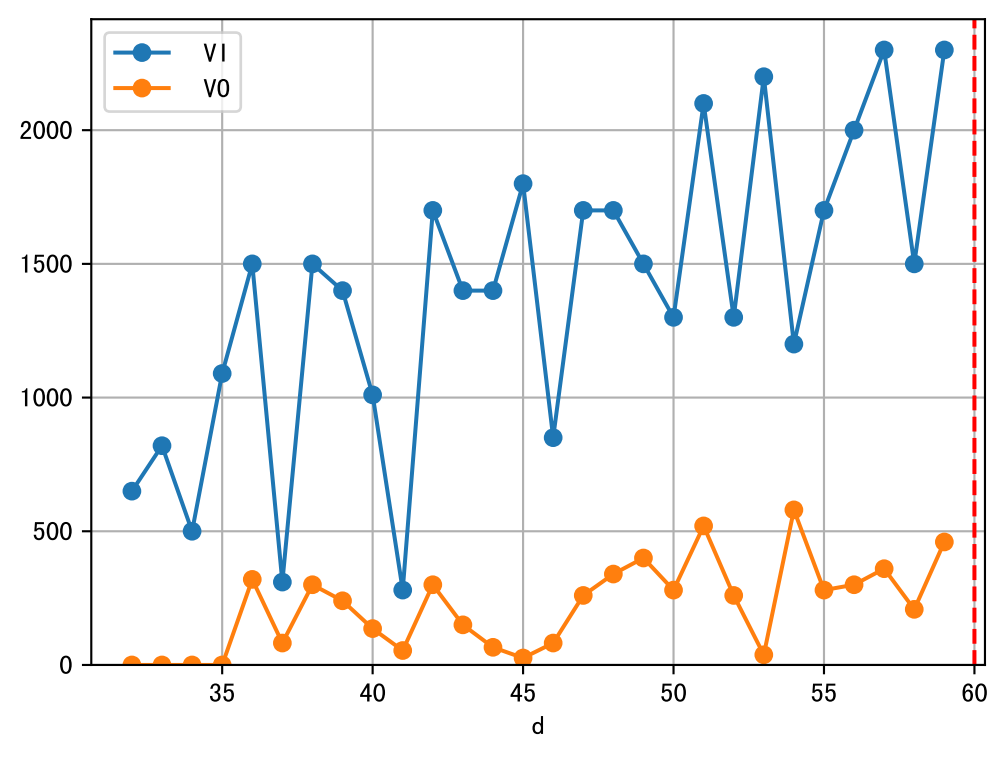
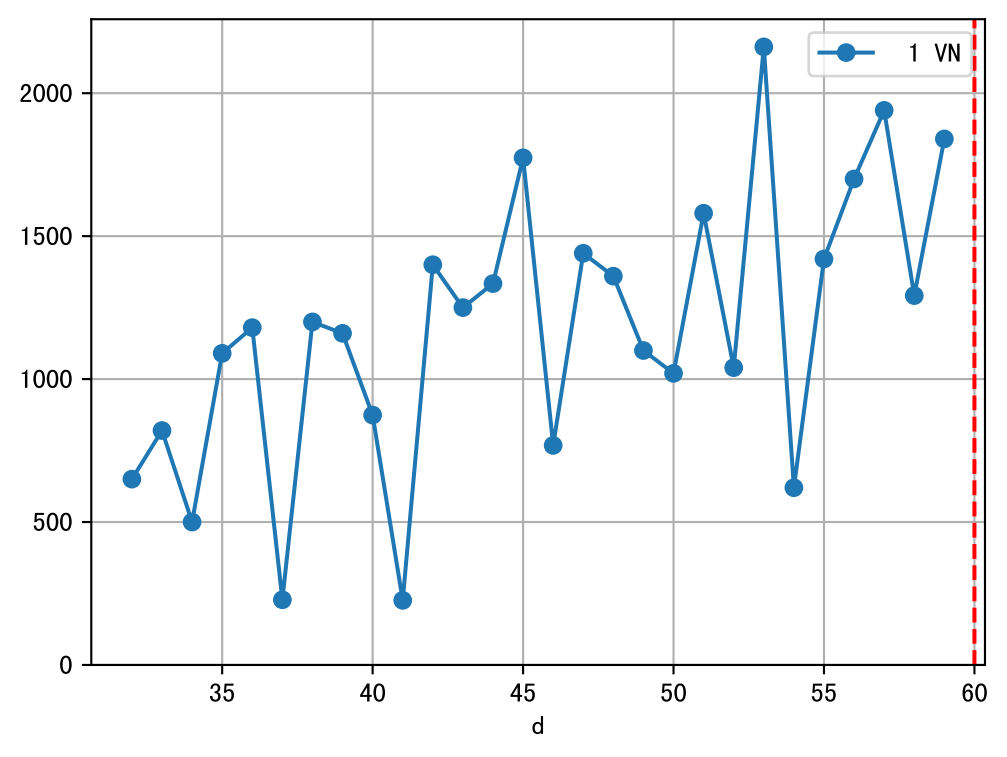
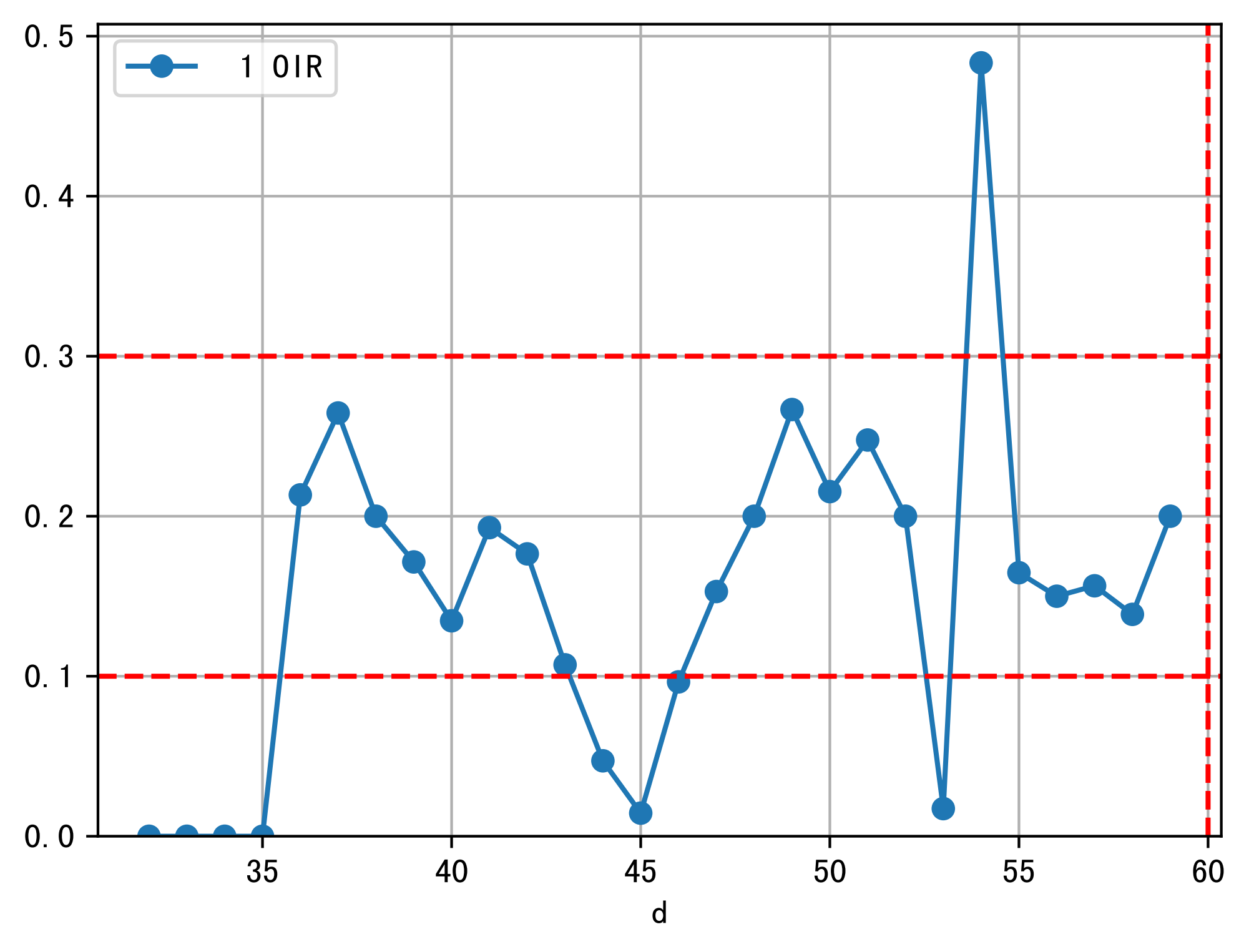
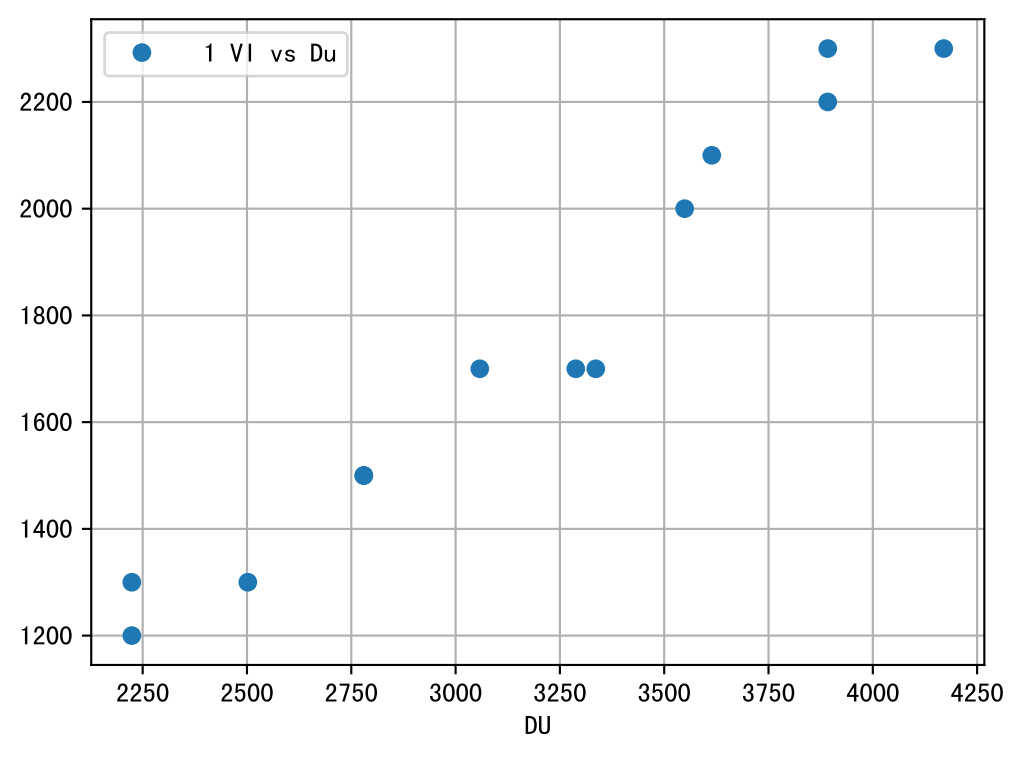
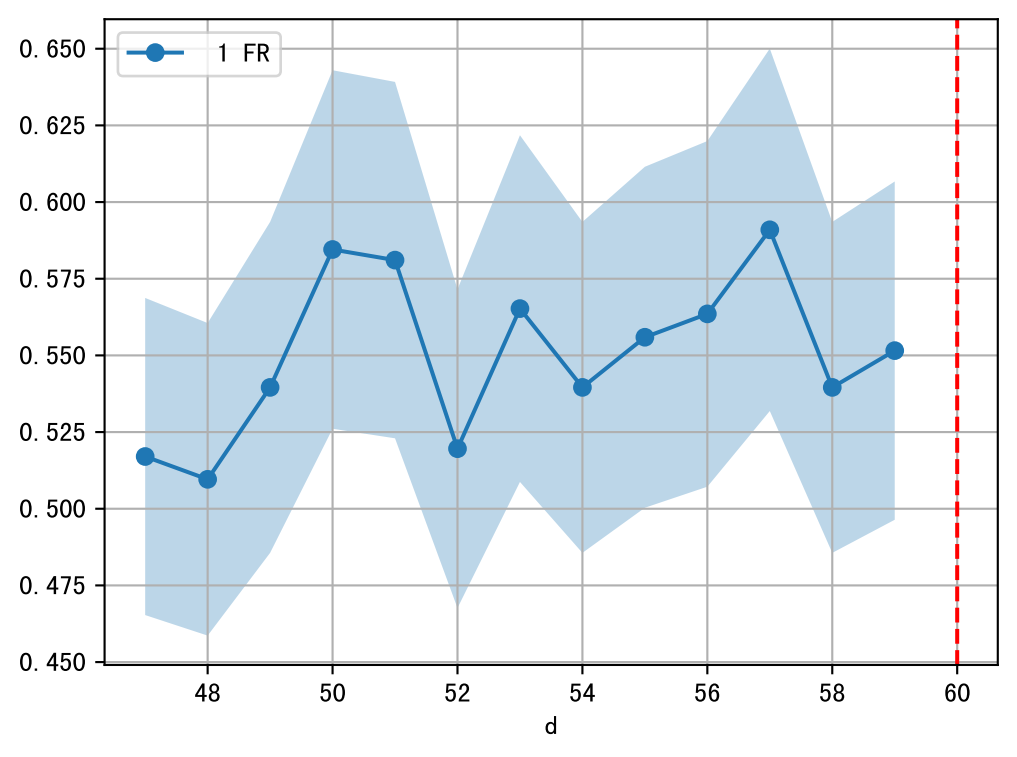
FgArea: ['0']
NC11 P3-4
2025-05-28 (Day 60)

