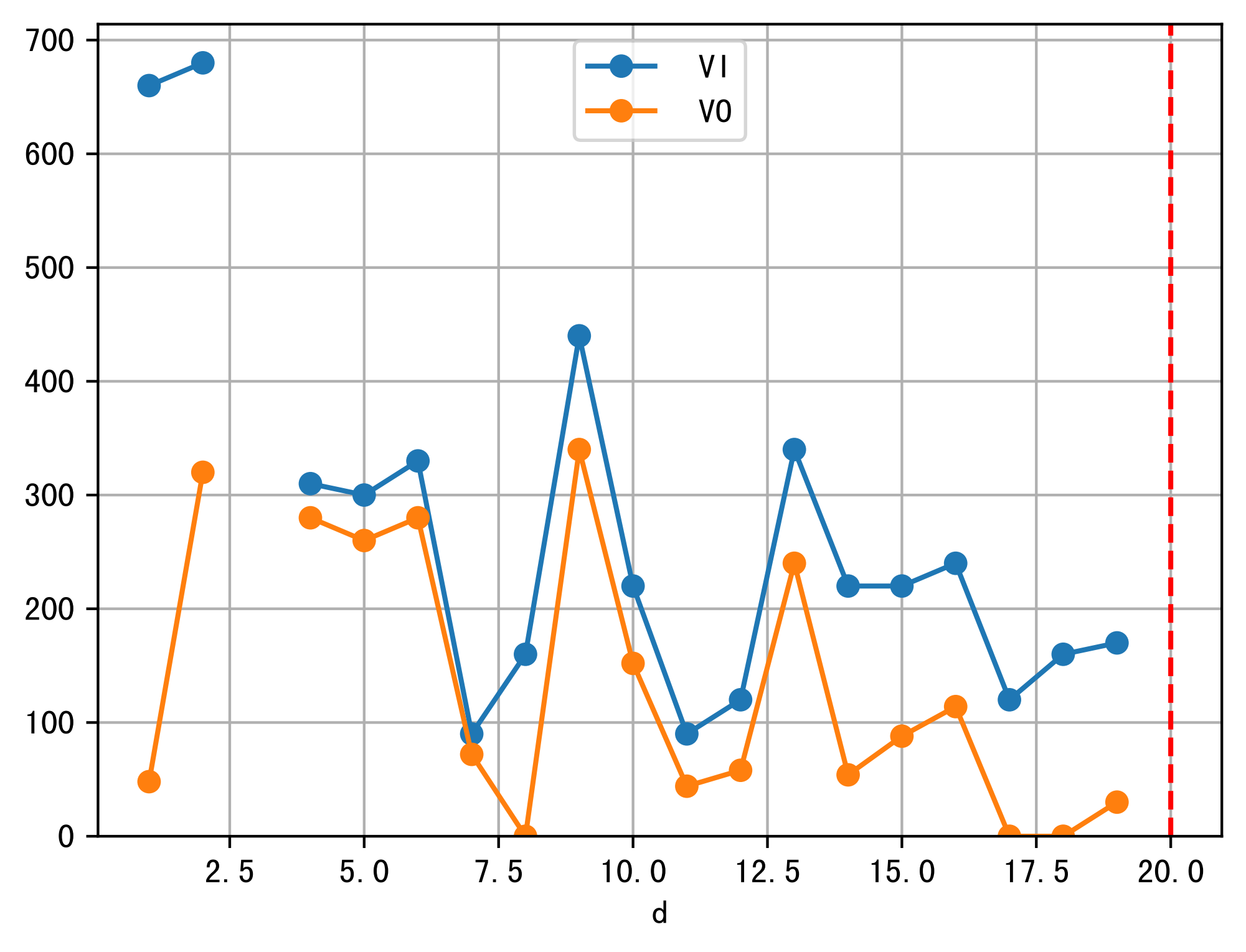
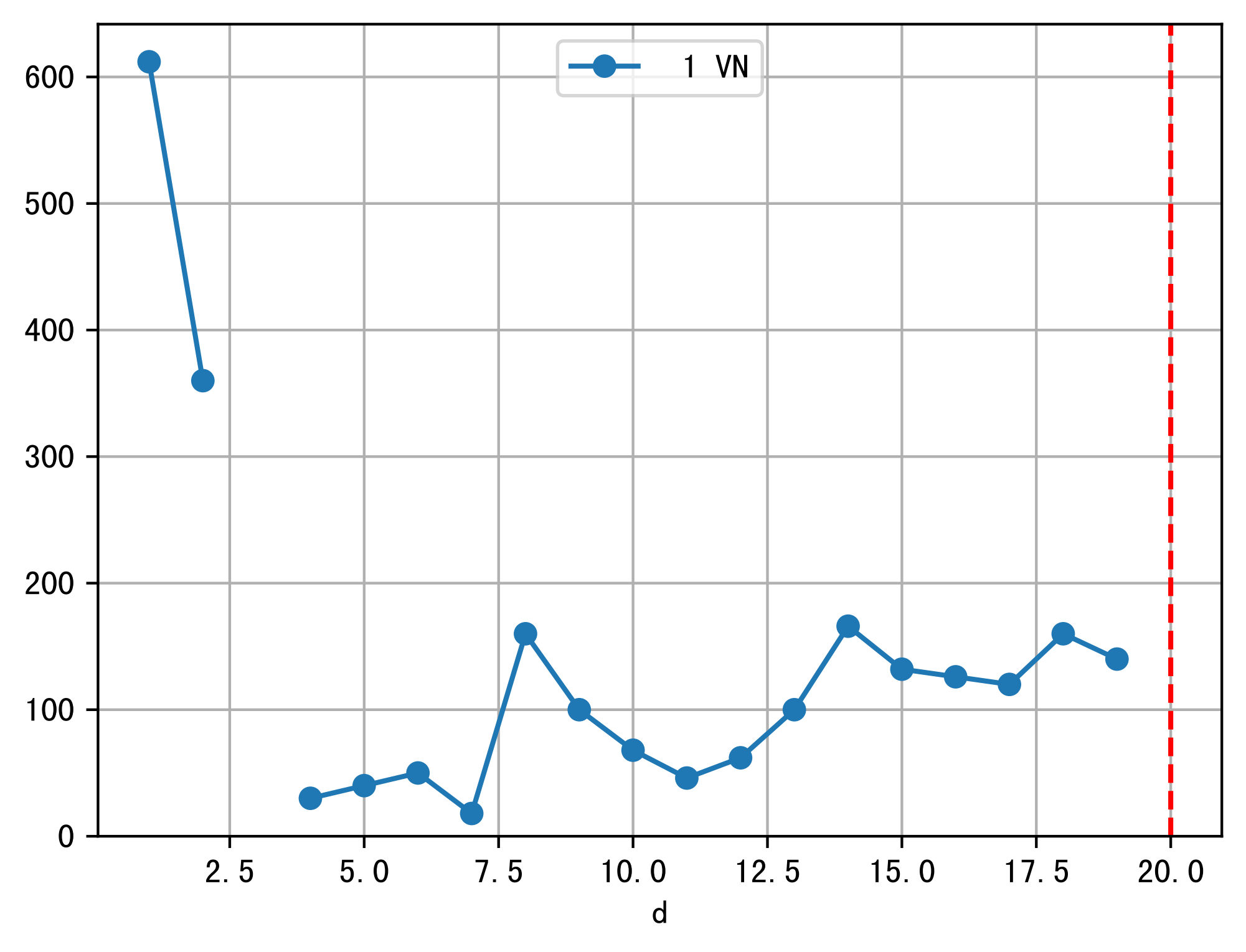
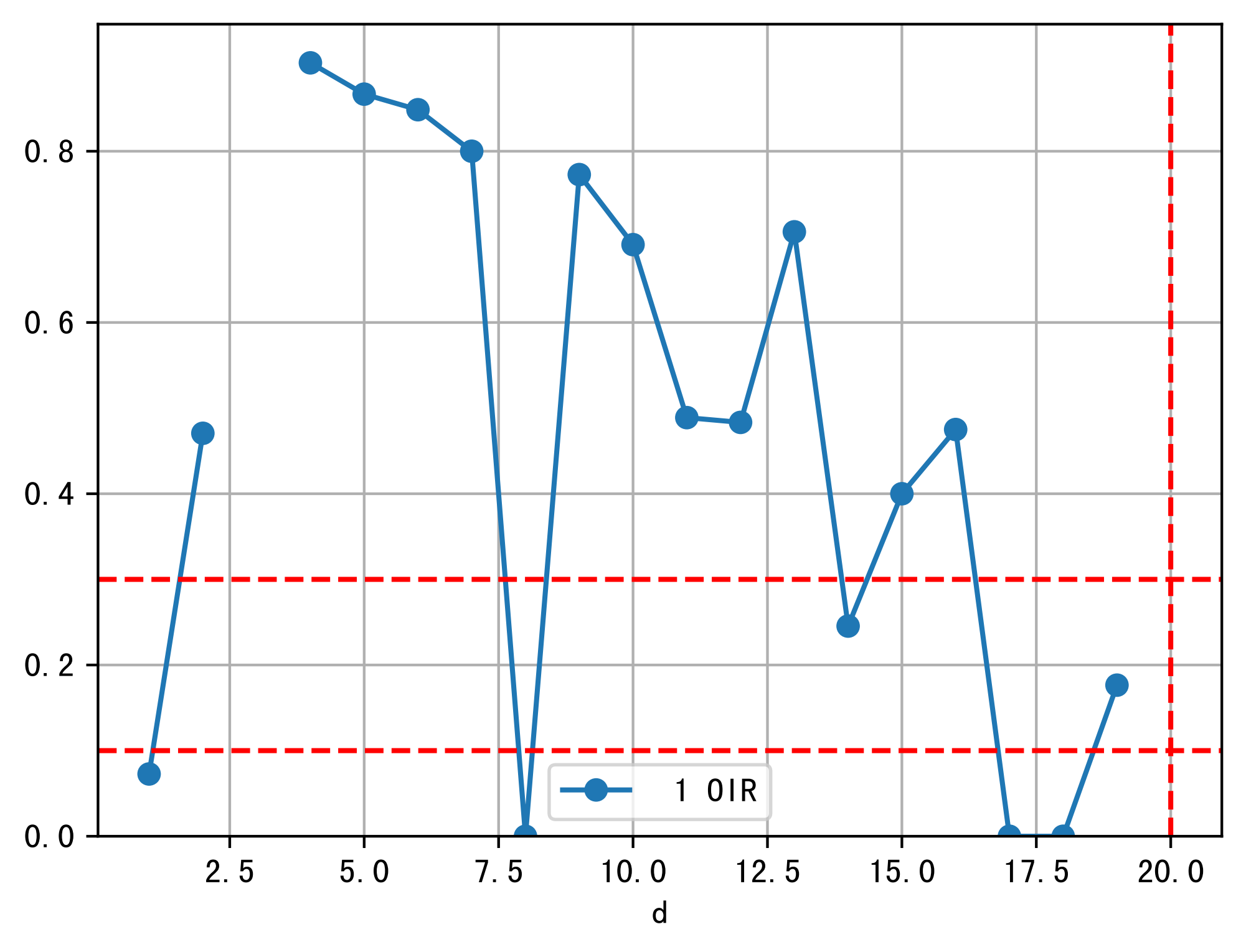
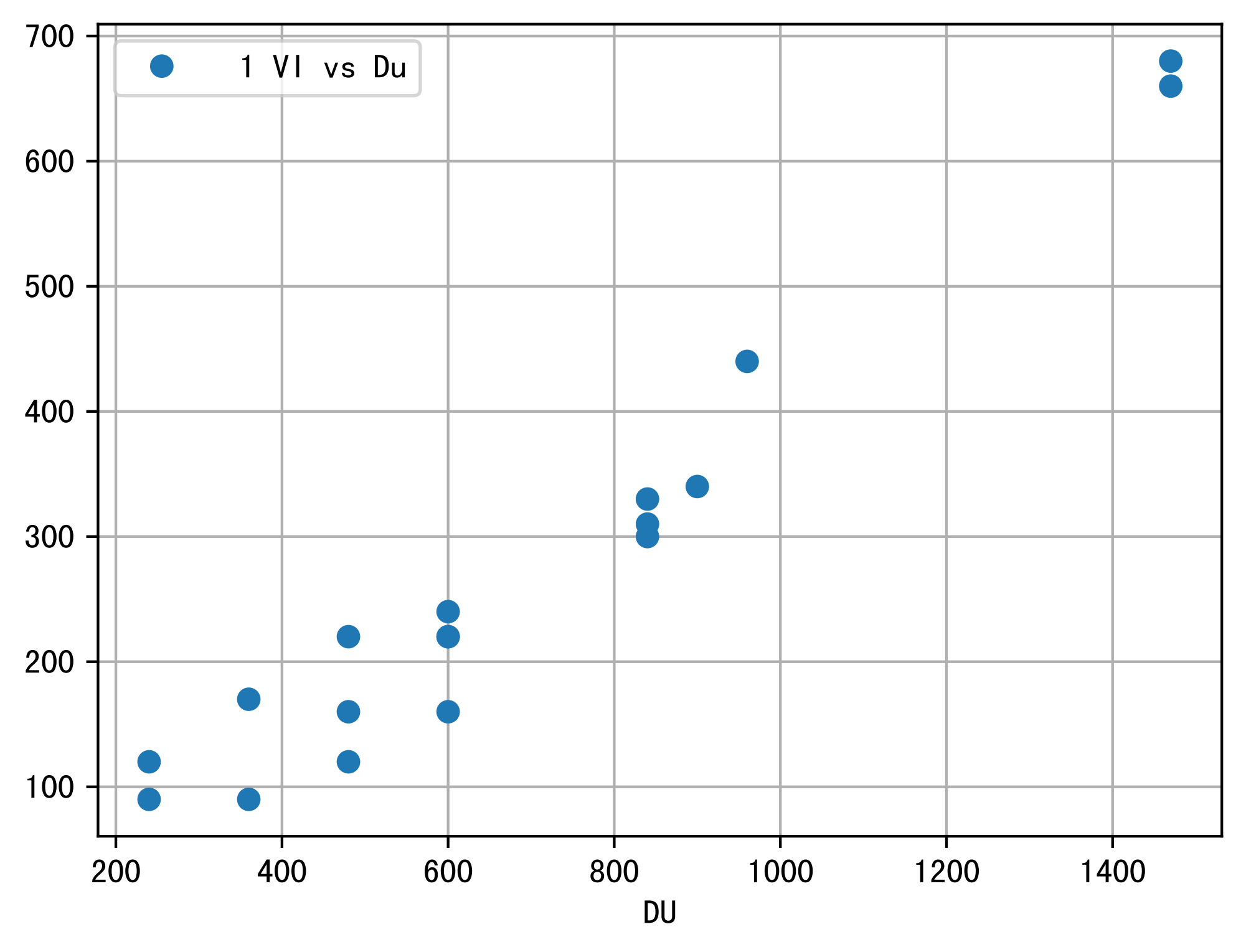
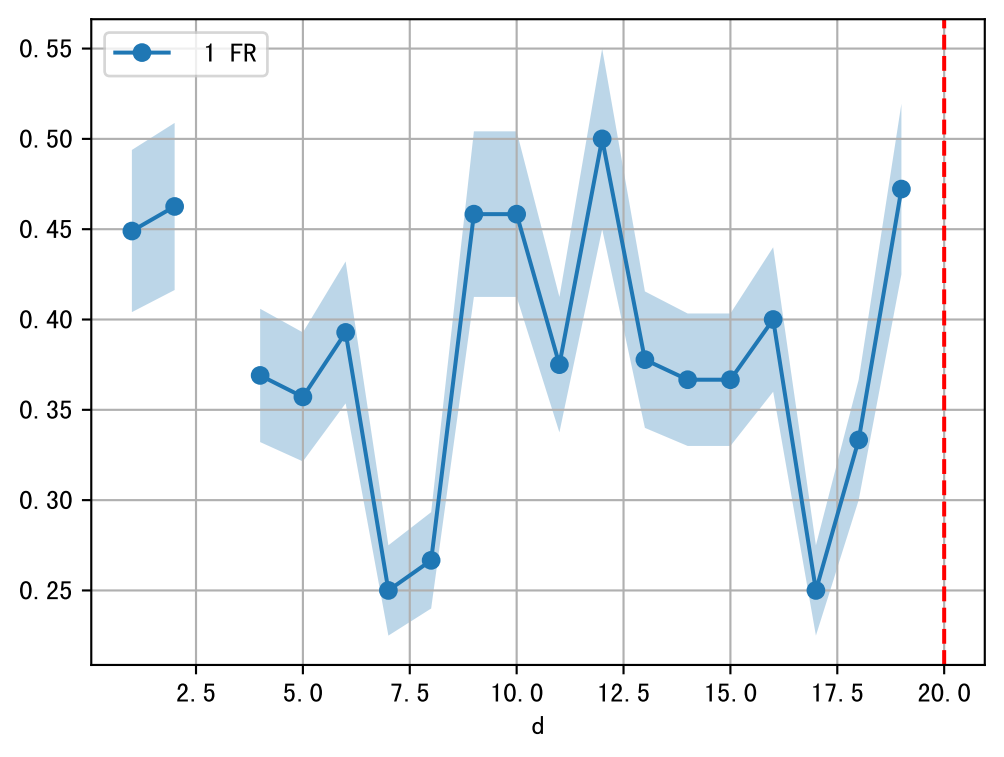
FgArea: ['0']
NC11 P3-11
2025-04-22 (Day 20)

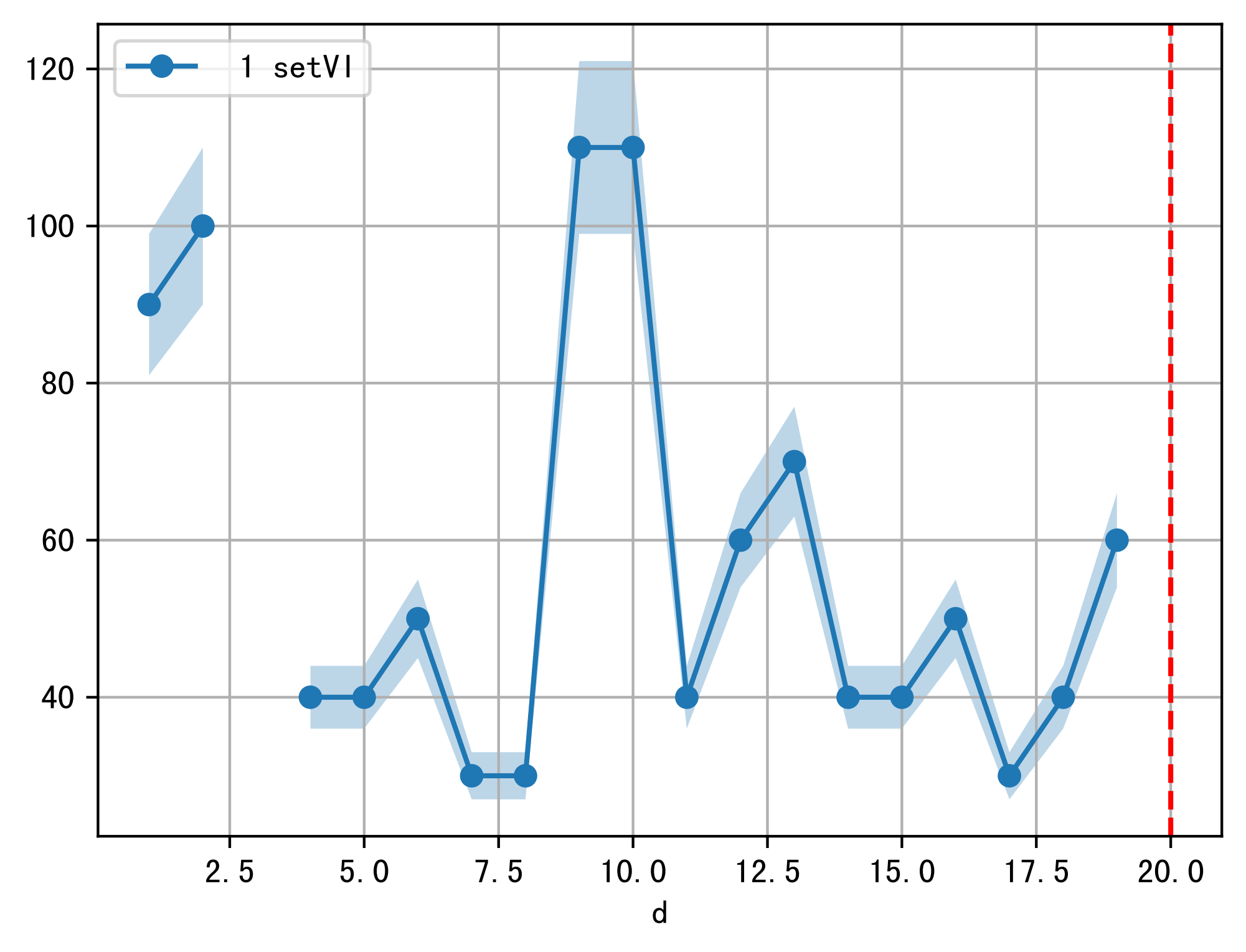

VI
V0
700
600
500
400
300
200
100
0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

