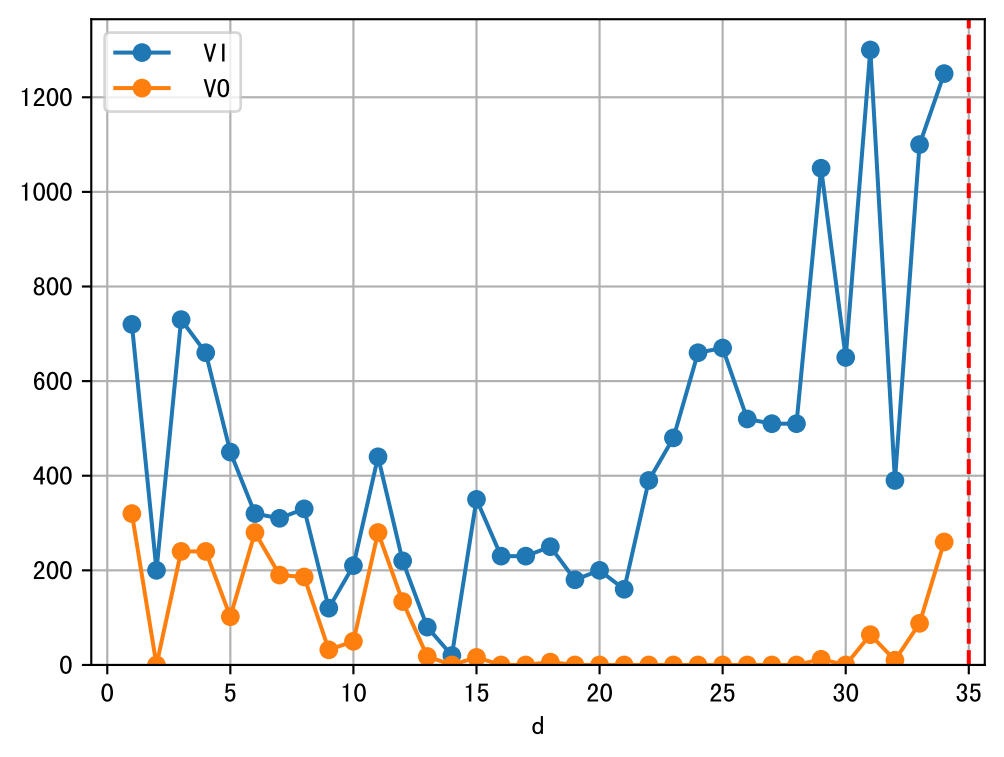
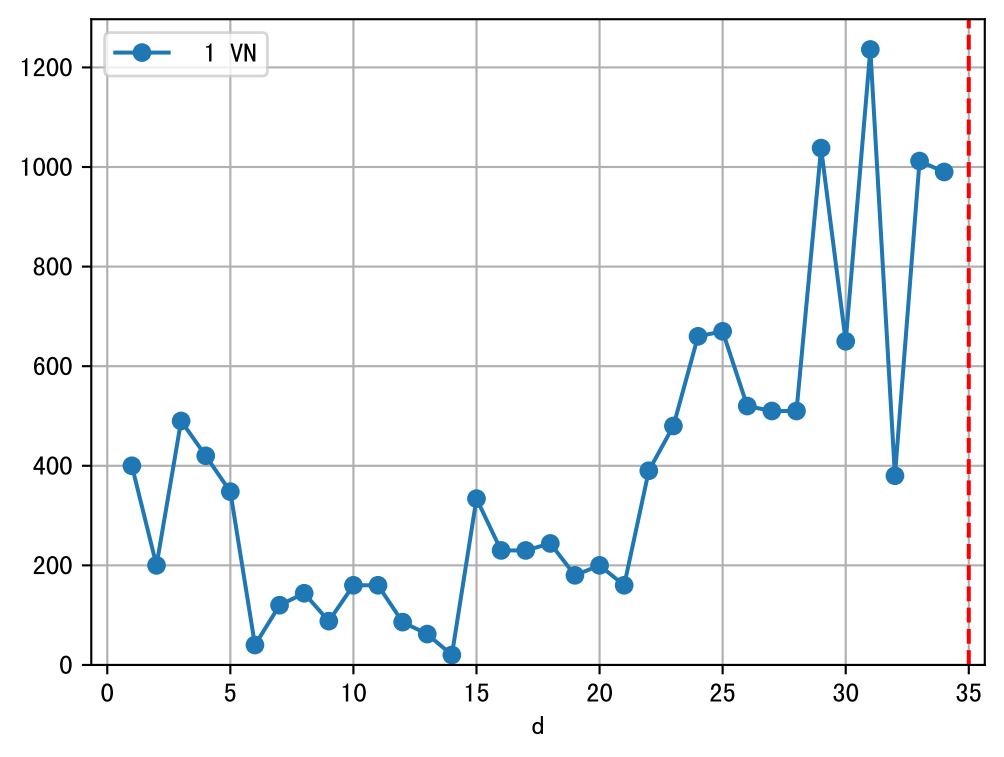
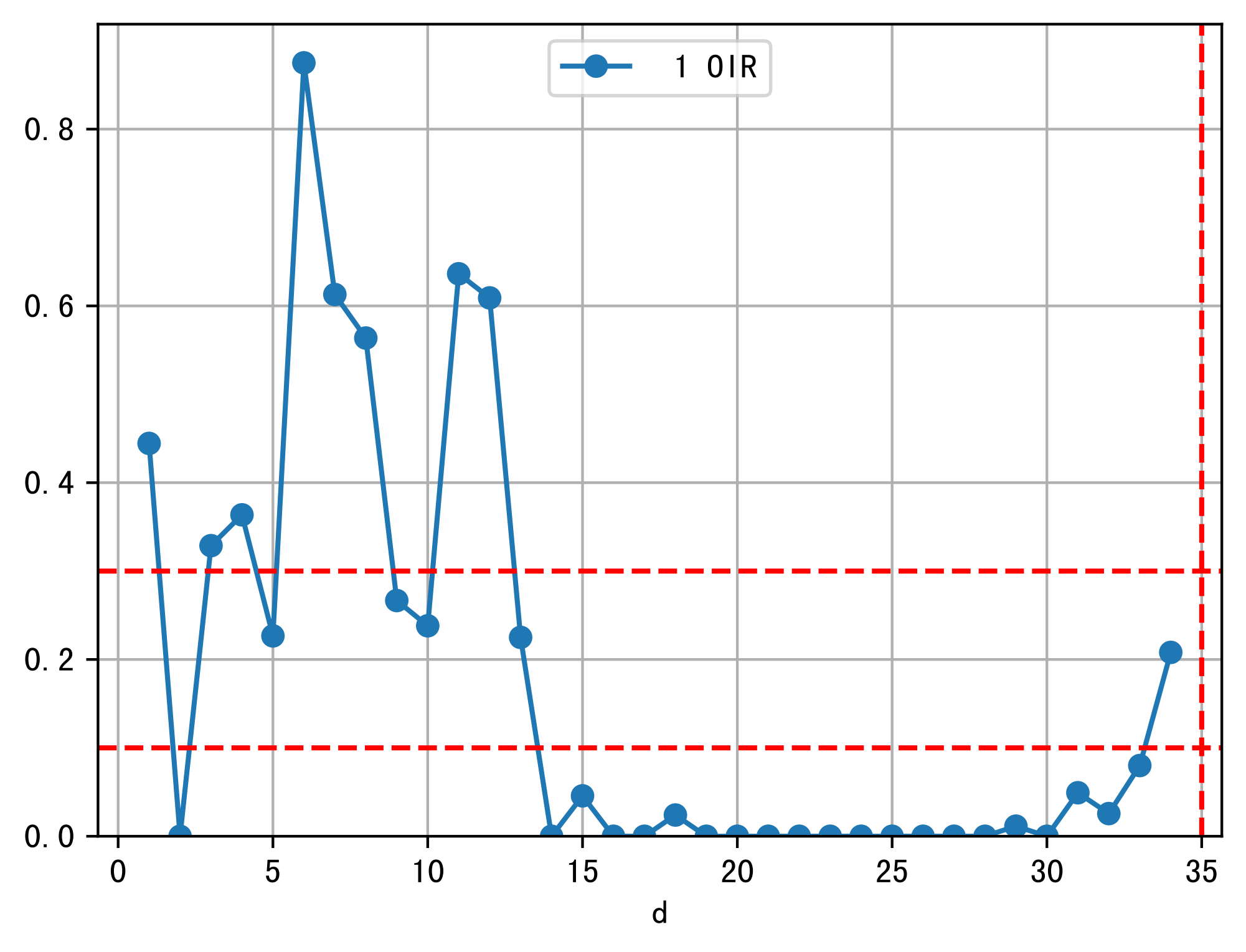
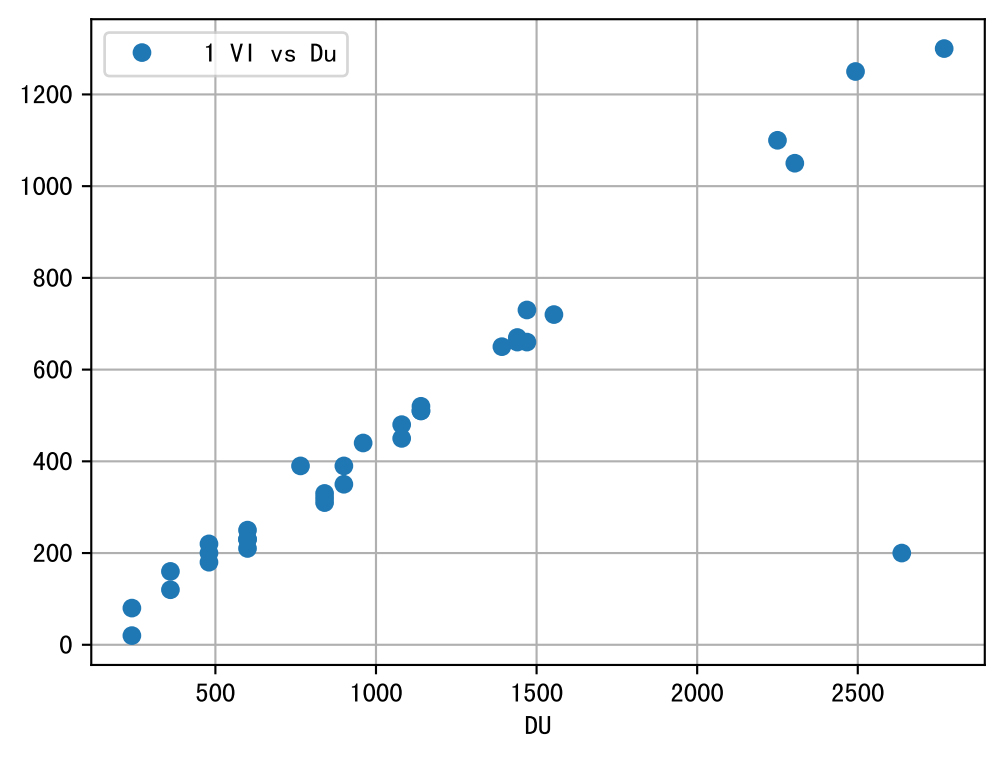
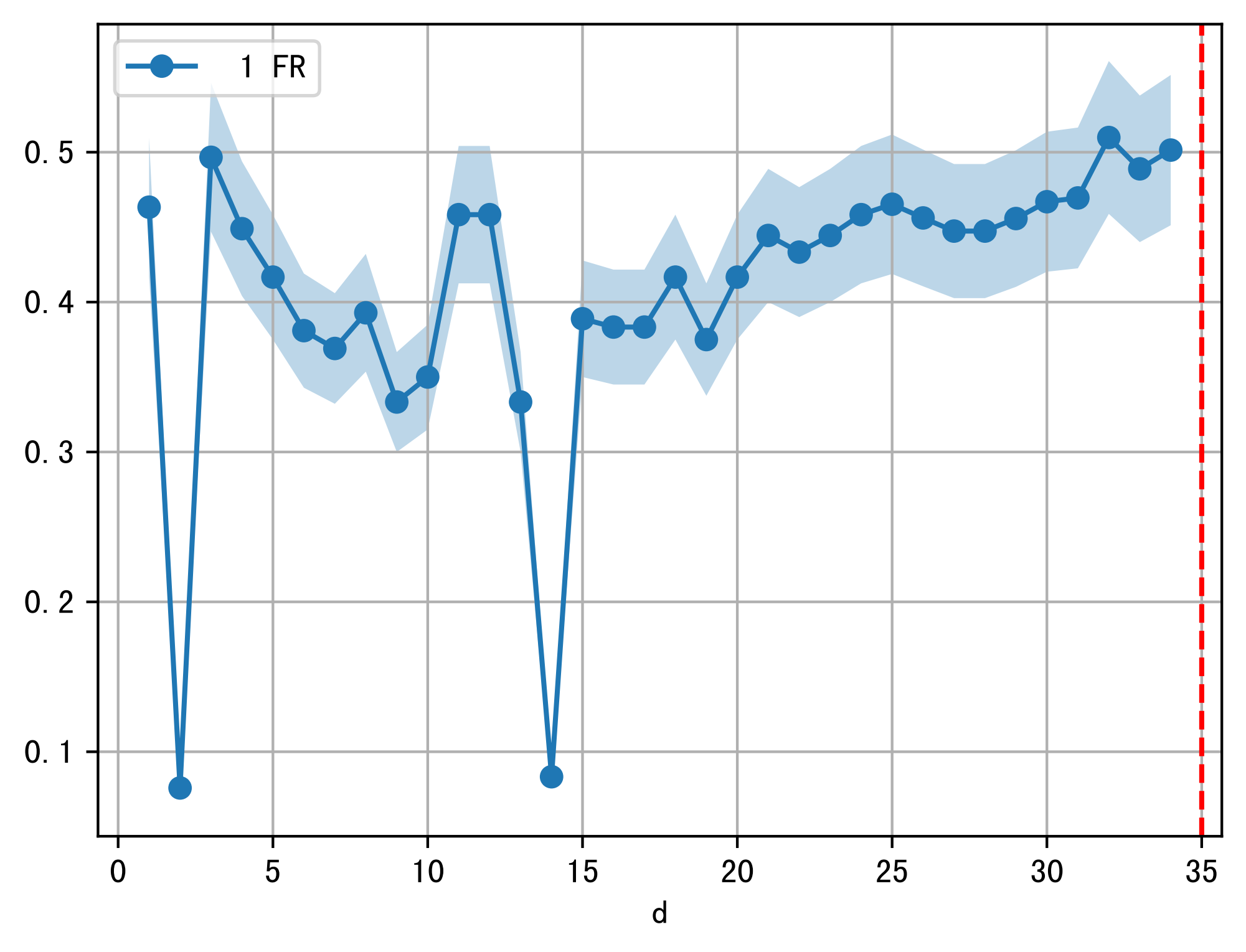
FgArea: ['0']
NC11 P3-13
2025-05-05 (Day 35)