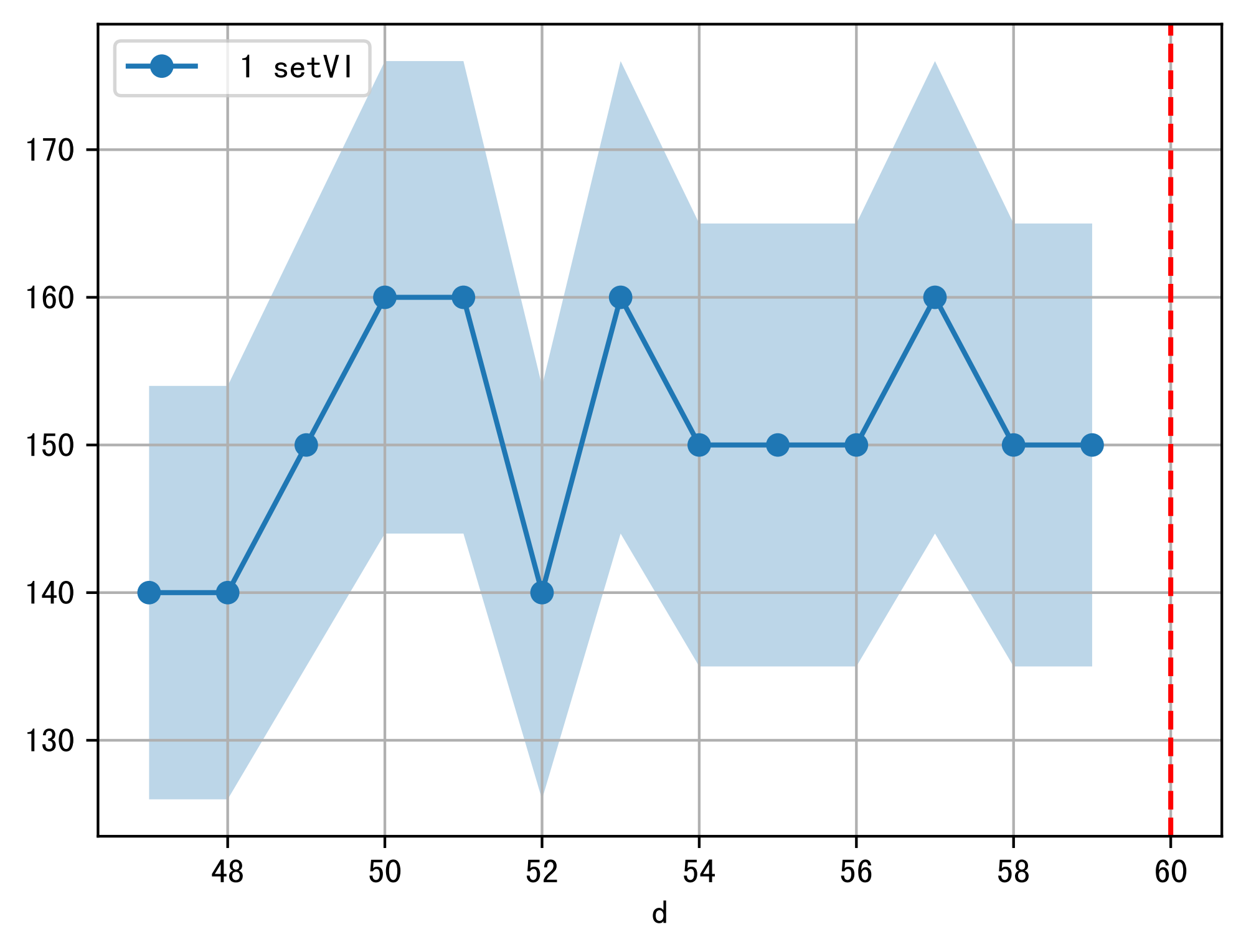

VI
V0
2000
1500
1000
500
0
35
40
45
50
55
60
d

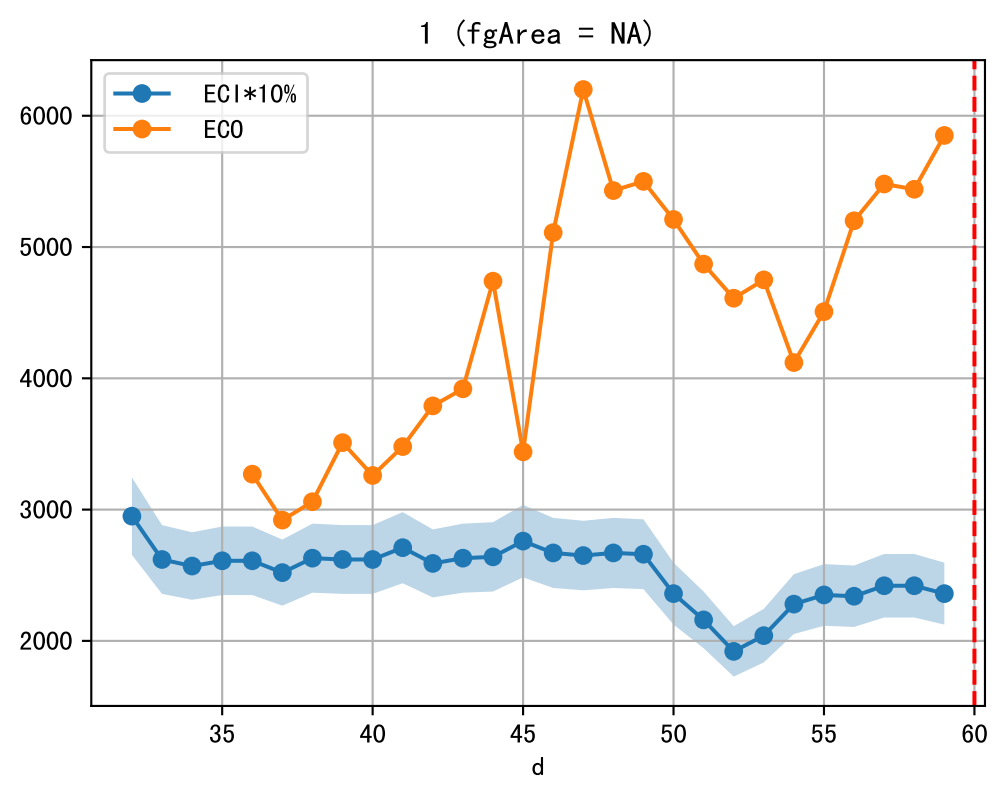

1 VN
2000
1500
1000
500
0
35
40
45
50
55
60
d

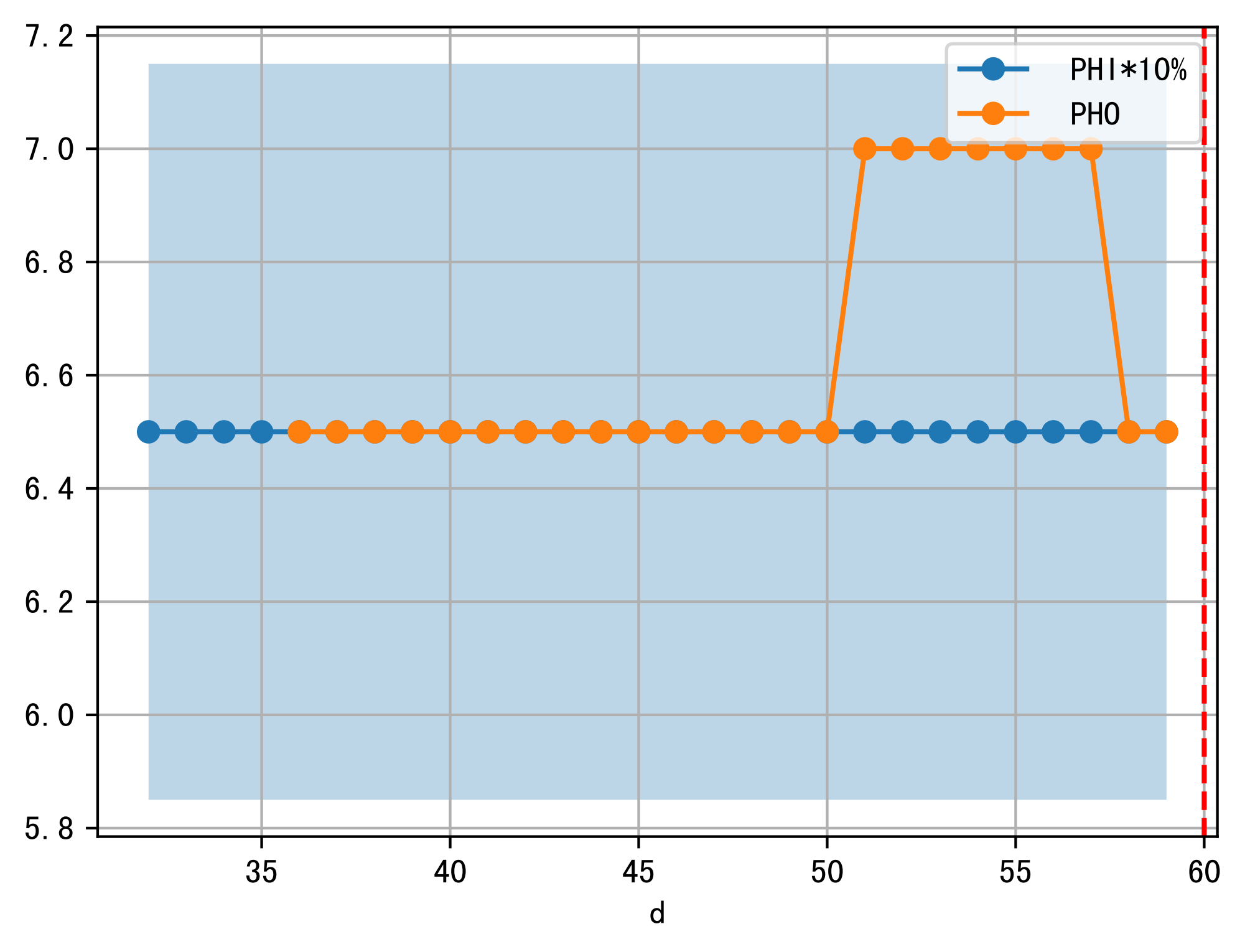

1 0IR
0. 5
0. 4
0. 3
0. 2
0. 1
0. 0
35
40
45
50
55
60
d

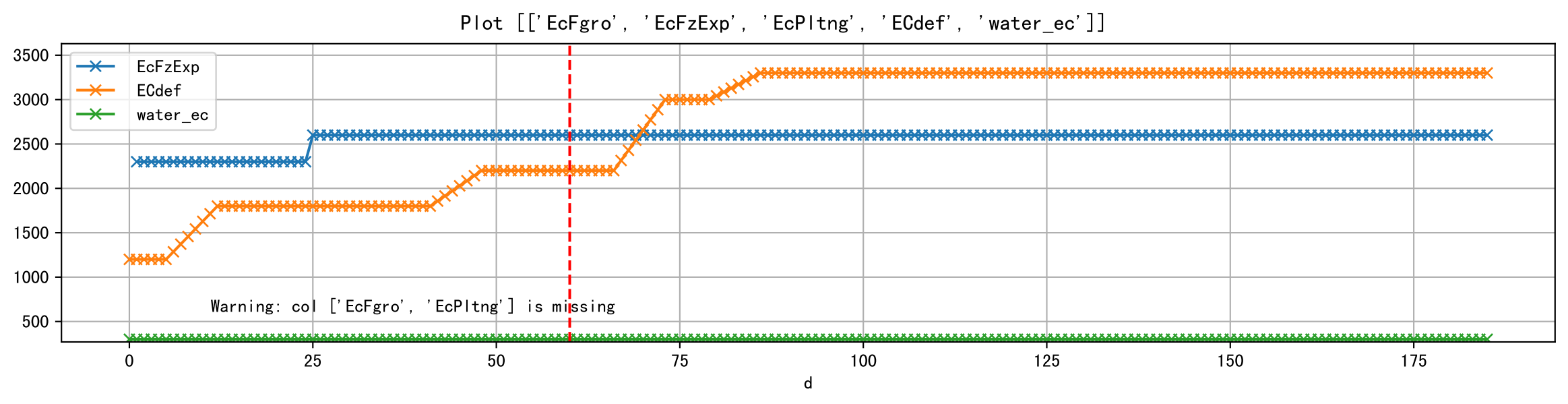

1 VI vs Du
2200
2000
1800
1600
1400
1200
2250
2500
2750
3000
3250
3500
3750
4000
4250
DU

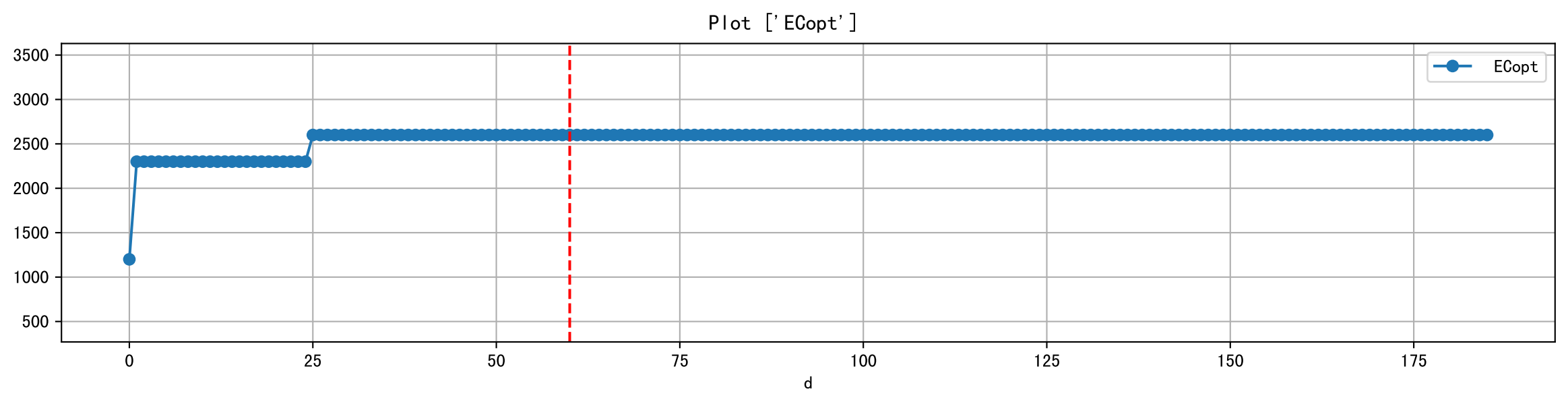

1 FR
0. 650
0. 625
0. 600
0. 575
0. 550
0. 525
0. 500
0. 475
0. 450
48
50
52
54
56
58
60
d


1 setVI
170
160
150
140
130
48
50
52
54
56
58
60
d

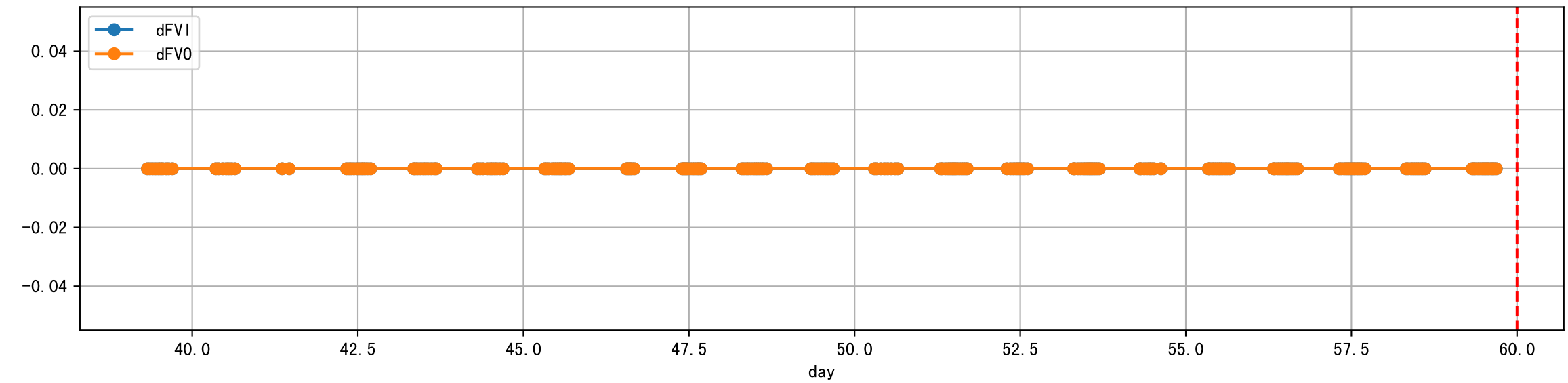

1 (fgArea = NA)
ECI*10%
ECO
6000
5000
4000
3000
2000
35
40
45
50
55
60
d

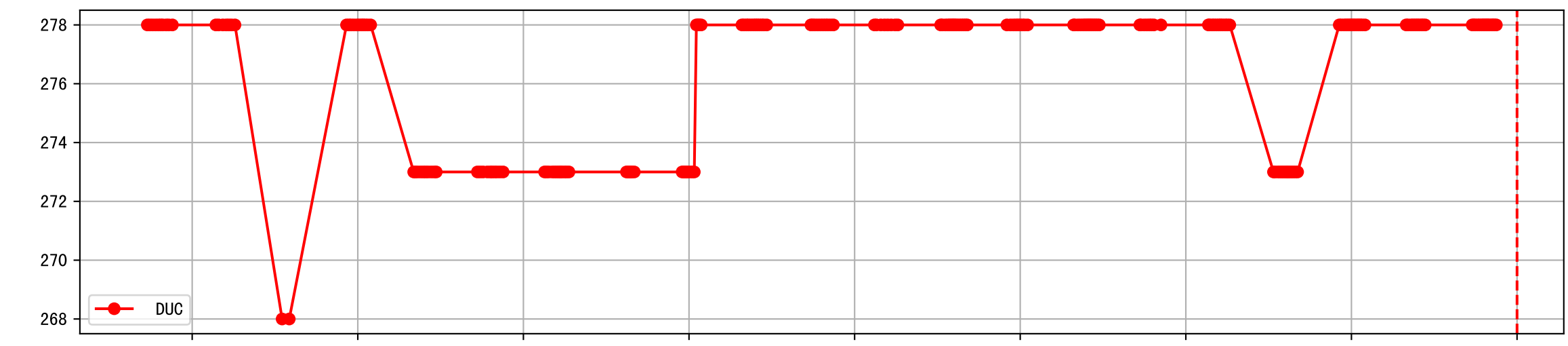

PHI*10%
PH0
7.2
7.0
6.8
6.6
6.4
6.2
6.0
5.8
35
40
45
50
55
60
d

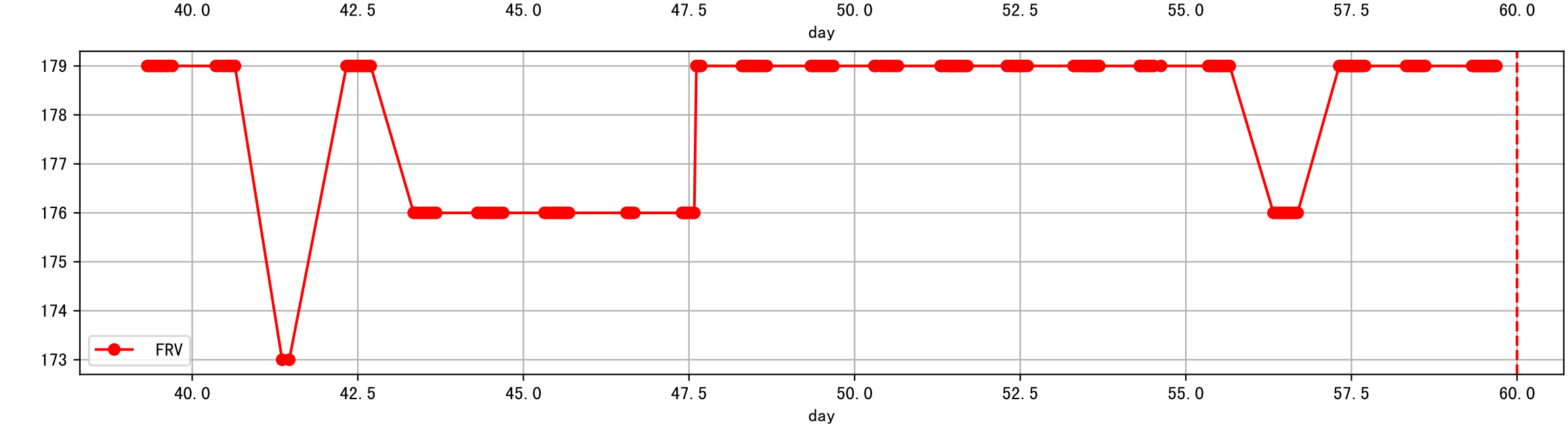

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

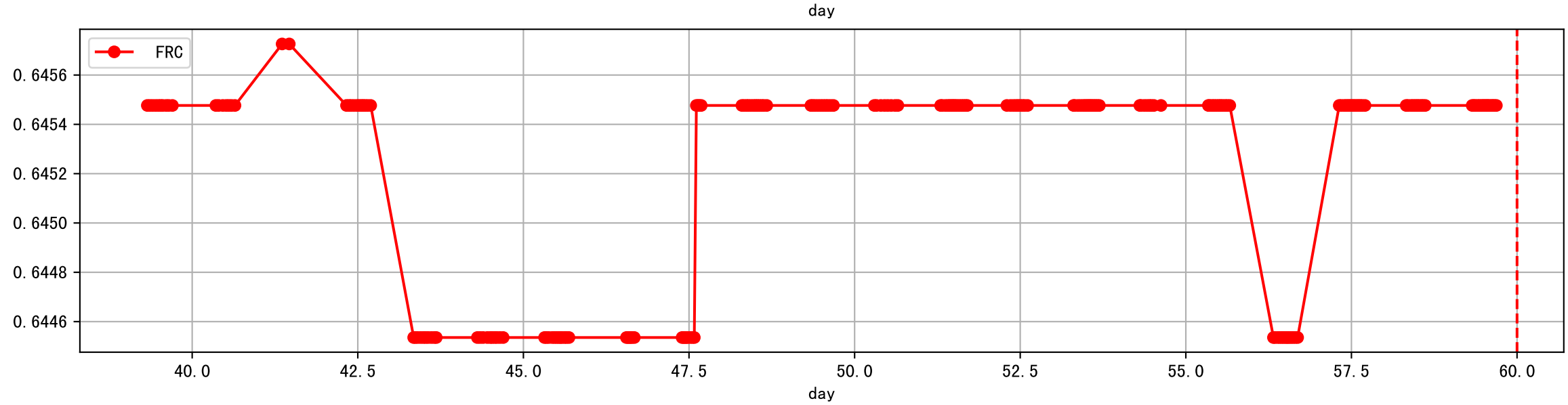

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

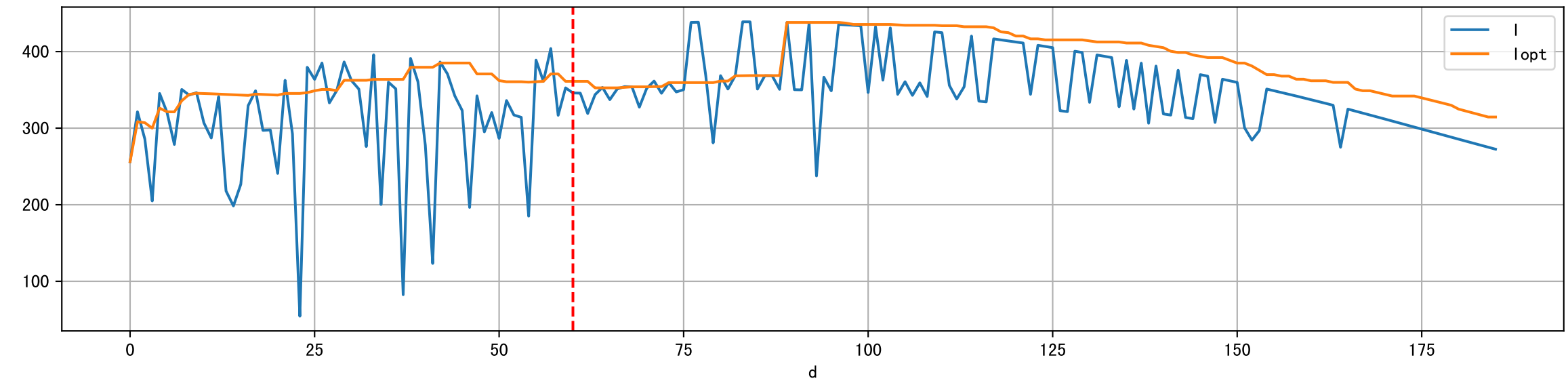


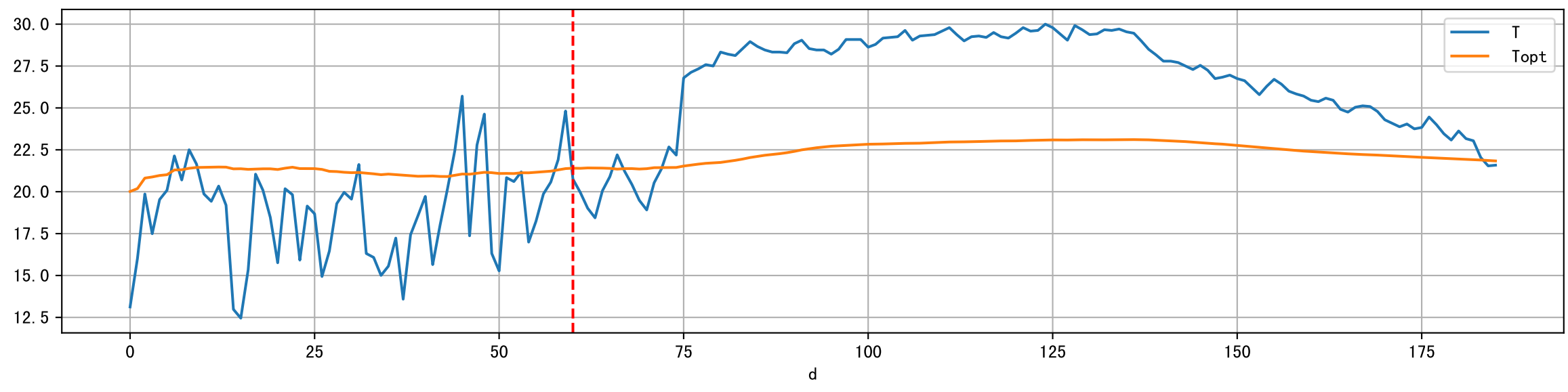


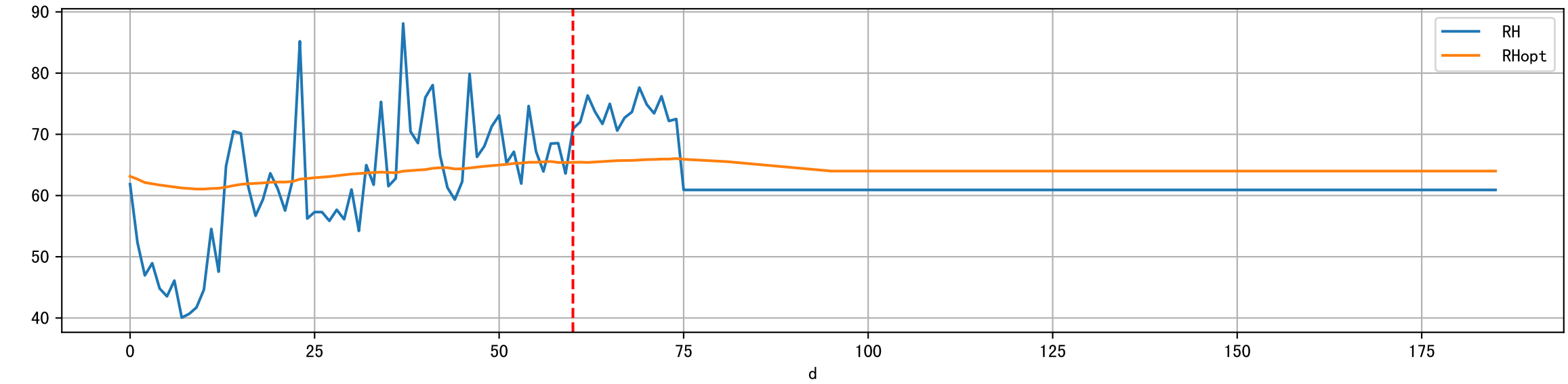


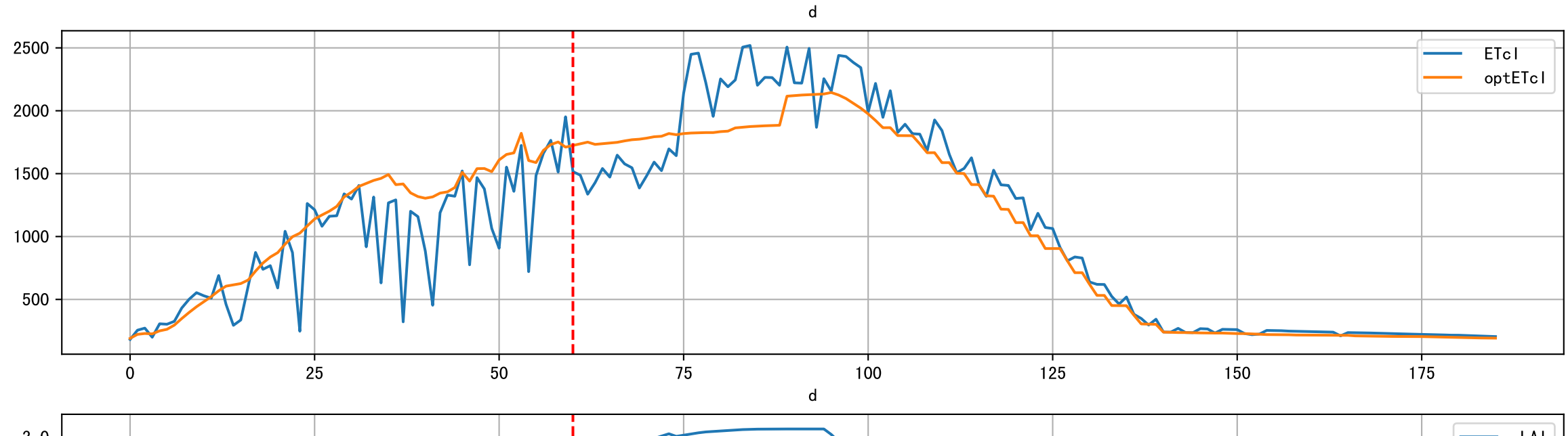


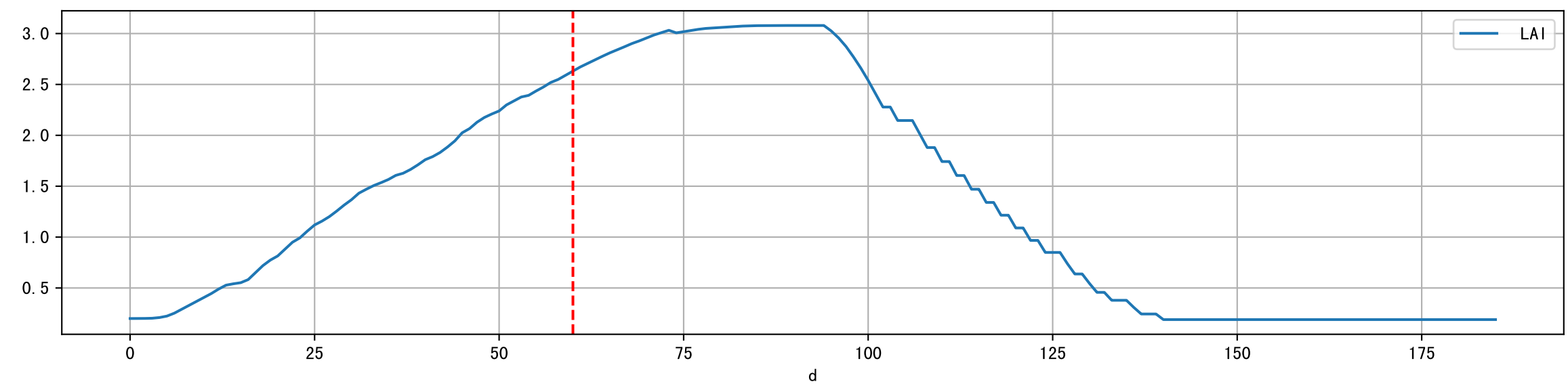
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

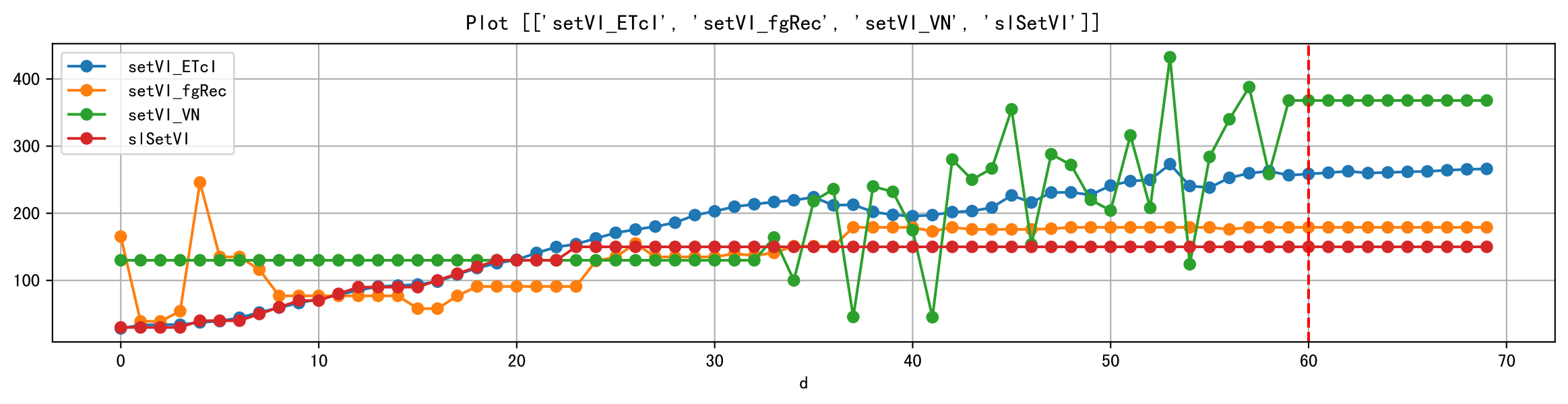


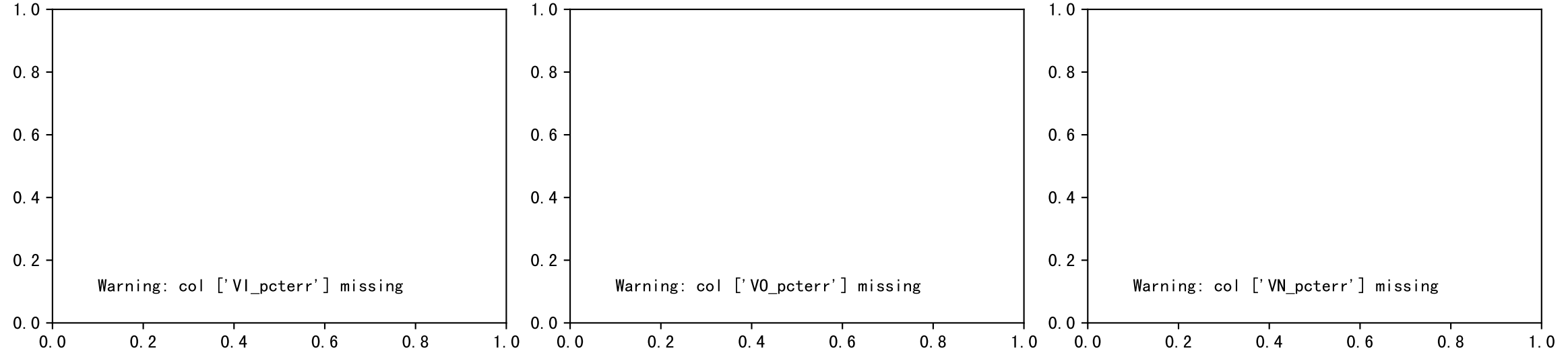


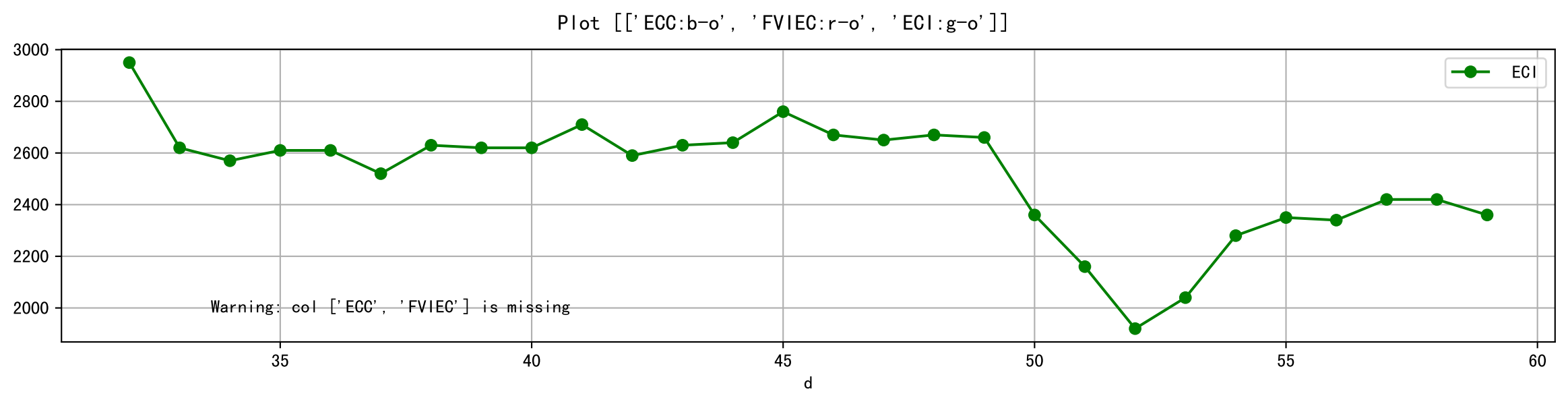


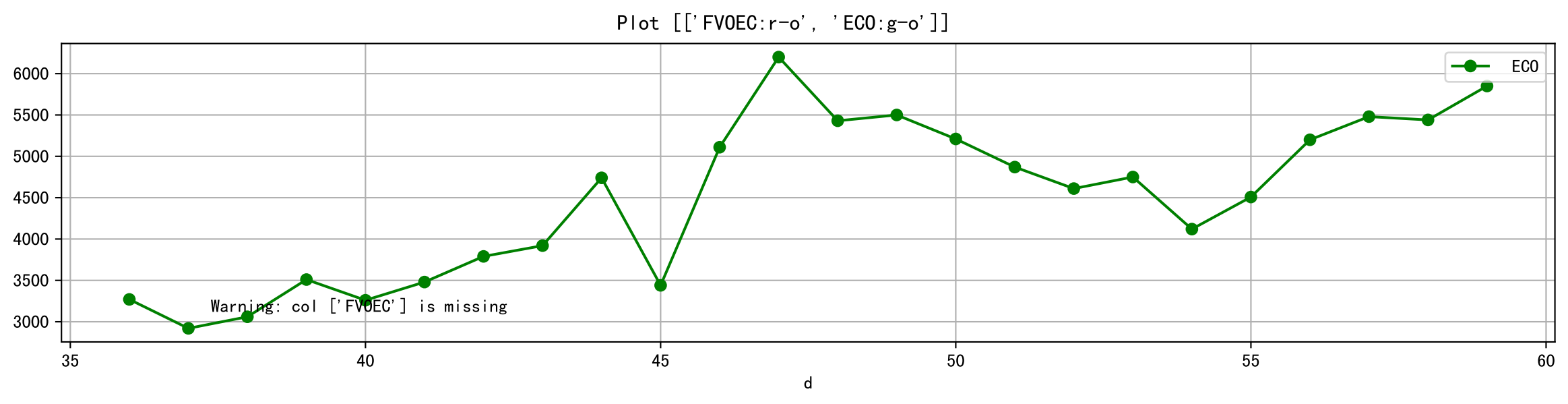


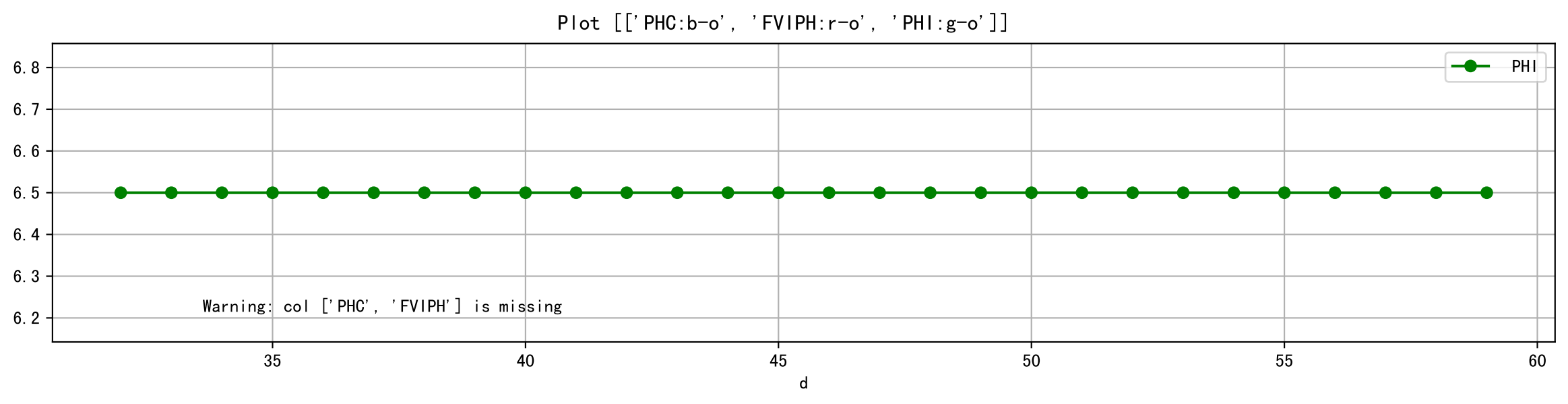


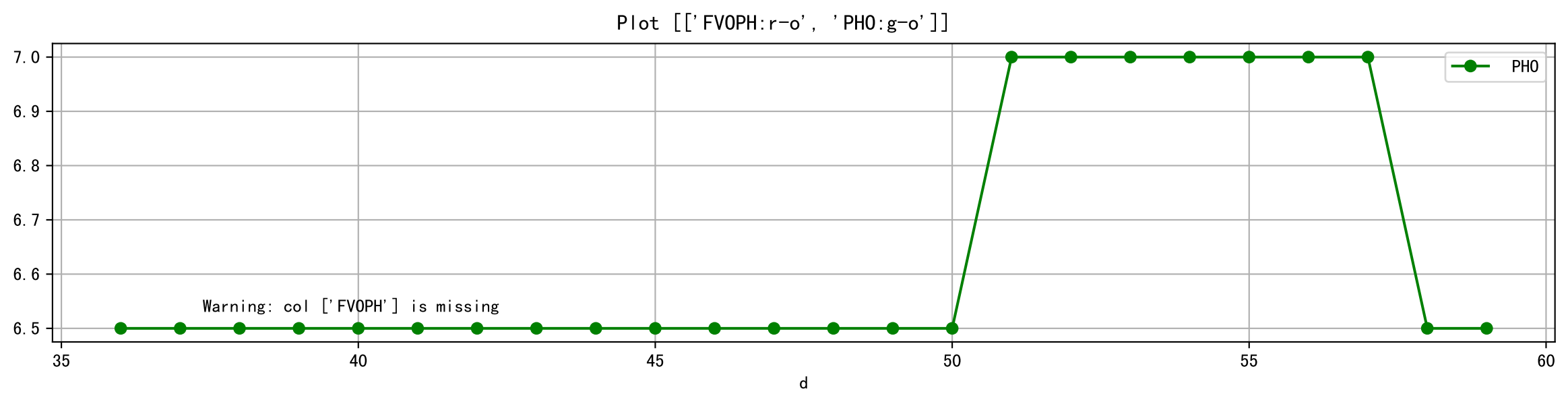

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
400
300
200
100
0
10
20
30
40
50
60
70
d