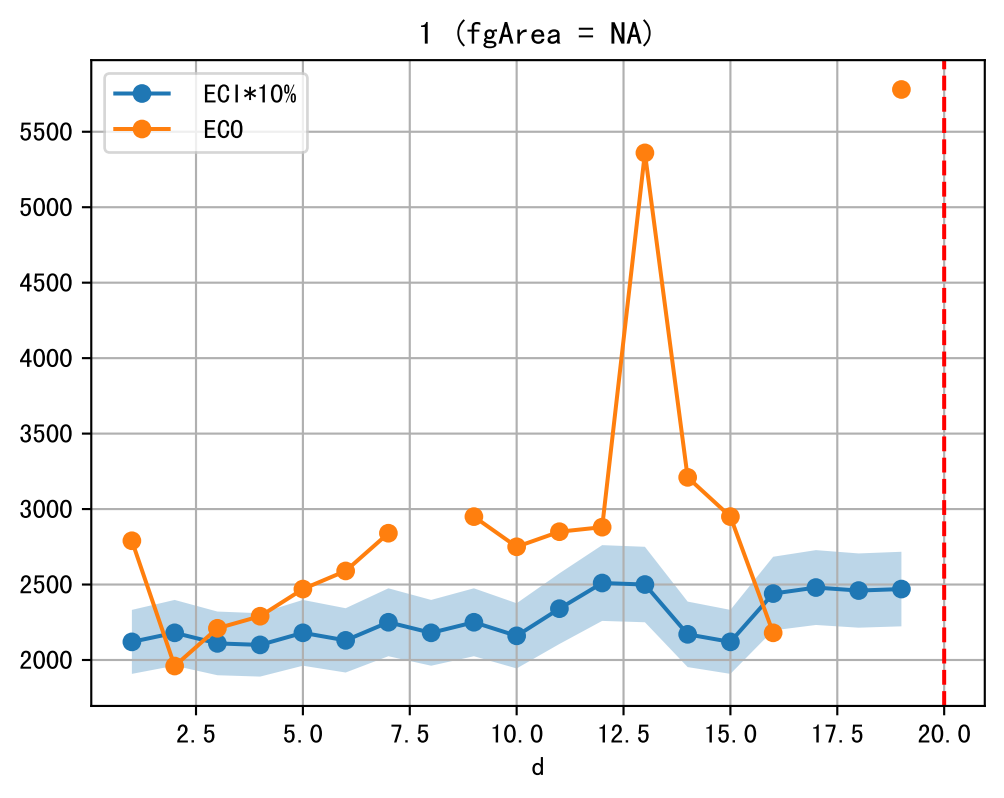

1 VN
600
500
400
300
200
100
0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

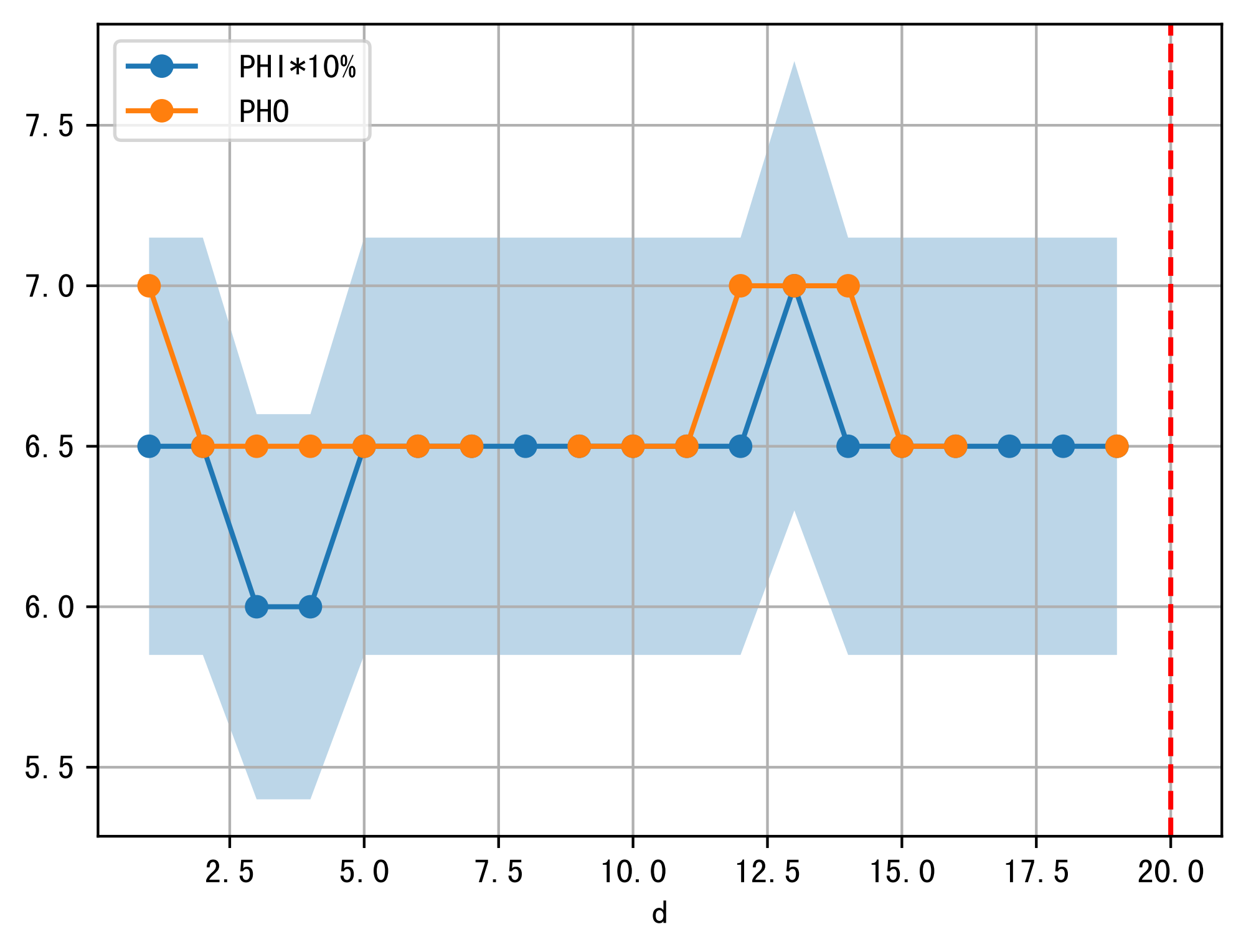

0.8
0.6
0.4
0.2
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d
1 0IR

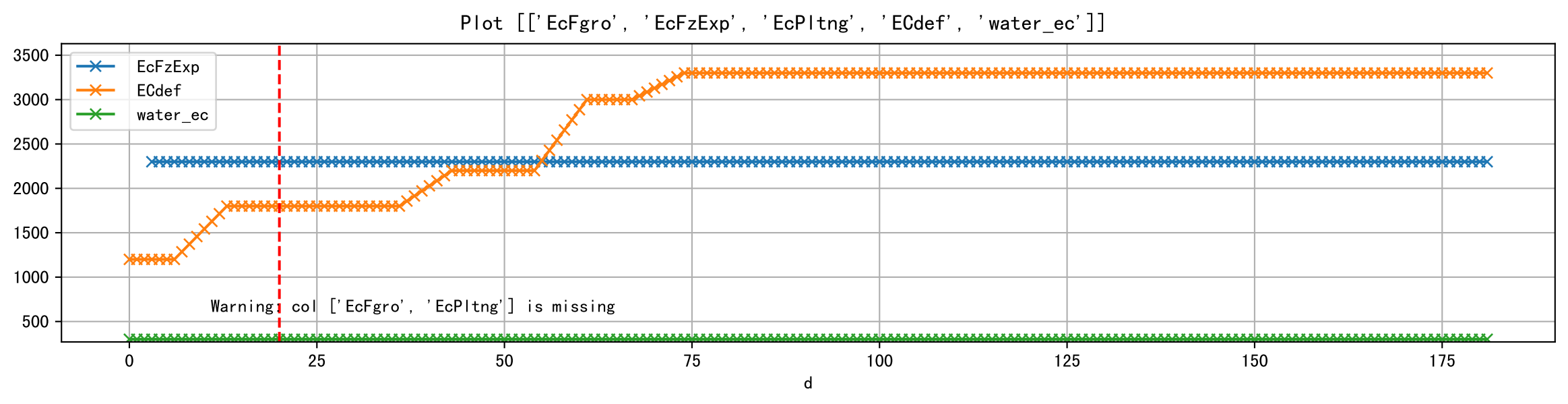

1 VI vs Du
700
600
500
400
300
200
100
200
400
600
800
1000
1200
1400
DU

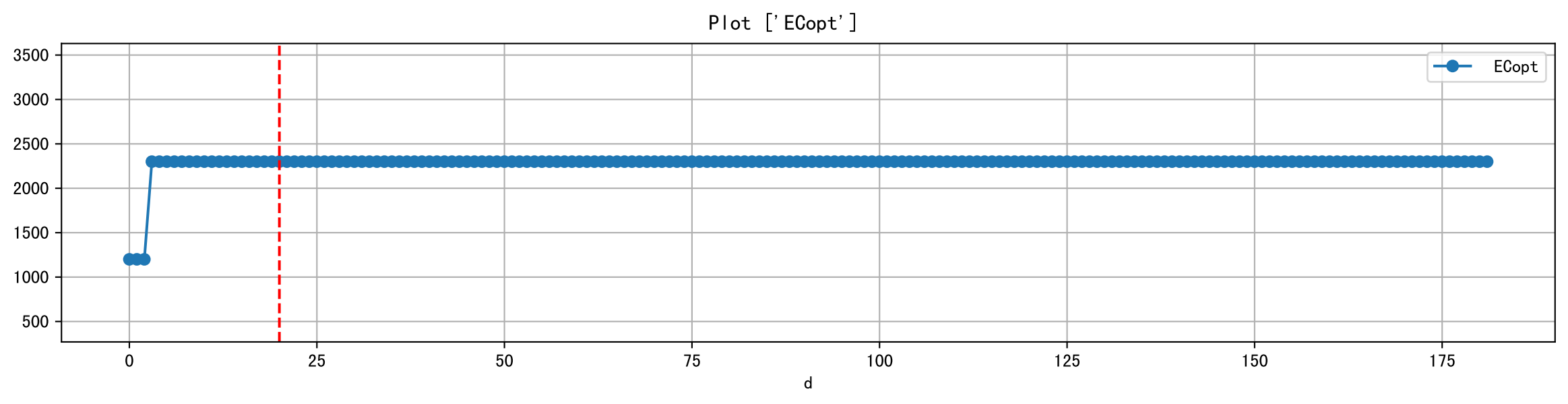

1 FR
0.55
0.50
0.45
0.40
0.35
0.30
0.25
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d


1 setVI
120
100
80
60
40
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

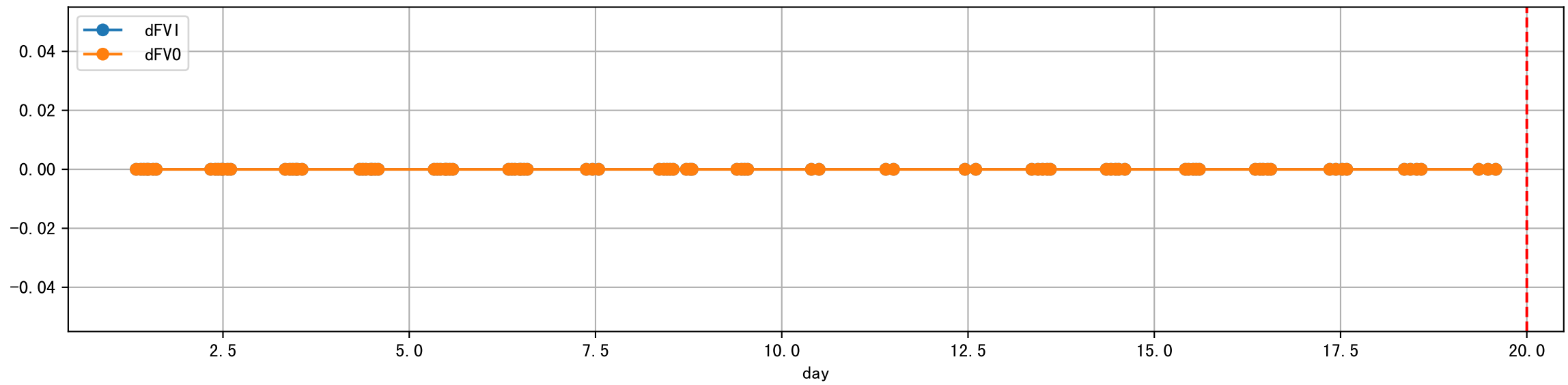

1 (fgArea = NA)
ECI*10%
ECO
5500
5000
4500
4000
3500
3000
2500
2000
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

