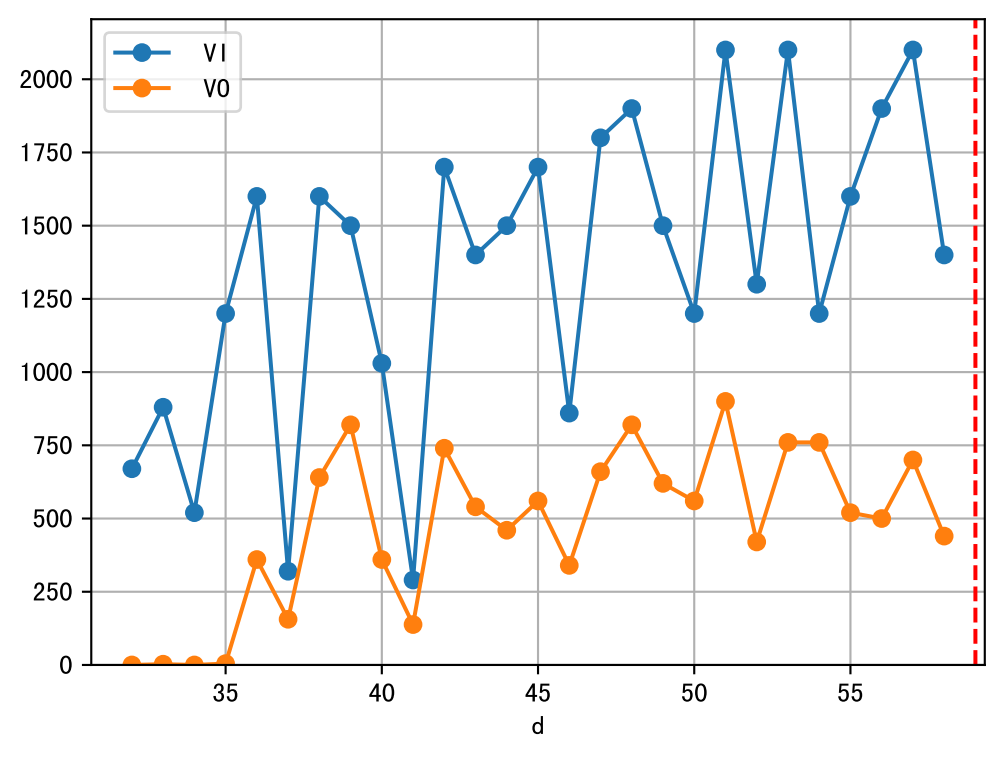
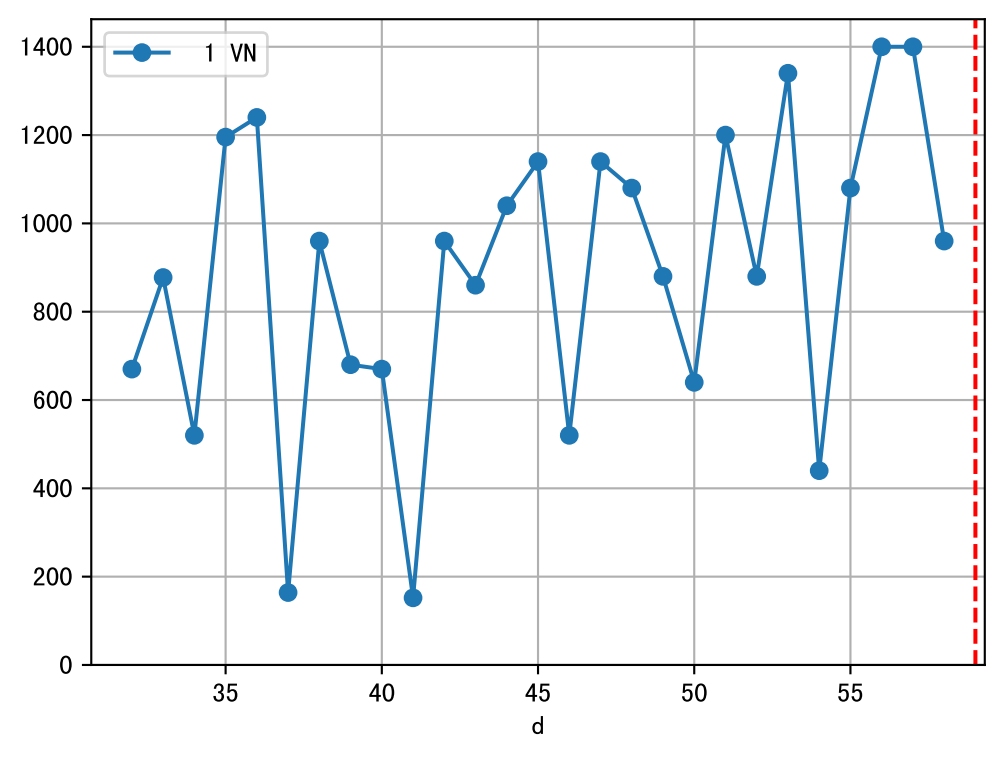
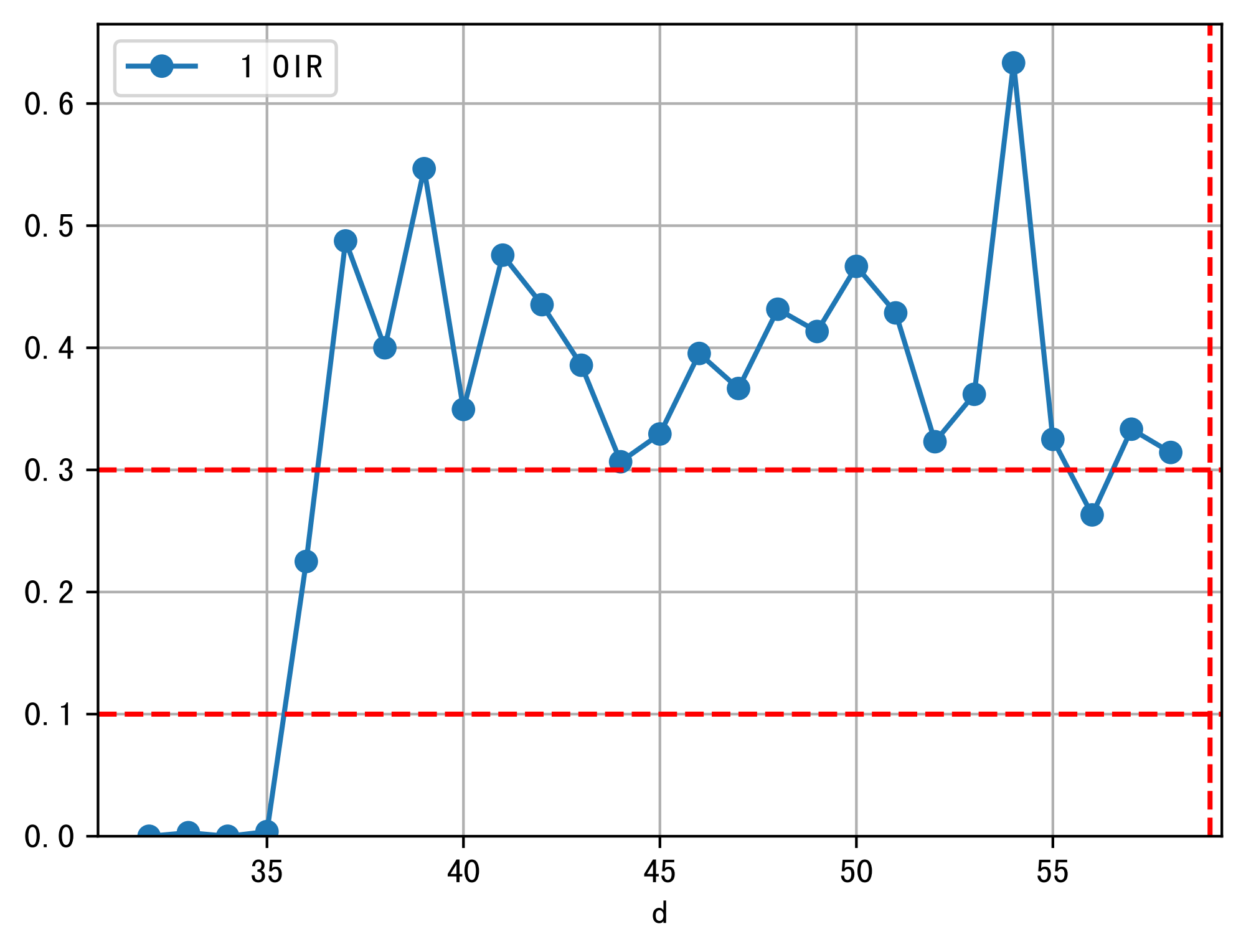
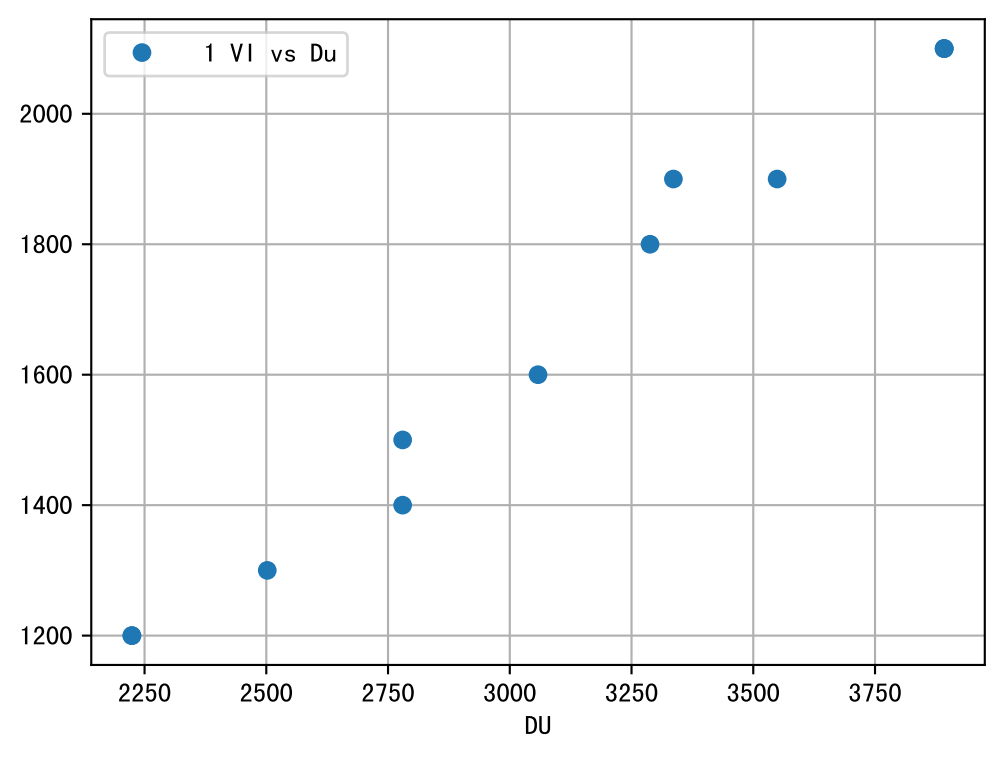
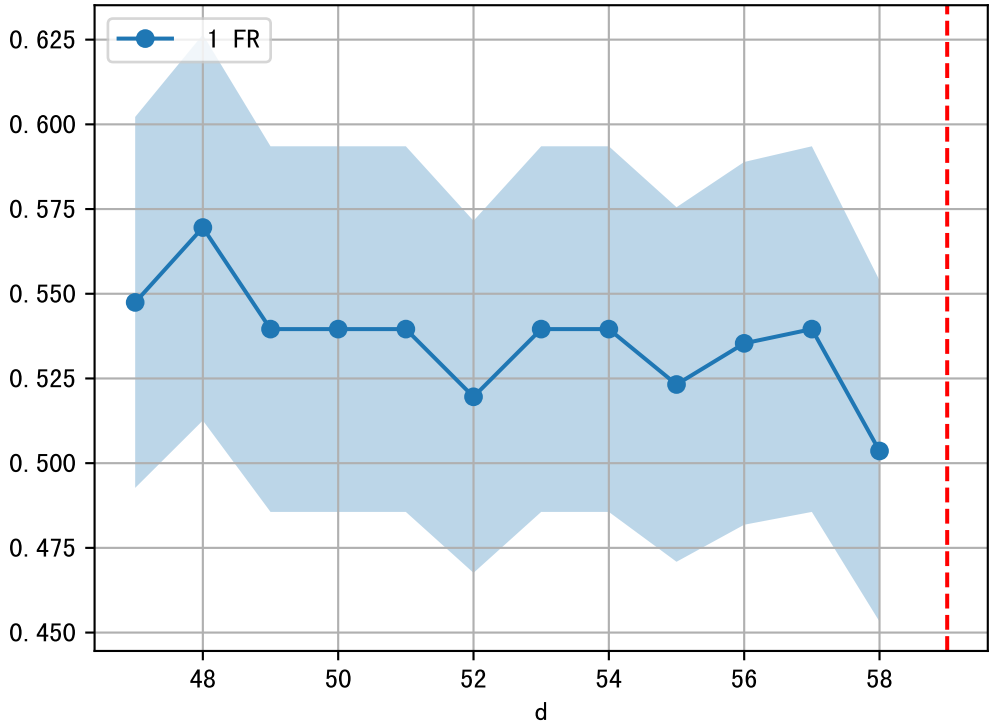
FgArea: ['0']
NC11 P3-7
2025-05-27 (Day 59)

