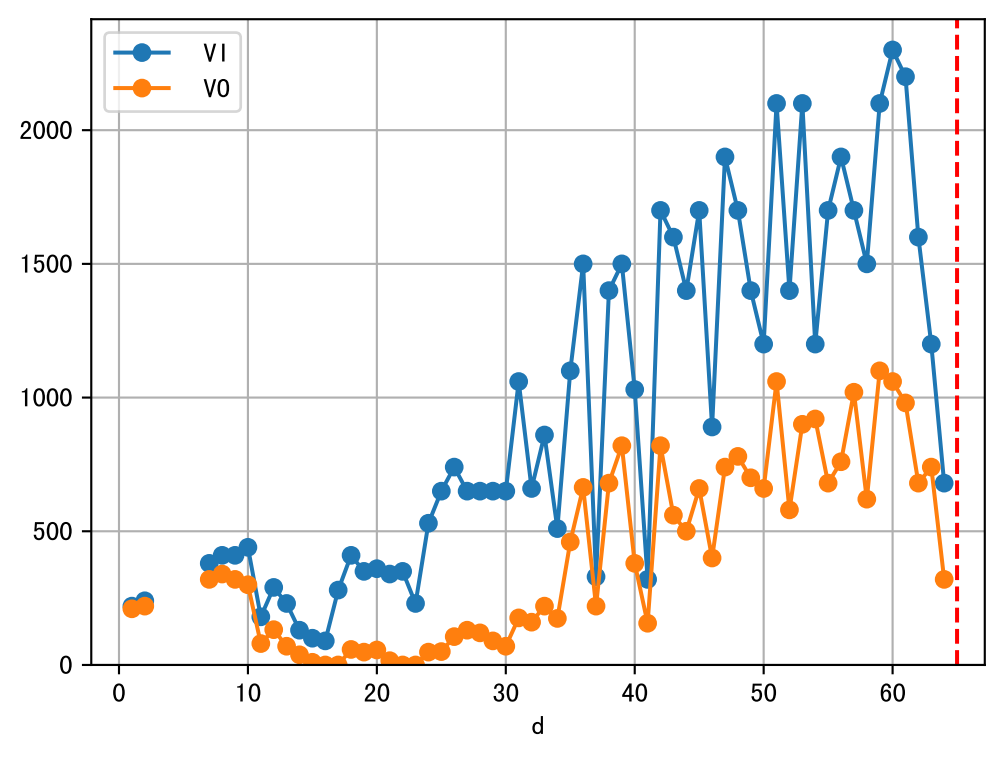
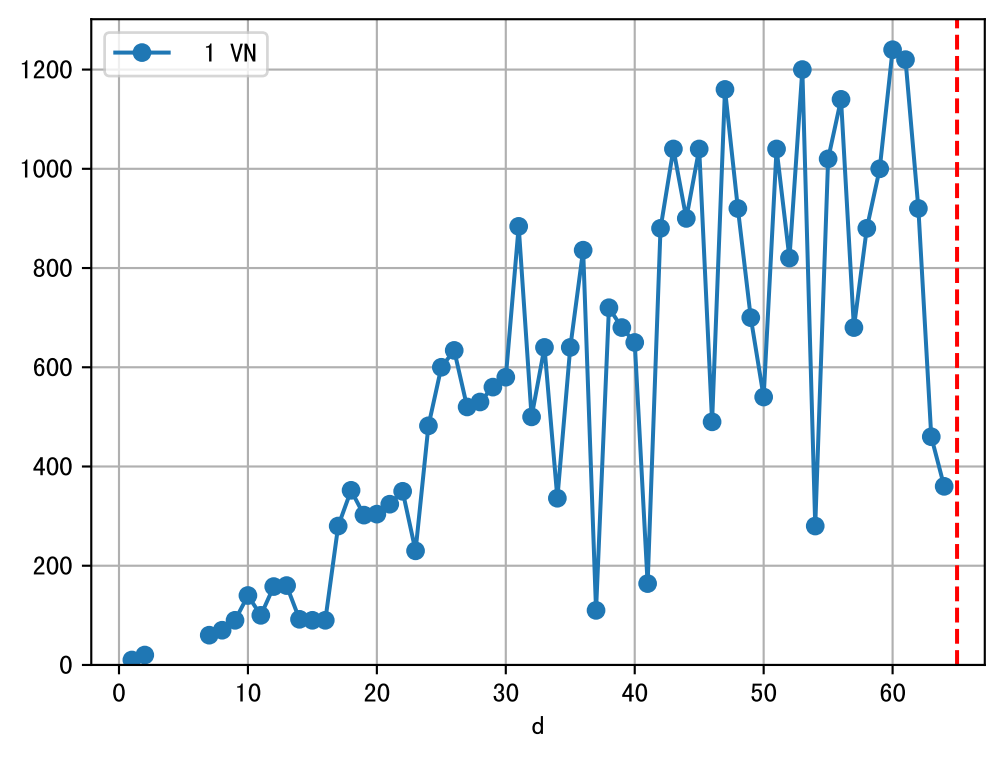
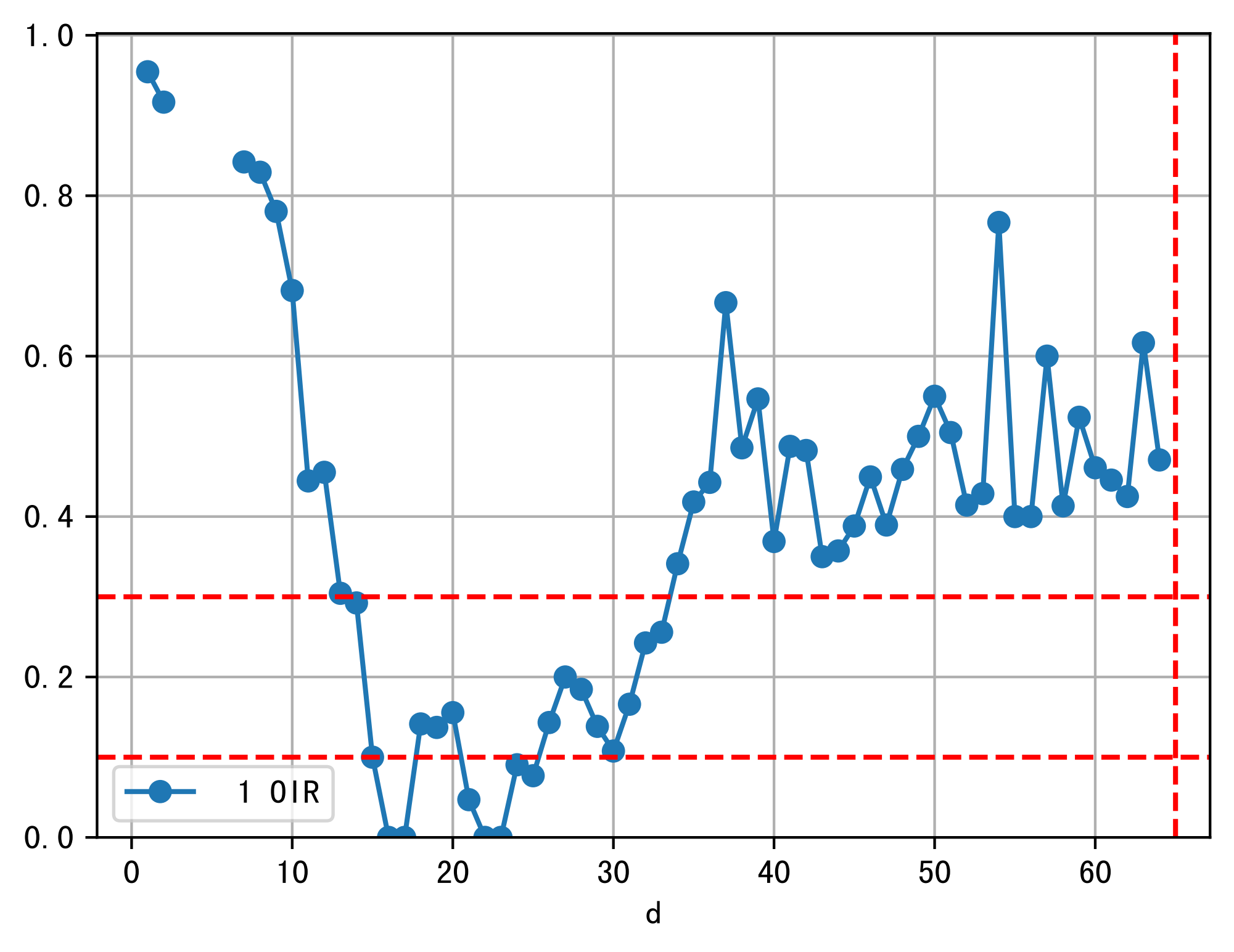
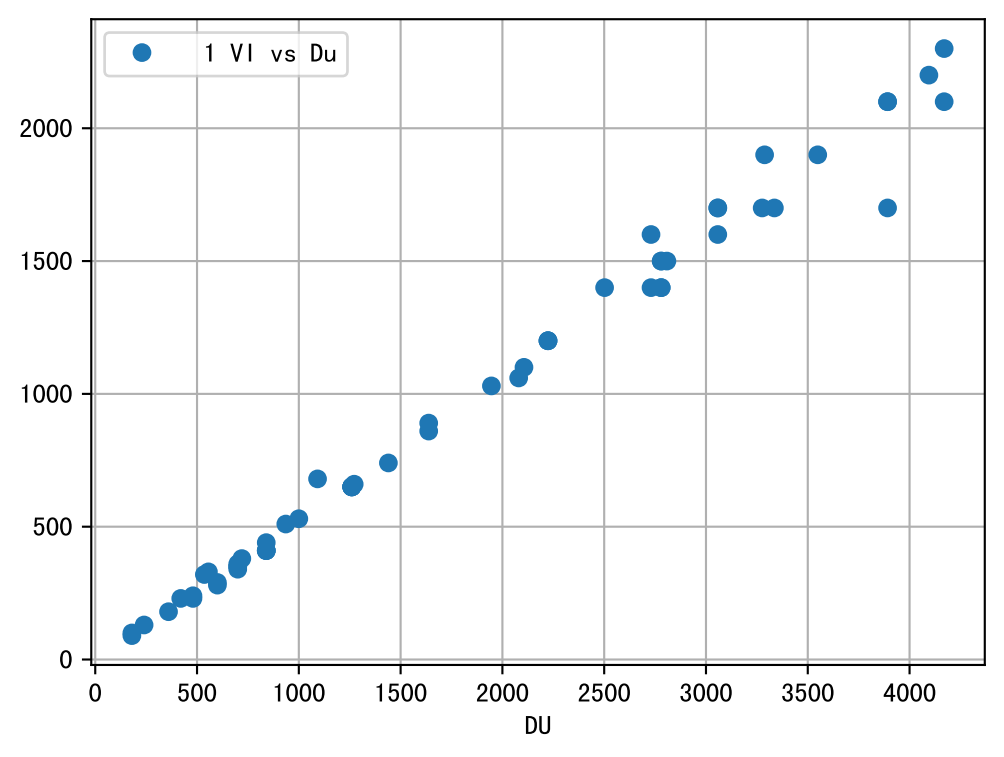
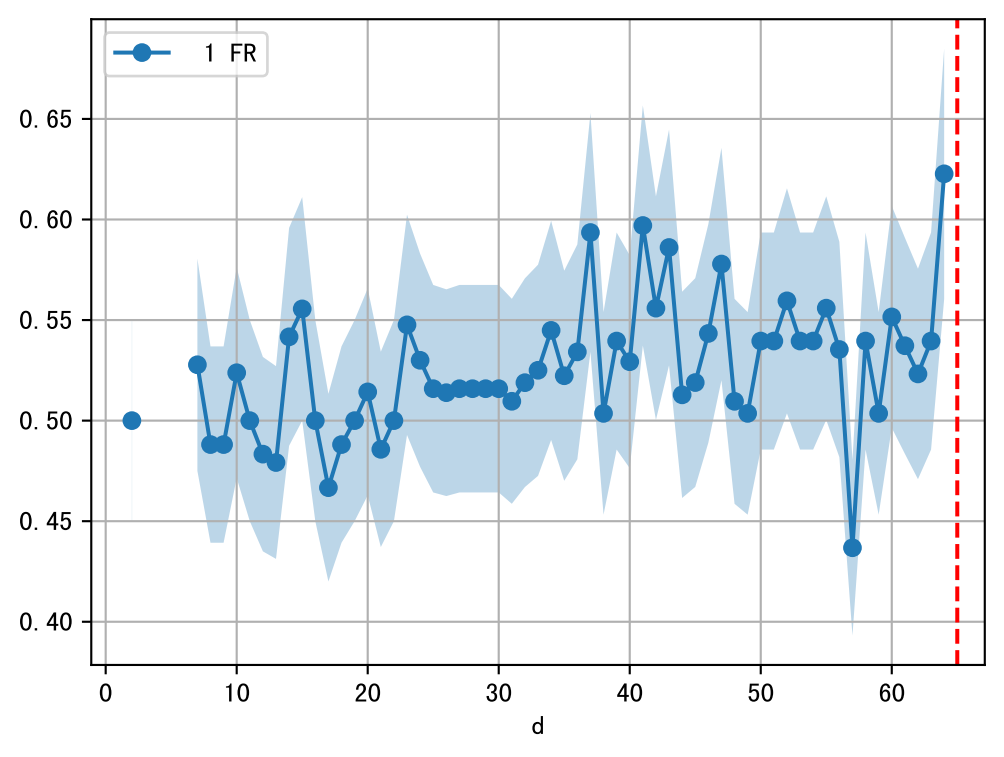
FgArea: ['0']
NC11 P3-2
2025-06-02 (Day 65)

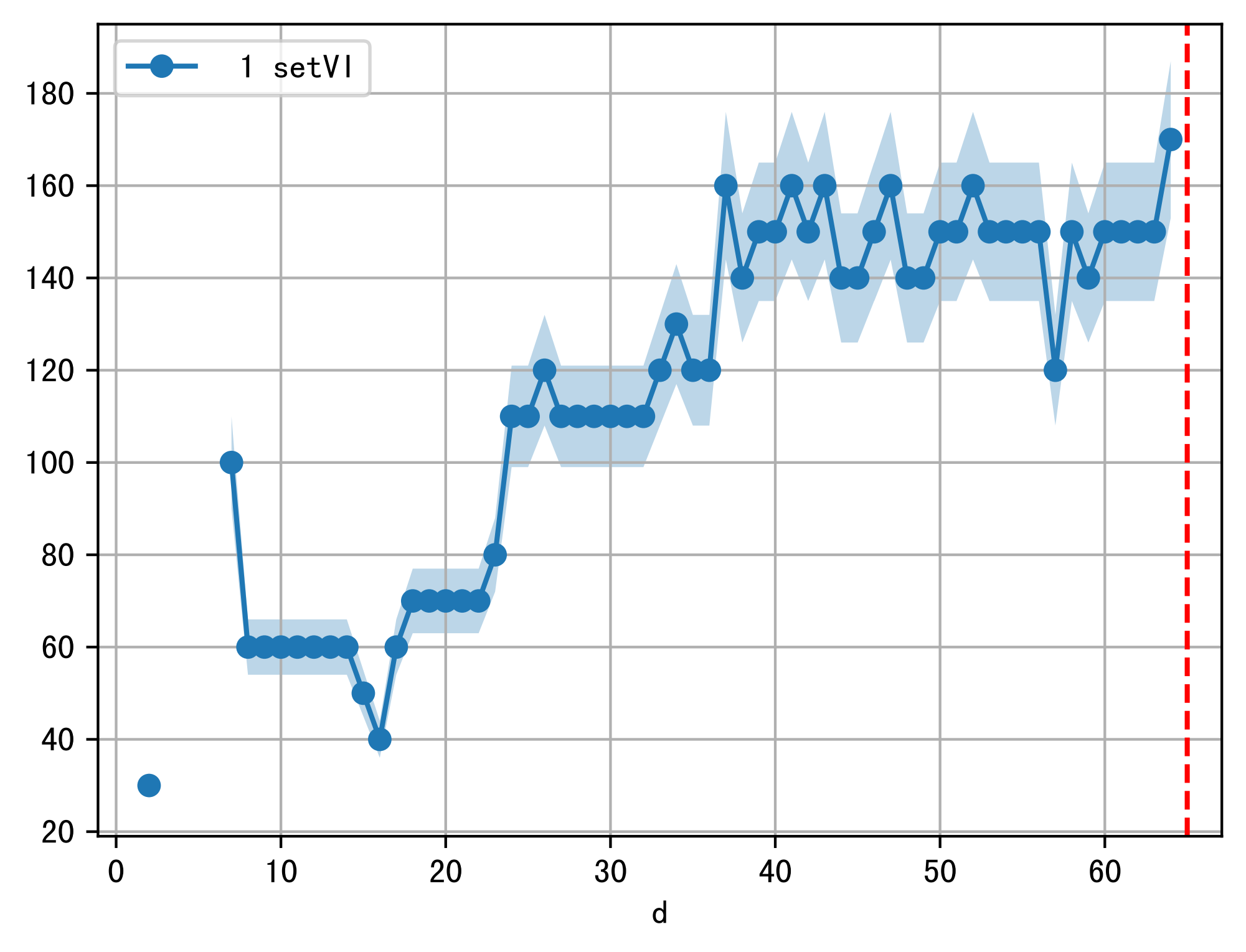

VI
V0
2000
1500
1000
500
0
0
10
20
30
40
50
60
d

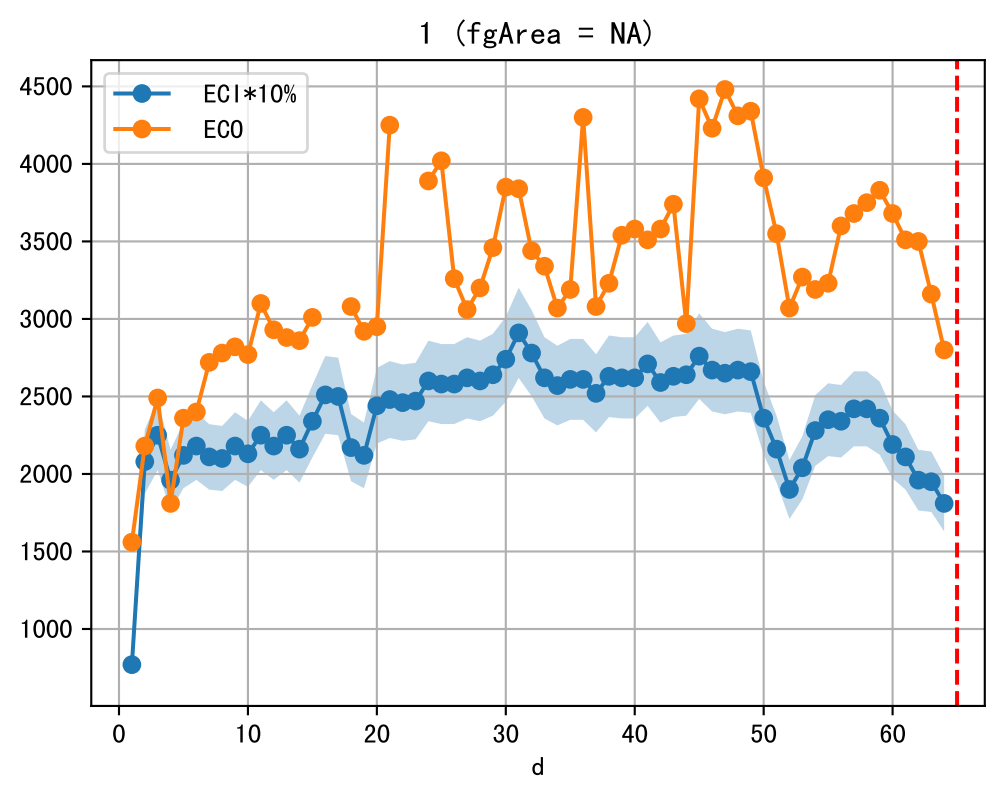

1 VN
0
200
400
600
800
1000
1200
0
10
20
30
40
50
60
d

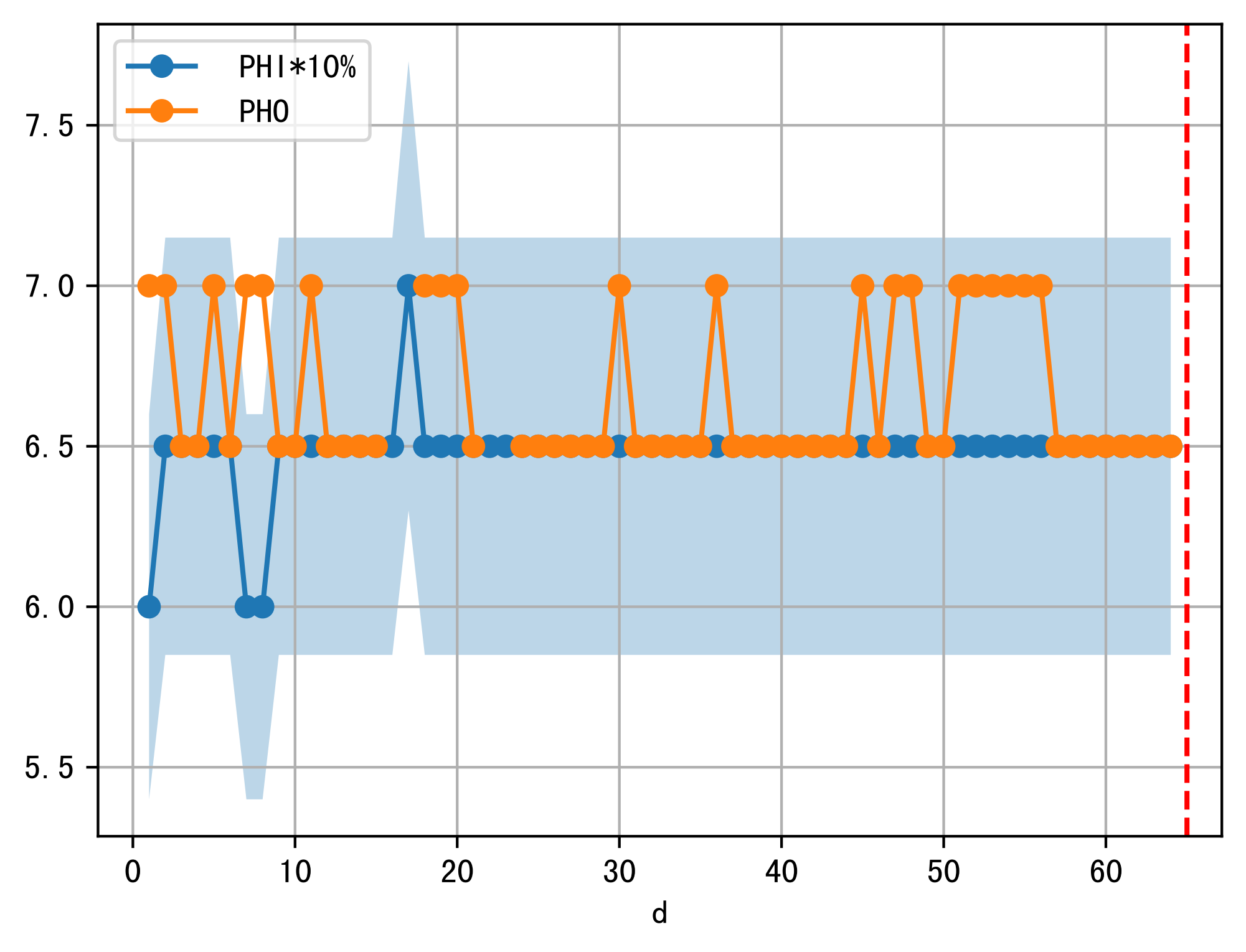

1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
d
1 0IR

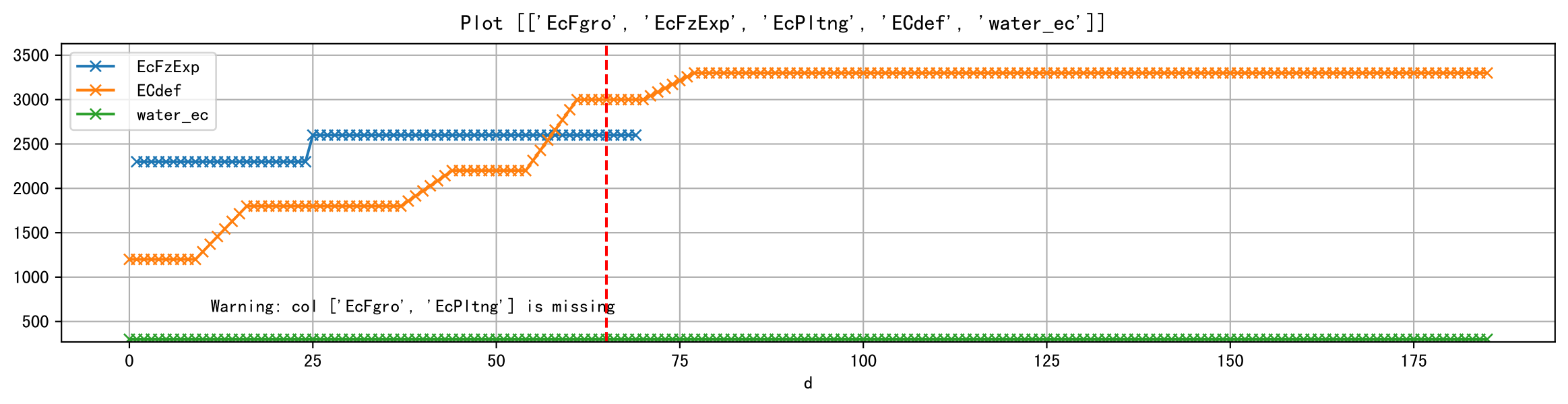

1 VI vs Du
0
500
1000
1500
2000
2500
3000
3500
4000
DU

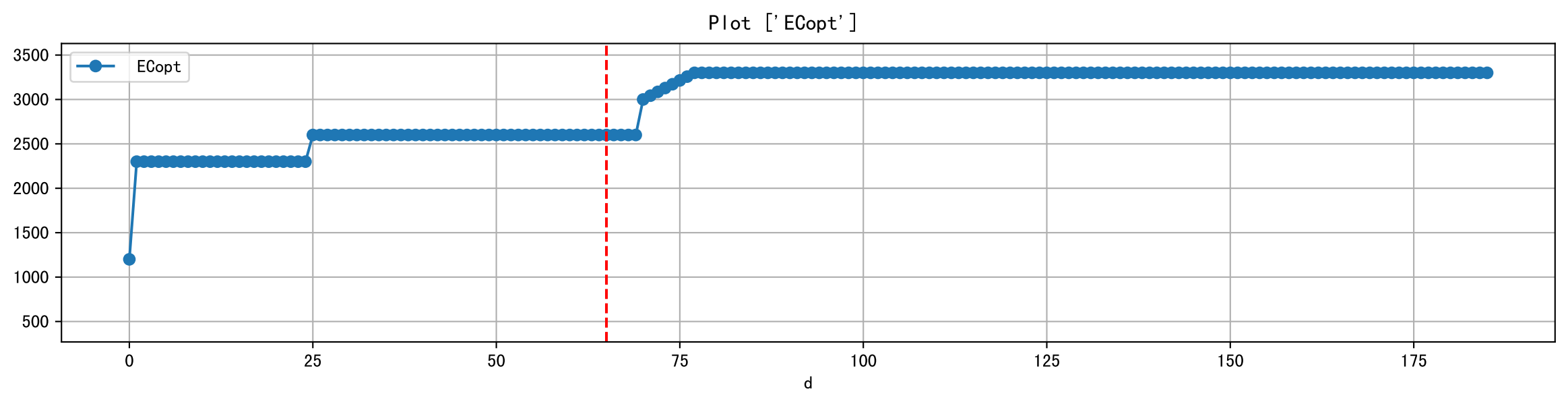

1 FR
0.65
0.60
0.55
0.50
0.45
0.40
0
10
20
30
40
50
60
d


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

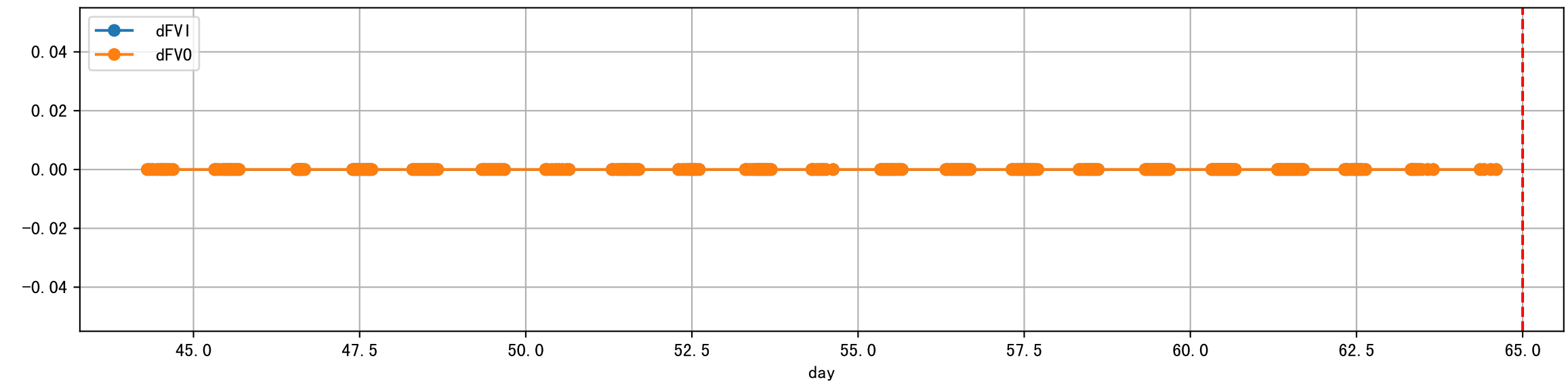

1 (fgArea = NA)
ECI*10%
ECO
4500
4000
3500
3000
2500
2000
1500
1000
0
10
20
30
40
50
60
d