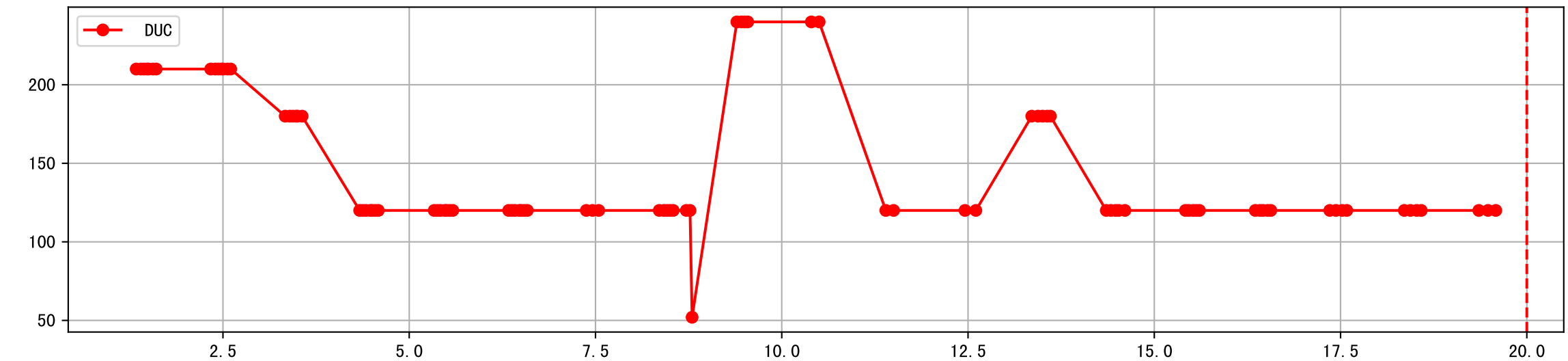

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

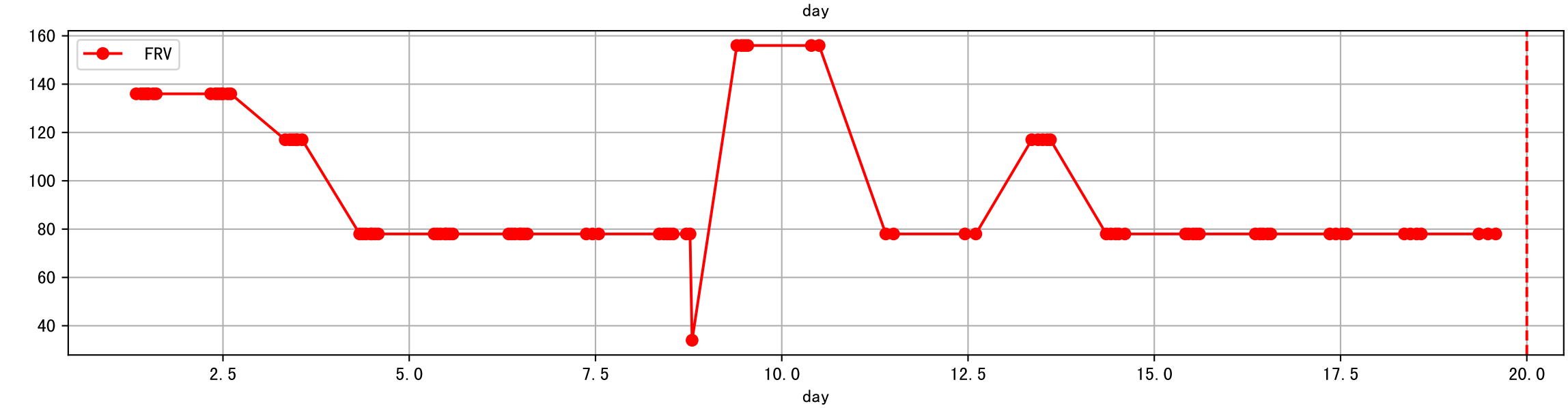

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

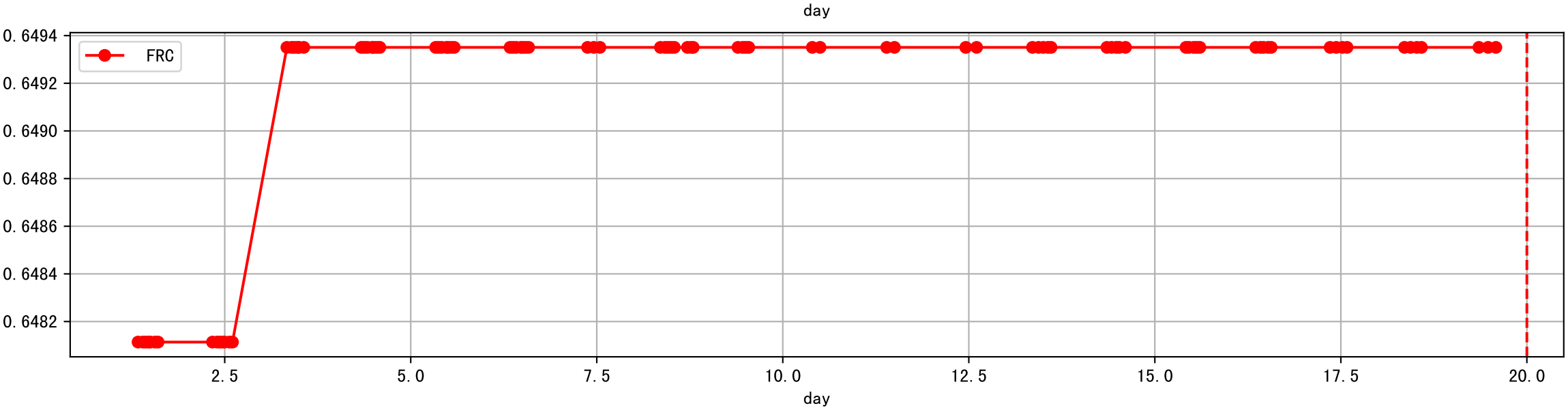

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

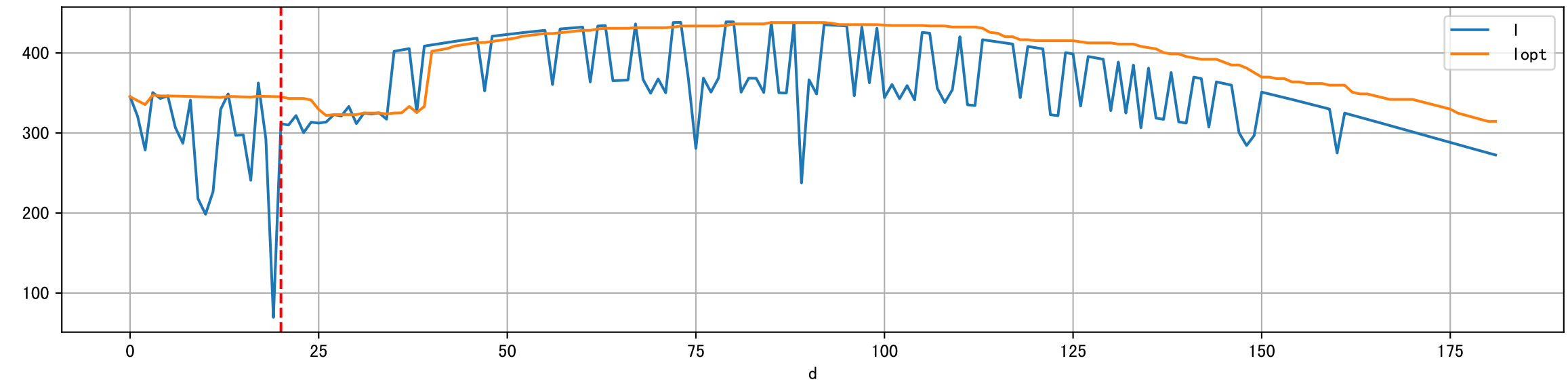


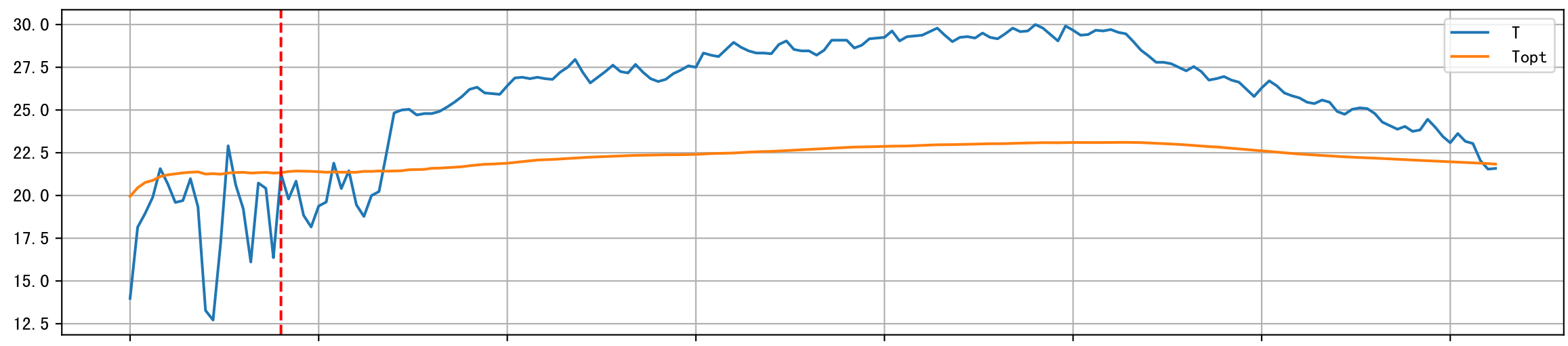


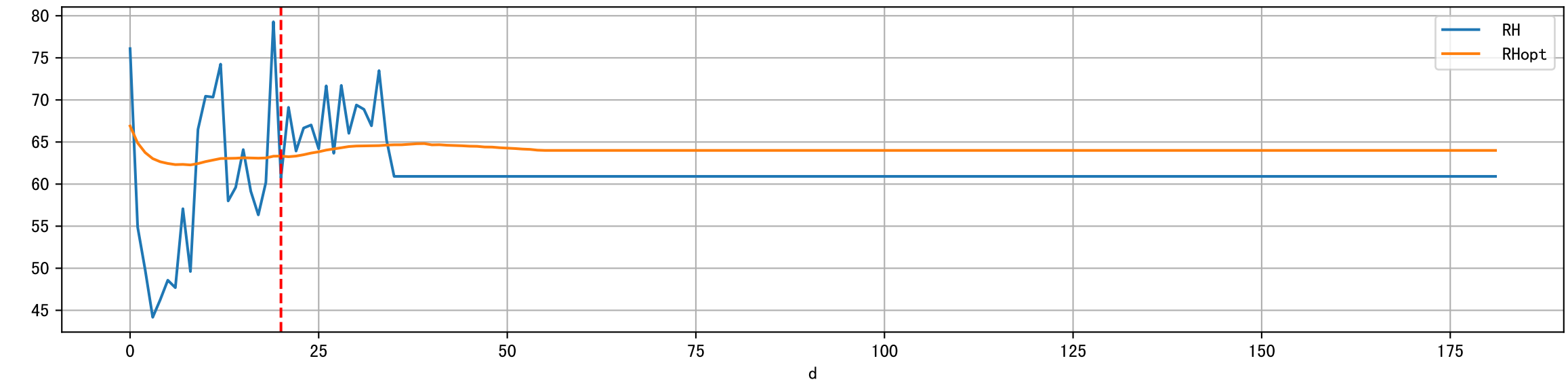


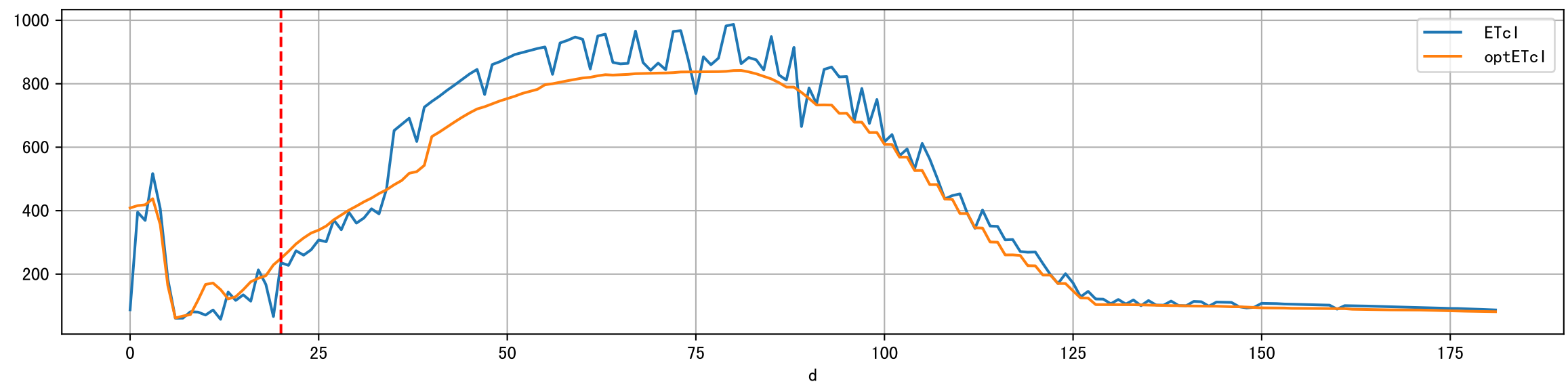


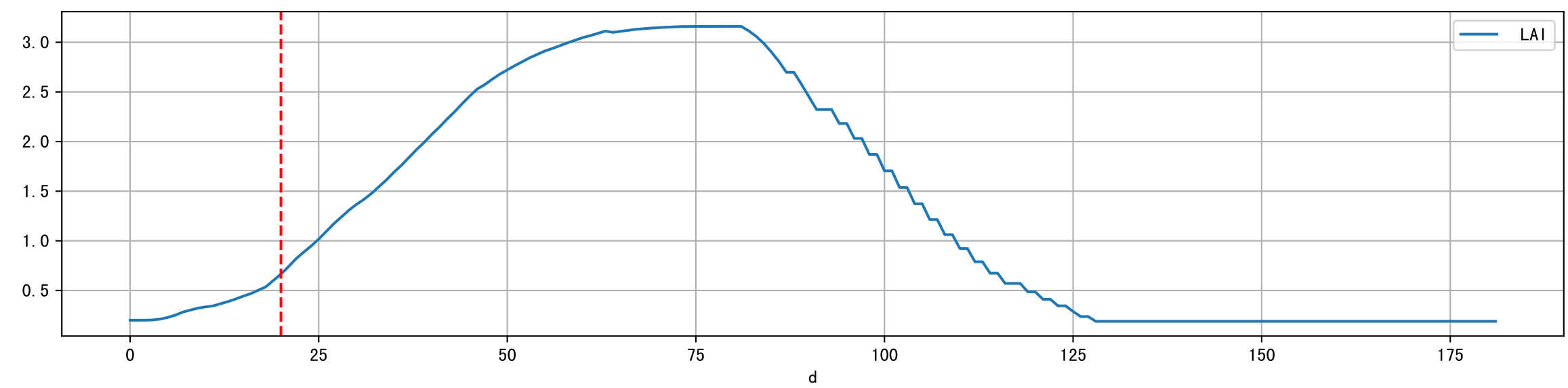
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

