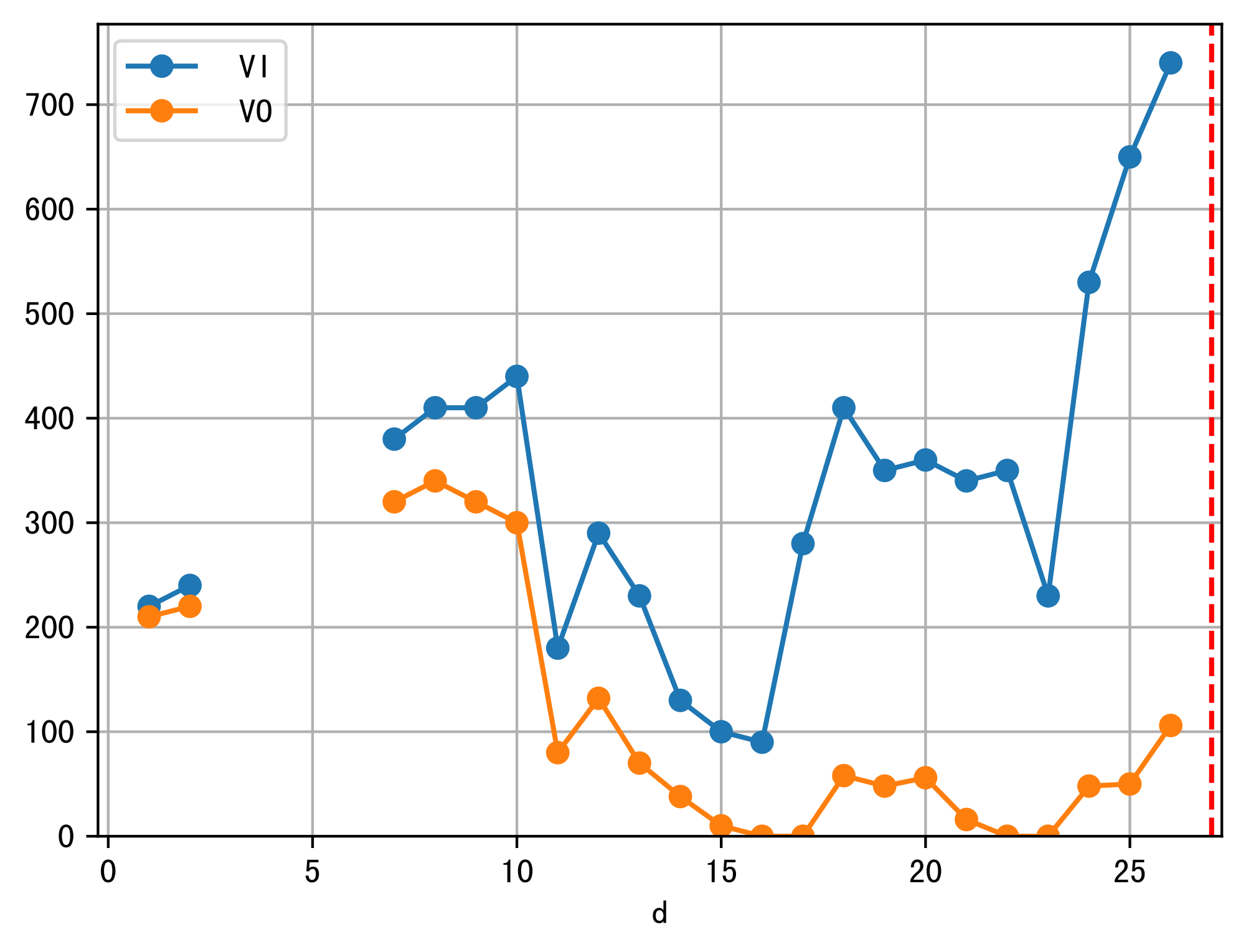
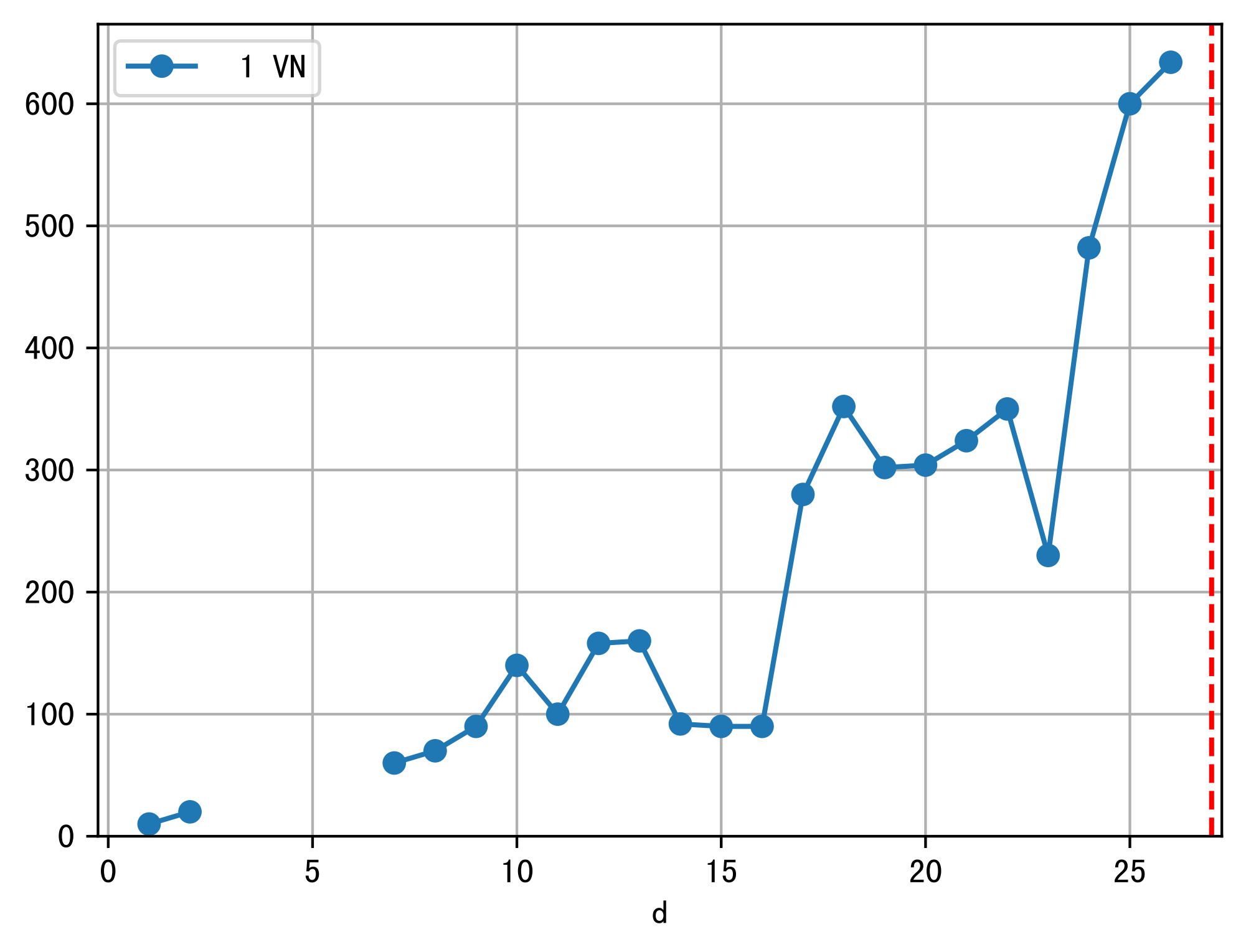
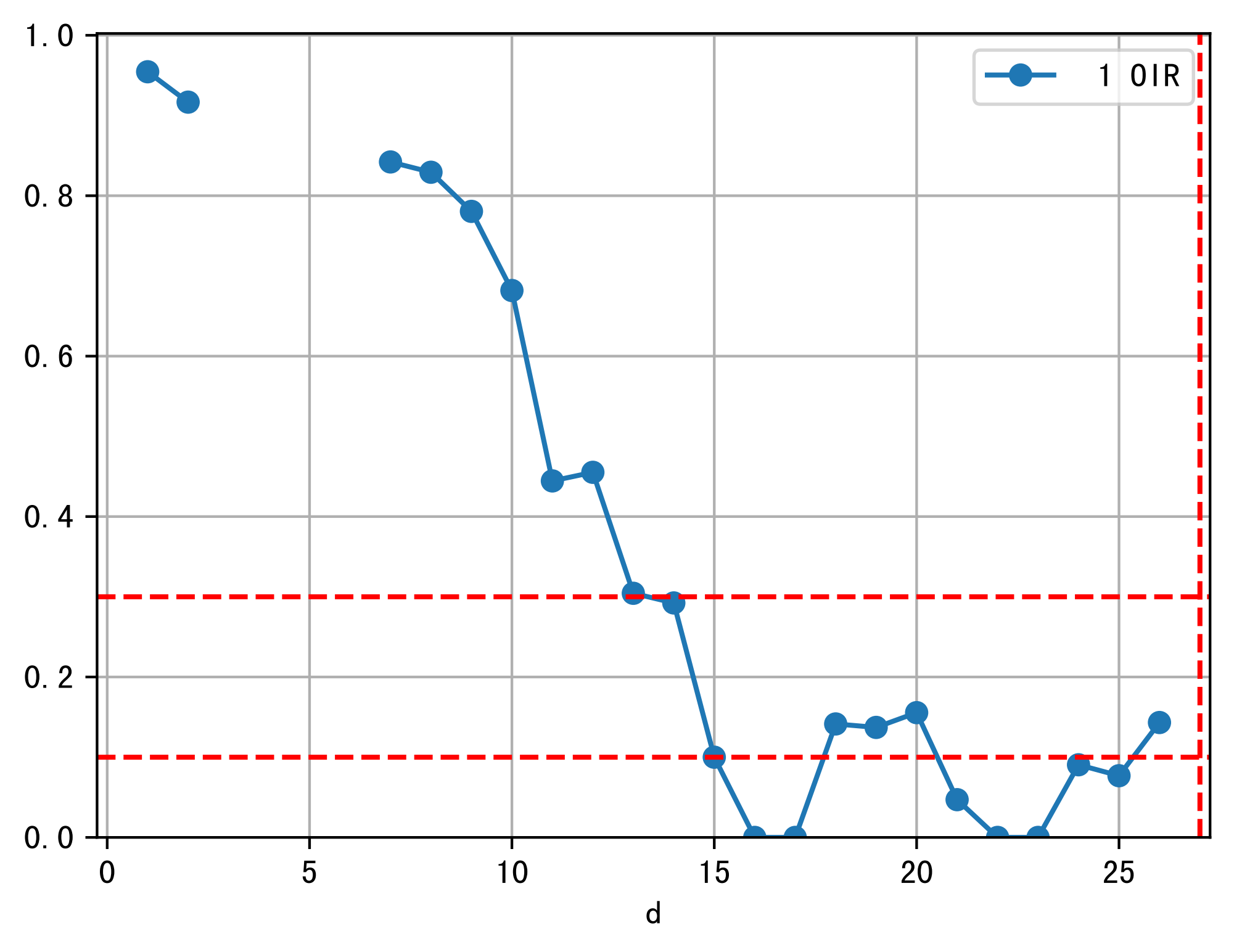
