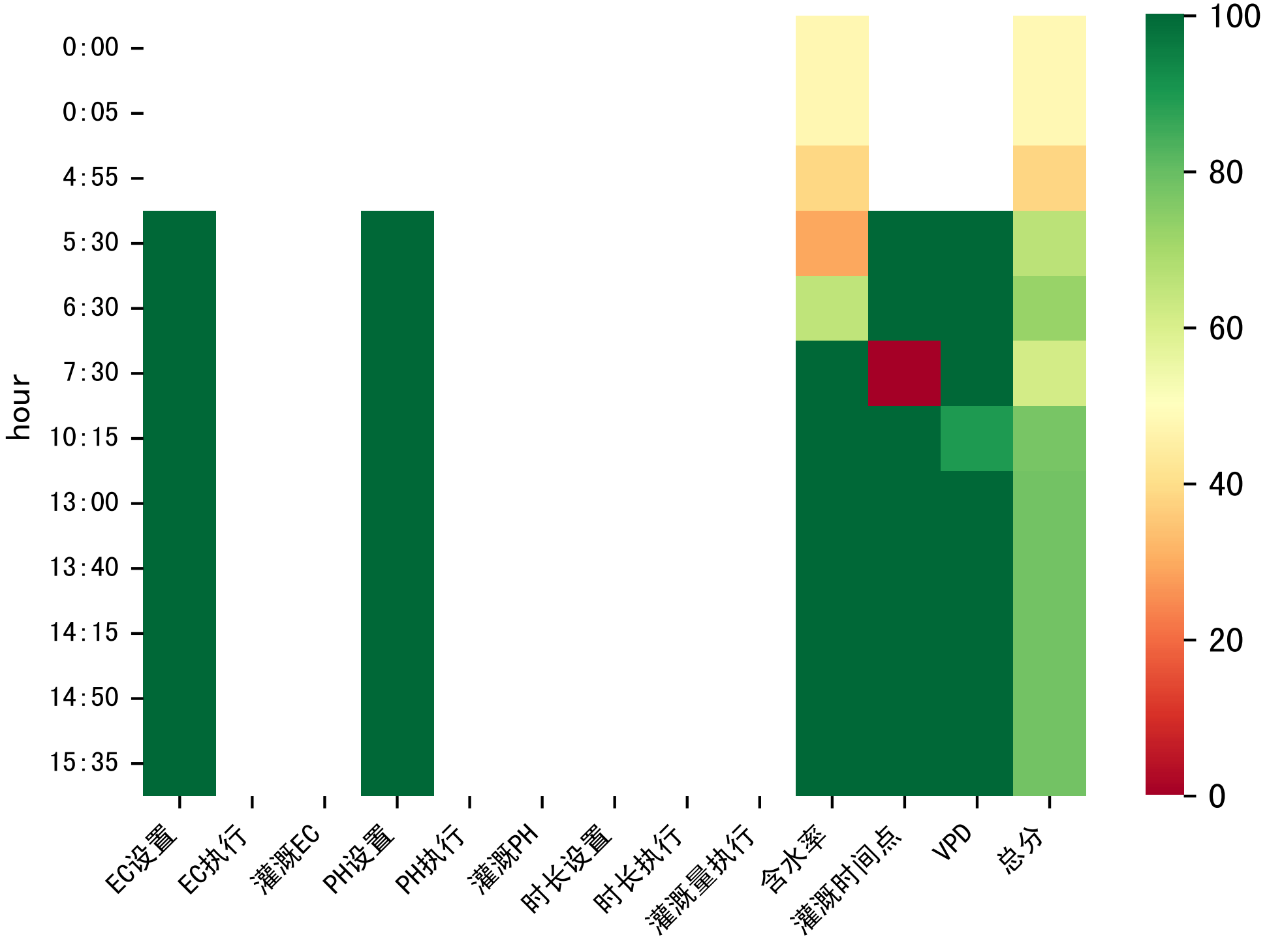

M_W
41.90
41.88
41.86
41.84
41.82
41.80
472.0
472.5
473.0
473.5
474.0
m


M_W
42.5
42.0
41.5
41.0
40.5
40.0
545
550
555
m


M_W
42.5
42.0
41.5
41.0
40.5
40.0
630
635
640
m
m=630,m FV0=0


M_W
41.5
41.0
40.5
40.0
39.5
780
785
790
m
m=780, FV0=0

