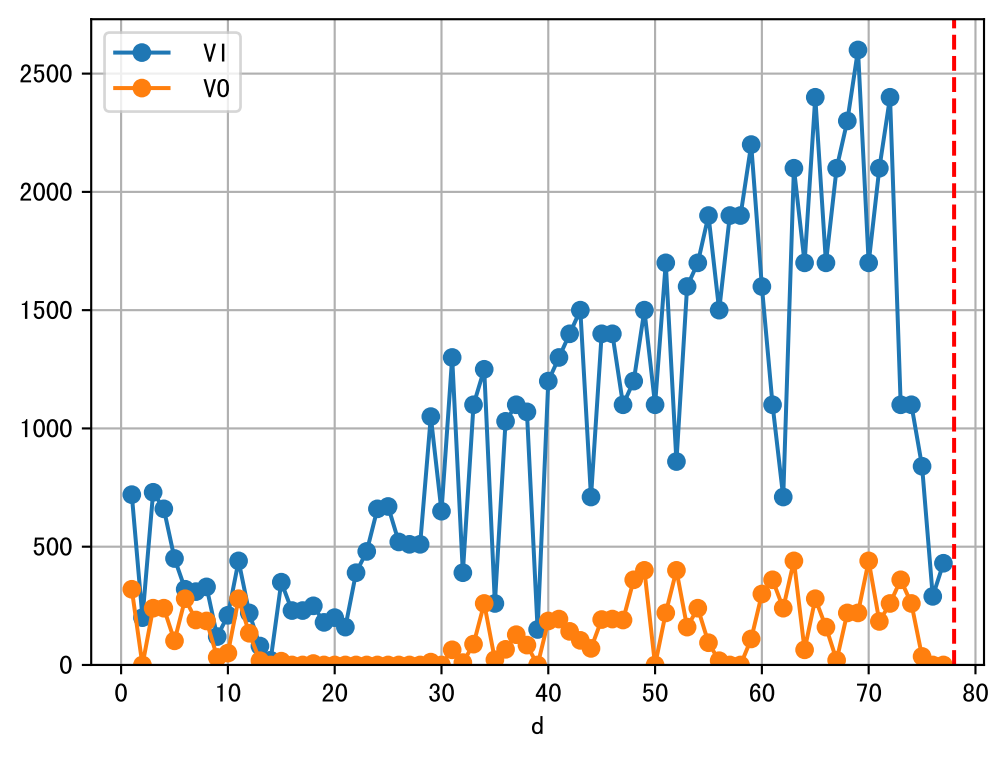
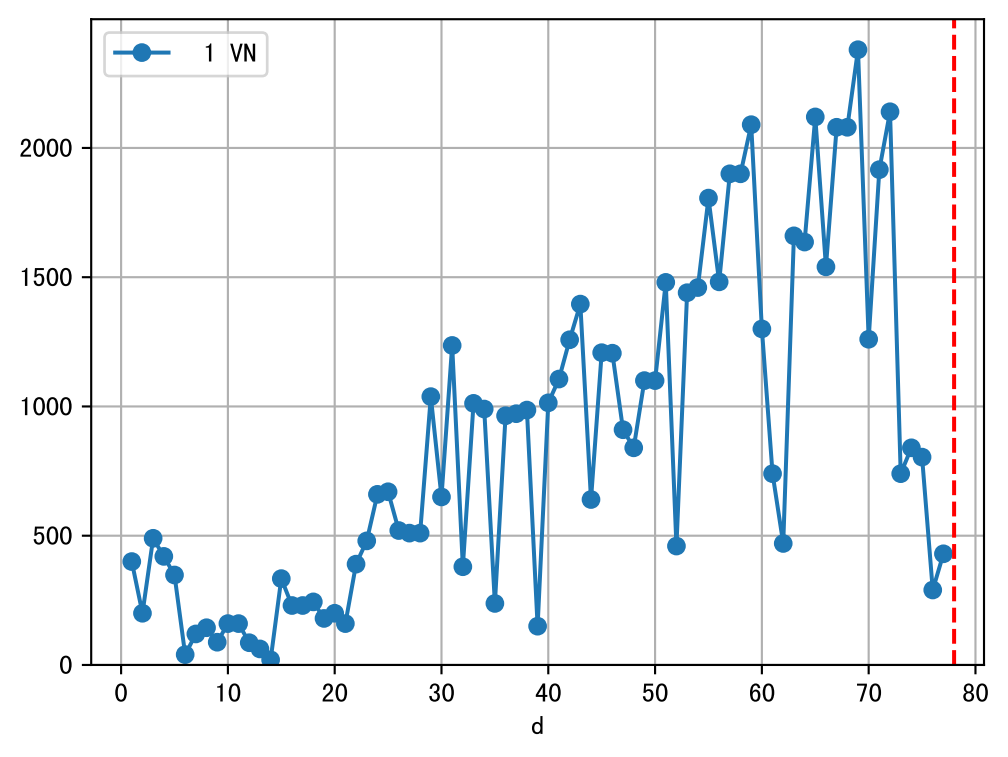
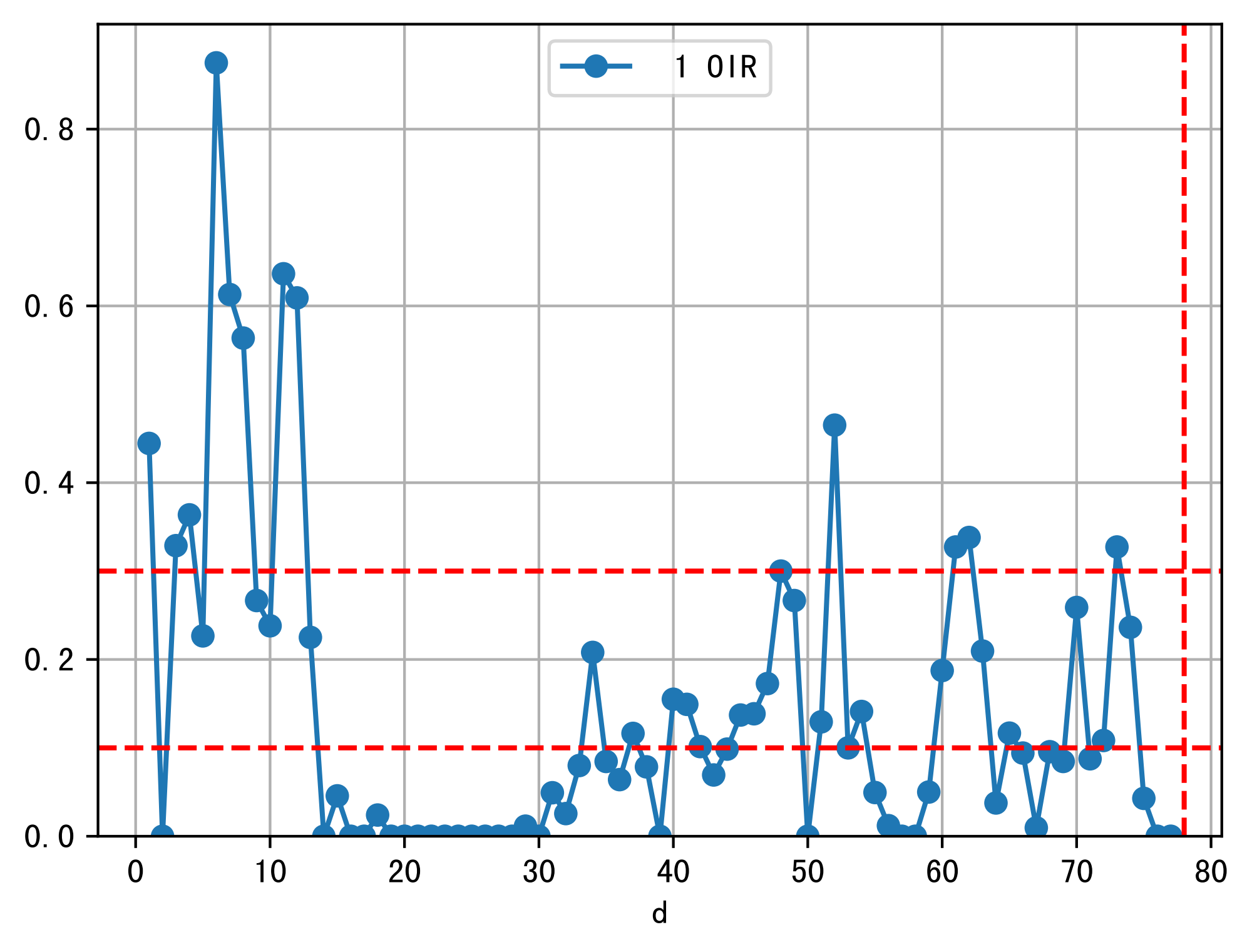
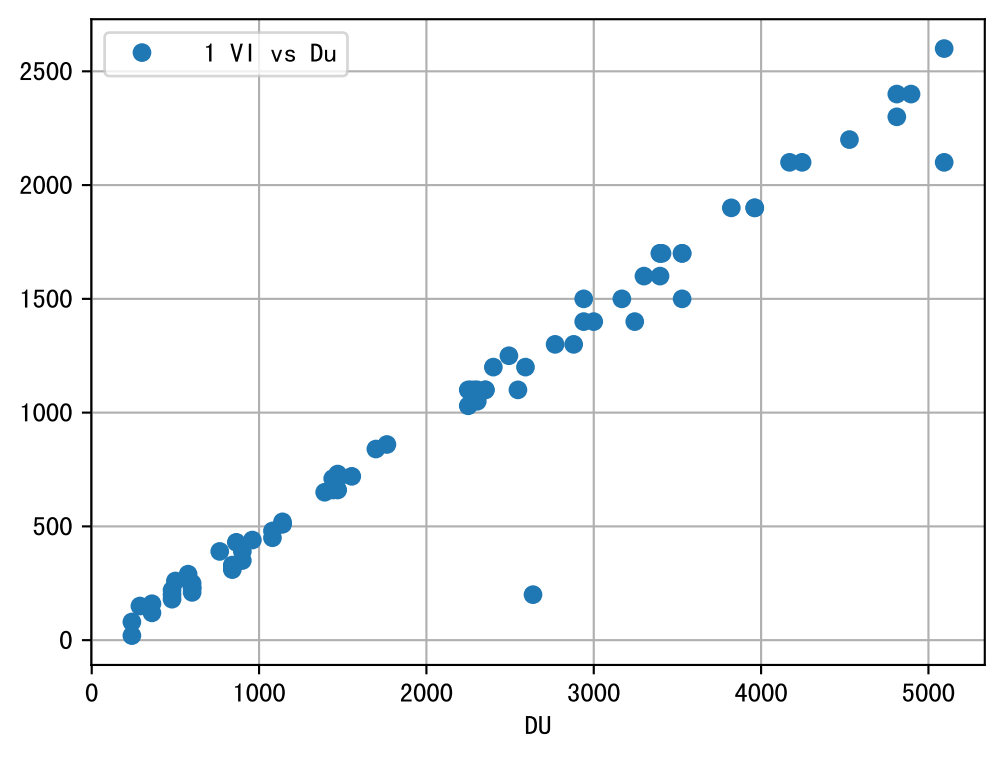
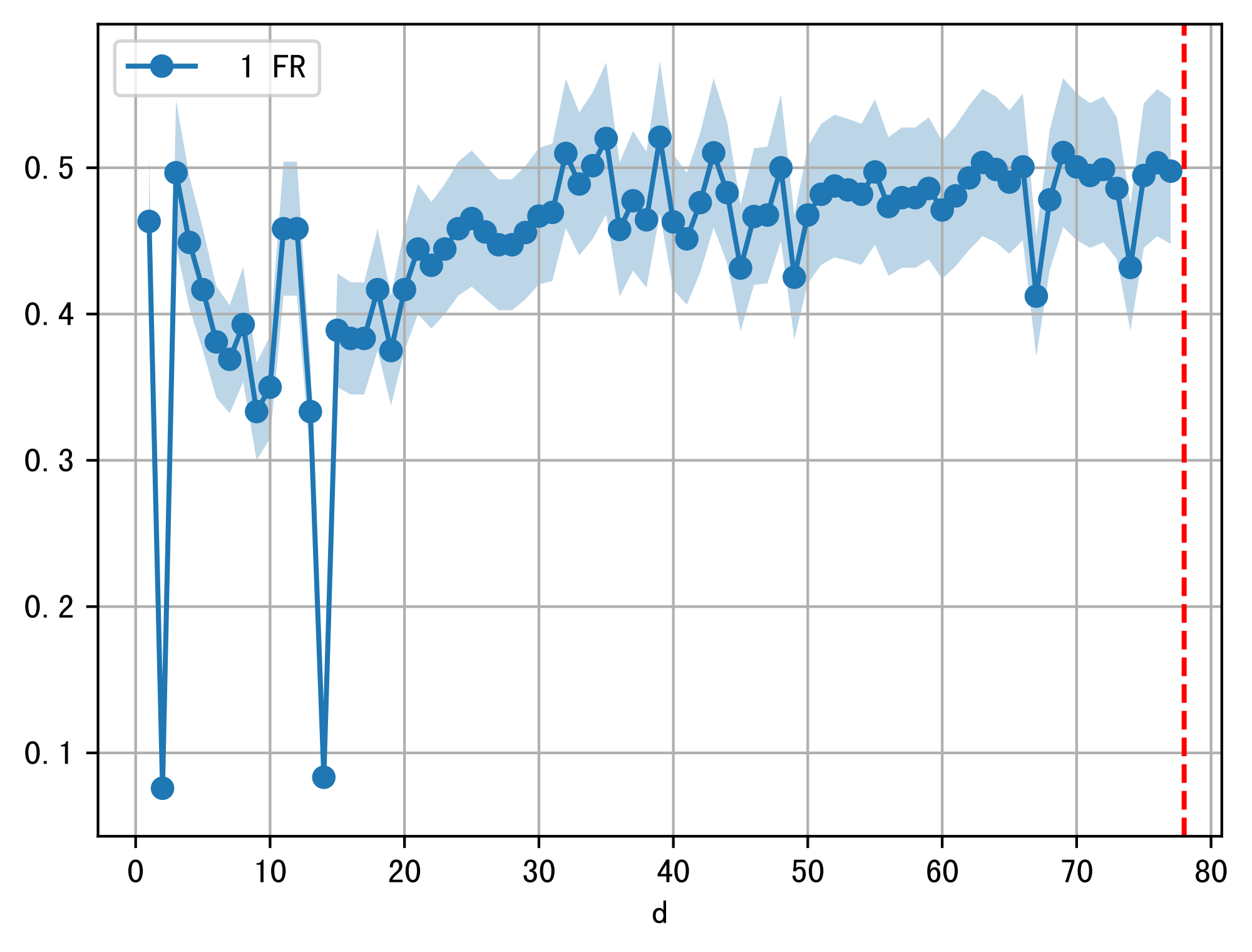
FgArea: ['0']
NC11 P3-13
2025-06-17 (Day 78)