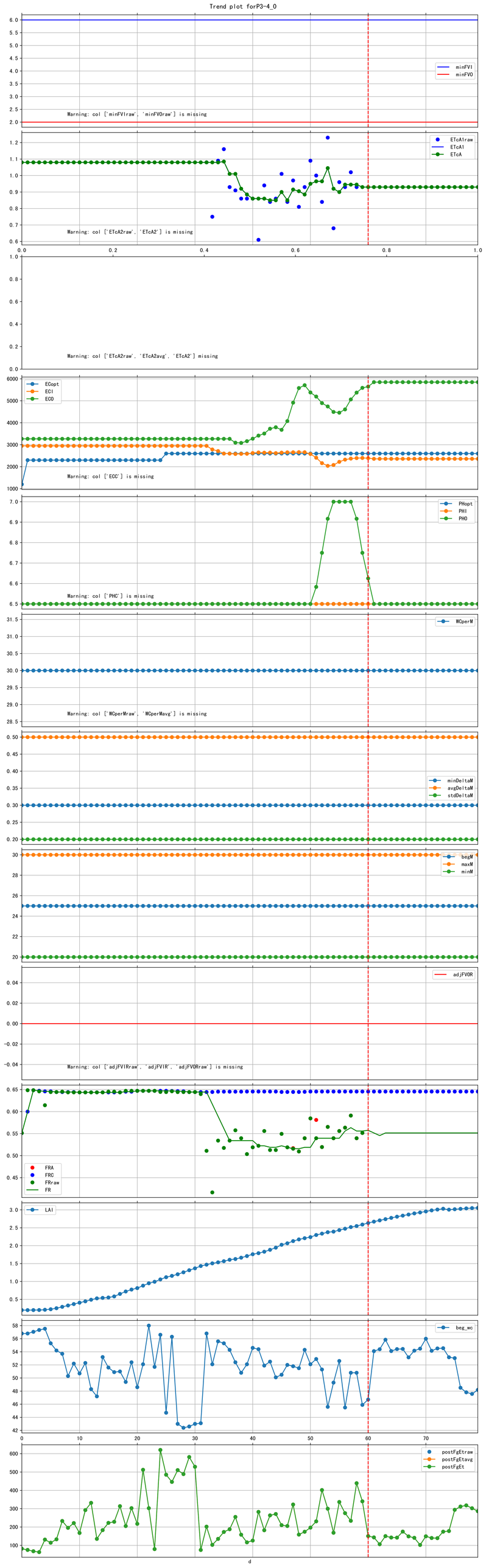

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

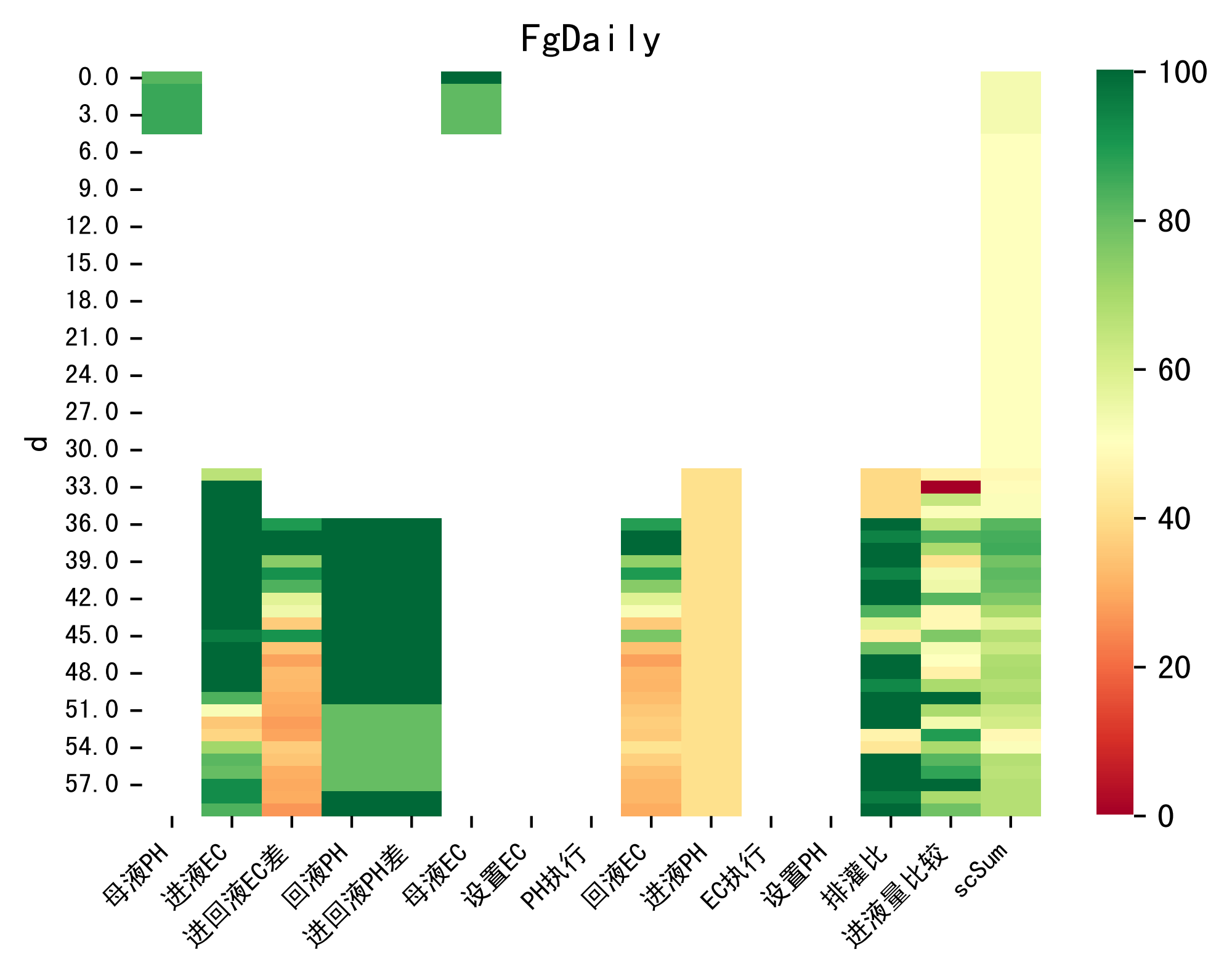

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
3000
2800
2600
2400
2200
2000
35
40
45
50
55
60
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
6000
5500
5000
4500
4000
3500
3000
35
40
45
50
55
60
d

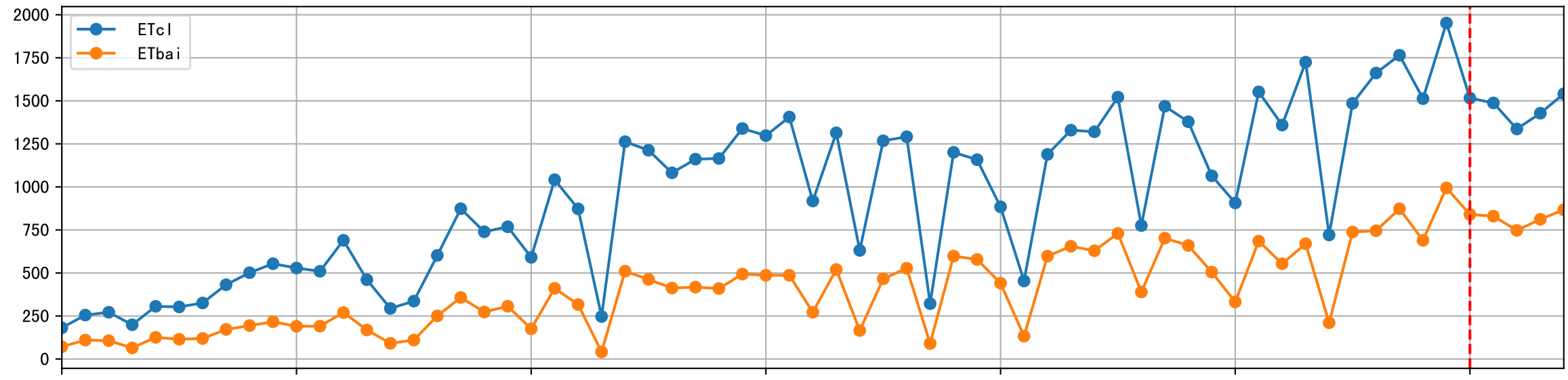

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
6.8
6.7
6.6
6.5
6.4
6.3
6.2
Warning: col ['PHC', 'FVIPH'] is missing
35
40
45
50
55
60
d

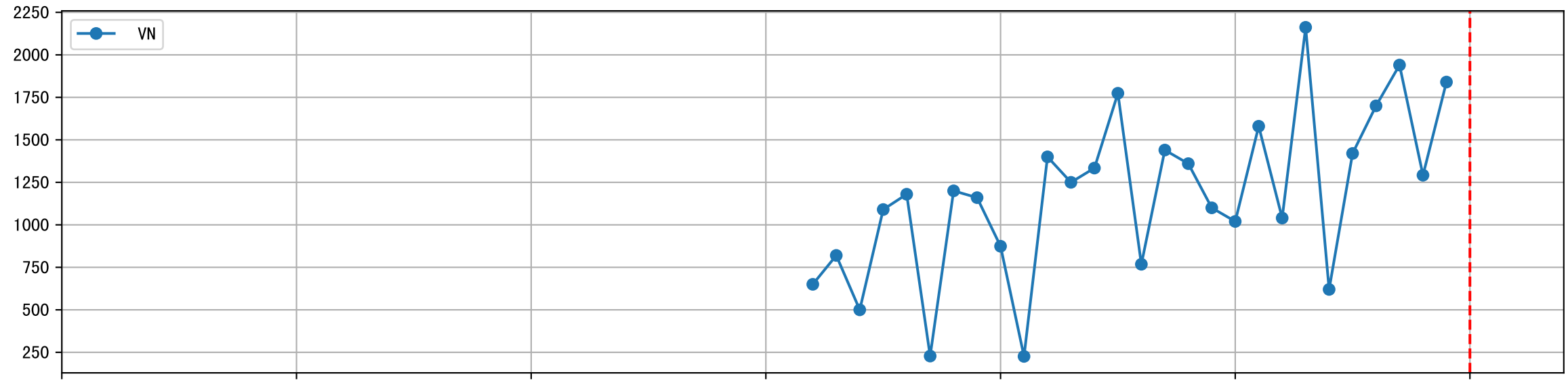

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
35
40
45
50
55
60
d

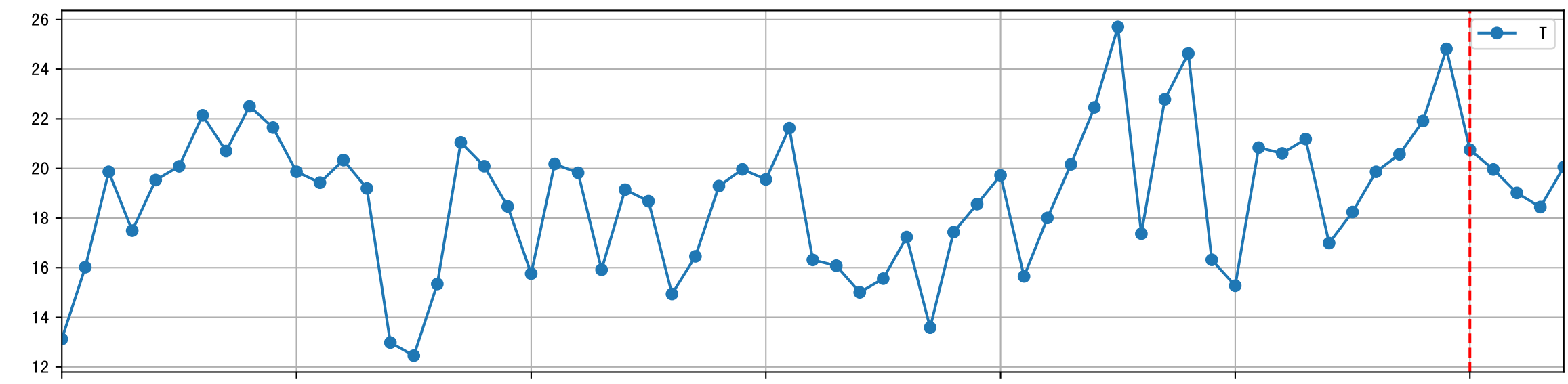

Trend plot forP3-4_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

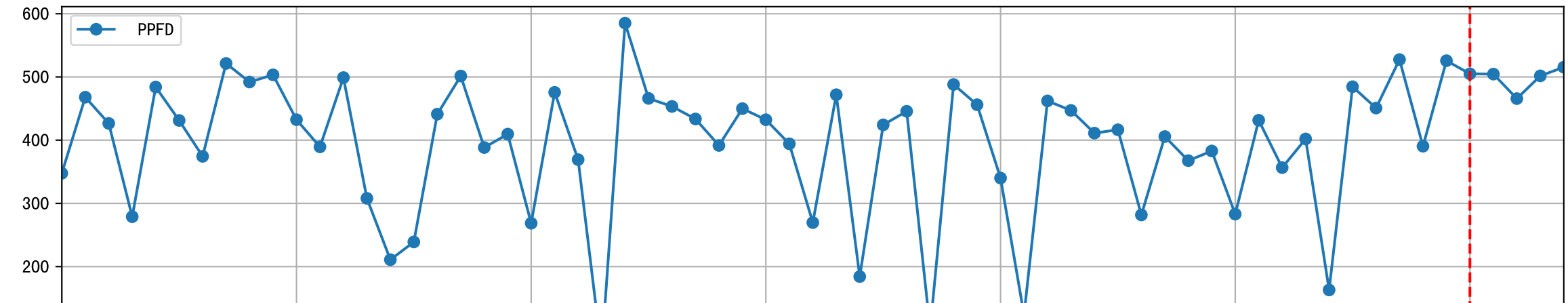

FgDaily
d
0.0
3.0
6.0
9.0
12.0
15.0
18.0
21.0
24.0
27.0
30.0
33.0
36.0
39.0
42.0
45.0
48.0
51.0
54.0
57.0
100
80
60
40
20
0
母液PH
进液EC
进回液EC差
回液PH
进回液PH差
母液EC
设置EC
PH执行
回液EC
进液PH
EC执行
设置PH
排灌比
进液量比较
scSum