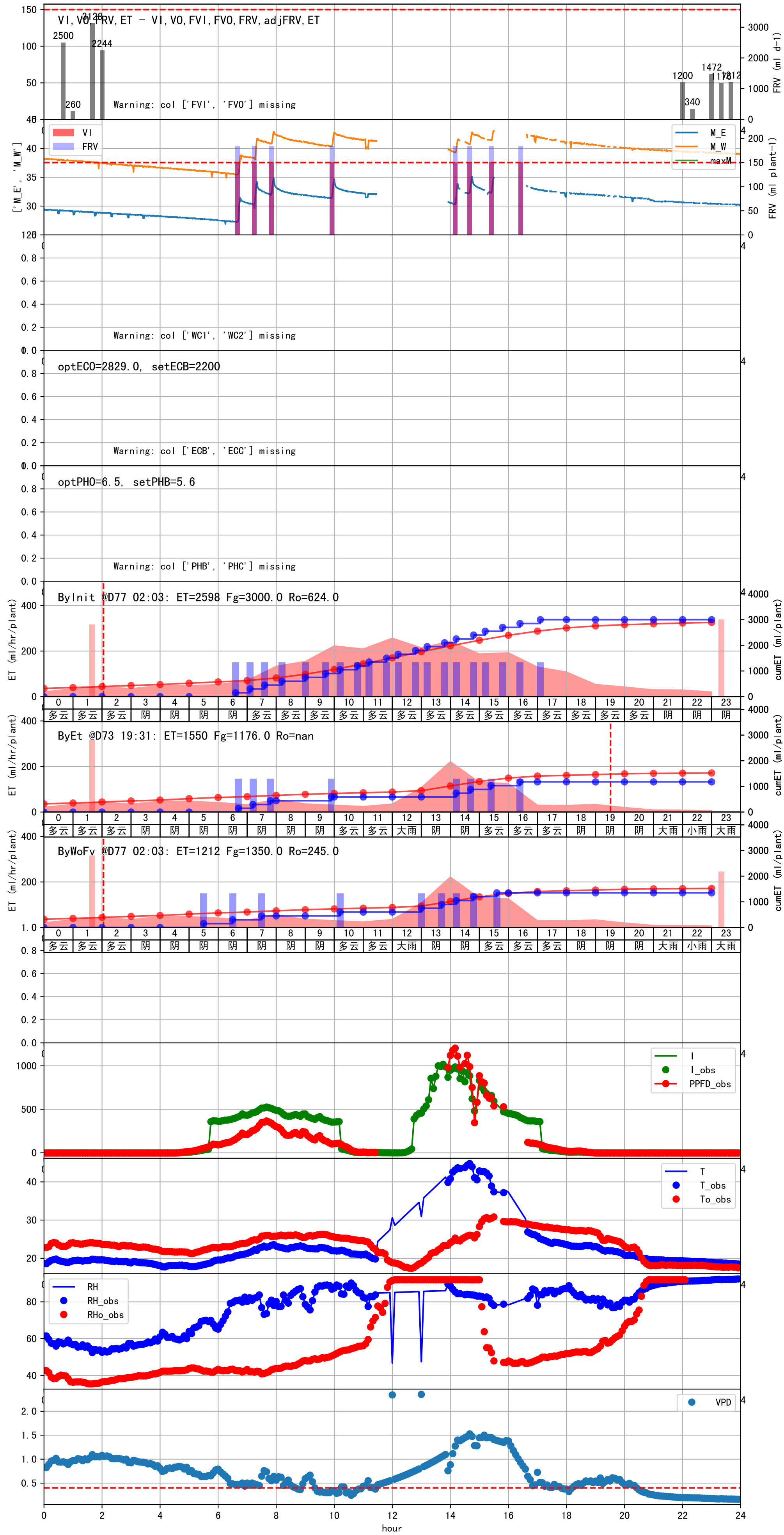

m=825, FV0=0
M_W
42.0
41.5
41.0
40.5
40.0
825
830
835
m
m=875, FV0=0
M_W
41.5
41.0
40.5
40.0
39.5
875
880
885
m
m=915, FV0=0
M_W
42.5
42.0
41.5
41.0
40.5
40.0
915
920
925
m
m=1075, FV0=0
M_W
39.60
39.55
39.50
39.45
39.40
39.35
39.30
1075
1080
1085
m