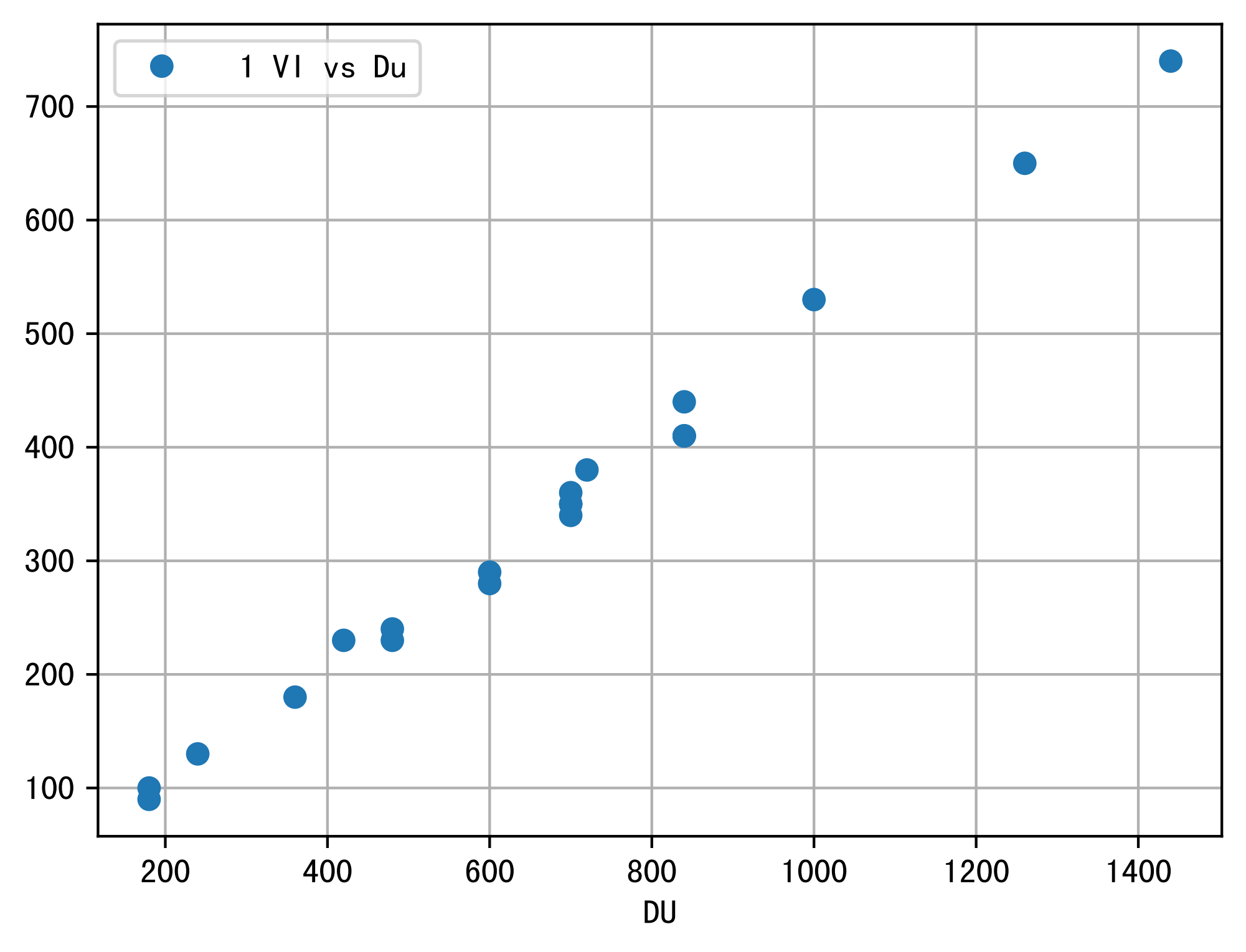
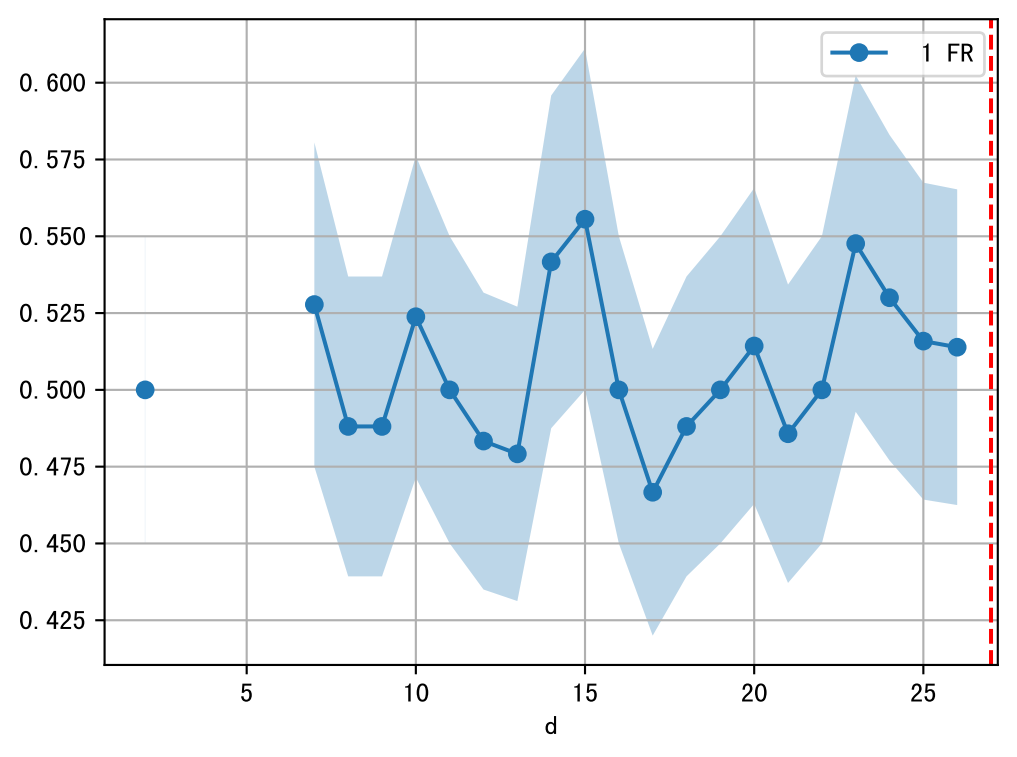
FgArea: ['0']
NC11 P3-2
2025-04-25 (Day 27)