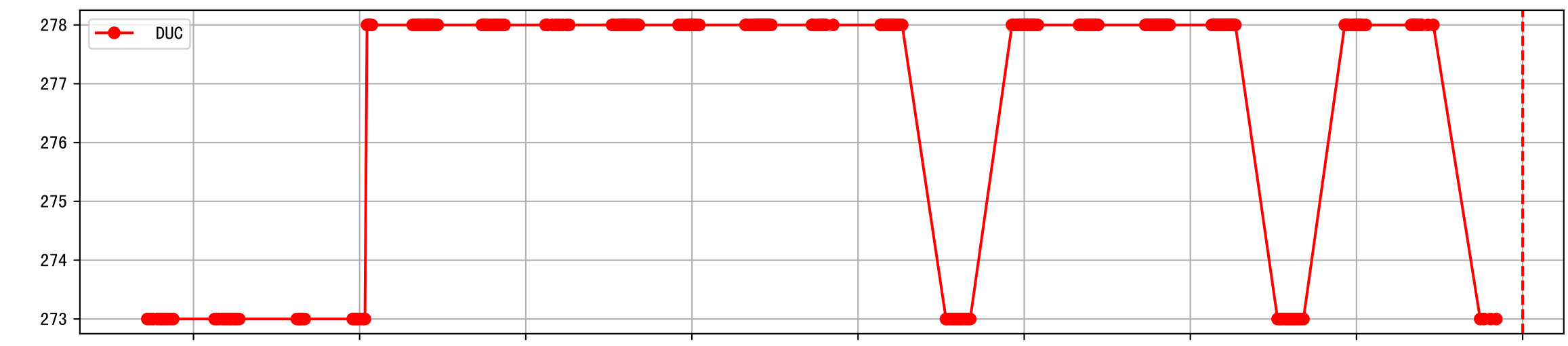

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
10
20
30
40
50
60
d

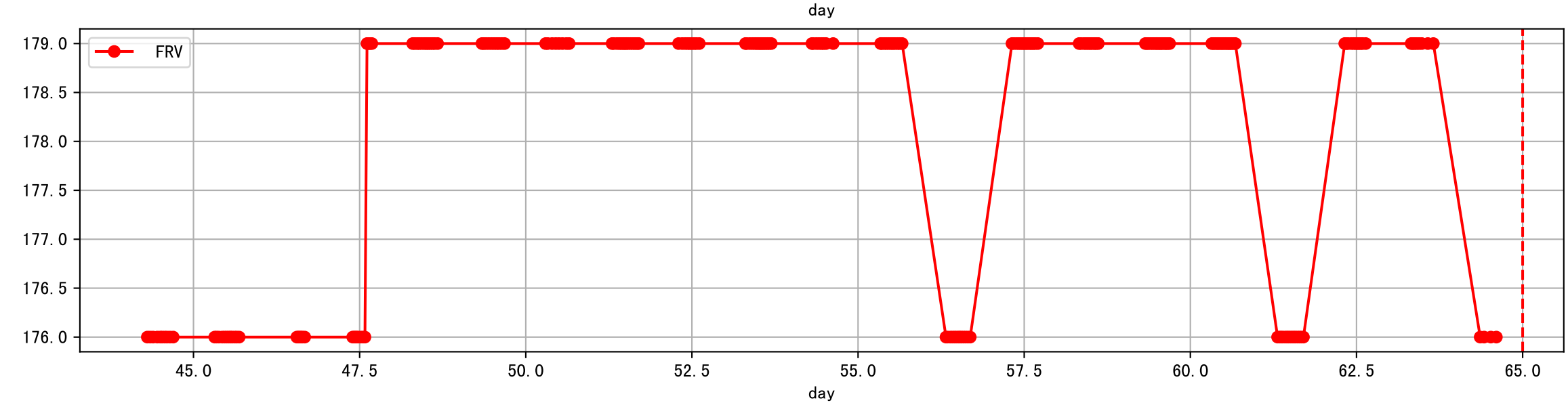

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

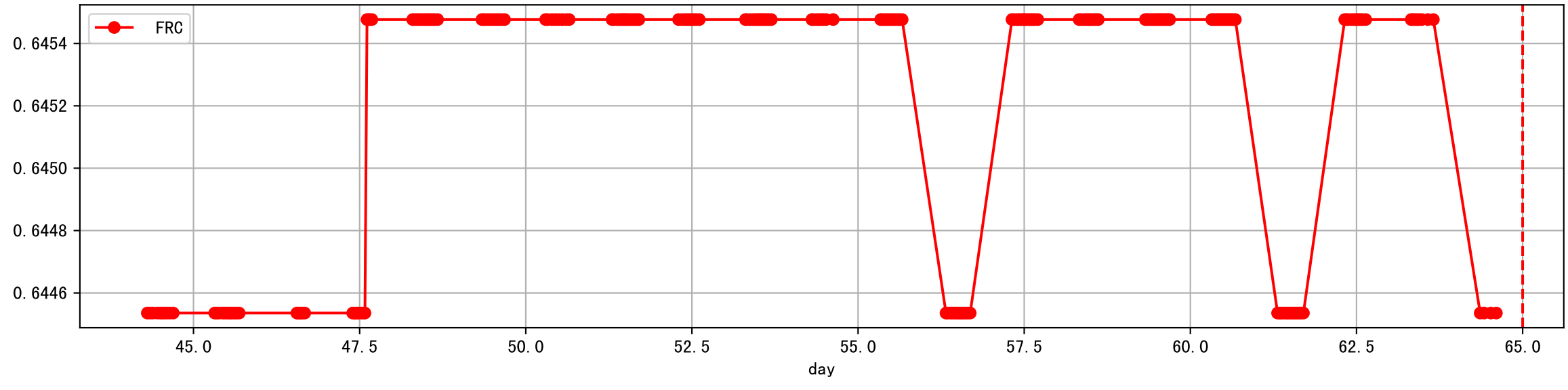

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

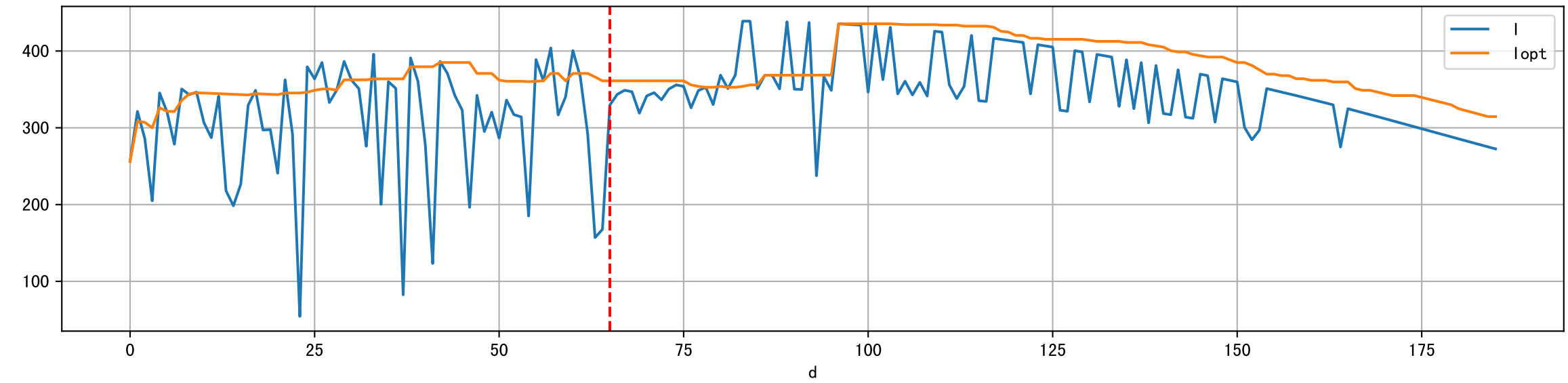


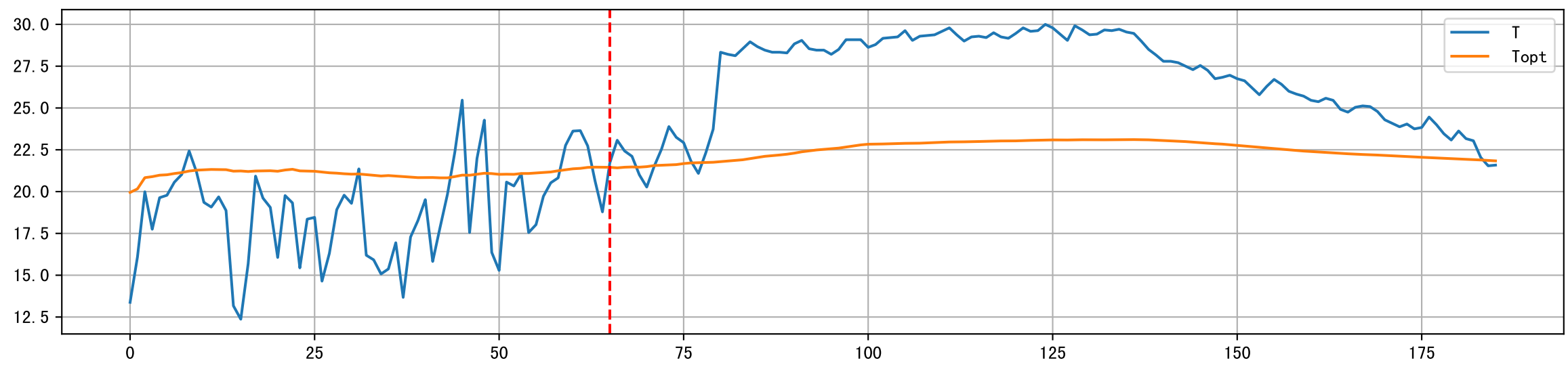


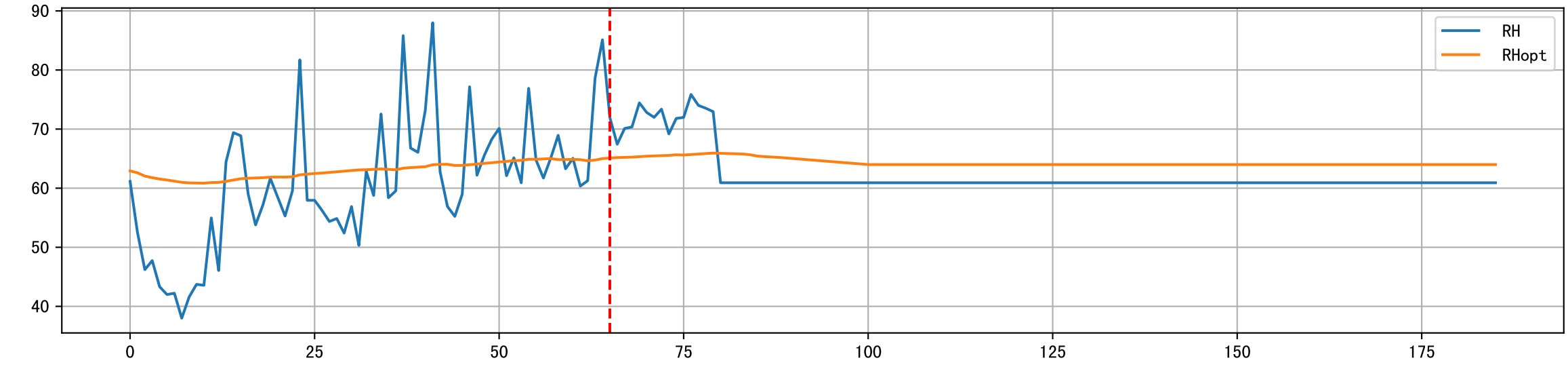


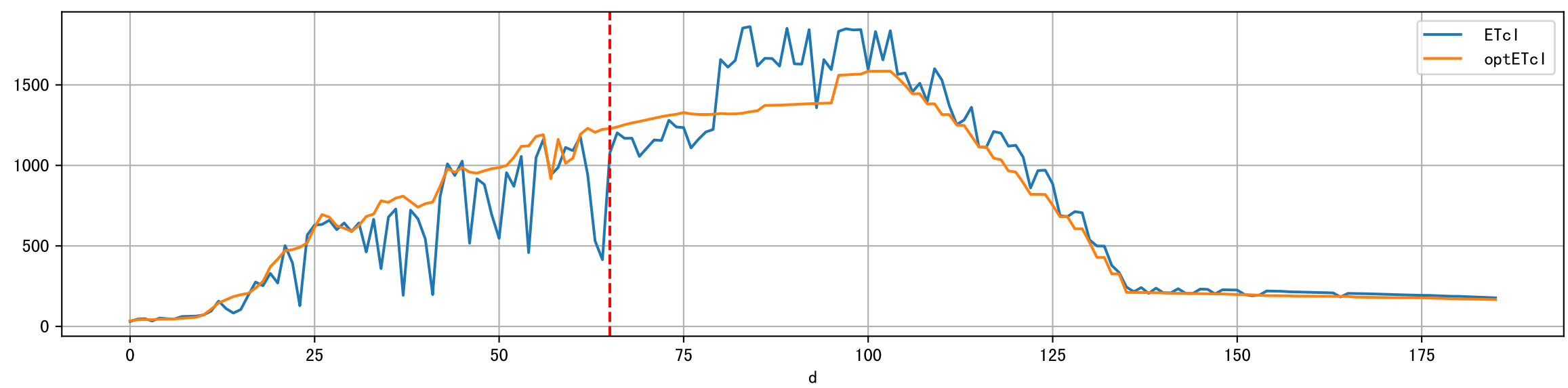


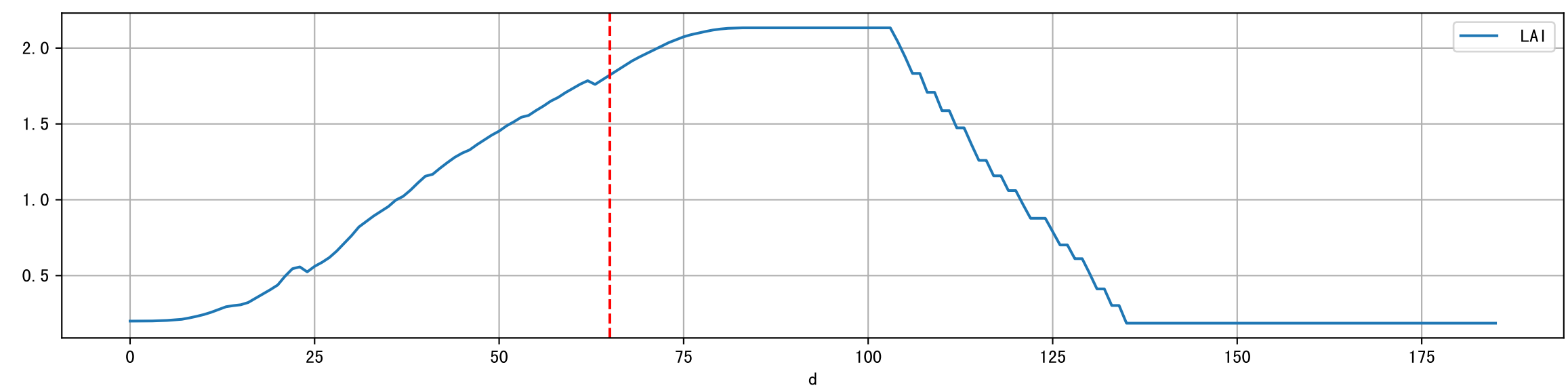
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