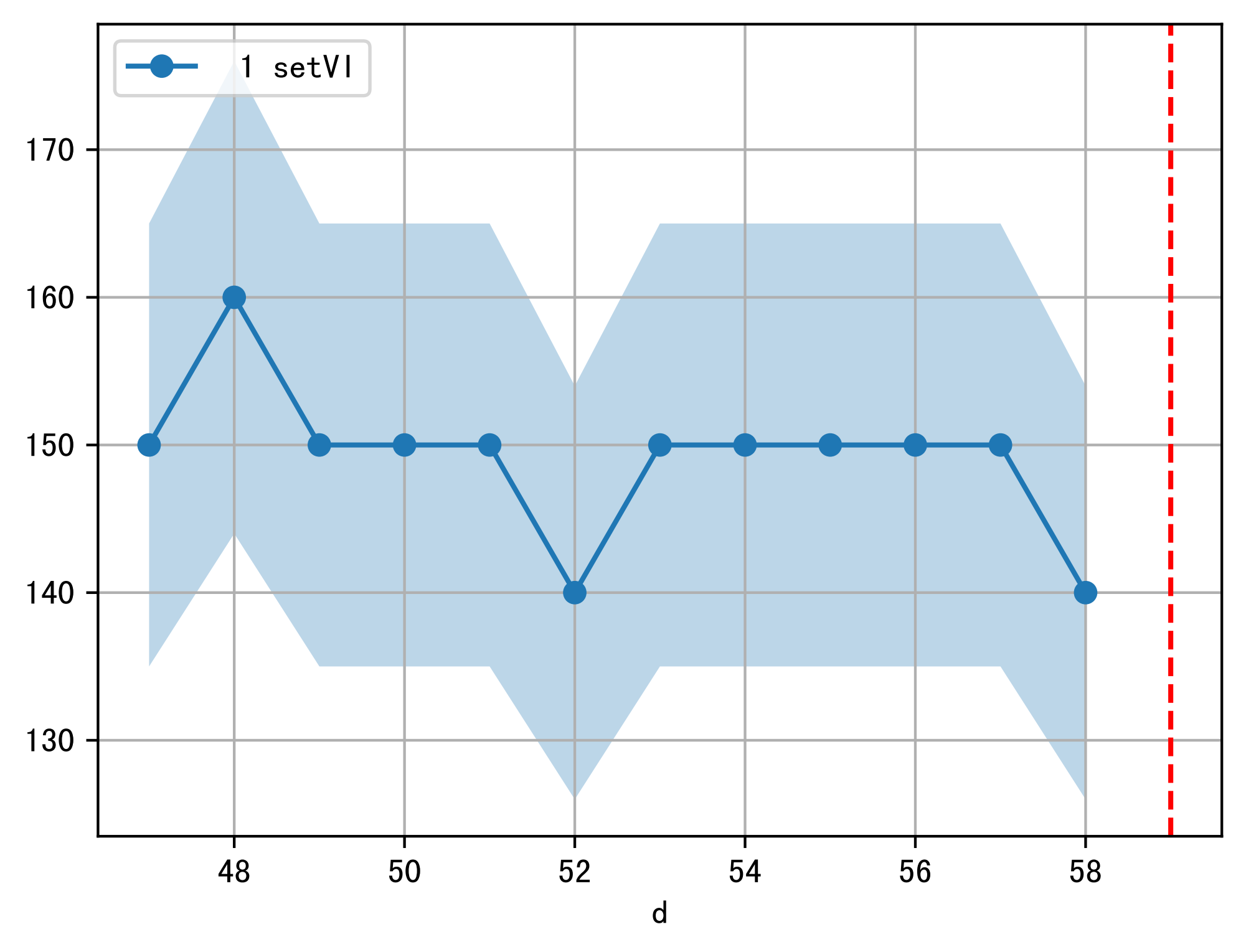

VI
V0
2000
1750
1500
1250
1000
750
500
250
0
35
40
45
50
55
d

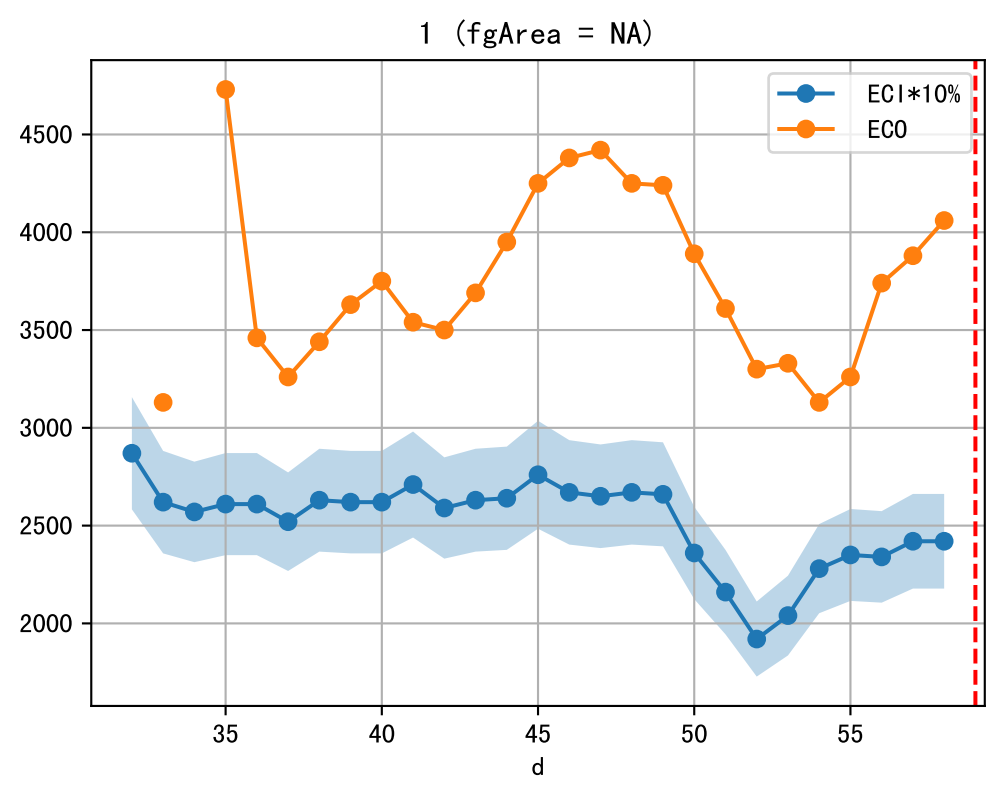

1 VN
1400
1200
1000
800
600
400
200
0
35
40
45
50
55
d

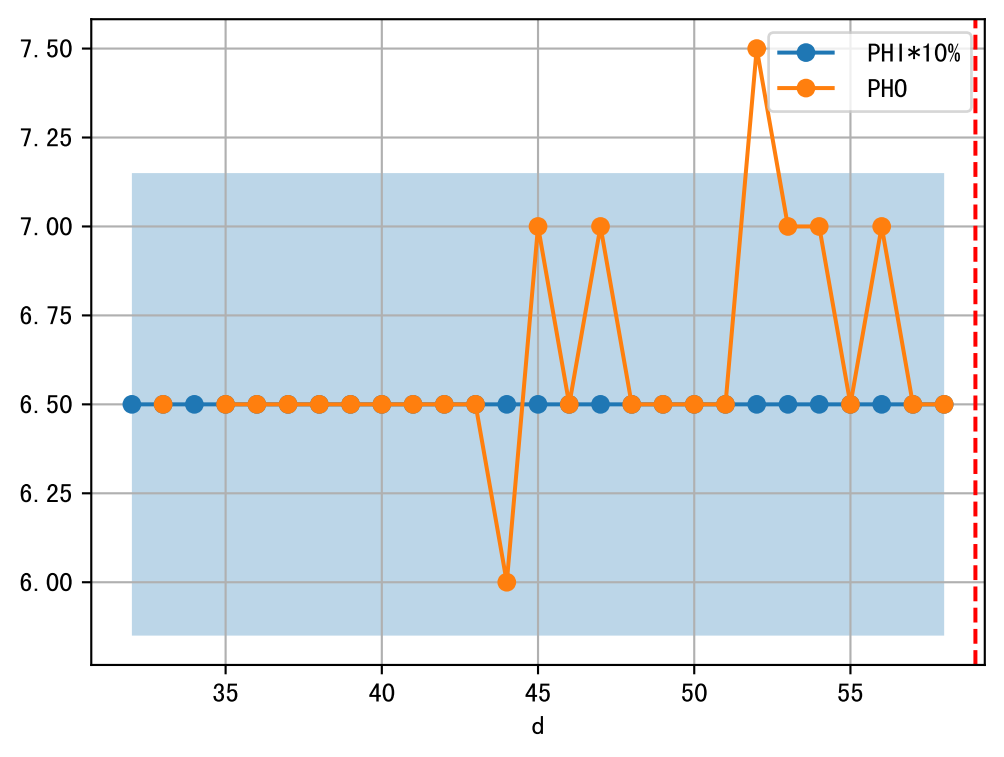

1 0IR
0.6
0.5
0.4
0.3
0.2
0.1
0.0
35
40
45
50
55
d

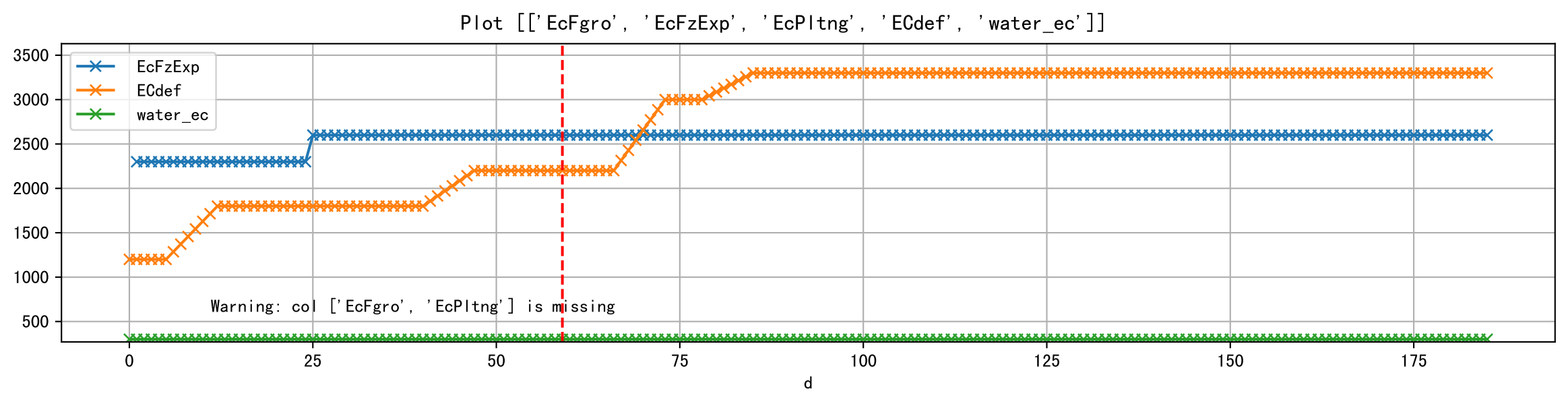

1 VI vs Du
2000
1800
1600
1400
1200
2250
2500
2750
3000
3250
3500
3750
DU

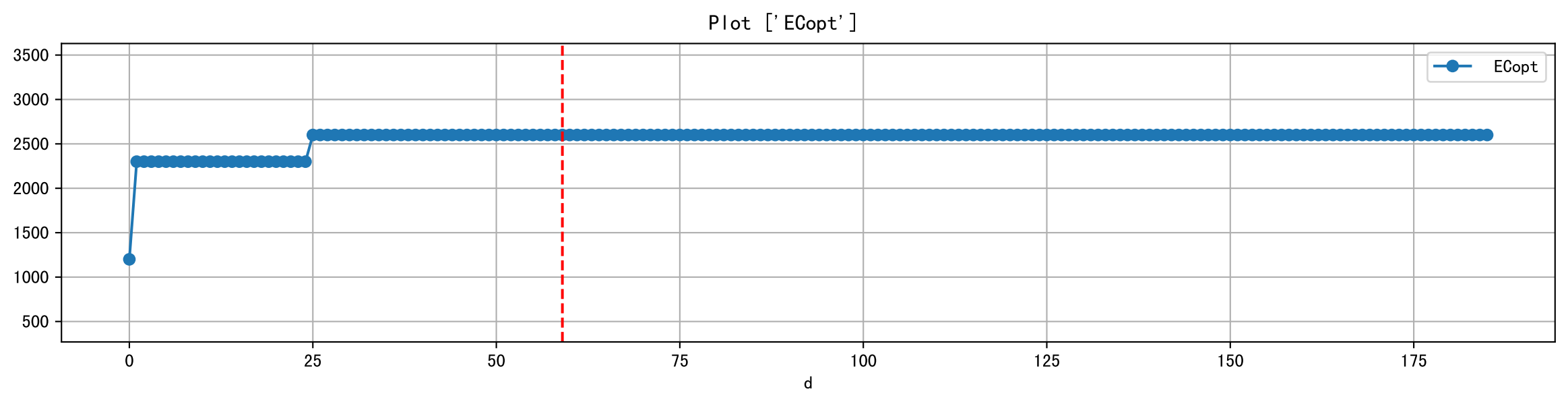

1 FR
0.625
0.600
0.575
0.550
0.525
0.500
0.475
0.450
48
50
52
54
56
58
d


1 setVI
170
160
150
140
130
48
50
52
54
56
58
d

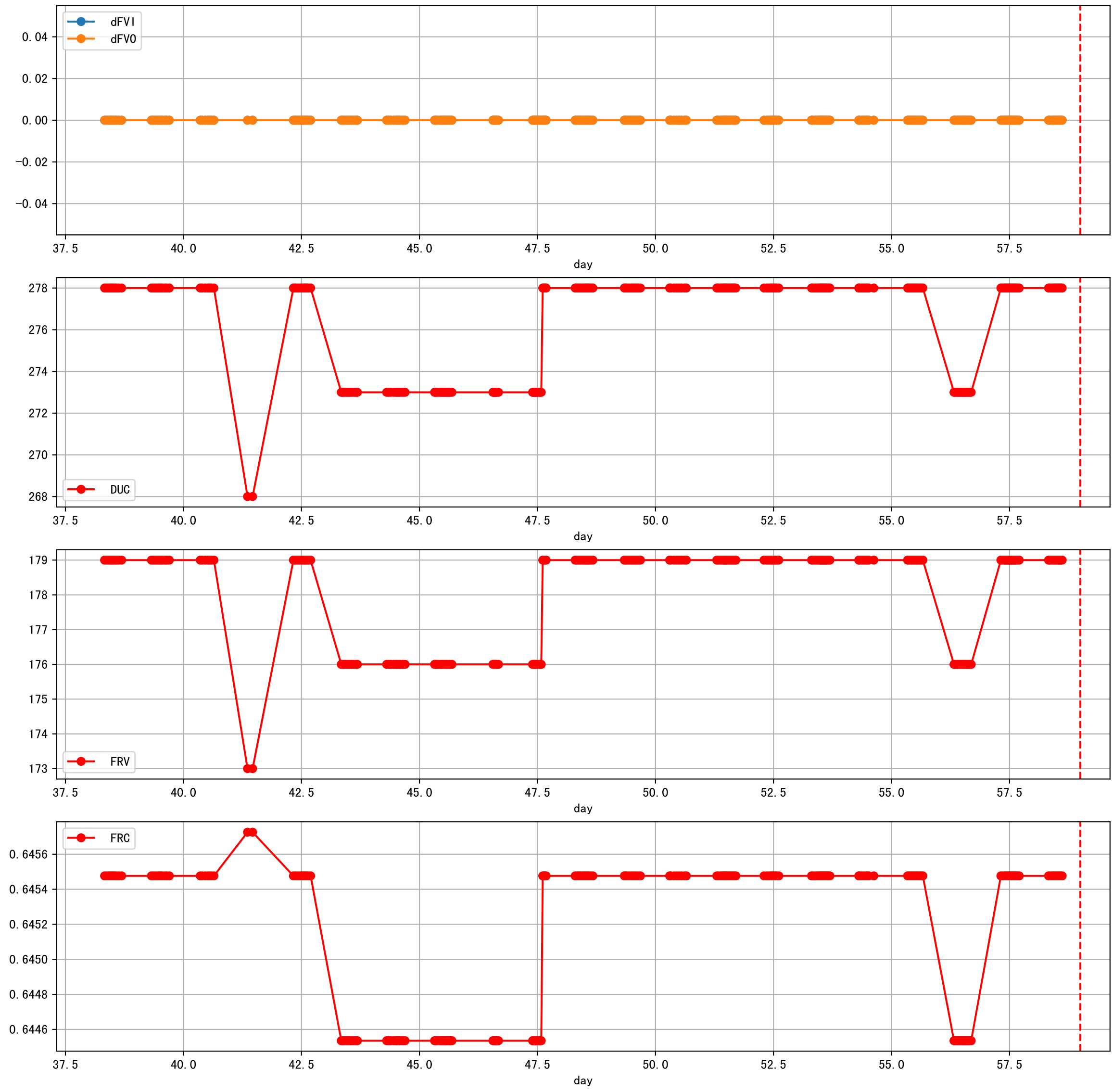

1 (fgArea = NA)
ECI*10%
ECO
4500
4000
3500
3000
2500
2000
35
40
45
50
55
d


PH1*10%
PH0
7.50
7.25
7.00
6.75
6.50
6.25
6.00
35
40
45
50
55
d

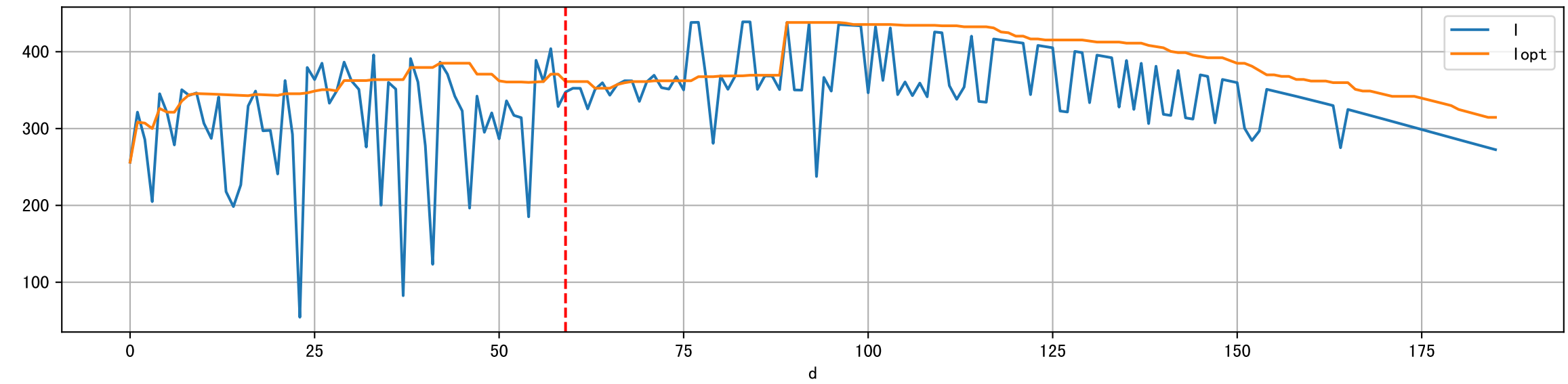

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

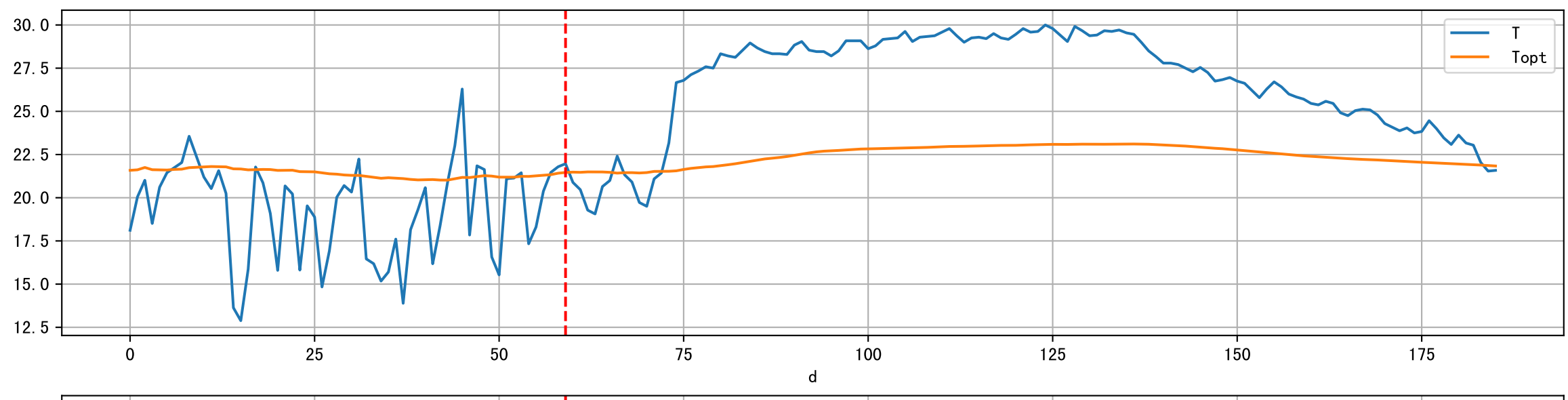

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

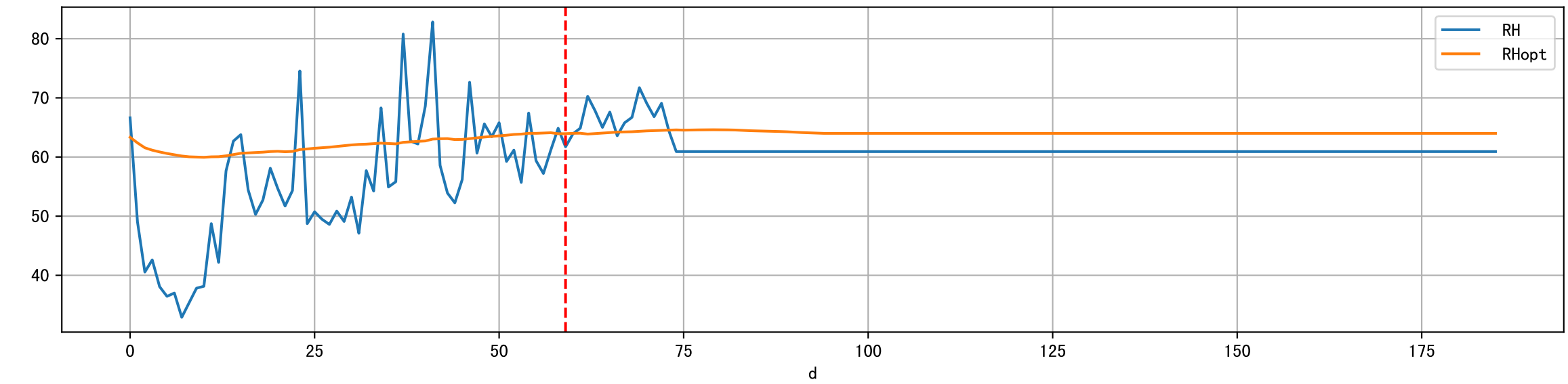
Plot Sensor and FgRec Data

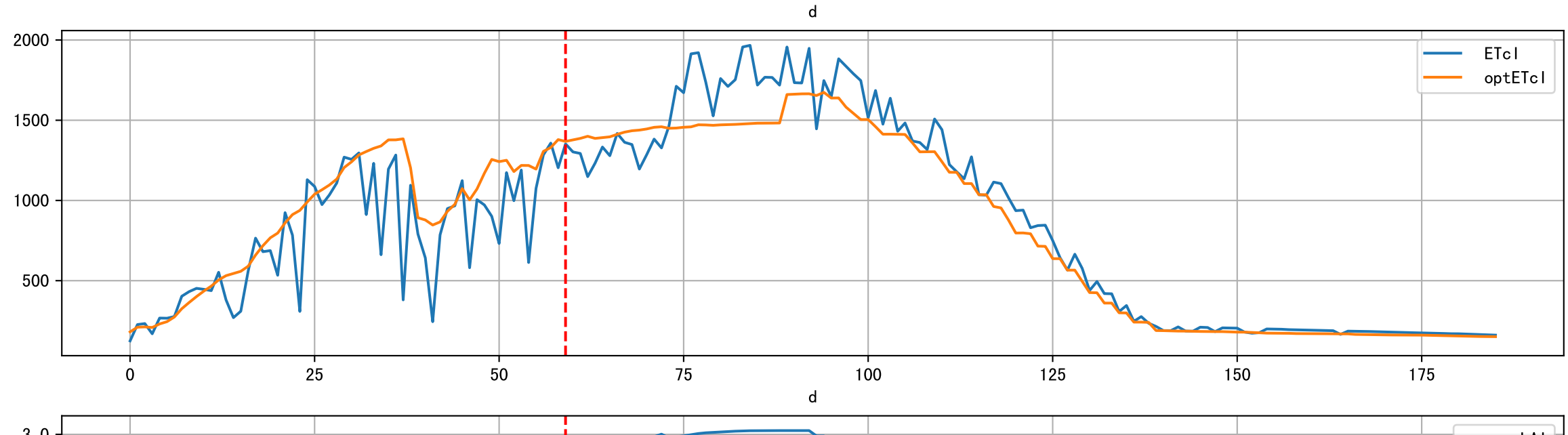


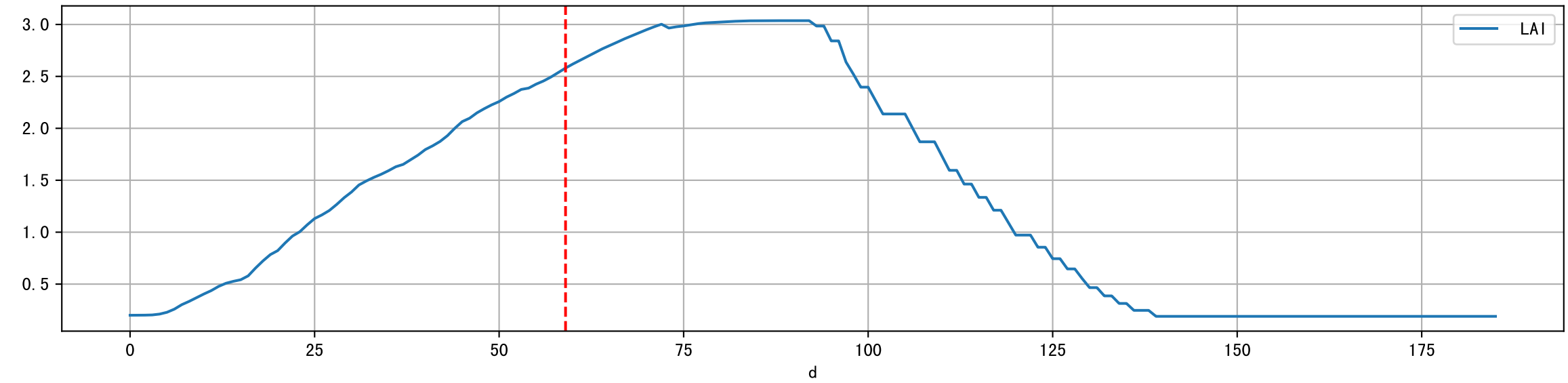
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

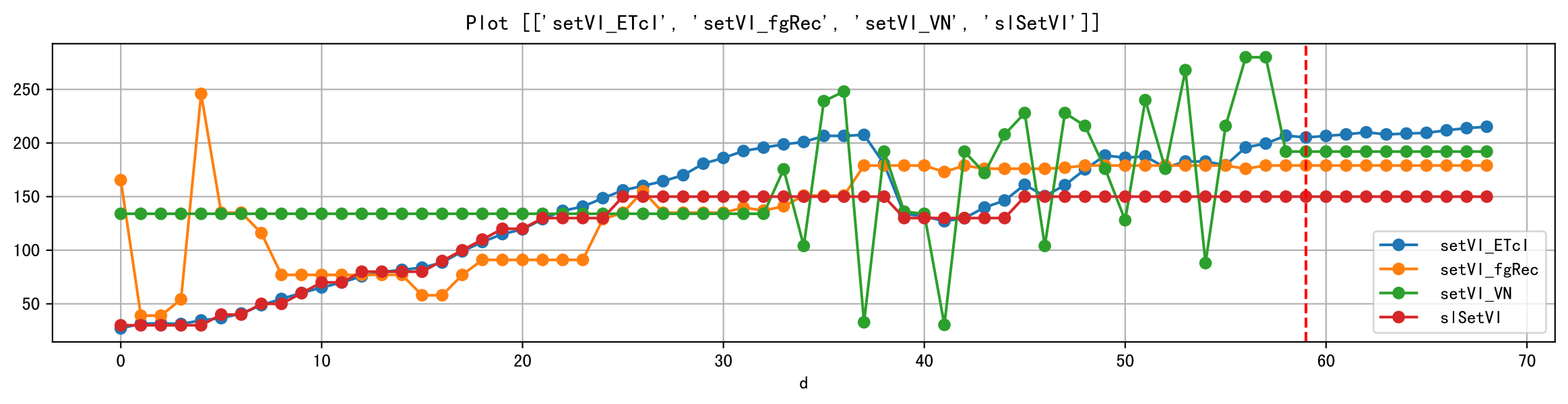


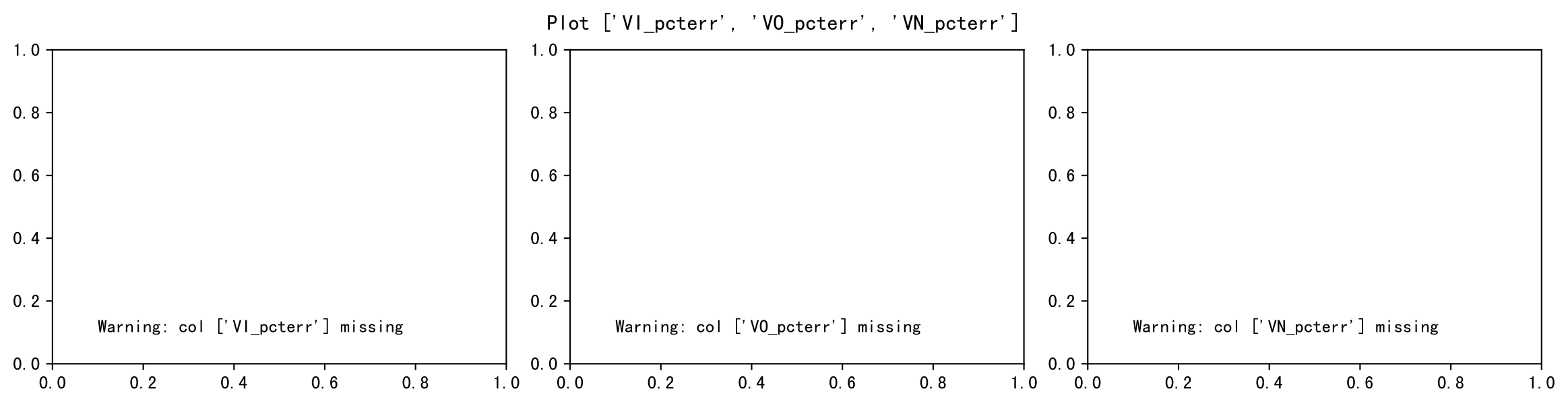


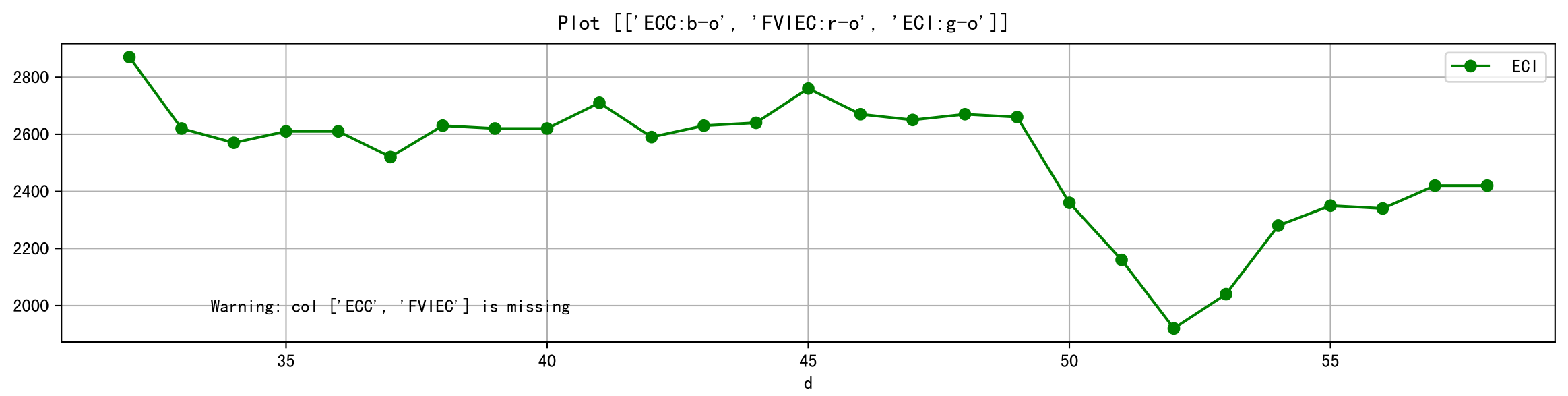


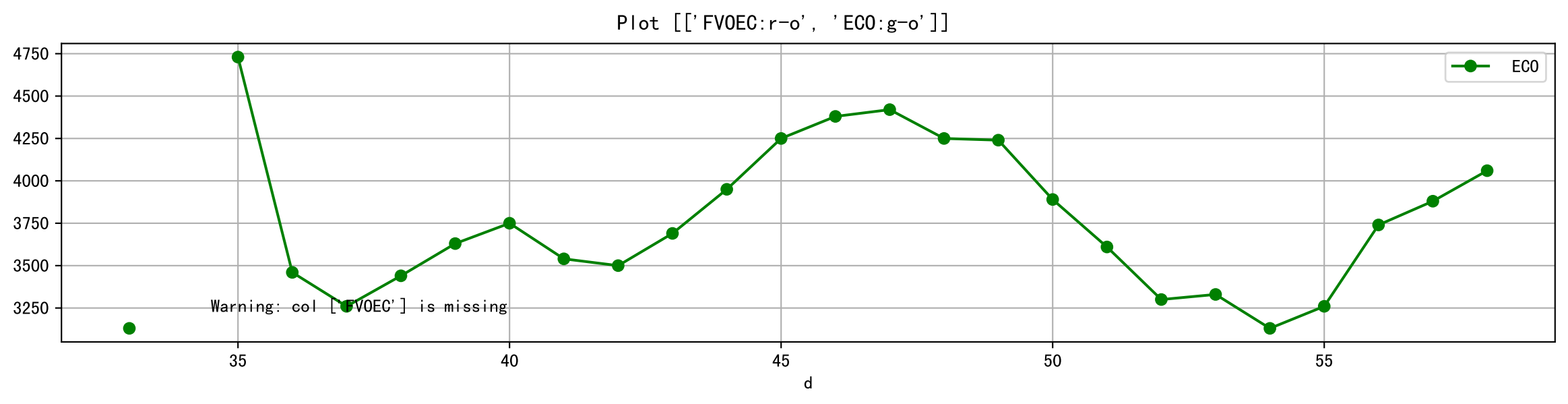


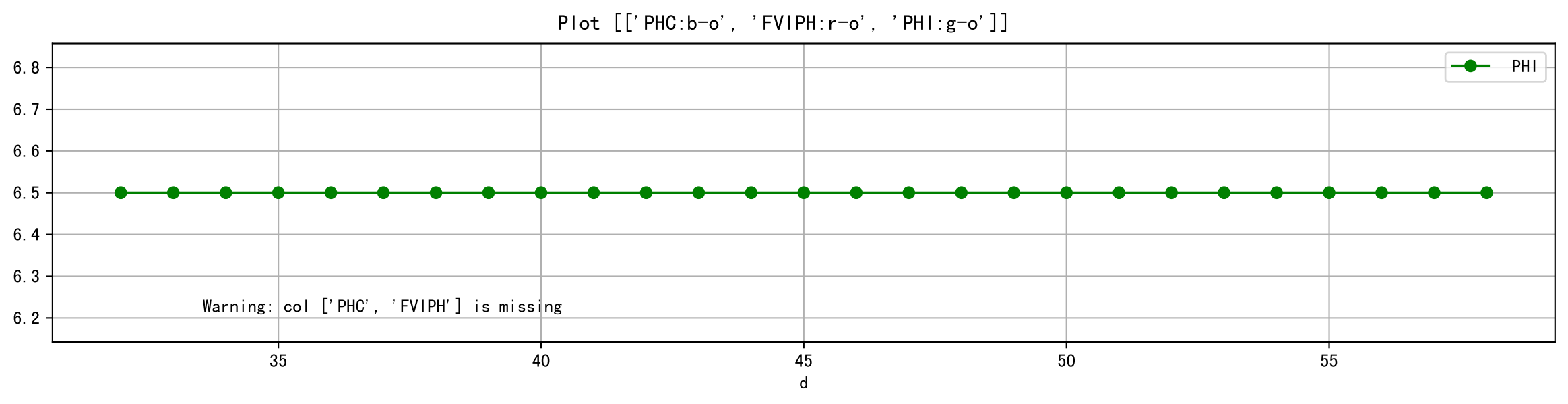


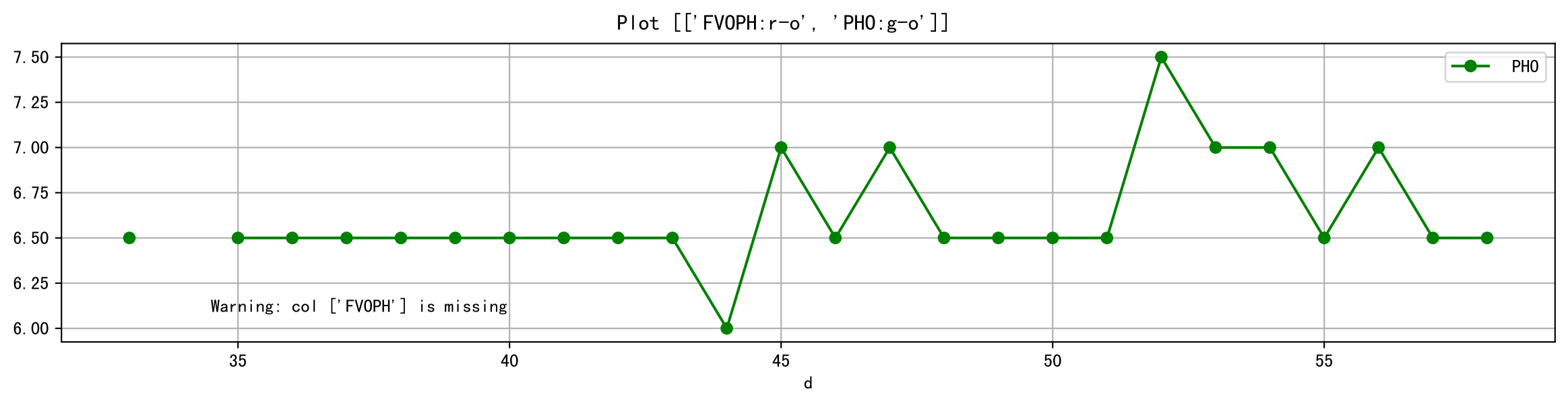

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
250
200
150
100
50
0
10
20
30
40
50
60
70
d
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI