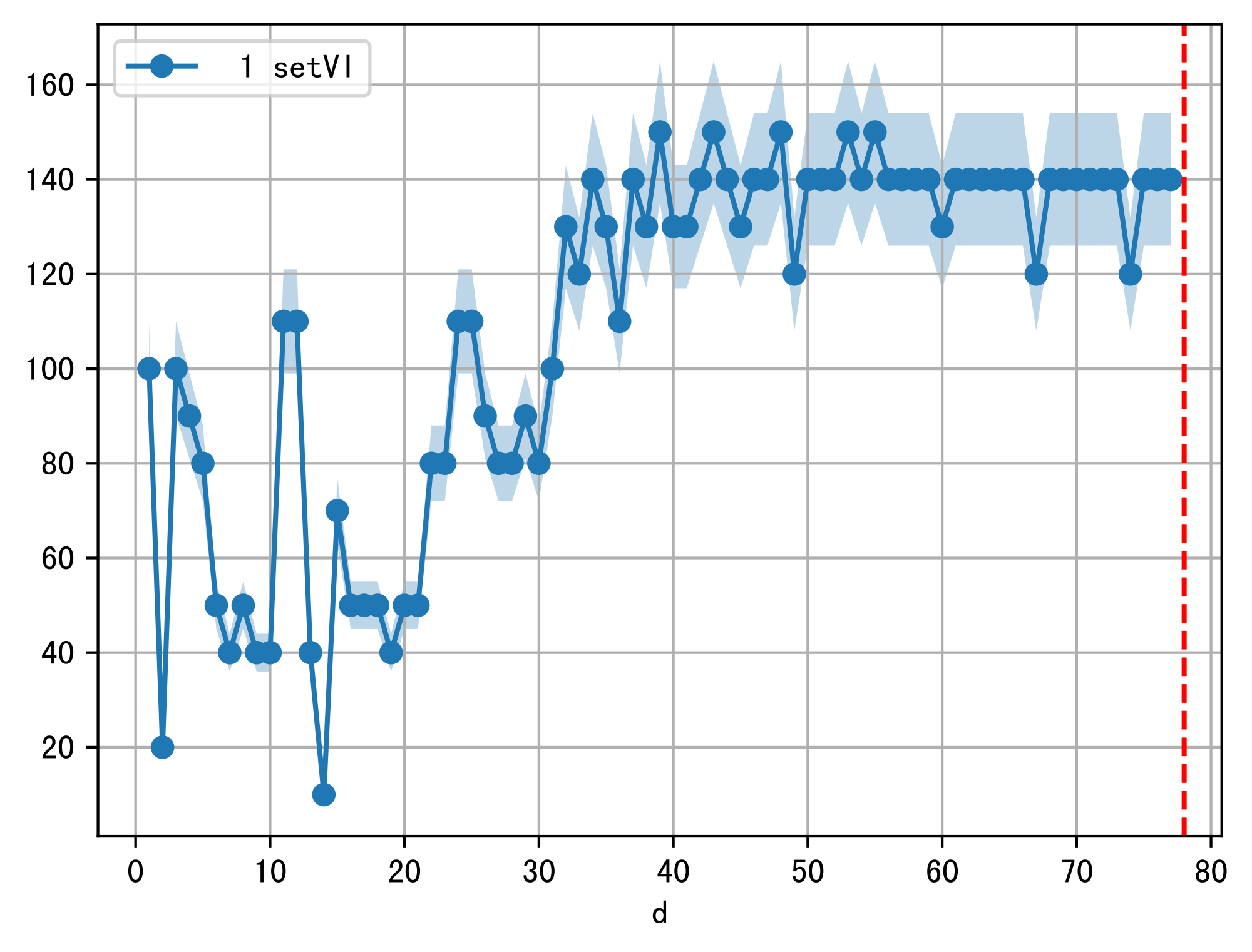

VI
V0
2500
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
80
d

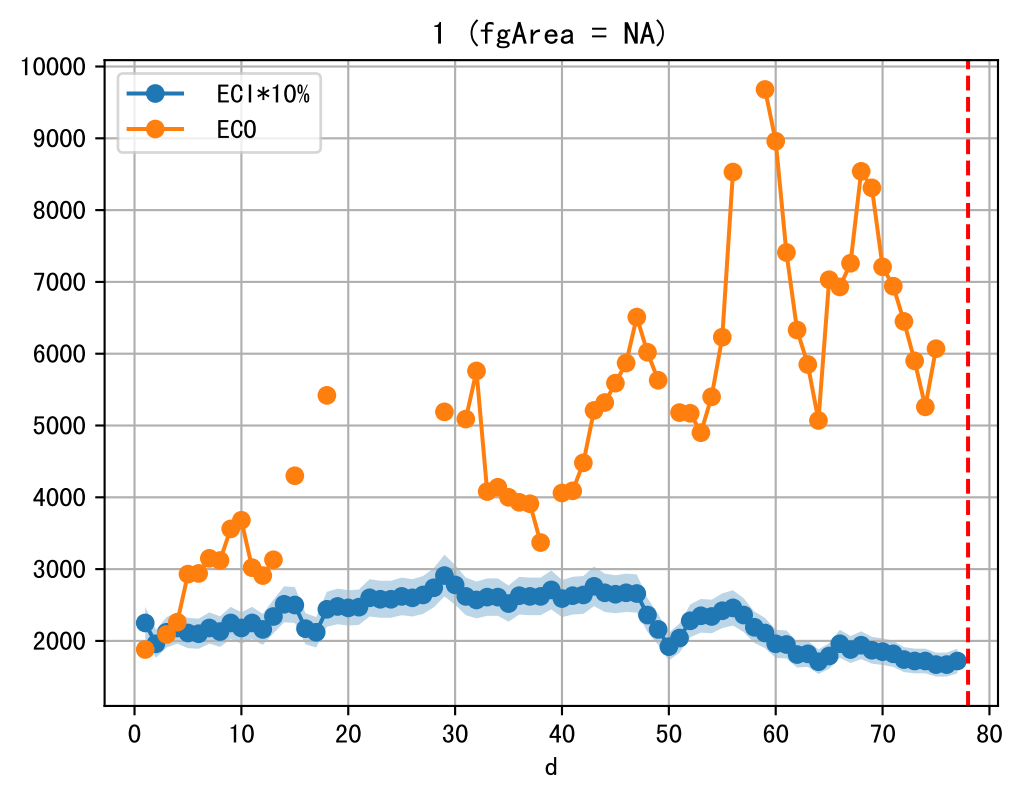

1 VN
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
80
d

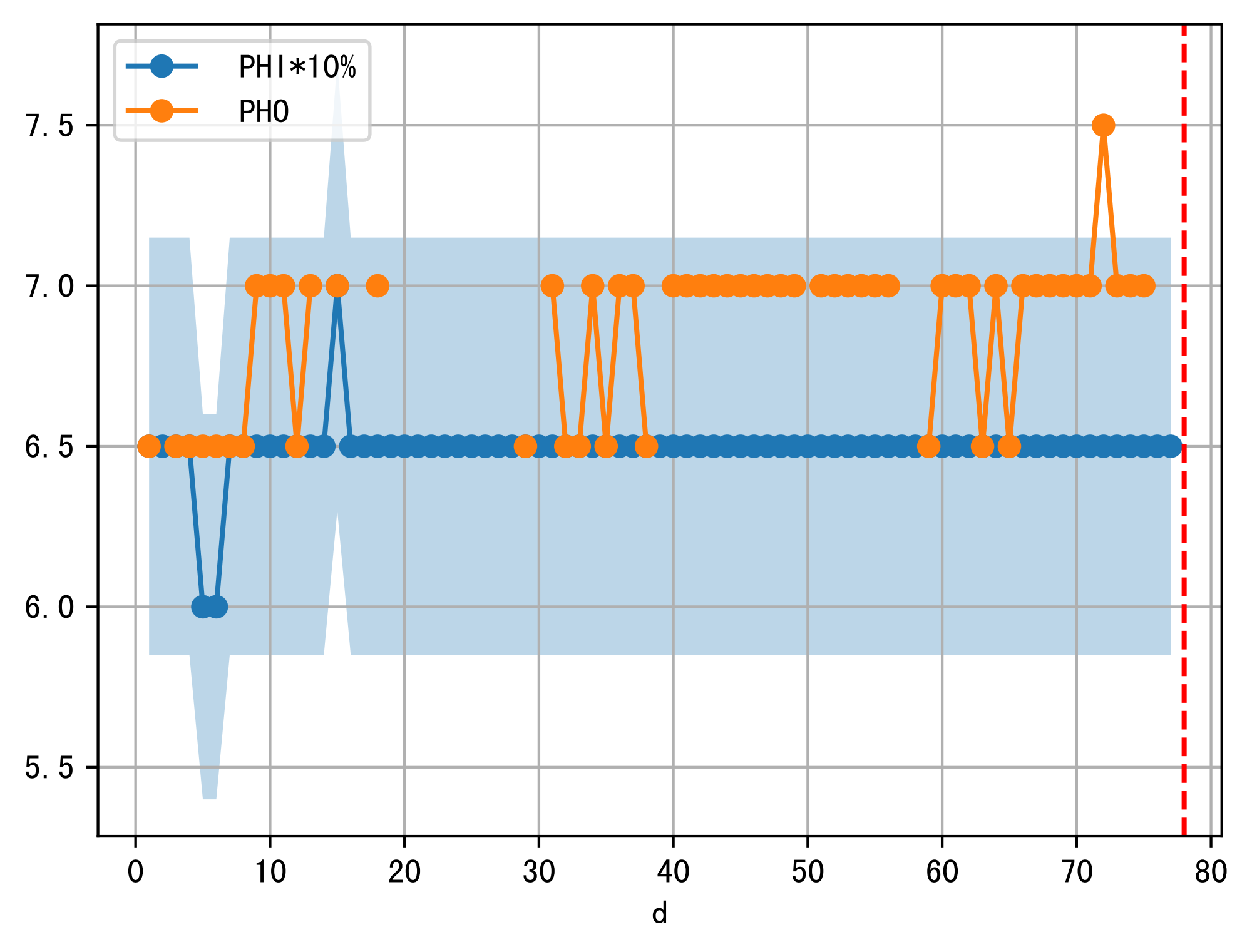

1 0IR
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
50
60
70
80
d

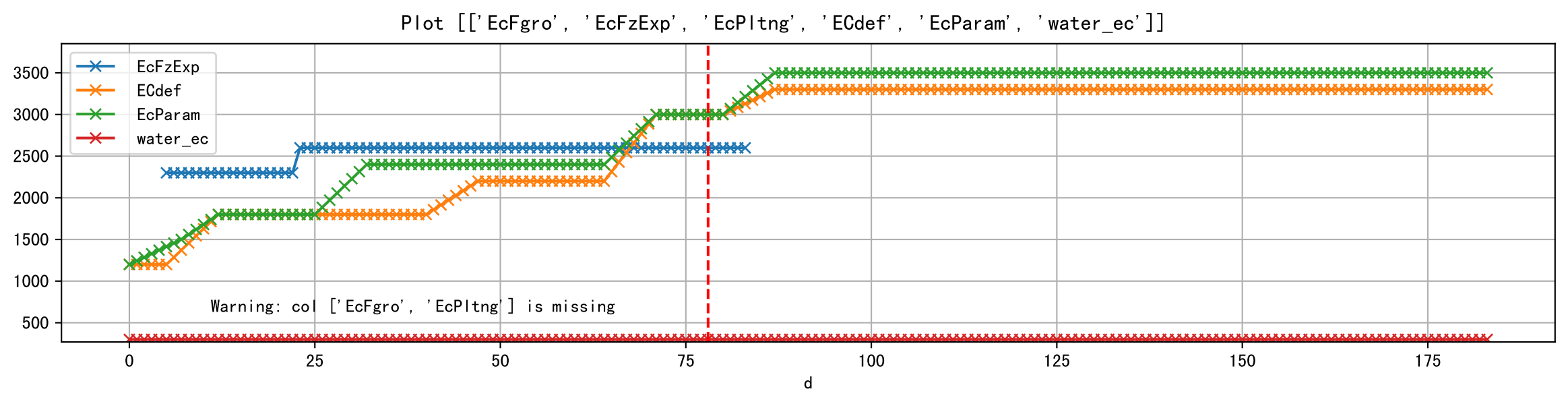

1 VI vs Du
2500
2000
1500
1000
500
0
0
1000
2000
3000
4000
5000
DU

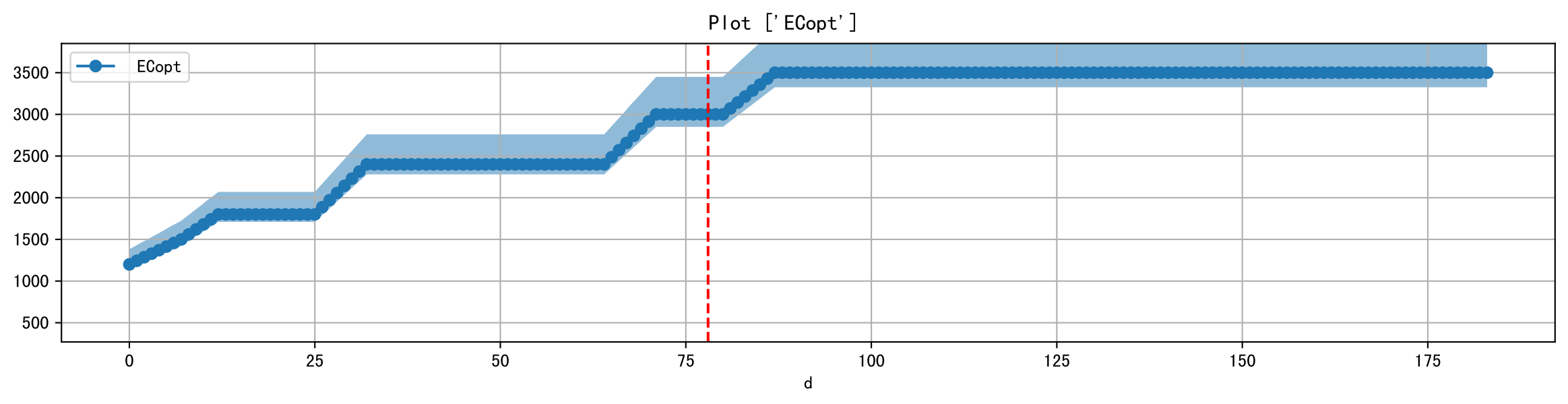

1 FR
0.5
0.4
0.3
0.2
0.1
0
10
20
30
40
50
60
70
80
d


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

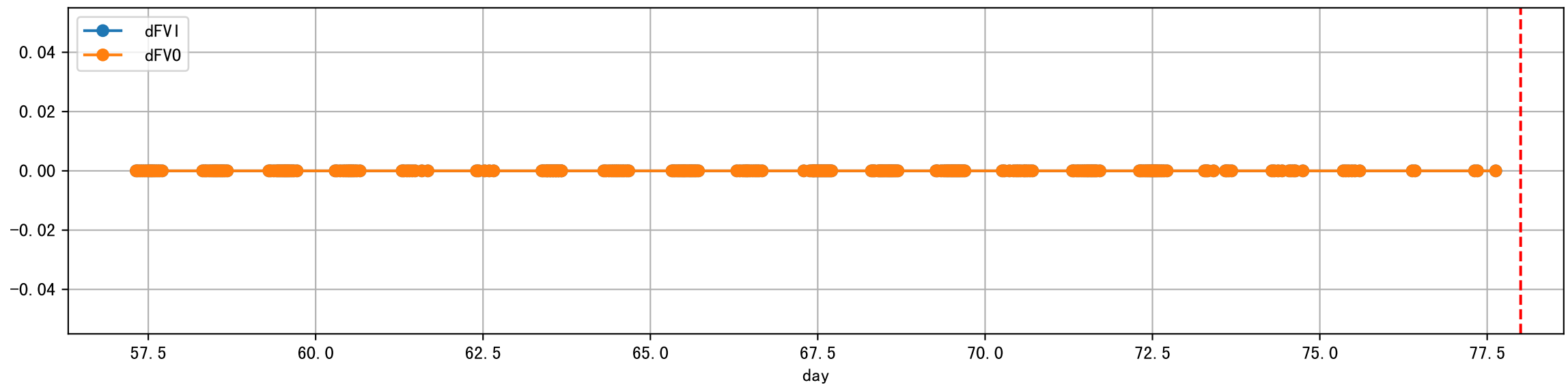

1 (fgArea = NA)
ECI*10%
ECO
10000
9000
8000
7000
6000
5000
4000
3000
2000
0
10
20
30
40
50
60
70
80
d