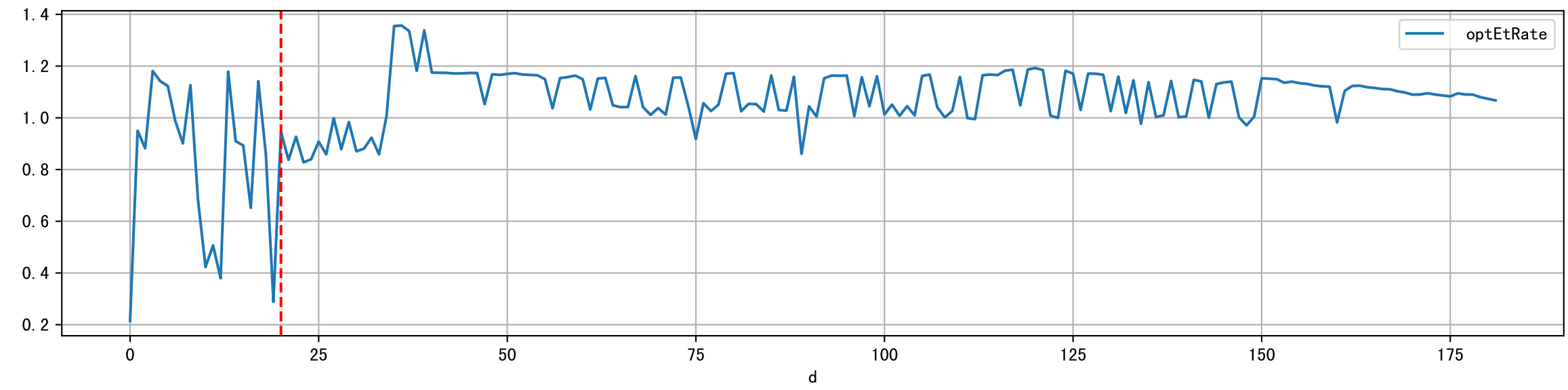


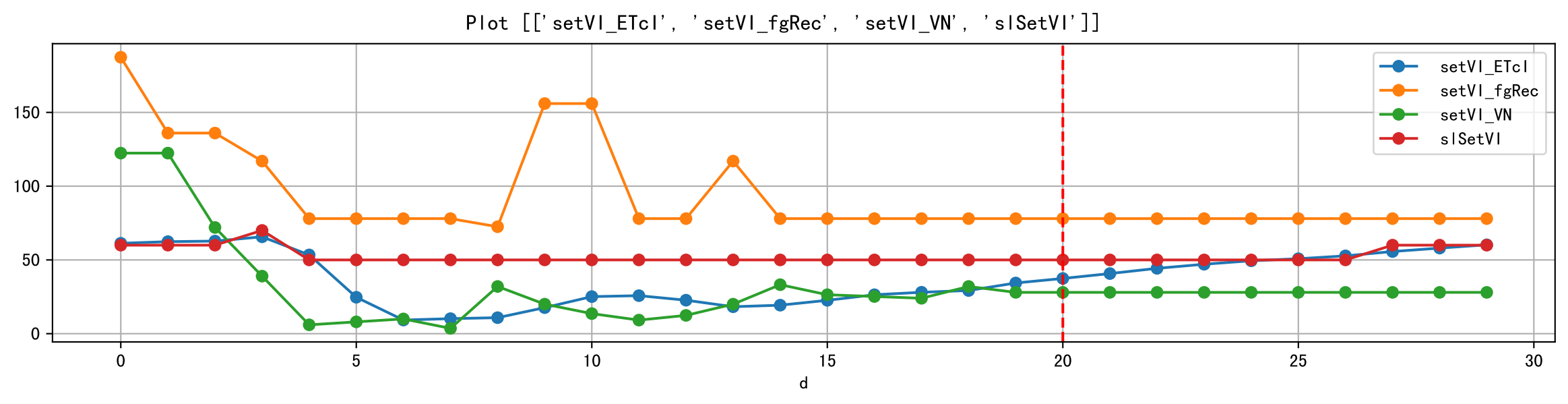


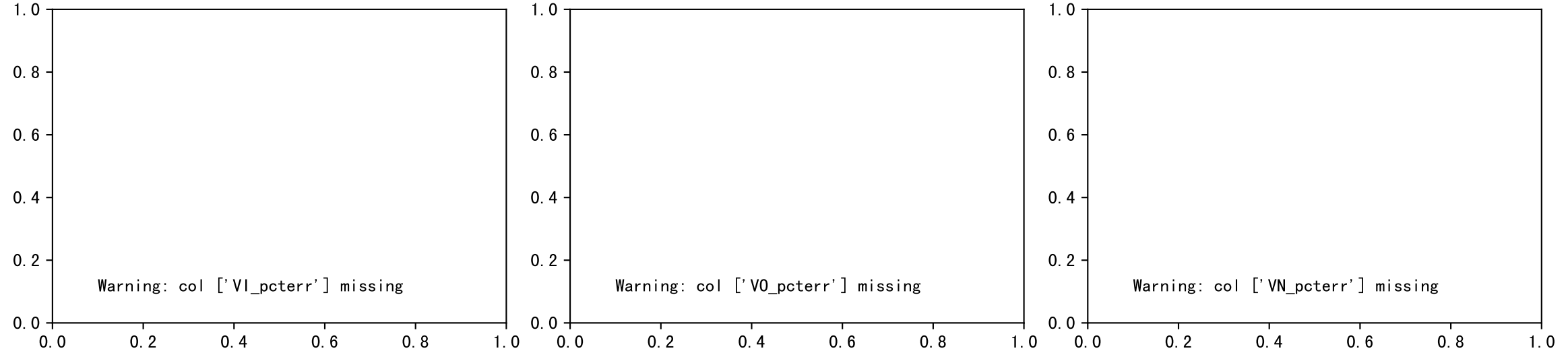


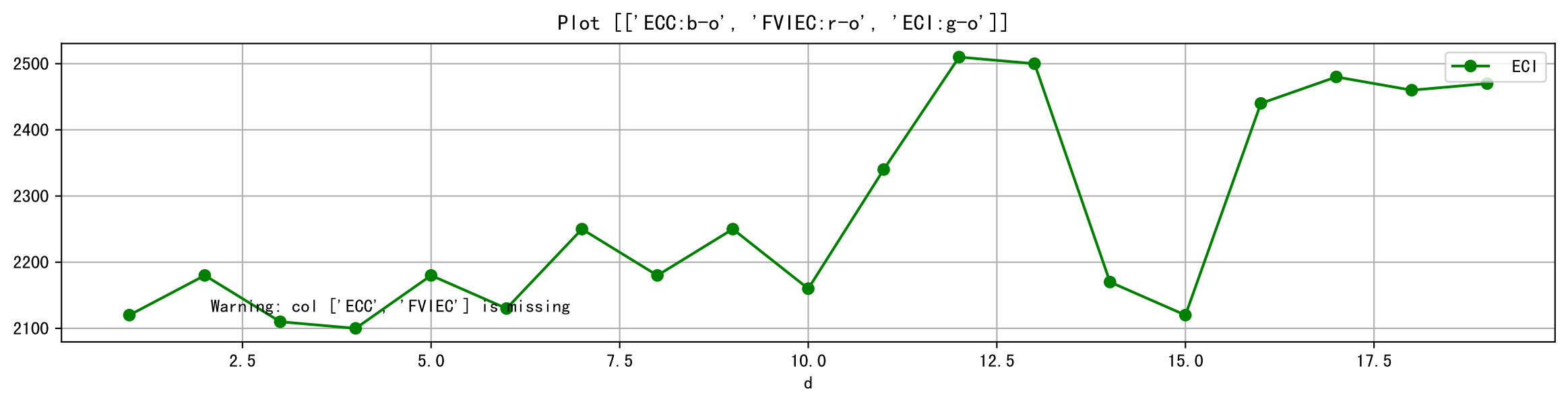


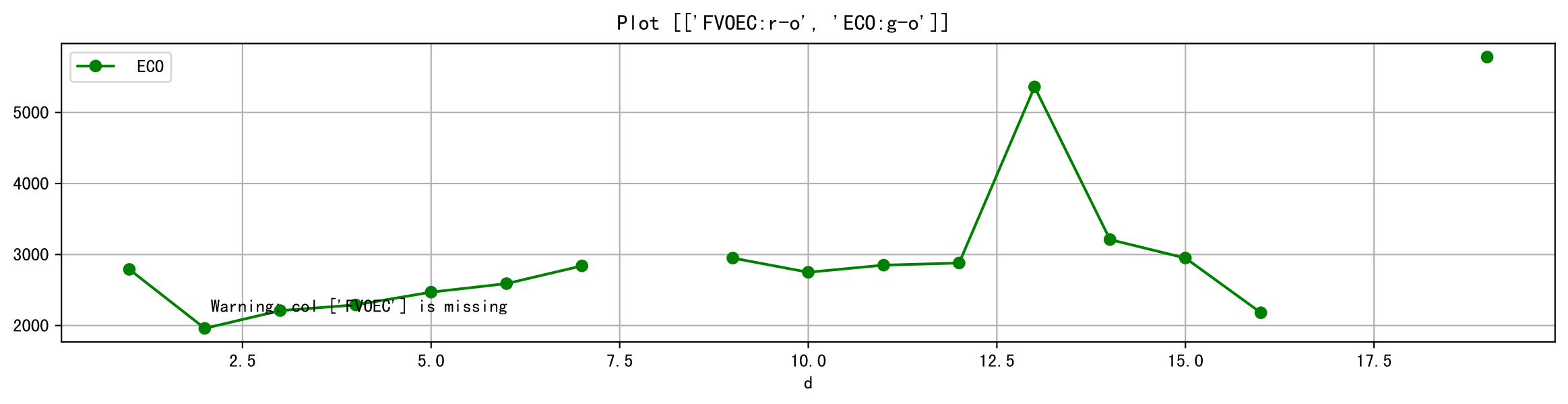


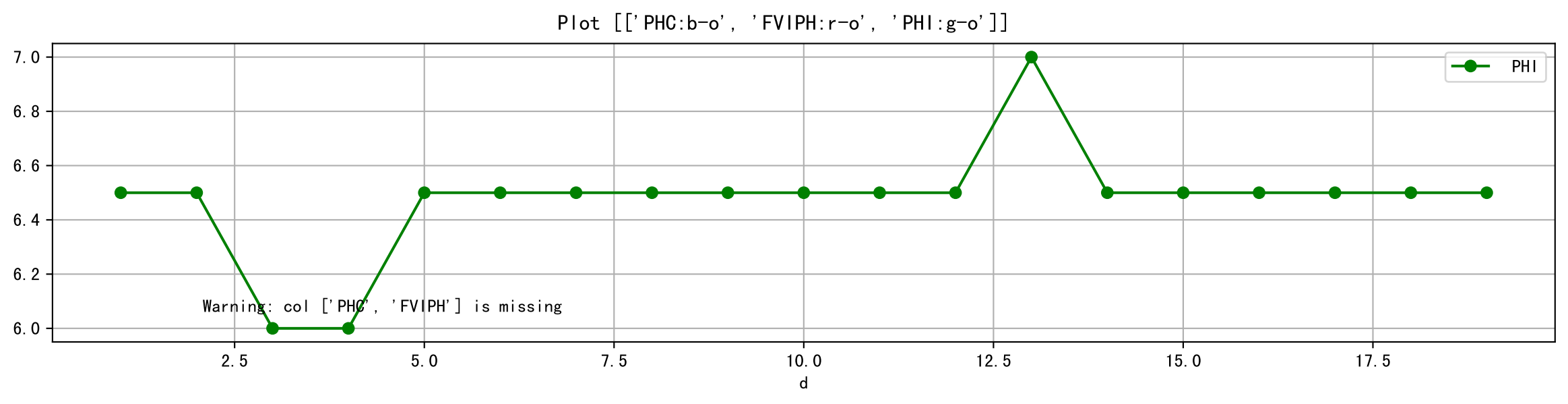


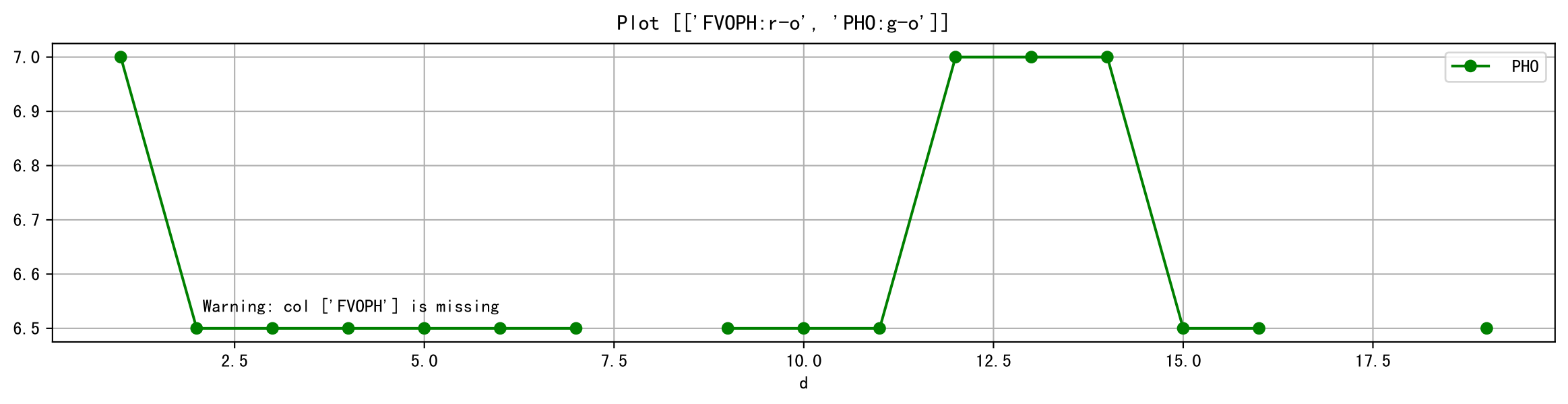

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
150
100
50
0
0
5
10
15
20
25
30
d


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

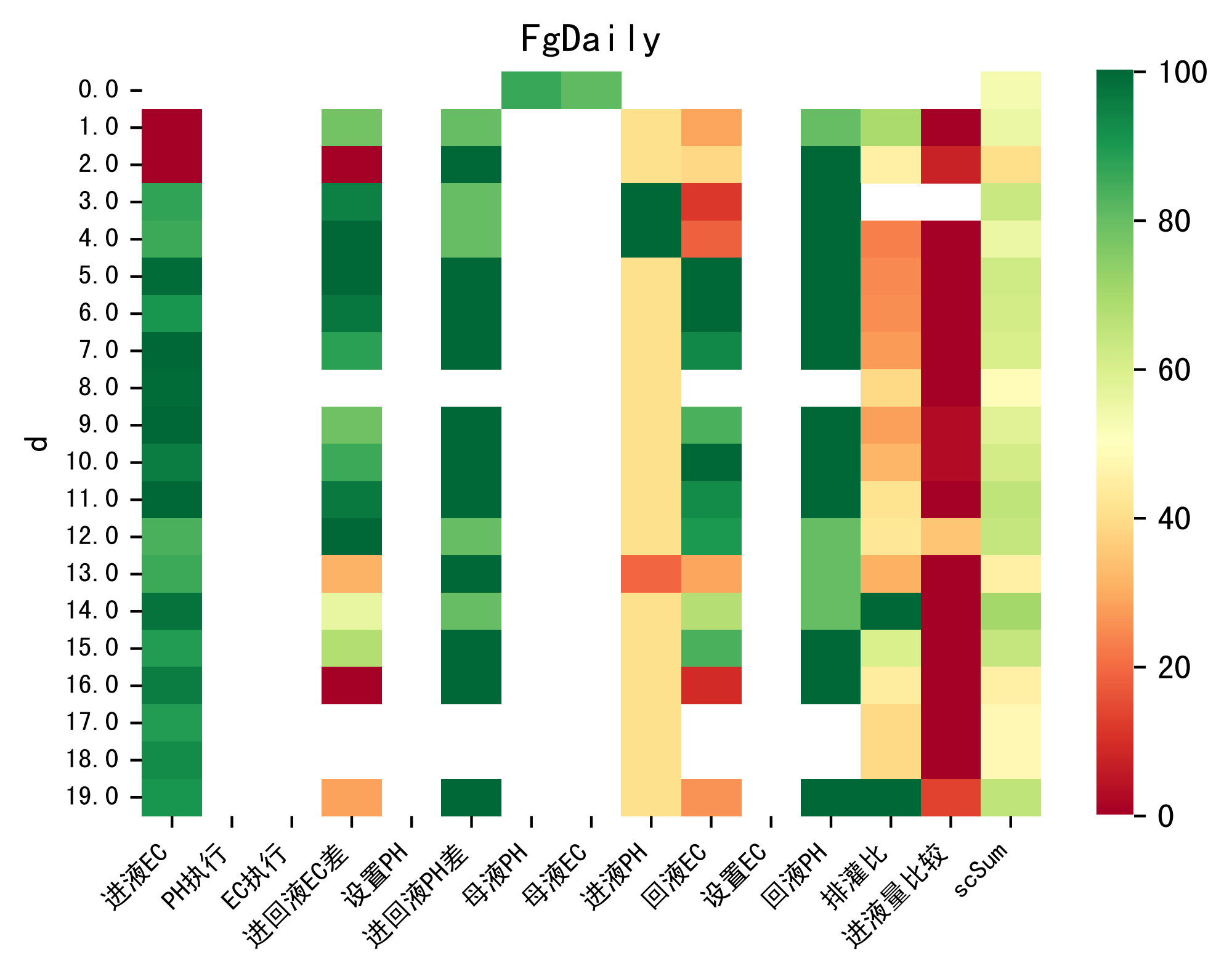

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2500
2400
2300
2200
2100
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
5000
4000
3000
2000
Warning, col ['FVOEC'] is missing
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

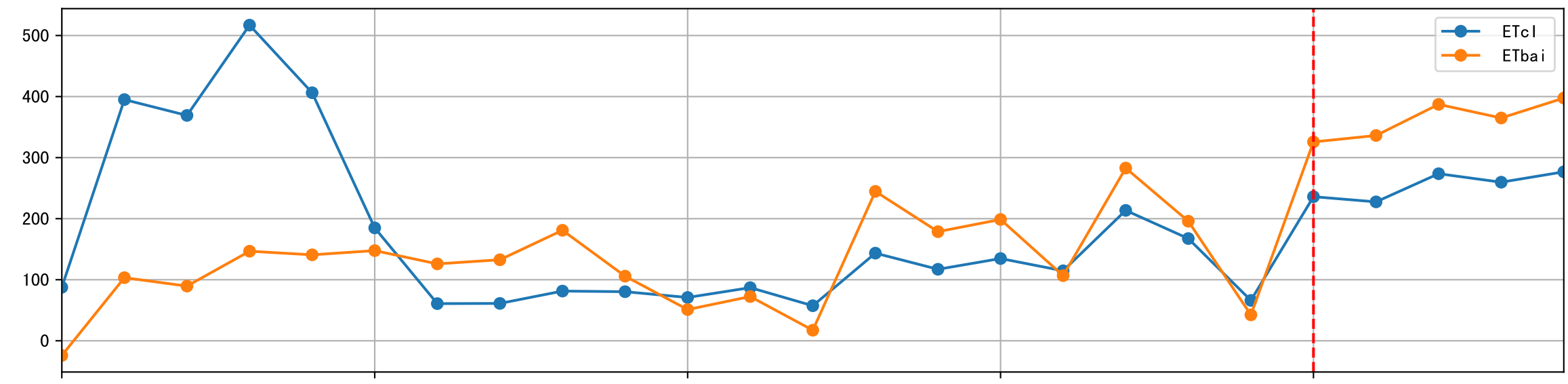

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

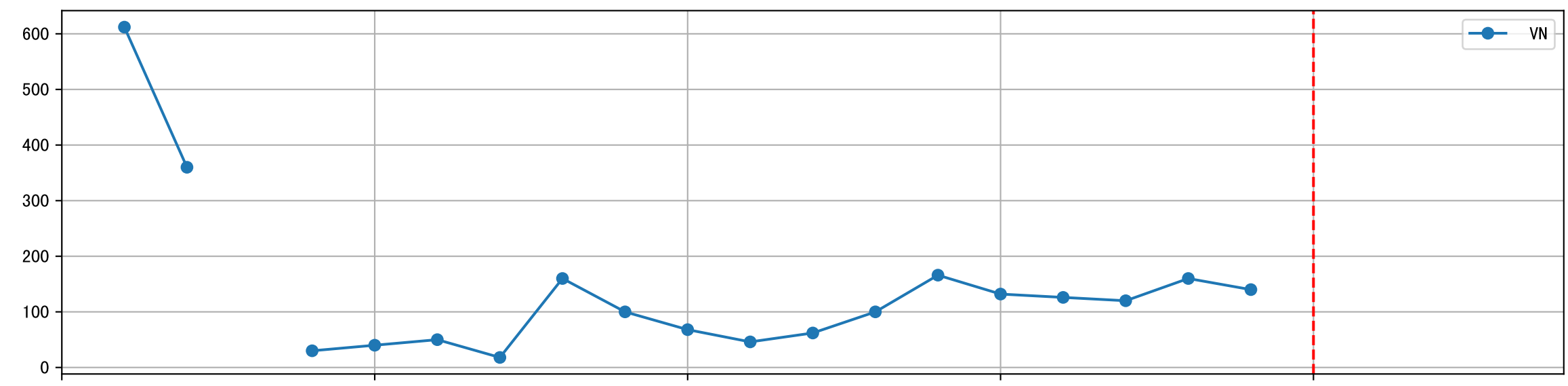

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

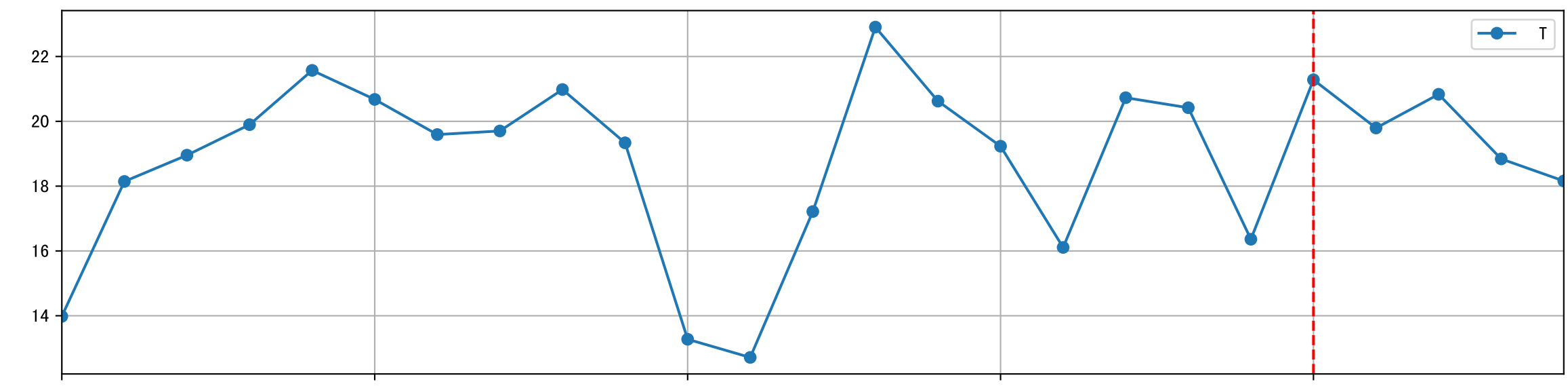

Trend plot forP3-11_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] 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

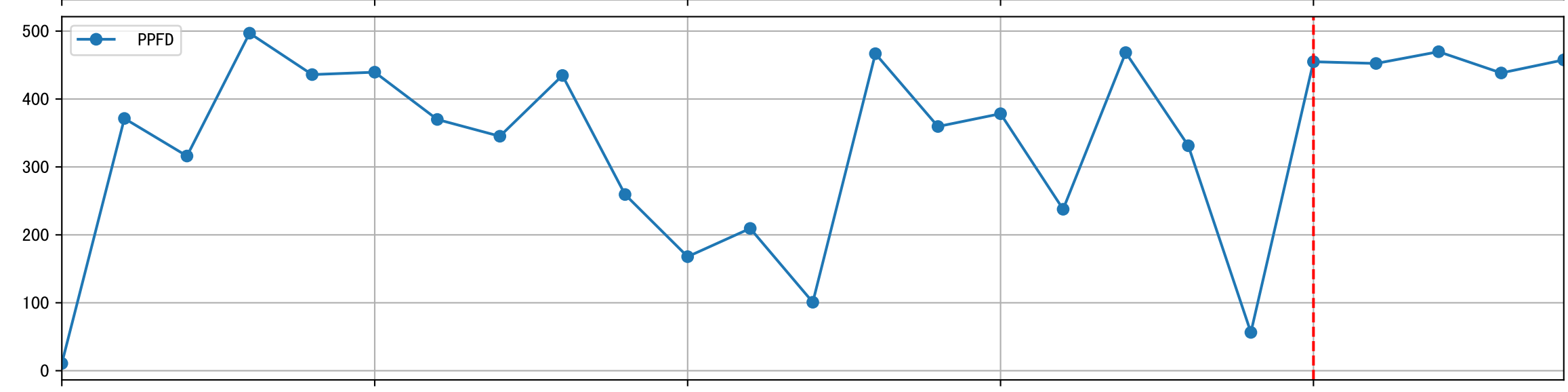

FgDaily
d
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
17.0
18.0
19.0
进液EC
PH执行
EC执行
进回液EC差
设置PH
进回液PH差
母液PH
母液EC
进液PH
回液EC
设置EC
回液PH
排灌比
进液量比较
scSum
100
80
60
40
20
0

