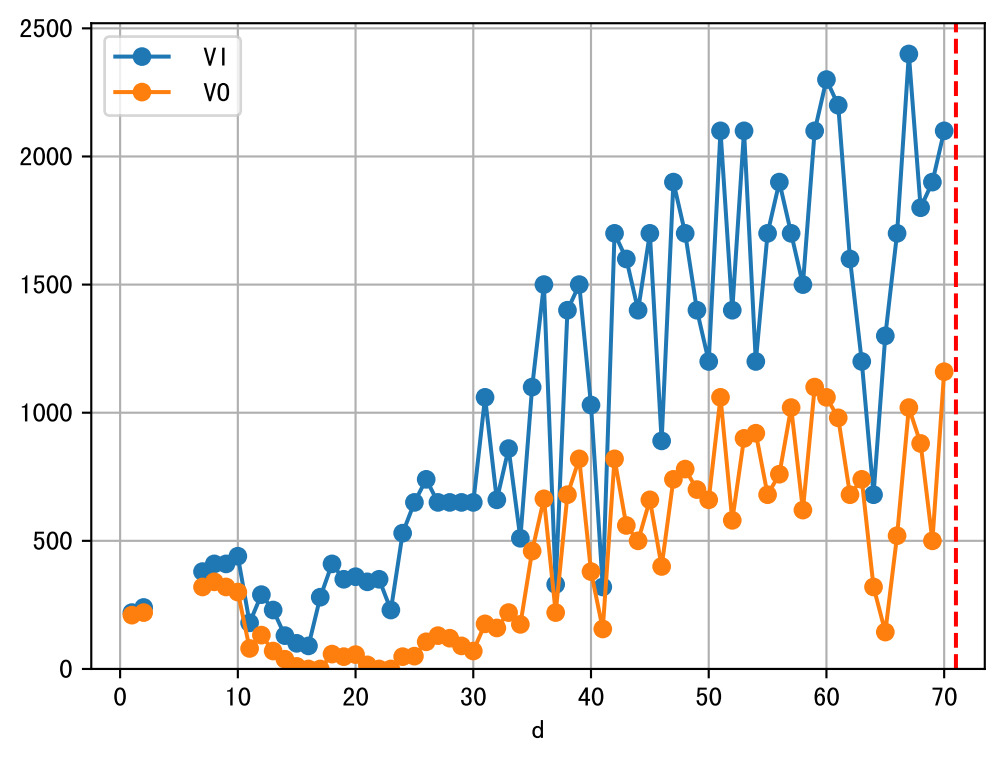
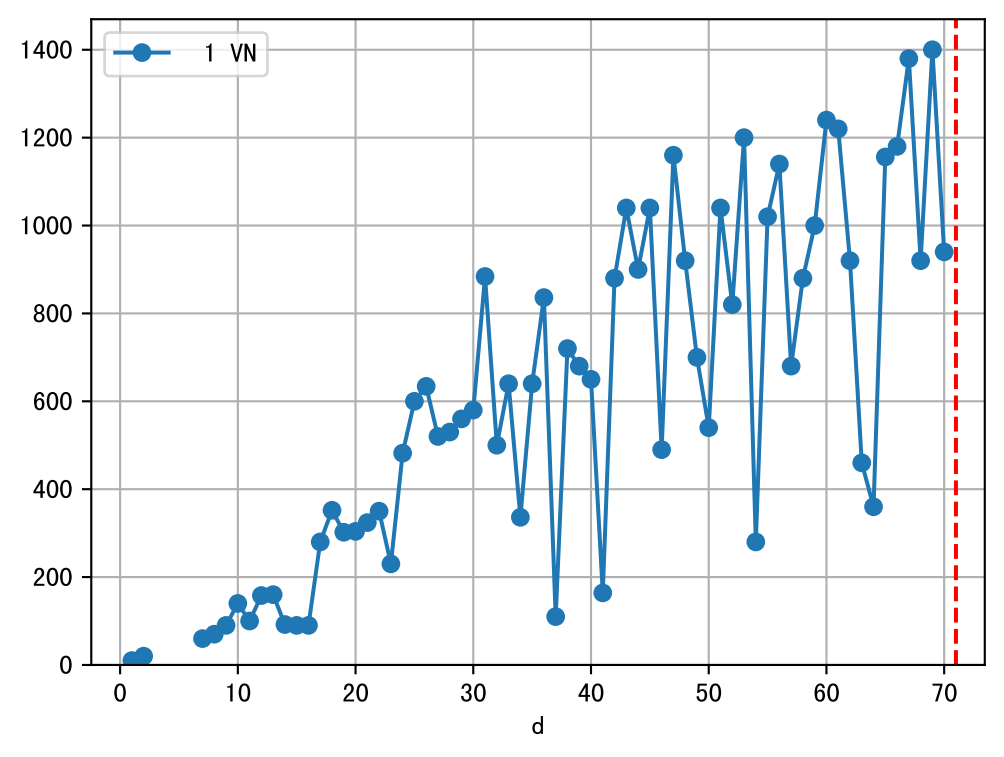
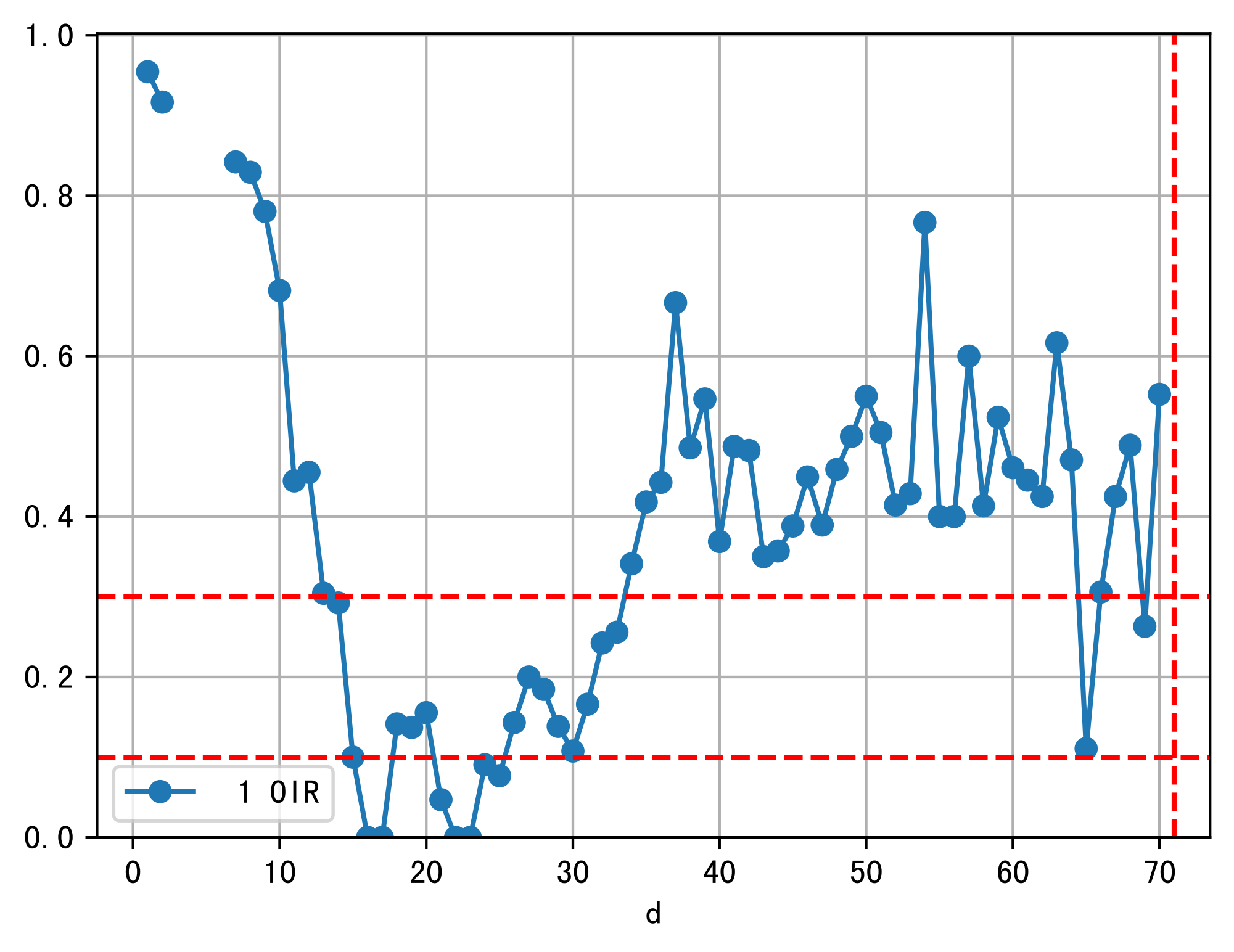
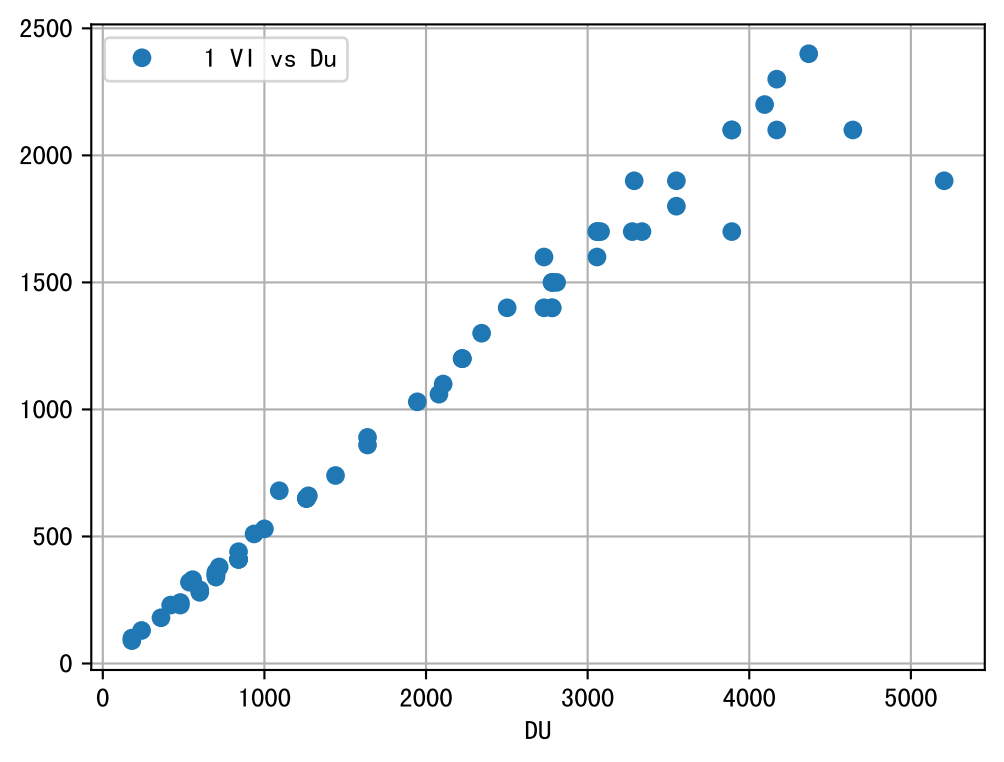
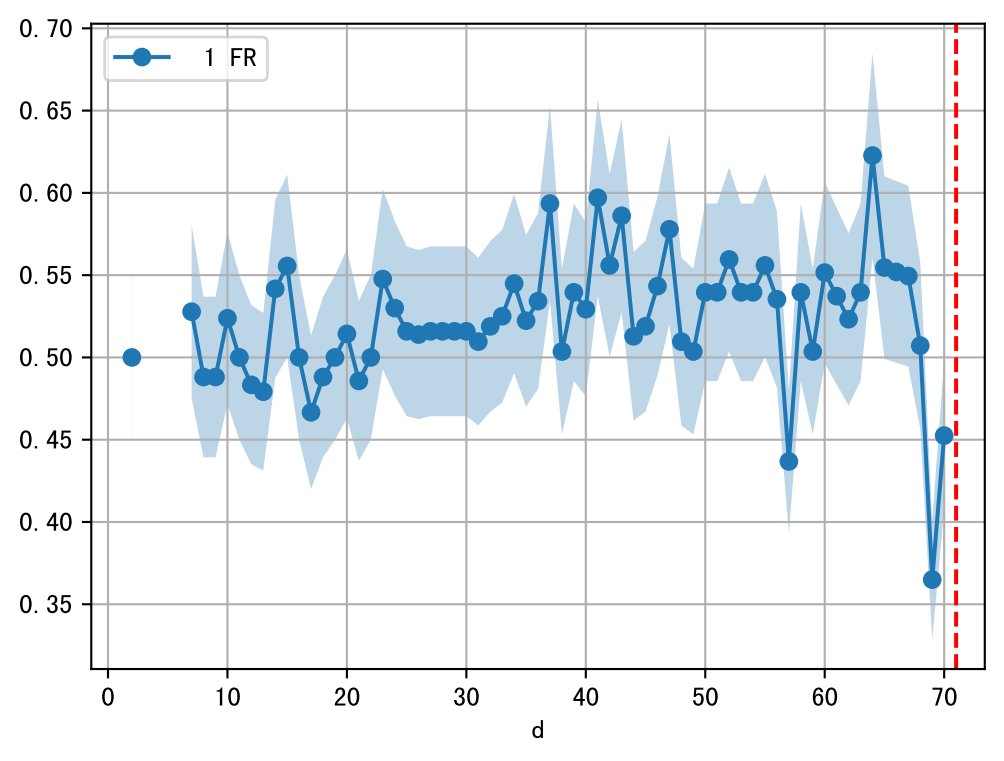
FgArea: ['0']
NC11 P3-2
2025-06-08 (Day 71)

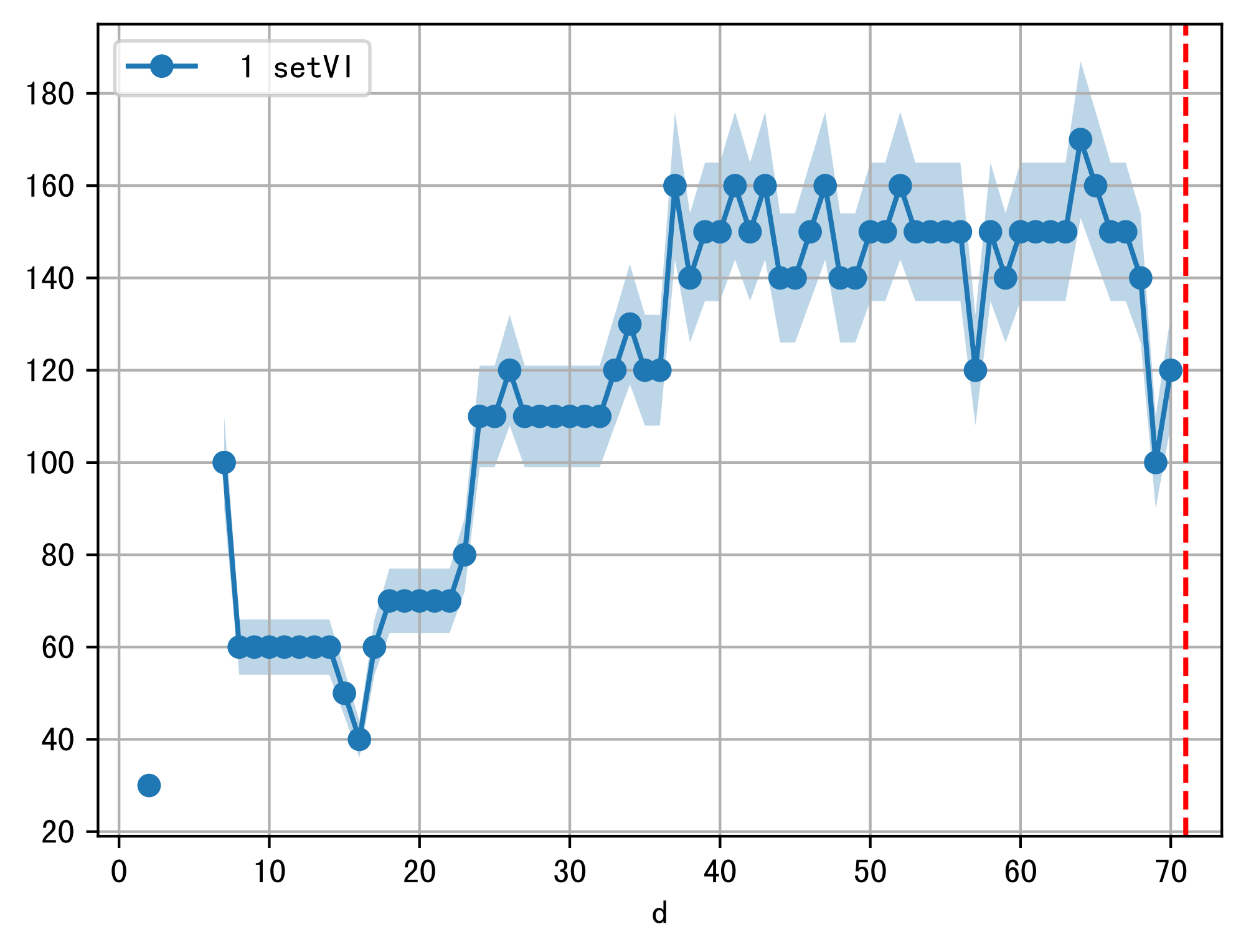

VI
V0
2500
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
d

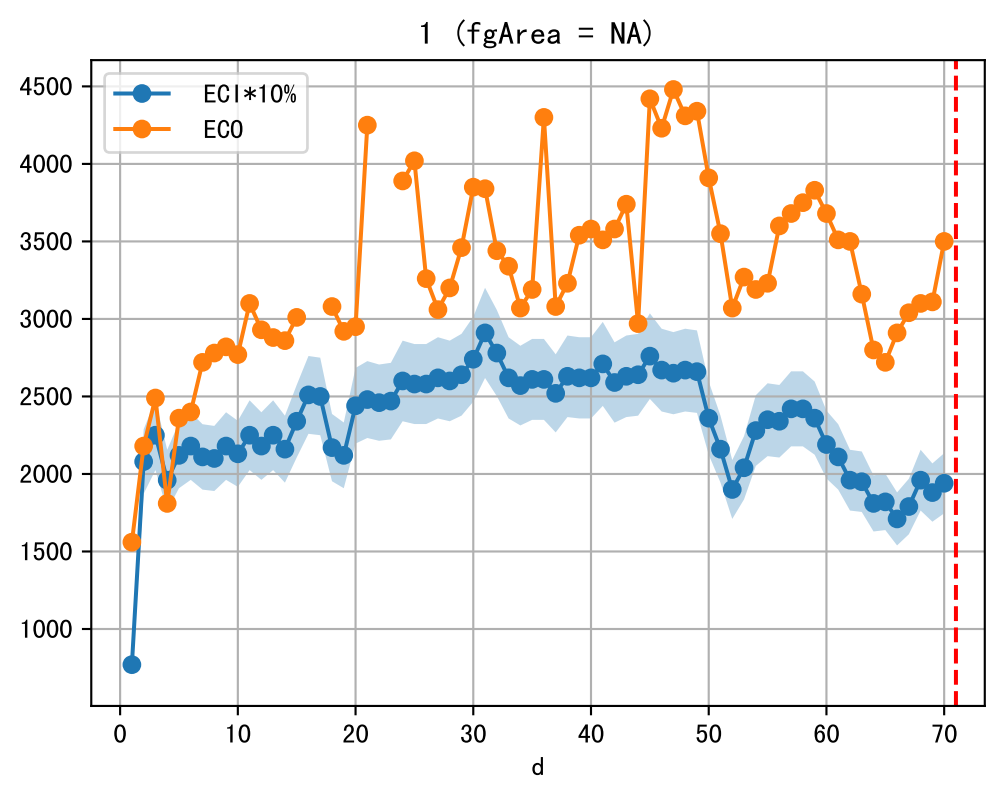

1 VN
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
d

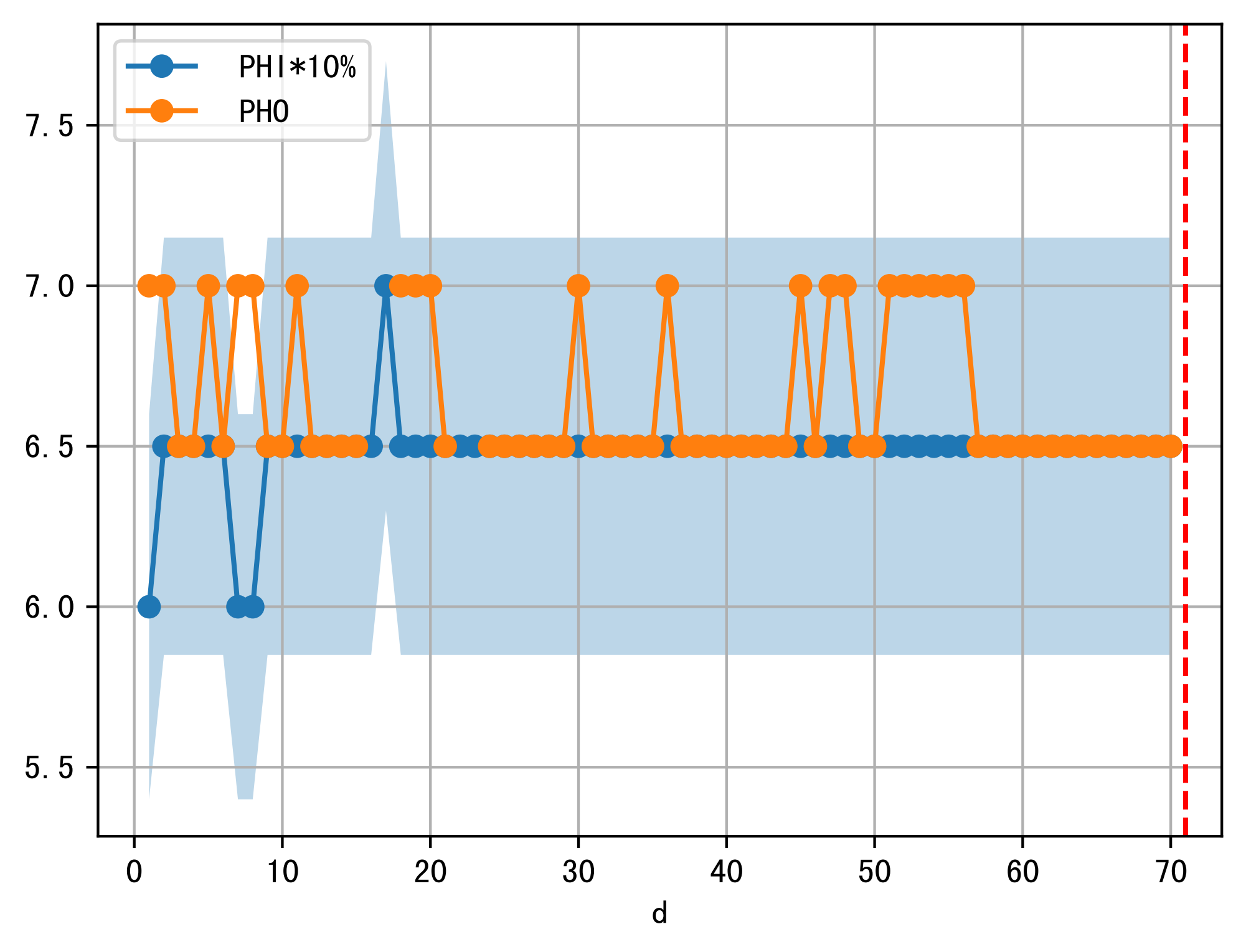

1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
70
d
1 0IR

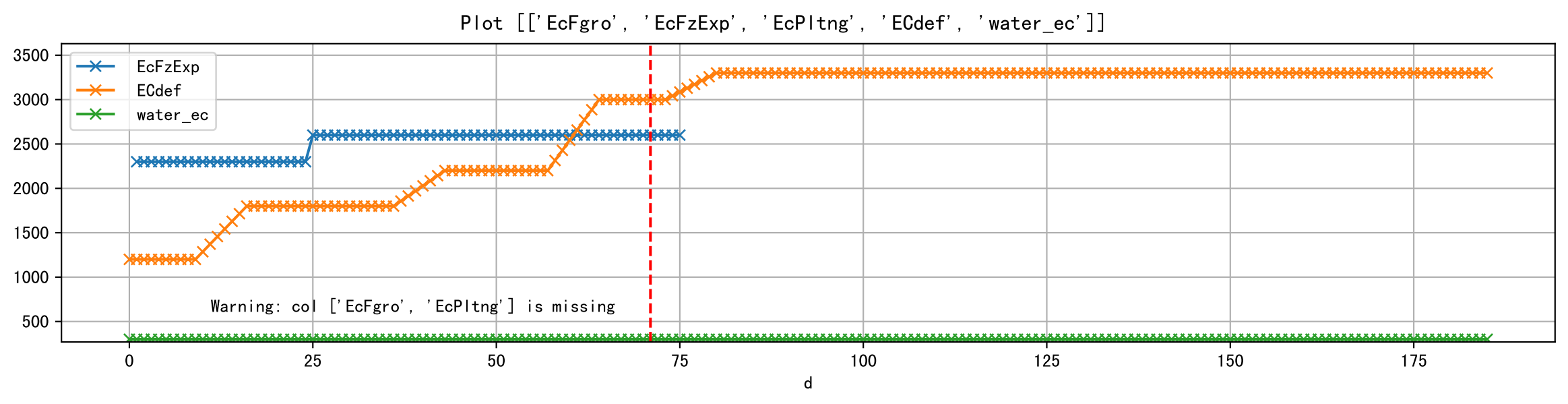

1 VI vs Du
2500
2000
1500
1000
500
0
0
1000
2000
3000
4000
5000
DU

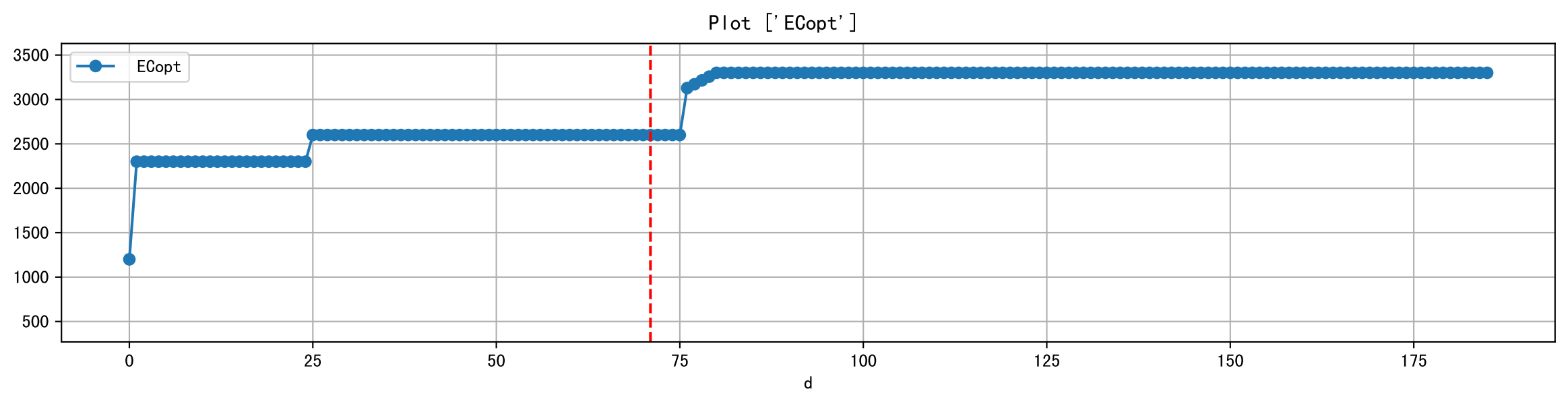

1 FR
0.70
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0
10
20
30
40
50
60
70
d


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

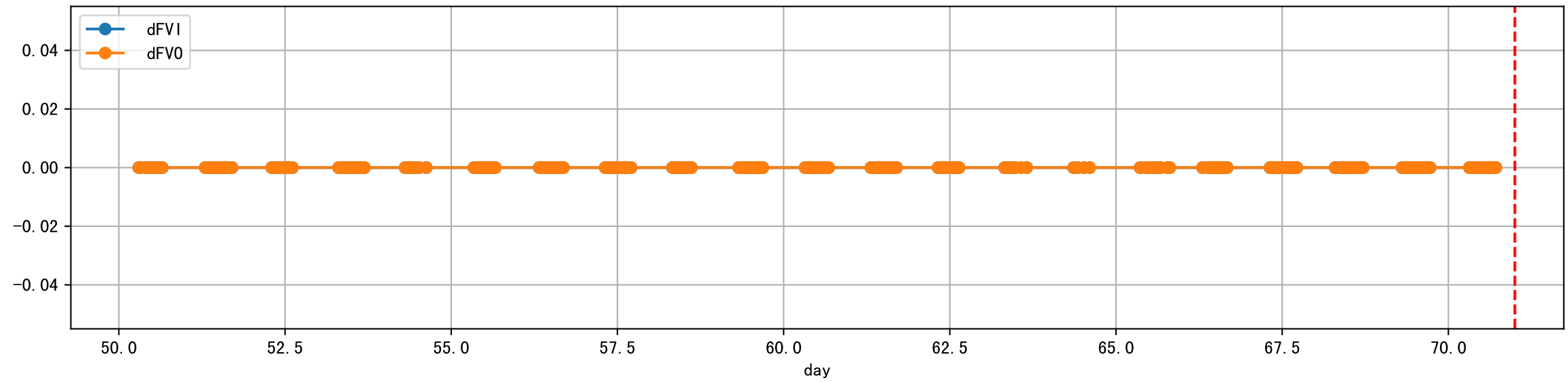

1 (fgArea = NA)
ECI*10%
ECO
4500
4000
3500
3000
2500
2000
1500
1000
0
10
20
30
40
50
60
70
d

