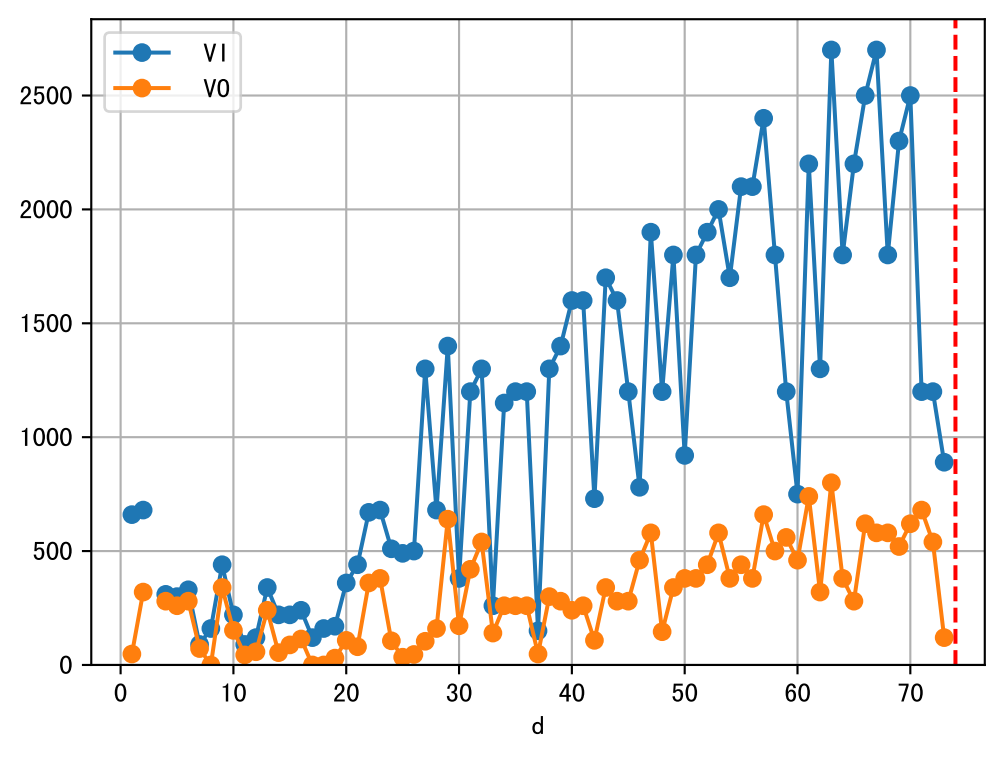
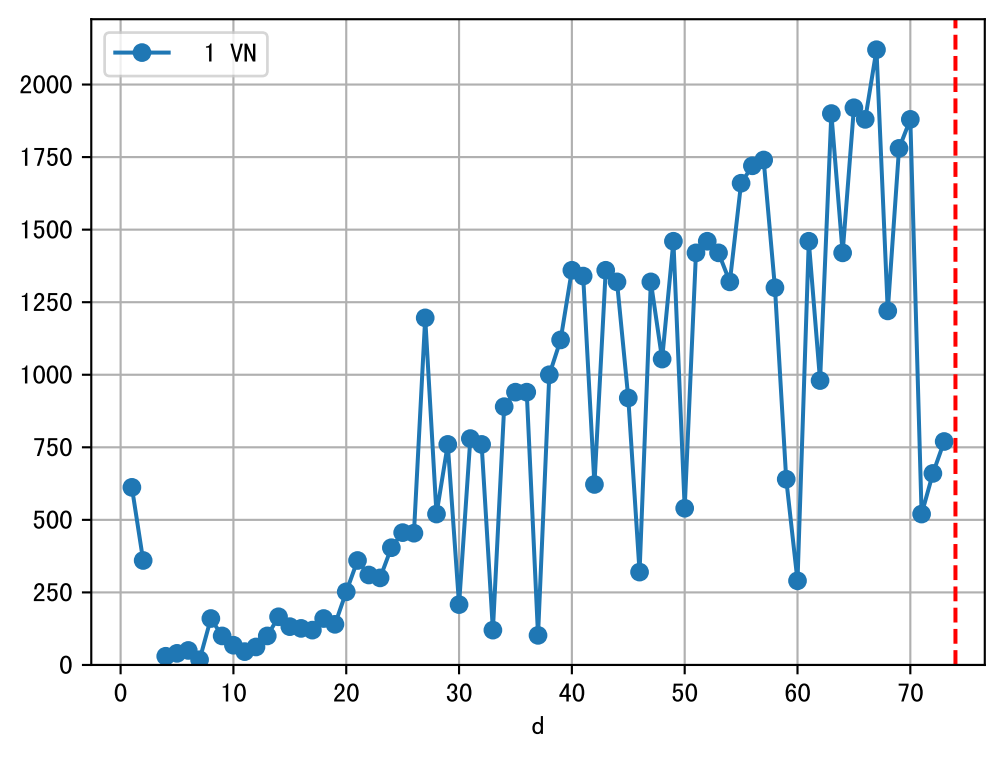
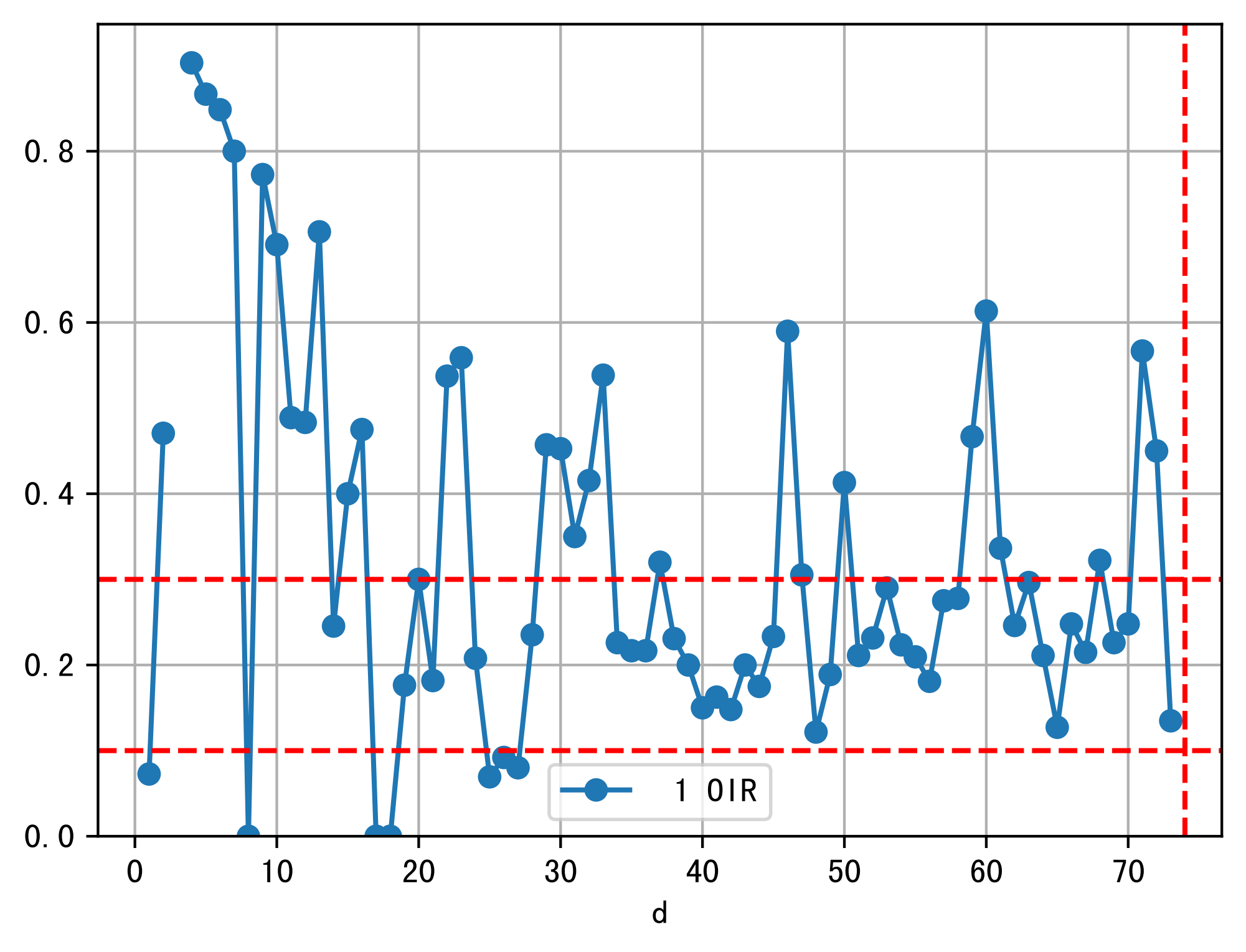
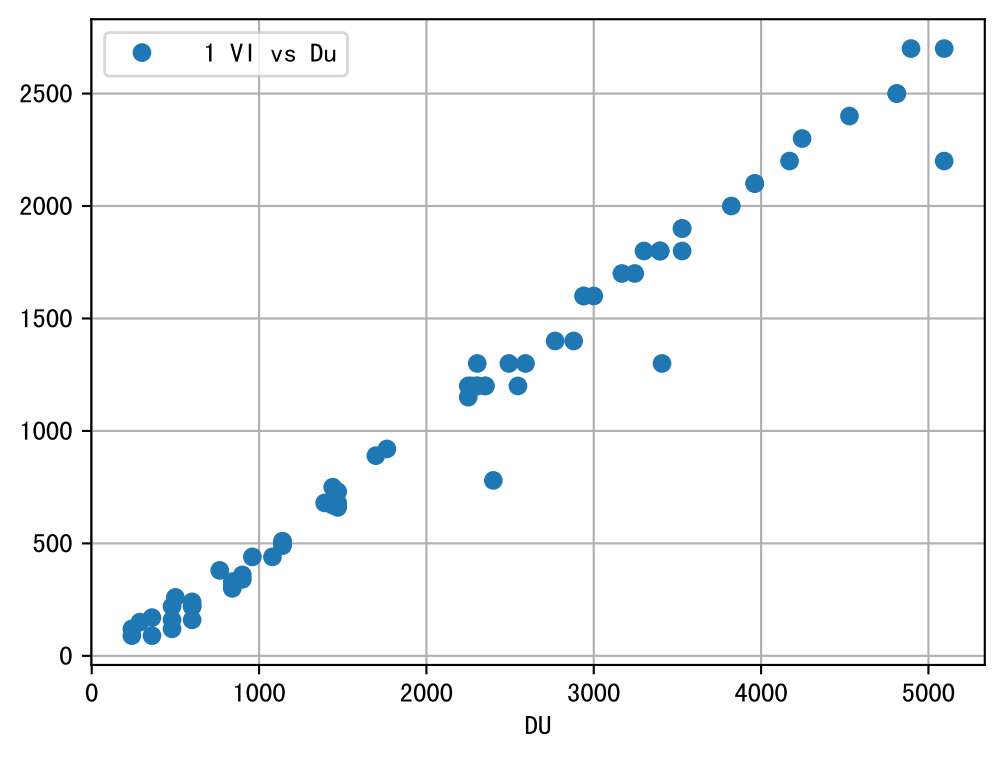
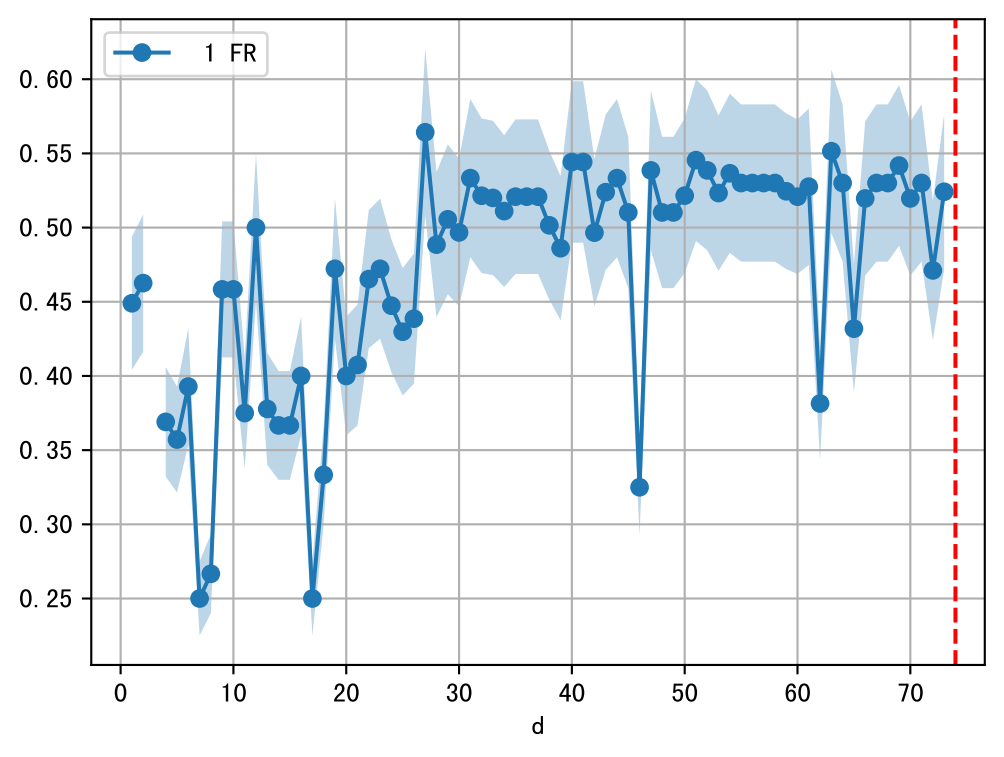
FgArea: ['0']
NC11 P3-11
2025-06-15 (Day 74)