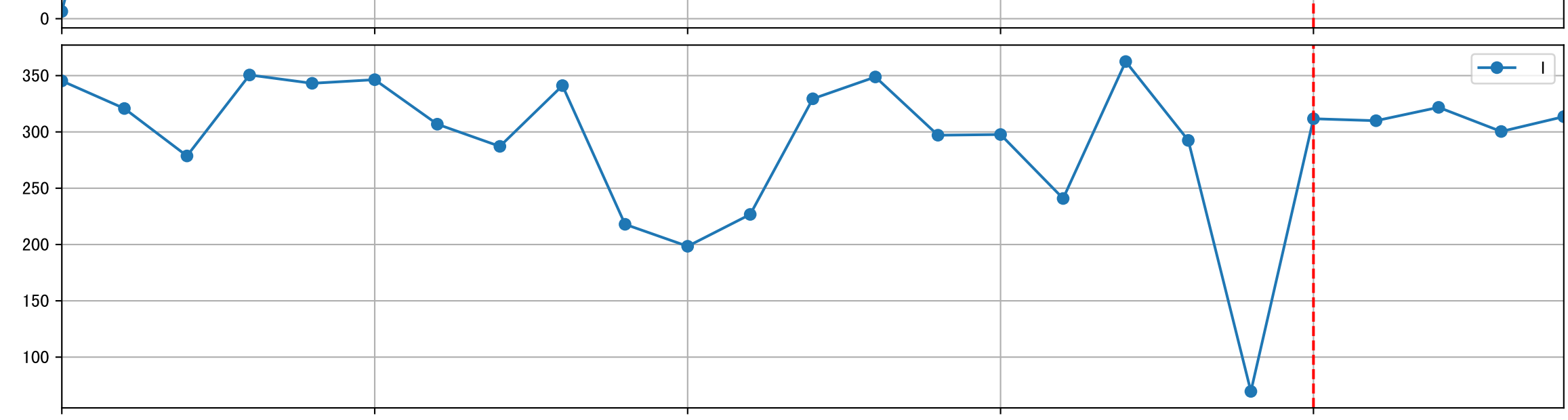
P3-11_0

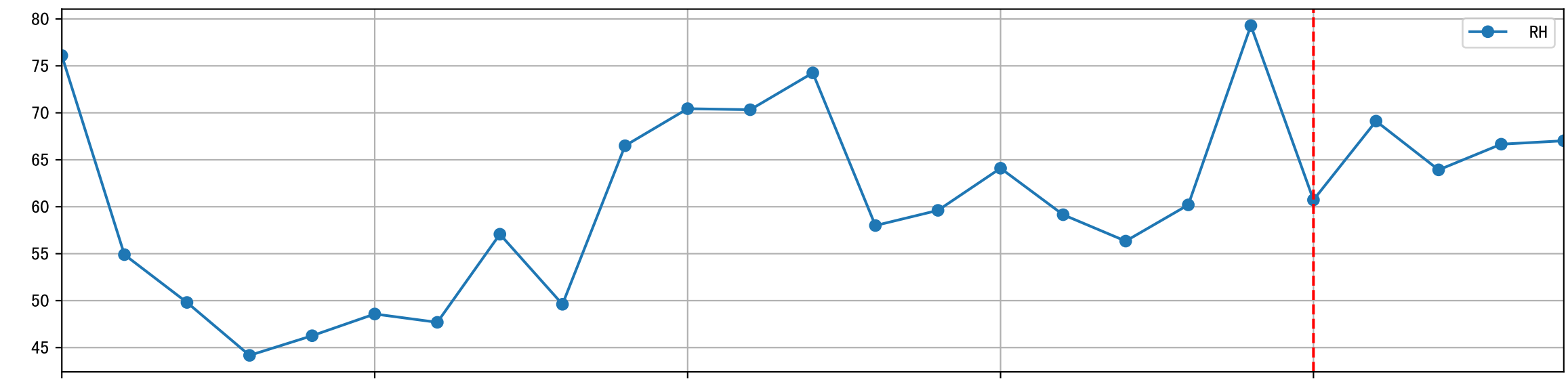


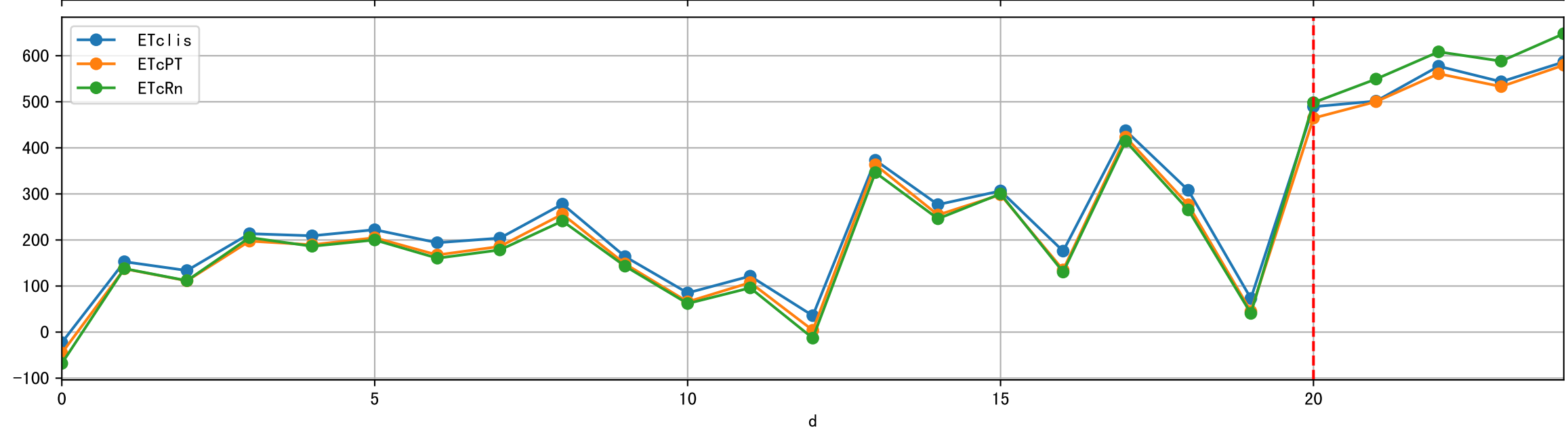


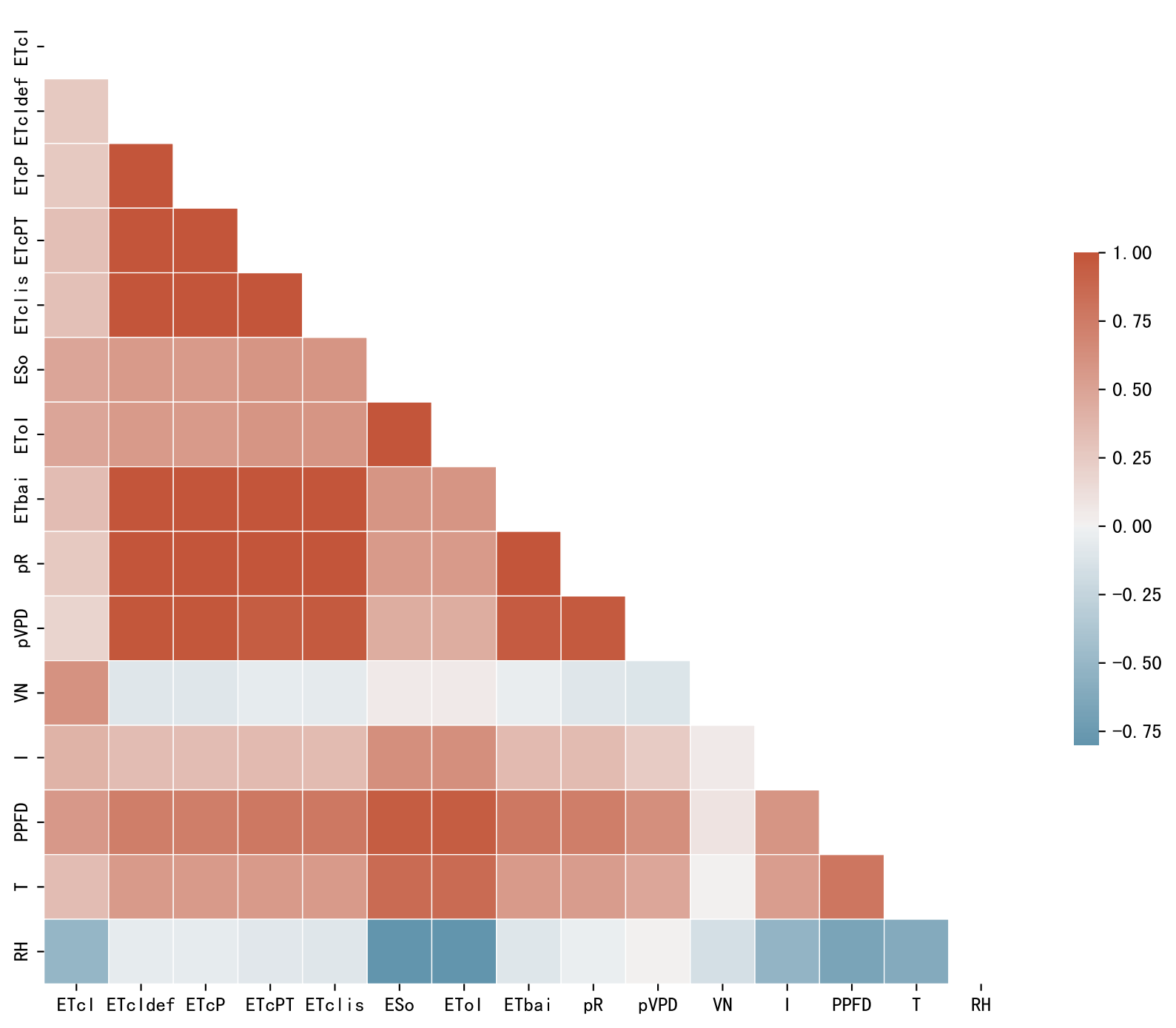


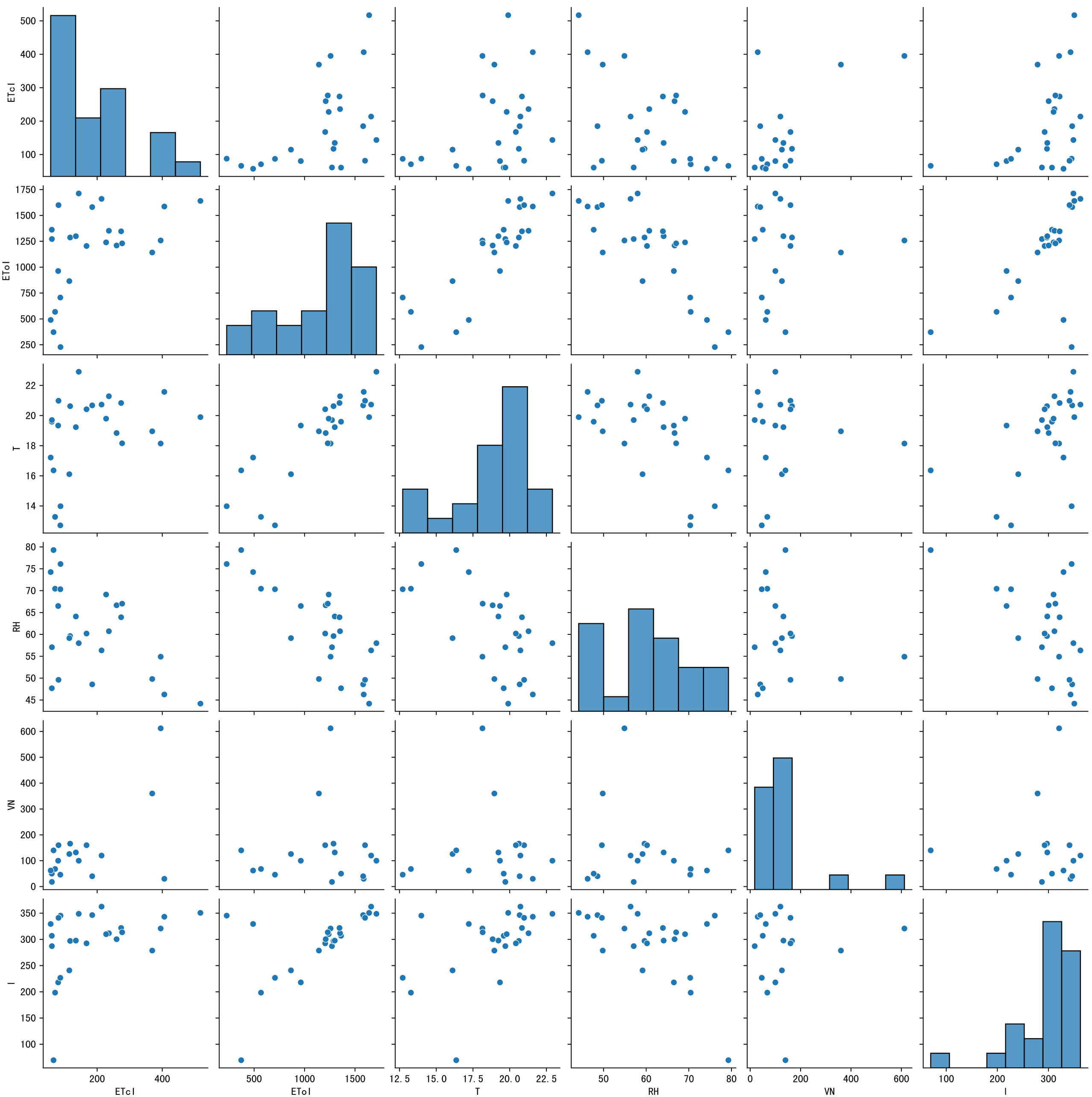


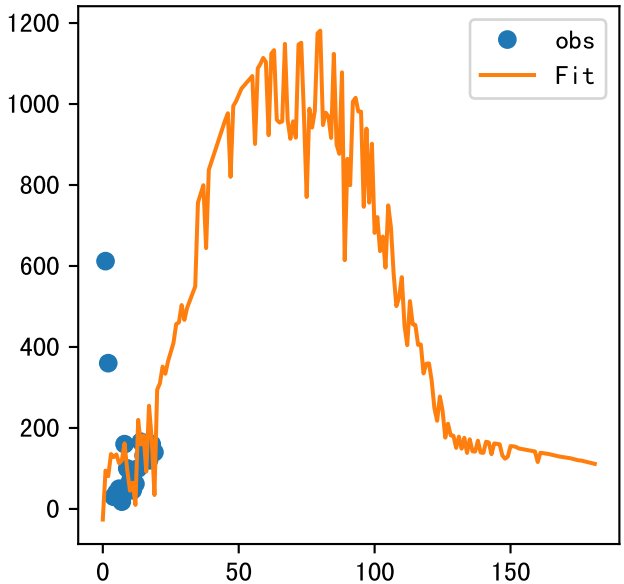


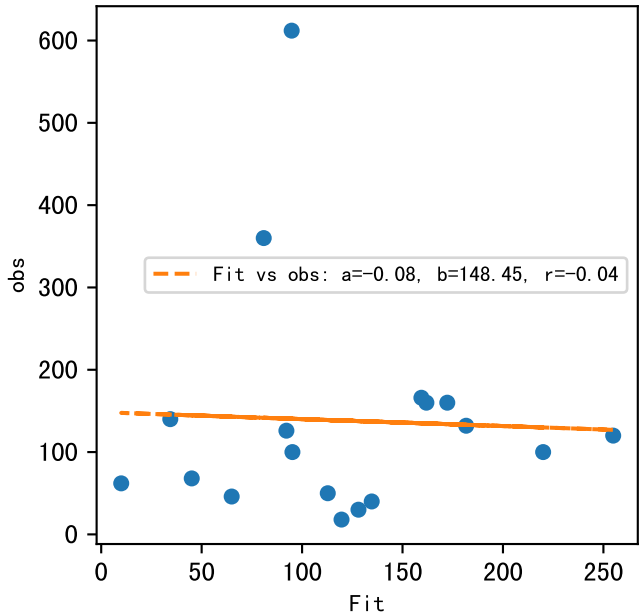




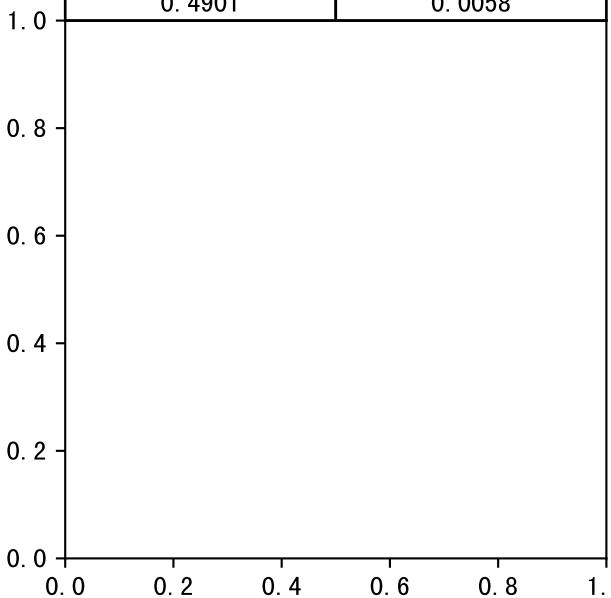

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

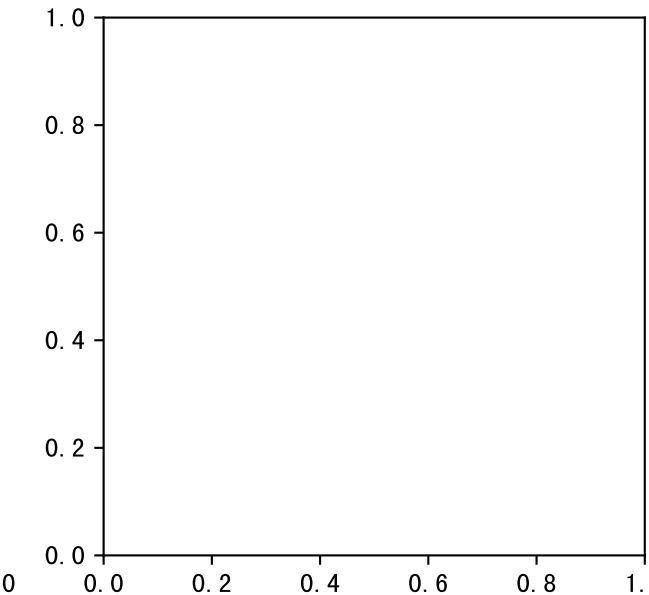

ETcl
ETol
T
RH
VN
I

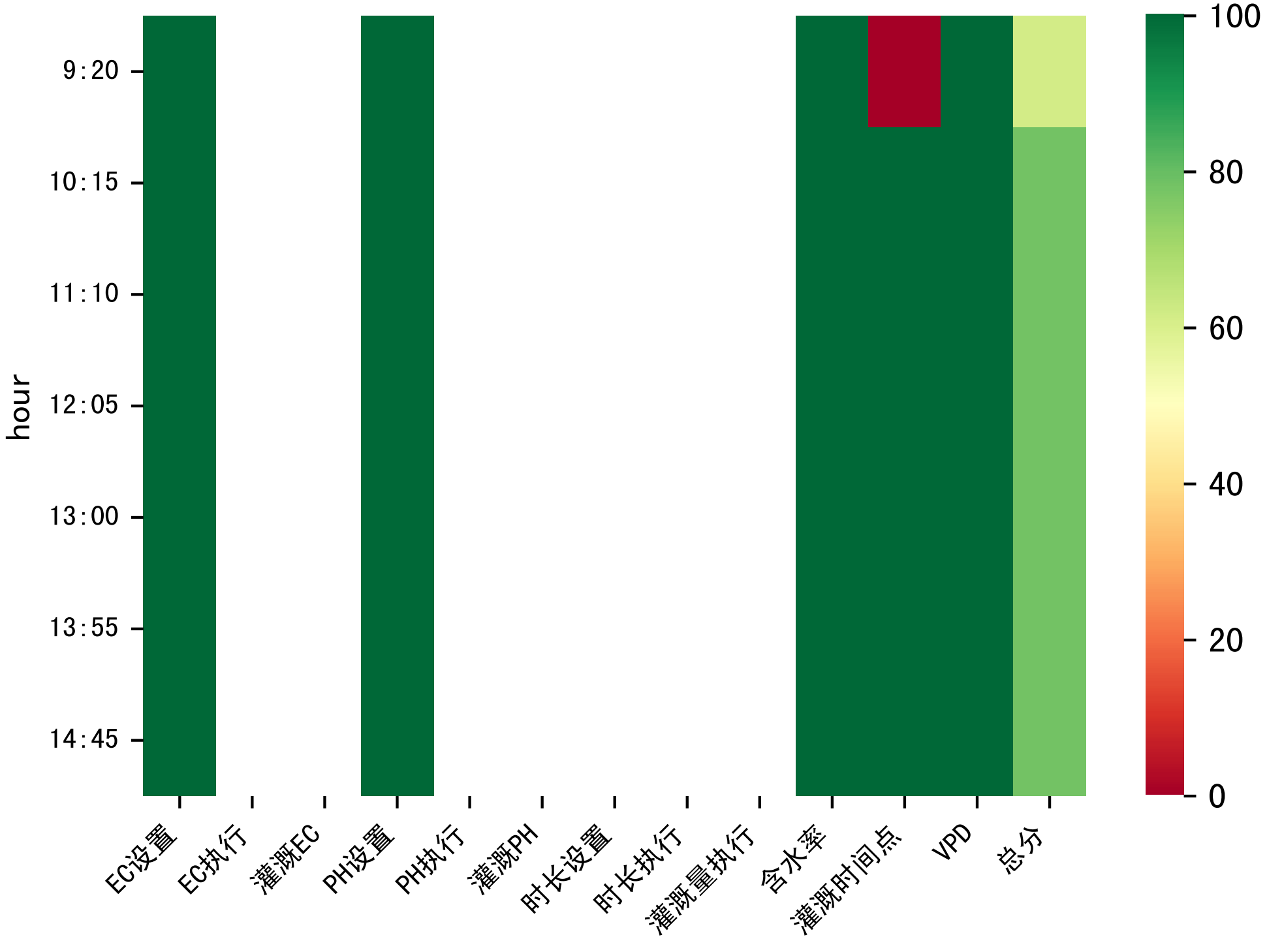




baiA	baiB
0.4901	0.0058



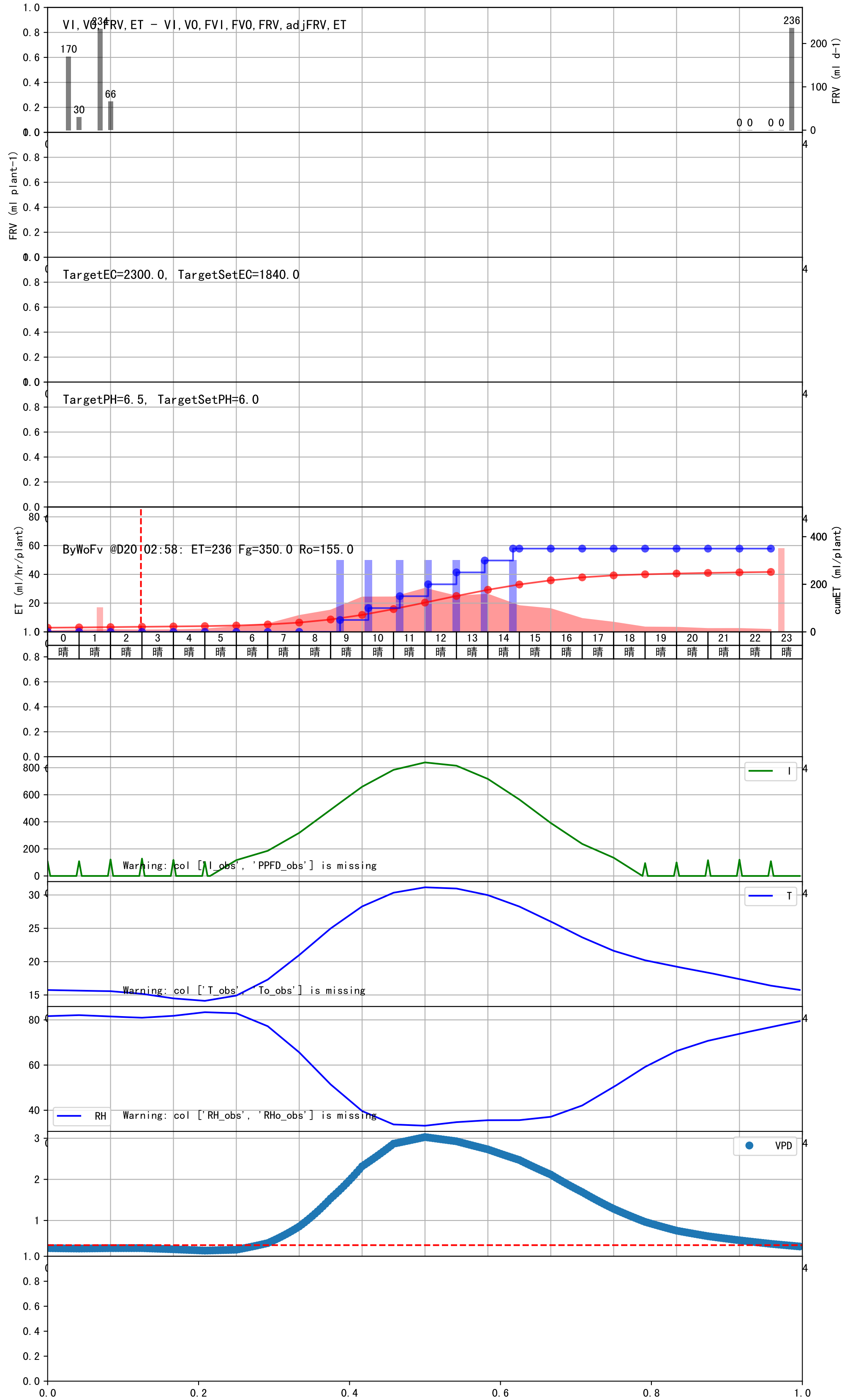


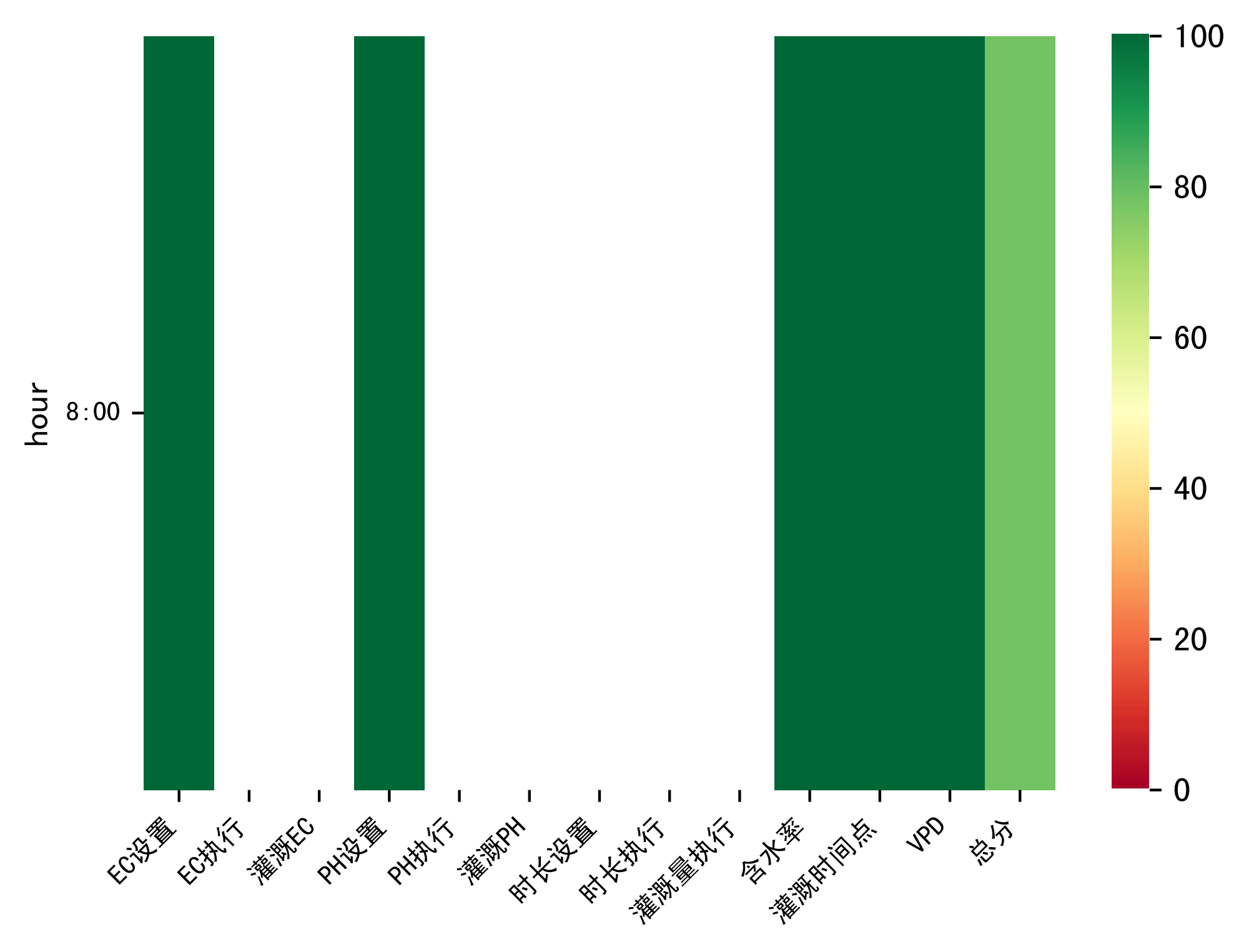

hour
9:20
10:15
11:10
12:05
13:00
13:55
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:20	135	50.0	晴	预期@09:20（未用传感器）
10:15	135	50.0	晴	预期@10:15（未用传感器）
11:10	135	50.0	晴	预期@11:10（未用传感器）
12:05	135	50.0	晴	预期@12:05（未用传感器）
13:00	135	50.0	晴	预期@13:00（未用传感器）