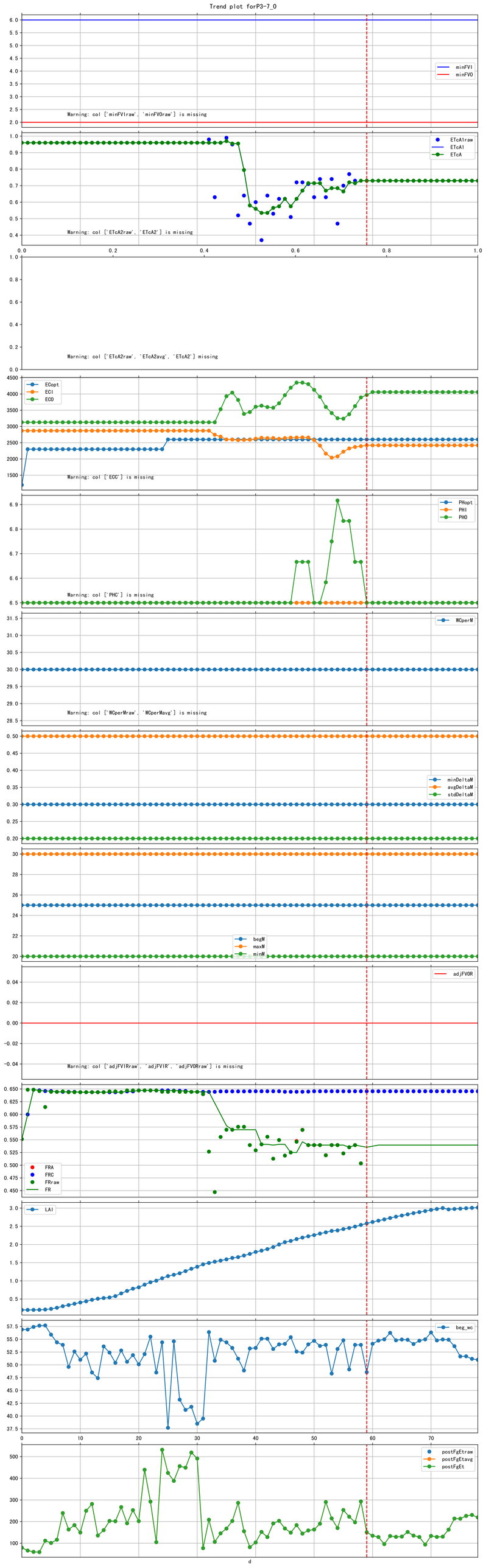

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

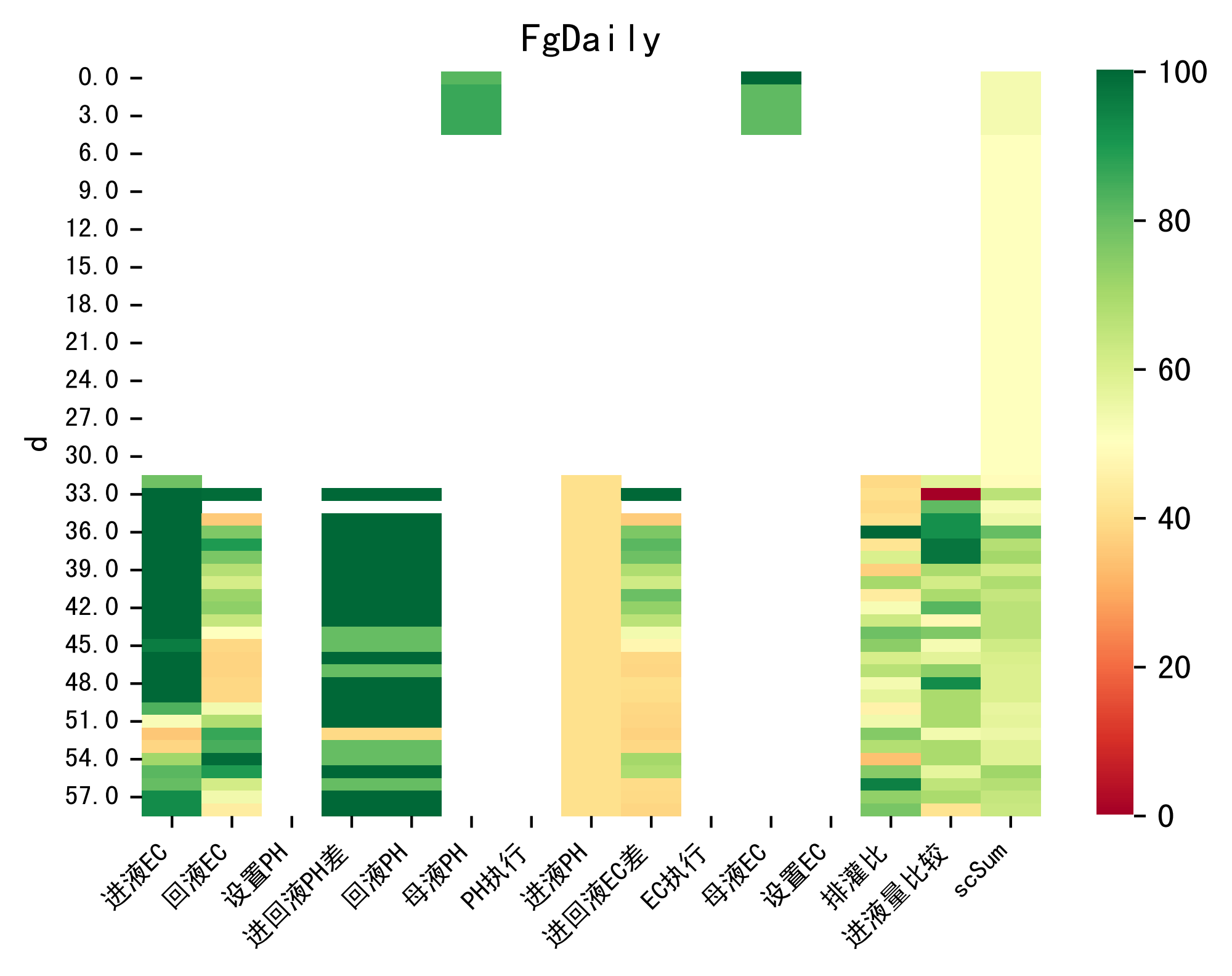

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
2800
2600
2400
2200
2000
Warning: col ['ECC', 'FVIEC'] is missing
35
40
45
50
55
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
4750
4500
4250
4000
3750
3500
3250
35
40
45
50
55
d

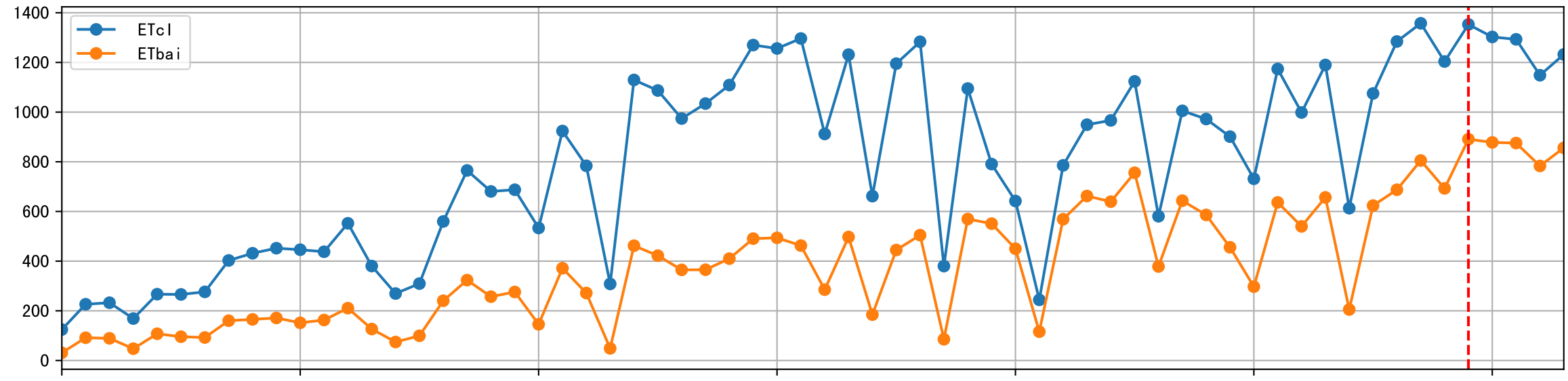

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
6.8
6.7
6.6
6.5
6.4
6.3
6.2
Warning: col ['PHC', 'FVIPH'] is missing
35
40
45
50
55
d

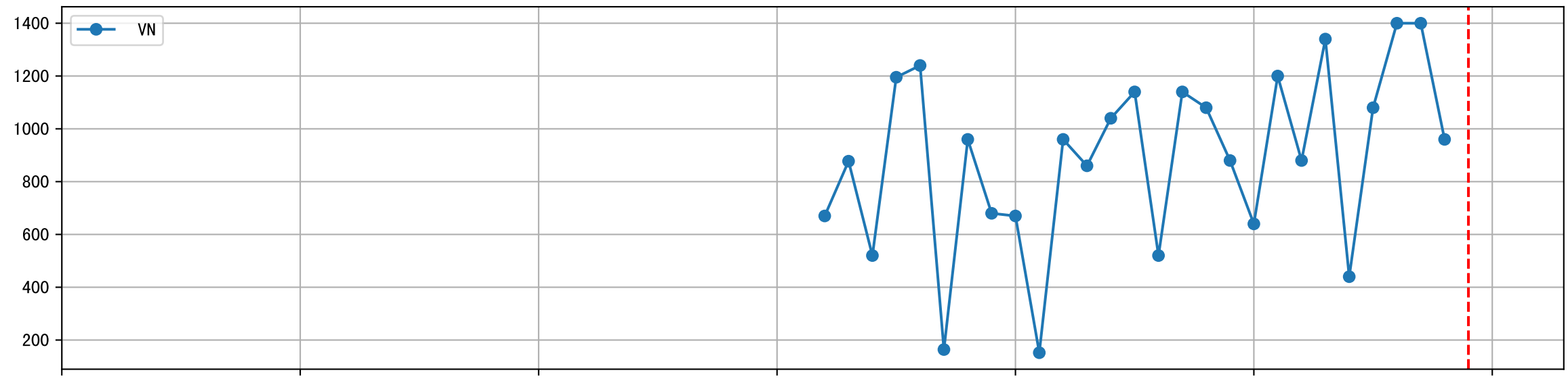

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.50
7.25
7.00
6.75
6.50
6.25
6.00
35
40
45
50
55
d
Warning: col ['FVOPH'] is missing

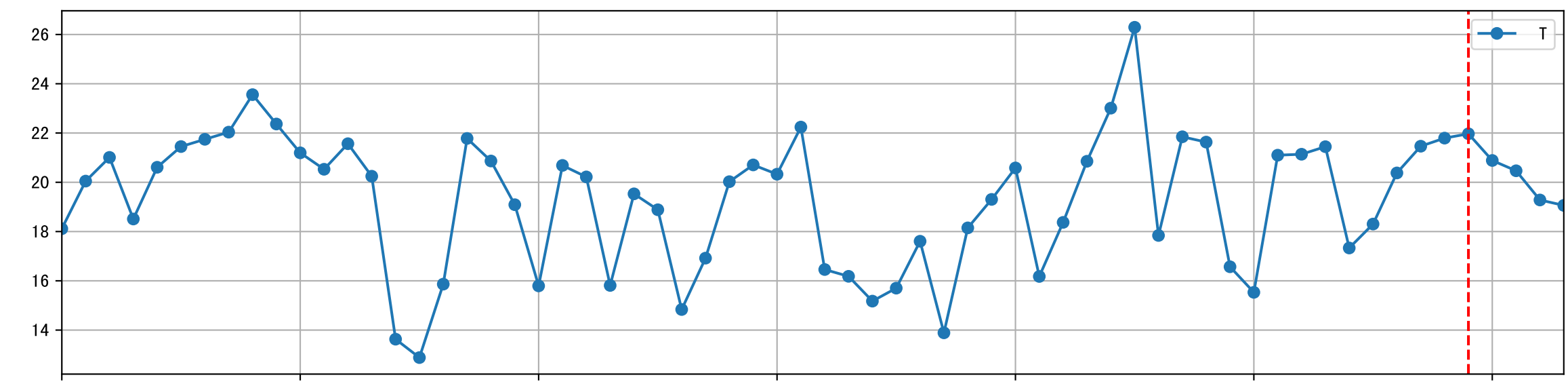

Trend plot forP3-7_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

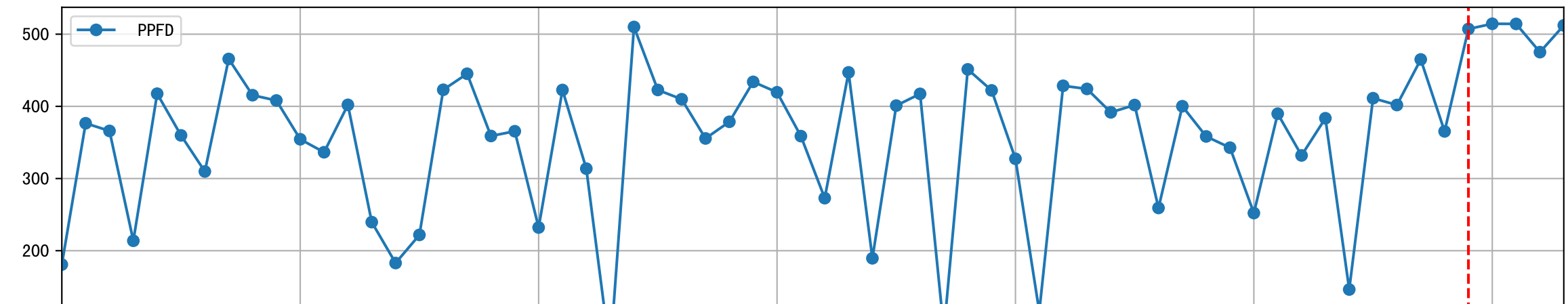

FgDaily
d
0.0
3.0
6.0
9.0
12.0
15.0
18.0
21.0
24.0
27.0
30.0
33.0
36.0
39.0
42.0
45.0
48.0
51.0
54.0
57.0
100
80
60
40
20
0
进液EC
回液EC
设置PH
进回液PH差
回液PH
母液PH
PH执行
进液PH
进回液EC差
EC执行
母液EC
设置EC
排灌比
进液量比较
scSum