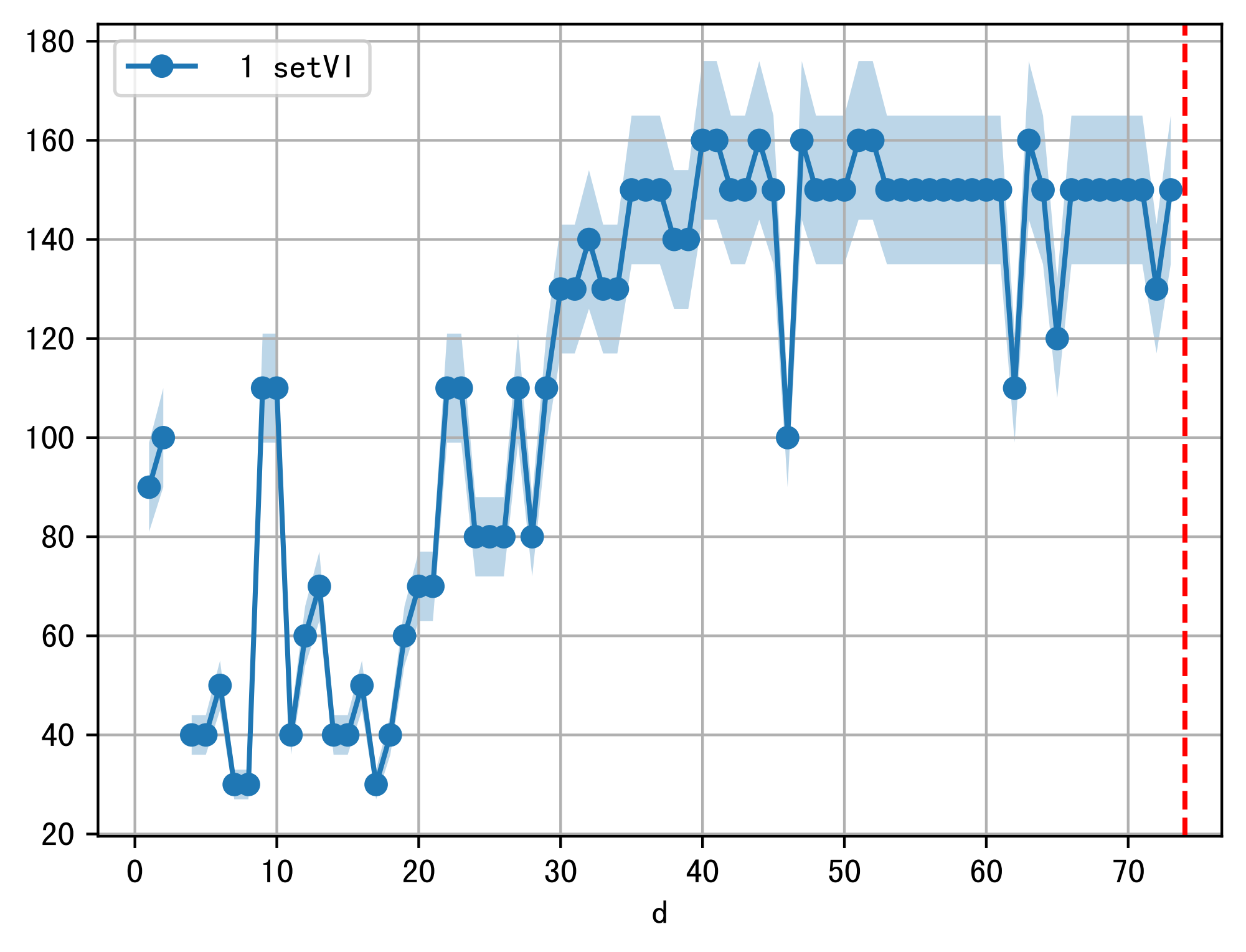

VI
V0
2500
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
d

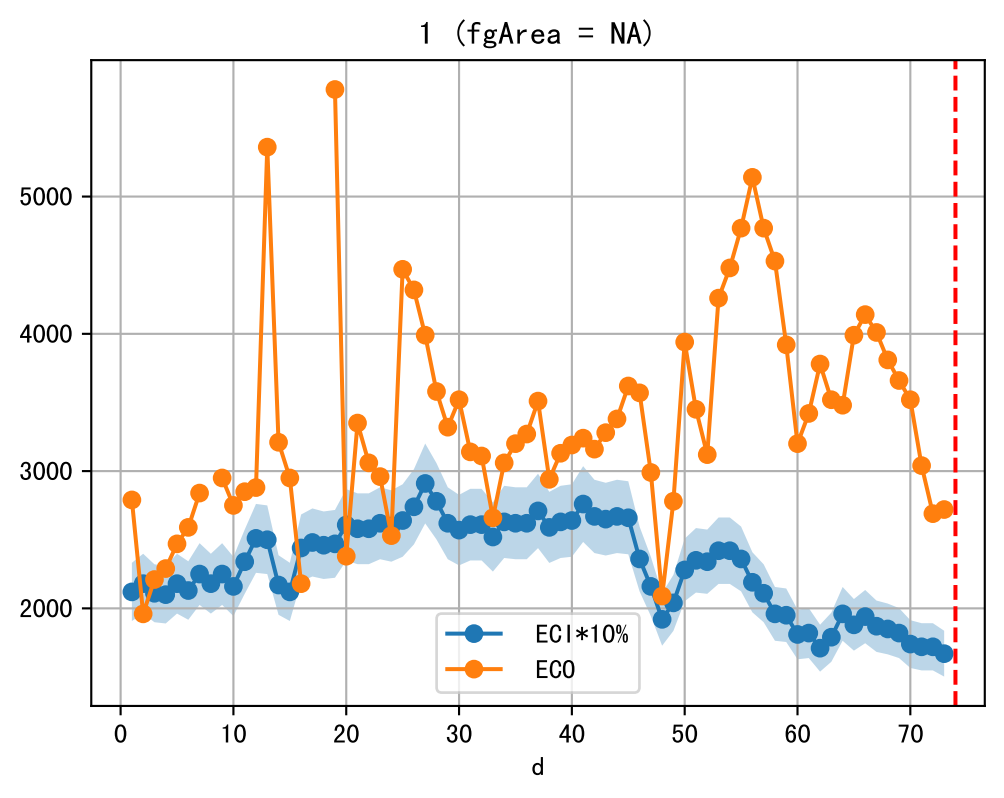

1 VN
2000
1750
1500
1250
1000
750
500
250
0
0
10
20
30
40
50
60
70
d

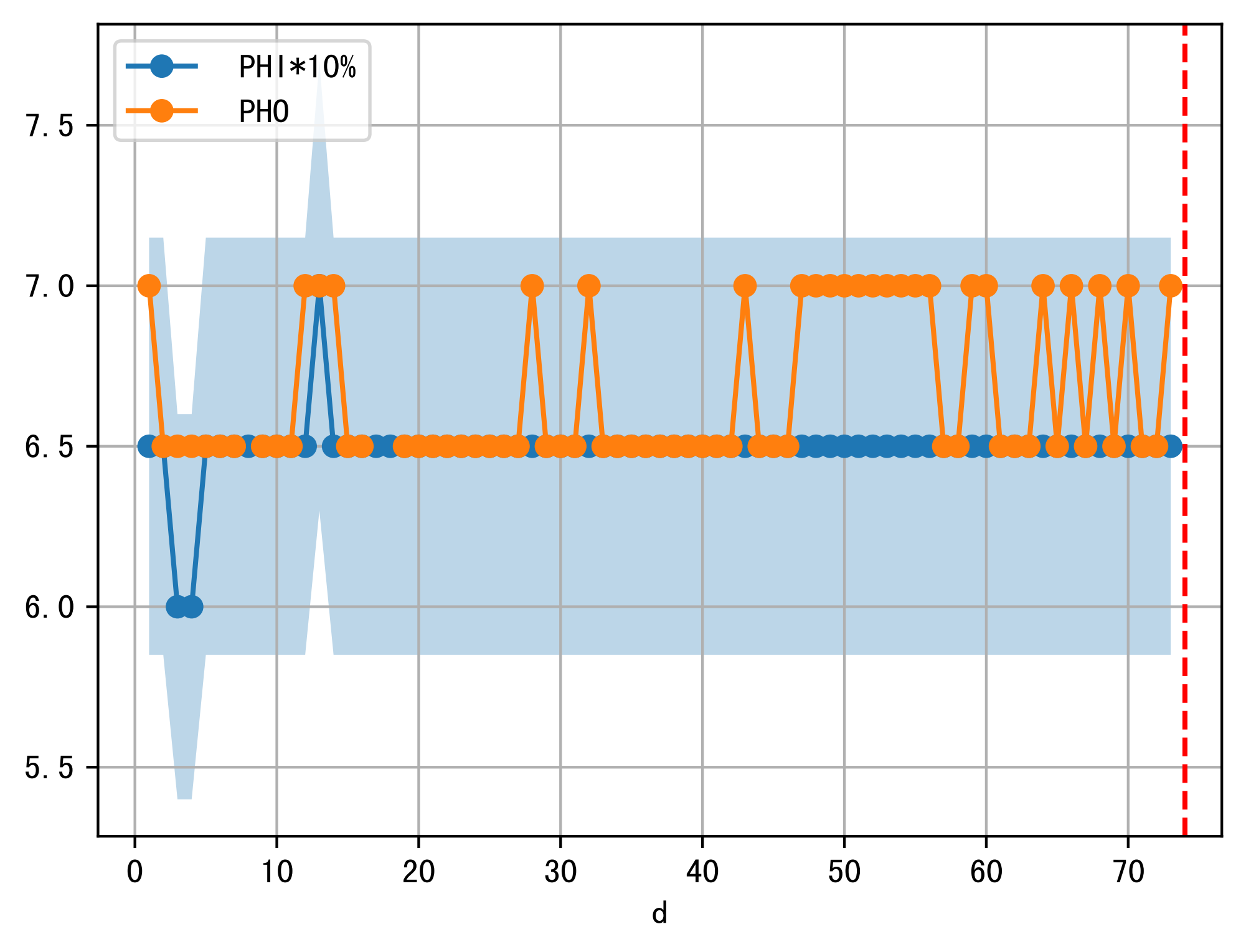

0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
70
d
1 0IR

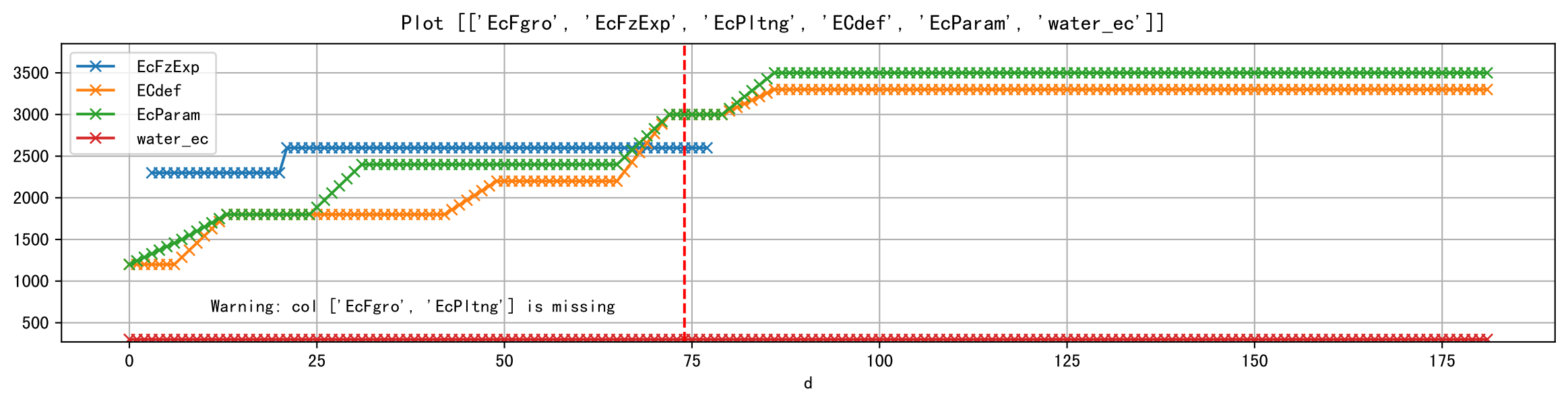

1 VI vs Du
2500
2000
1500
1000
500
0
0
1000
2000
3000
4000
5000
DU

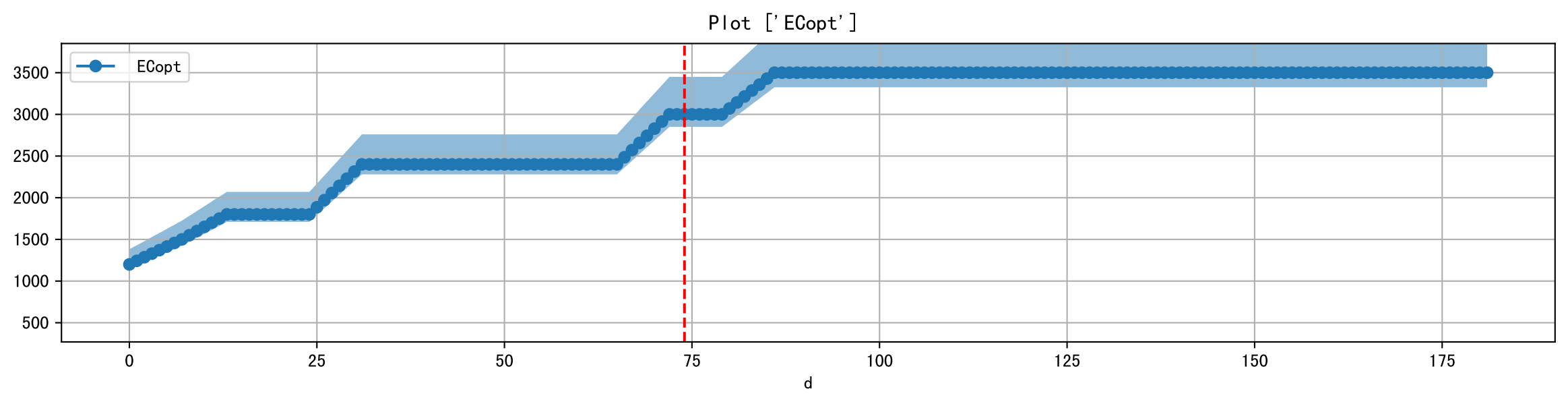

1 FR
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0
10
20
30
40
50
60
70
d


1 setVI
180
160
140
120
100
80
60
40
20
0
10
20
30
40
50
60
70
d


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

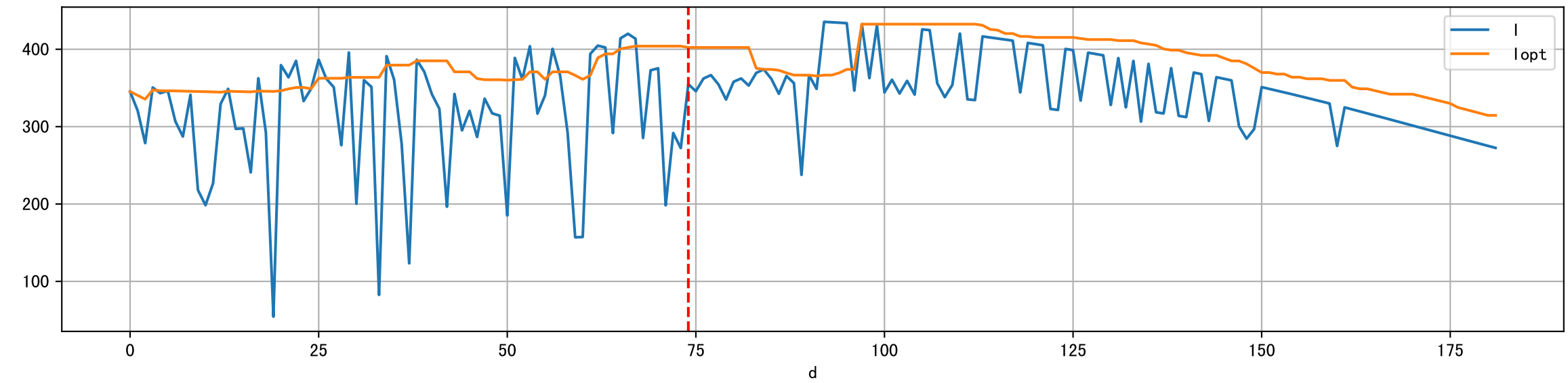

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
10
20
30
40
50
60
70
d

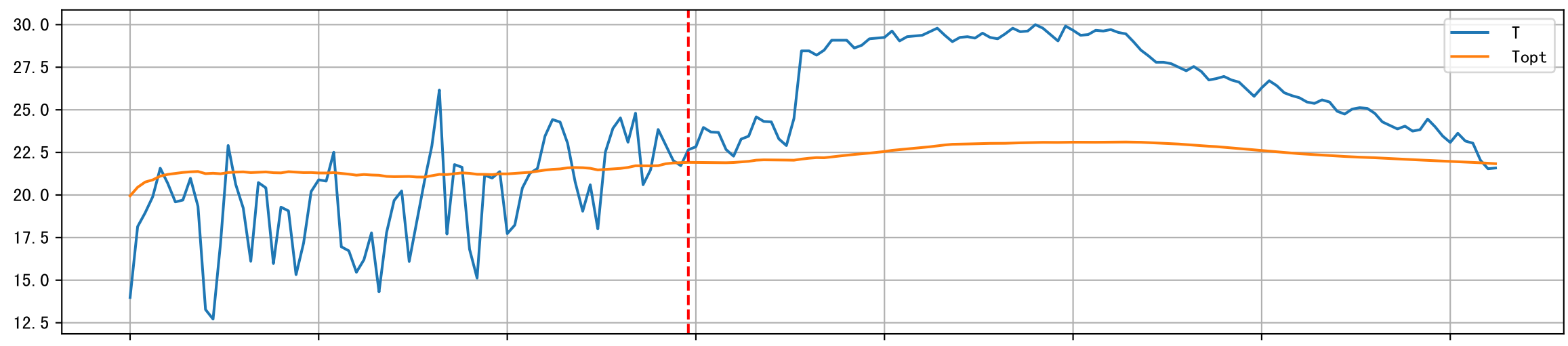

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

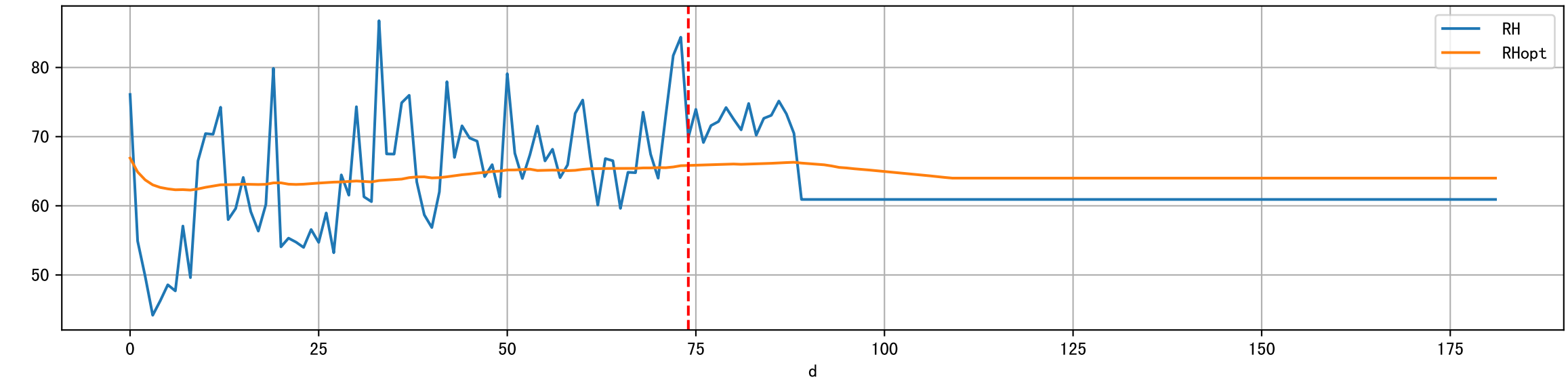

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

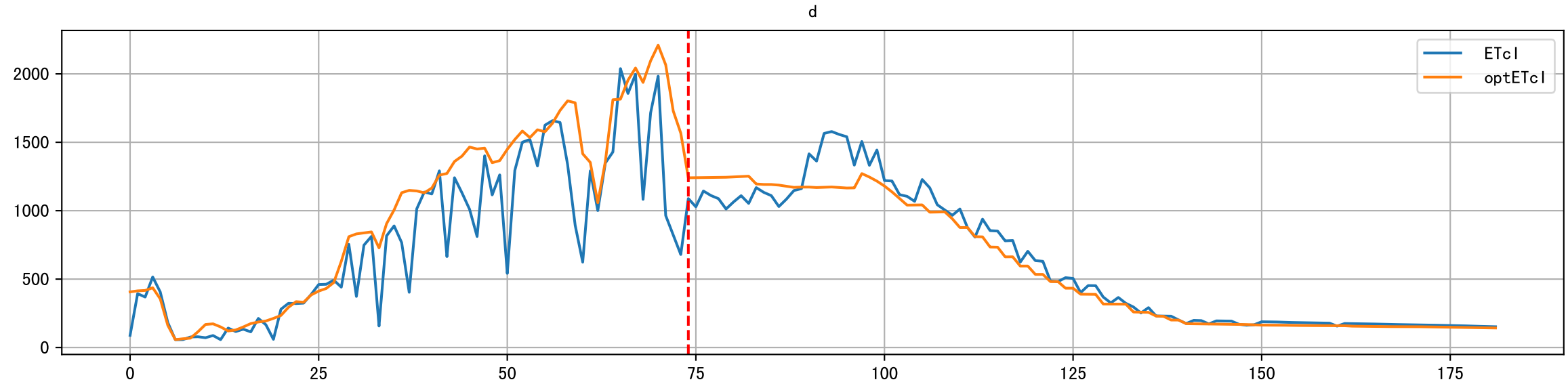
Plot Sensor and FgRec Data

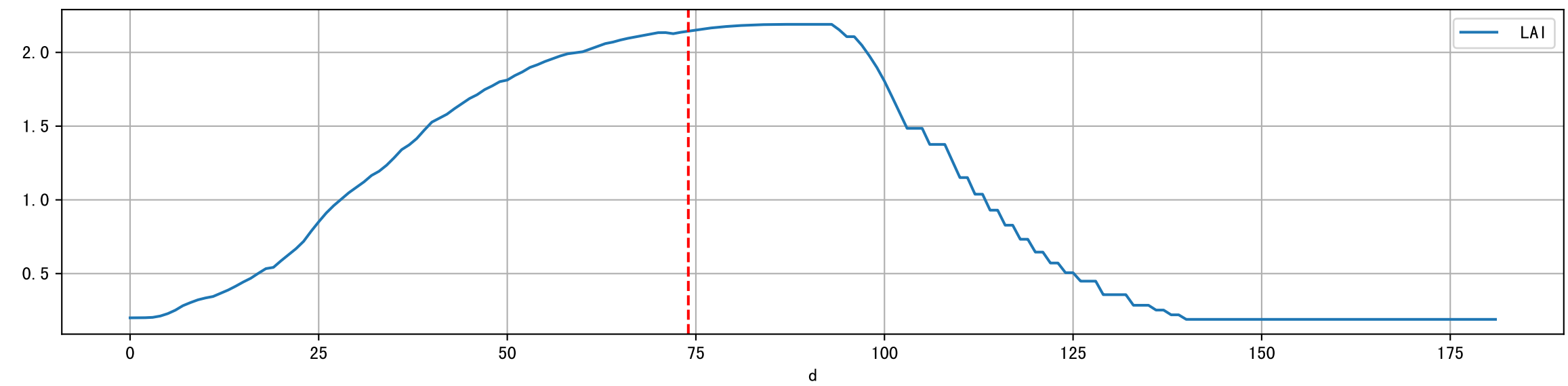
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

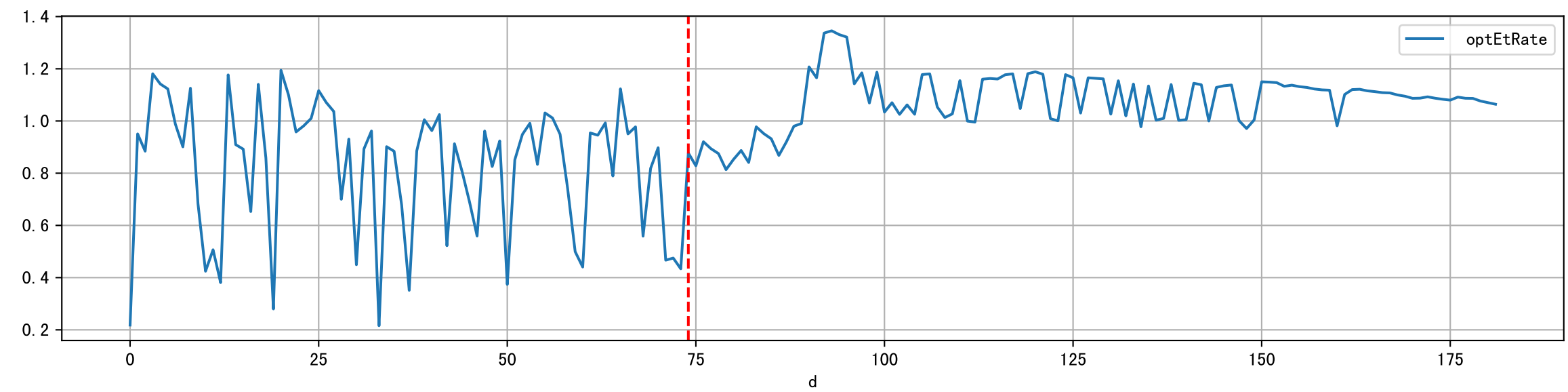


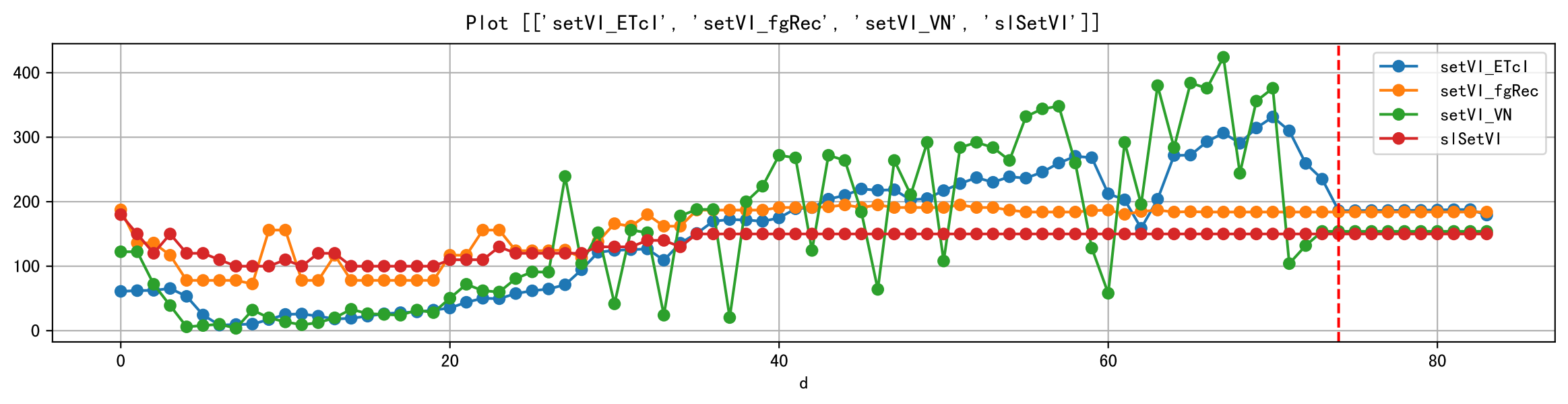



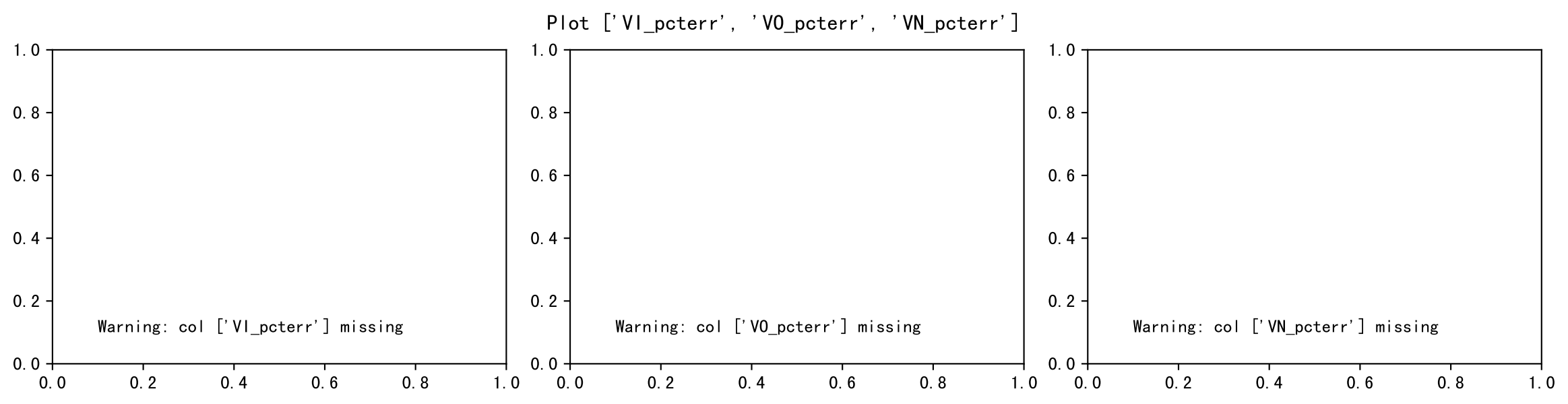



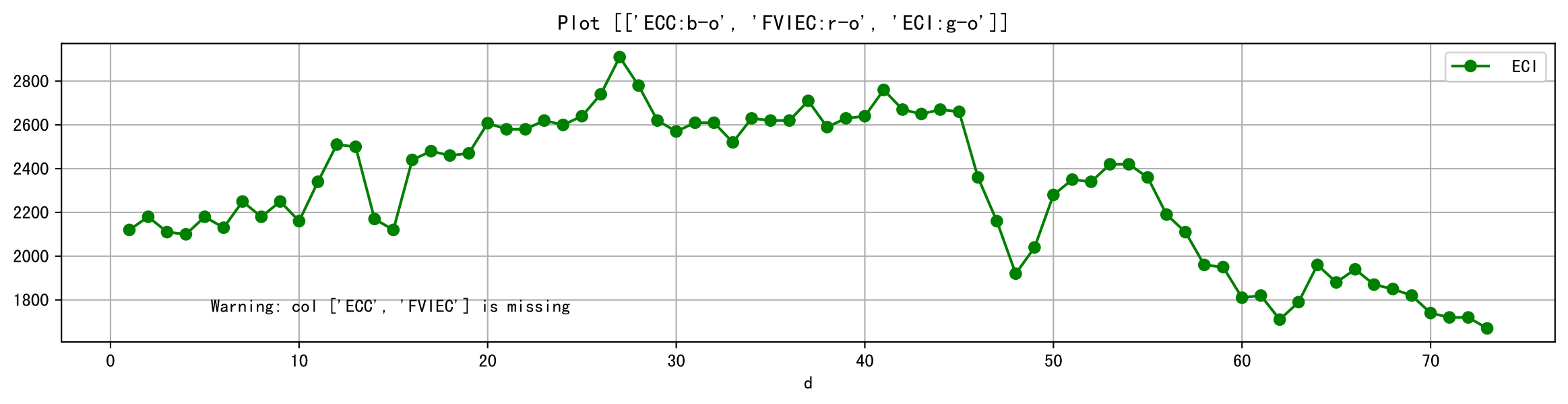



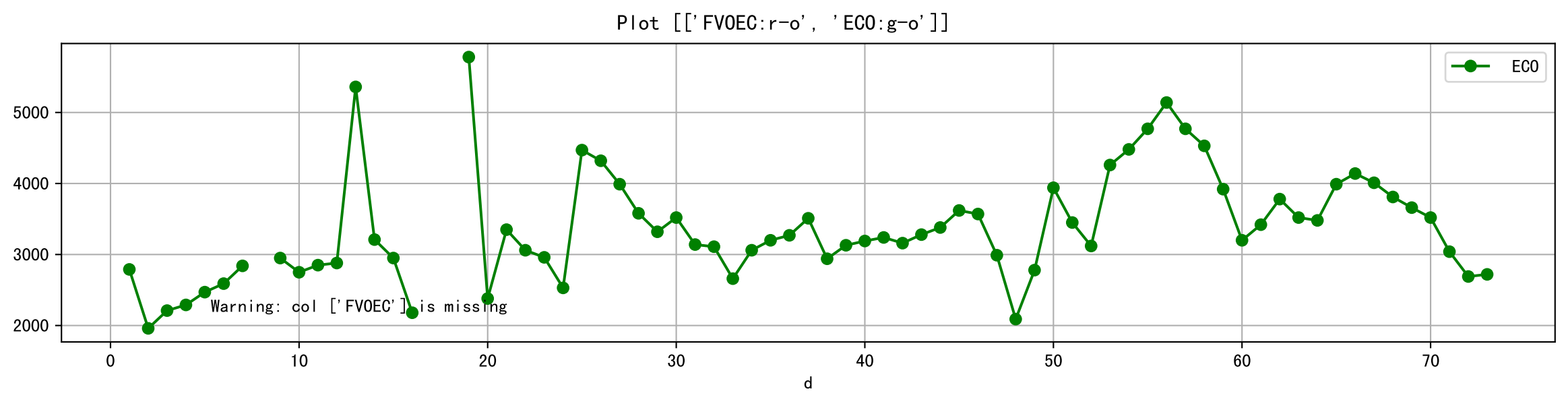



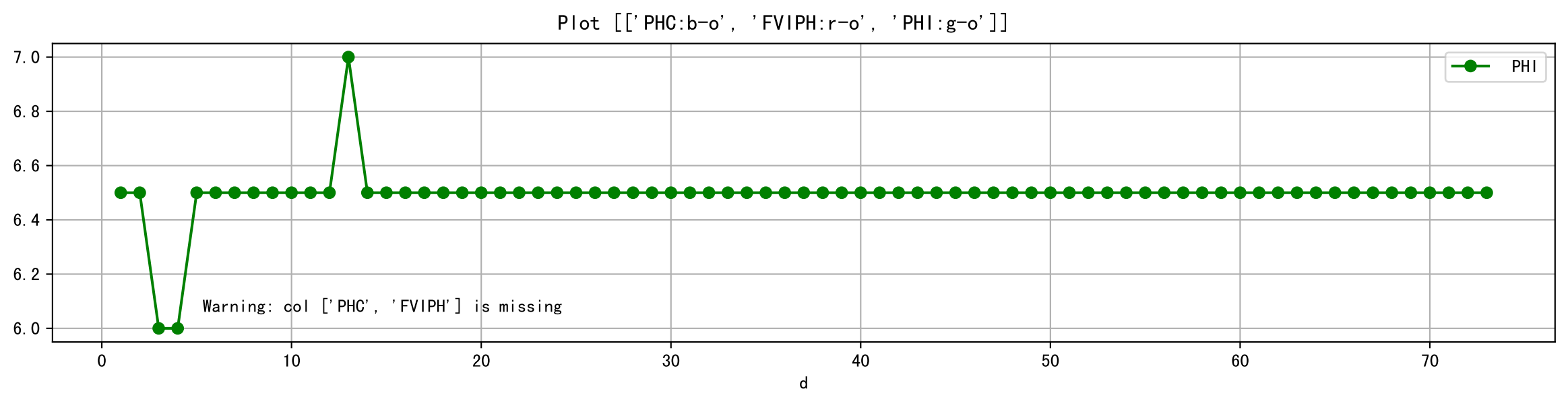



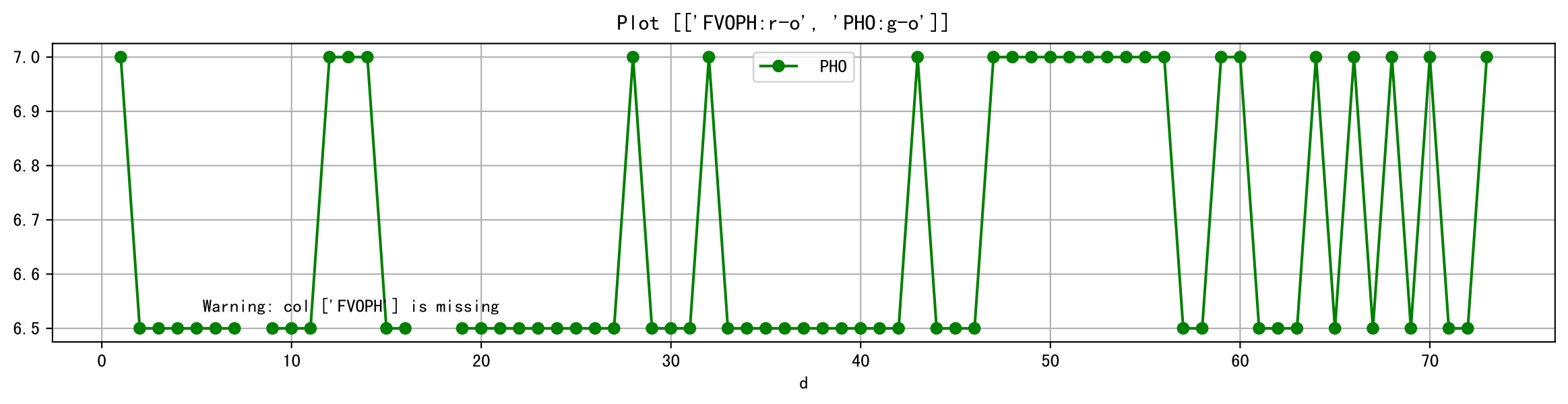

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
400
300
200
100
0
0
20
40
60
80
d