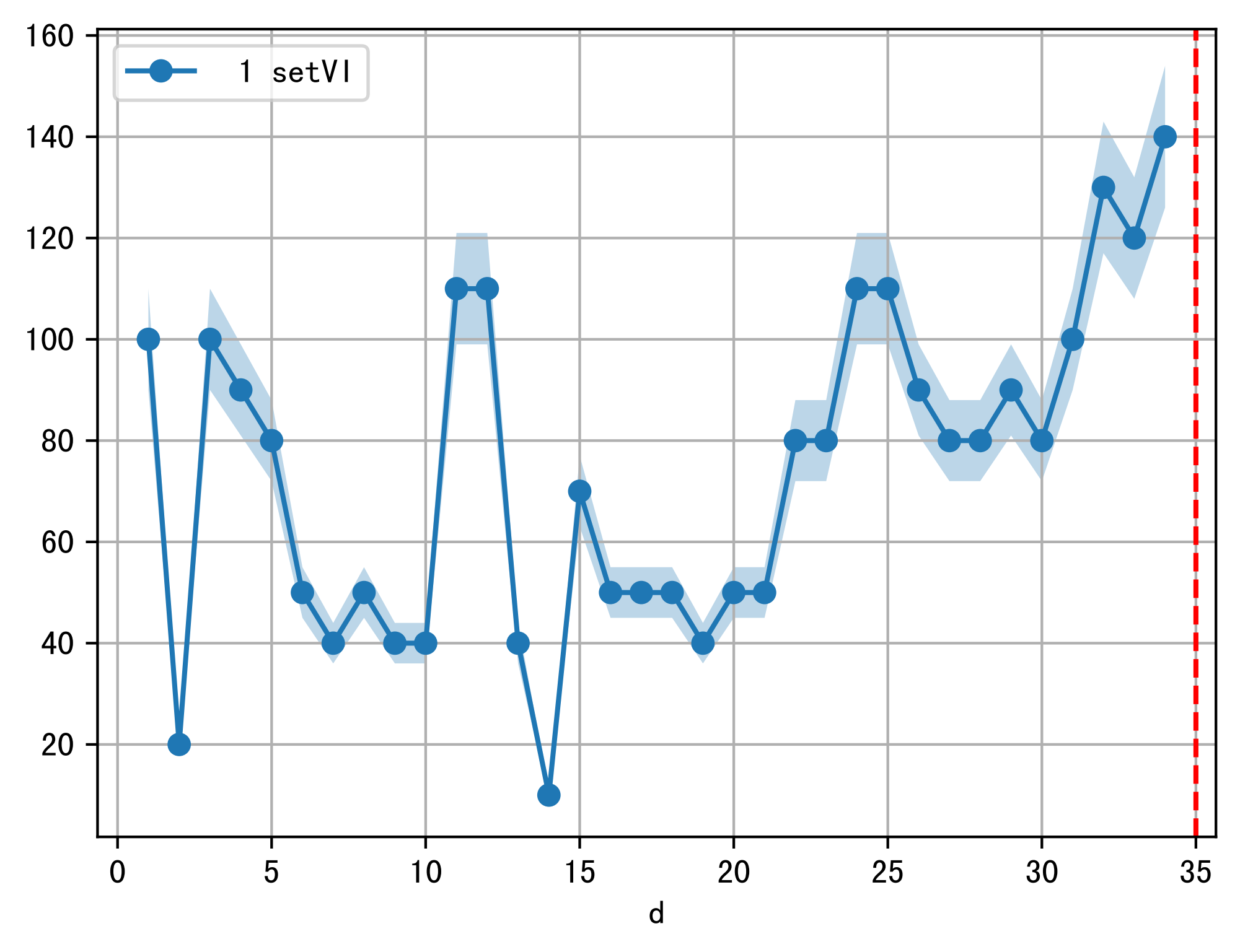

VI
V0
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
d

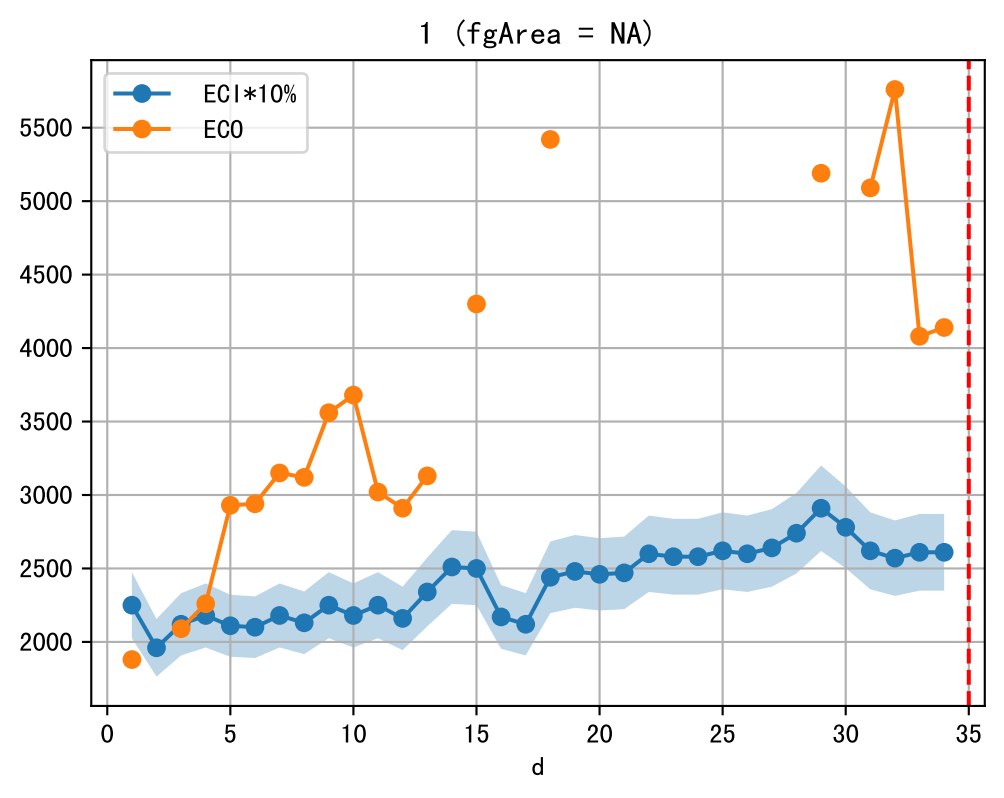

1 VN
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
d

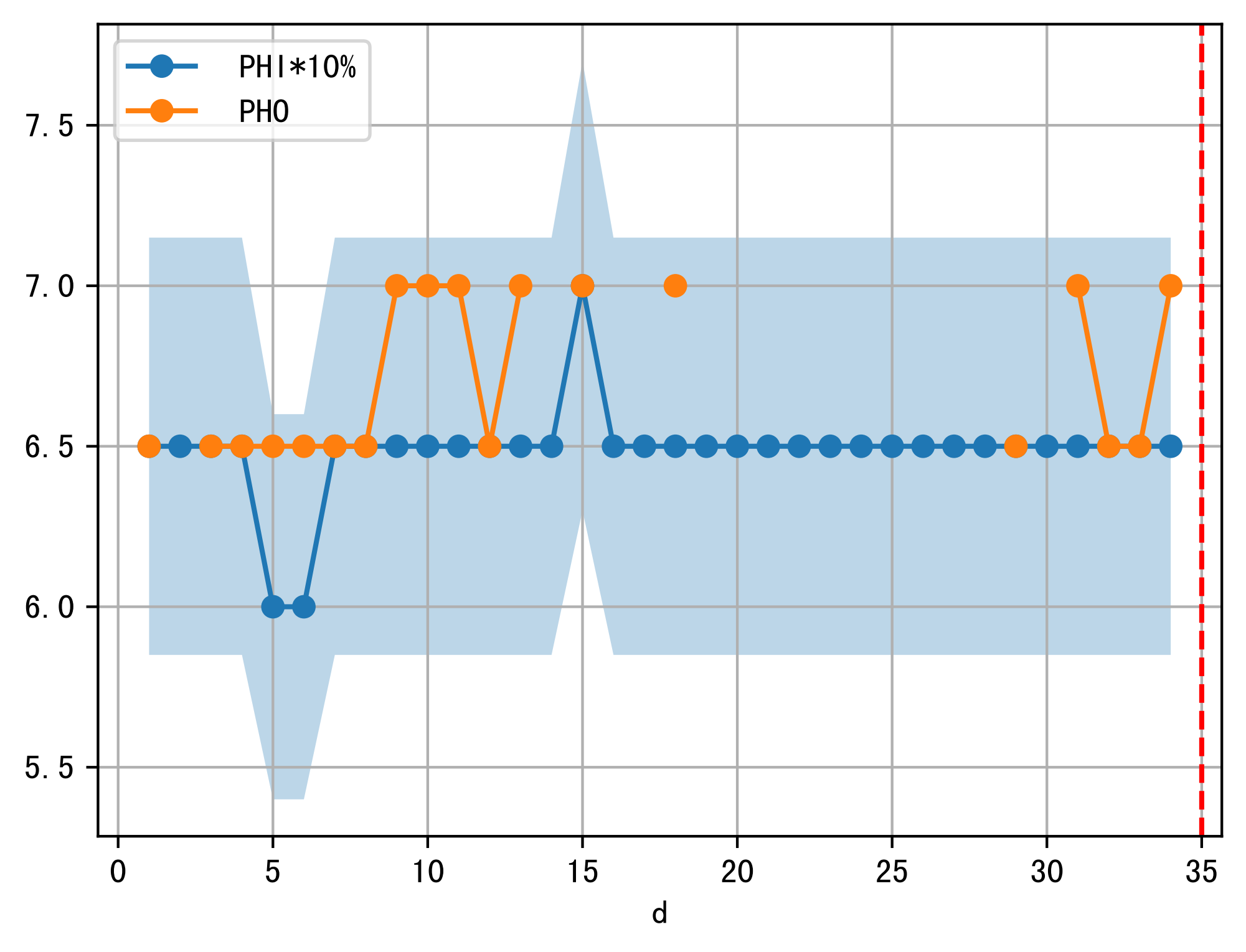

1 0IR
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
d

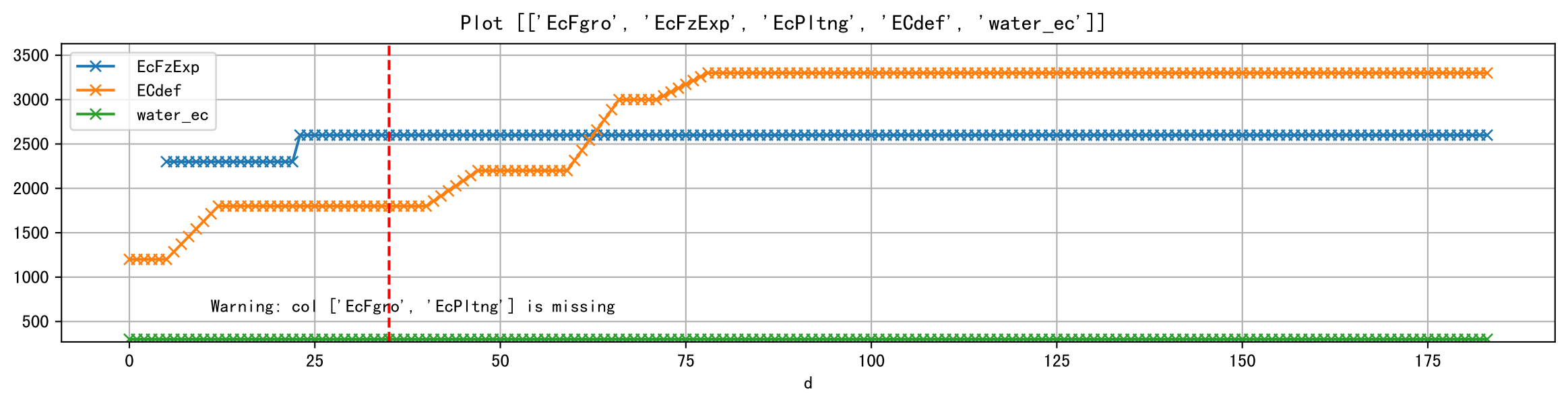

1 VI vs Du
1200
1000
800
600
400
200
0
500
1000
1500
2000
2500
DU

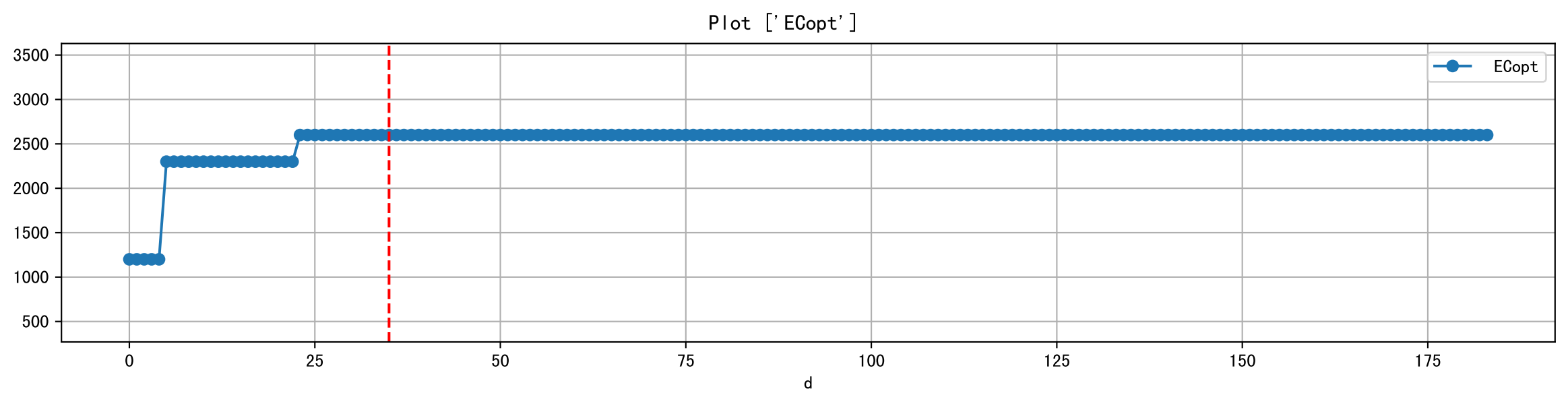

1 FR
0.5
0.4
0.3
0.2
0.1
0
5
10
15
20
25
30
35
d


1 setVI
160
140
120
100
80
60
40
20
0
5
10
15
20
25
30
35
d

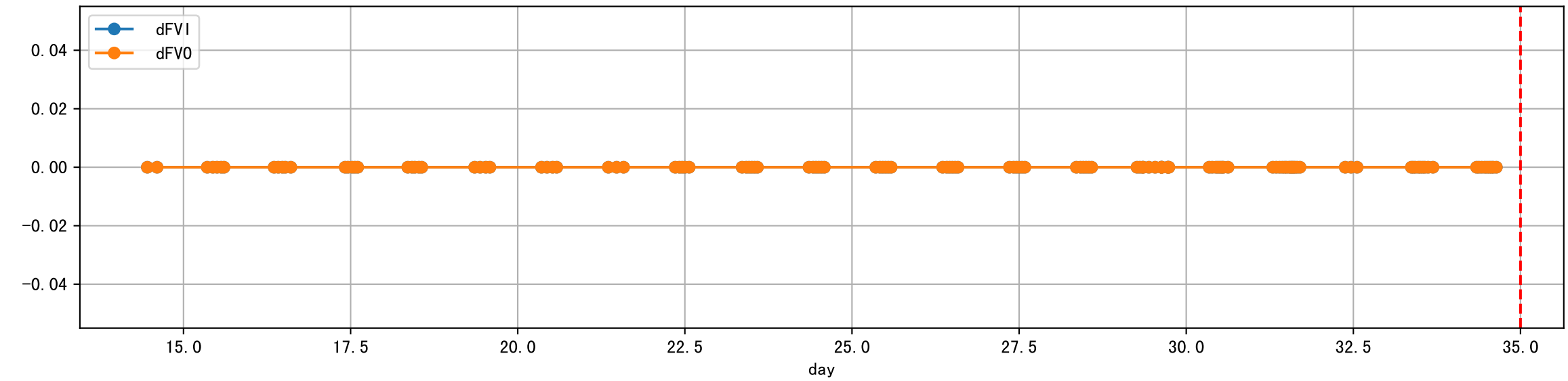

1 (fgArea = NA)
ECI*10%
ECO
5500
5000
4500
4000
3500
3000
2500
2000
0
5
10
15
20
25
30
35
d

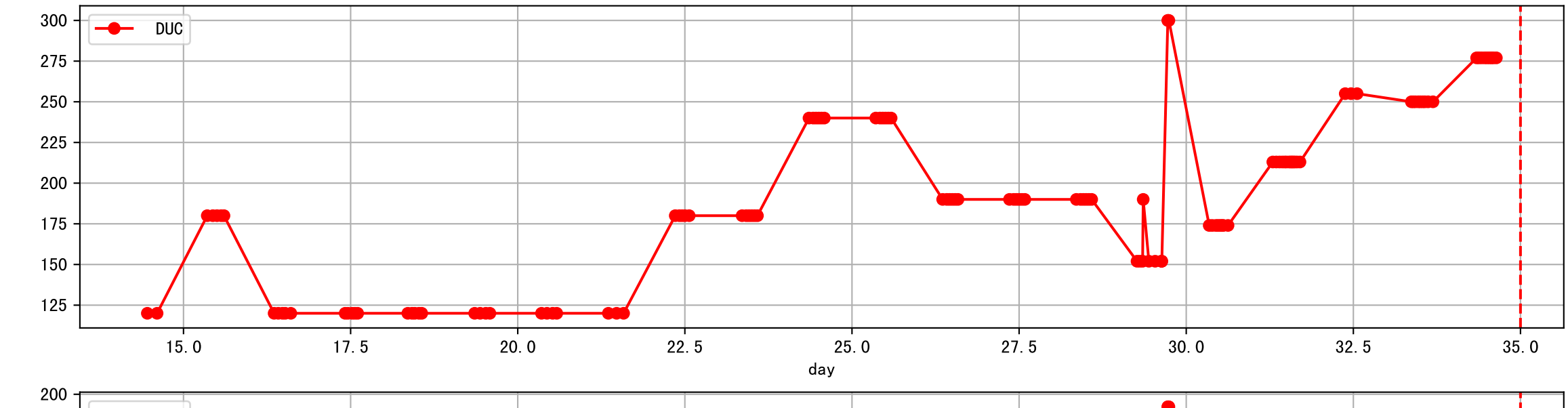

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
5
10
15
20
25
30
35
d

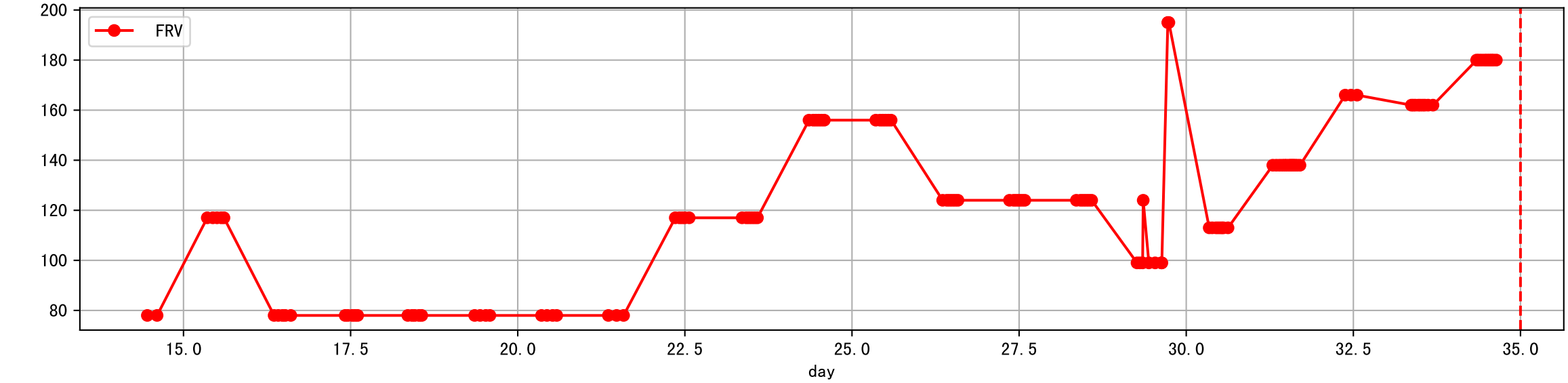

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

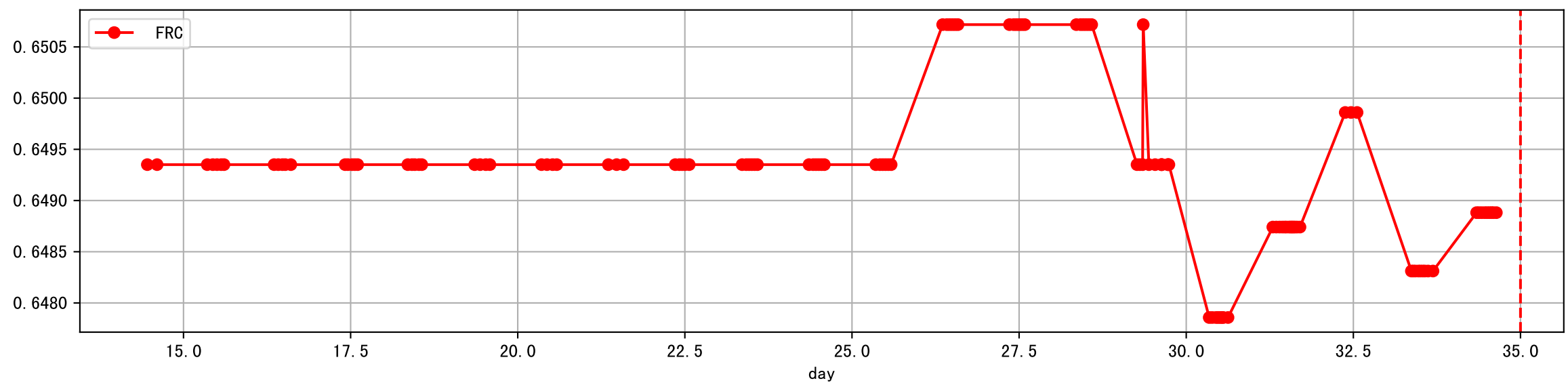

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

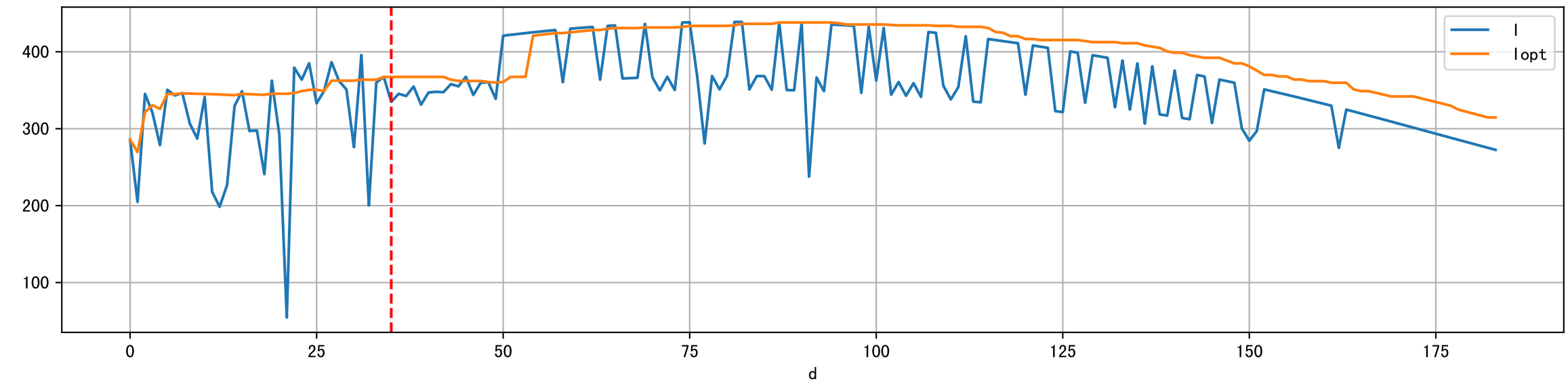


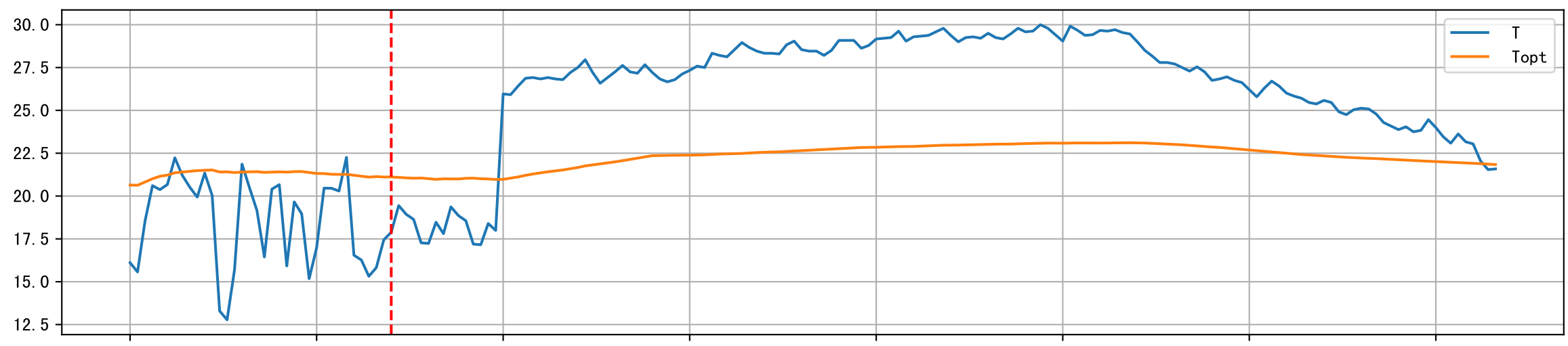


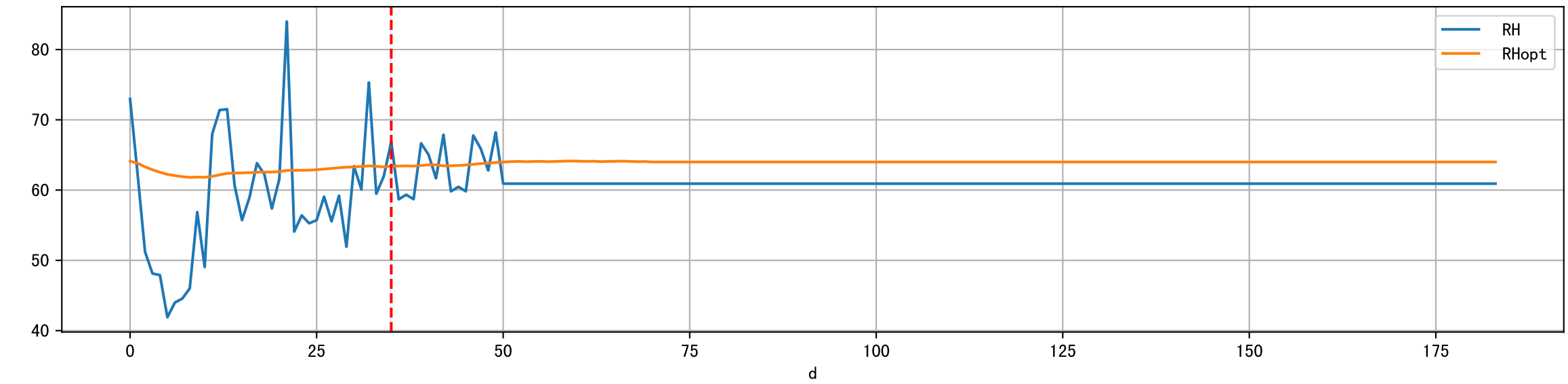


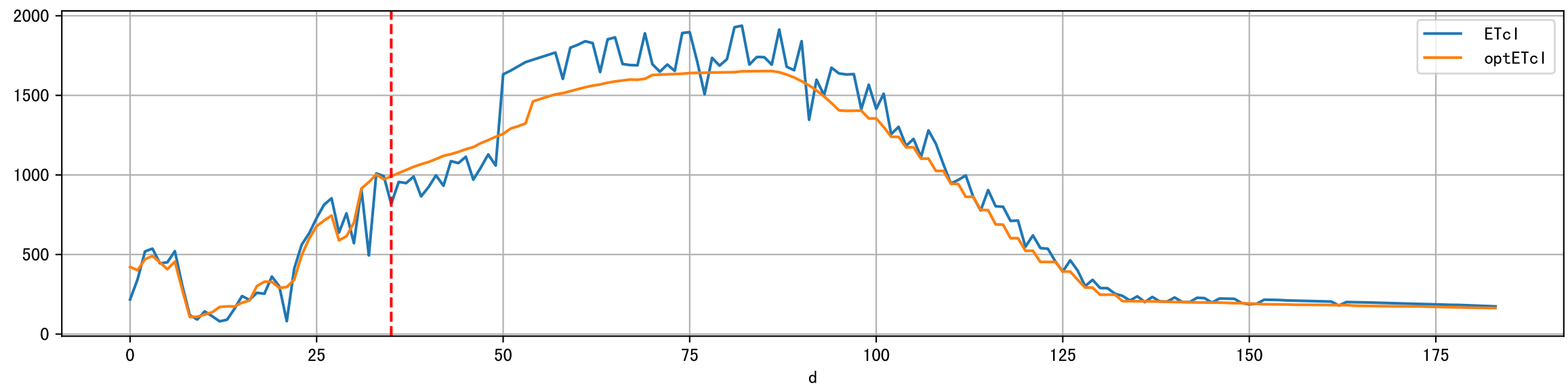


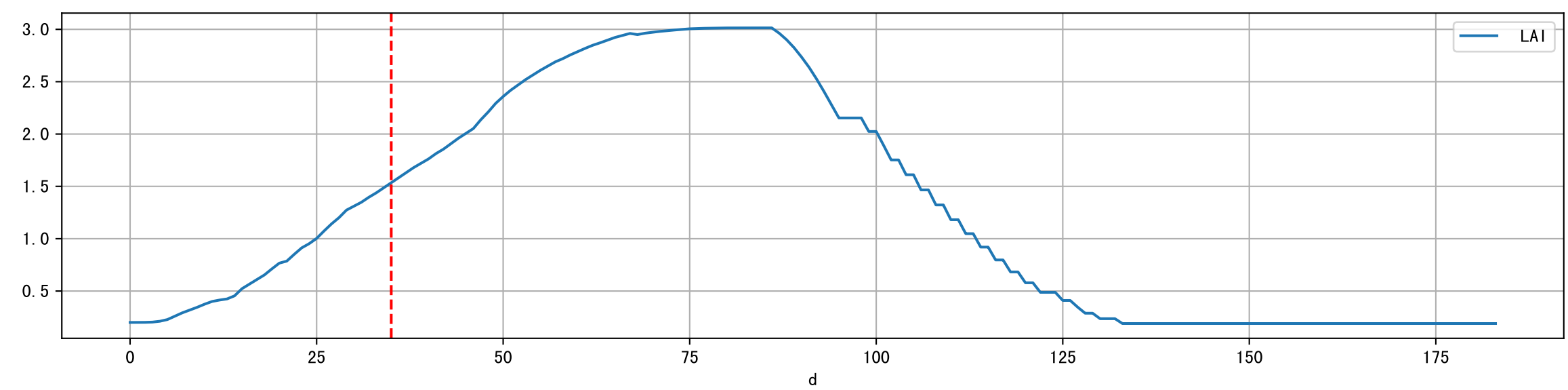
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