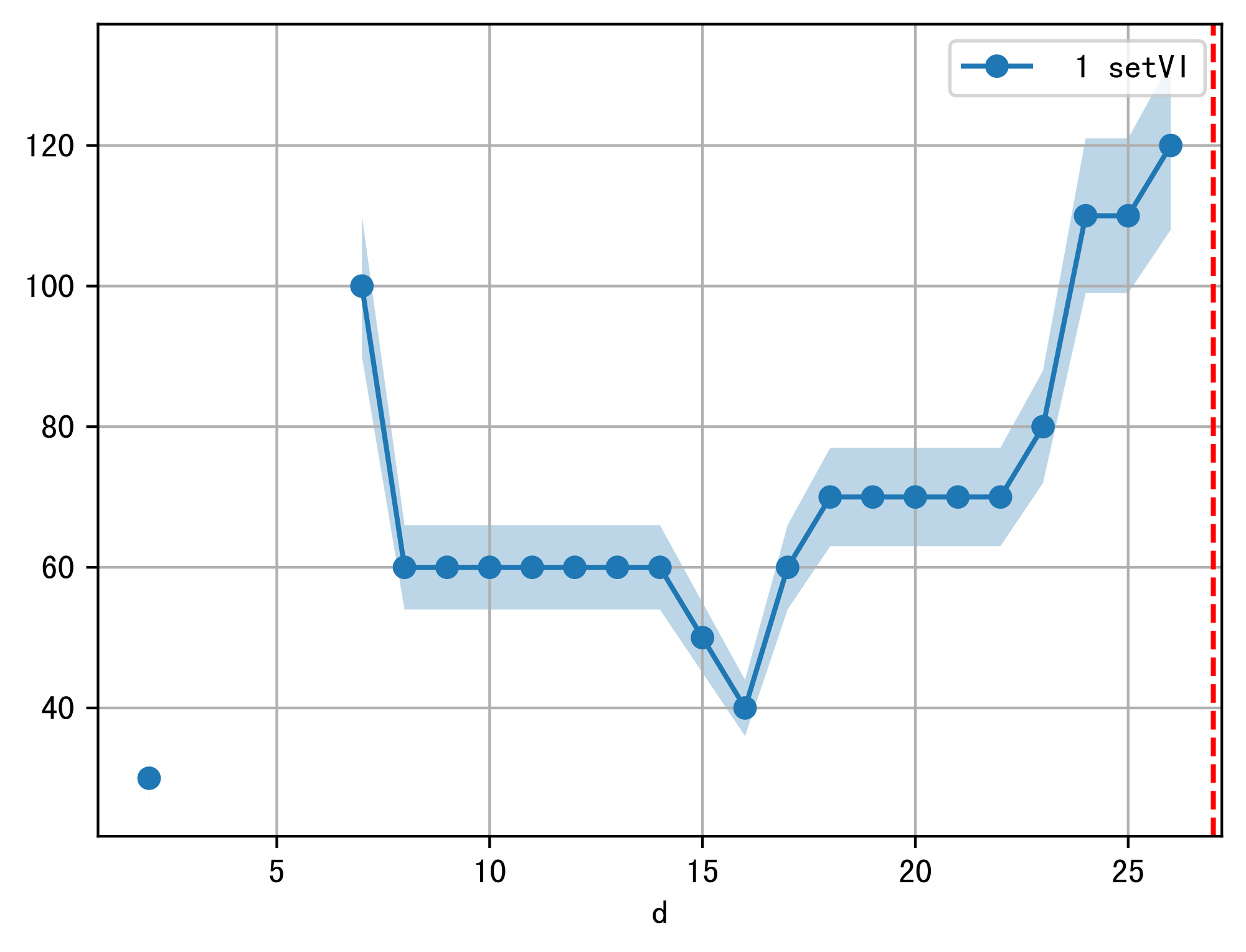

VI
V0
700
600
500
400
300
200
100
0
0
5
10
15
20
25
d

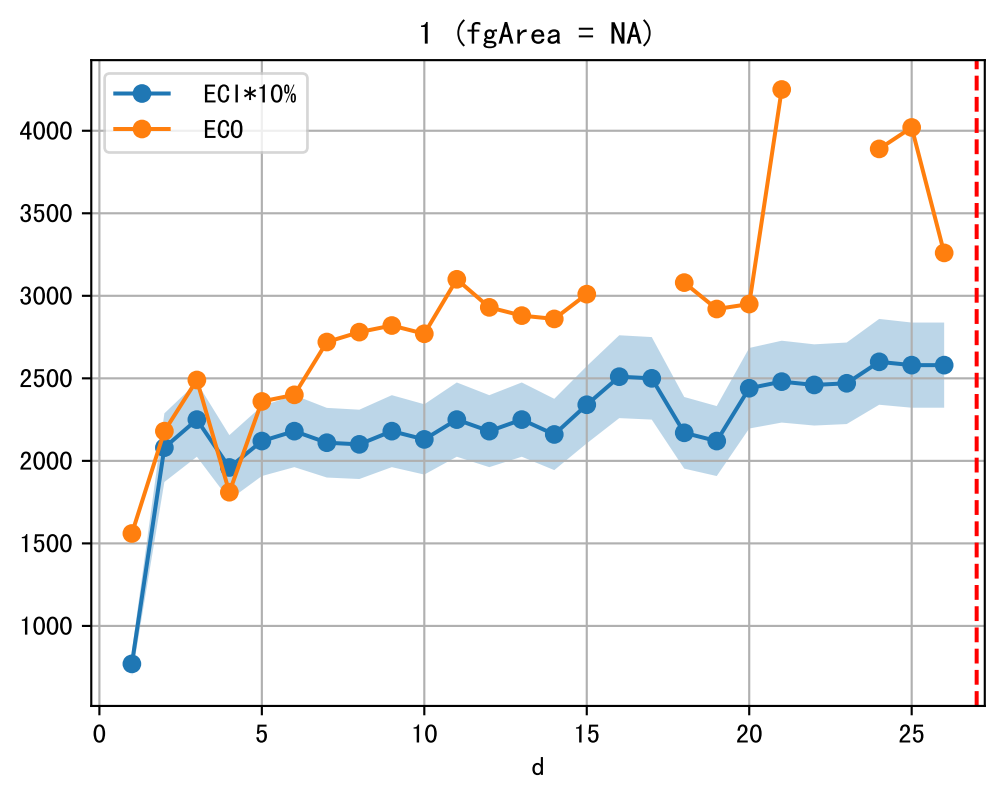

1 VN
600
500
400
300
200
100
0
0
5
10
15
20
25
d

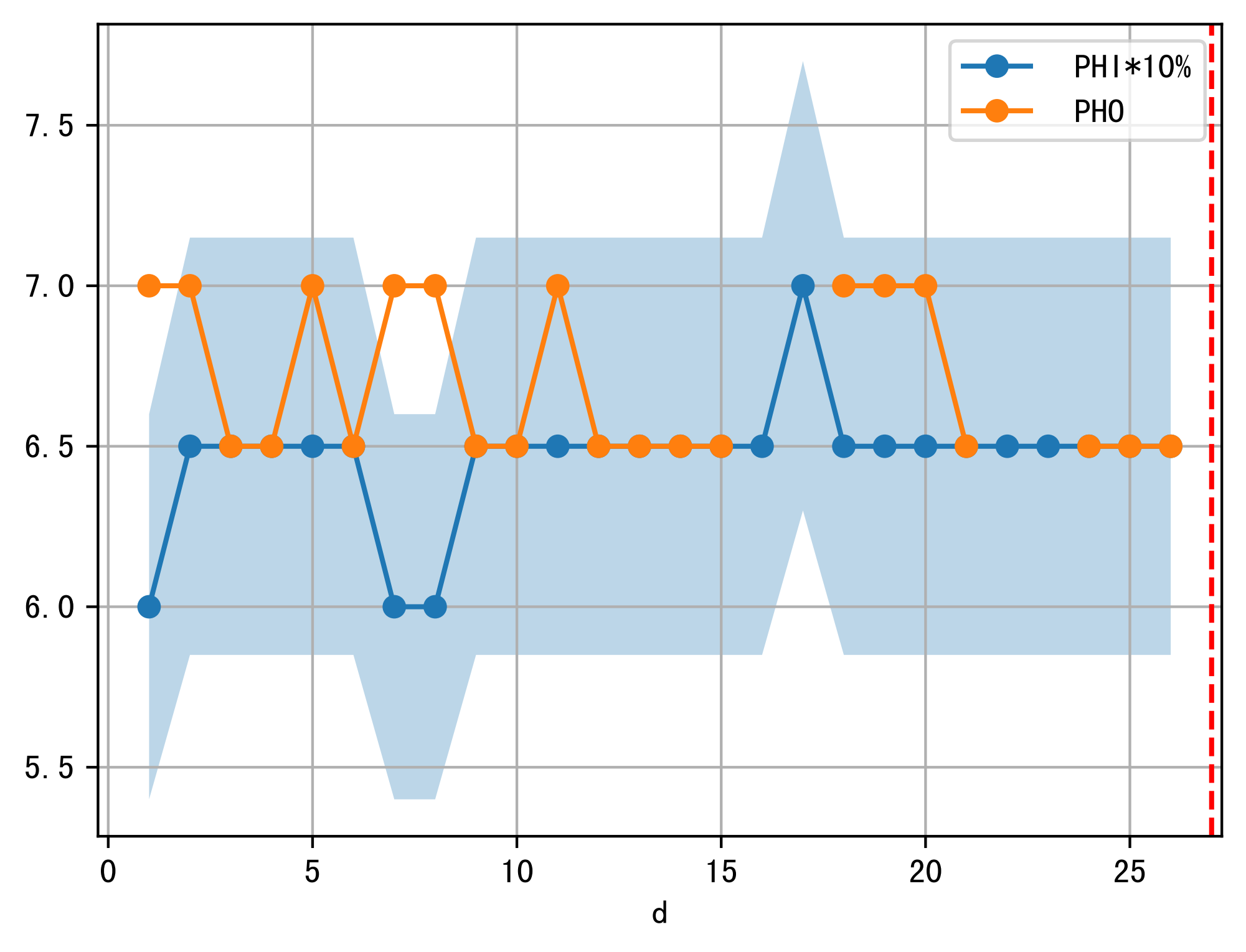

1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
d
1 0IR

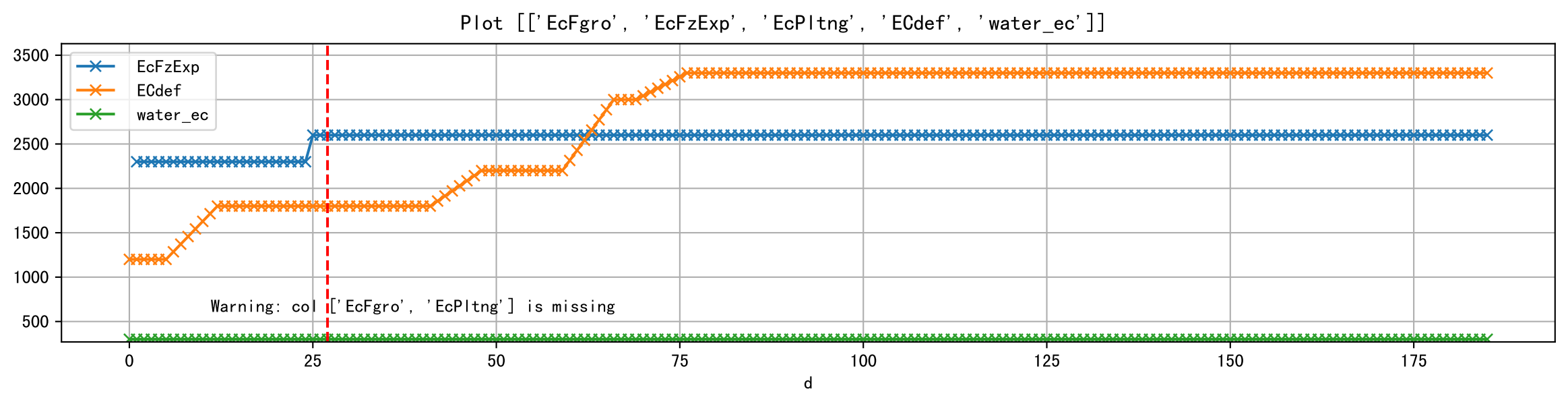

1 VI vs Du
700
600
500
400
300
200
100
200
400
600
800
1000
1200
1400
DU