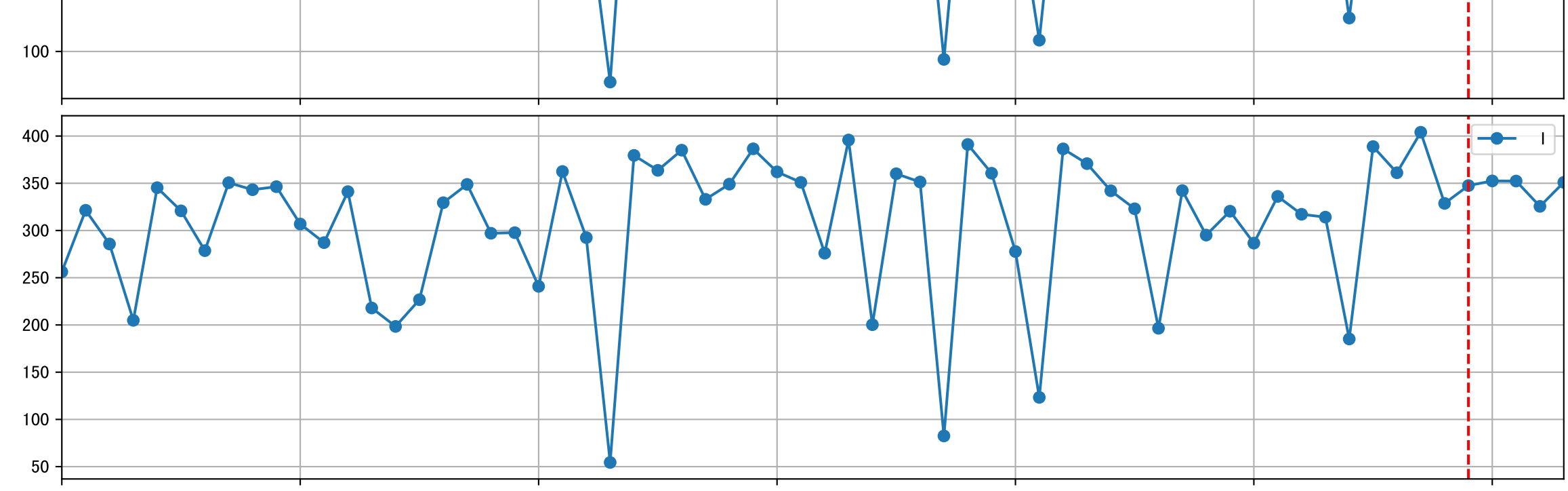
P3-7_0

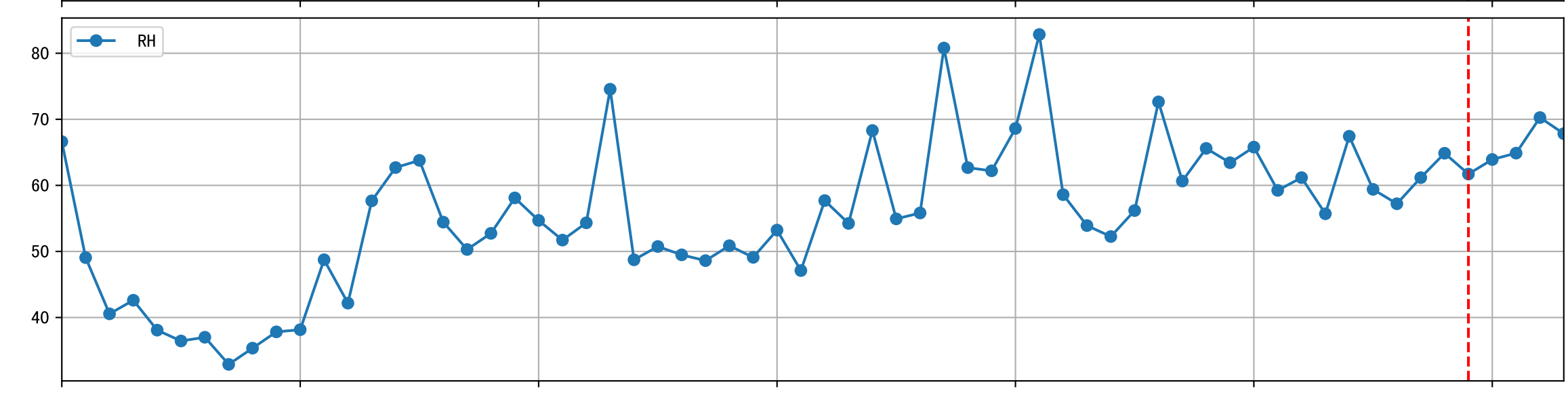


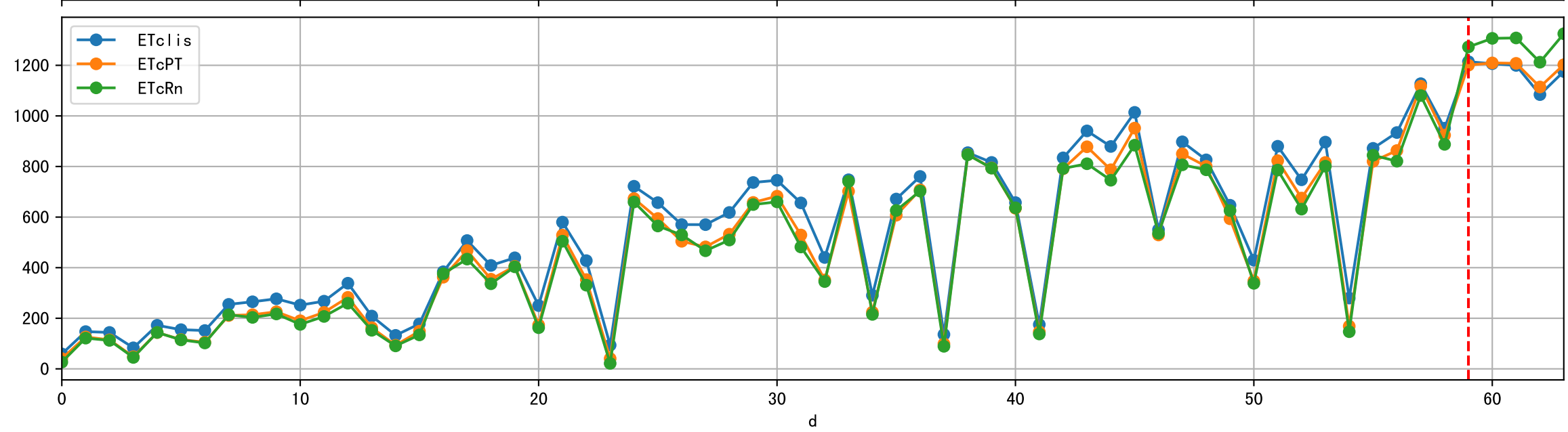


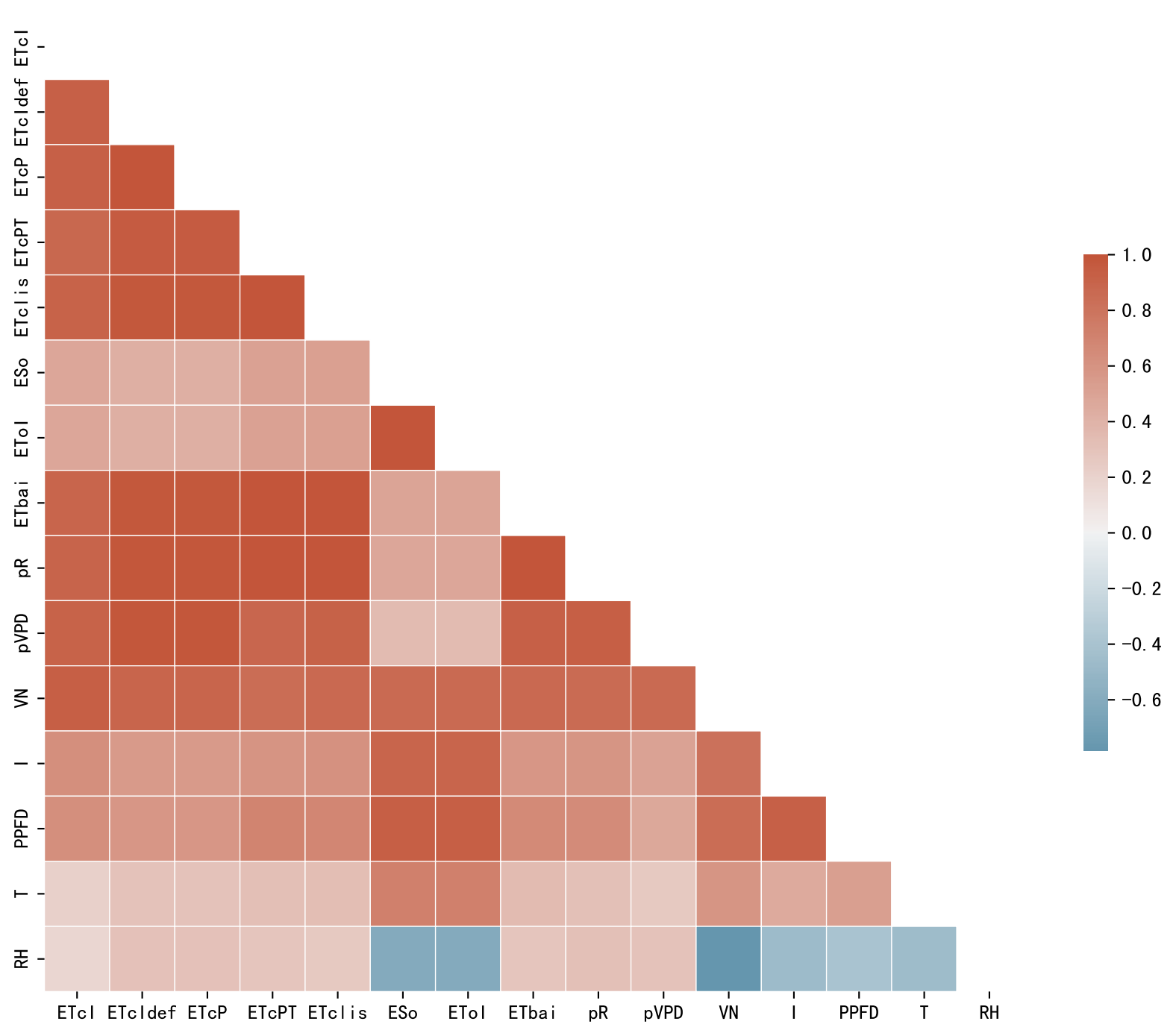


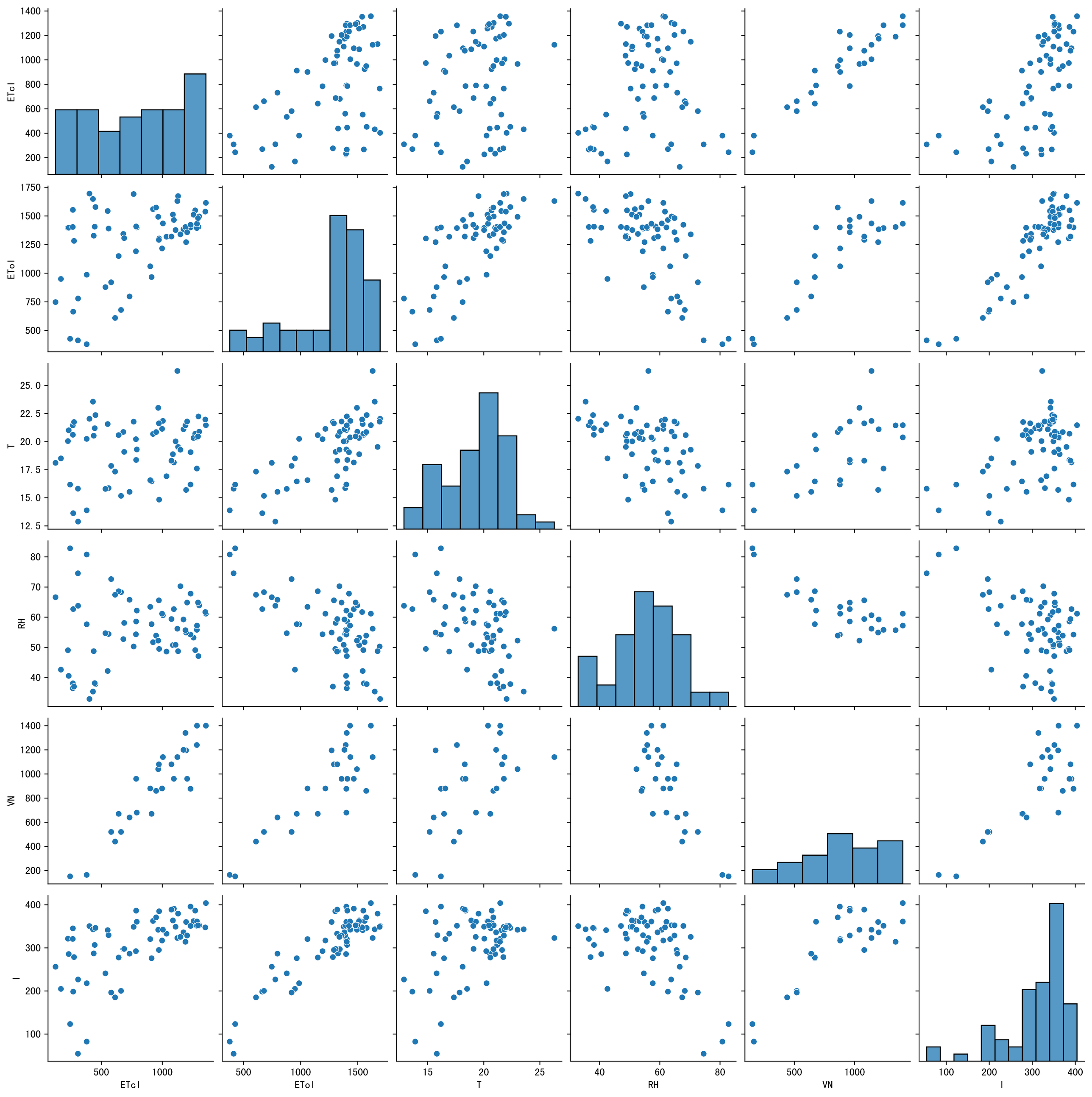


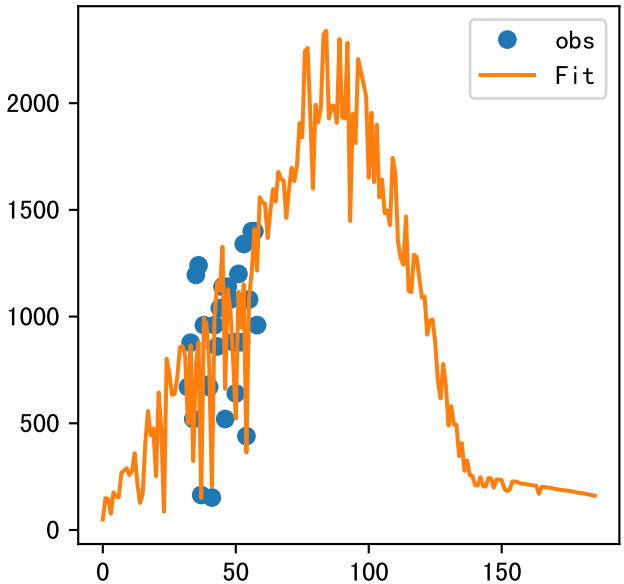


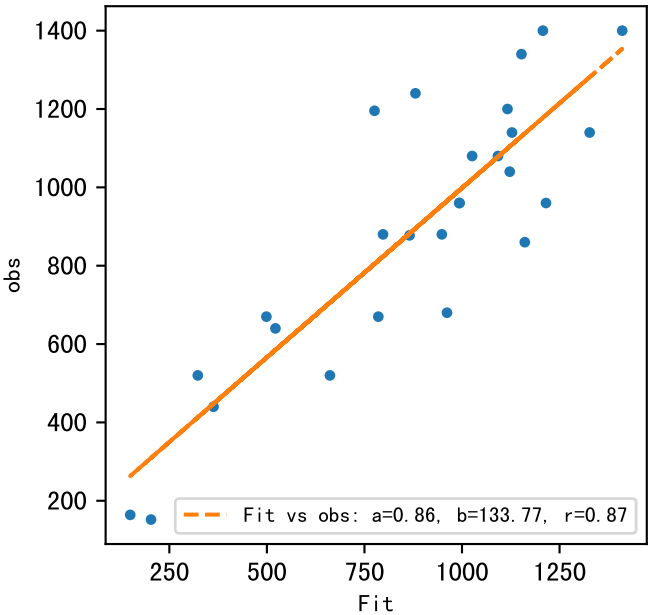




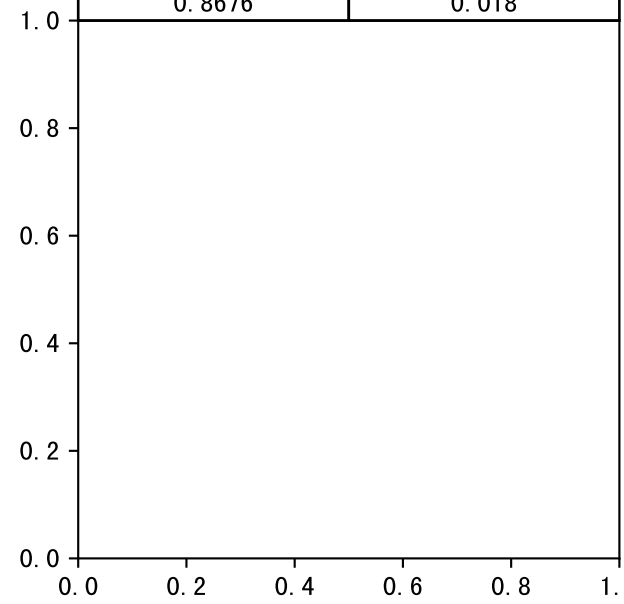

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

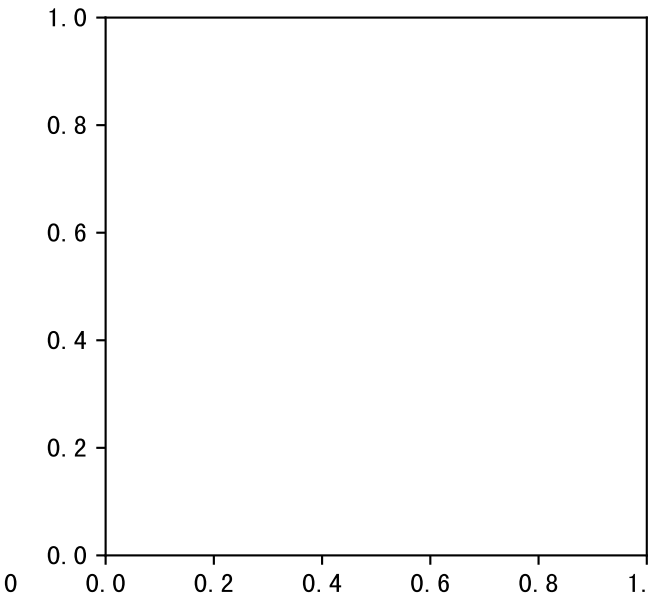

ETcI
ETоI
T
RH
VN
I
ETcI
ETоI
T
RH
VN
I

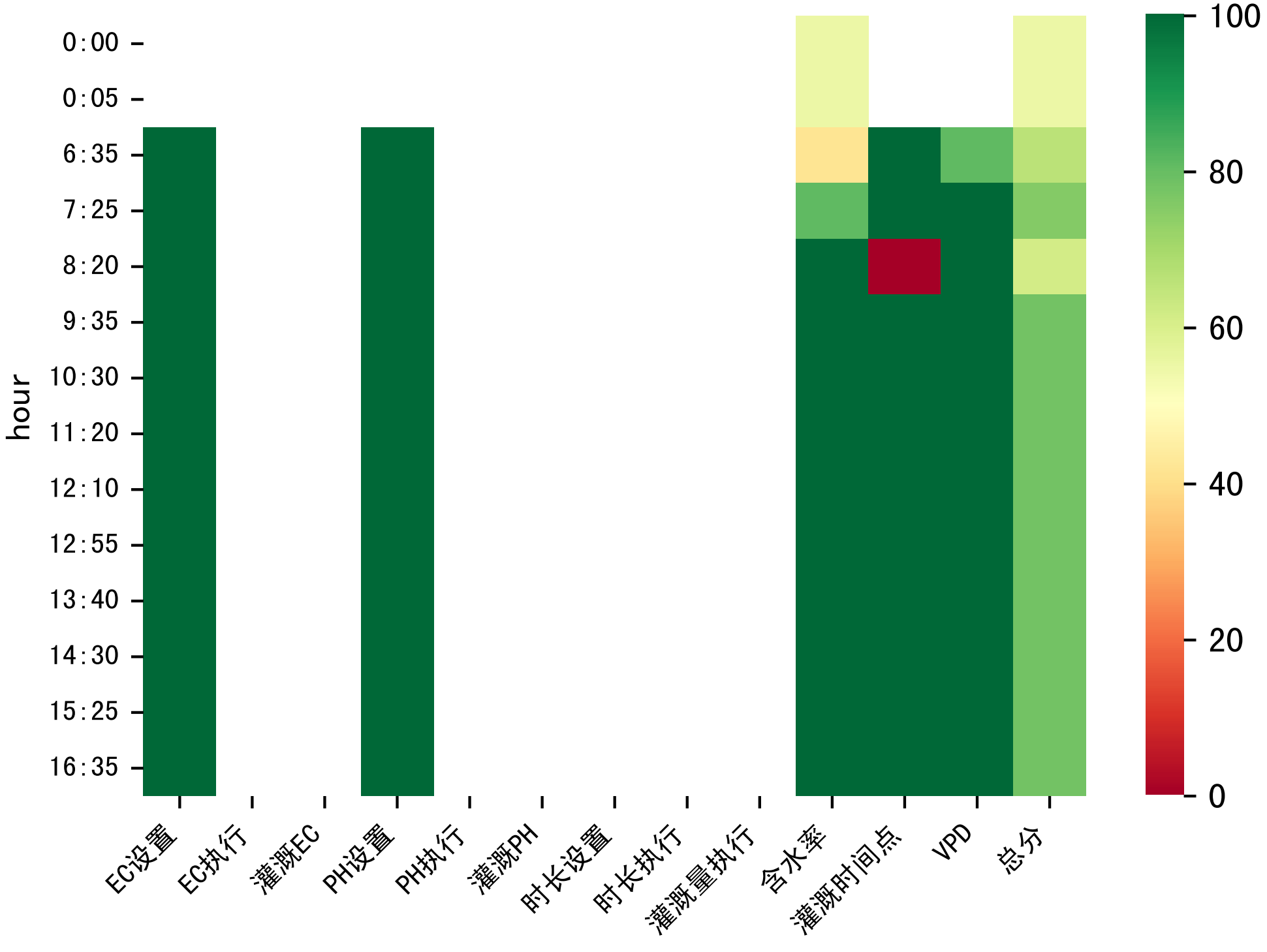




baiA	baiB
0.8676	0.018



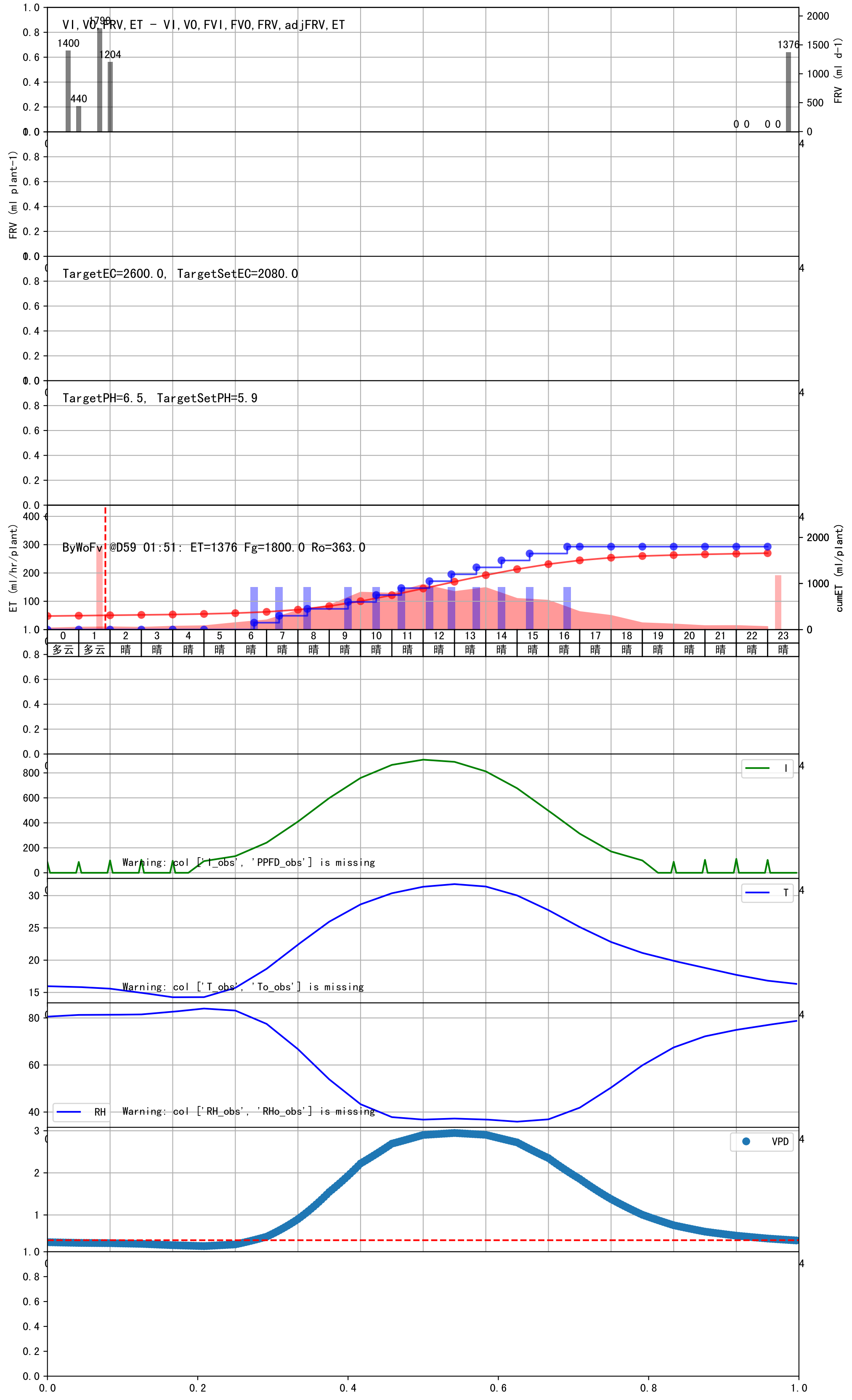


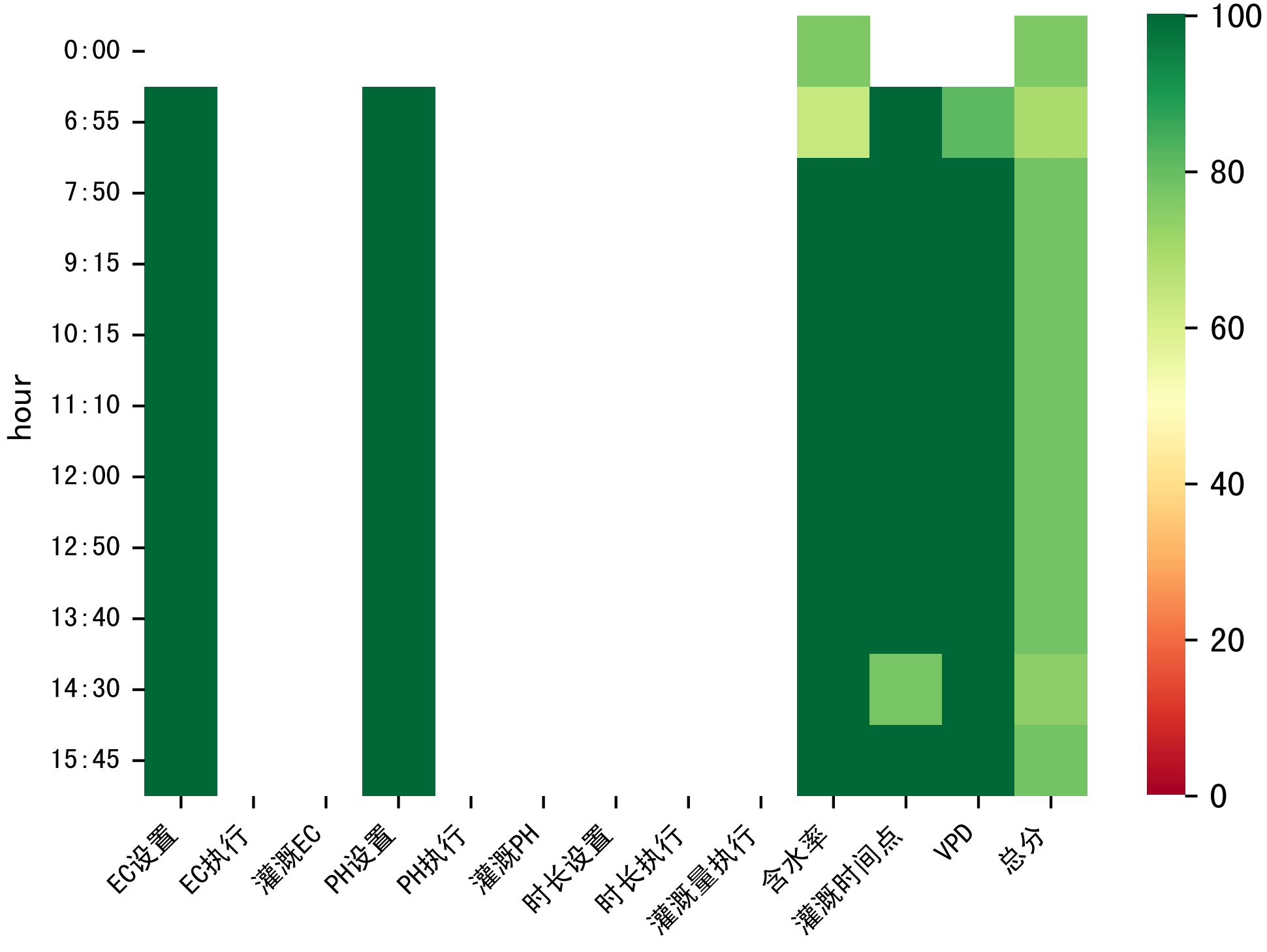

hour
0:00
0:05
6:35
7:25
8:20
9:35
10:30
11:20
12:10
12:55
13:40
14:30
15:25
16:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:35	278	150.0	晴	预期@06:35 未知程序（未用传感器）
07:25	278	150.0	晴	预期@07:25 未知程序（未用传感器）
08:20	278	150.0	晴	预期@08:20 未知程序（未用传感器）
09:35	278	150.0	晴	预期@09:35 未知程序（未用传感器）
10:30	278	150.0	晴	预期@10:30 未知程序（未用传感器）
11:20	278	150.0	晴	预期@11:20 未知程序（未用传感器）
12:10	278	150.0	晴	预期@12:10 未知程序（未用传感器）
12:55	278	150.0	晴	预期@12:55 未知程序（未用传感器）
13:40	278	150.0	晴	预期@13:40 未知程序（未用传感器）
14:30	278	150.0	晴	预期@14:30 未知程序（未用传感器）
15:25	278	150.0	晴	预期@15:25 未知程序（未用传感器）
16:35	278	150.0	晴	预期@16:35 未知程序（未用传感器）
总计	3336.0 (12次)	1800.0		建议进液EC：2080.0， PH：5.9

进回液EC差(2393.0 vs 3893.0)过高

P3-7_0, Day=59 (2025-05-27)

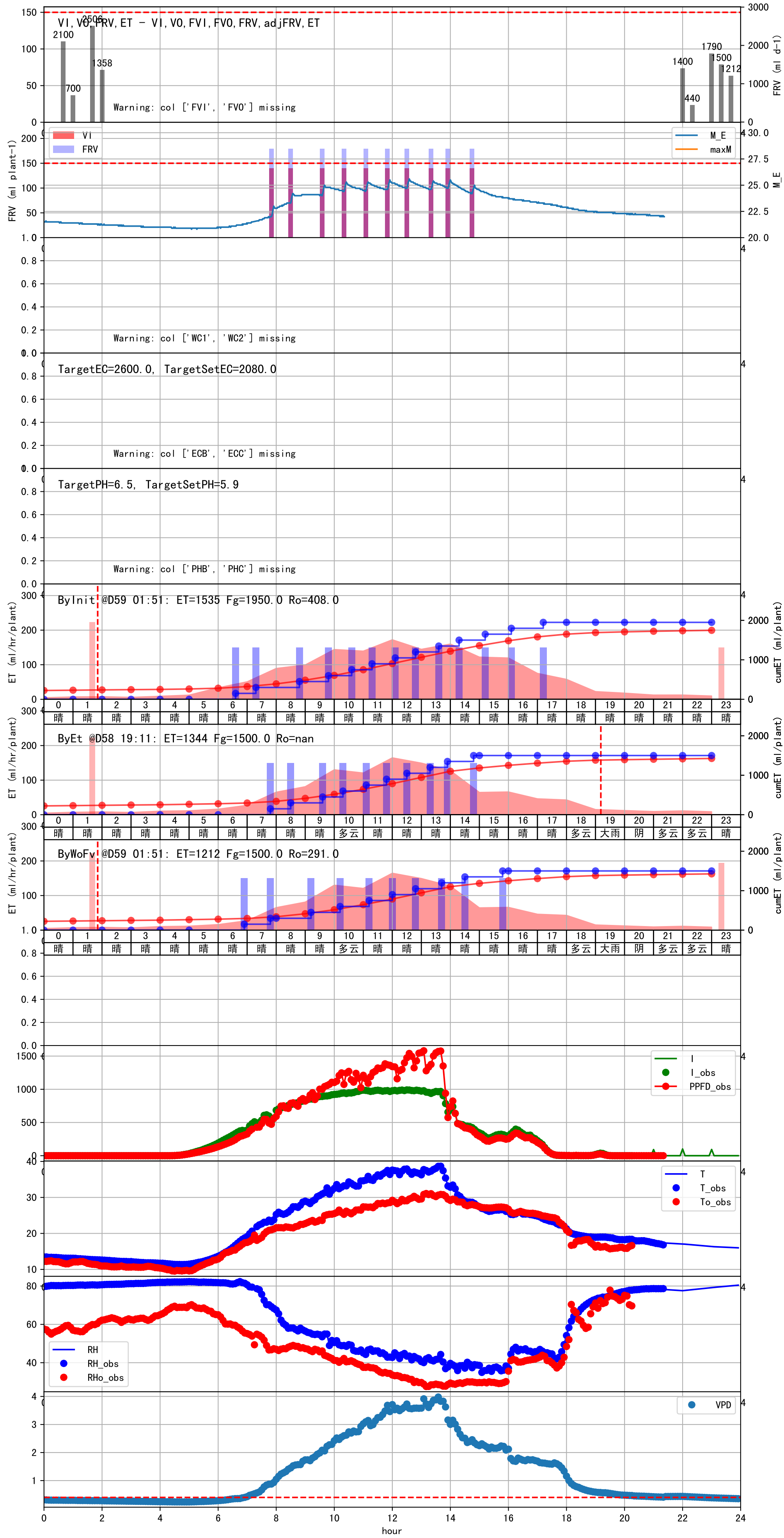


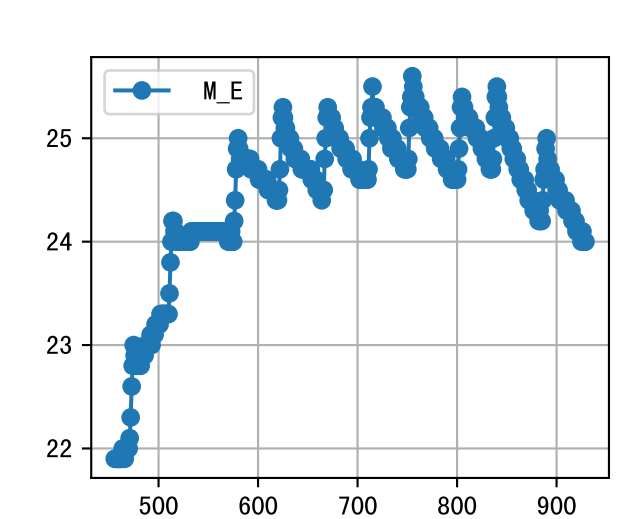

hour
0:00
6:55
7:50
9:15
10:15
11:10
12:00
12:50
13:40
14:30
15:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

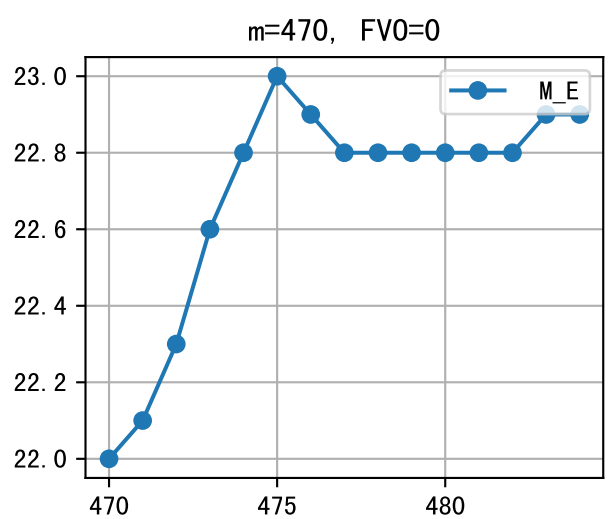
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:55	278	150.0	晴	假设@06:55 自动（未用传感器）
07:50	278	150.0	晴	假设@07:50 自动（未用传感器）
09:15	278	150.0	晴	假设@09:15 自动（未用传感器）
10:15	278	150.0	多云	假设@10:15 自动（未用传感器）
11:10	278	150.0	晴	假设@11:10 自动（未用传感器）
12:00	278	150.0	晴	假设@12:00 自动（未用传感器）
12:50	278	150.0	晴	假设@12:50 自动（未用传感器）
13:40	278	150.0	晴	假设@13:40 自动（未用传感器）
14:30	278	150.0	晴	假设@14:30 自动（未用传感器）
15:45	278	150.0	晴	假设@15:45 自动（未用传感器）
总计	2780.0 (10次)	1500.0		建议进液EC：2080.0， PH：5.9

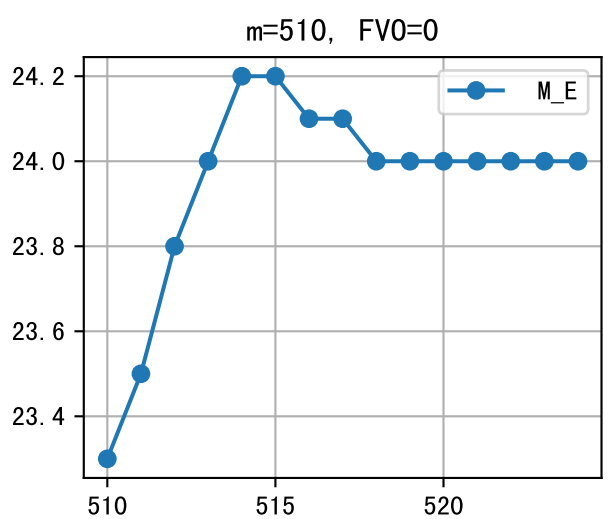
进回液EC差(2370.0 vs 3627.0)偏高

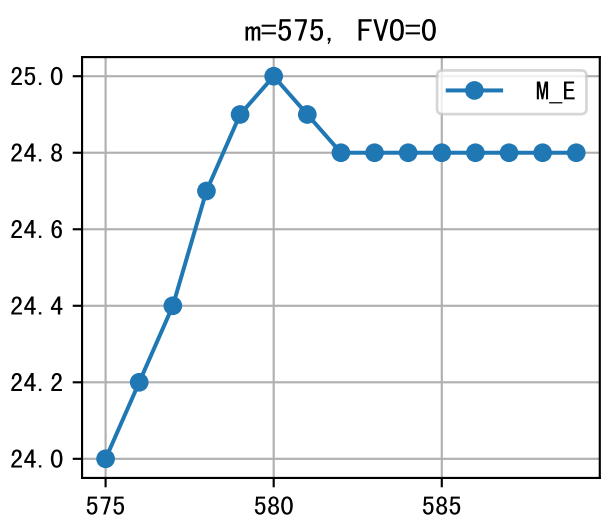
P3-7_0, Day=58 (2025-05-26)