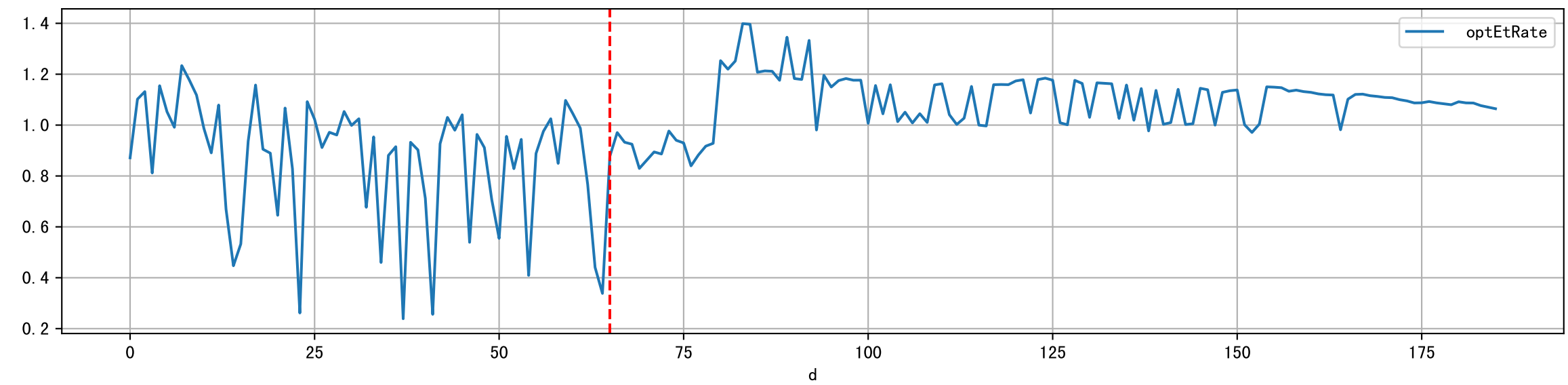


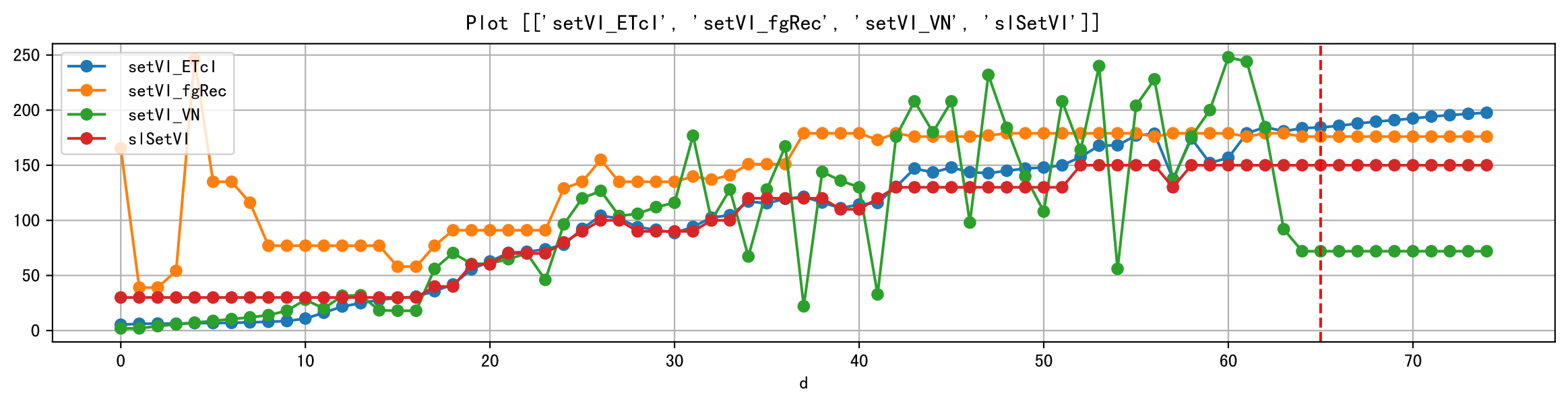


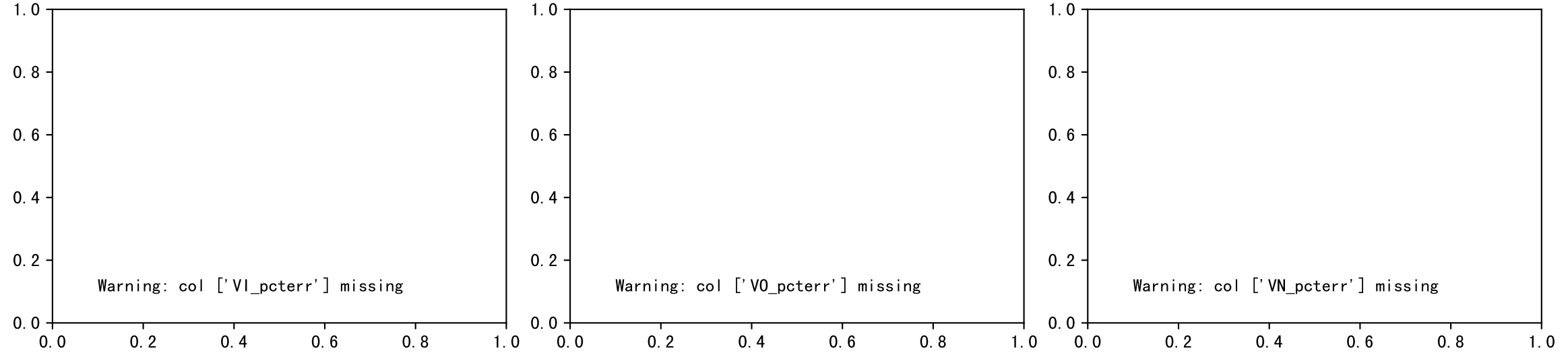


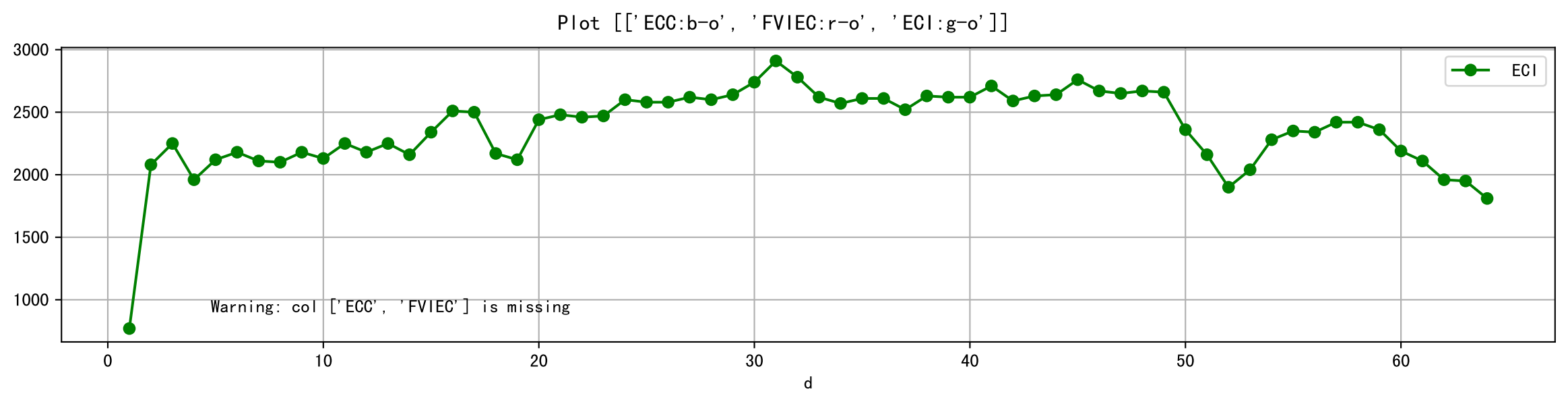


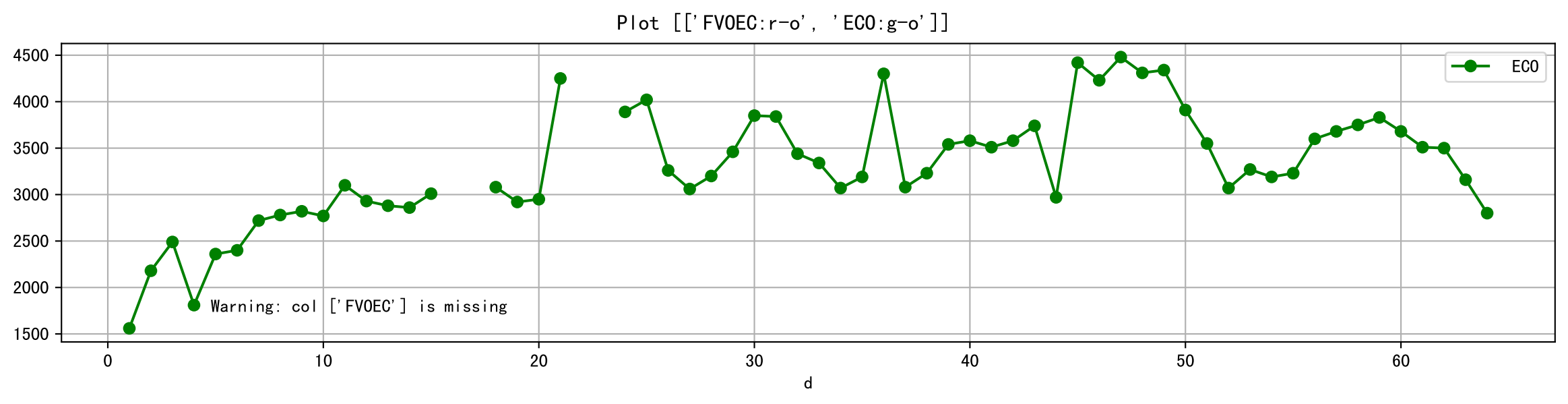


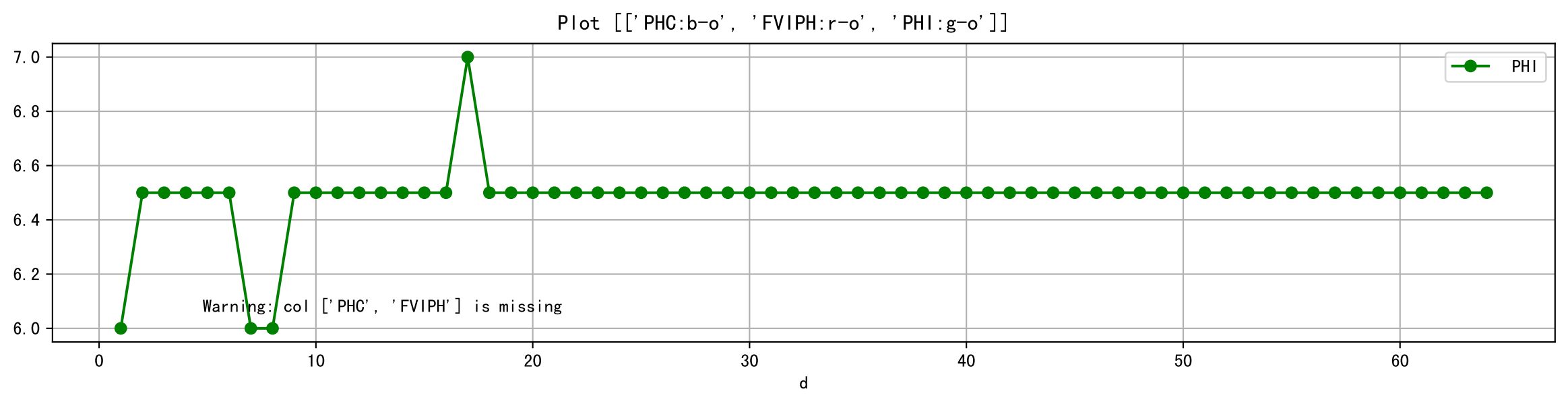


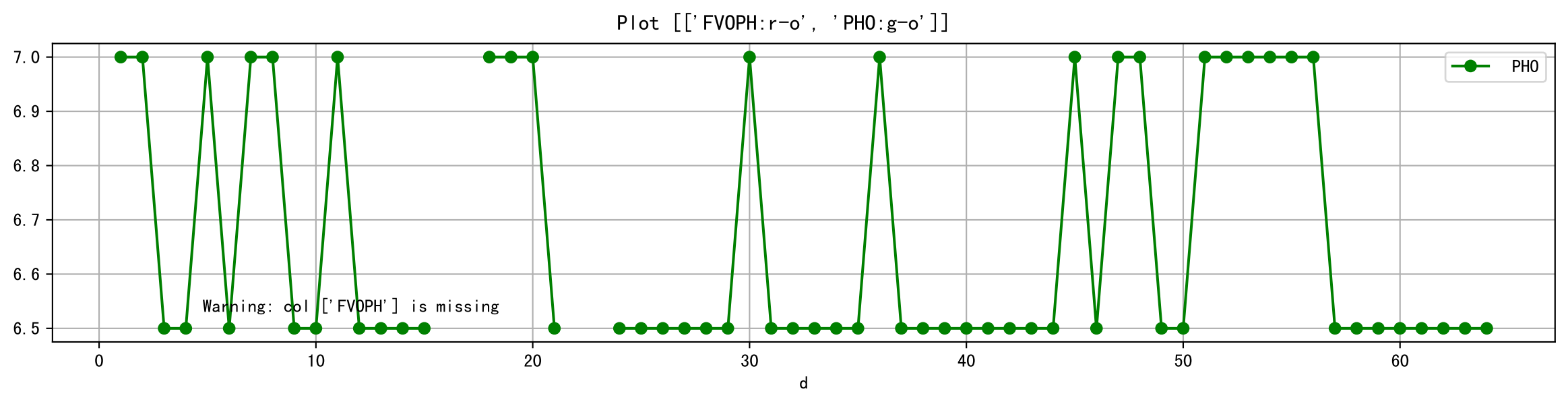

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
250
200
150
100
50
0
0
10
20
30
40
50
60
70
d

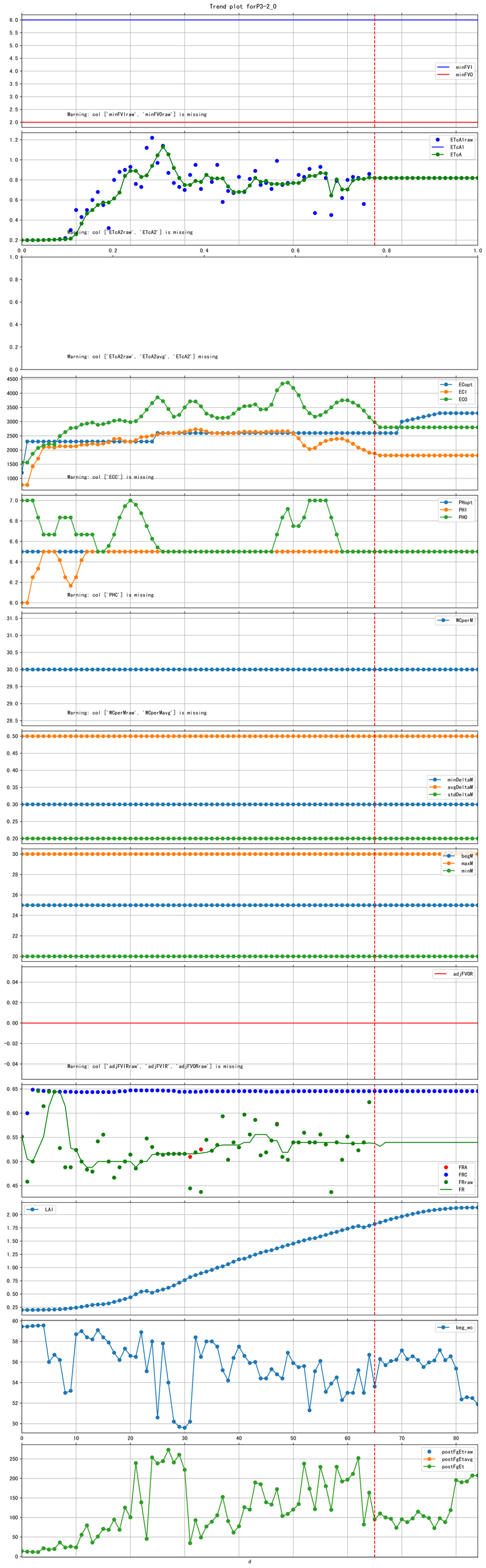

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

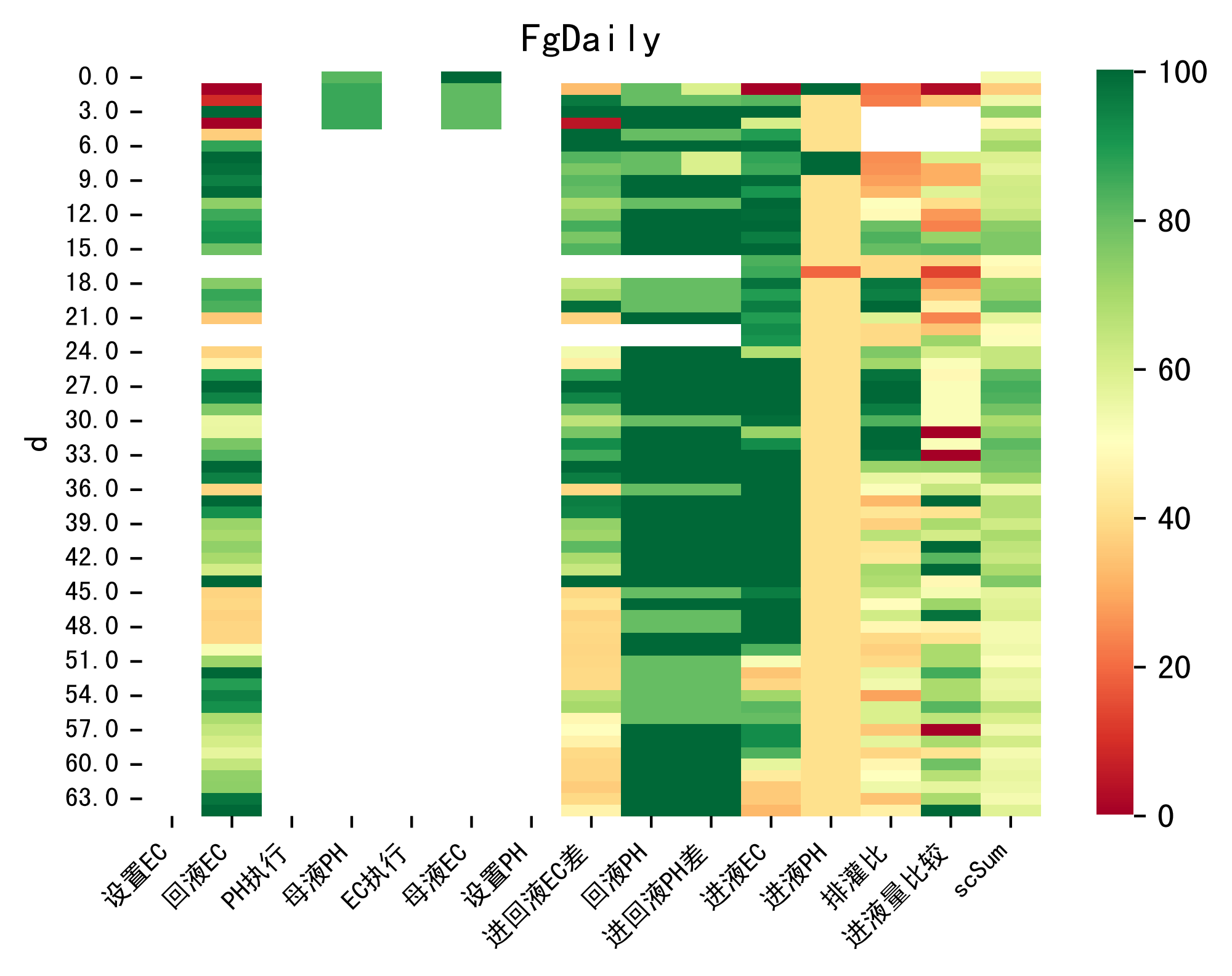

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
3000
2500
2000
1500
1000
0
10
20
30
40
50
60
d
ECI
Warning: col ['ECC', 'FVIEC'] is missing


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
d

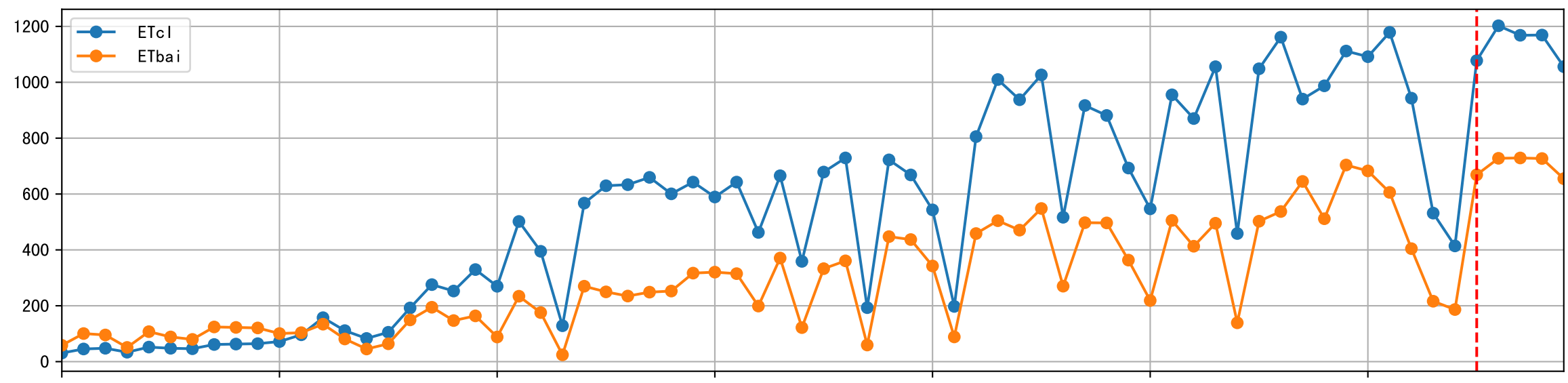

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
7.0
6.8
6.6
6.4
6.2
6.0
Warning: col ['PHC', 'FVIPH'] is missing
0
10
20
30
40
50
60
d

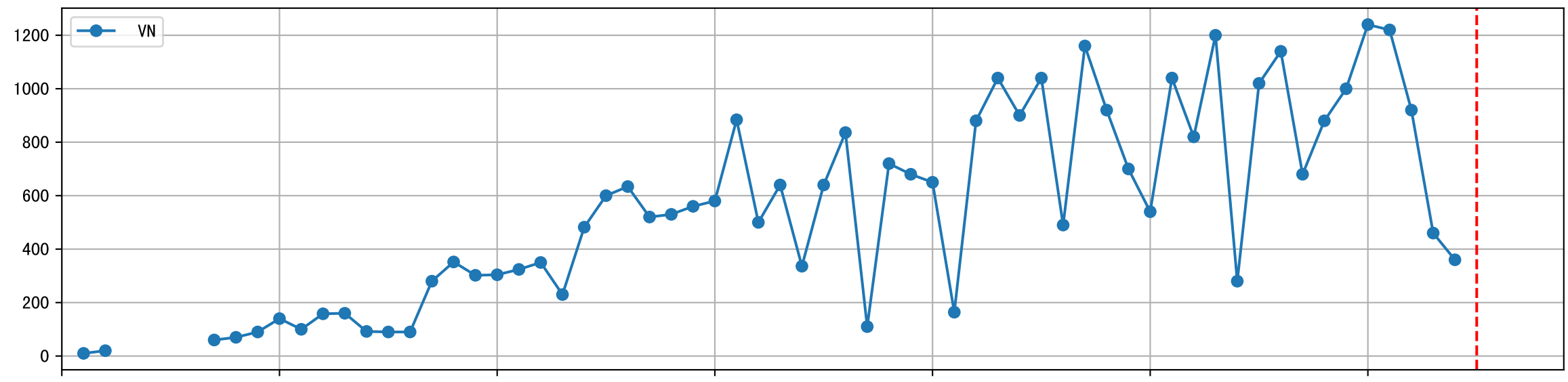

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
10
20
30
40
50
60
d

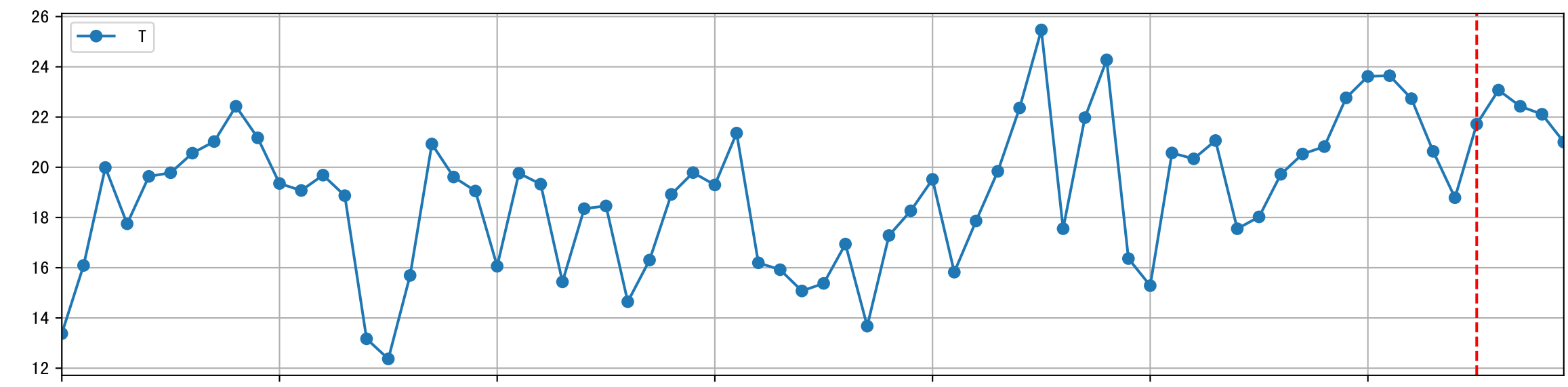

Trend plot forP3-2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECi
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM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

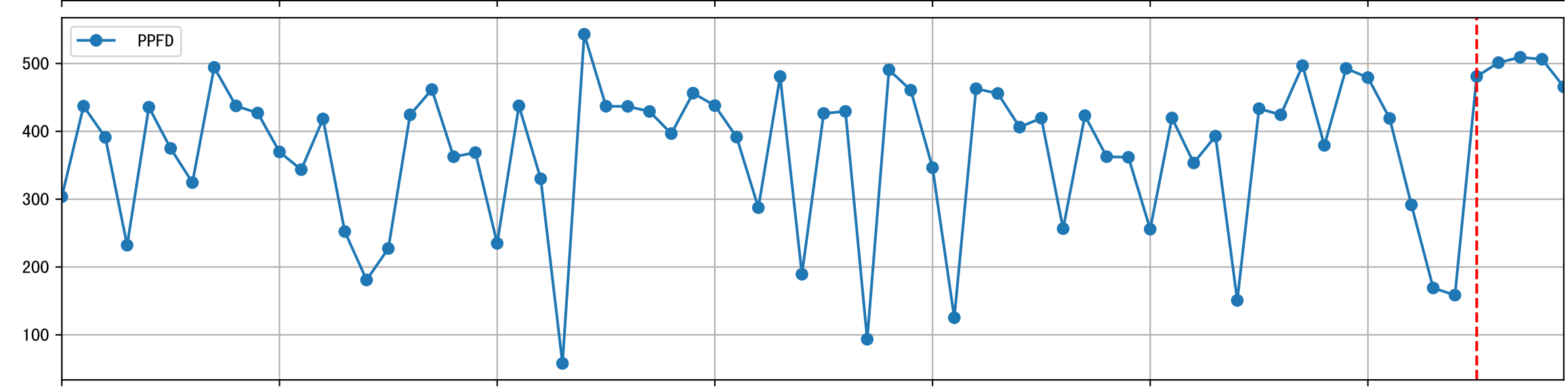

FgDaily
d
0.0
3.0
6.0
9.0
12.0
15.0
18.0
21.0
24.0
27.0
30.0
33.0
36.0
39.0
42.0
45.0
48.0
51.0
54.0
57.0
60.0
63.0
设置EC
回液EC
PH执行
母液PH
EC执行
母液EC
设置PH
进回液EC差
回液PH
进回液PH差
进液EC
进液PH
排灌比
进液量比较
scSum
100
80
60
40
20
0