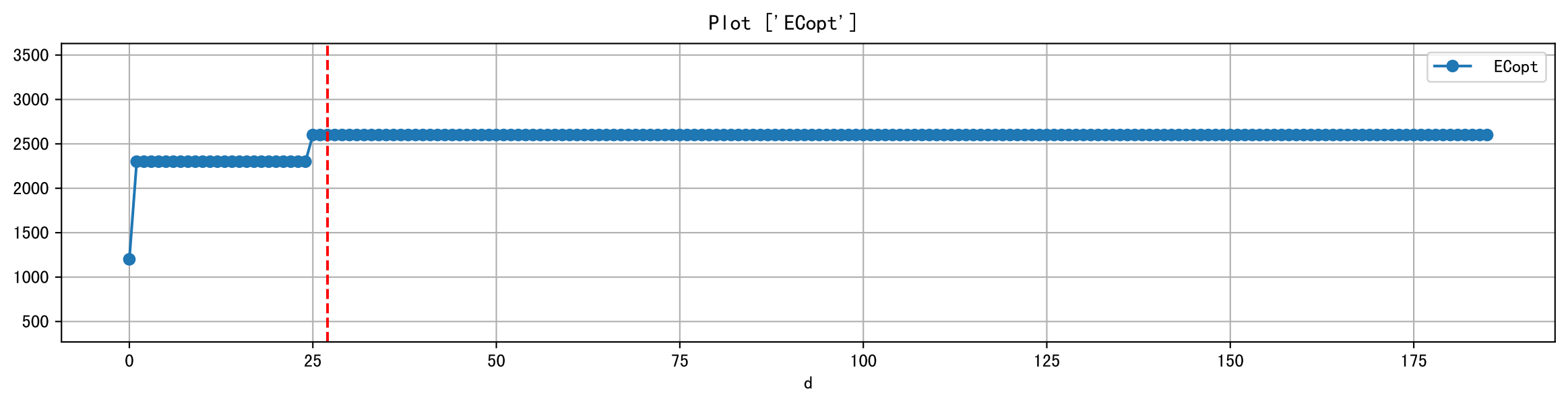

1 FR
0. 600
0. 575
0. 550
0. 525
0. 500
0. 475
0. 450
0. 425
5
10
15
20
25
d


1 setVI
120
100
80
60
40
5
10
15
20
25
d

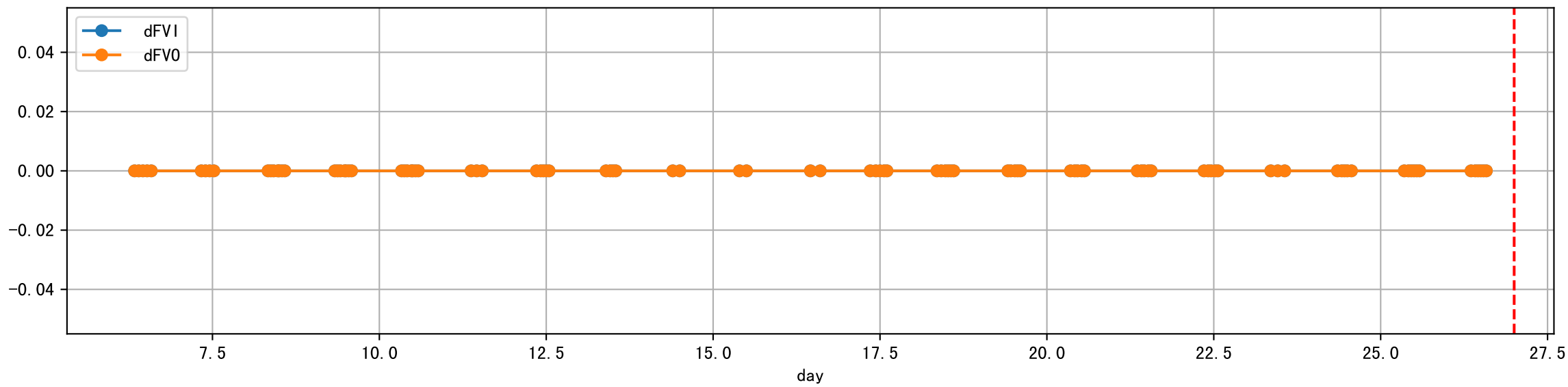

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
0
5
10
15
20
25
d

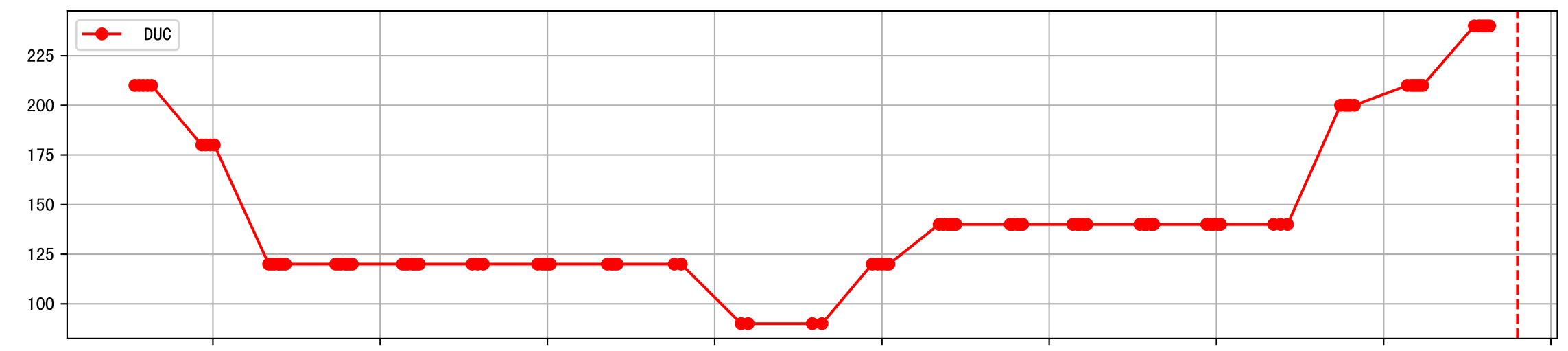

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
5
10
15
20
25
d

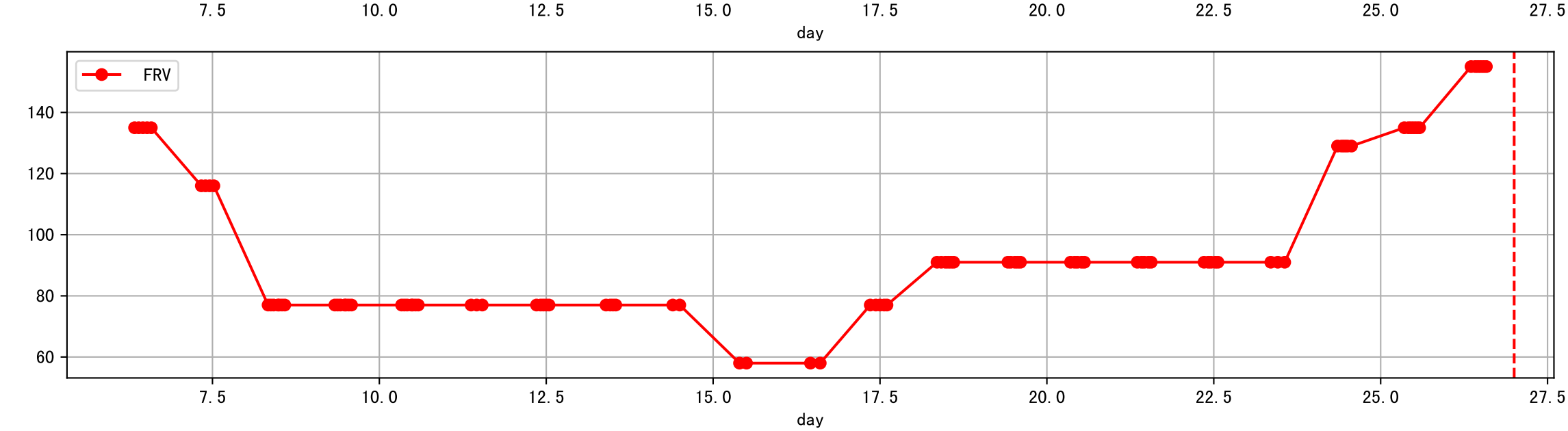