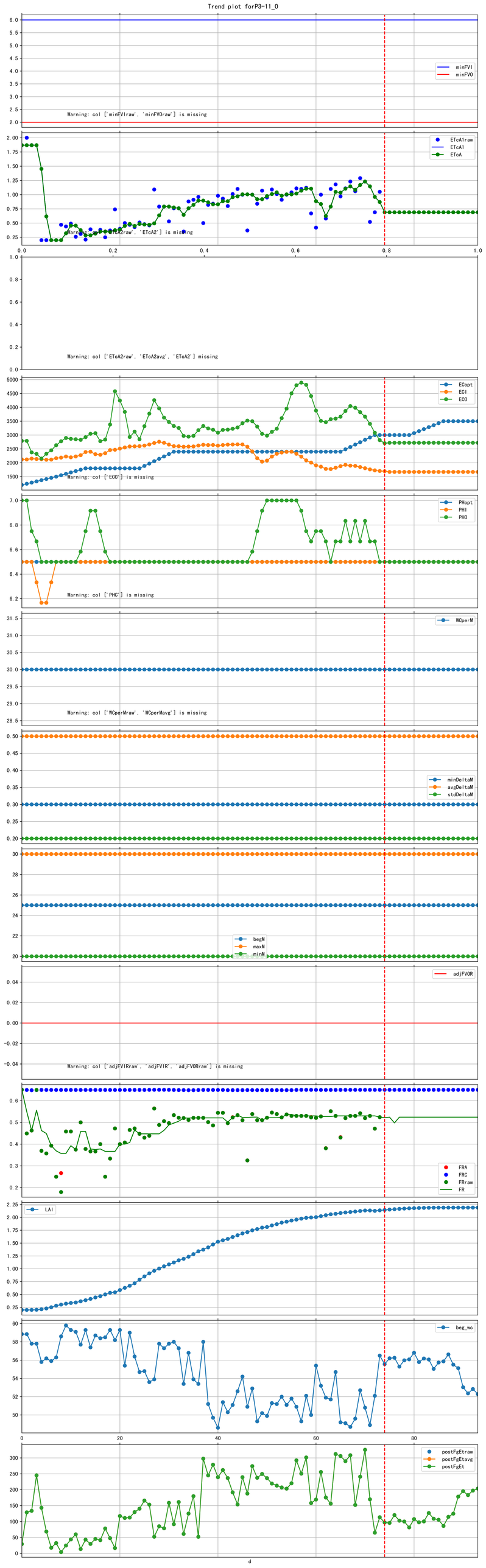

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

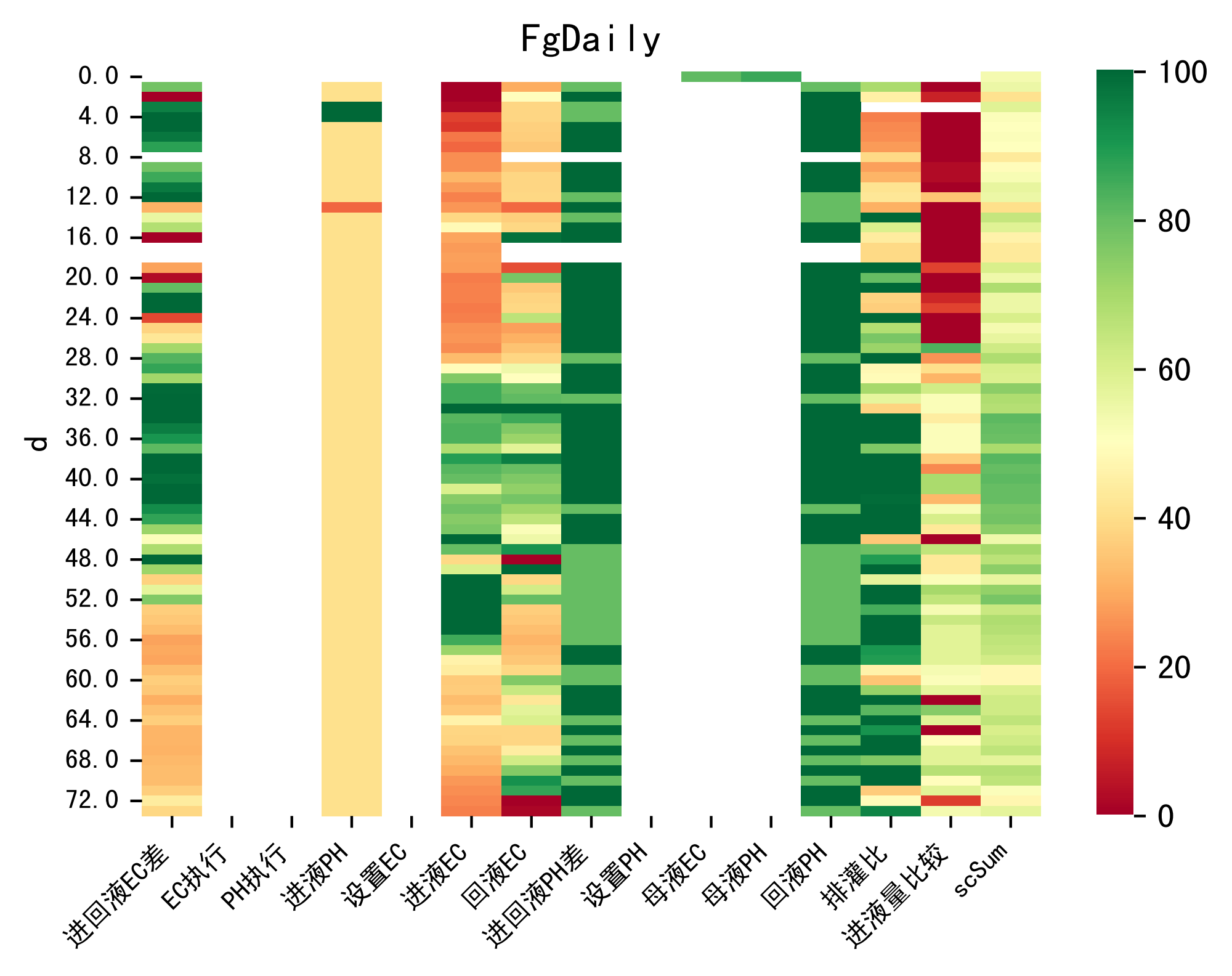

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2800
2600
2400
2200
2000
1800
0
10
20
30
40
50
60
70
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
0
10
20
30
40
50
60
70
d

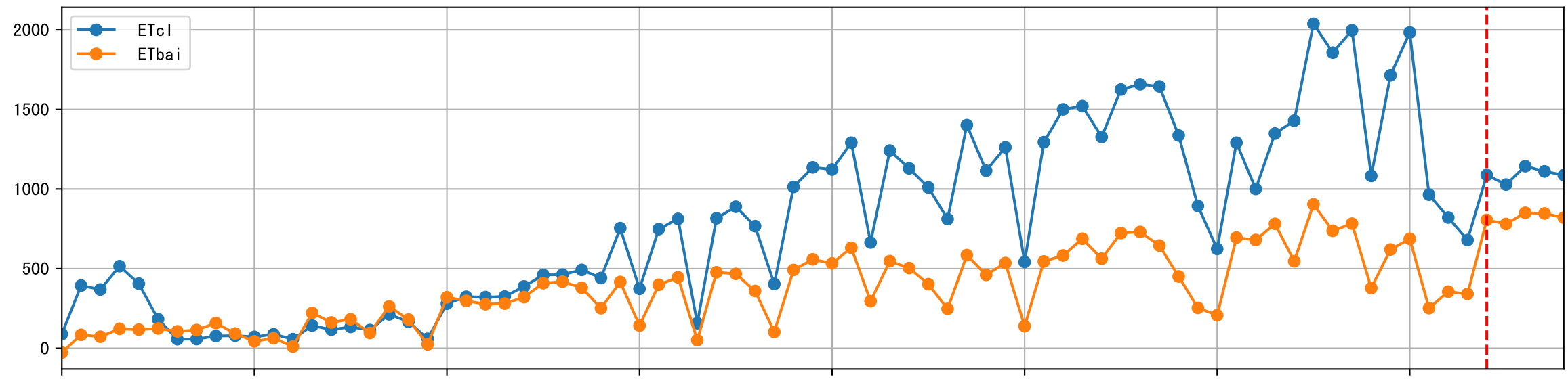

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
10
20
30
40
50
60
70
d

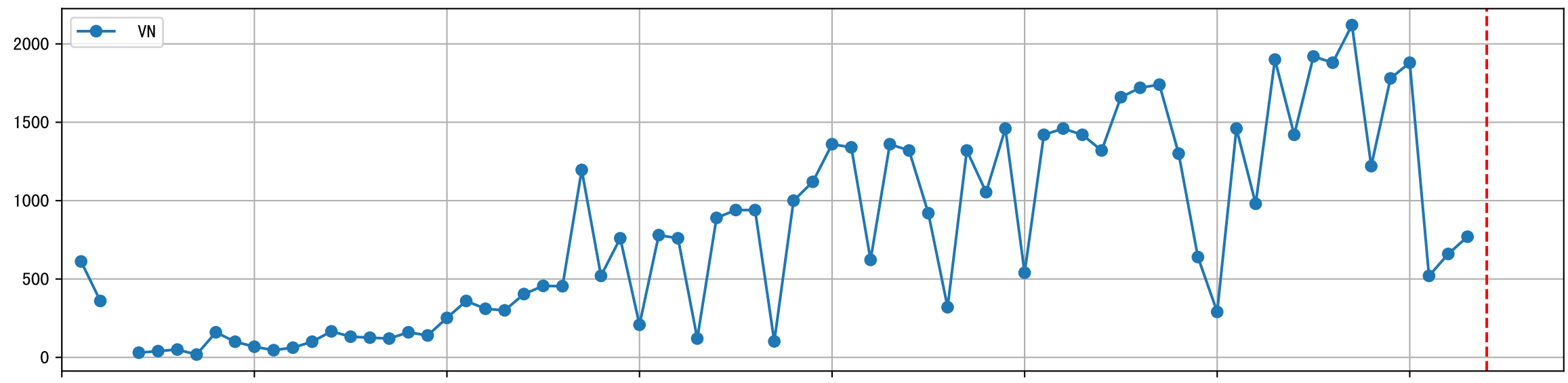

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
10
20
30
40
50
60
70
d

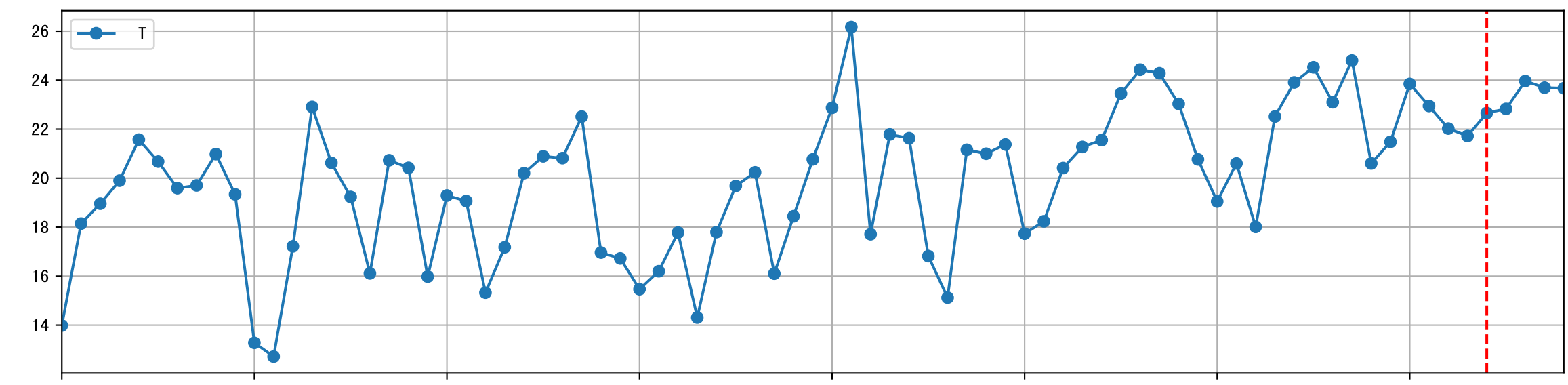

Trend plot forP3-11_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECi
ECO
Warning: col ['ECO'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

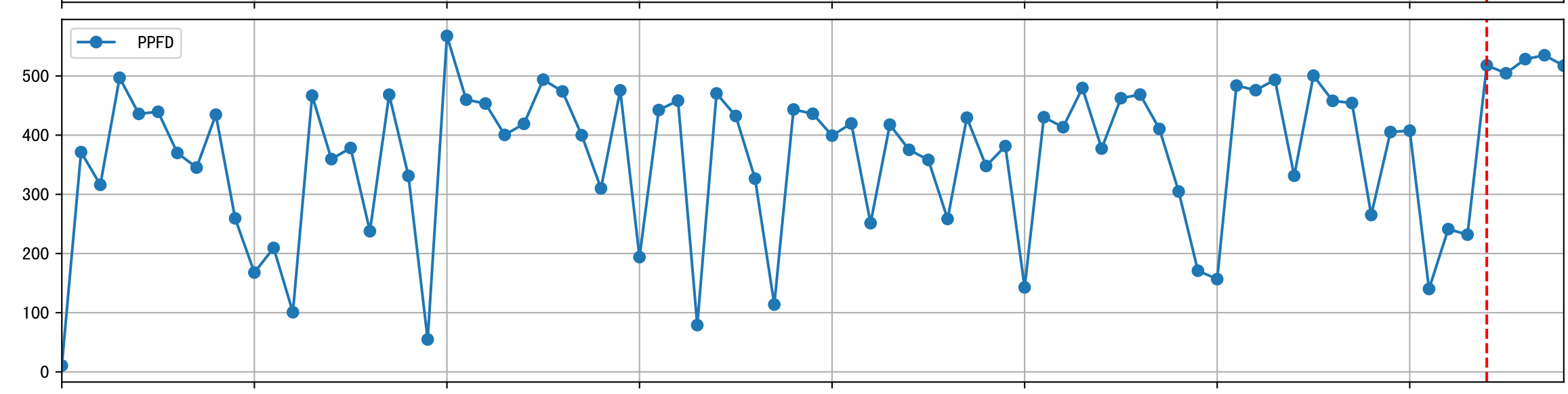

FgDaily
d
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
36.0
40.0
44.0
48.0
52.0
56.0
60.0
64.0
68.0
72.0
进回液EC差
EC执行
PH执行
进液PH
设置EC
进液EC
回液EC
进回液PH差
设置PH
母液EC
母液PH
回液PH
排灌比
进液量比较
scSum
100
80
60
40
20
0