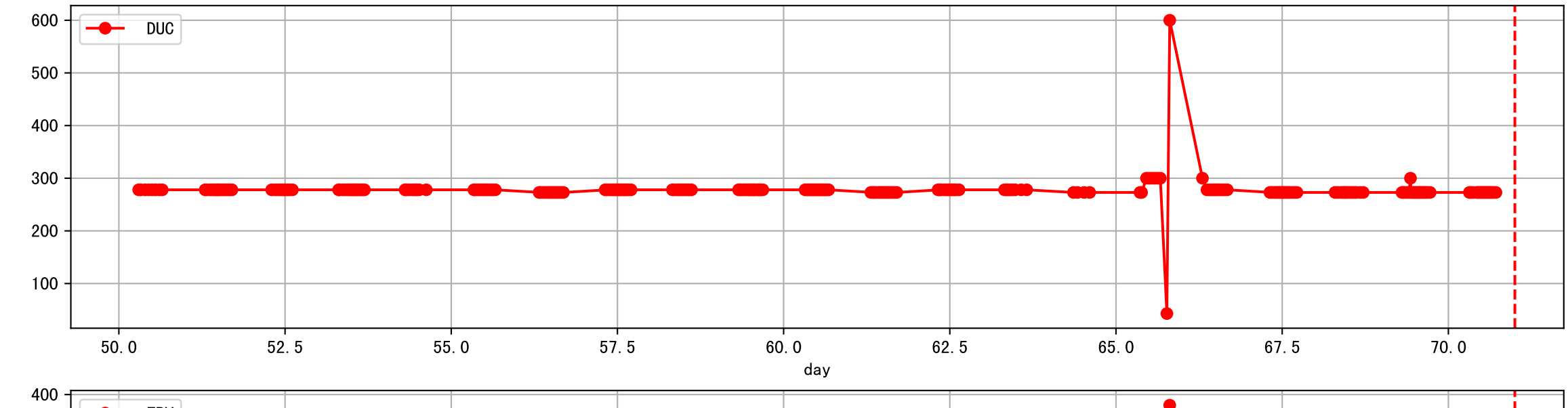

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
10
20
30
40
50
60
70
d

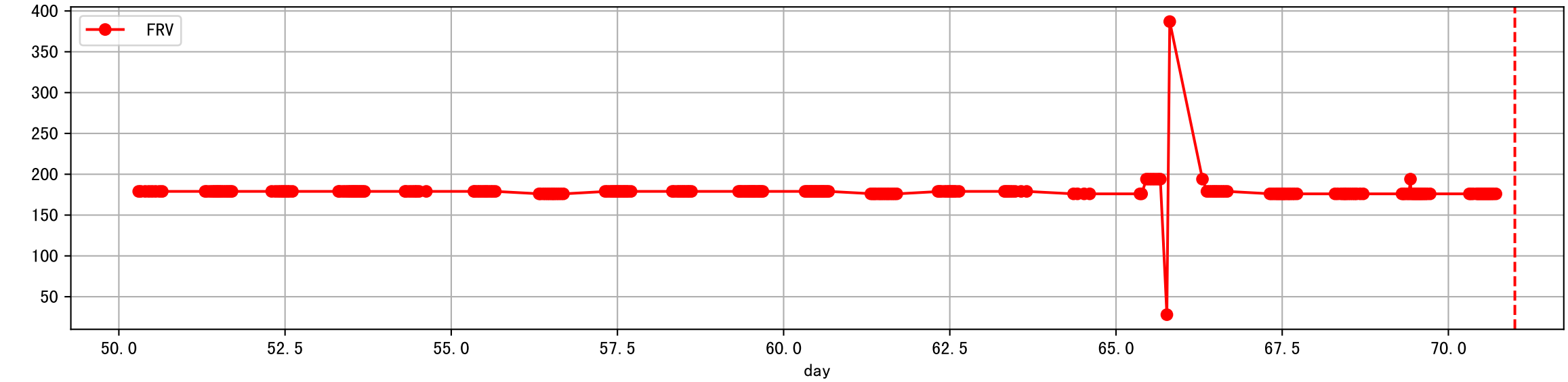

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

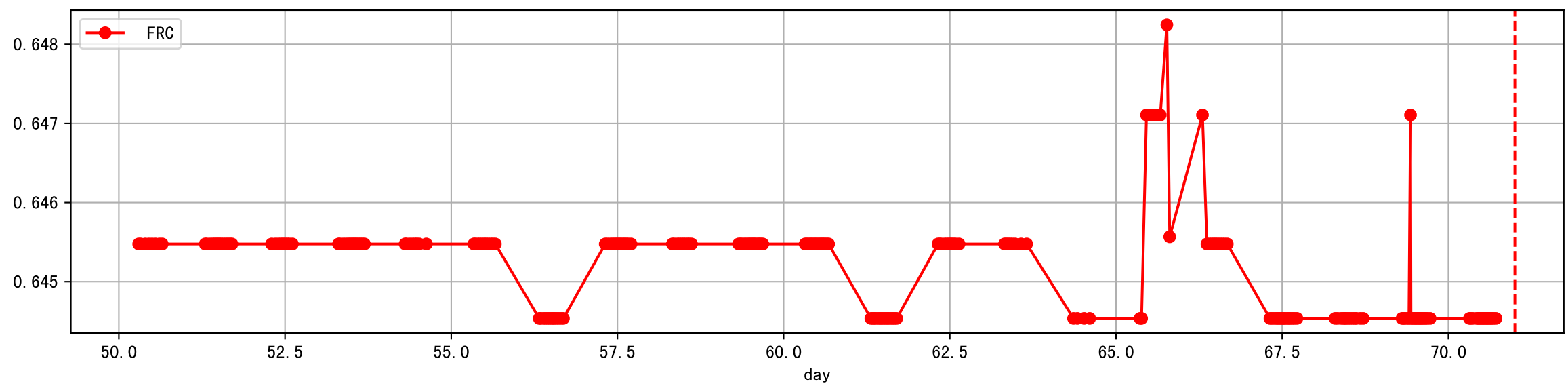

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

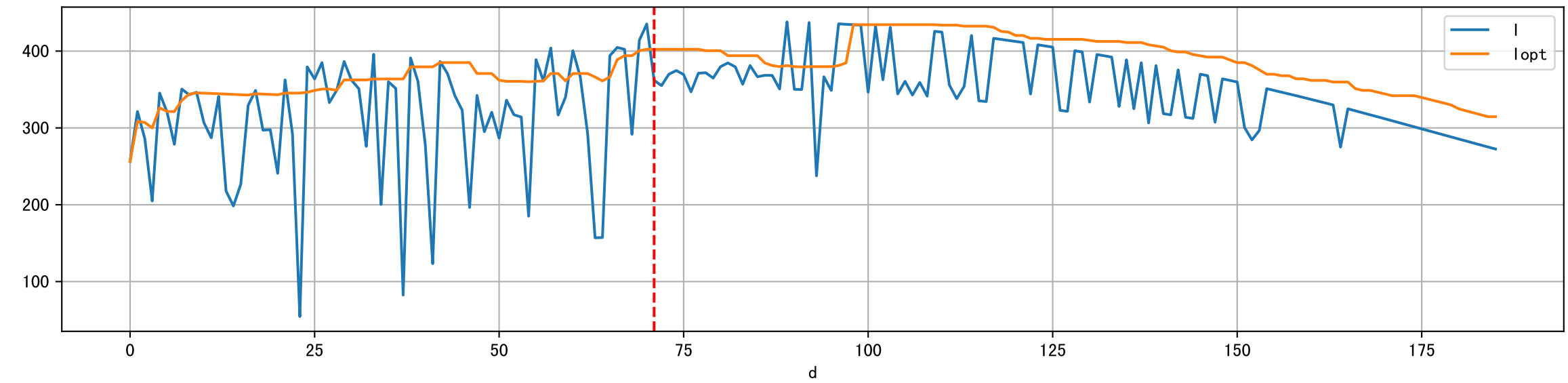


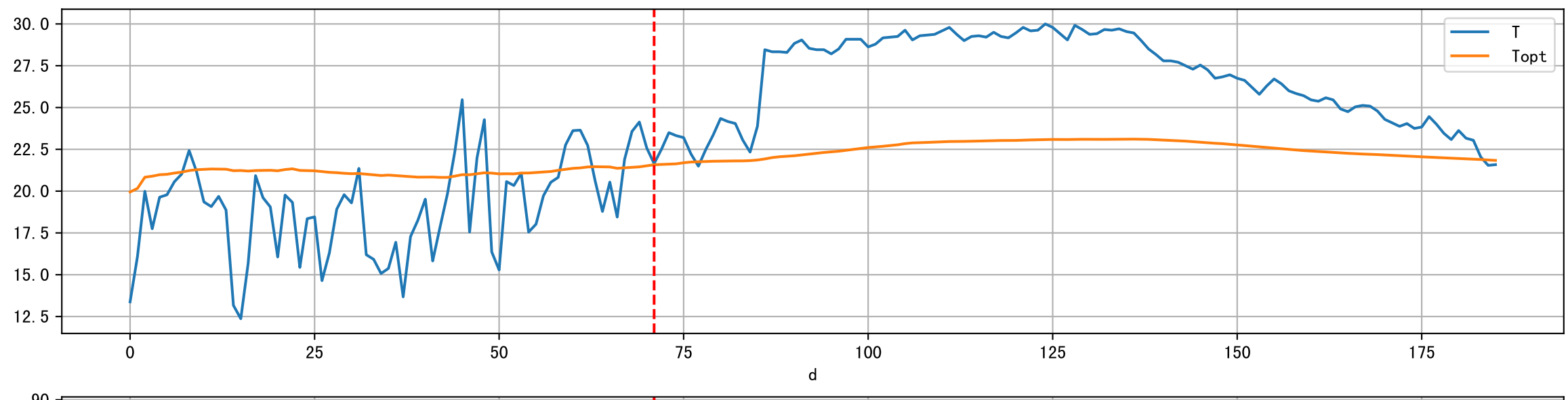


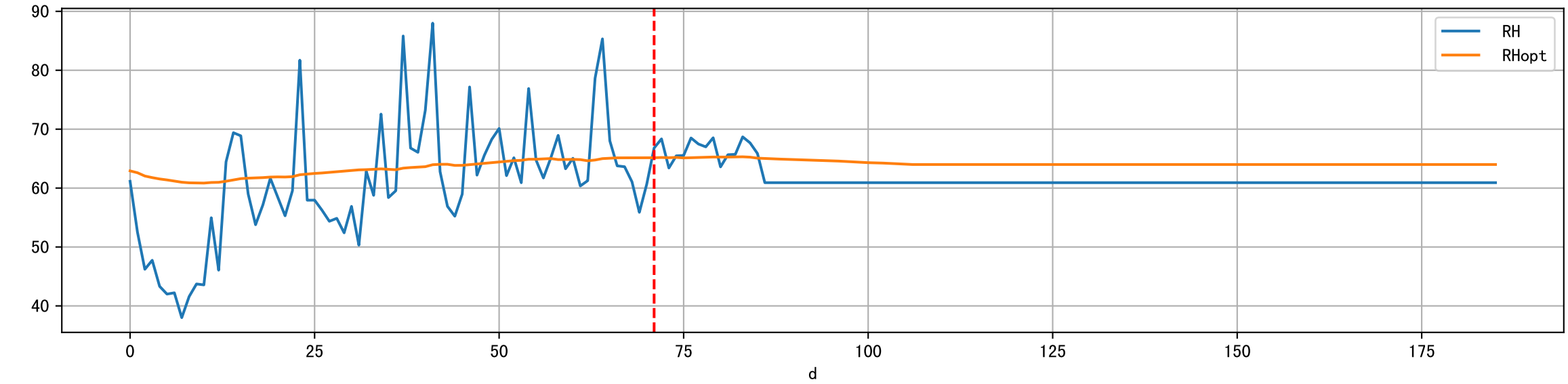


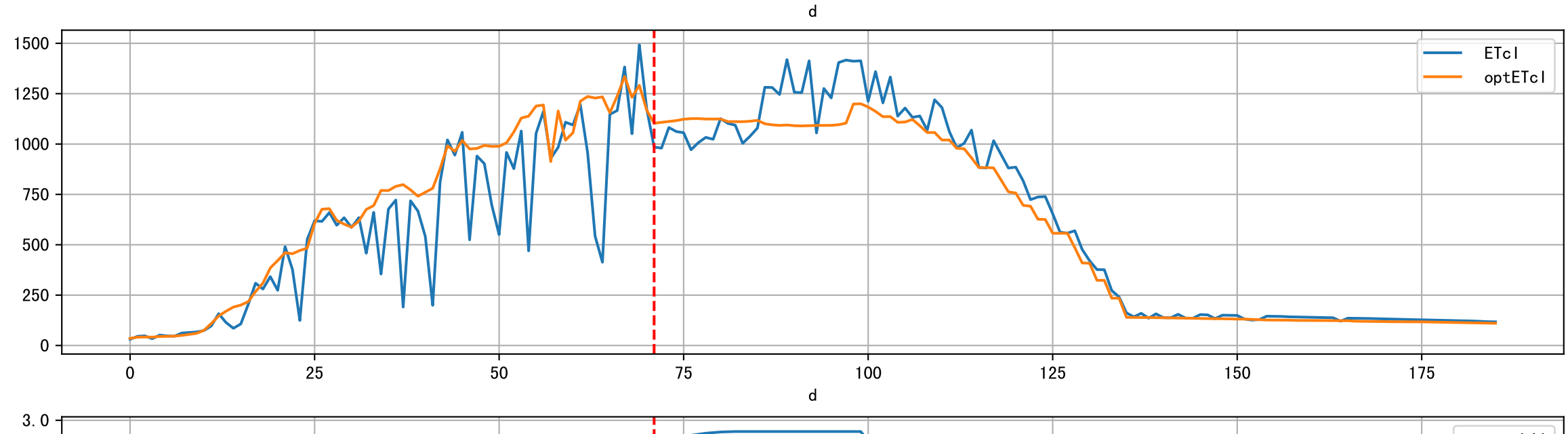


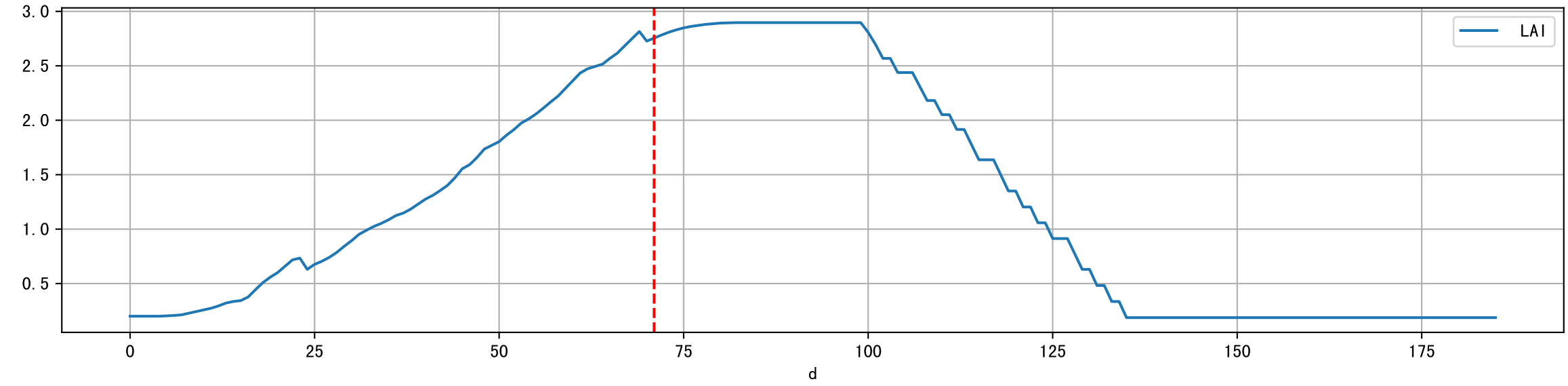
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

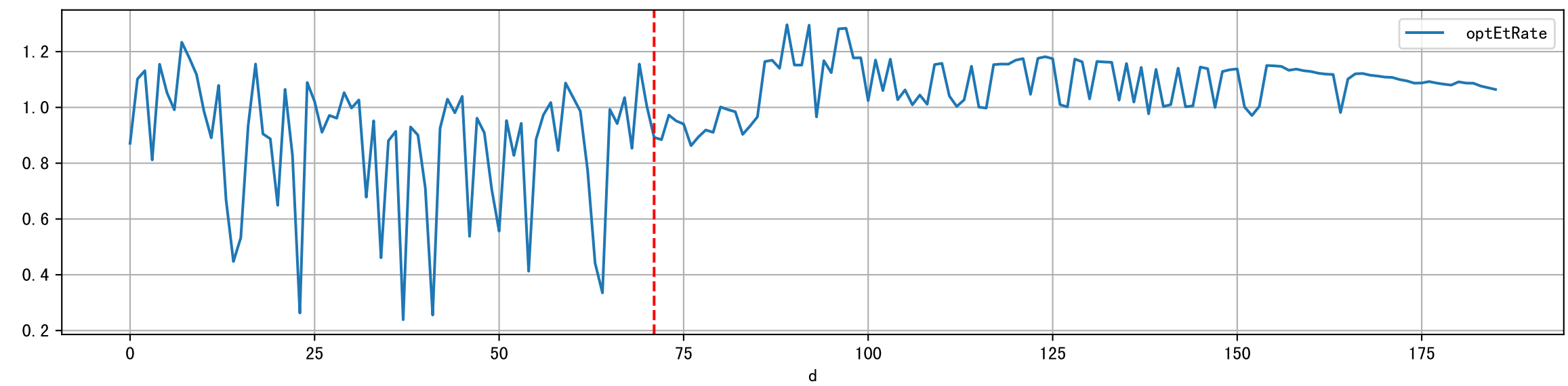


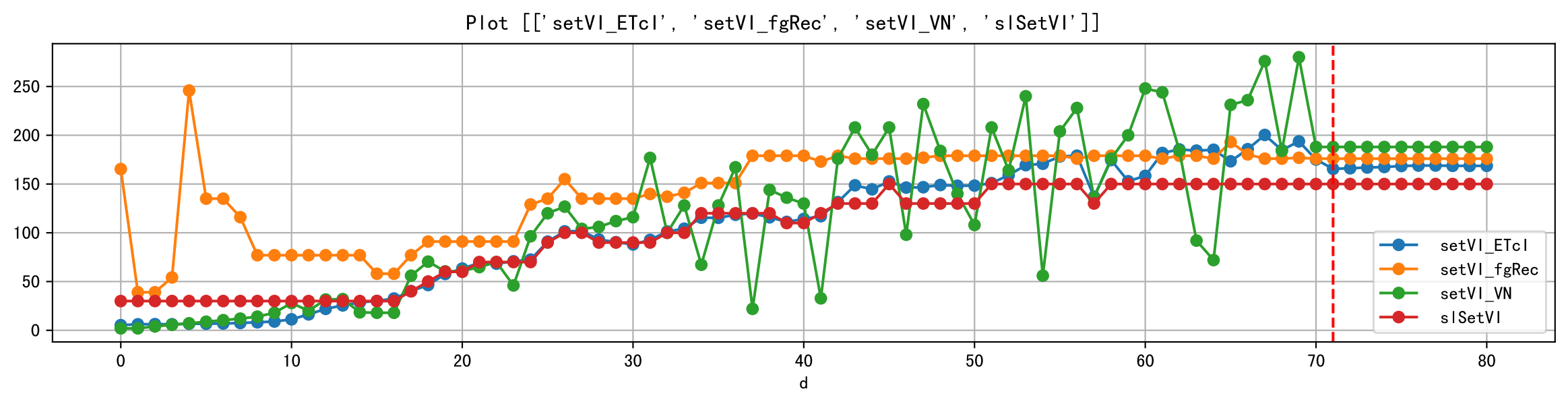


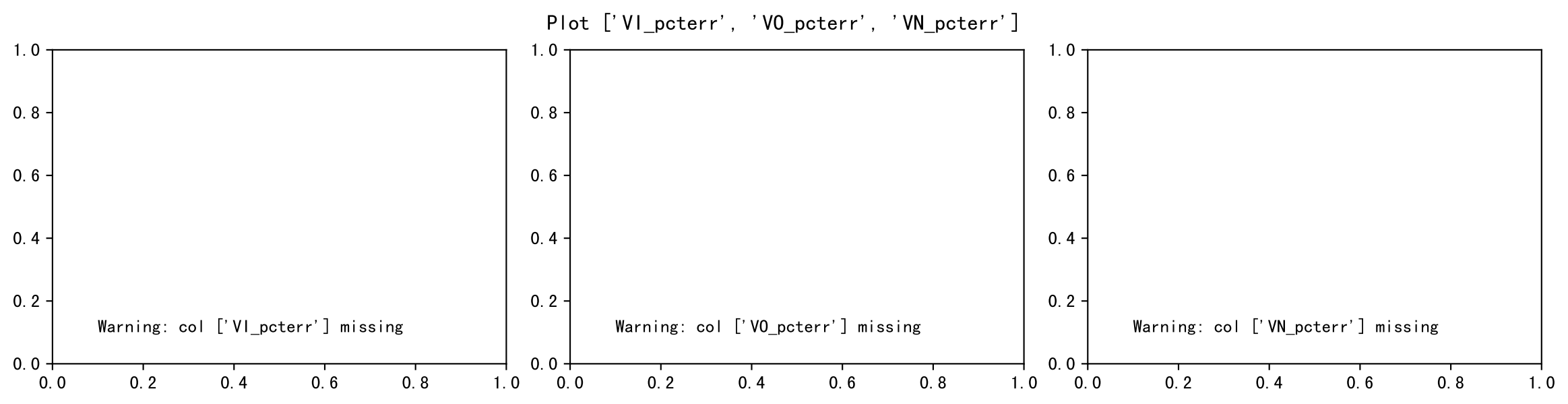


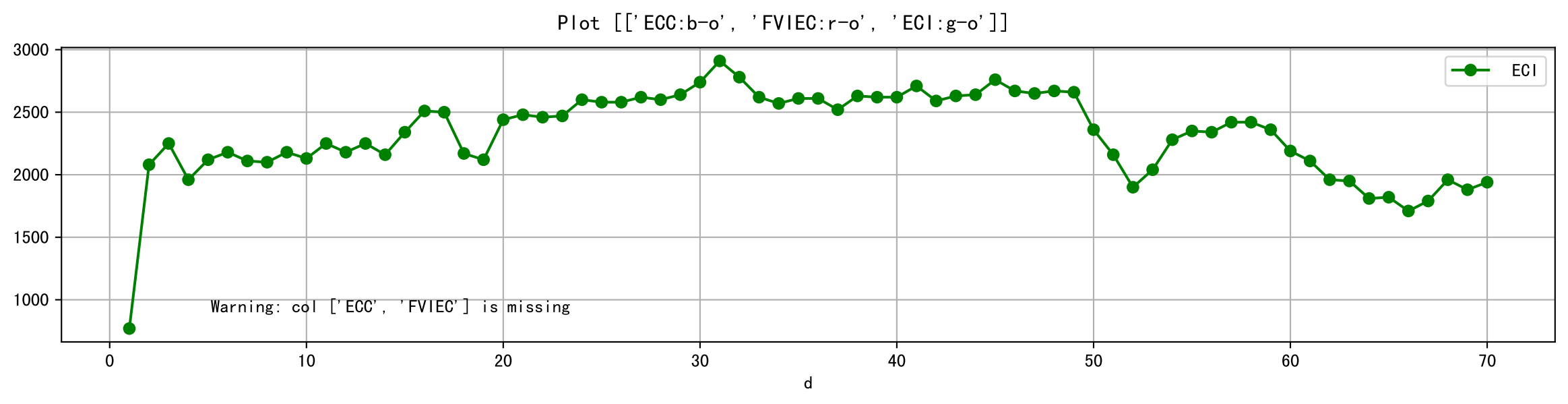


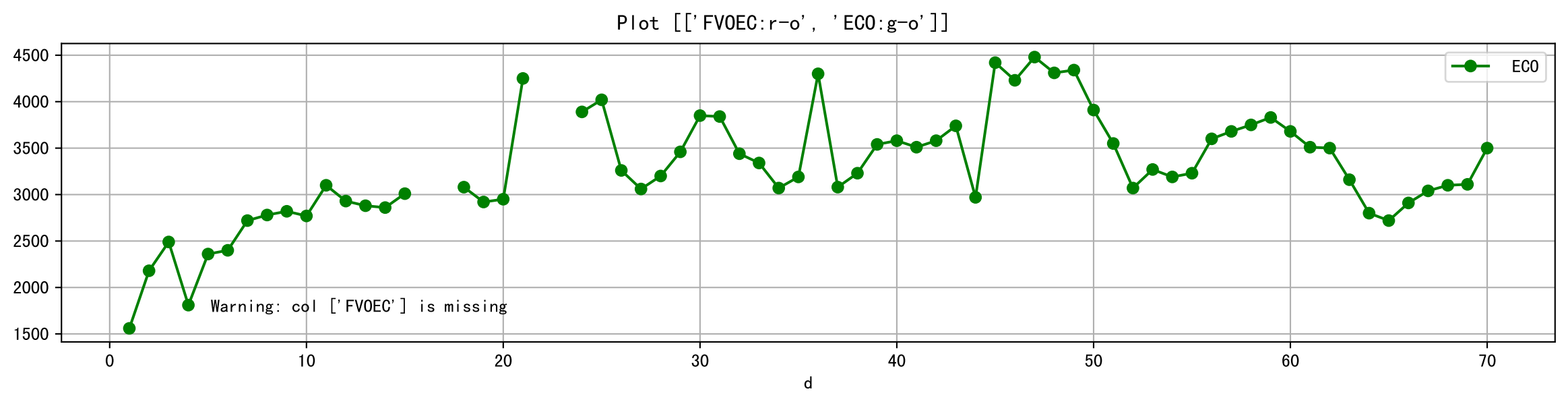


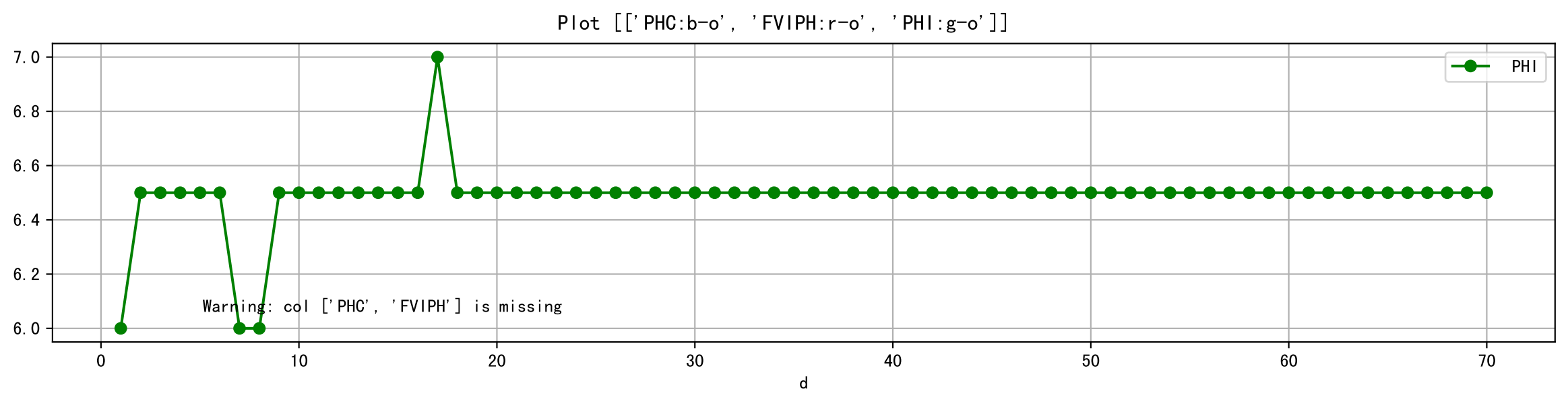


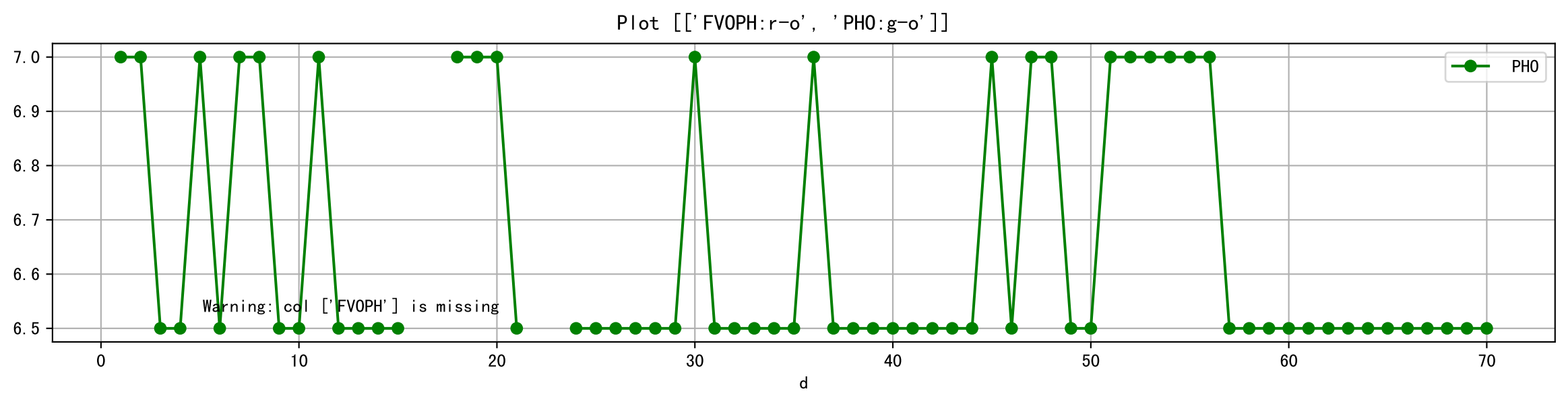

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
d
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI

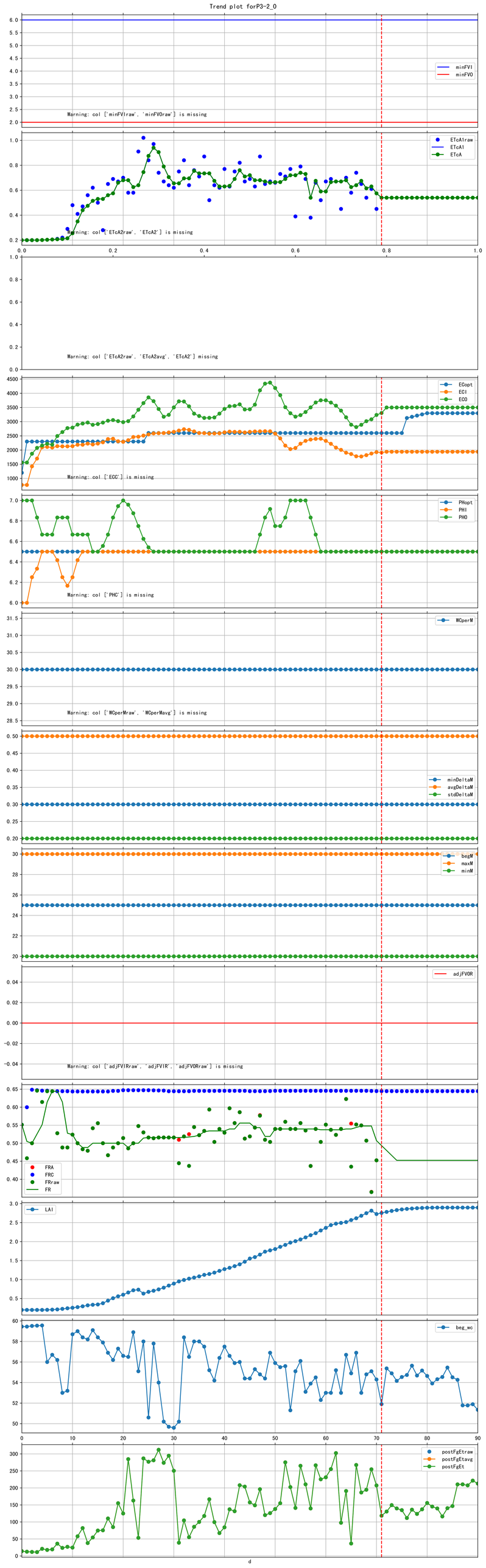

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

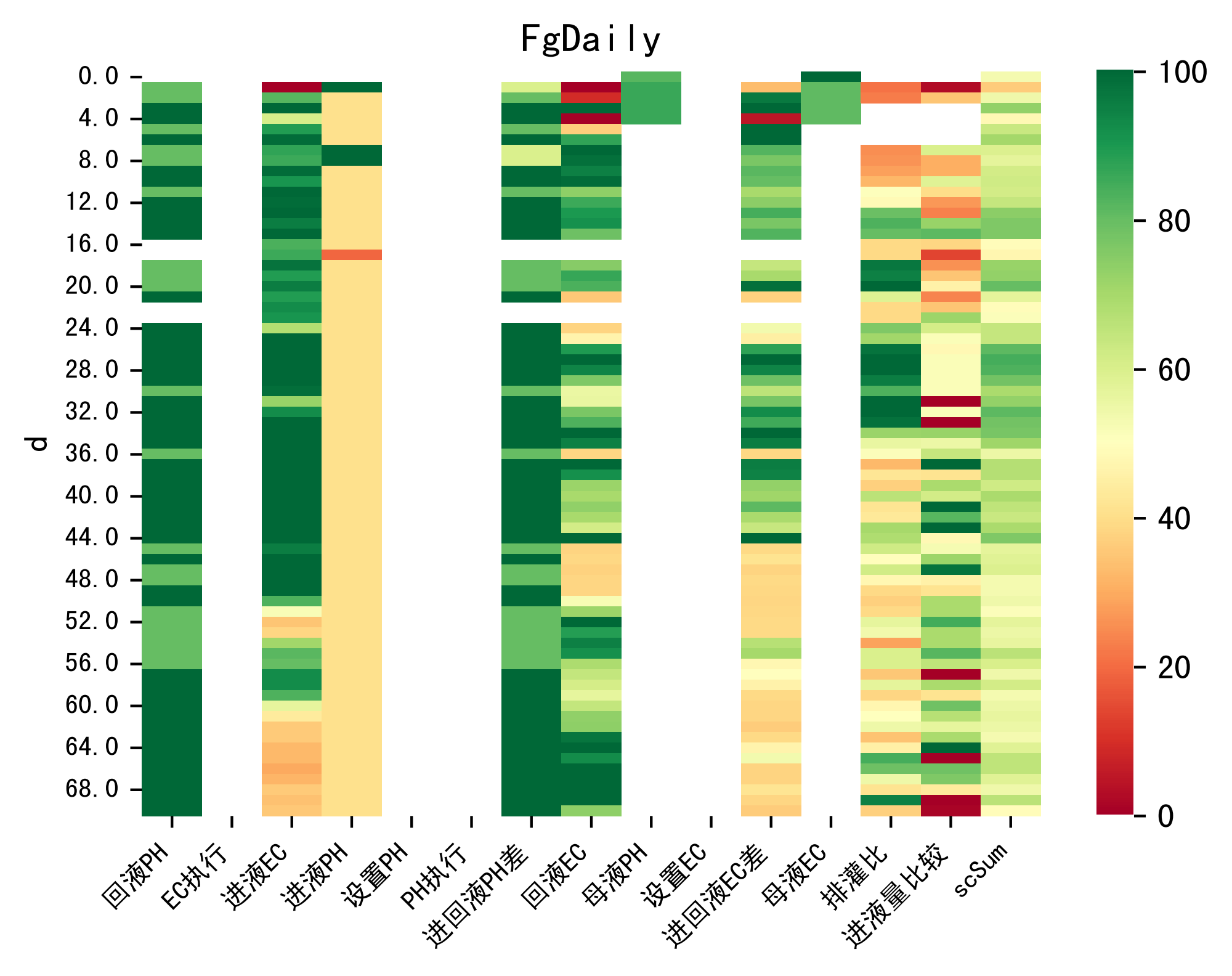

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
3000
2500
2000
1500
1000
0
10
20
30
40
50
60
70
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
4500
4000
3500
3000
2500
2000
1500
0
10
20
30
40
50
60
70
d