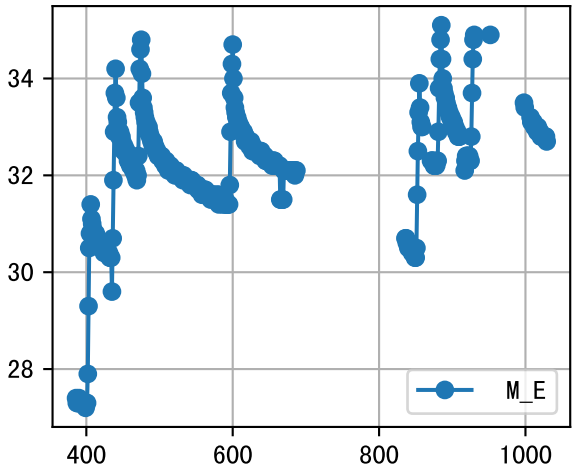

hour
0:00
0:05
4:55
5:30
6:30
7:30
10:15
13:00
13:40
14:15
14:50
15:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

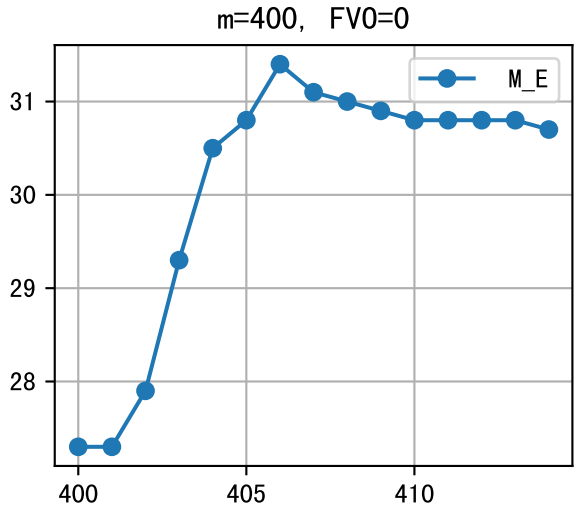
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
05:30	283	150.0	2.888	阴	假设@05:30 自动（未用传感器）
06:30	283	150.0	2.888	阴	假设@06:30 自动（未用传感器）
07:30	283	150.0	2.888	阴	假设@07:30 自动（未用传感器）
10:15	283	150.0	2.888	多云	假设@10:15 自动（未用传感器）
13:00	283	150.0	2.888	阴	假设@13:00 自动（未用传感器）
13:40	283	150.0	2.888	阴	假设@13:40 自动（未用传感器）
14:15	283	150.0	2.888	阴	假设@14:15 自动（未用传感器）
14:50	283	150.0	2.888	阴	假设@14:50 自动（未用传感器）
15:35	283	150.0	2.888	多云	假设@15:35 自动（未用传感器）
总计	2547.0 (9次)	1350.0			建议进液EC：2200， PH：5.6

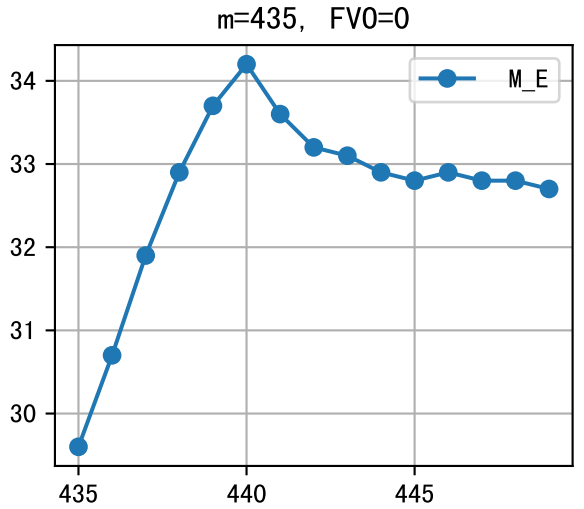
施肥机灌溉量与预期值不符 (184.0 : 147.0)，可能由于一阀多区不均匀
默认实际灌溉147.0 ml.
large discrepency for begining water status (316:21.0), set to 316 ml.
模型建议今天进液PH 5.6，由于施肥机不支持自动调控PH，请手动调整
进回液EC差(1803.0 vs 5297.0)过高
模型建议今天进液EC 2200.0