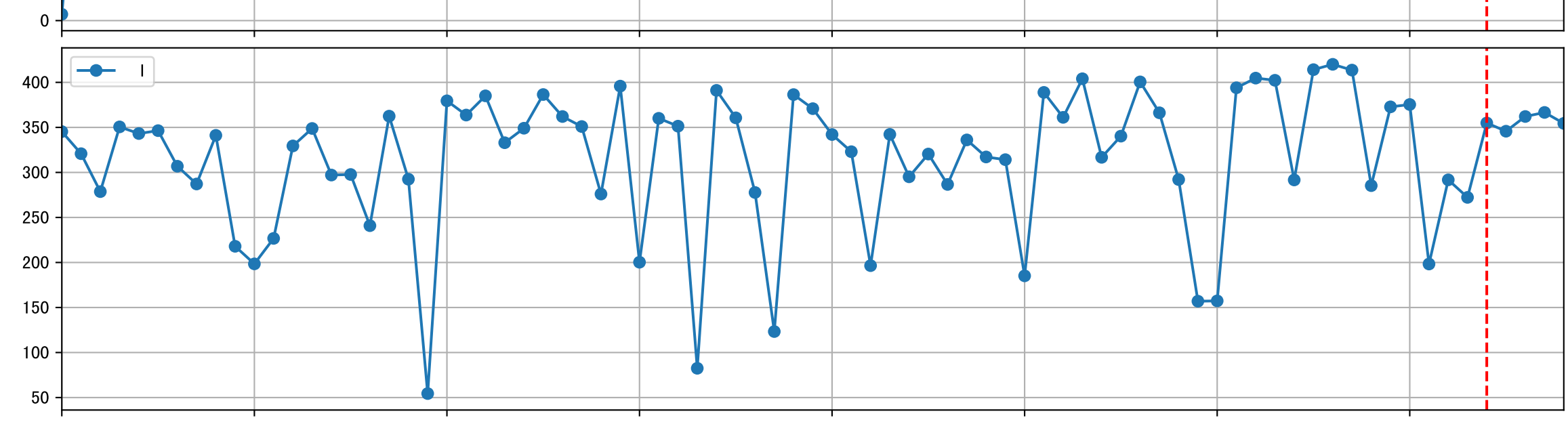
P3-11_0

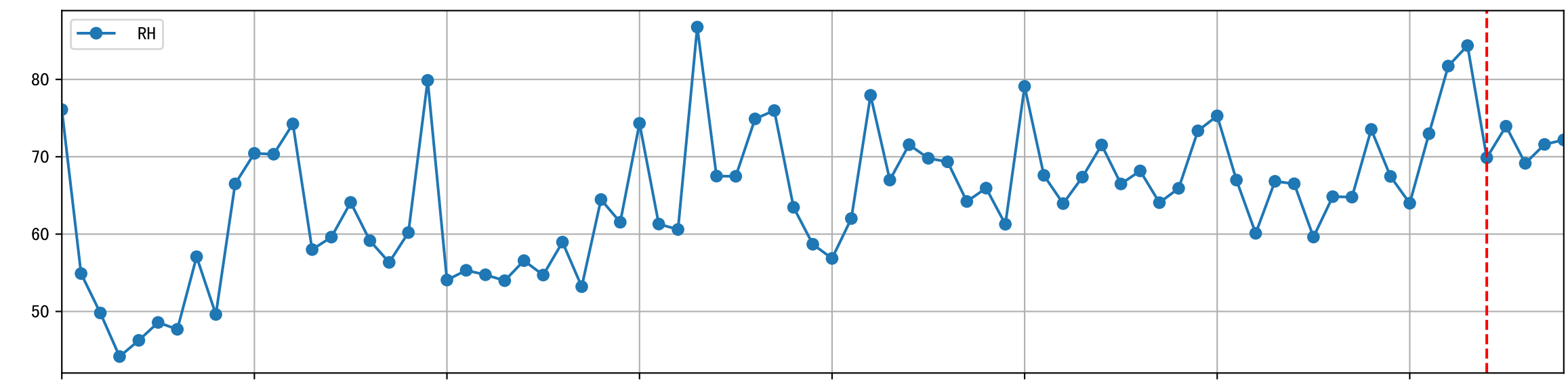

ETcl
ETbai
2000
1500
1000
500
0

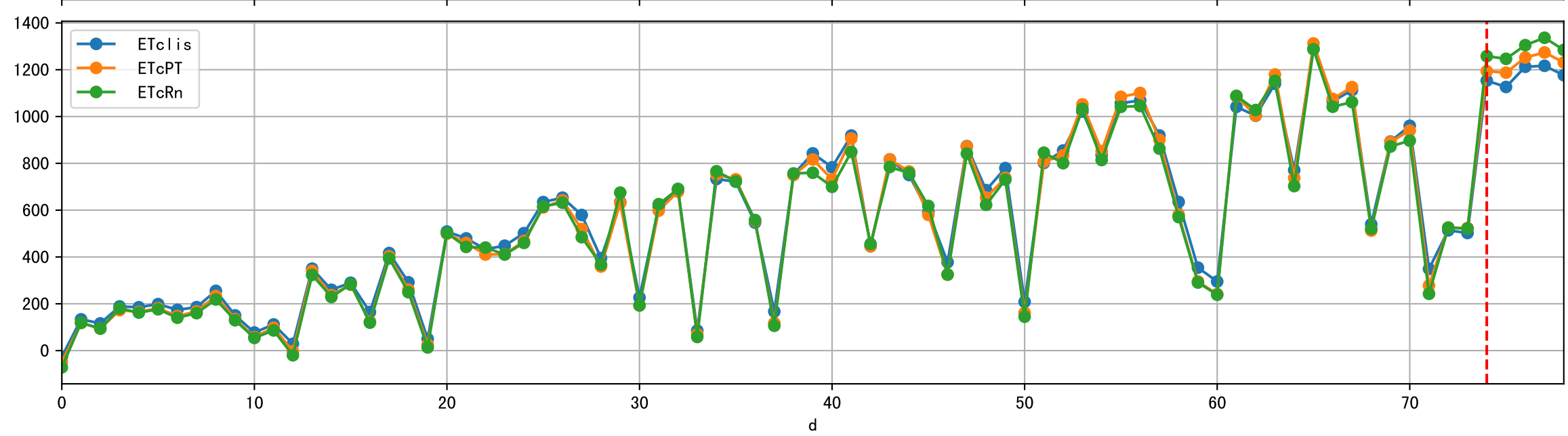

VN
2000
1500
1000
500
0

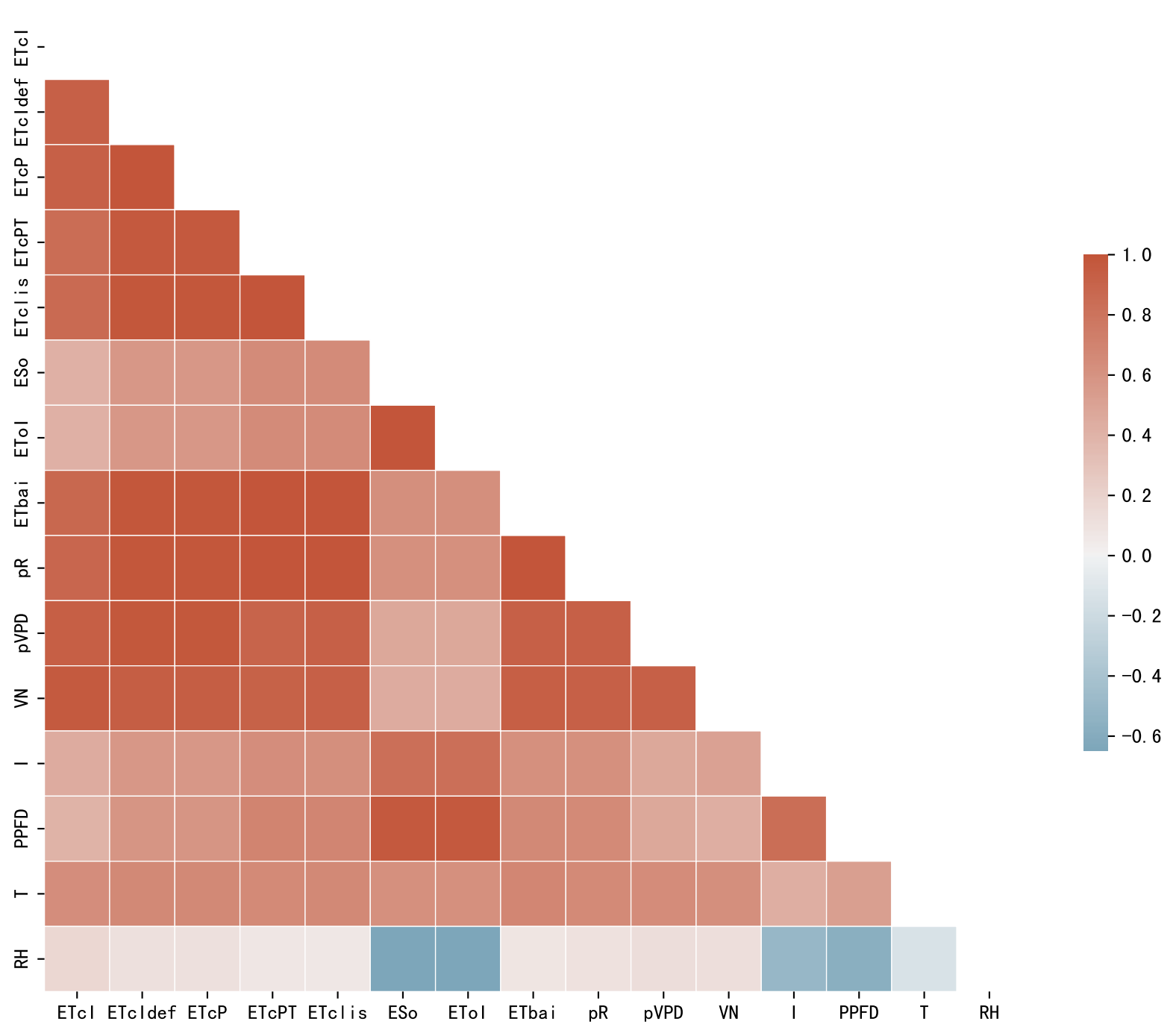

T
26
24
22
20
18
16
14

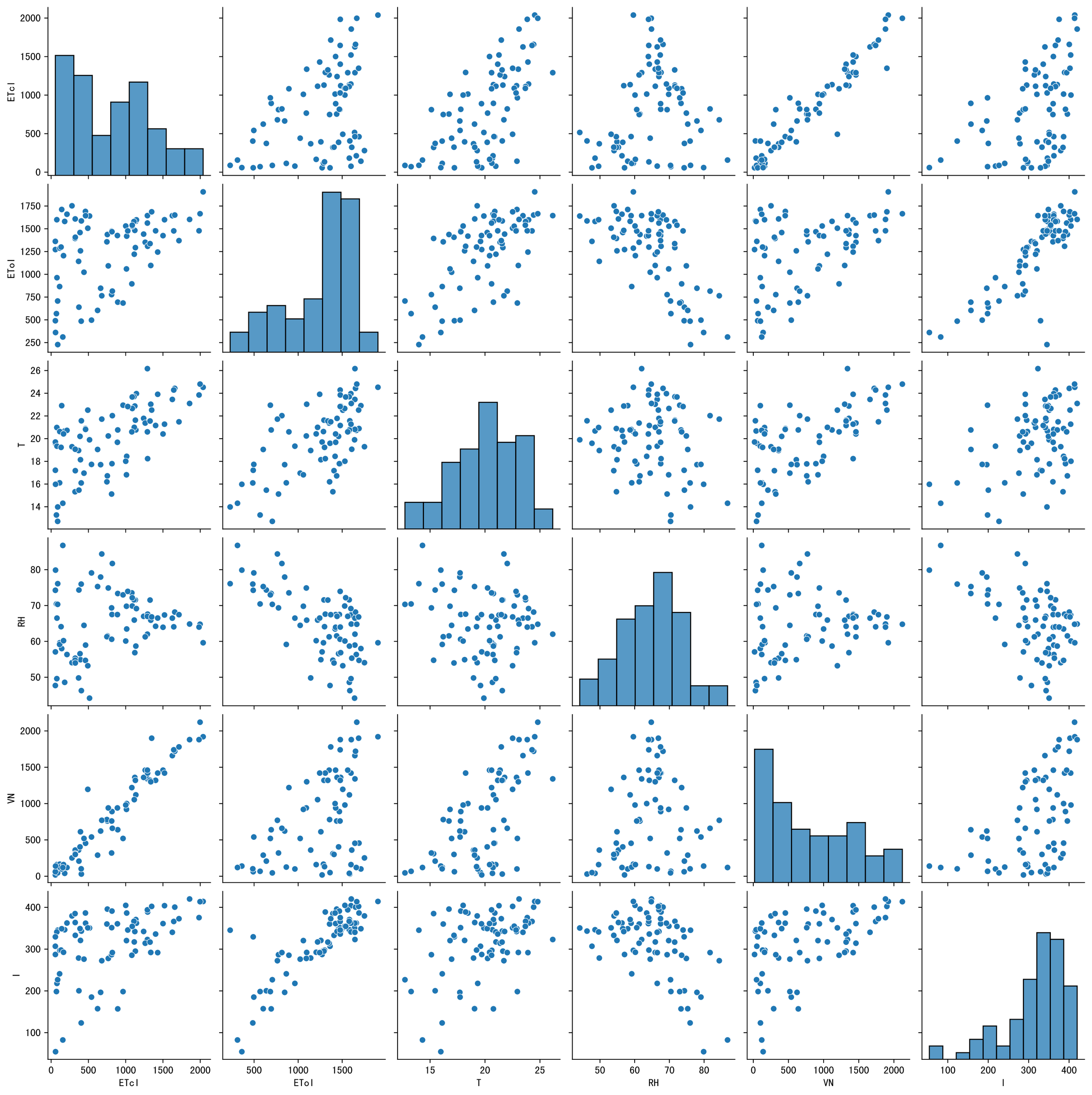

PPFD
500
400
300
200
100
0

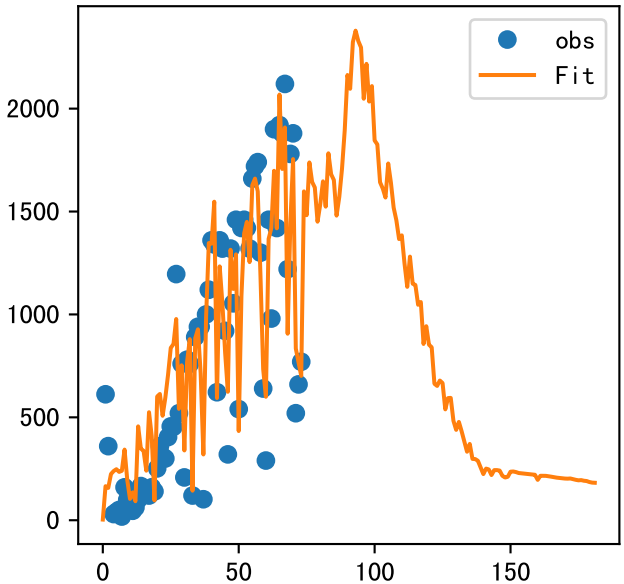

I
400
350
300
250
200
150
100
50

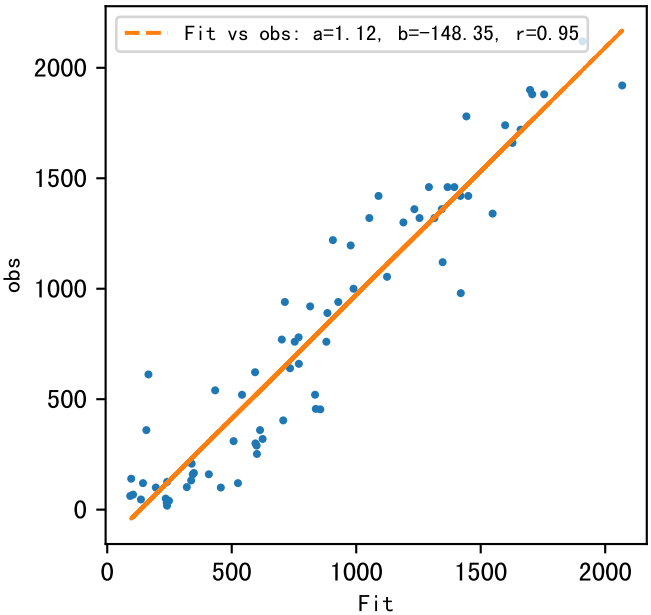

RH
80
70
60
50


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

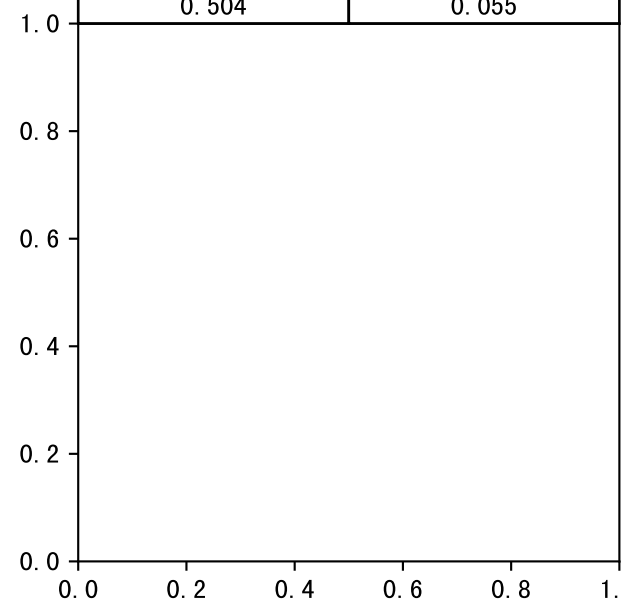

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

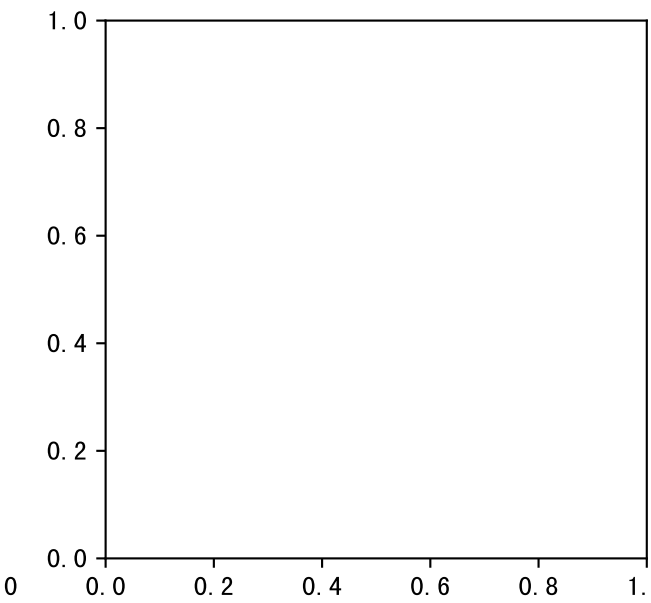

ETcl
ETol
T
RH
VN
I

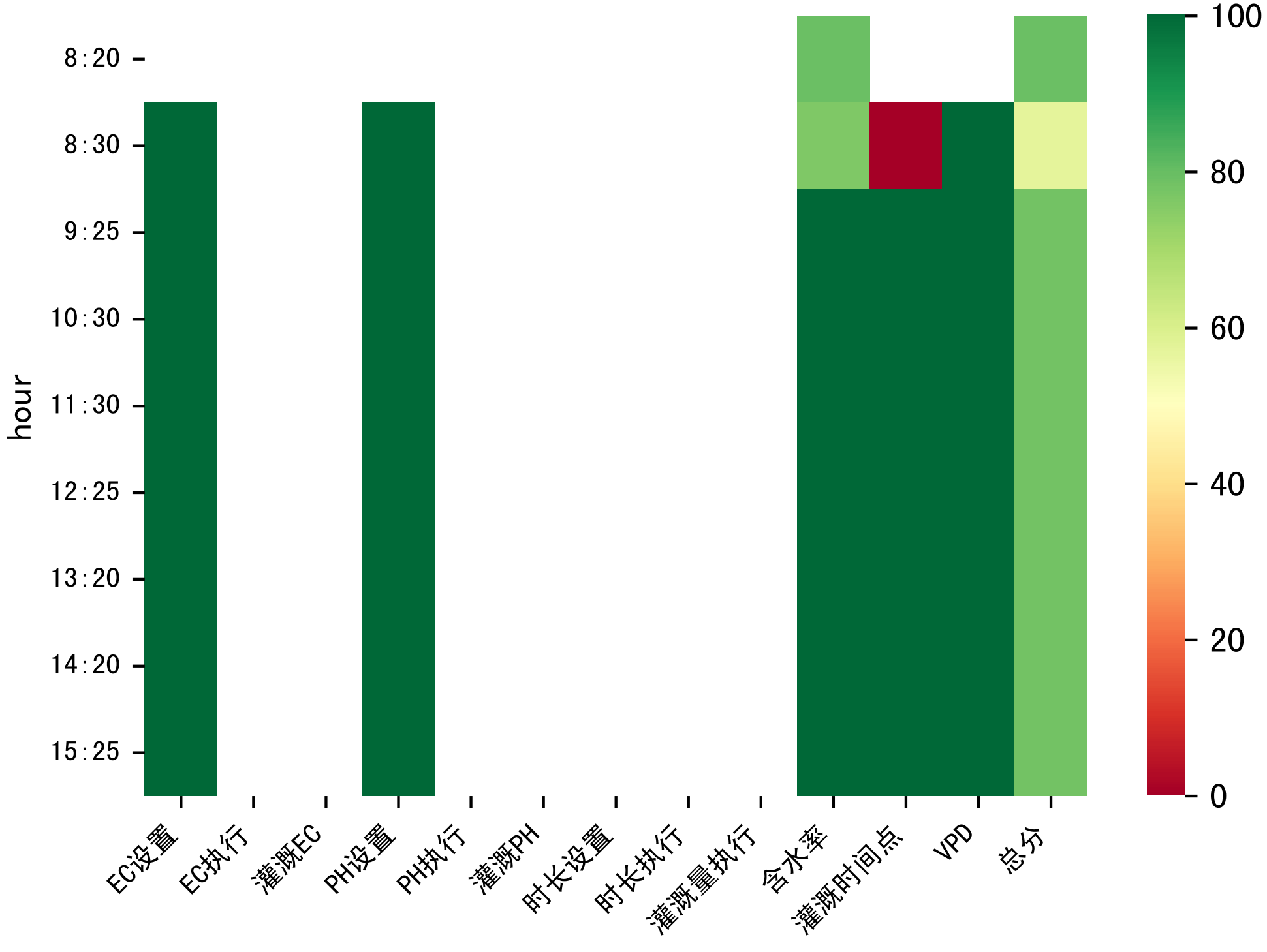



| baiA | baiB |
|---|---|
| 0.504 | 0.055 |



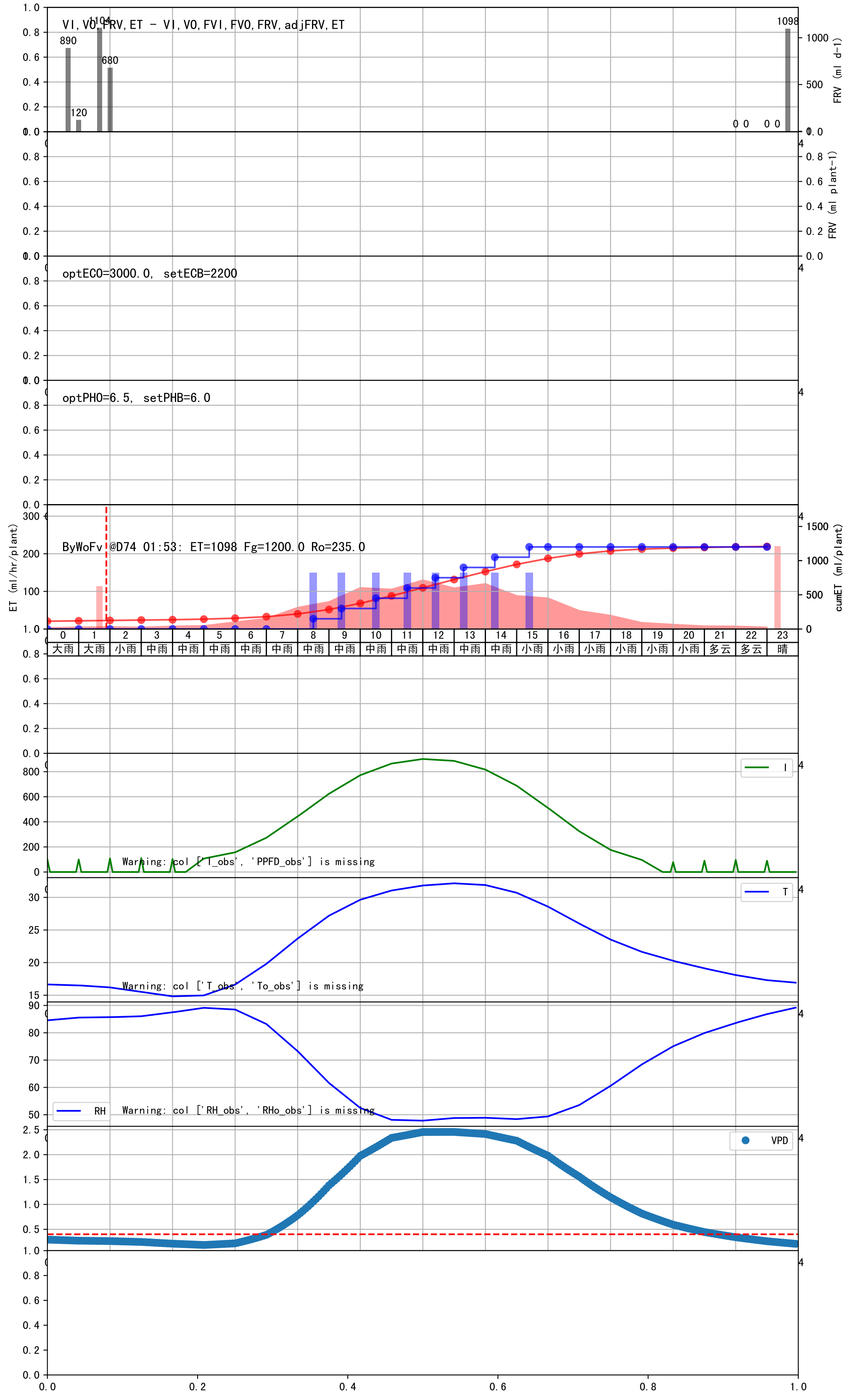



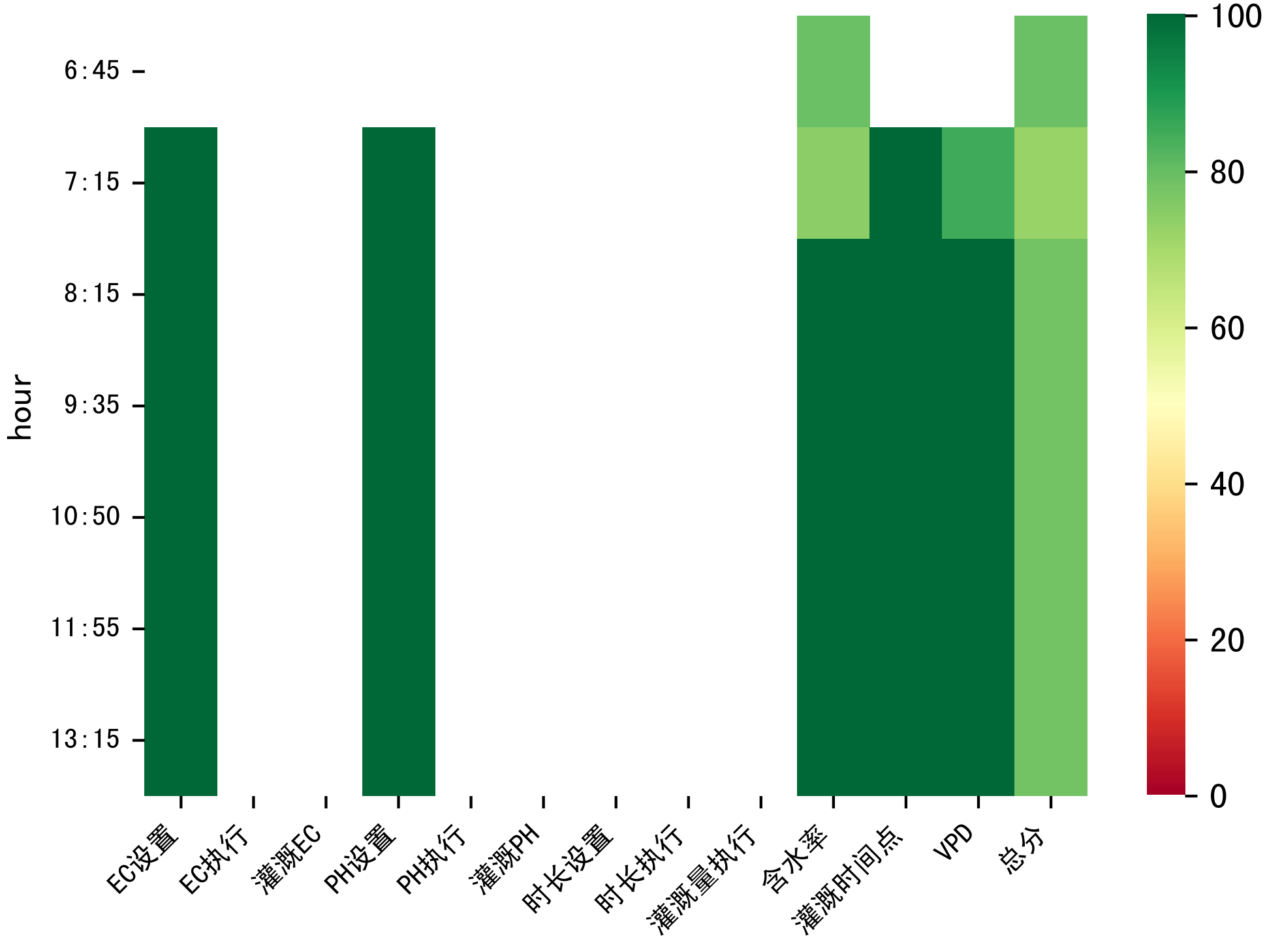

hour
8:20
8:30
9:25
10:30
11:30
12:25
13:20
14:20
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

| 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 | 288 | 150.0 | 2.888 | 中雨 | 预期@08:30 未知程序（未用传感器） |
| 09:25 | 288 | 150.0 | 2.888 | 中雨 | 预期@09:25 未知程序（未用传感器） |
| 10:30 | 288 | 150.0 | 2.888 | 中雨 | 预期@10:30 未知程序（未用传感器） |
| 11:30 | 288 | 150.0 | 2.888 | 中雨 | 预期@11:30 未知程序（未用传感器） |
| 12:25 | 288 | 150.0 | 2.888 | 中雨 | 预期@12:25 未知程序（未用传感器） |
| 13:20 | 288 | 150.0 | 2.888 | 中雨 | 预期@13:20 未知程序（未用传感器） |
| 14:20 | 288 | 150.0 | 2.888 | 中雨 | 预期@14:20 未知程序（未用传感器） |
| 15:25 | 288 | 150.0 | 2.888 | 小雨 | 预期@15:25 未知程序（未用传感器） |
| 总计 | 2304.0 (8次) | 1200.0 | | | 建议进液EC：2200， PH：6.0 |

模型建议今天进液PH 6.005
回液EC (2817.0 vs 2850) 偏低
模型建议今天进液EC 2200.0

P3-11_0, Day=74 (2025-06-15)

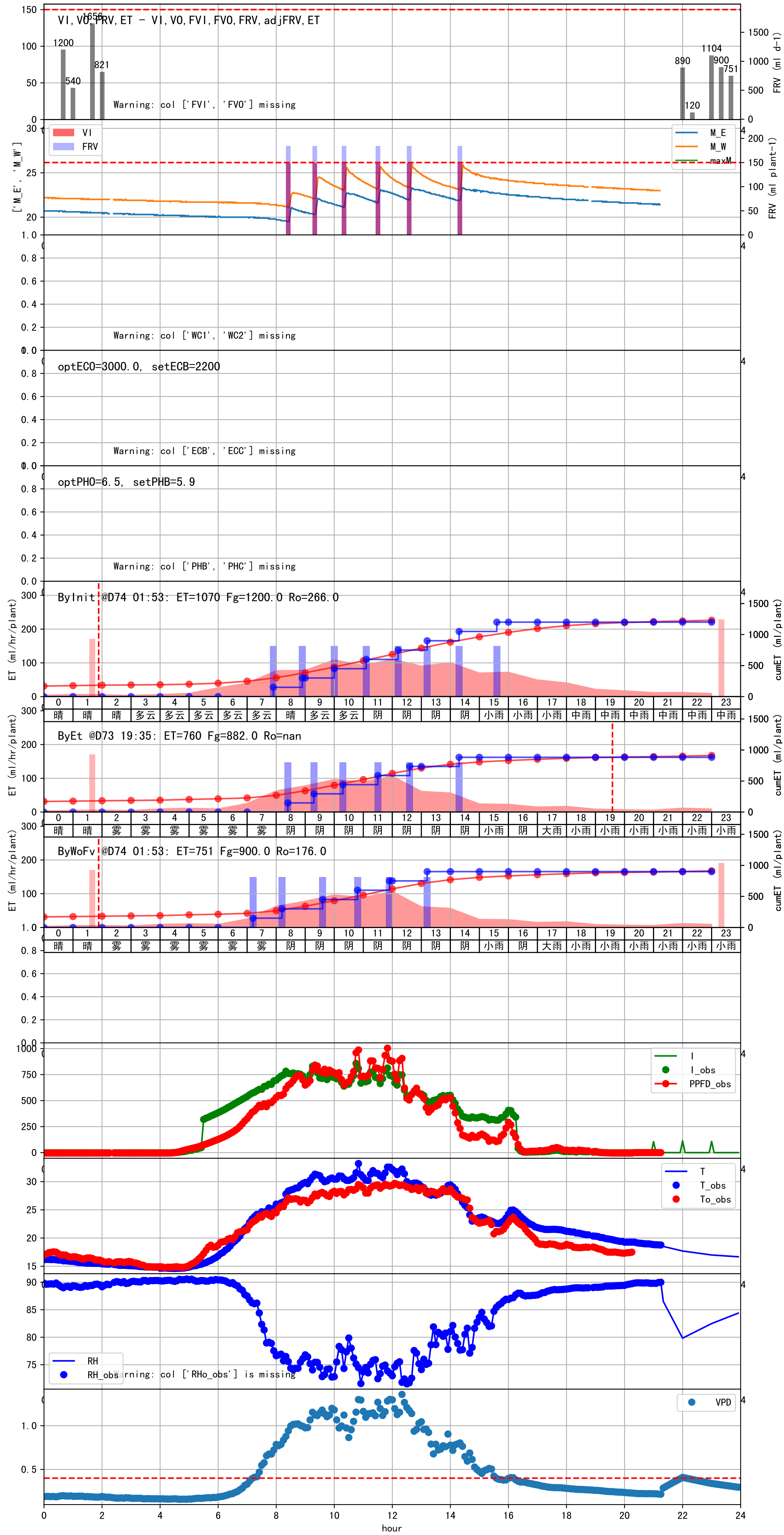


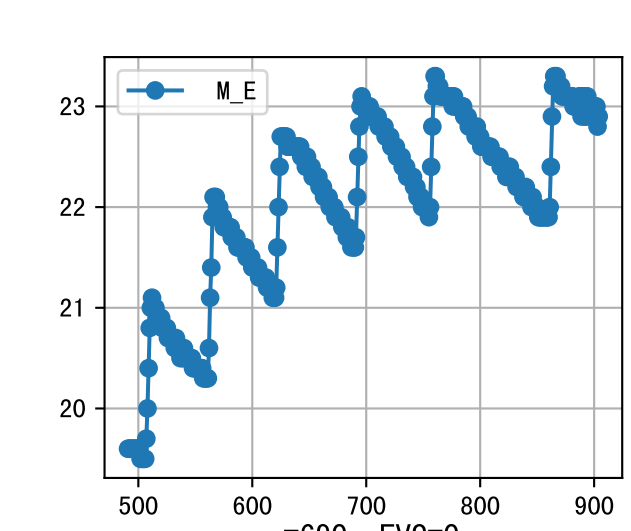

hour
6:45
7:15
8:15
9:35
10:50
11:55
13:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

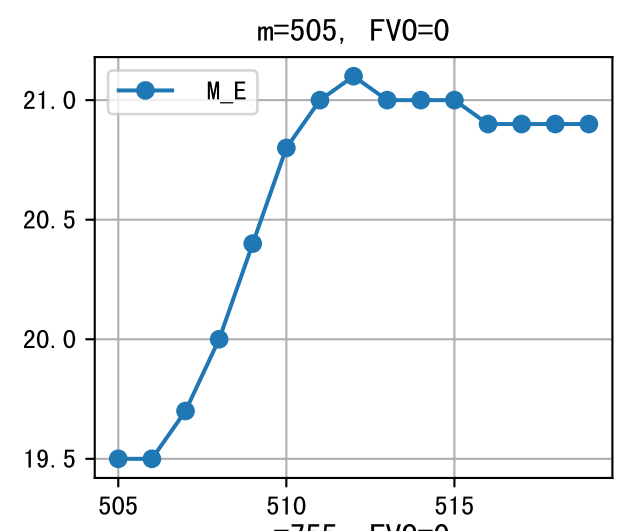
| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 07:15 | 283 | 150.0 | 2.888 | 雾 | 假设@07:15 自动（未用传感器） |
| 08:15 | 283 | 150.0 | 2.888 | 阴 | 假设@08:15 自动（未用传感器） |
| 09:35 | 283 | 150.0 | 2.888 | 阴 | 假设@09:35 自动（未用传感器） |
| 10:50 | 283 | 150.0 | 2.888 | 阴 | 假设@10:50 自动（未用传感器） |
| 11:55 | 283 | 150.0 | 2.888 | 阴 | 假设@11:55 自动（未用传感器） |
| 13:15 | 283 | 150.0 | 2.888 | 阴 | 假设@13:15 自动（未用传感器） |
| 总计 | 1698.0 (6次) | 900.0 | | | 建议进液EC：2200， PH：5.9 |

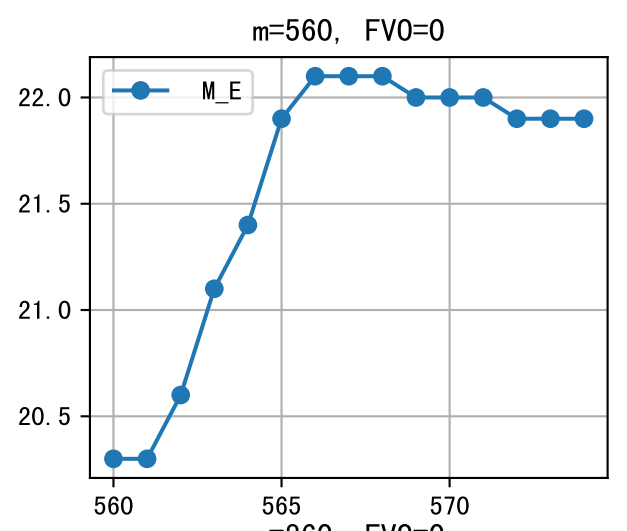
施肥机灌溉量与预期值不符 (184.0 : 150.0)，可能由于一阀多区不均匀
默认实际灌溉150.0 ml.
模型建议今天进液PH 5.93
模型建议今天进液EC 2200.0