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

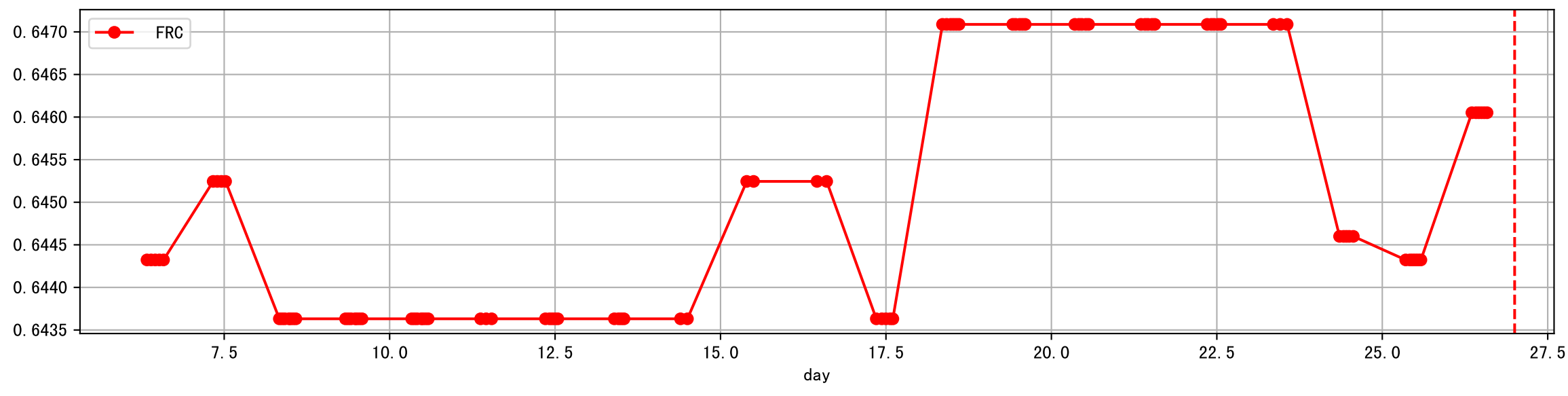

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

Plot Sensor and FgRec Data

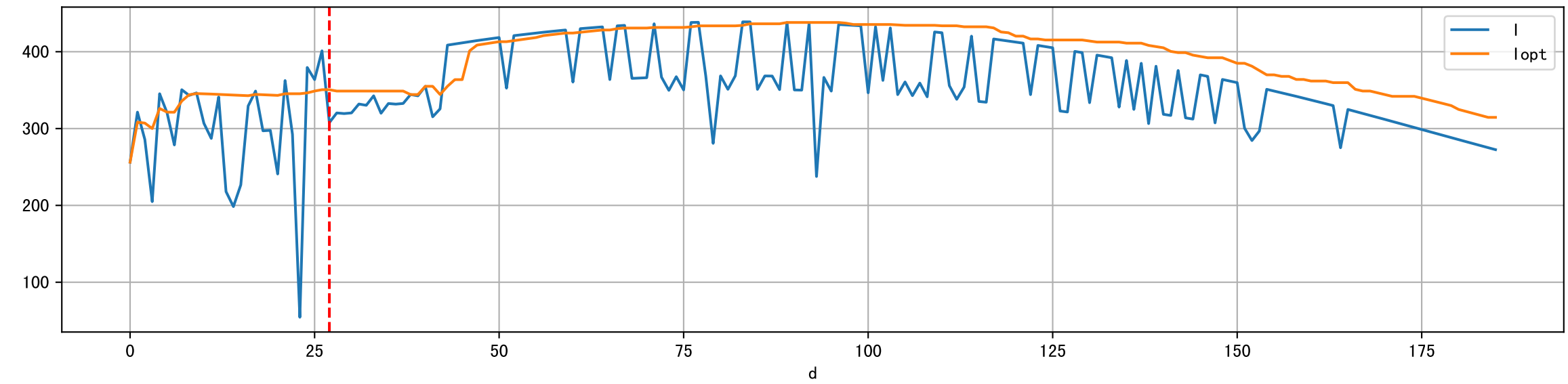


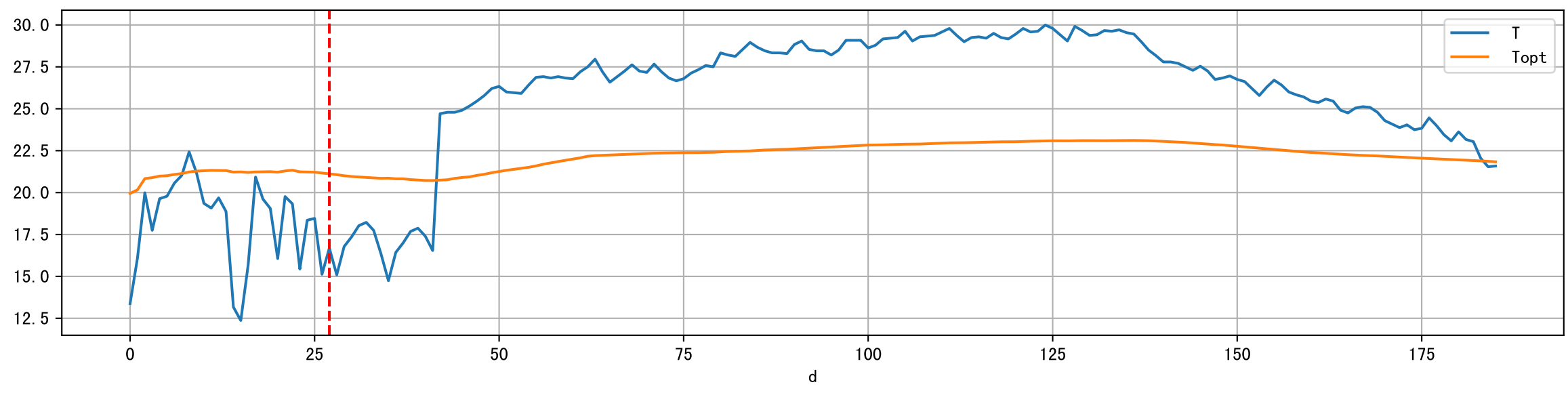


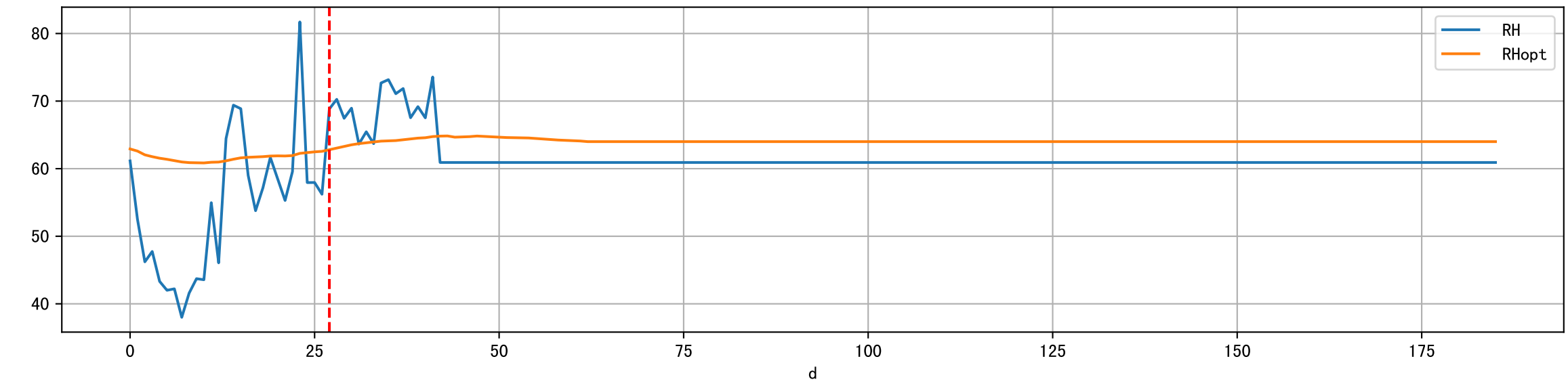


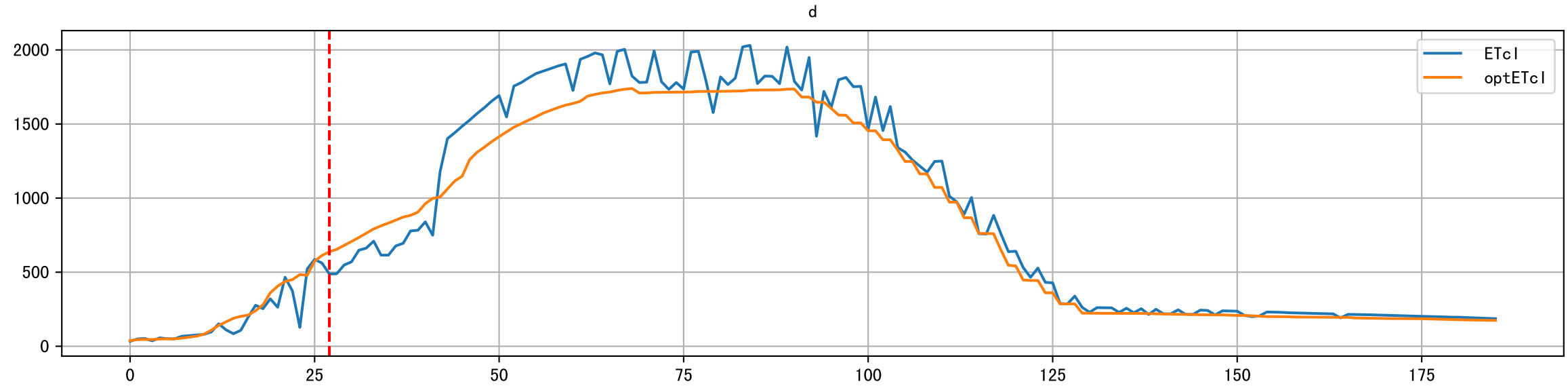


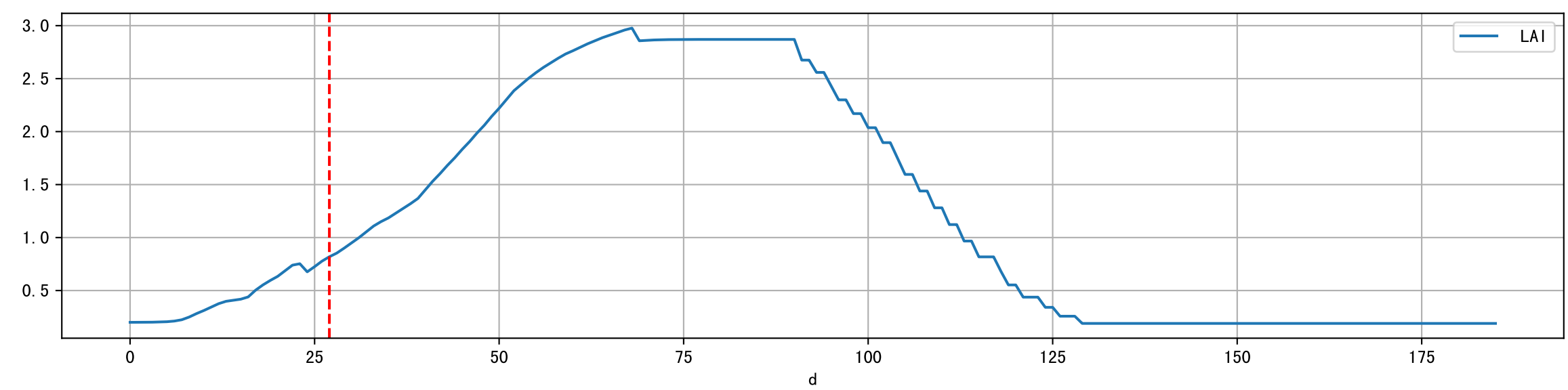
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