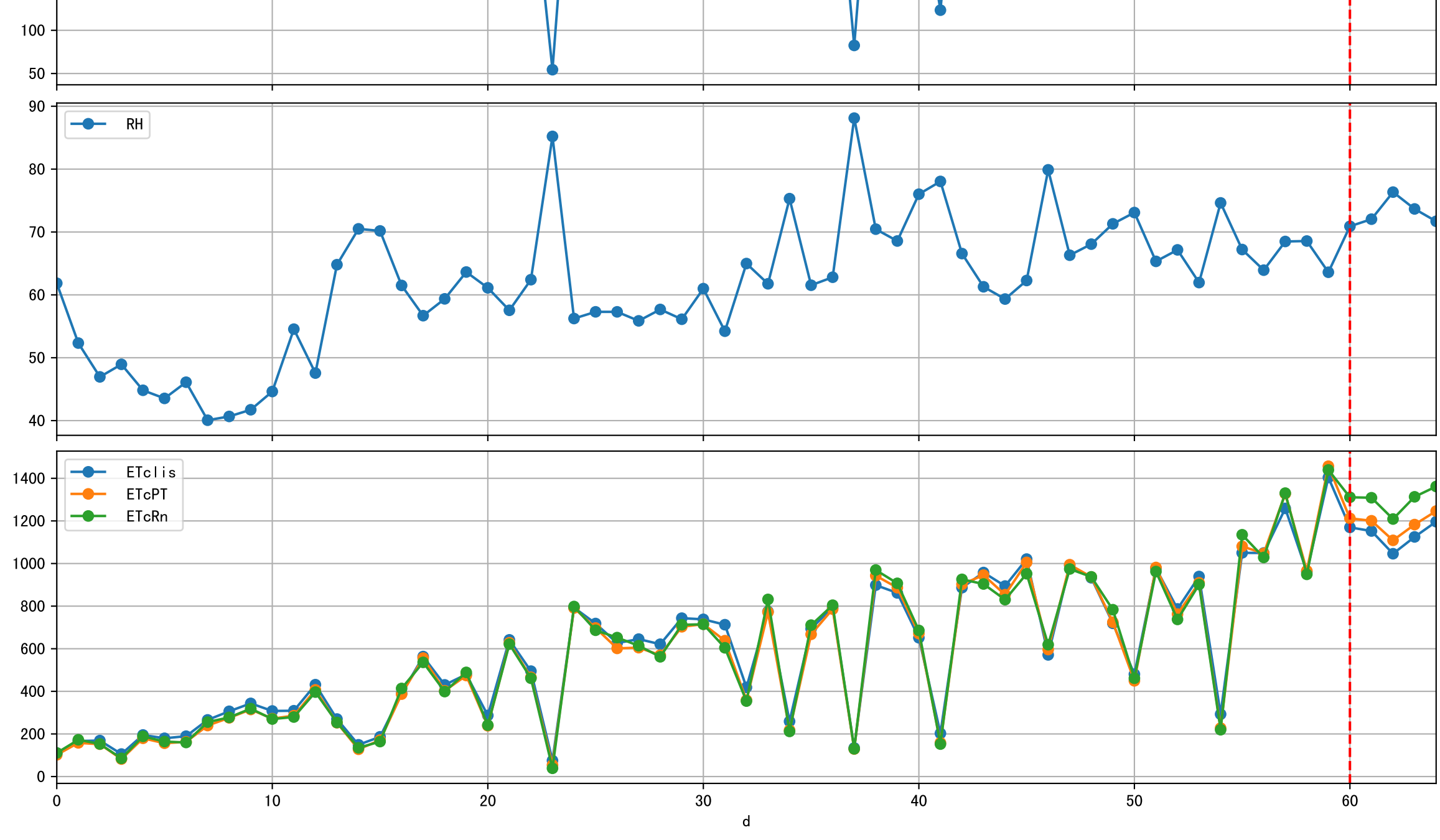
P3-4_0

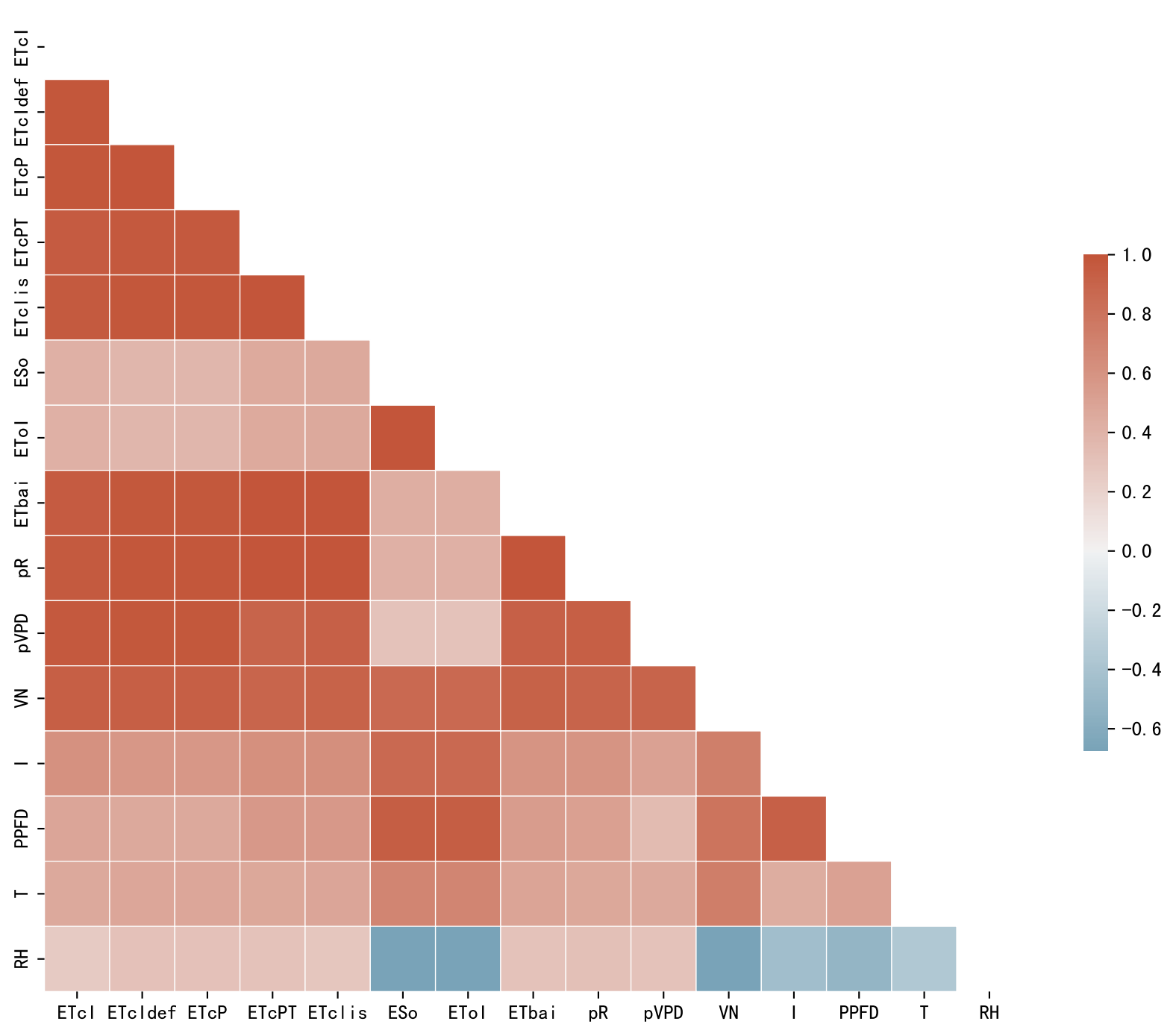


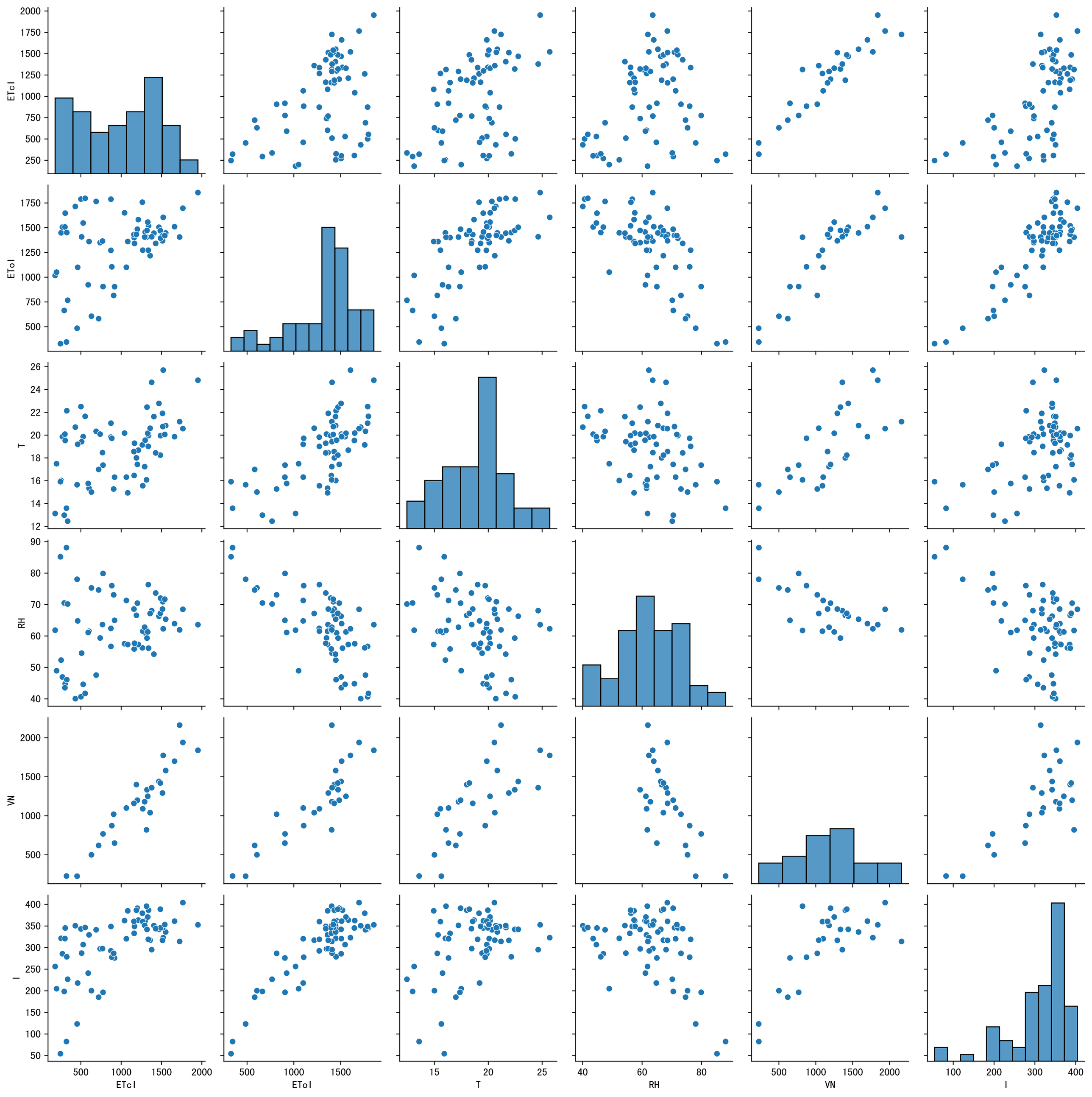


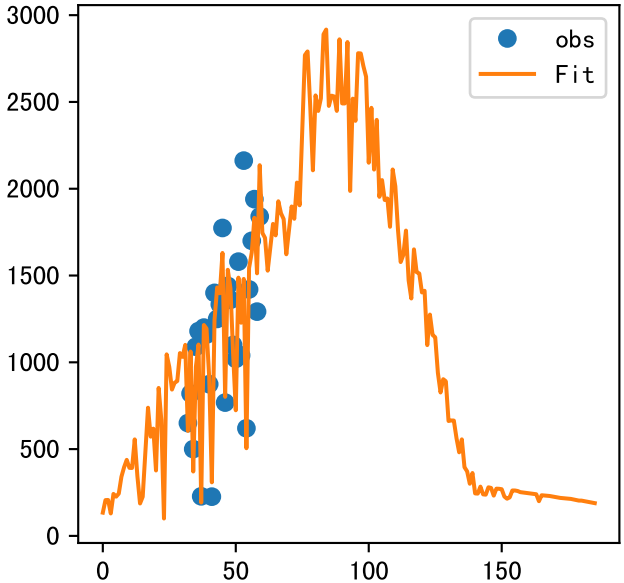


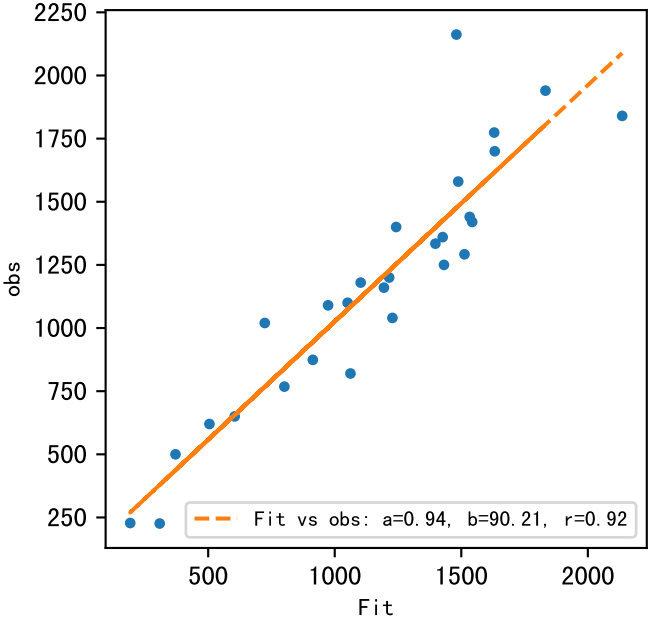




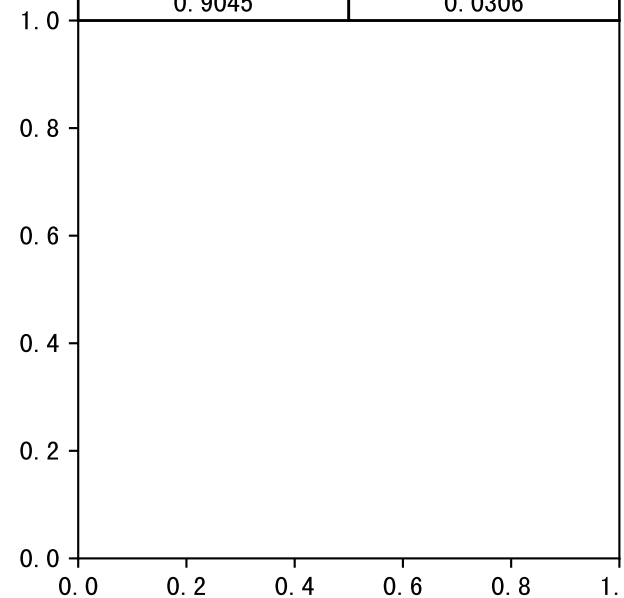

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

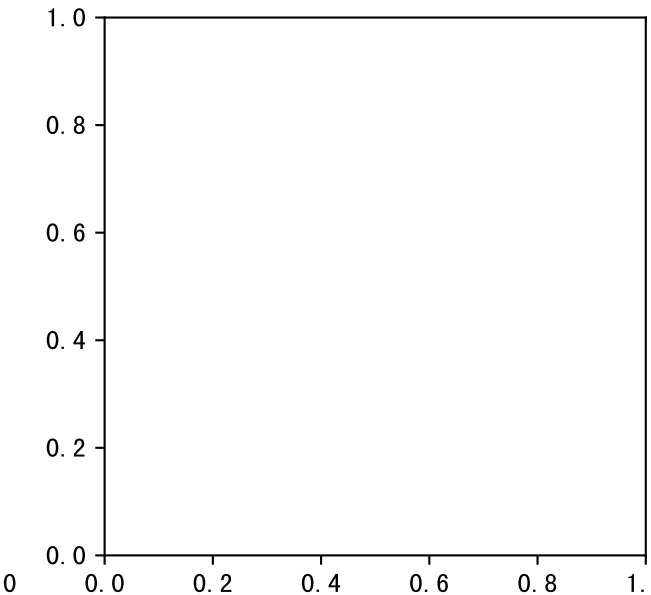

ETcI
ETsI
T
RH
VN
I
ETcI
ETsI
T
RH
VN
I

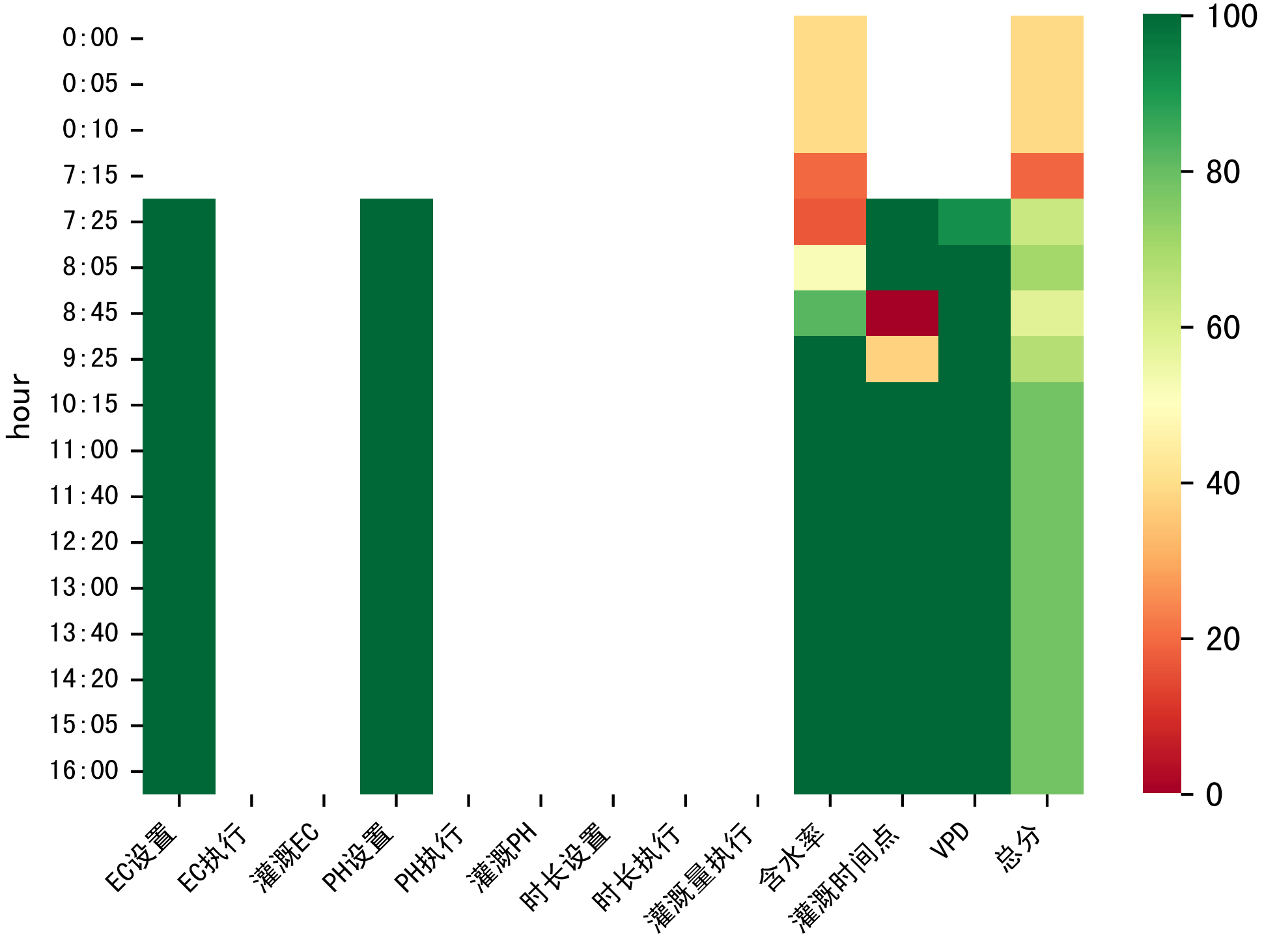




baiA	baiB
0.9045	0.0306



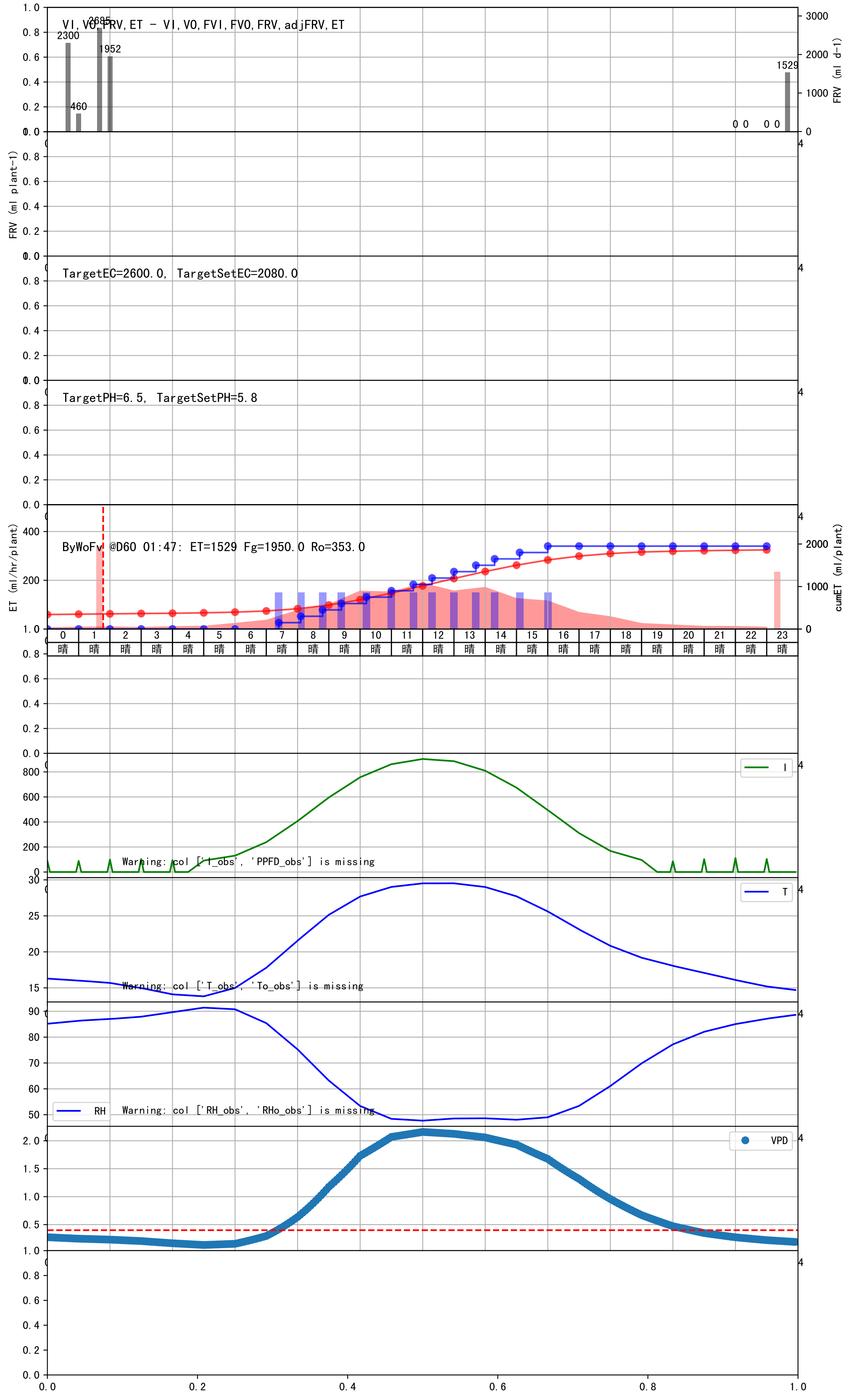


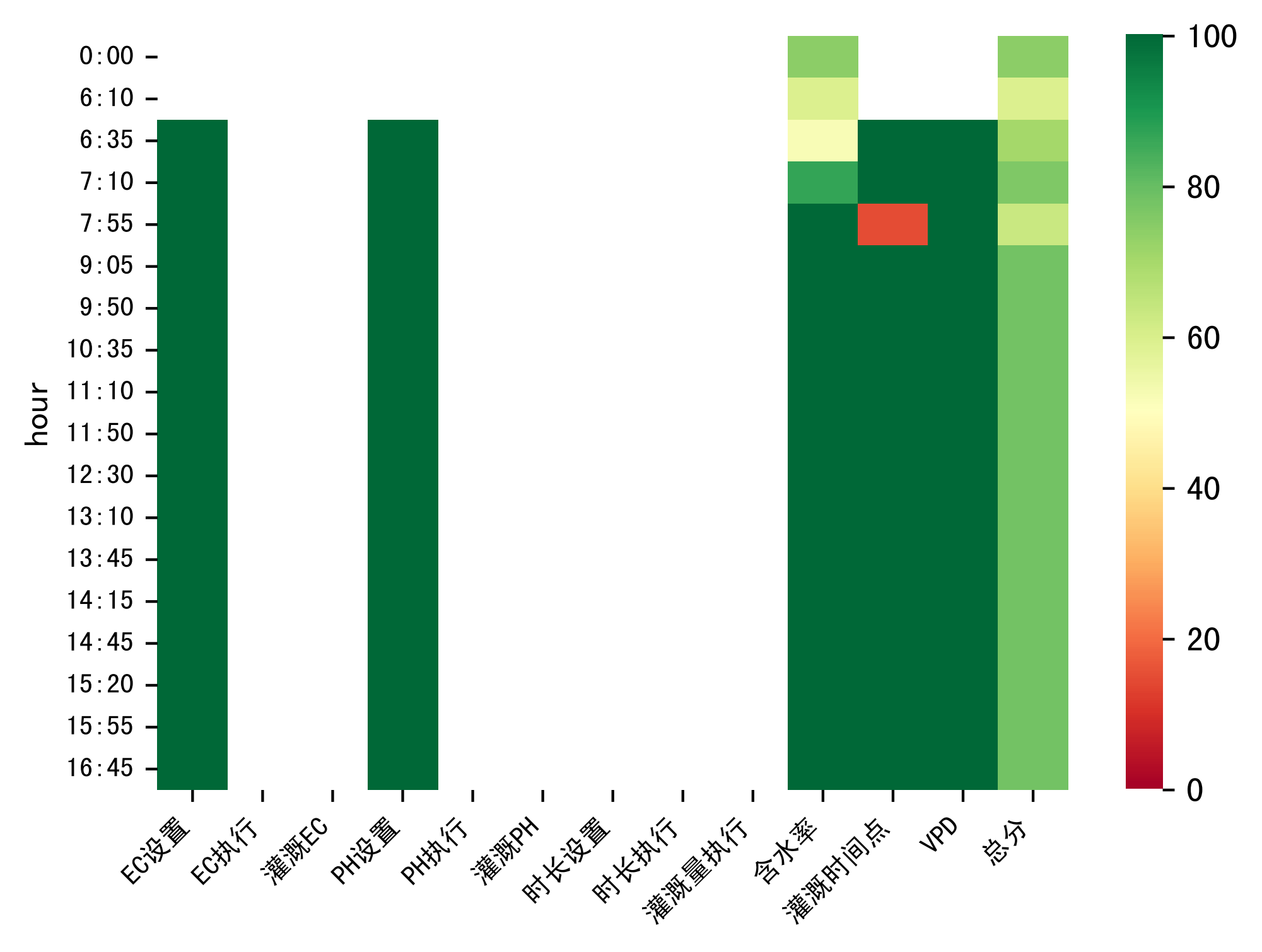

hour
0:00
0:05
0:10
7:15
7:25
8:05
8:45
9:25
10:15
11:00
11:40
12:20
13:00
13:40
14:20
15:05
16:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:25	268	150.0	晴	预期@07:25 未知程序（未用传感器）
08:05	268	150.0	晴	预期@08:05 未知程序（未用传感器）
08:45	268	150.0	晴	预期@08:45 未知程序（未用传感器）
09:25	268	150.0	晴	预期@09:25 未知程序（未用传感器）
10:15	268	150.0	晴	预期@10:15 未知程序（未用传感器）
11:00	268	150.0	晴	预期@11:00 未知程序（未用传感器）
11:40	268	150.0	晴	预期@11:40 未知程序（未用传感器）
12:20	268	150.0	晴	预期@12:20 未知程序（未用传感器）
13:00	268	150.0	晴	预期@13:00 未知程序（未用传感器）
13:40	268	150.0	晴	预期@13:40 未知程序（未用传感器）
14:20	268	150.0	晴	预期@14:20 未知程序（未用传感器）
15:05	268	150.0	晴	预期@15:05 未知程序（未用传感器）
16:00	268	150.0	晴	预期@16:00 未知程序（未用传感器）
总计	3484.0 (13次)	1950.0		建议进液EC：2080.0， PH：5.8

回液EC 5590.0 太高，建议用低EC肥液冲洗基质
进回液EC差(2400.0 vs 5590.0)过高

P3-4_0, Day=60 (2025-05-28)

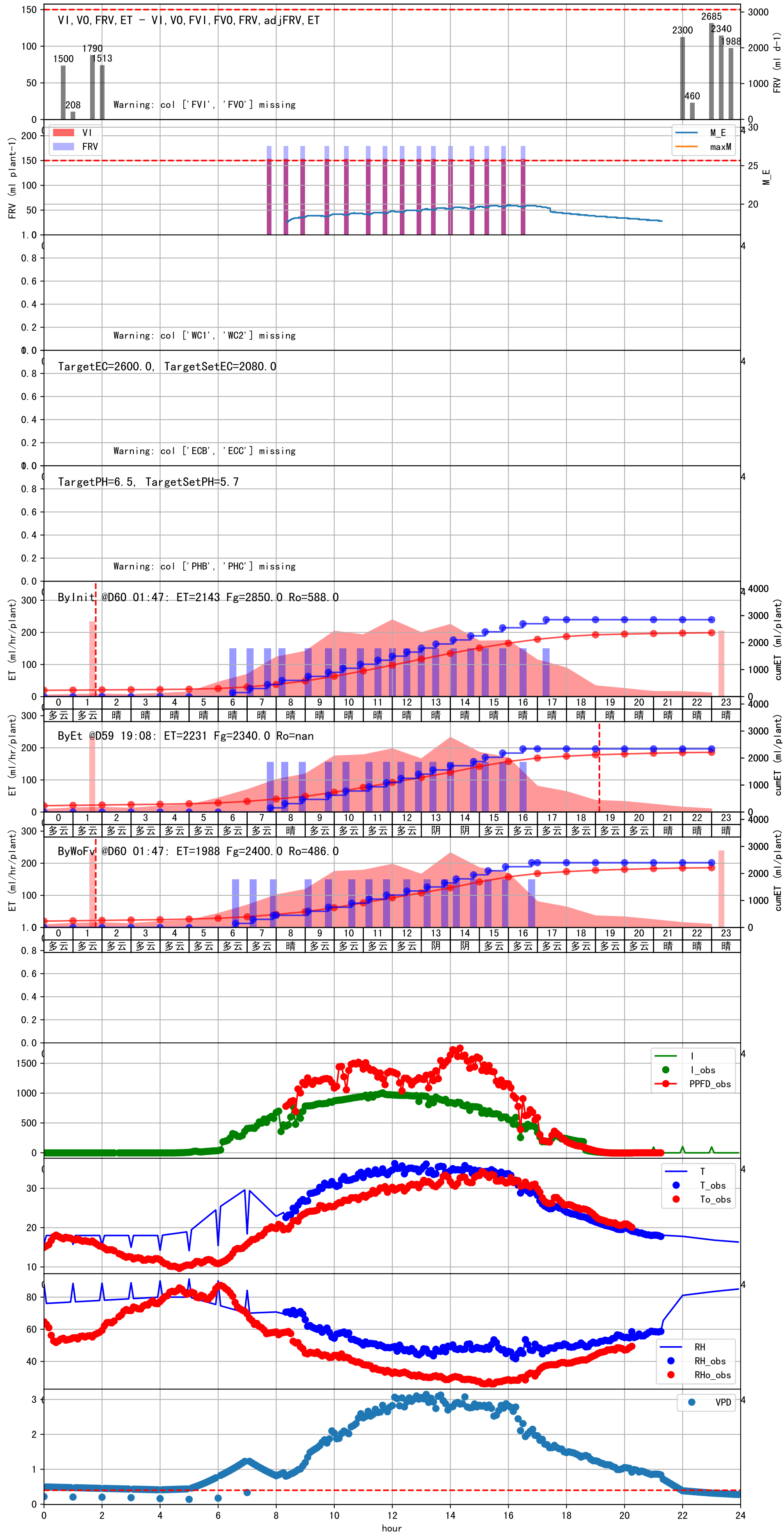


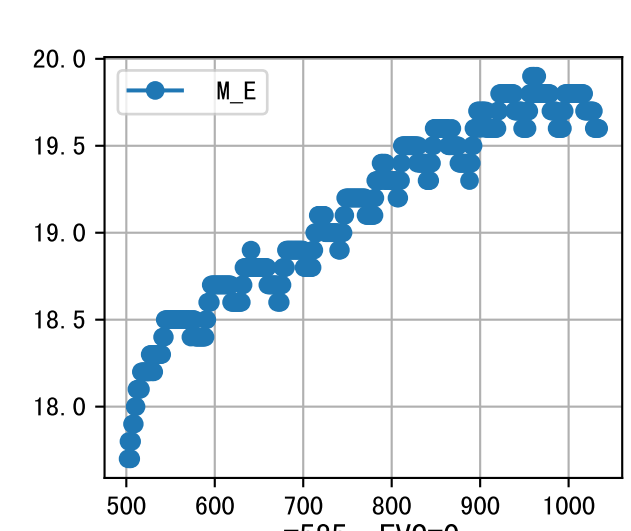

hour
0:00
6:10
6:35
7:10
7:55
9:05
9:50
10:35
11:10
11:50
12:30
13:10
13:45
14:15
14:45
15:20
15:55
16:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

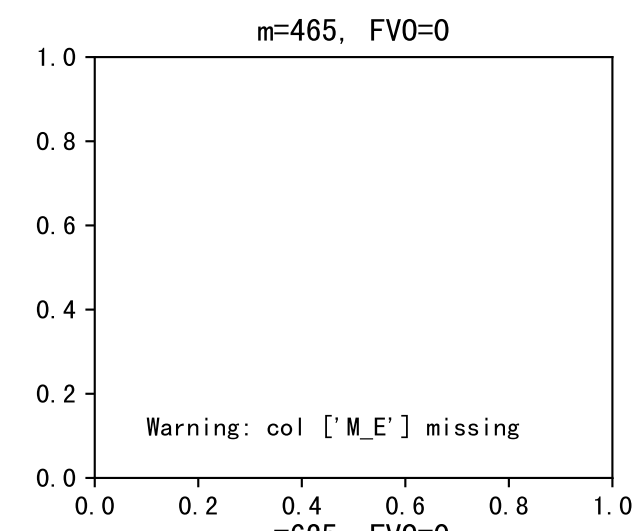
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:35	278	150.0	多云	假设@06:35 自动（未用传感器）
07:10	278	150.0	多云	假设@07:10 自动（未用传感器）
07:55	278	150.0	多云	假设@07:55 自动（未用传感器）
09:05	278	150.0	多云	假设@09:05 自动（未用传感器）
09:50	278	150.0	多云	假设@09:50 自动（未用传感器）
10:35	278	150.0	多云	假设@10:35 自动（未用传感器）
11:10	278	150.0	多云	假设@11:10 自动（未用传感器）
11:50	278	150.0	多云	假设@11:50 自动（未用传感器）
12:30	278	150.0	多云	假设@12:30 自动（未用传感器）
13:10	278	150.0	阴	假设@13:10 自动（未用传感器）
13:45	278	150.0	阴	假设@13:45 自动（未用传感器）
14:15	278	150.0	阴	假设@14:15 自动（未用传感器）
14:45	278	150.0	阴	假设@14:45 自动（未用传感器）
15:20	278	150.0	多云	假设@15:20 自动（未用传感器）
15:55	278	150.0	多云	假设@15:55 自动（未用传感器）
16:45	278	150.0	多云	假设@16:45 自动（未用传感器）
总计	4448.0 (16次)	2400.0		建议进液EC：2080.0， PH：5.7

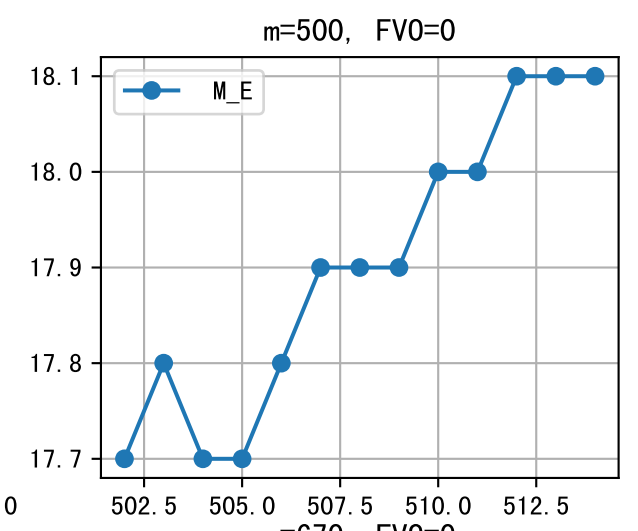
回液EC 5373.0 太高，建议用低EC肥液冲洗基质
进回液EC差(2393.0 vs 5373.0)过高

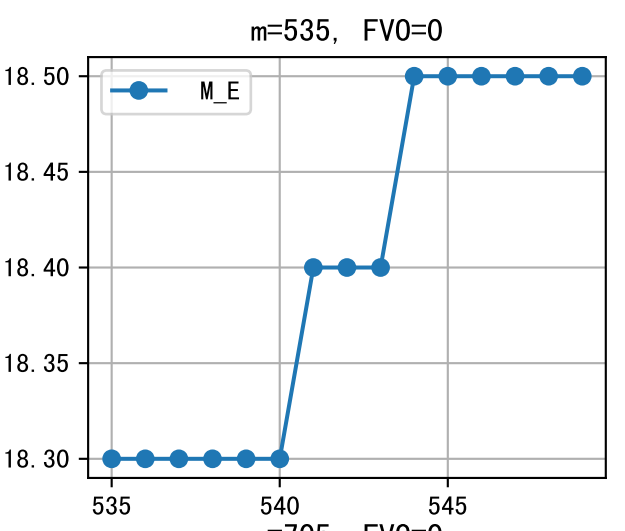
P3-4_0, Day=59 (2025-05-27)

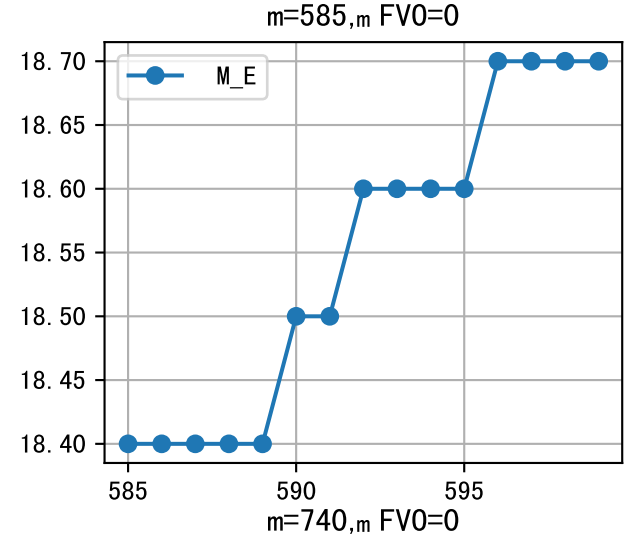


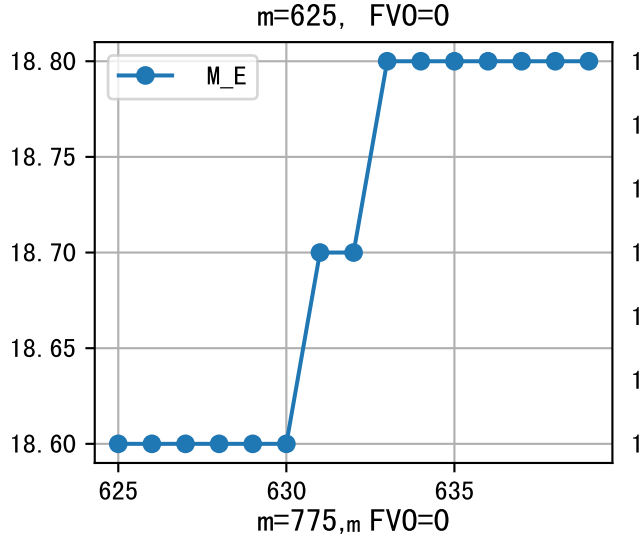

M_E
20.0
19.5
19.0
18.5
18.0
500
600
700
800
900
1000

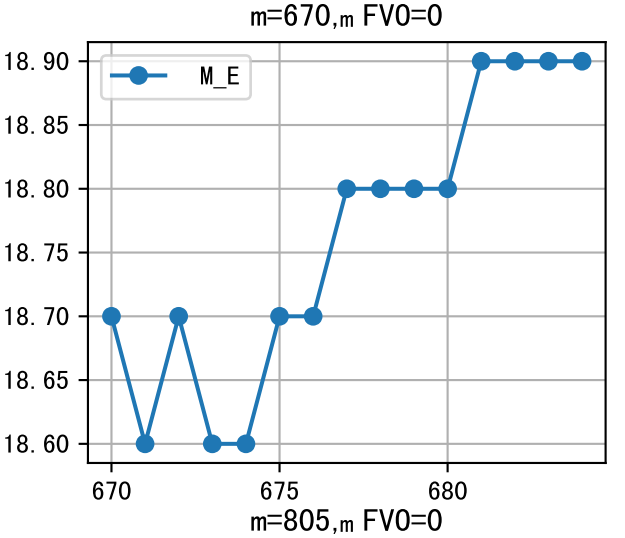

m=465, FV0=0
Warning: col ['M_E'] missing
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