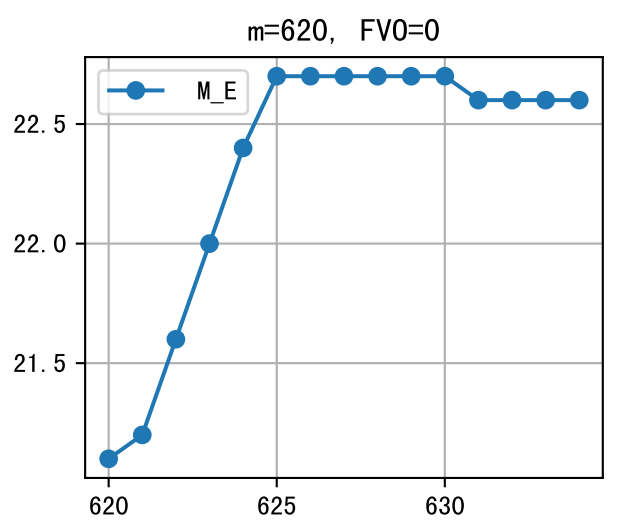
P3-11_0, Day=73 (2025-06-14)

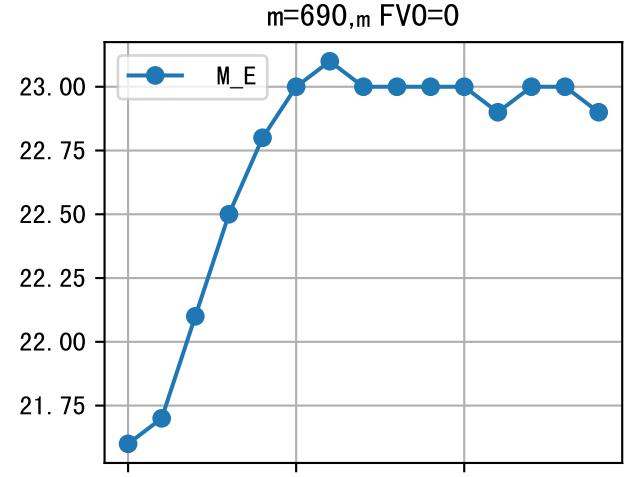


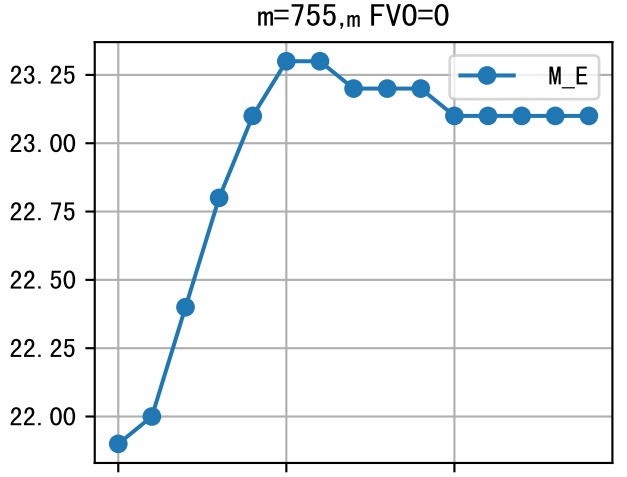

M_E

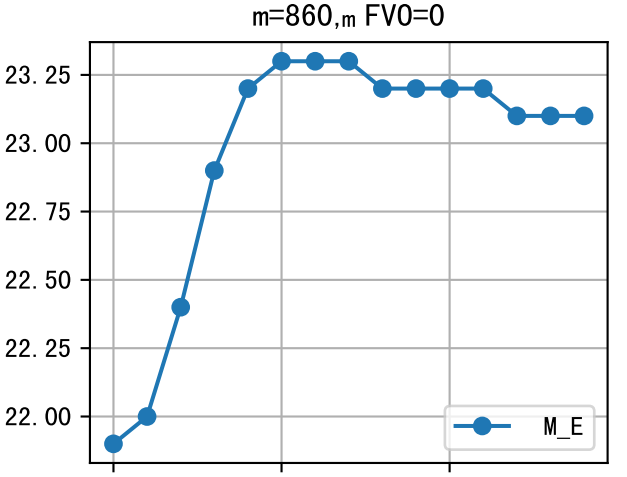

m=505, FV0=0
M_E

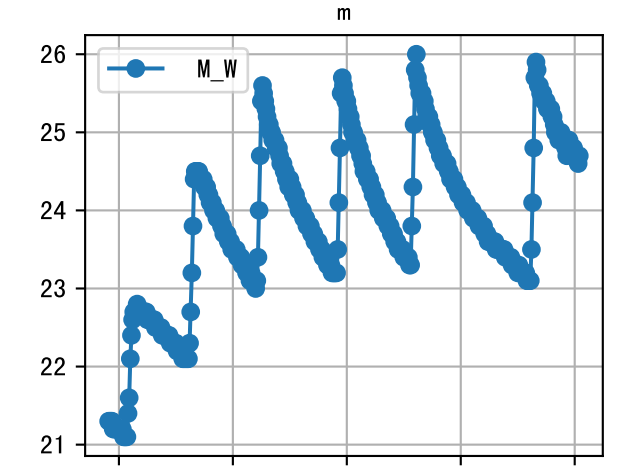

m=560, FV0=0
M_E

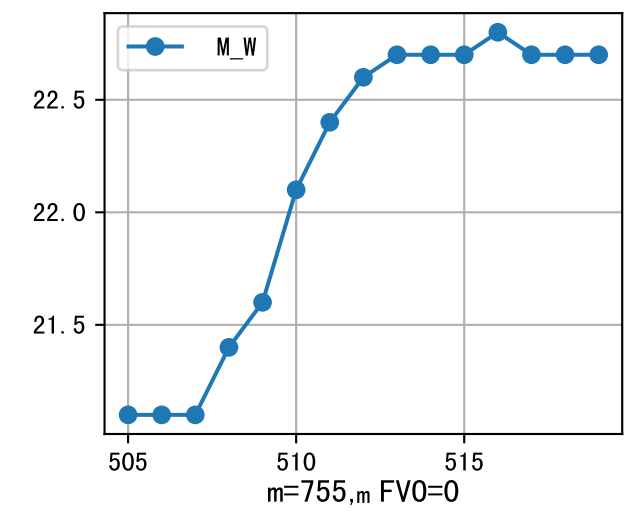

m=620, FV0=0
M_E

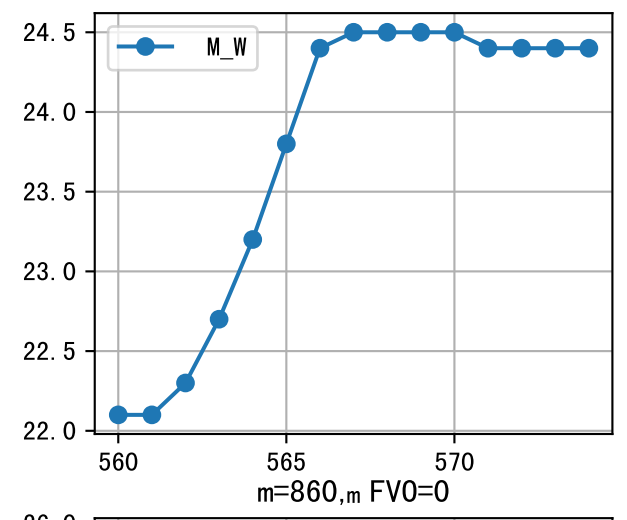

m=690,m FV0=0
M_E
m=505,m FV0=0

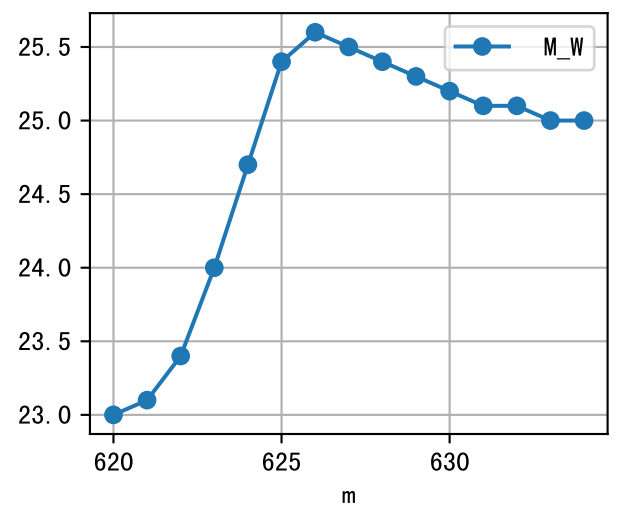

m=755,m FV0=0
M_E
m=560,m FV0=0

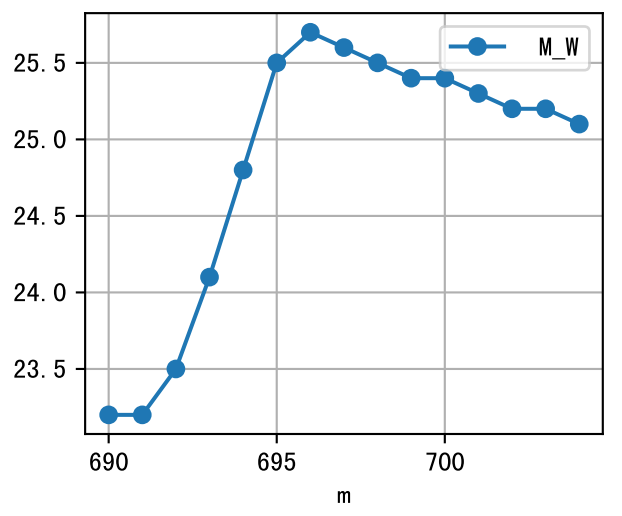

m=860,m FV0=0
M_E
m=620,m FV0=0

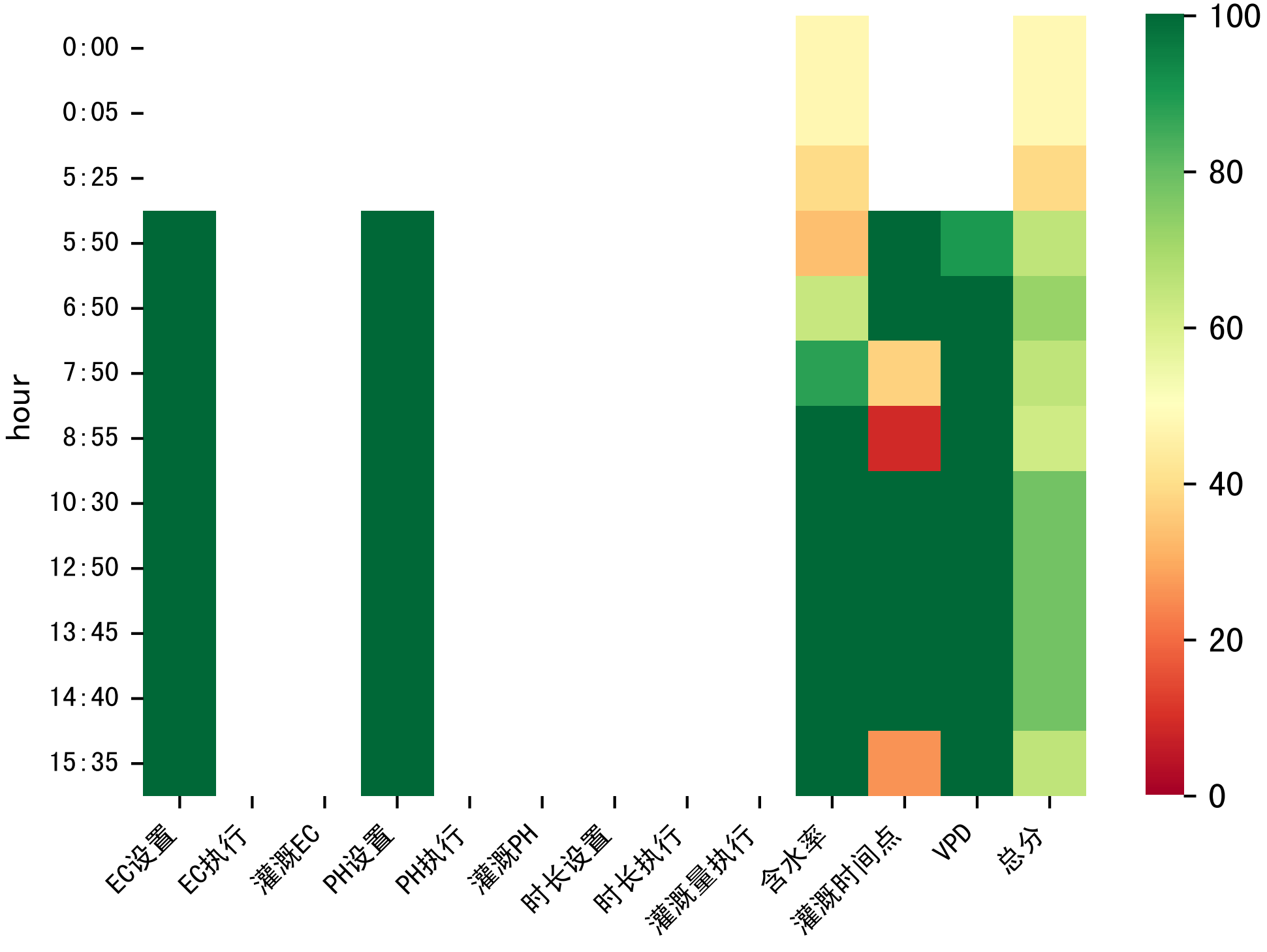

M_W
m
m=690,m FV0=0


M_W
m=755,m FV0=0


M_W
m=860,m FV0=0


M_W
m

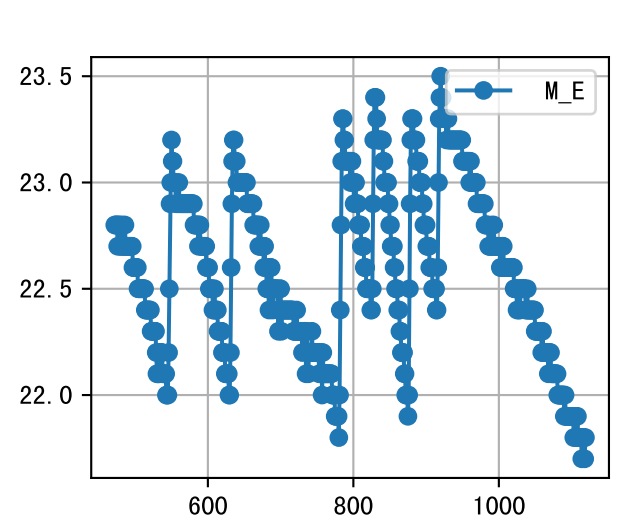

M_W
m

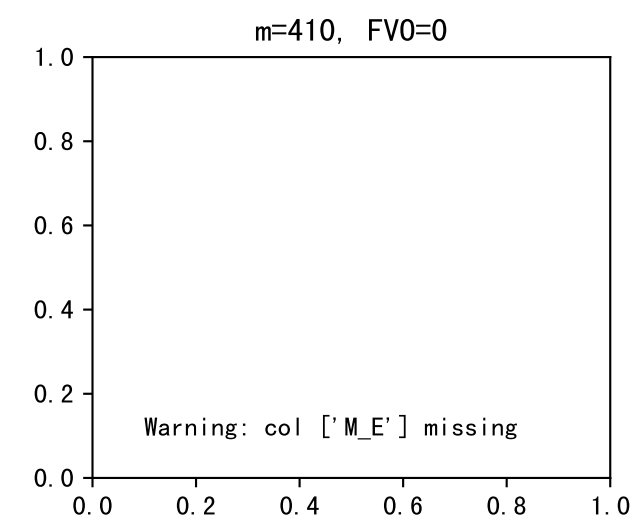

hour
0:00
0:05
5:25
5:50
6:50
7:50
8:55
10:30
12:50
13:45
14:40
15:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

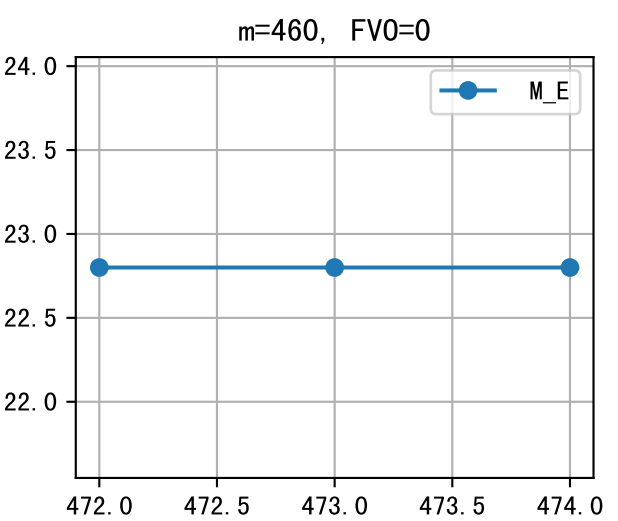
| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 05:50 | 283 | 150.0 | 2.888 | 阴 | 假设@05:50 自动（未用传感器） |
| 06:50 | 283 | 150.0 | 2.888 | 多云 | 假设@06:50 自动（未用传感器） |
| 07:50 | 283 | 150.0 | 2.888 | 多云 | 假设@07:50 自动（未用传感器） |
| 08:55 | 283 | 150.0 | 2.888 | 多云 | 假设@08:55 自动（未用传感器） |
| 10:30 | 283 | 150.0 | 2.888 | 阴 | 假设@10:30 自动（未用传感器） |
| 12:50 | 283 | 150.0 | 2.888 | 阴 | 假设@12:50 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） |
| 14:40 | 283 | 150.0 | 2.888 | 阴 | 假设@14:40 自动（未用传感器） |
| 15:35 | 283 | 150.0 | 2.888 | 阴 | 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：5.9 |

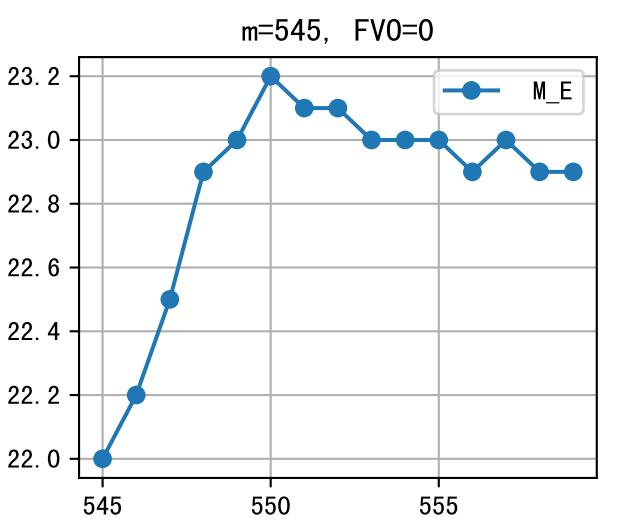
施肥机灌溉量与预期值不符 (184.0 : 150.0)，可能由于一阀多区不均匀
默认实际灌溉150.0 ml.
模型建议今天进液PH 5.93
模型建议今天进液EC 2200.0

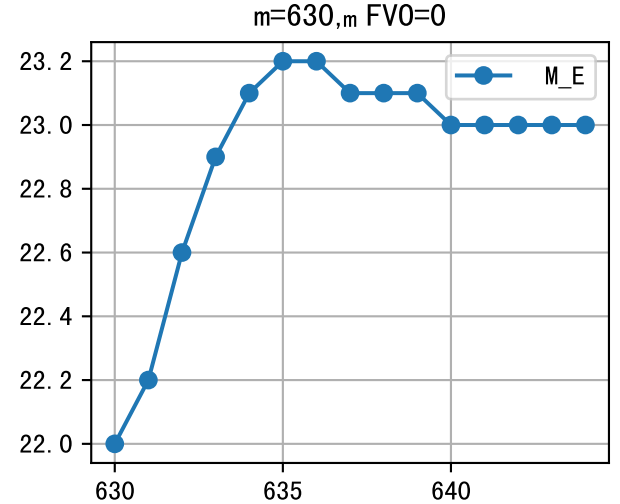
P3-11_0, Day=72 (2025-06-13)