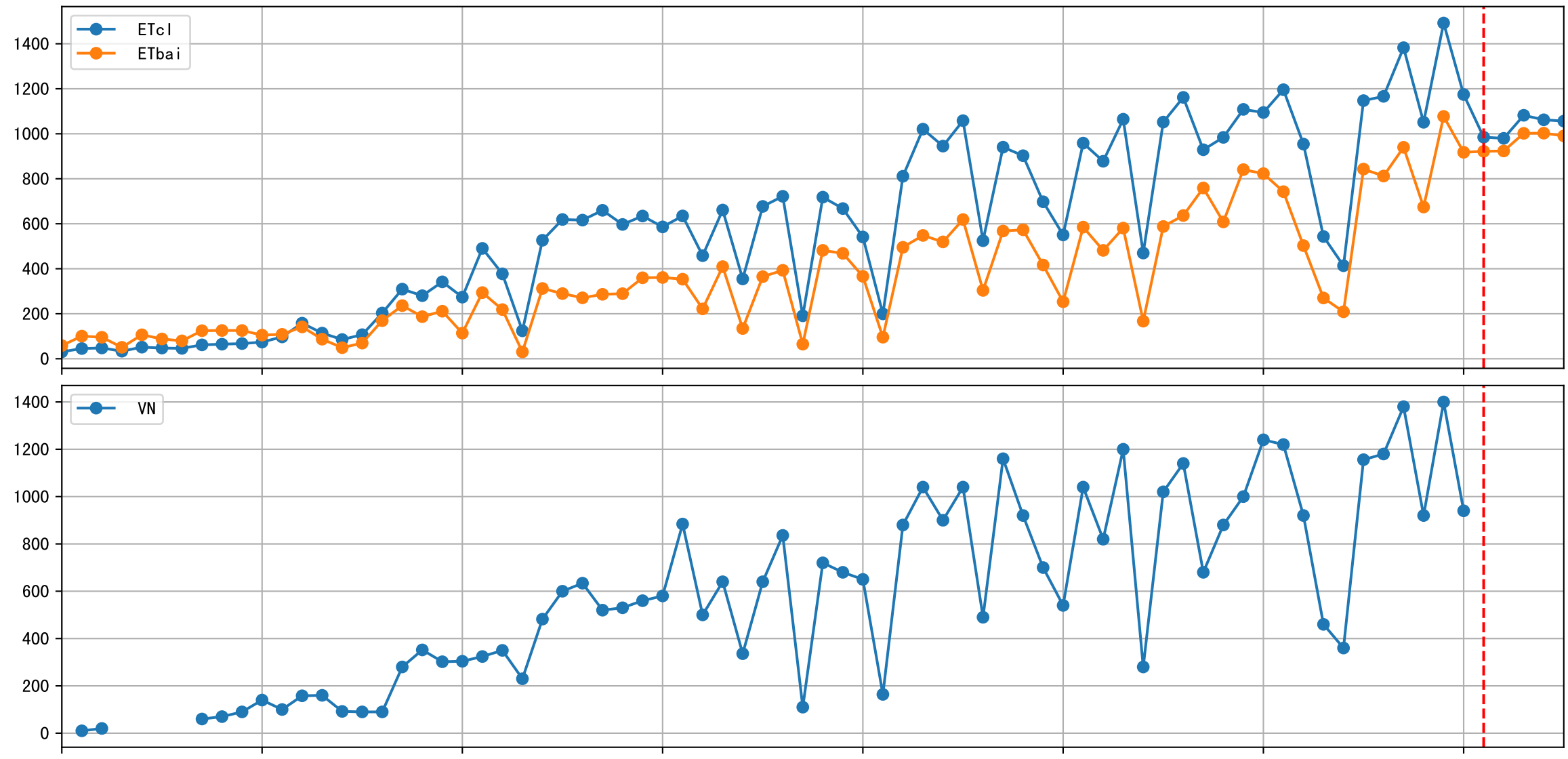

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
10
20
30
40
50
60
70
d

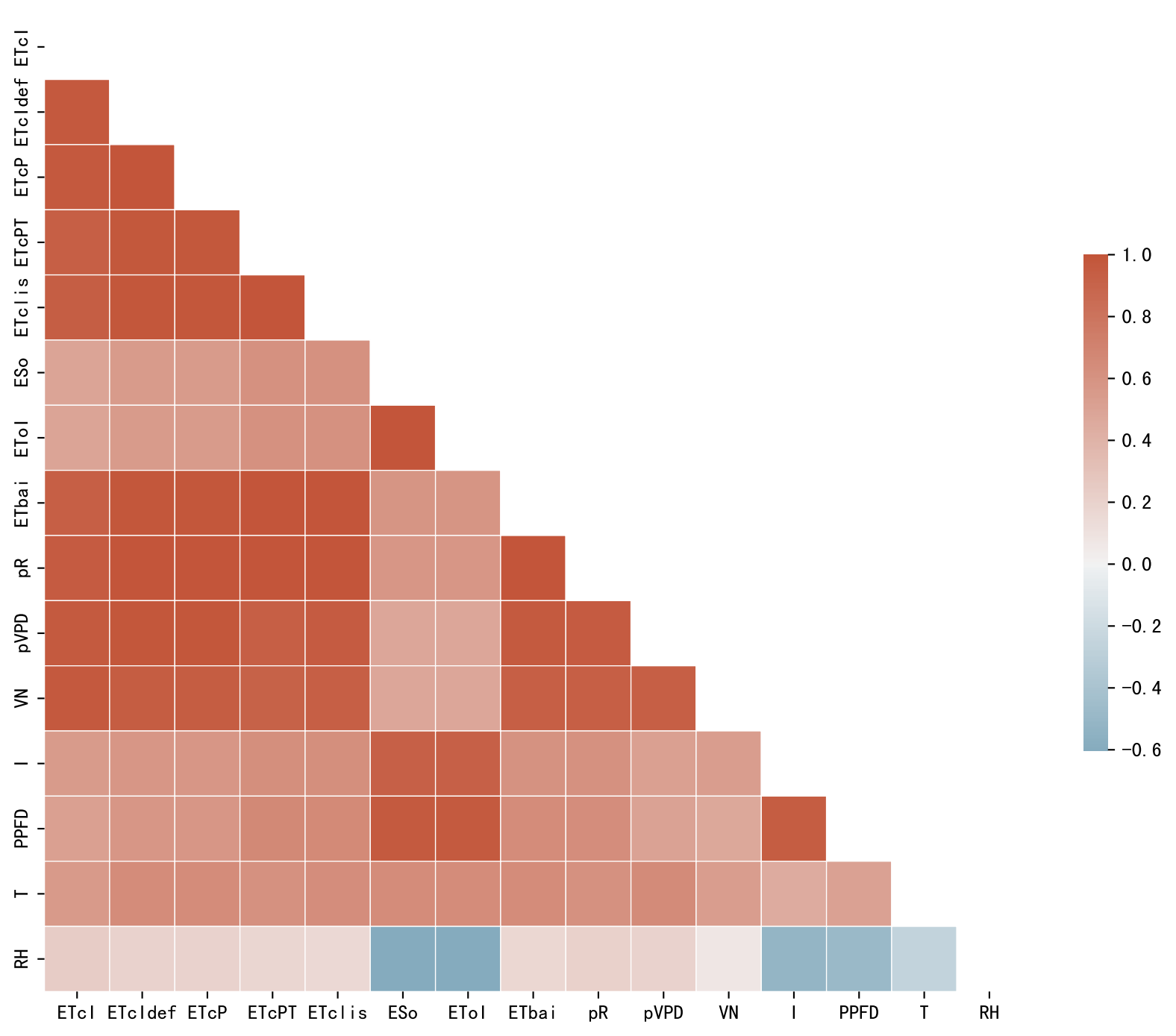

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
10
20
30
40
50
60
70
d

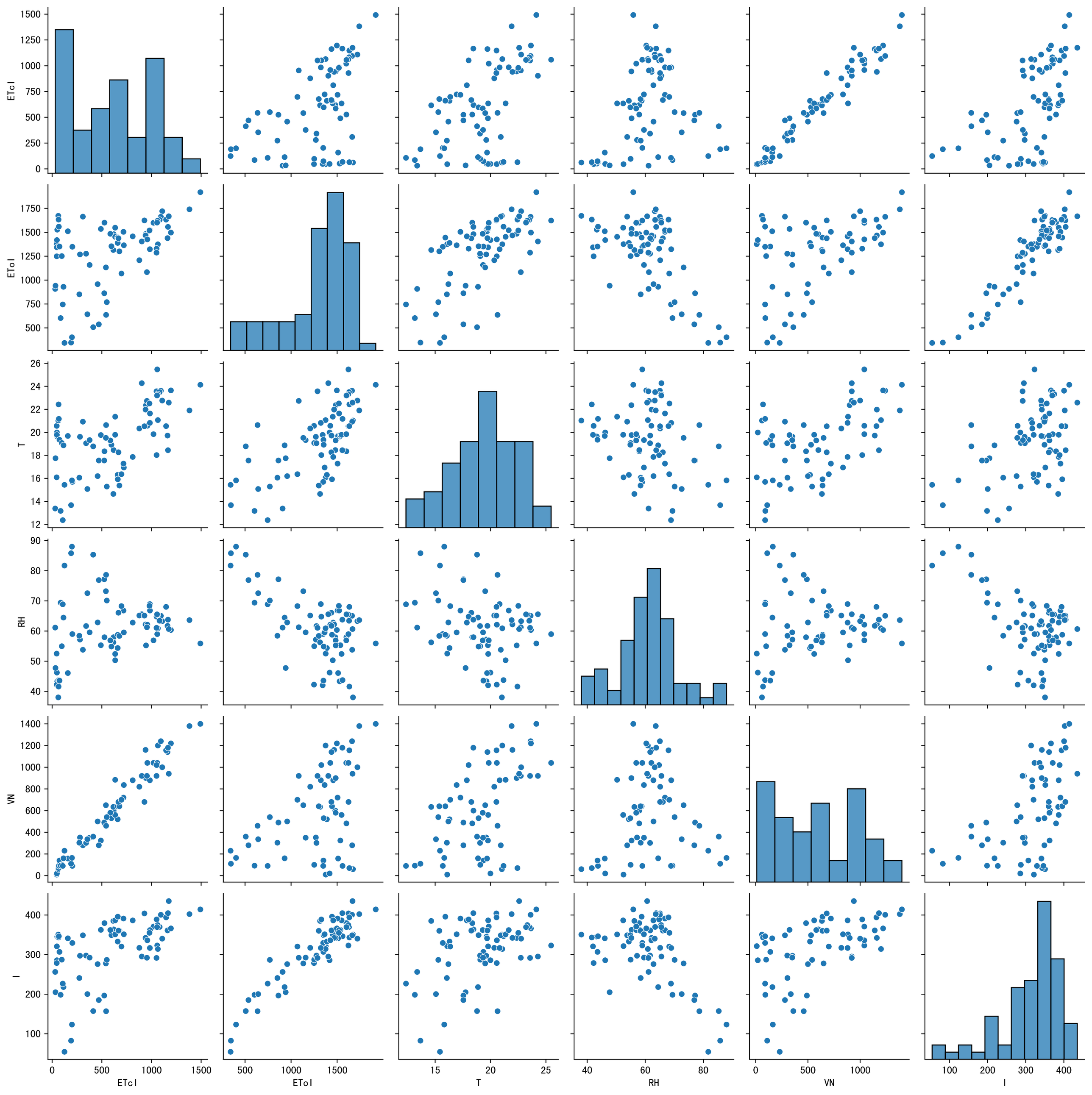

Trend plot forP3-2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECi
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

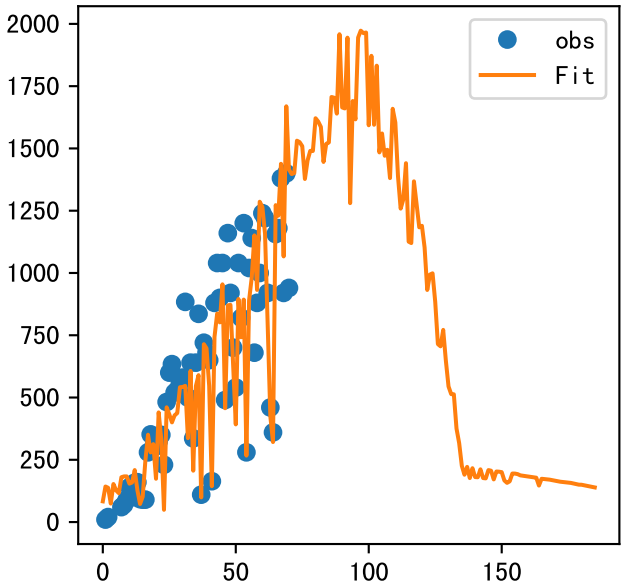

FgDaily
d
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
36.0
40.0
44.0
48.0
52.0
56.0
60.0
64.0
68.0
100
80
60
40
20
0
回液PH
EC执行
进液EC
进液PH
设置PH
PH执行
进回液PH差
回液EC
母液PH
设置EC
进回液EC差
母液EC
排灌比
进液量比较
scSum

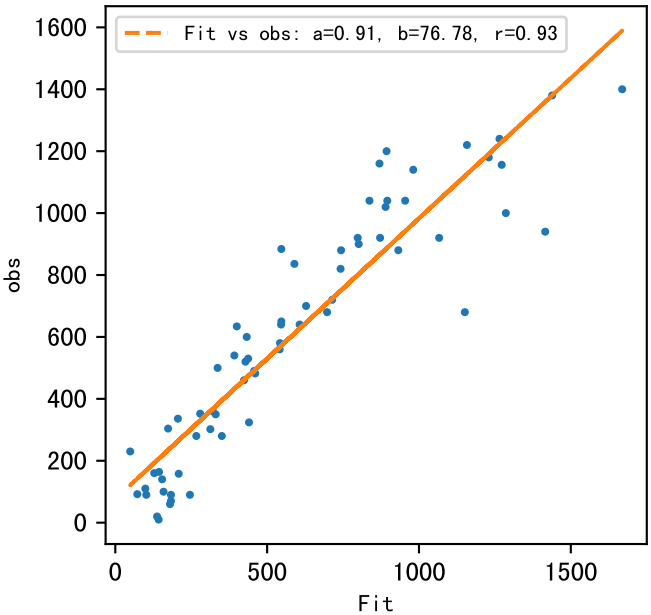
P3-2_0



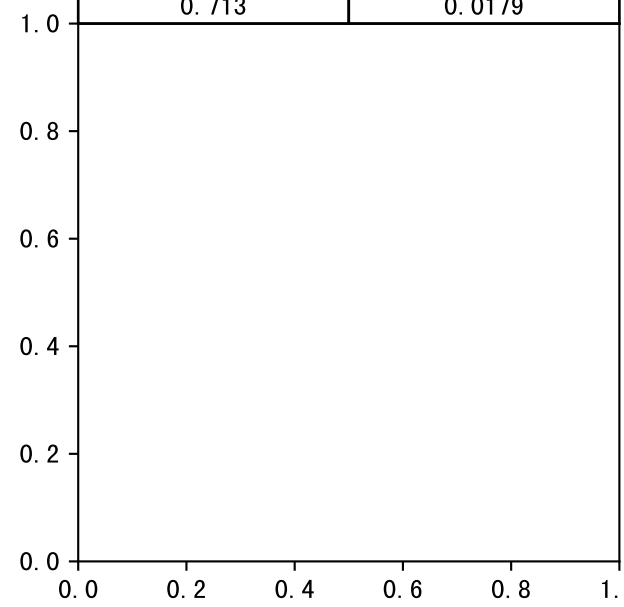

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

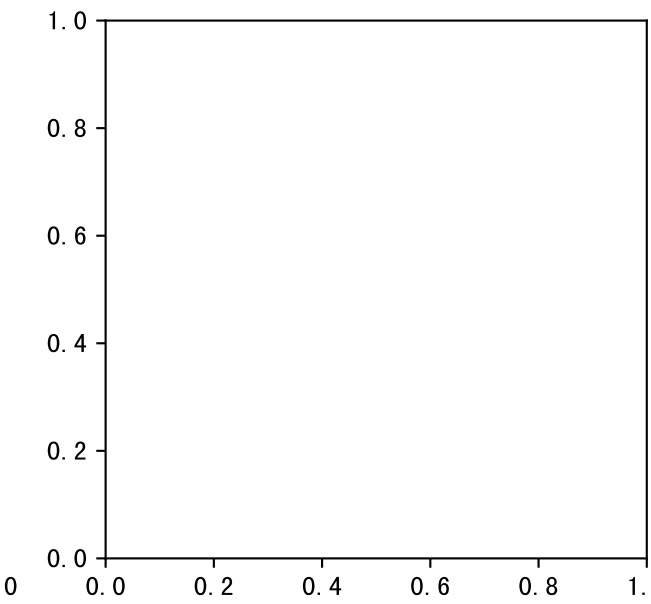

ETcI
ETofI
T
RH
VN
I

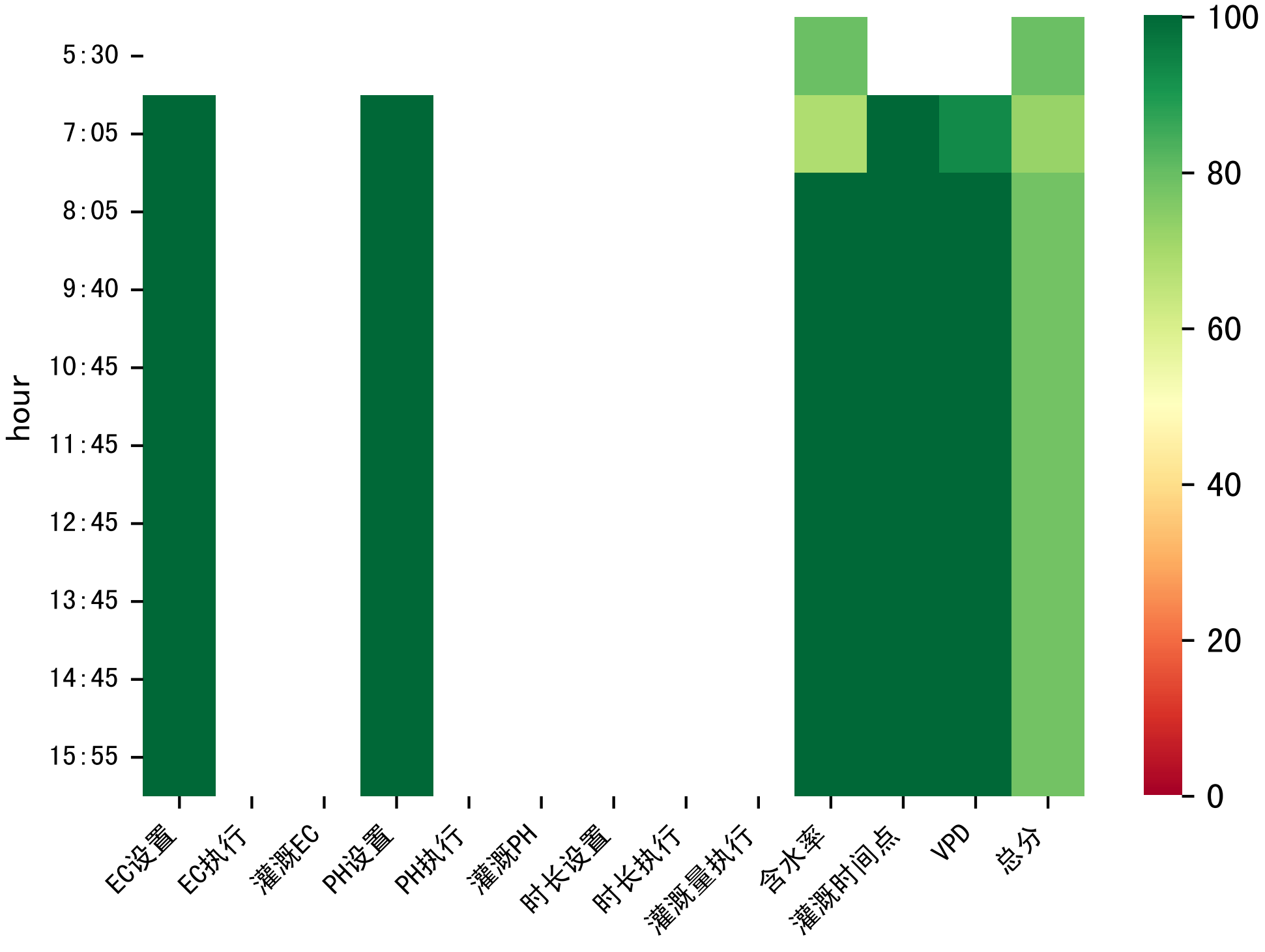




baiA	baiB
0.713	0.0179



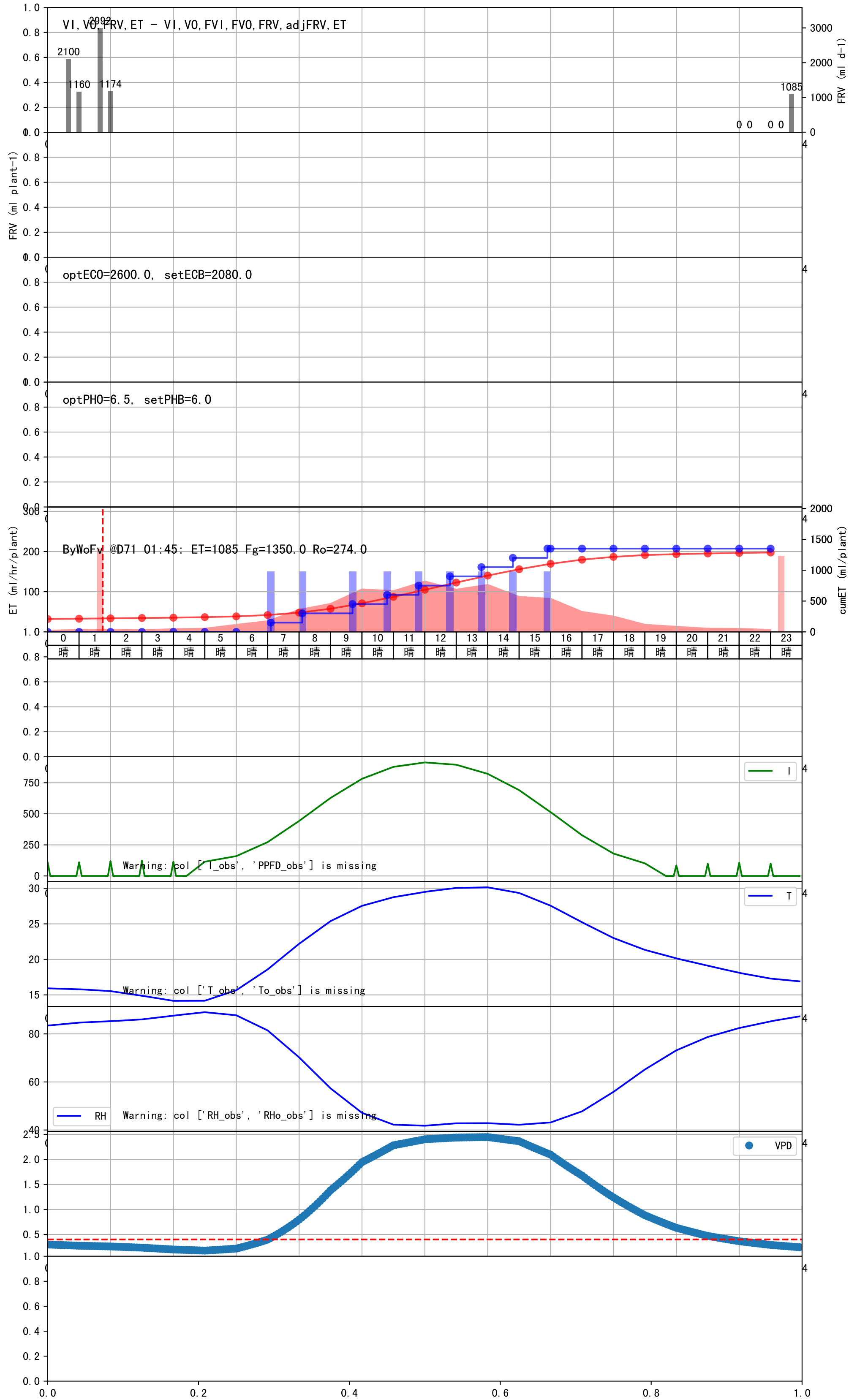


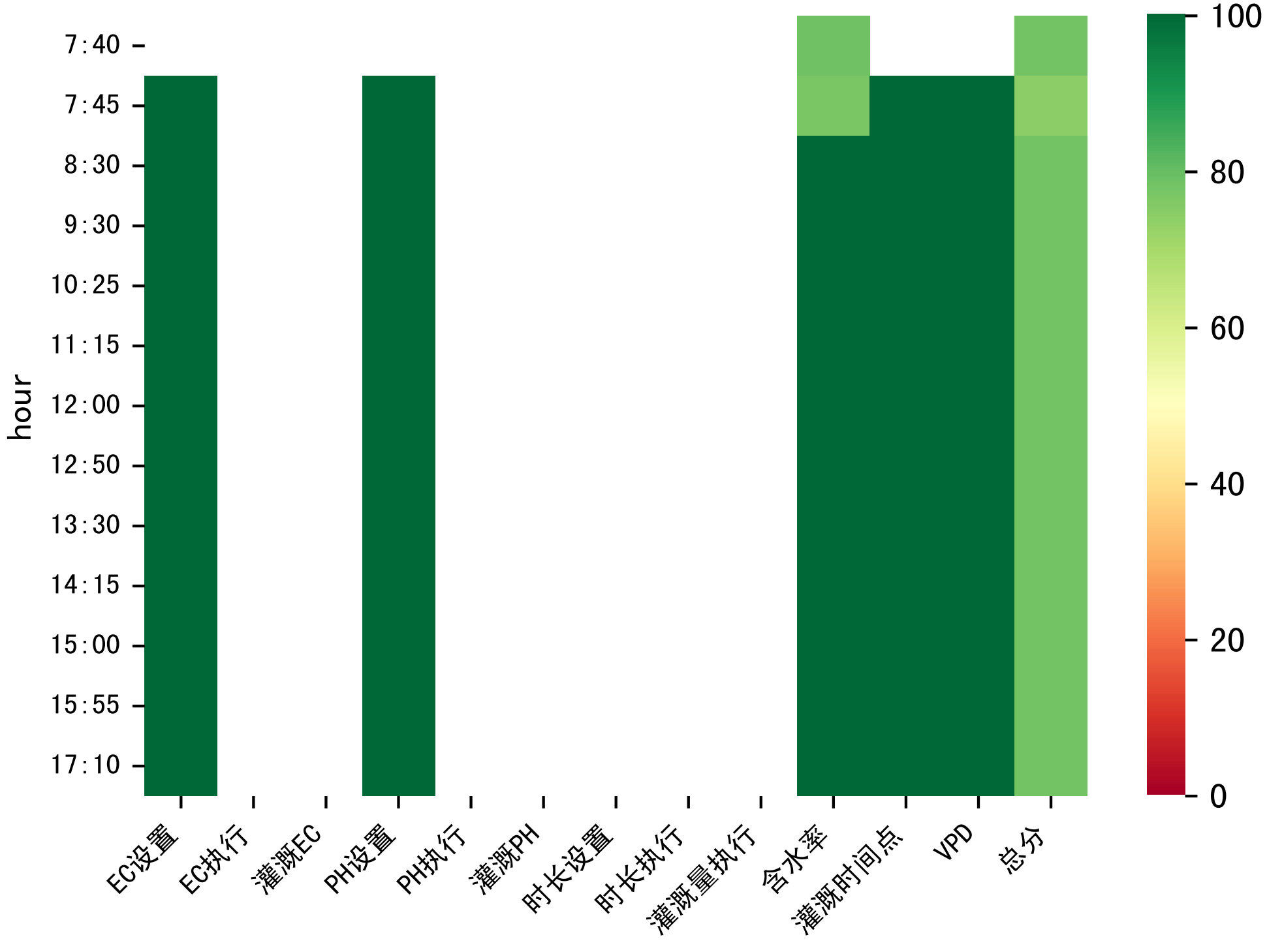

hour
5:30
7:05
8:05
9:40
10:45
11:45
12:45
13:45
14:45
15:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	306	150.0	2.583	晴	预期@07:05 未知程序（未用传感器）
08:05	306	150.0	2.583	晴	预期@08:05 未知程序（未用传感器）
09:40	306	150.0	2.583	晴	预期@09:40 未知程序（未用传感器）
10:45	306	150.0	2.583	晴	预期@10:45 未知程序（未用传感器）
11:45	306	150.0	2.583	晴	预期@11:45 未知程序（未用传感器）
12:45	306	150.0	2.583	晴	预期@12:45 未知程序（未用传感器）
13:45	306	150.0	2.583	晴	预期@13:45 未知程序（未用传感器）
14:45	306	150.0	2.583	晴	预期@14:45 未知程序（未用传感器）
15:55	306	150.0	2.583	晴	预期@15:55 未知程序（未用传感器）
总计	2754.0 (9次)	1350.0			建议进液EC：2080.0， PH：6.0