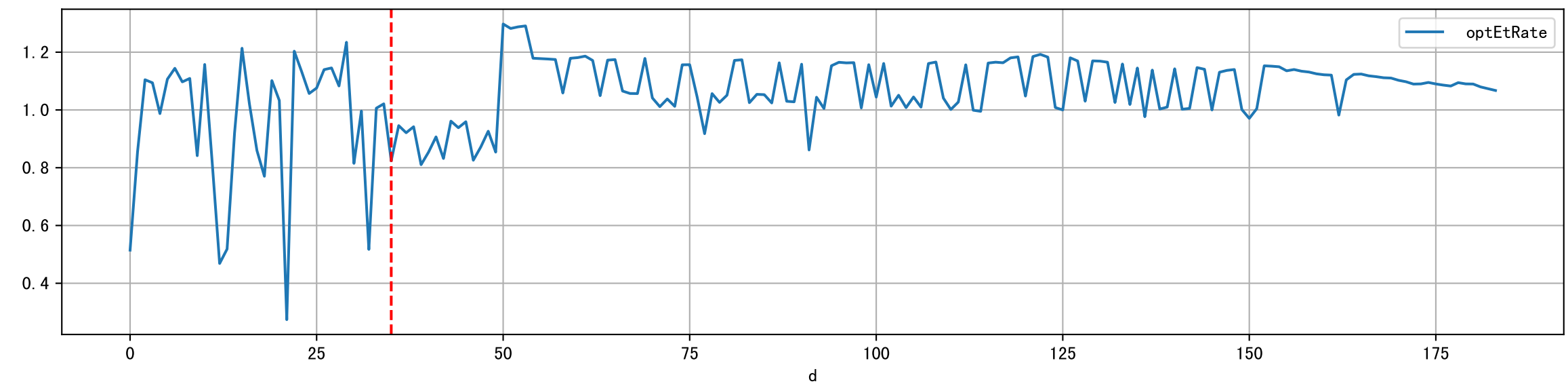


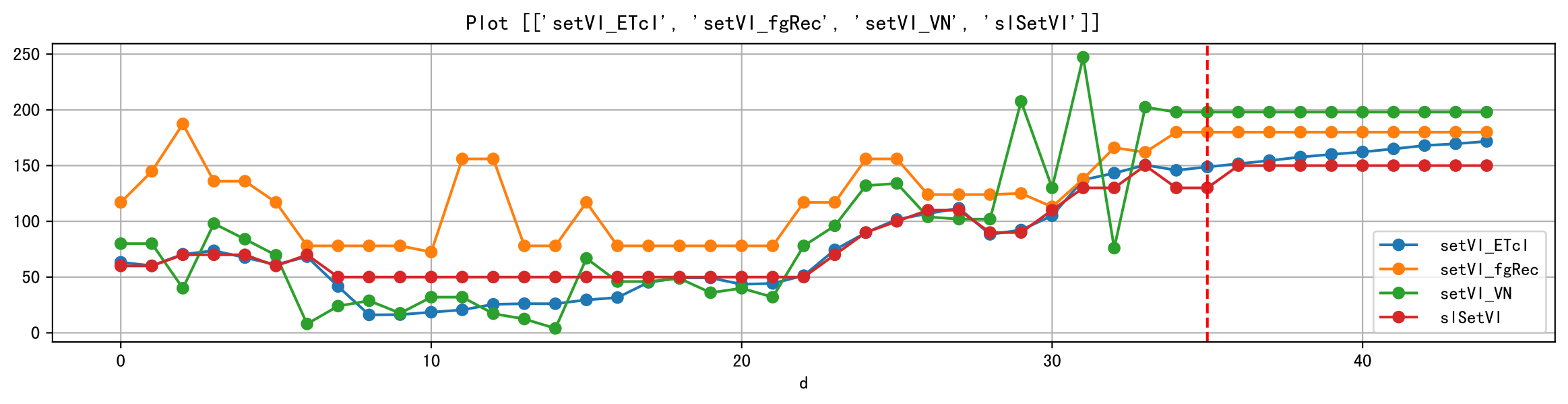


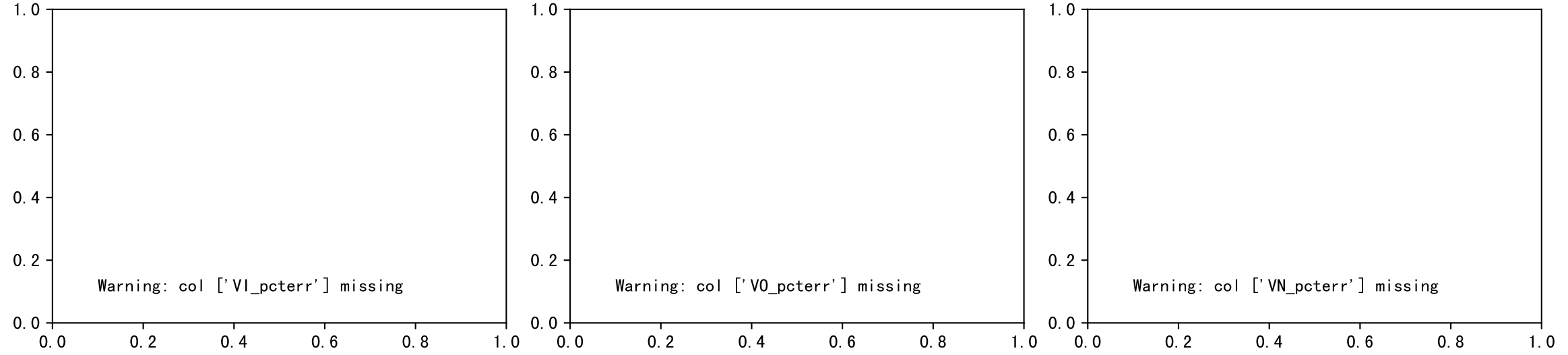


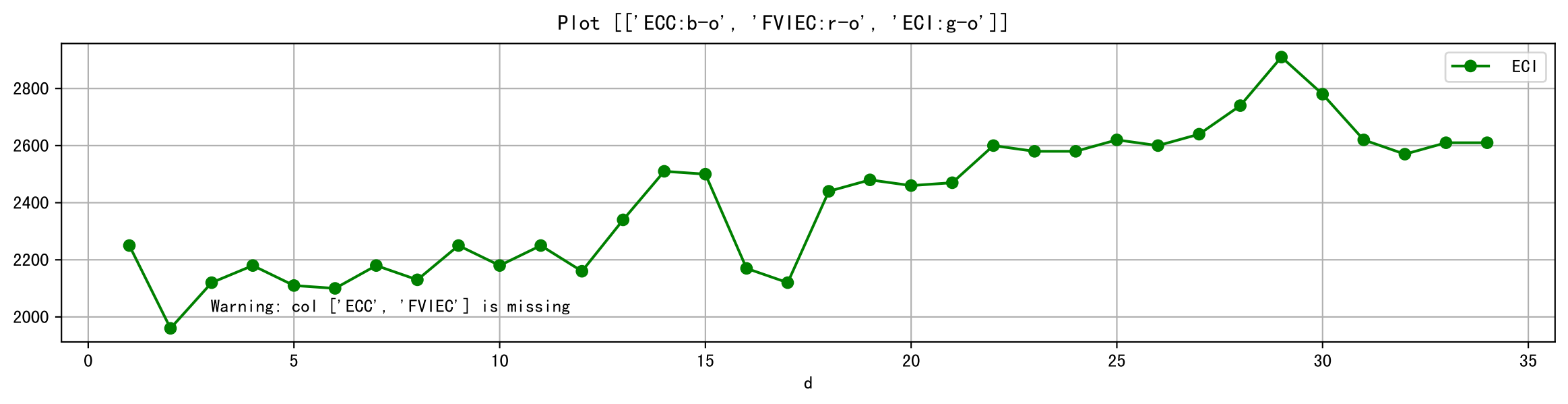


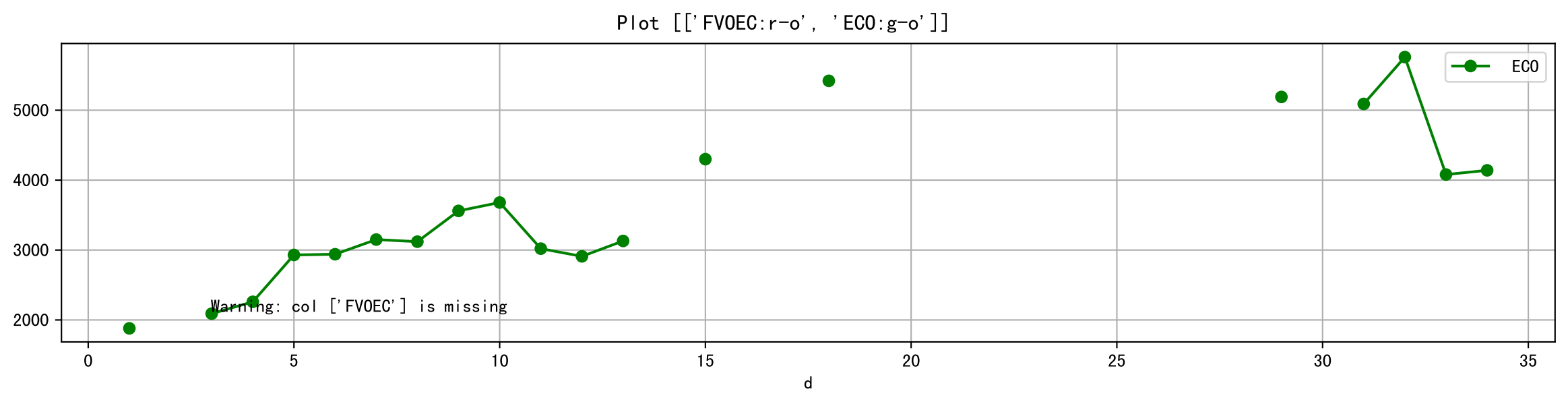


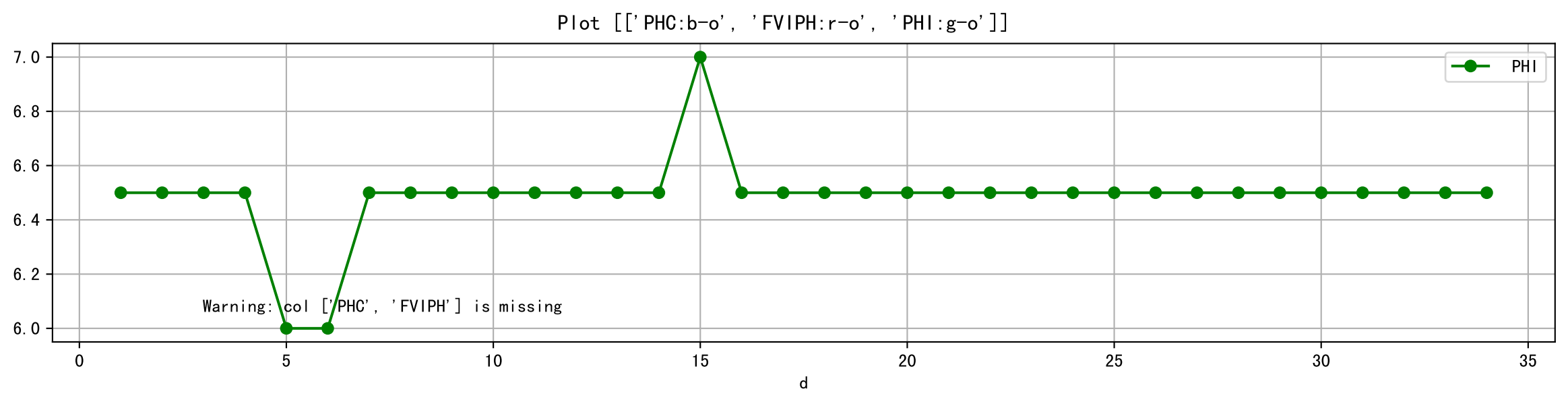


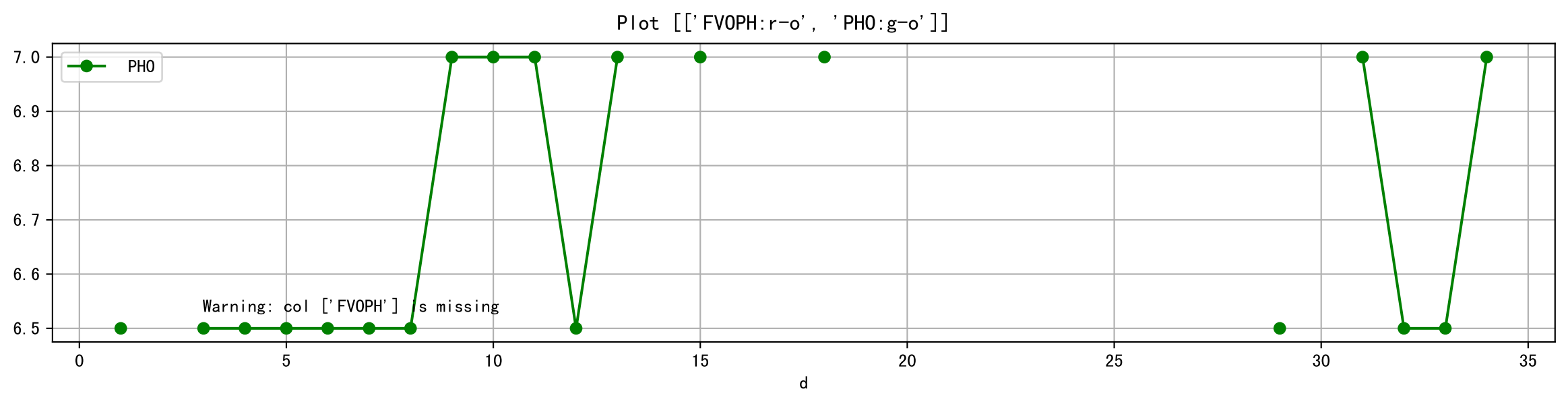

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
250
200
150
100
50
0
0
10
20
30
40
d
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI

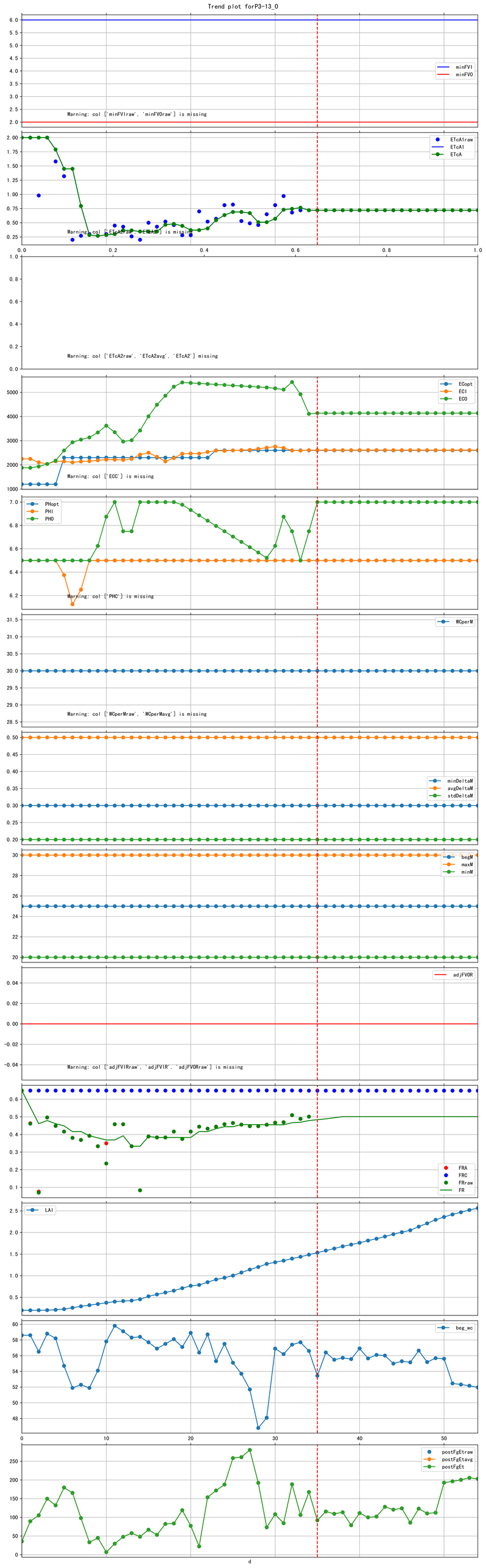

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

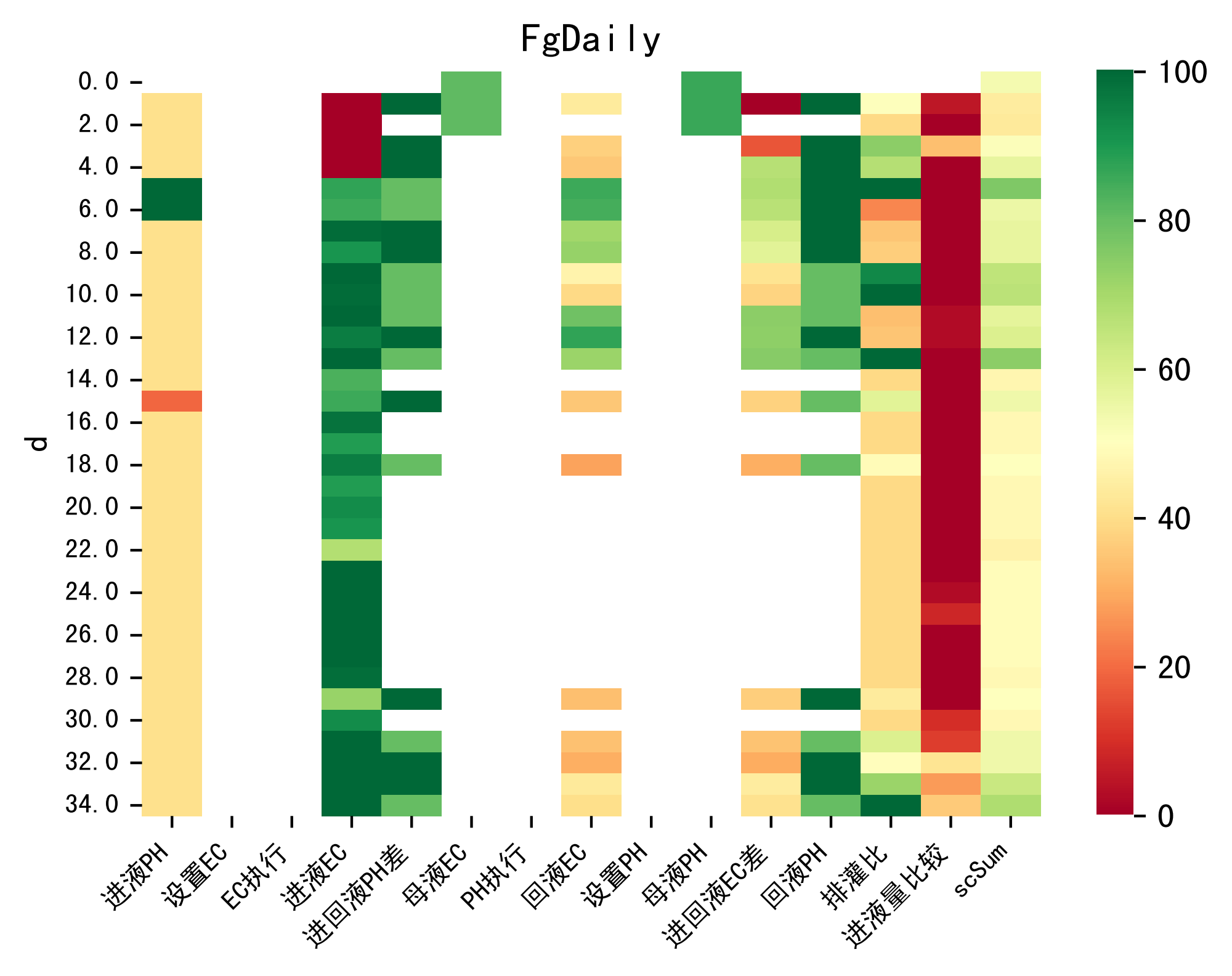

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2800
2600
2400
2200
2000
0
5
10
15
20
25
30
35
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
0
5
10
15
20
25
30
35
d