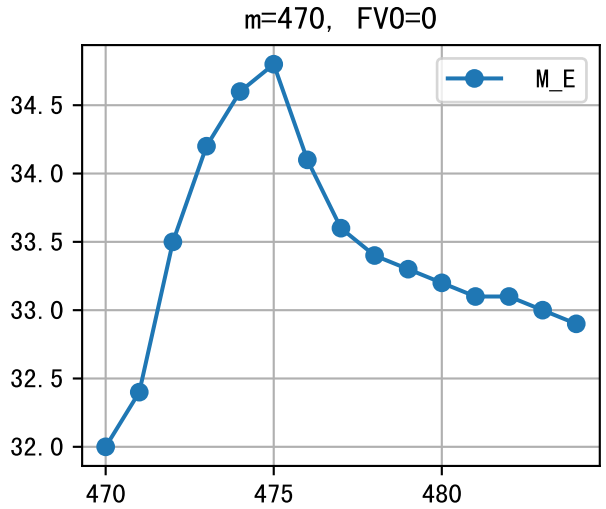
P3-15_0, Day=73 (2025-06-12)

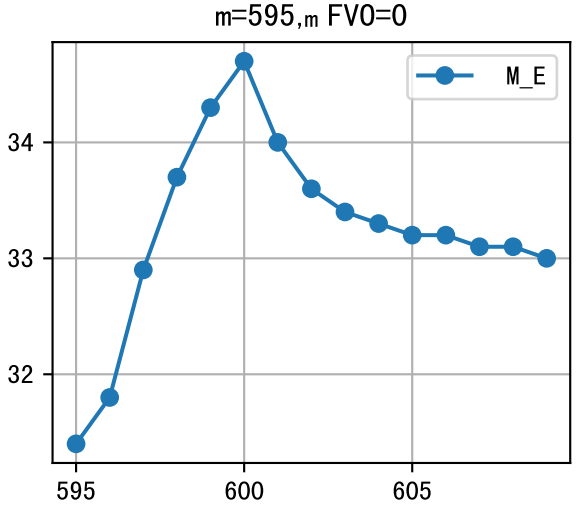


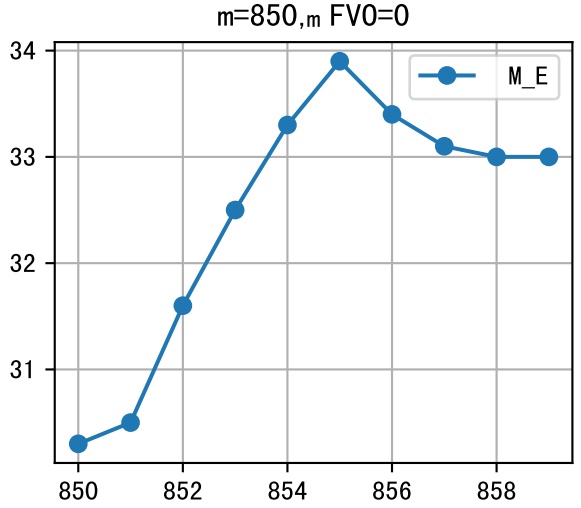

M_E

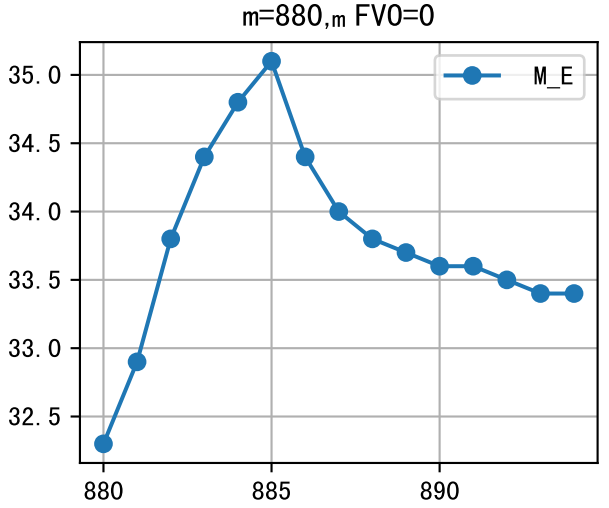

m=400, FV0=0
M_E
m

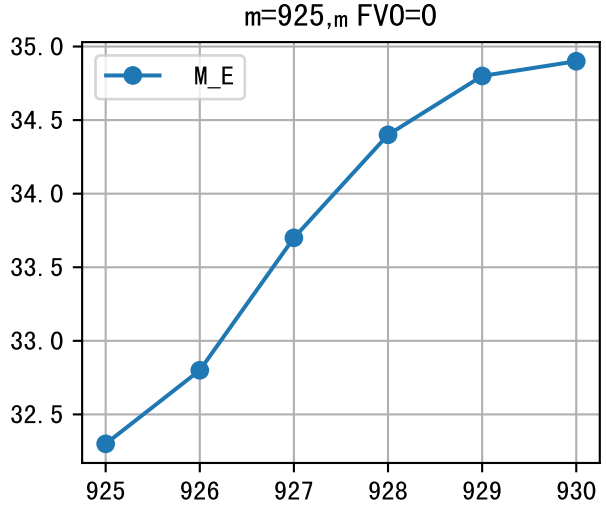