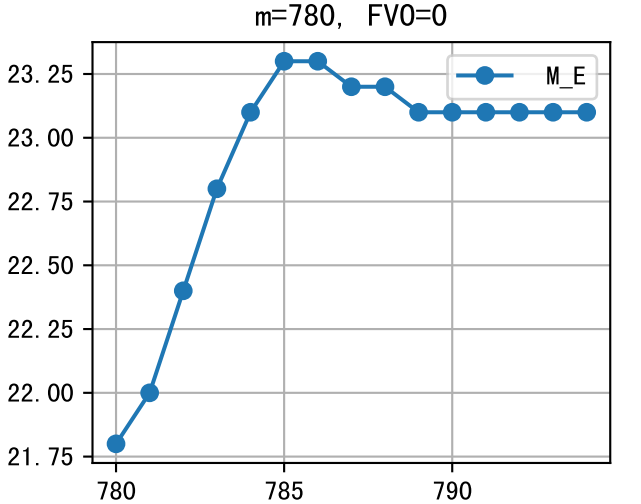

M_E

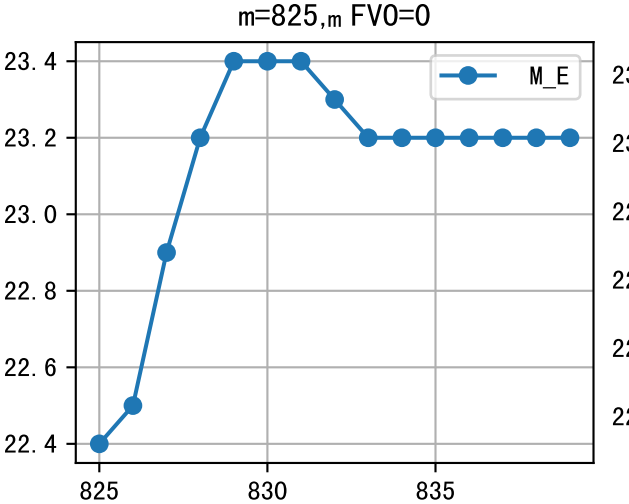

m=410, FV0=0
Warning: col ['M_E'] missing

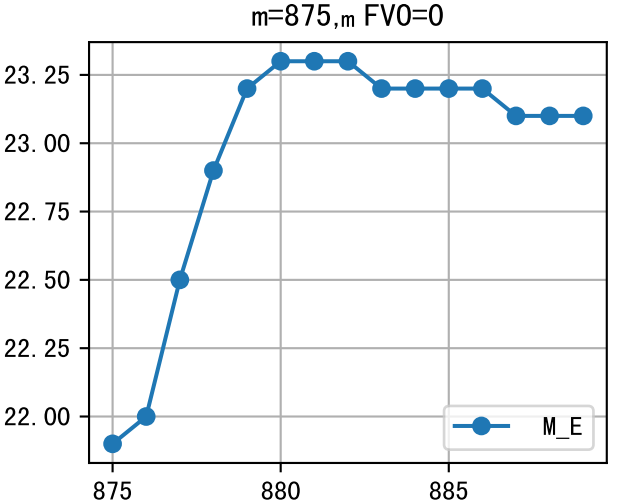

m=460, FV0=0
M_E

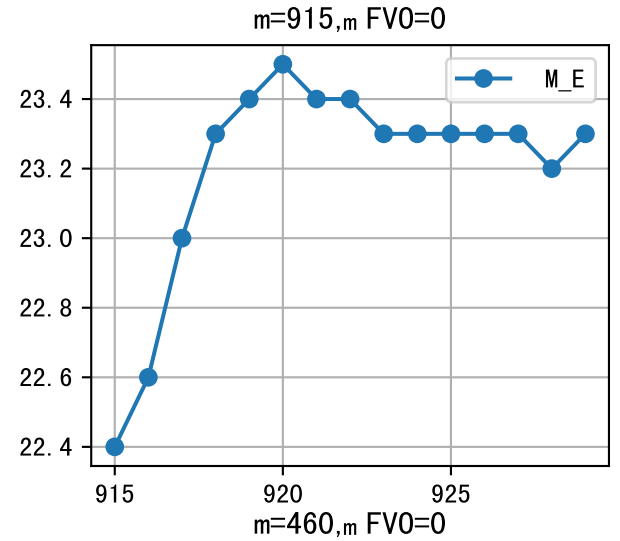

m=545, FV0=0
M_E

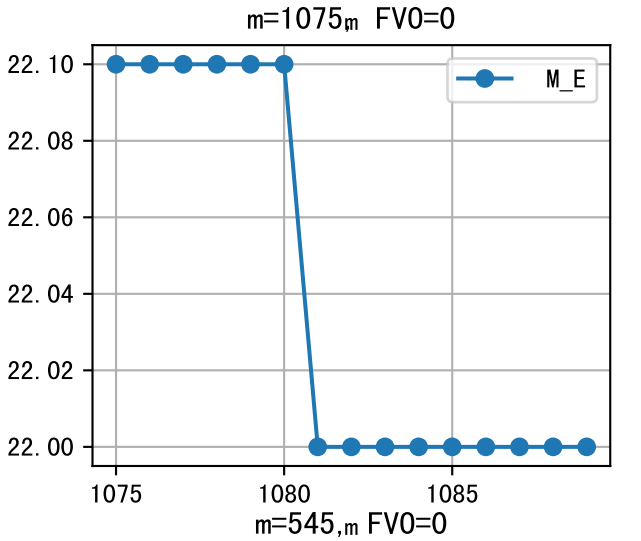

m=630,m FV0=0
M_E

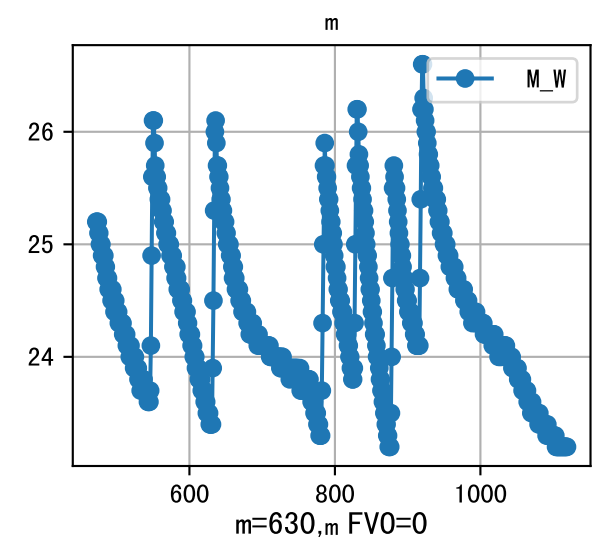

m=780, FV0=0
M_E

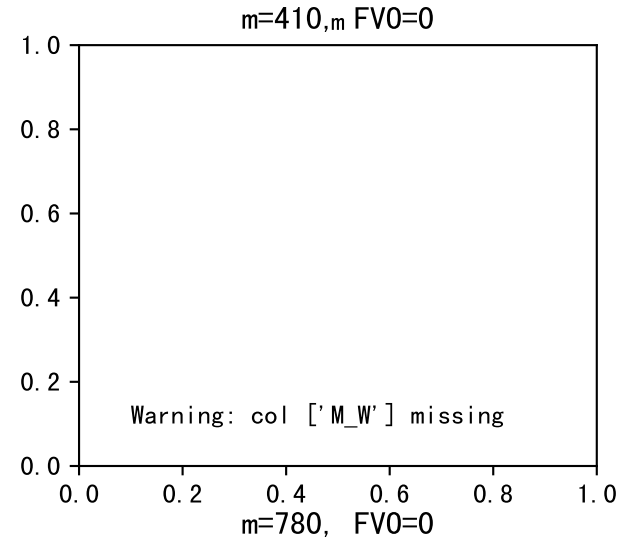

m=825,m FV0=0
M_E

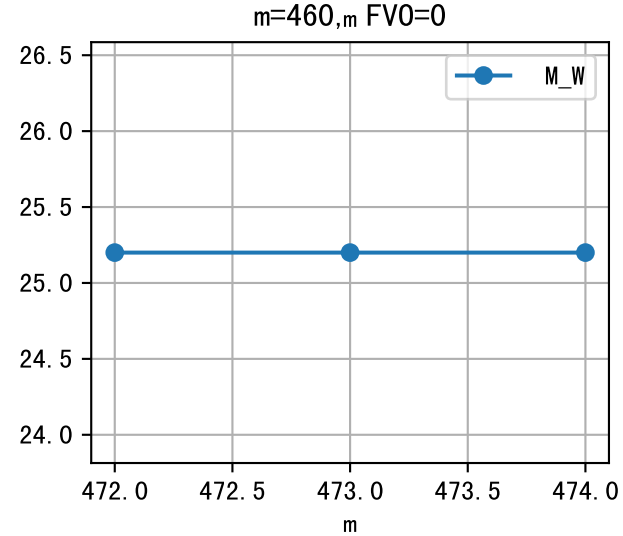

m=875,m FV0=0
M_E

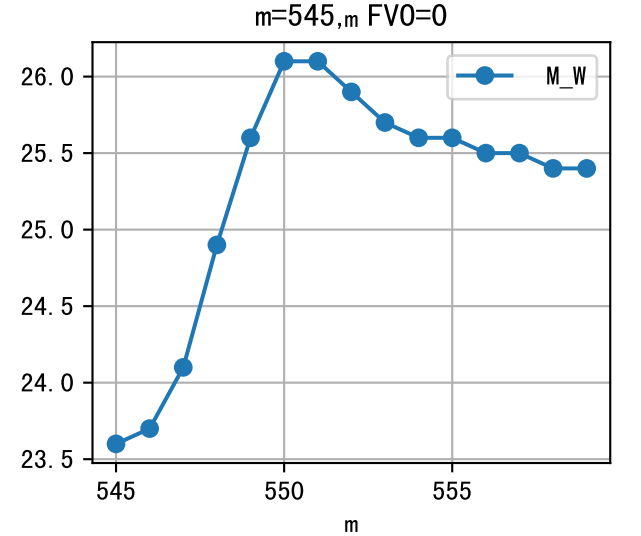

m=915,m FV0=0
M_E

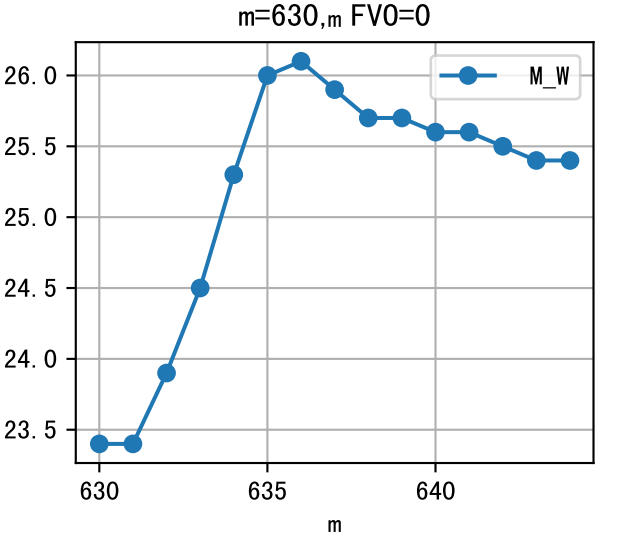

m=1075m FV0=0
M_E

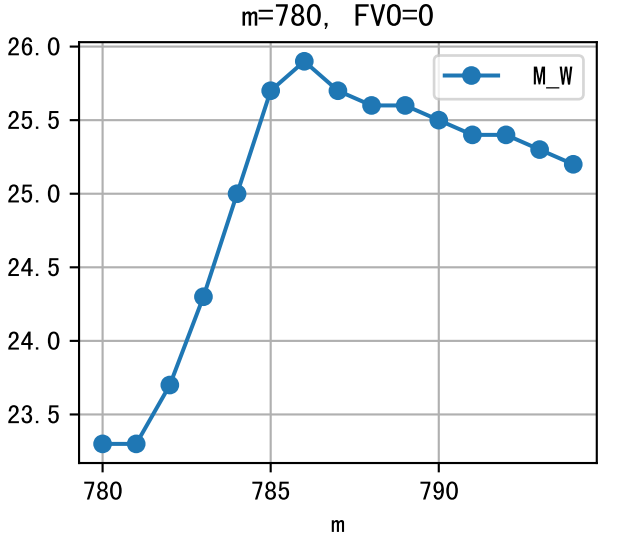

m
M_W

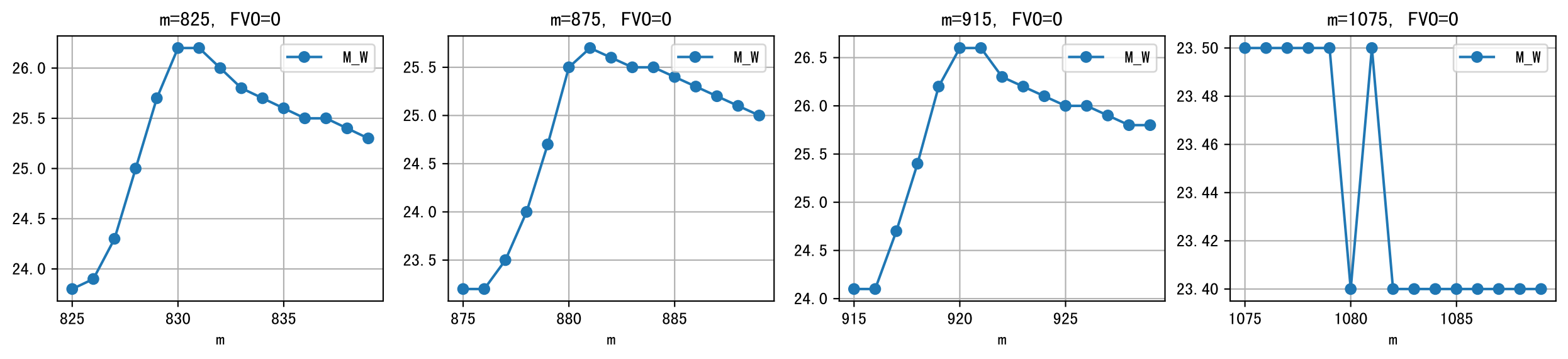

m=410,m FV0=0
Warning: col ['M_W'] missing

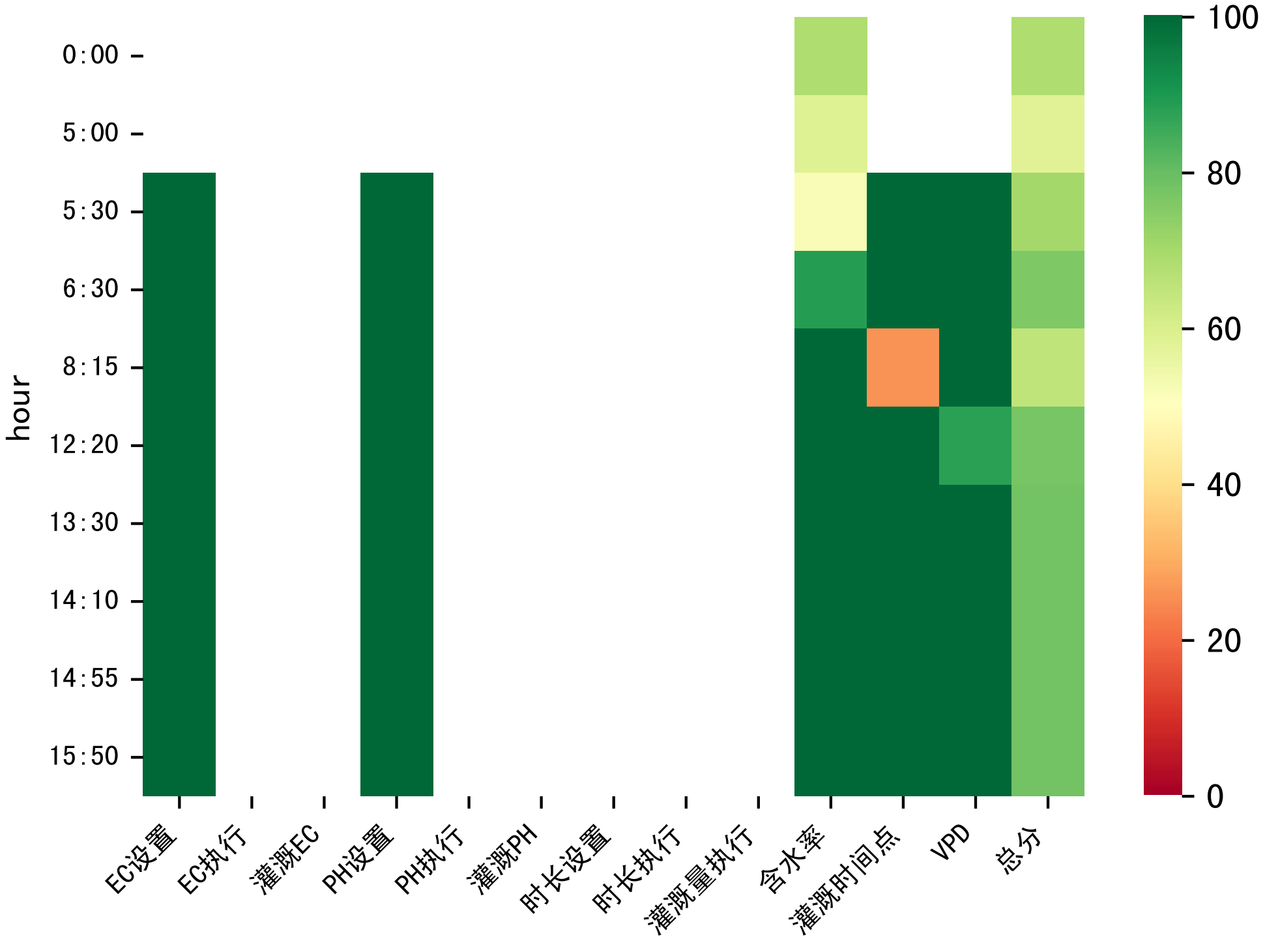

m=460,m FV0=0
M_W
m


m=545,m FV0=0
M_W
m


m=630,m FV0=0
M_W
m


m=780, FV0=0
M_W
m

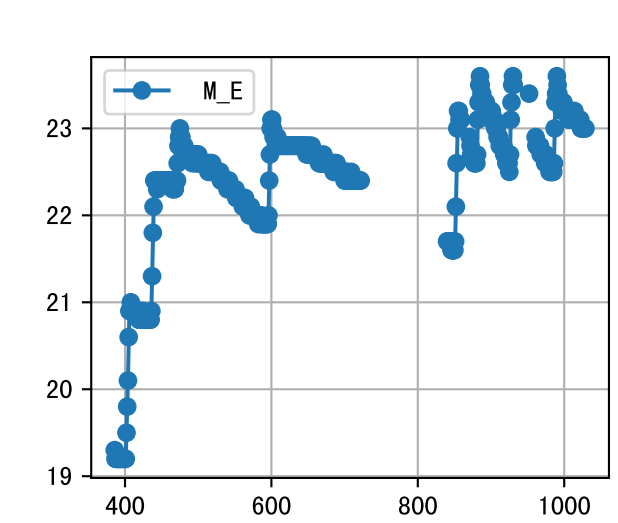

m=825, FV0=0
M_W
26.0
25.5
25.0
24.5
24.0
825
830
835
m
m=875, FV0=0
M_W
25.5
25.0
24.5
24.0
23.5
875
880
885
m
m=915, FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
915
920
925
m
m=1075, FV0=0
M_W
23.50
23.48
23.46
23.44
23.42
23.40
1075
1080
1085
m

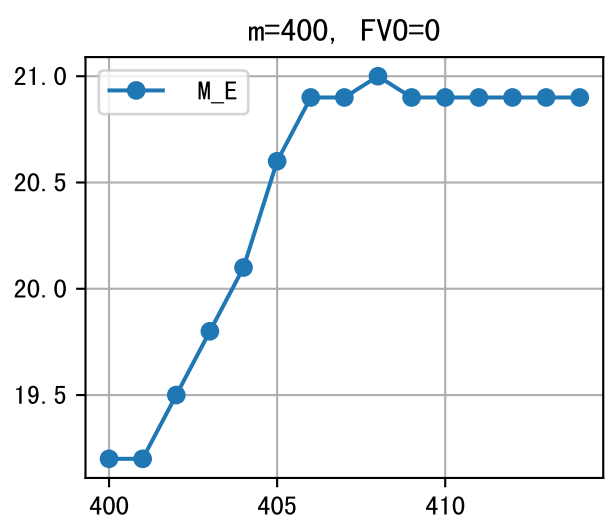

hour
0:00
5:00
5:30
6:30
8:15
12:20
13:30
14:10
14:55
15:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

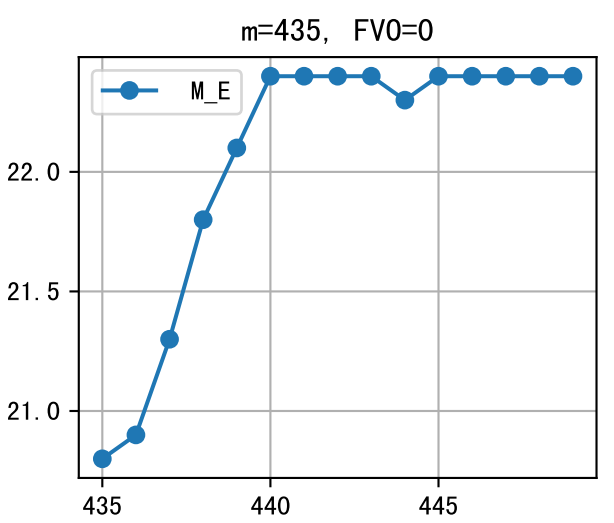
| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 05:30 | 283 | 150.0 | 2.888 | 阴 | 假设@05:30 自动（未用传感器） |
| 06:30 | 283 | 150.0 | 2.888 | 阴 | 假设@06:30 自动（未用传感器） |
| 08:15 | 283 | 150.0 | 2.888 | 阴 | 假设@08:15 自动（未用传感器） |
| 12:20 | 283 | 150.0 | 2.888 | 大雨 | 假设@12:20 自动（未用传感器） |
| 13:30 | 283 | 150.0 | 2.888 | 阴 | 假设@13:30 自动（未用传感器） |
| 14:10 | 283 | 150.0 | 2.888 | 阴 | 假设@14:10 自动（未用传感器） |
| 14:55 | 283 | 150.0 | 2.888 | 阴 | 假设@14:55 自动（未用传感器） |
| 15:50 | 283 | 150.0 | 2.888 | 多云 | 假设@15:50 自动（未用传感器） |
| 总计 | 2264.0 (8次) | 1200.0 | | | 建议进液EC：2200， PH：5.8 |

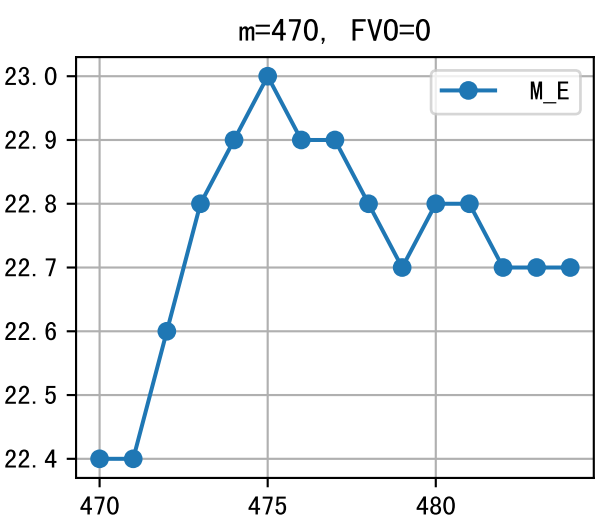
施肥机灌溉量与预期值不符 (184.0 : 150.0)，可能由于一阀多区不均匀
默认实际灌溉150.0 ml.
模型建议今天进液PH 5.77，由于施肥机不支持自动调控PH，请手动调整
进回液EC差(1803.0 vs 3663.0)过高
模型建议今天进液EC 2200.0

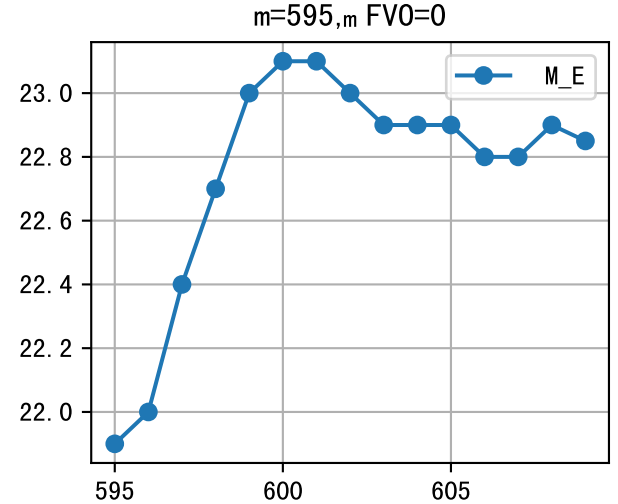
P3-11_0, Day=71 (2025-06-12)