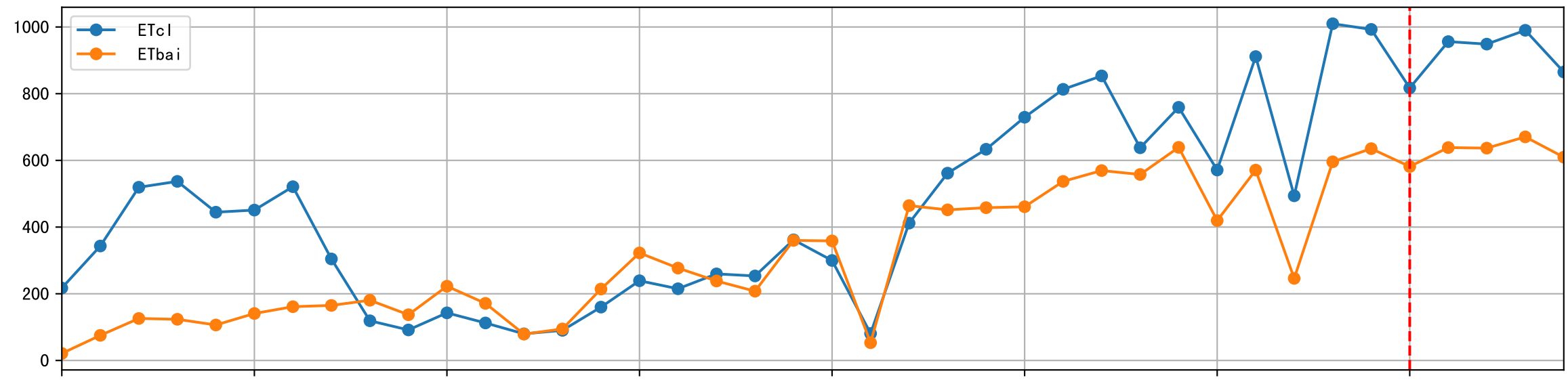

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
5
10
15
20
25
30
35
d

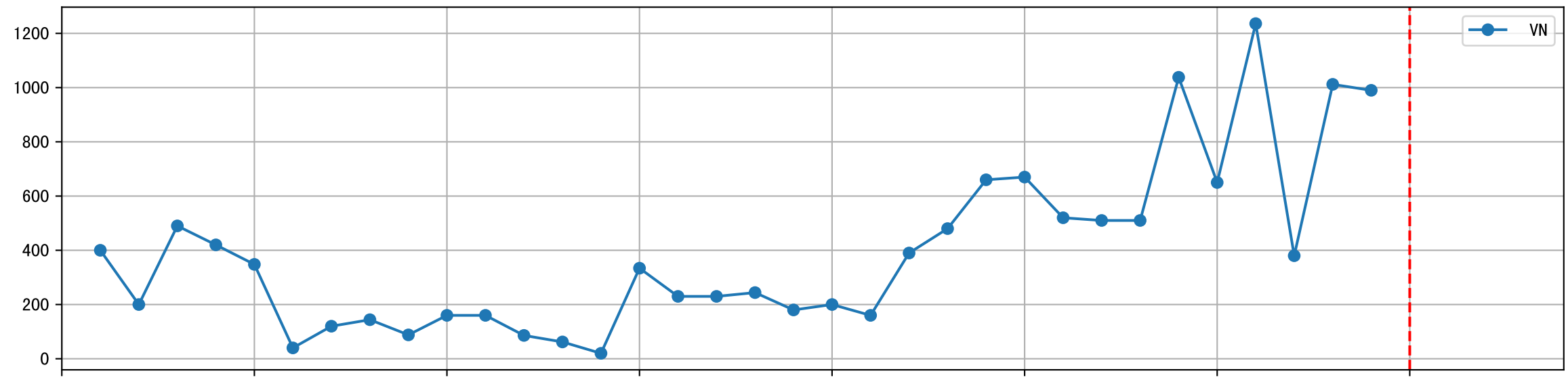

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
5
10
15
20
25
30
35
d

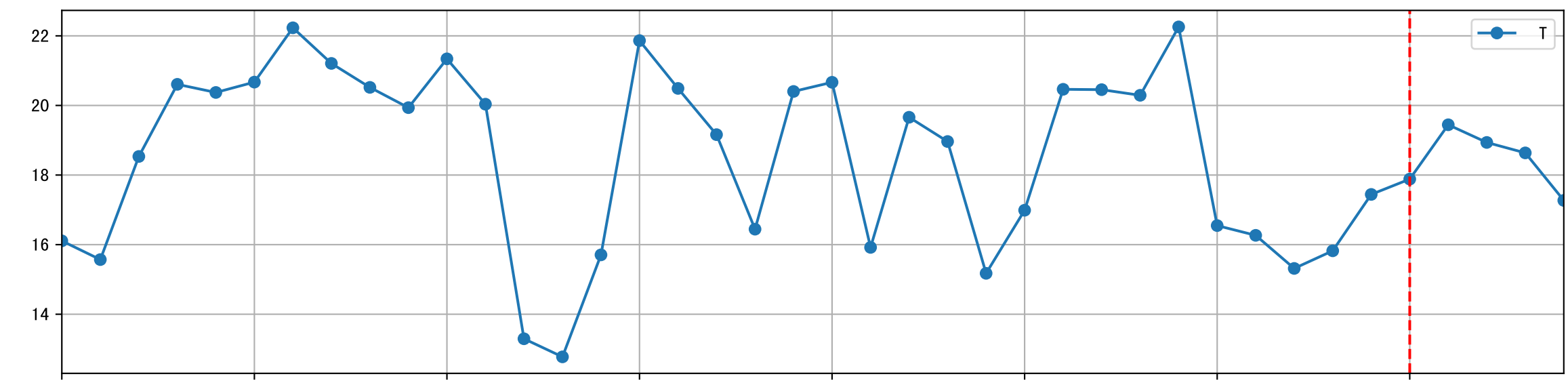

Trend plot forP3-13_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
EC0pt
EC0
EC0
Warning: col ['EC0'] is missing
PHopt
PH0
PH0
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFV0R
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFV0Rraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

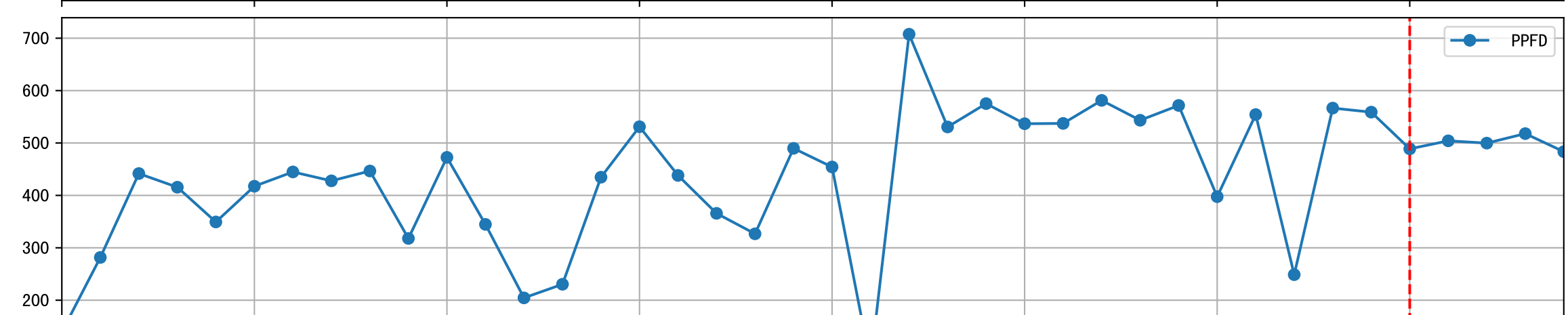

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
100
80
60
40
20
0
进液PH
设置EC
EC执行
进液EC
进回液PH差
母液EC
PH执行
回液EC
设置PH
母液PH
进回液EC差
回液PH
排灌比
进液量比较
scSum