m=435, FV0=0
M_E
m

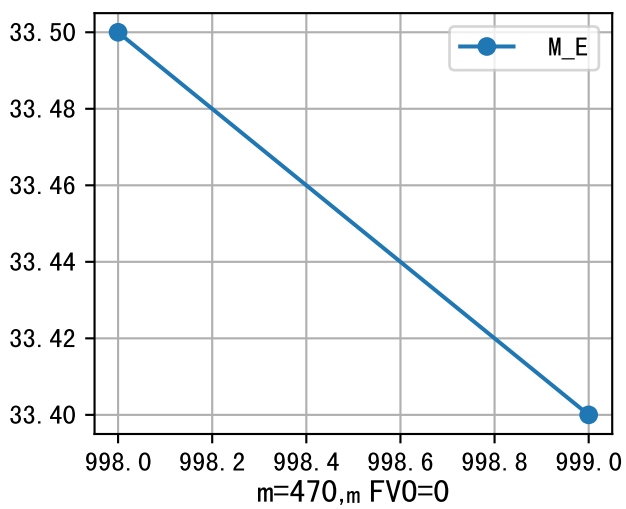

m=470, FV0=0
M_E
m

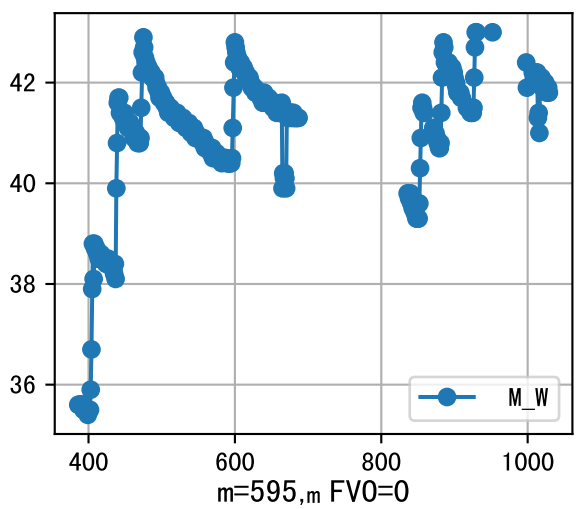

m=595,m FV0=0
M_E
m

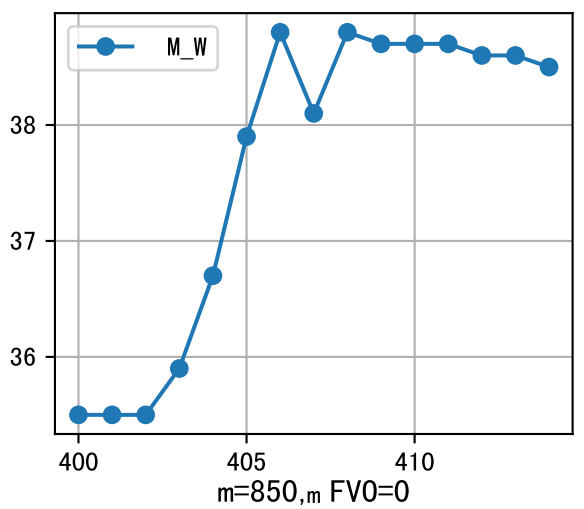

m=850,m FV0=0
M_E
m

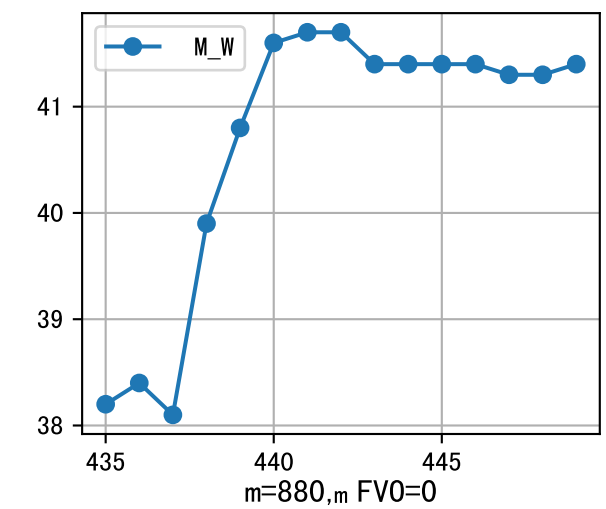

m=880,m FV0=0
M_E
m