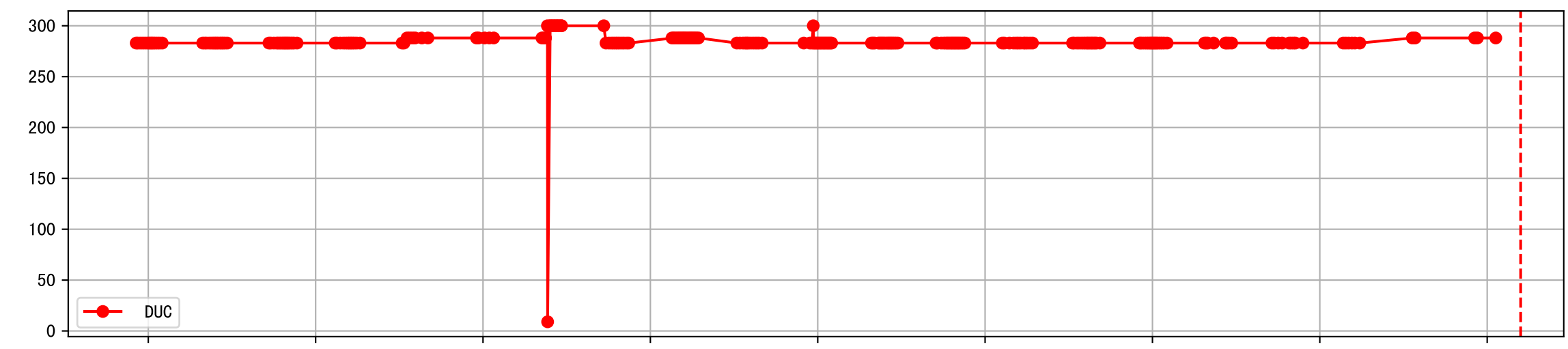

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
10
20
30
40
50
60
70
80
d

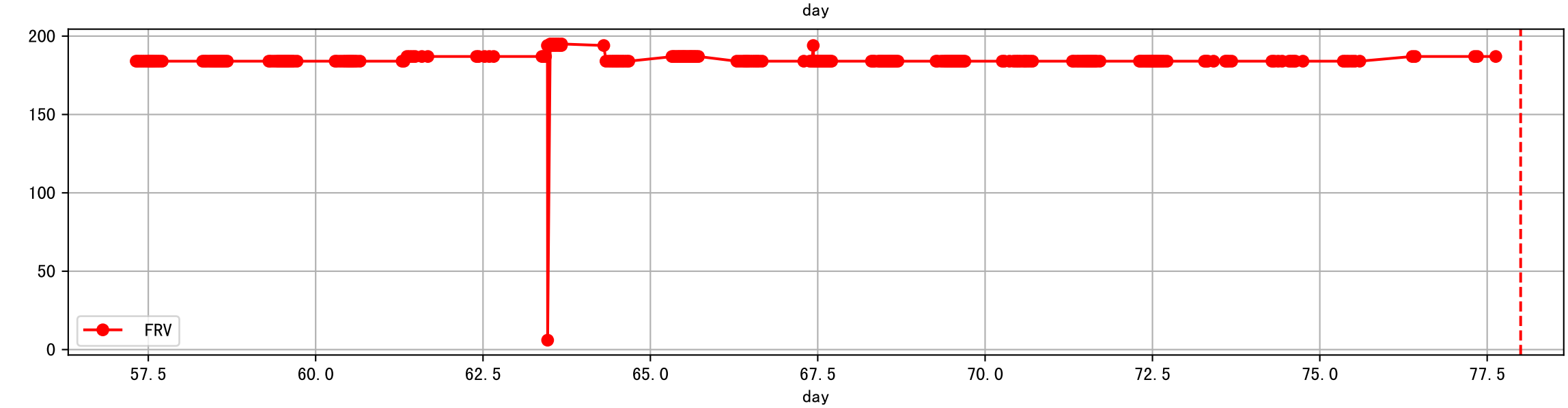

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

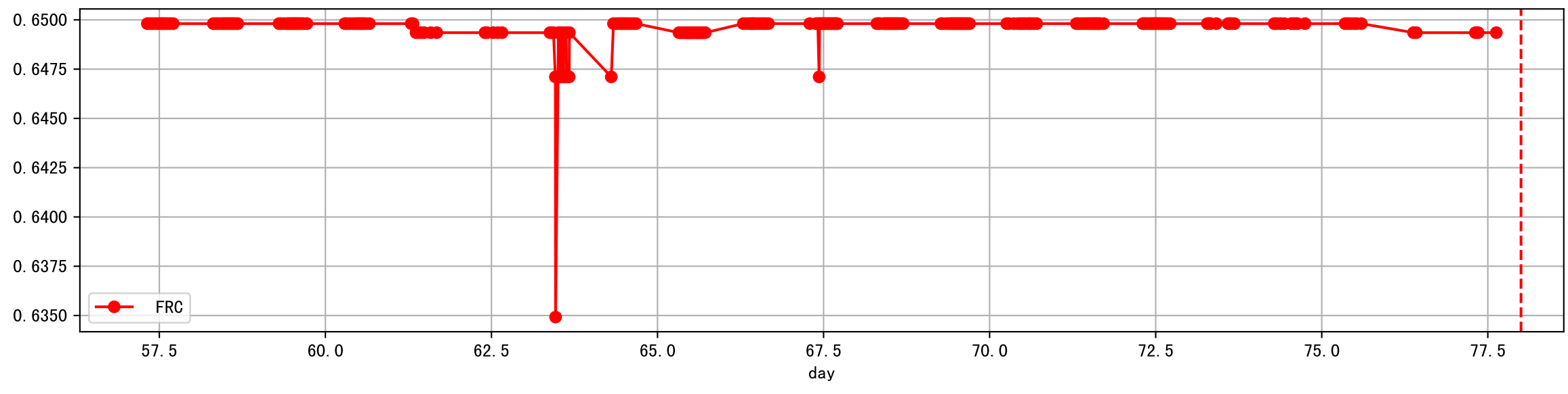

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

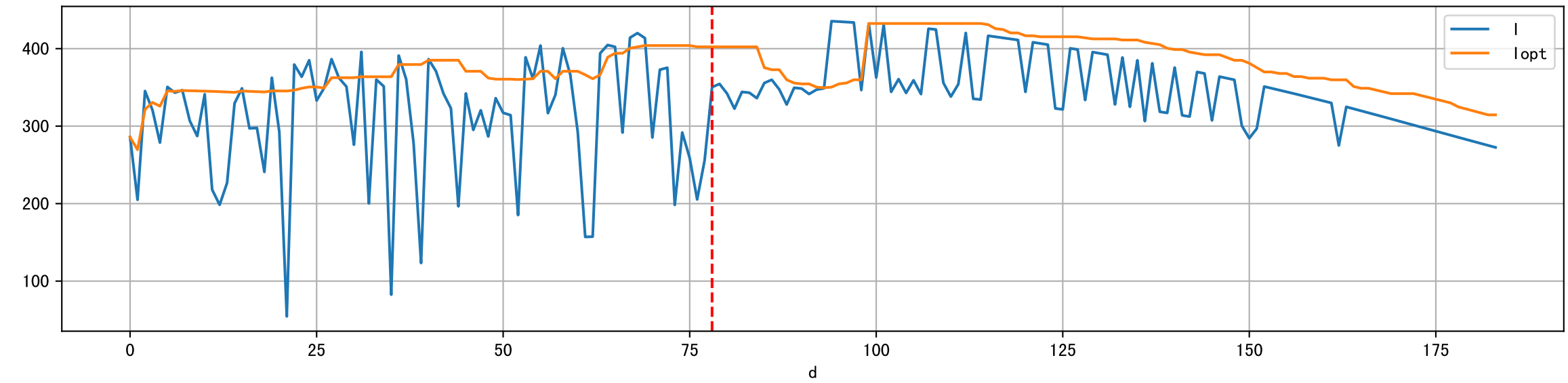


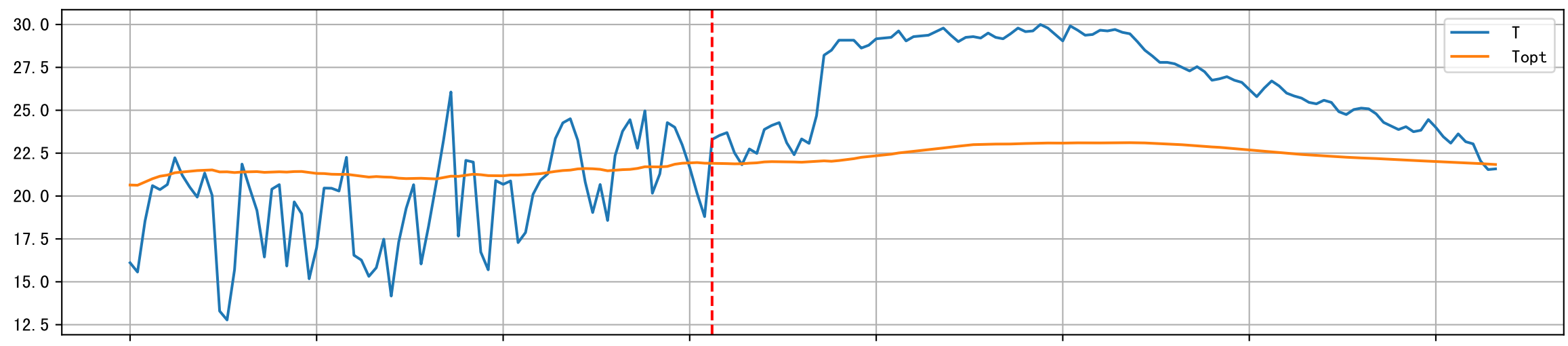


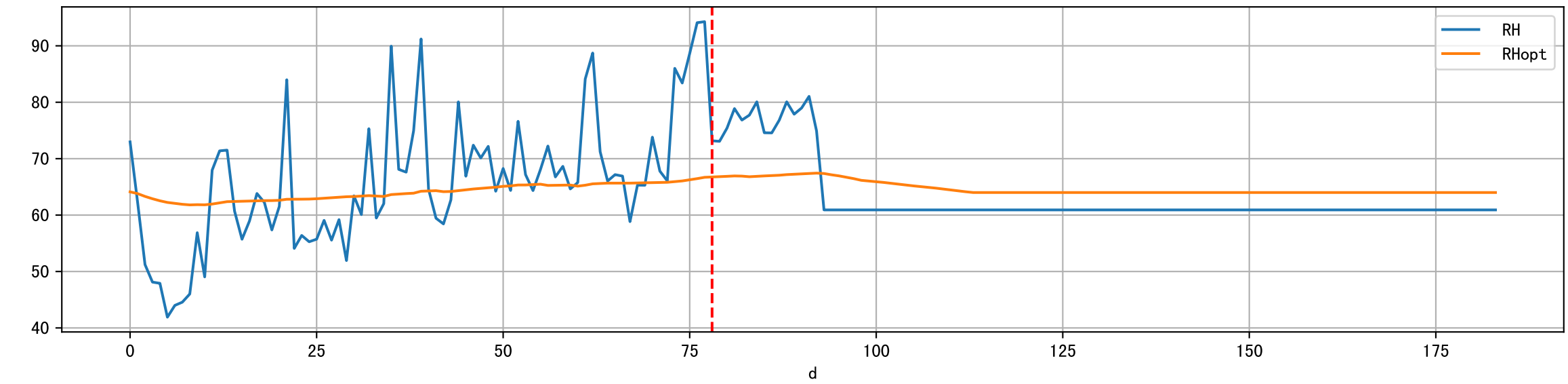


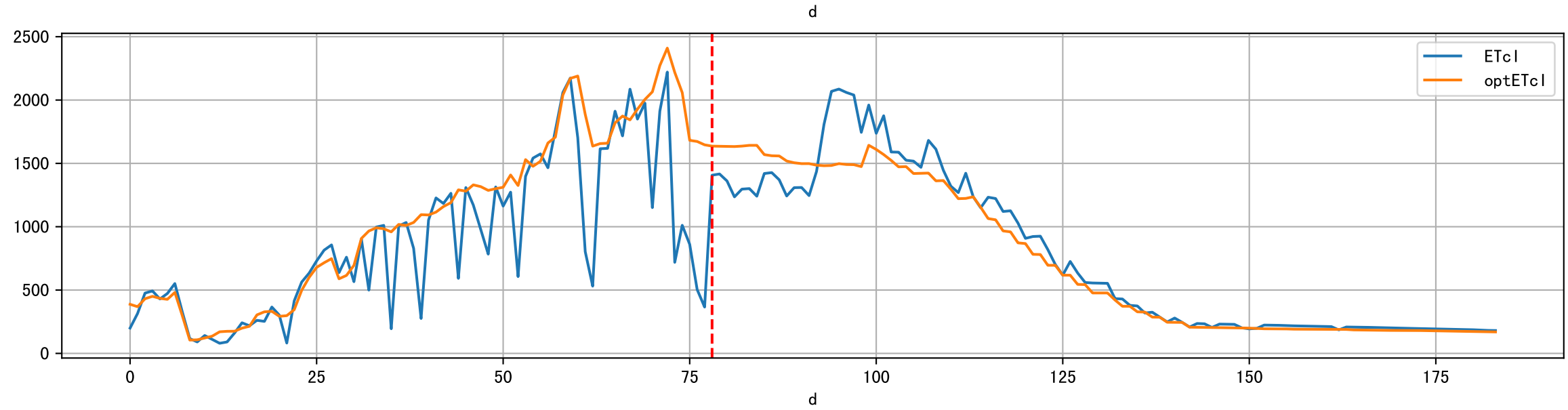


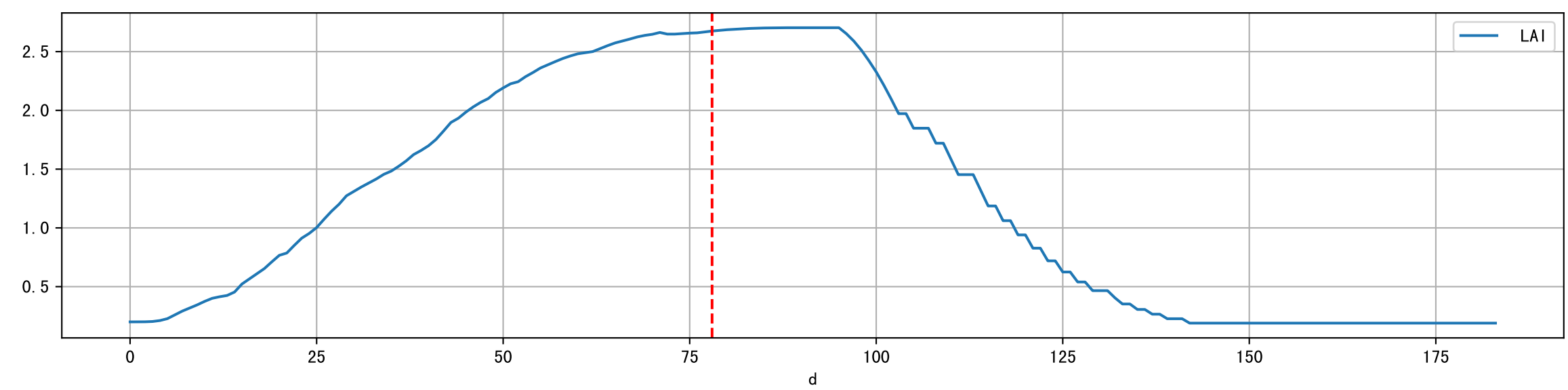
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

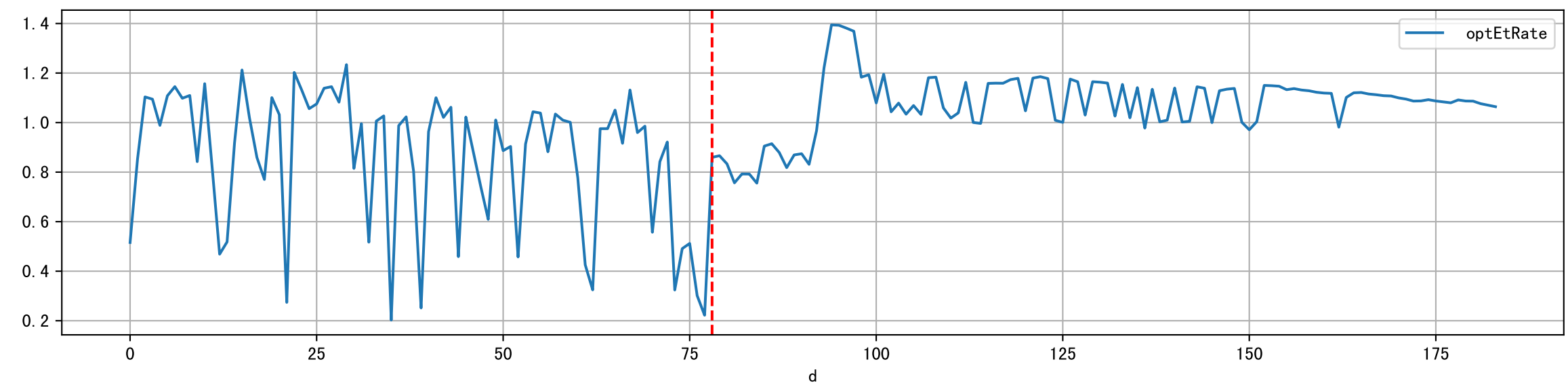


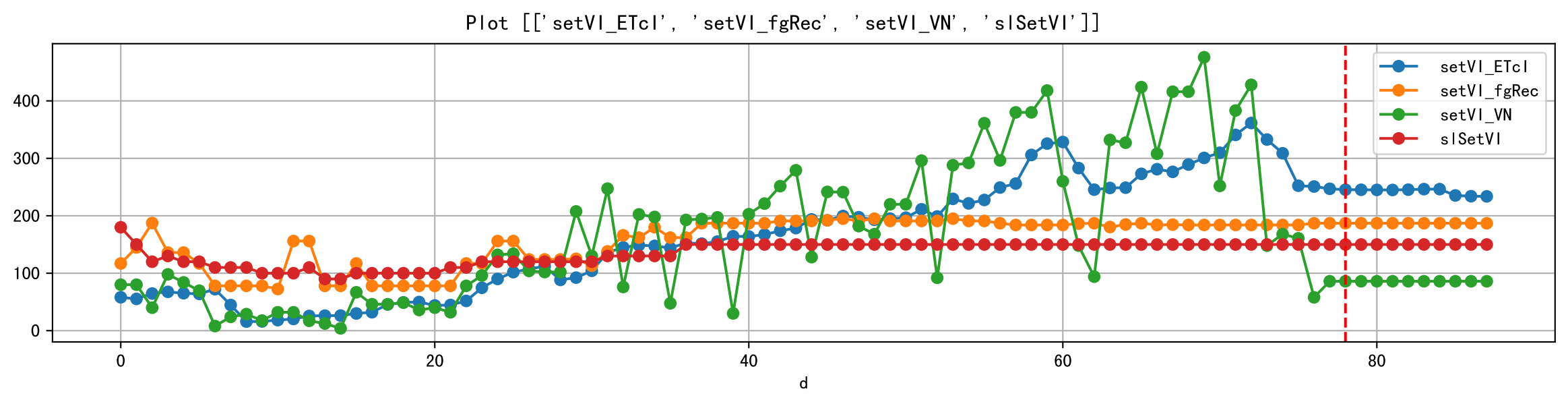


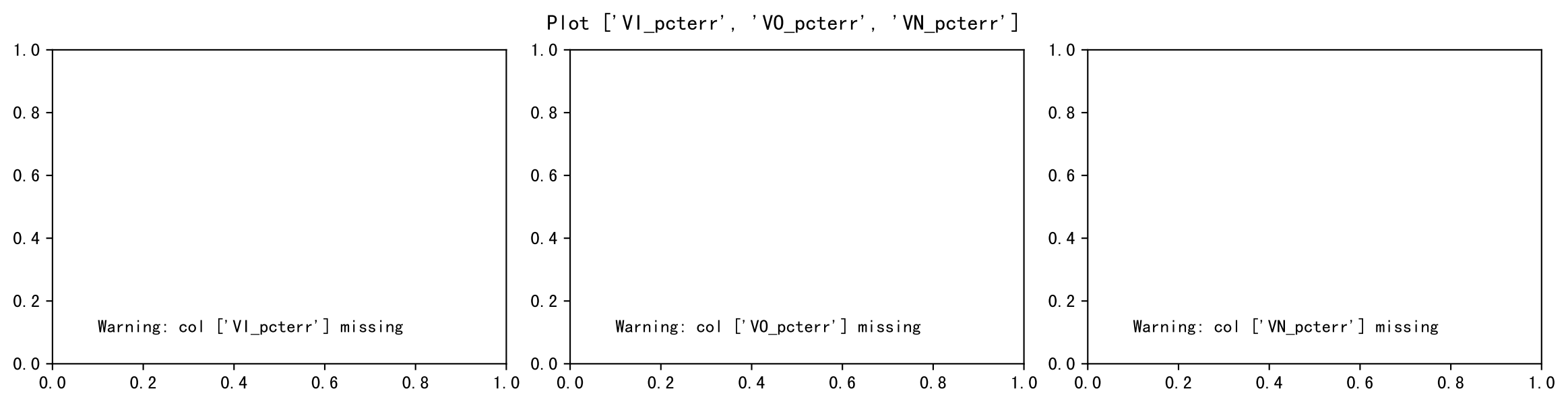


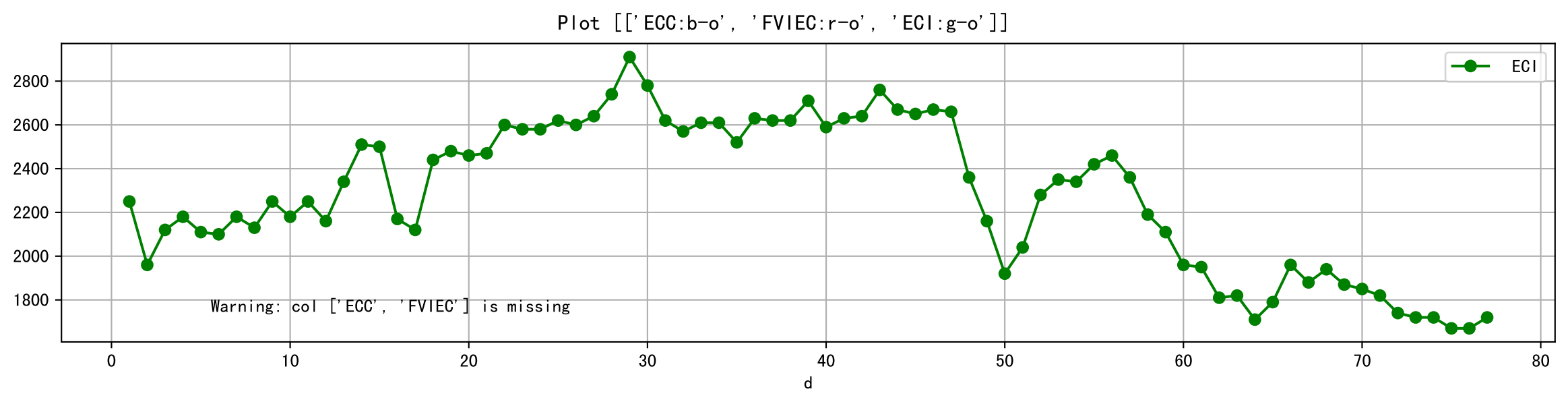


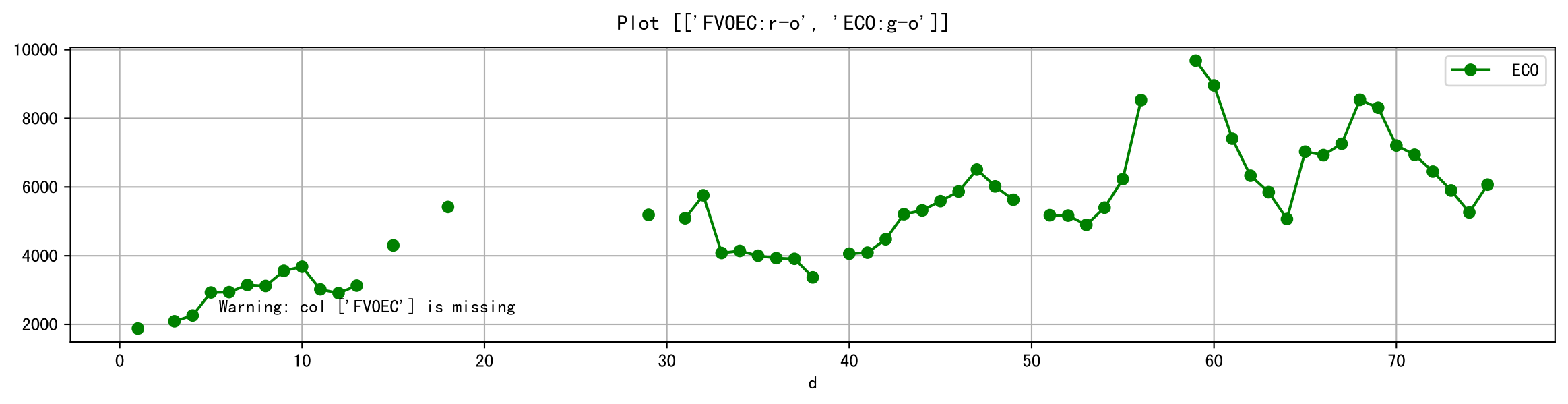


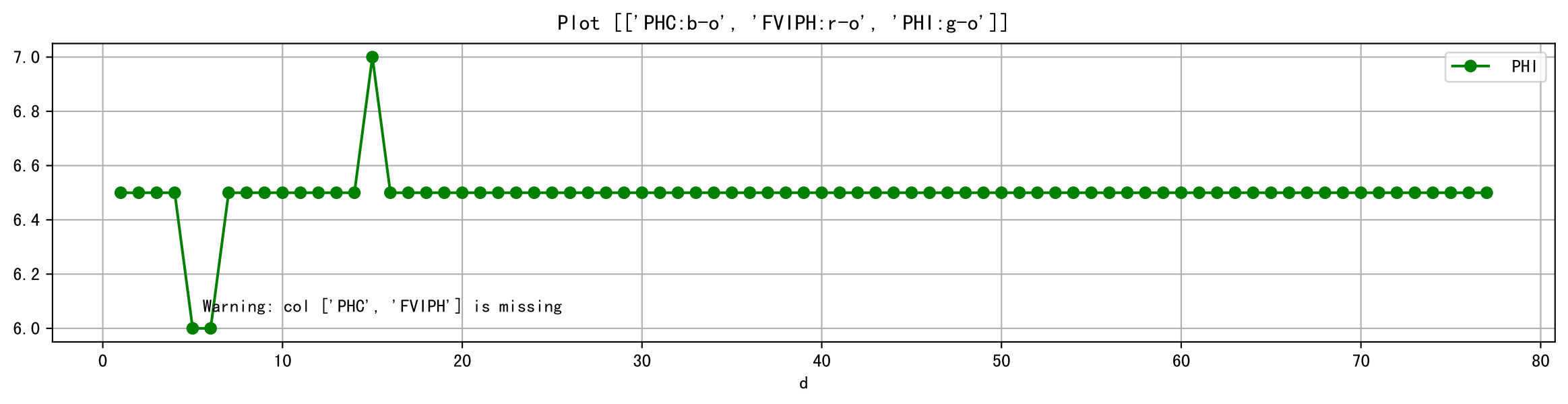


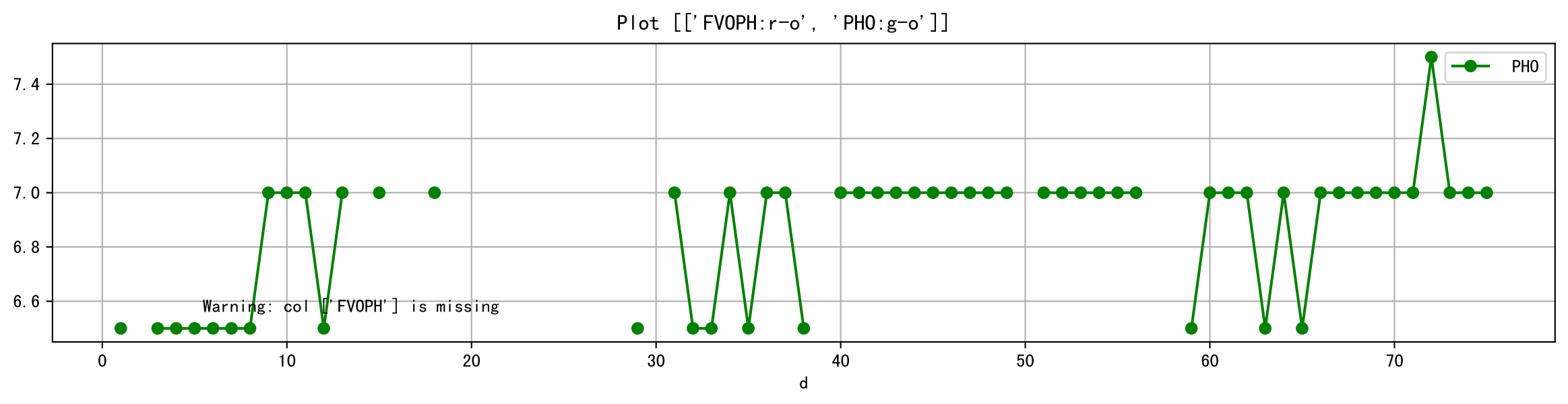

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
400
300
200
100
0
0
20
40
60
80
d

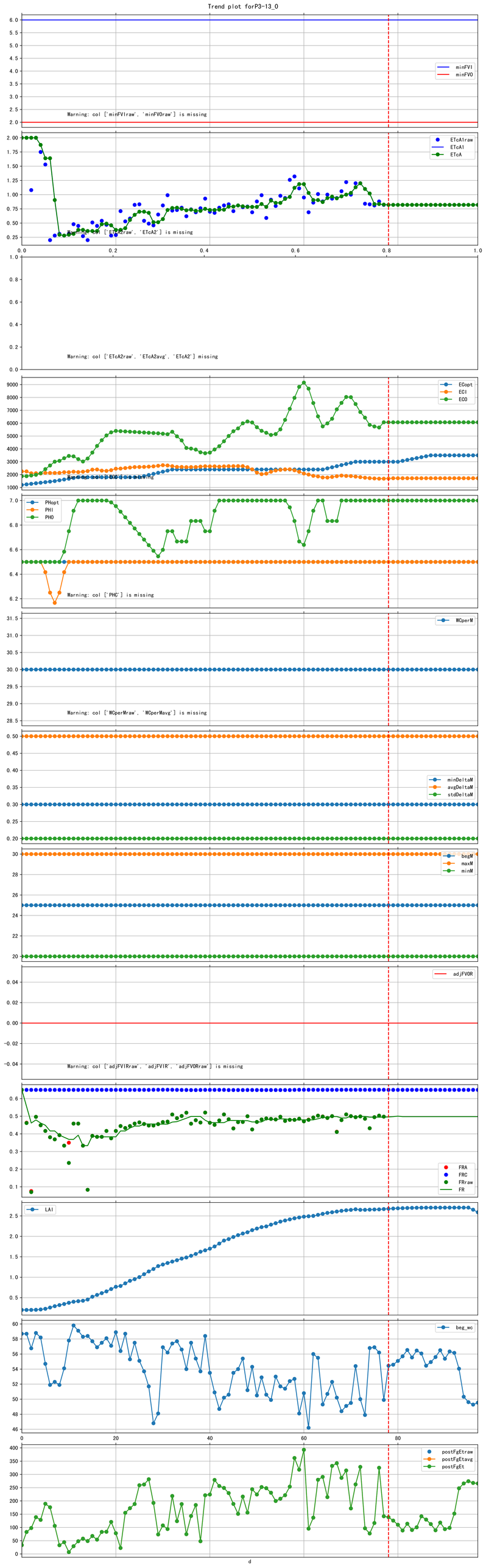

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

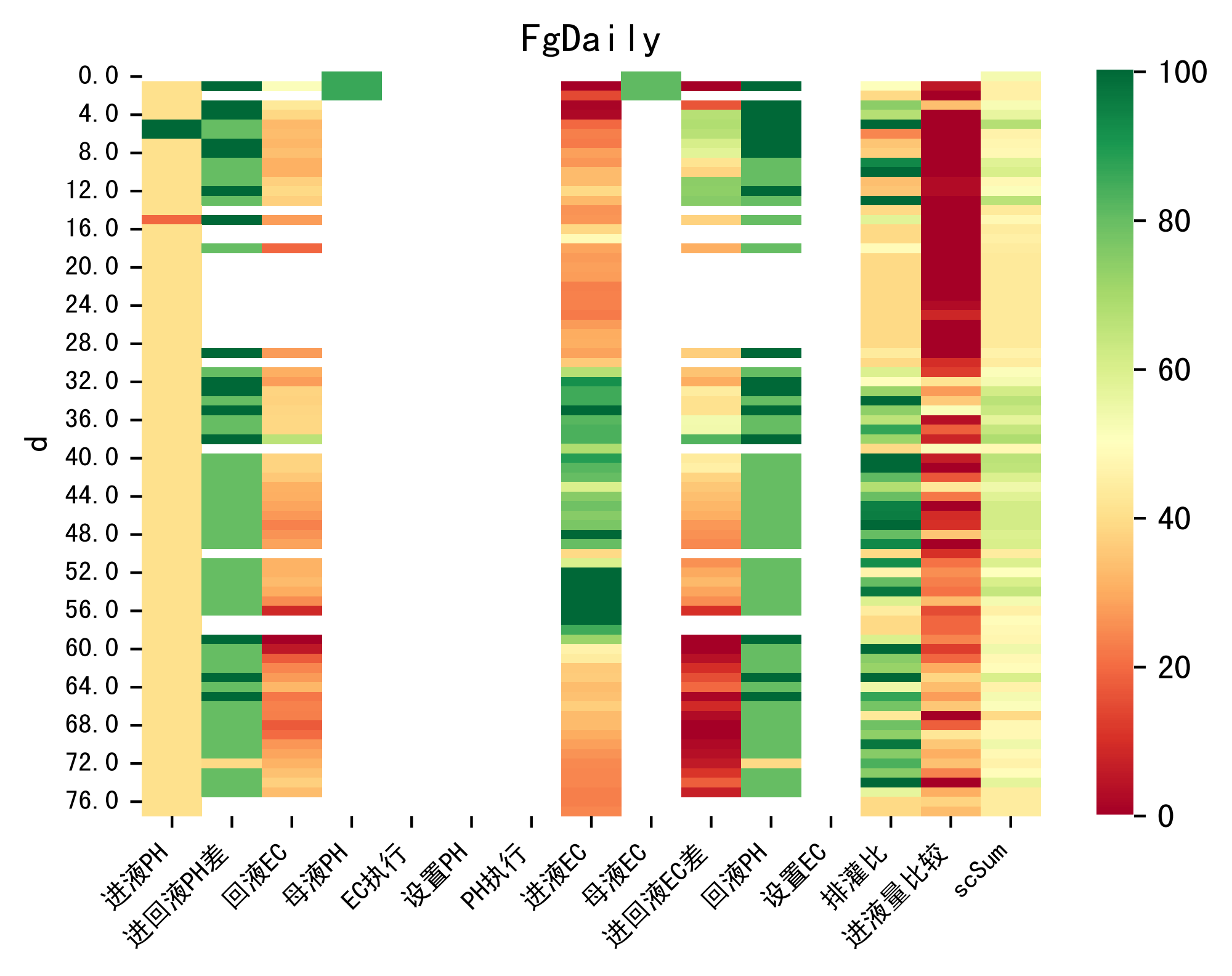

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2800
2600
2400
2200
2000
1800
0
10
20
30
40
50
60
70
80
d