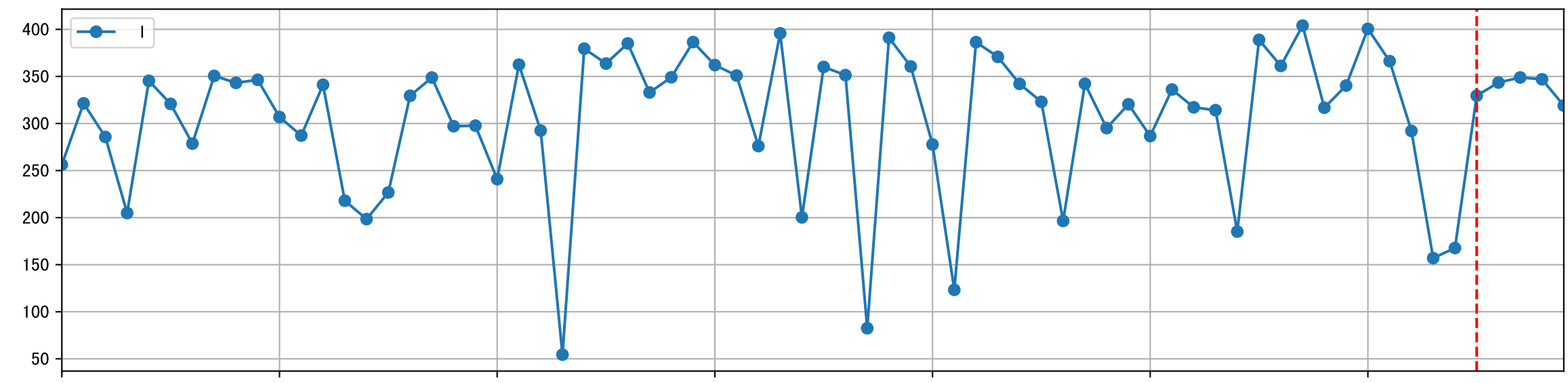
P3-2_0

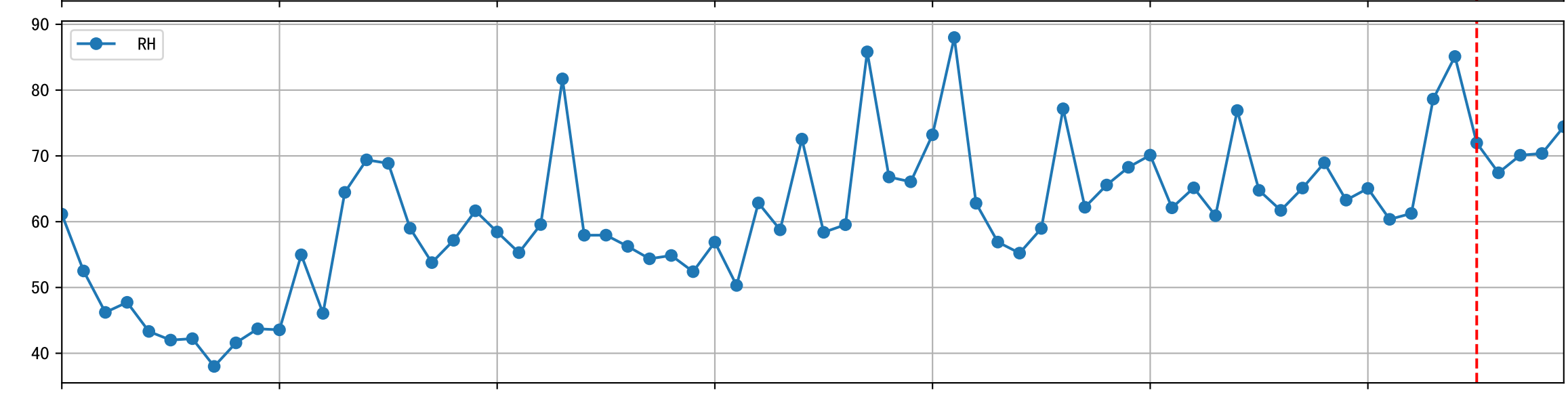


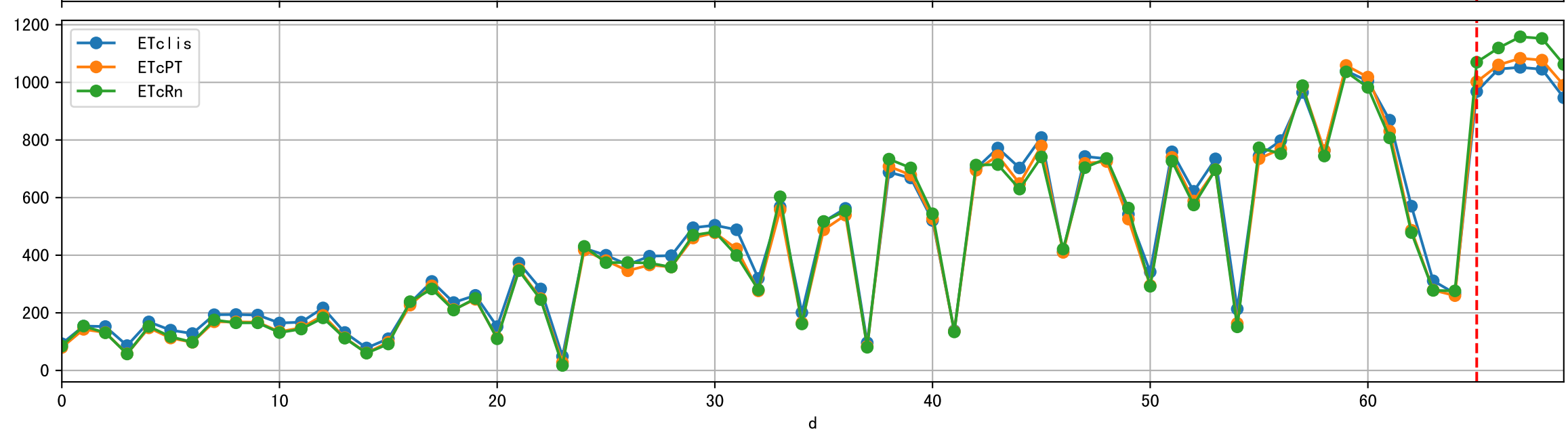


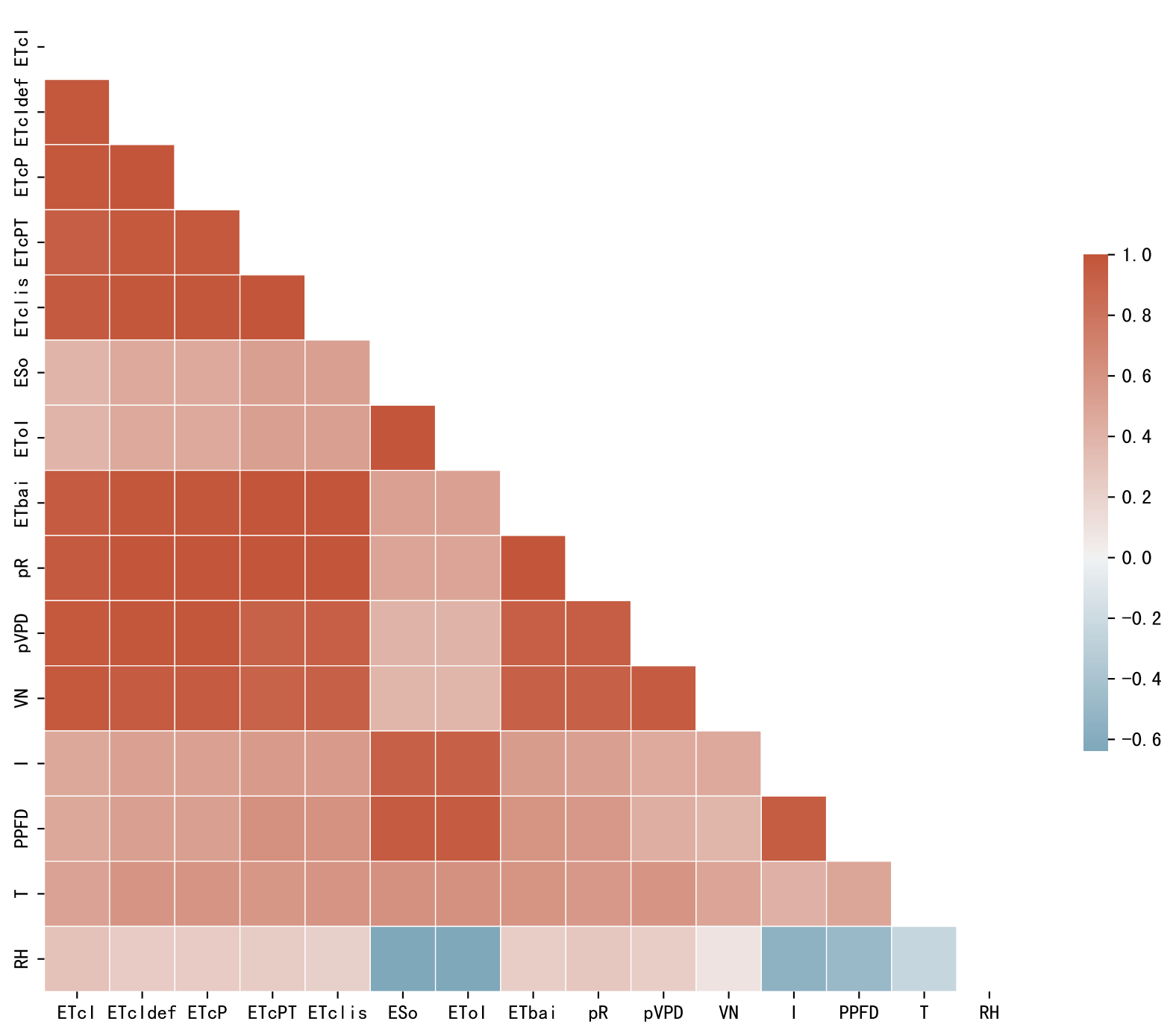


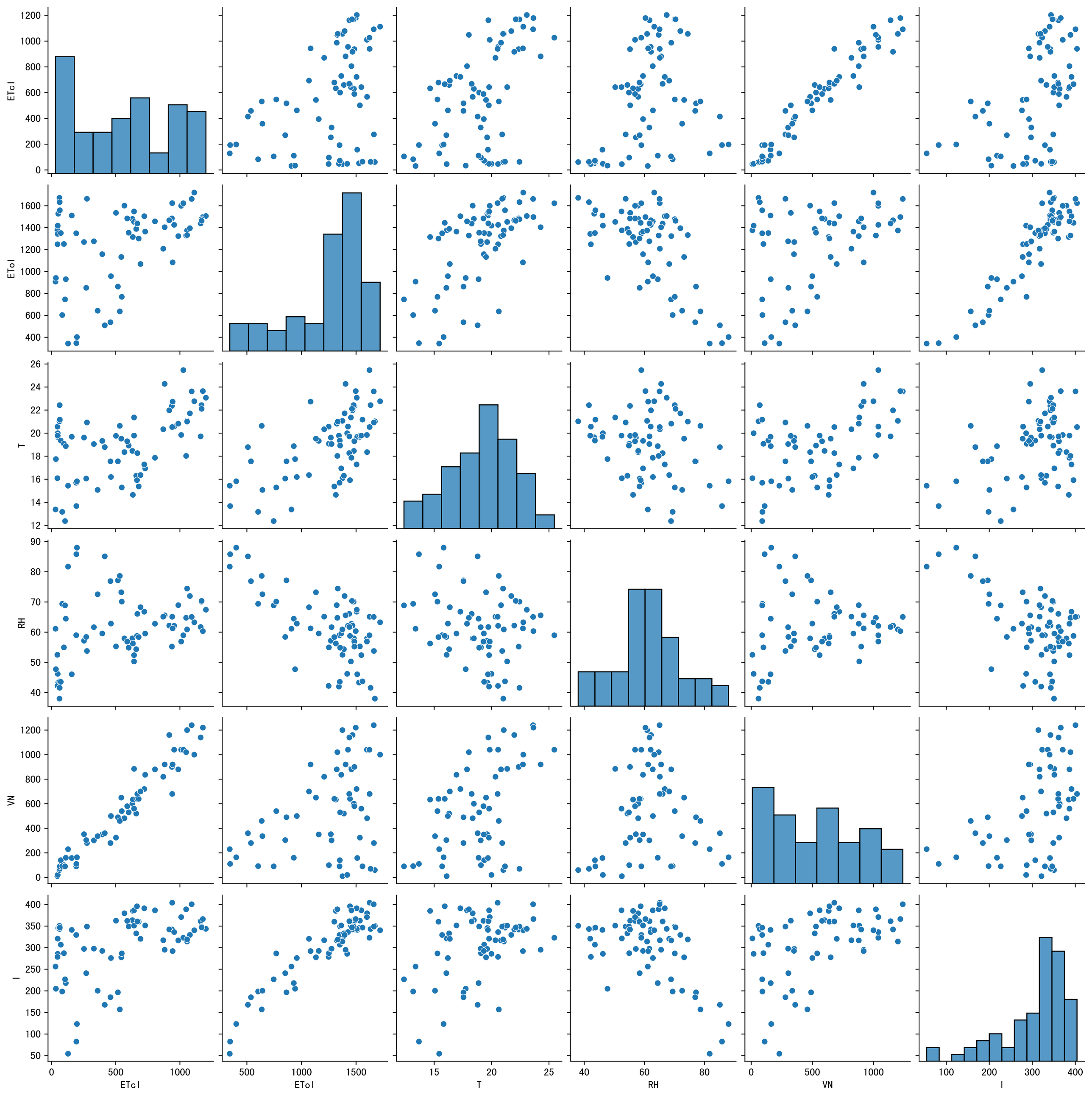


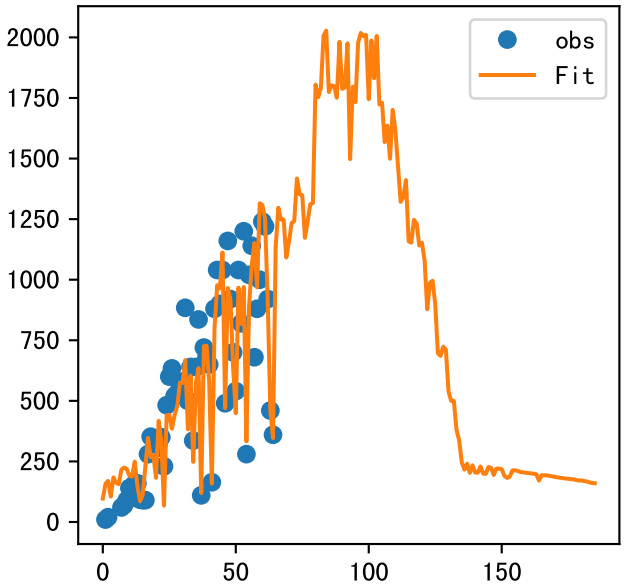


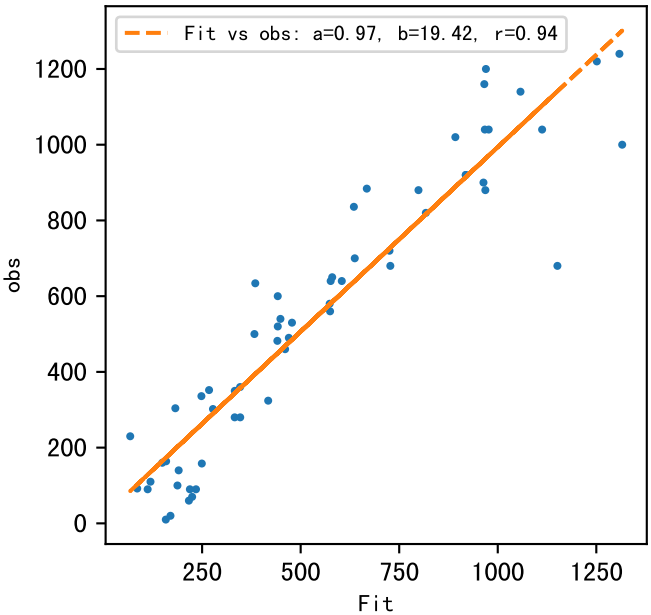




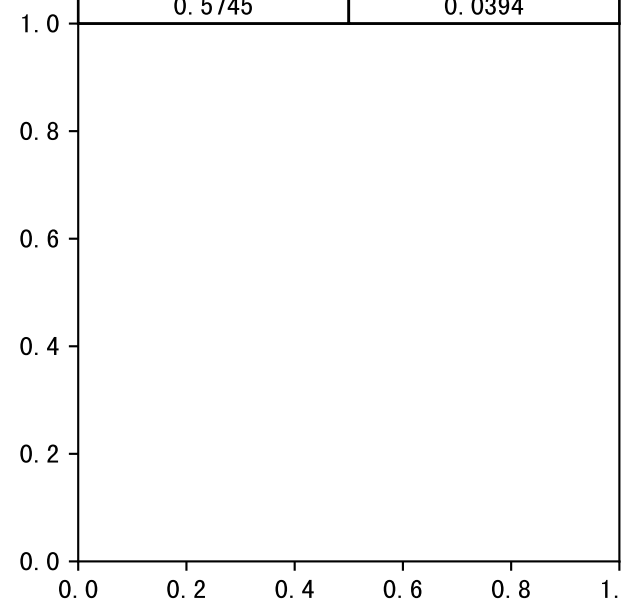

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

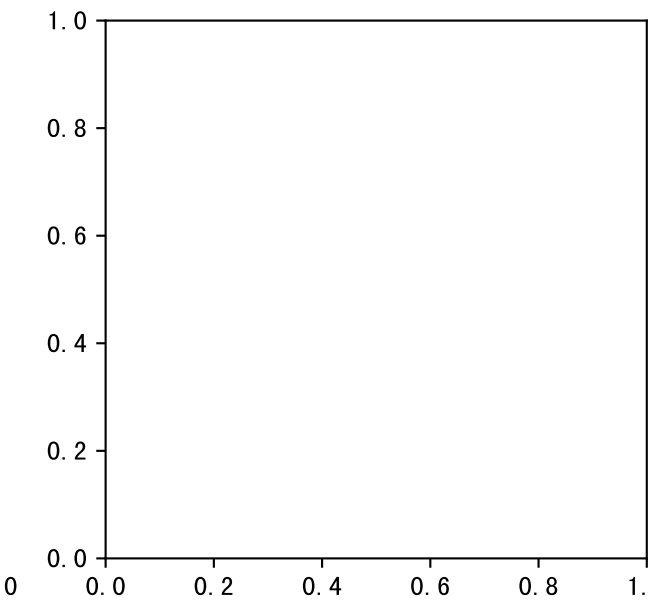

ETcl
ETol
T
RH
VN
I

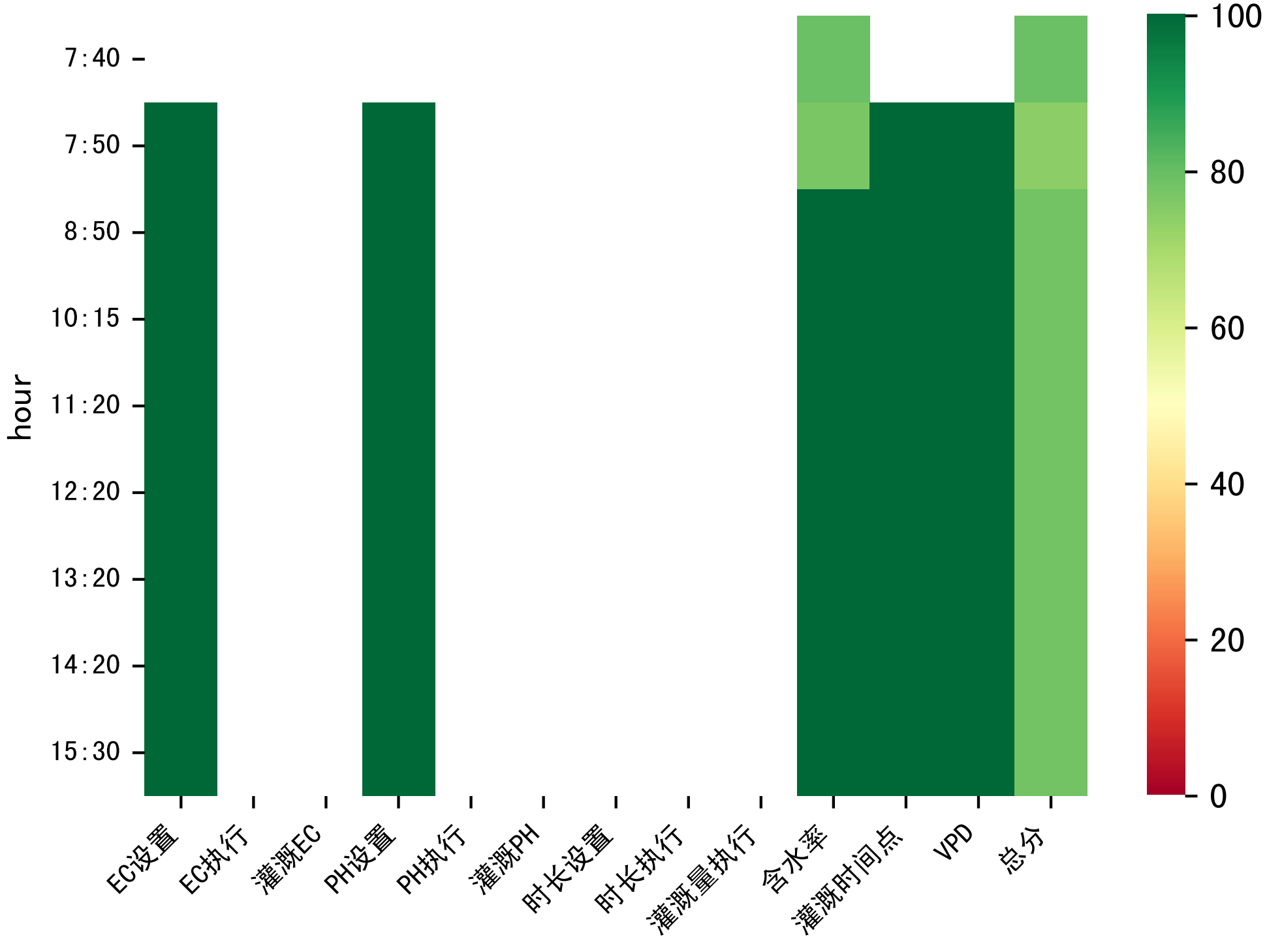




baiA	baiB
0.5745	0.0394



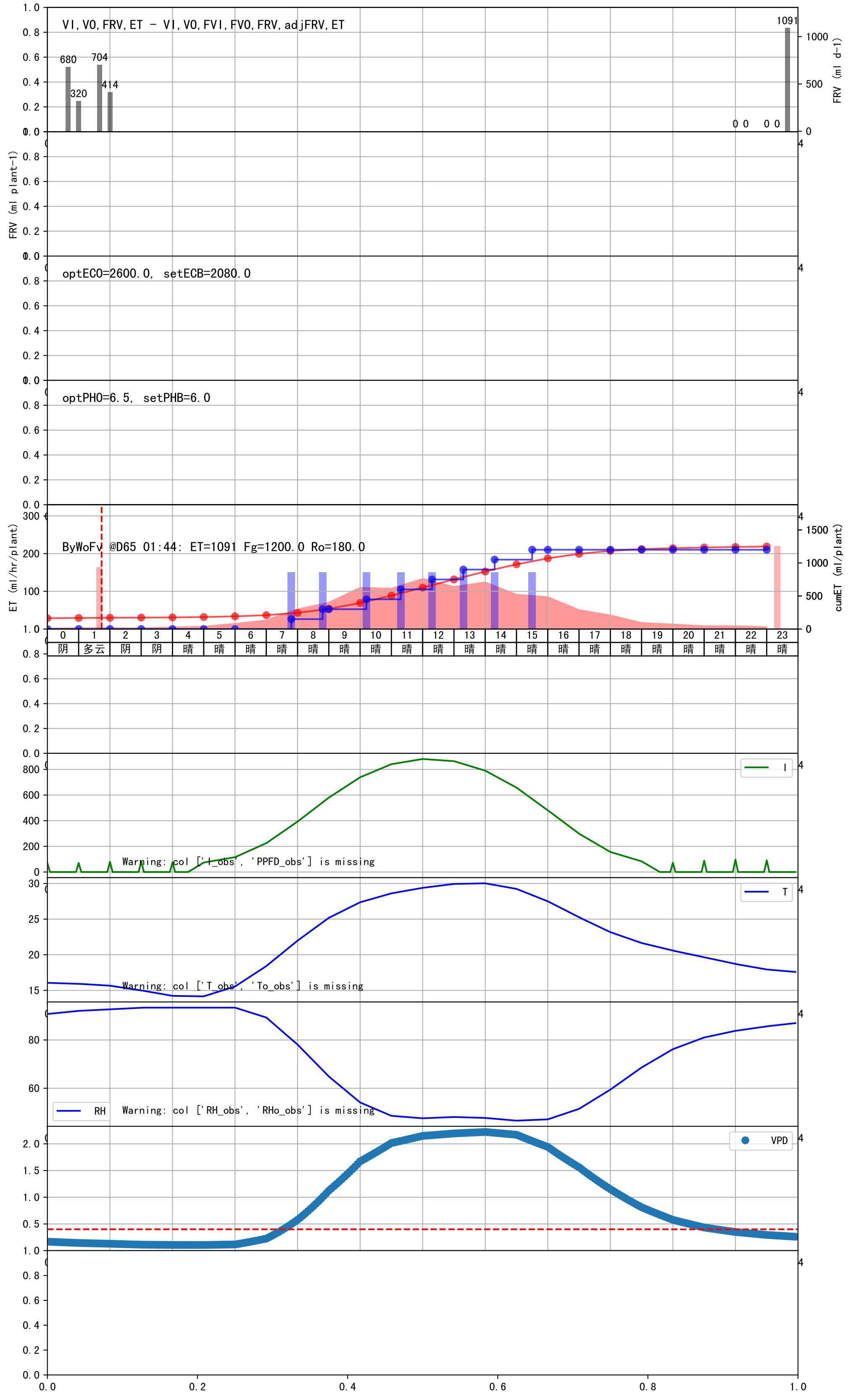


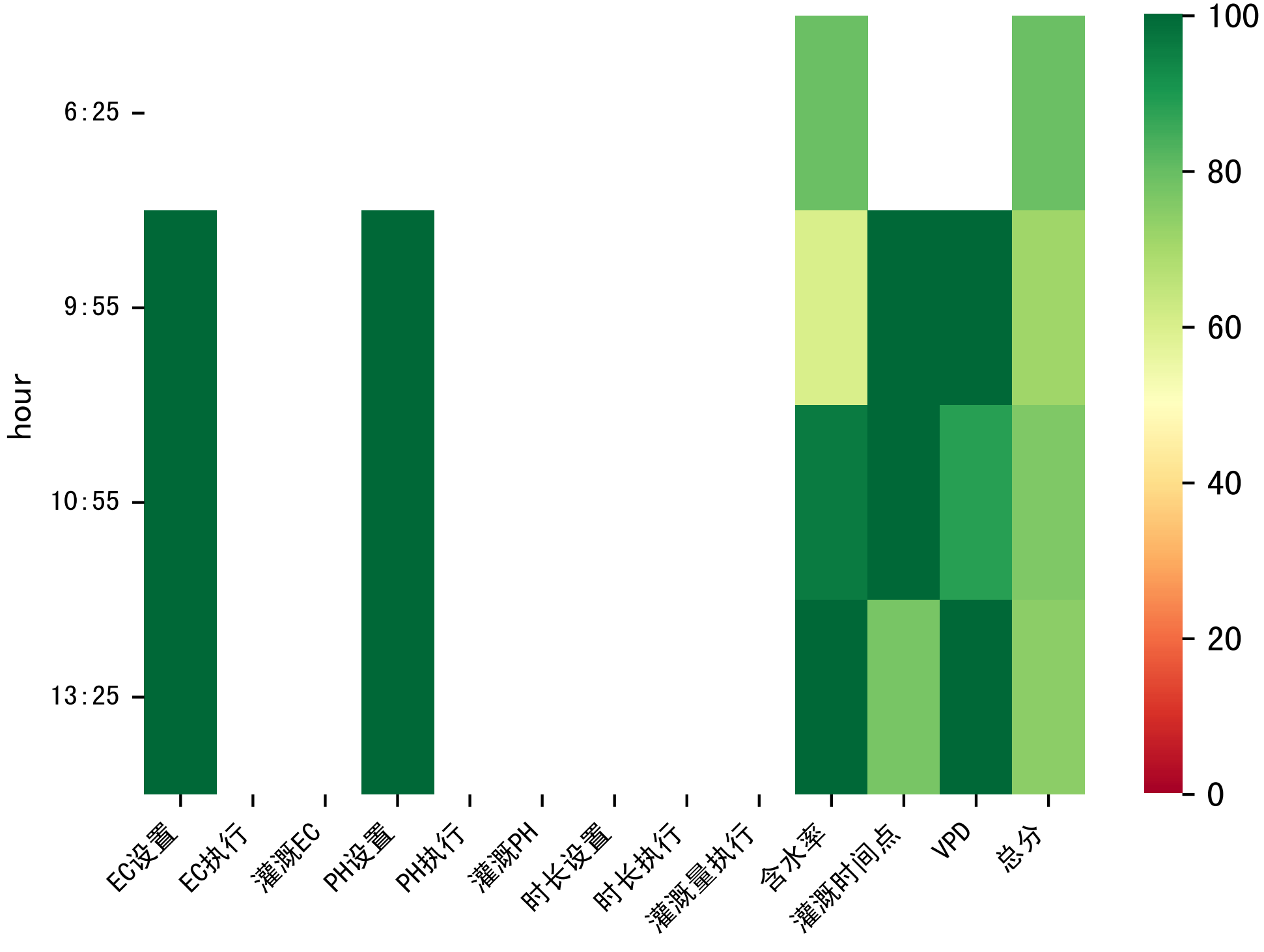

hour
7:40
7:50
8:50
10:15
11:20
12:20
13:20
14:20
15:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:50	278	150.0	2.583	晴	预期@07:50 未知程序（未用传感器）
08:50	278	150.0	2.583	晴	预期@08:50 未知程序（未用传感器）
10:15	278	150.0	2.583	晴	预期@10:15 未知程序（未用传感器）
11:20	278	150.0	2.583	晴	预期@11:20 未知程序（未用传感器）
12:20	278	150.0	2.583	晴	预期@12:20 未知程序（未用传感器）
13:20	278	150.0	2.583	晴	预期@13:20 未知程序（未用传感器）
14:20	278	150.0	2.583	晴	预期@14:20 未知程序（未用传感器）
15:30	278	150.0	2.583	晴	预期@15:30 未知程序（未用传感器）
总计	2224.0 (8次)	1200.0			建议进液EC：2080.0， PH：6.0

进回液EC差(1907.0 vs 3153.0)过高

P3-2_0, Day=65 (2025-06-02)

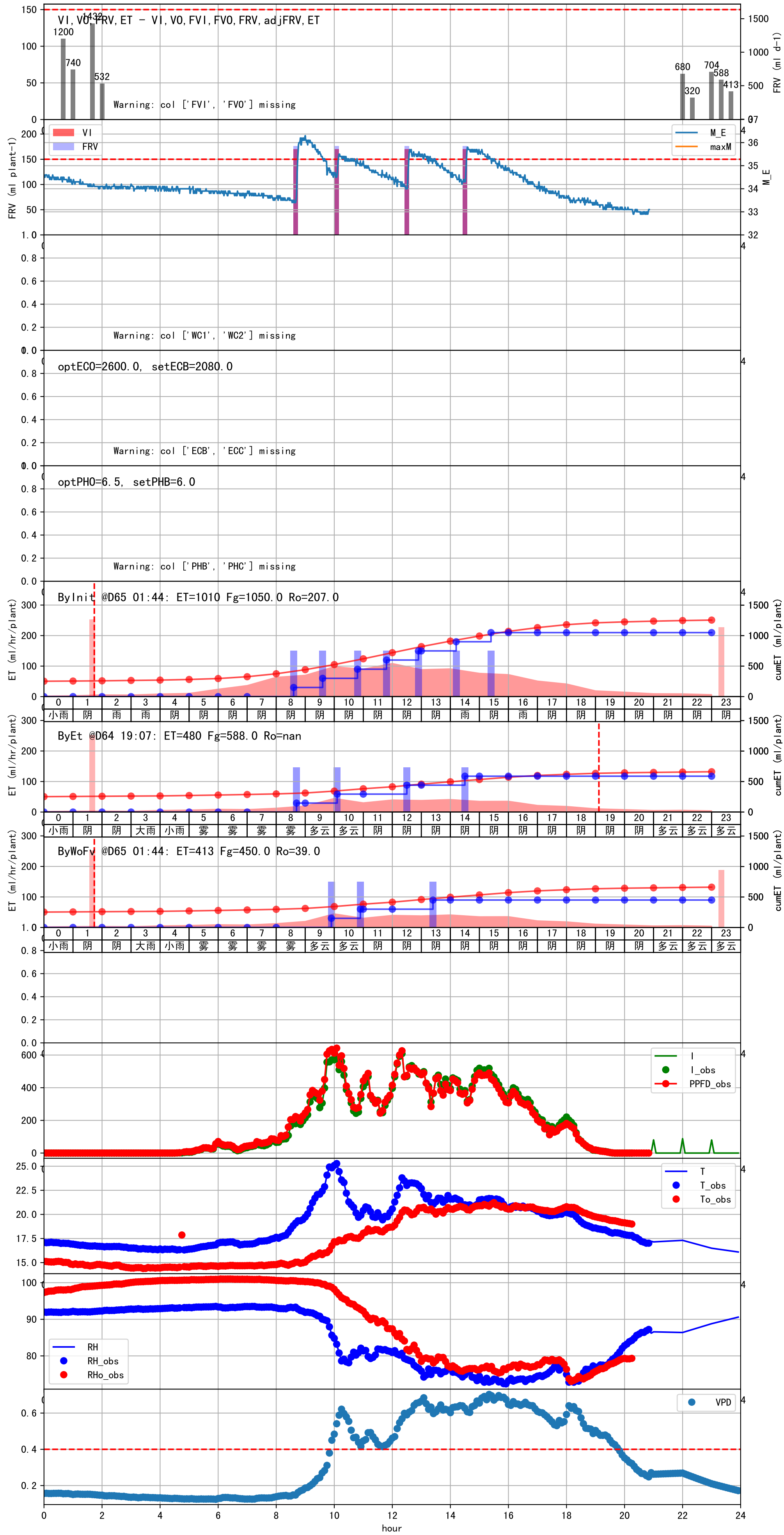


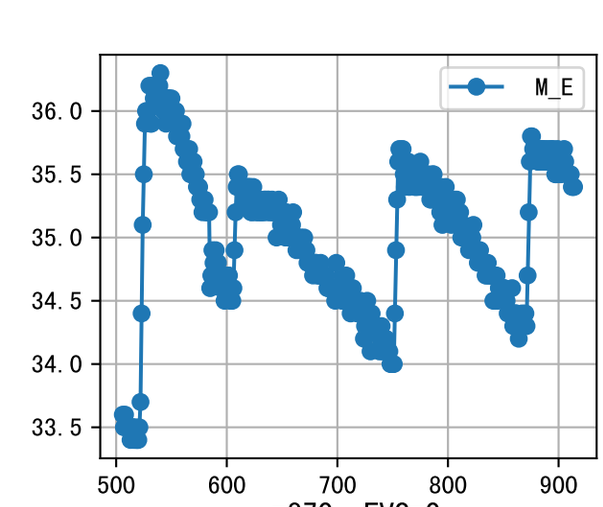

hour
6:25
9:55
10:55
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

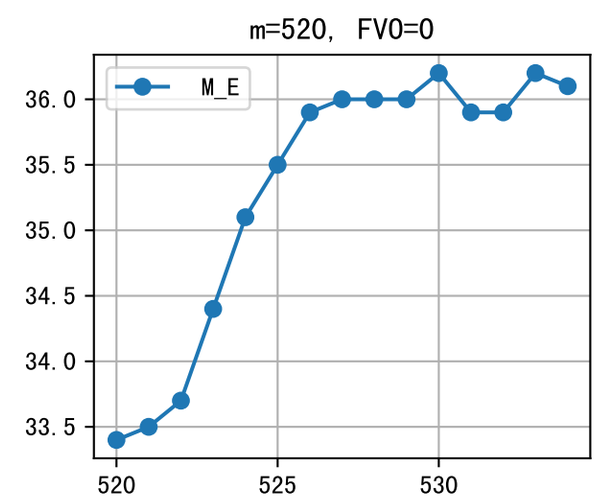
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:55	273	150.0	2.583	多云	假设@09:55 自动（未用传感器）
10:55	273	150.0	2.583	多云	假设@10:55 自动（未用传感器）
13:25	273	150.0	2.583	阴	假设@13:25 自动（未用传感器）
总计	819.0 (3次)	450.0			建议进液EC：2080.0， PH：6.0