进回液EC差(1927.0 vs 3237.0)过高

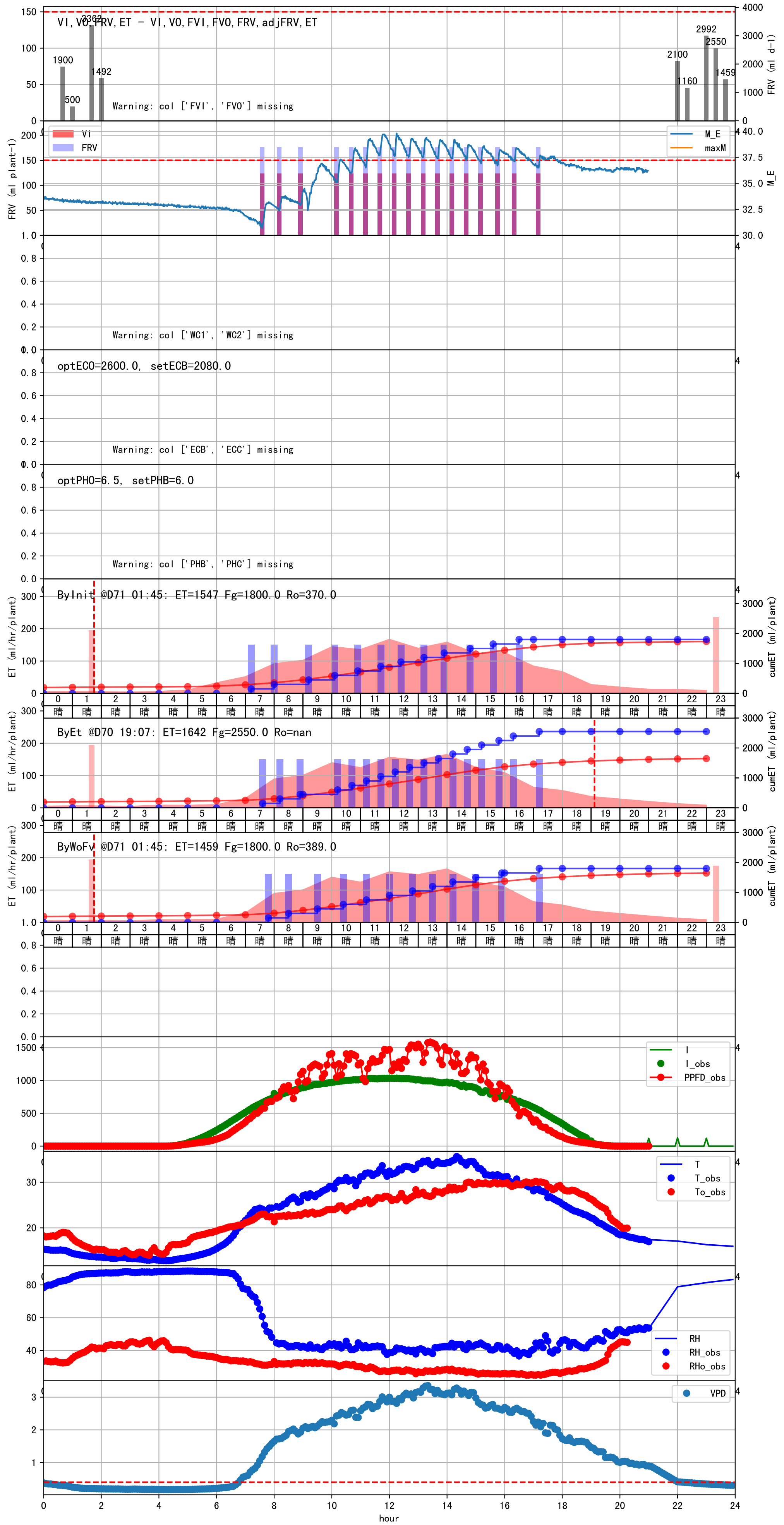
P3-2_0, Day=71 (2025-06-08)

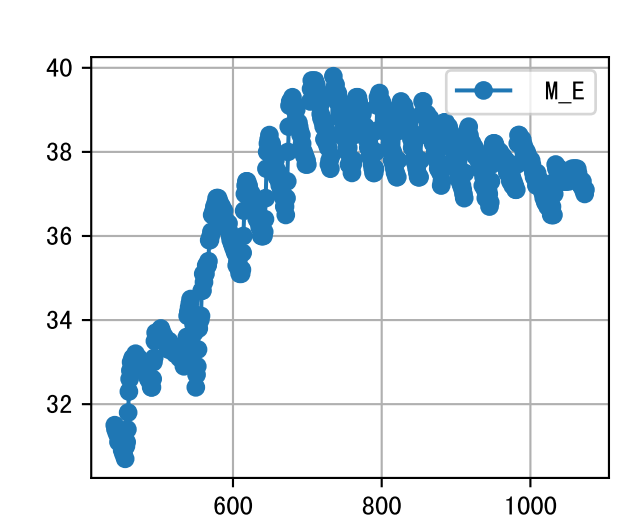


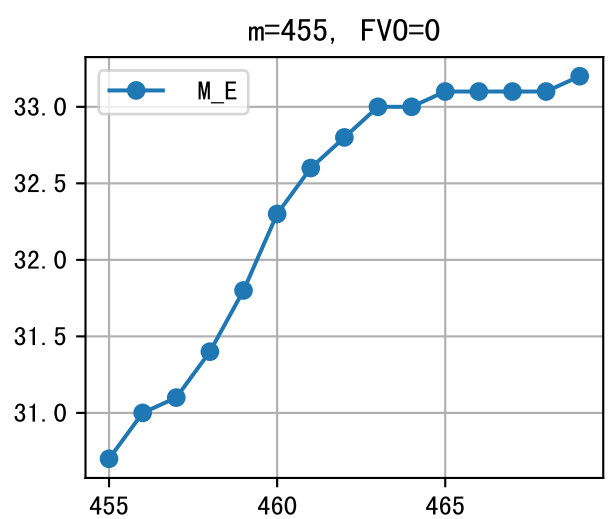

hour
7:40
7:45
8:30
9:30
10:25
11:15
12:00
12:50
13:30
14:15
15:00
15:55
17:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:45	273	150.0	2.583	晴	假设@07:45 自动（未用传感器）
08:30	273	150.0	2.583	晴	假设@08:30 自动（未用传感器）
09:30	273	150.0	2.583	晴	假设@09:30 自动（未用传感器）
10:25	273	150.0	2.583	晴	假设@10:25 自动（未用传感器）
11:15	273	150.0	2.583	晴	假设@11:15 自动（未用传感器）
12:00	273	150.0	2.583	晴	假设@12:00 自动（未用传感器）
12:50	273	150.0	2.583	晴	假设@12:50 自动（未用传感器）
13:30	273	150.0	2.583	晴	假设@13:30 自动（未用传感器）
14:15	273	150.0	2.583	晴	假设@14:15 自动（未用传感器）
15:00	273	150.0	2.583	晴	假设@15:00 自动（未用传感器）
15:55	273	150.0	2.583	晴	假设@15:55 自动（未用传感器）
17:10	273	150.0	2.583	晴	待执行@17:10 自动（未用传感器）
总计	3276.0 (12次)	1800.0			建议进液EC：2080.0， PH：6.0

P3-2_0, Day=70 (2025-06-07)




M_E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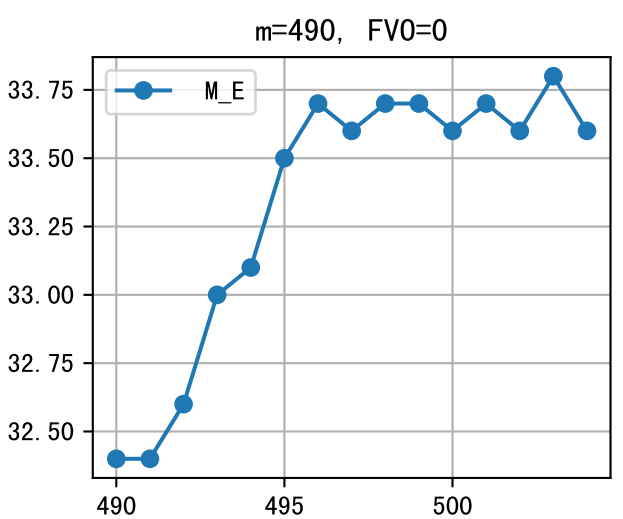
M_E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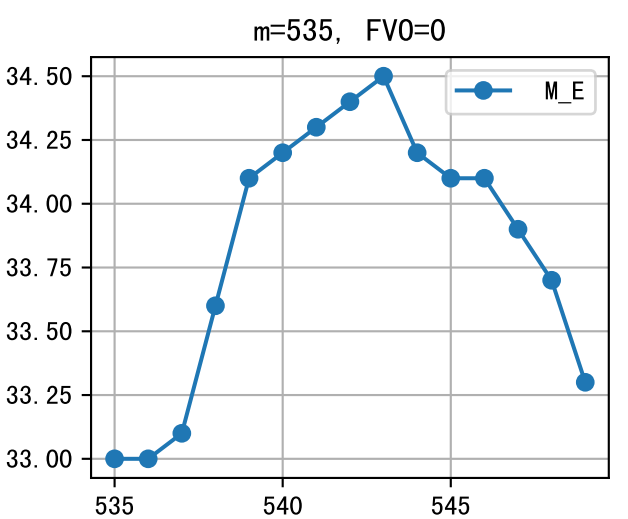
M_E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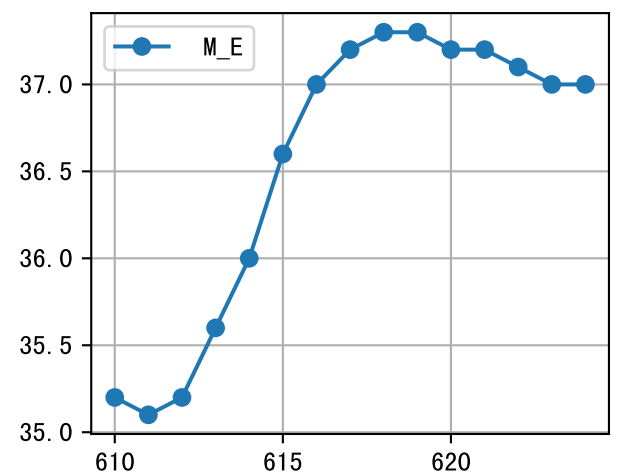
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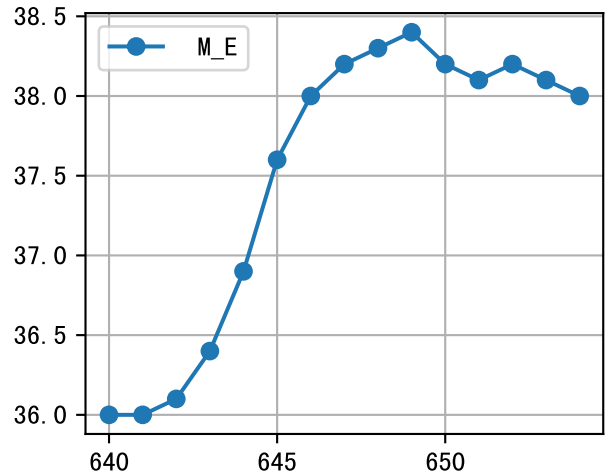
M_E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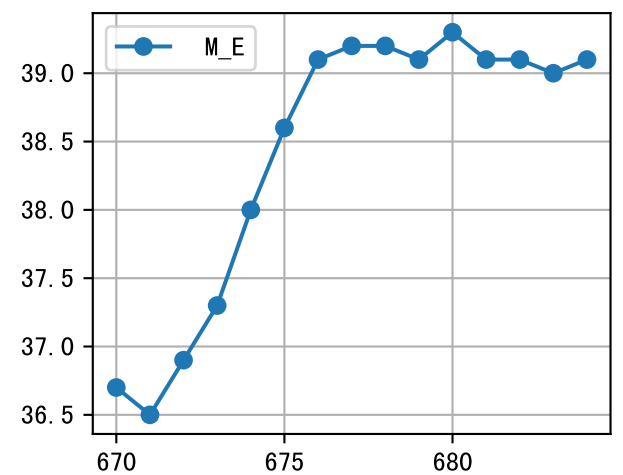
M_E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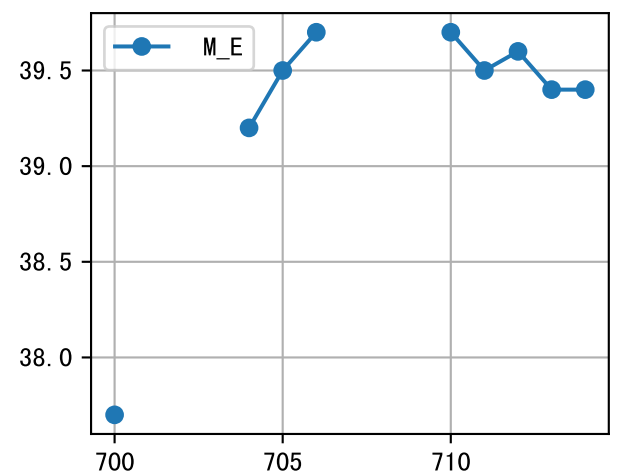
M_E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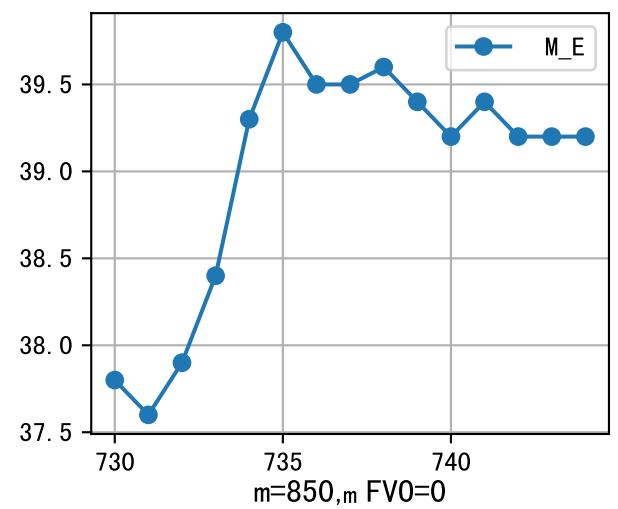
M_E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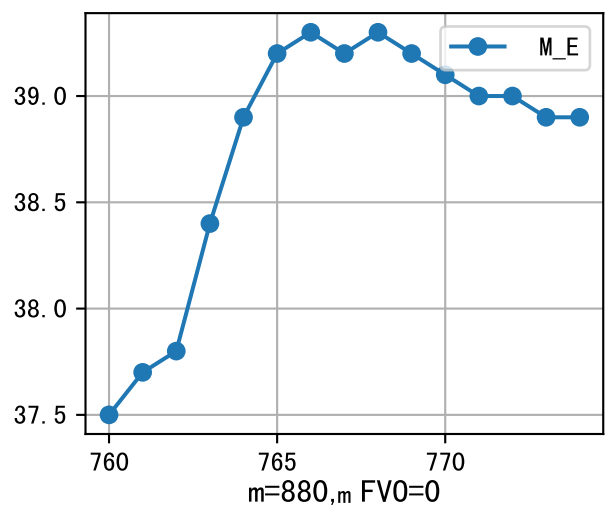
M_E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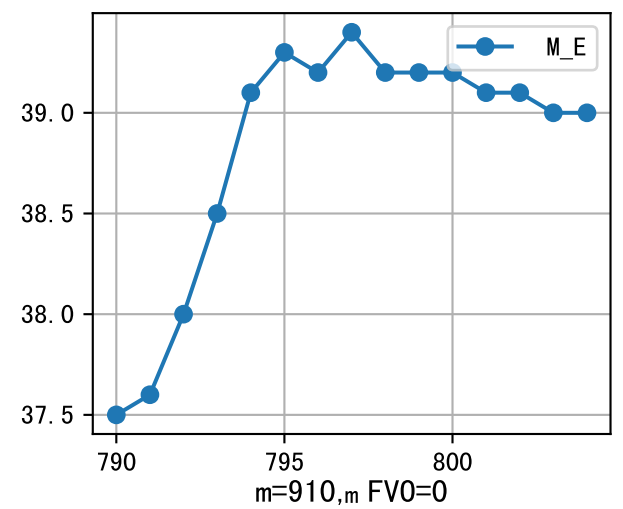
M_E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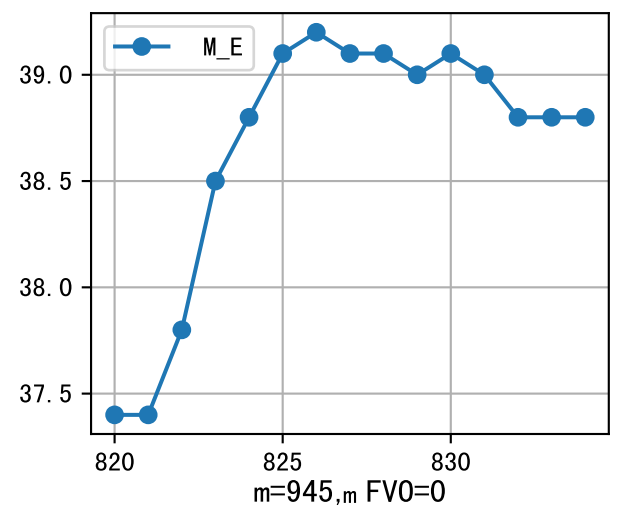
M_E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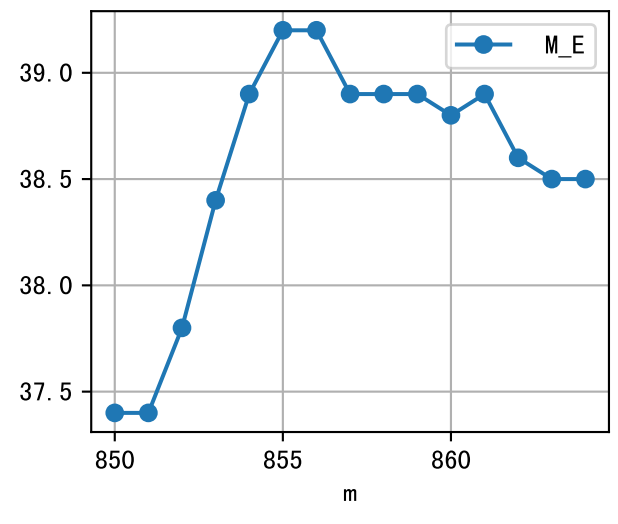
M_E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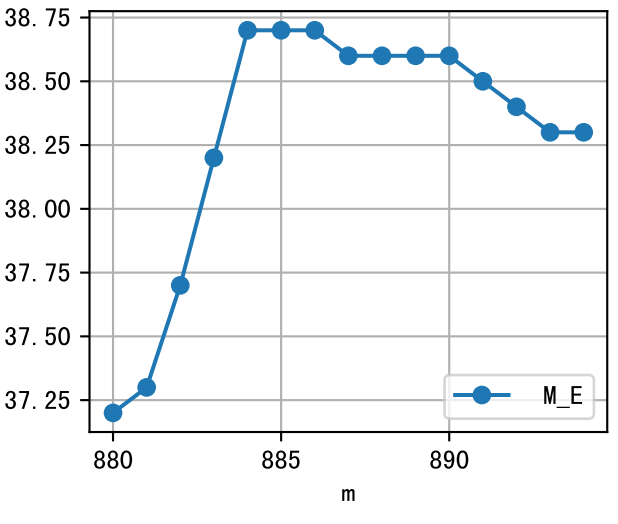
M_E
m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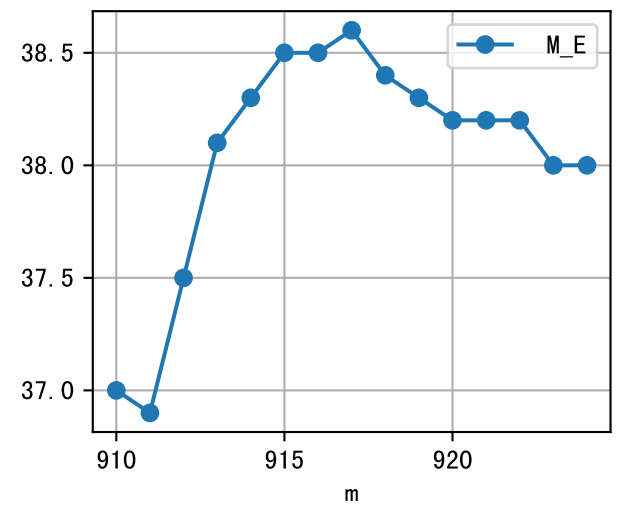
m=910,m FV0=0
M_E
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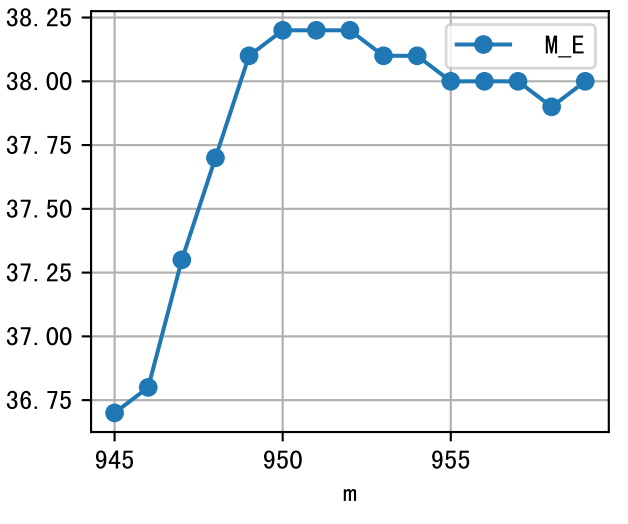
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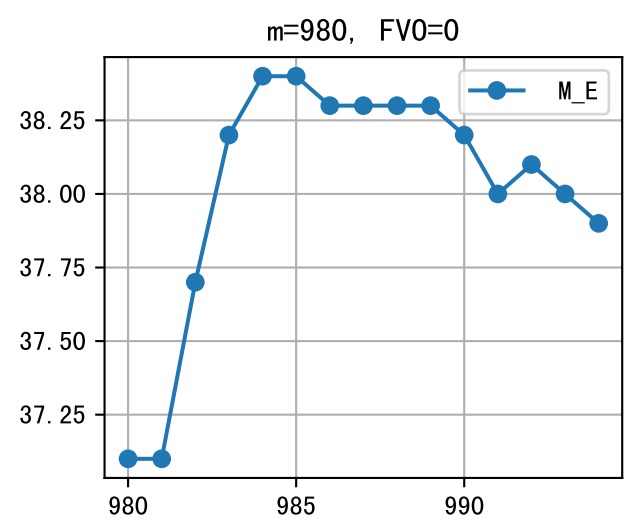
M_E
m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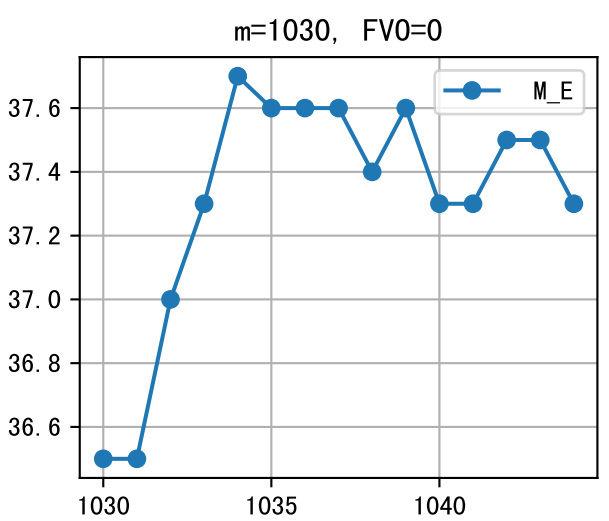
38.25
38.00
37.75
37.50
37.25
980
985
990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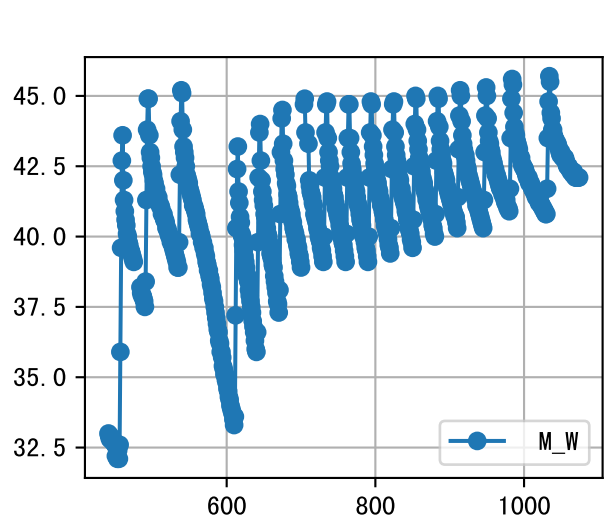
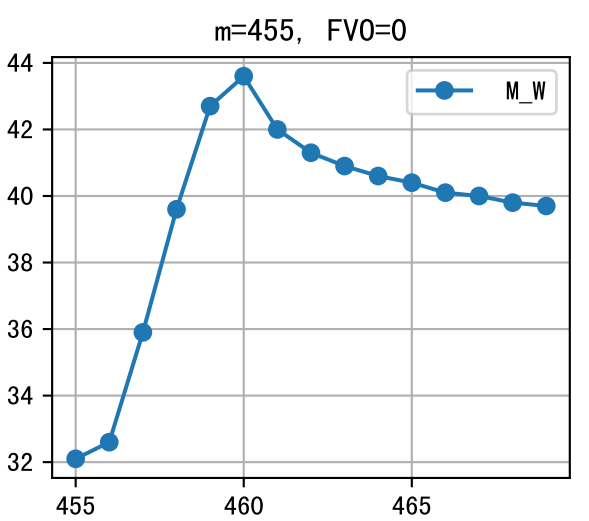
37.4
37.2
37.0
36.8
36.6
1030
1035
1040


45.0
42.5
40.0
37.5
35.0
32.5
M_W
600
800
1000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M_W
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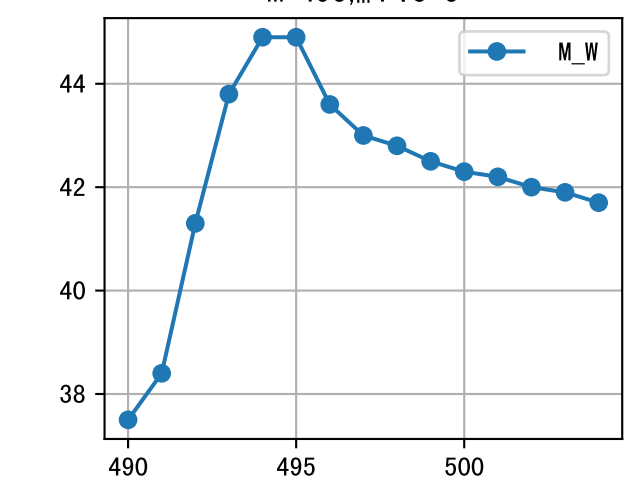
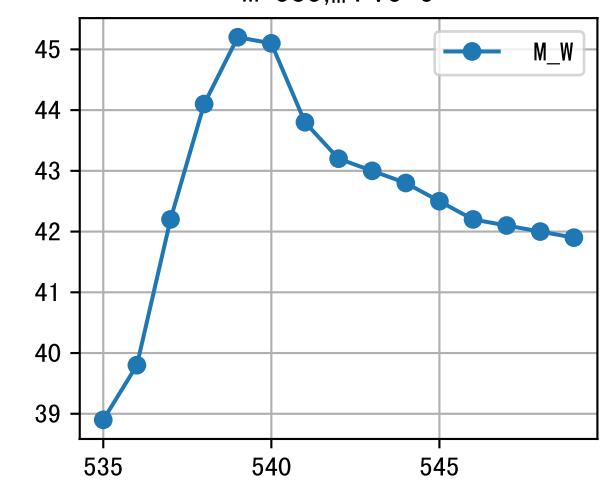
42
40
38
36
34
32
455
460
465


m=490,m FV0=0
M_W
44
42
40
38
490
495
500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M_W
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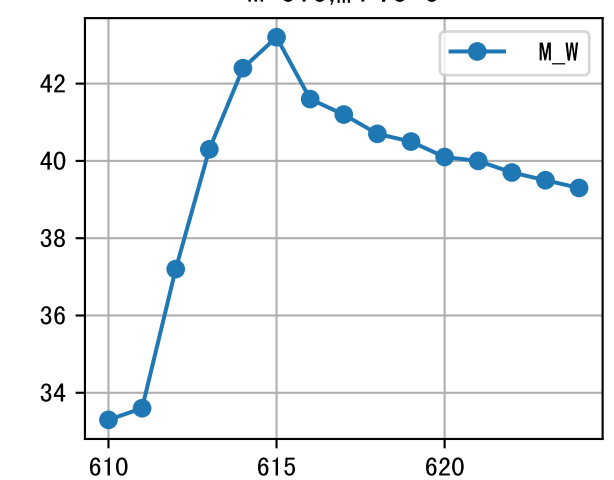
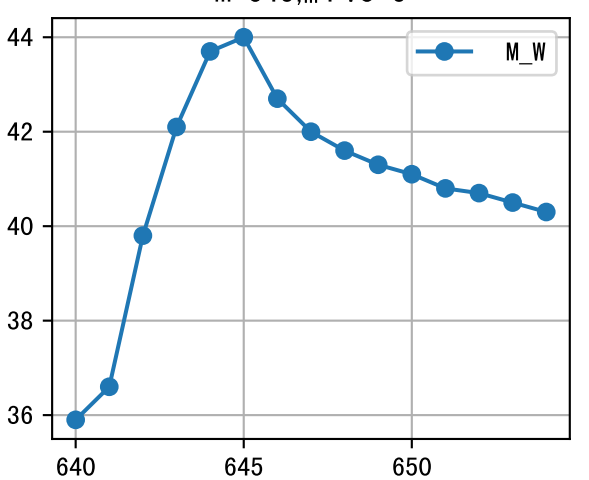
43
42
41
40
39
535
540
545