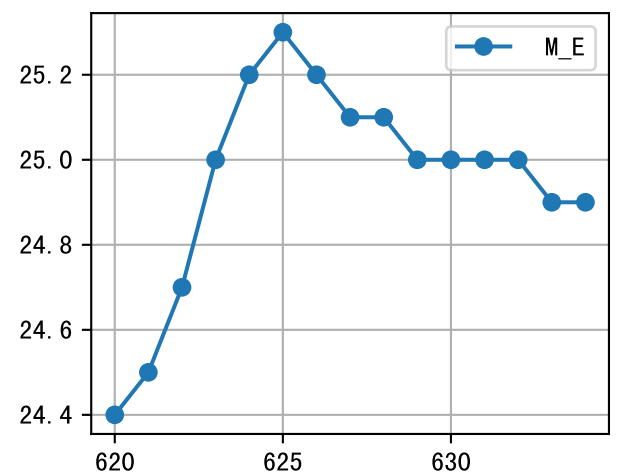


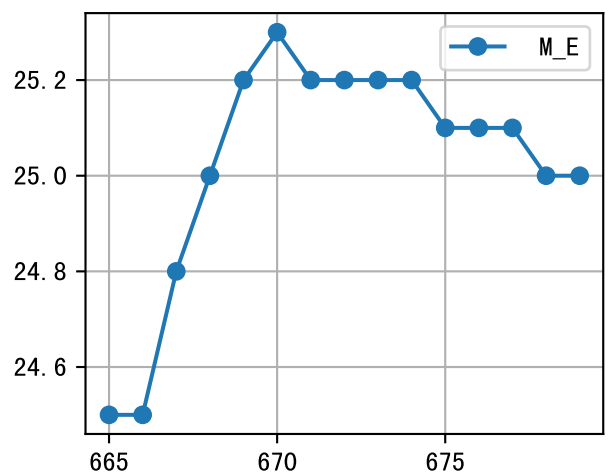

M_E

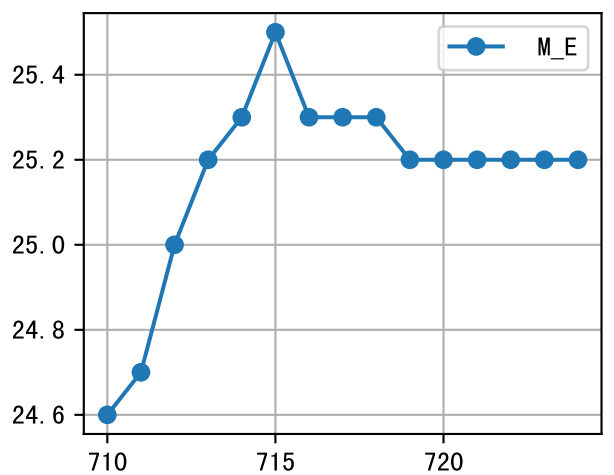

m=470, FV0=0
M_E

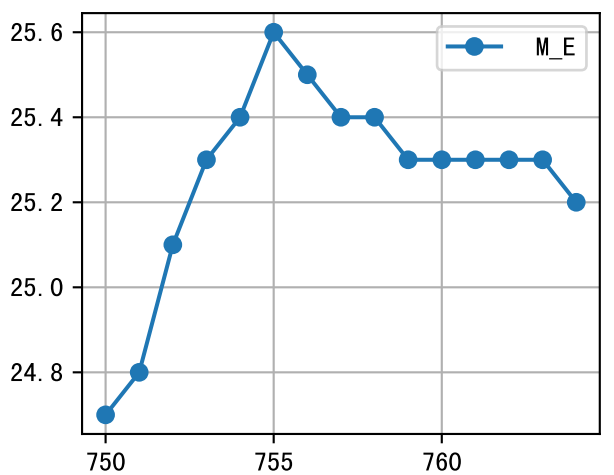

m=510, FV0=0
M_E

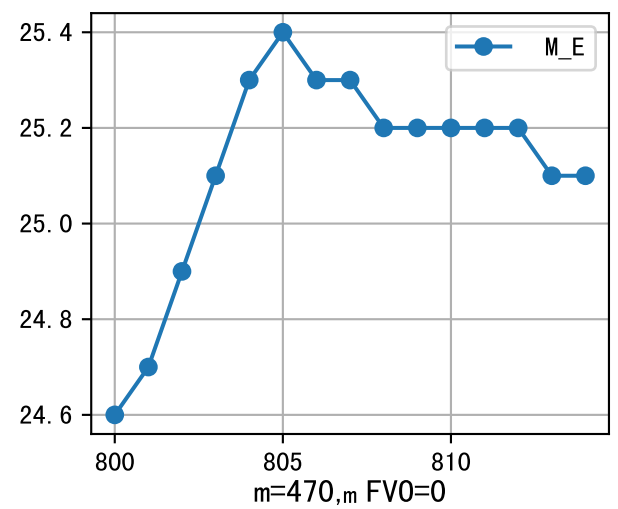

m=575, FV0=0
M_E

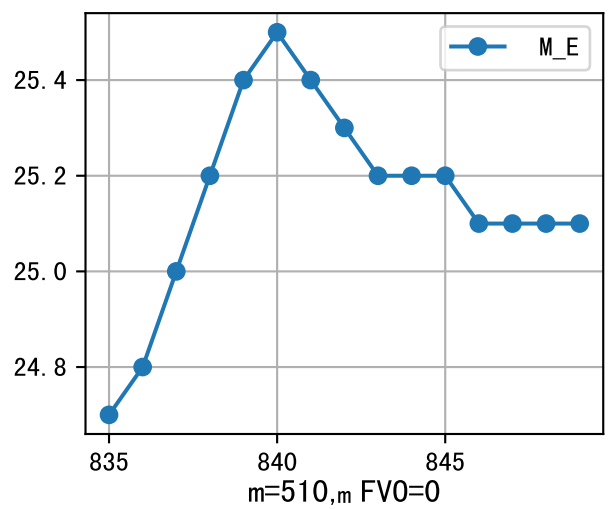

m=620,m FV0=0
M_E

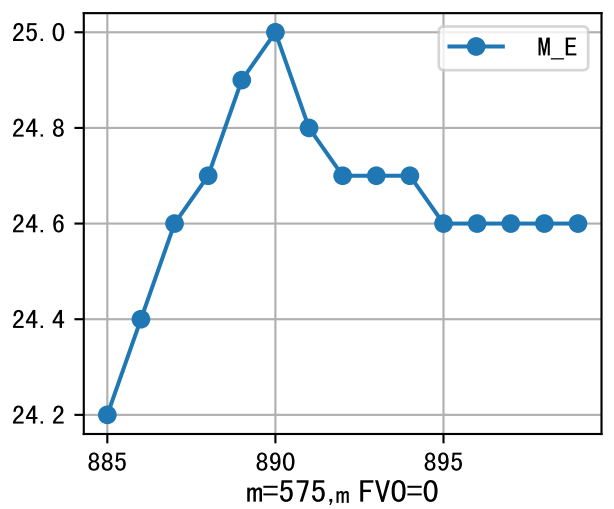

m=665,m FV0=0
M_E

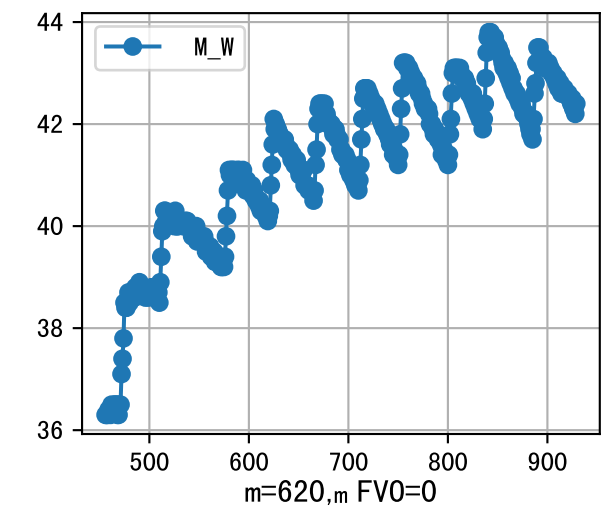

m=710,m FV0=0
M_E

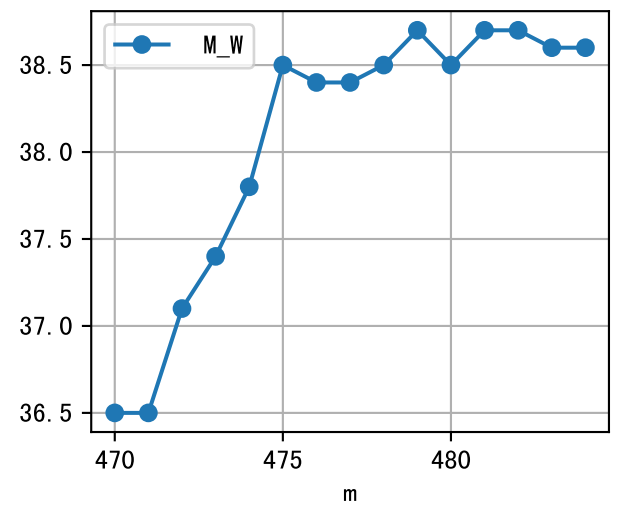

m=750,m FV0=0
M_E
m

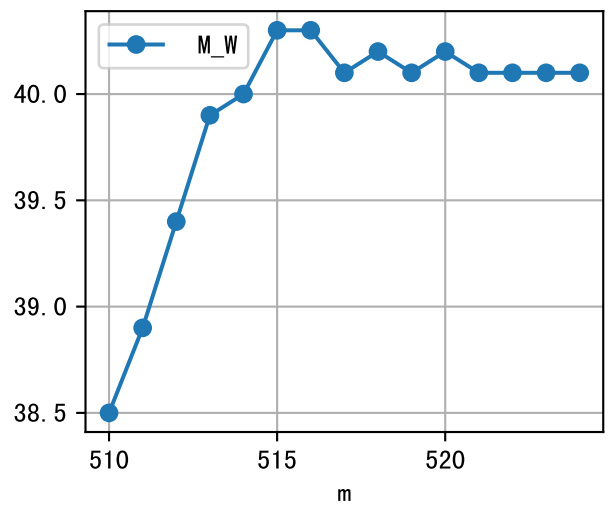

M_E
m=800,m FV0=0

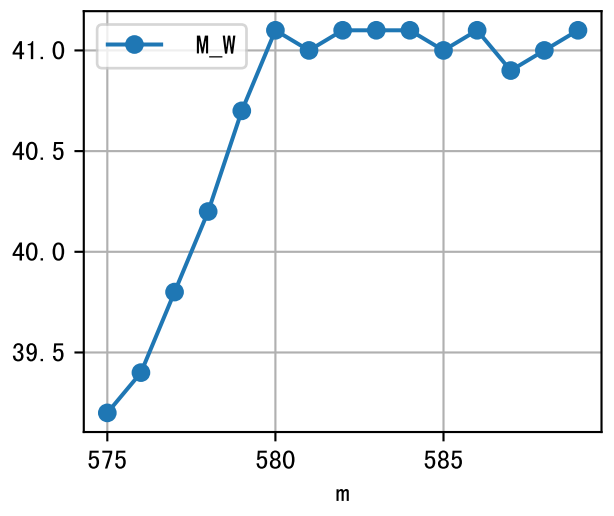

M_E
m=835,m FV0=0

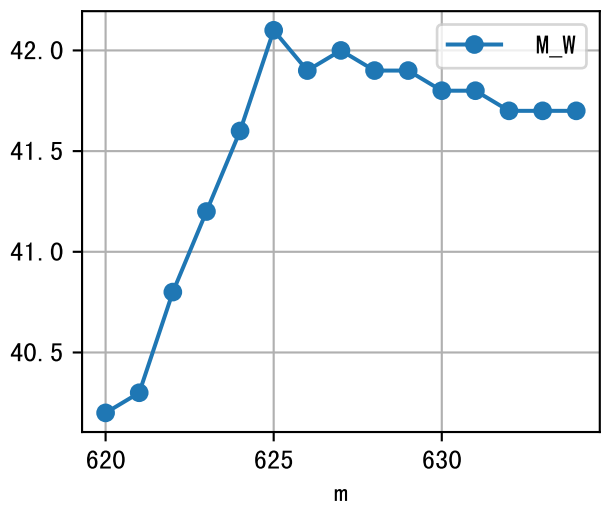

M_E
m=885,m FV0=0

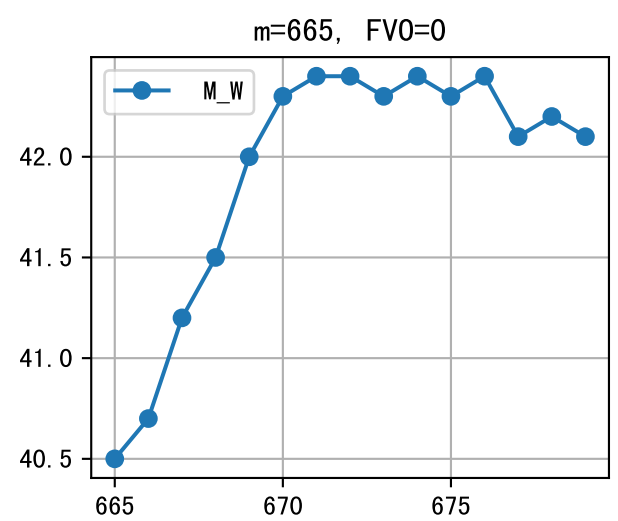

M_W
m=620,m FV0=0

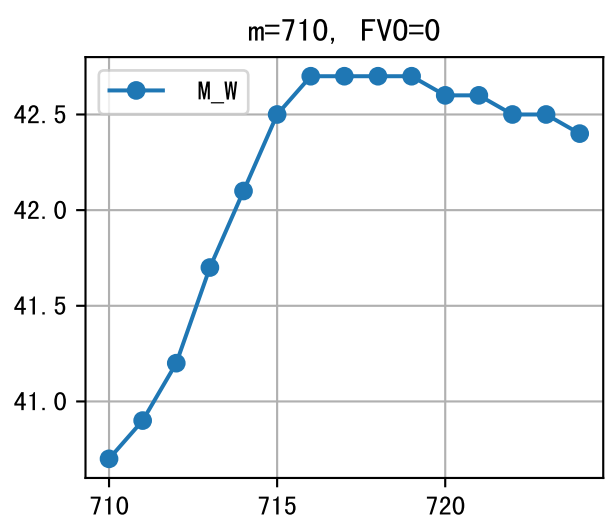

M_W
m=470,m FV0=0
m

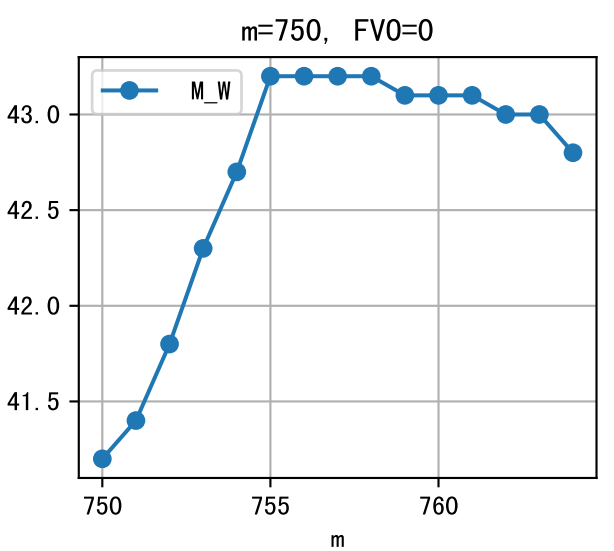

M_W
m=510,m FV0=0
m

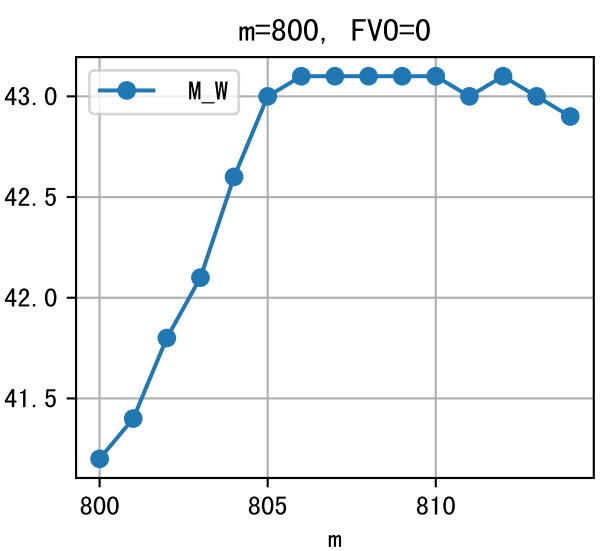

M_W
m=575,m FV0=0
m

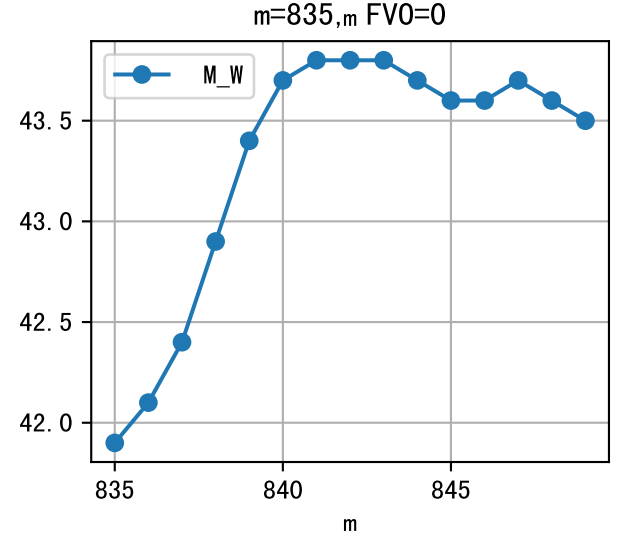

M_W
m

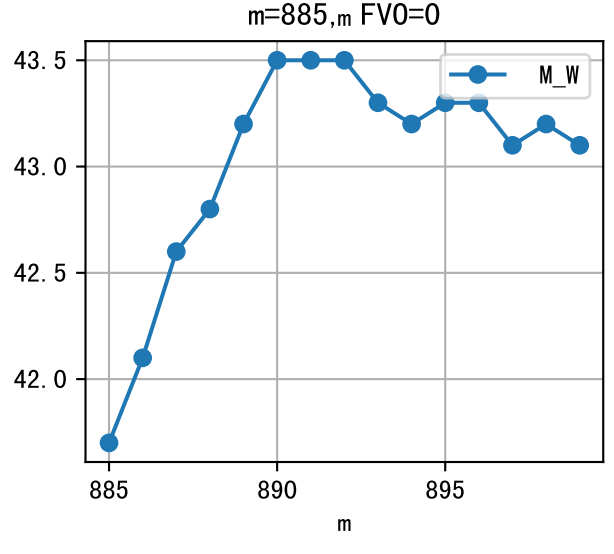

m=665, FV0=0
M_W
42.0
41.5
41.0
40.5
665
670
675

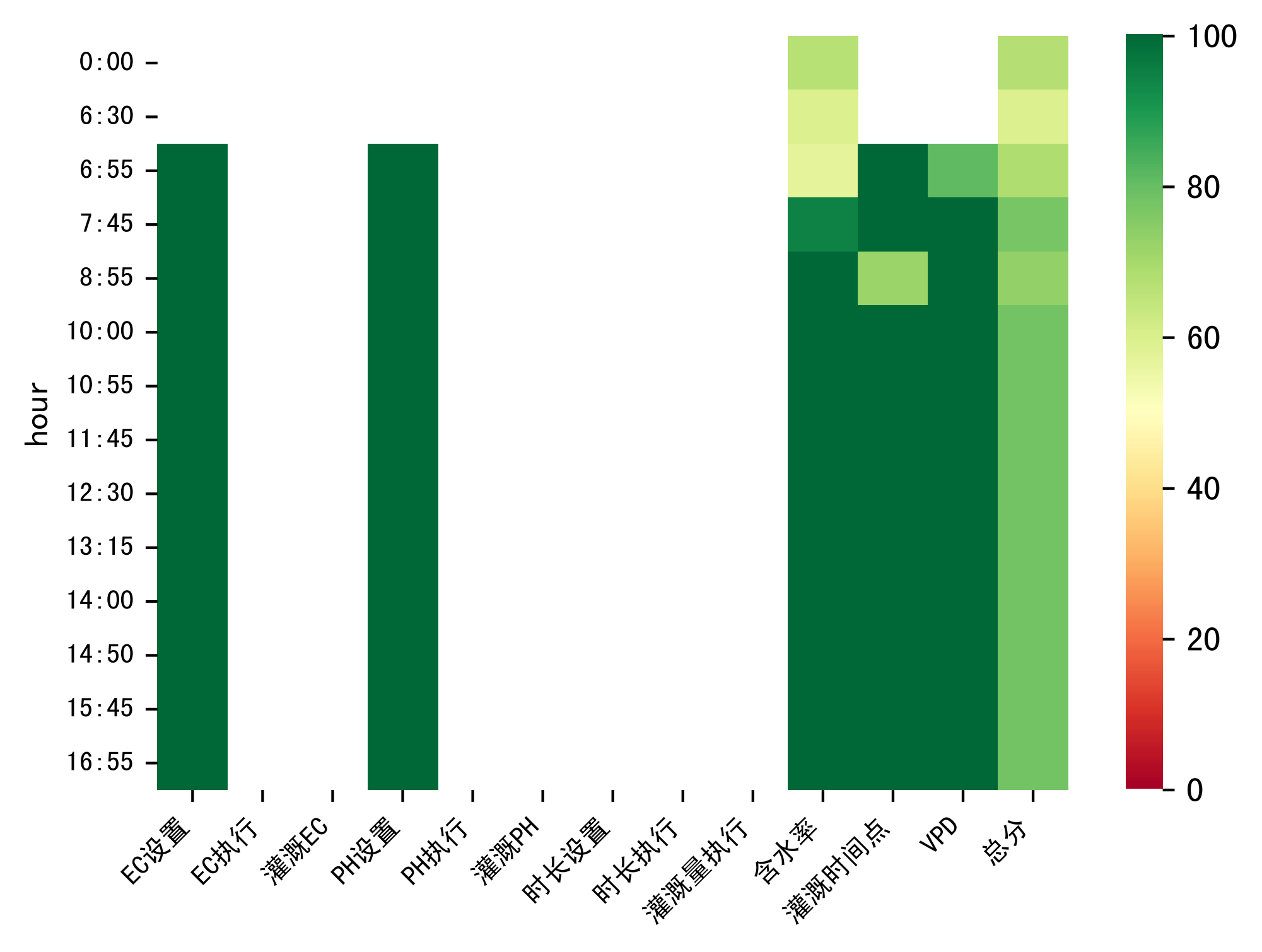

m=710, FV0=0
M_W
42.5
42.0
41.5
41.0
710
715
720


m=750, FV0=0
M_W
43.0
42.5
42.0
41.5
750
755
760
m


m=800, FV0=0
M_W
43.0
42.5
42.0
41.5
800
805
810
m


m=835,m FV0=0
M_W
43.5
43.0
42.5
42.0
835
840
845
m

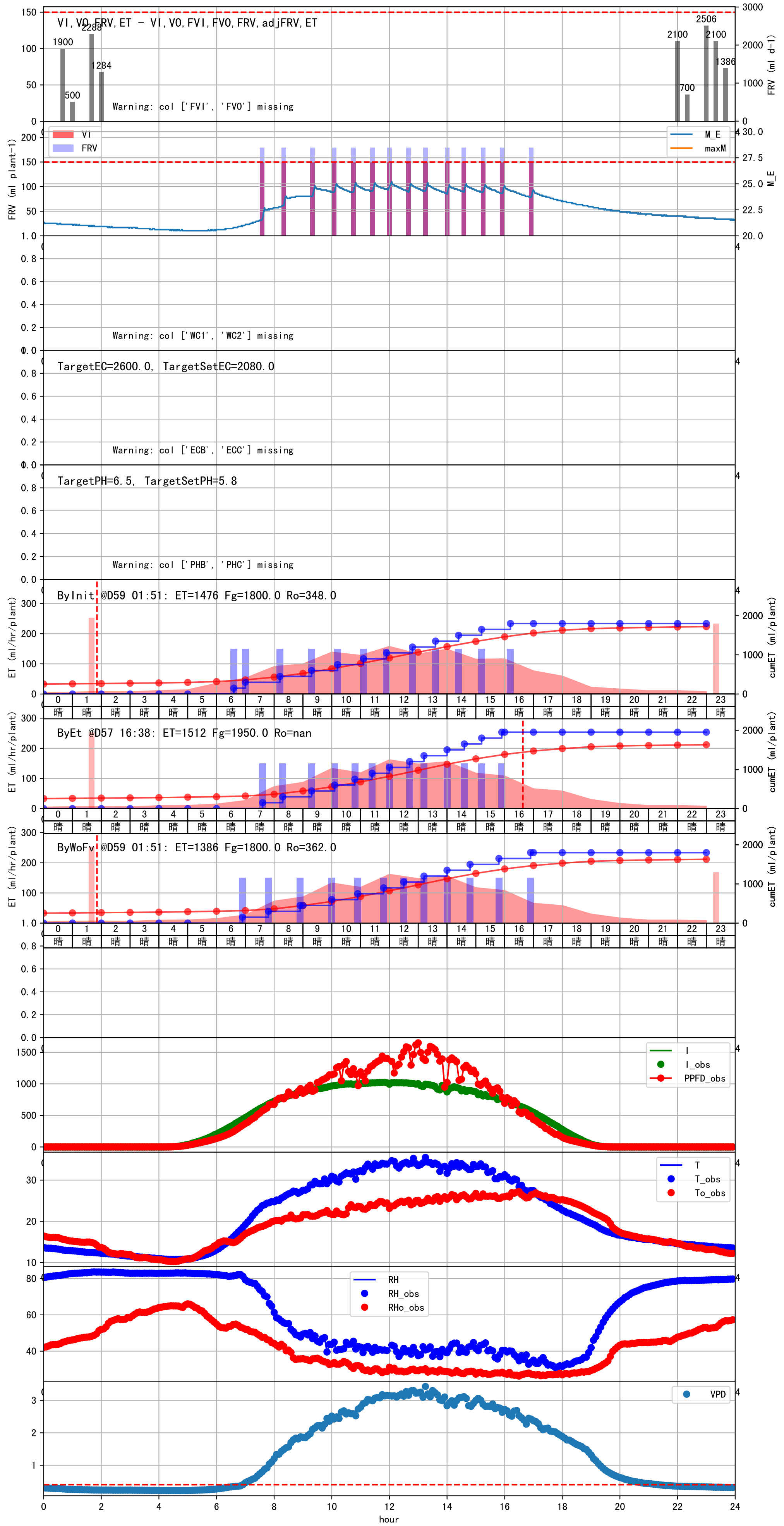

m=885,m FV0=0
M_W
43.5
43.0
42.5
42.0
885
890
895
m


hour
0:00
6:30
6:55
7:45
8:55
10:00
10:55
11:45
12:30
13:15
14:00
14:50
15:45
16:55
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

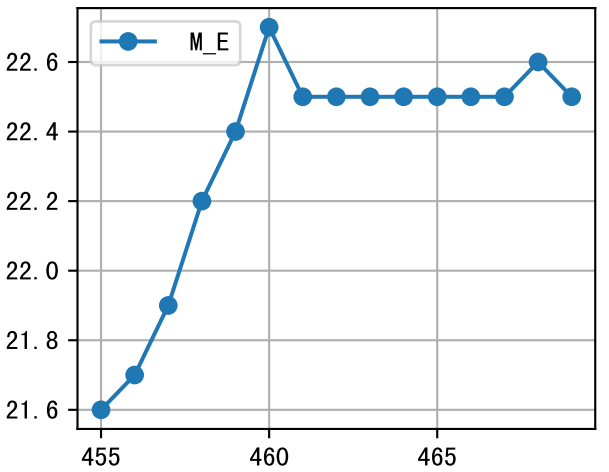
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:55	278	150.0	晴	假设@06:55 自动（未用传感器）
07:45	278	150.0	晴	假设@07:45 自动（未用传感器）
08:55	278	150.0	晴	假设@08:55 自动（未用传感器）
10:00	278	150.0	晴	假设@10:00 自动（未用传感器）
10:55	278	150.0	晴	假设@10:55 自动（未用传感器）
11:45	278	150.0	晴	假设@11:45 自动（未用传感器）
12:30	278	150.0	晴	假设@12:30 自动（未用传感器）
13:15	278	150.0	晴	假设@13:15 自动（未用传感器）
14:00	278	150.0	晴	假设@14:00 自动（未用传感器）
14:50	278	150.0	晴	假设@14:50 自动（未用传感器）
15:45	278	150.0	晴	假设@15:45 自动（未用传感器）
16:55	278	150.0	晴	假设@16:55 自动（未用传感器）
总计	3336.0 (12次)	1800.0		建议进液EC：2080.0， PH：5.8

进回液EC差(2323.0 vs 3377.0)偏高

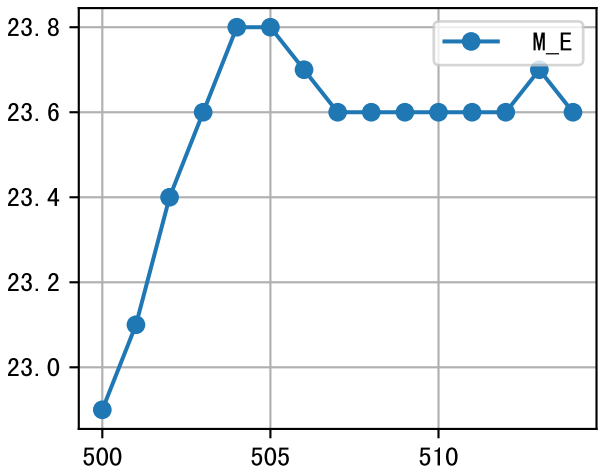
P3-7_0, Day=57 (2025-05-25)