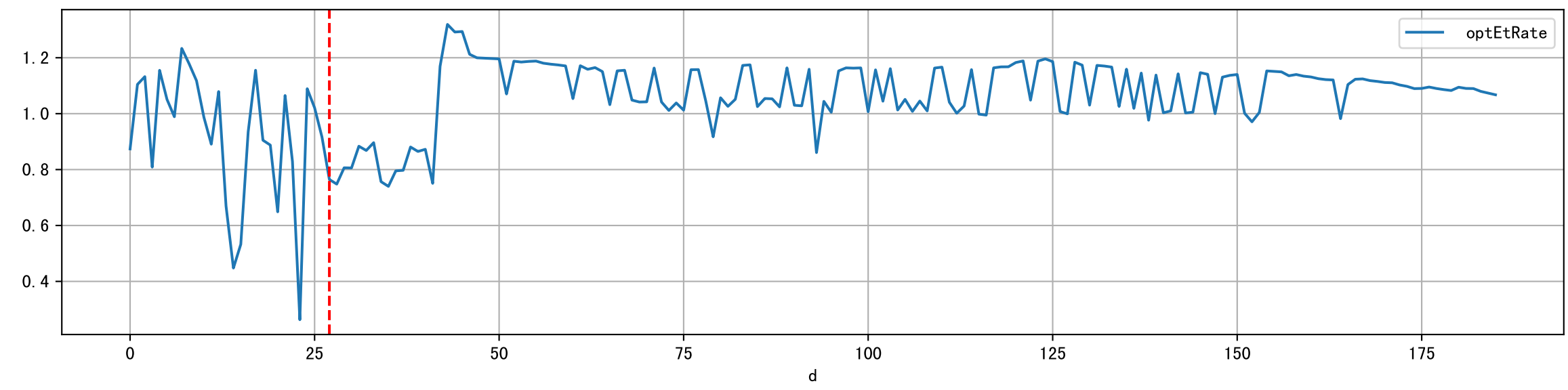


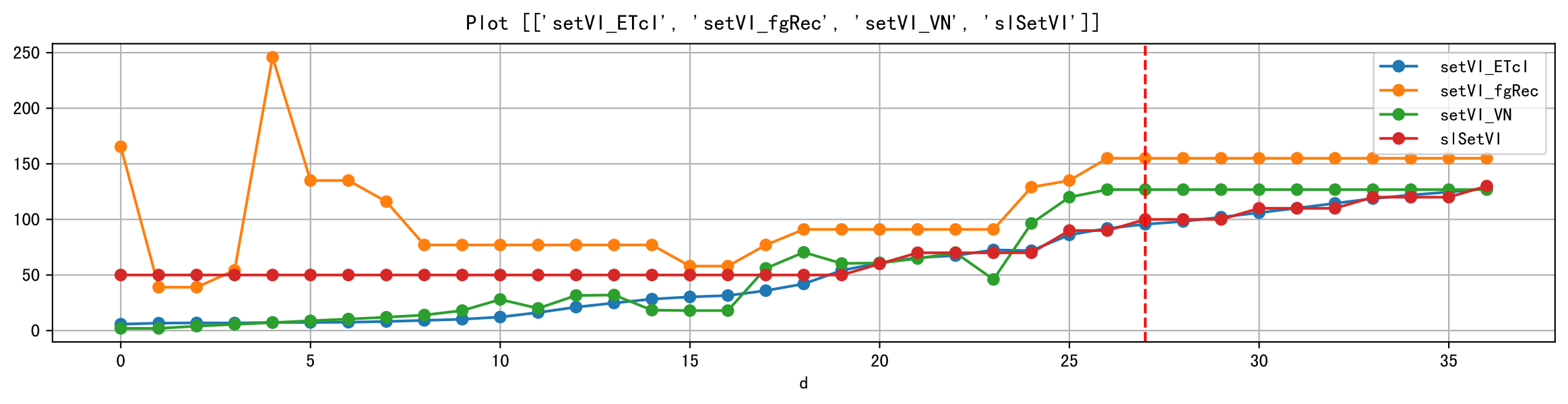


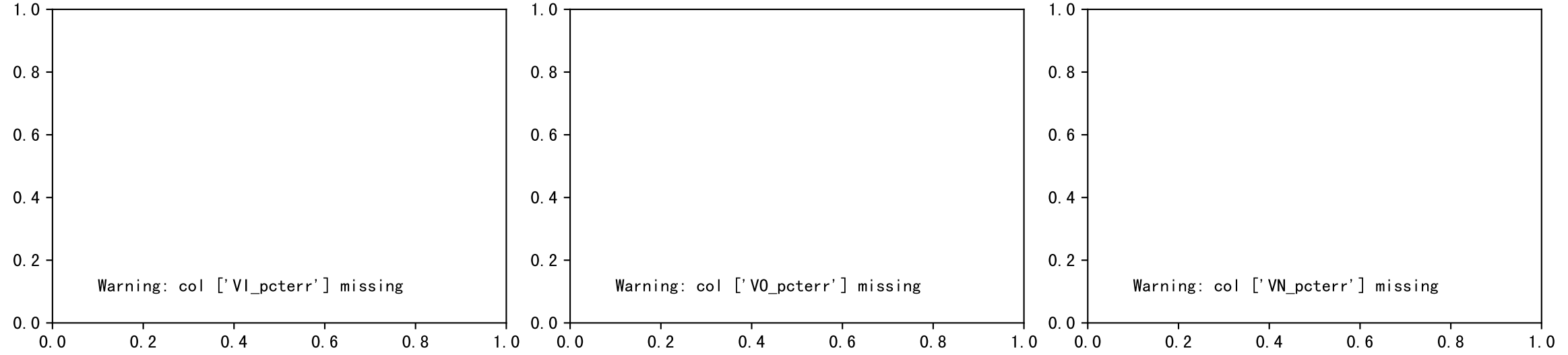


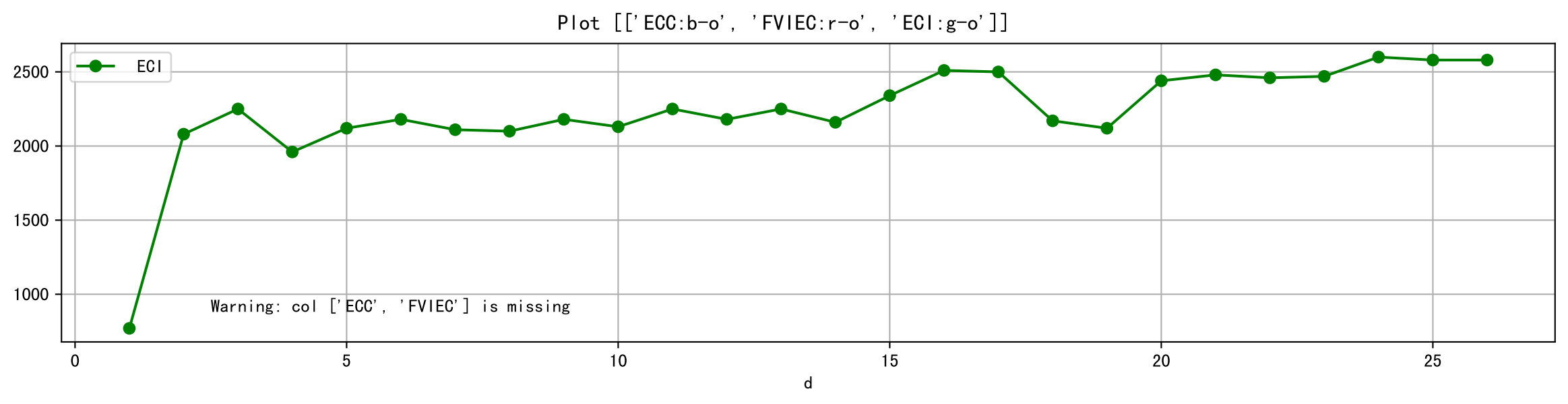


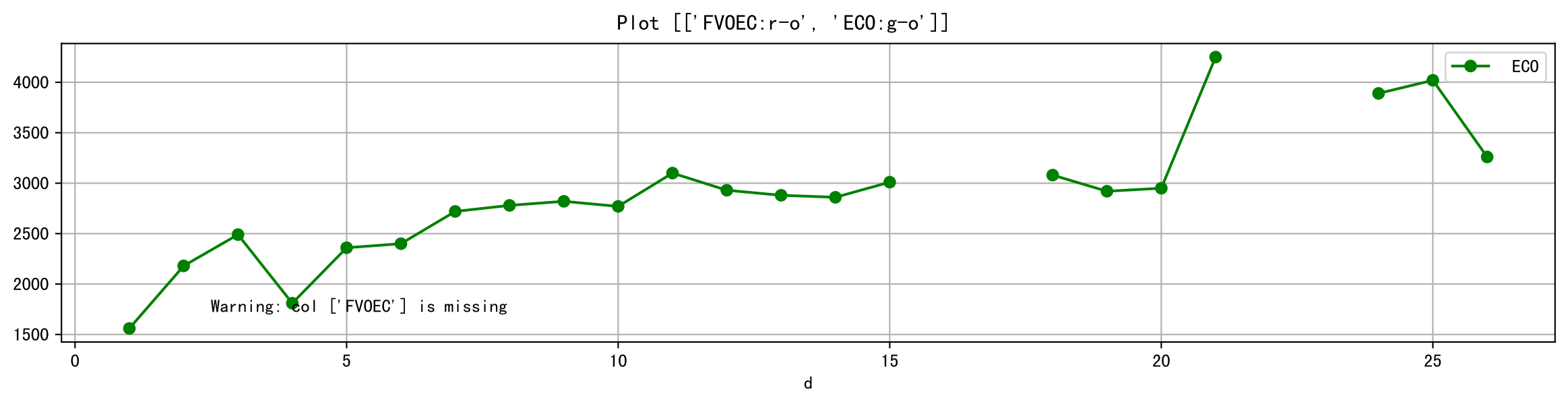


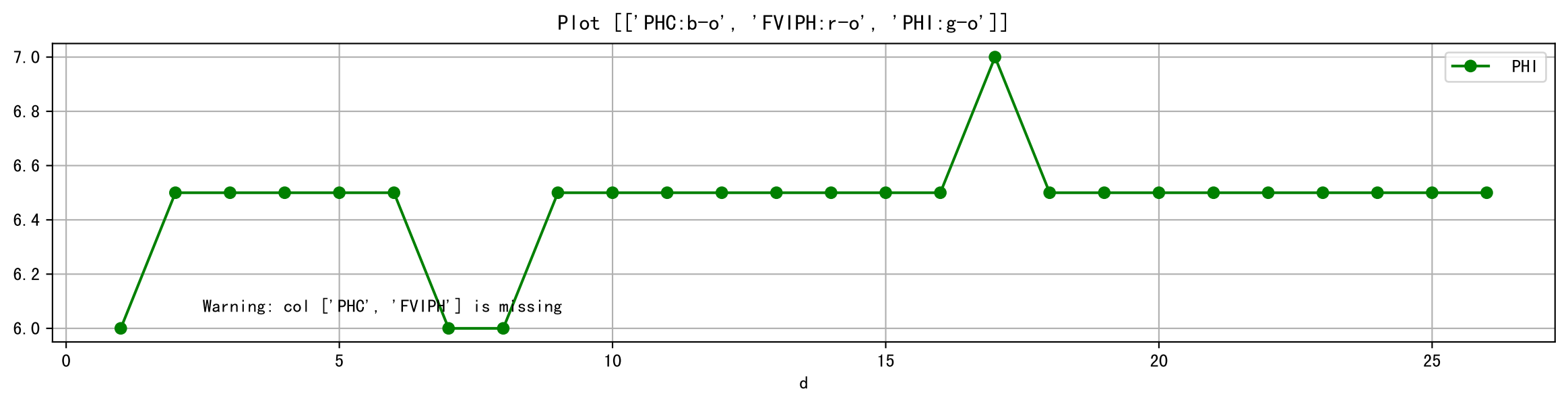


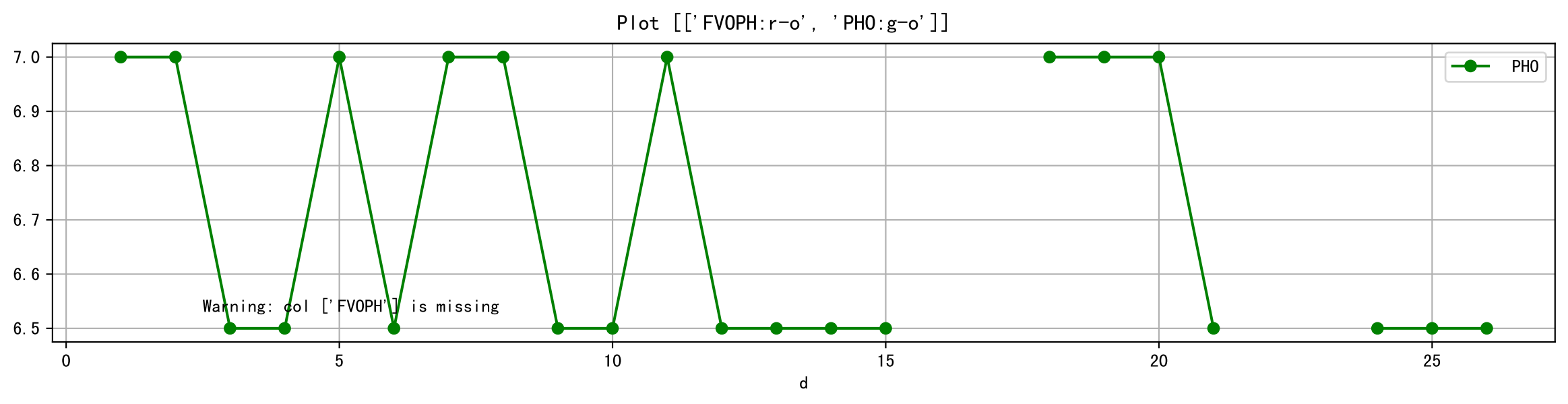

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
250
200
150