m=610,m FV0=0
M_W
42
40
38
36
34
610
615
620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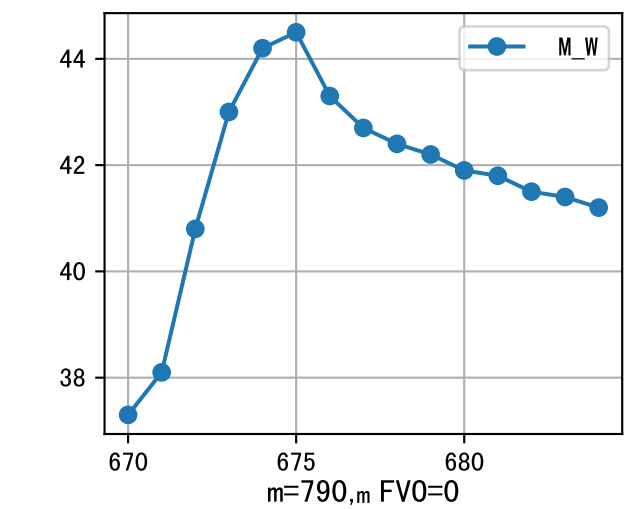
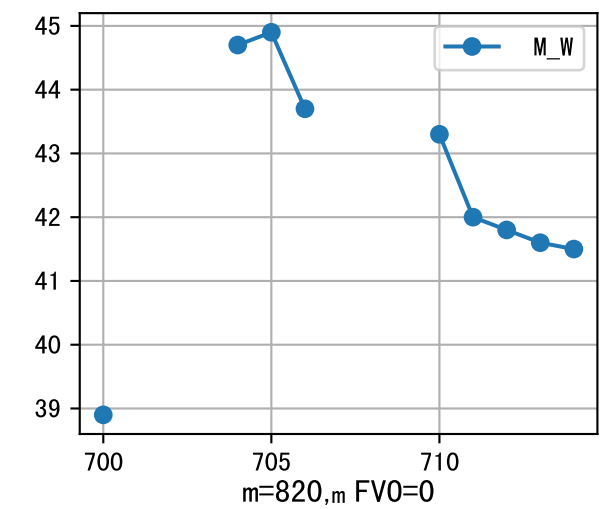
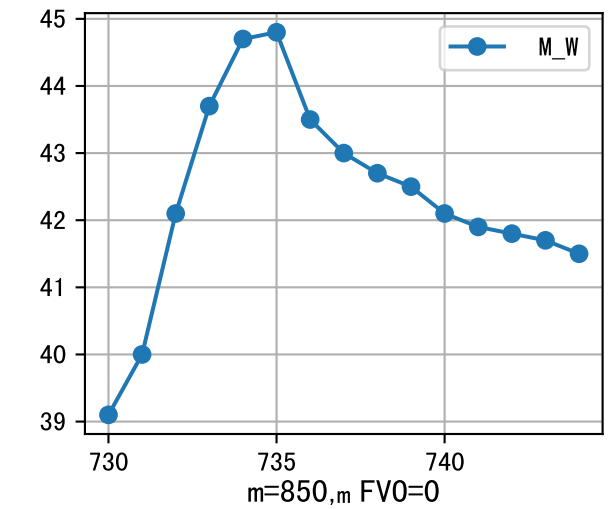
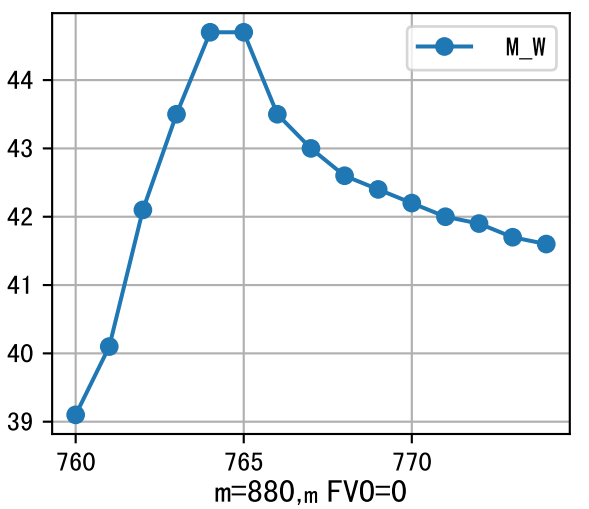
M_W
44
42
40
38
36
640
645
650


m=670,m FV0=0
M_W
44
42
40
38
670
675
680


m=700,m FV0=0
M_W
45
44
43
42
41
40
39
700
705
710


m=730,m FV0=0
M_W
45
44
43
42
41
40
39
730
735
740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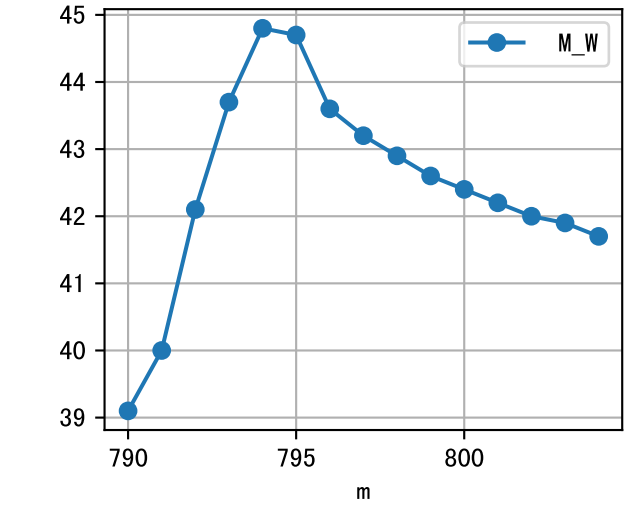
M_W
44
43
42
41
40
39
760
765
770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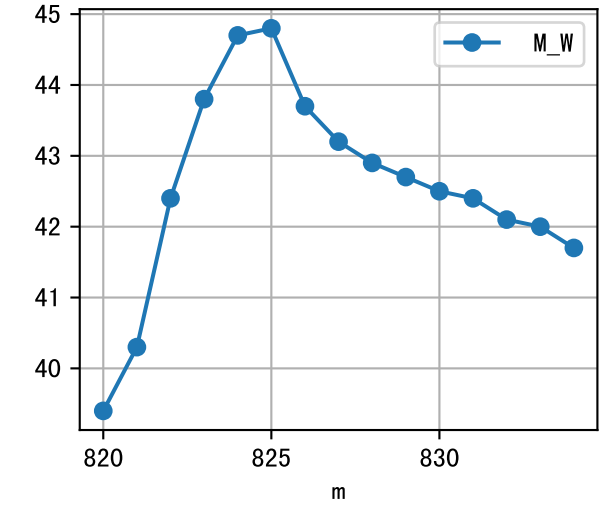
M_W
45
44
43
42
41
40
39
790
795
800
m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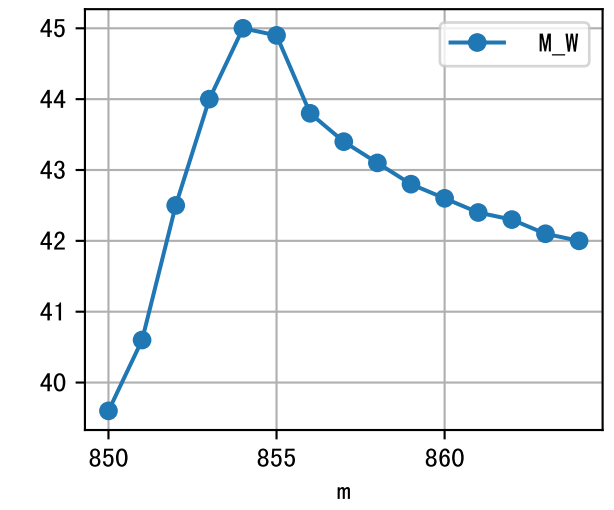
M_W
45
44
43
42
41
40
820
825
830
m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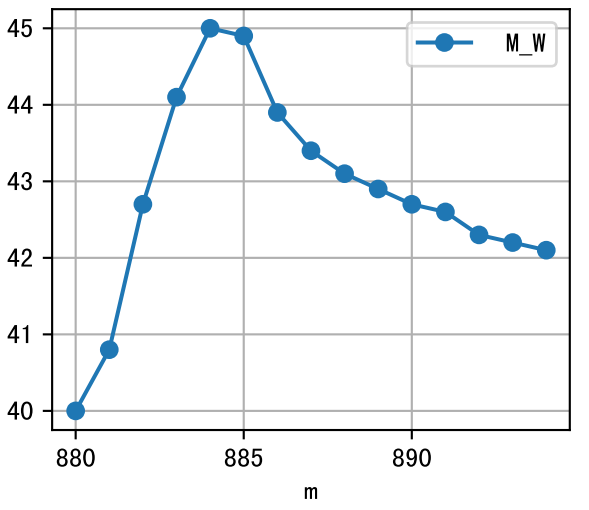
M_W
45
44
43
42
41
40
850
855
860
m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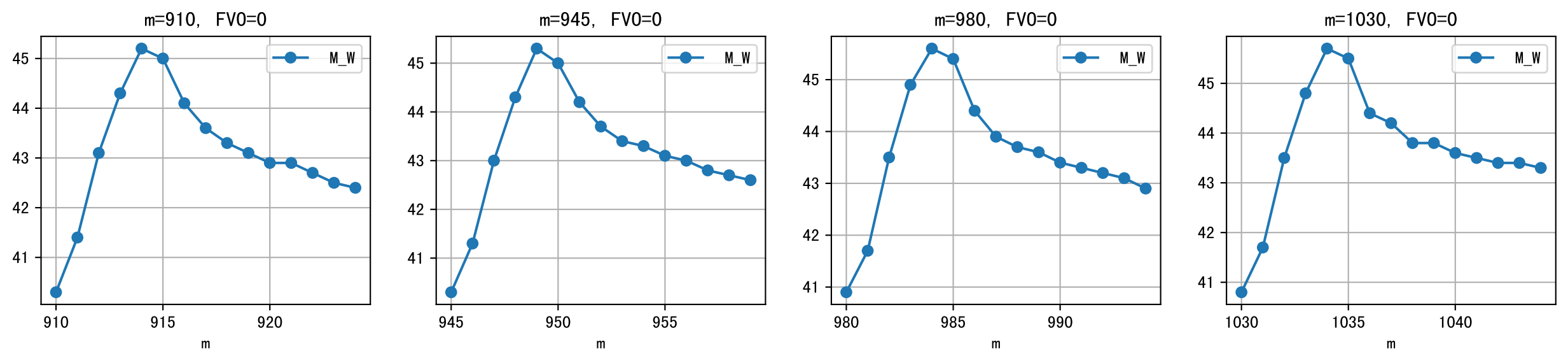
M_W
45
44
43
42
41
40
880
885
890
m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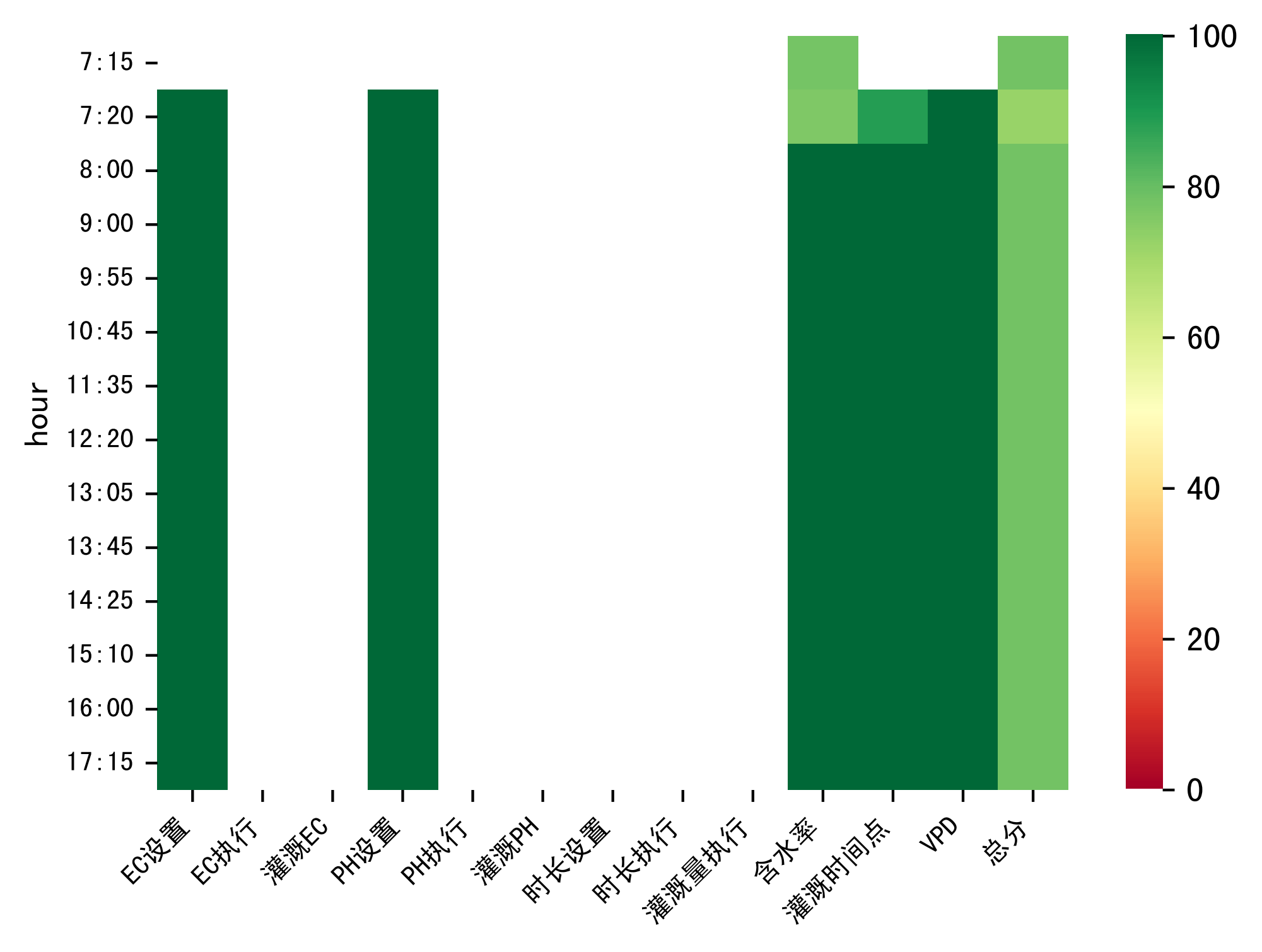
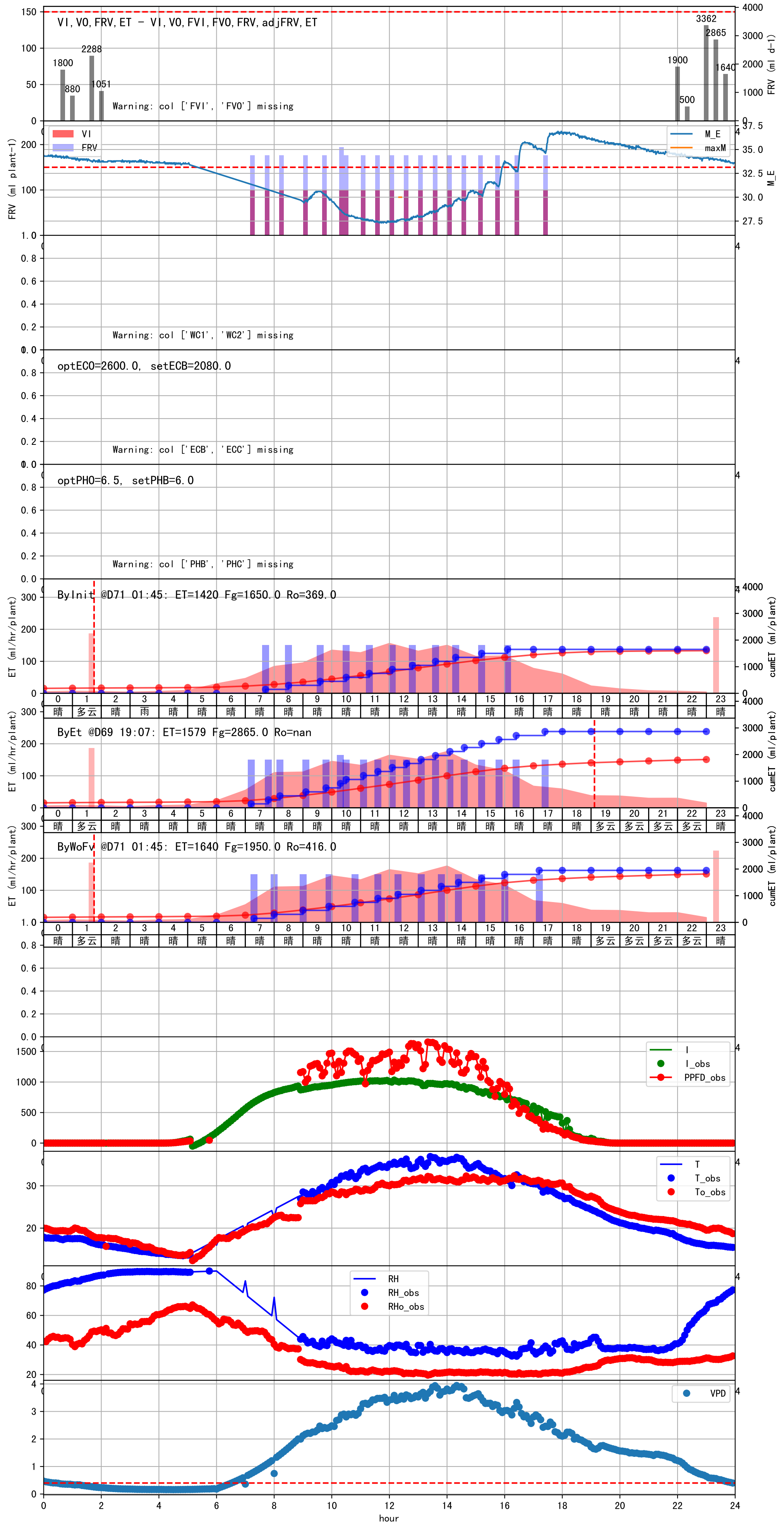
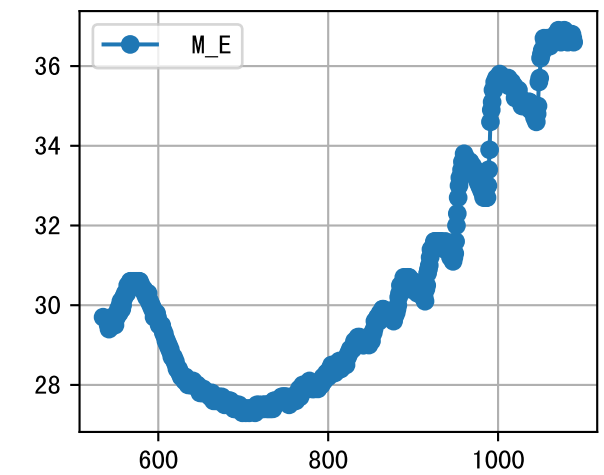
m=980, FV0=0
m=1030, FV0=0
M_W
m

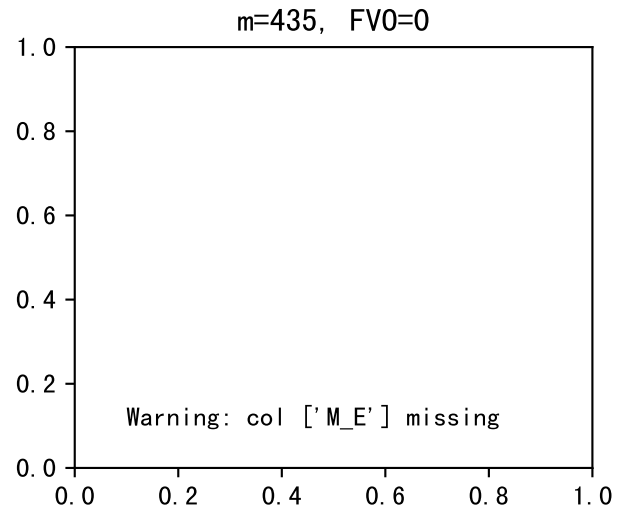

hour
7:15
7:20
8:00
9:00
9:55
10:45
11:35
12:20
13:05
13:45
14:25
15:10
16:00
17:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:20	273	150.0	2.583	晴	假设@07:20 自动（未用传感器）
08:00	273	150.0	2.583	晴	假设@08:00 自动（未用传感器）
09:00	273	150.0	2.583	晴	假设@09:00 自动（未用传感器）
09:55	273	150.0	2.583	晴	假设@09:55 自动（未用传感器）
10:45	273	150.0	2.583	晴	假设@10:45 自动（未用传感器）
11:35	273	150.0	2.583	晴	假设@11:35 自动（未用传感器）
12:20	273	150.0	2.583	晴	假设@12:20 自动（未用传感器）
13:05	273	150.0	2.583	晴	假设@13:05 自动（未用传感器）
13:45	273	150.0	2.583	晴	假设@13:45 自动（未用传感器）
14:25	273	150.0	2.583	晴	假设@14:25 自动（未用传感器）
15:10	273	150.0	2.583	晴	假设@15:10 自动（未用传感器）
16:00	273	150.0	2.583	晴	假设@16:00 自动（未用传感器）
17:15	273	150.0	2.583	晴	假设@17:15 自动（未用传感器）
总计	3549.0 (13次)	1950.0			建议进液EC：2080.0， PH：6.0

P3-2_0, Day=69 (2025-06-06)




M_E
36
34
32
30
28
600
800
1000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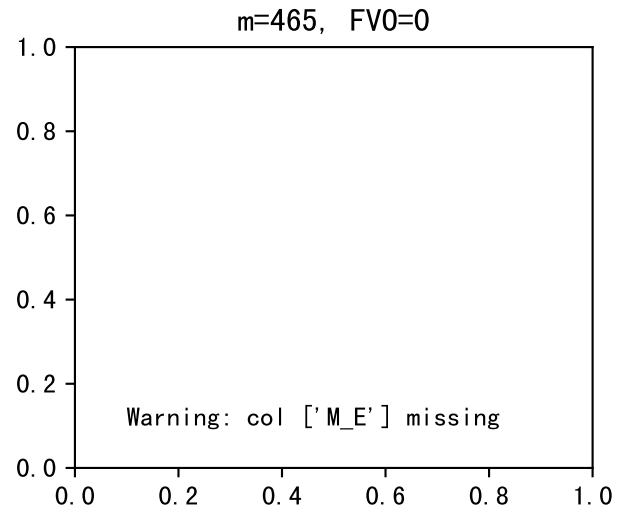
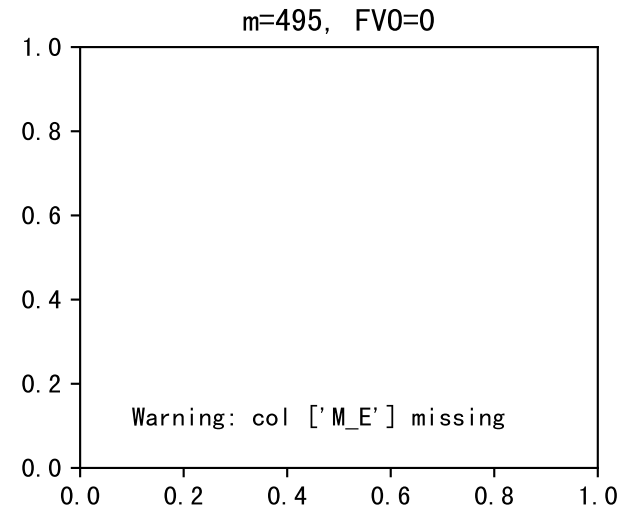
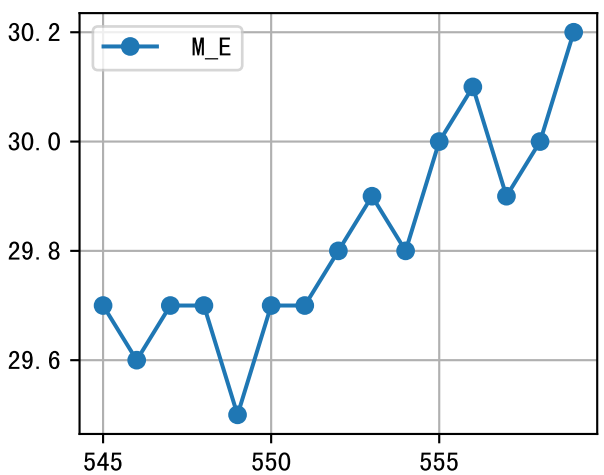
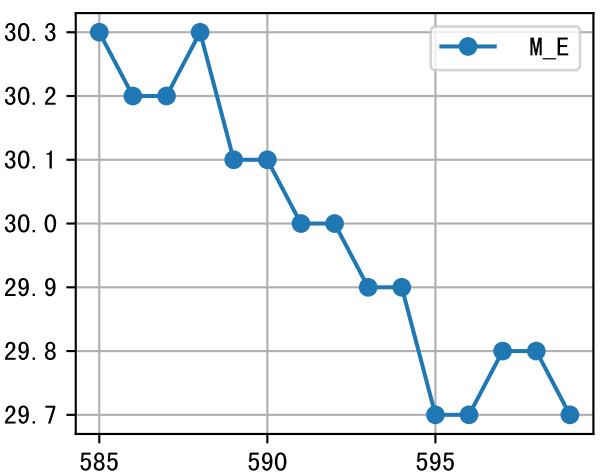
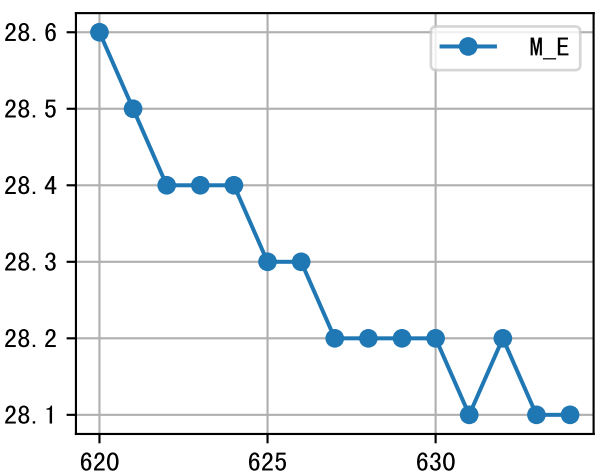
Warning: col ['M_E'] missing