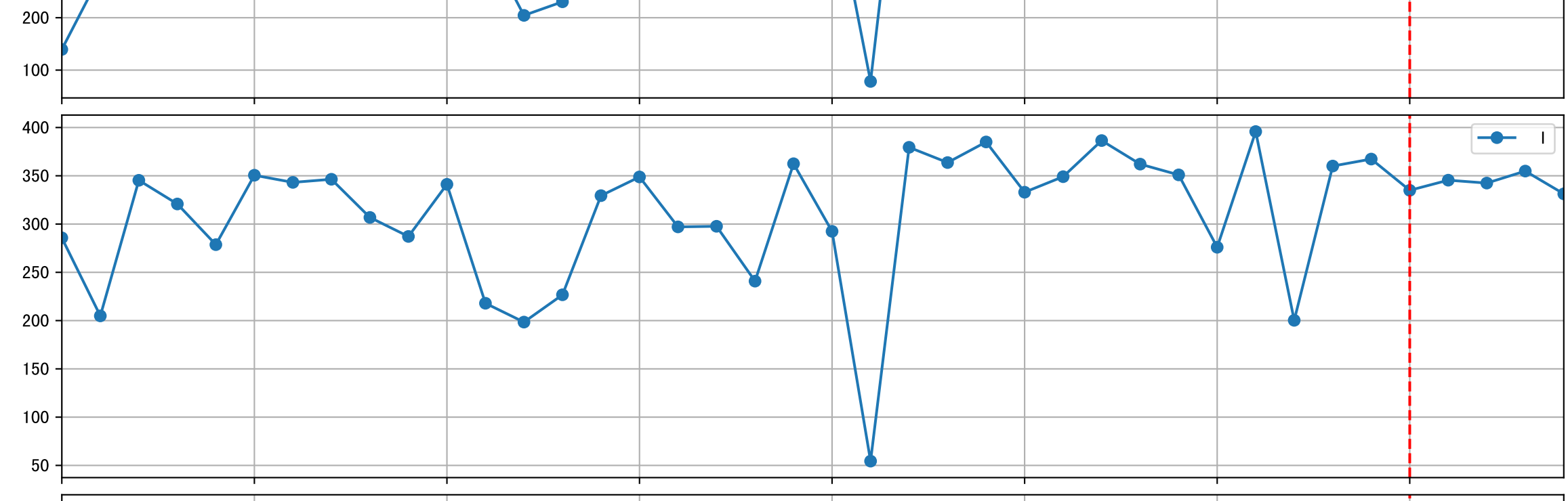
P3-13_0

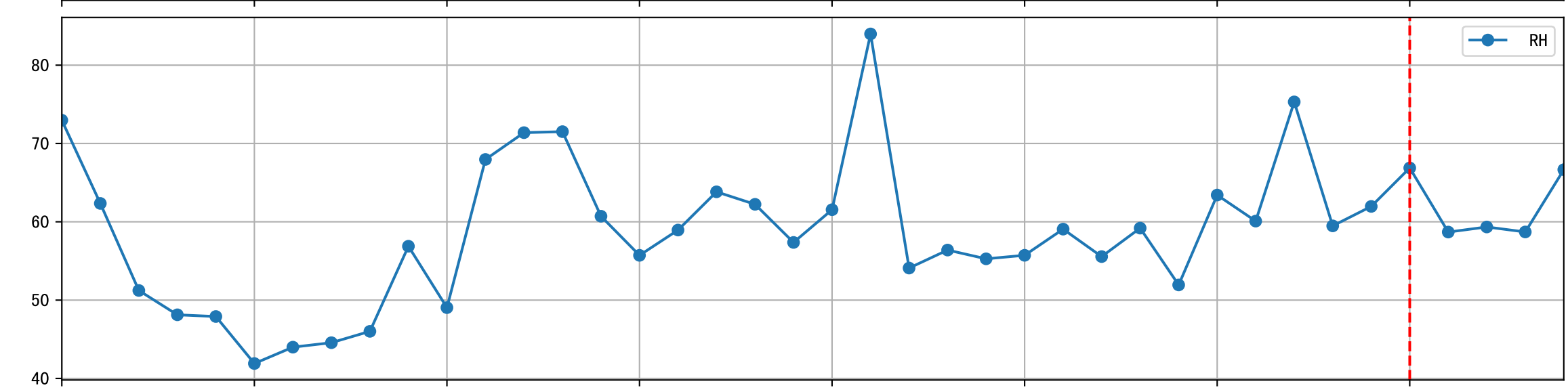


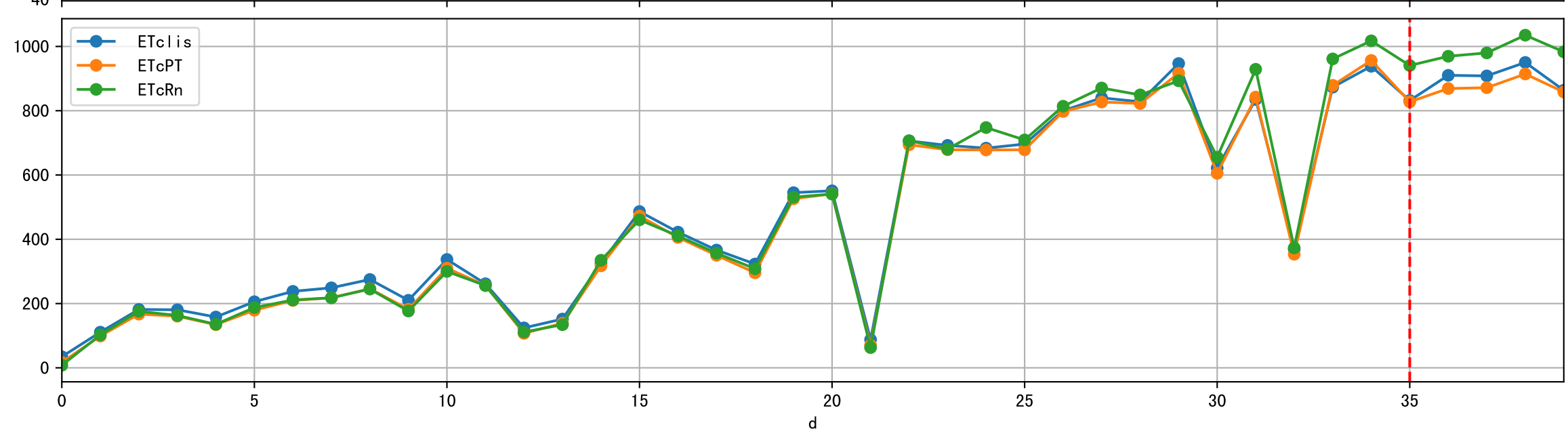


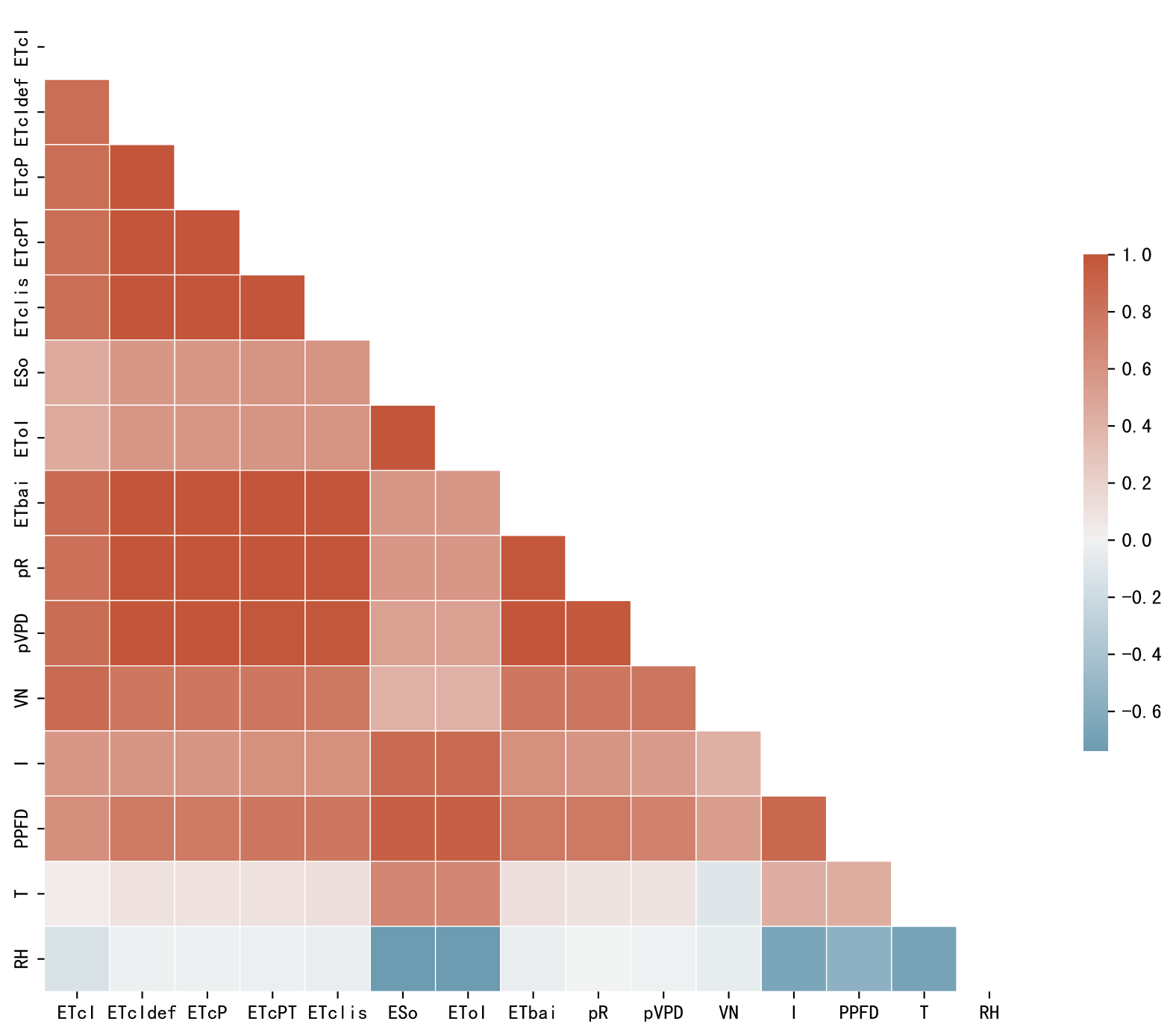


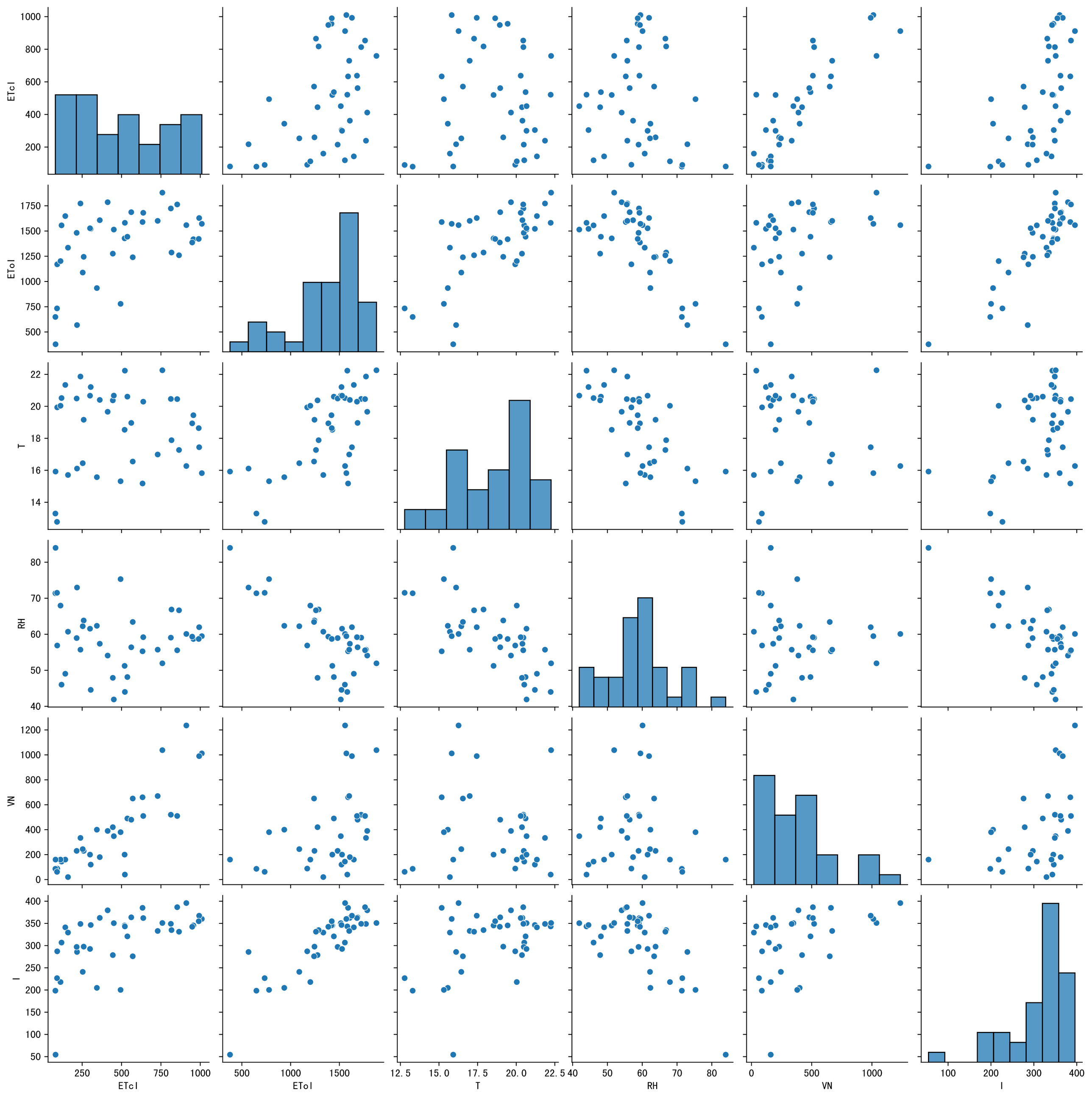


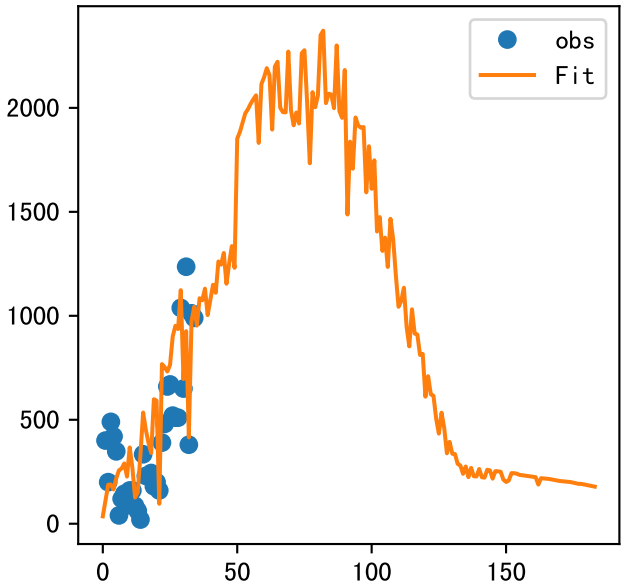


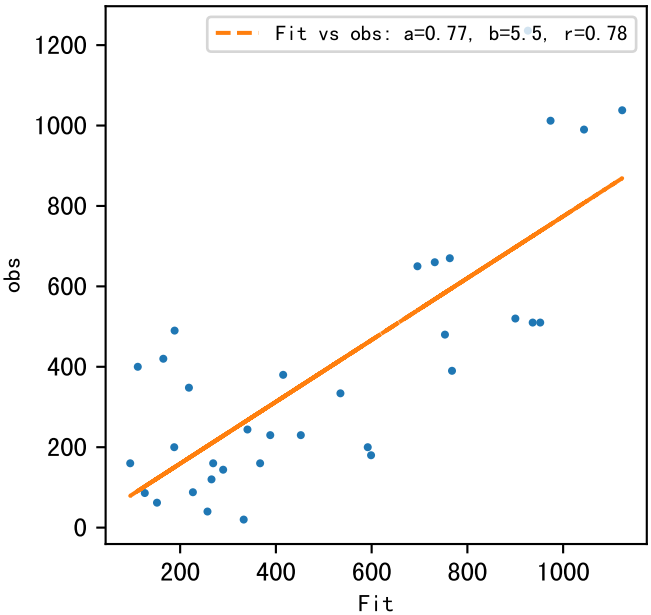




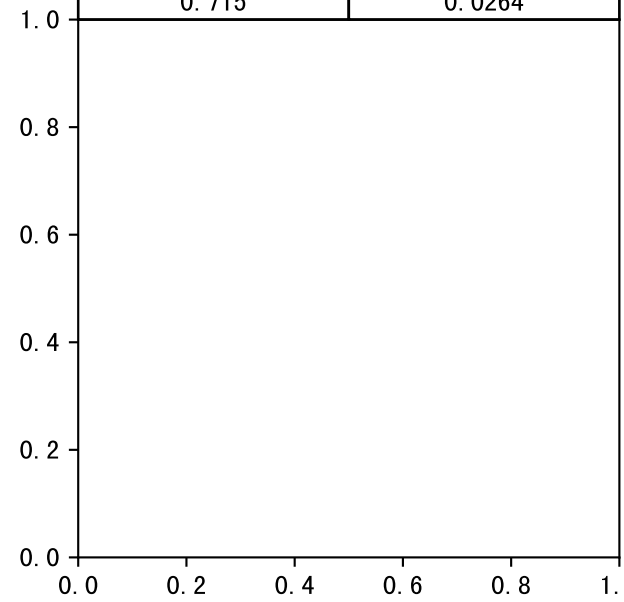

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

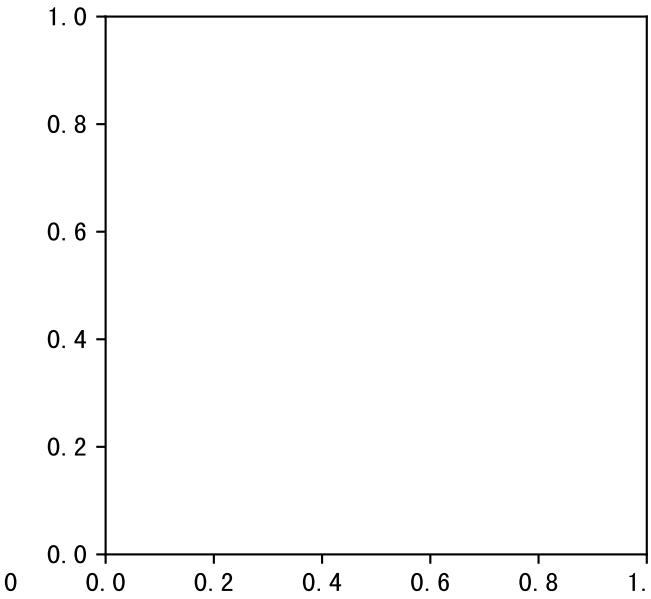

ETcI
ETsI
T
RH
VN
I
1000
800
600
400
200
1750
1500
1250
1000
750
500
22
20
18
16
14
80
70
60
50
40
1200
1000
800
600
400
200
0
400
350
300
250
200
150
100
50
250
500
750
1000
500
1000
1500
12.5
15.0
17.5
20.0
22.5
40
50
60
70
80
0
500
1000
100
200
300
400

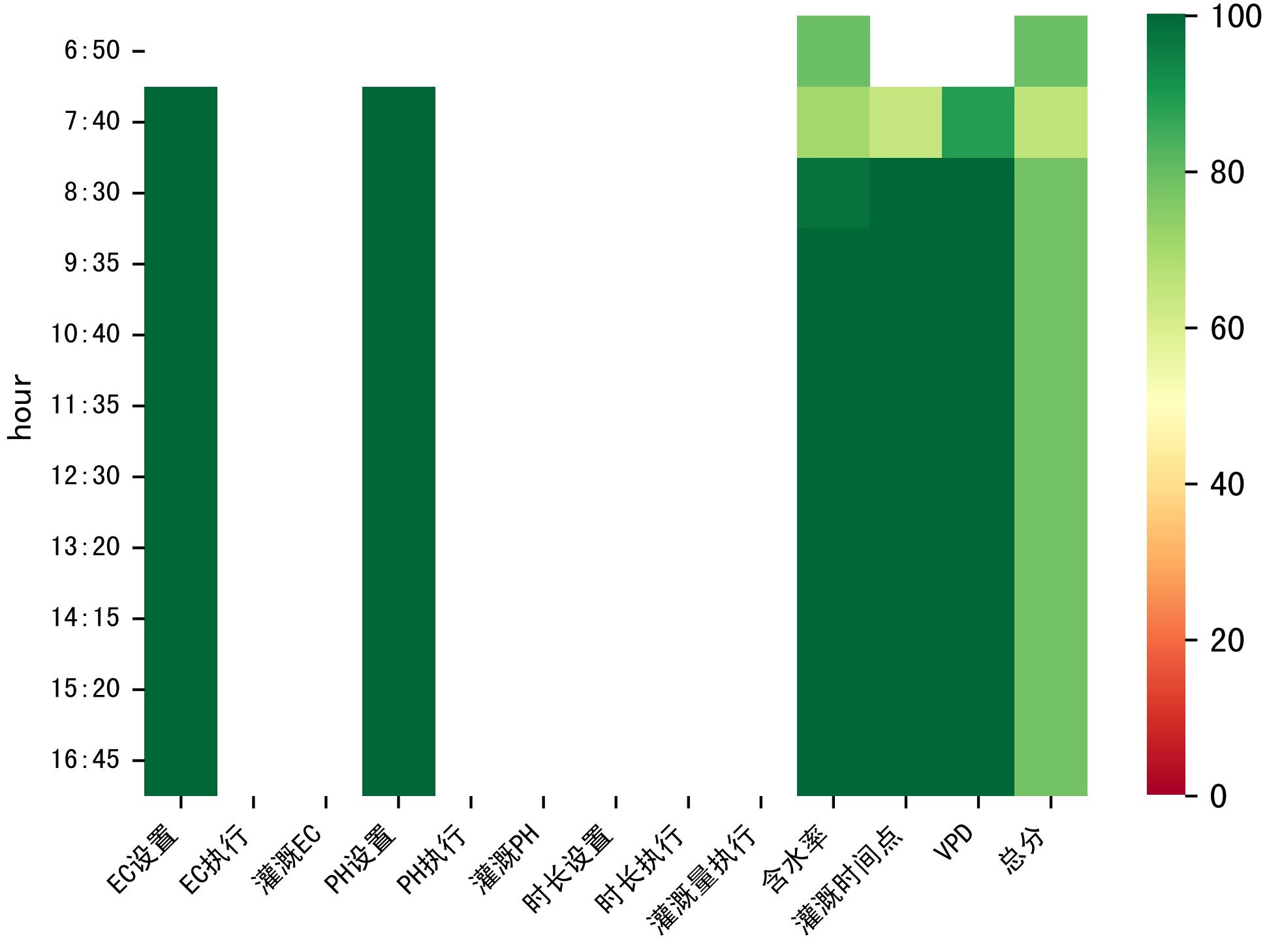




baiA	baiB
0.715	0.0264



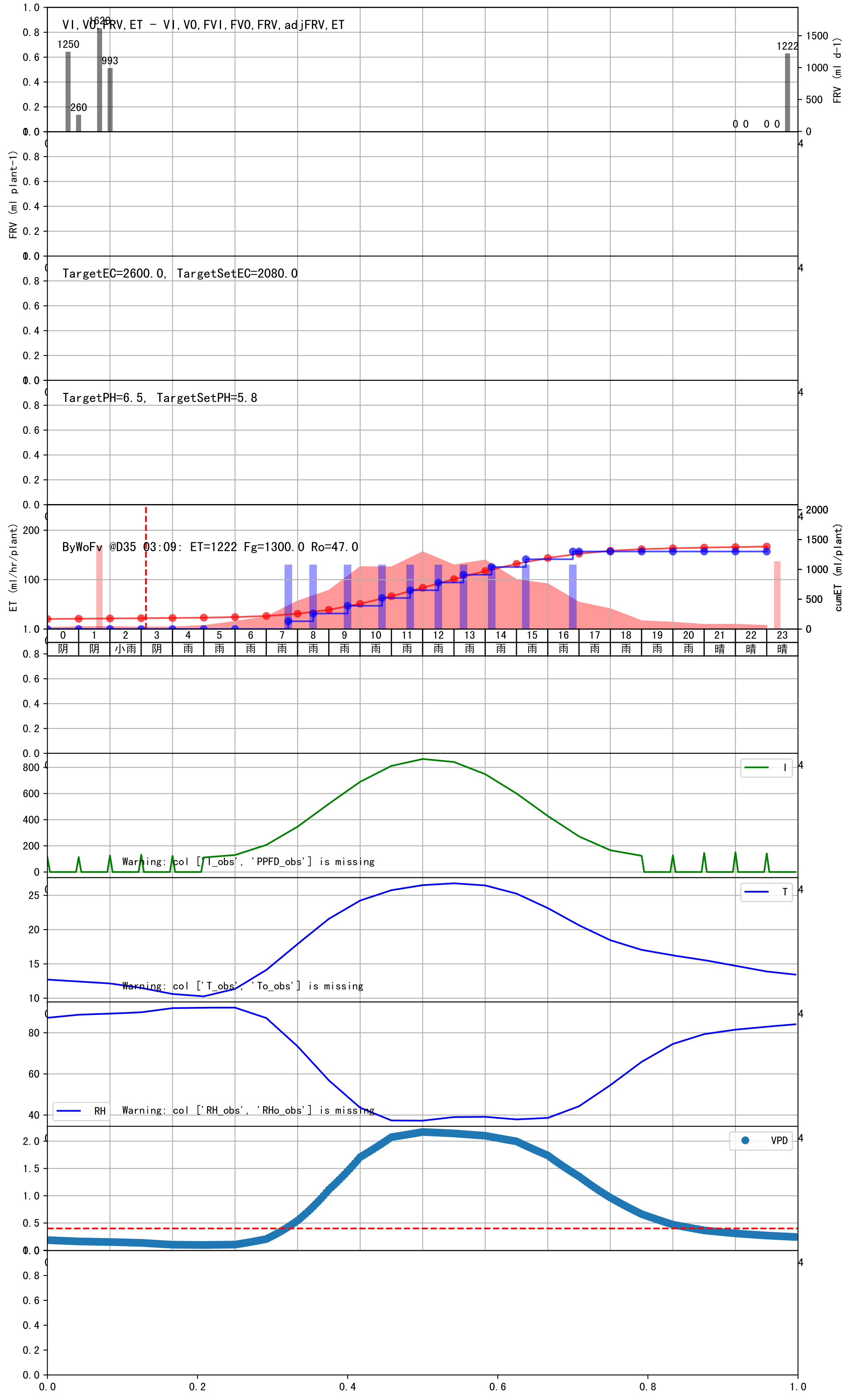


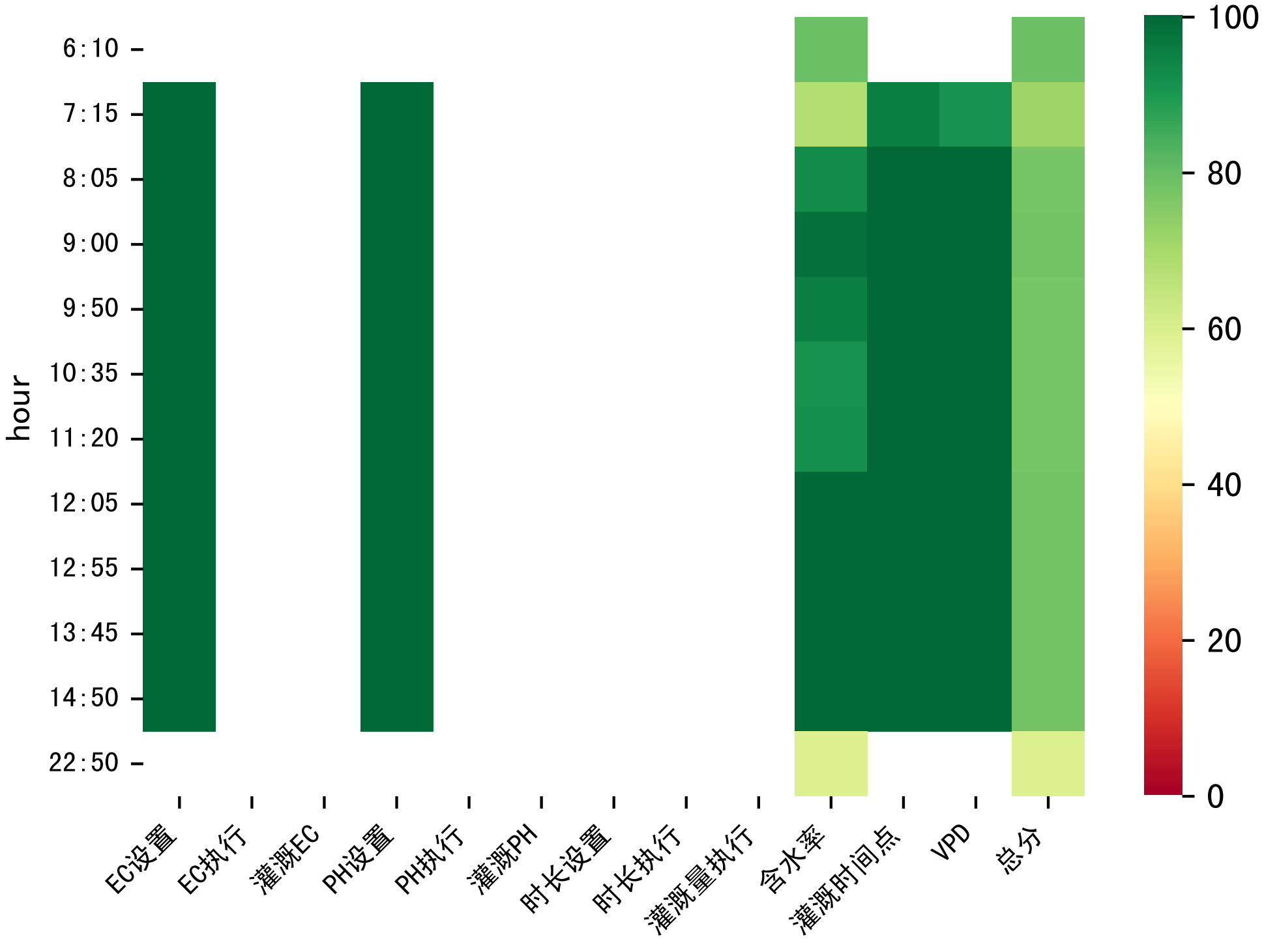

hour
6:50
7:40
8:30
9:35
10:40
11:35
12:30
13:20
14:15
15:20
16:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:40	271	130.0	雨	预期@07:40 未知程序（未用传感器）
08:30	271	130.0	雨	预期@08:30 未知程序（未用传感器）
09:35	271	130.0	雨	预期@09:35 未知程序（未用传感器）
10:40	271	130.0	雨	预期@10:40 未知程序（未用传感器）
11:35	271	130.0	雨	预期@11:35 未知程序（未用传感器）
12:30	271	130.0	雨	预期@12:30 未知程序（未用传感器）
13:20	271	130.0	雨	预期@13:20 未知程序（未用传感器）
14:15	271	130.0	雨	预期@14:15 未知程序（未用传感器）
15:20	271	130.0	雨	预期@15:20 未知程序（未用传感器）
16:45	271	130.0	雨	预期@16:45 未知程序（未用传感器）
总计	2710.0 (10次)	1300.0		建议进液EC：2080.0， PH：5.8

昨天灌溉EC（2610.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2610.0 vs 4110.0)偏高

P3-13_0, Day=35 (2025-05-05)

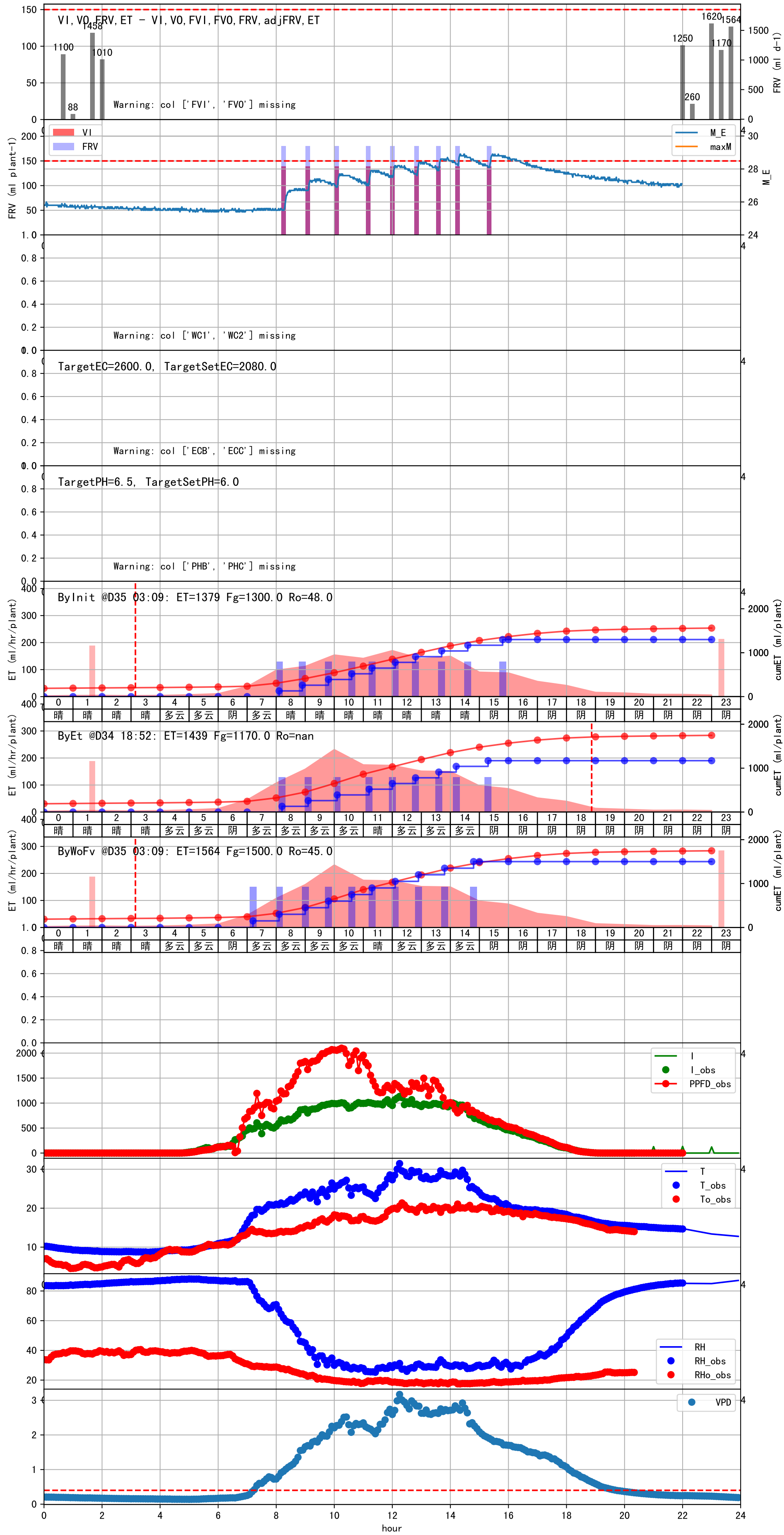


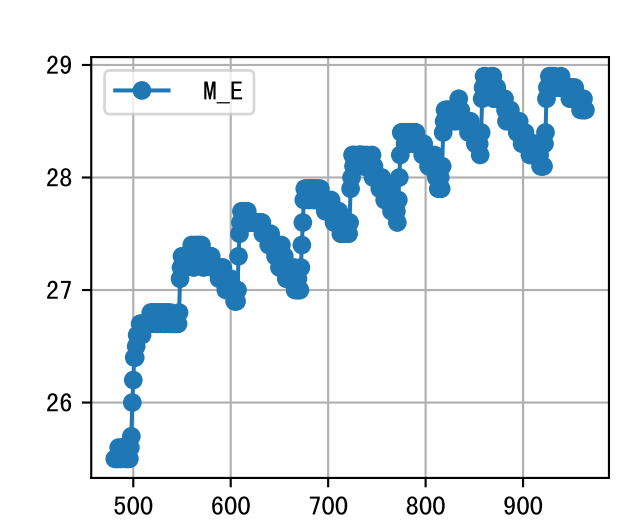

hour
6:10
7:15
8:05
9:00
9:50
10:35
11:20
12:05
12:55
13:45
14:50
22:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

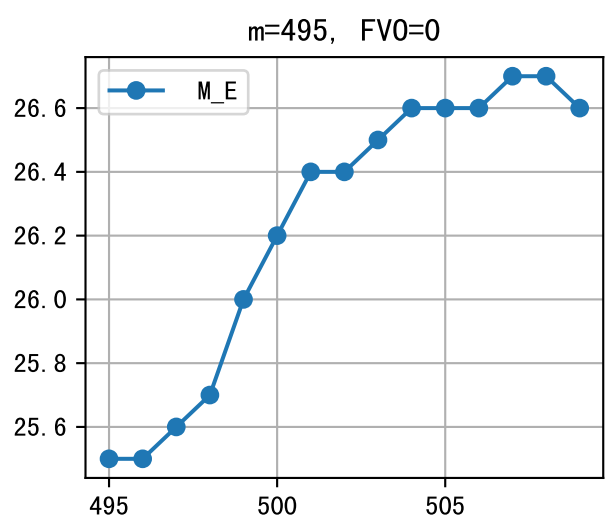
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:15	277	150.0	多云	假设@07:15 自动（未用传感器）
08:05	277	150.0	多云	假设@08:05 自动（未用传感器）
09:00	277	150.0	多云	假设@09:00 自动（未用传感器）
09:50	277	150.0	多云	假设@09:50 自动（未用传感器）
10:35	277	150.0	多云	假设@10:35 自动（未用传感器）
11:20	277	150.0	晴	假设@11:20 自动（未用传感器）
12:05	277	150.0	多云	假设@12:05 自动（未用传感器）
12:55	277	150.0	多云	假设@12:55 自动（未用传感器）
13:45	277	150.0	多云	假设@13:45 自动（未用传感器）
14:50	277	150.0	多云	假设@14:50 自动（未用传感器）
总计	2770.0 (10次)	1500.0		建议进液EC：2080.0， PH：6.0