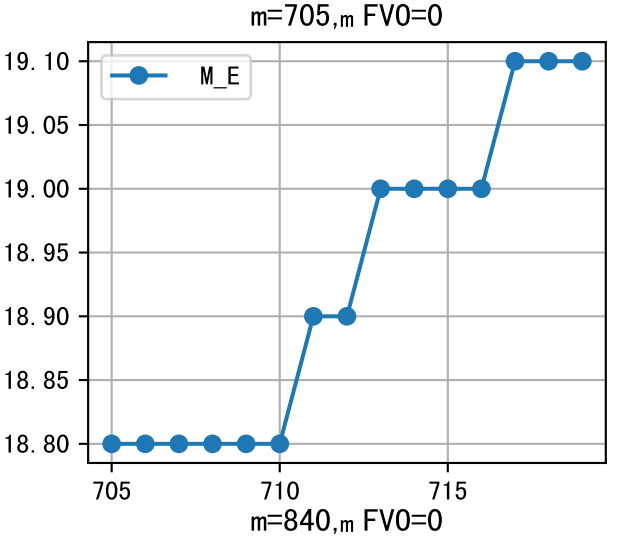

m=500, FV0=0
M_E
18.1
18.0
17.9
17.8
17.7
502.5
505.0
507.5
510.0
512.5

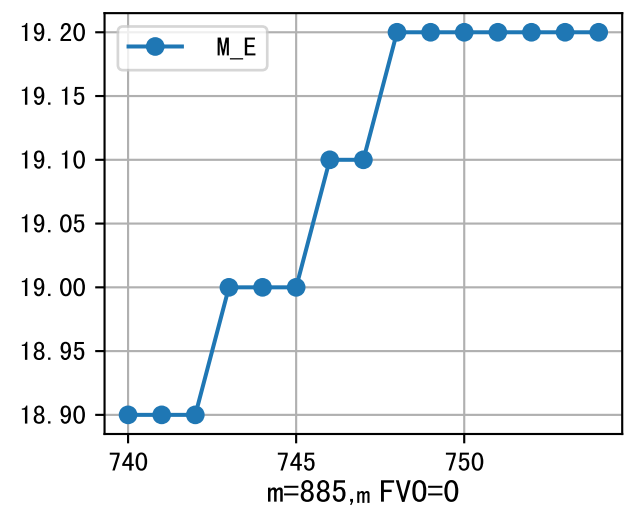

m=535, FV0=0
M_E
18.50
18.45
18.40
18.35
18.30
535
540
545

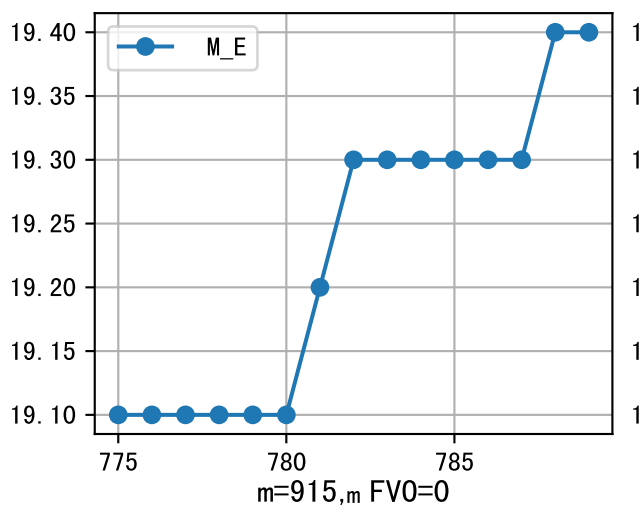

m=585,m FV0=0
M_E
18.70
18.65
18.60
18.55
18.50
18.45
18.40
585
590
595

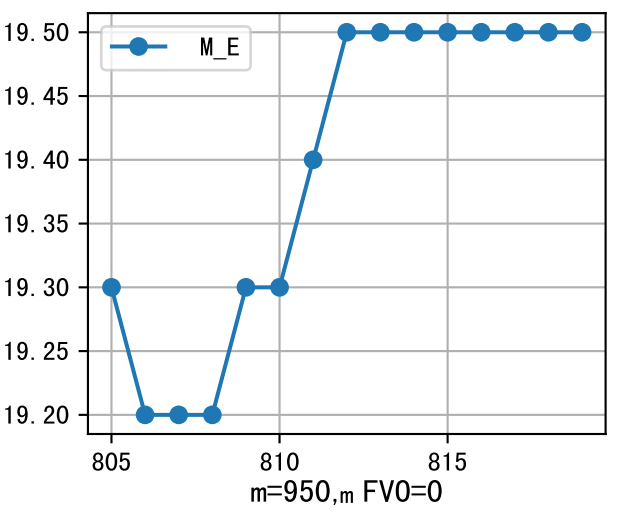

m=625, FV0=0
M_E
18.80
18.75
18.70
18.65
18.60
625
630
635

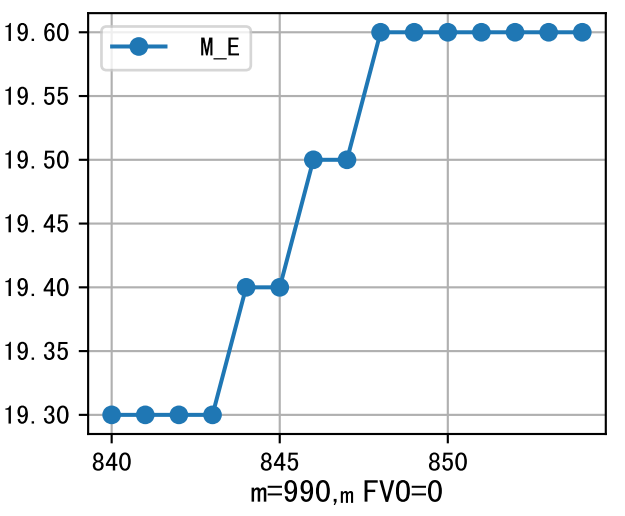

m=670,m FV0=0
M_E
18.90
18.85
18.80
18.75
18.70
18.65
18.60
670
675
680

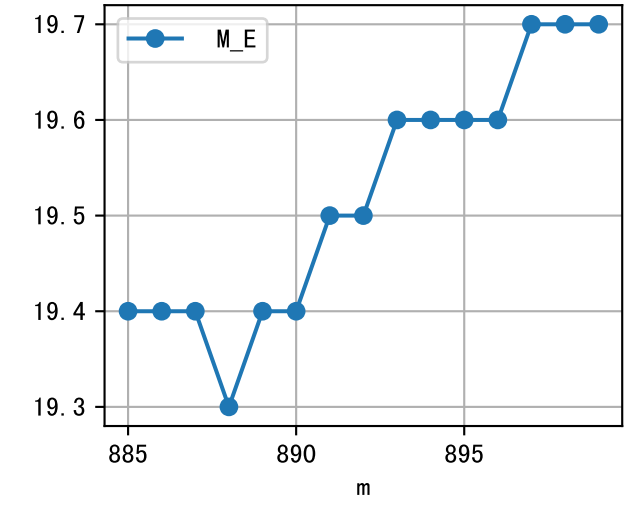

m=705,m FV0=0
M_E
19.10
19.05
19.00
18.95
18.90
18.85
18.80
705
710
715

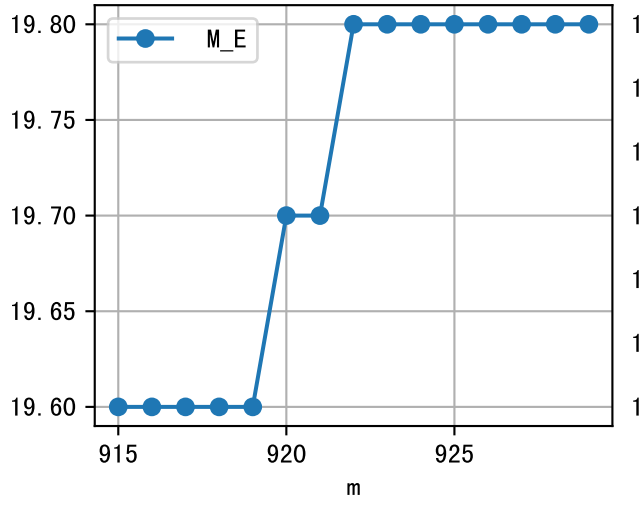

m=740,m FV0=0
M_E
19.20
19.15
19.10
19.05
19.00
18.95
18.90
740
745
750

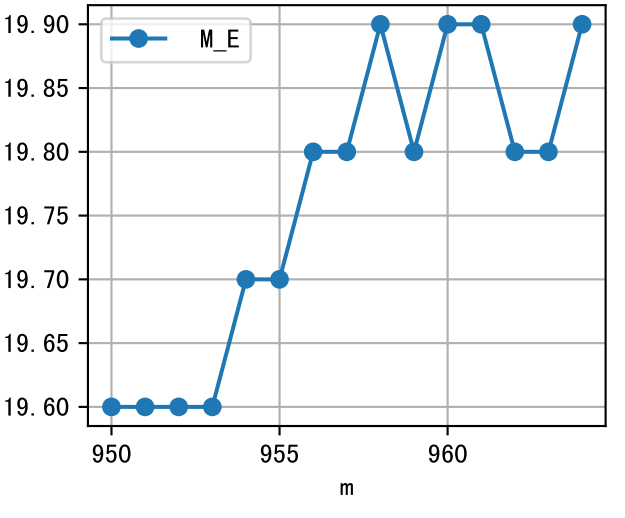

m=775,m FV0=0
M_E
19.40
19.35
19.30
19.25
19.20
19.15
19.10
775
780
785

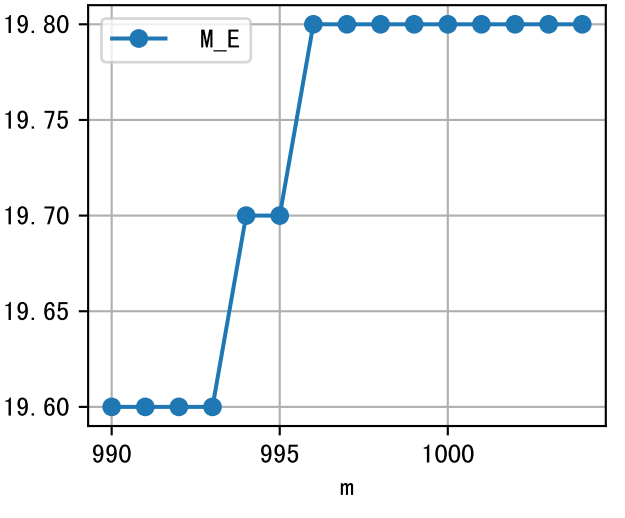

m=805,m FV0=0
M_E
19.50
19.45
19.40
19.35
19.30
19.25
19.20
805
810
815

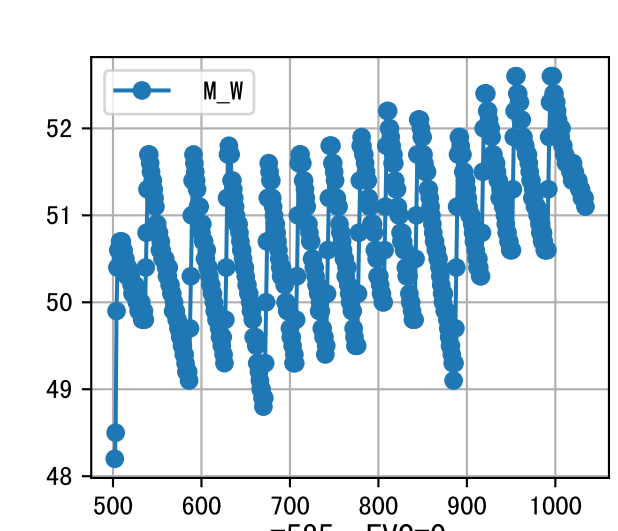

m=840,m FV0=0
M_E
19.60
19.55
19.50
19.45
19.40
19.35
19.30
840
845
850

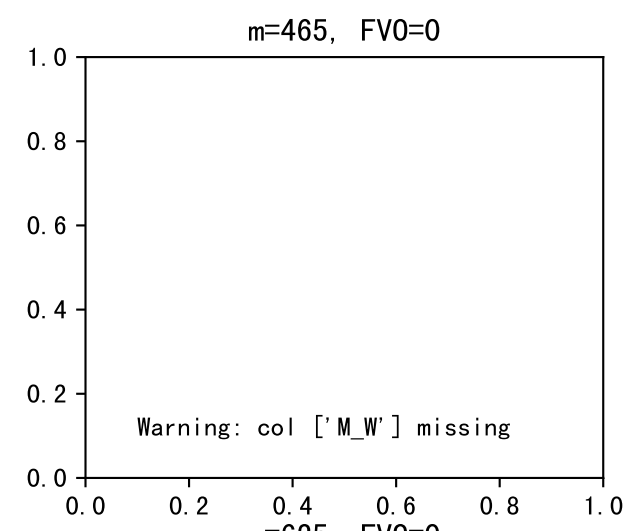

m=885,m FV0=0
M_E
19.7
19.6
19.5
19.4
19.3
885
890
895
m

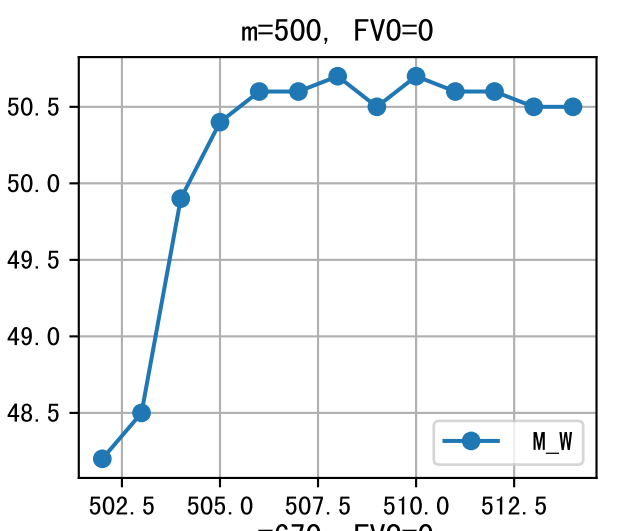

m=915,m FV0=0
M_E
19.80
19.75
19.70
19.65
19.60
915
920
925
m

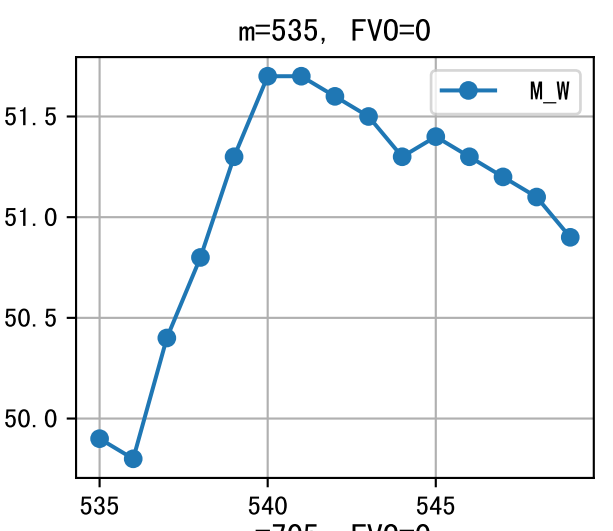

m=950,m FV0=0
M_E
19.90
19.85
19.80
19.75
19.70
19.65
19.60
950
955
960
m

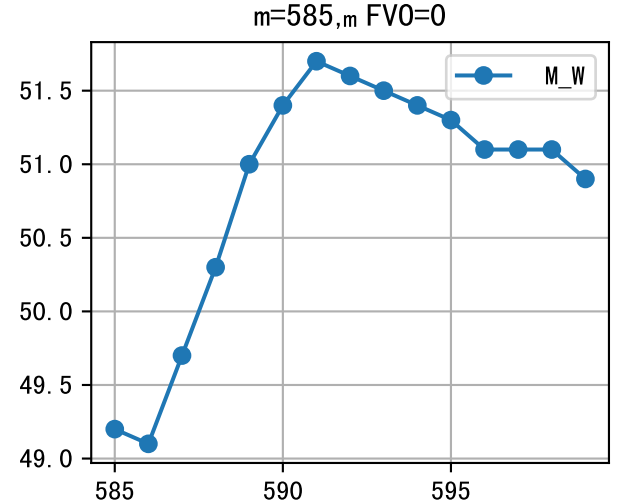

m=990,m FV0=0
M_E
19.80
19.75
19.70
19.65
19.60
990
995
1000
m

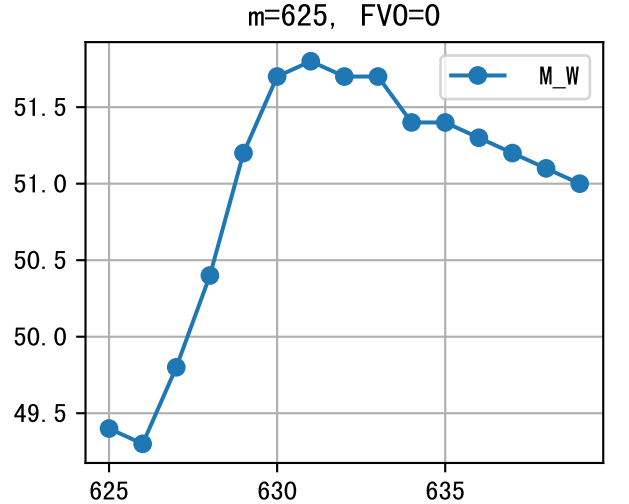

M_W

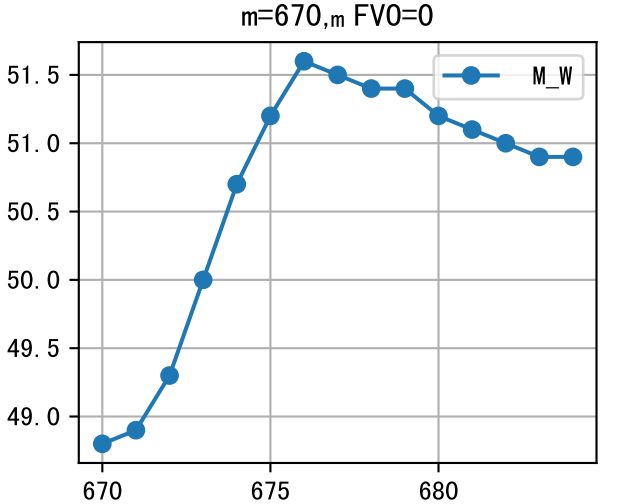

m=465, FV0=0
Warning: col ['M_W'] missing

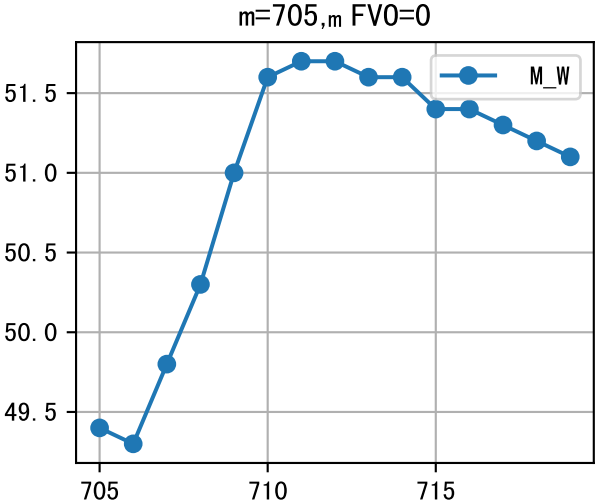

m=500, FV0=0
M_W

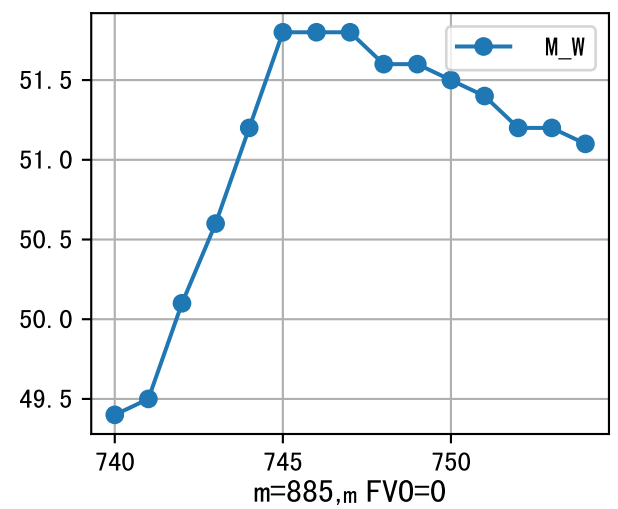

m=535, FV0=0
M_W

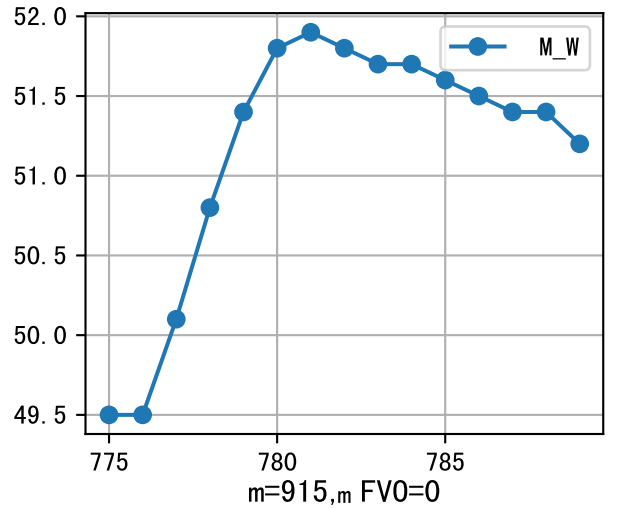

m=585,m FV0=0
M_W

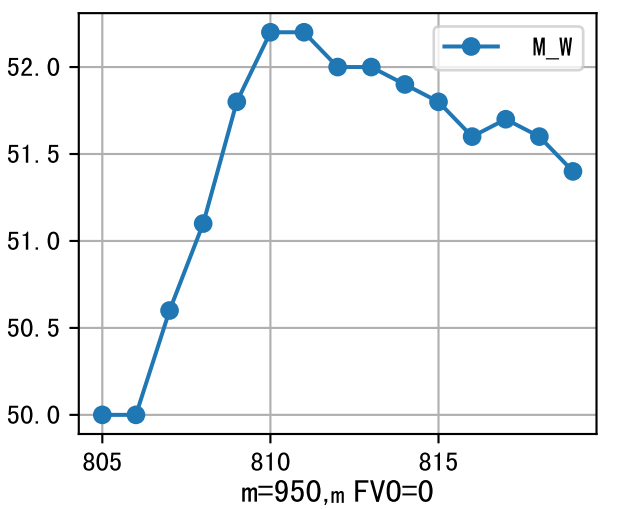

m=625, FV0=0
M_W

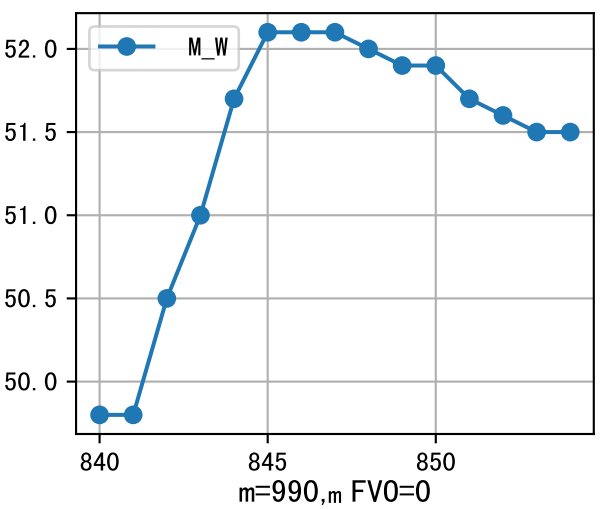

m=670,m FV0=0
M_W

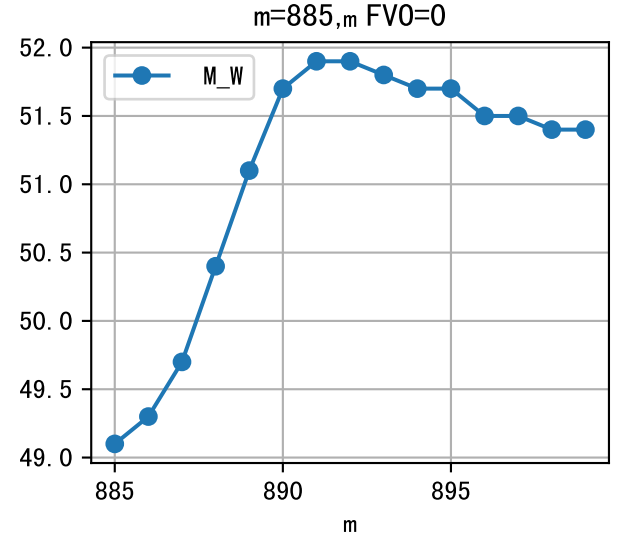

m=705,m FV0=0
M_W

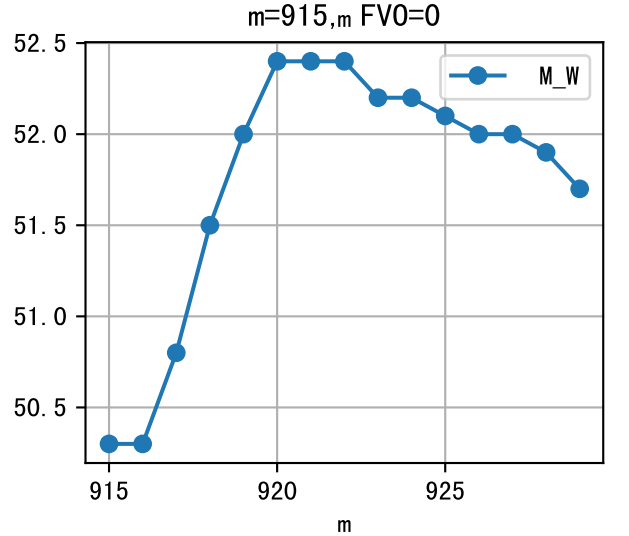

m=740,m FV0=0
M_W

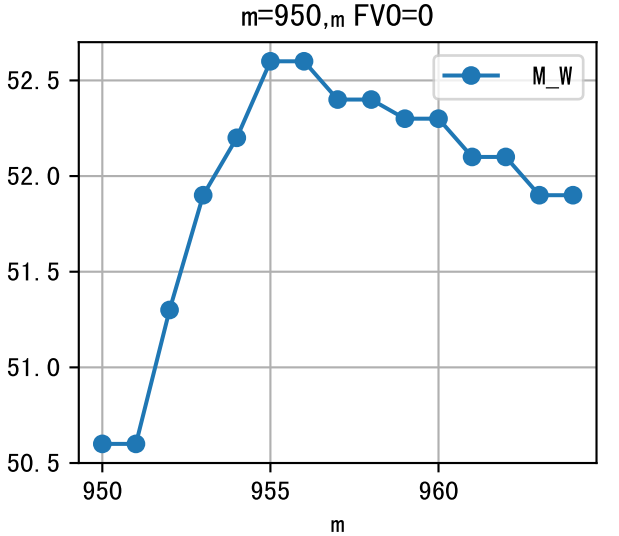

m=775,m FV0=0
M_W

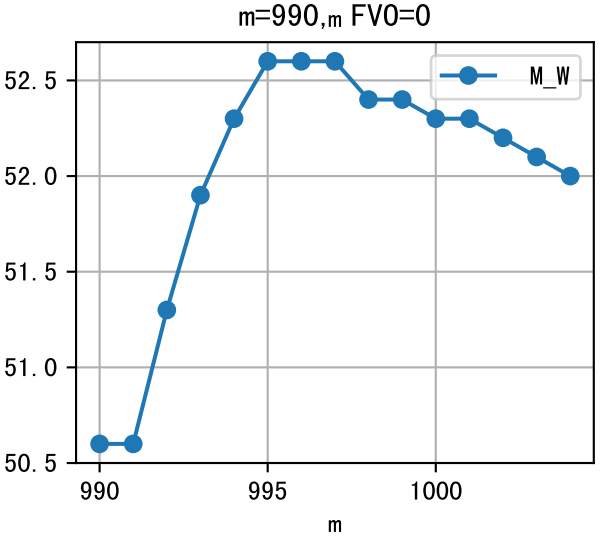

m=805,m FV0=0
M_W

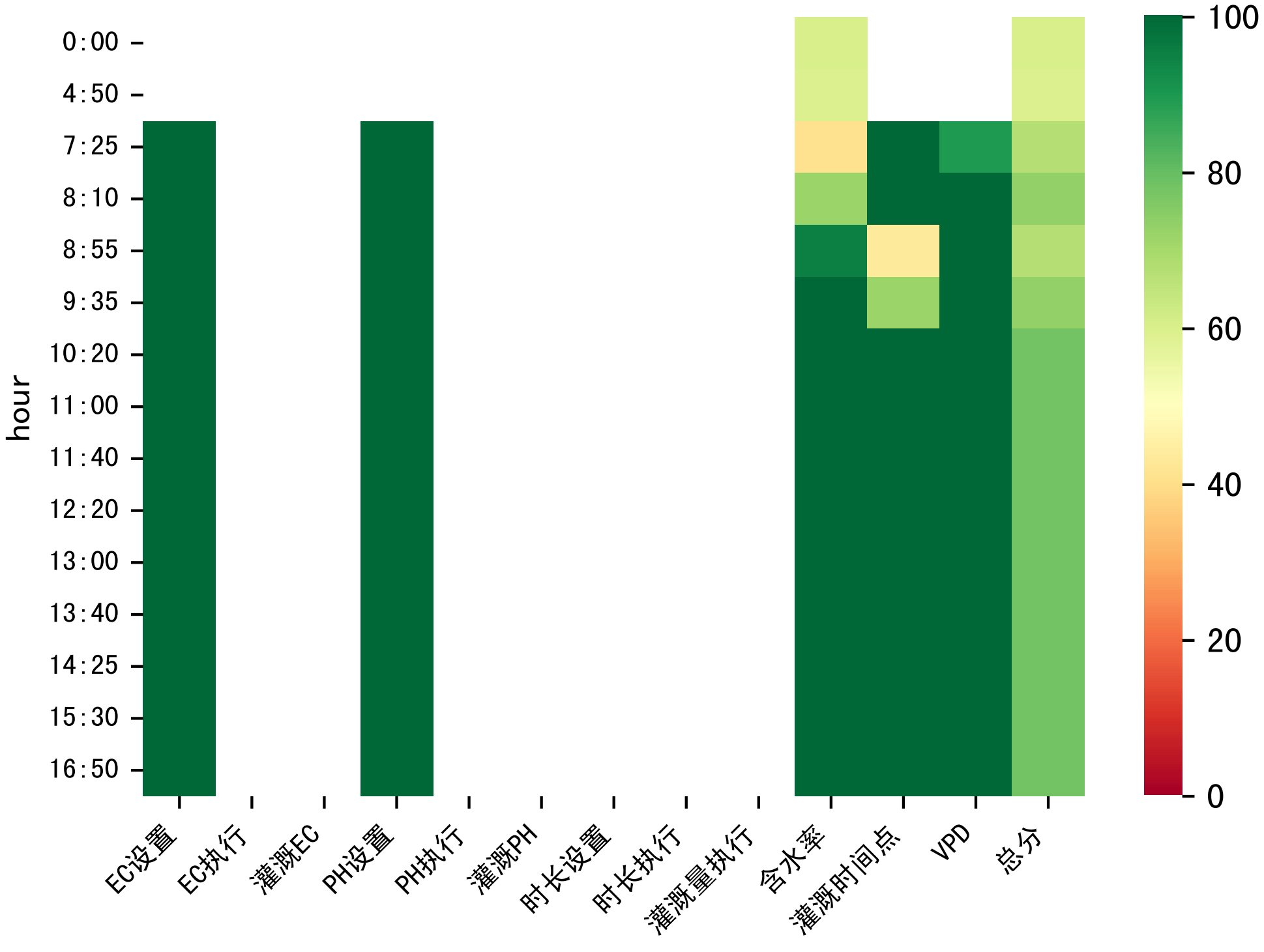

m=840,m FV0=0
M_W


m=885,m FV0=0
M_W
m


m=915,m FV0=0
M_W
m


m=950,m FV0=0
M_W
m

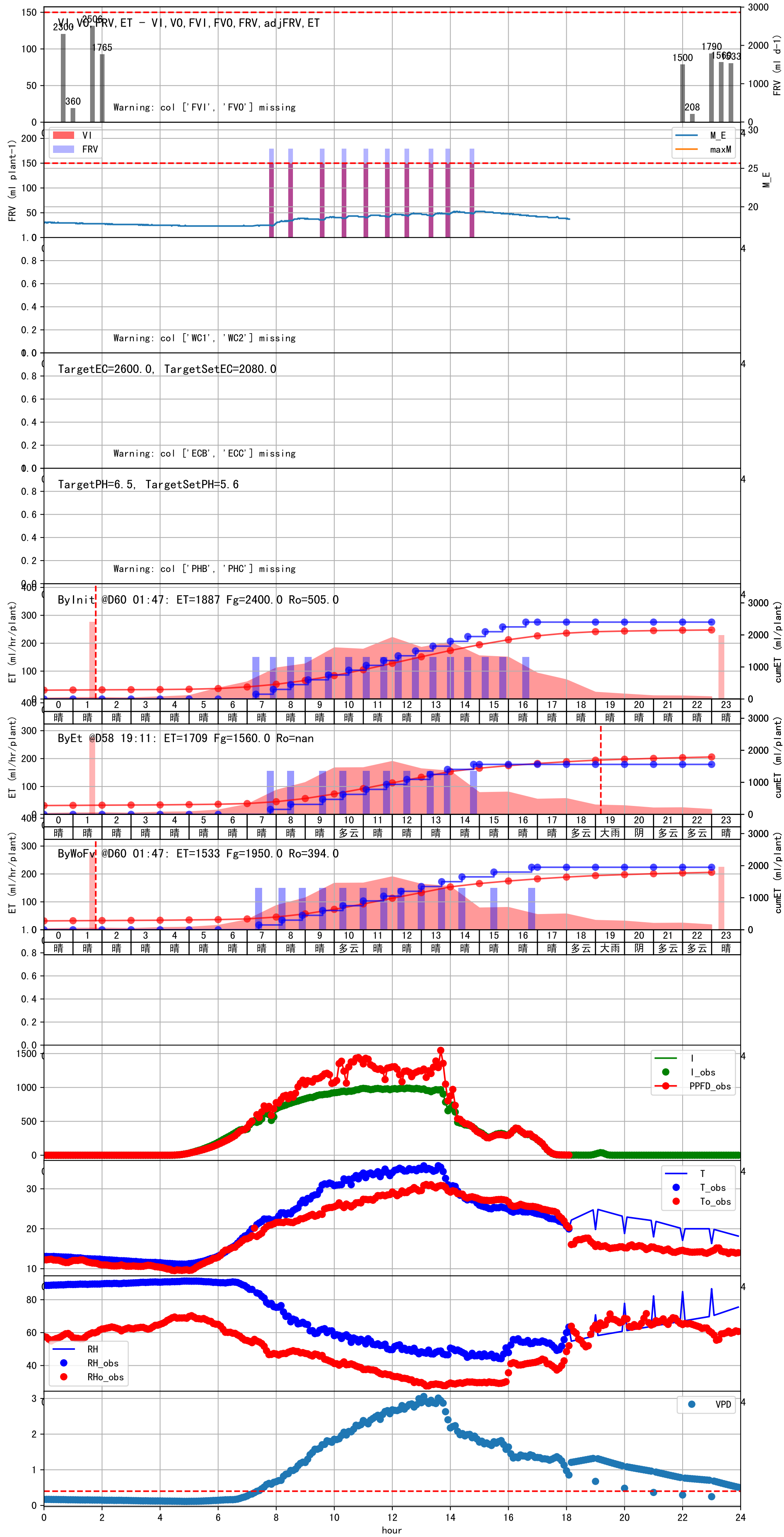

m=990,m FV0=0
M_W
m

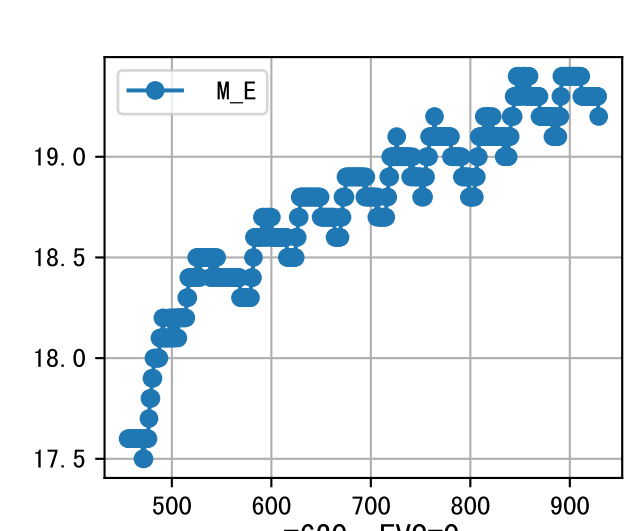

hour
0:00
4:50
7:25
8:10
8:55
9:35
10:20
11:00
11:40
12:20
13:00
13:40
14:25
15:30
16:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

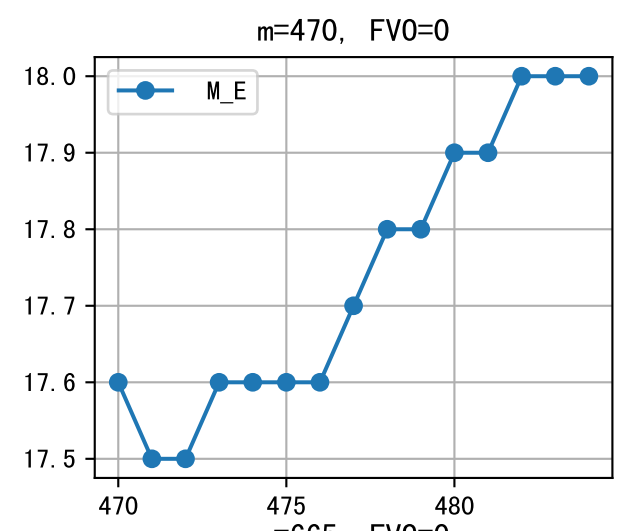
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:25	278	150.0	晴	假设@07:25 自动（未用传感器）
08:10	278	150.0	晴	假设@08:10 自动（未用传感器）
08:55	278	150.0	晴	假设@08:55 自动（未用传感器）
09:35	278	150.0	晴	假设@09:35 自动（未用传感器）
10:20	278	150.0	多云	假设@10:20 自动（未用传感器）
11:00	278	150.0	晴	假设@11:00 自动（未用传感器）
11:40	278	150.0	晴	假设@11:40 自动（未用传感器）
12:20	278	150.0	晴	假设@12:20 自动（未用传感器）
13:00	278	150.0	晴	假设@13:00 自动（未用传感器）
13:40	278	150.0	晴	假设@13:40 自动（未用传感器）
14:25	278	150.0	晴	假设@14:25 自动（未用传感器）
15:30	278	150.0	晴	假设@15:30 自动（未用传感器）
16:50	278	150.0	晴	假设@16:50 自动（未用传感器）
总计	3614.0 (13次)	1950.0		建议进液EC：2080.0， PH：5.6