100
50
0
0
5
10
15
20
25
30
35
d

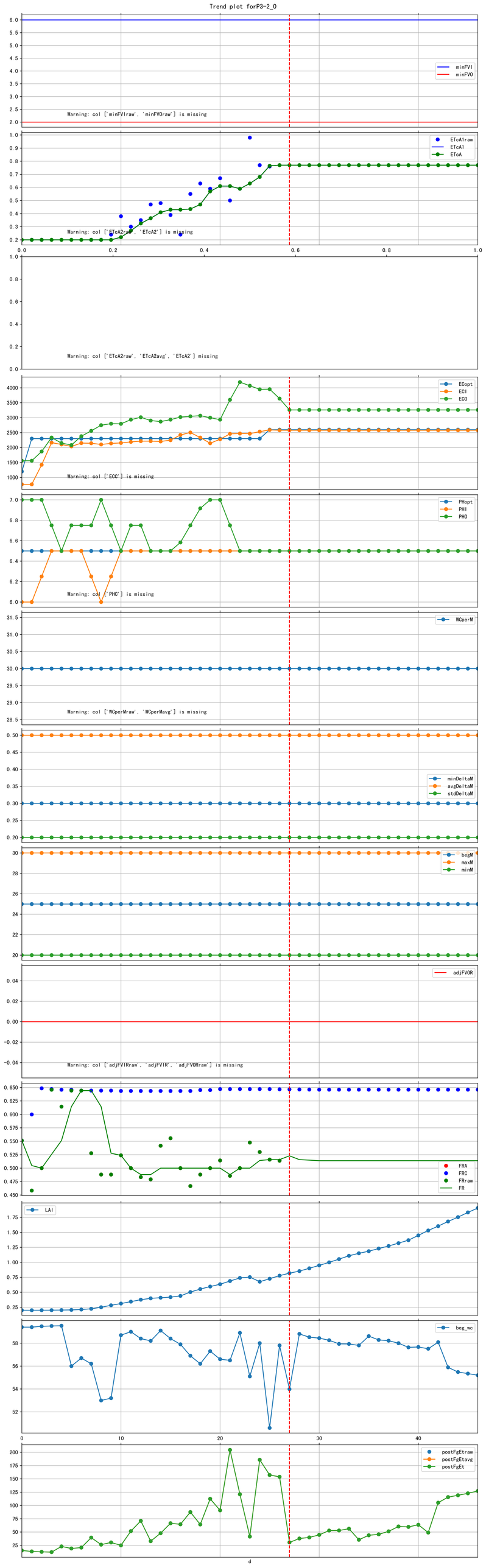

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

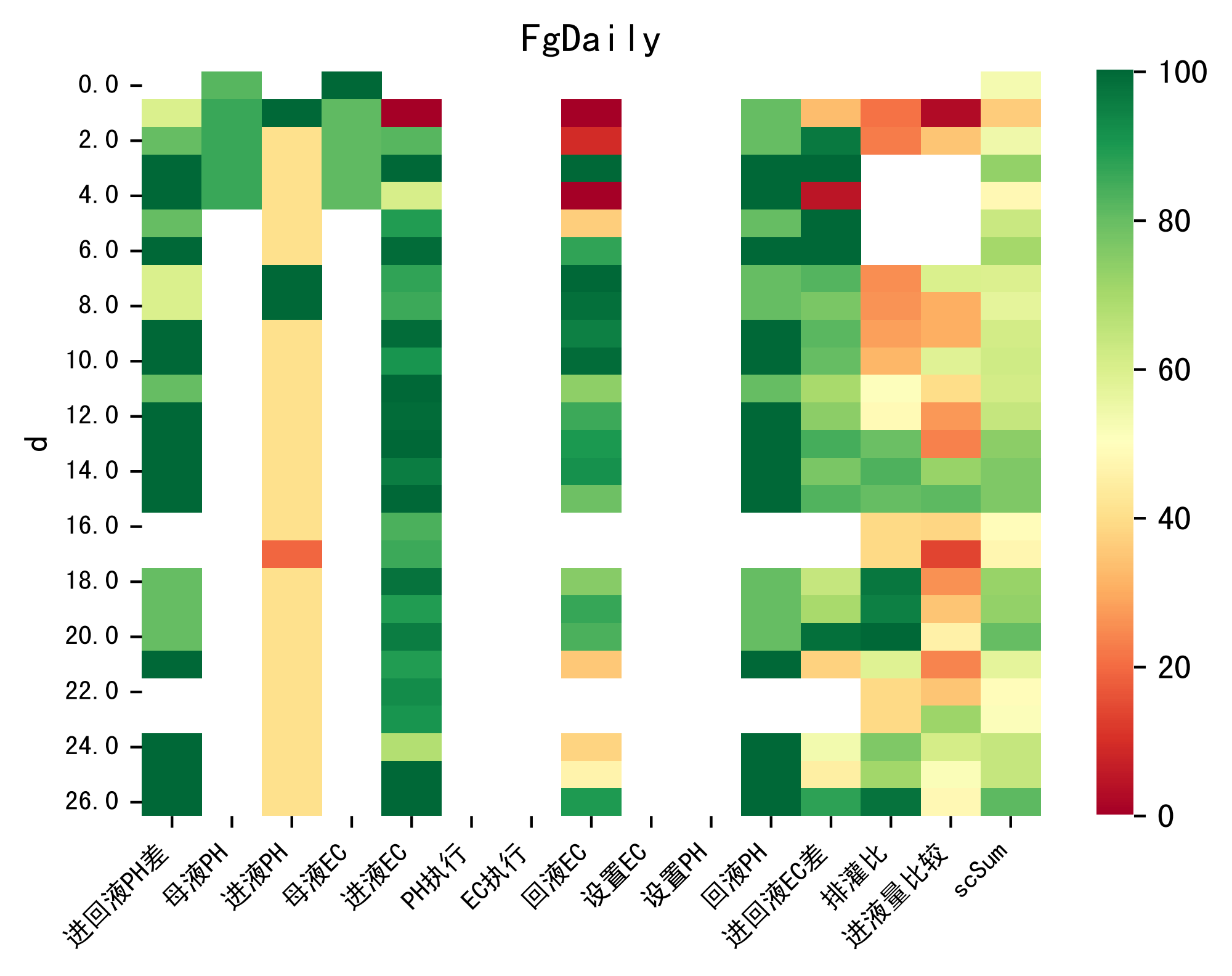

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2500
2000
1500
1000
0
5
10
15
20
25
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
4000
3500
3000
2500
2000
1500
0
5
10
15
20
25
d