Plot [['FVOEC:r-o', 'EC0:g-o']]
10000
8000
6000
4000
2000
0
10
20
30
40
50
60
70
d
EC0
Warning: col ['FVOEC'] is missing

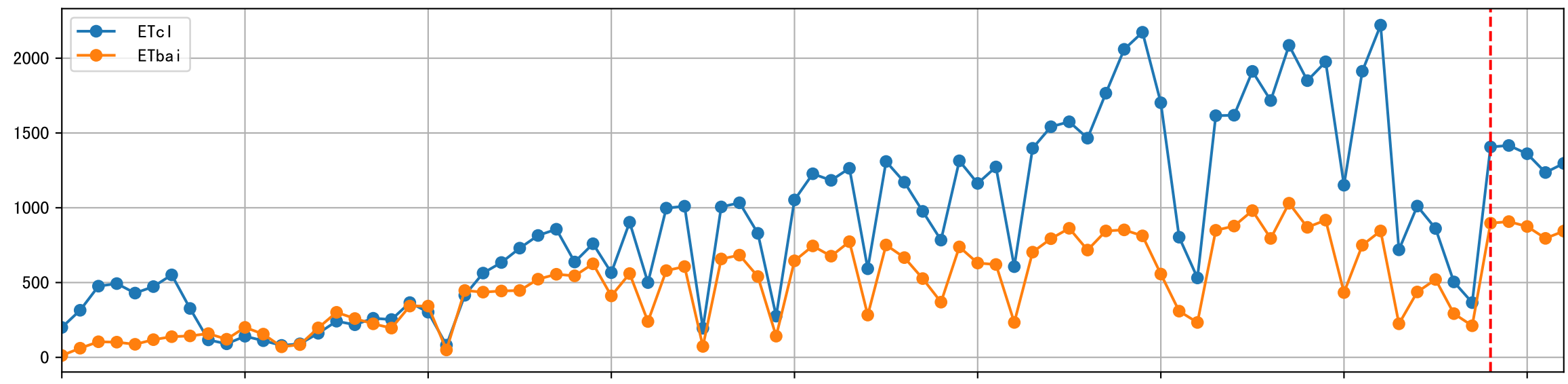

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
10
20
30
40
50
60
70
80
d

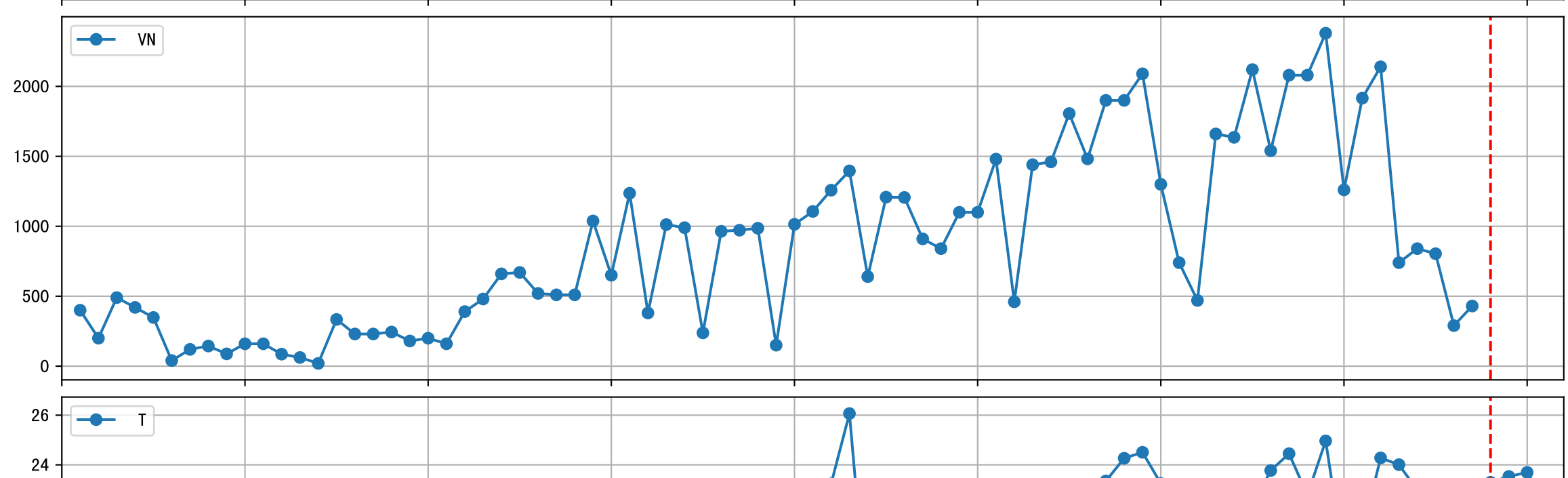

Plot [['FVOPH:r-o', 'PH0:g-o']]
PH0
Warning: col ['FVOPH'] is missing
7.4
7.2
7.0
6.8
6.6
0
10
20
30
40
50
60
70
d

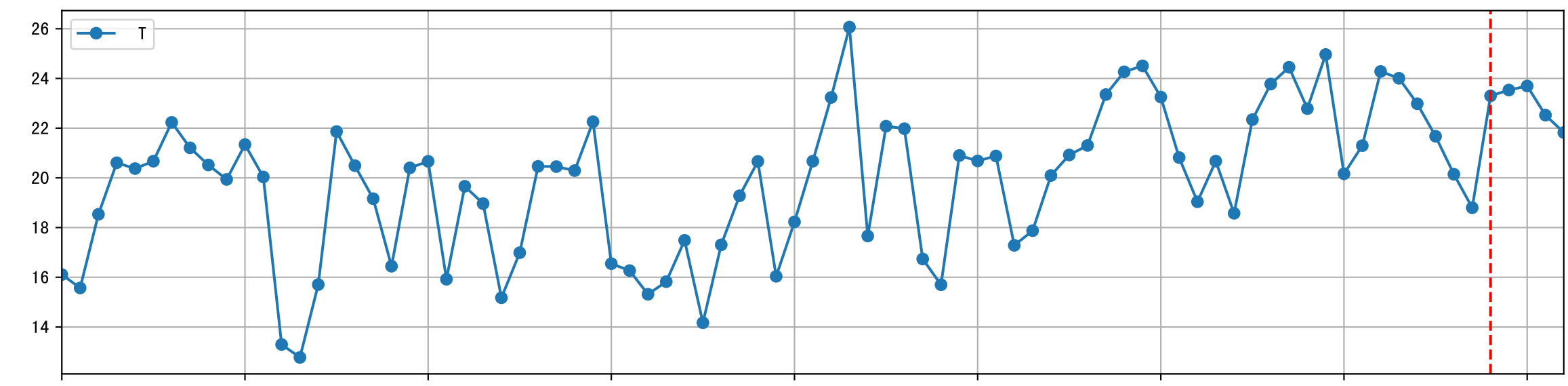

Trend plot forP3-13_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECi
ECO
Warning: col ['ECO'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

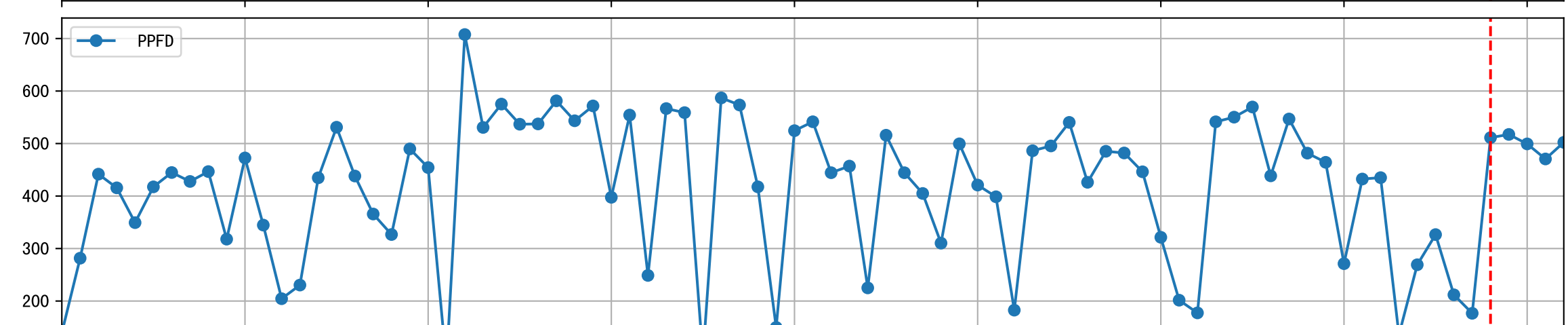

FgDaily
d
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
36.0
40.0
44.0
48.0
52.0
56.0
60.0
64.0
68.0
72.0
76.0
100
80
60
40
20
0
进液PH
进回液PH差
回液EC
母液PH
EC执行
设置PH
PH执行
进液EC
母液EC
进回液EC差
回液PH
设置EC
排灌比
进液量比较
scSum