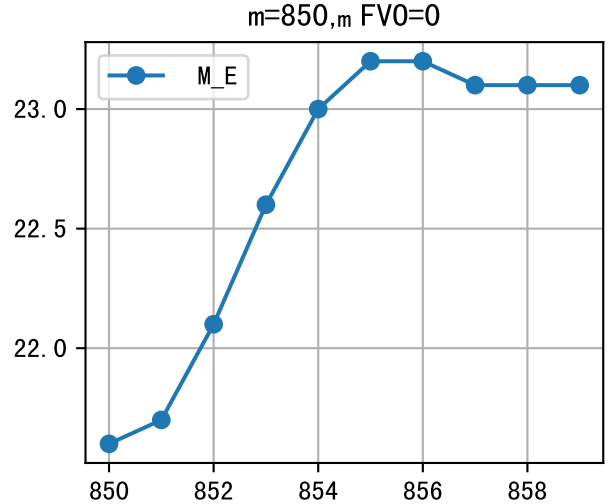

M_E

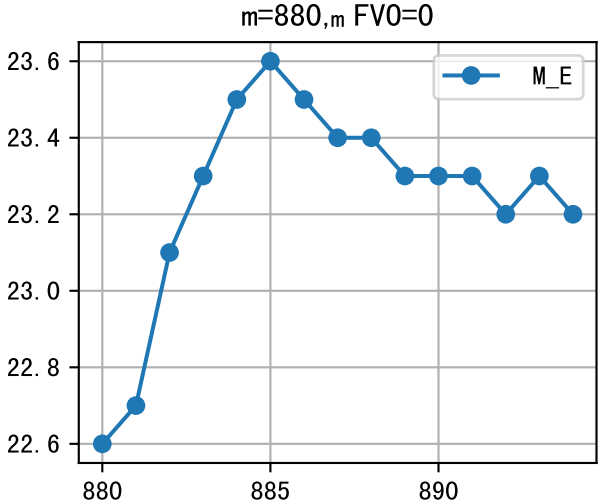

m=400, FV0=0
M_E

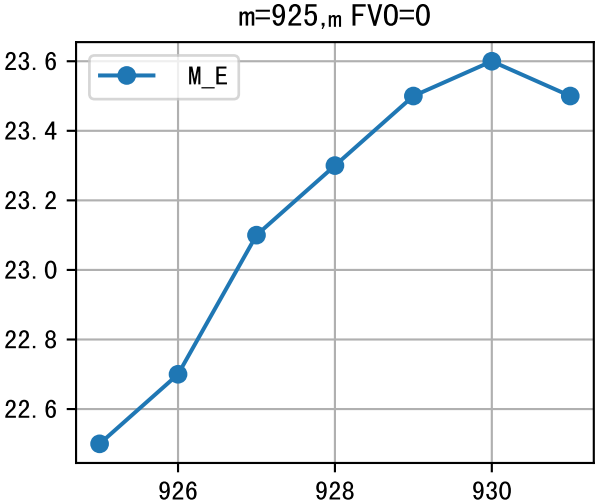

m=435, FV0=0
M_E

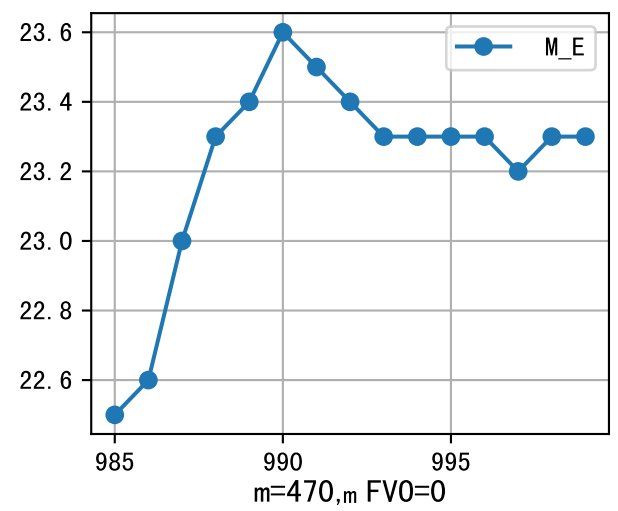

m=470, FV0=0
M_E

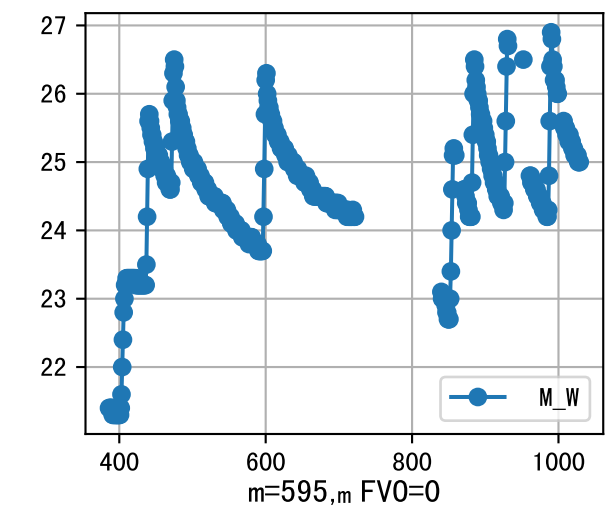

m=595,m FV0=0
M_E
m=985,m FV0=0

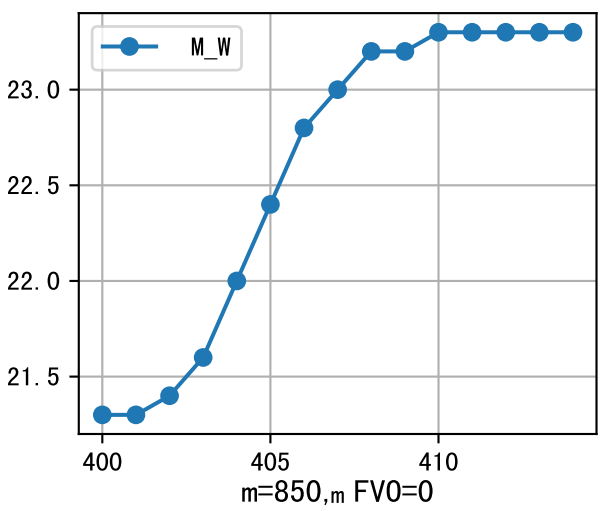

m=850,m FV0=0
M_E
m

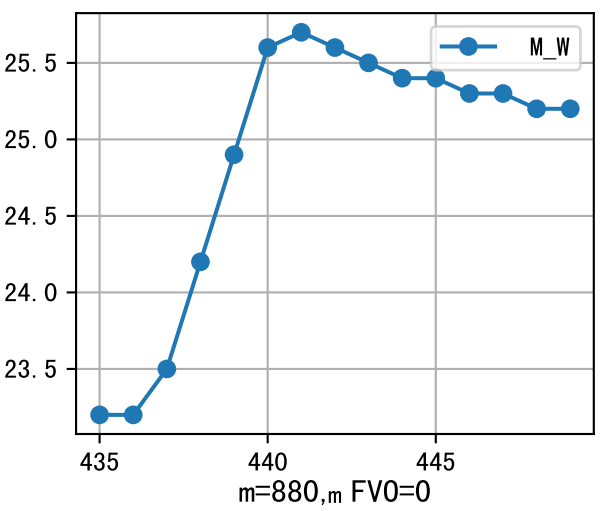

m=880,m FV0=0
M_E
m=400,m FV0=0

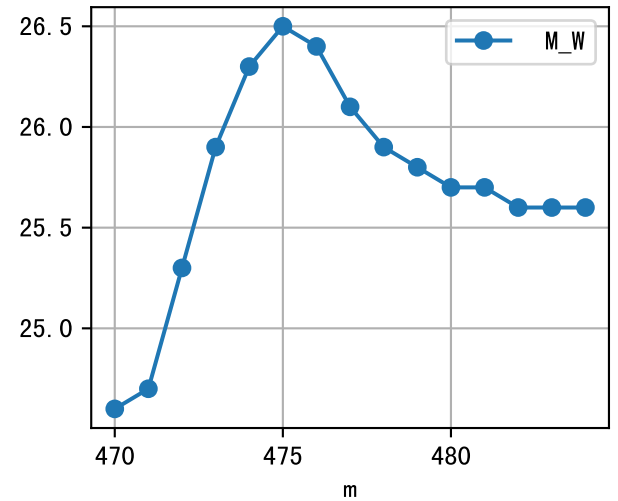

m=925,m FV0=0
M_E
m=435,m FV0=0

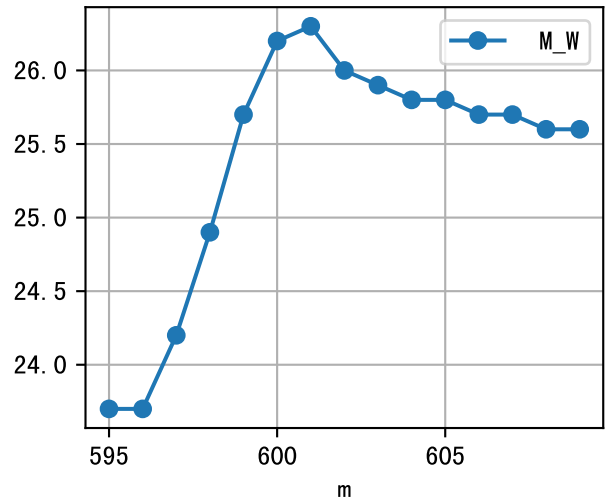

M_E
m=470,m FV0=0

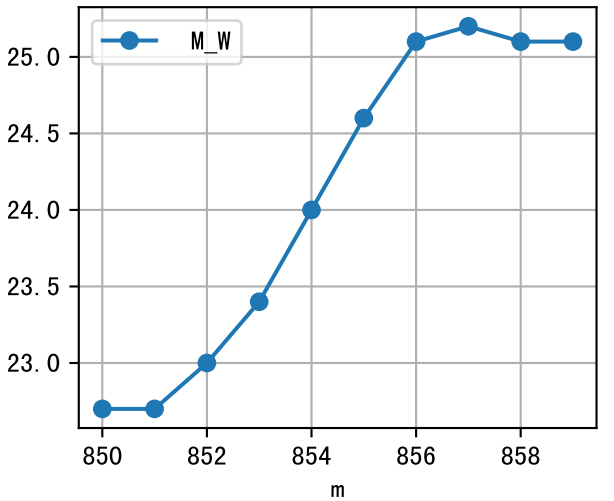

M_E
M_W
m=595,m FV0=0

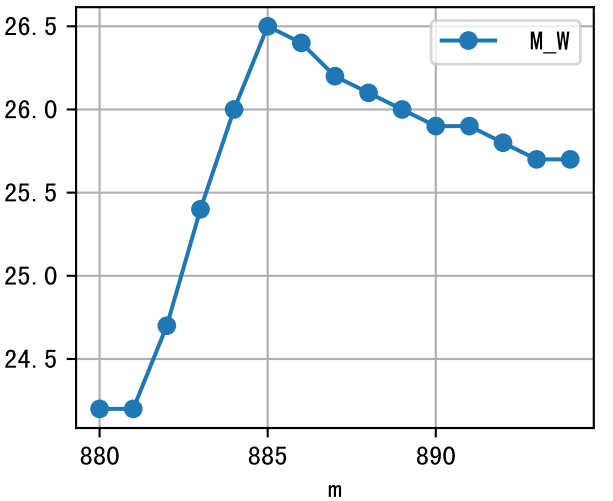

M_W
m=850,m FV0=0

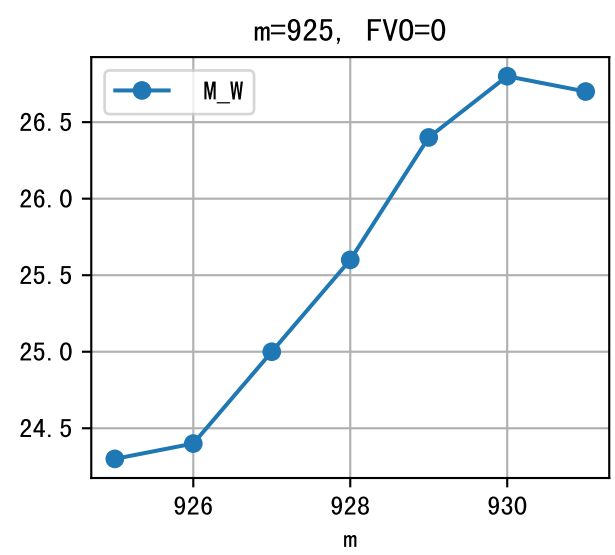

M_W
m=880,m FV0=0

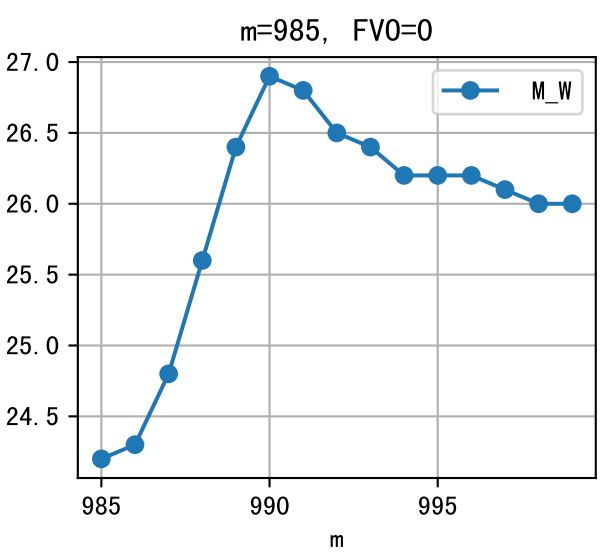

M_W
m

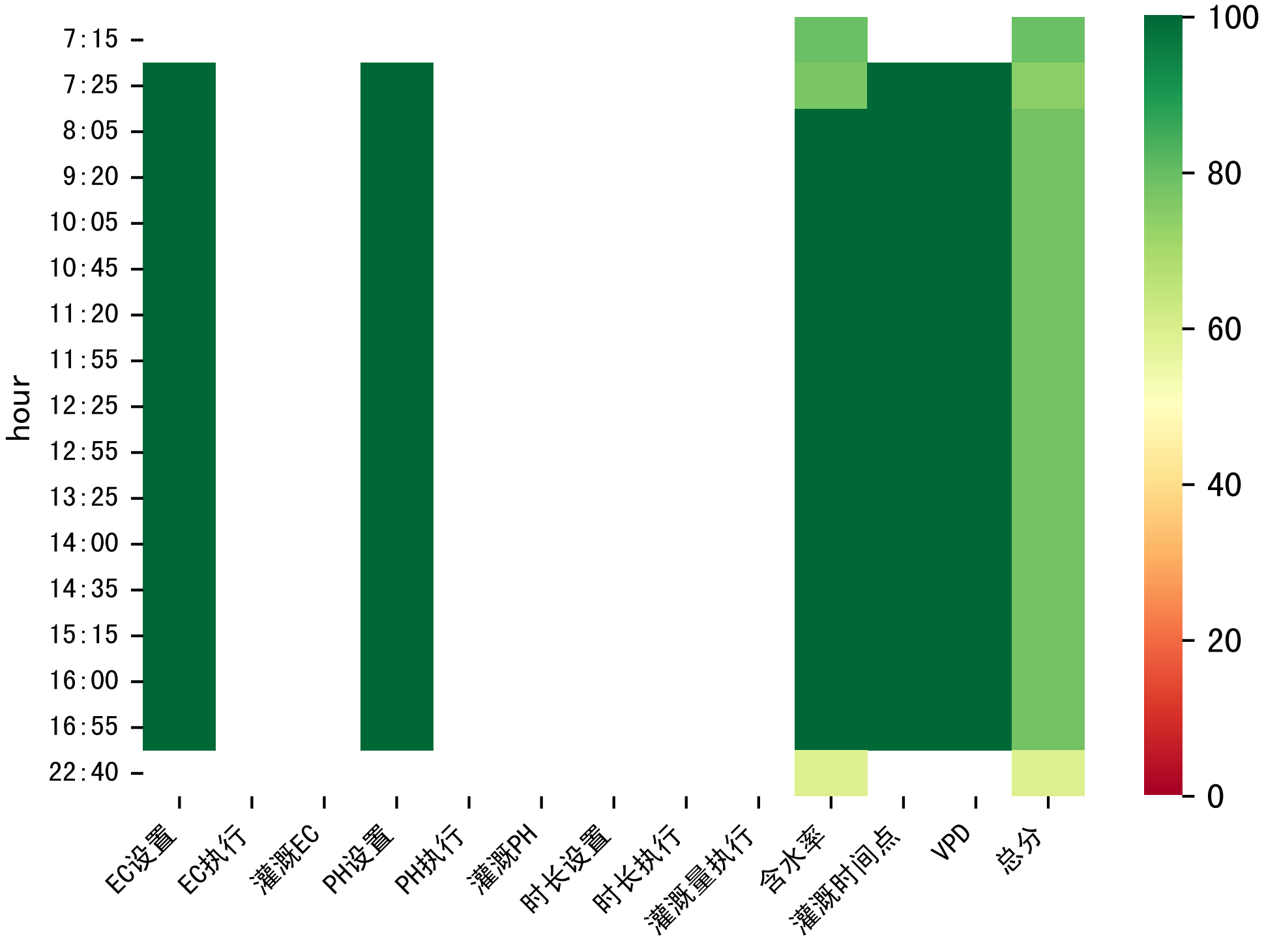

M_W
m


M_W
m


M_W
m


m=925, FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
926
928
930
m

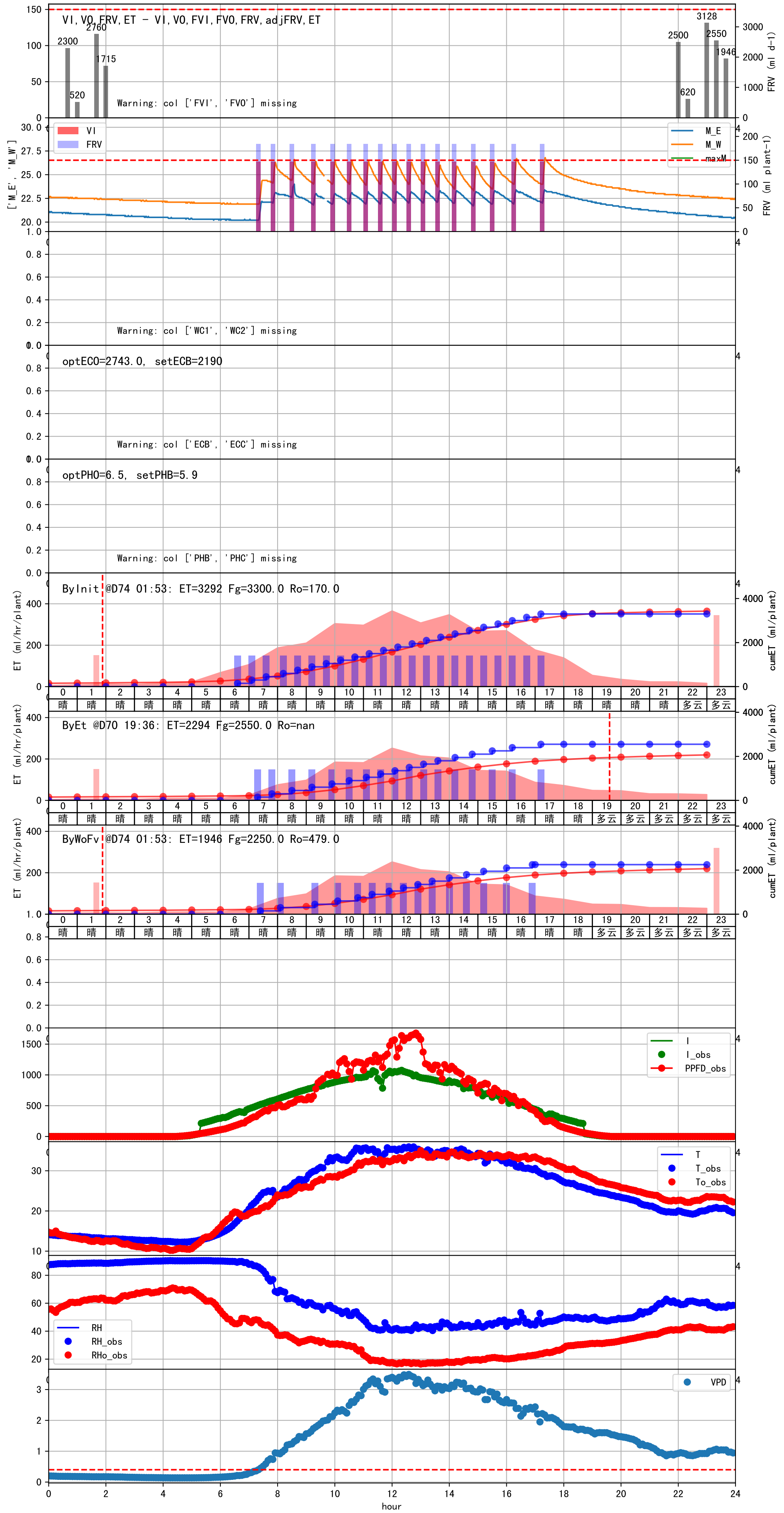

m=985, FV0=0
M_W
27.0
26.5
26.0
25.5
25.0
24.5
985
990
995
m

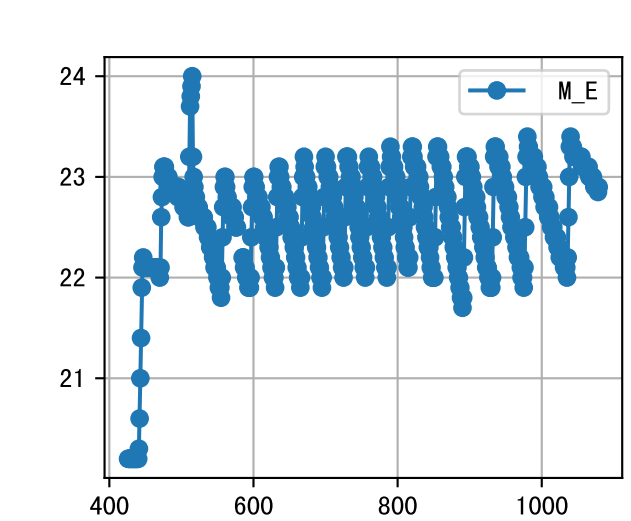

hour
7:15
7:25
8:05
9:20
10:05
10:45
11:20
11:55
12:25
12:55
13:25
14:00
14:35
15:15
16:00
16:55
22:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

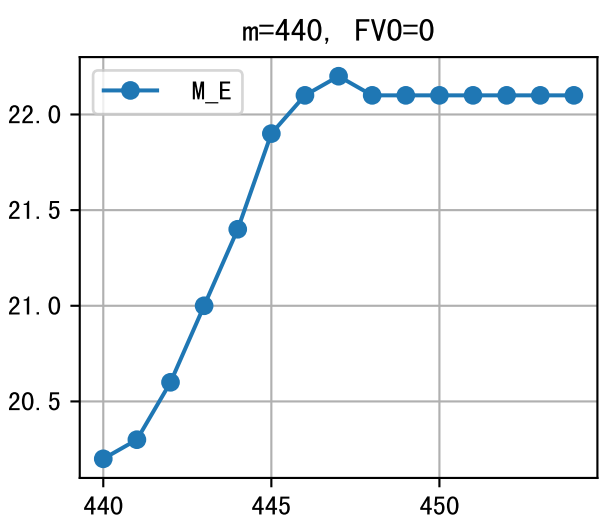
| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 07:25 | 283 | 150.0 | 2.888 | 晴 | 假设@07:25 自动（未用传感器） |
| 08:05 | 283 | 150.0 | 2.888 | 晴 | 假设@08:05 自动（未用传感器） |
| 09:20 | 283 | 150.0 | 2.888 | 晴 | 假设@09:20 自动（未用传感器） |
| 10:05 | 283 | 150.0 | 2.888 | 晴 | 假设@10:05 自动（未用传感器） |
| 10:45 | 283 | 150.0 | 2.888 | 晴 | 假设@10:45 自动（未用传感器） |
| 11:20 | 283 | 150.0 | 2.888 | 晴 | 假设@11:20 自动（未用传感器） |
| 11:55 | 283 | 150.0 | 2.888 | 晴 | 假设@11:55 自动（未用传感器） |
| 12:25 | 283 | 150.0 | 2.888 | 晴 | 假设@12:25 自动（未用传感器） |
| 12:55 | 283 | 150.0 | 2.888 | 晴 | 假设@12:55 自动（未用传感器） |
| 13:25 | 283 | 150.0 | 2.888 | 晴 | 假设@13:25 自动（未用传感器） |
| 14:00 | 283 | 150.0 | 2.888 | 晴 | 假设@14:00 自动（未用传感器） |
| 14:35 | 283 | 150.0 | 2.888 | 晴 | 假设@14:35 自动（未用传感器） |
| 15:15 | 283 | 150.0 | 2.888 | 晴 | 假设@15:15 自动（未用传感器） |
| 16:00 | 283 | 150.0 | 2.888 | 晴 | 假设@16:00 自动（未用传感器） |
| 16:55 | 283 | 150.0 | 2.888 | 晴 | 假设@16:55 自动（未用传感器） |
| 总计 | 4245.0 (15次) | 2250.0 | | | 建议进液EC：2190， PH：5.9 |

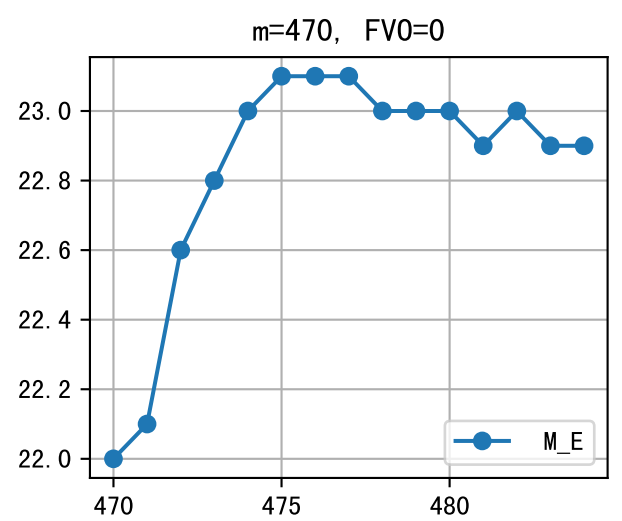
施肥机灌溉量与预期值不符 (184.0 : 150.0)，可能由于一阀多区不均匀
默认实际灌溉150.0 ml.
模型建议今天进液PH 5.93
进回液EC差(1847.0 vs 3827.0)过高
模型建议今天进液EC 2194.0

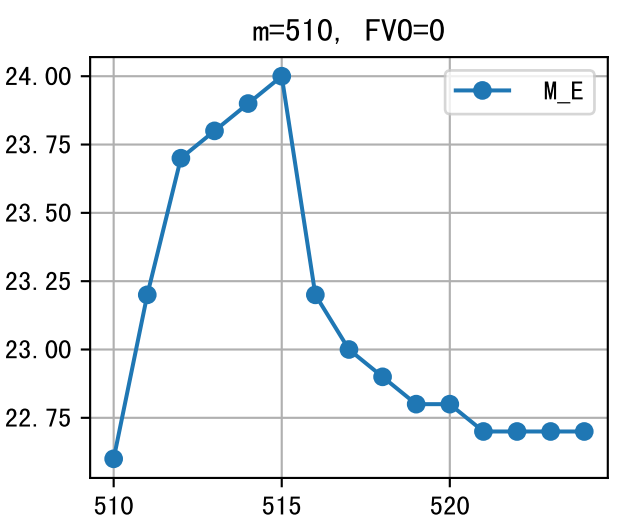
P3-11_0, Day=70 (2025-06-11)