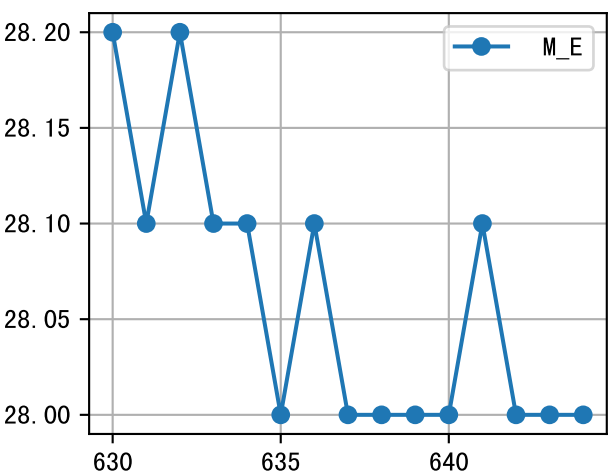

m=465, FV0=0
Warning: col ['M_E'] missing

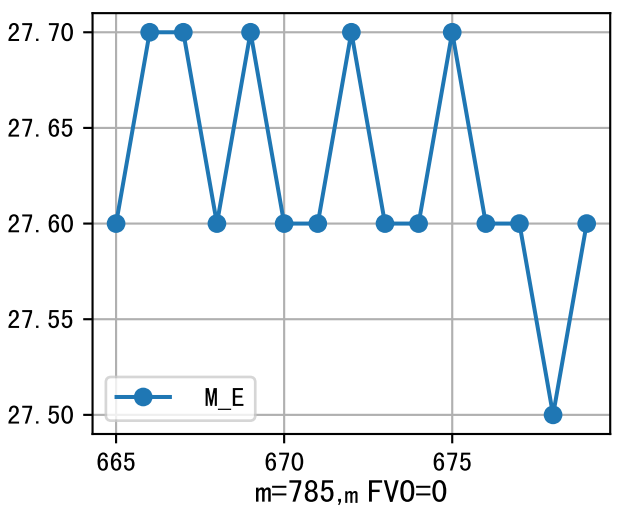

m=495, FV0=0
Warning: col ['M_E'] missing

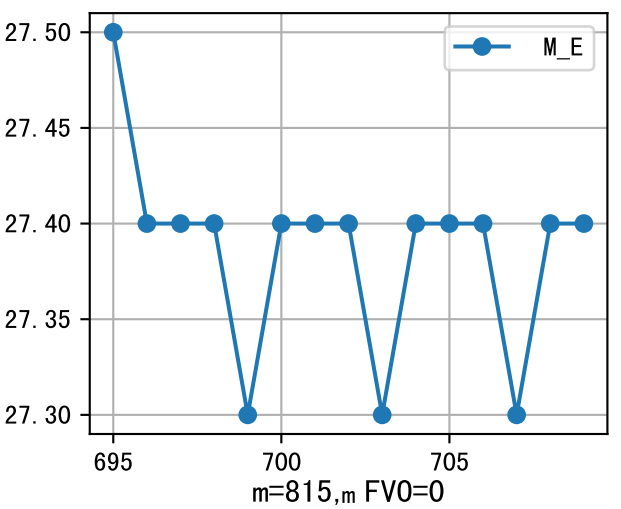

M_E
30.2
30.0
29.8
29.6
545
550
555
m=545,m FV0=0

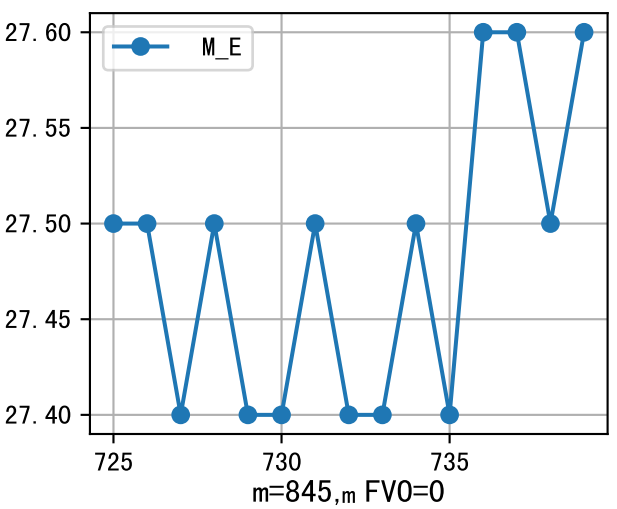

M_E
30.3
30.2
30.1
30.0
29.9
29.8
29.7
585
590
595
m=585, FV0=0

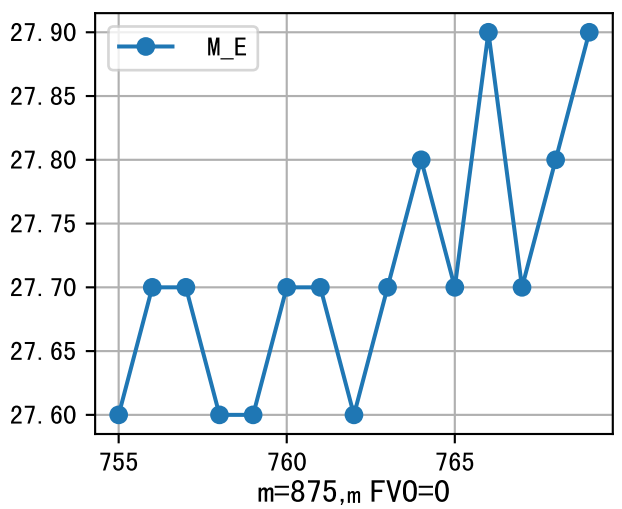

M_E
28.6
28.5
28.4
28.3
28.2
28.1
620
625
630
m=620, FV0=0

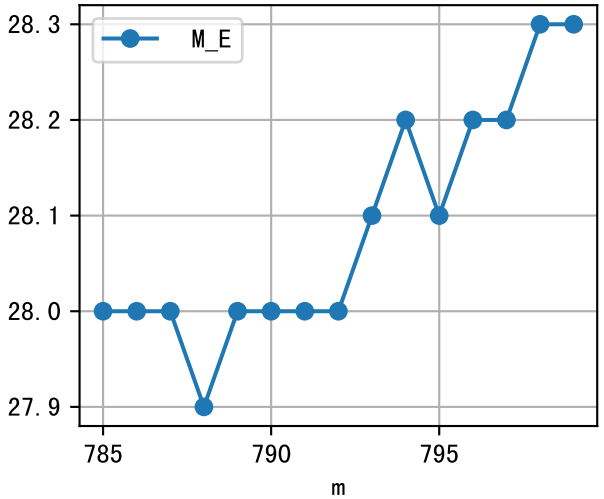

M_E
28.20
28.15
28.10
28.05
28.00
630
635
640
m=630, FV0=0

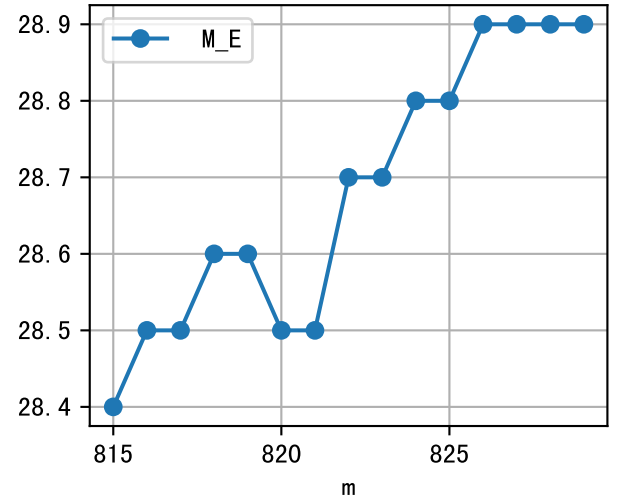

M_E
27.70
27.65
27.60
27.55
27.50
665
670
675
m=665,m FV0=0

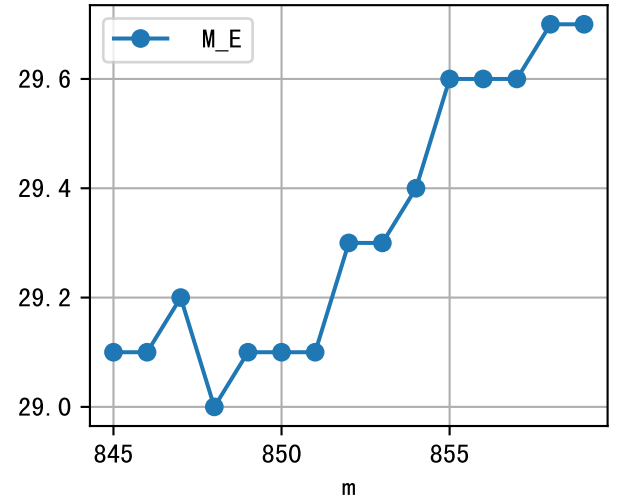

M_E
27.50
27.45
27.40
27.35
27.30
695
700
705
m=695,m FV0=0

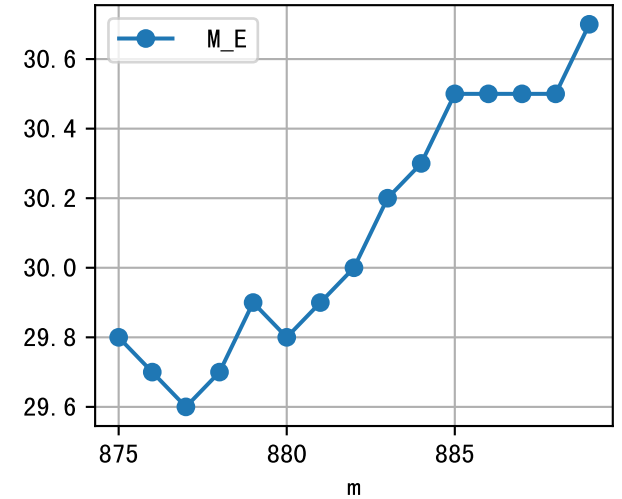

M_E
27.60
27.55
27.50
27.45
27.40
725
730
735
m=725,m FV0=0

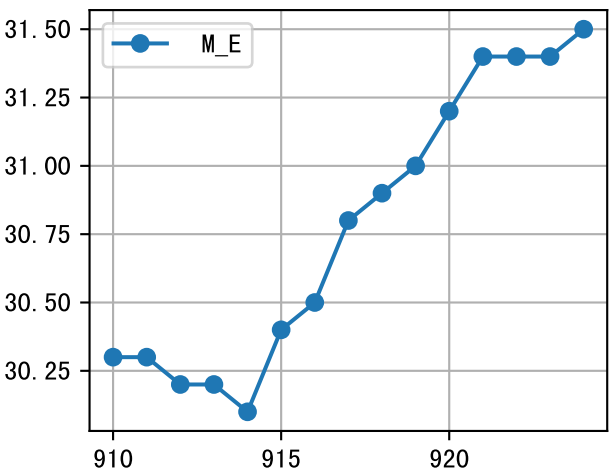

M_E
27.90
27.85
27.80
27.75
27.70
27.65
27.60
755
760
765
m=755,m FV0=0

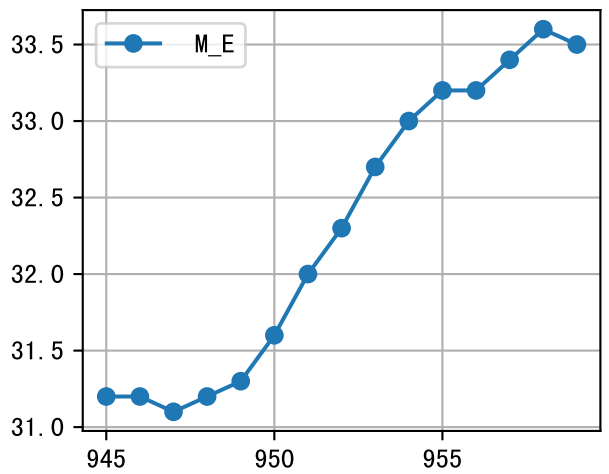

M_E
28.3
28.2
28.1
28.0
27.9
785
790
795
m
m=785,m FV0=0

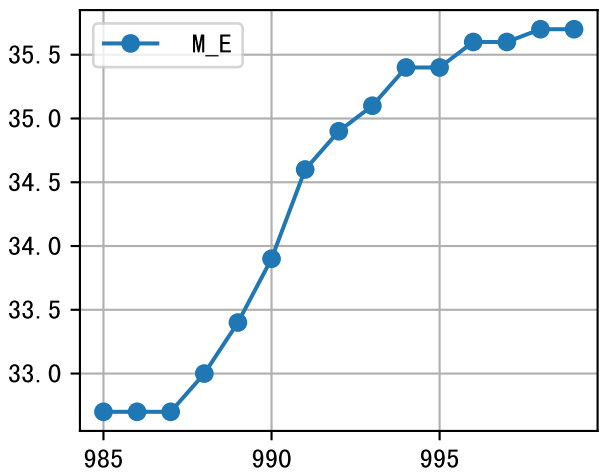

M_E
28.9
28.8
28.7
28.6
28.5
28.4
815
820
825
m
m=815,m FV0=0

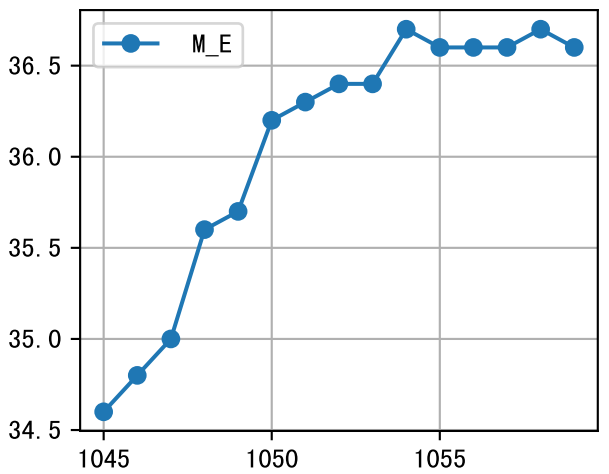

M_E
29.6
29.4
29.2
29.0
845
850
855
m
m=845,m FV0=0

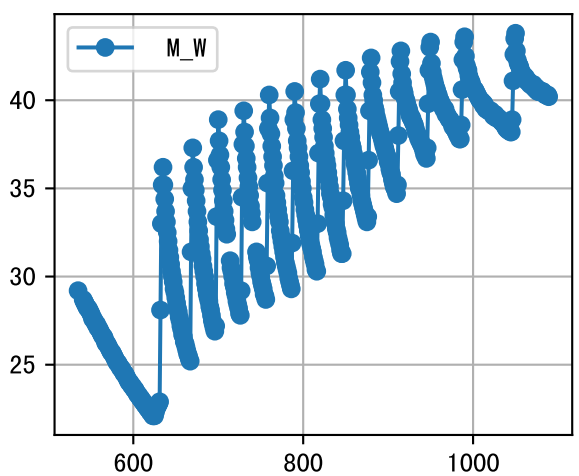

M_E
30.6
30.4
30.2
30.0
29.8
29.6
875
880
885
m
m=875,m FV0=0

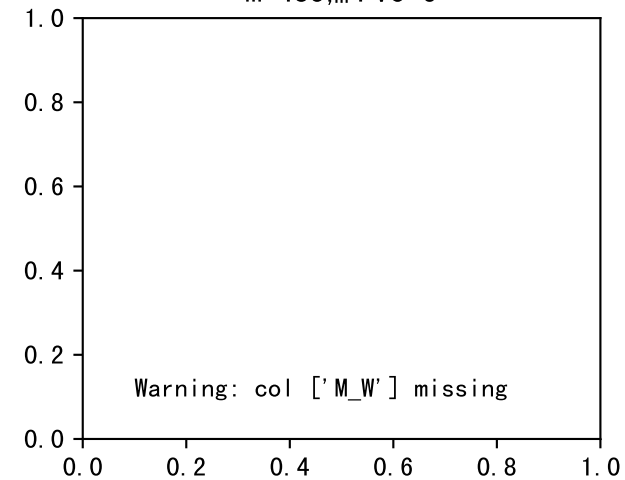

m=910, FV0=0
M_E
31.50
31.25
31.00
30.75
30.50
30.25
910
915
920
m

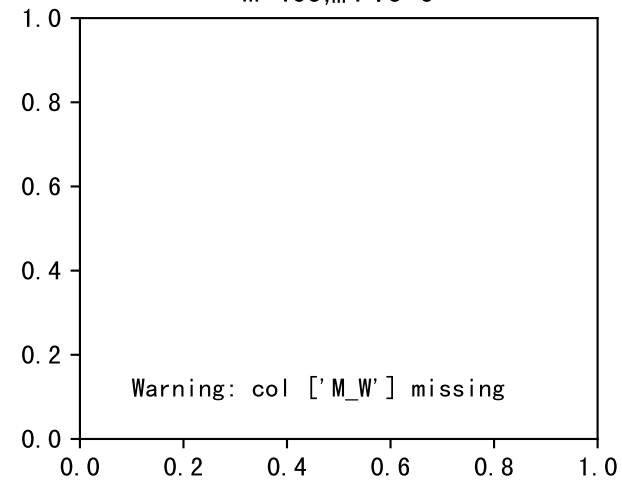

m=945, FV0=0
M_E
33.5
33.0
32.5
32.0
31.5
31.0
945
950
955

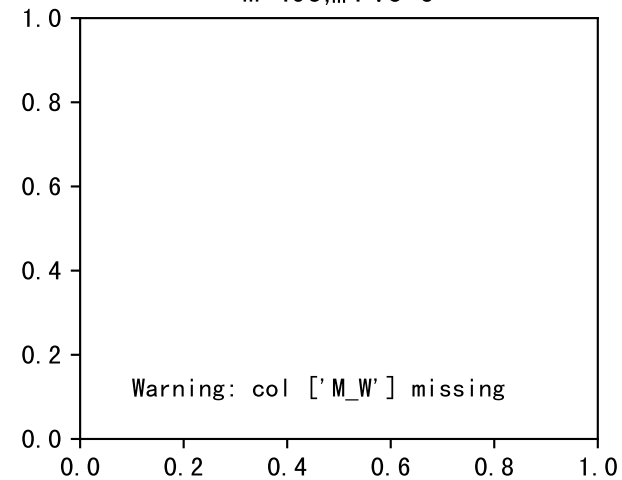

m=985, FV0=0
M_E
35.5
35.0
34.5
34.0
33.5
33.0
985
990
995

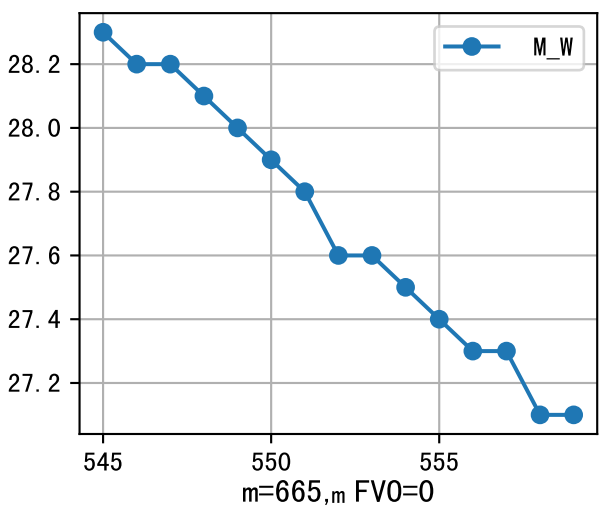

m=1045, FV0=0
M_E
36.5
36.0
35.5
35.0
34.5
1045
1050
1055

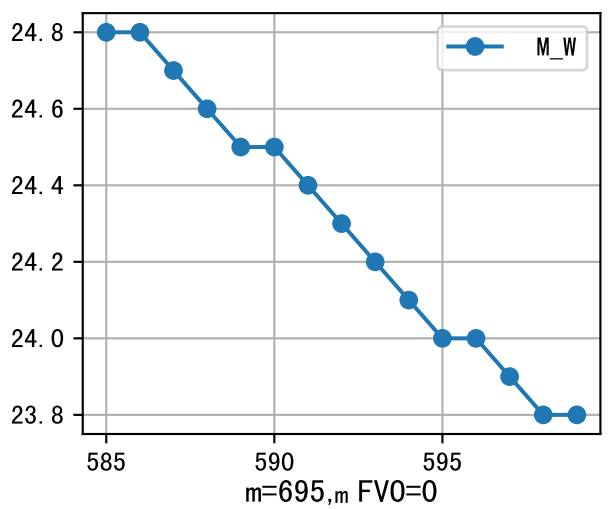

M_W
40
35
30
25
600
800
1000
m=545,m FV0=0

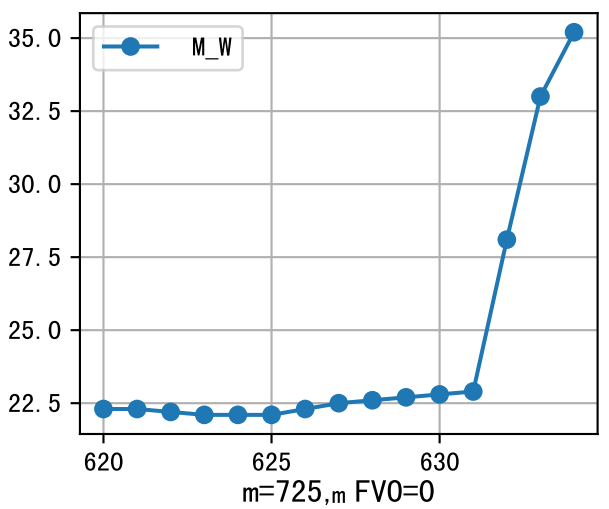

m=435,m FV0=0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_W'] missing
0.0
0.2
0.4
0.6
0.8
1.0
m=585, FV0=0

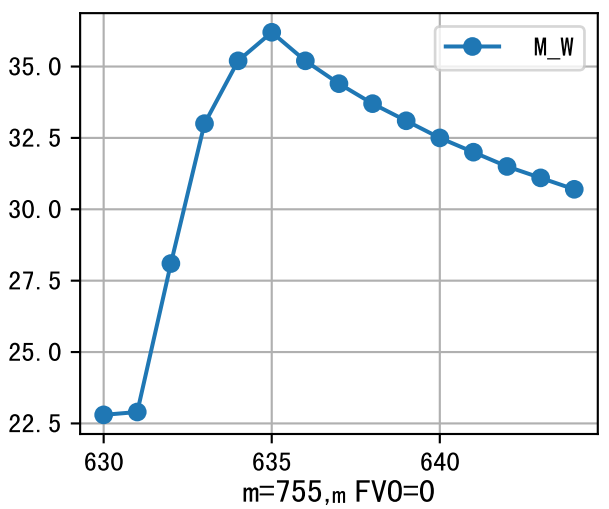

m=465,m FV0=0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_W'] missing
0.0
0.2
0.4
0.6
0.8
1.0
m=620, FV0=0

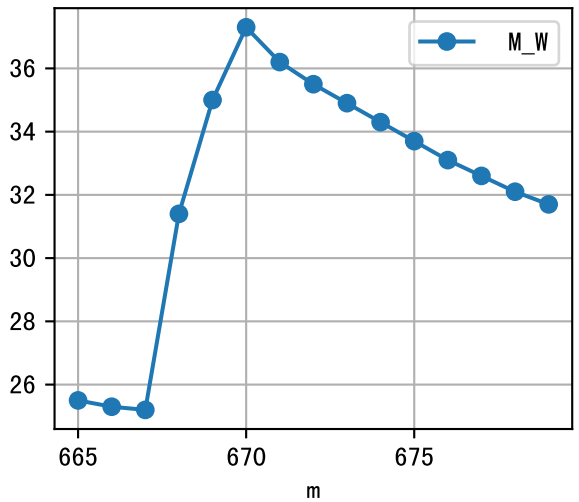

m=495,m FV0=0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_W'] missing
0.0
0.2
0.4
0.6
0.8
1.0
m=630, FV0=0

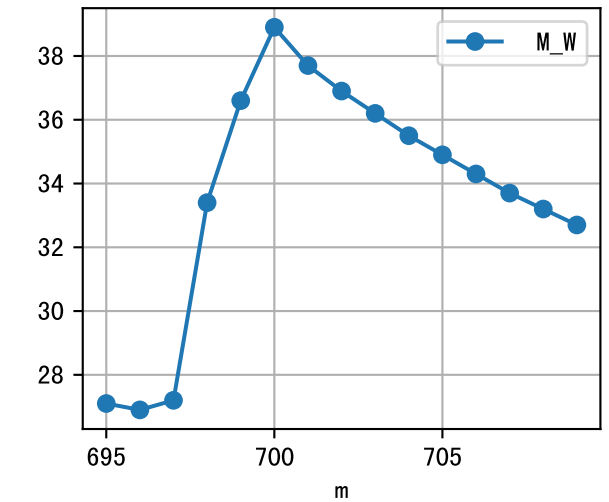

M_W
28.2
28.0
27.8
27.6
27.4
27.2
545
550
555
m=665,m FV0=0

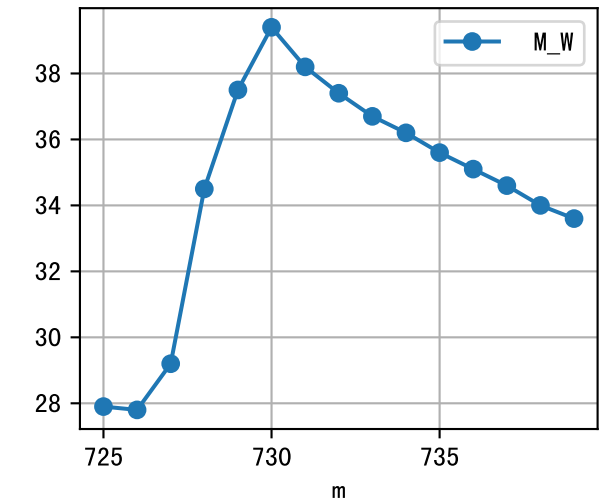

M_W
24.8
24.6
24.4
24.2
24.0
23.8
585
590
595
m=695,m FV0=0

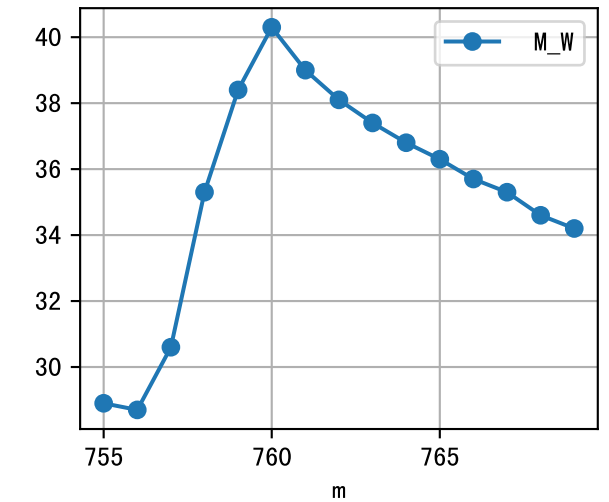

M_W
35.0
32.5
30.0
27.5
25.0
22.5
620
625
630
m=725,m FV0=0

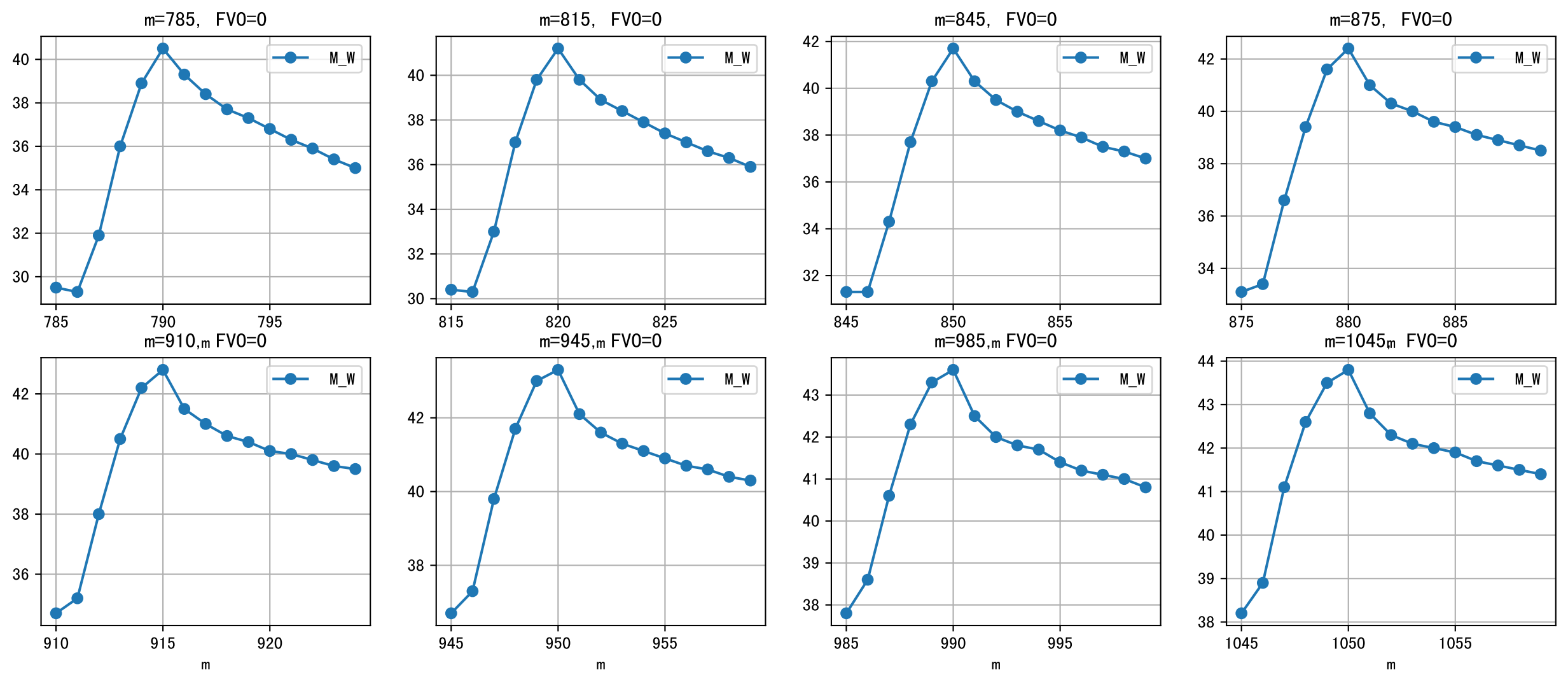

M_W
35.0
32.5
30.0
27.5
25.0
22.5
630
635
640
m=755,m FV0=0

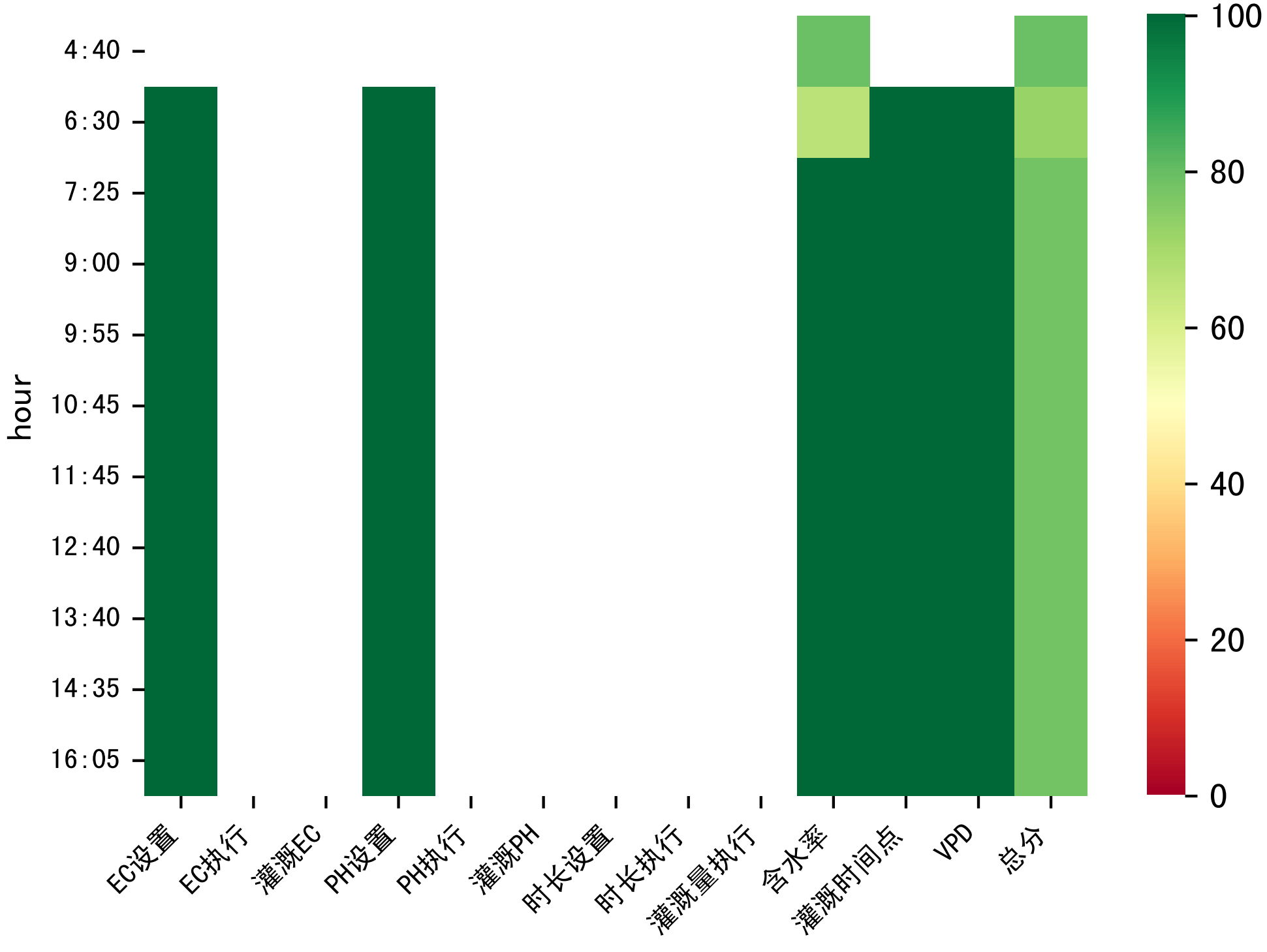

M_W
36
34
32
30
28
26
665
670
675
m


M_W
38
36
34
32
30
28
695
700
705
m


M_W
38
36
34
32
30
28
725
730
735
m

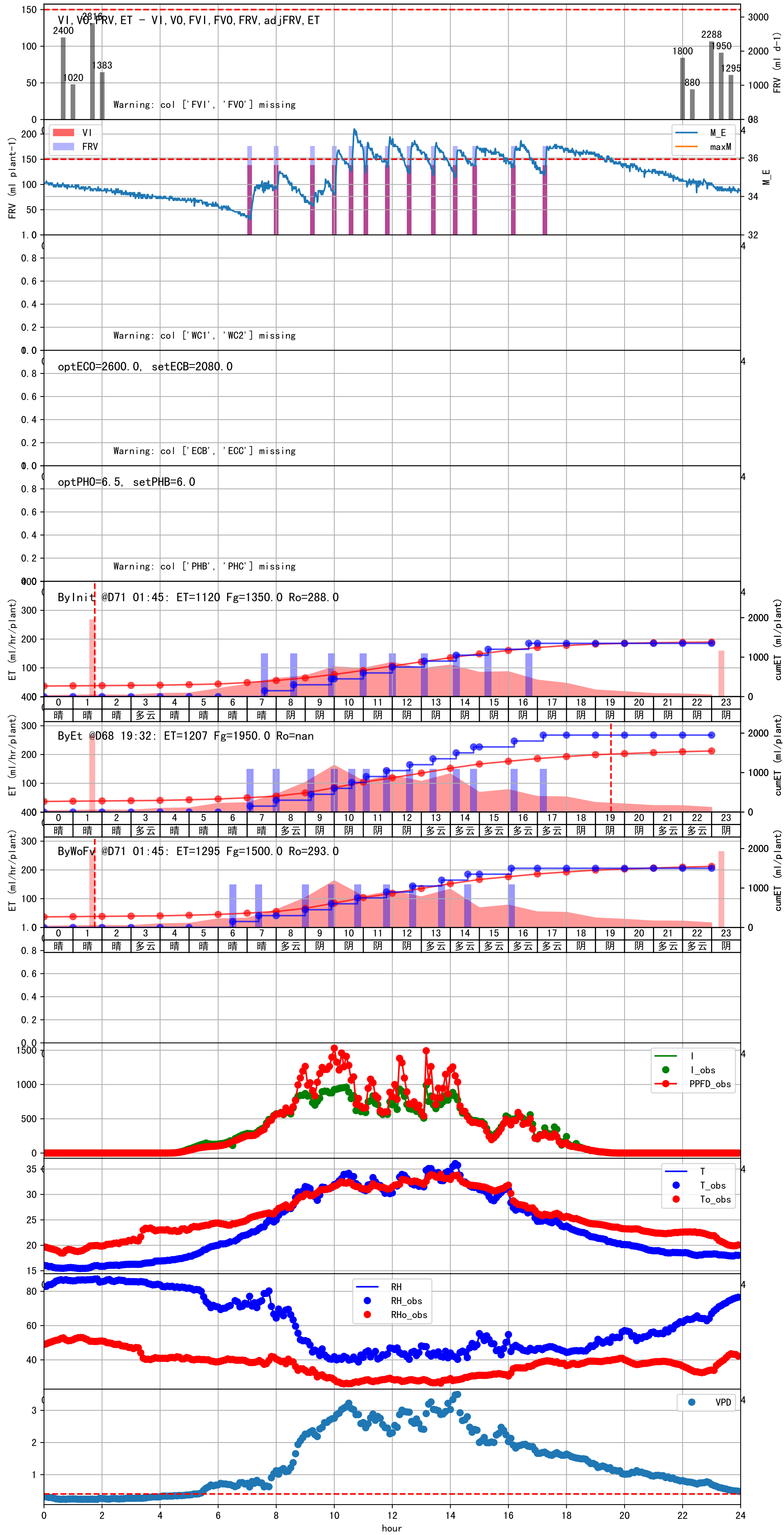

M_W
40
38
36
34
32
30
755
760
765
m

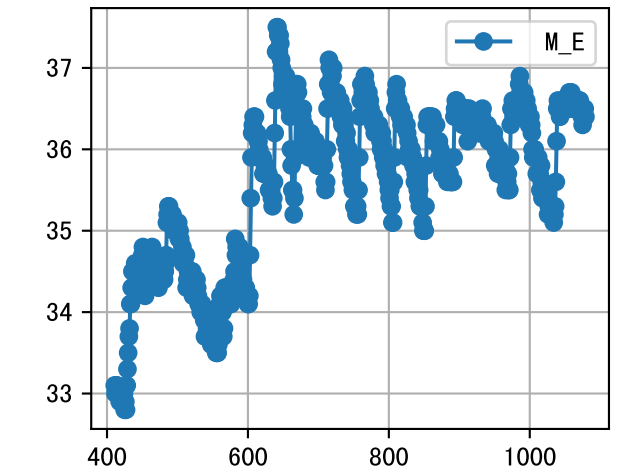

m=785, FV0=0
m=815, FV0=0
m=845, FV0=0
m=875, FV0=0
m=910,m FV0=0
m=945,m FV0=0
m=985,m FV0=0
m=1045m FV0=0
M_W
m