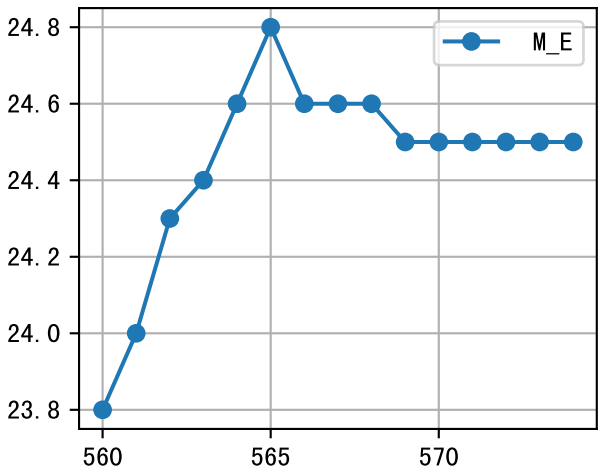
m=455, FV0=0



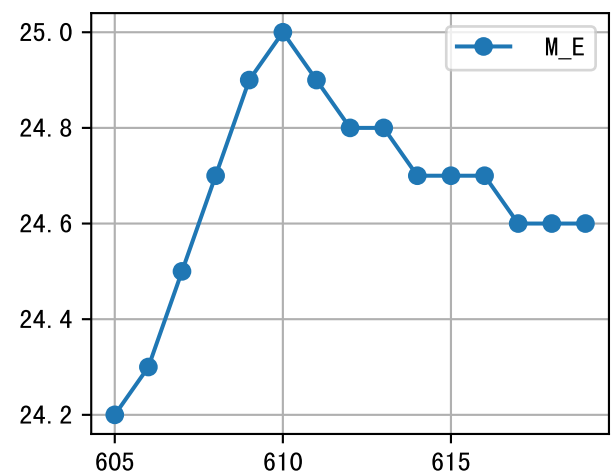
m=500, FV0=0



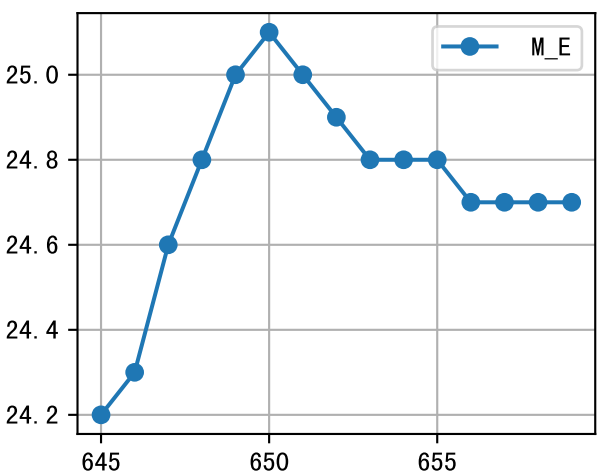
m=560, FV0=0



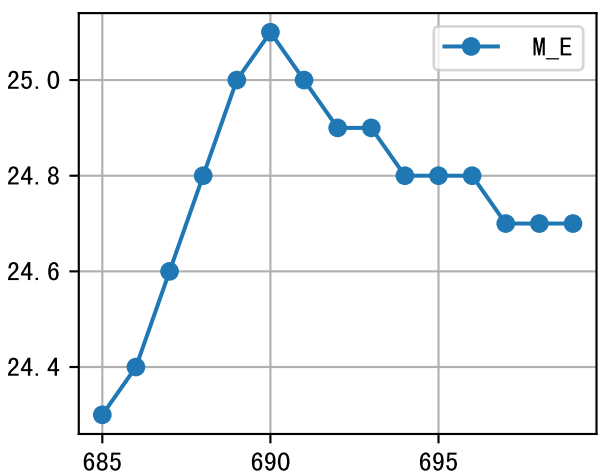
m=605,m FV0=0



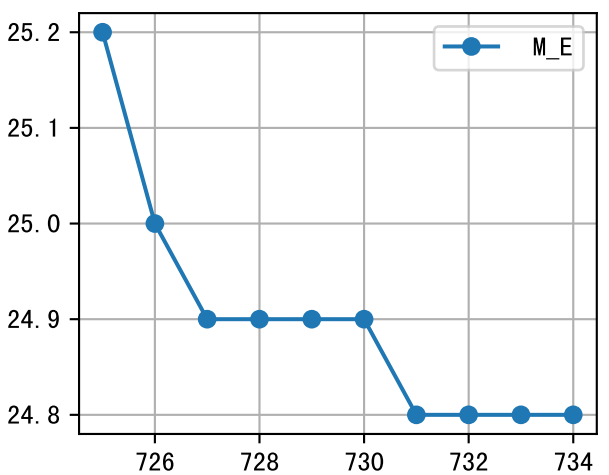
m=645,m FV0=0



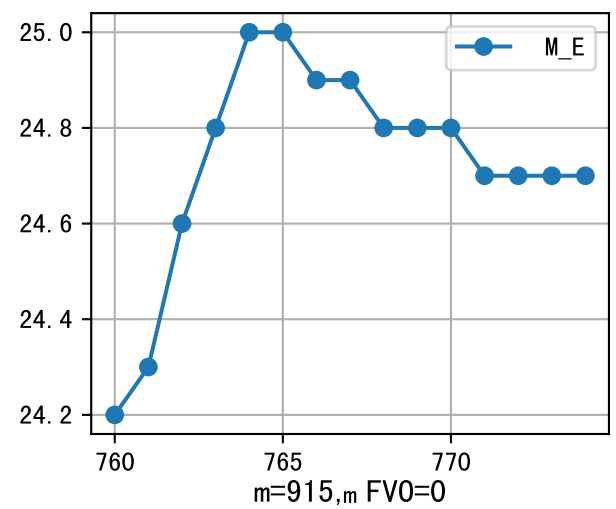
m=685,m FV0=0



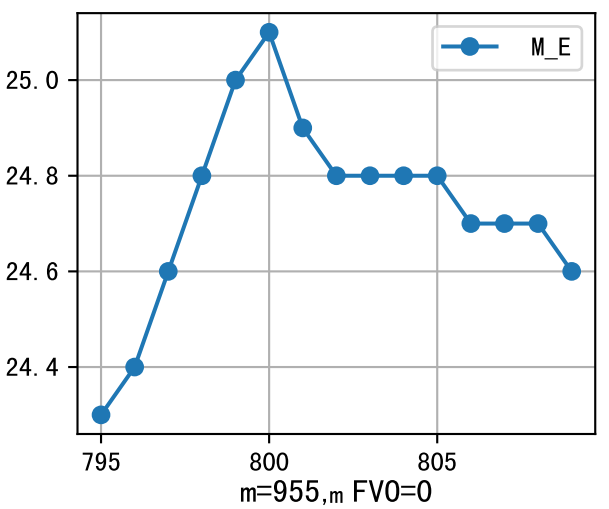
m=720,m FV0=0



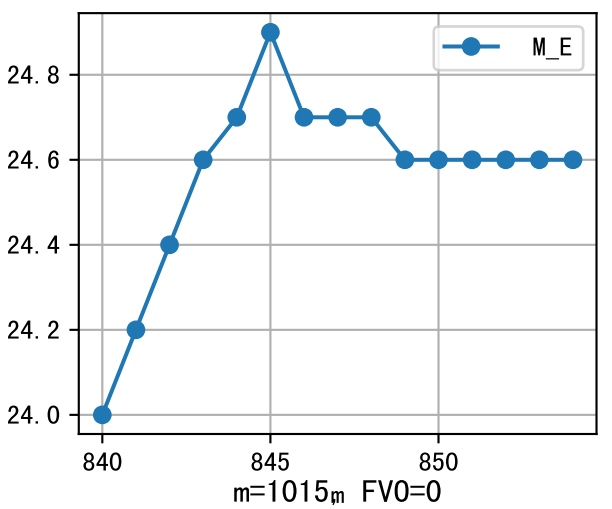
m=760,m FV0=0



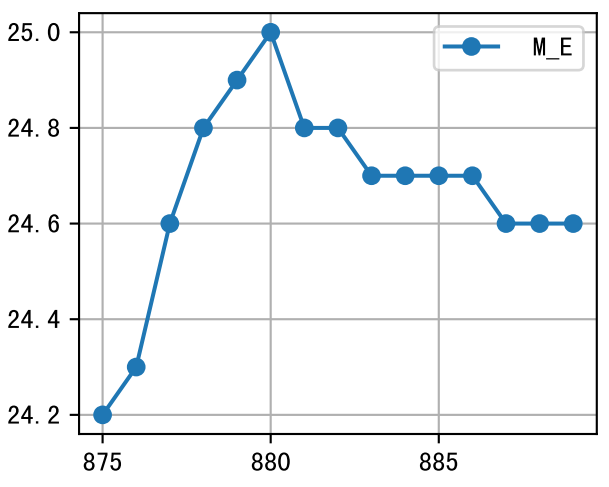
m=795,m FV0=0



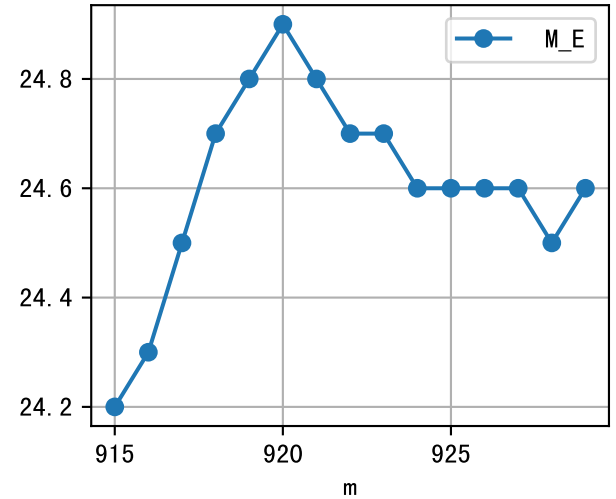
m=840,m FV0=0



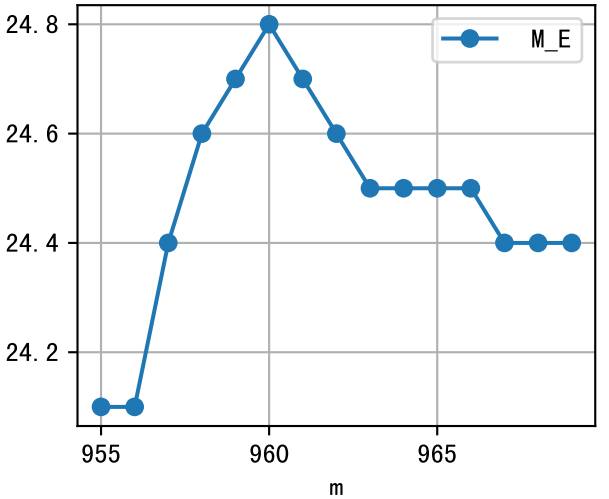
m=875,m FV0=0



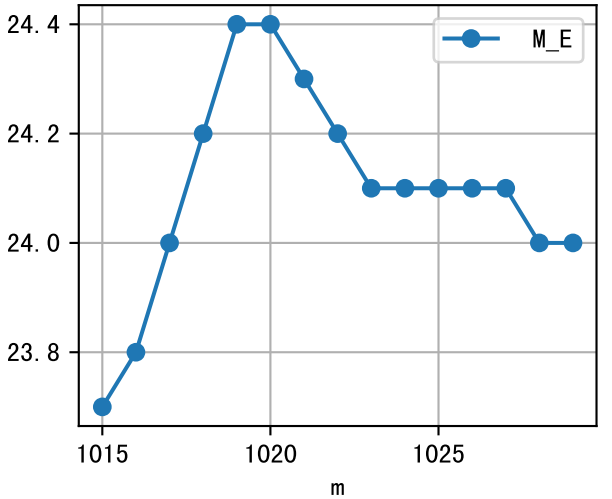
m=915,m FV0=0

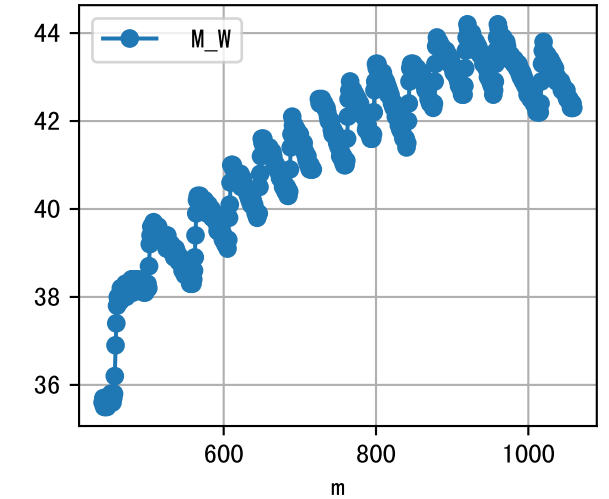


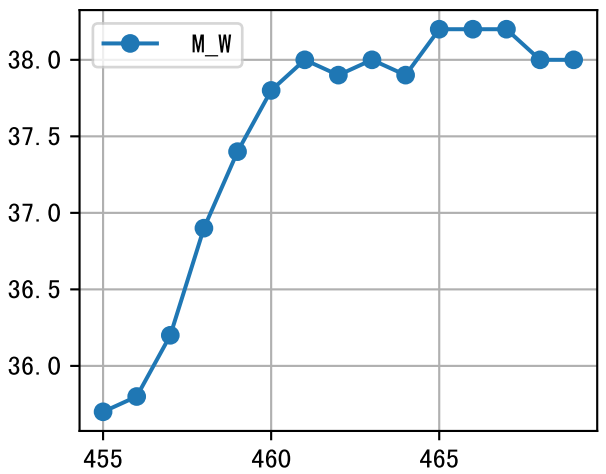
m=955,m FV0=0

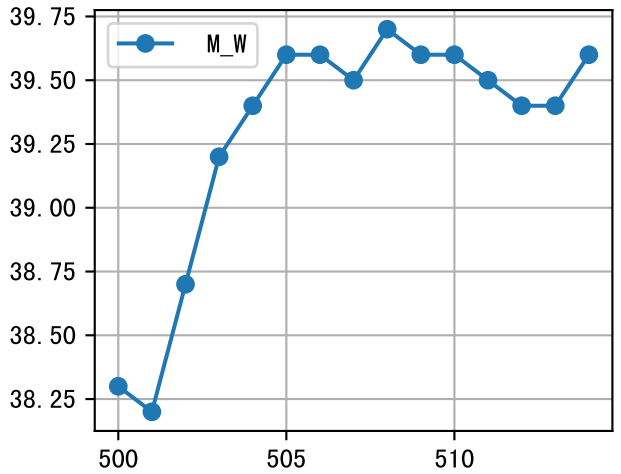


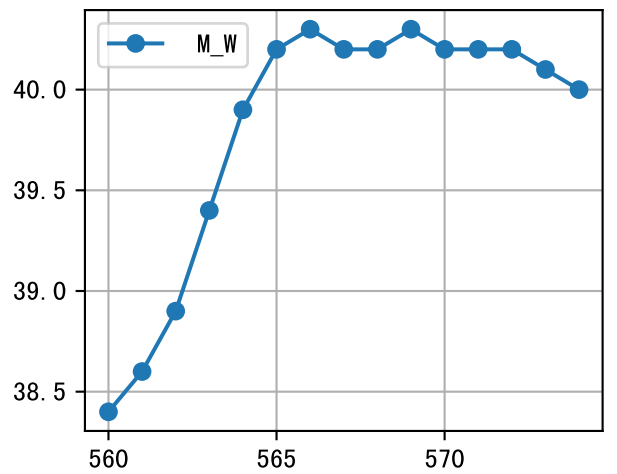
m=1015m FV0=0

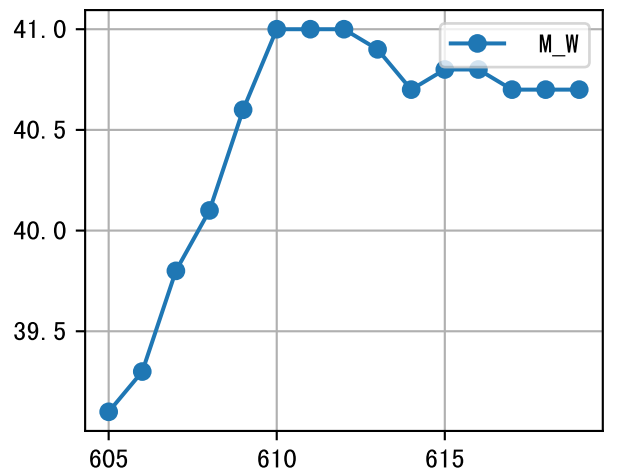


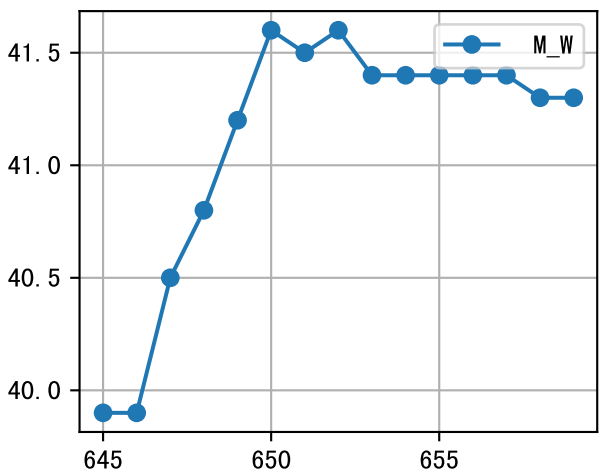


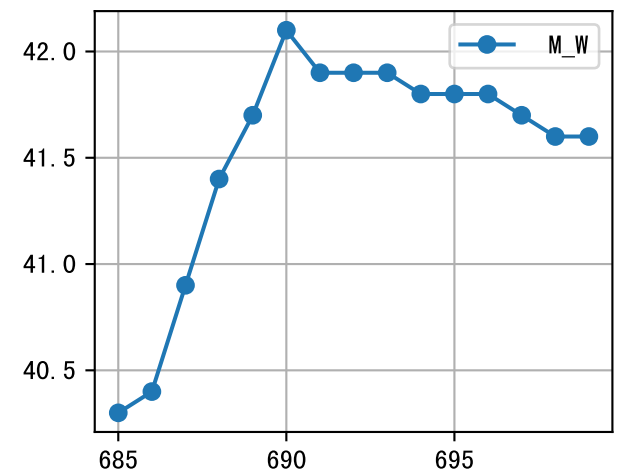

m=455, FV0=0
M_W
38.0
37.5
37.0
36.5
36.0
455
460
465

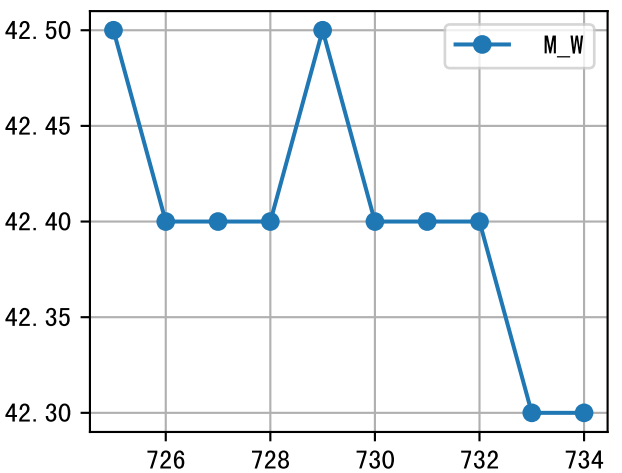

m=500, FV0=0
M_W
39.75
39.50
39.25
39.00
38.75
38.50
38.25
500
505
510

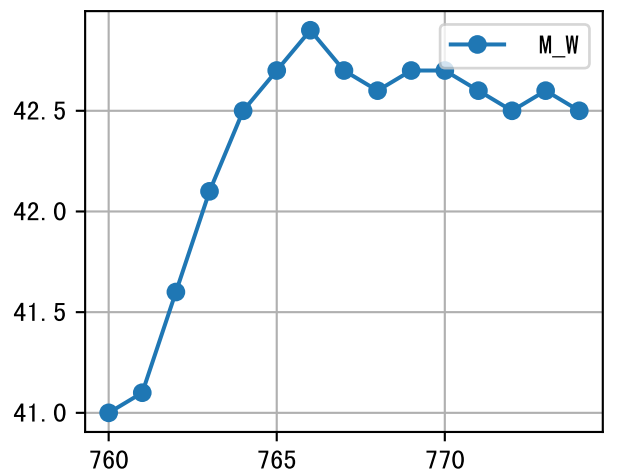

m=560, FV0=0
M_W
40.0
39.5
39.0
38.5
560
565
570

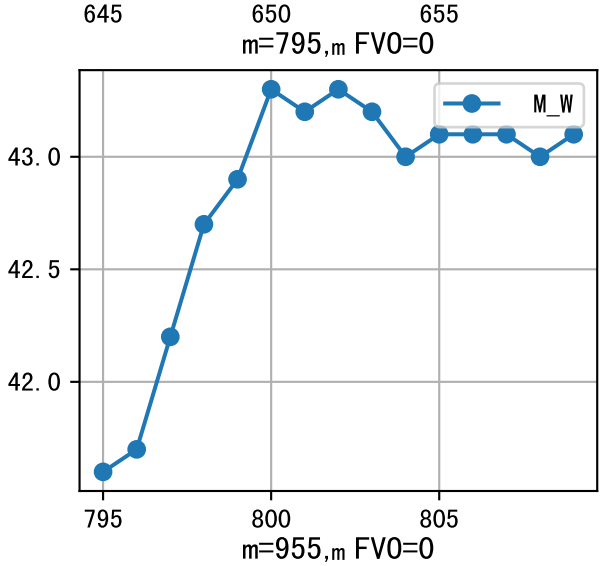

m=605, FV0=0
M_W
41.0
40.5
40.0
39.5
605
610
615

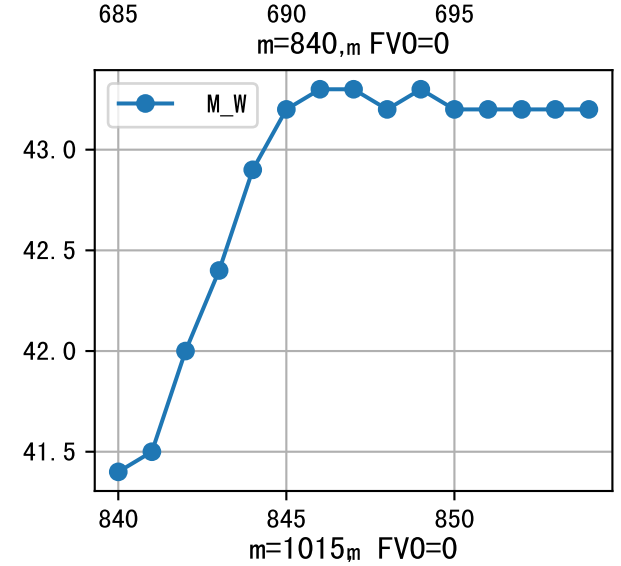

m=645,m FV0=0
M_W
41.5
41.0
40.5
40.0
645
650
655

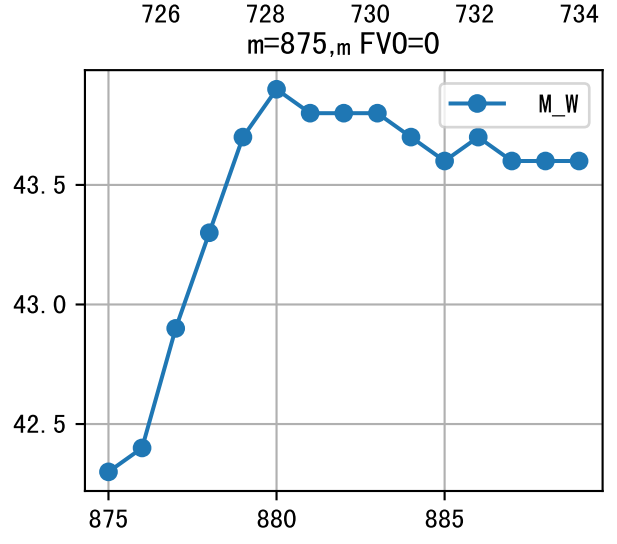

m=685,m FV0=0
M_W
42.0
41.5
41.0
40.5
685
690
695

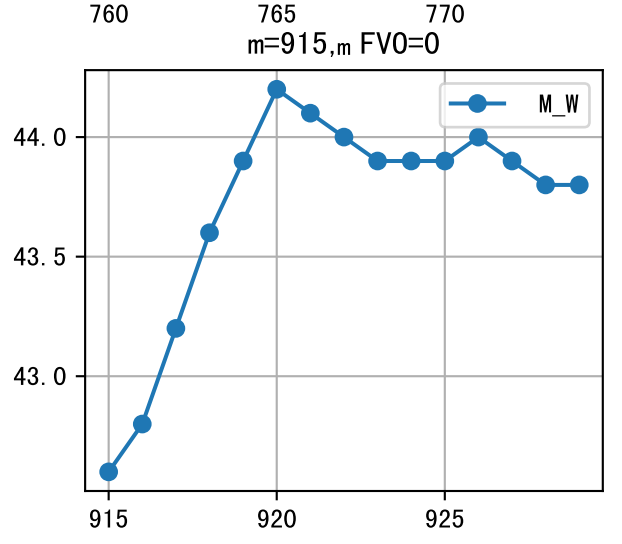

m=720,m FV0=0
M_W
42.50
42.45
42.40
42.35
42.30
726
728
730
732
734

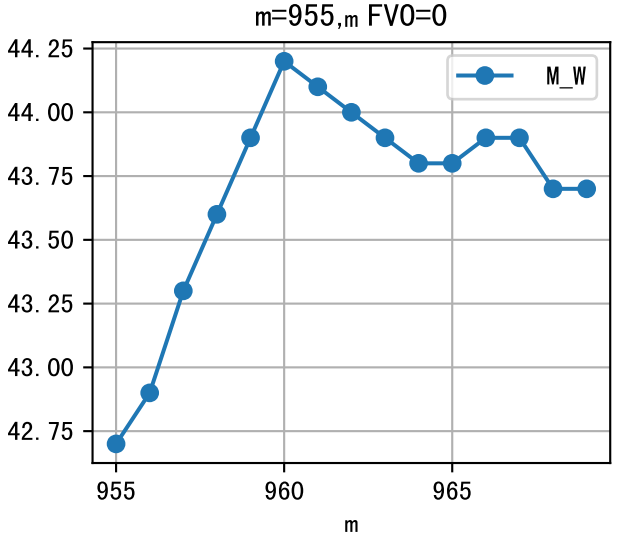

m=760,m FV0=0
M_W
42.5
42.0
41.5
41.0
760
765
770

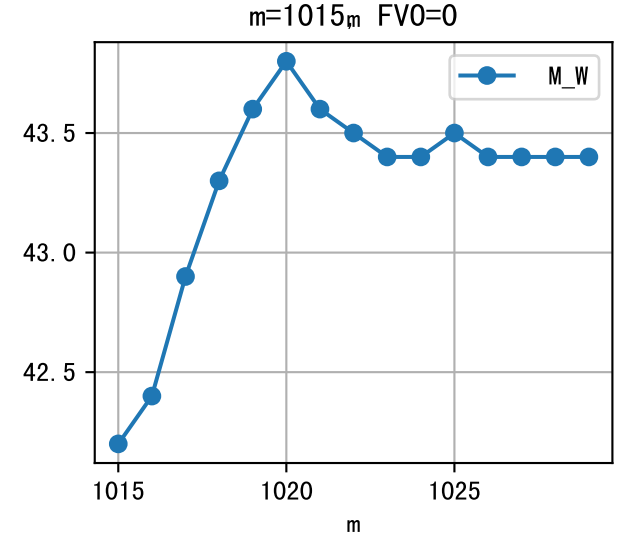

m=795,m FV0=0
M_W
43.0
42.5
42.0
795
800
805

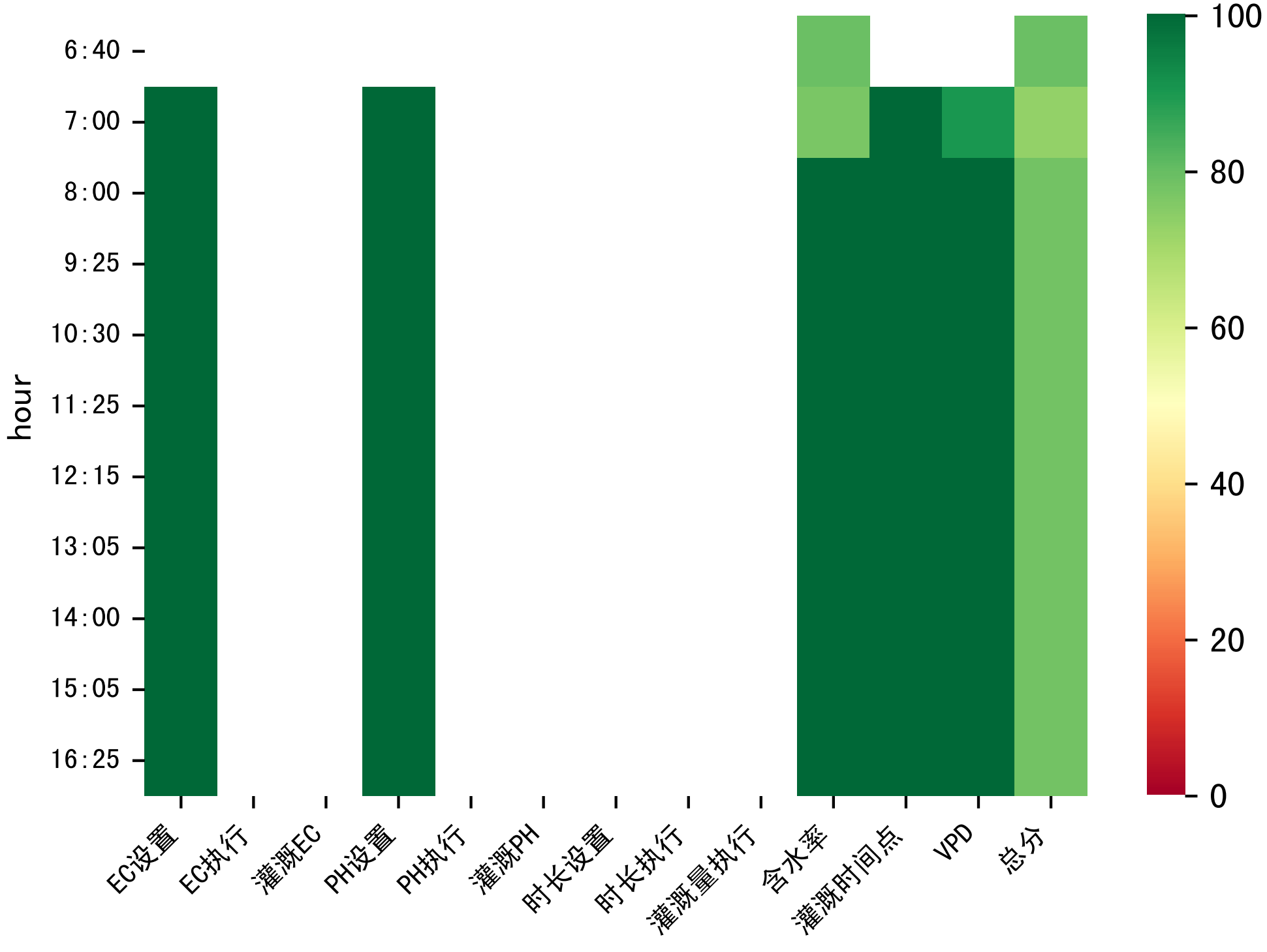

m=840,m FV0=0
M_W
43.0
42.5
42.0
41.5
840
845
850


m=875,m FV0=0
M_W
43.5
43.0
42.5
875
880
885
m


m=915,m FV0=0
M_W
44.0
43.5
43.0
915
920
925
m


m=955,m FV0=0
M_W
44.25
44.00
43.75
43.50
43.25
43.00
42.75
955
960
965
m

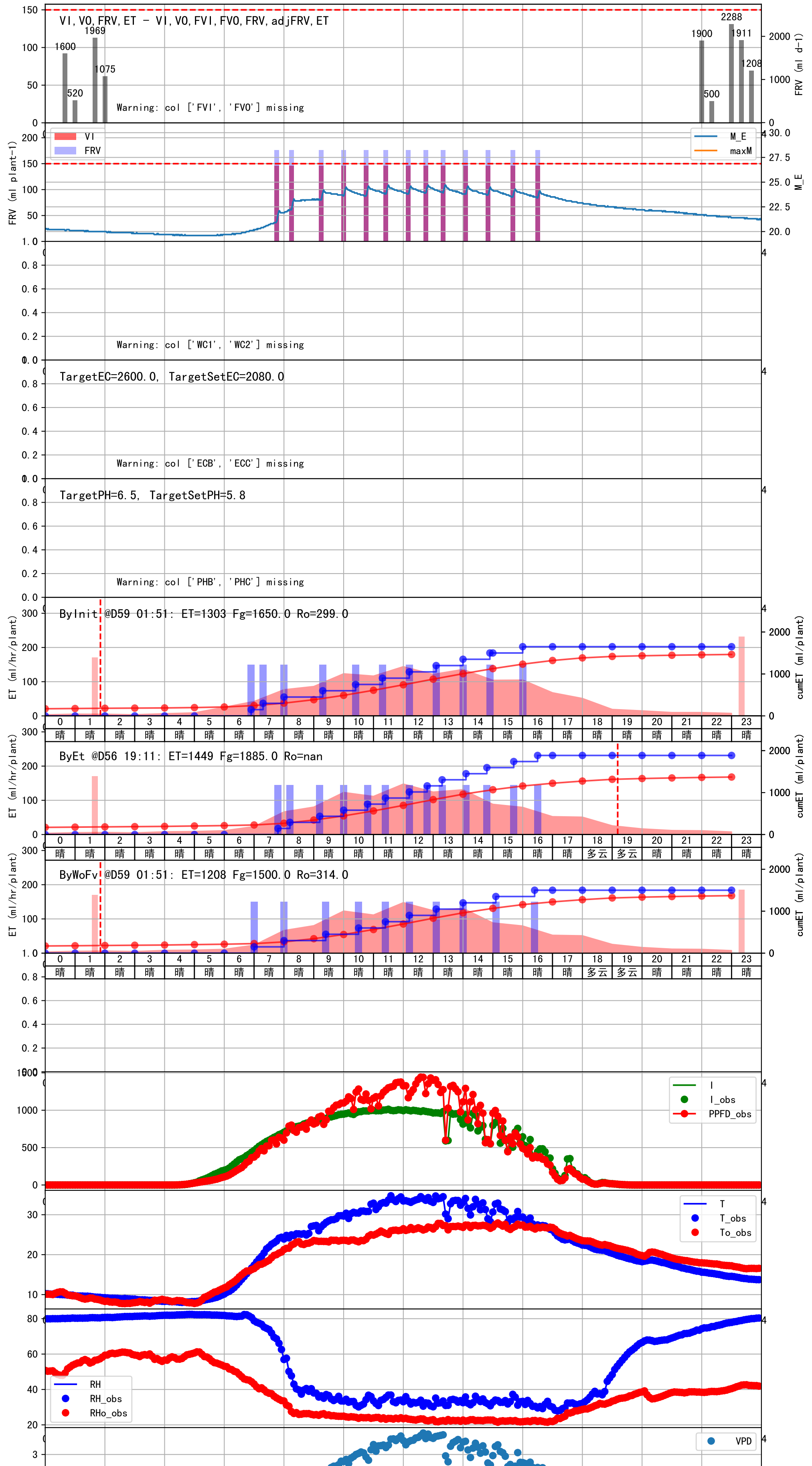

m=1015m FV0=0
M_W
43.5
43.0
42.5
1015
1020
1025
m

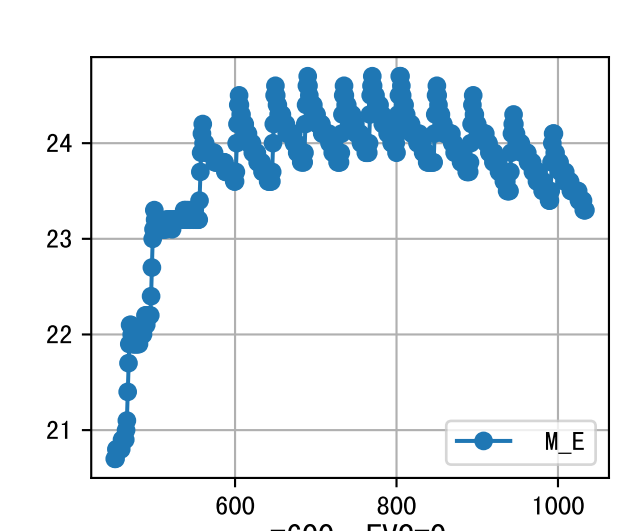

hour
6:40
7:00
8:00
9:25
10:30
11:25
12:15
13:05
14:00
15:05
16:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

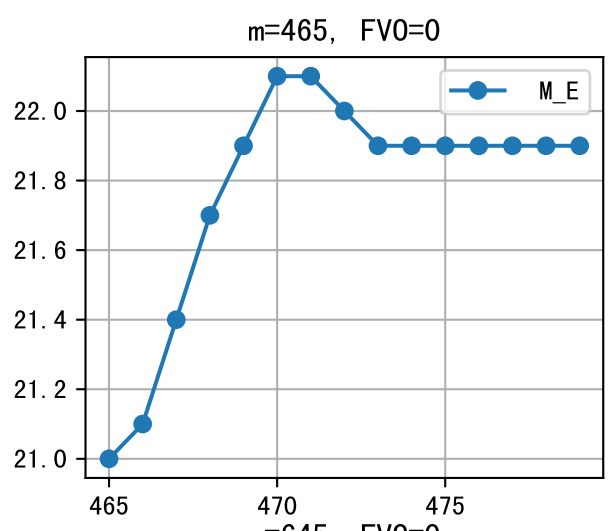
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:00	273	150.0	晴	假设@07:00 自动（未用传感器）
08:00	273	150.0	晴	假设@08:00 自动（未用传感器）
09:25	273	150.0	晴	假设@09:25 自动（未用传感器）
10:30	273	150.0	晴	假设@10:30 自动（未用传感器）
11:25	273	150.0	晴	假设@11:25 自动（未用传感器）
12:15	273	150.0	晴	假设@12:15 自动（未用传感器）
13:05	273	150.0	晴	假设@13:05 自动（未用传感器）
14:00	273	150.0	晴	假设@14:00 自动（未用传感器）
15:05	273	150.0	晴	假设@15:05 自动（未用传感器）
16:25	273	150.0	晴	假设@16:25 自动（未用传感器）
总计	2730.0 (10次)	1500.0		建议进液EC：2080.0， PH：5.8

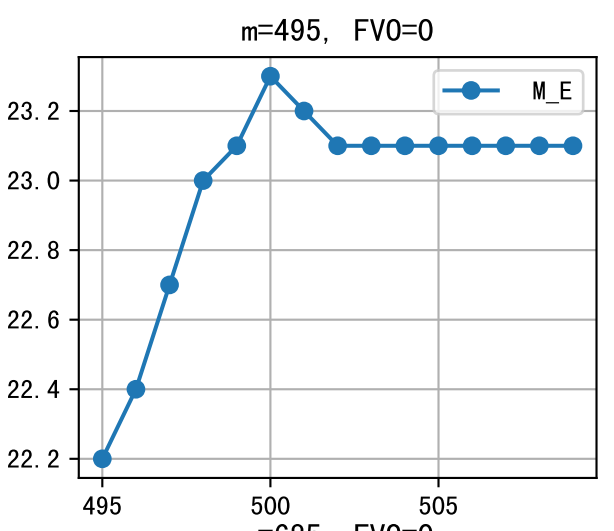
进回液EC差(2223.0 vs 3240.0)偏高

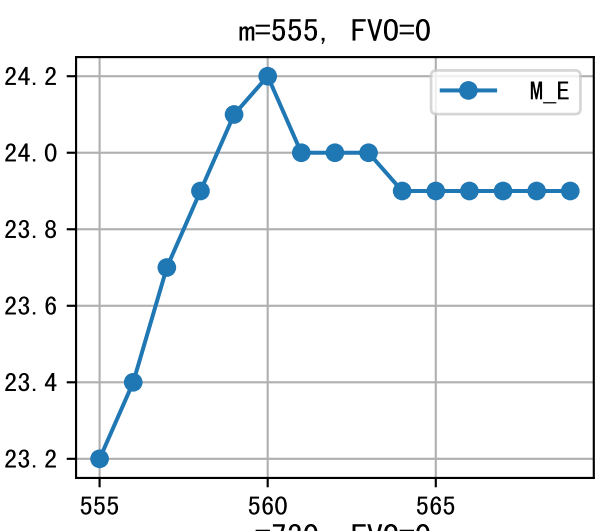
P3-7_0, Day=56 (2025-05-24)