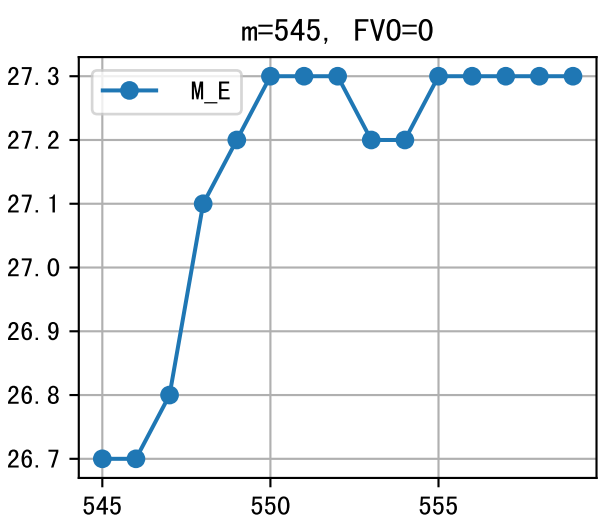
施肥机灌溉量与预期值不符 (180.0 : 130.0)，可能由于一阀多区不均匀
上次灌溉时长(277)与预期(319.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉130.0 ml.
昨天灌溉EC（2590.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2590.0 vs 4920.0)过高

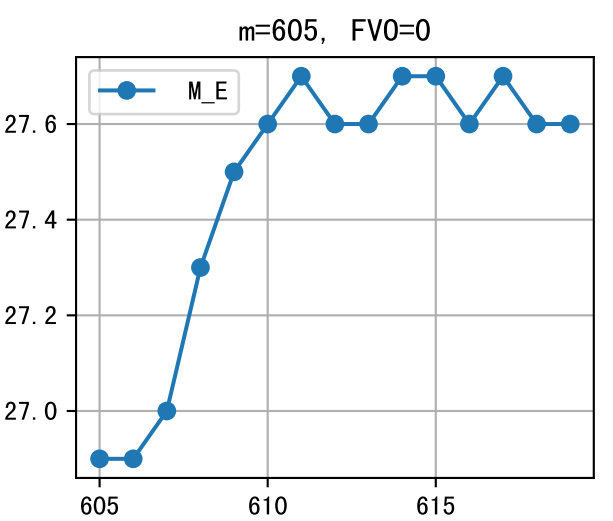
P3-13_0, Day=34 (2025-05-04)

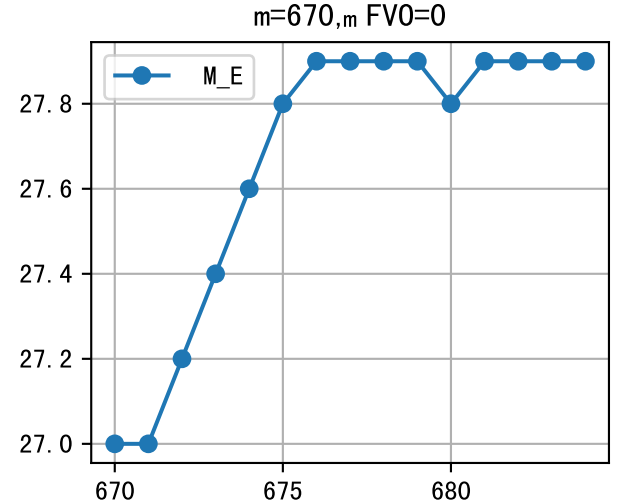


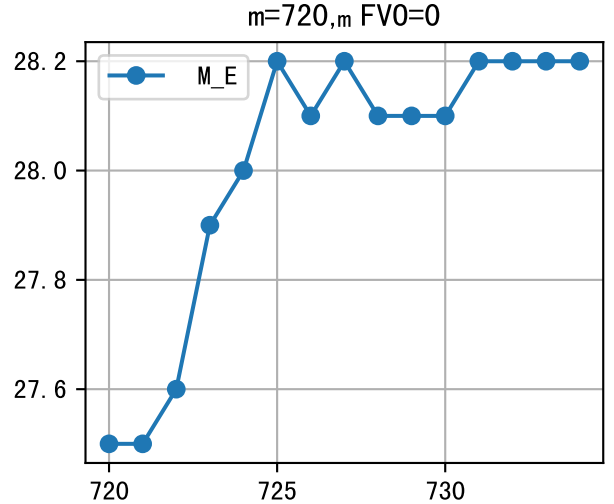

M_E

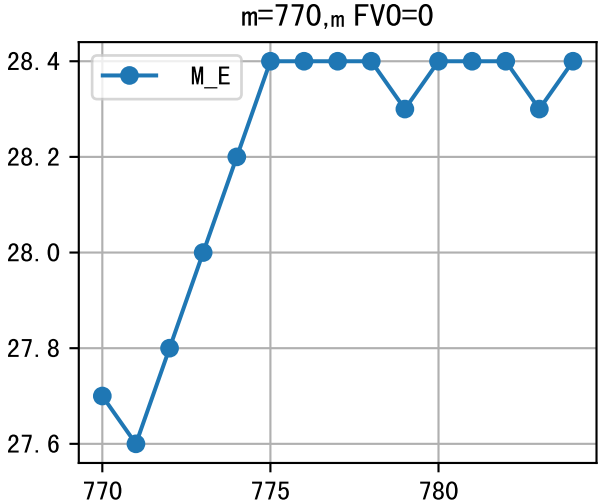

m=495, FV0=0
M_E

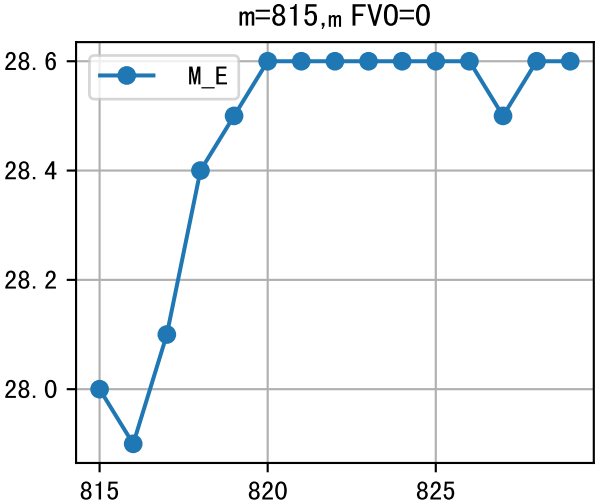

m=545, FV0=0
M_E

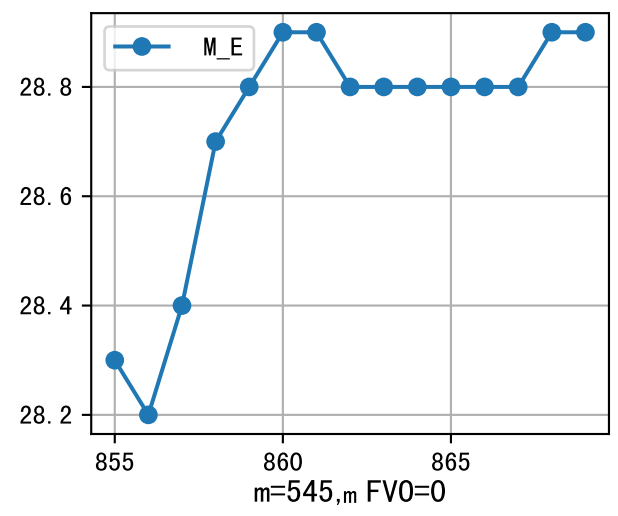

m=605, FV0=0
M_E

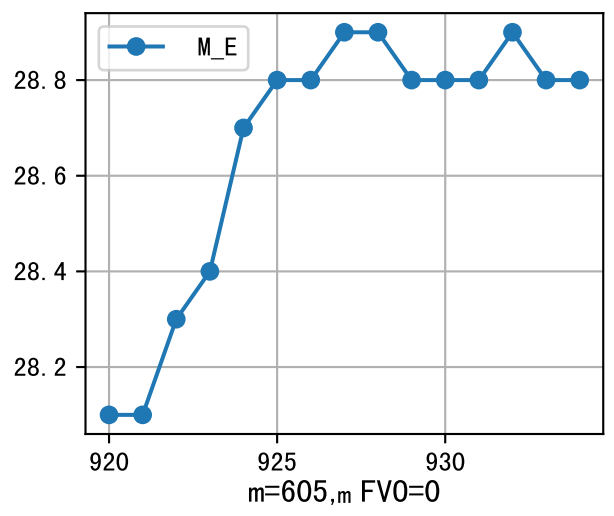

m=670,m FV0=0
M_E

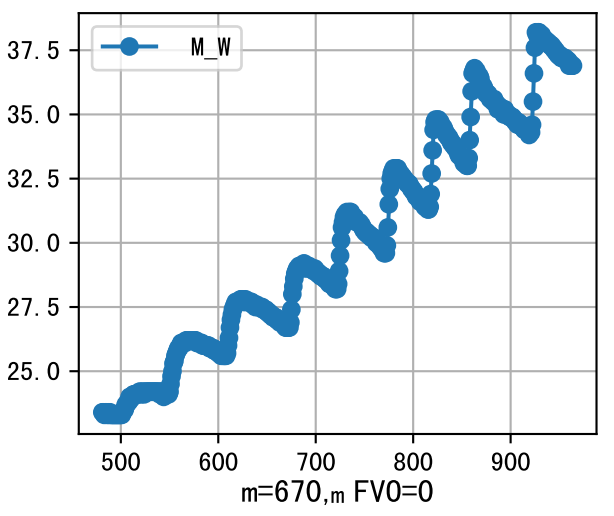

m=720,m FV0=0
M_E

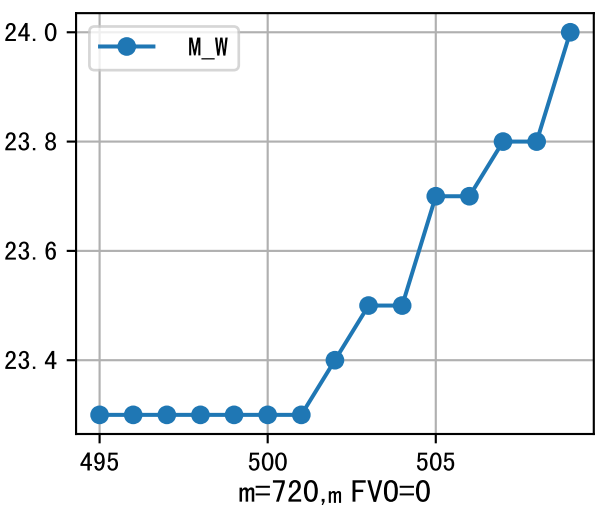

m=770,m FV0=0
M_E
m

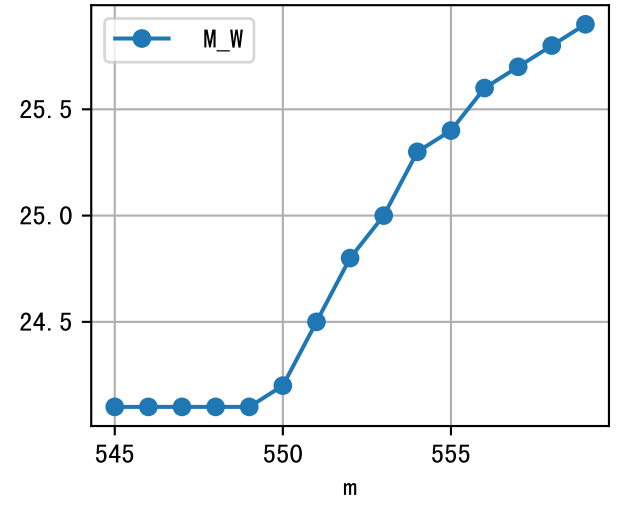

m=815,m FV0=0
M_E
m=495,m FV0=0

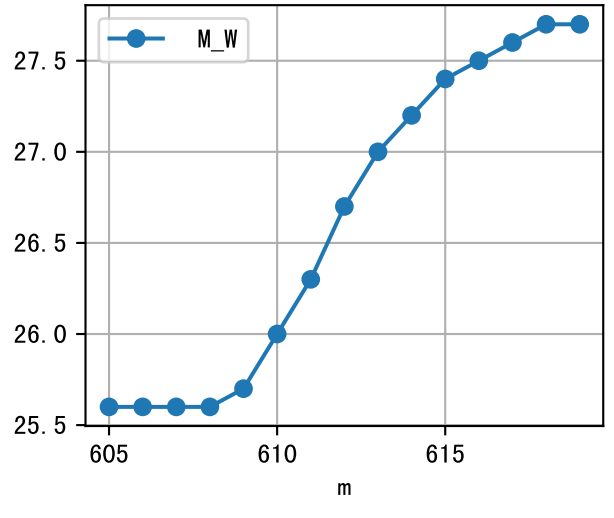

M_E
m=855,m FV0=0

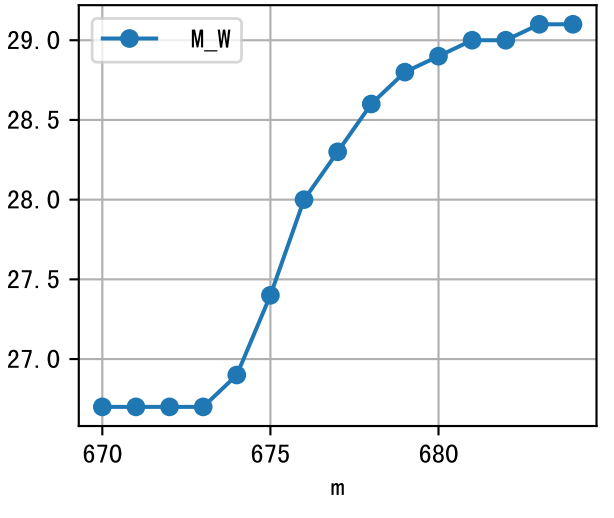

M_E
m=920,m FV0=0

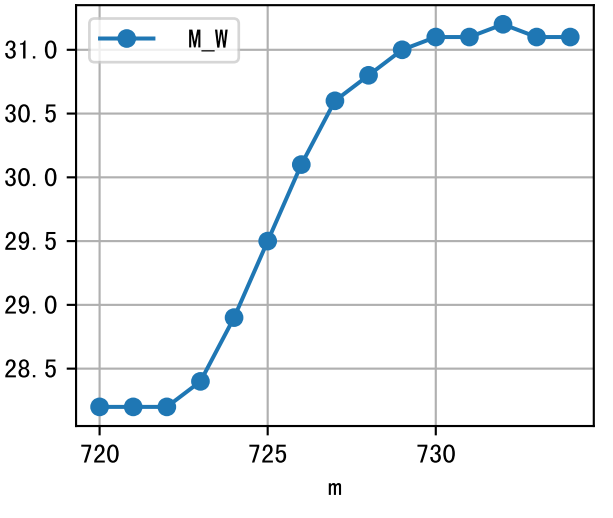

M_W
m=545,m FV0=0

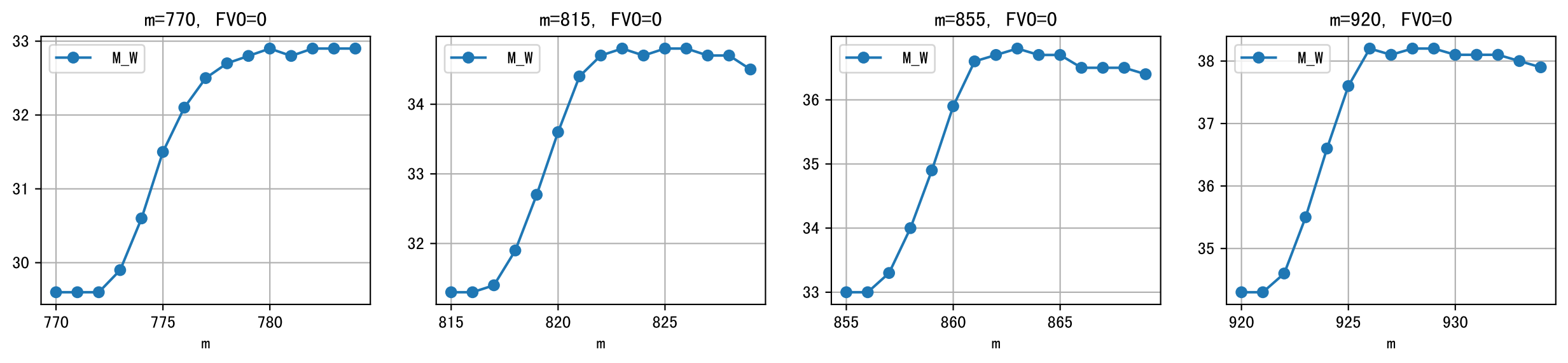

M_W
m=605,m FV0=0

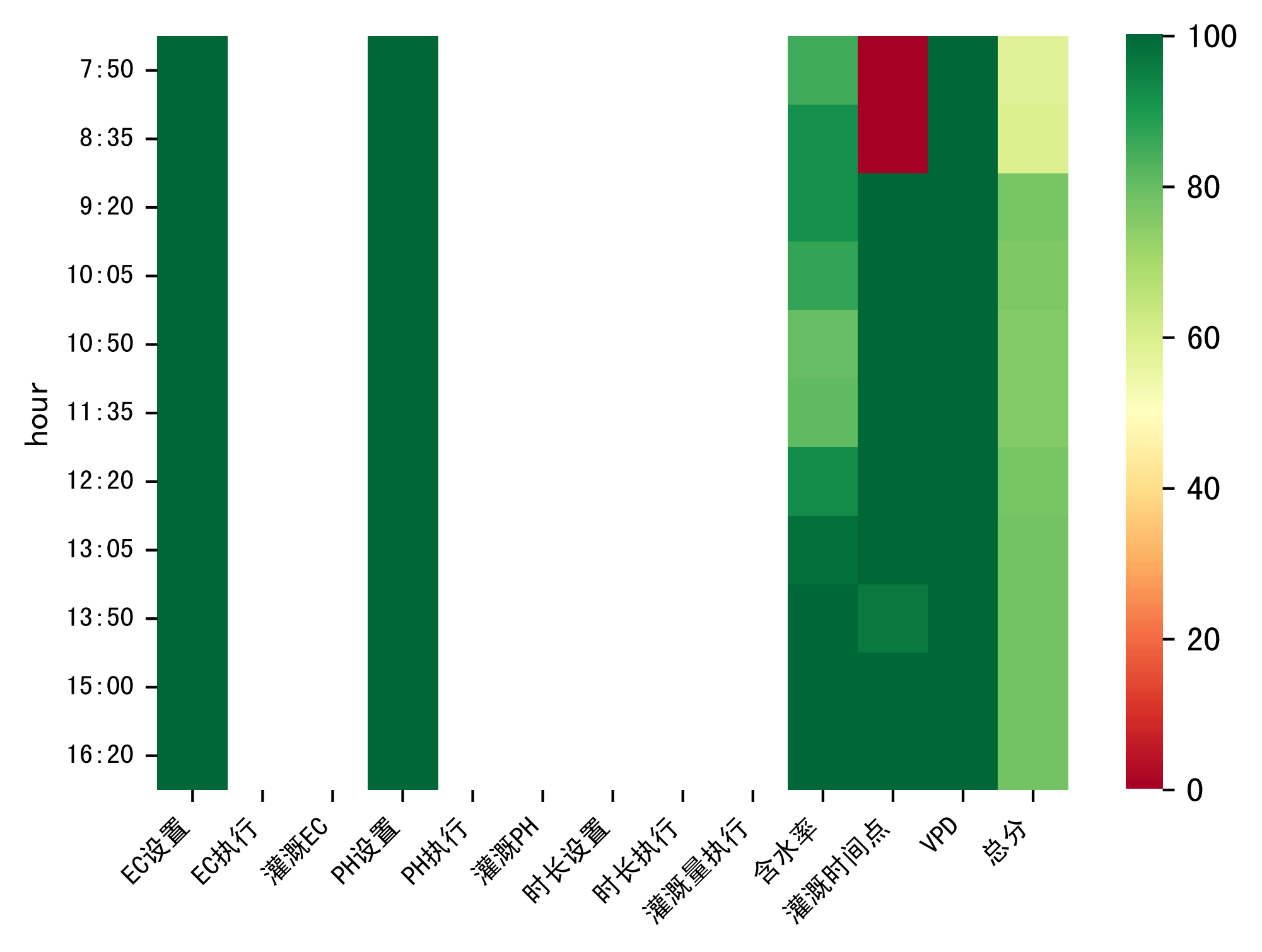

M_W
m


M_W
m


M_W
m


M_W
m

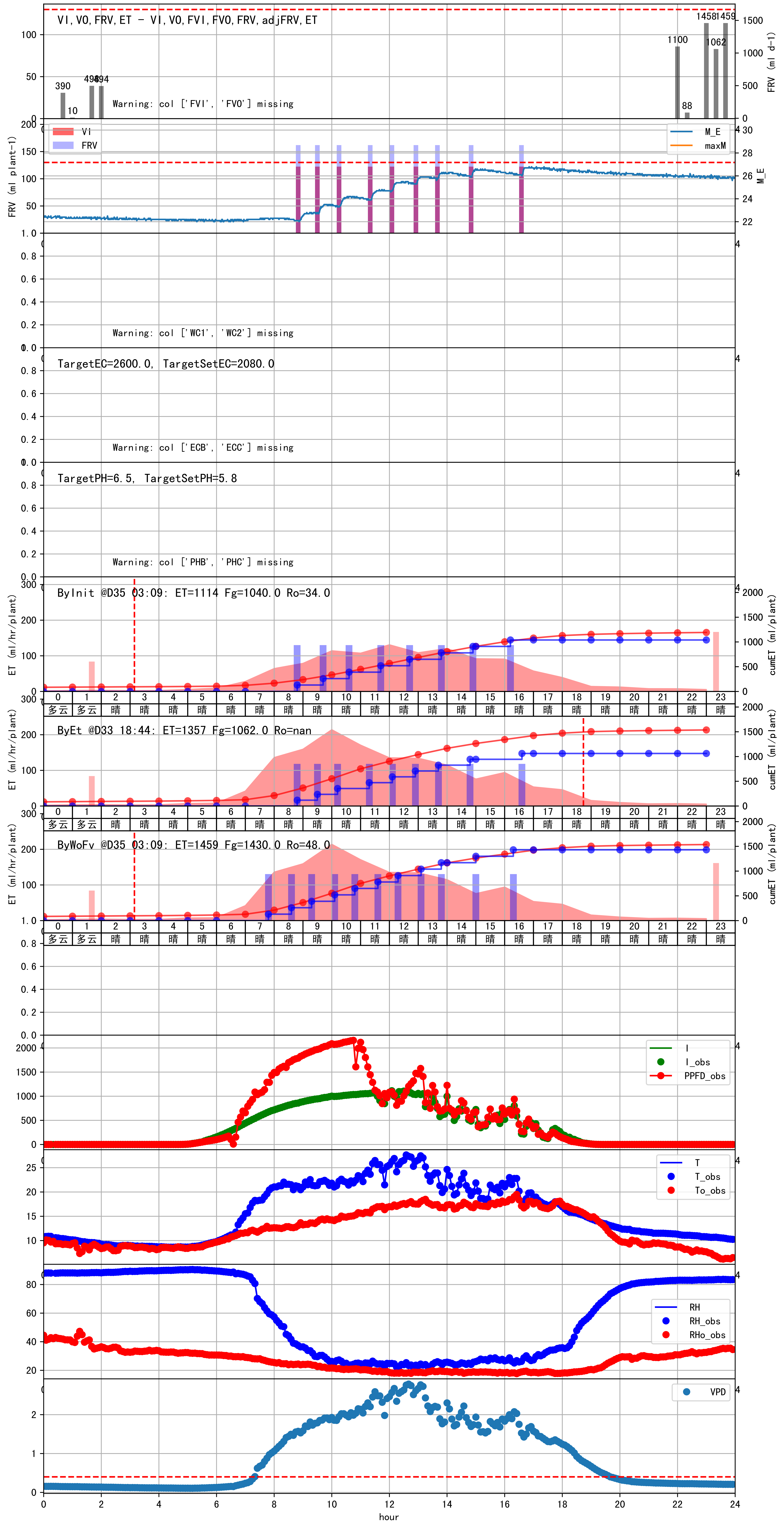

m=770, FV0=0
M_W
33
32
31
30
770
775
780
m
m=815, FV0=0
M_W
34
33
32
815
820
825
m
m=855, FV0=0
M_W
36
35
34
33
855
860
865
m
m=920, FV0=0
M_W
38
37
36
35
920
925
930
m