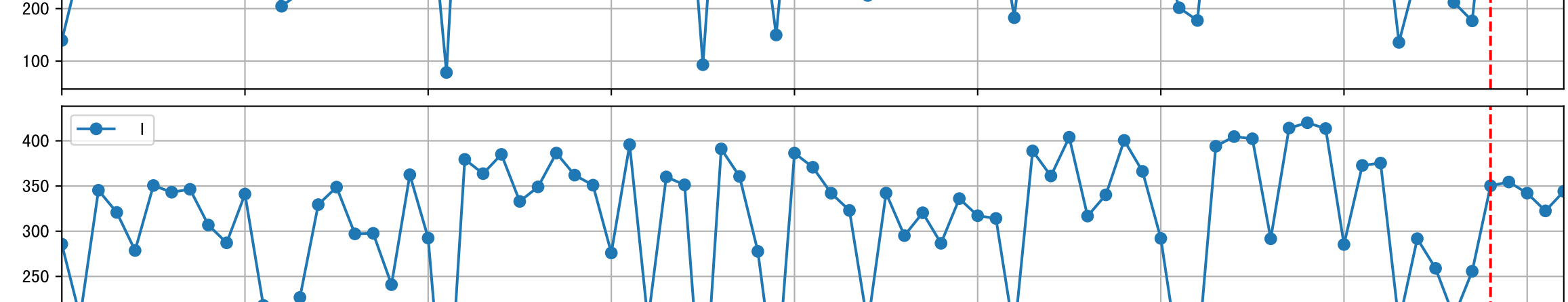
P3-13_0

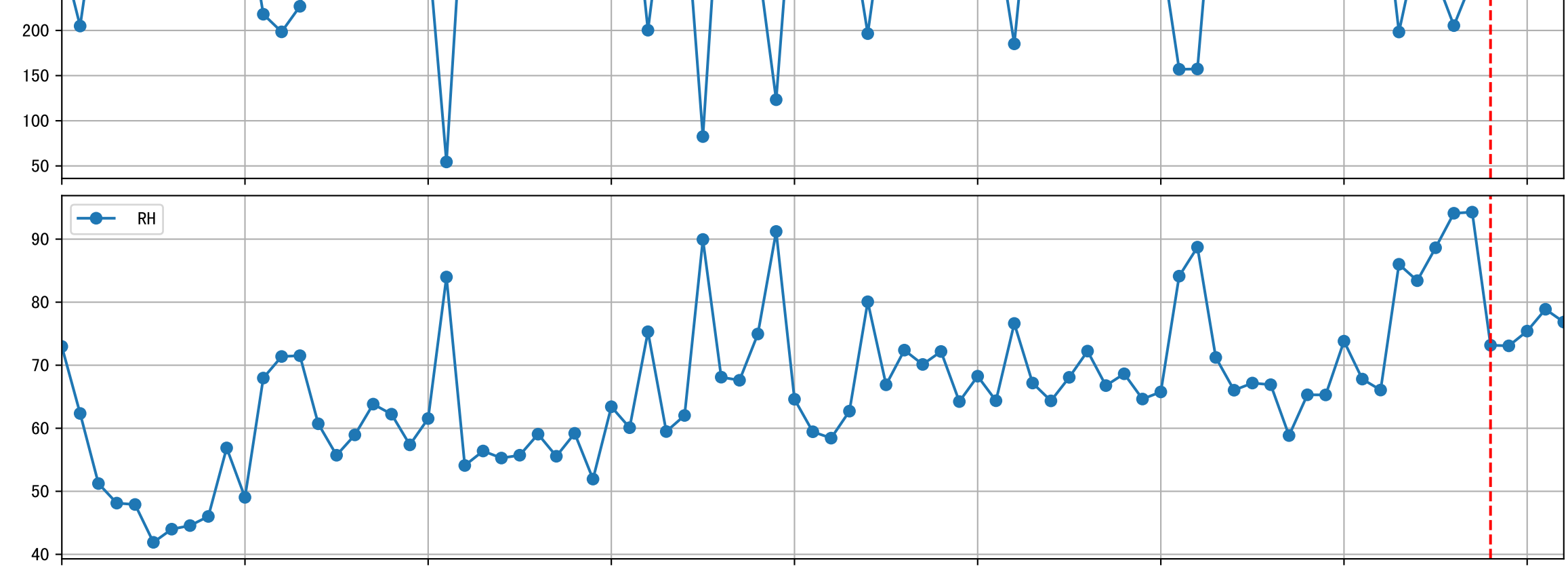

ETcl
ETbai
2000
1500
1000
500
0

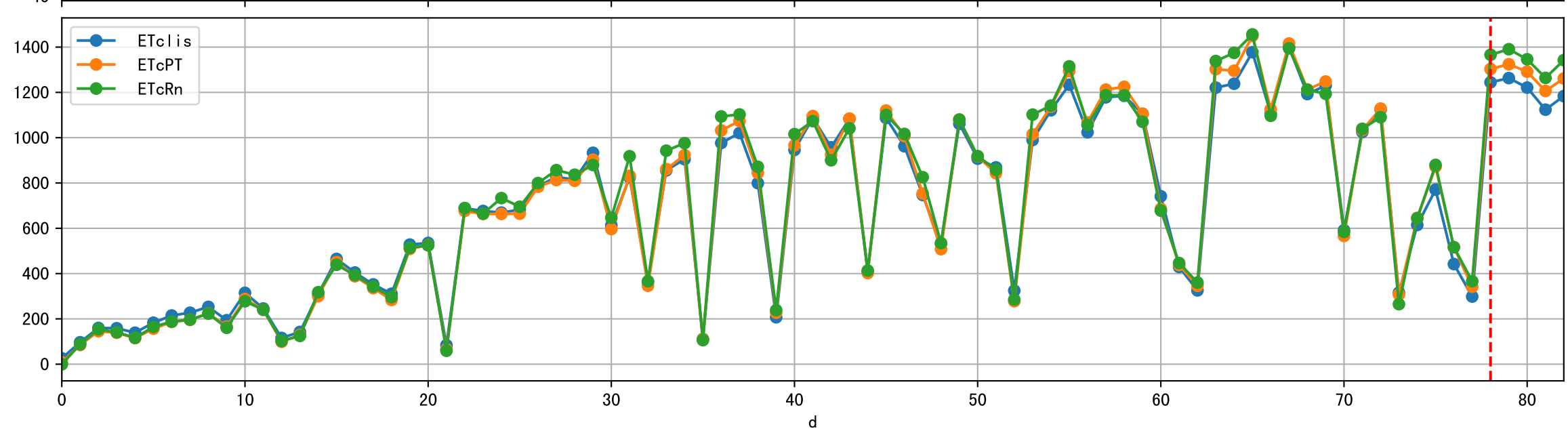

VN
2000
1500
1000
500
0

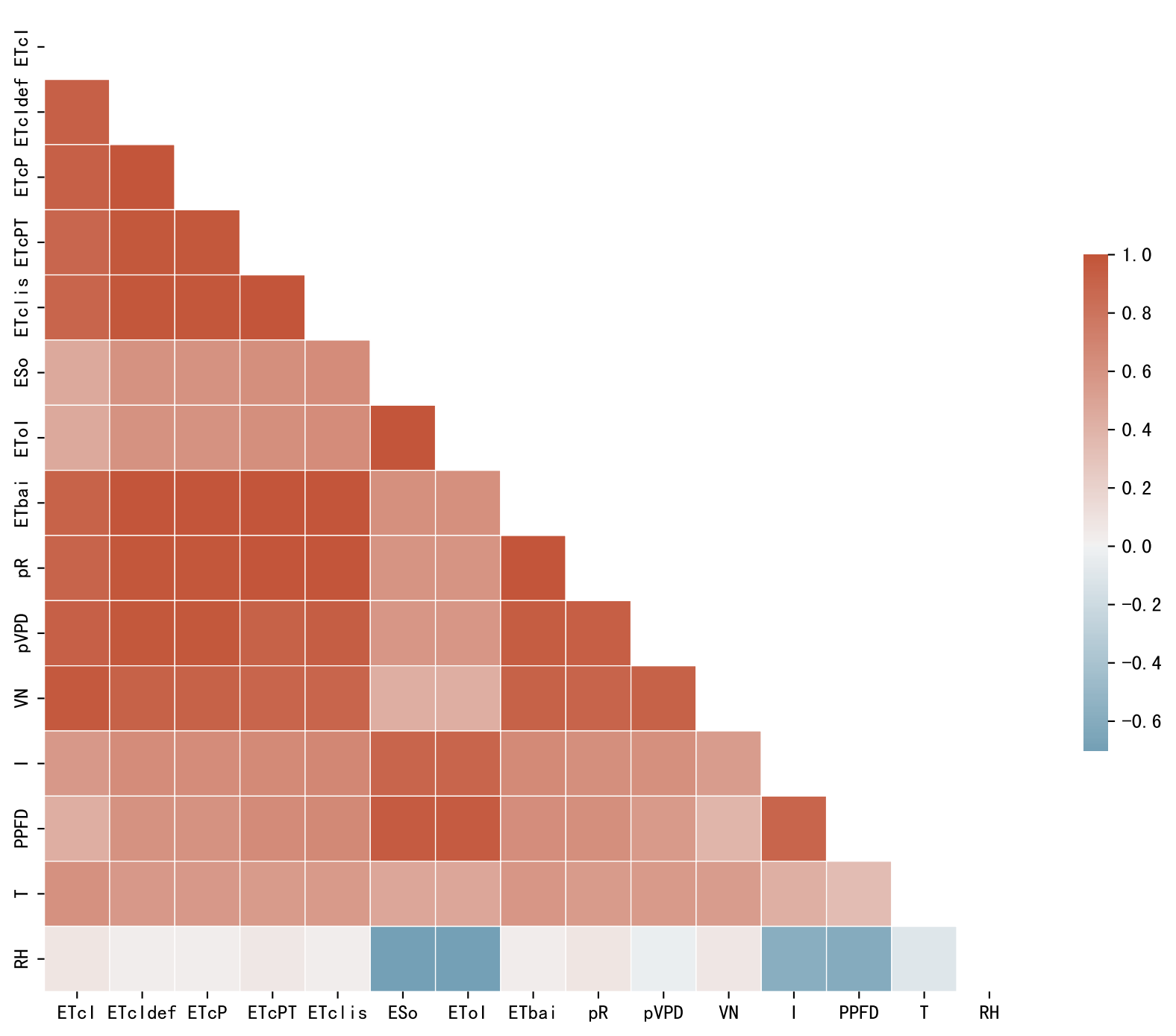

T
26
24
22
20
18
16
14

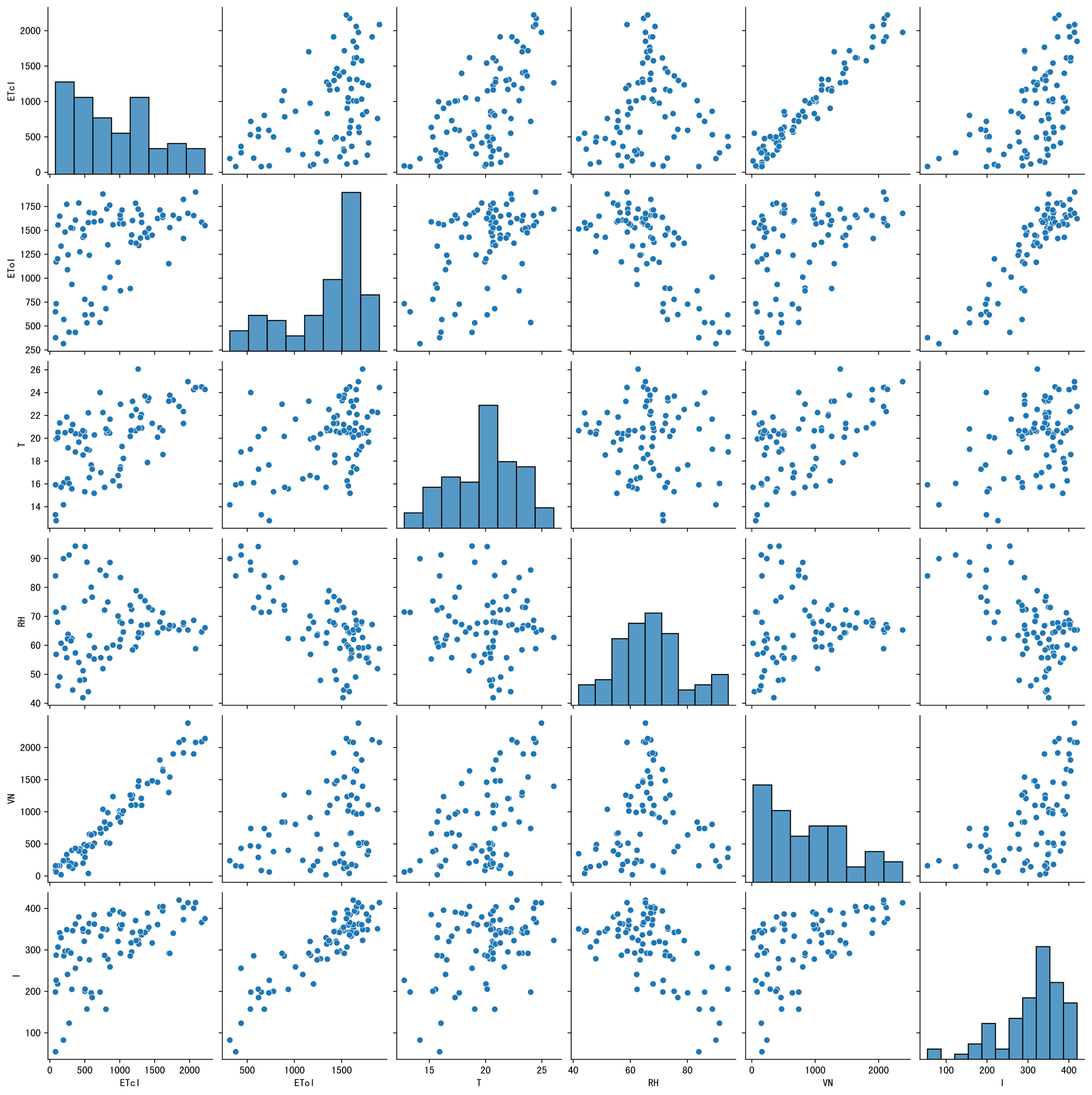

PPFD
700
600
500
400
300
200
100

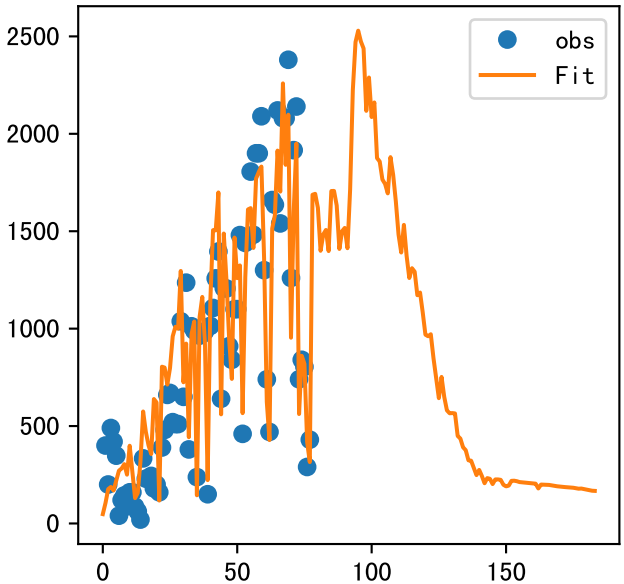

I
400
350
300
250
200
150
100
50

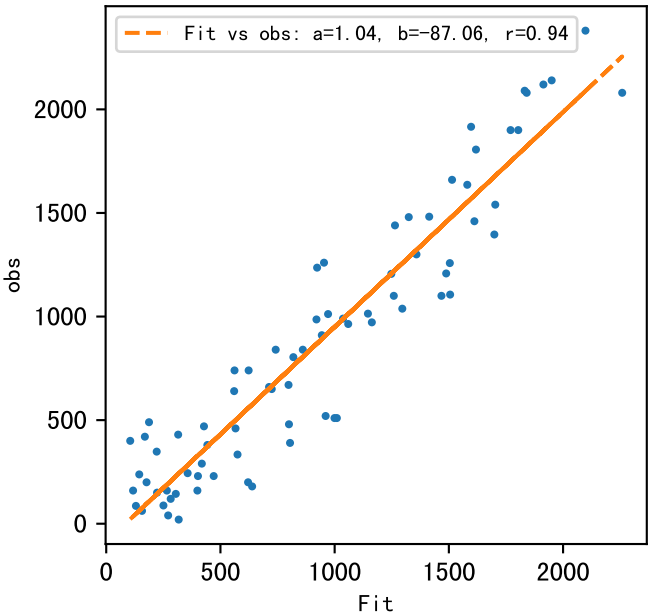

RH
90
80
70
60
50
40


ETclis
ETcPT
ETcRn
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80
d

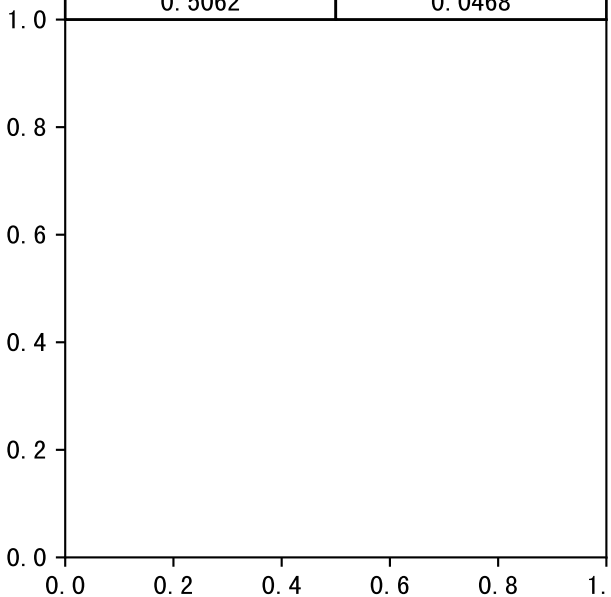

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

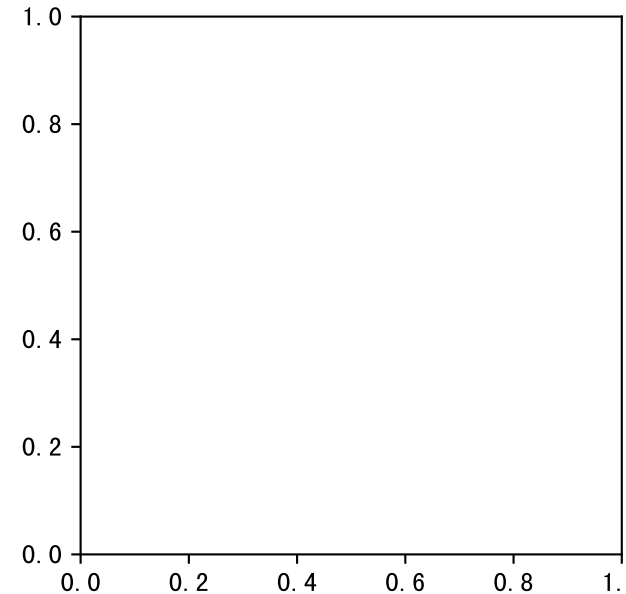

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

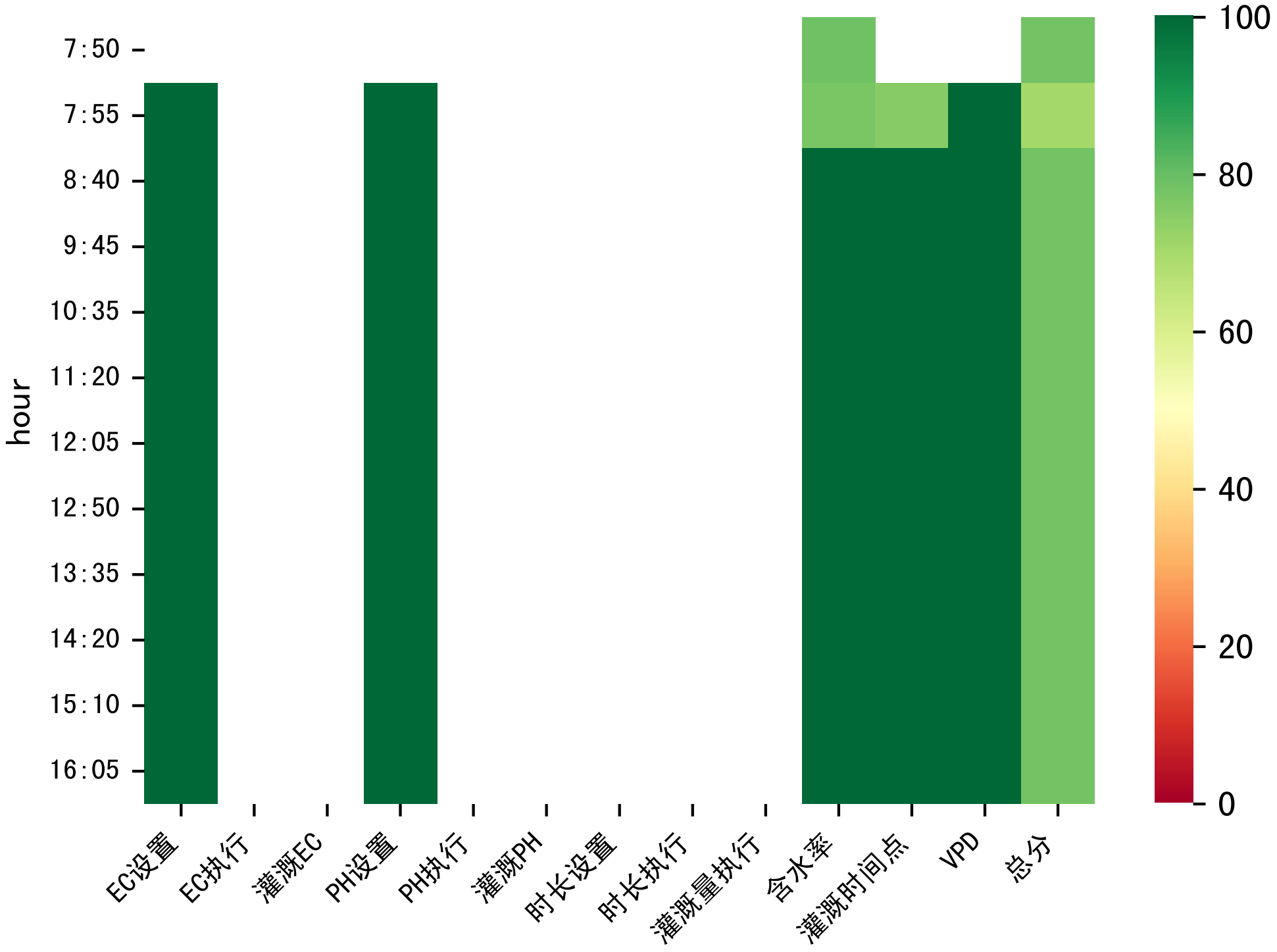




baiA	baiB
0.5062	0.0468

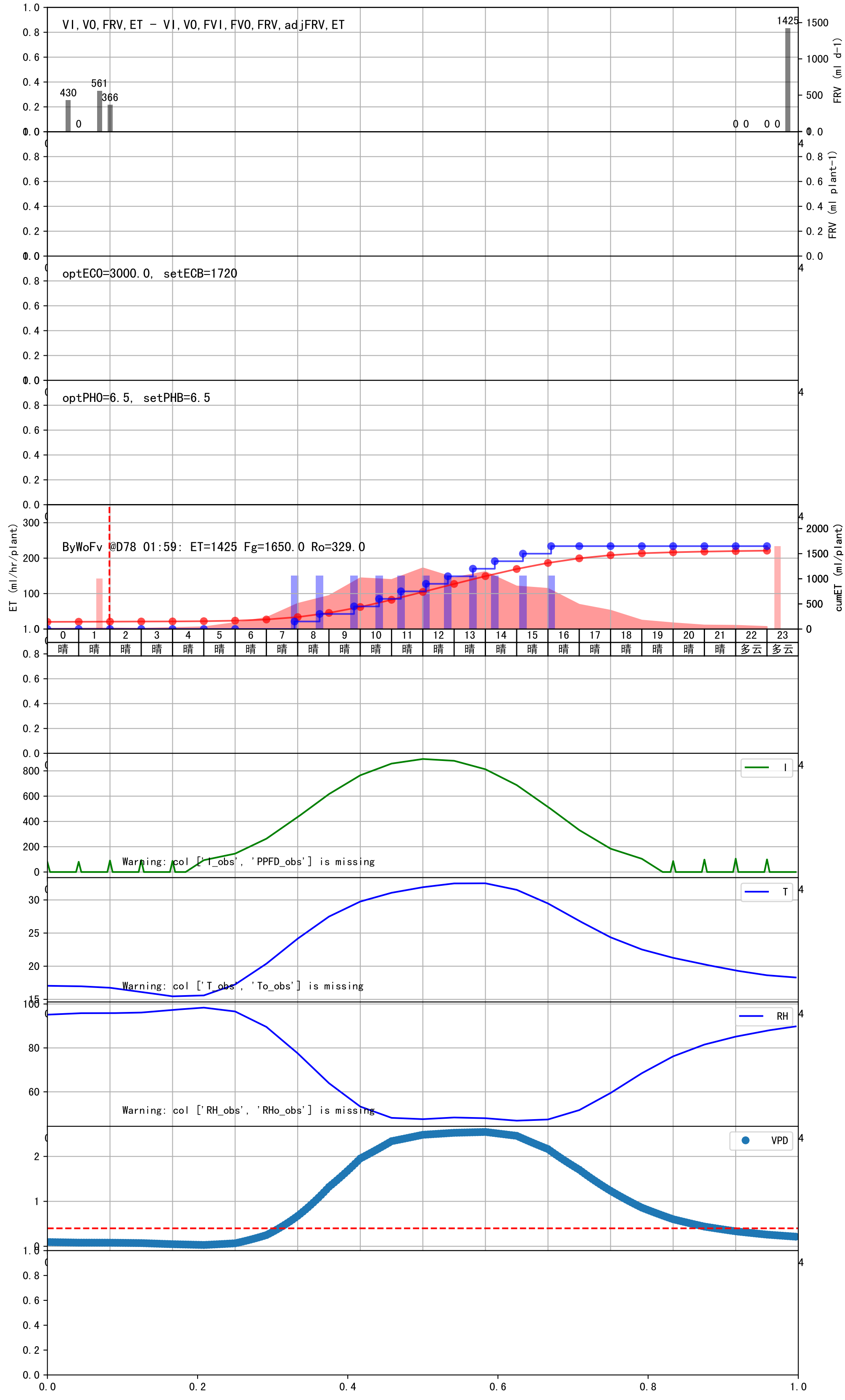


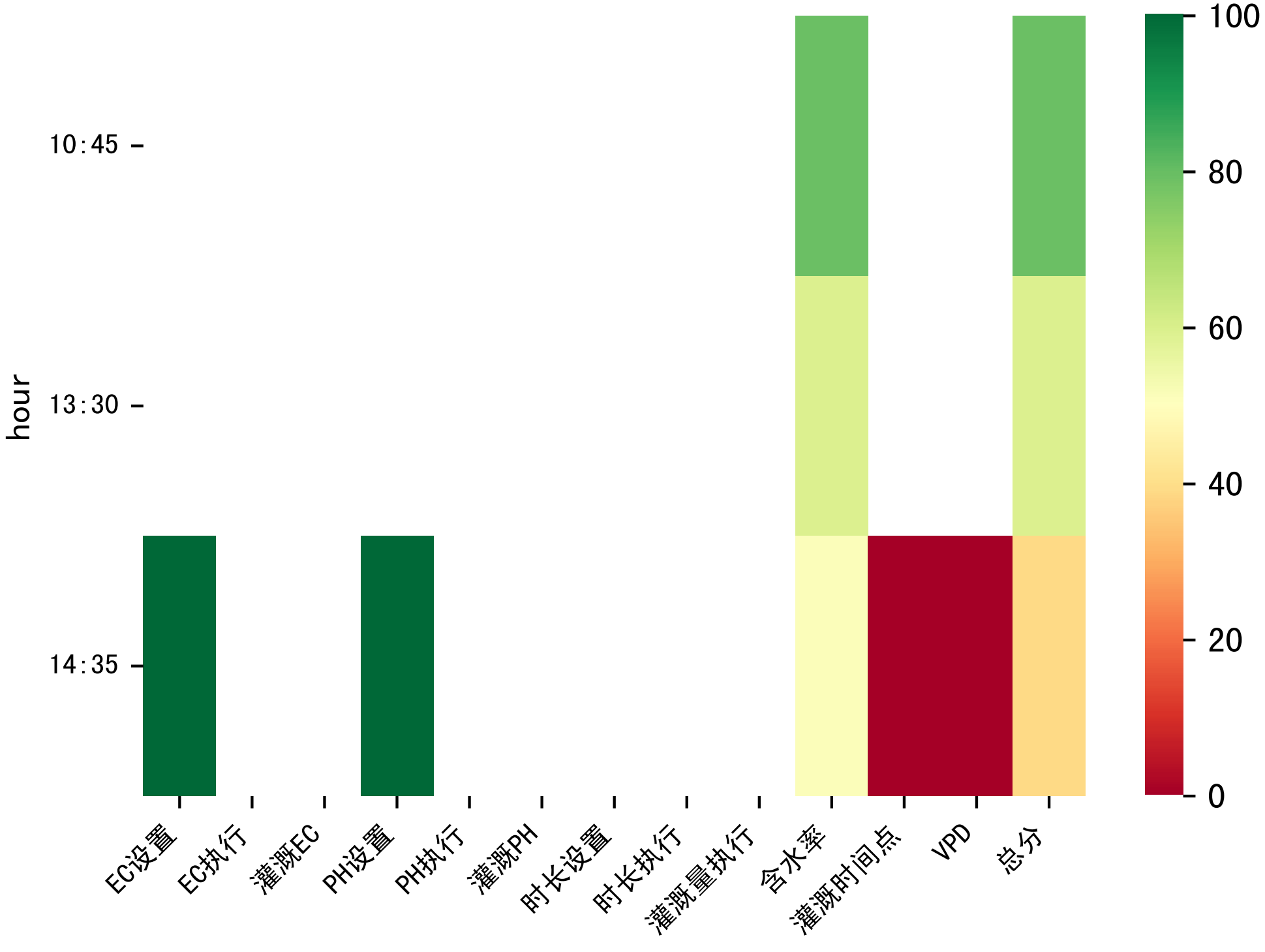



hour
7:50
7:55
8:40
9:45
10:35
11:20
12:05
12:50
13:35
14:20
15:10
16:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:55	300	150.0	2.888	晴	预期@07:55 未知程序（未用传感器）
08:40	300	150.0	2.888	晴	预期@08:40 未知程序（未用传感器）
09:45	300	150.0	2.888	晴	预期@09:45 未知程序（未用传感器）
10:35	300	150.0	2.888	晴	预期@10:35 未知程序（未用传感器）
11:20	300	150.0	2.888	晴	预期@11:20 未知程序（未用传感器）
12:05	300	150.0	2.888	晴	预期@12:05 未知程序（未用传感器）
12:50	300	150.0	2.888	晴	预期@12:50 未知程序（未用传感器）
13:35	300	150.0	2.888	晴	预期@13:35 未知程序（未用传感器）
14:20	300	150.0	2.888	晴	预期@14:20 未知程序（未用传感器）
15:10	300	150.0	2.888	晴	预期@15:10 未知程序（未用传感器）
16:05	300	150.0	2.888	晴	预期@16:05 未知程序（未用传感器）
总计	3300.0 (11次)	1650.0			建议进液EC：1720， PH：6.5

P3-13_0, Day=78 (2025-06-17)