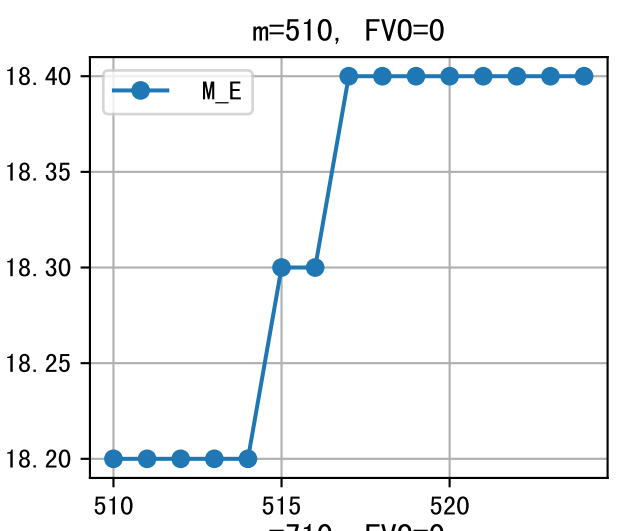
进回液EC差(2370.0 vs 5063.0)过高

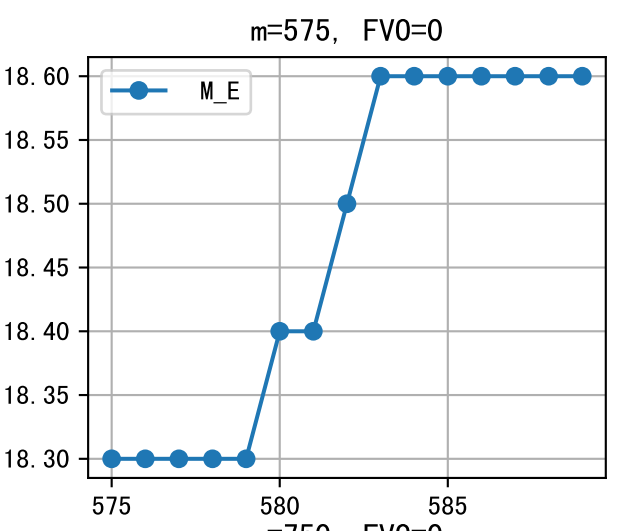
P3-4_0, Day=58 (2025-05-26)

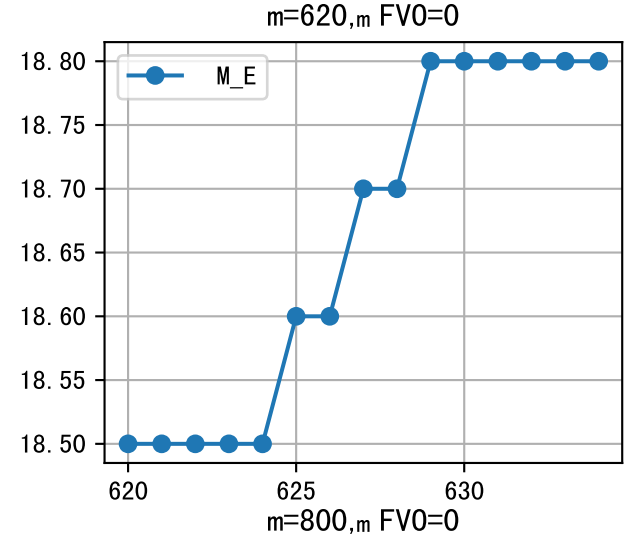


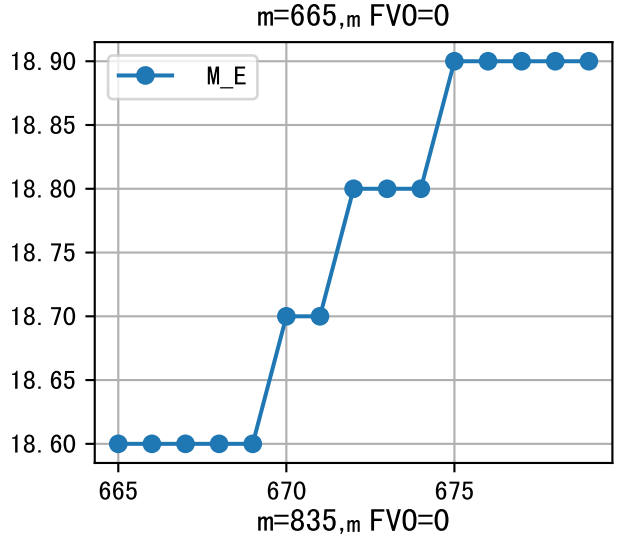

M_E

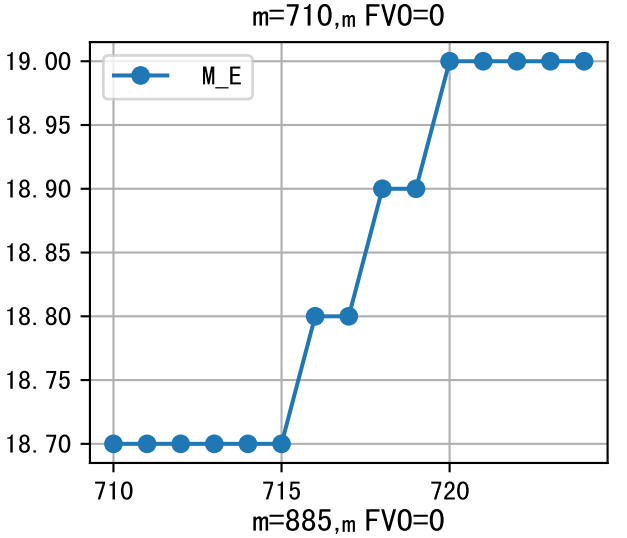

m=470, FV0=0
M_E

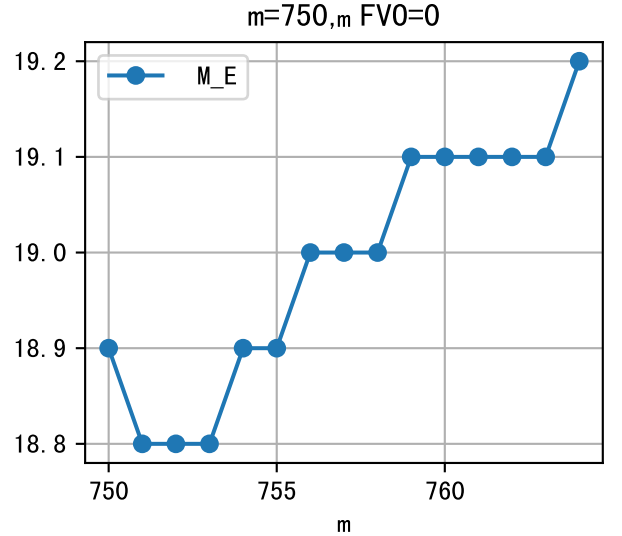

m=510, FV0=0
M_E

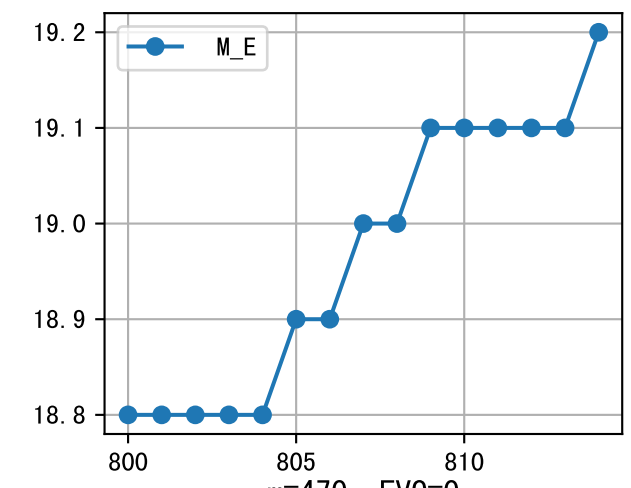

m=575, FV0=0
M_E

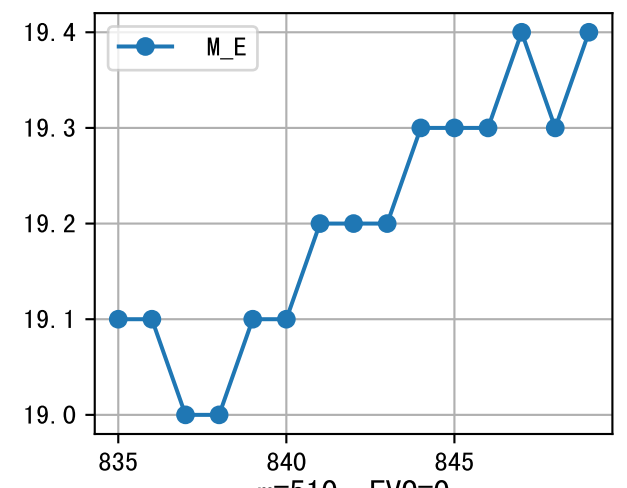

m=620,m FV0=0
M_E

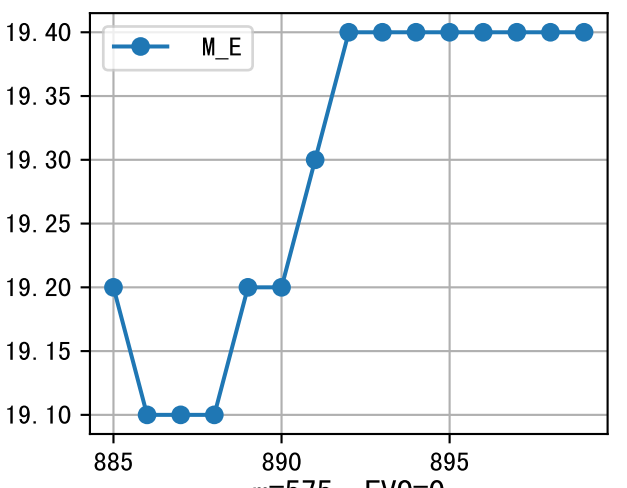

m=665,m FV0=0
M_E

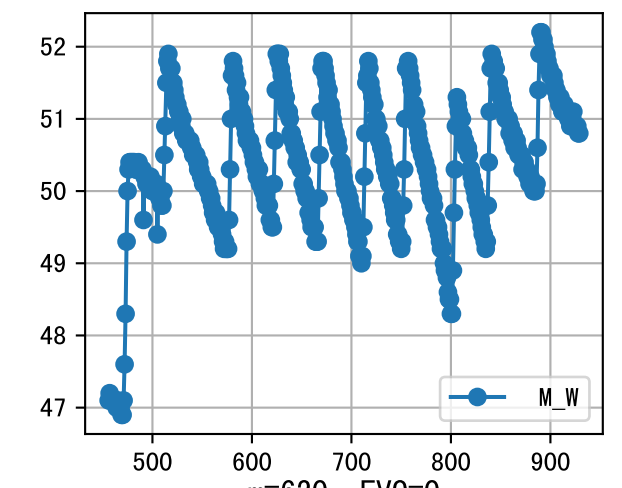

m=710,m FV0=0
M_E

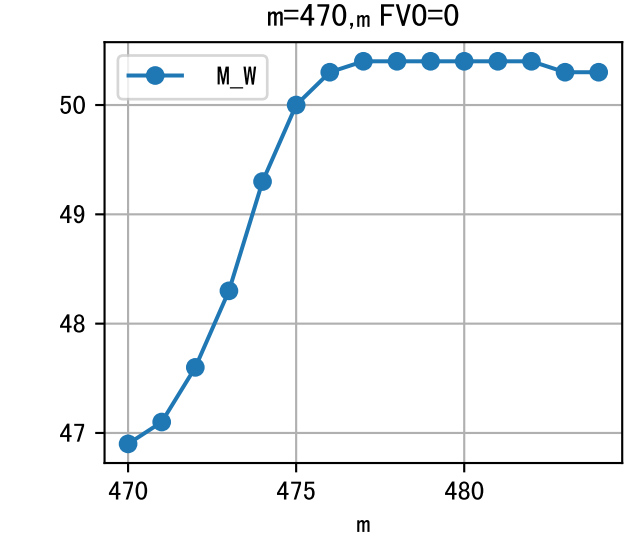

m=750,m FV0=0
M_E
m

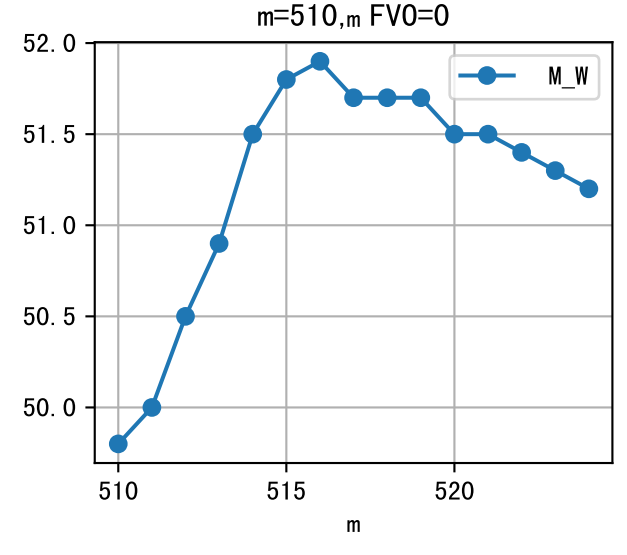

M_E
m=800,m FV0=0

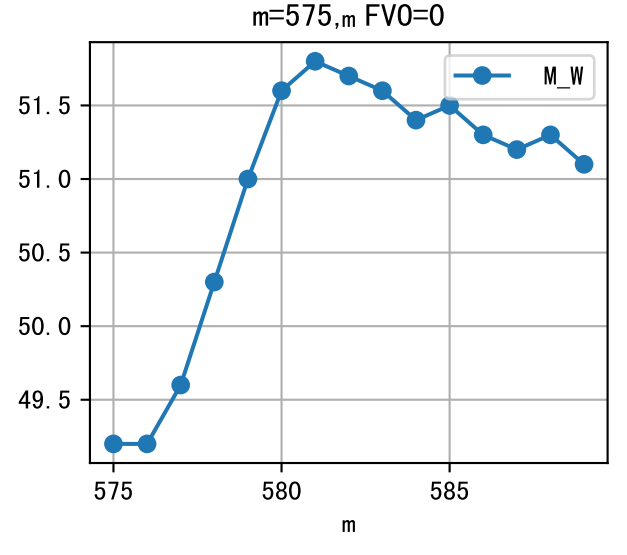

M_E
m=835,m FV0=0

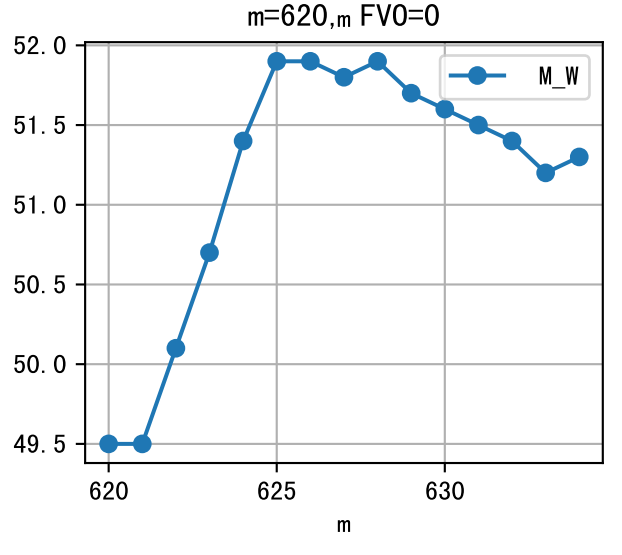

M_E
m=885,m FV0=0

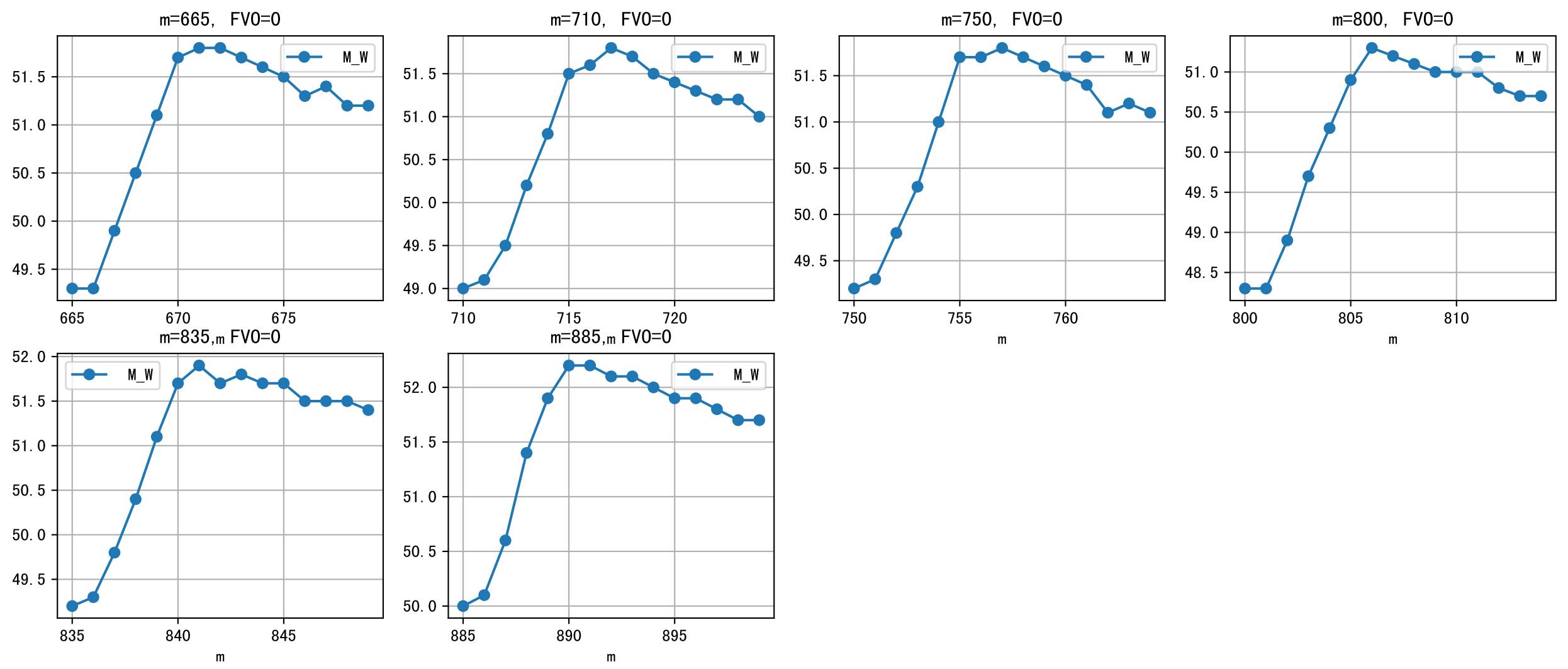

M_W
m=470,m FV0=0

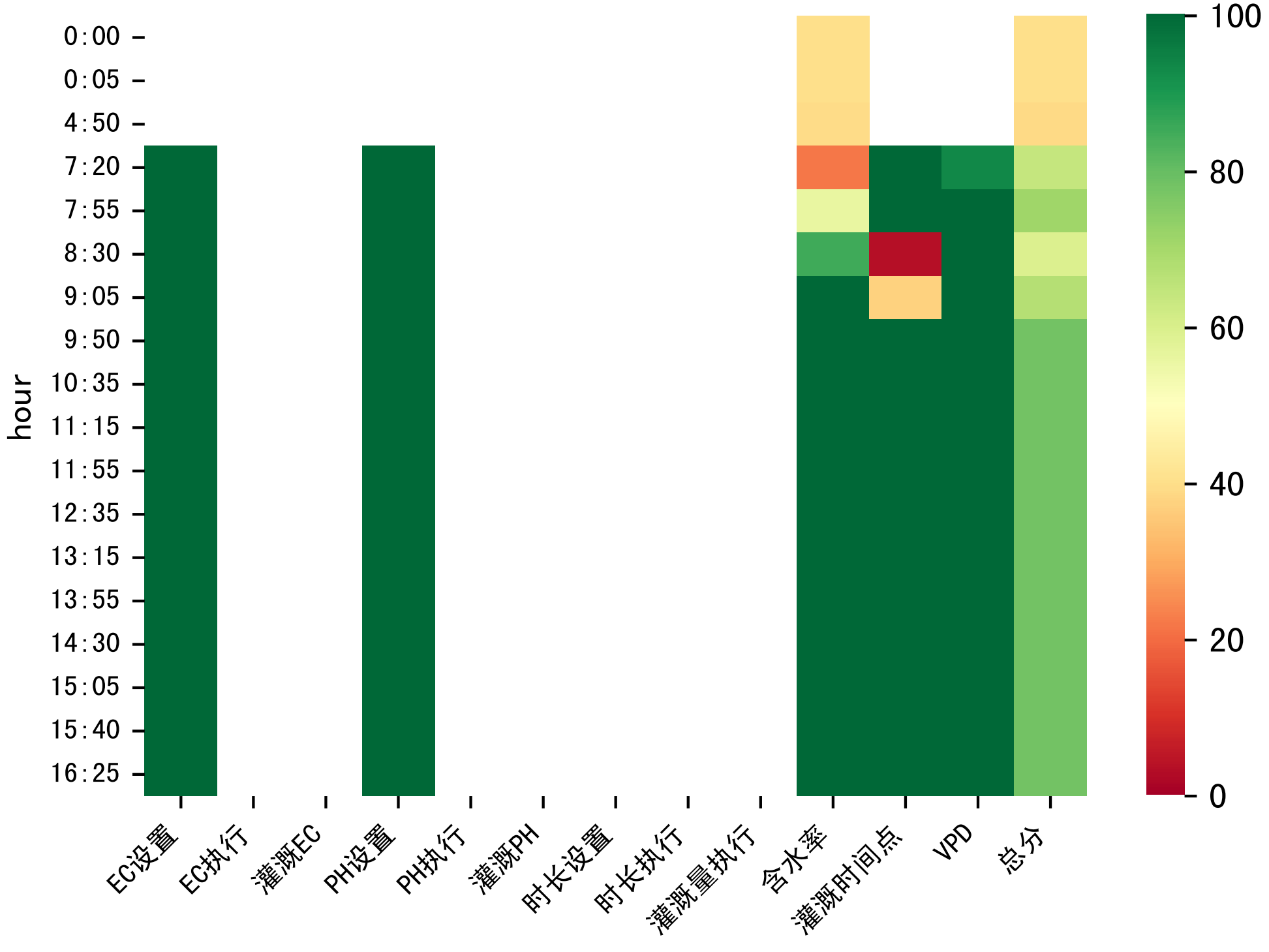

M_W
m


M_W
m=510,m FV0=0
m


M_W
m=575,m FV0=0
m


M_W
m=620,m FV0=0
m

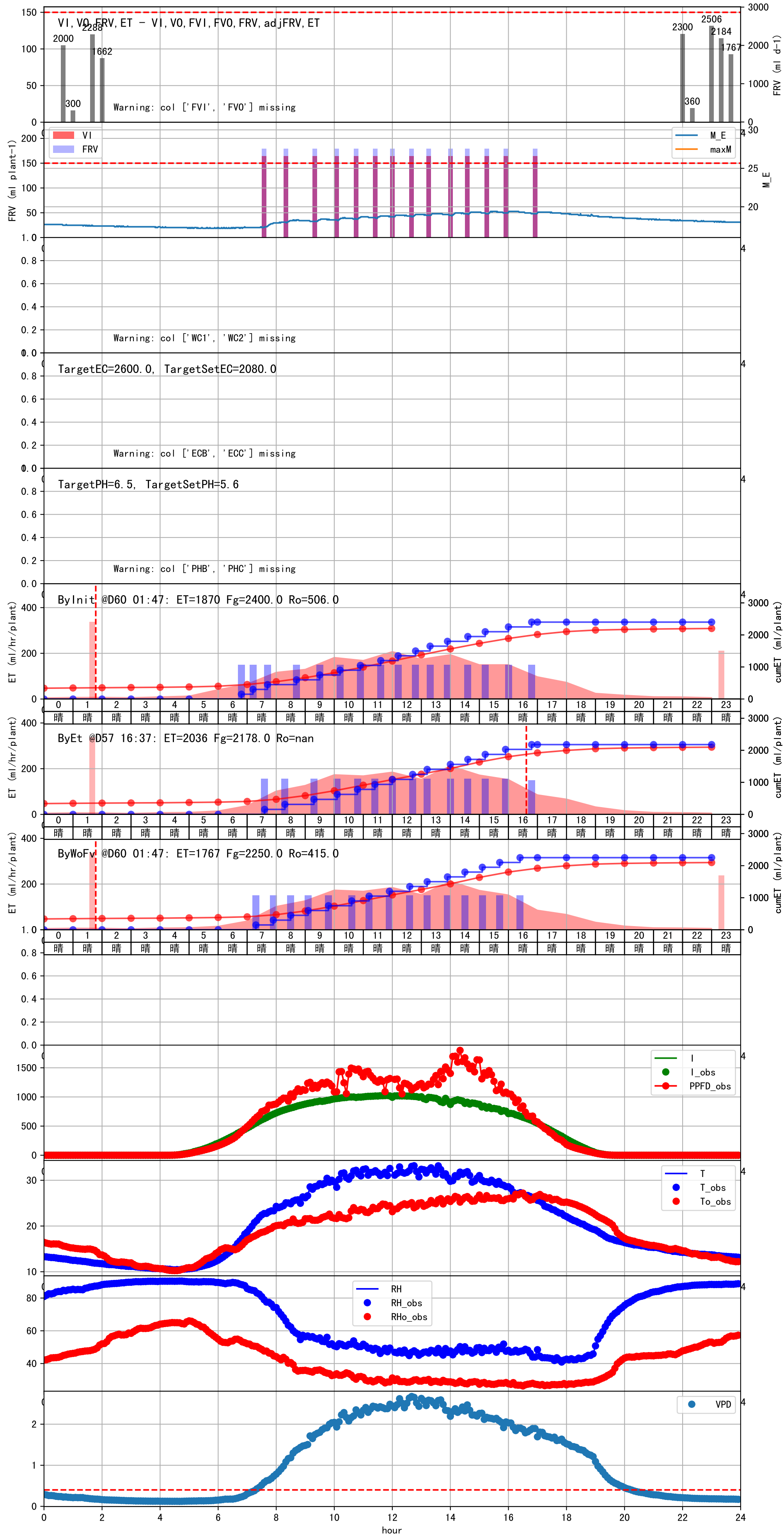

m=665, FV0=0
m=710, FV0=0
m=750, FV0=0
m=800, FV0=0
m=835,m FV0=0
m=885,m FV0=0
M_W
m

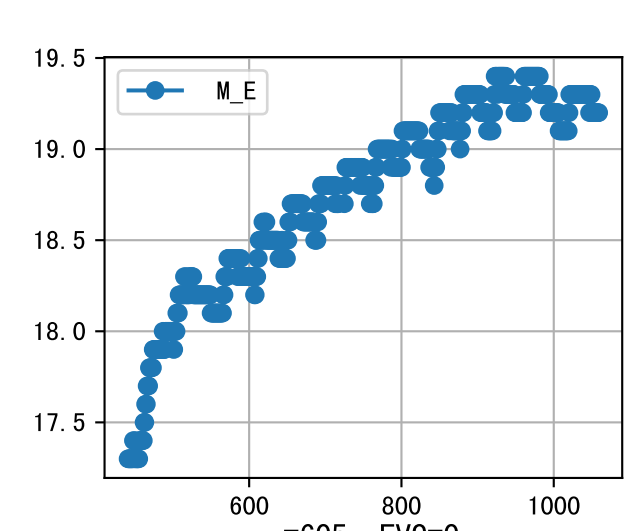

hour
0:00
0:05
4:50
7:20
7:55
8:30
9:05
9:50
10:35
11:15
11:55
12:35
13:15
13:55
14:30
15:05
15:40
16:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

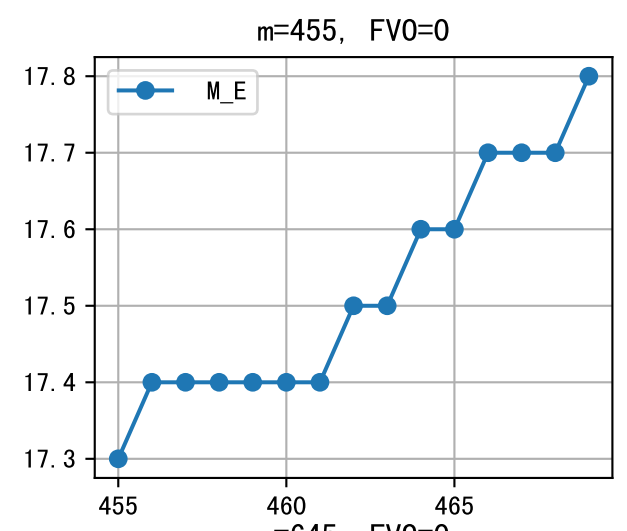
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:20	278	150.0	晴	假设@07:20 自动（未用传感器）
07:55	278	150.0	晴	假设@07:55 自动（未用传感器）
08:30	278	150.0	晴	假设@08:30 自动（未用传感器）
09:05	278	150.0	晴	假设@09:05 自动（未用传感器）
09:50	278	150.0	晴	假设@09:50 自动（未用传感器）
10:35	278	150.0	晴	假设@10:35 自动（未用传感器）
11:15	278	150.0	晴	假设@11:15 自动（未用传感器）
11:55	278	150.0	晴	假设@11:55 自动（未用传感器）
12:35	278	150.0	晴	假设@12:35 自动（未用传感器）
13:15	278	150.0	晴	假设@13:15 自动（未用传感器）
13:55	278	150.0	晴	假设@13:55 自动（未用传感器）
14:30	278	150.0	晴	假设@14:30 自动（未用传感器）
15:05	278	150.0	晴	假设@15:05 自动（未用传感器）
15:40	278	150.0	晴	假设@15:40 自动（未用传感器）
16:25	278	150.0	晴	假设@16:25 自动（未用传感器）
总计	4170.0 (15次)	2250.0		建议进液EC：2080.0， PH：5.6