hour
7:50
8:35
9:20
10:05
10:50
11:35
12:20
13:05
13:50
15:00
16:20
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
07:50	250	130.0	晴	假设@07:50 自动（未用传感器）
08:35	250	130.0	晴	假设@08:35 自动（未用传感器）
09:20	250	130.0	晴	假设@09:20 自动（未用传感器）
10:05	250	130.0	晴	假设@10:05 自动（未用传感器）
10:50	250	130.0	晴	假设@10:50 自动（未用传感器）
11:35	250	130.0	晴	假设@11:35 自动（未用传感器）
12:20	250	130.0	晴	假设@12:20 自动（未用传感器）
13:05	250	130.0	晴	假设@13:05 自动（未用传感器）
13:50	250	130.0	晴	假设@13:50 自动（未用传感器）
15:00	250	130.0	晴	假设@15:00 自动（未用传感器）
16:20	250	130.0	晴	假设@16:20 自动（未用传感器）
总计	2750.0 (11次)	1430.0		建议进液EC：2080.0， PH：5.8

施肥机灌溉量与预期值不符 (162.0 : 118.0)，可能由于一阀多区不均匀
上次灌溉时长(250)与预期(277.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉118.0 ml.
large discrepency for begining water status (84:228.0), set to 84 ml.
昨天灌溉EC（2595.0）与设定EC（2000.0）偏差较大，请检查
回液EC 5425.0 太高，建议用低EC肥液冲洗基质
进回液EC差(2595.0 vs 5425.0)过高

P3-13_0, Day=33 (2025-05-03)



m=530, FV0=0

m=570, FV0=0

m=615, FV0=0

m=680,m FV0=0

m=725,m FV0=0

m=775,m FV0=0

m=820,m FV0=0

m=890,m FV0=0

m=995,m FV0=0

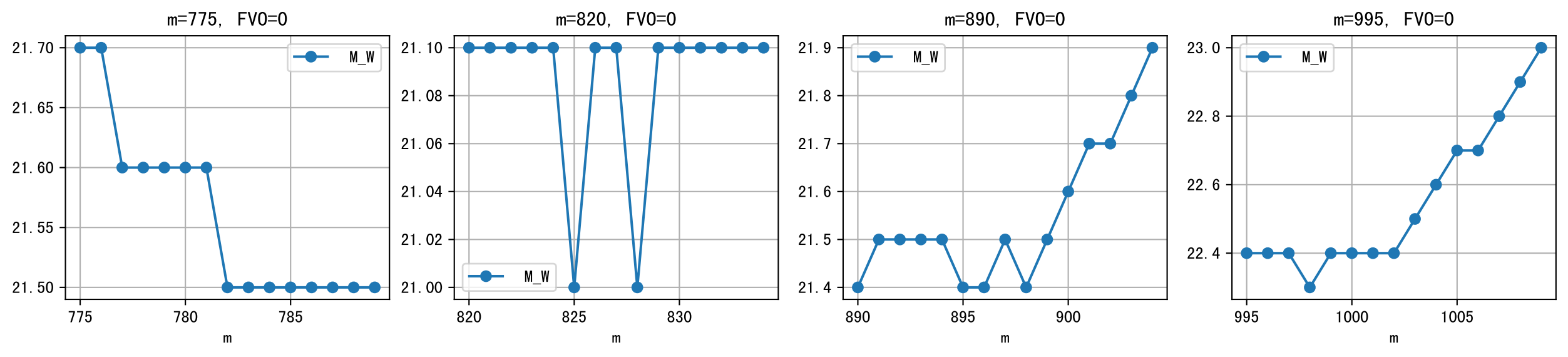
m=530,m FV0=0

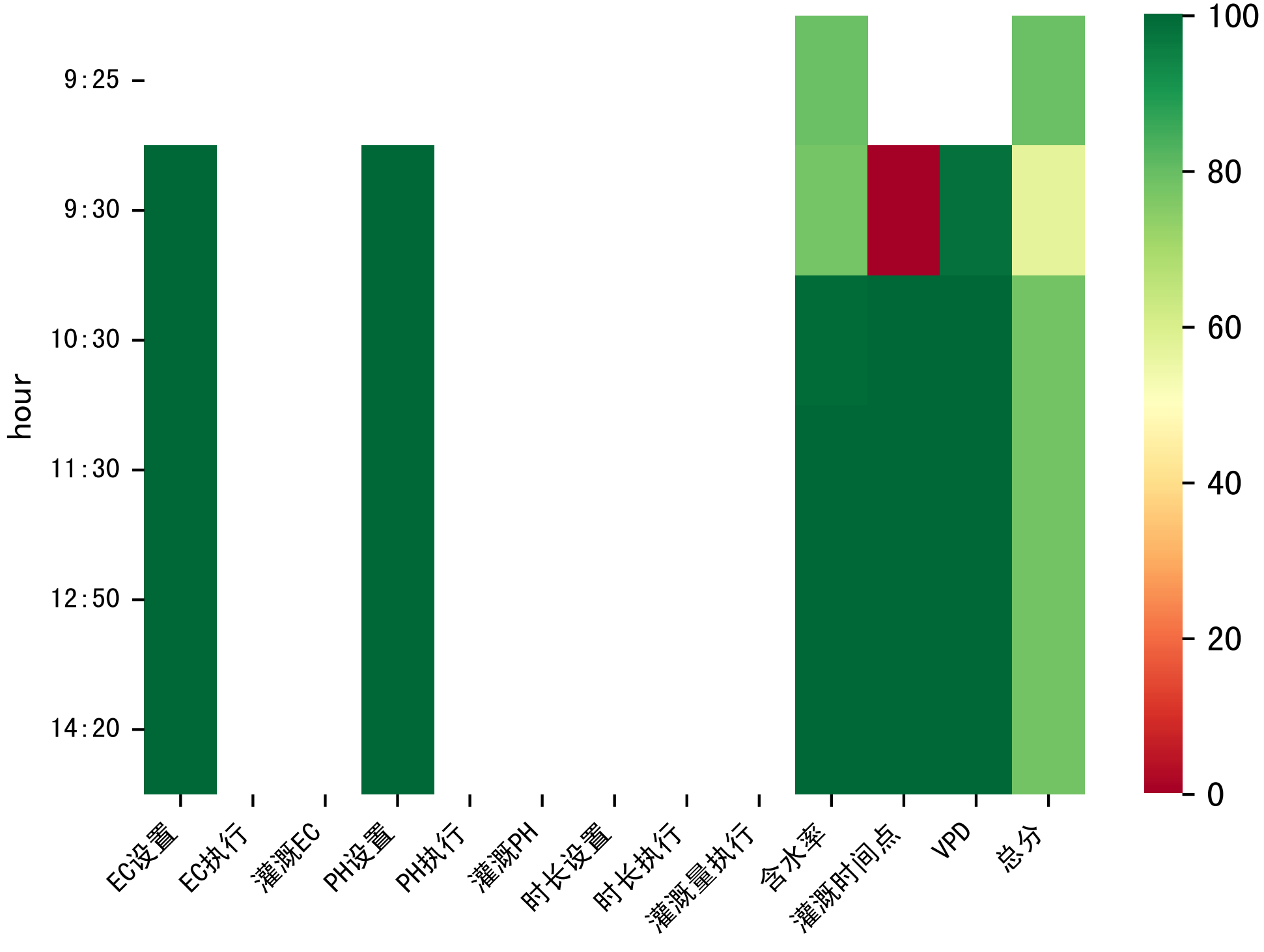
m=570,m FV0=0

m=615,m FV0=0

m=680,m FV0=0

m=725,m FV0=0

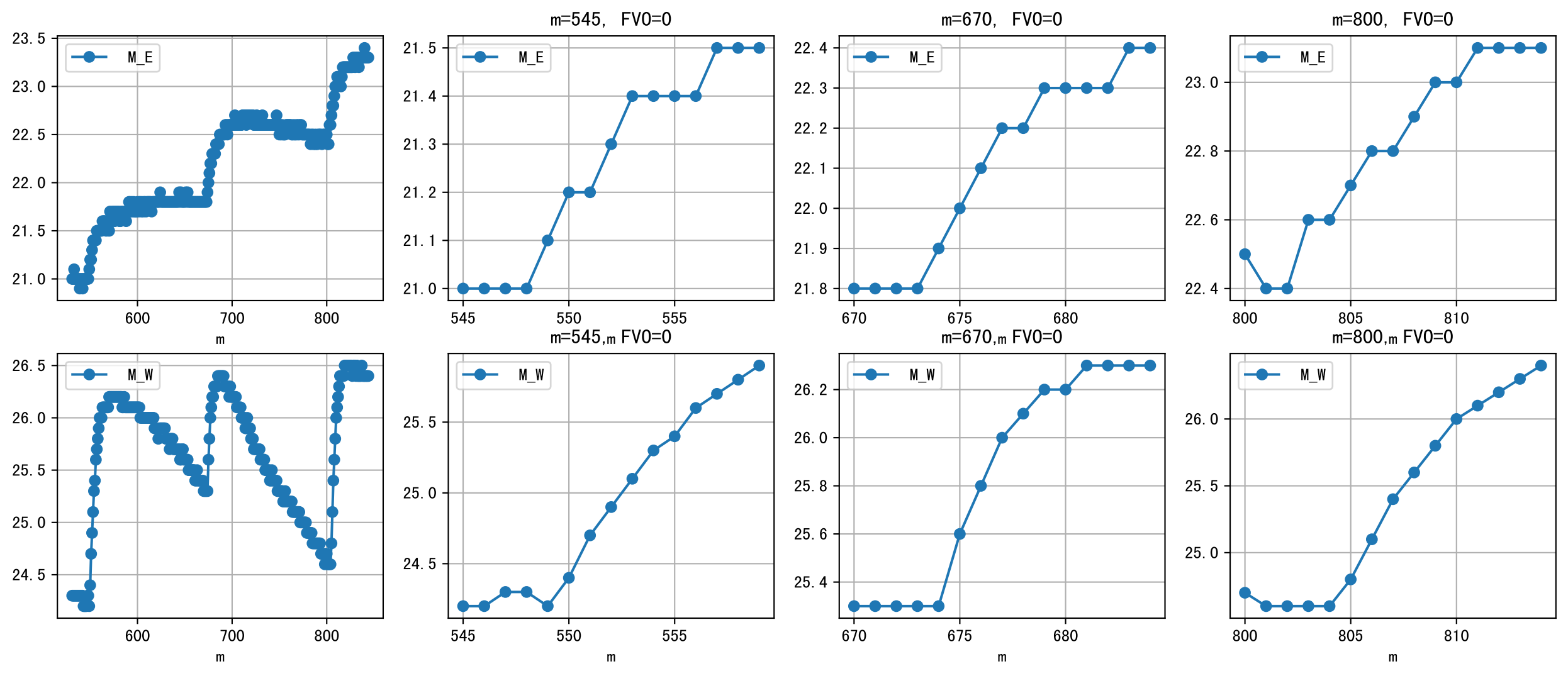

m=775, FV0=0
M_W
21.70
21.65
21.60
21.55
21.50
775
780
785
m
m=820, FV0=0
M_W
21.10
21.08
21.06
21.04
21.02
21.00
820
825
830
m
m=890, FV0=0
M_W
21.9
21.8
21.7
21.6
21.5
21.4
890
895
900
m
m=995, FV0=0
M_W
23.0
22.8
22.6
22.4
995
1000
1005
m

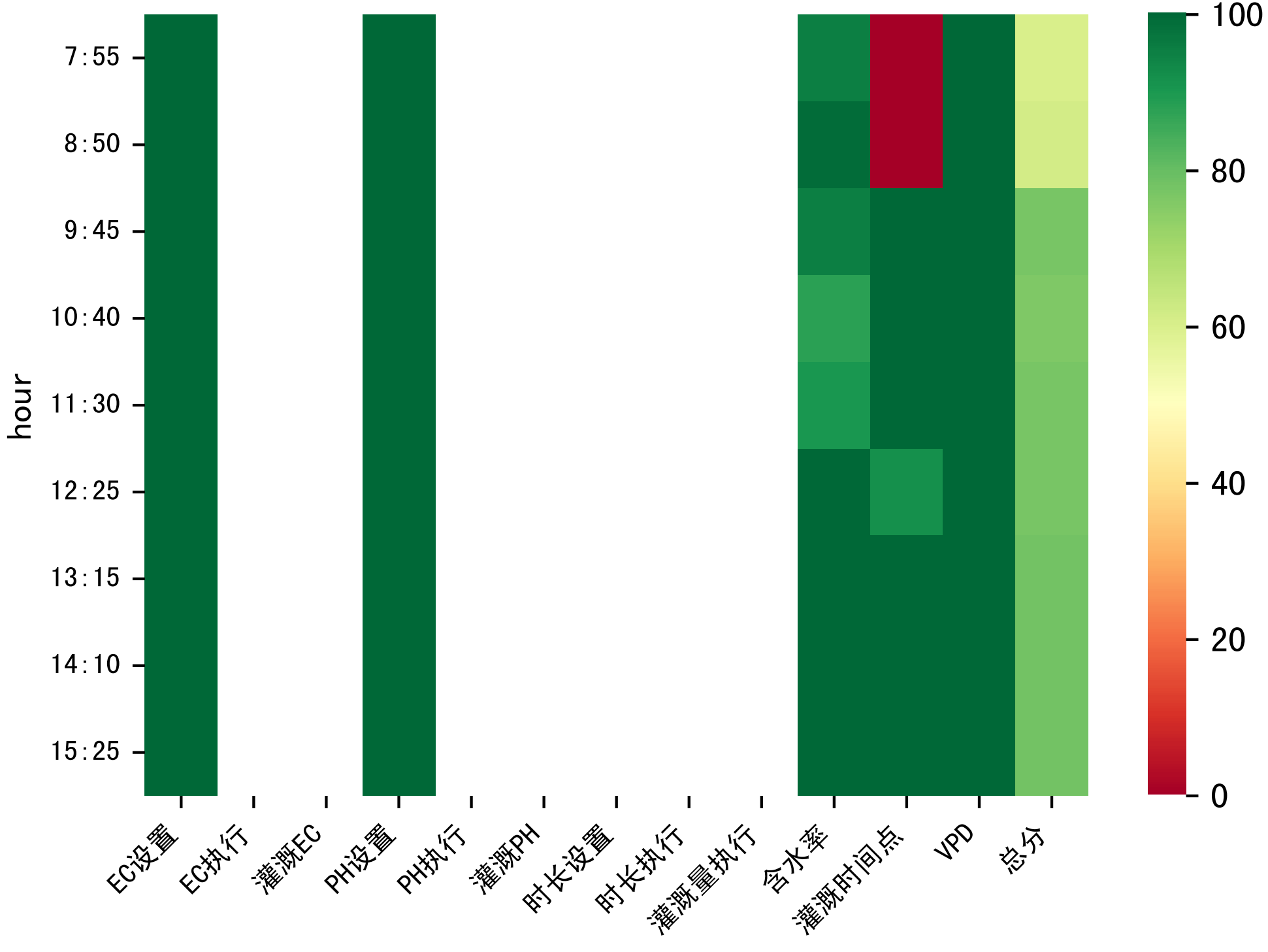

hour
9:25
9:30
10:30
11:30
12:50
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:30	255	130.0	阴	假设@09:30 自动（未用传感器）
10:30	255	130.0	阴	假设@10:30 自动（未用传感器）
11:30	255	130.0	阴	假设@11:30 自动（未用传感器）
12:50	255	130.0	阴	假设@12:50 自动（未用传感器）
14:20	255	130.0	阴	假设@14:20 自动（未用传感器）
总计	1275.0 (5次)	650.0		建议进液EC：2080.0， PH：5.7

施肥机灌溉量与预期值不符 (166.0 : 117.0)，可能由于一阀多区不均匀
上次灌溉时长(255)与预期(283.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉117.0 ml.
large discrepency for begining water status (108:267.0), set to 108 ml.
昨天灌溉EC（2700.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2700.0 vs 5115.0)过高

P3-13_0, Day=32 (2025-05-02)

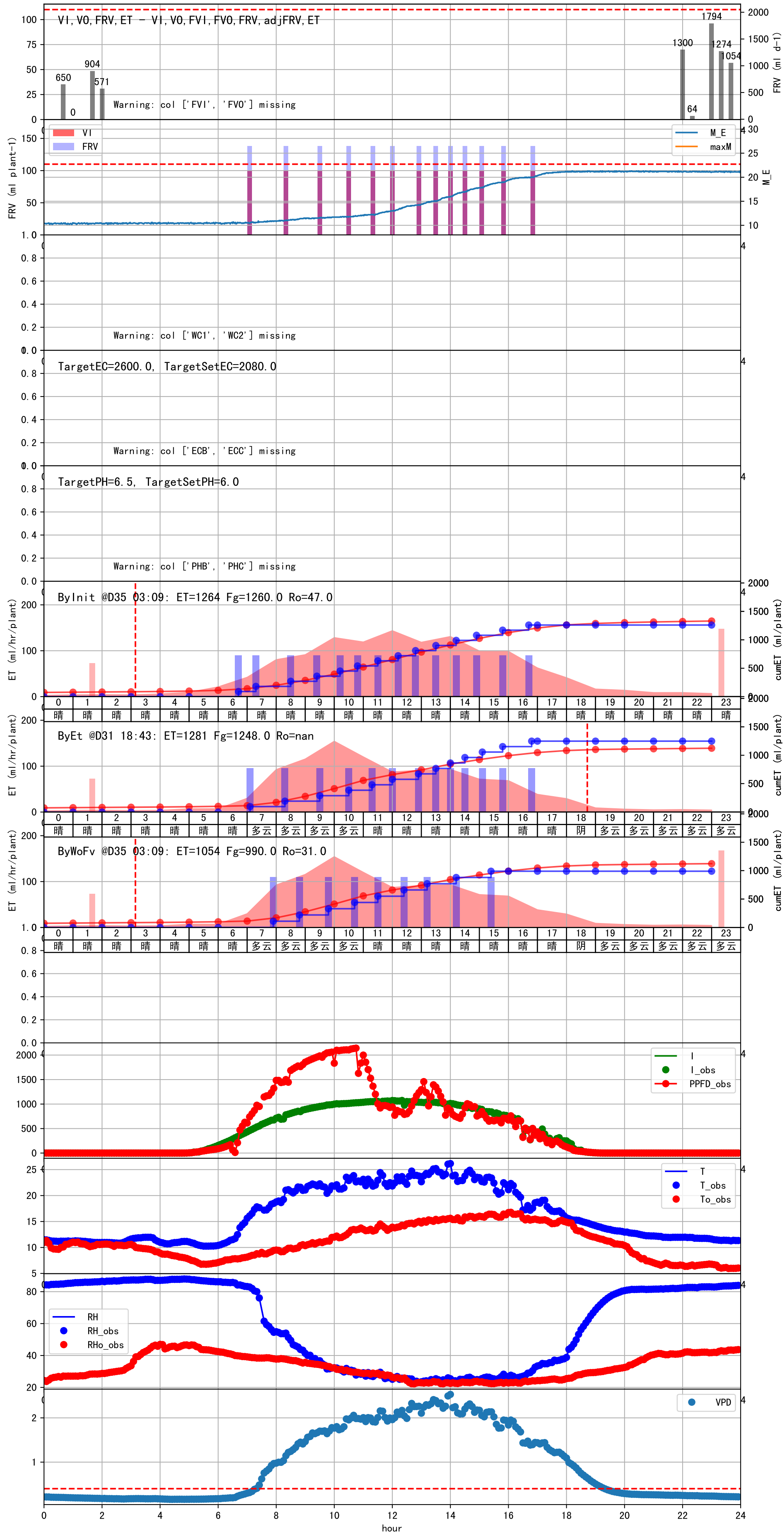

M_E
m
m=545, FV0=0
m=670, FV0=0
m=800, FV0=0
M_W
m=545,m FV0=0
m=670,m FV0=0
m=800,m FV0=0