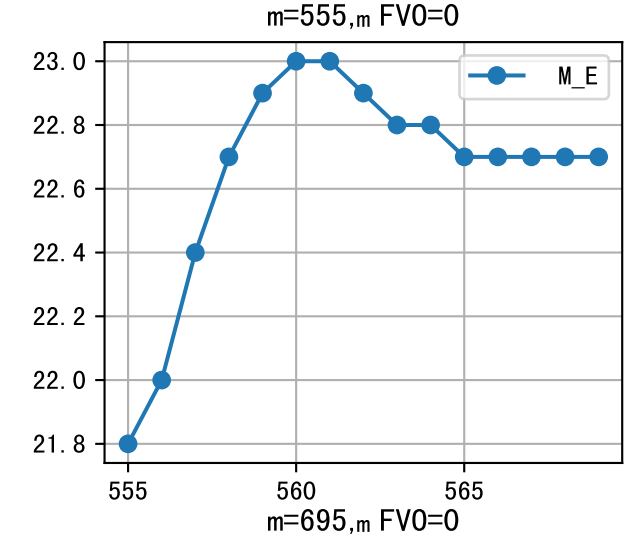


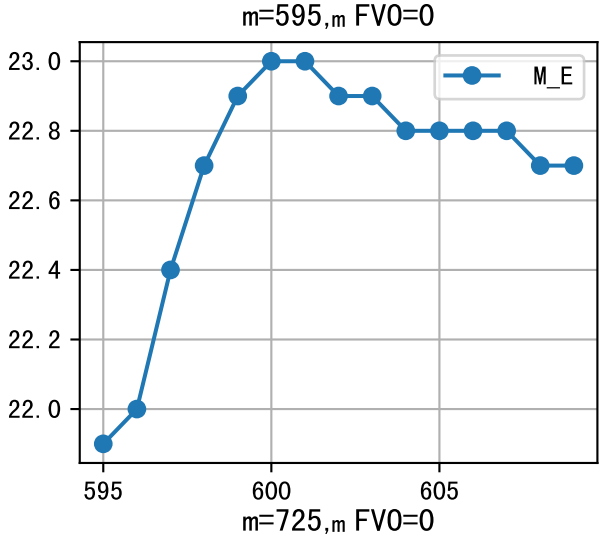

M_E

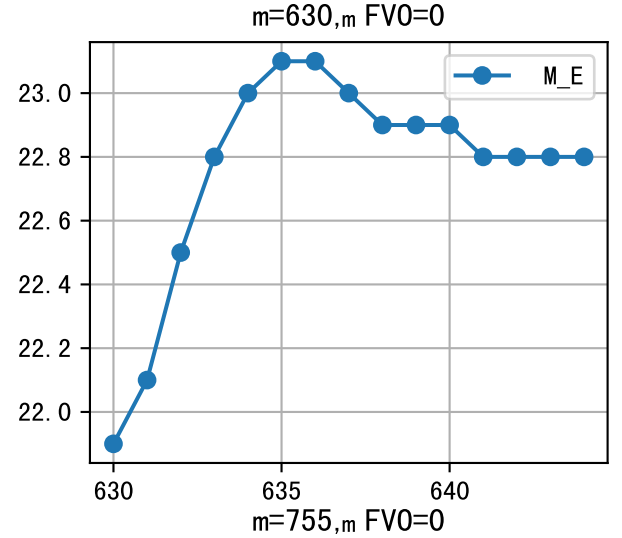

m=440, FV0=0
M_E

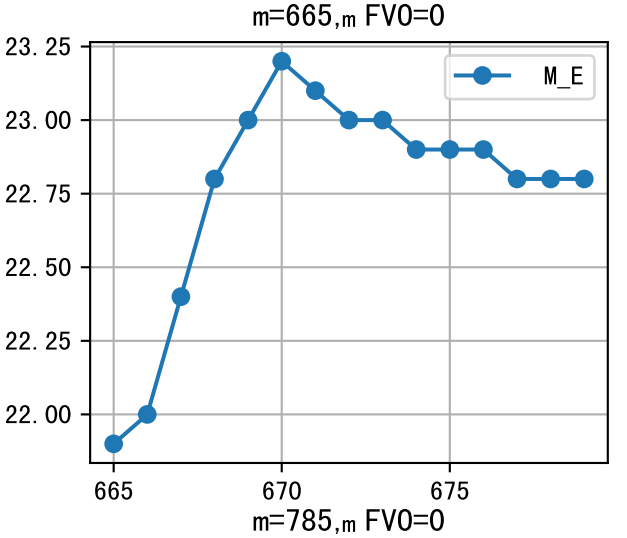

m=470, FV0=0
M_E

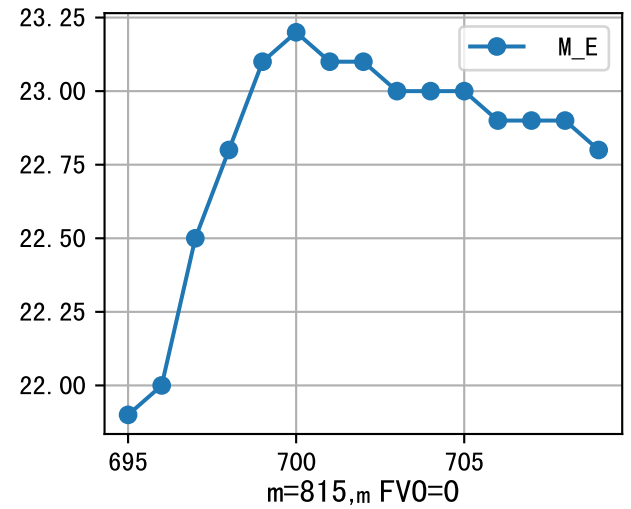

m=510, FV0=0
M_E

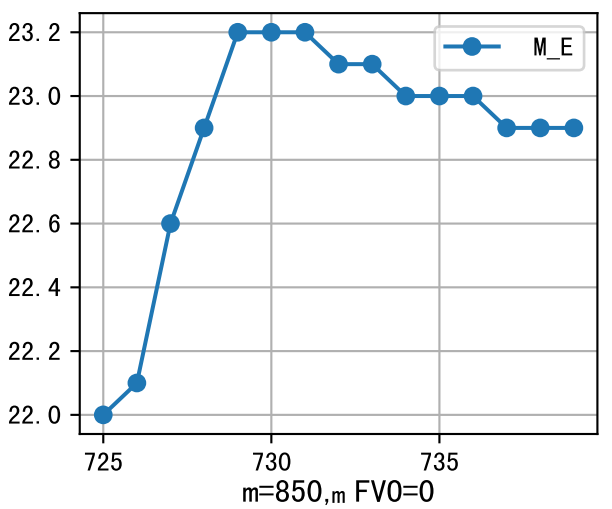

m=555,m FV0=0
M_E

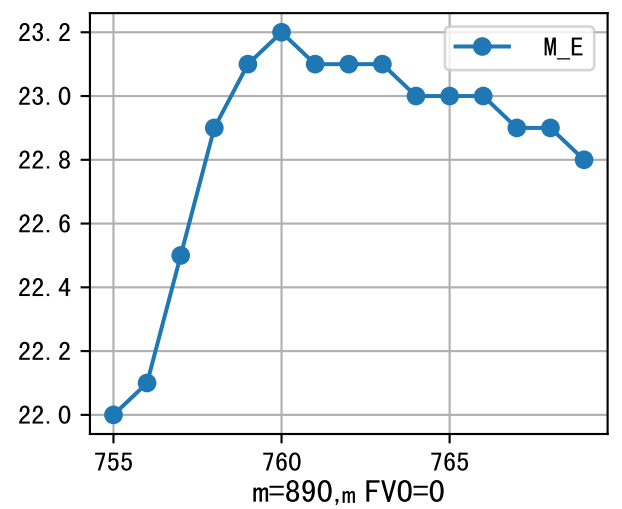

m=595,m FV0=0
M_E

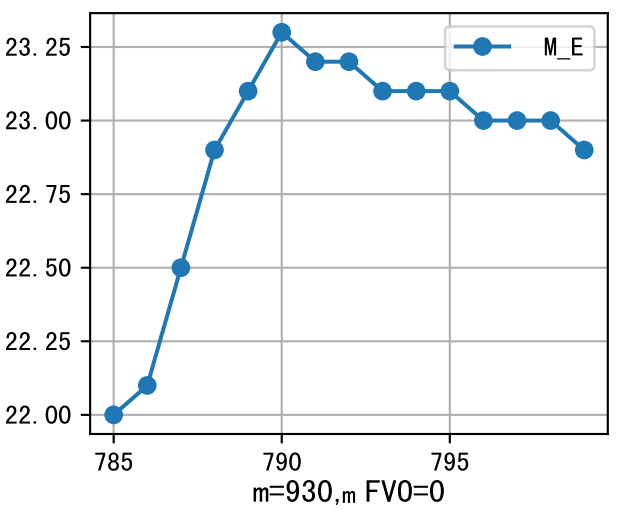

m=630,m FV0=0
M_E

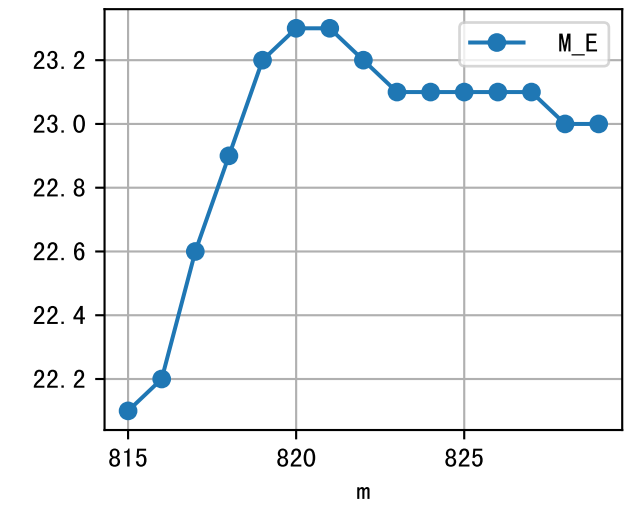

m=665,m FV0=0
M_E

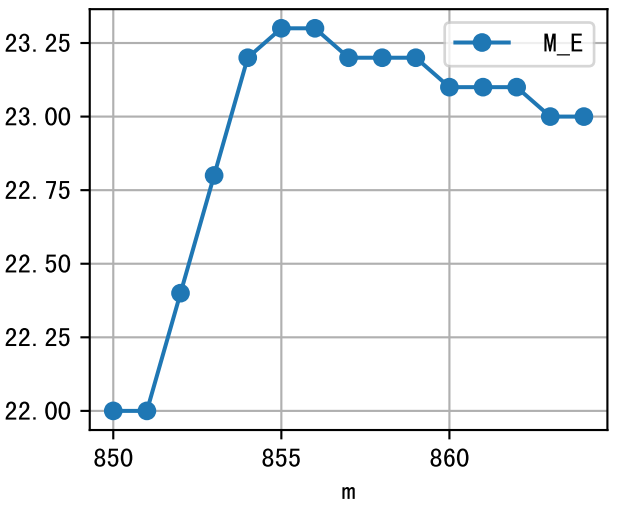

m=695,m FV0=0
M_E

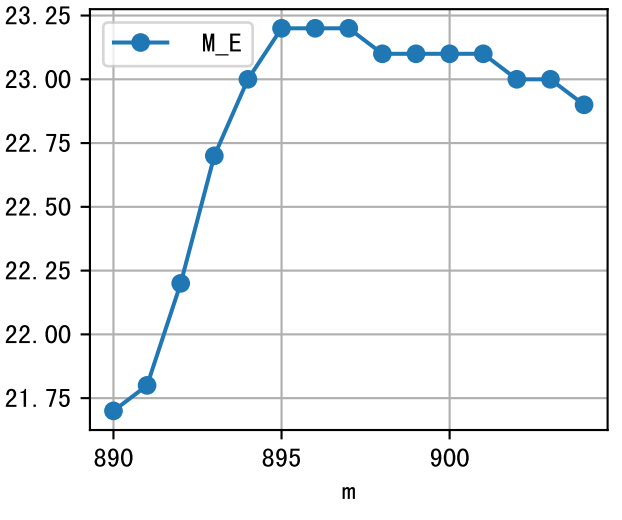

m=725,m FV0=0
M_E

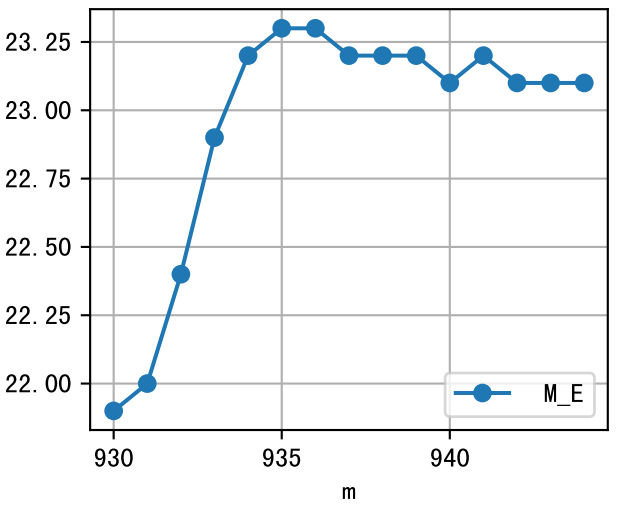

m=755,m FV0=0
M_E

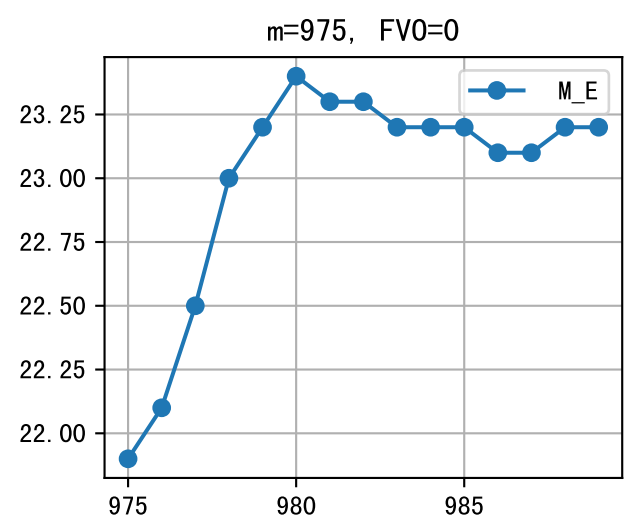

m=785,m FV0=0
M_E

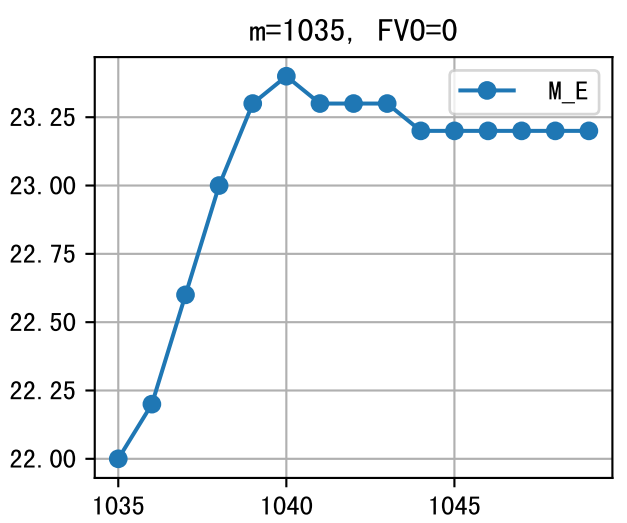

m=815,m FV0=0
M_E
m

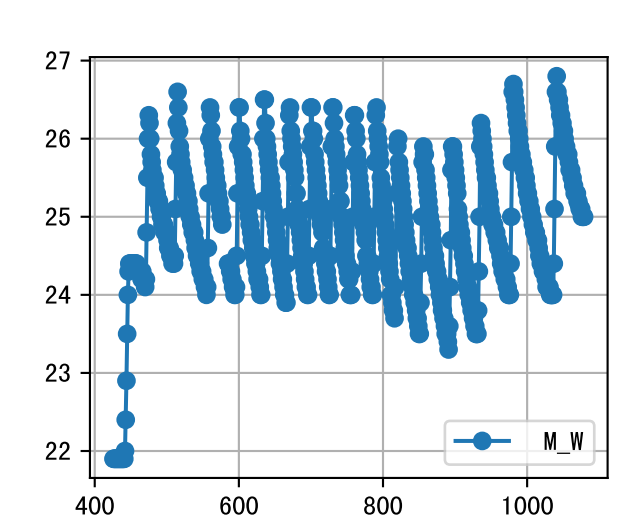

m=850,m FV0=0
M_E
m

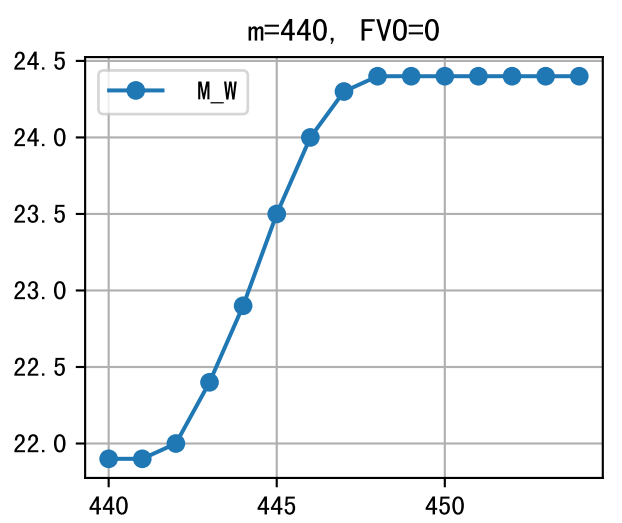

m=890,m FV0=0
M_E
m

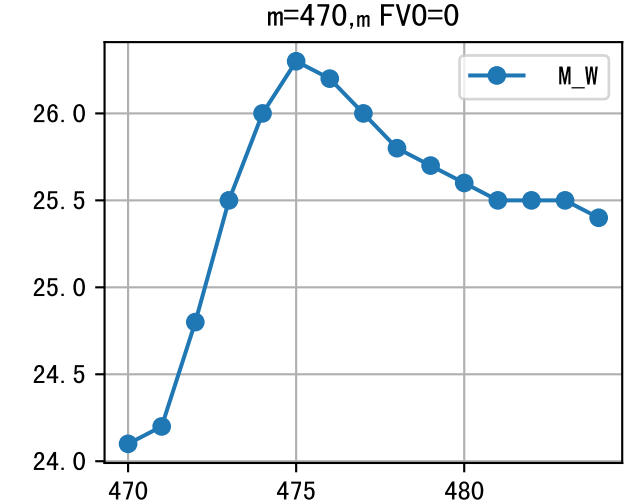

m=930,m FV0=0
M_E
m

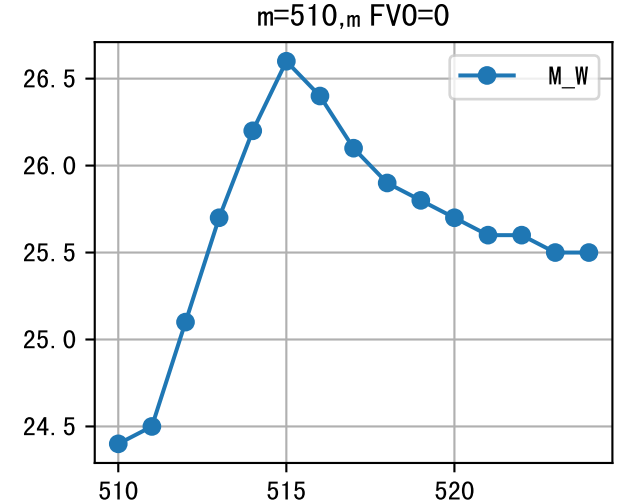

m=975, FV0=0
M_E
23.25
23.00
22.75
22.50
22.25
22.00
975
980
985

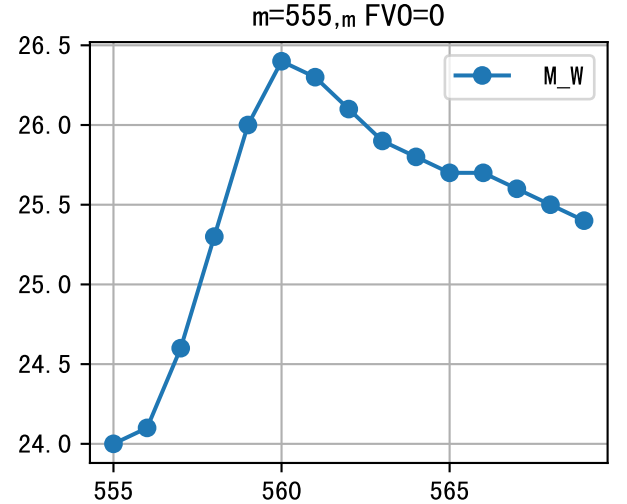

m=1035, FV0=0
M_E
23.25
23.00
22.75
22.50
22.25
22.00
1035
1040
1045

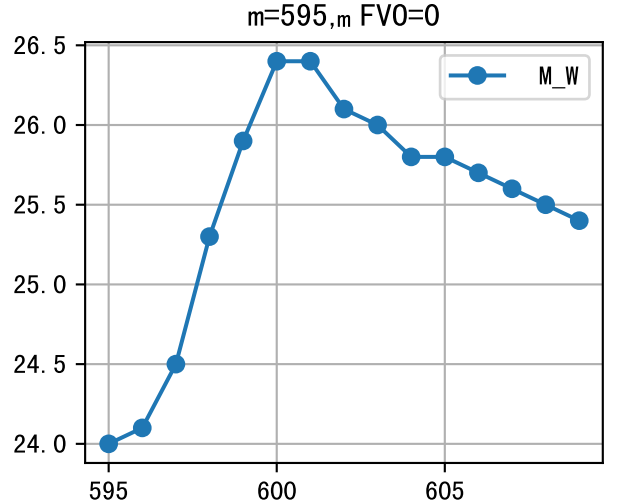

27
26
25
24
23
22
M_W
400
600
800
1000

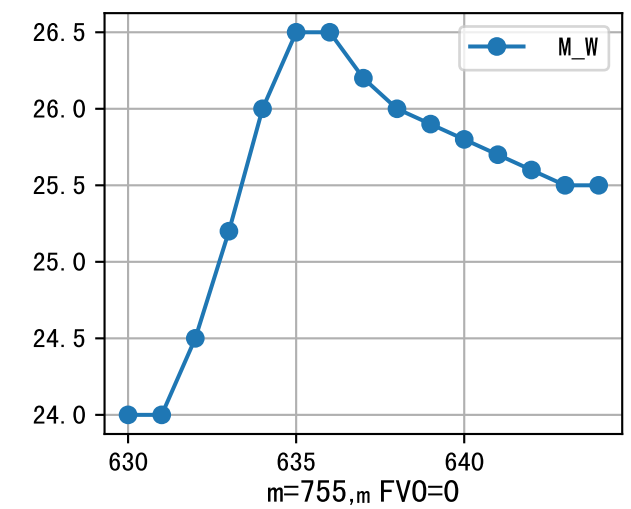

m=440, FV0=0
M_W
24.5
24.0
23.5
23.0
22.5
22.0
440
445
450

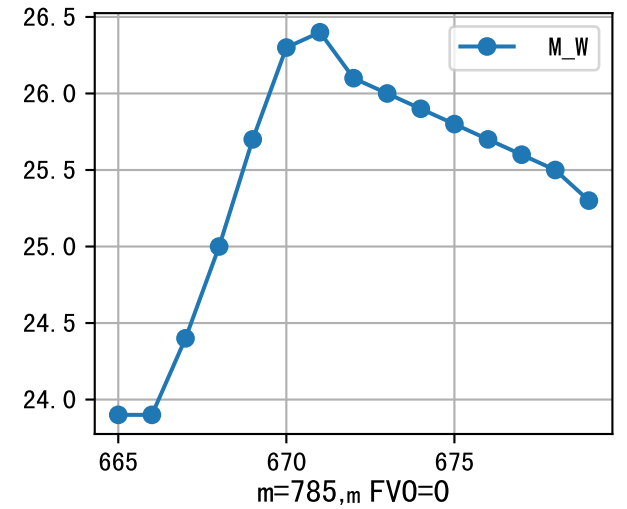

m=470,m FV0=0
M_W
26.0
25.5
25.0
24.5
24.0
470
475
480

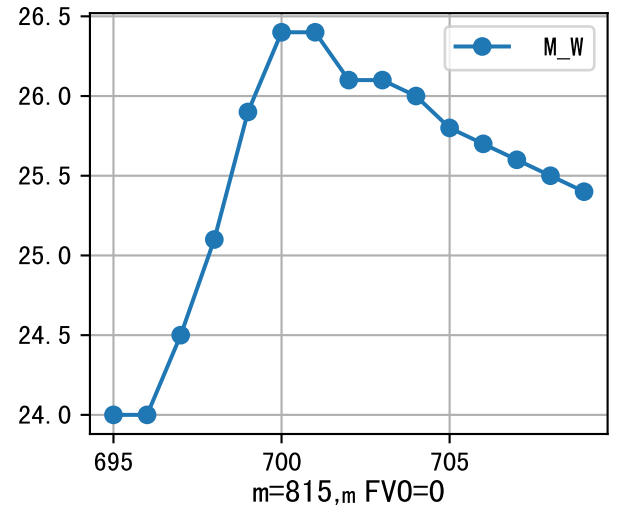

m=510,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
510
515
520

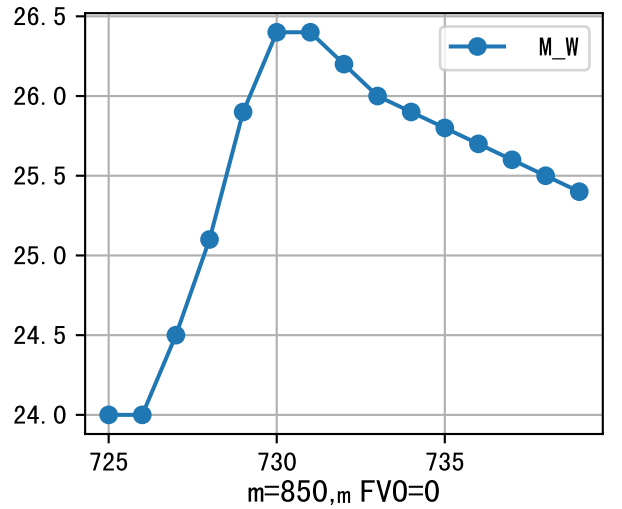

m=555,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
555
560
565

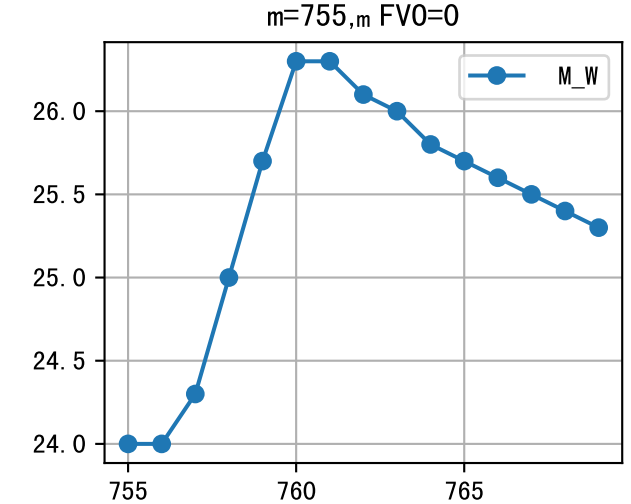

m=595,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
595
600
605

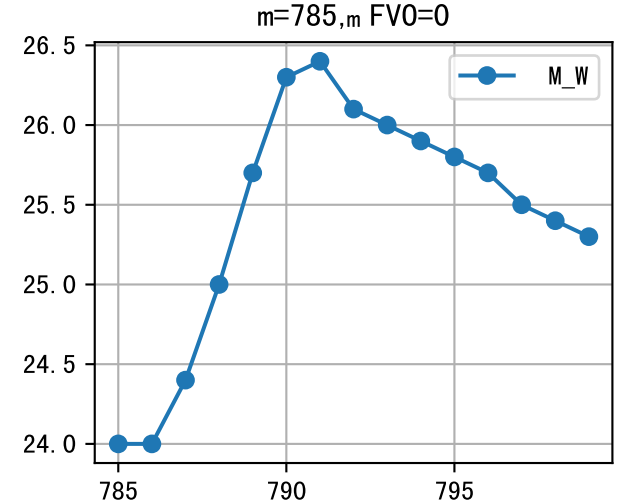

m=630,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
630
635
640

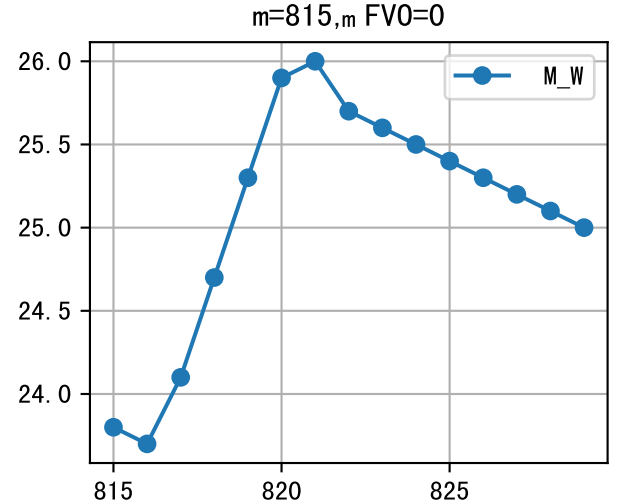

m=665,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
665
670
675

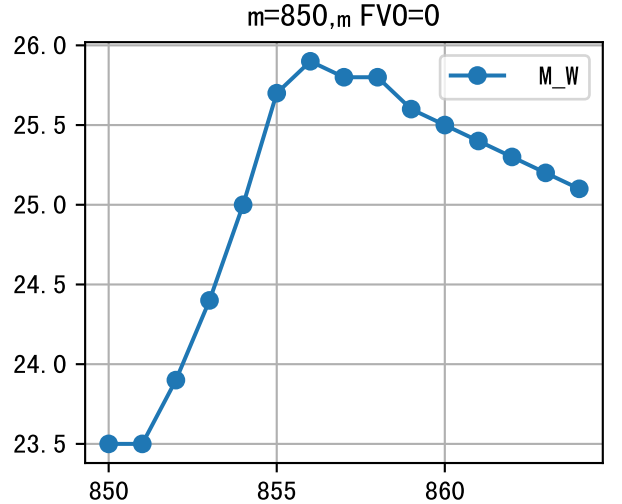

m=695,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
695
700
705

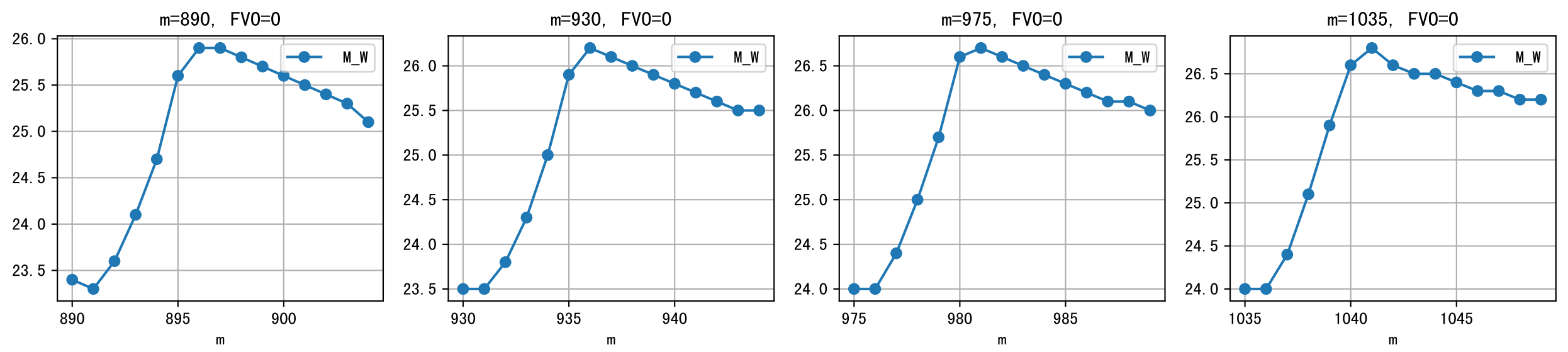

m=725,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
725
730
735


m=755,m FV0=0
M_W
26.0
25.5
25.0
24.5
24.0
755
760
765
m


m=785,m FV0=0
M_W
26.5
26.0
25.5
25.0
24.5
24.0
785
790
795
m


m=815,m FV0=0
M_W
26.0
25.5
25.0
24.5
24.0
815
820
825
m


m=850,m FV0=0
M_W
26.0
25.5
25.0
24.5
24.0
23.5
850
855
860
m


m=890, FV0=0
m=930, FV0=0
m=975, FV0=0
m=1035, FV0=0
M_W
m