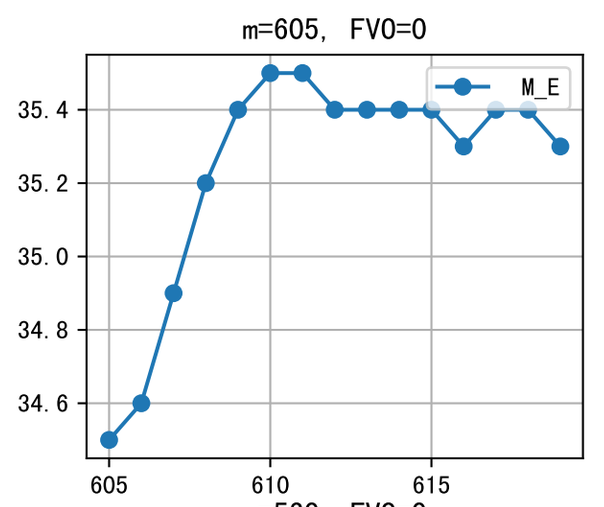
进回液EC差(2007.0 vs 3390.0)过高

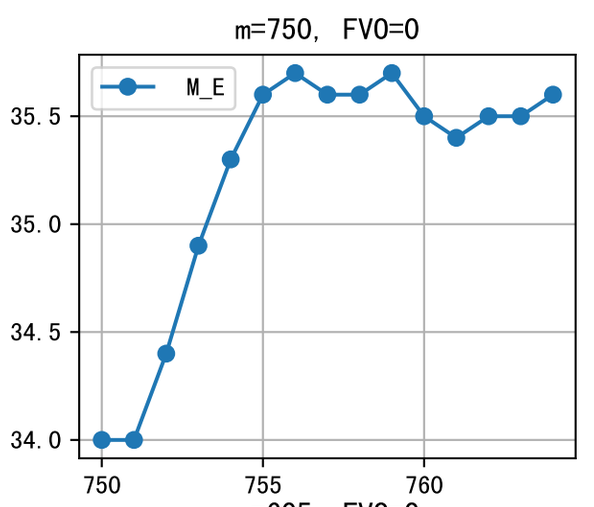
P3-2_0, Day=64 (2025-06-01)

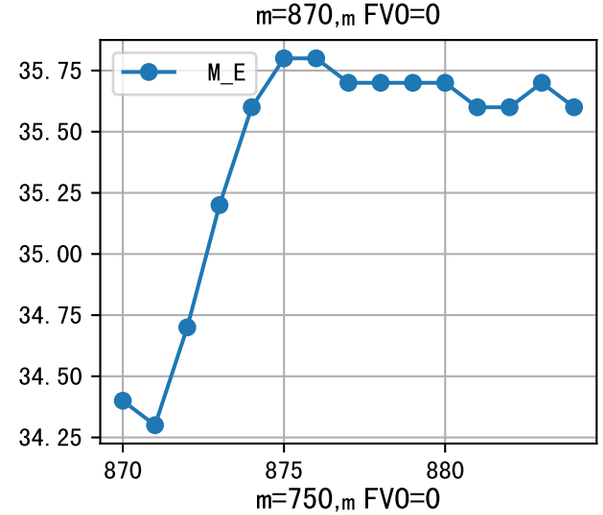


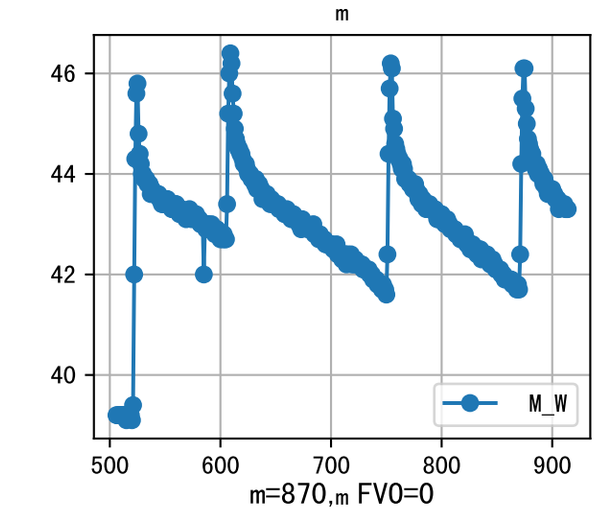

M_E
36.0
35.5
35.0
34.5
34.0
33.5
500
600
700
800
900

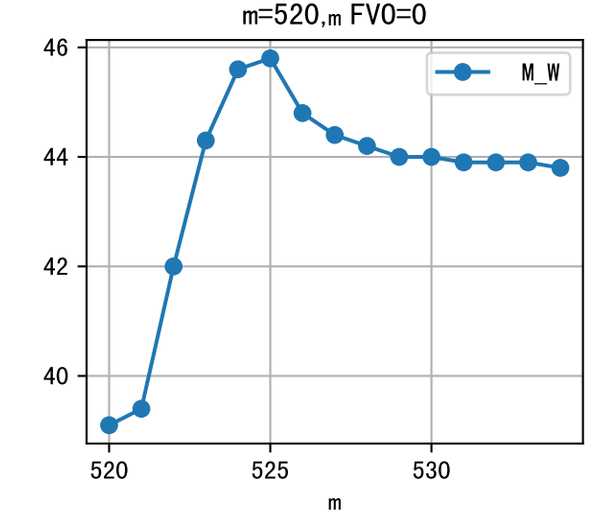

m=520, FV0=0
M_E
36.0
35.5
35.0
34.5
34.0
33.5
520
525
530
m

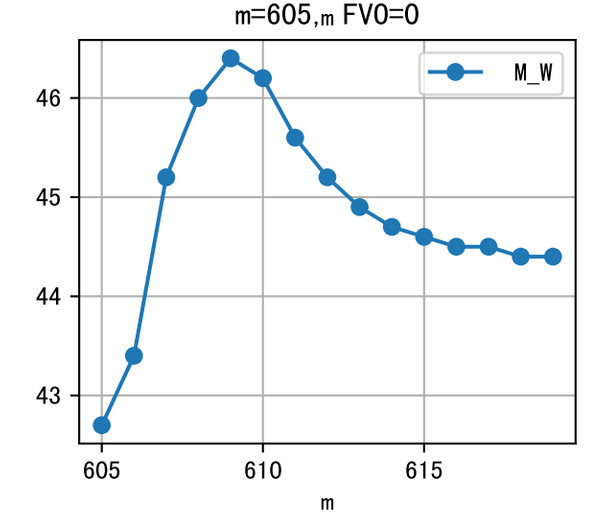

m=605, FV0=0
M_E
35.4
35.2
35.0
34.8
34.6
605
610
615

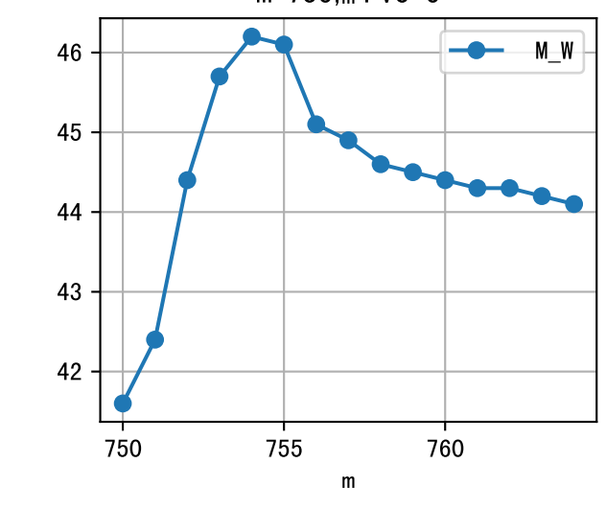

m=750, FV0=0
M_E
35.5
35.0
34.5
34.0
750
755
760

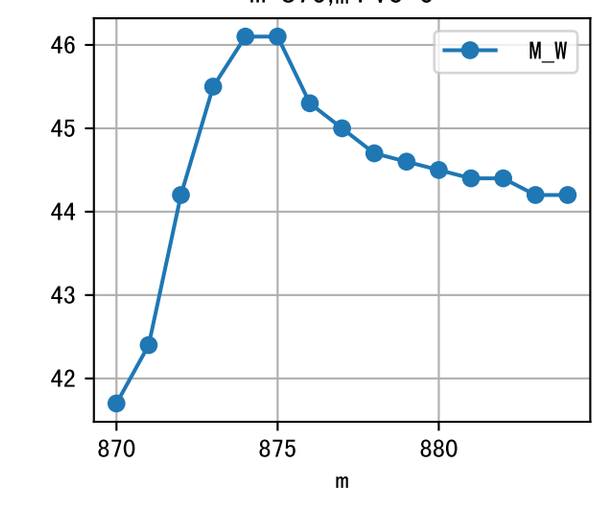

m=870,m FV0=0
M_E
35.75
35.50
35.25
35.00
34.75
34.50
34.25
870
875
880

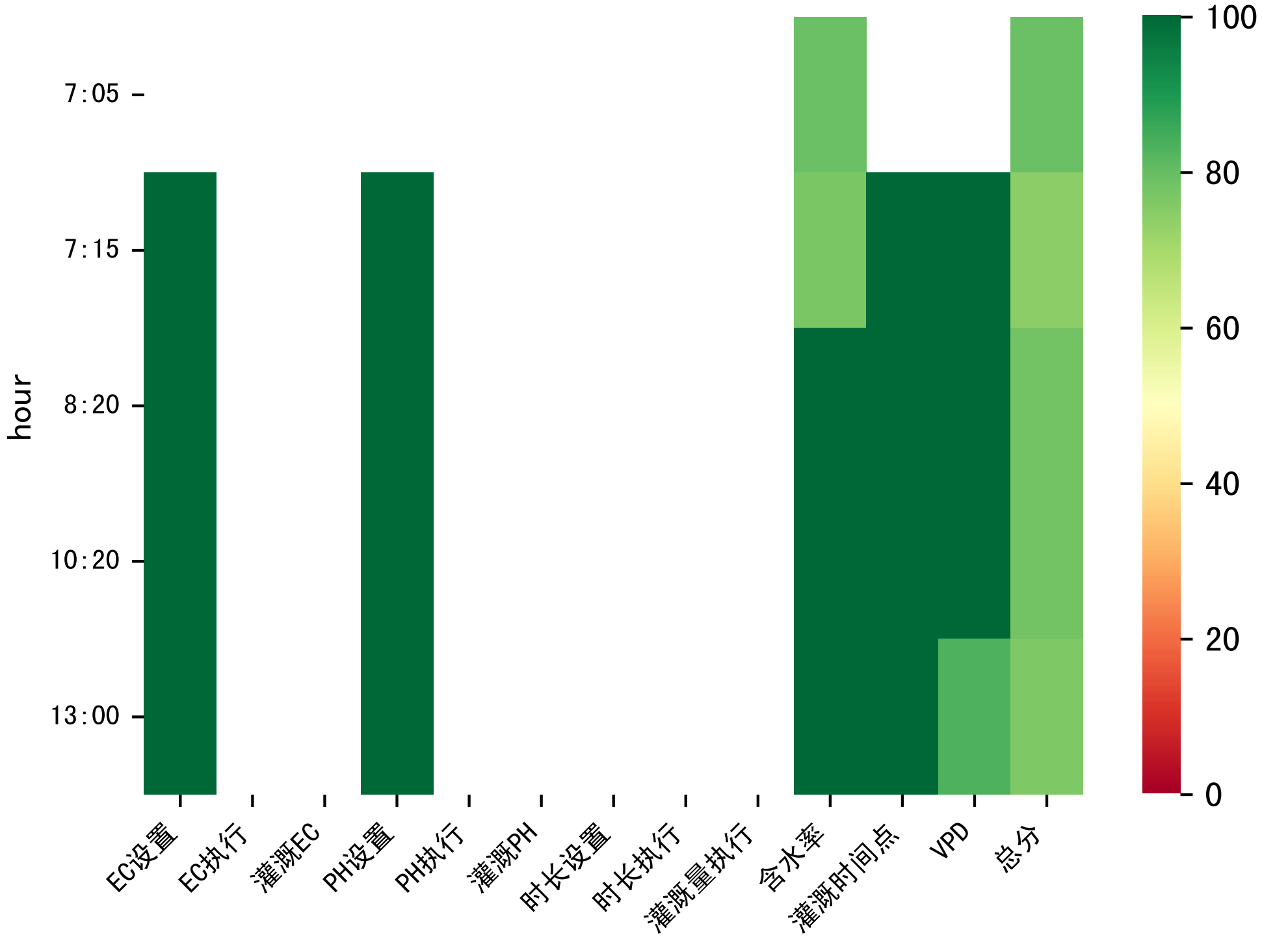

M_W
46
44
42
40
500
600
700
800
900


m=520,m FV0=0
M_W
46
44
42
40
520
525
530
m


m=605,m FV0=0
M_W
46
45
44
43
605
610
615
m

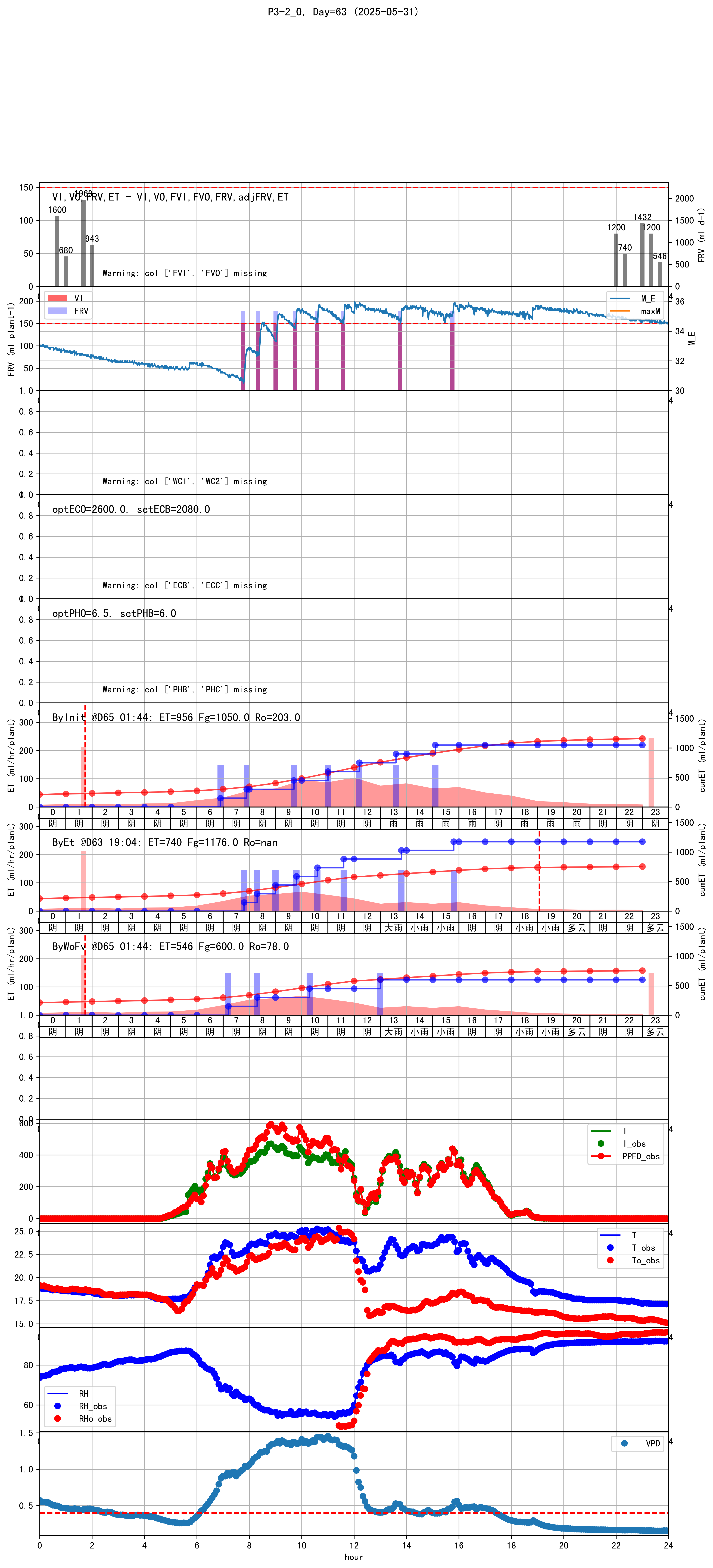

m=750,m FV0=0
M_W
46
45
44
43
42
750
755
760
m

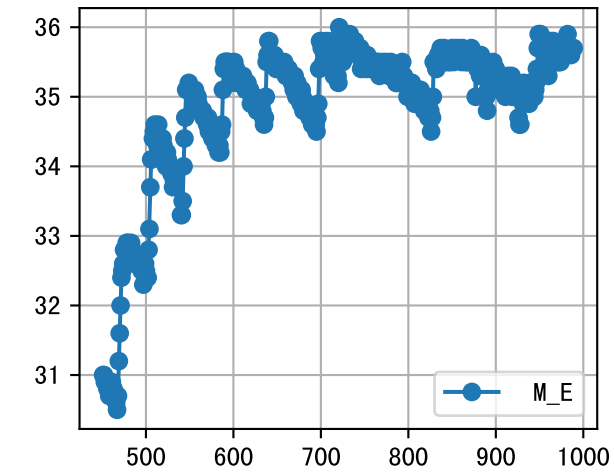

m=870,m FV0=0
M_W
46
45
44
43
42
870
875
880
m

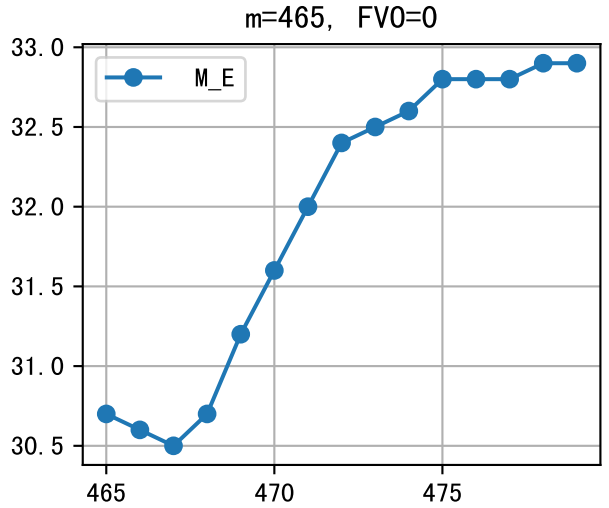

hour
7:05
7:15
8:20
10:20
13:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

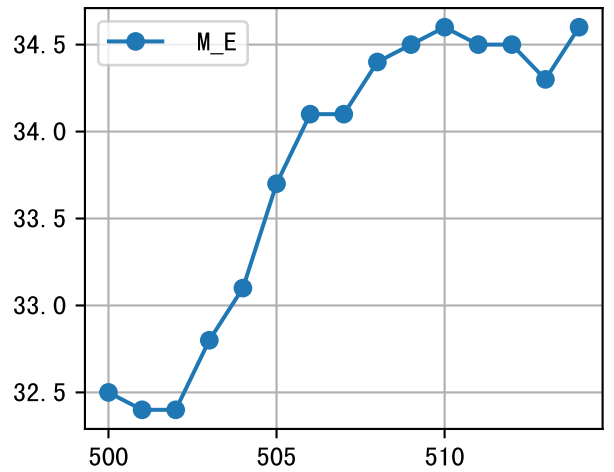
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	278	150.0	2.583	阴	假设@07:15 自动（未用传感器）
08:20	278	150.0	2.583	阴	假设@08:20 自动（未用传感器）
10:20	278	150.0	2.583	阴	假设@10:20 自动（未用传感器）
13:00	278	150.0	2.583	大雨	假设@13:00 自动（未用传感器）
总计	1112.0 (4次)	600.0			建议进液EC：2080.0， PH：6.0

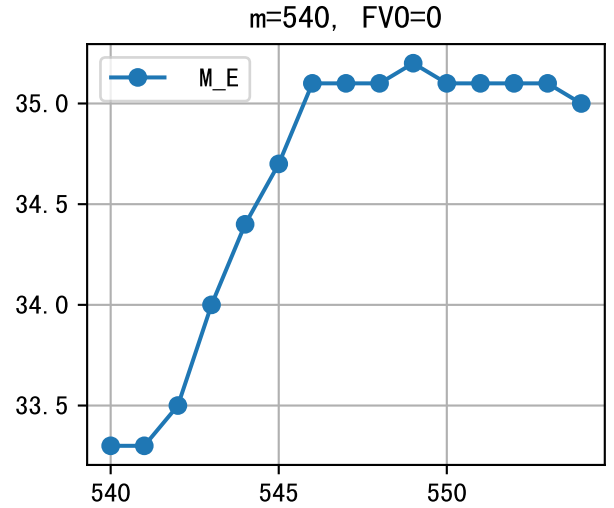
进回液EC差(2087.0 vs 3563.0)过高

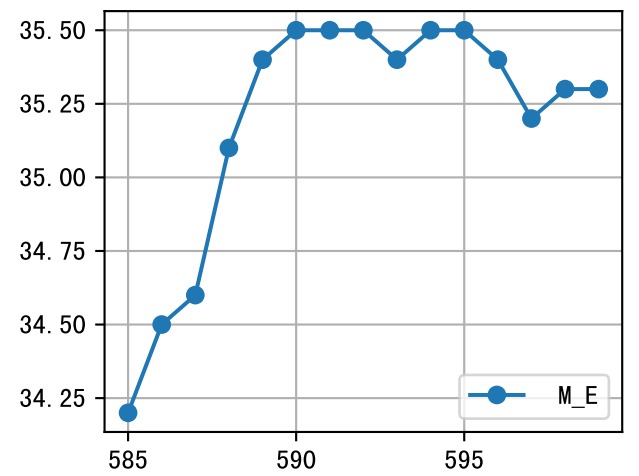

P3-2_0, Day=63 (2025-05-31)
VI, VO, FRV, ET - VI, VO, FVI, FVO, FRV, adjFRV, ET
1600
680
1969
943
1200
740
1432
1200
546
Warning: col ['FVI', 'FVO'] missing
FRV (ml d-1)
FRV (ml plant-1)
VI
FRV
M_E
maxM
Warning: col ['WC1', 'WC2'] missing
optECO=2600.0, setECB=2080.0
Warning: col ['ECB', 'ECC'] missing
optPHO=6.5, setPHB=6.0
Warning: col ['PHB', 'PHC'] missing
ByInit @D65 01:44: ET=956 Fg=1050.0 Ro=203.0
ByEt @D63 19:04: ET=740 Fg=1176.0 Ro=nan
ByWoFv @D65 01:44: ET=546 Fg=600.0 Ro=78.0
ET (ml/hr/plant)
cumET (ml/plant)
I
I_obs
PPFD_obs
T
T_obs
To_obs
RH
RH_obs
RHo_obs
VPD
hour