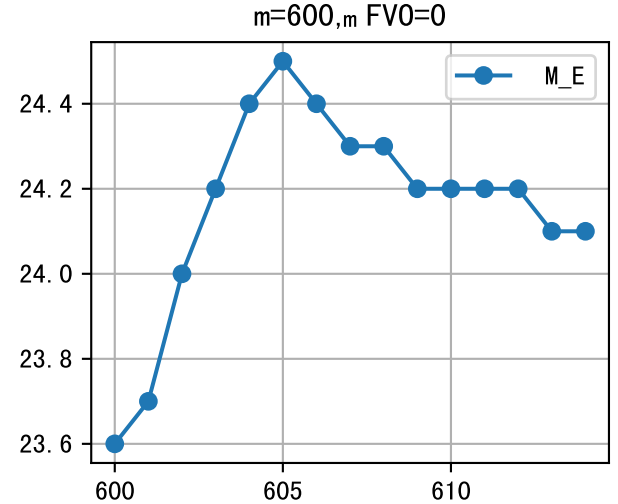


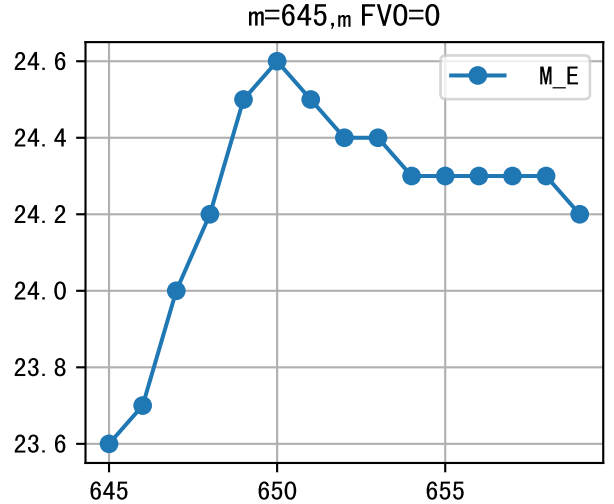

M_E

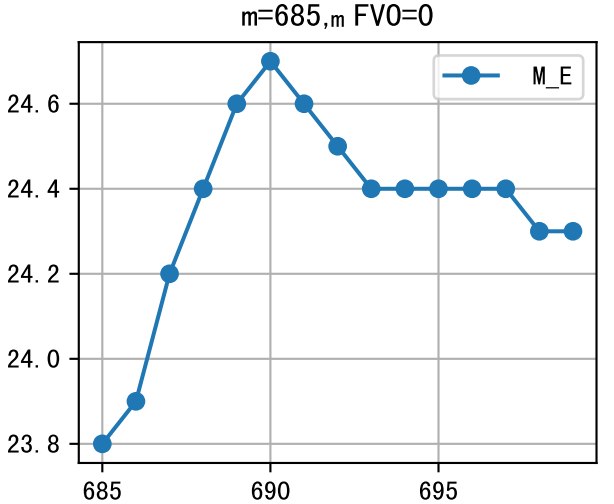

m=465, FV0=0
M_E

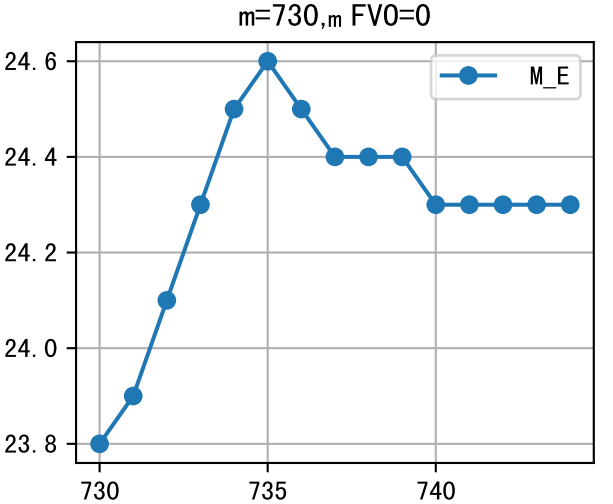

m=495, FV0=0
M_E

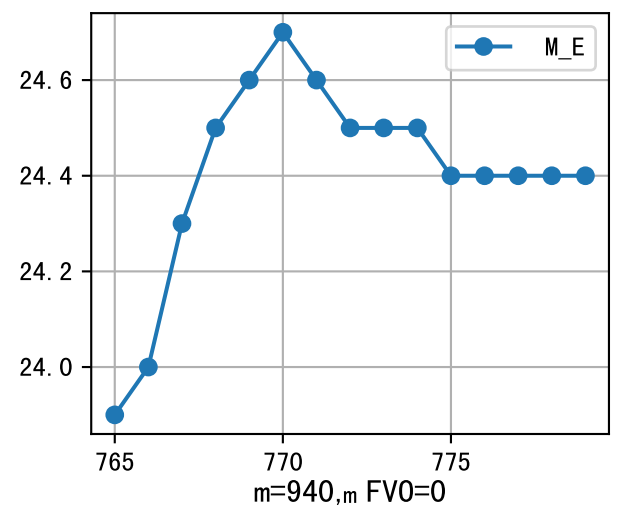

m=555, FV0=0
M_E

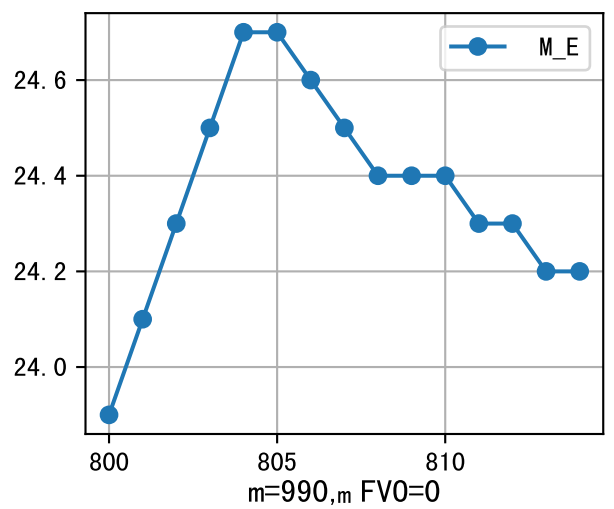

m=600,m FV0=0
M_E

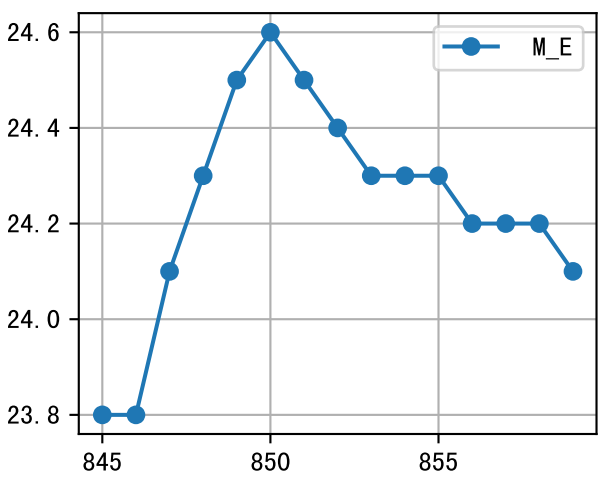

m=645,m FV0=0
M_E

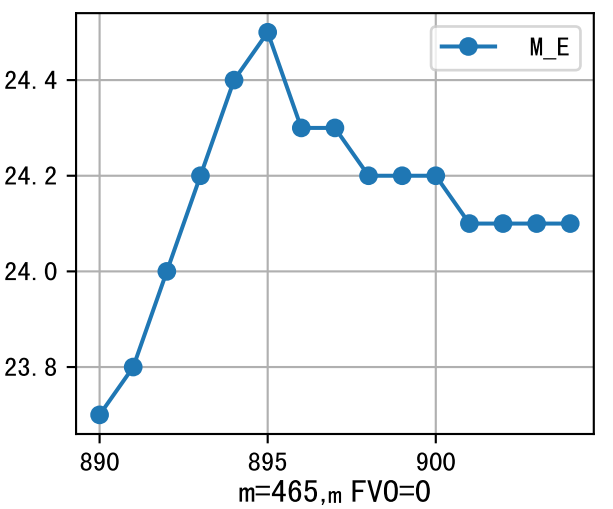

m=685,m FV0=0
M_E

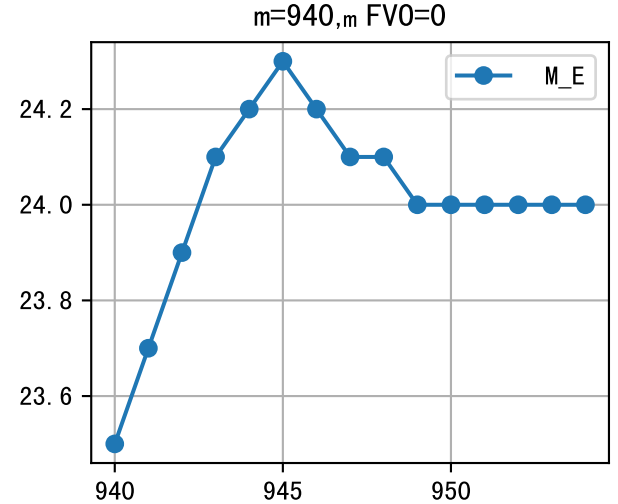

m=730,m FV0=0
M_E

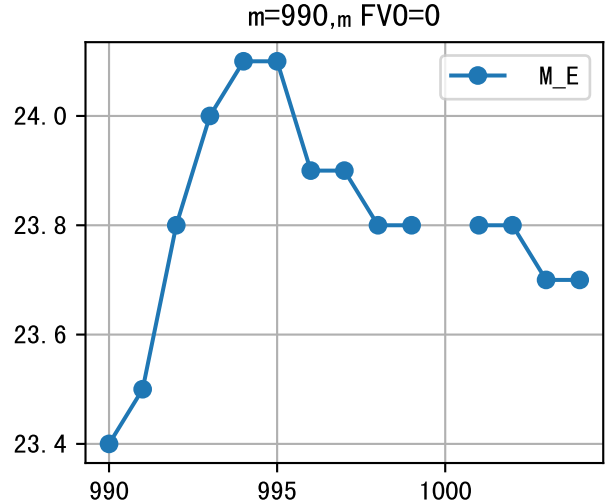

m=765,m FV0=0
M_E

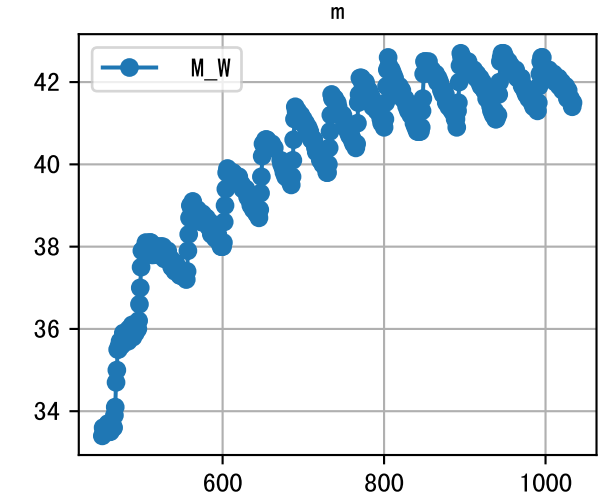

m=800,m FV0=0
M_E

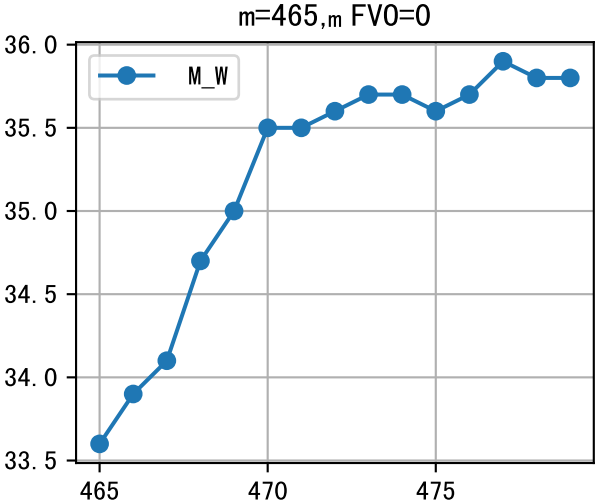

m=845,m FV0=0
M_E
m

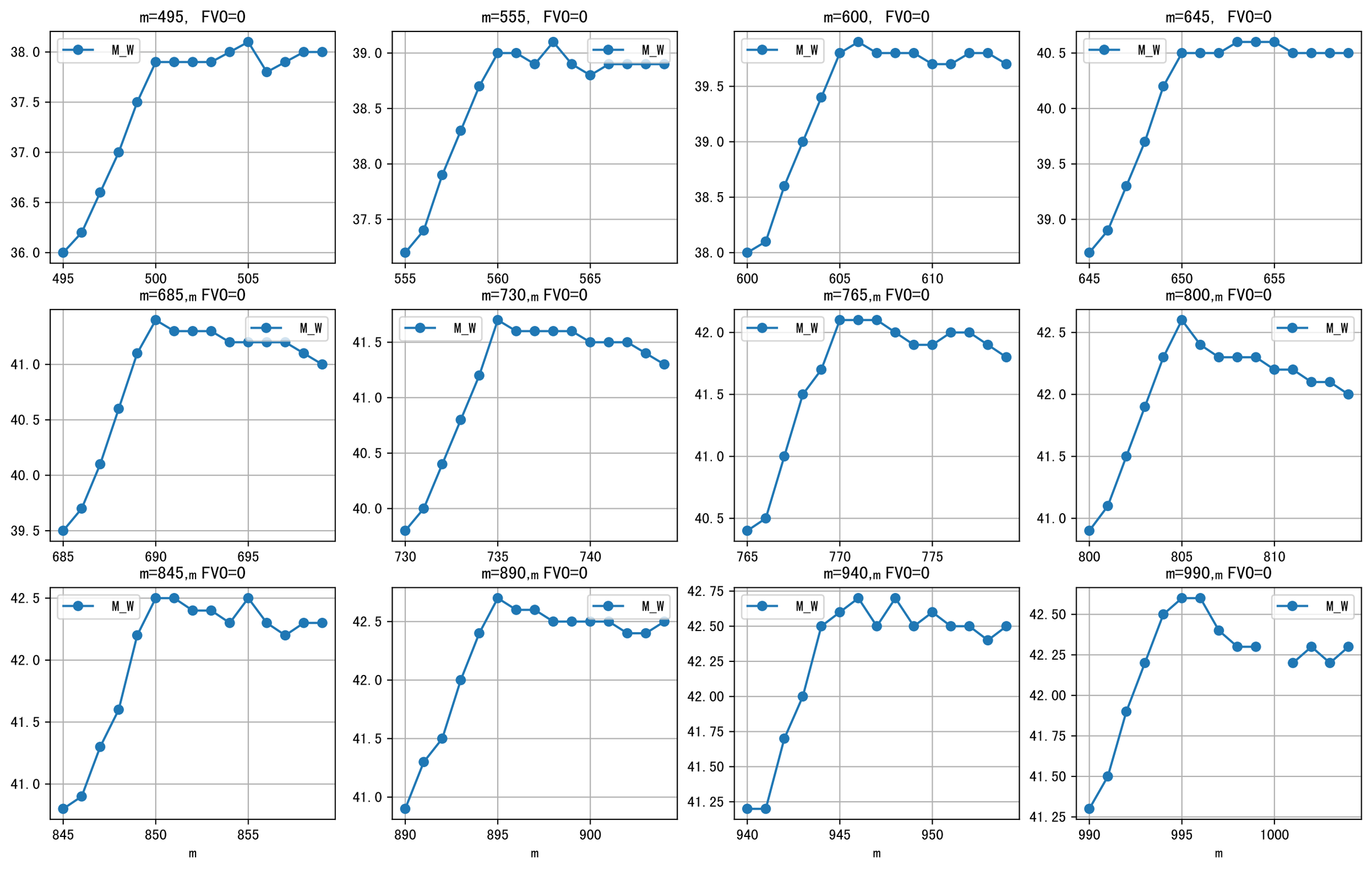

m=890,m FV0=0
M_E

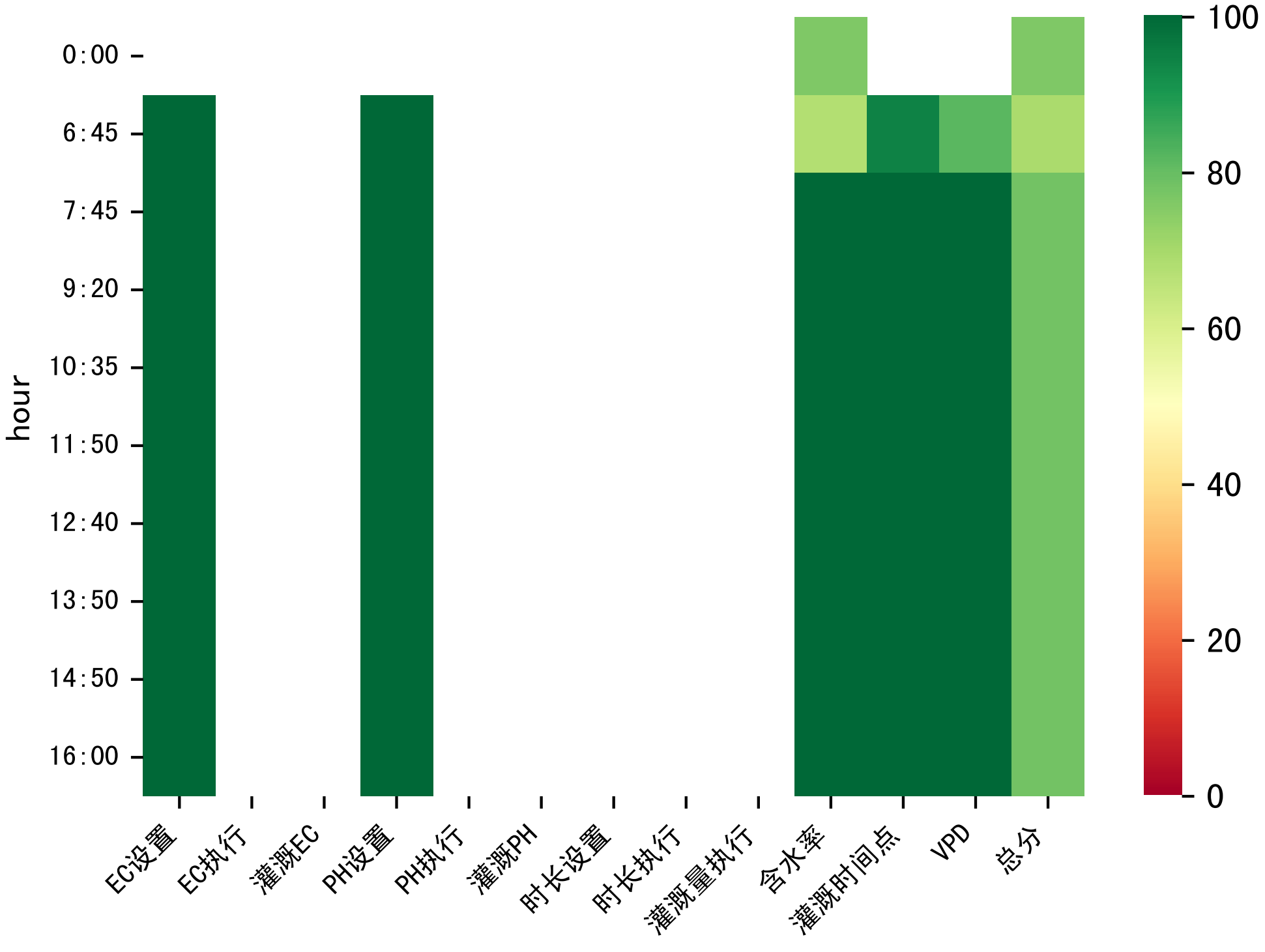

m=940,m FV0=0
M_E
m


m=990,m FV0=0
M_E
m


m=465,m FV0=0
M_W
m


M_W
m

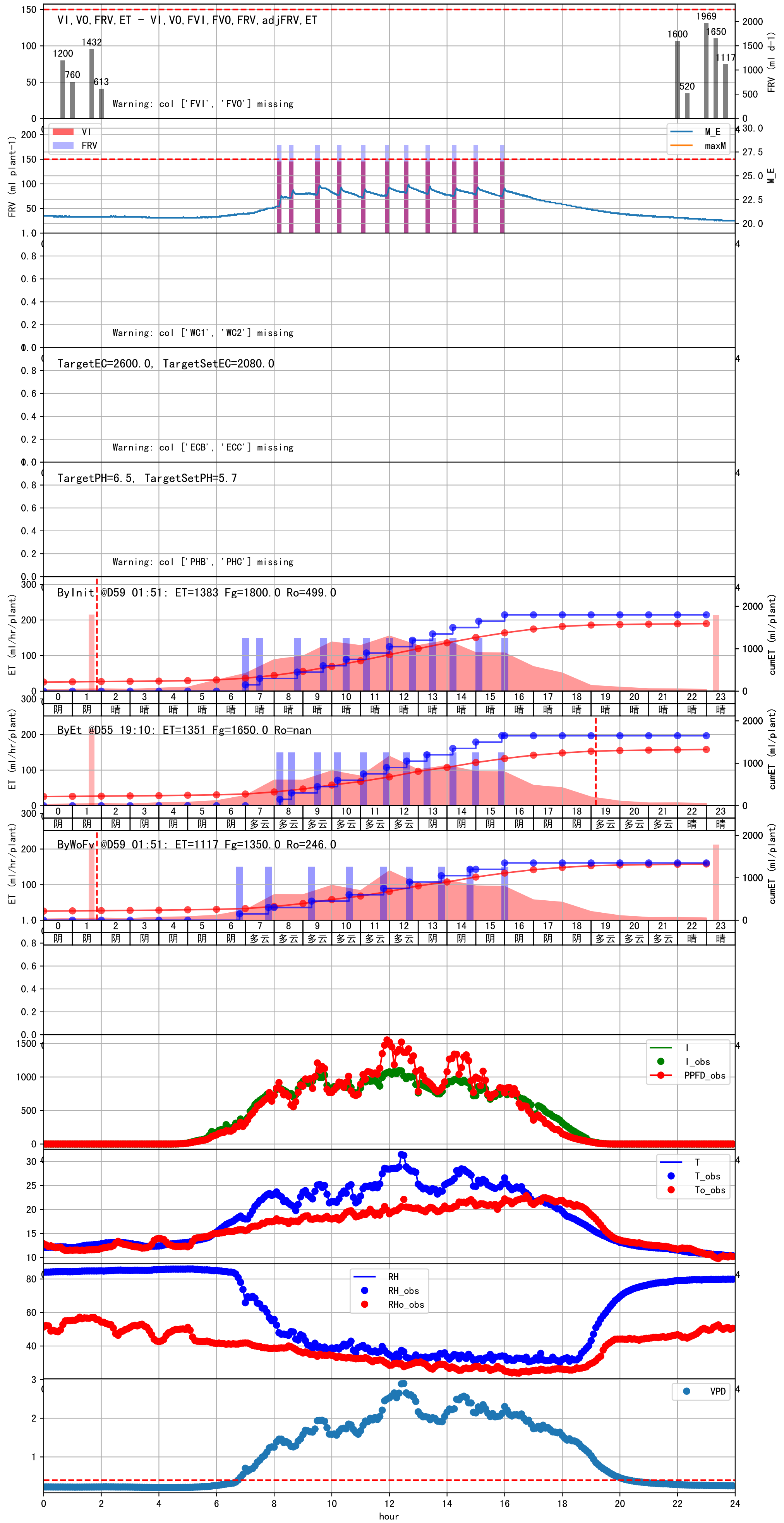

m=495, FV0=0
m=555, FV0=0
m=600, FV0=0
m=645, FV0=0
m=685,m FV0=0
m=730,m FV0=0
m=765,m FV0=0
m=800,m FV0=0
m=845,m FV0=0
m=890,m FV0=0
m=940,m FV0=0
m=990,m FV0=0
M_W
m

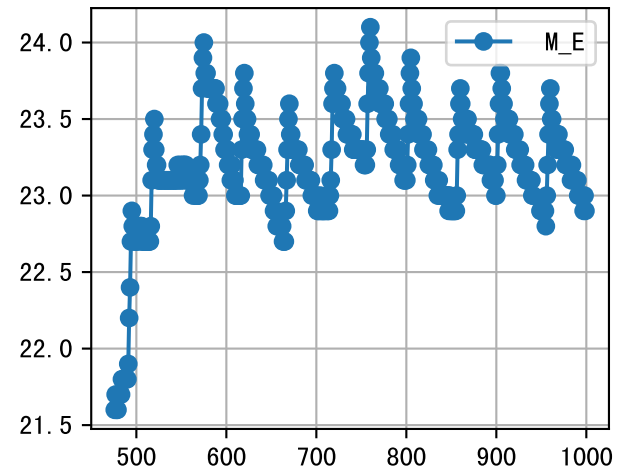

hour
0:00
6:45
7:45
9:20
10:35
11:50
12:40
13:50
14:50
16:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

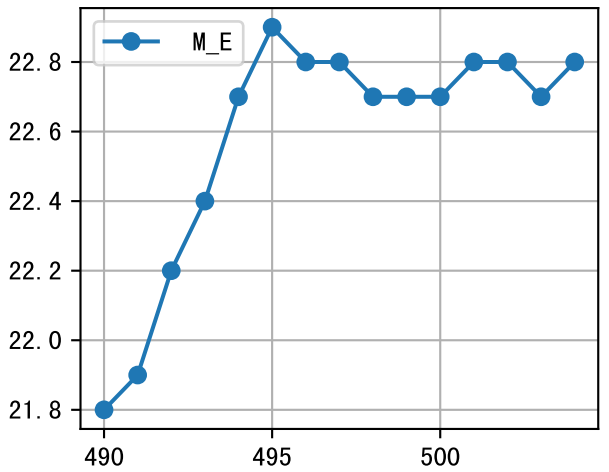
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:45	278	150.0	阴	假设@06:45 自动（未用传感器）