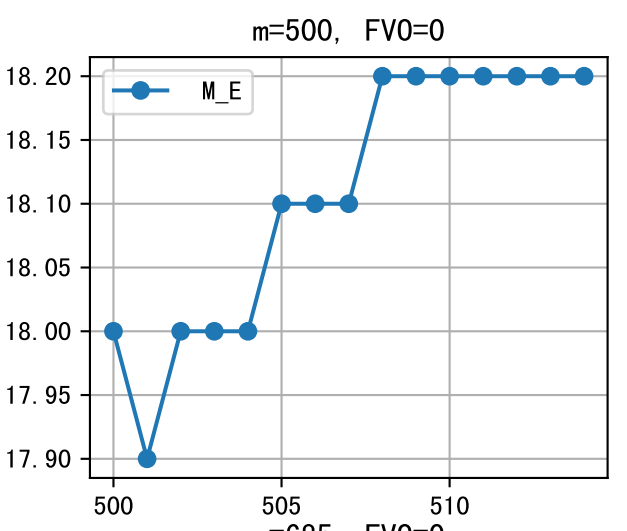
进回液EC差(2323.0 vs 4609.0)过高

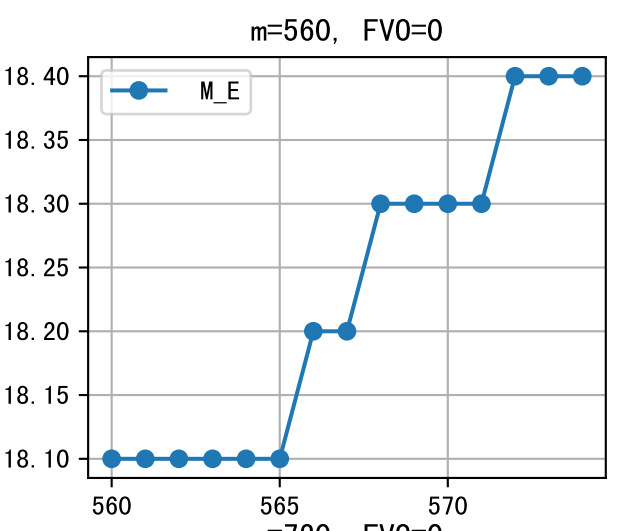
P3-4_0, Day=57 (2025-05-25)