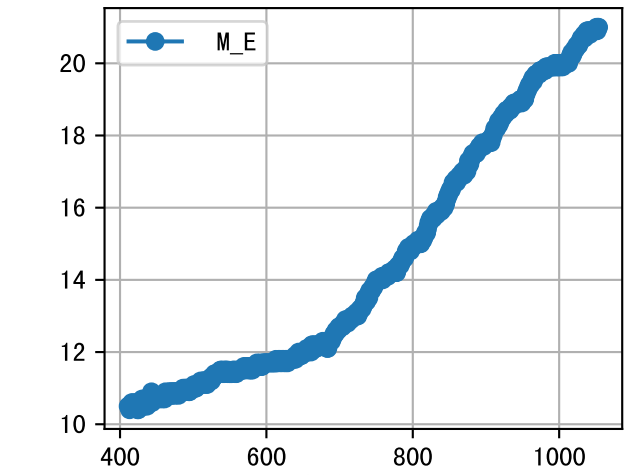

hour
7:55
8:50
9:45
10:40
11:30
12:25
13:15
14:10
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

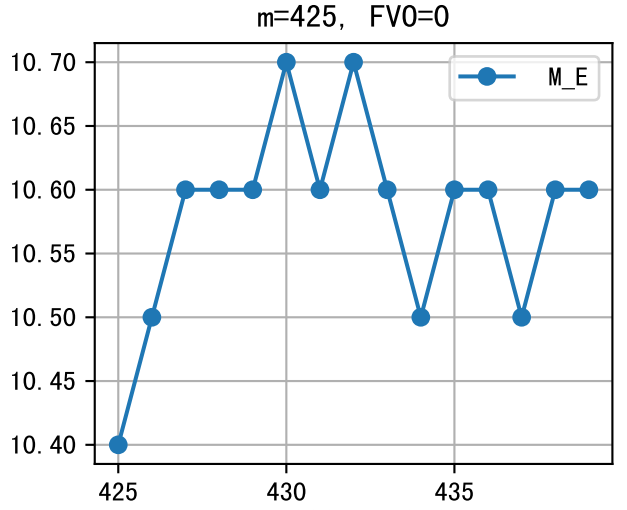
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:55	213	110.0	多云	假设@07:55 自动（未用传感器）
08:50	213	110.0	多云	假设@08:50 自动（未用传感器）
09:45	213	110.0	多云	假设@09:45 自动（未用传感器）
10:40	213	110.0	多云	假设@10:40 自动（未用传感器）
11:30	213	110.0	晴	假设@11:30 自动（未用传感器）
12:25	213	110.0	晴	假设@12:25 自动（未用传感器）
13:15	213	110.0	晴	假设@13:15 自动（未用传感器）
14:10	213	110.0	晴	假设@14:10 自动（未用传感器）
15:25	213	110.0	晴	假设@15:25 自动（未用传感器）
总计	1917.0 (9次)	990.0		建议进液EC：2080.0， PH：6.0

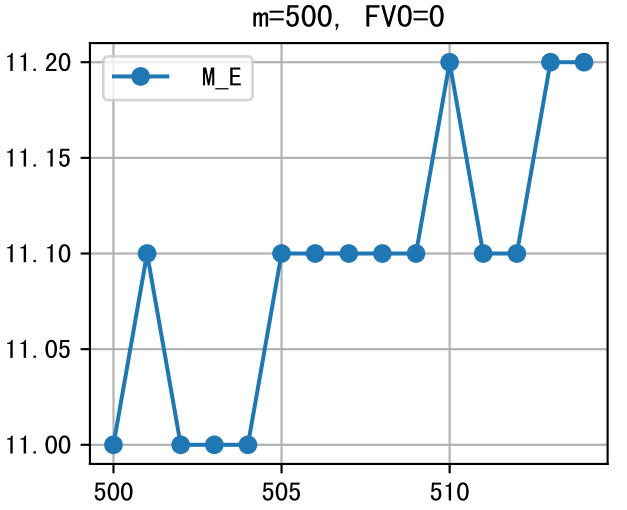
施肥机灌溉量与预期值不符 (138.0 : 98.0)，可能由于一阀多区不均匀
上次灌溉时长(213)与预期(239.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉98.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2757.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2757.0 vs 5165.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

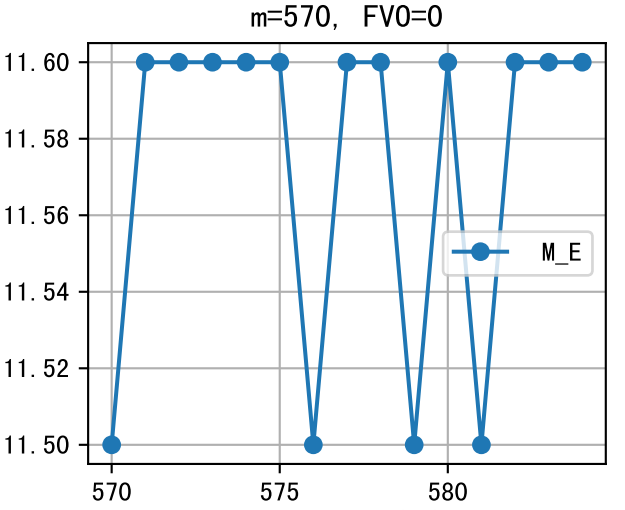
P3-13_0, Day=31 (2025-05-01)

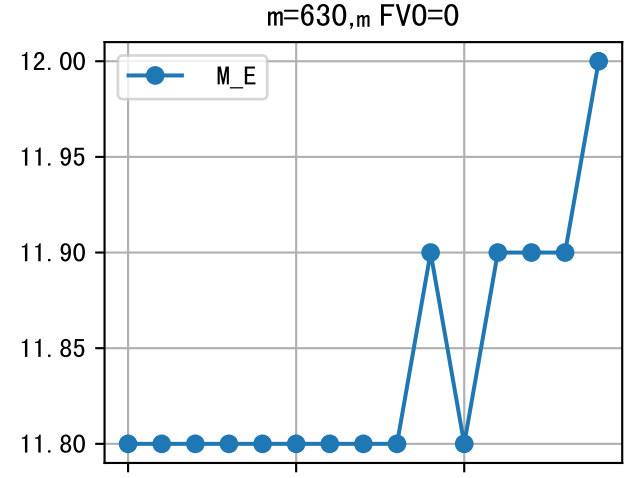


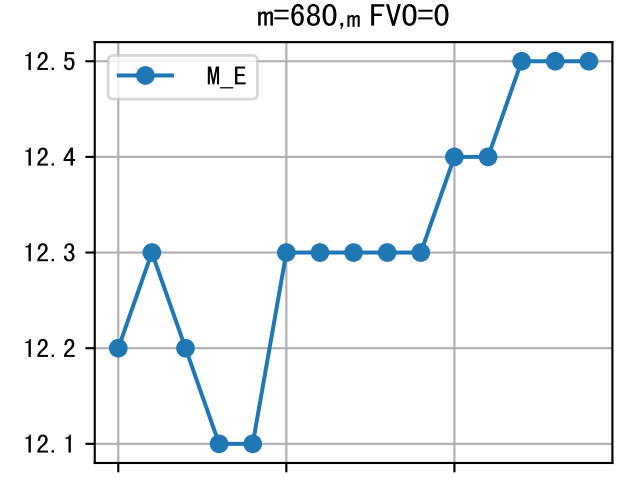

M_E

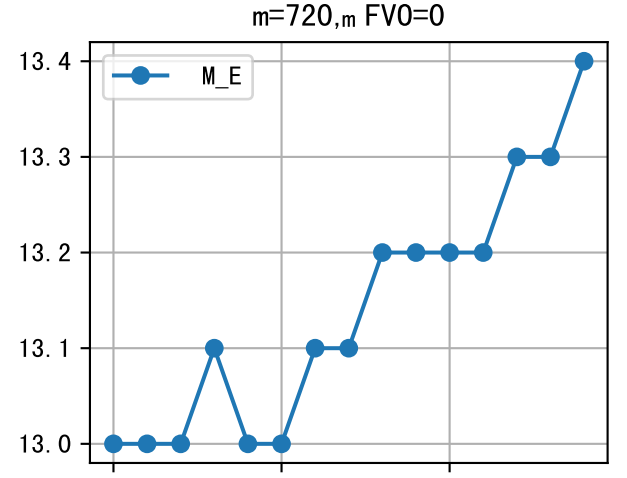

m=425, FV0=0
M_E

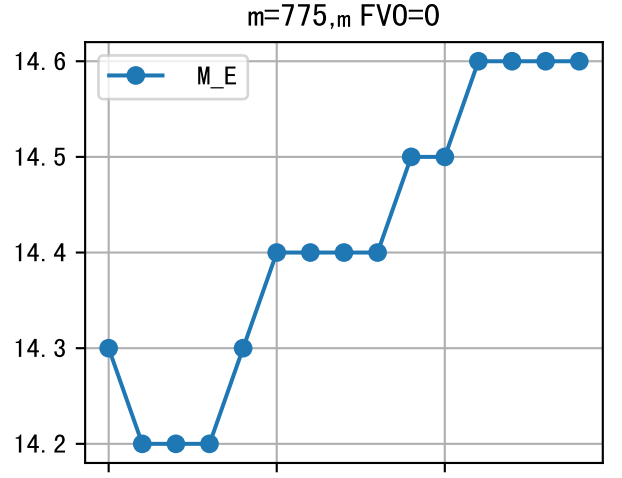

m=500, FV0=0
M_E

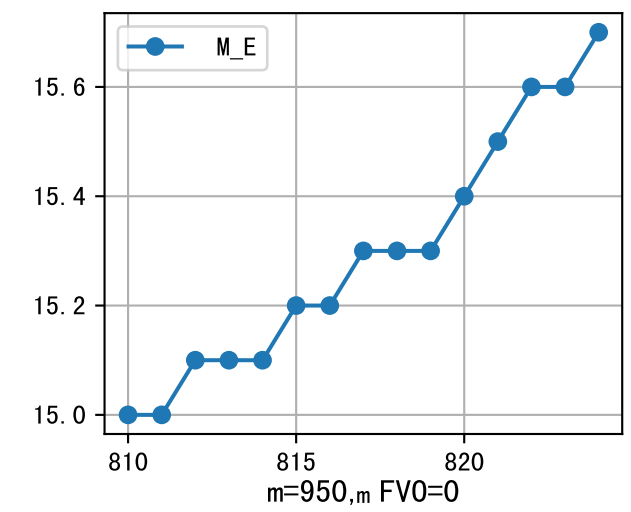

m=570, FV0=0
M_E

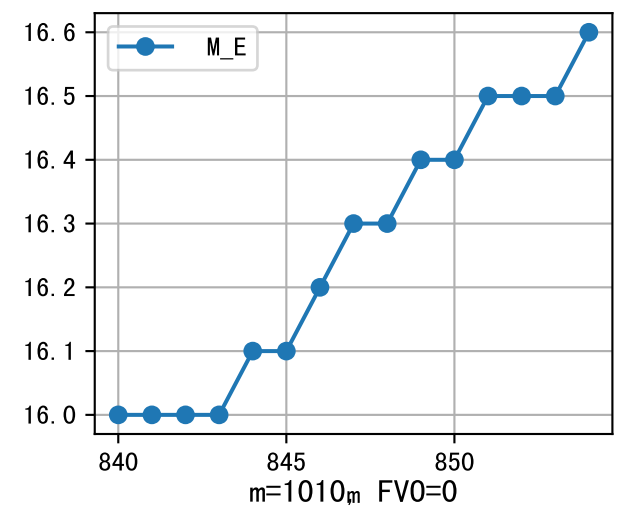

m=630,m FV0=0
M_E

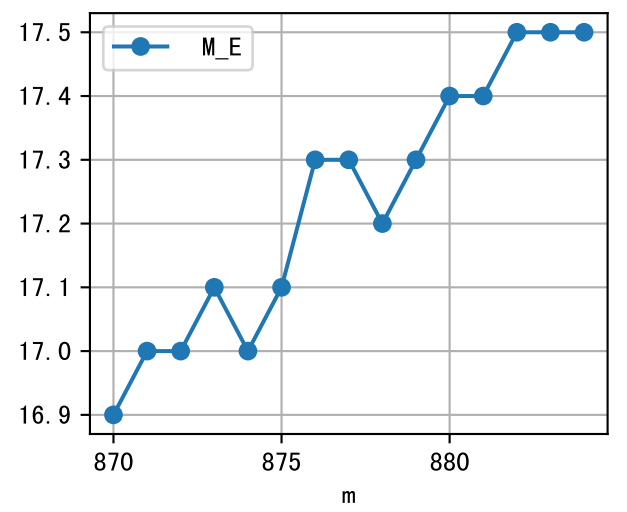

m=680,m FV0=0
M_E

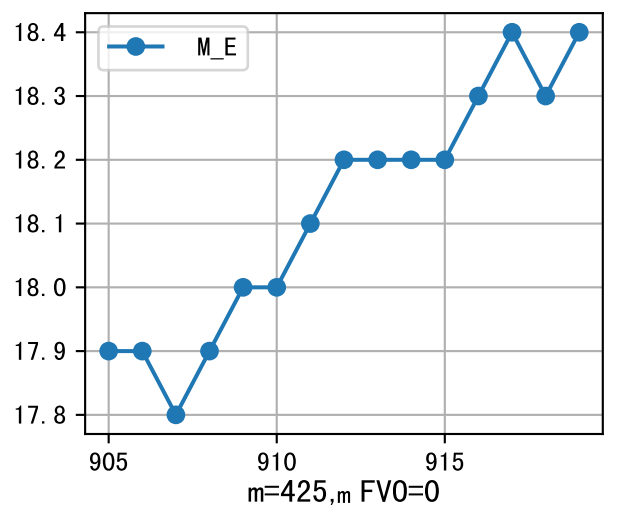

m=720,m FV0=0
M_E

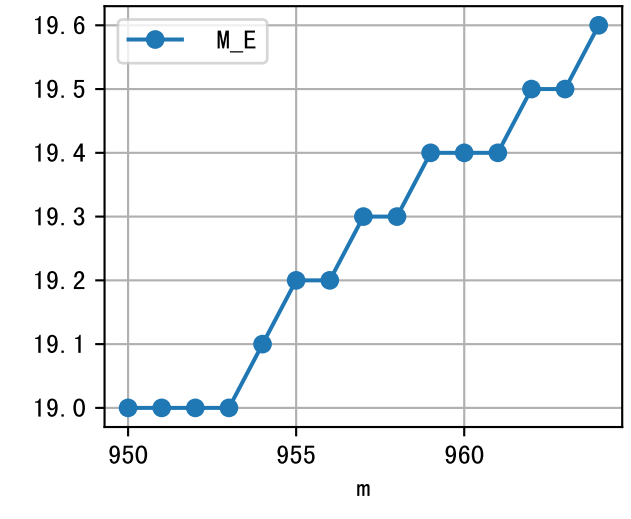

m=775,m FV0=0
M_E

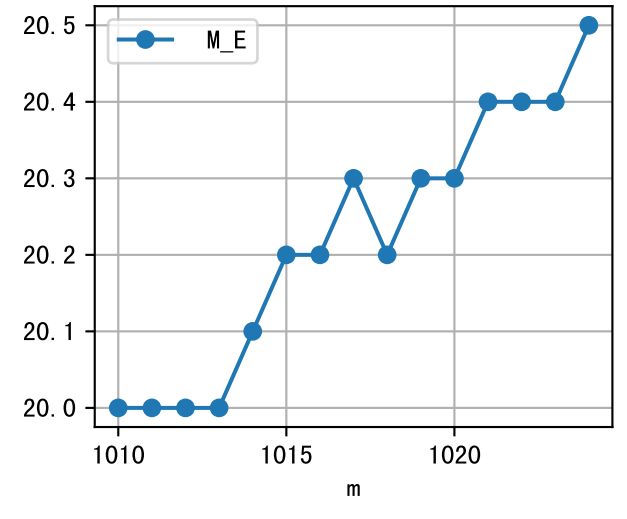

m=810,m FV0=0
M_E


m=840,m FV0=0
M_E


m
M_E


m=905,m FV0=0
M_E


m=950,m FV0=0
M_E
m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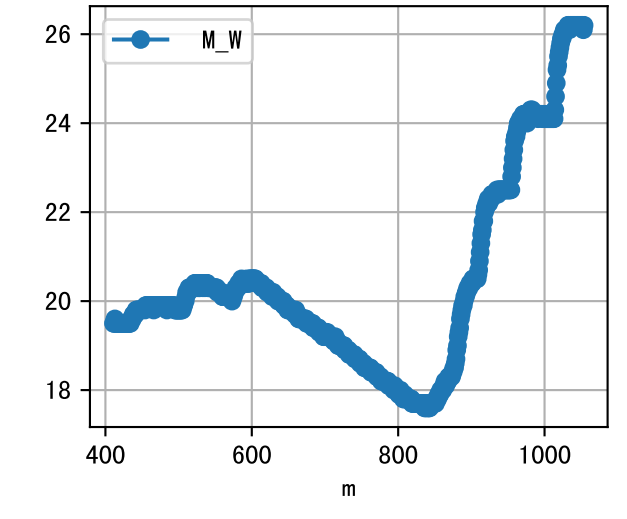
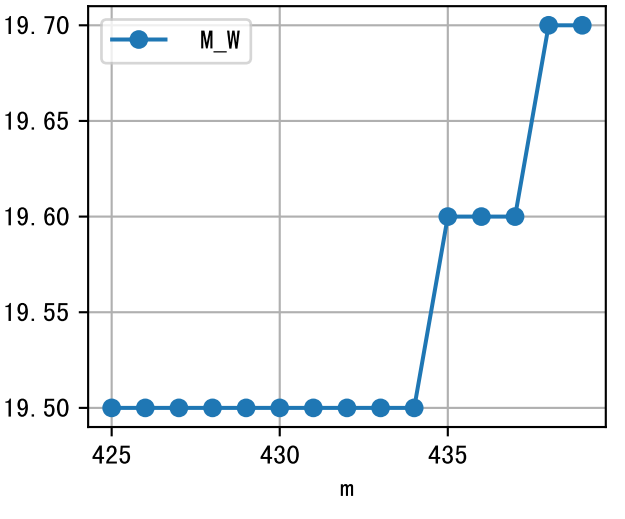
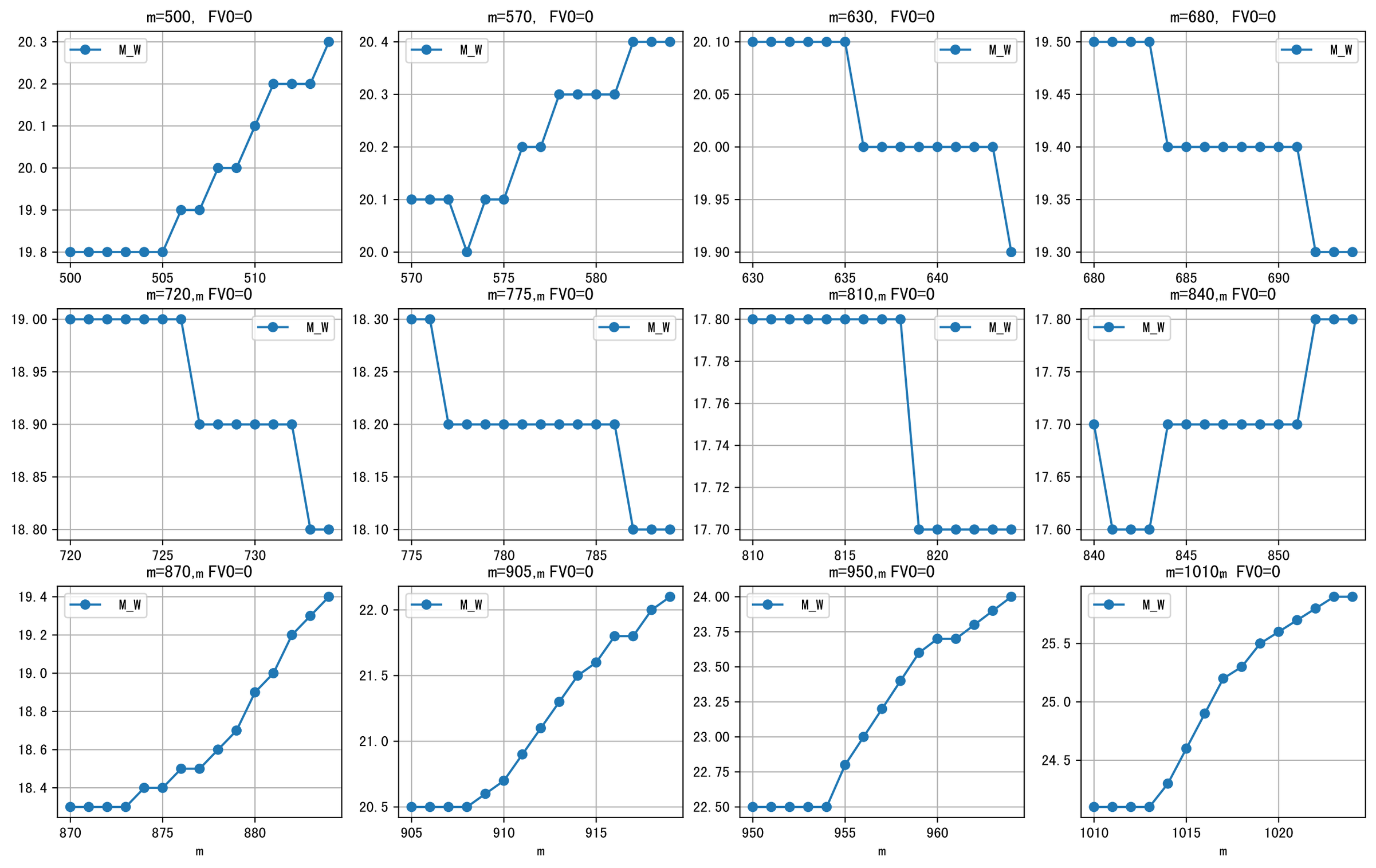
M_E
m


M_W
m


m=425,m FV0=0
M_W
m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m=630, FV0=0
m=680, FV0=0
m=720,m FV0=0
m=775,m FV0=0
m=810,m FV0=0
m=840,m FV0=0
m=870,m FV0=0
m=905,m FV0=0
m=950,m FV0=0
m=1010m FV0=0
M_W
m