13:55	135	50.0	晴	预期@13:55（未用传感器）
14:45	135	50.0	晴	预期@14:45（未用传感器）
总计	945.0 (7次)	350.0		建议进液EC：1840.0， PH：6.0

昨天灌溉EC（2465.0）与设定EC（2000.0）偏差较大，请检查
回液EC 5180.0 太高，建议用低EC肥液冲洗基质
进回液EC差(2465.0 vs 5180.0)过高

P3-11_0, Day=20 (2025-04-22)

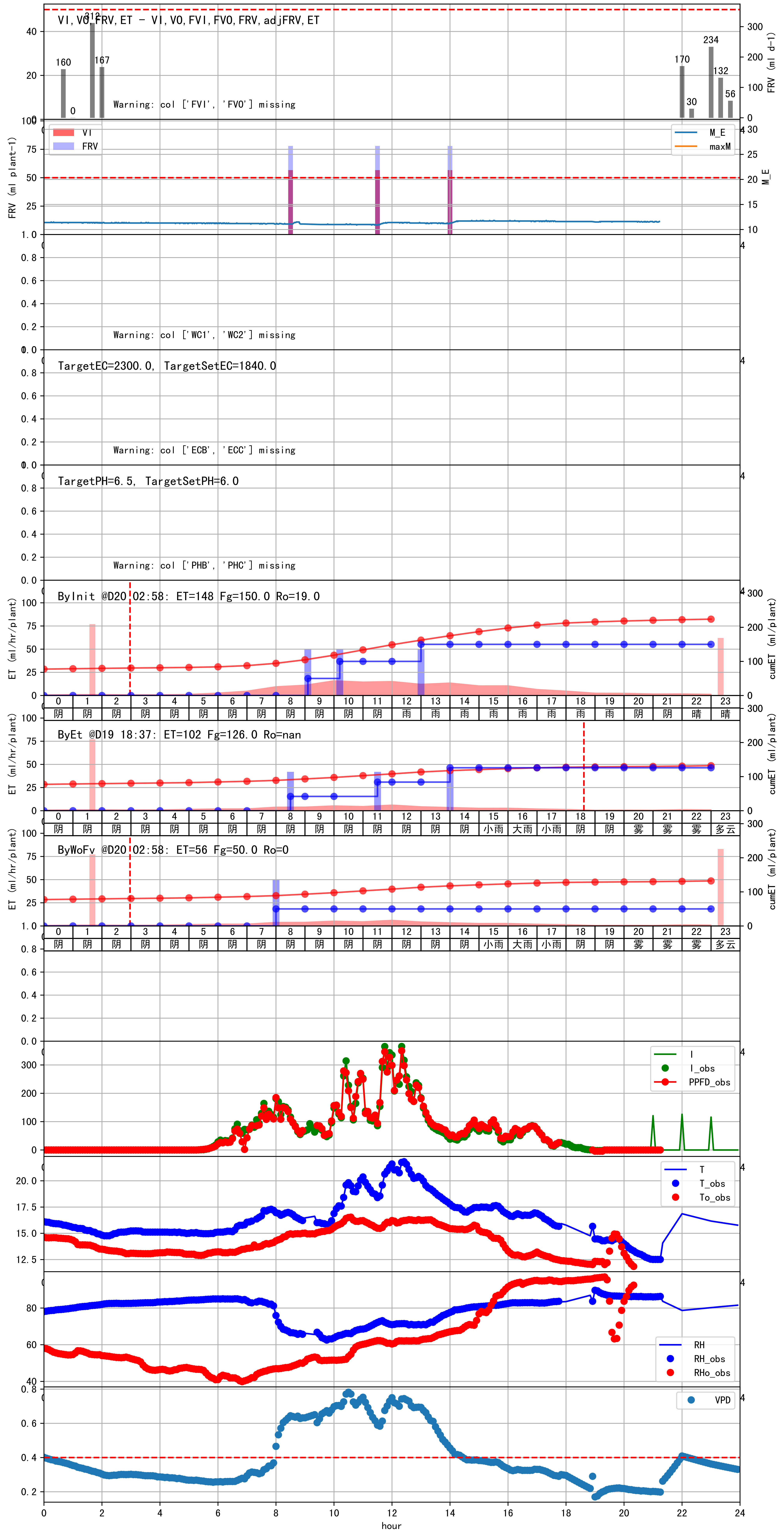


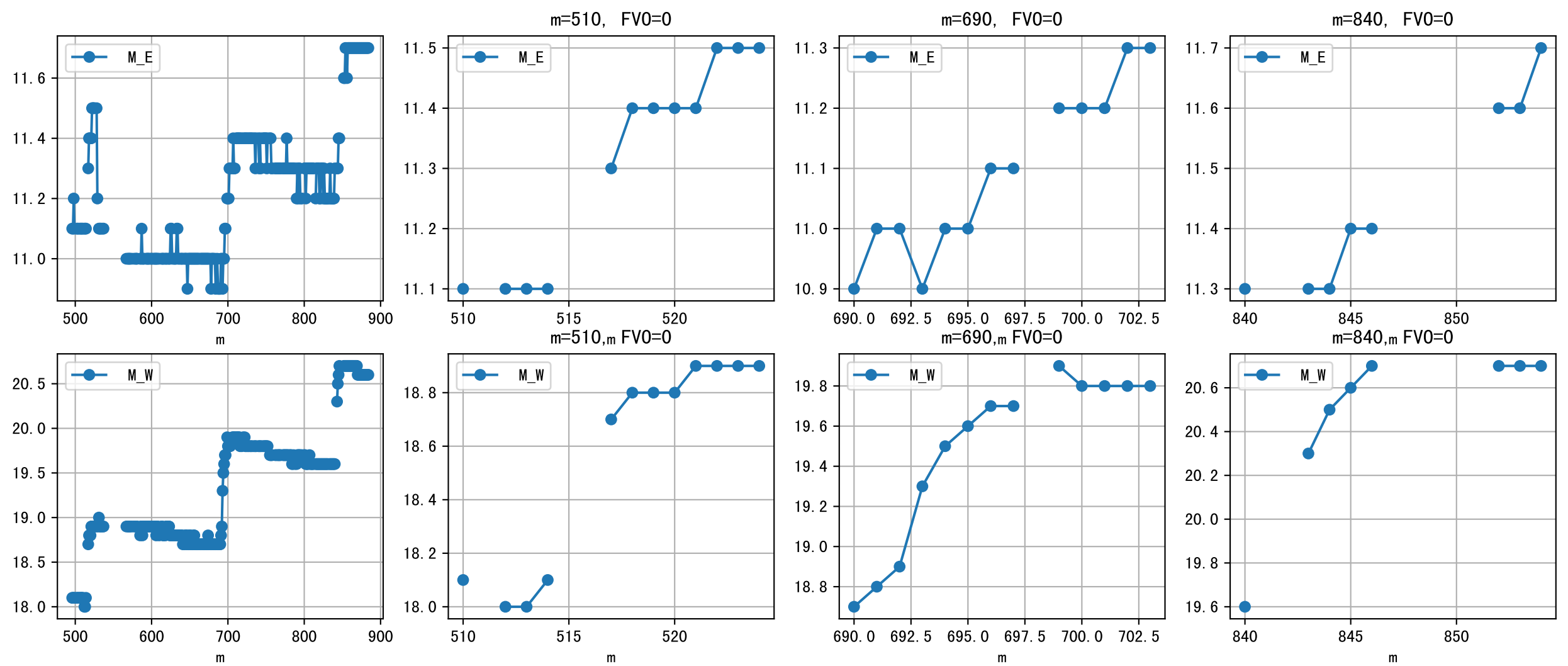

hour
8:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

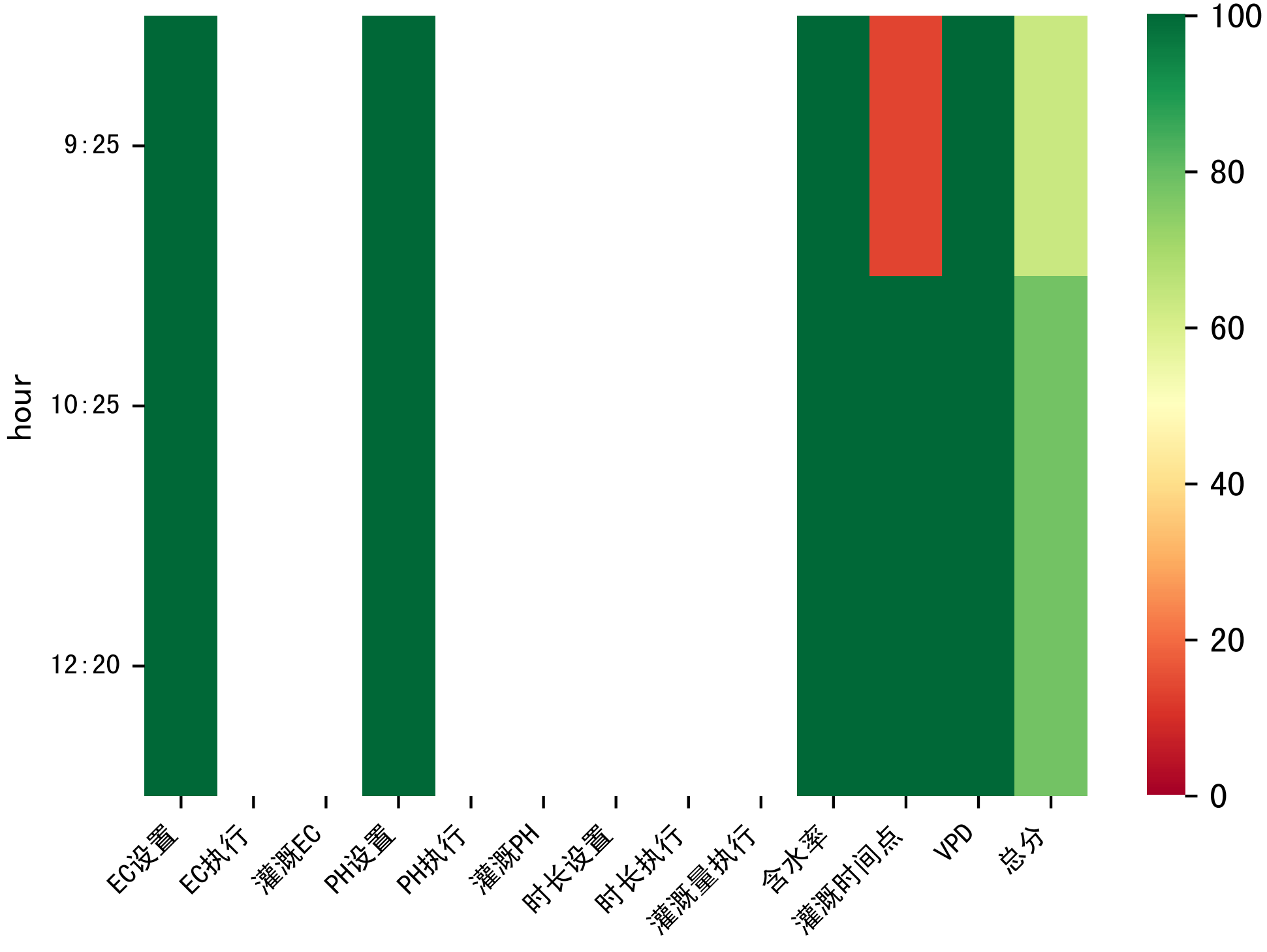
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:00	120	50.0	阴	假设@08:00 手动（未用传感器）
总计	120.0 (1次)	50.0		建议进液EC：1840.0， PH：6.0

施肥机灌溉量与预期值不符 (78.0 : 44.0)，可能由于一阀多区不均匀
上次灌溉时长(120)与预期(135.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉44.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2470.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2470.0 vs 3980.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

P3-11_0, Day=19 (2025-04-21)