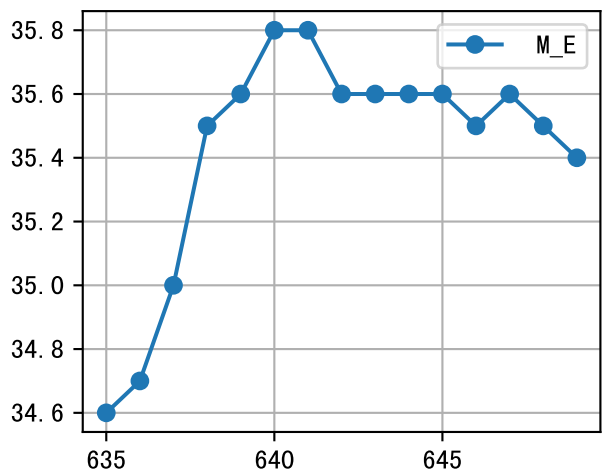

M_E

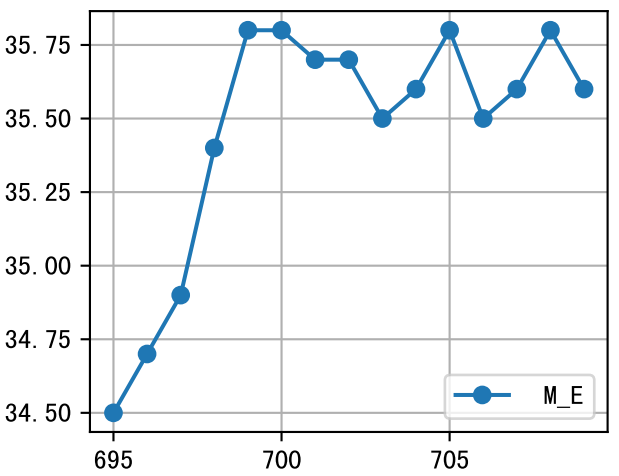

m=465, FV0=0
M_E

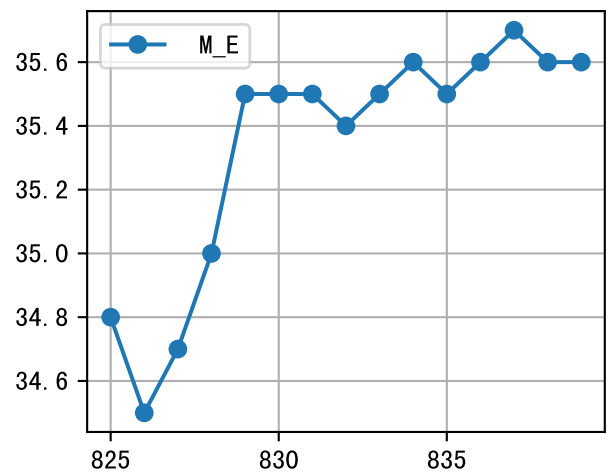

m=500, FV0=0
M_E

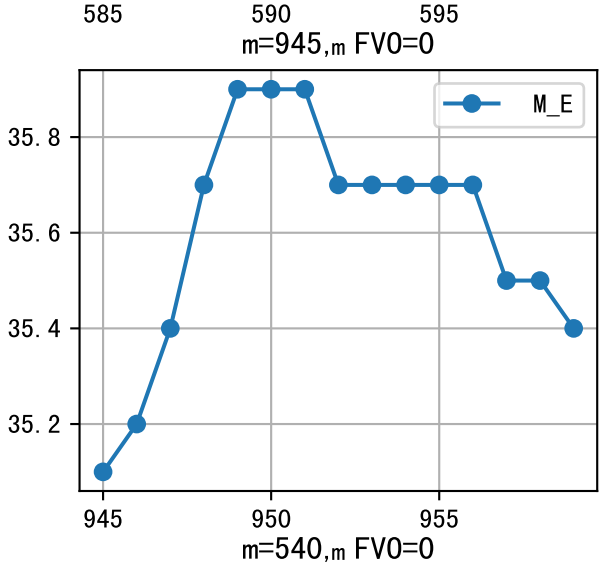

m=540, FV0=0
M_E

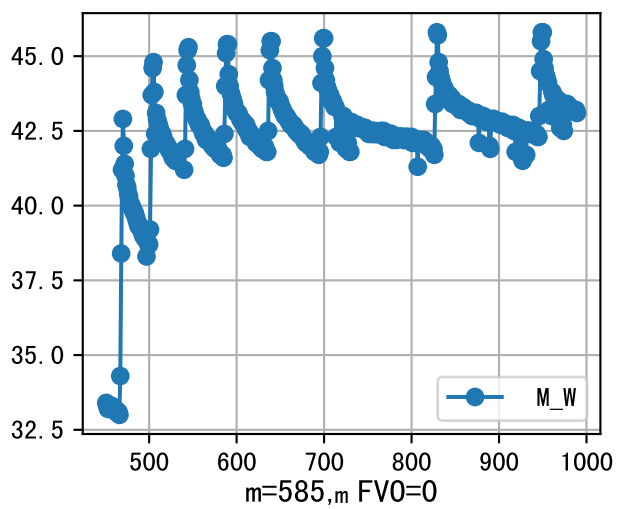

m=585,m FV0=0
M_E

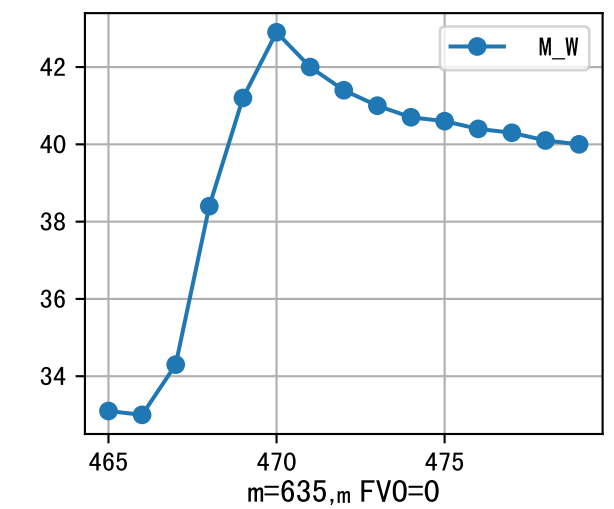

m=635,m FV0=0
M_E
m

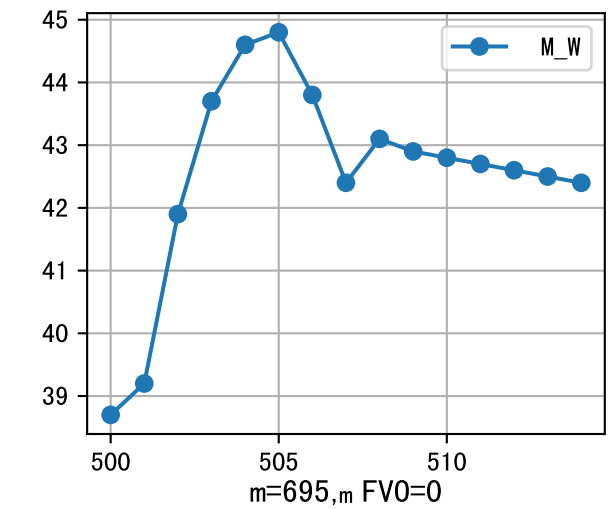

m=695,m FV0=0
M_E
m=465,m FV0=0


m=825,m FV0=0
M_E
m=500,m FV0=0

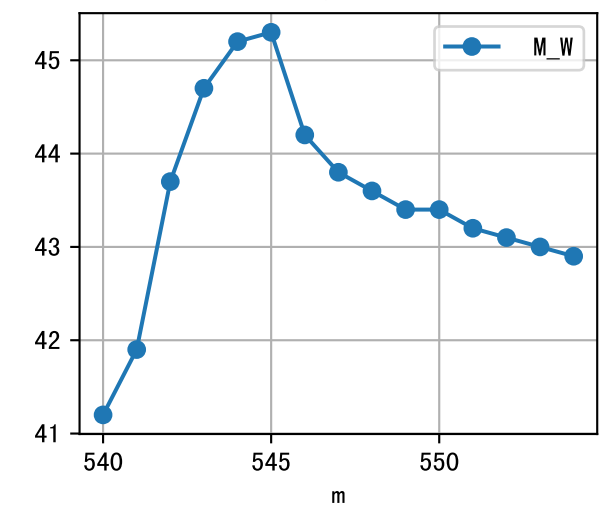

M_E
m=945,m FV0=0

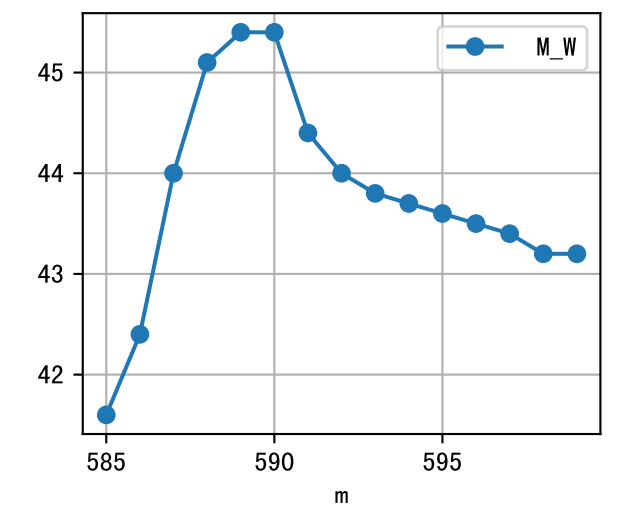

M_W
m=540,m FV0=0

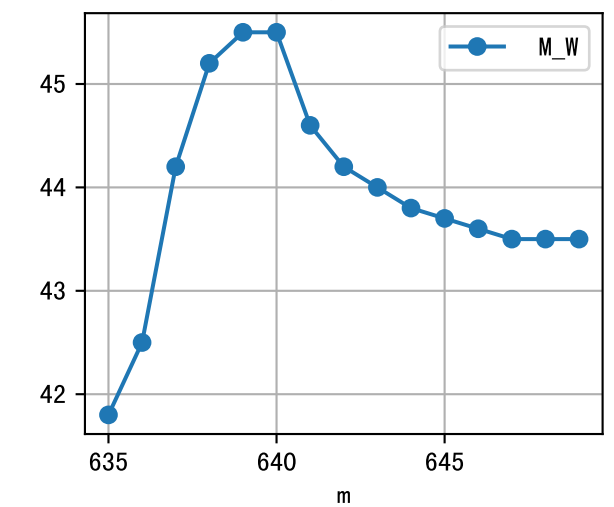

M_W
m=585,m FV0=0

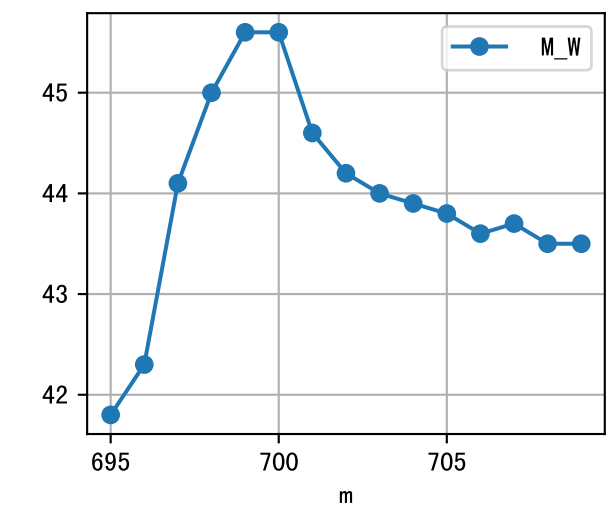

M_W
m=635,m FV0=0

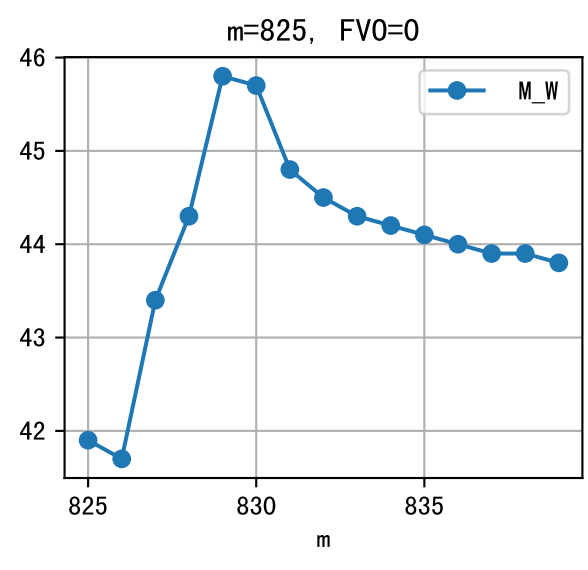
M_W
m=695,m FV0=0

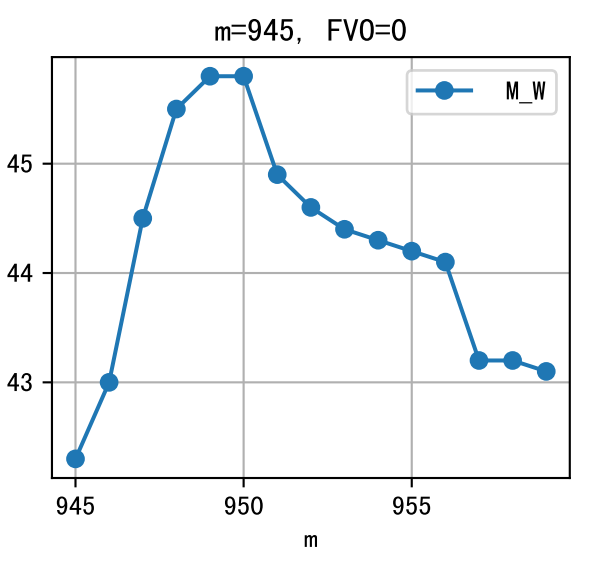

M_W
m

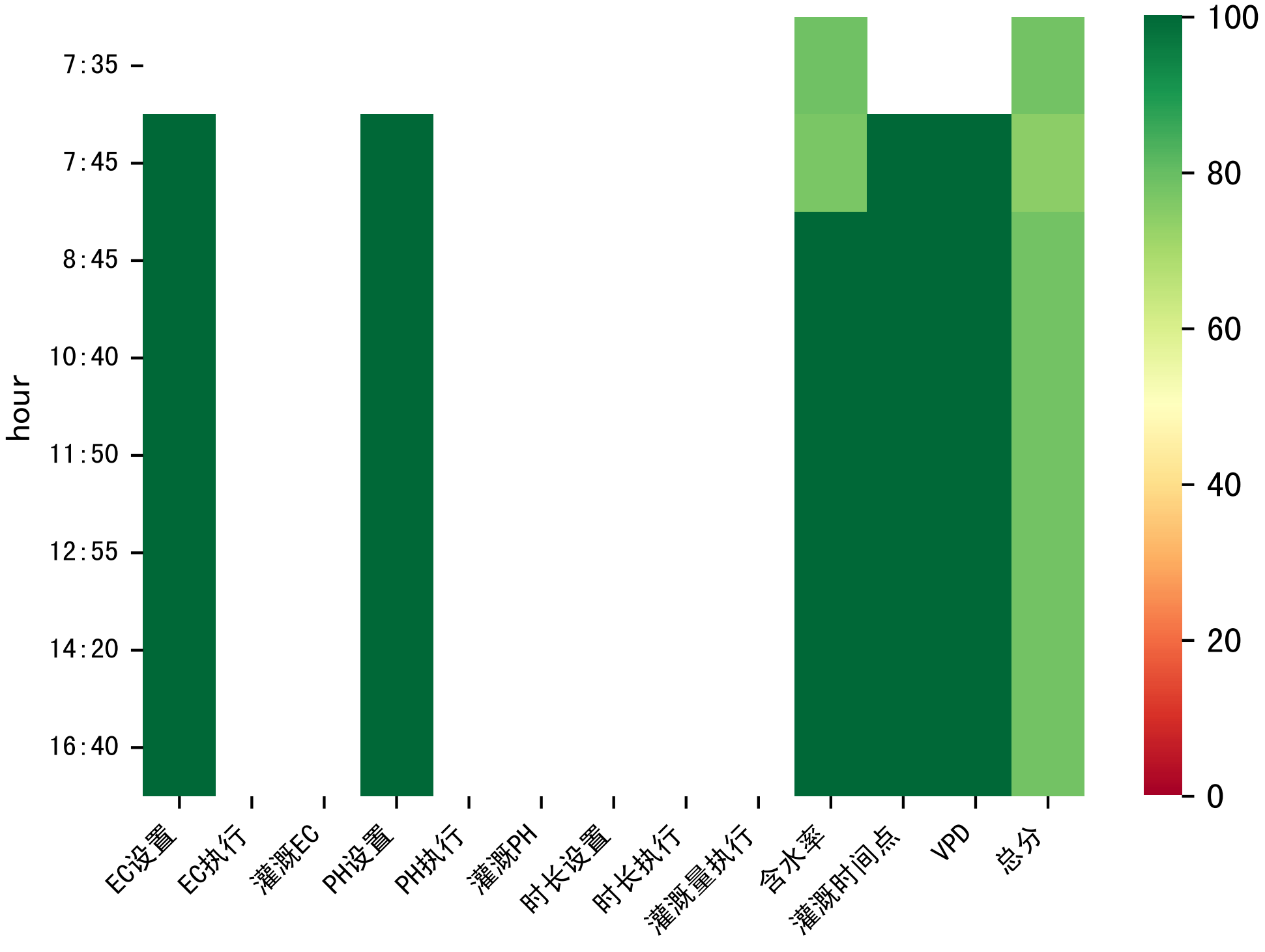

M_W
m


M_W
m


M_W
m


m=825， FV0=0
M_W
46
45
44
43
42
825
830
835
m

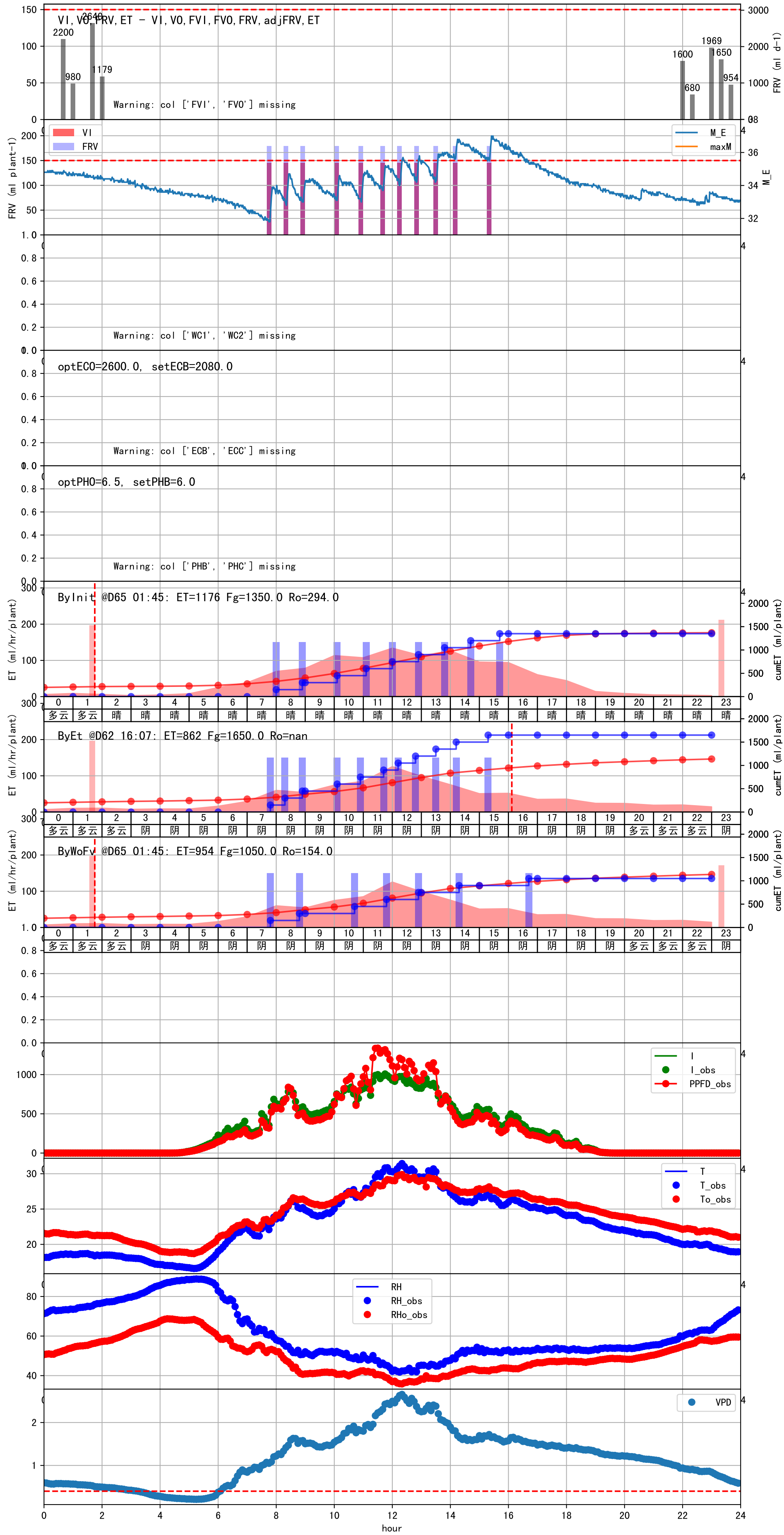

m=945， FV0=0
M_W
45
44
43
945
950
955
m

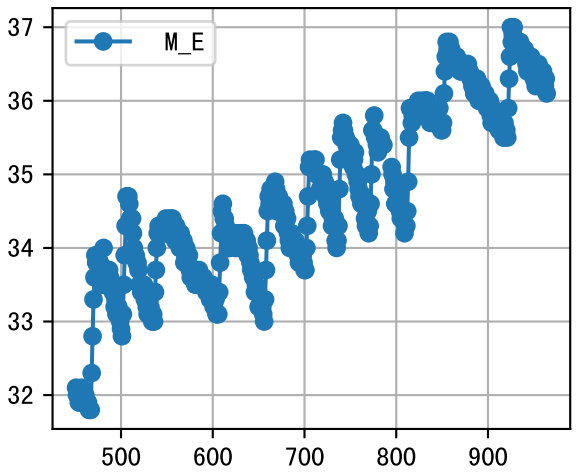

hour
7:35
7:45
8:45
10:40
11:50
12:55
14:20
16:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

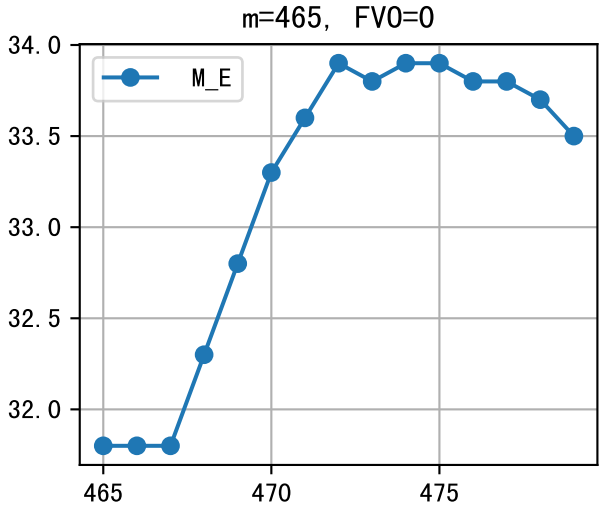
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:45	278	150.0	2.583	阴	假设@07:45 自动（未用传感器）
08:45	278	150.0	2.583	阴	假设@08:45 自动（未用传感器）
10:40	278	150.0	2.583	阴	假设@10:40 自动（未用传感器）
11:50	278	150.0	2.583	阴	假设@11:50 自动（未用传感器）
12:55	278	150.0	2.583	阴	假设@12:55 自动（未用传感器）
14:20	278	150.0	2.583	阴	假设@14:20 自动（未用传感器）
16:40	278	150.0	2.583	阴	假设@16:40 自动（未用传感器）
总计	1946.0 (7次)	1050.0			建议进液EC：2080.0， PH：6.0

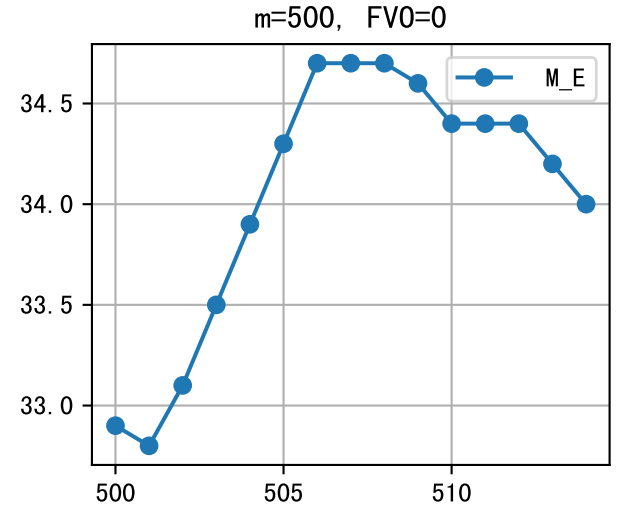
进回液EC差(2220.0 vs 3673.0)过高

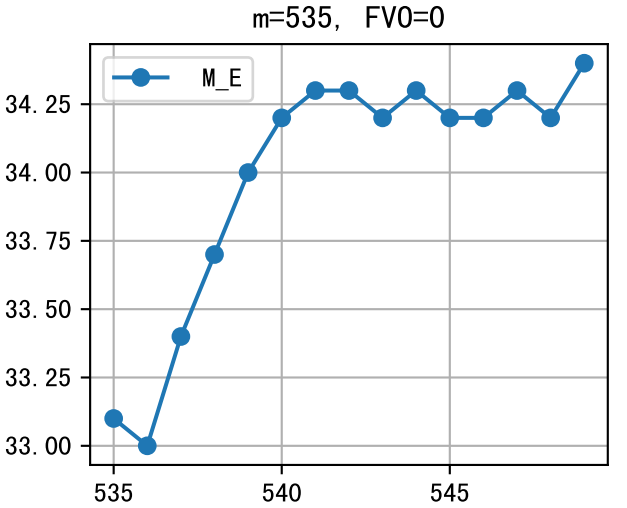
P3-2_0, Day=62 (2025-05-30)