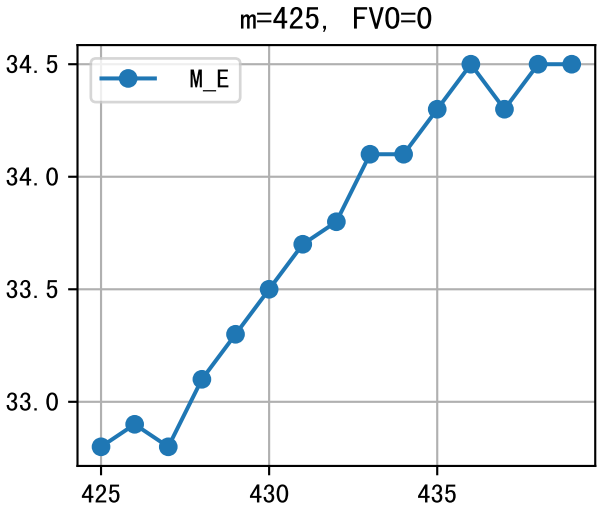

hour
4:40
6:30
7:25
9:00
9:55
10:45
11:45
12:40
13:40
14:35
16:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

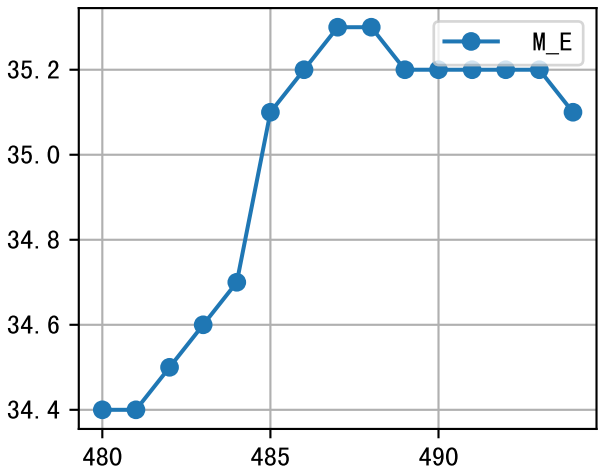
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
06:30	273	150.0	2.583	晴	假设@06:30 自动（未用传感器）
07:25	273	150.0	2.583	晴	假设@07:25 自动（未用传感器）
09:00	273	150.0	2.583	阴	假设@09:00 自动（未用传感器）
09:55	273	150.0	2.583	阴	假设@09:55 自动（未用传感器）
10:45	273	150.0	2.583	阴	假设@10:45 自动（未用传感器）
11:45	273	150.0	2.583	阴	假设@11:45 自动（未用传感器）
12:40	273	150.0	2.583	阴	假设@12:40 自动（未用传感器）
13:40	273	150.0	2.583	多云	假设@13:40 自动（未用传感器）
14:35	273	150.0	2.583	多云	假设@14:35 自动（未用传感器）
16:05	273	150.0	2.583	多云	假设@16:05 自动（未用传感器）
总计	2730.0 (10次)	1500.0			建议进液EC：2080.0， PH：6.0

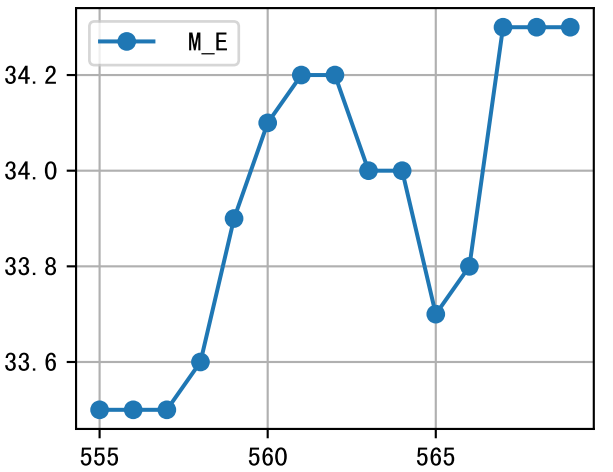
P3-2_0, Day=68 (2025-06-05)

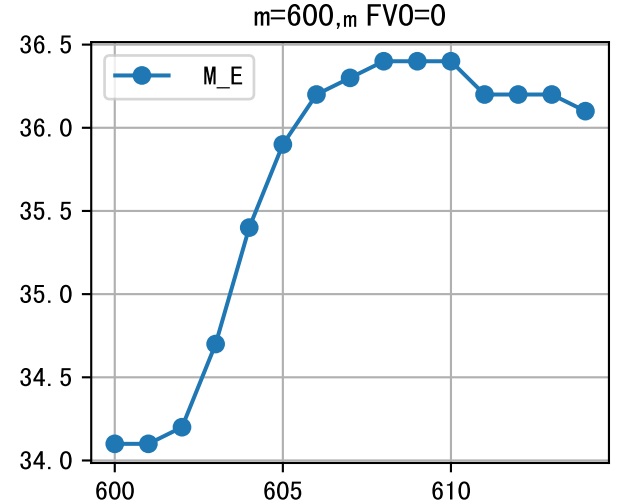


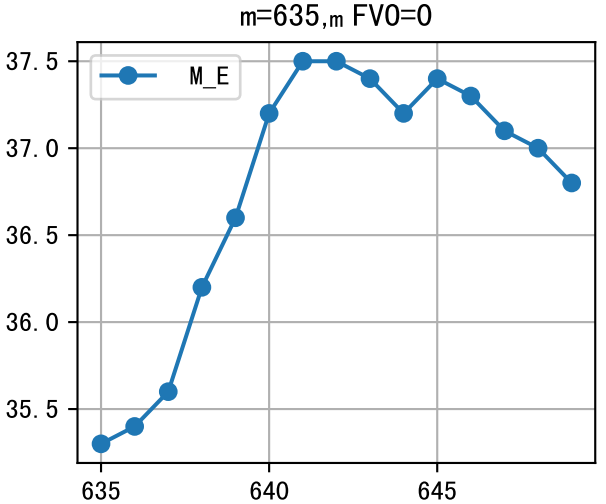

M_E

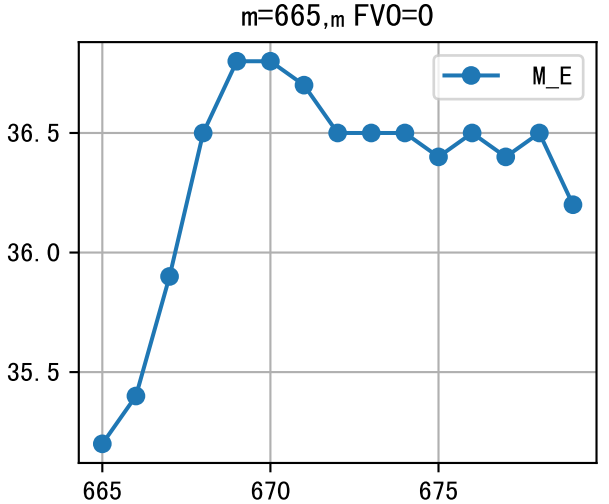

m=425, FV0=0
M_E

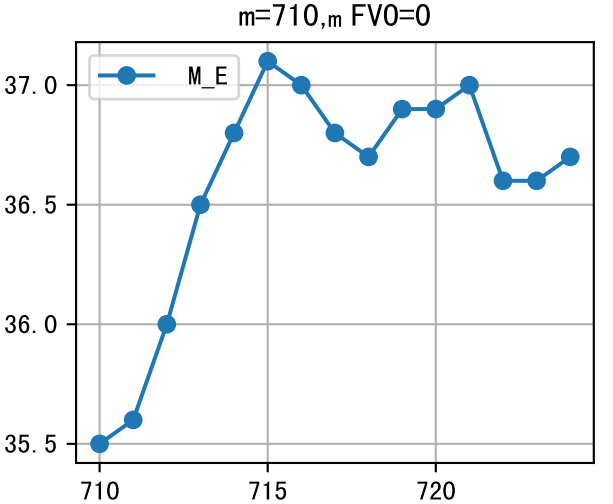

m=480, FV0=0
M_E

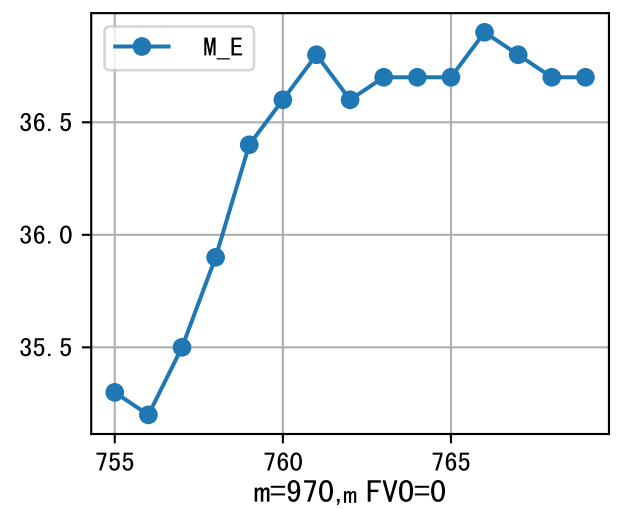

m=555, FV0=0
M_E

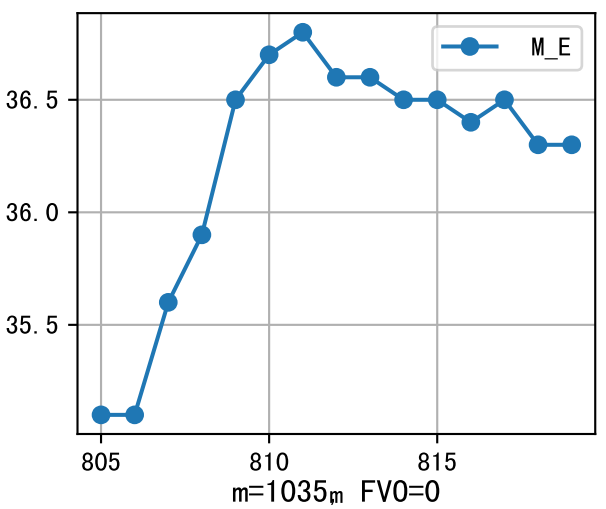

m=600,m FV0=0
M_E

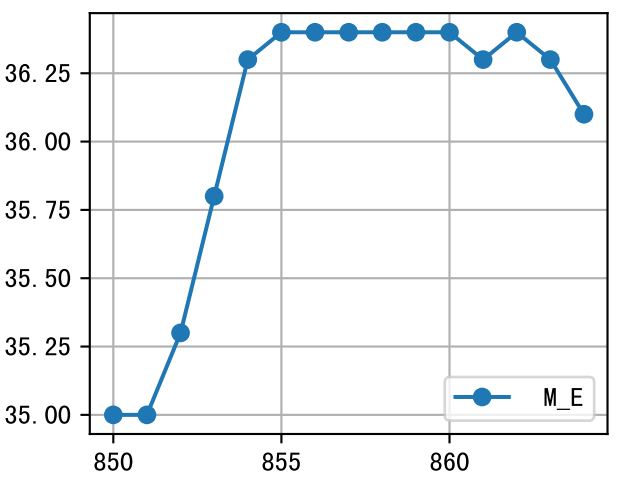

m=635,m FV0=0
M_E

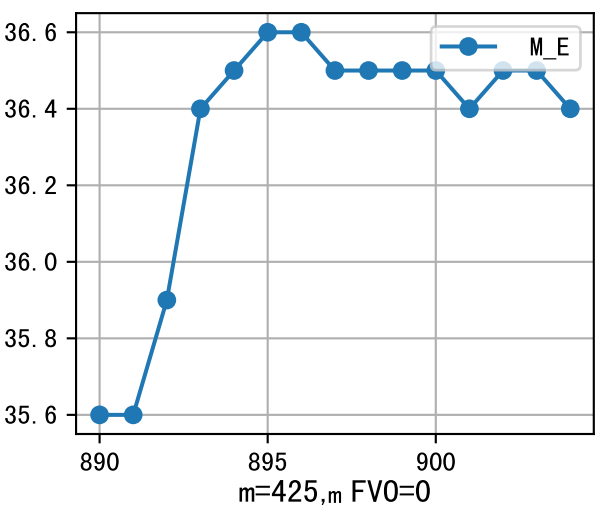

m=665,m FV0=0
M_E

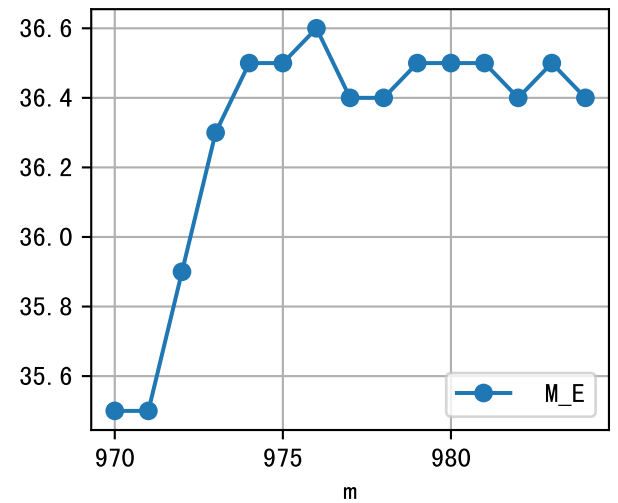

m=710,m FV0=0
M_E

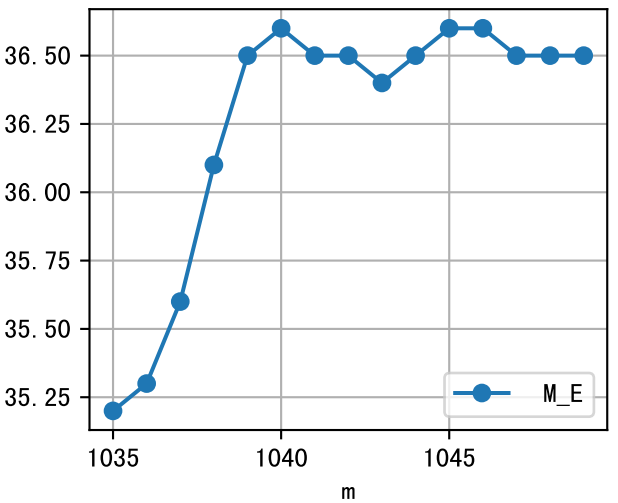

m=755,m FV0=0
M_E

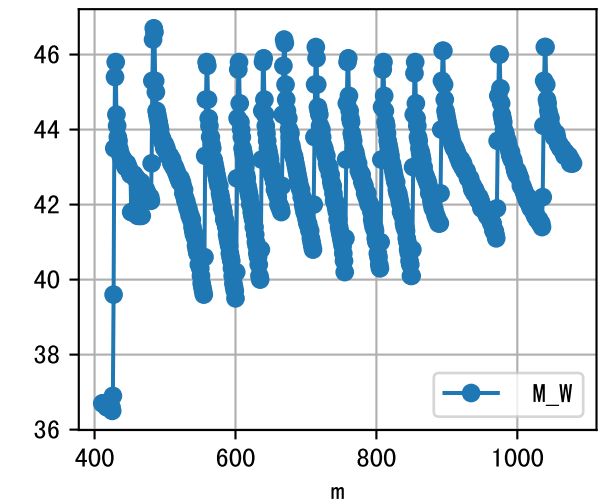

m=805,m FV0=0
M_E

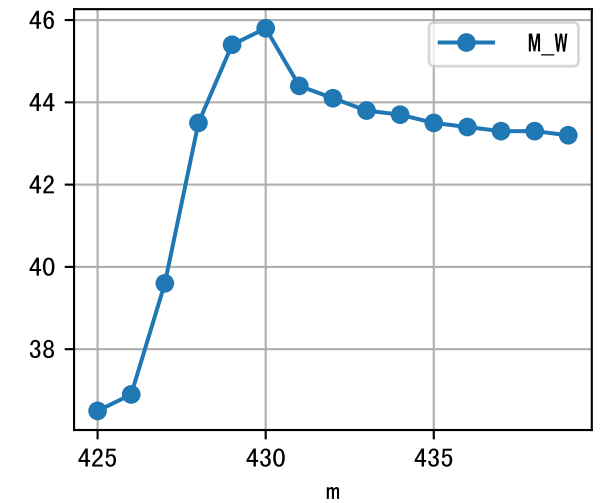

m=850,m FV0=0
M_E
m

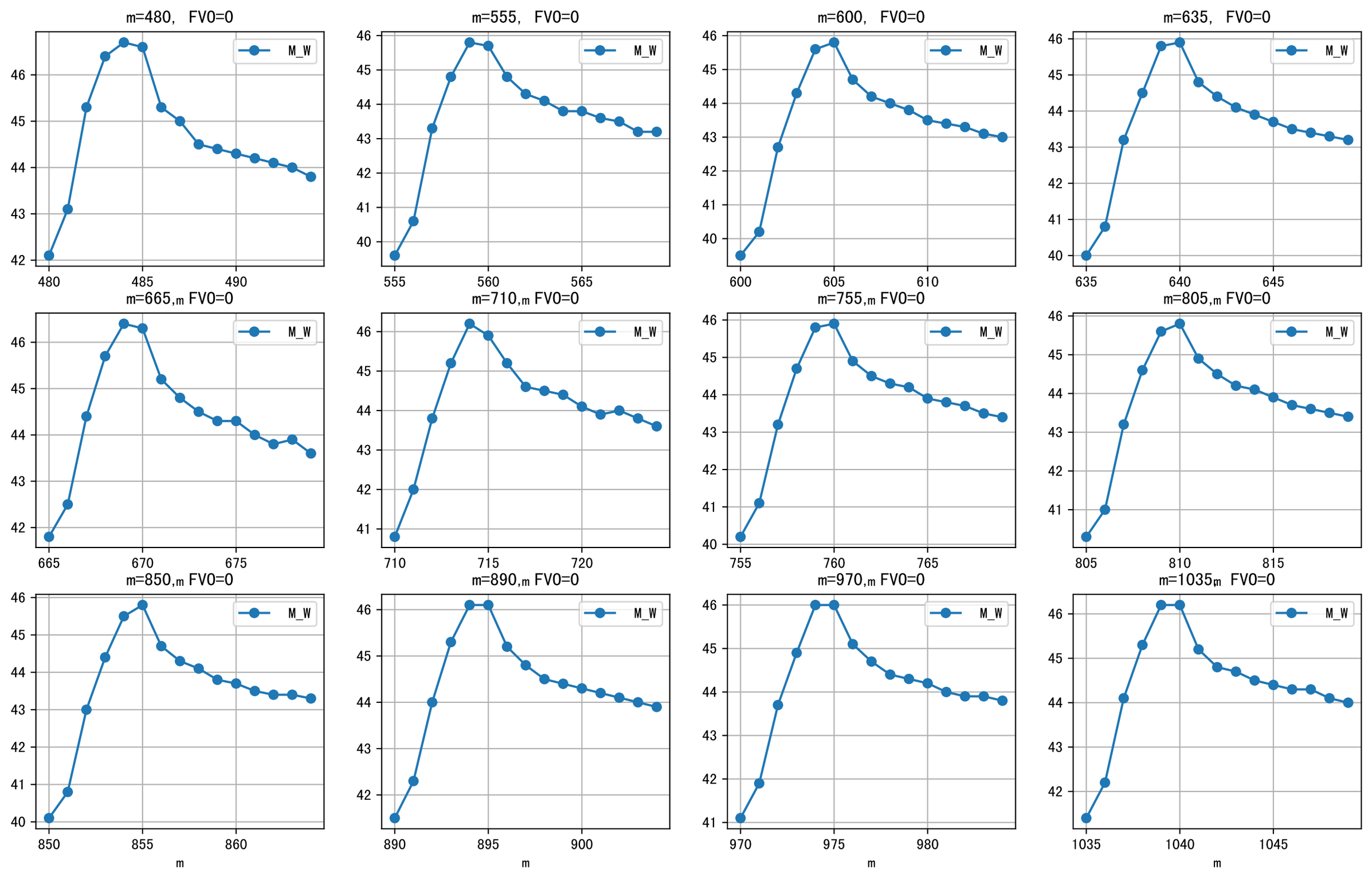

m=890,m FV0=0
M_E

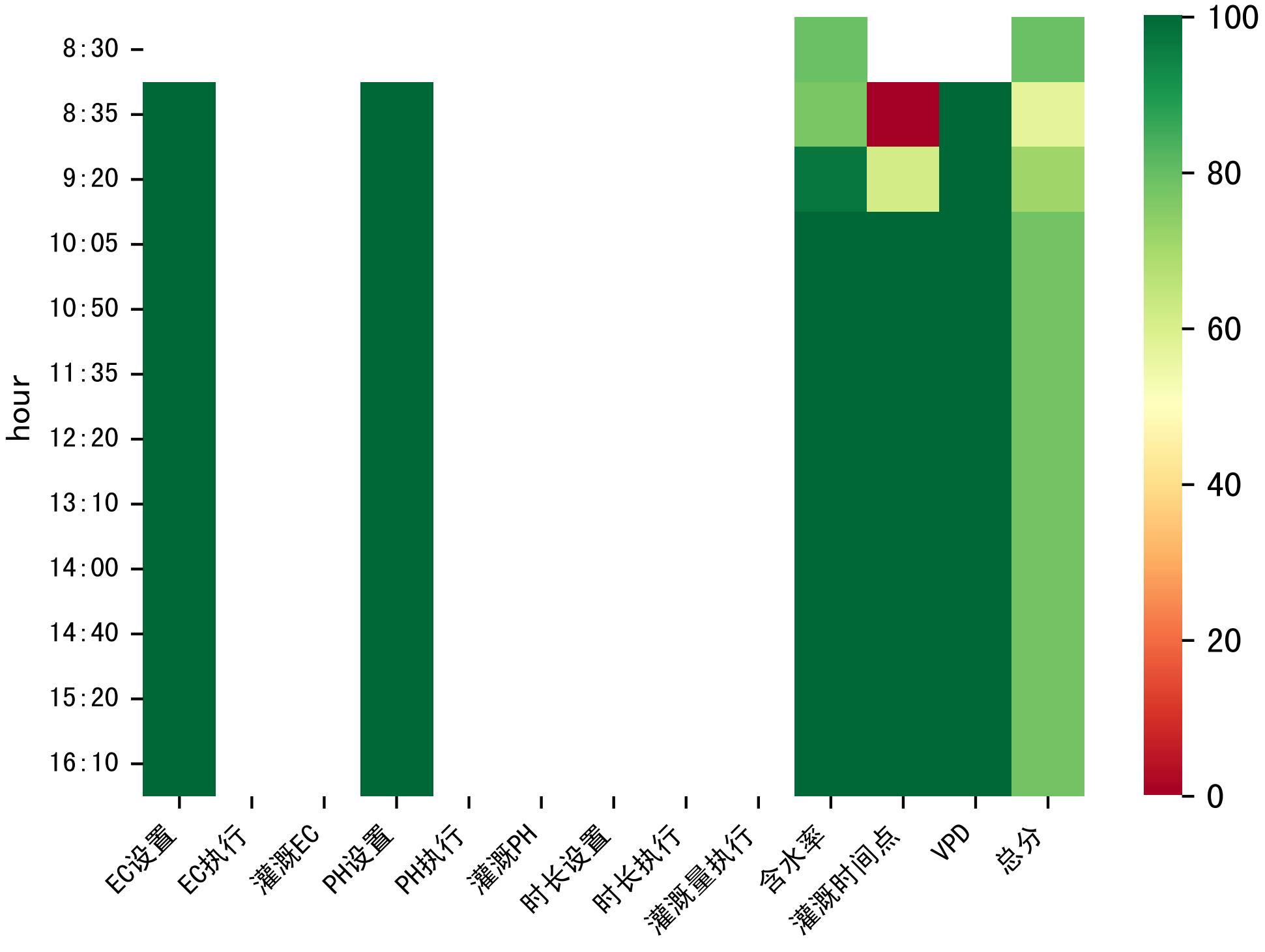

m=970,m FV0=0
M_E
m


m=1035m FV0=0
M_E
m


M_W
m

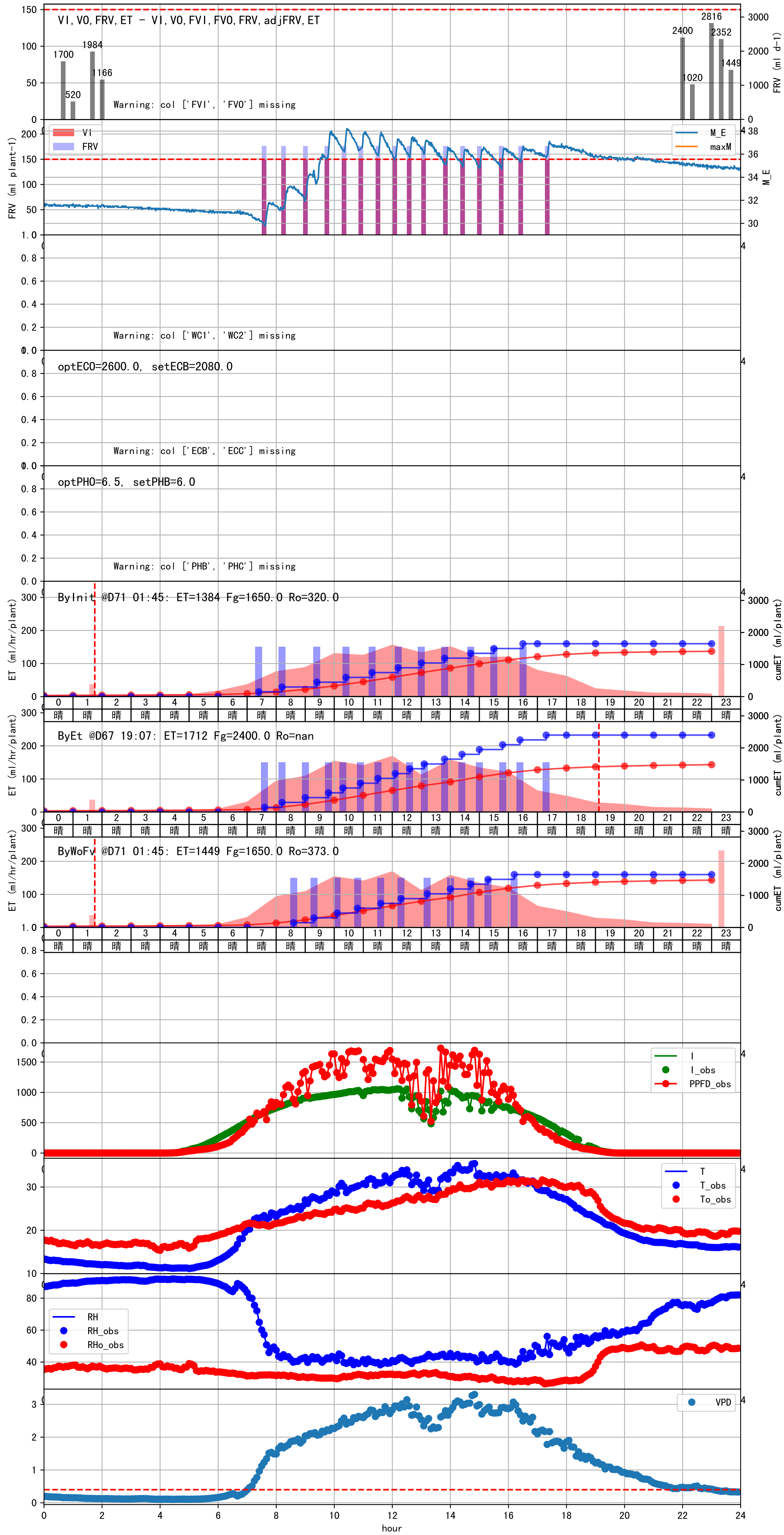

m=425,m FV0=0
M_W
m

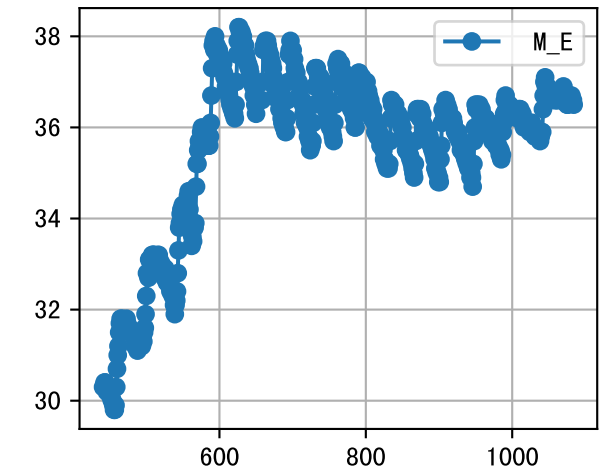

m=480, FV0=0
m=555, FV0=0
m=600, FV0=0
m=635, FV0=0
m=665,m FV0=0
m=710,m FV0=0
m=755,m FV0=0
m=805,m FV0=0
m=850,m FV0=0
m=890,m FV0=0
m=970,m FV0=0
m=1035m FV0=0
M_W
m

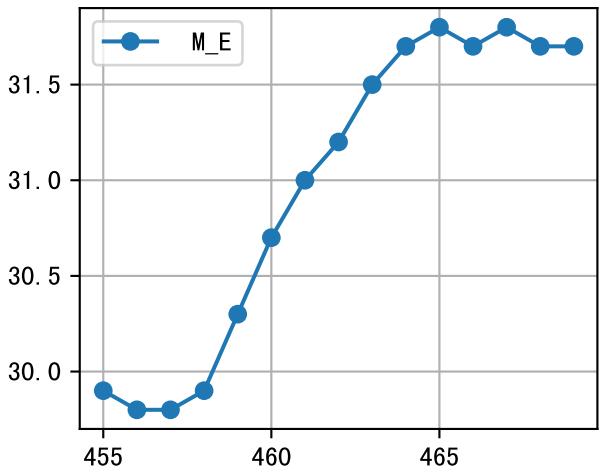

hour
8:30
8:35
9:20
10:05
10:50
11:35
12:20
13:10
14:00
14:40
15:20
16:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

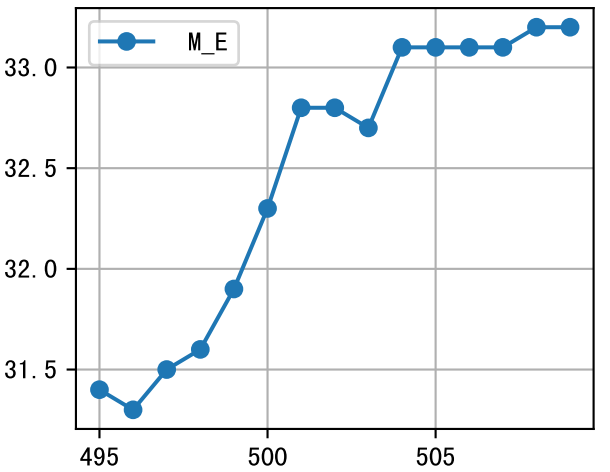
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:35	273	150.0	2.583	晴	假设@08:35 自动（未用传感器）
09:20	273	150.0	2.583	晴	假设@09:20 自动（未用传感器）
10:05	273	150.0	2.583	晴	假设@10:05 自动（未用传感器）
10:50	273	150.0	2.583	晴	假设@10:50 自动（未用传感器）
11:35	273	150.0	2.583	晴	假设@11:35 自动（未用传感器）
12:20	273	150.0	2.583	晴	假设@12:20 自动（未用传感器）
13:10	273	150.0	2.583	晴	假设@13:10 自动（未用传感器）
14:00	273	150.0	2.583	晴	假设@14:00 自动（未用传感器）
14:40	273	150.0	2.583	晴	假设@14:40 自动（未用传感器）
15:20	273	150.0	2.583	晴	假设@15:20 自动（未用传感器）
16:10	273	150.0	2.583	晴	假设@16:10 自动（未用传感器）
总计	3003.0 (11次)	1650.0			建议进液EC：2080.0， PH：6.0