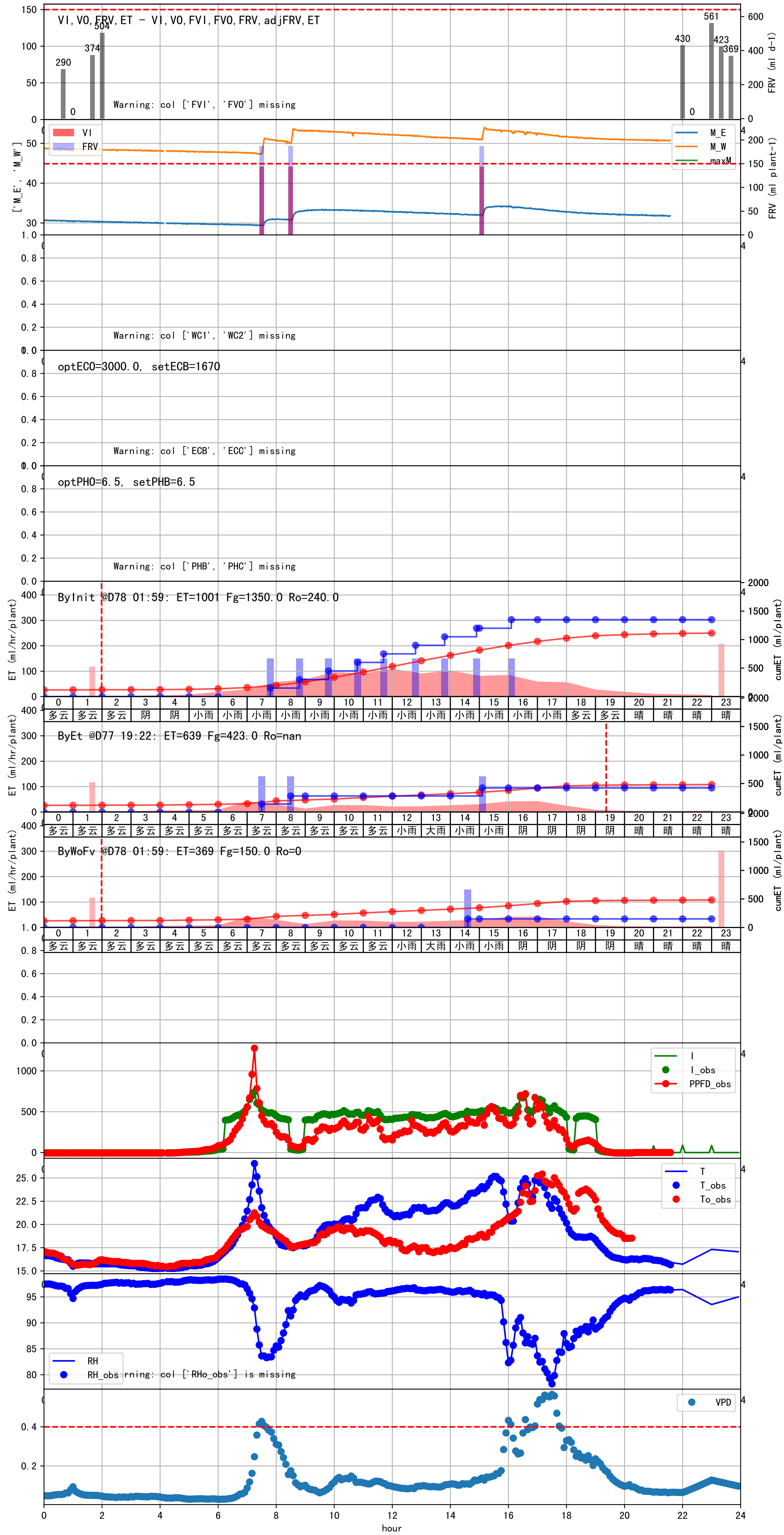


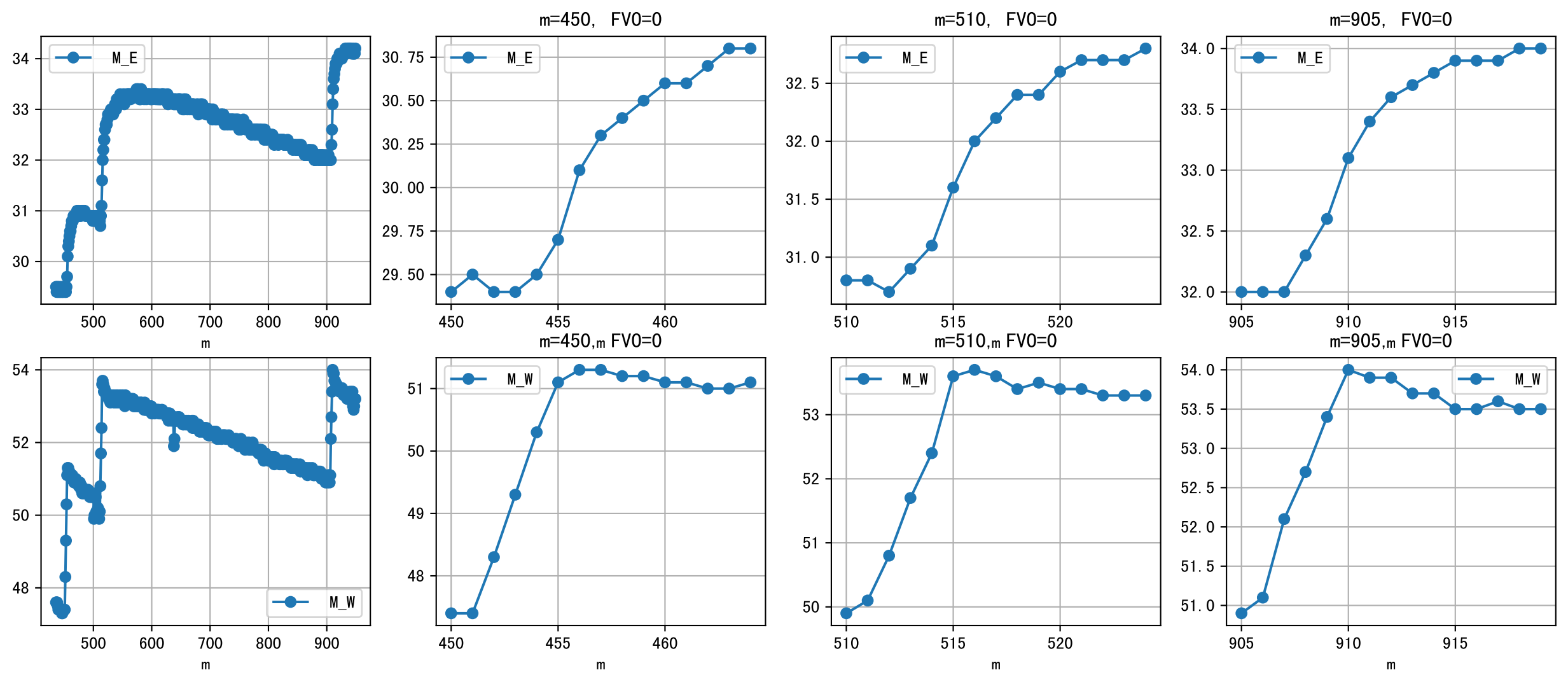

hour
10:45
13:30
14:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

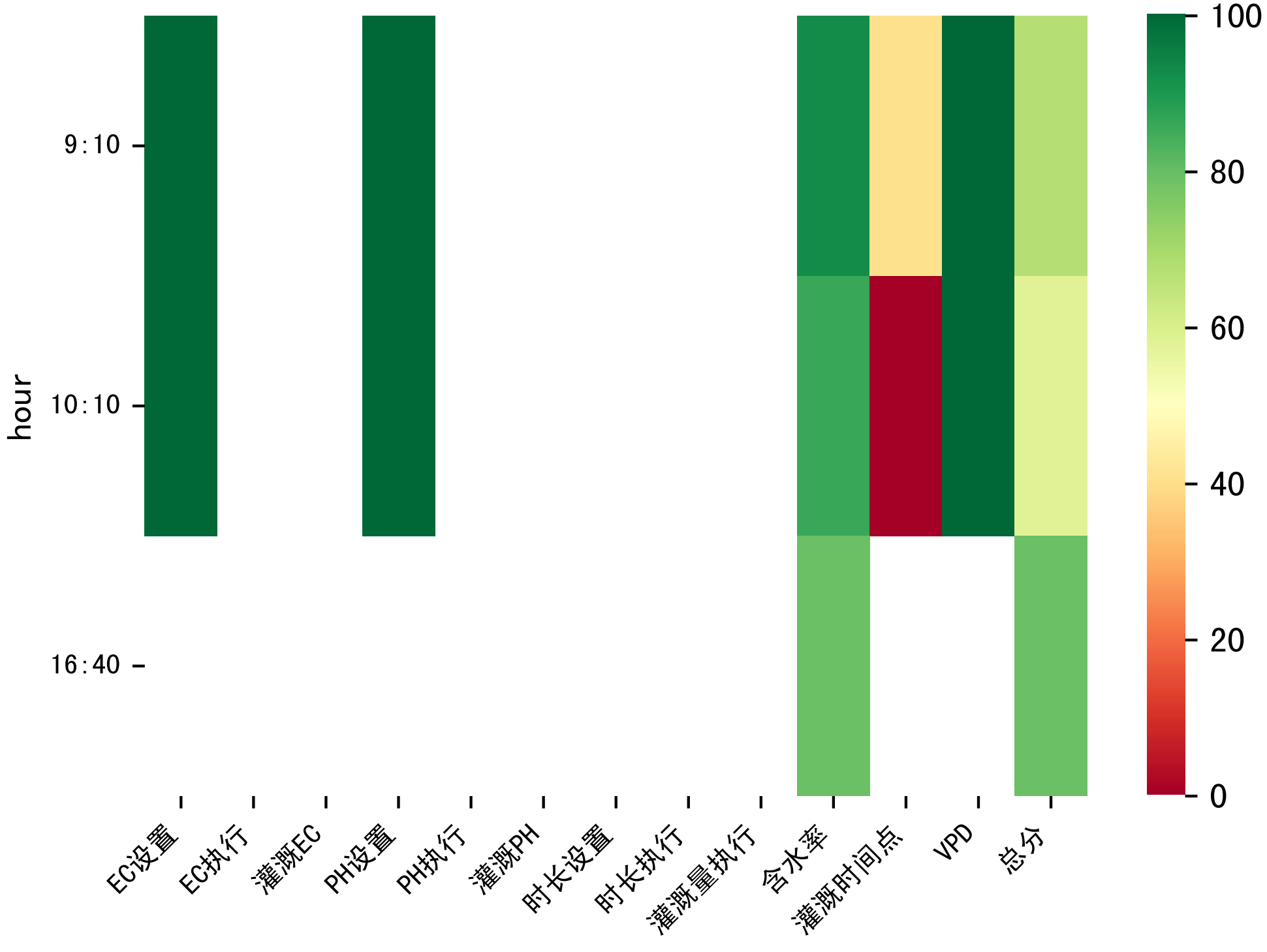
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
14:35	288	150.0	2.888	小雨	假设@14:35 自动（未用传感器）
总计	288.0 (1次)	150.0			建议进液EC：1670， PH：6.5

施肥机灌溉量与预期值不符 (187.0 : 141.0)，可能由于一阀多区不均匀
默认实际灌溉141.0 ml.

P3-13_0, Day=77 (2025-06-16)



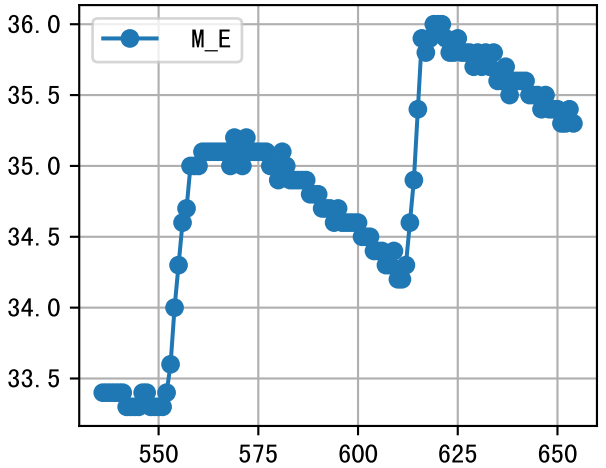

M_E
m
m=450, FV0=0
m=510, FV0=0
m=905, FV0=0
M_W
m=450,m FV0=0
m=510,m FV0=0
m=905,m FV0=0


hour
9:10
10:10
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

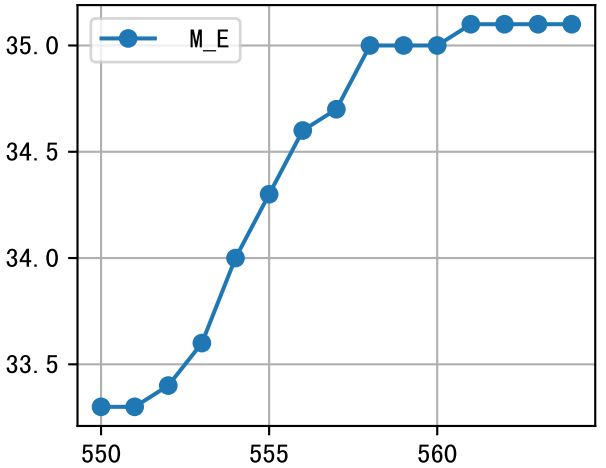
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:10	288	150.0	2.888	阴	假设@09:10 自动（未用传感器）
10:10	288	150.0	2.888	多云	假设@10:10 自动（未用传感器）
总计	576.0 (2次)	300.0			建议进液EC：1670， PH：6.5

施肥机灌溉量与预期值不符 (187.0 : 141.0)，可能由于一阀多区不均匀
默认实际灌溉141.0 ml.

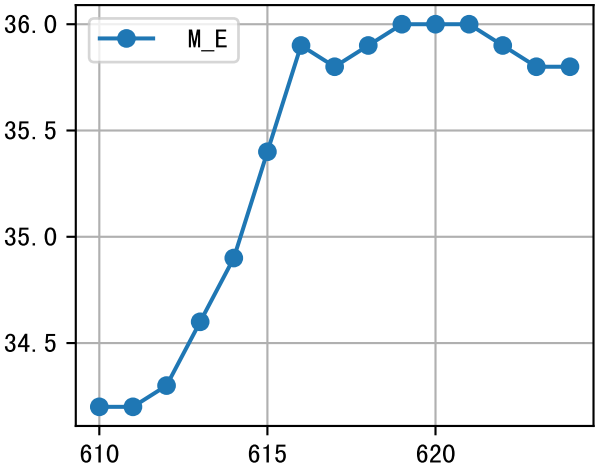
P3-13_0, Day=76 (2025-06-15)