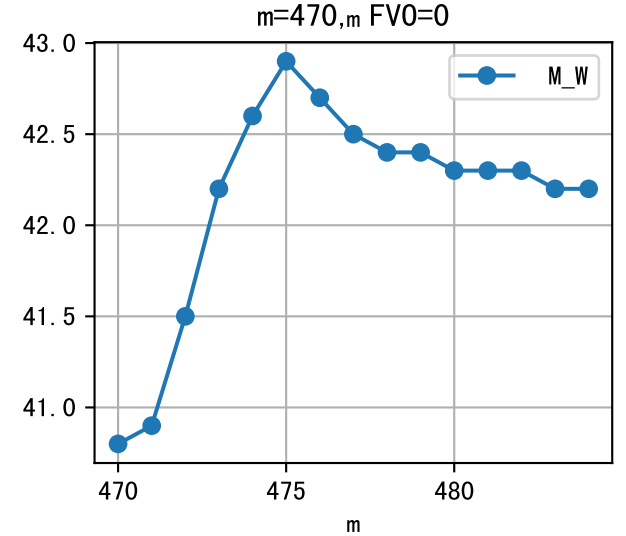

m=925,m FV0=0
M_E
m

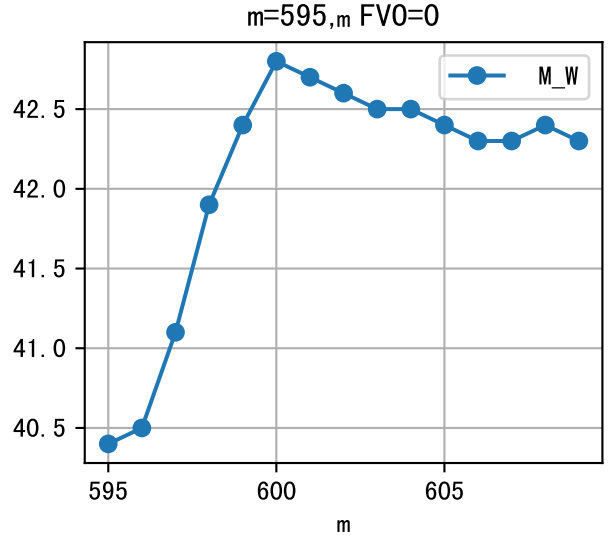

M_E
m=985,m FV0=0

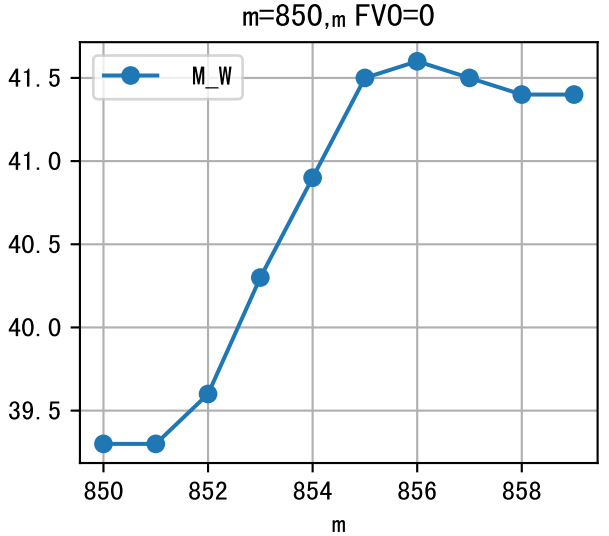

M_W
m=470,m FV0=0

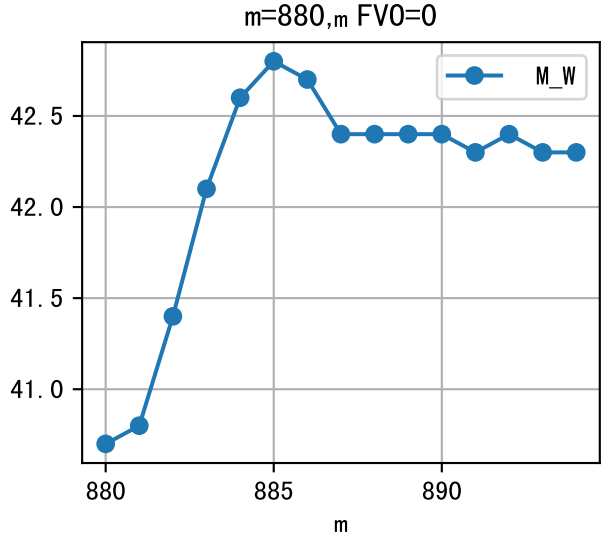

M_W
m=595,m FV0=0

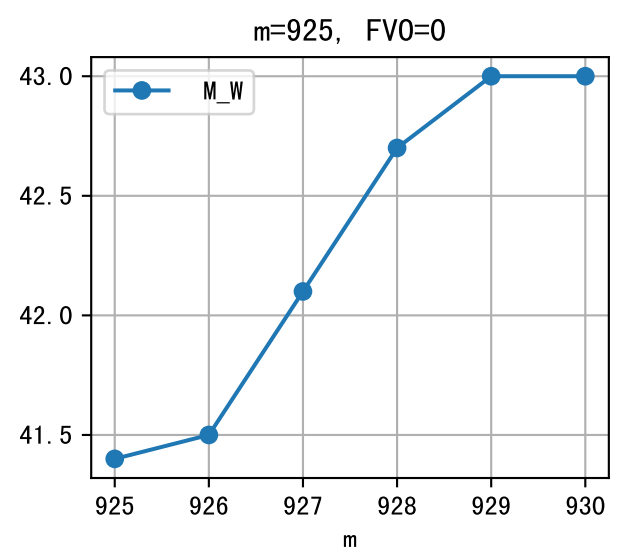