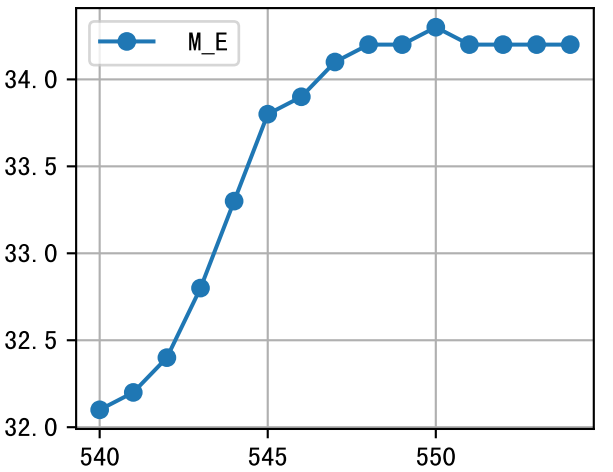
P3-2_0, Day=67 (2025-06-04)

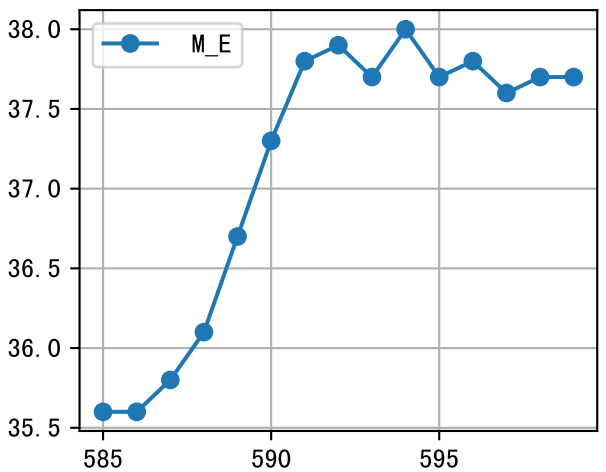


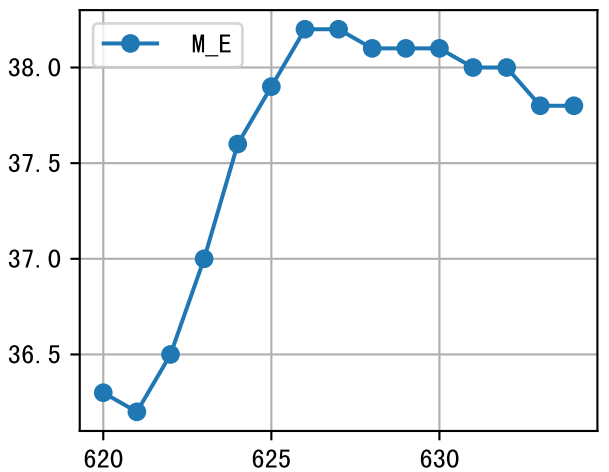

M_E
38
36
34
32
30
600
800
1000

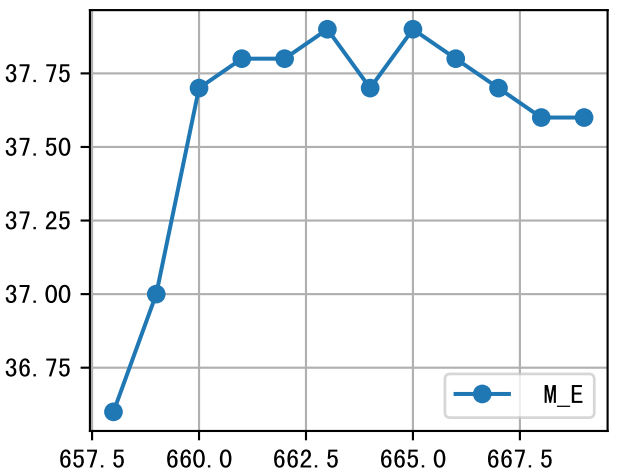

m=455, FV0=0
M_E
31.5
31.0
30.5
30.0
455
460
465

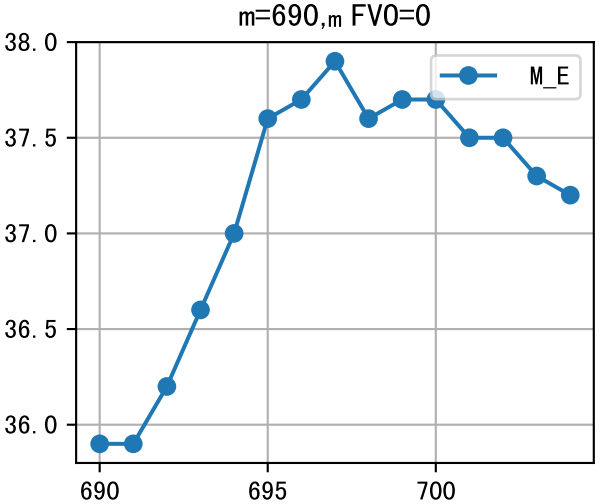

m=495, FV0=0
M_E
33.0
32.5
32.0
31.5
495
500
505

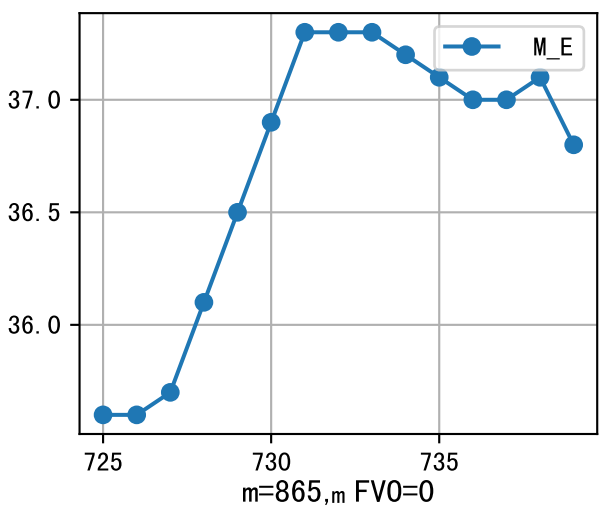

m=540, FV0=0
M_E
34.0
33.5
33.0
32.5
32.0
540
545
550

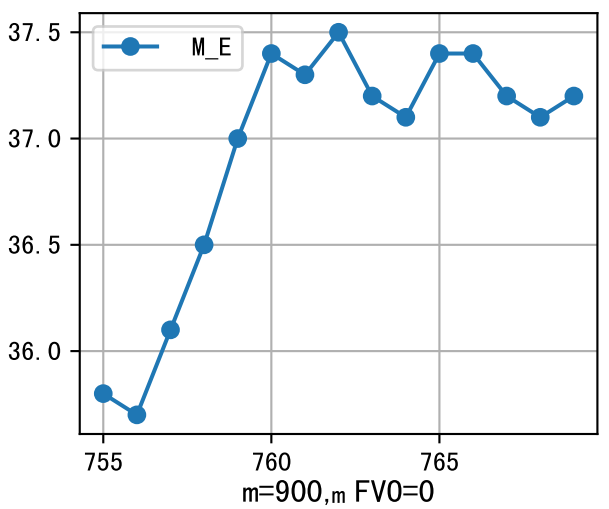

m=585,m FV0=0
M_E
38.0
37.5
37.0
36.5
36.0
35.5
585
590
595
m=725,m FV0=0

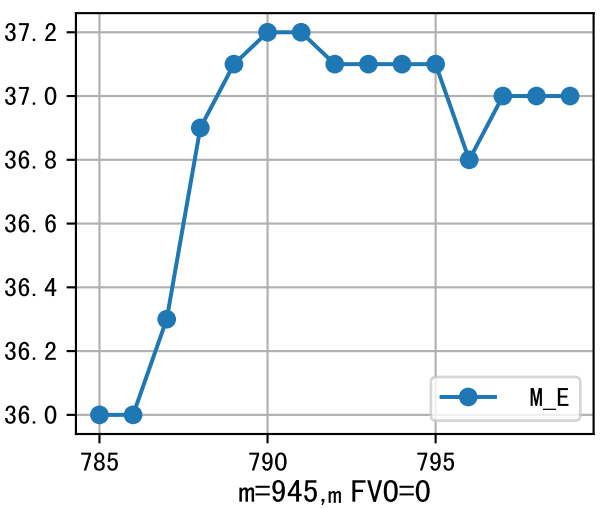

m=620,m FV0=0
M_E
38.0
37.5
37.0
36.5
620
625
630
m=755,m FV0=0

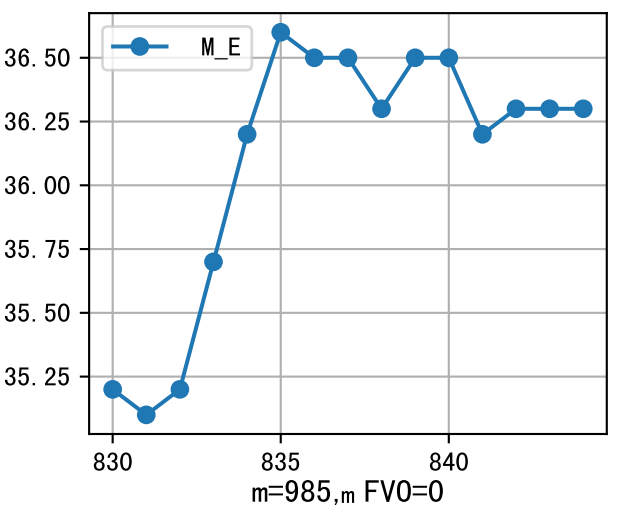

m=655,m FV0=0
M_E
37.75
37.50
37.25
37.00
36.75
657.5
660.0
662.5
665.0
667.5
m=785,m FV0=0


m=690,m FV0=0
M_E
38.0
37.5
37.0
36.5
36.0
690
695
700
m=830,m FV0=0


M_E
37.0
36.5
36.0
725
730
735
m=865,m FV0=0


M_E
37.5
37.0
36.5
36.0
755
760
765
m=900,m FV0=0


M_E
37.2
37.0
36.8
36.6
36.4
36.2
36.0
785
790
795
m=945,m FV0=0


M_E
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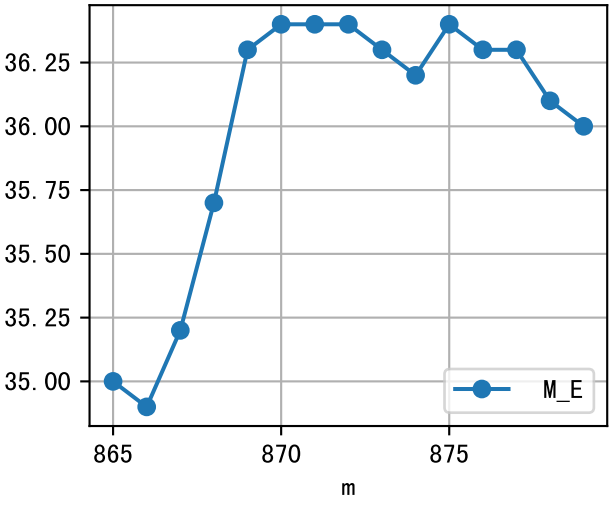
36.25
36.00
35.75
35.50
35.25
830
835
840
m=985,m FV0=0


M_E
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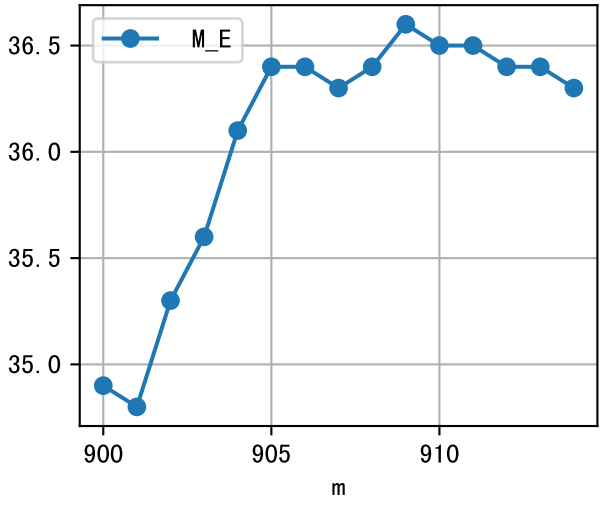
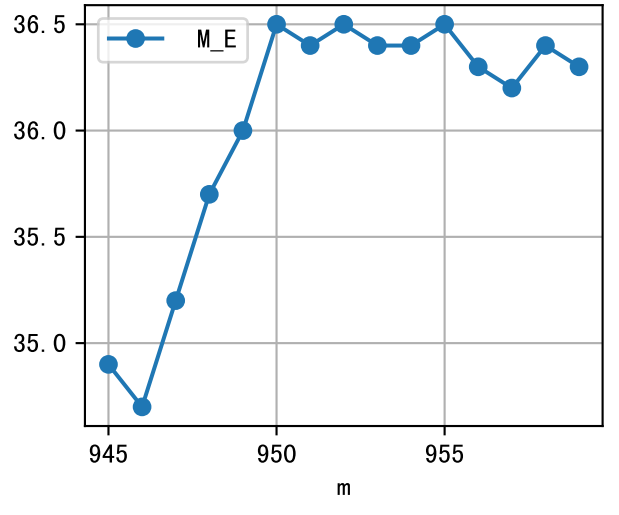
36.00
35.75
35.50
35.25
35.00
865
870
875
m


M_E
36.5
36.0
35.5
35.0
900
905
910
m


M_E
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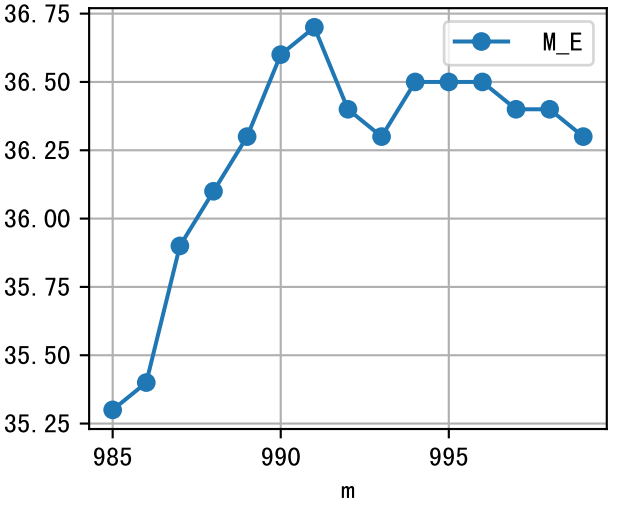
36.0
35.5
35.0
945
950
955
m


M_E
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36.50
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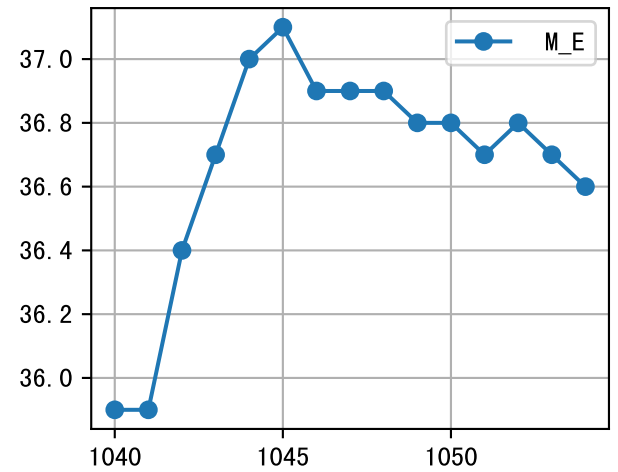
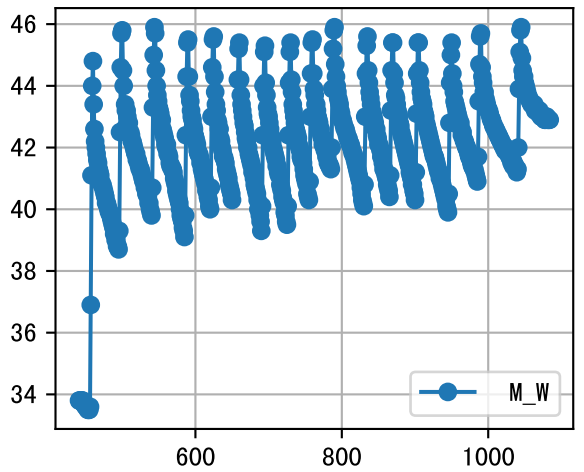
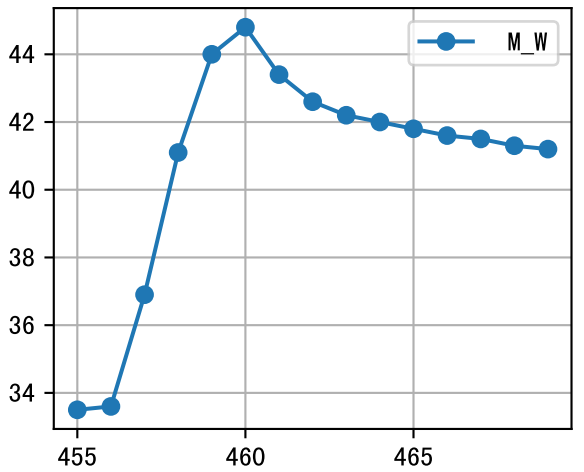
36.00
35.75
35.50
35.25
985
990
995
m

m=1040, FV0=0

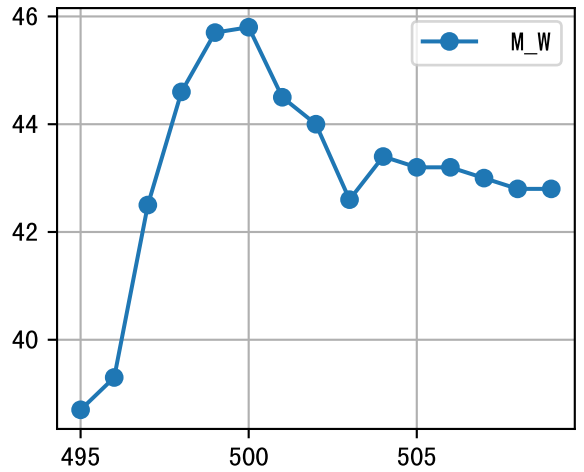




m=455, FV0=0



m=495, FV0=0



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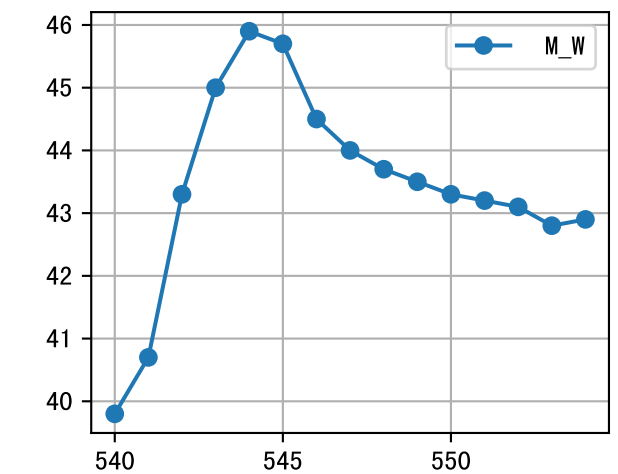

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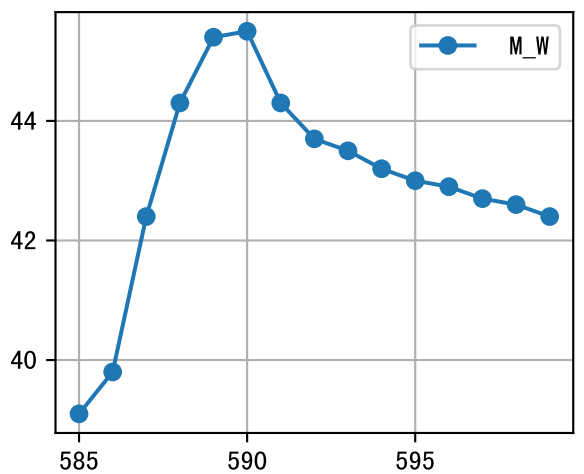
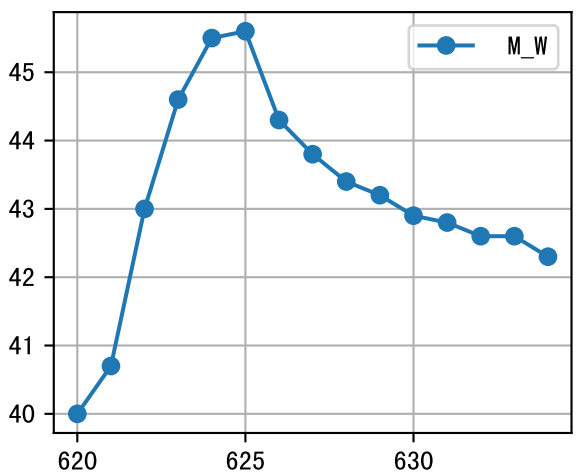
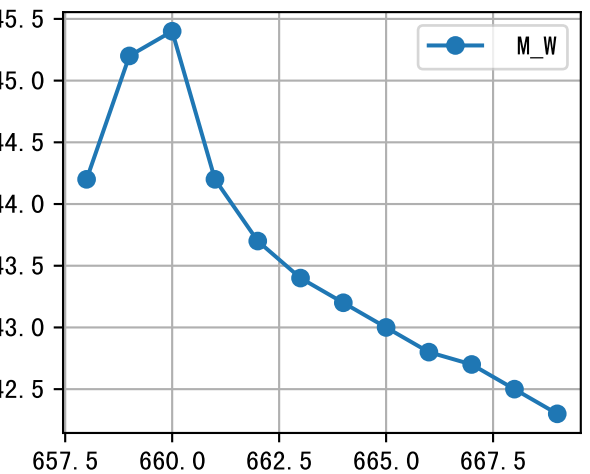


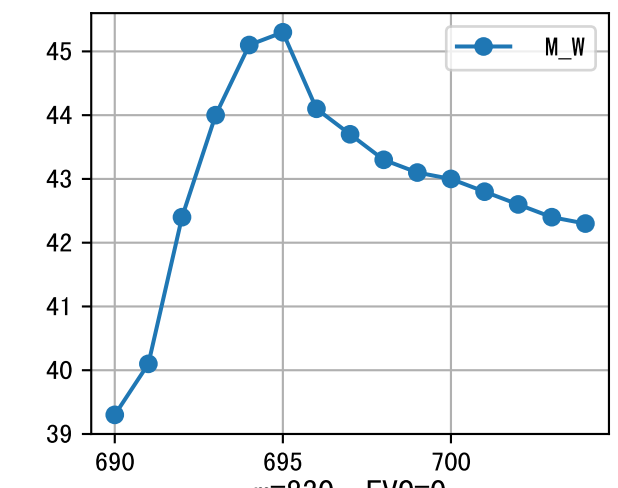
m=620,m FV0=0



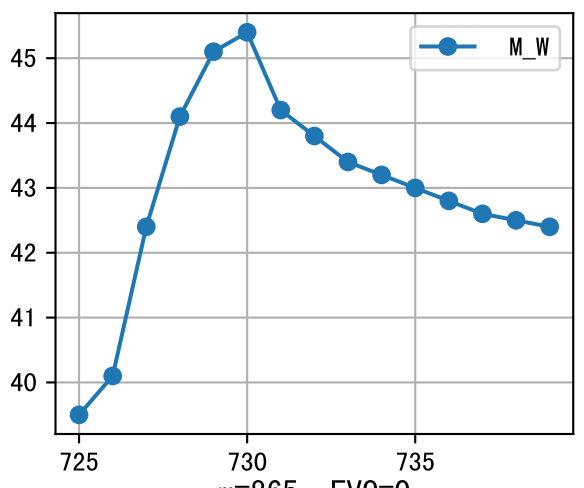
m=655,m FV0=0



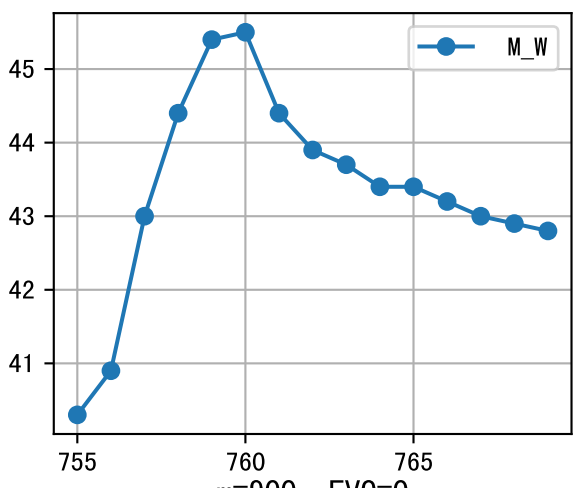
m=690,m FV0=0



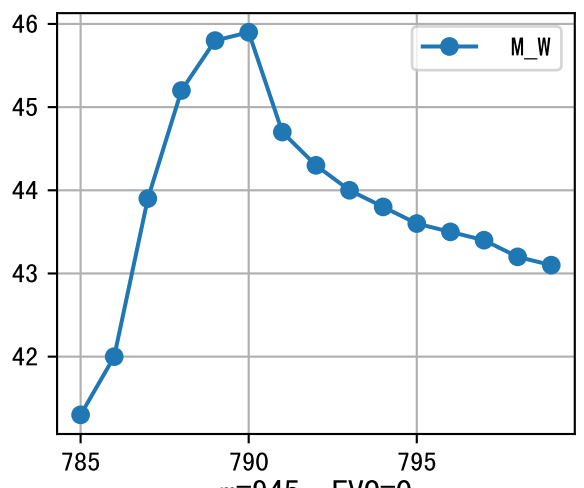
m=725,m FV0=0



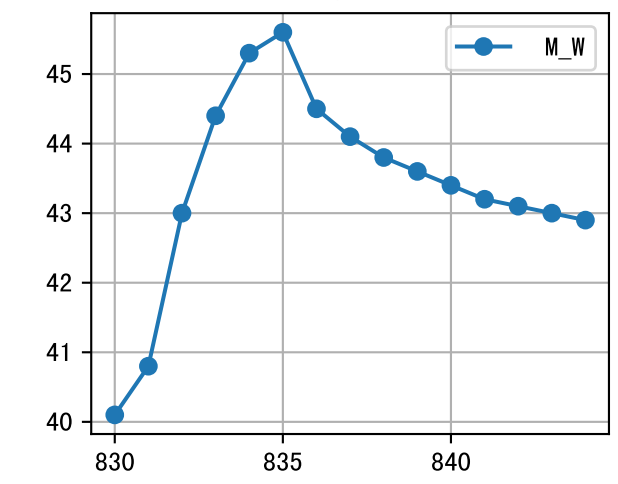
m=755,m FV0=0



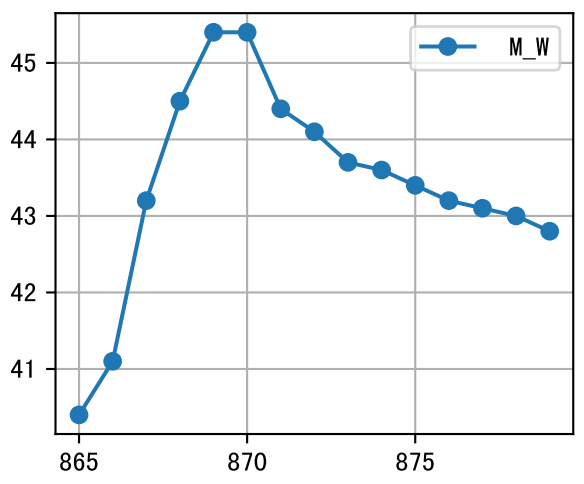
m=785,m FV0=0



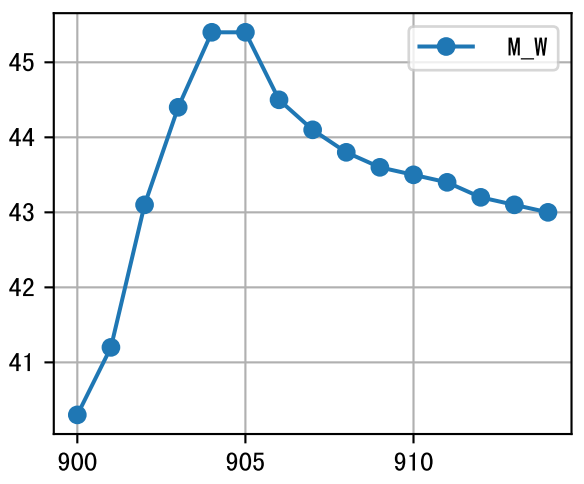
m=830,m FV0=0



m=865,m FV0=0



m=900,m FV0=0



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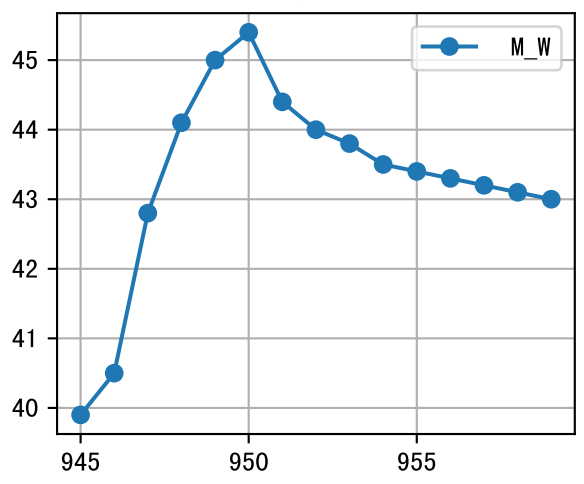

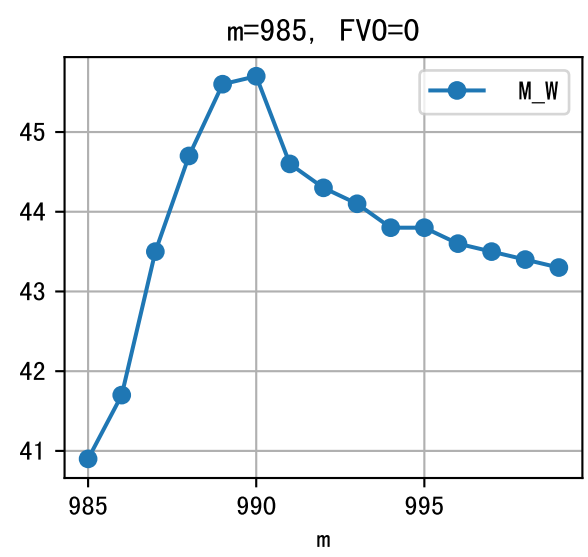
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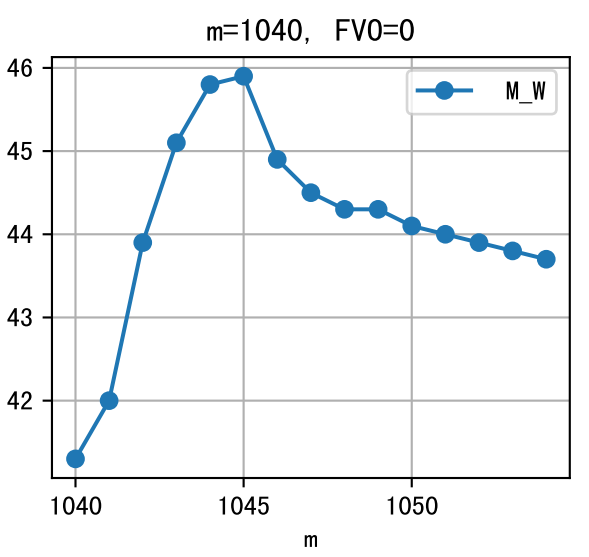
43
42
41
985
990
995
m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42
1040
1045
1050
m