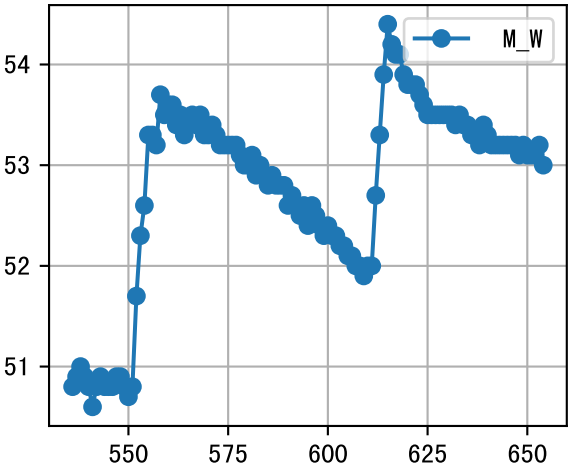


m=550, FV0=0

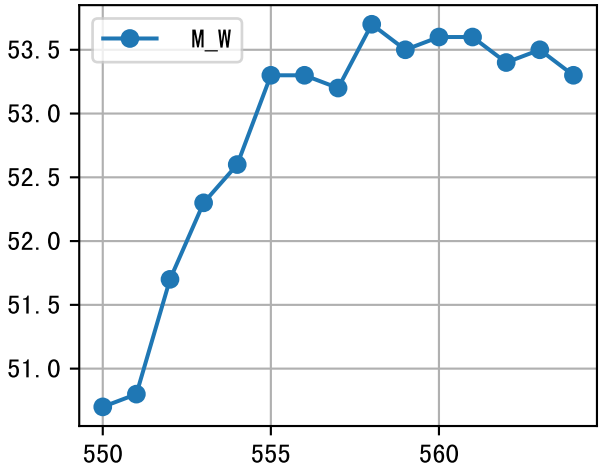


m=610, FV0=0

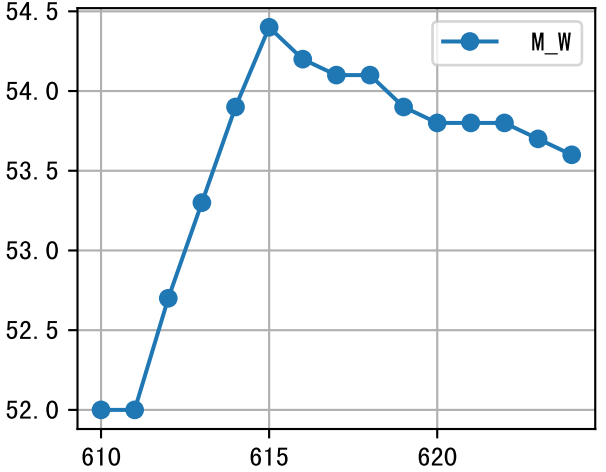


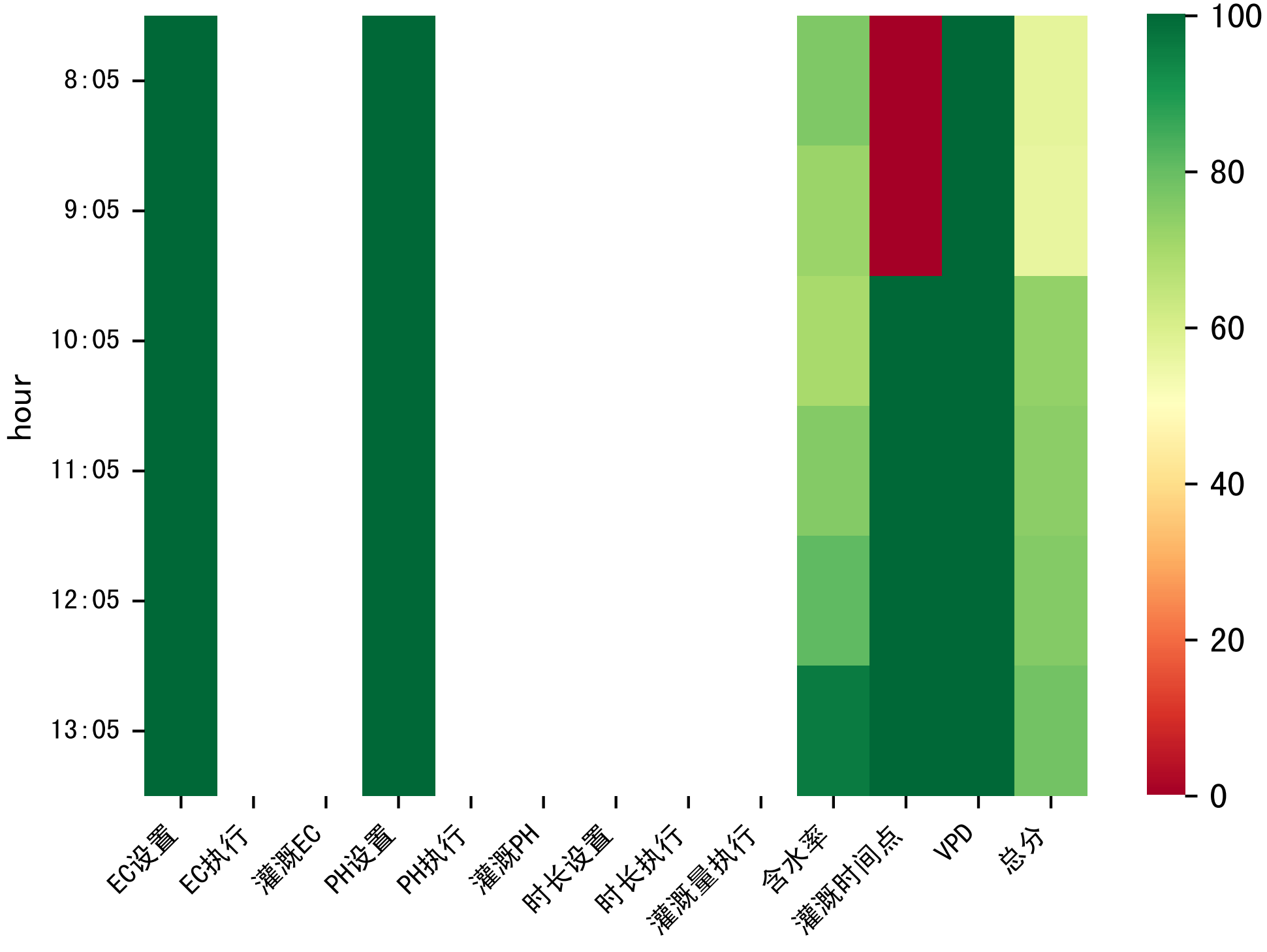


m=550,m FV0=0



m=610,m FV0=0

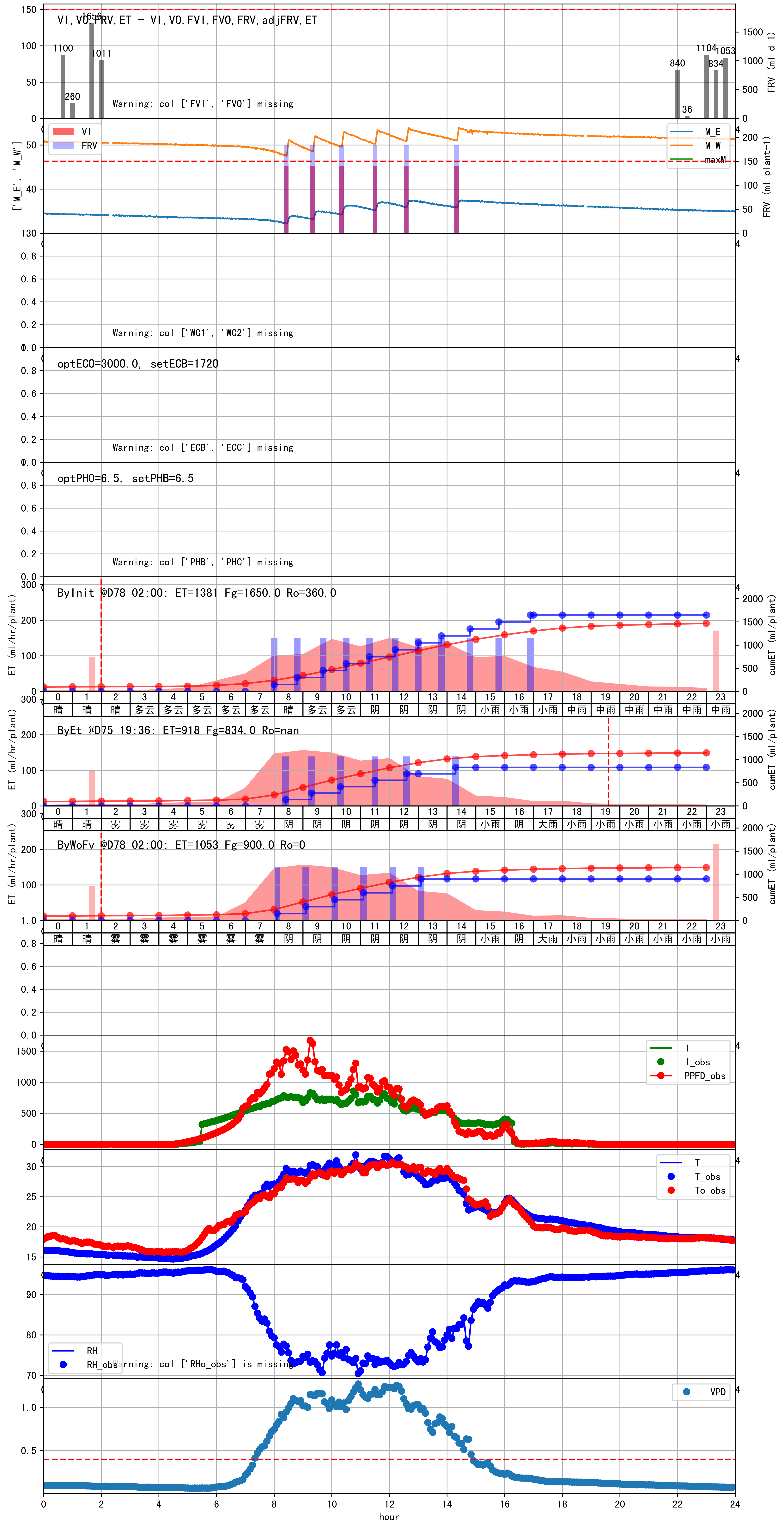


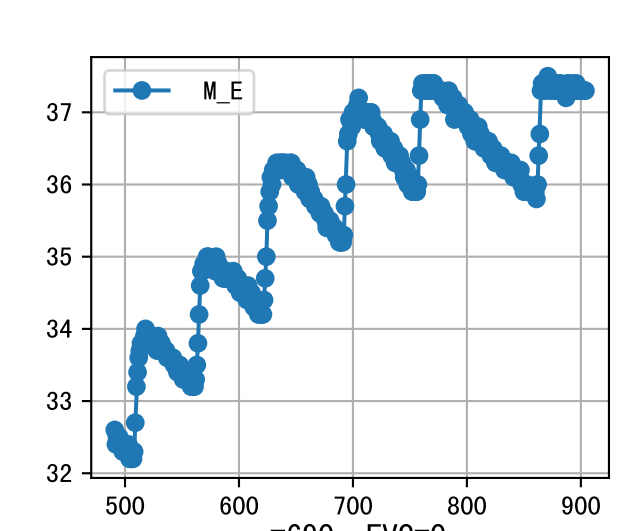

hour
8:05
9:05
10:05
11:05
12:05
13:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

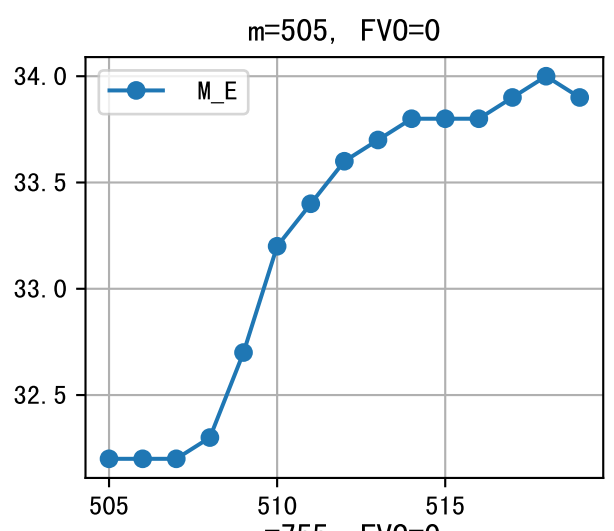
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:05	283	150.0	2.888	阴	假设@08:05 自动（未用传感器）
09:05	283	150.0	2.888	阴	假设@09:05 自动（未用传感器）
10:05	283	150.0	2.888	阴	假设@10:05 自动（未用传感器）
11:05	283	150.0	2.888	阴	假设@11:05 自动（未用传感器）
12:05	283	150.0	2.888	阴	假设@12:05 自动（未用传感器）
13:05	283	150.0	2.888	阴	假设@13:05 自动（未用传感器）
总计	1698.0 (6次)	900.0			建议进液EC：1720， PH：6.5

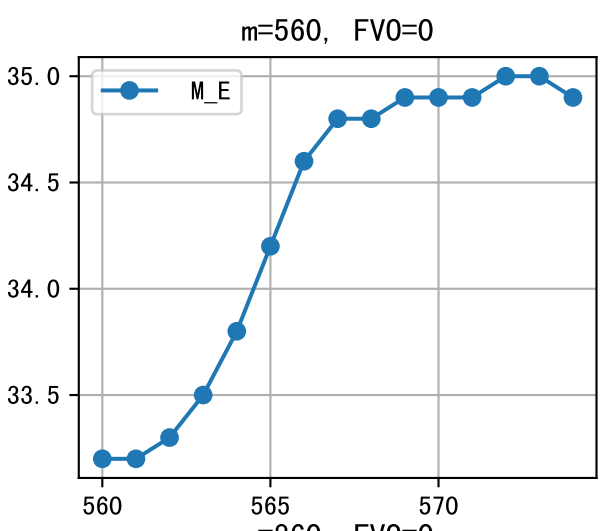
施肥机灌溉量与预期值不符 (184.0 : 139.0)，可能由于一阀多区不均匀
默认实际灌溉139.0 ml.

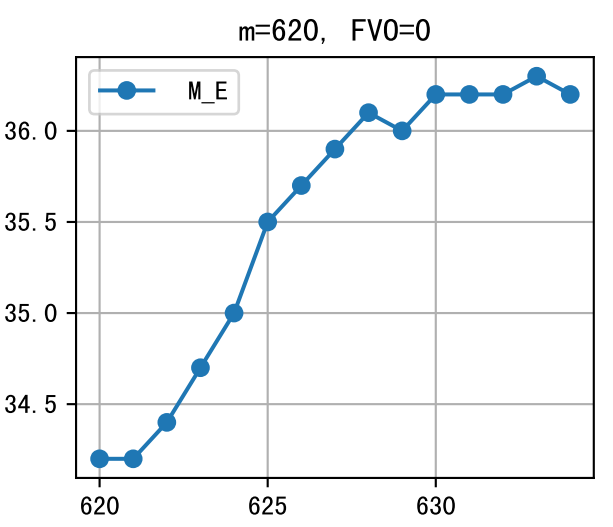
P3-13_0, Day=75 (2025-06-14)

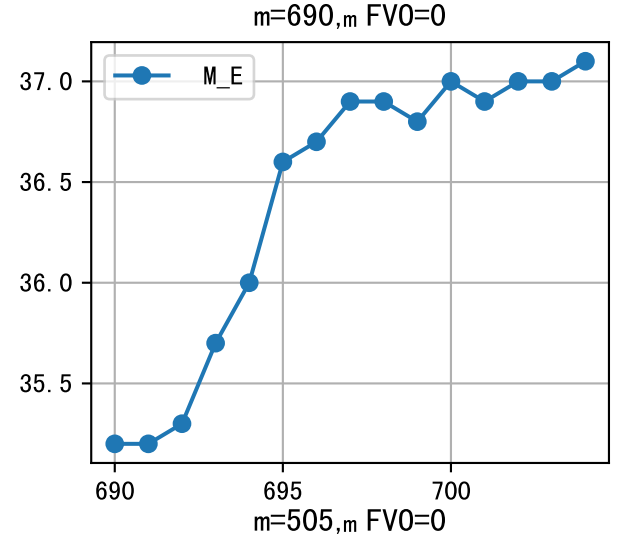


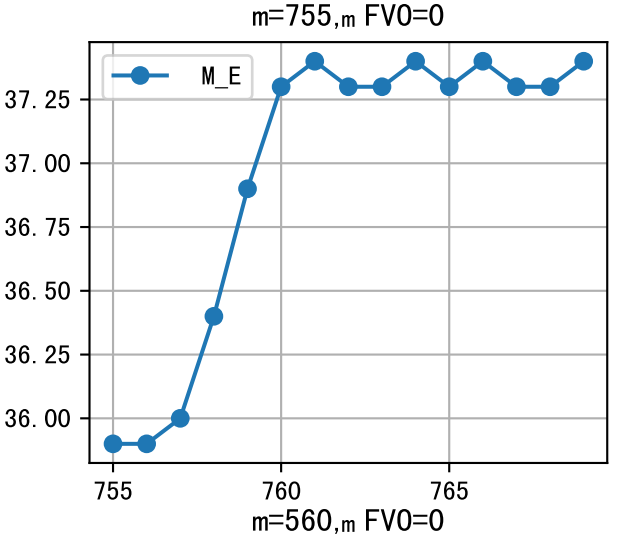

M_E

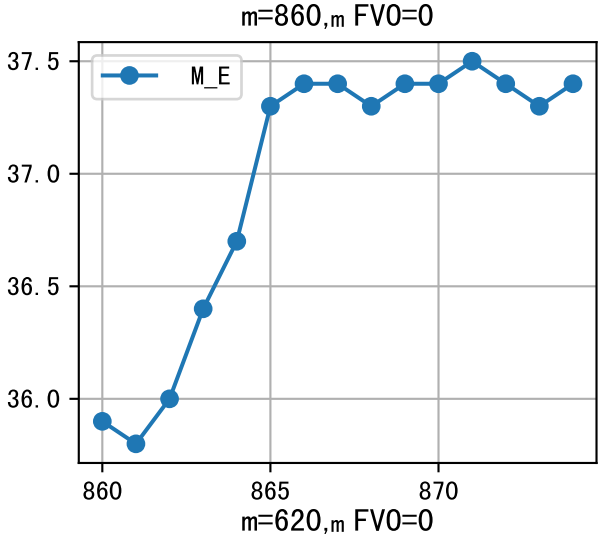

m=505, FV0=0
M_E

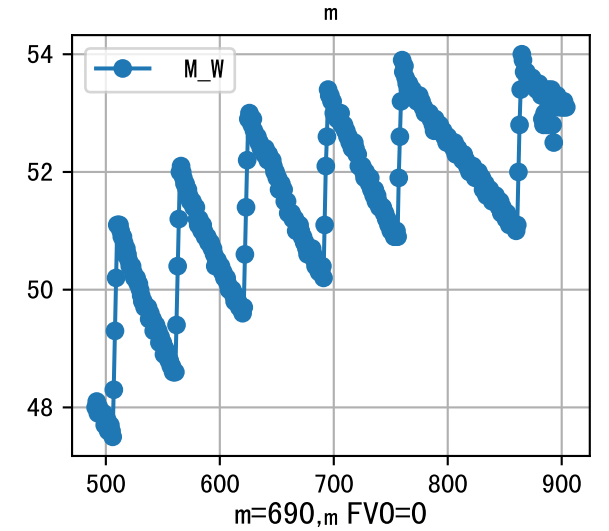

m=560, FV0=0
M_E

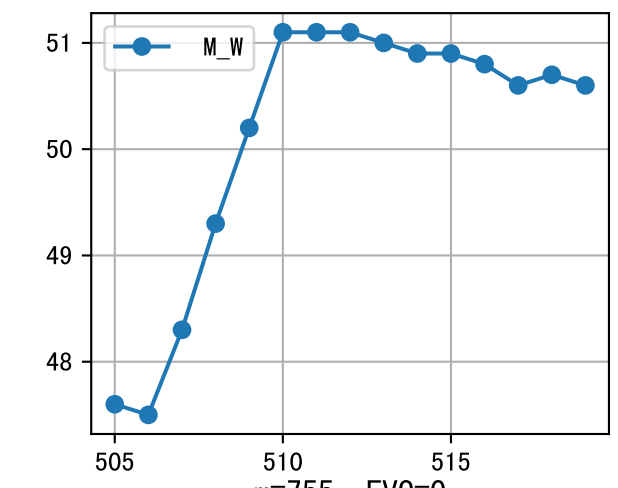

m=620, FV0=0
M_E

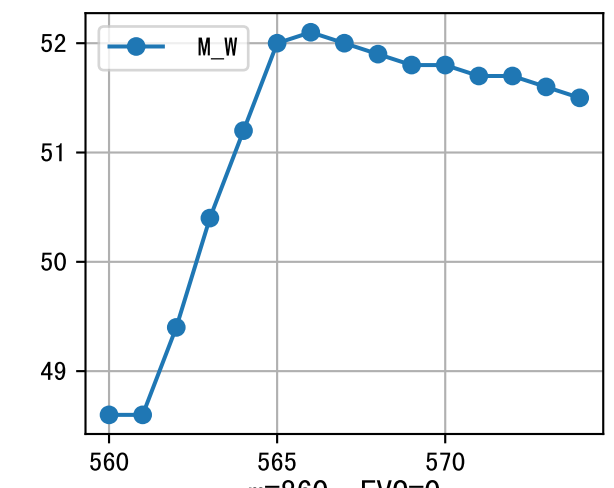

m=690,m FV0=0
M_E

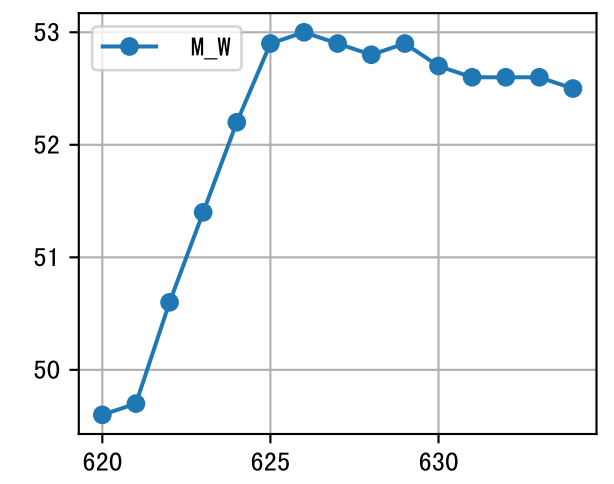

m=755,m FV0=0
M_E

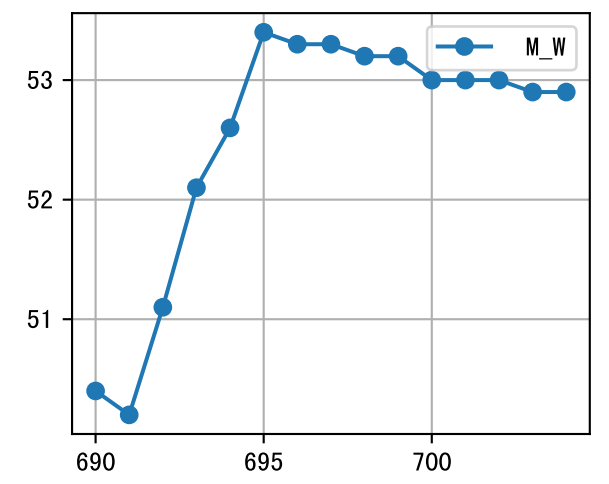

m=860,m FV0=0
M_E

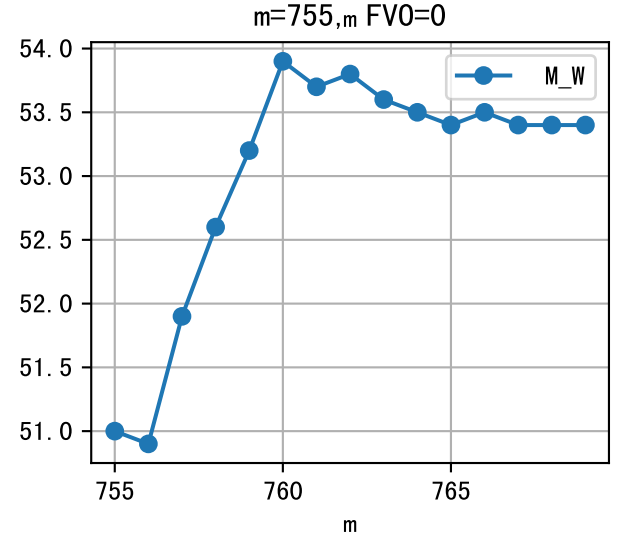

M_W
m
m=690,m FV0=0

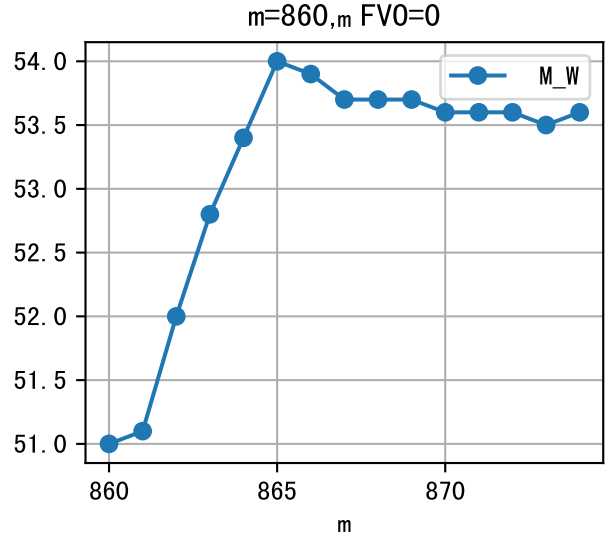

M_W
m=505,m FV0=0

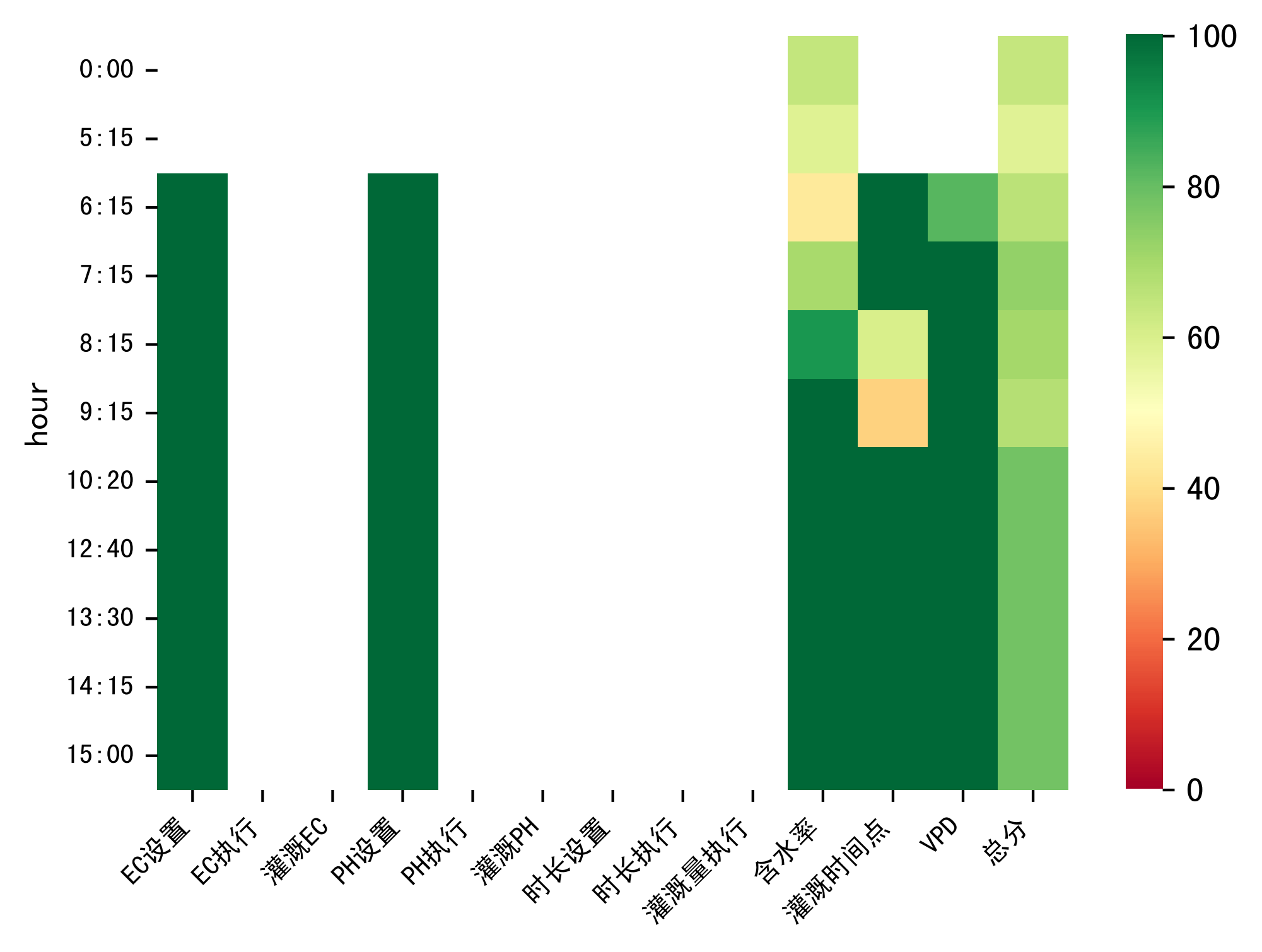

M_W
m=560,m FV0=0


M_W
m=620,m FV0=0
m


M_W
m=690,m FV0=0
m


M_W
m=755,m FV0=0
m

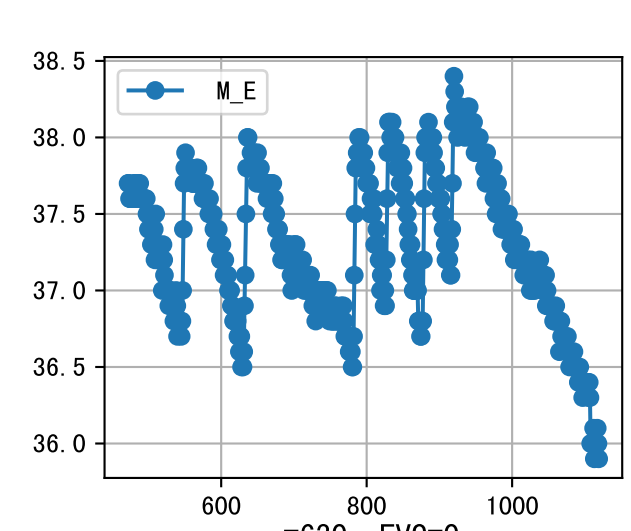

M_W
m=860,m FV0=0
m

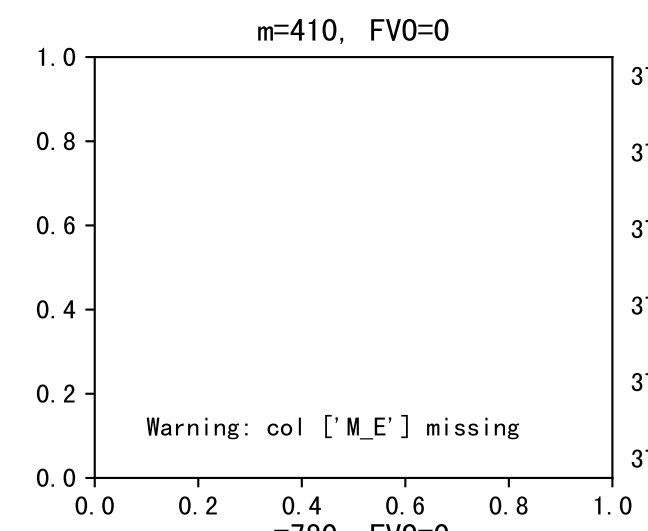

hour
0:00
5:15
6:15
7:15
8:15
9:15
10:20
12:40
13:30
14:15
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