M_W
m=850,m FV0=0

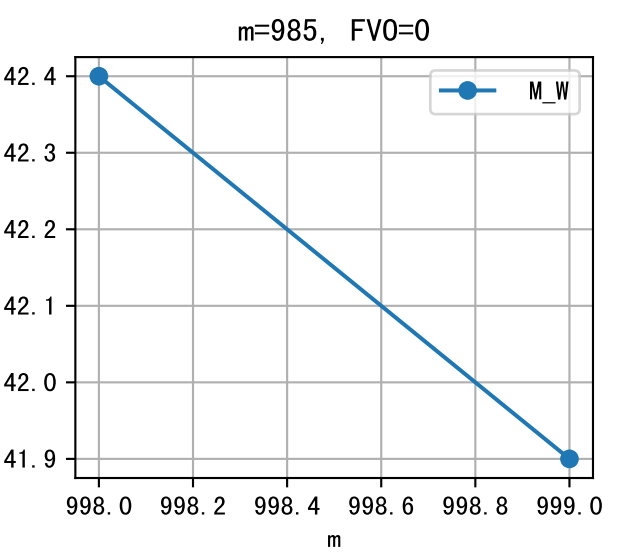

M_W
m=880,m FV0=0
m


M_W
m


M_W
m


M_W
m


m=925, FV0=0
M_W
43.0
42.5
42.0
41.5
925
926
927
928
929
930
m


m=985, FV0=0
M_W
42.4
42.3
42.2
42.1
42.0
41.9
998.0
998.2
998.4
998.6
998.8
999.0
m