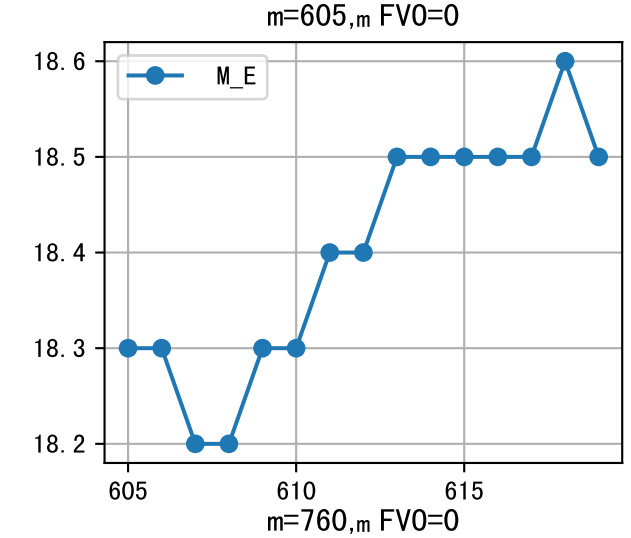


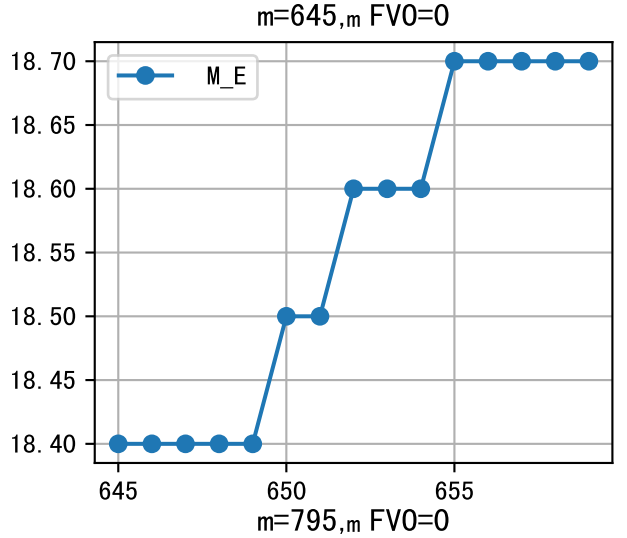

M_E

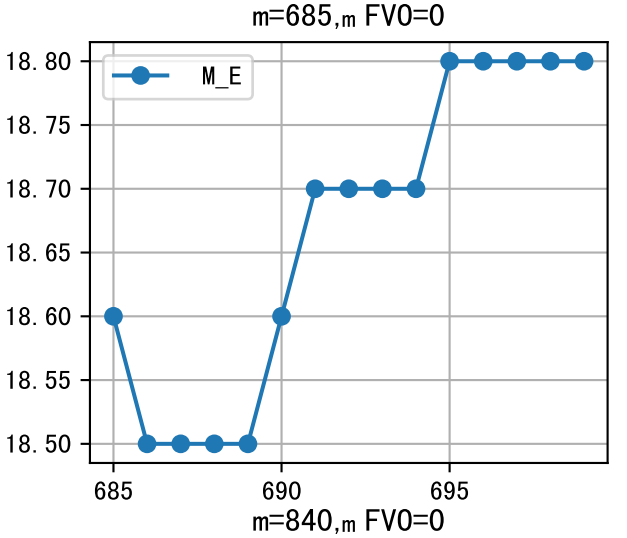

m=455, FV0=0
M_E

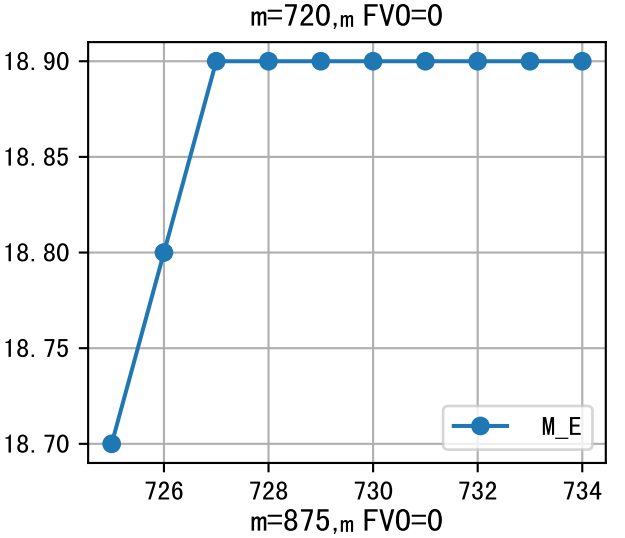

m=500, FV0=0
M_E

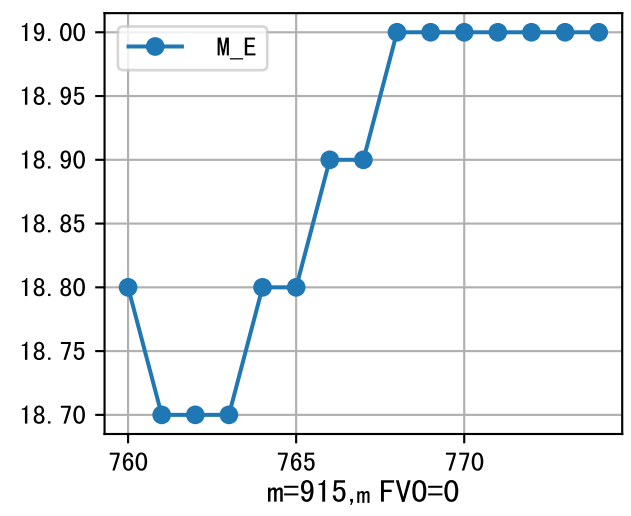

m=560, FV0=0
M_E

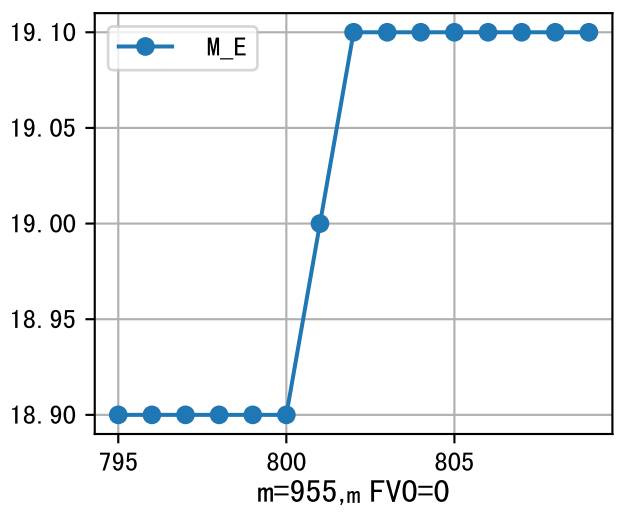

m=605,m FV0=0
M_E

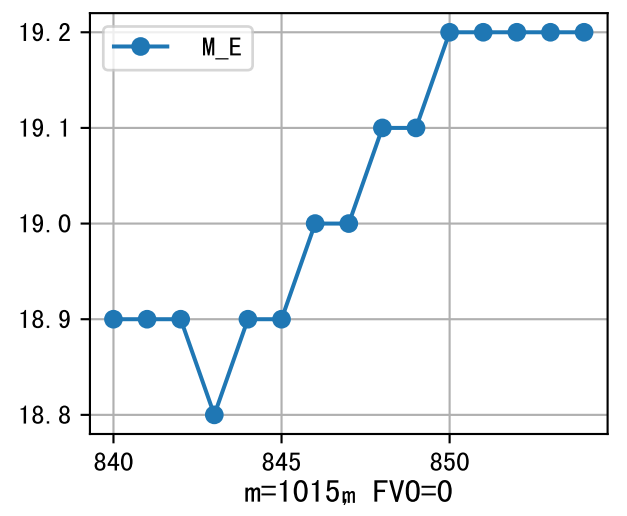

m=645,m FV0=0
M_E

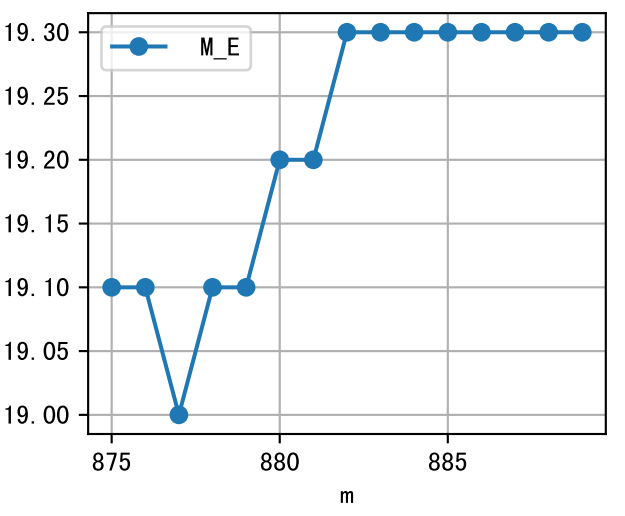

m=685,m FV0=0
M_E

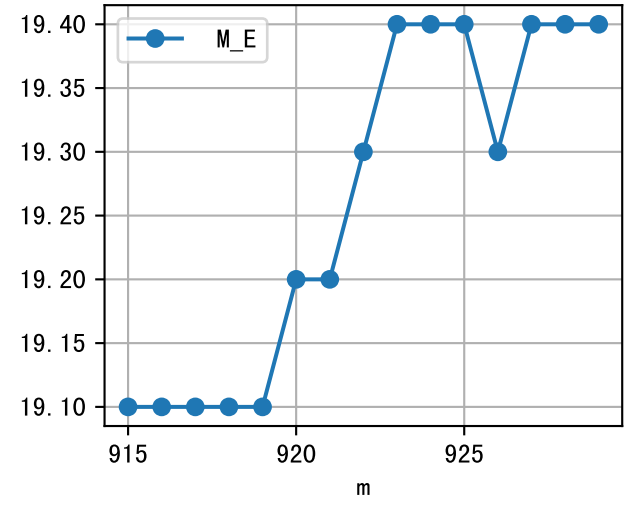

m=720,m FV0=0
M_E

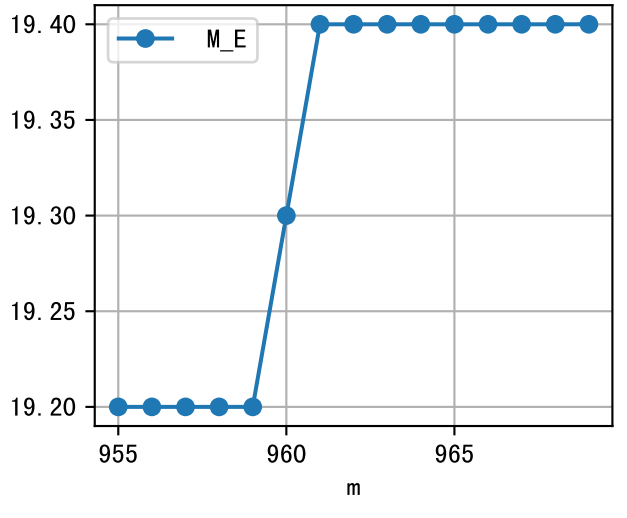

m=760,m FV0=0
M_E

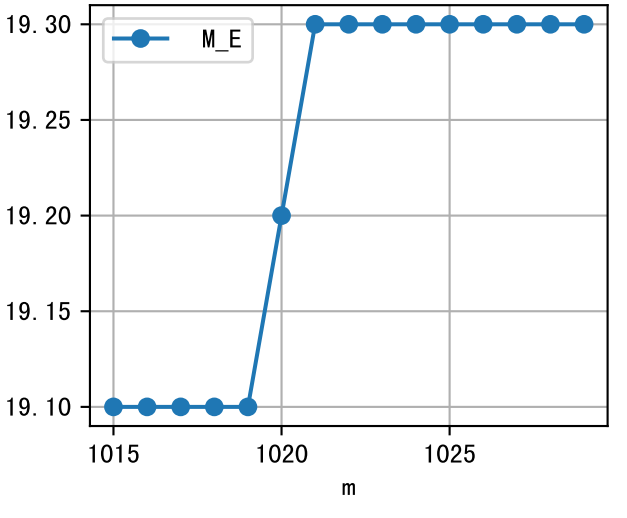

m=795,m FV0=0
M_E

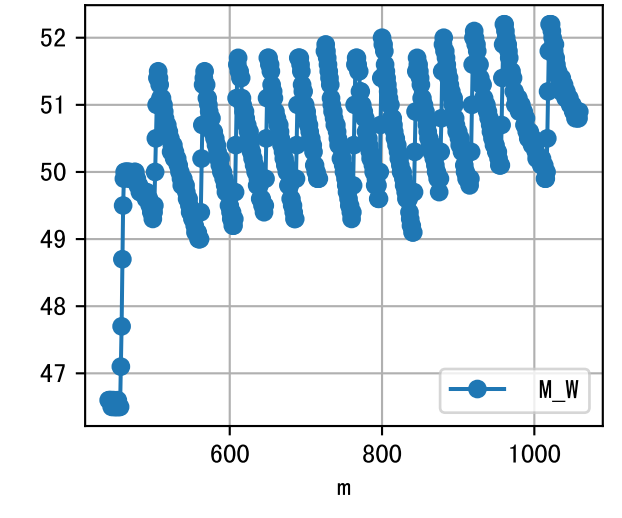

m=840,m FV0=0
M_E

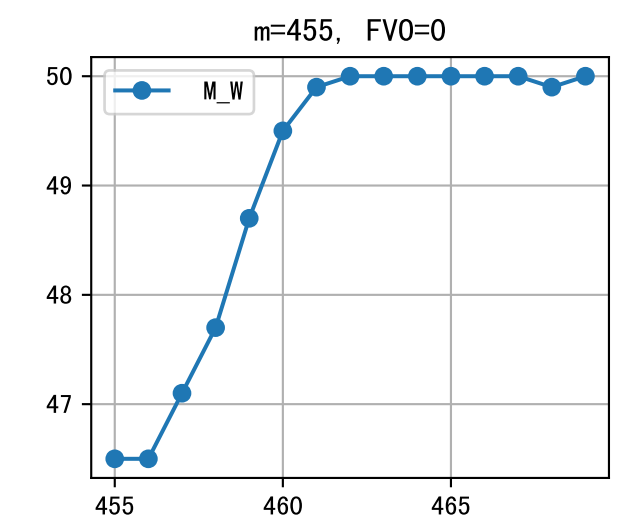

m=875,m FV0=0
M_E

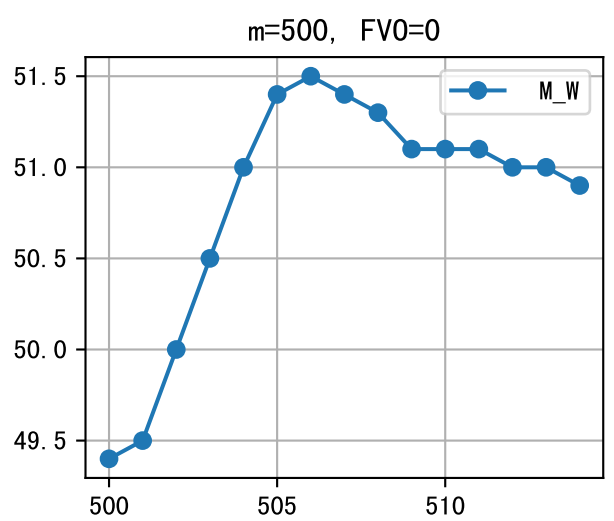

m=915,m FV0=0
M_E
m

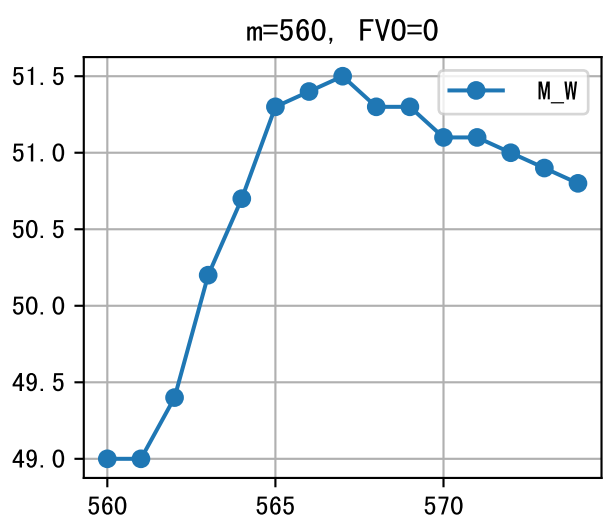

m=955,m FV0=0
M_E
m

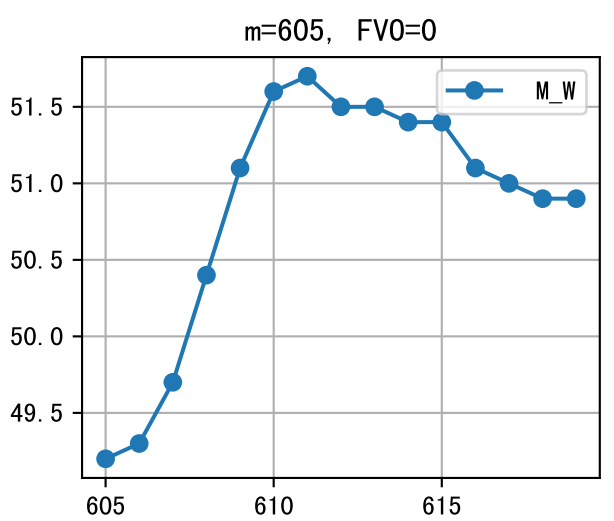

m=1015m FV0=0
M_E
m

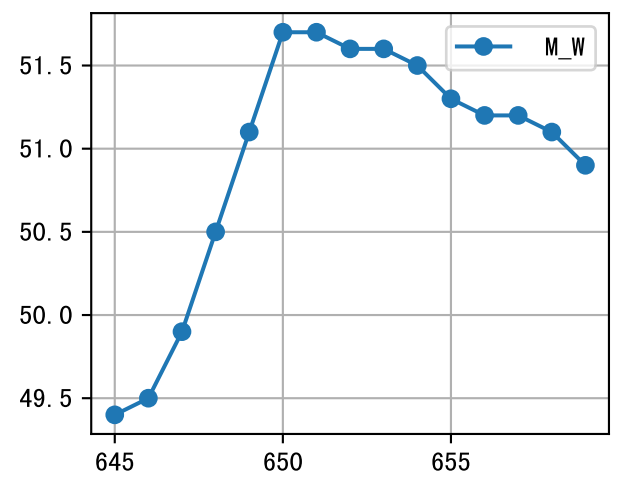

M_W
m

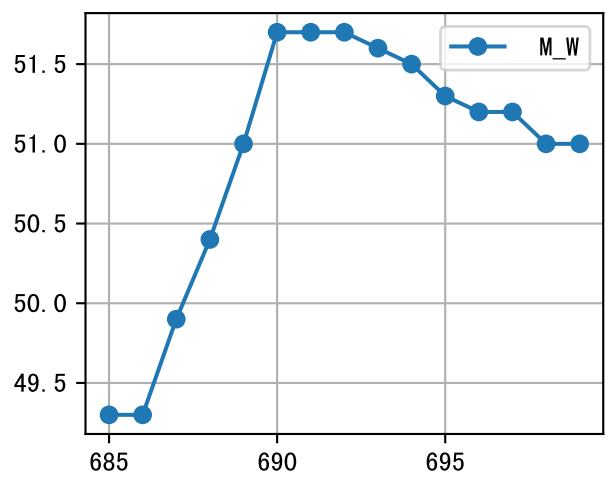

m=455, FV0=0
M_W

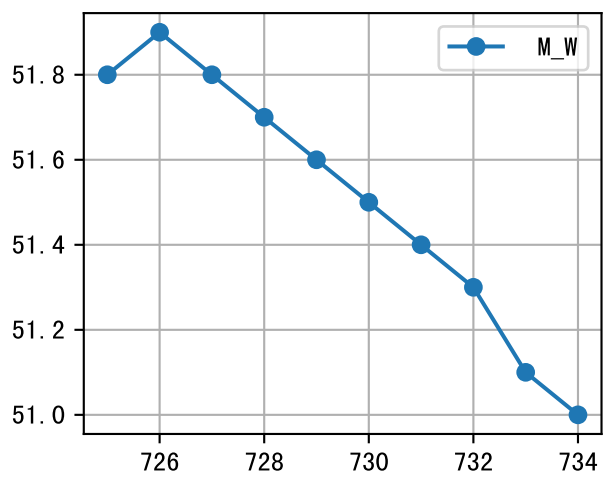

m=500, FV0=0
M_W

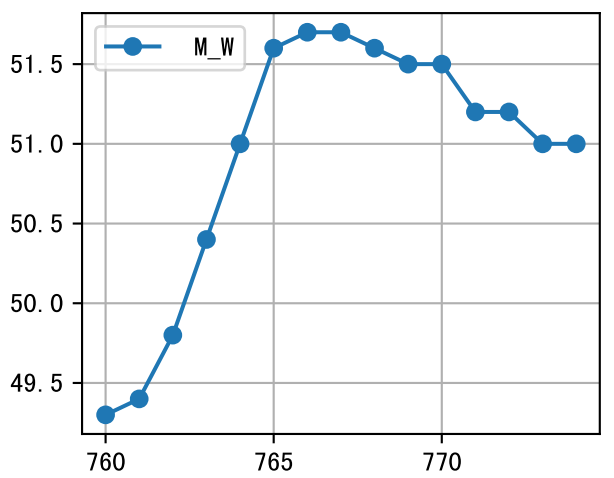

m=560, FV0=0
M_W

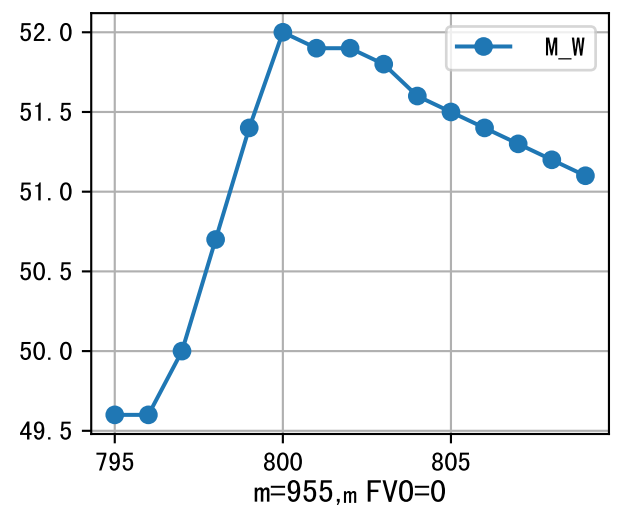

m=605, FV0=0
M_W

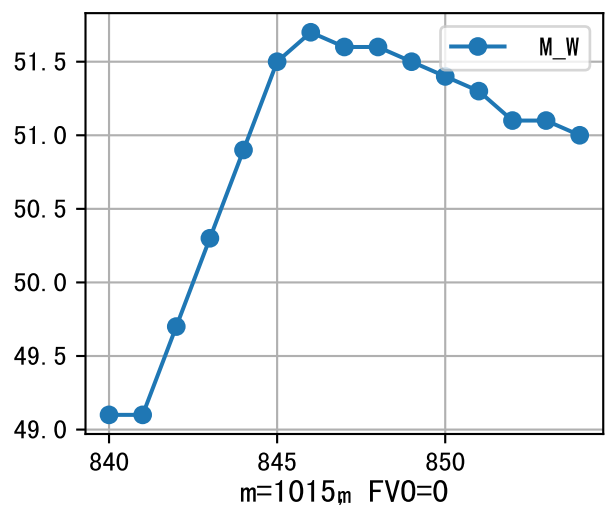

m=645,m FV0=0
M_W

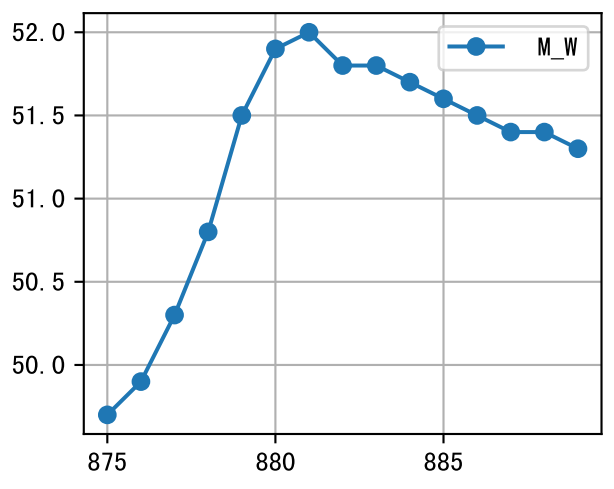

m=685,m FV0=0
M_W

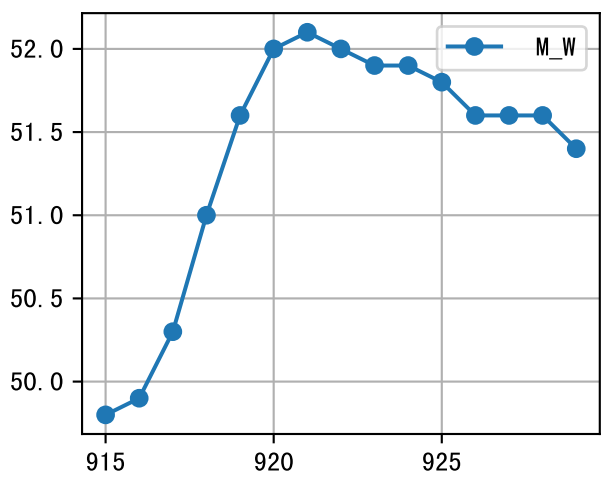

m=720,m FV0=0
M_W

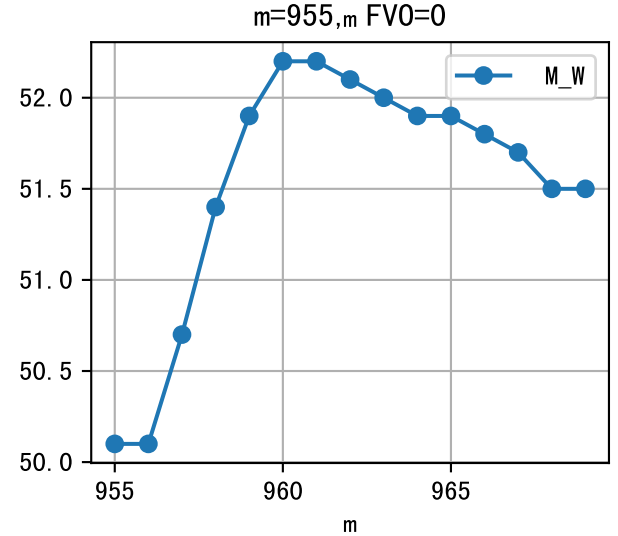

m=760,m FV0=0
M_W

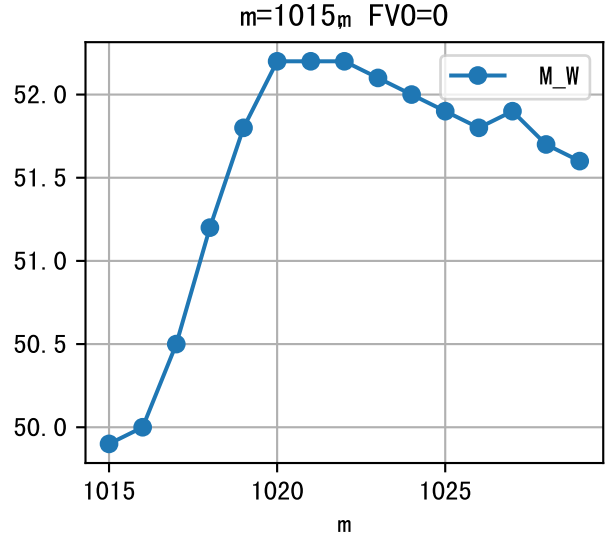

m=795,m FV0=0
M_W

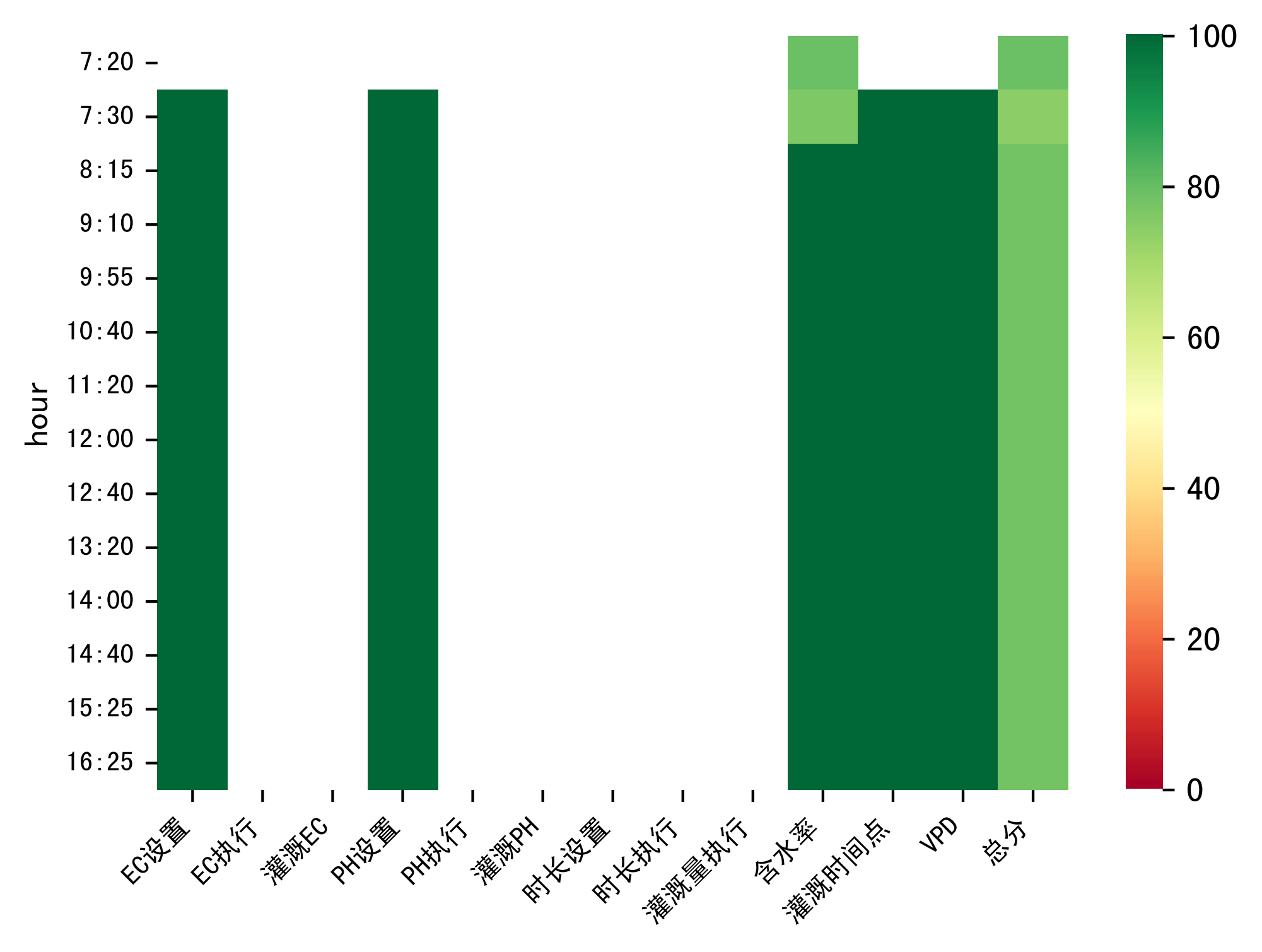

m=840,m FV0=0
M_W


m=875,m FV0=0
M_W
m


m=915,m FV0=0
M_W
m


m=955,m FV0=0
M_W
m

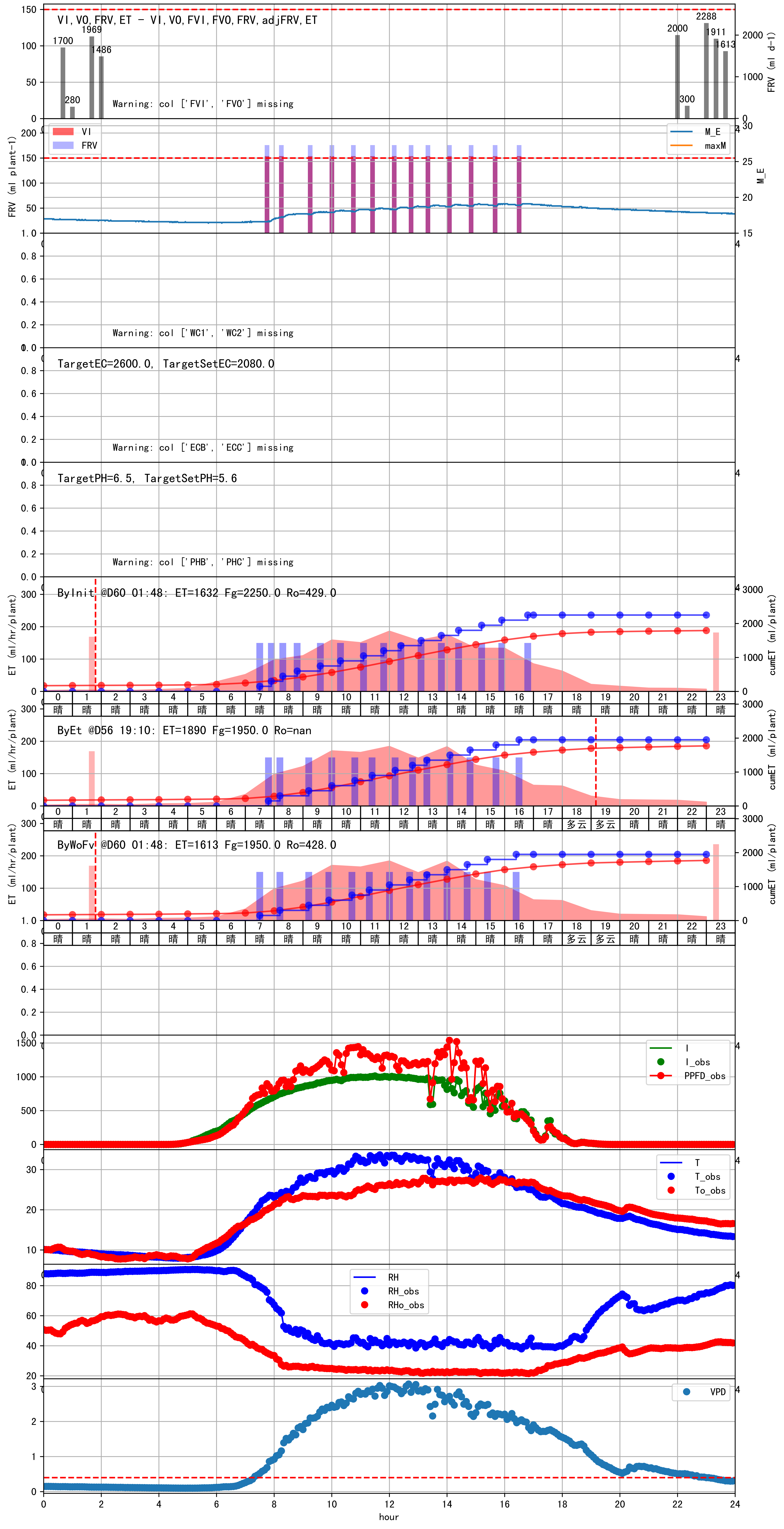

m=1015m FV0=0
M_W
m

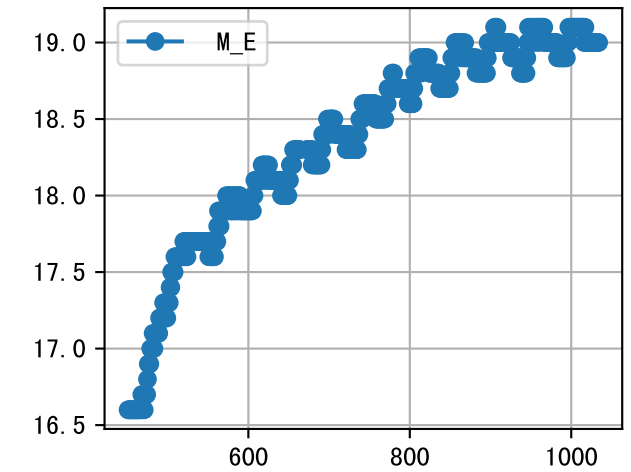

hour
7:20
7:30
8:15
9:10
9:55
10:40
11:20
12:00
12:40
13:20
14:00
14:40
15:25
16:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

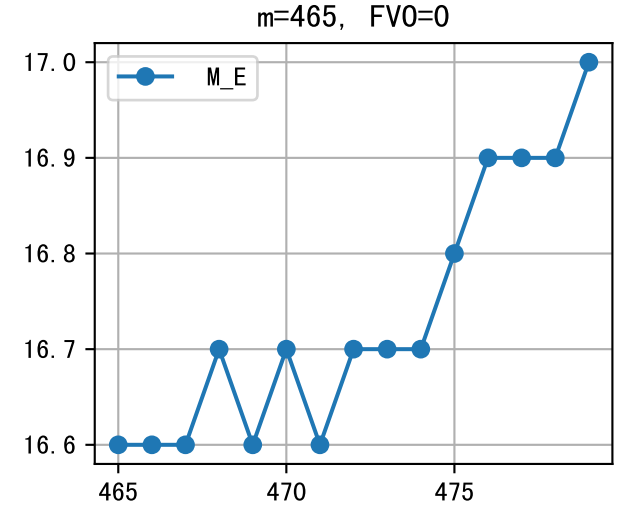
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:30	273	150.0	晴	假设@07:30 自动（未用传感器）
08:15	273	150.0	晴	假设@08:15 自动（未用传感器）
09:10	273	150.0	晴	假设@09:10 自动（未用传感器）
09:55	273	150.0	晴	假设@09:55 自动（未用传感器）
10:40	273	150.0	晴	假设@10:40 自动（未用传感器）
11:20	273	150.0	晴	假设@11:20 自动（未用传感器）
12:00	273	150.0	晴	假设@12:00 自动（未用传感器）
12:40	273	150.0	晴	假设@12:40 自动（未用传感器）
13:20	273	150.0	晴	假设@13:20 自动（未用传感器）
14:00	273	150.0	晴	假设@14:00 自动（未用传感器）
14:40	273	150.0	晴	假设@14:40 自动（未用传感器）
15:25	273	150.0	晴	假设@15:25 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	3549.0 (13次)	1950.0		建议进液EC：2080.0， PH：5.6

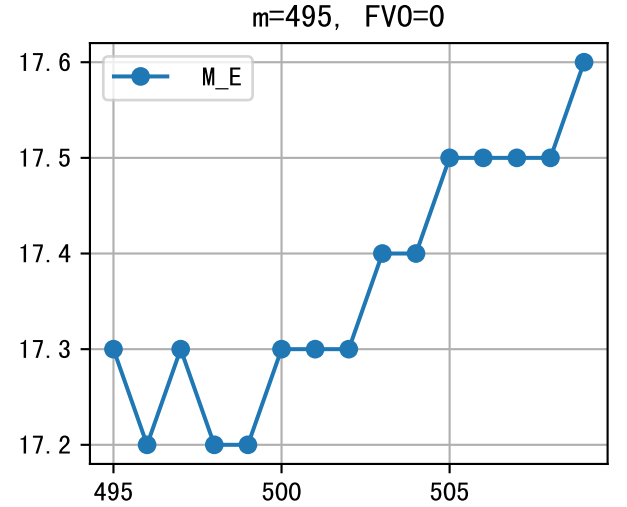
进回液EC差(2223.0 vs 4459.0)过高

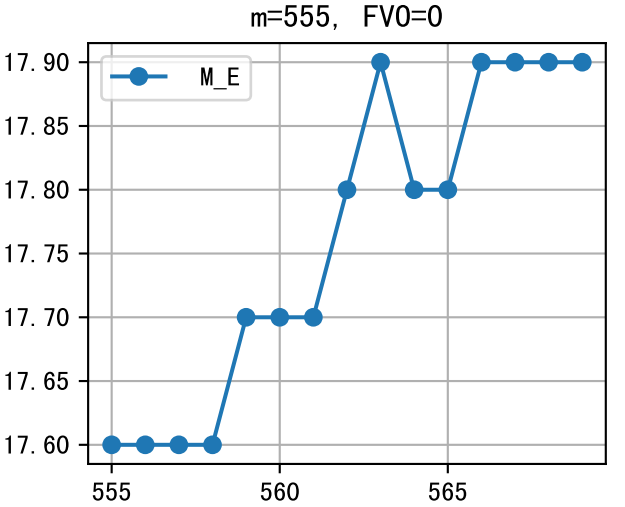
P3-4_0, Day=56 (2025-05-24)

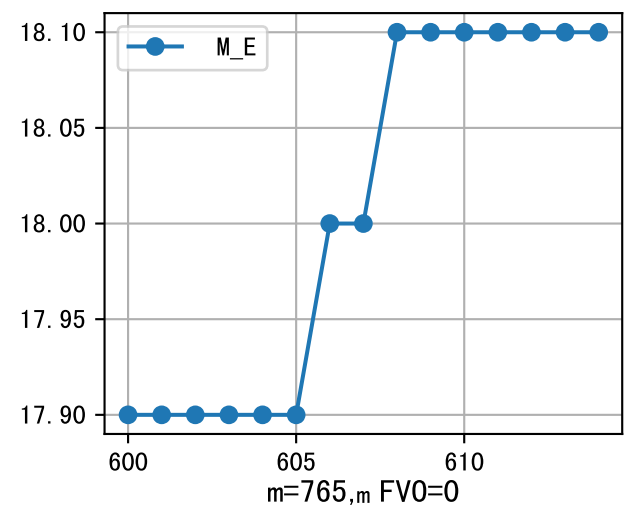


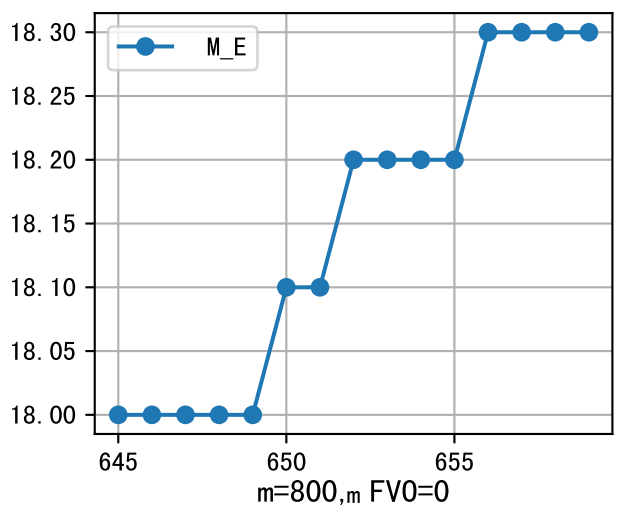

M_E
19.0
18.5
18.0
17.5
17.0
16.5
600
800
1000

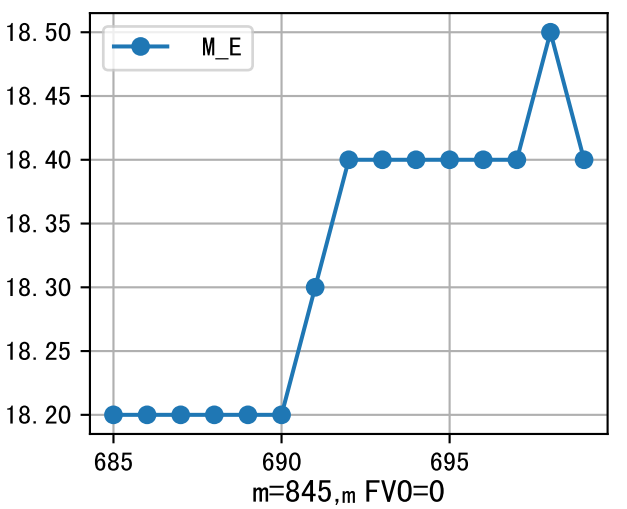

m=465, FV0=0
M_E
17.0
16.9
16.8
16.7
16.6
465
470
475

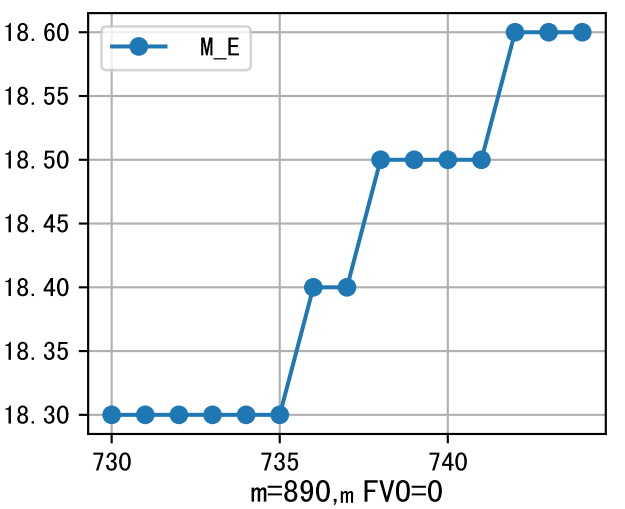

m=495, FV0=0
M_E
17.6
17.5
17.4
17.3
17.2
495
500
505

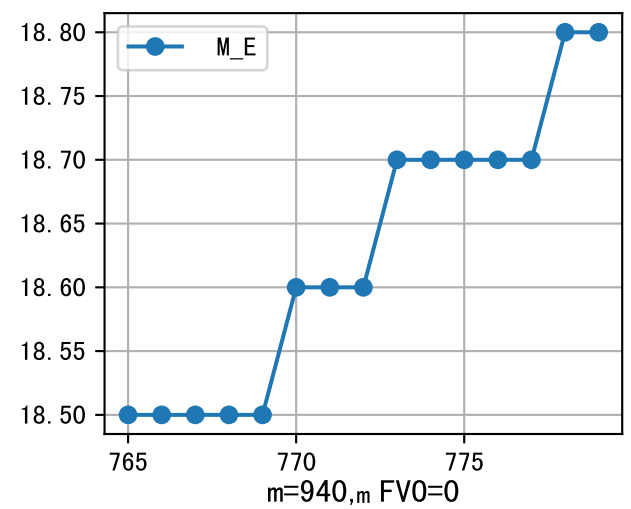

m=555, FV0=0
M_E
17.90
17.85
17.80
17.75
17.70
17.65
17.60
555
560
565

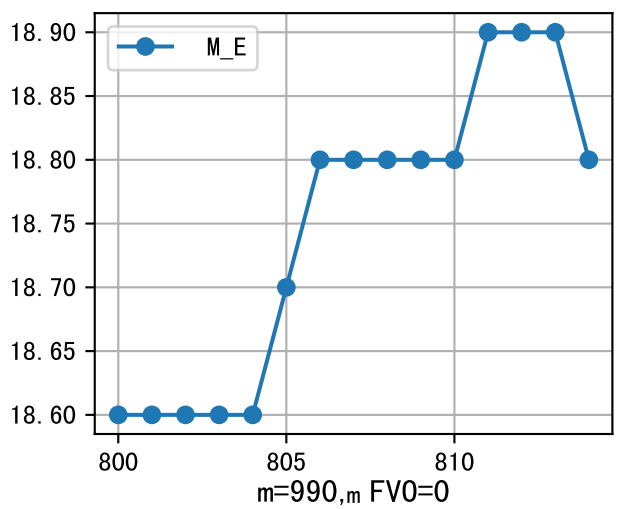

m=600,m FV0=0
M_E
18.10
18.05
18.00
17.95
17.90
600
605
610

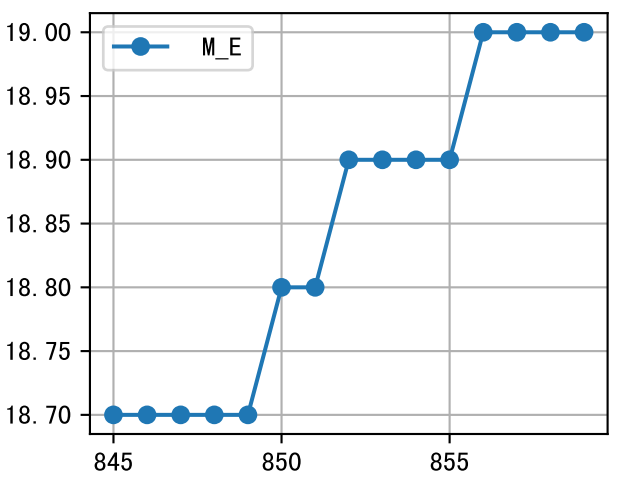

m=645,m FV0=0
M_E
18.30
18.25
18.20
18.15
18.10
18.05
18.00
645
650
655

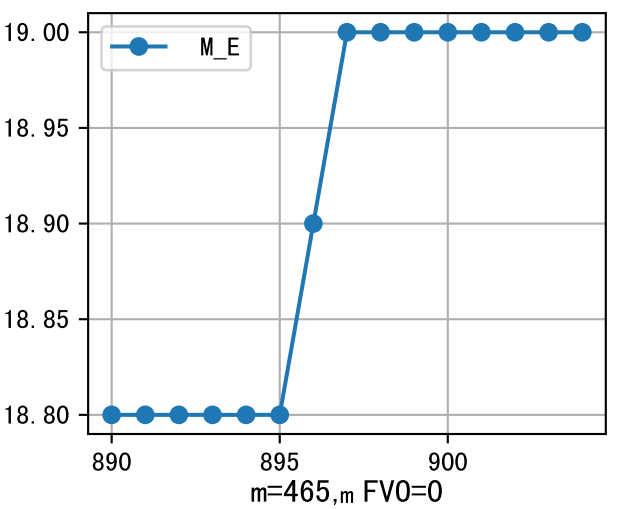

m=685,m FV0=0
M_E
18.50
18.45
18.40
18.35
18.30
18.25
18.20
685
690
695

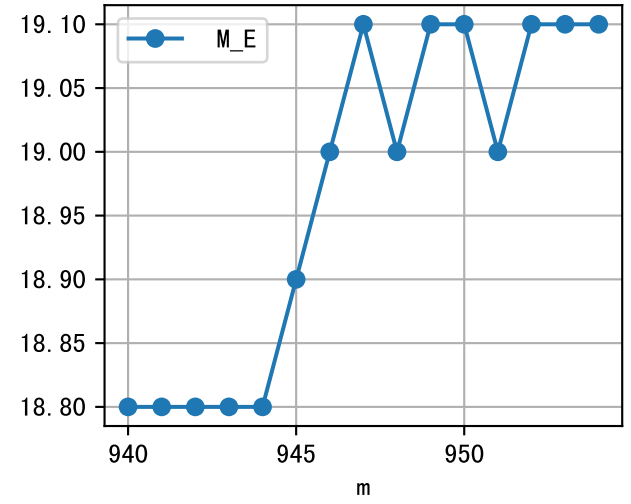

m=730,m FV0=0
M_E
18.60
18.55
18.50
18.45
18.40
18.35
18.30
730
735
740

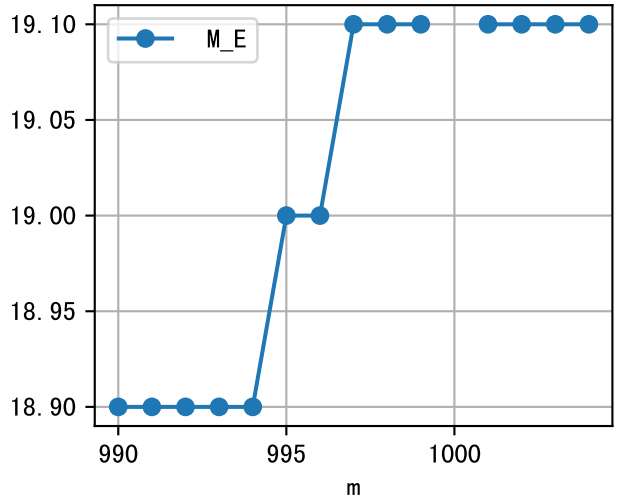

M_E
18.80
18.75
18.70
18.65
18.60
18.55
18.50
765
770
775
m=765,m FV0=0

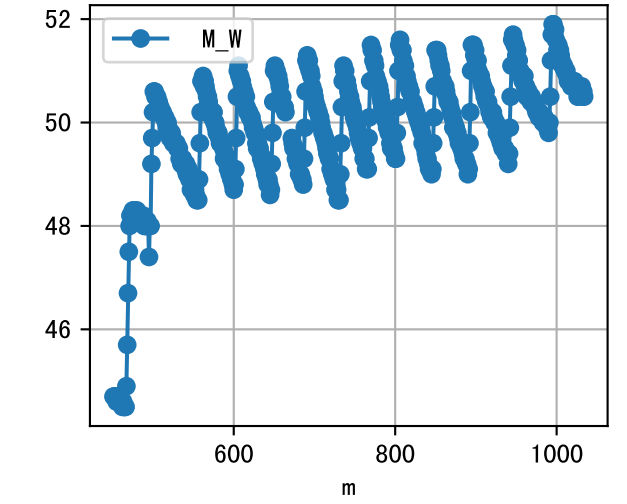

M_E
18.90
18.85
18.80
18.75
18.70
18.65
18.60
800
805
810
m=800,m FV0=0

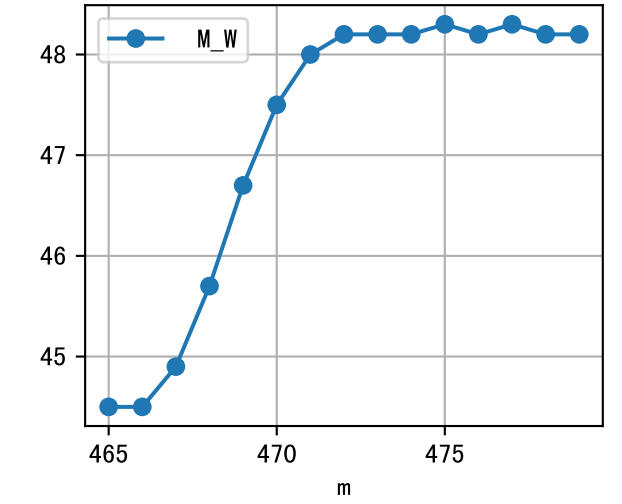

M_E
19.00
18.95
18.90
18.85
18.80
18.75
18.70
845
850
855
m

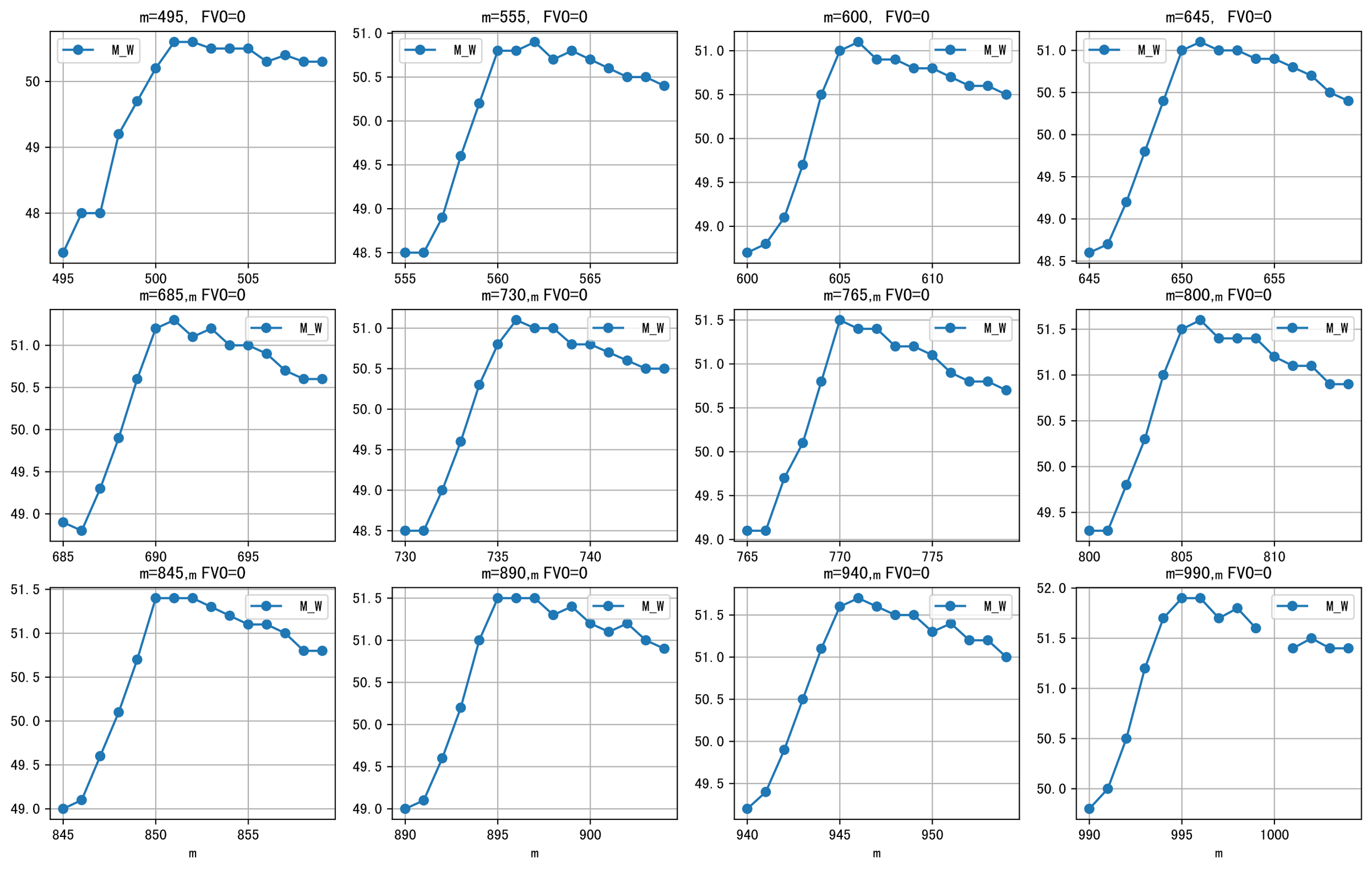

M_E
19.00
18.95
18.90
18.85
18.80
890
895
900
m=845,m FV0=0


M_E
19.10
19.05
19.00
18.95
18.90
18.85
18.80
940
945
950
m
m=940,m FV0=0


M_E
19.10
19.05
19.00
18.95
18.90
990
995
1000
m
m=990,m FV0=0


M_W
52
50
48
46
600
800
1000
m


M_W
48
47
46
45
465
470
475
m
m=465,m FV0=0


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