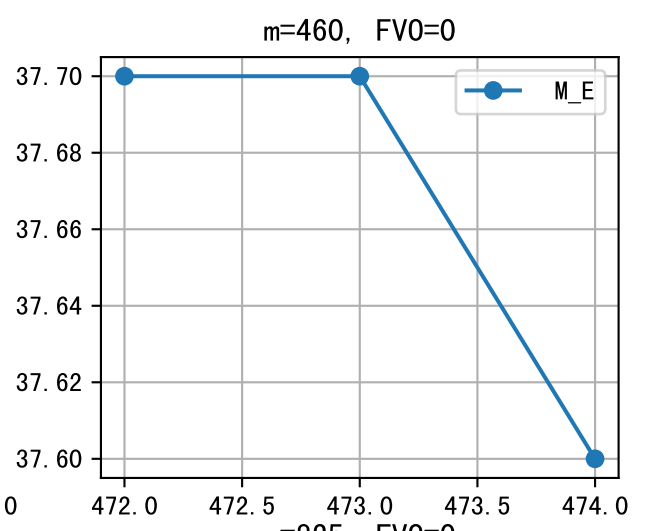
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
06:15	283	150.0	2.888	多云	假设@06:15 自动（未用传感器）
07:15	283	150.0	2.888	多云	假设@07:15 自动（未用传感器）
08:15	283	150.0	2.888	多云	假设@08:15 自动（未用传感器）
09:15	283	150.0	2.888	多云	假设@09:15 自动（未用传感器）
10:20	283	150.0	2.888	阴	假设@10:20 自动（未用传感器）
12:40	283	150.0	2.888	阴	假设@12:40 自动（未用传感器）
13:30	283	150.0	2.888	阴	假设@13:30 自动（未用传感器）
14:15	283	150.0	2.888	阴	假设@14:15 自动（未用传感器）
15:00	283	150.0	2.888	阴	假设@15:00 自动（未用传感器）
总计	2547.0 (9次)	1350.0			建议进液EC：1720， PH：6.5

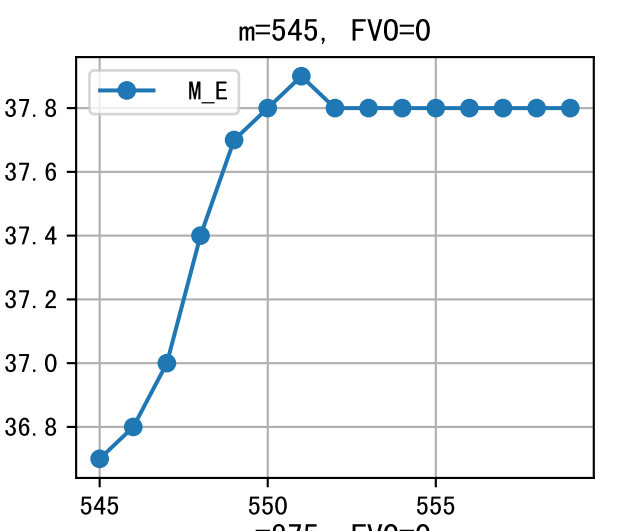
施肥机灌溉量与预期值不符 (184.0 : 142.0)，可能由于一阀多区不均匀
默认实际灌溉142.0 ml.

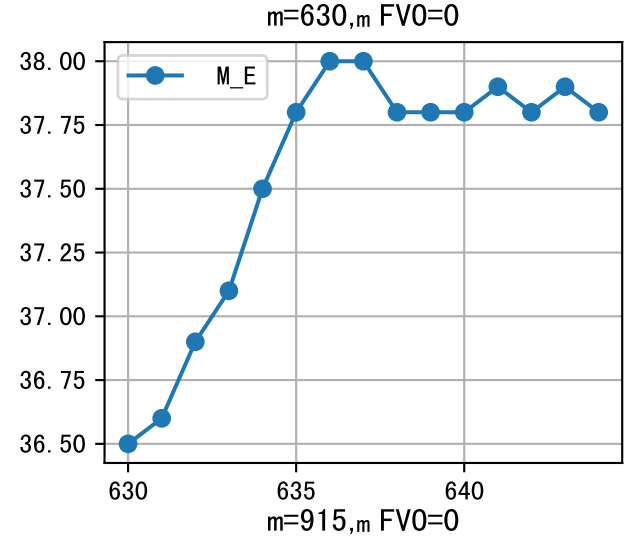
P3-13_0, Day=74 (2025-06-13)

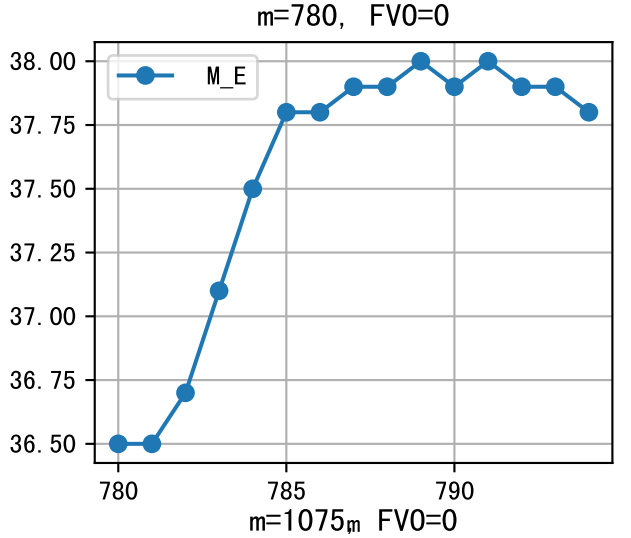

M_E

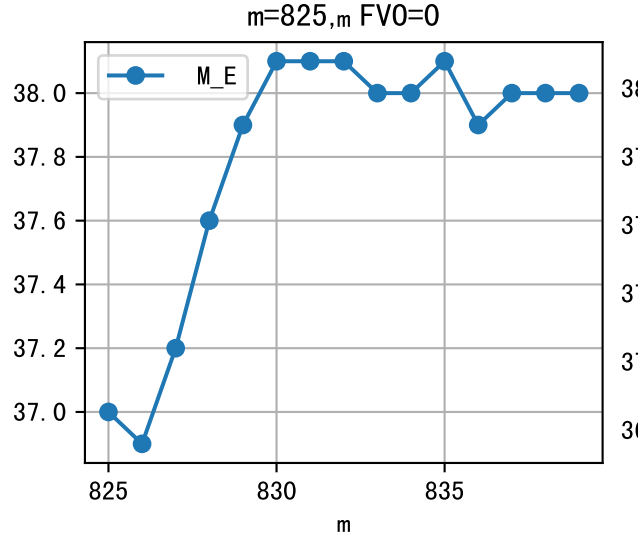

m=410, FV0=0
Warning: col ['M_E'] missing

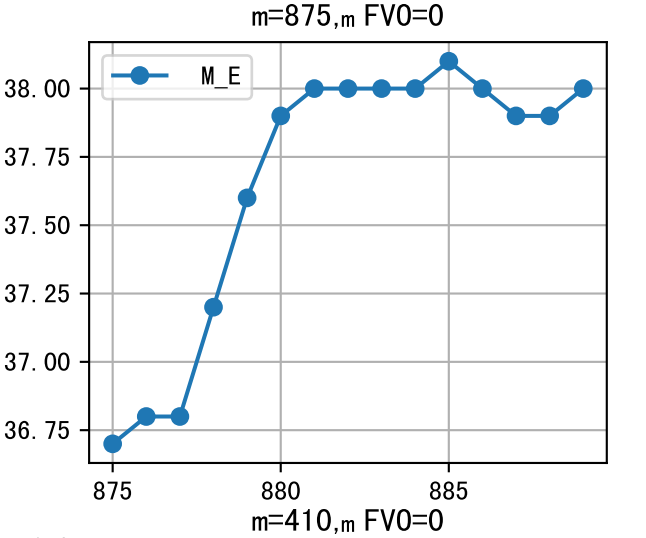

m=460, FV0=0
M_E

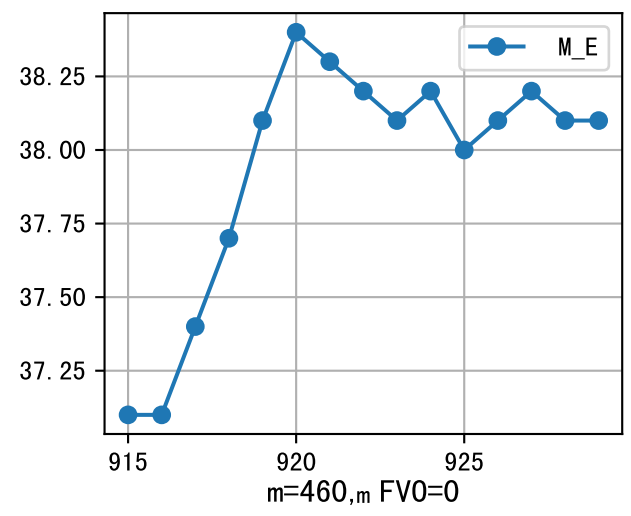

m=545, FV0=0
M_E

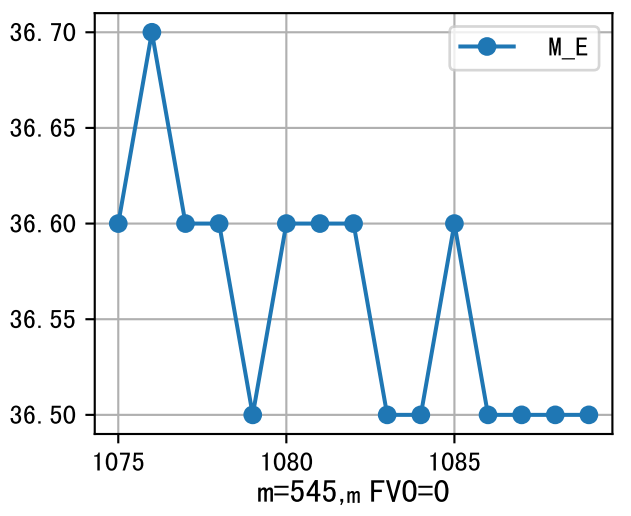

m=630,m FV0=0
M_E

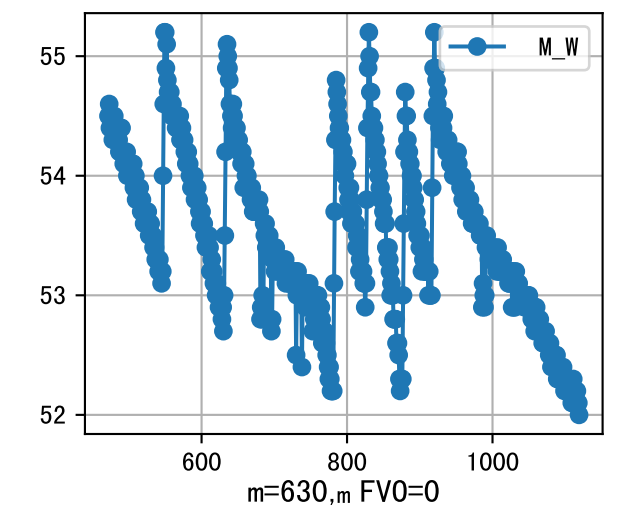

m=780, FV0=0
M_E

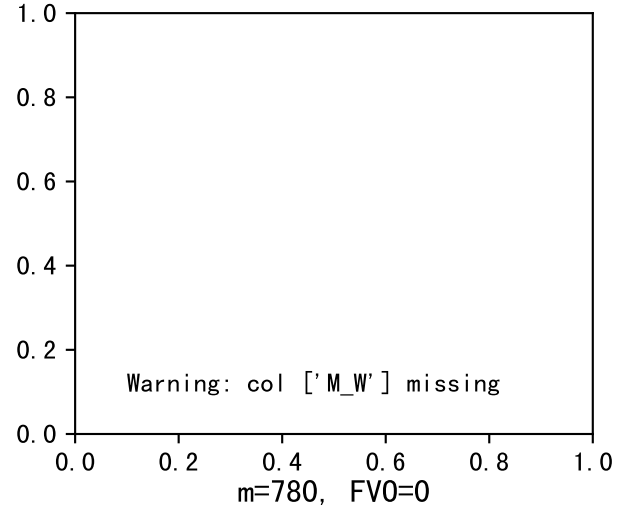

m=825,m FV0=0
M_E
m

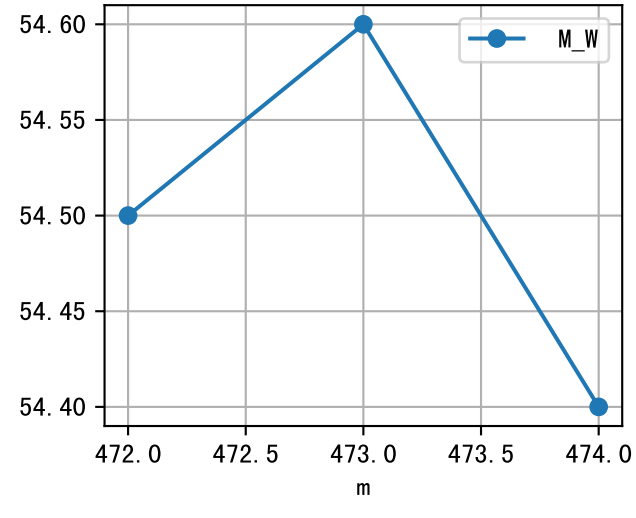

m=875,m FV0=0
M_E


m=915,m FV0=0
M_E


m=1075m FV0=0
M_E


m=460,m FV0=0
M_W


m=545,m FV0=0
Warning: col ['M_W'] missing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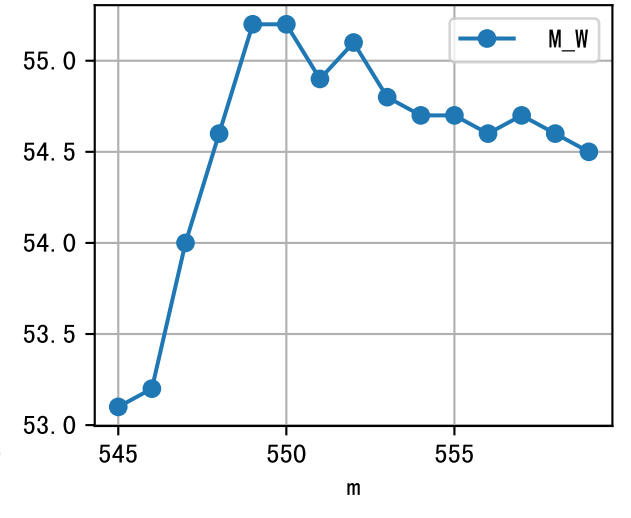
M_W
m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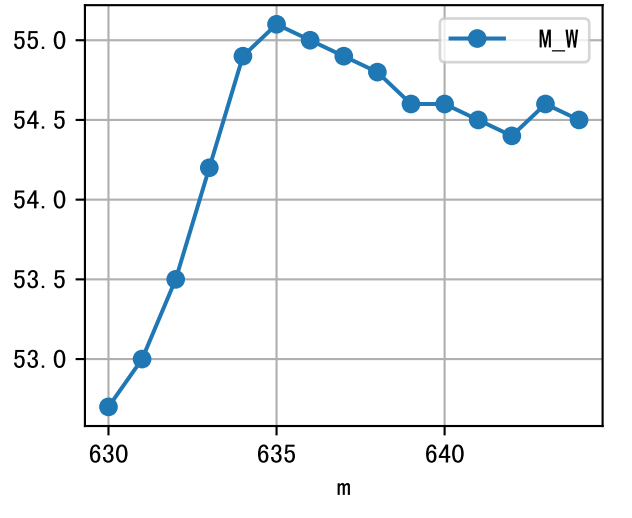
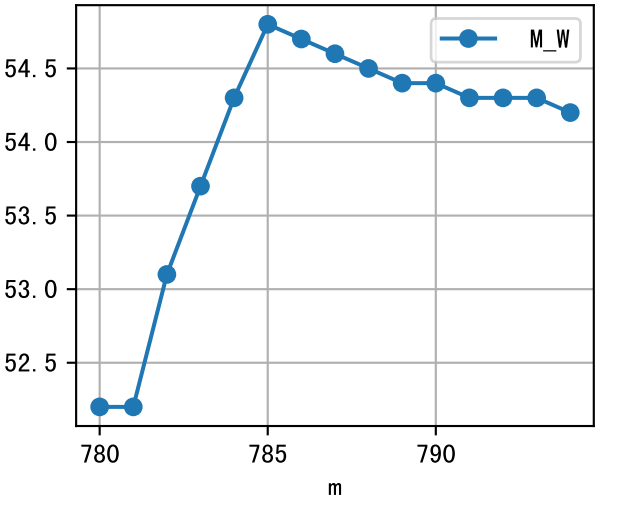
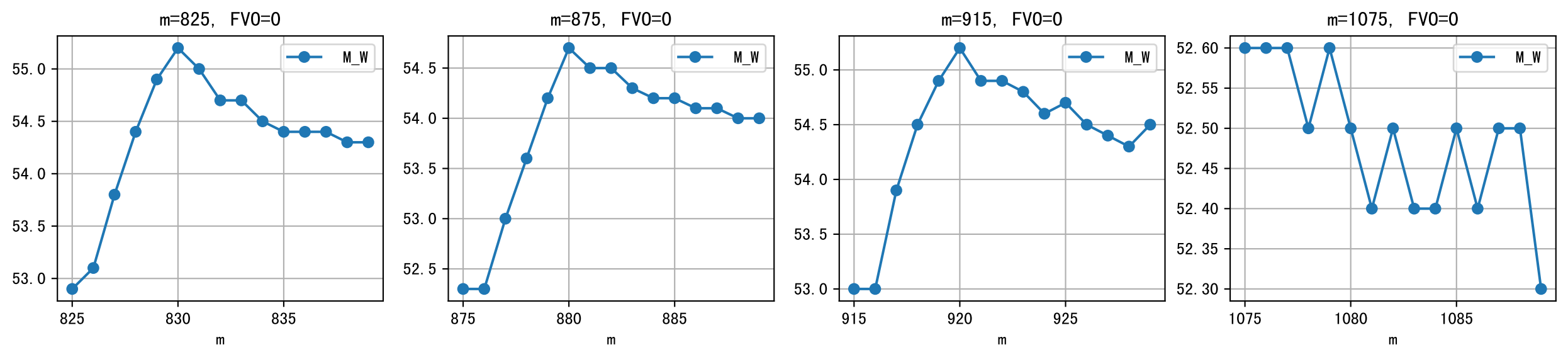
m


M_W
m


M_W
m


m=825, FV0=0
m=875, FV0=0
m=915, FV0=0
m=1075, FV0=0
M_W
m