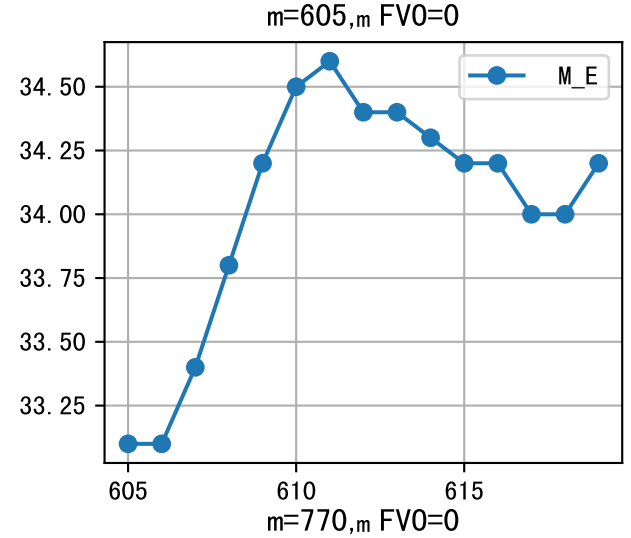


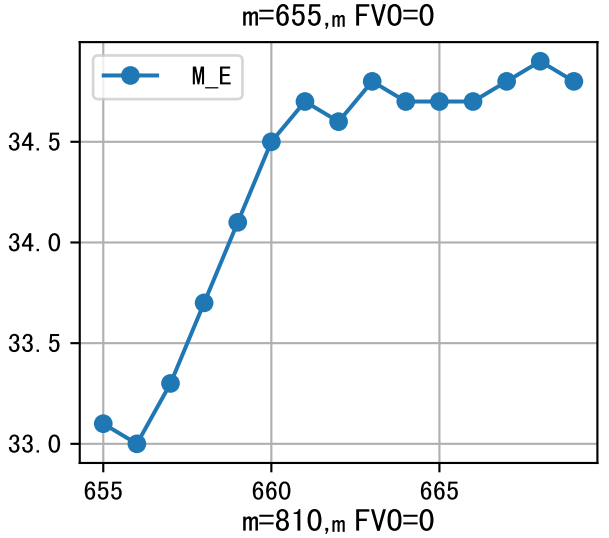

M_E

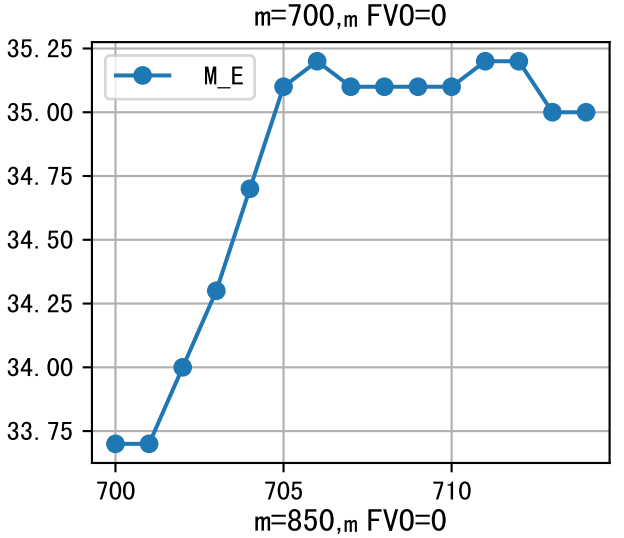

m=465, FV0=0
M_E

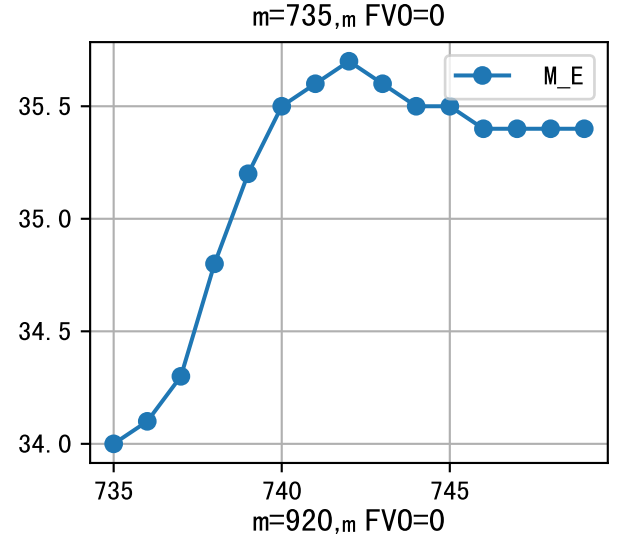

m=500, FV0=0
M_E

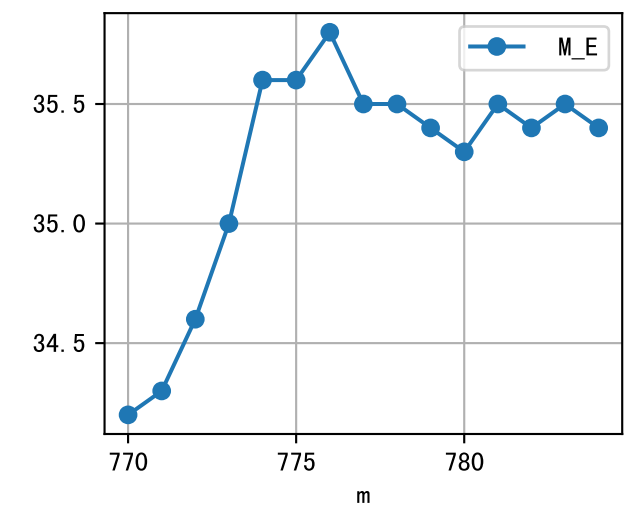

m=535, FV0=0
M_E

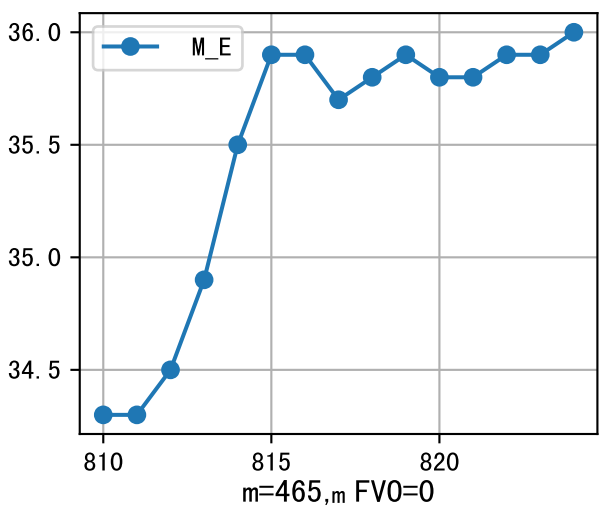

m=605,m FV0=0
M_E


m=655,m FV0=0
M_E


m=700,m FV0=0
M_E


m=735,m FV0=0
M_E


M_E
m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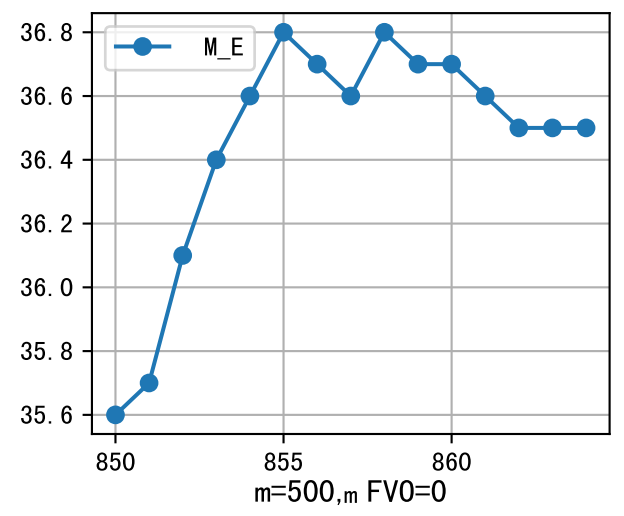
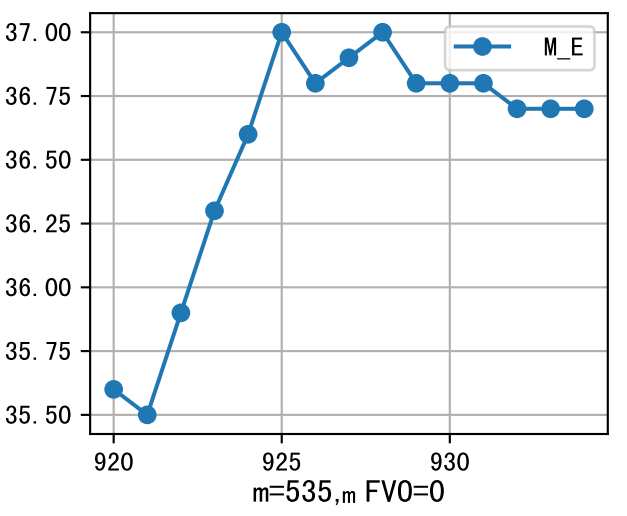
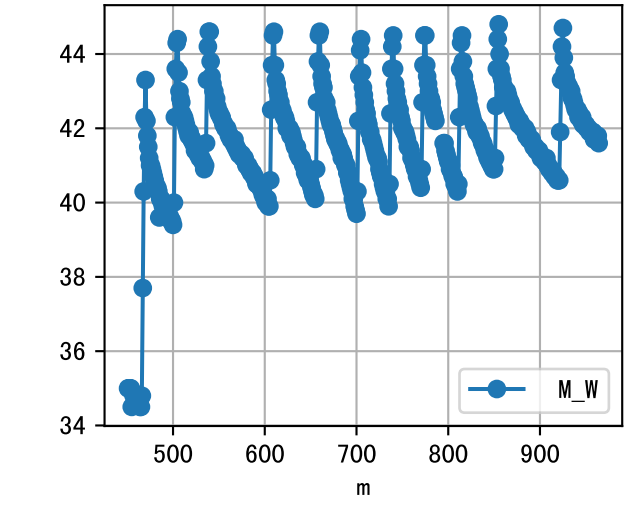
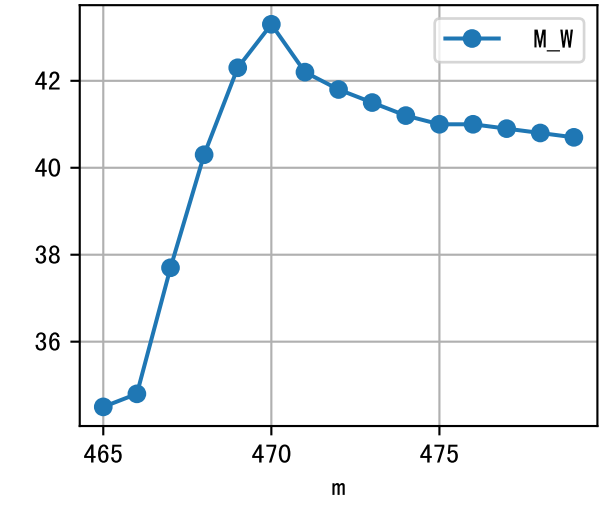

M_E


M_E


M_W
m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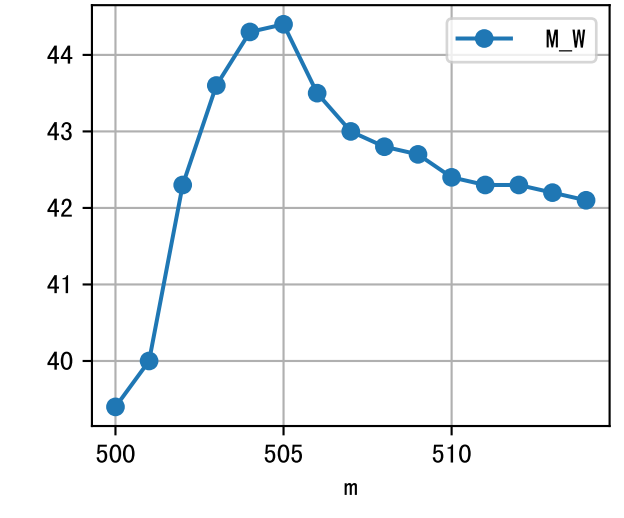
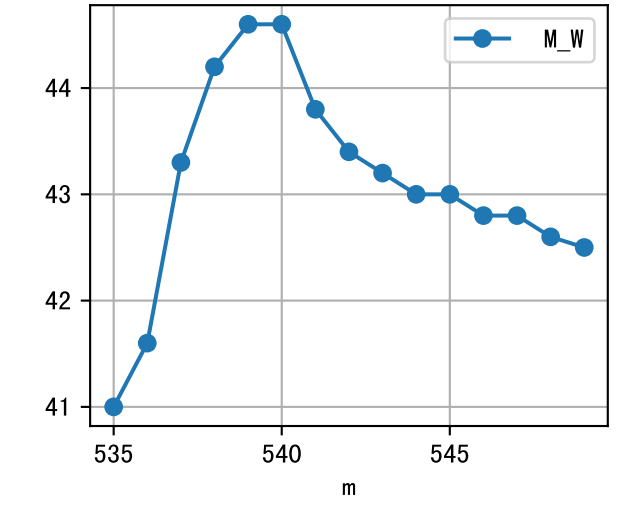
M_W
m


m=500,m FV0=0
M_W
m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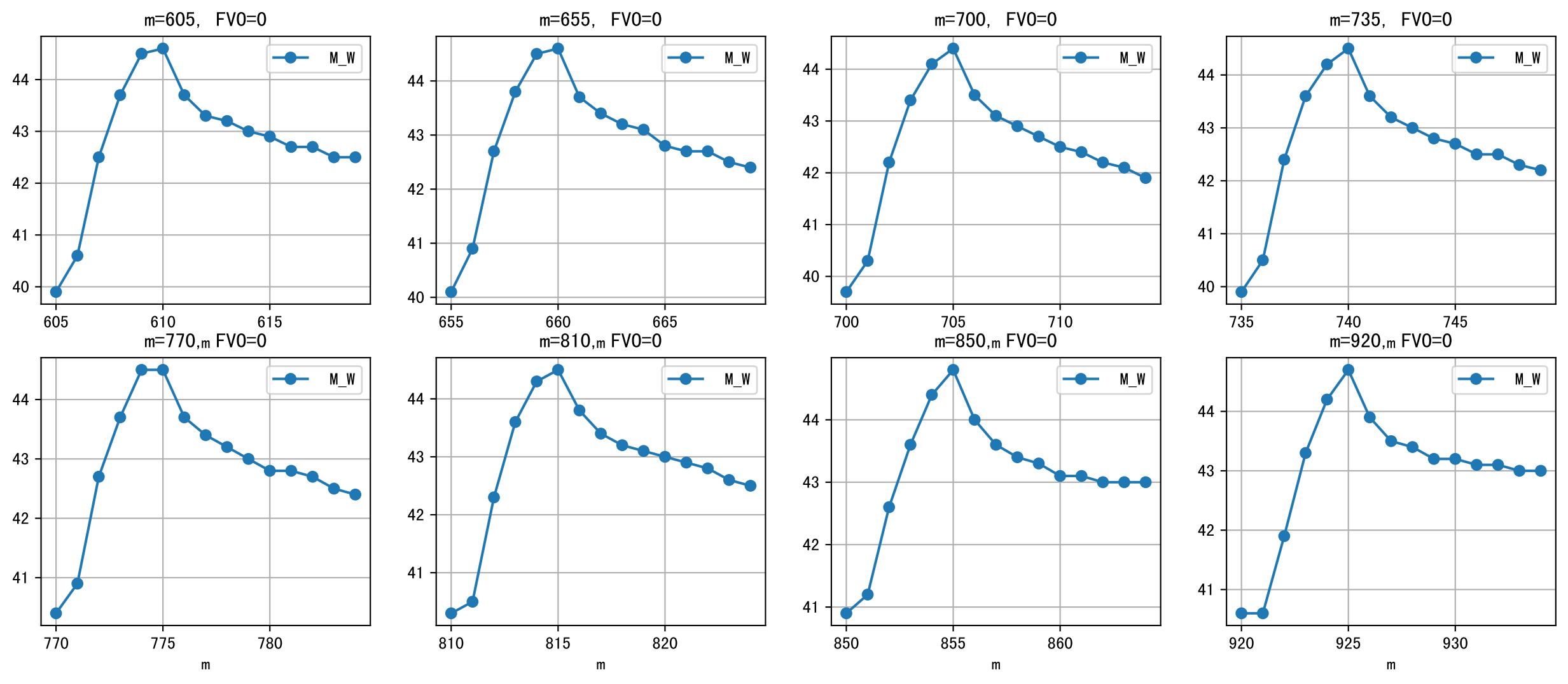
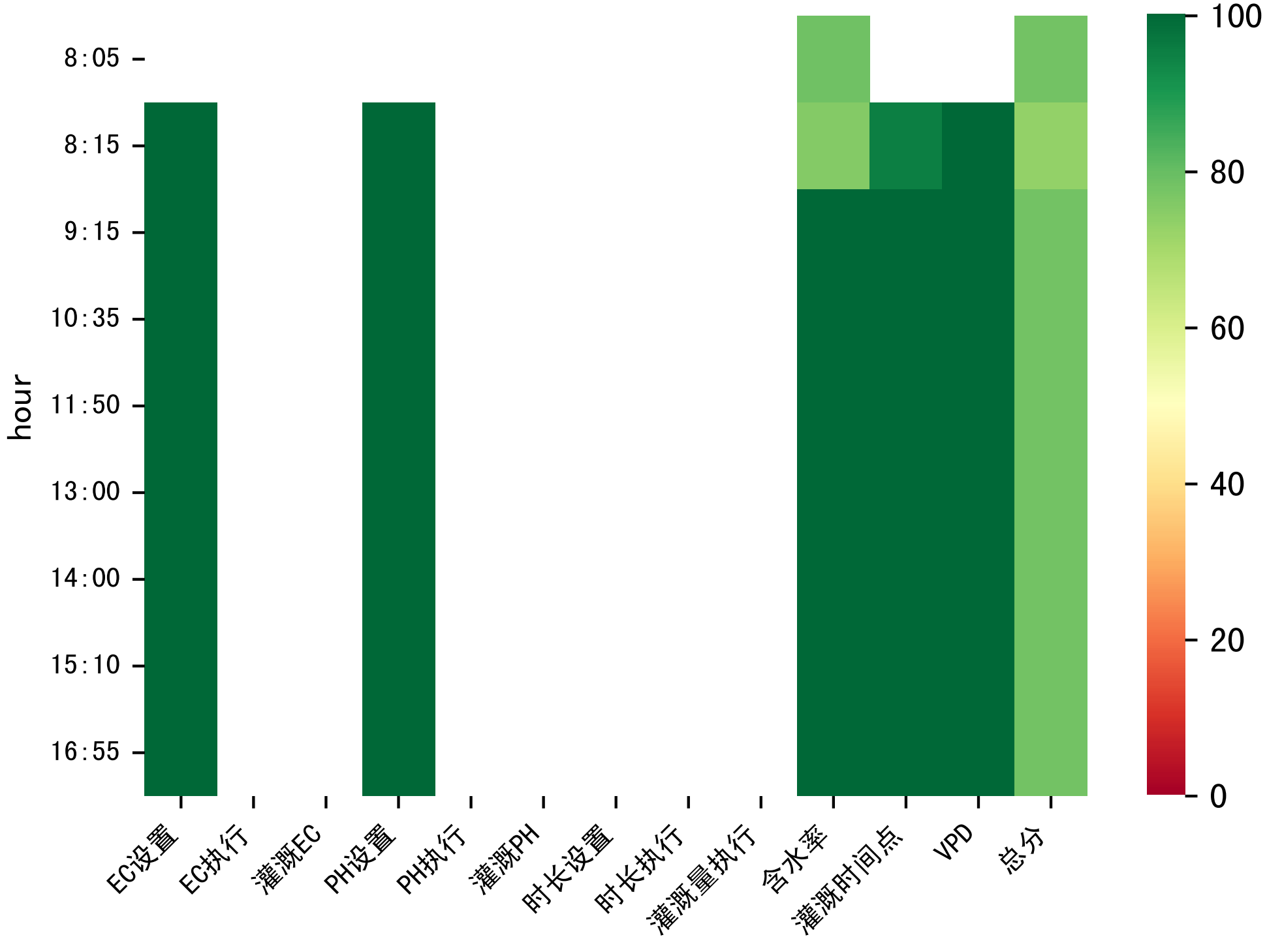
M_W
m

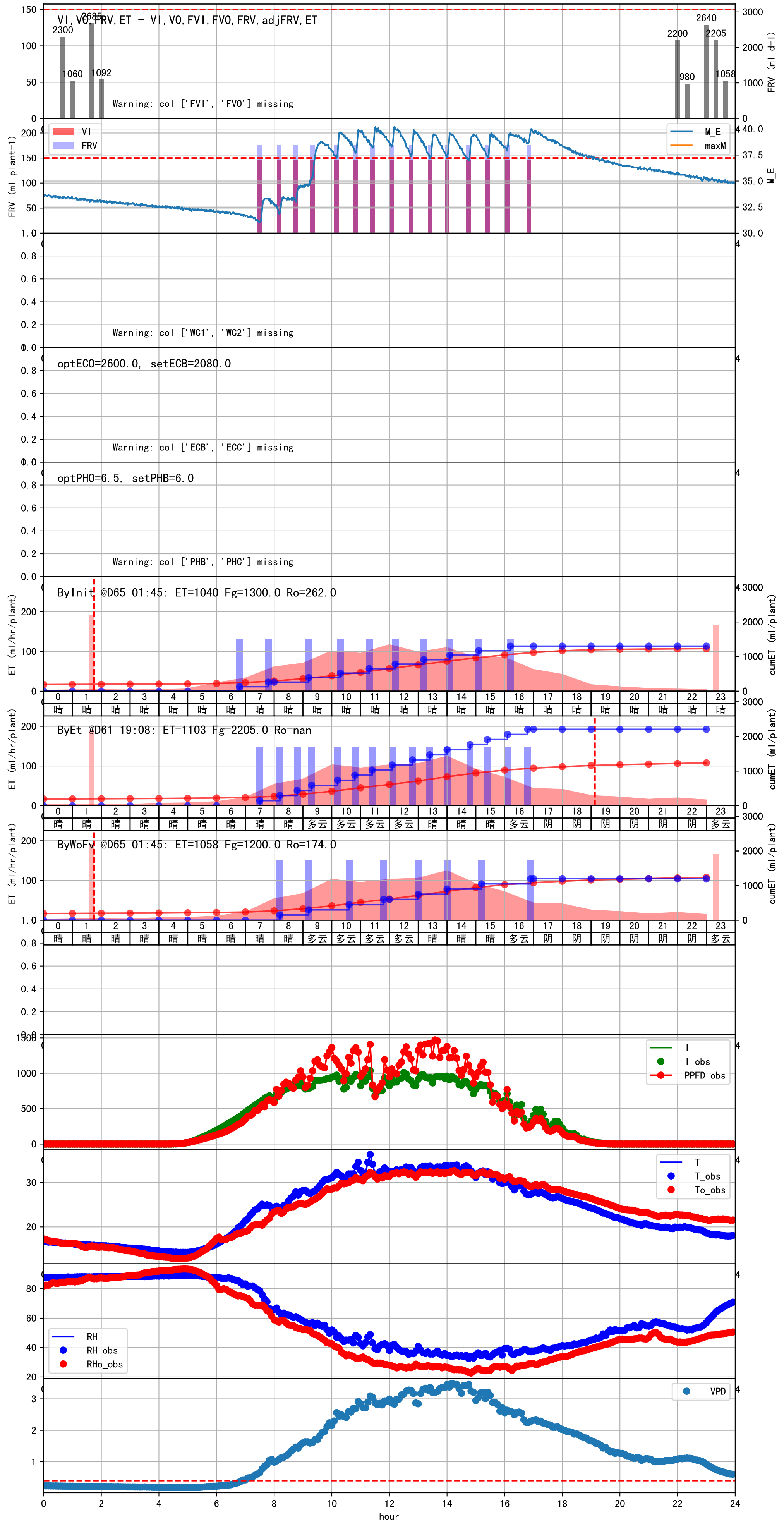

m=605, FV0=0
m=655, FV0=0
m=700, FV0=0
m=735, FV0=0
m=770,m FV0=0
m=810,m FV0=0
m=850,m FV0=0
m=920,m FV0=0
M_W
m

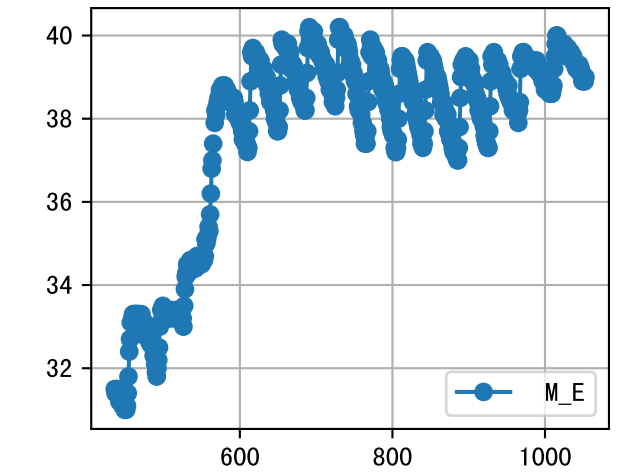

hour
8:05
8:15
9:15
10:35
11:50
13:00
14:00
15:10
16:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

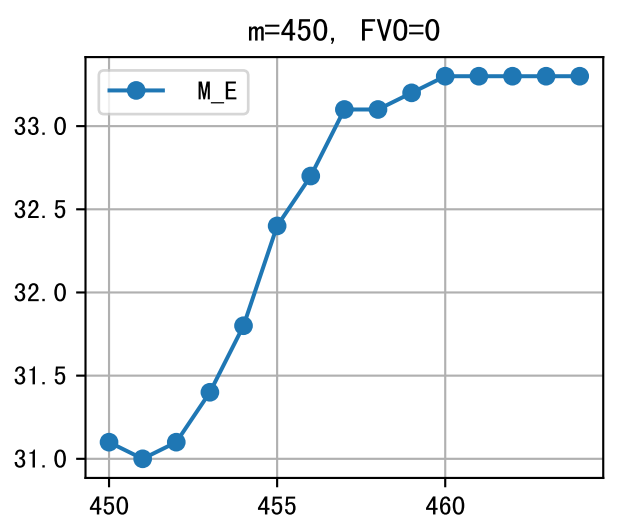
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:15	273	150.0	2.583	晴	假设@08:15 自动（未用传感器）
09:15	273	150.0	2.583	多云	假设@09:15 自动（未用传感器）
10:35	273	150.0	2.583	多云	假设@10:35 自动（未用传感器）
11:50	273	150.0	2.583	多云	假设@11:50 自动（未用传感器）
13:00	273	150.0	2.583	晴	假设@13:00 自动（未用传感器）
14:00	273	150.0	2.583	晴	假设@14:00 自动（未用传感器）
15:10	273	150.0	2.583	晴	假设@15:10 自动（未用传感器）
16:55	273	150.0	2.583	多云	执行中@16:55 自动（未用传感器）
总计	2184.0 (8次)	1200.0			建议进液EC：2080.0， PH：6.0

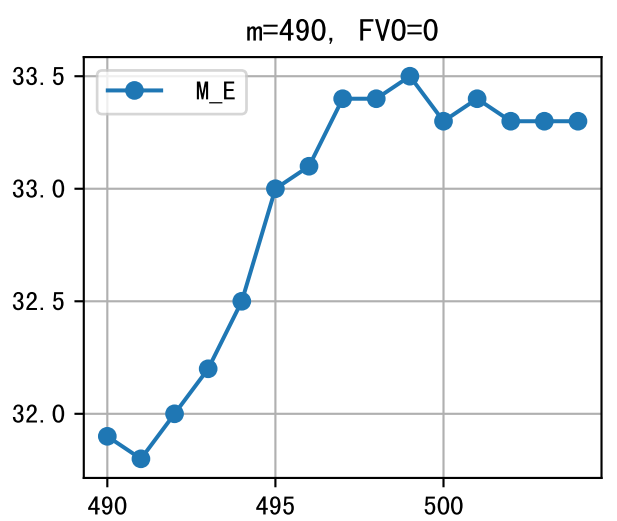
进回液EC差(2323.0 vs 3753.0)过高

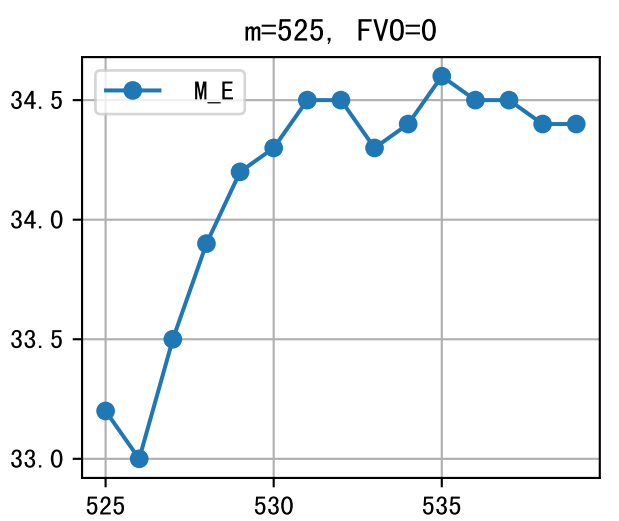
P3-2_0, Day=61 (2025-05-29)