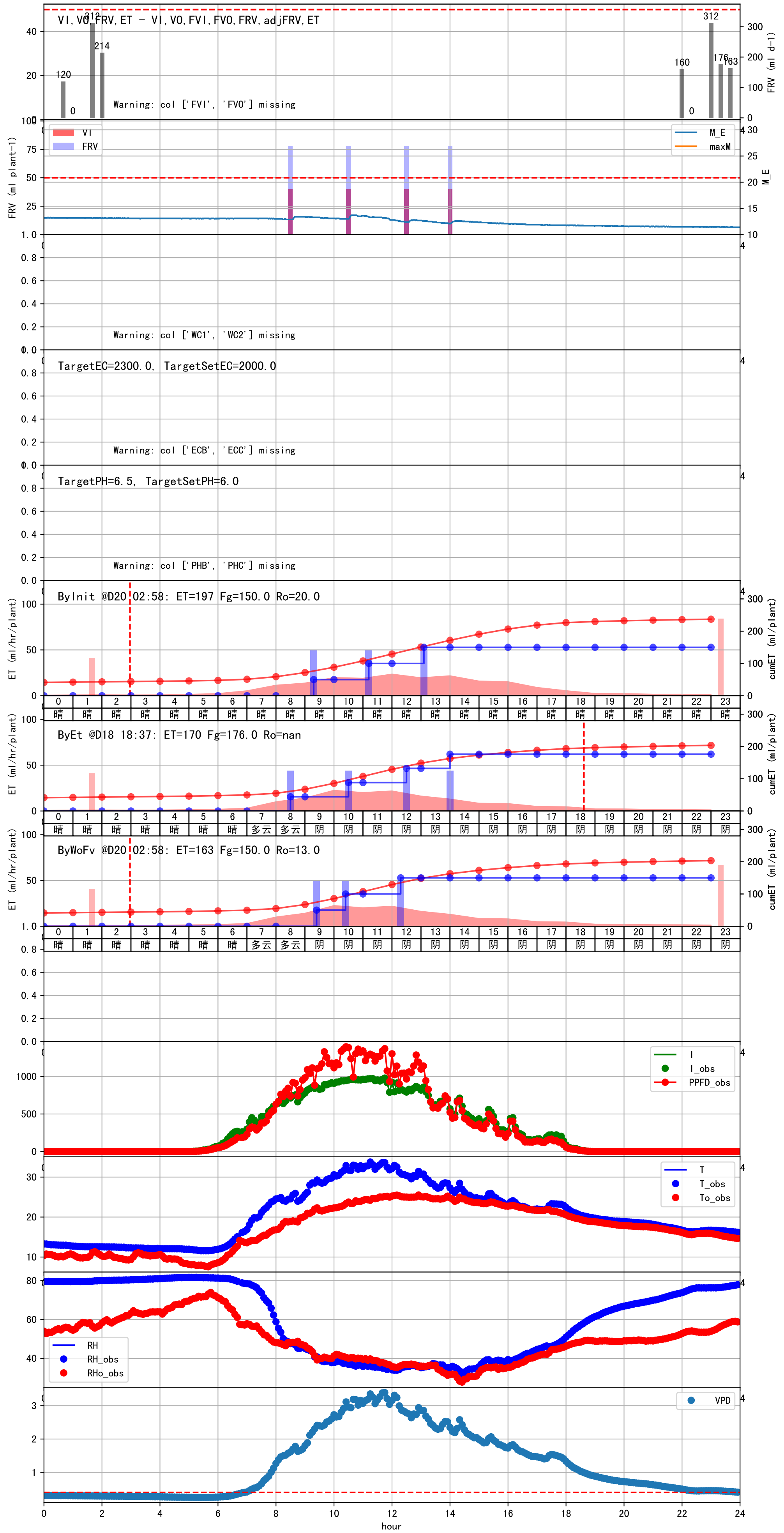

M_E
m
m=510, FV0=0
m=690, FV0=0
m=840, FV0=0
M_W
m=510,m FV0=0
m=690,m FV0=0
m=840,m FV0=0

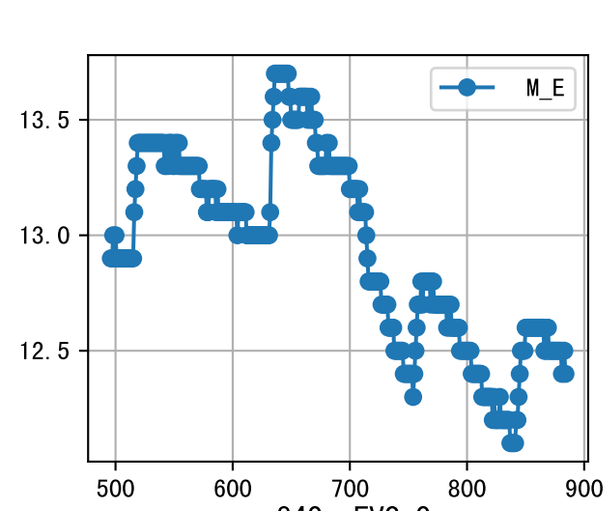

hour
9:25
10:25
12:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

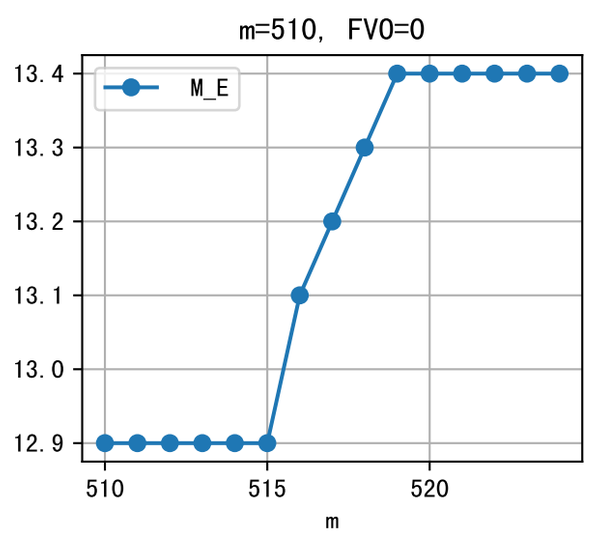
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:25	120	50.0	阴	假设@09:25 手动（未用传感器）
10:25	120	50.0	阴	假设@10:25 手动（未用传感器）
12:20	120	50.0	阴	假设@12:20 手动（未用传感器）
总计	360.0 (3次)	150.0		建议进液EC：2000.0， PH：6.0

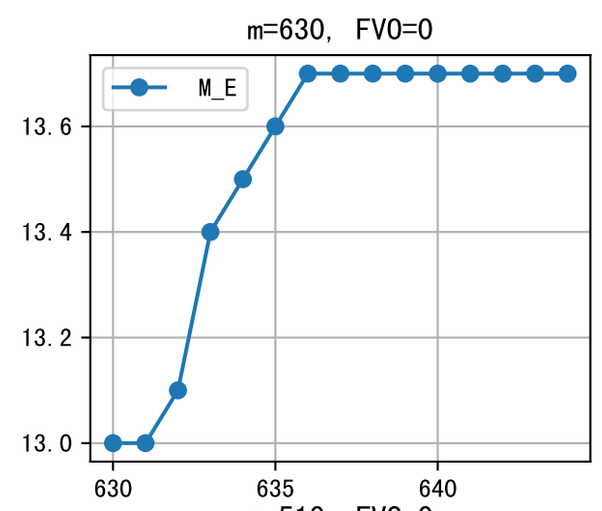
施肥机灌溉量与预期值不符 (78.0 : 44.0)，可能由于一阀多区不均匀
上次灌溉时长(120)与预期(135.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉44.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2460.0）与设定EC（2000.0）偏差较大，请检查
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

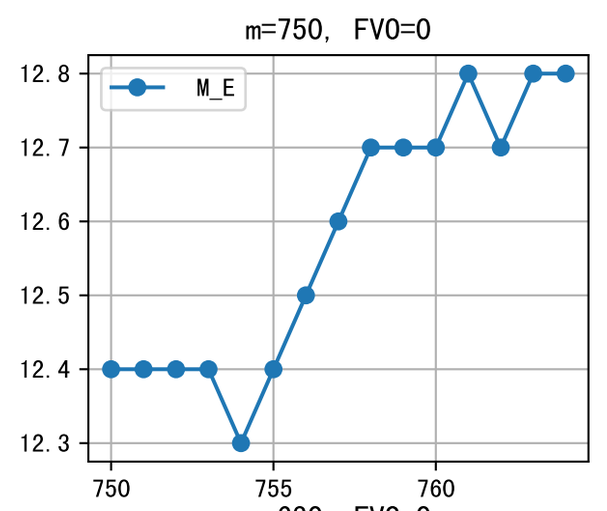
P3-11_0, Day=18 (2025-04-20)