07:45	278	150.0	多云	假设@07:45 自动（未用传感器）
09:20	278	150.0	多云	假设@09:20 自动（未用传感器）
10:35	278	150.0	多云	假设@10:35 自动（未用传感器）
11:50	278	150.0	多云	假设@11:50 自动（未用传感器）
12:40	278	150.0	多云	假设@12:40 自动（未用传感器）
13:50	278	150.0	阴	假设@13:50 自动（未用传感器）
14:50	278	150.0	阴	假设@14:50 自动（未用传感器）
16:00	278	150.0	阴	假设@16:00 自动（未用传感器）
总计	2502.0 (9次)	1350.0		建议进液EC：2080.0， PH：5.7

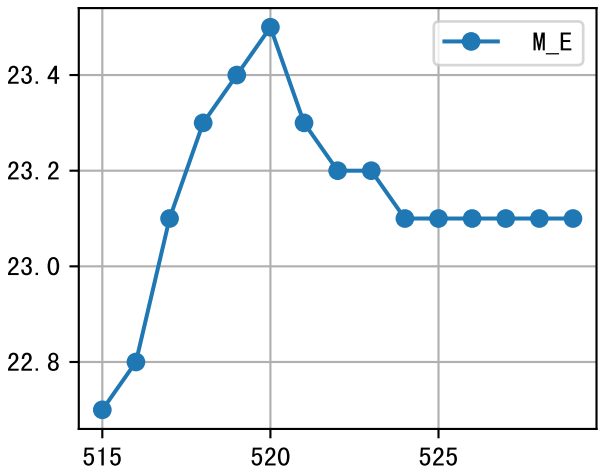
进回液EC差(2080.0 vs 3253.0)偏高

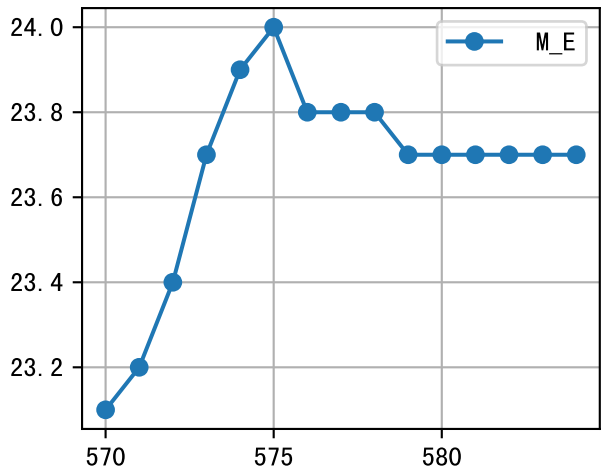
P3-7_0, Day=55 (2025-05-23)

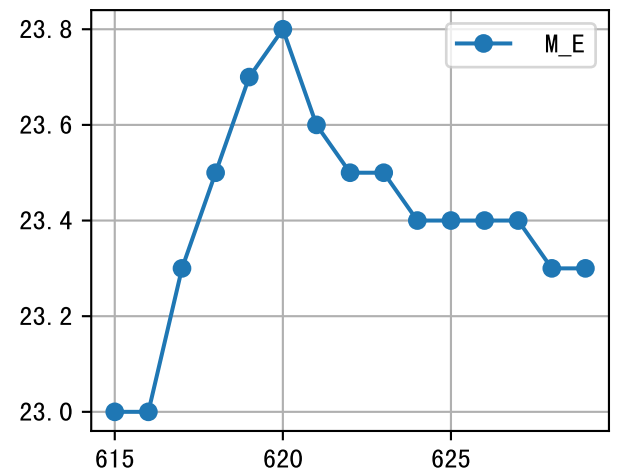


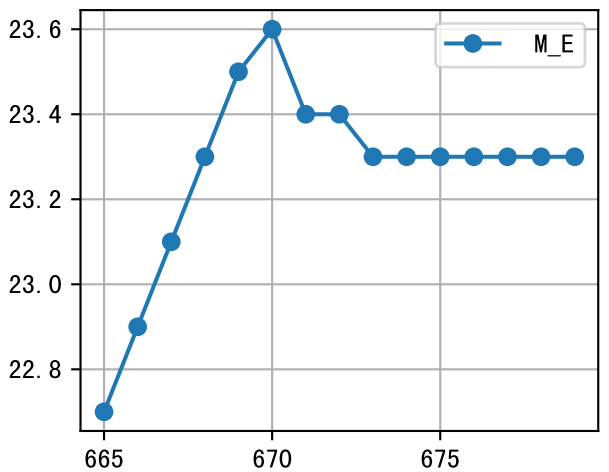

M_E

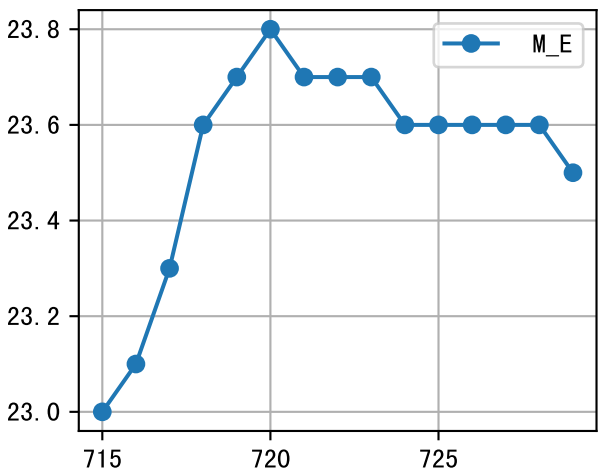

m=490, FV0=0
M_E

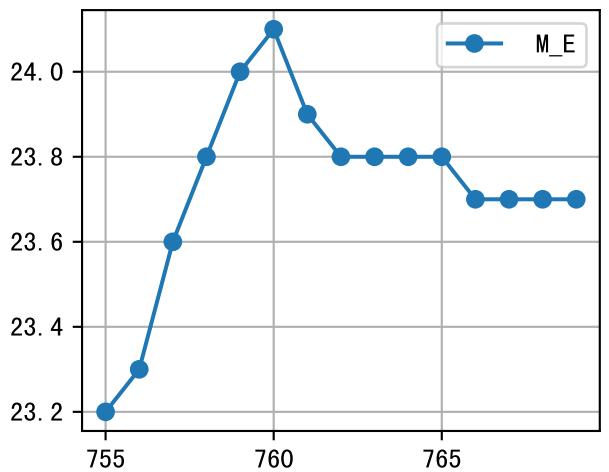

m=515, FV0=0
M_E

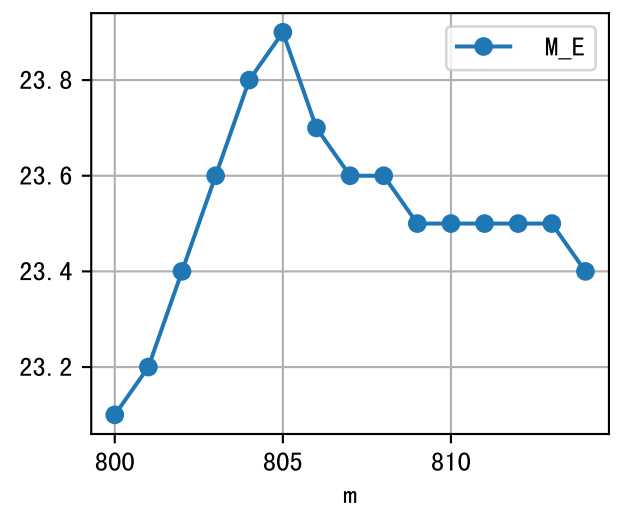

m=570, FV0=0
M_E

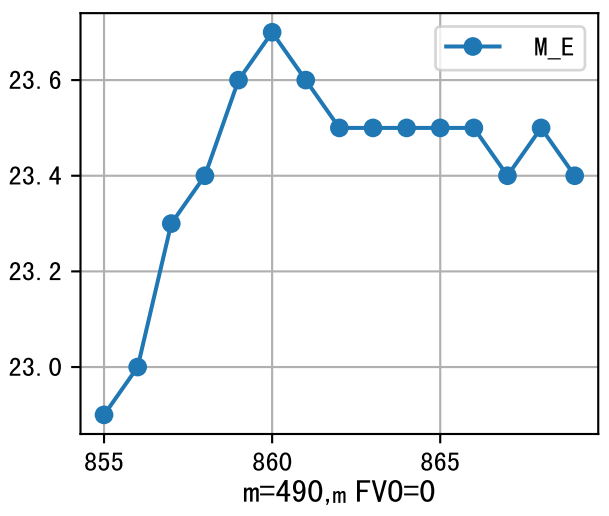

m=615,m FV0=0
M_E

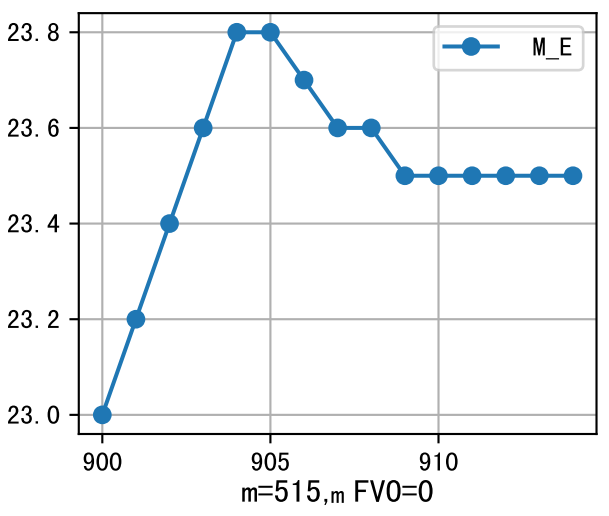

m=665,m FV0=0
M_E

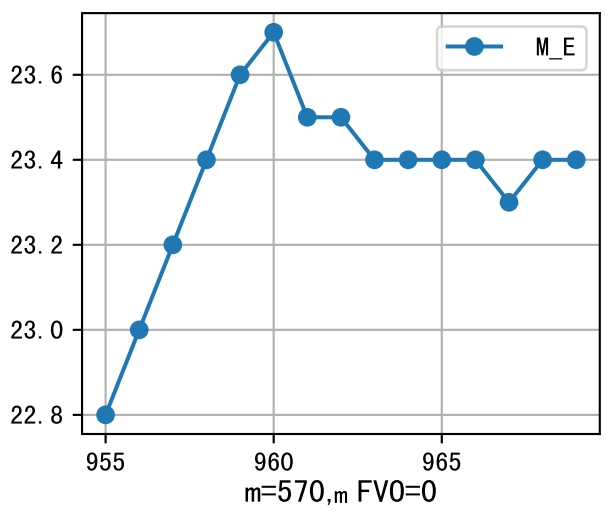

m=715,m FV0=0
M_E

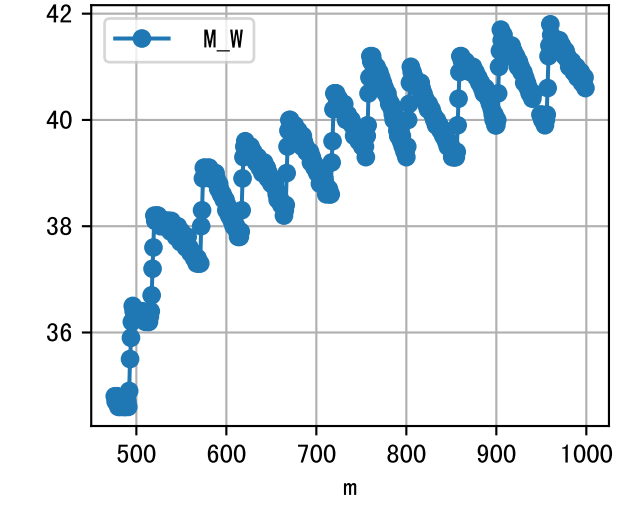

m=755,m FV0=0
M_E

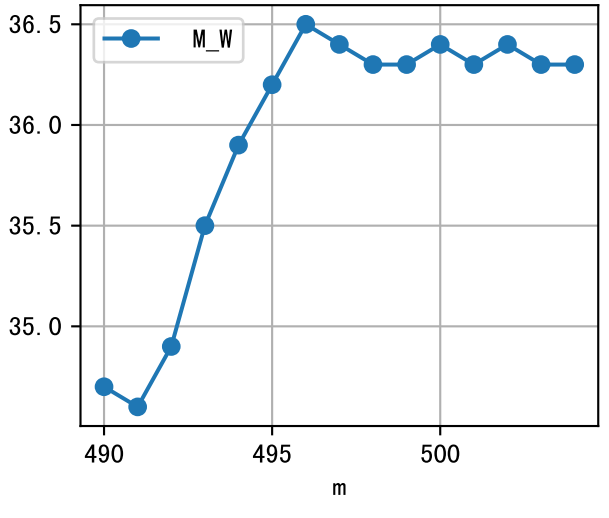

M_E
m

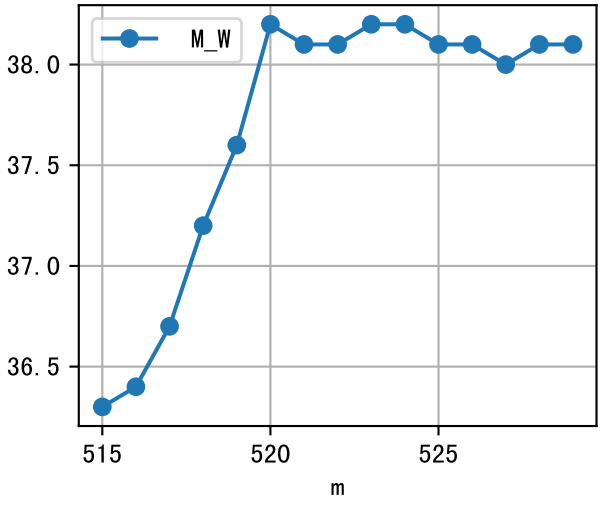

M_E
m=490,m FV0=0

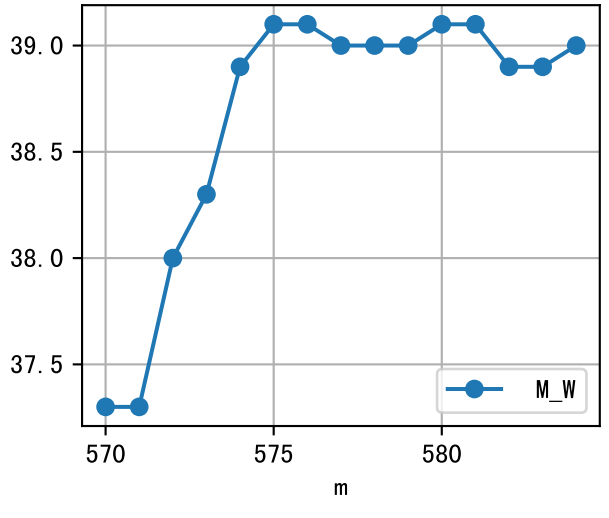

M_E
m=515,m FV0=0

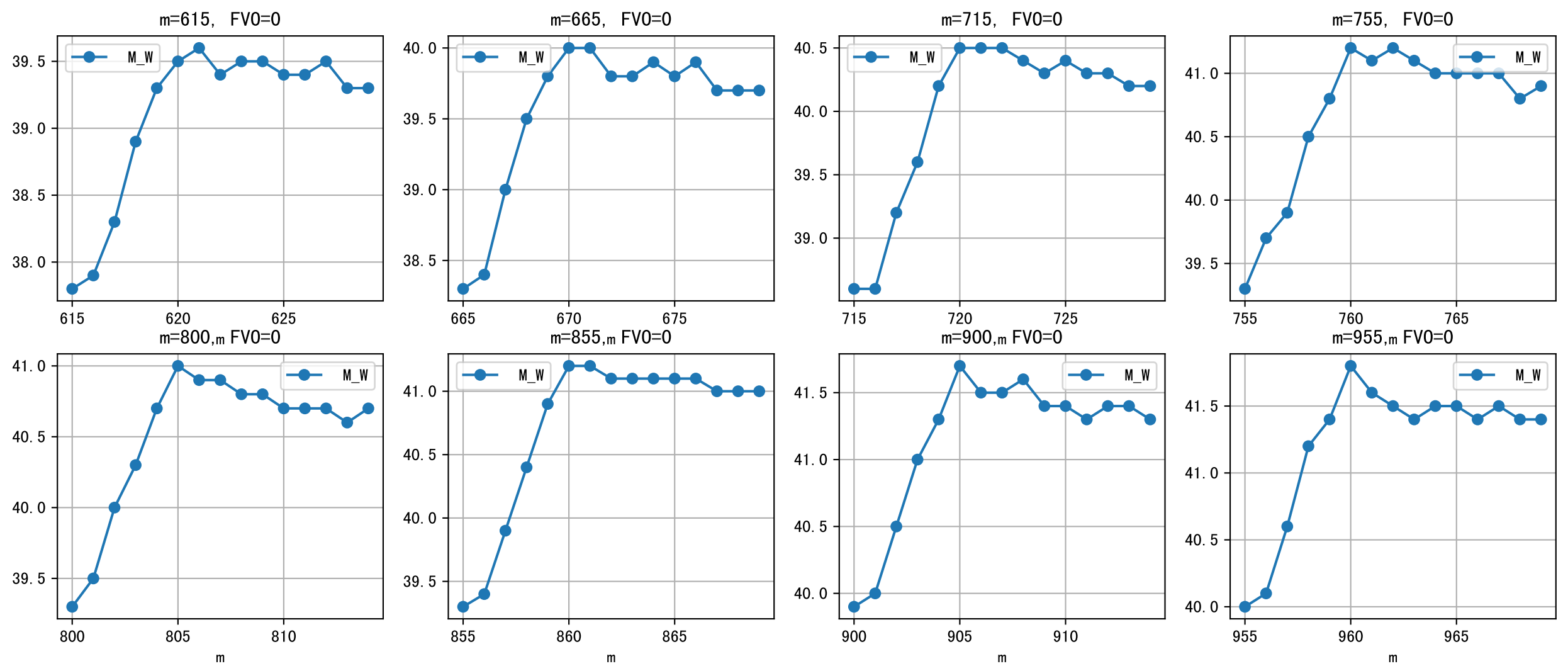

M_E
m=570,m FV0=0


M_W
m


M_W
m


M_W
m


M_W
m


m=615, FV0=0
m=665, FV0=0
m=715, FV0=0
m=755, FV0=0
m=800,m FV0=0
m=855,m FV0=0
m=900,m FV0=0
m=955,m FV0=0
M_W
m