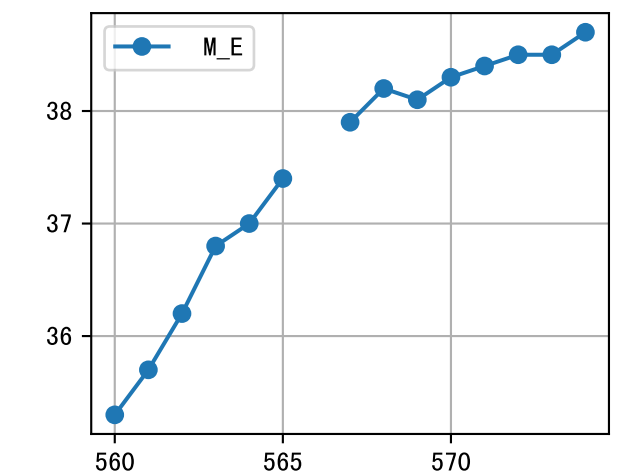


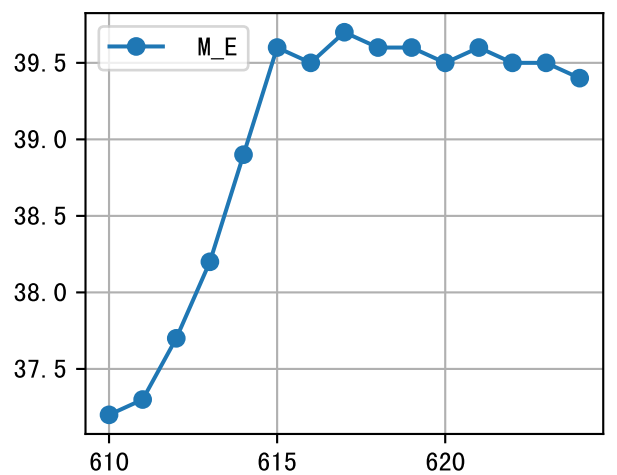

M_E

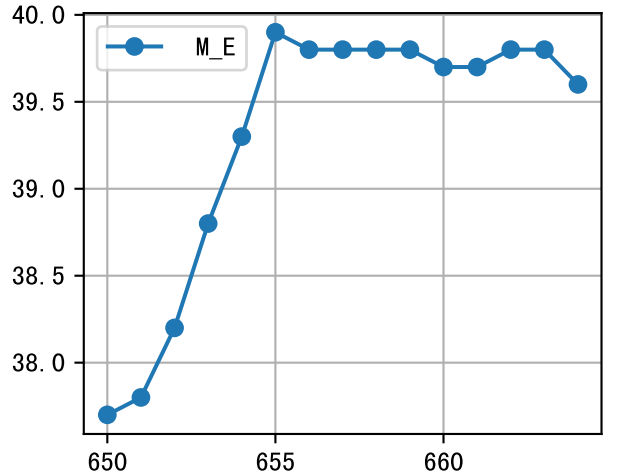

m=450, FV0=0
M_E

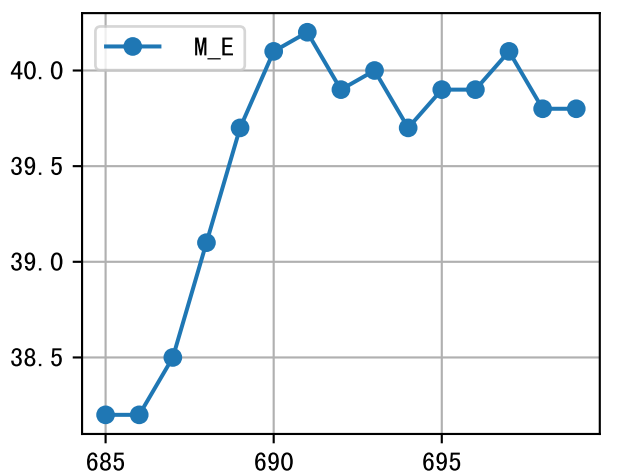

m=490, FV0=0
M_E

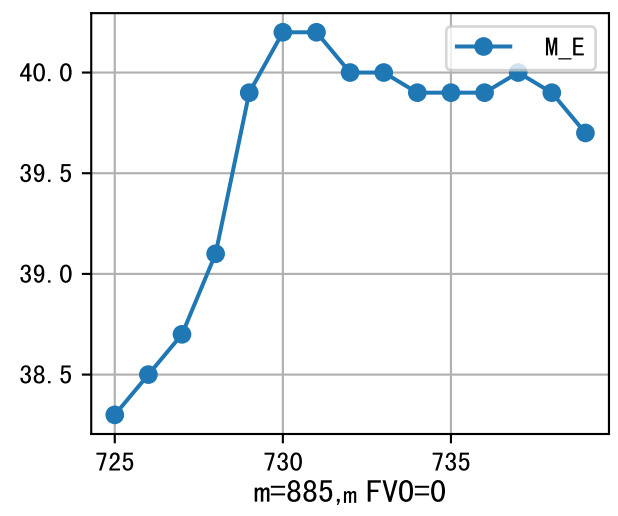

m=525, FV0=0
M_E

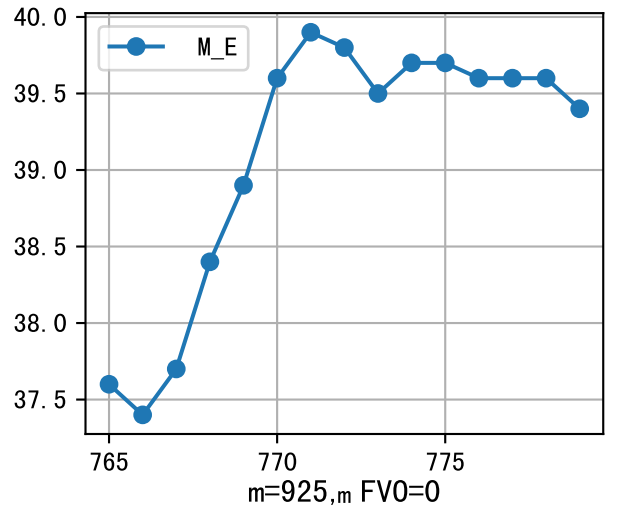

m=560,m FV0=0
M_E
m=725,m FV0=0

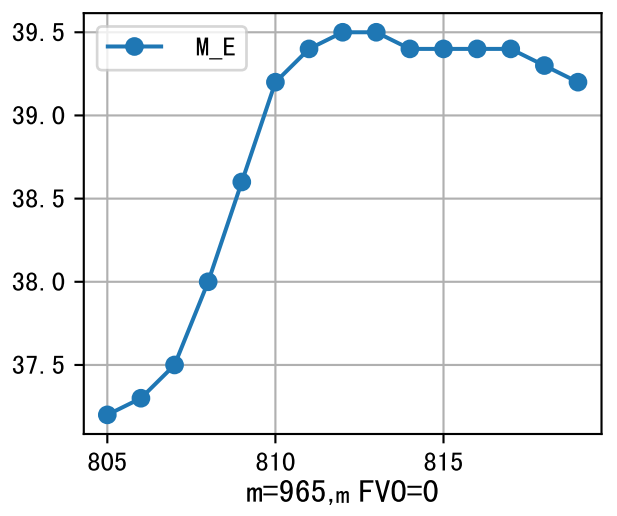

m=610,m FV0=0
M_E
m=765,m FV0=0

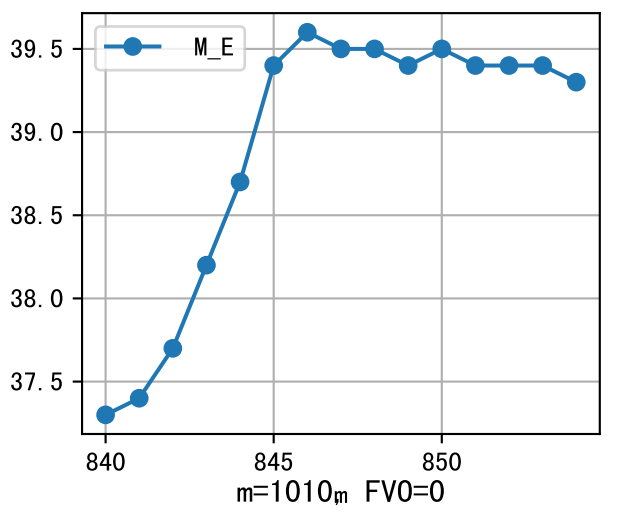

m=650,m FV0=0
M_E
m=805,m FV0=0

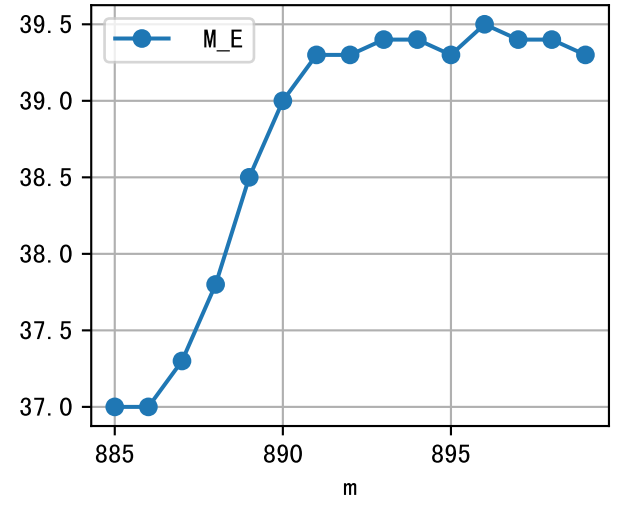

m=685,m FV0=0
M_E
m=840,m FV0=0

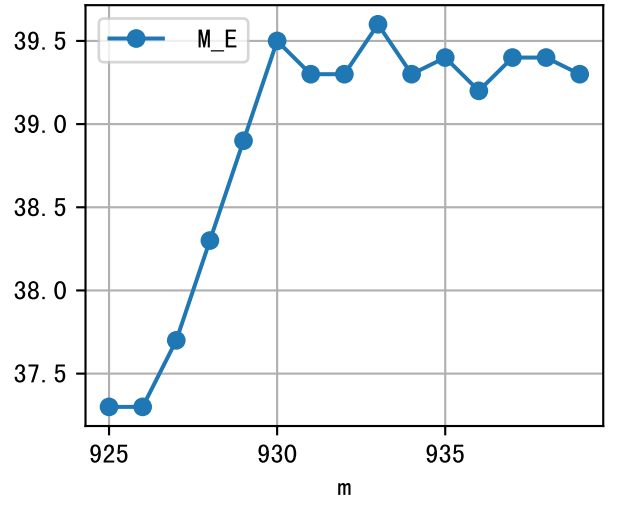

M_E
m=885,m FV0=0

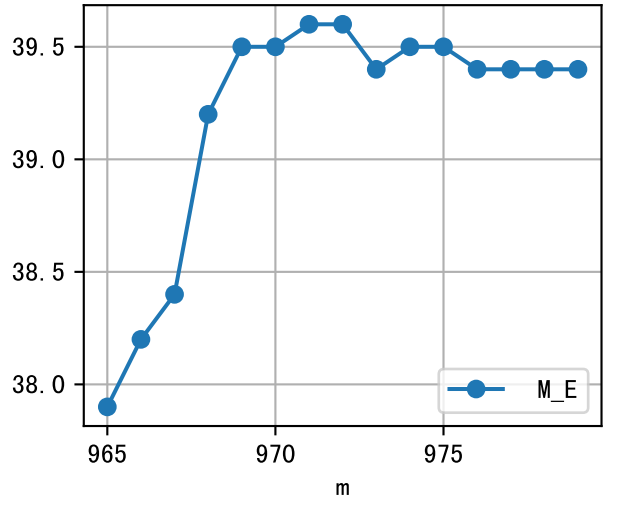

M_E
m=925,m FV0=0

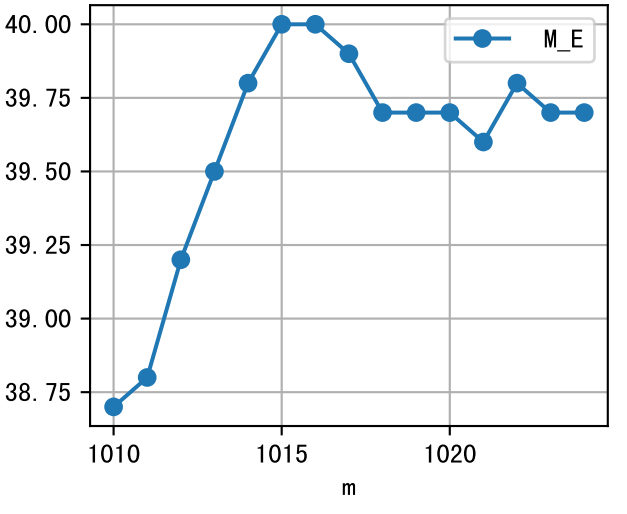

M_E
m=965,m FV0=0


M_E
m=1010m FV0=0

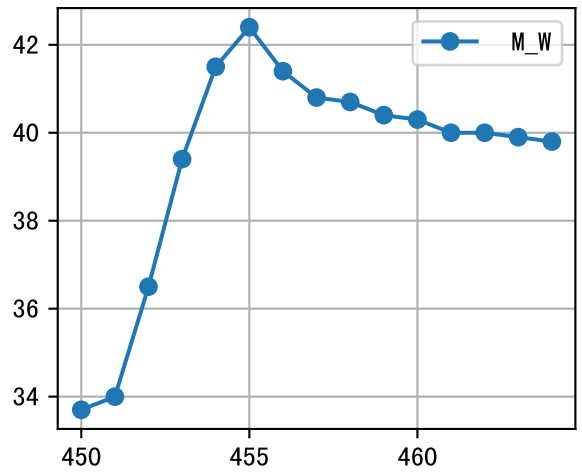

M_E
m


M_E
m

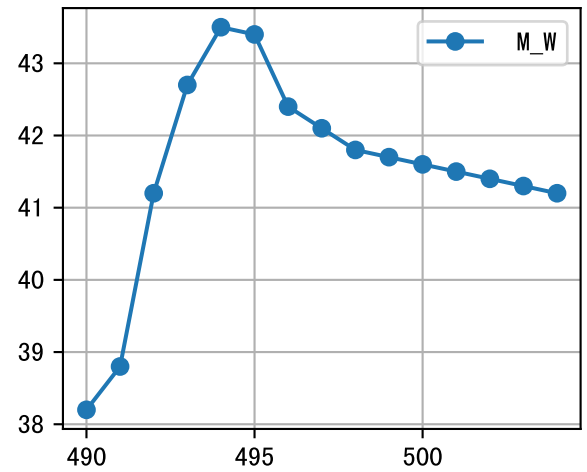

M_E
m


M_E
m

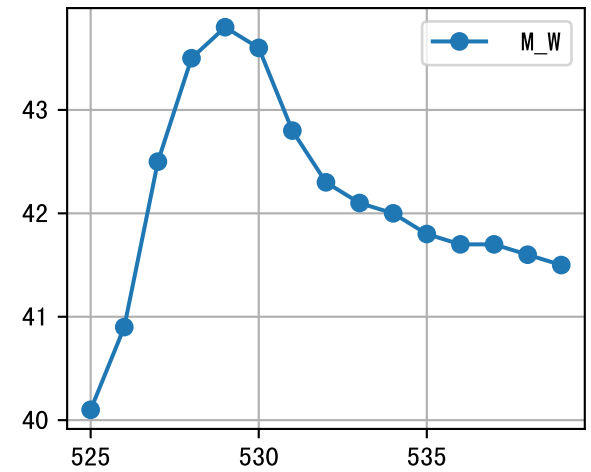
m=450, FV0=0

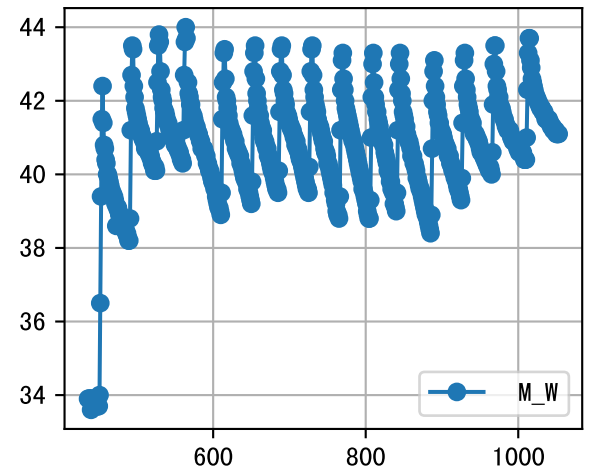


m=490, FV0=0

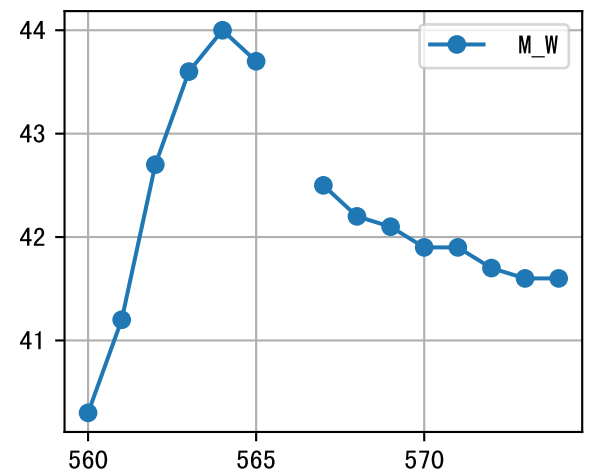


m=525, FV0=0

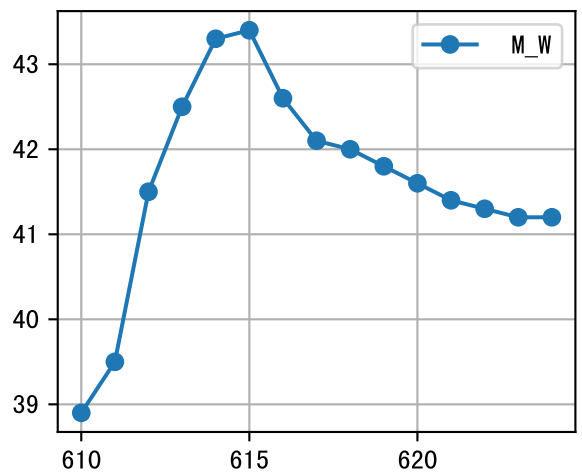




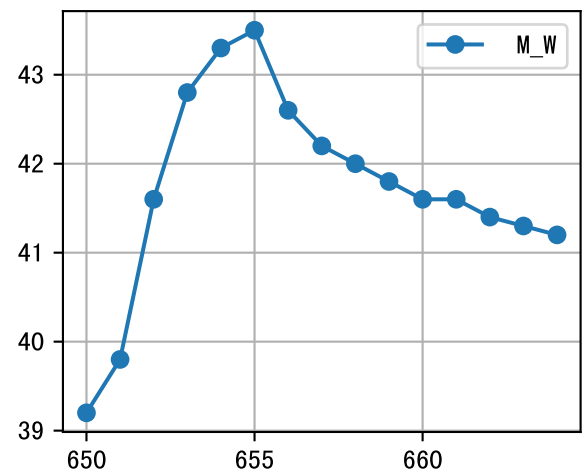
m=560,m FV0=0



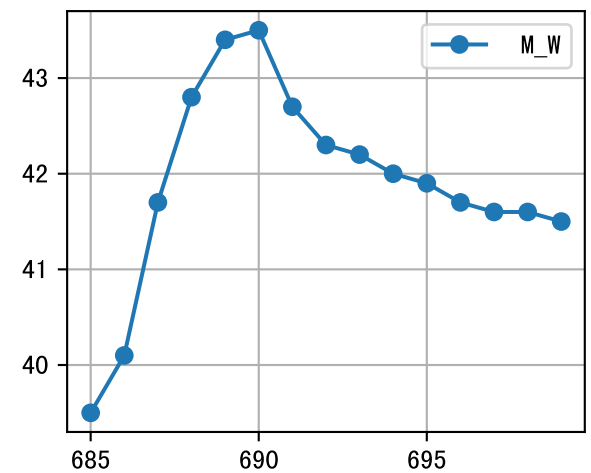
m=610,m FV0=0



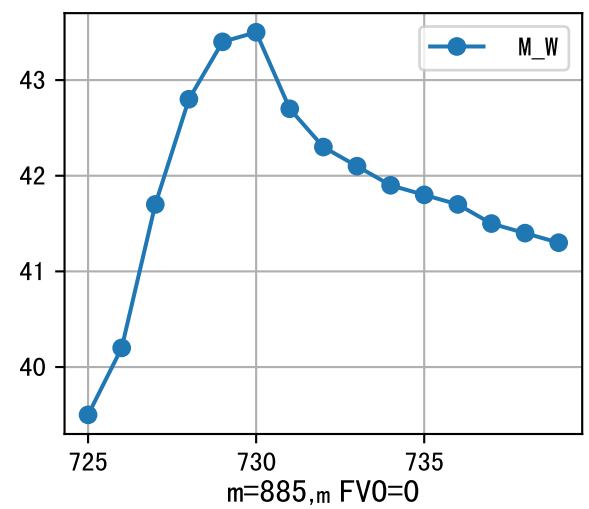
m=650,m FV0=0



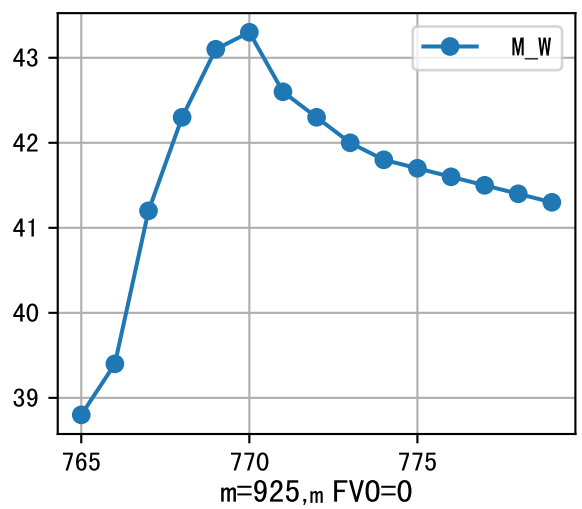
m=685,m FV0=0



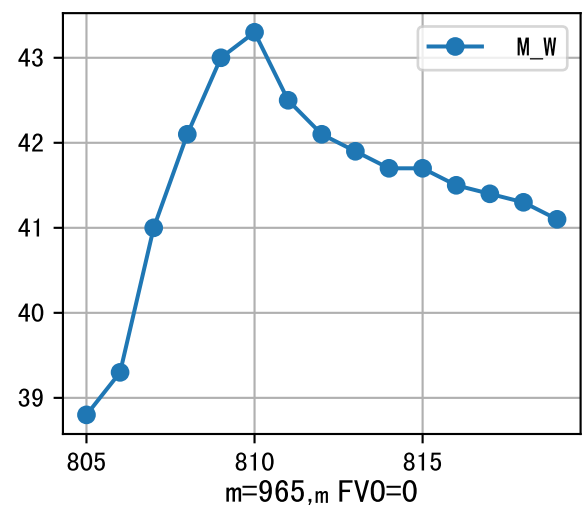
m=725,m FV0=0



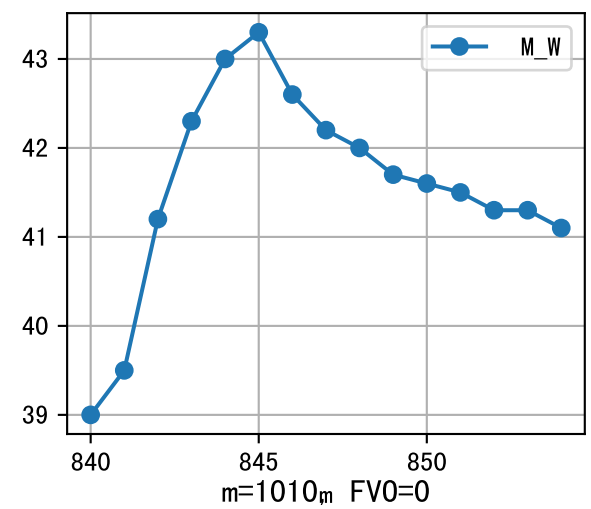
m=765,m FV0=0



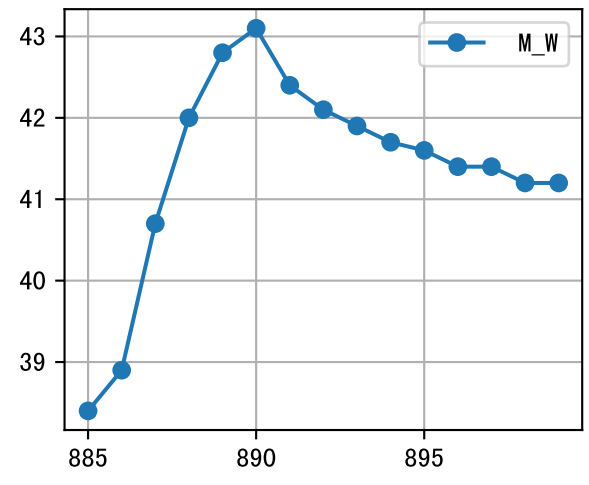
m=805,m FV0=0



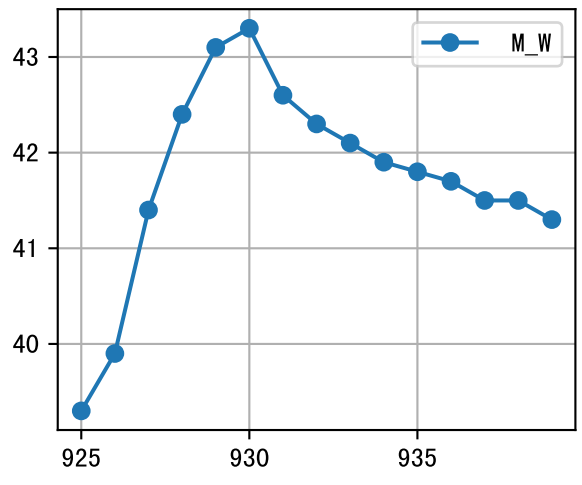
m=840,m FV0=0



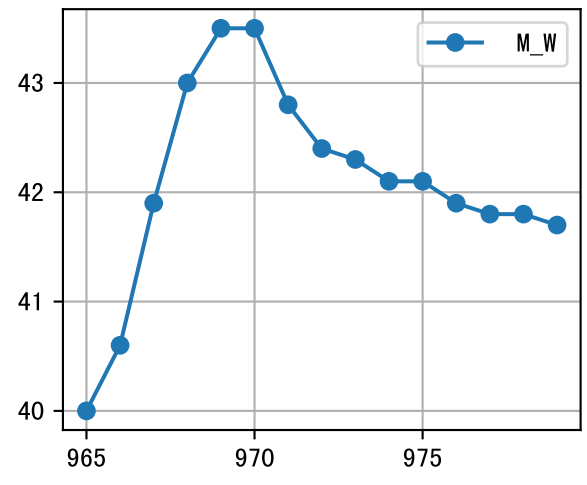
m=885,m FV0=0



m=925,m FV0=0



m=965,m FV0=0



m=1010m FV0=0