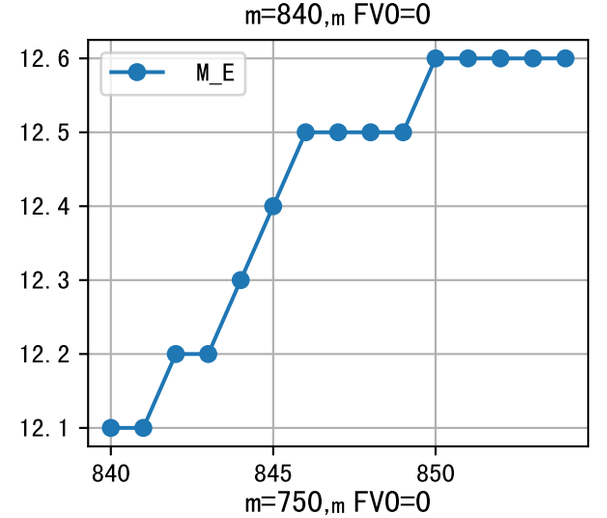


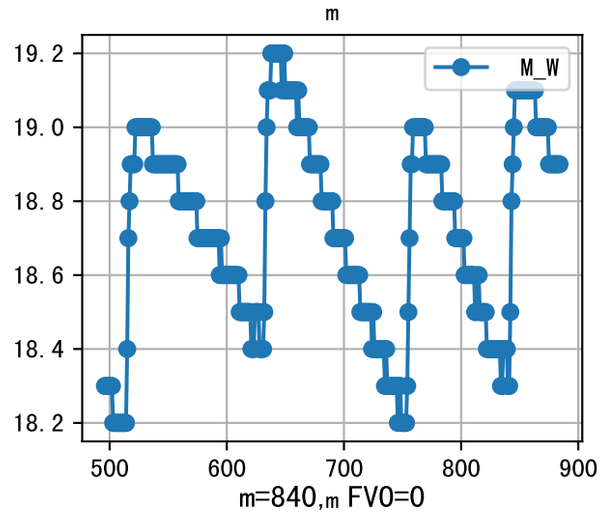

M_E
13.5
13.0
12.5
500
600
700
800
900

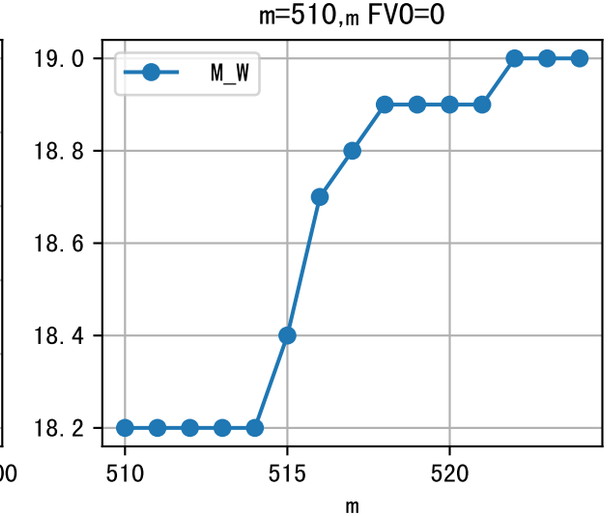

m=510, FV0=0
M_E
13.4
13.3
13.2
13.1
13.0
12.9
510
515
520
m

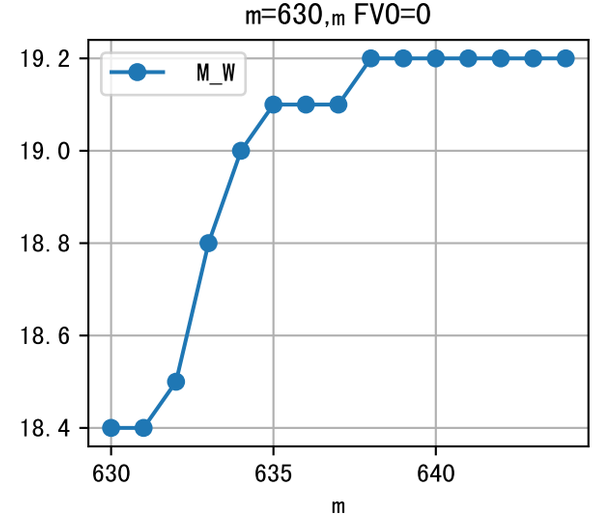

m=630, FV0=0
M_E
13.6
13.4
13.2
13.0
630
635
640

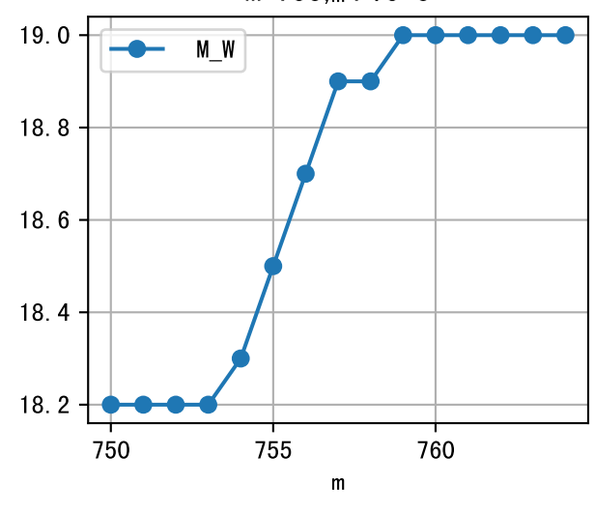

m=750, FV0=0
M_E
12.8
12.7
12.6
12.5
12.4
12.3
750
755
760

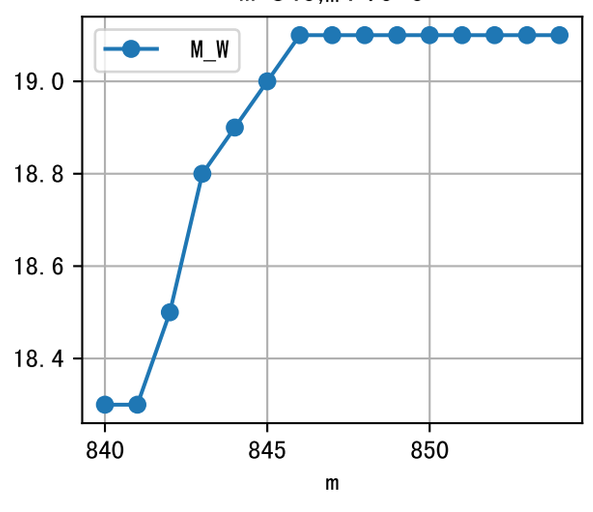

m=840,m FV0=0
M_E
12.6
12.5
12.4
12.3
12.2
12.1
840
845
850

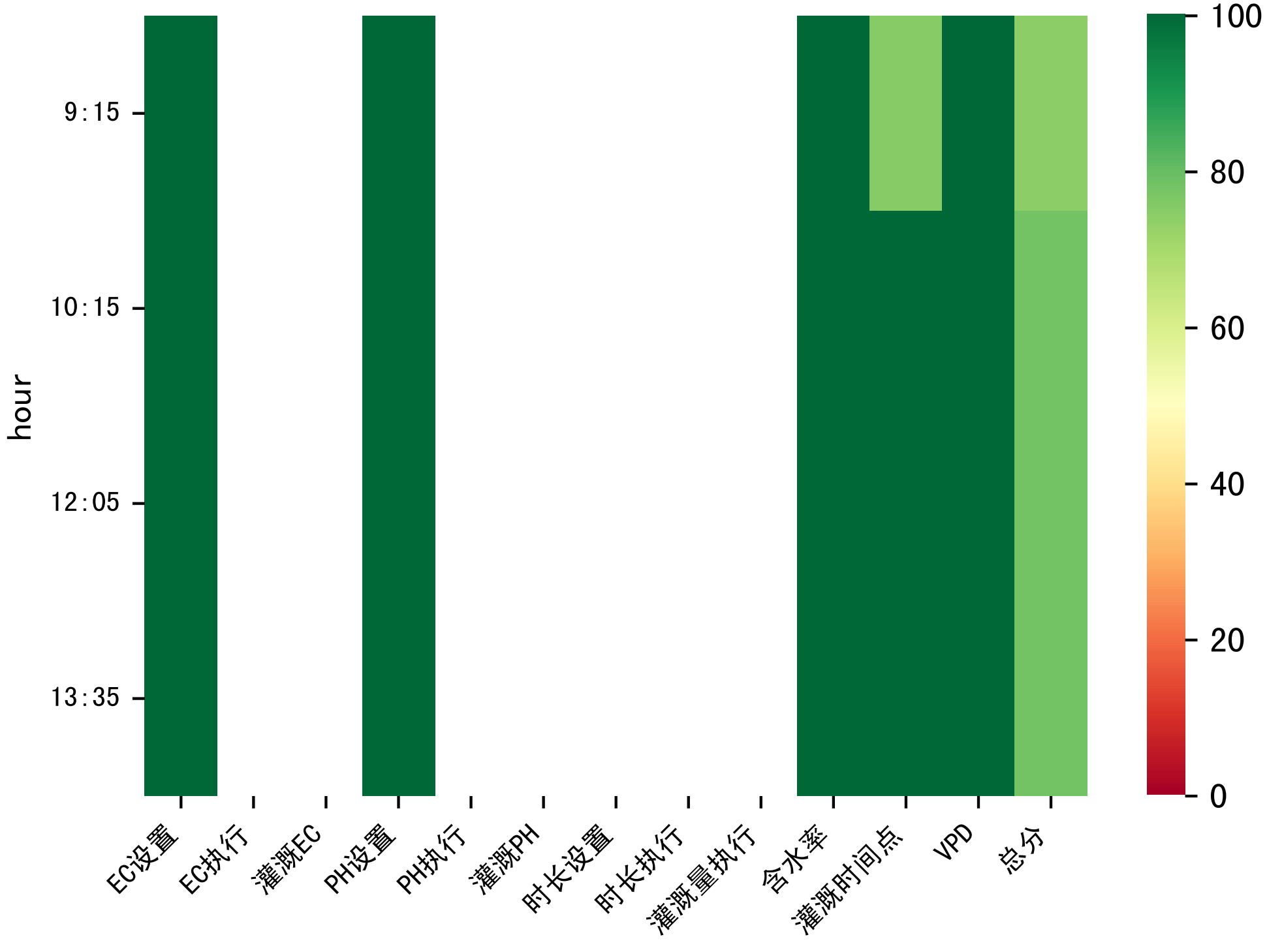

M_W
19.2
19.0
18.8
18.6
18.4
18.2
500
600
700
800
900


m=510,m FV0=0
M_W
19.0
18.8
18.6
18.4
18.2
510
515
520
m


m=630,m FV0=0
M_W
19.2
19.0
18.8
18.6
18.4
630
635
640
m


m=750,m FV0=0
M_W
19.0
18.8
18.6
18.4
18.2
750
755
760
m

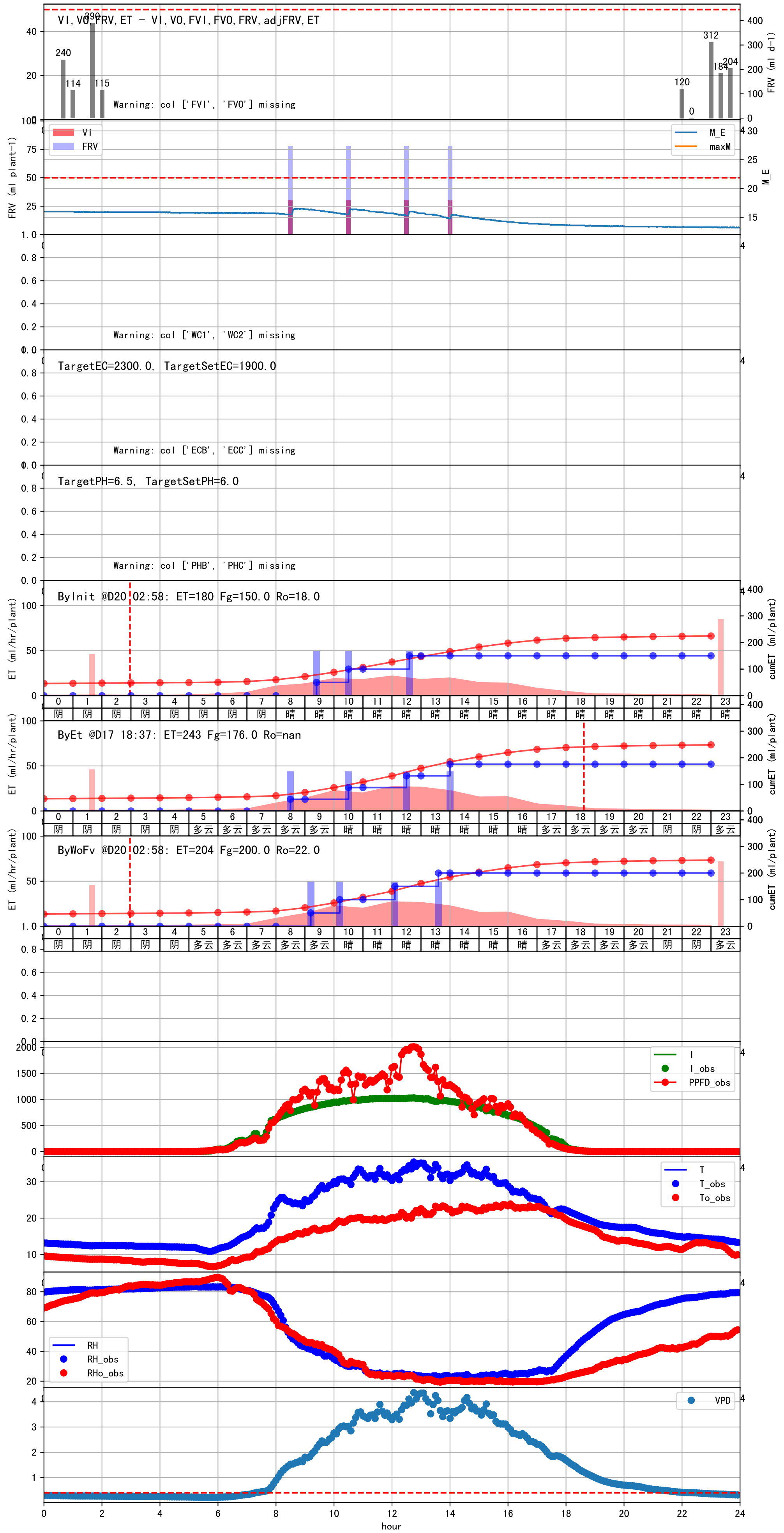

m=840,m FV0=0
M_W
19.0
18.8
18.6
18.4
840
845
850
m

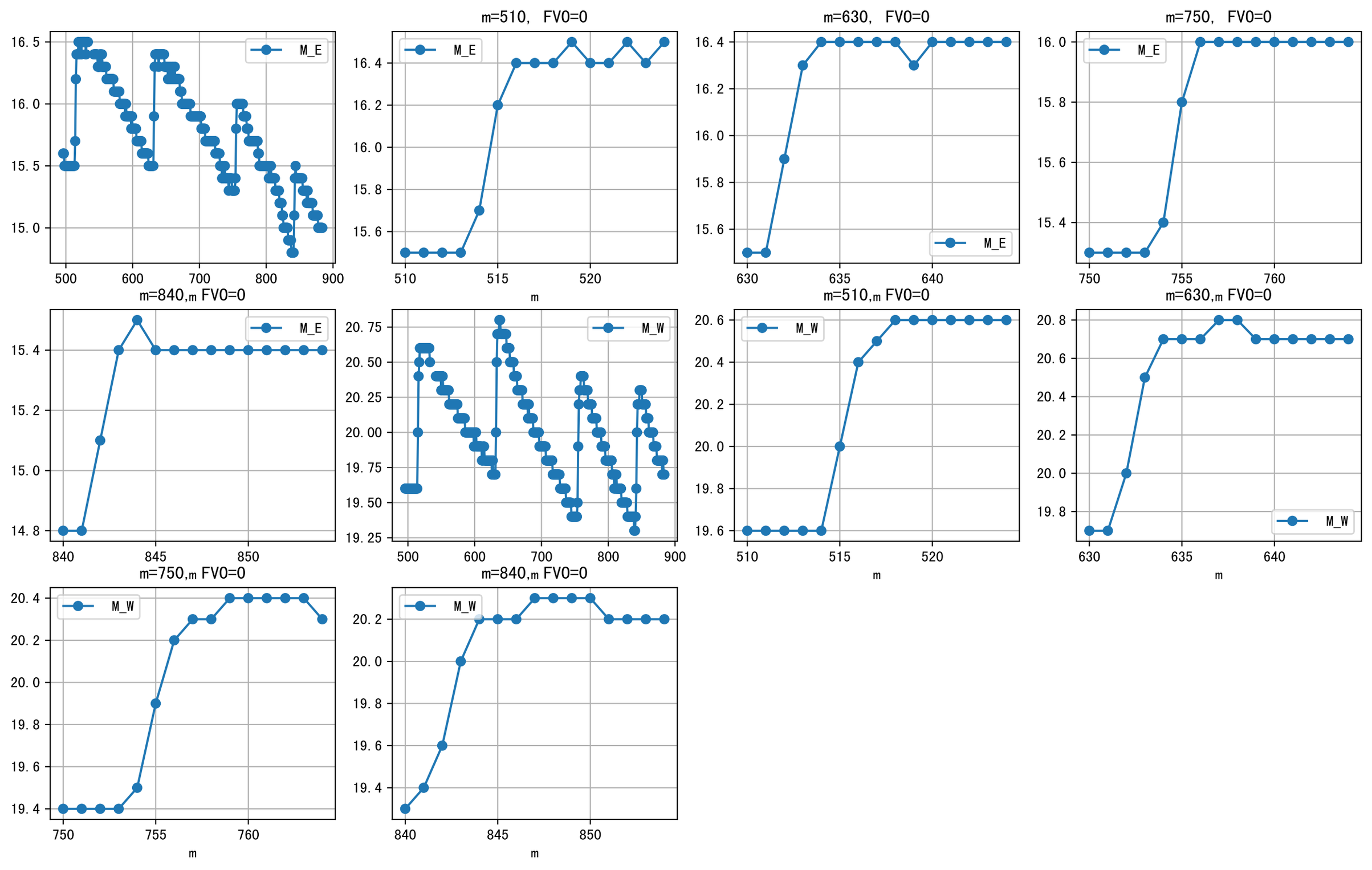

hour
9:15
10:15
12:05
13:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

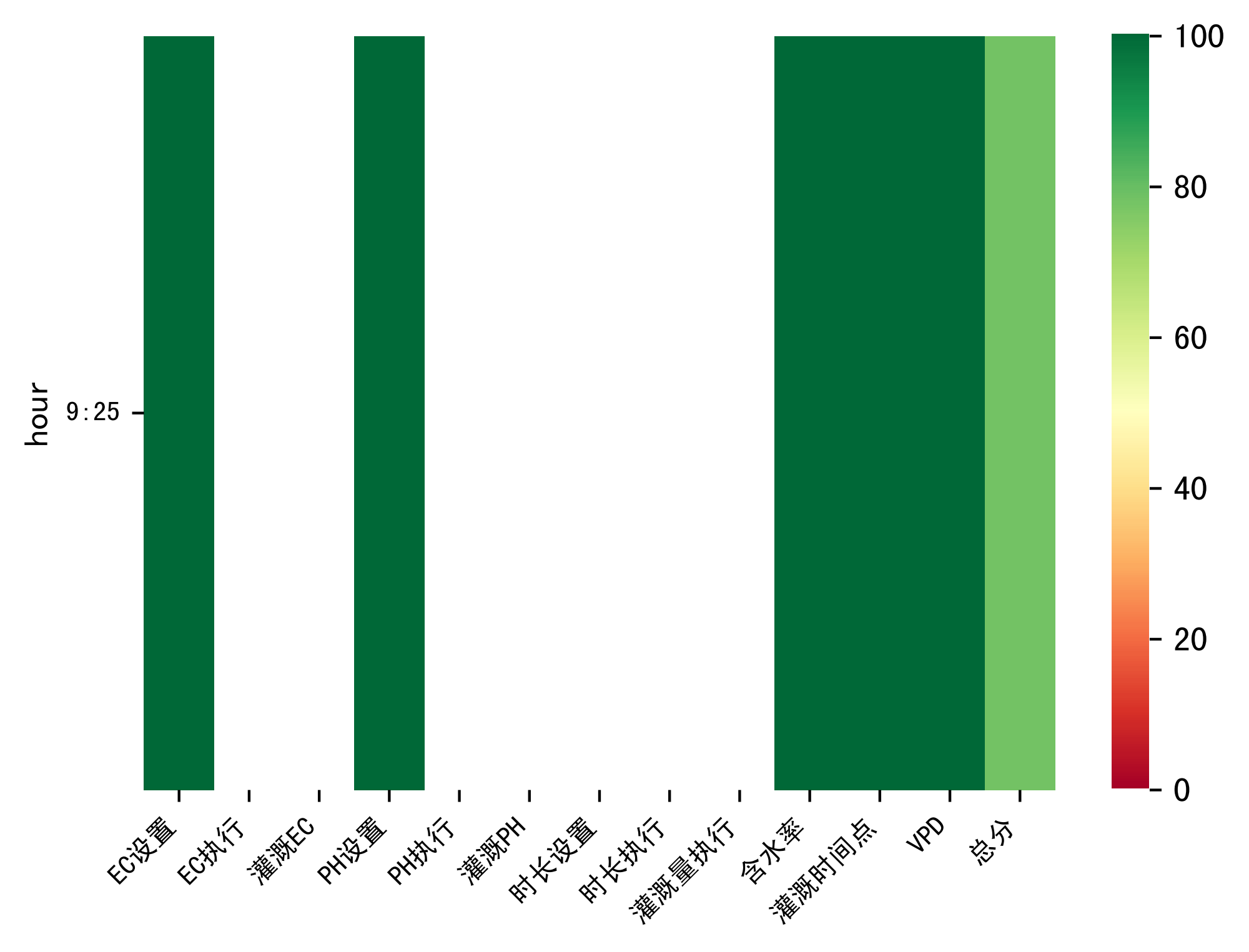
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:15	120	50.0	多云	假设@09:15 手动（未用传感器）
10:15	120	50.0	晴	假设@10:15 手动（未用传感器）
12:05	120	50.0	晴	假设@12:05 手动（未用传感器）
13:35	120	50.0	晴	假设@13:35 手动（未用传感器）
总计	480.0 (4次)	200.0		建议进液EC：1900.0， PH：6.0

施肥机灌溉量与预期值不符 (78.0 : 46.0)，可能由于一阀多区不均匀
默认实际灌溉46.0 ml.

P3-11_0, Day=17 (2025-04-19)



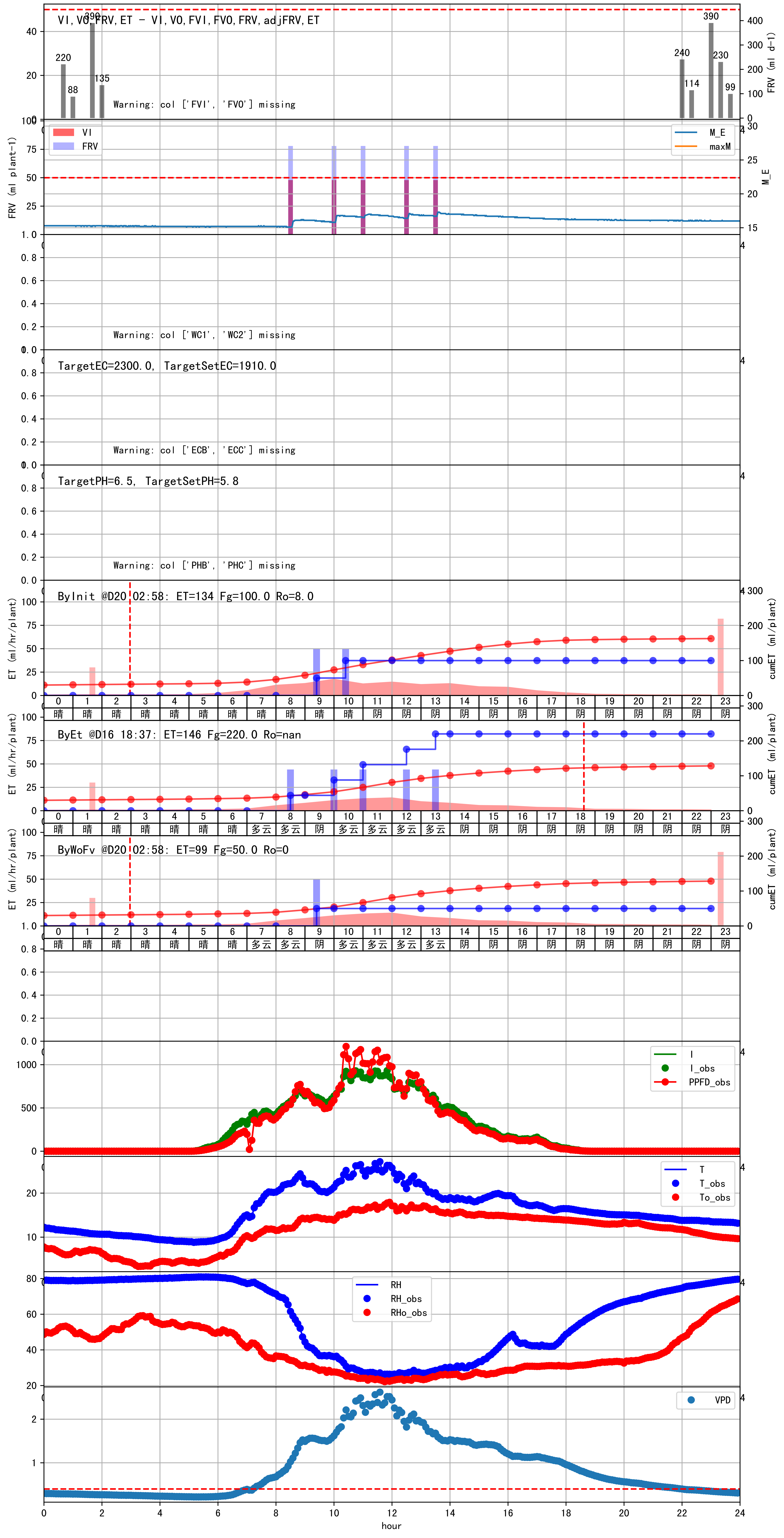

M_E
M_W
m
m=510, FV0=0
m=630, FV0=0
m=750, FV0=0
m=840,m FV0=0
m=510,m FV0=0
m=630,m FV0=0
m=750,m FV0=0
m=840,m FV0=0

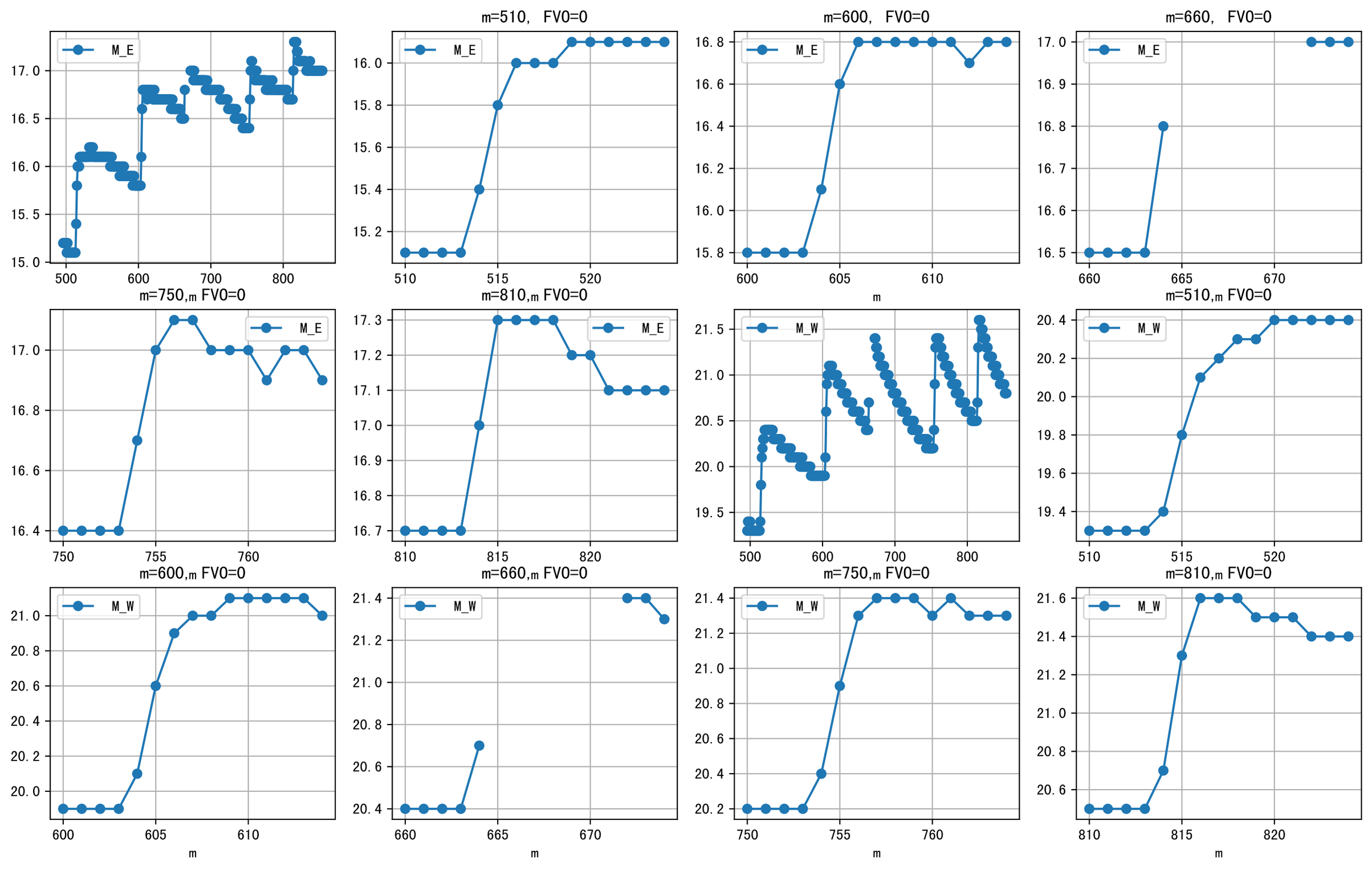

hour
9:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:25	120	50.0	阴	假设@09:25 手动（未用传感器）
总计	120.0 (1次)	50.0		建议进液EC：1910.0， PH：5.8

施肥机灌溉量与预期值不符 (78.0 : 46.0)，可能由于一阀多区不均匀
默认实际灌溉46.0 ml.
进回液EC差(2145.0 vs 3080.0)偏高

P3-11_0, Day=16 (2025-04-18)




M_E
M_W
m=510, FV0=0
m=600, FV0=0
m=660, FV0=0
m=750,m FV0=0
m=810,m FV0=0
m=510,m FV0=0
m=600,m FV0=0
m=660,m FV0=0
m=750,m FV0=0
m=810,m FV0=0
m