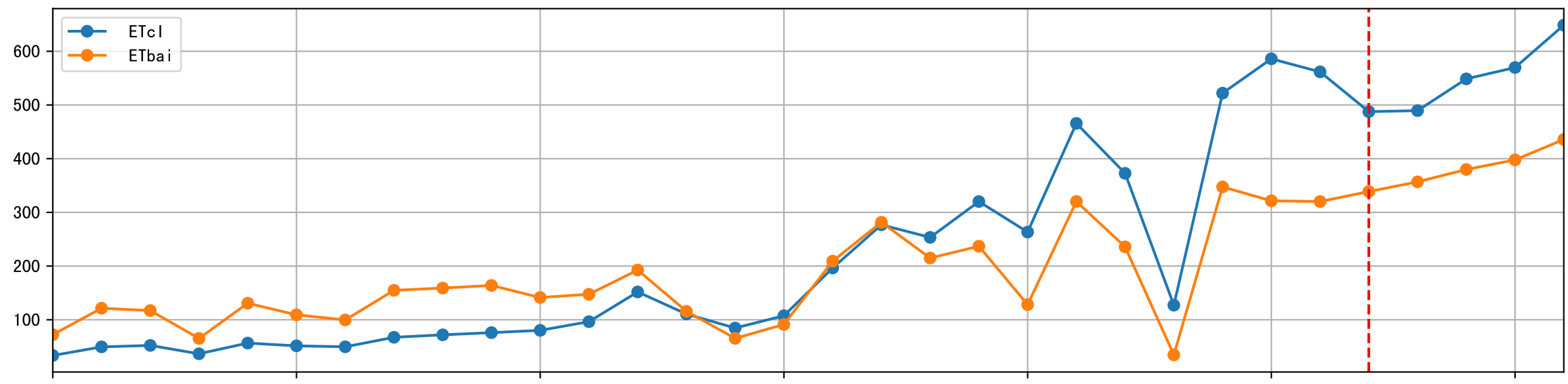

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
5
10
15
20
25
d

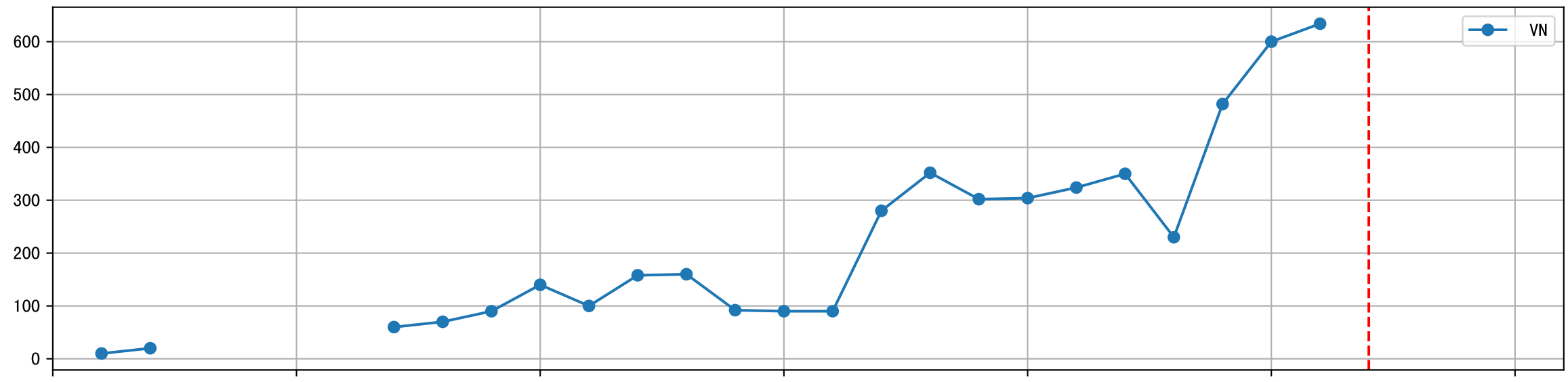

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
5
10
15
20
25
d

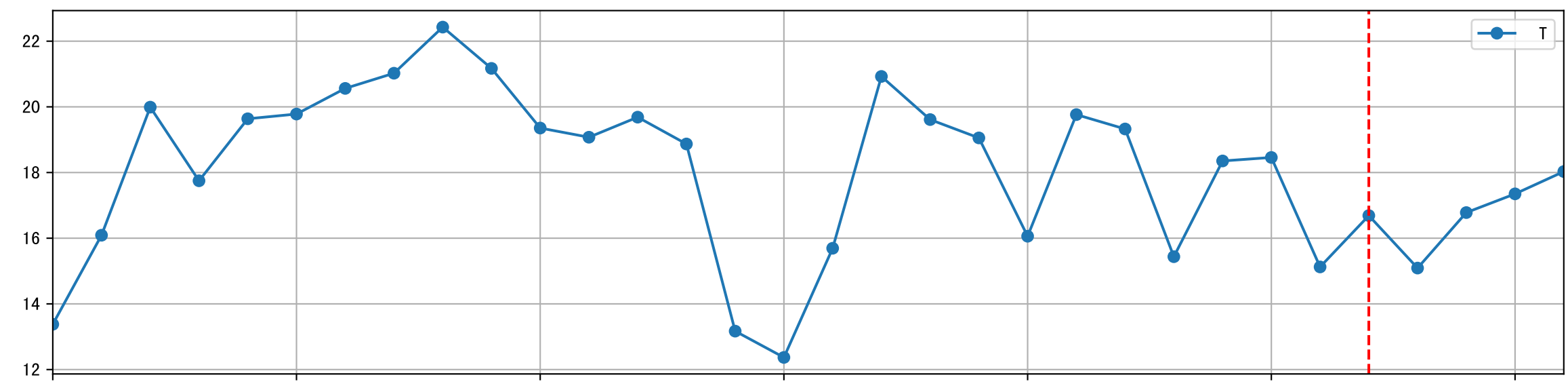

Trend plot forP3-2_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
EC1
EC0
Warning: col ['ECC'] is missing
PHopt
PH1
PH0
Warning: col ['PHC'] is missing
WCperM
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

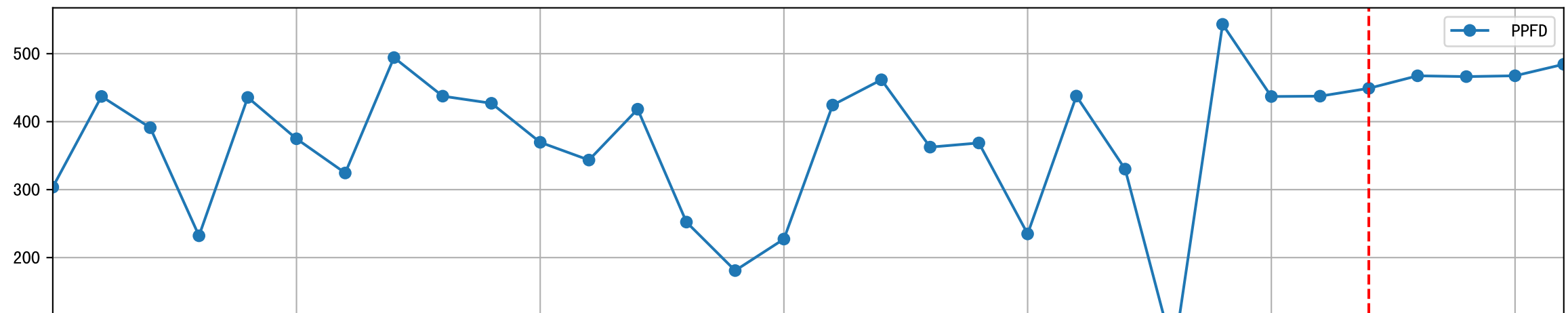

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
100
80
60
40
20
0
进回液PH差
母液PH
进液PH
母液EC
进液EC
PH执行
EC执行
回液EC
设置EC
设置PH
回液PH
进回液EC差
排灌比
进液量比较
scSum

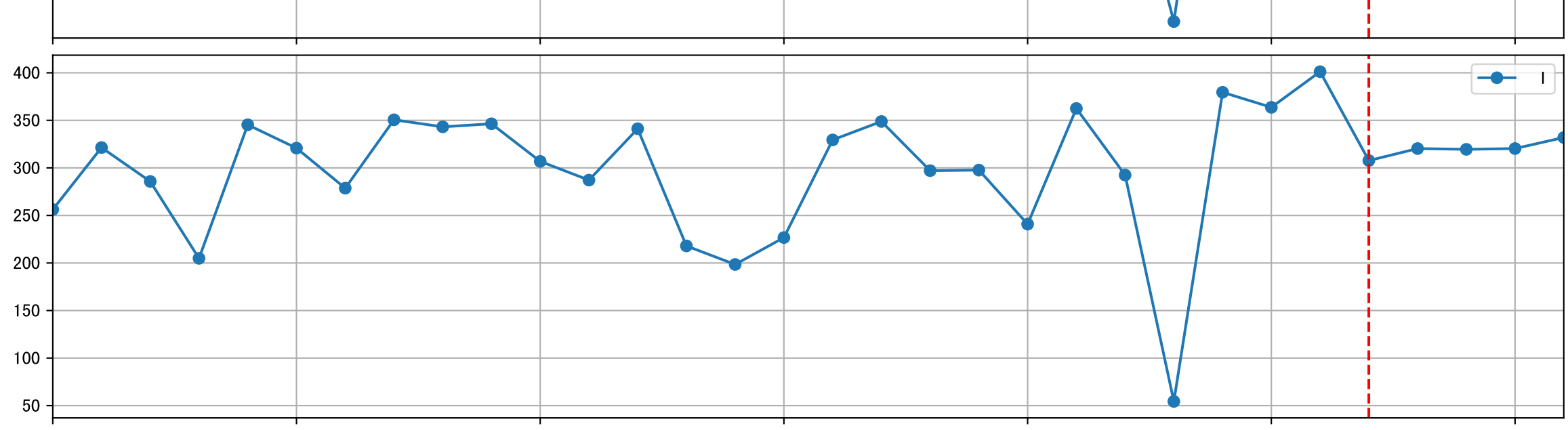
P3-2_0

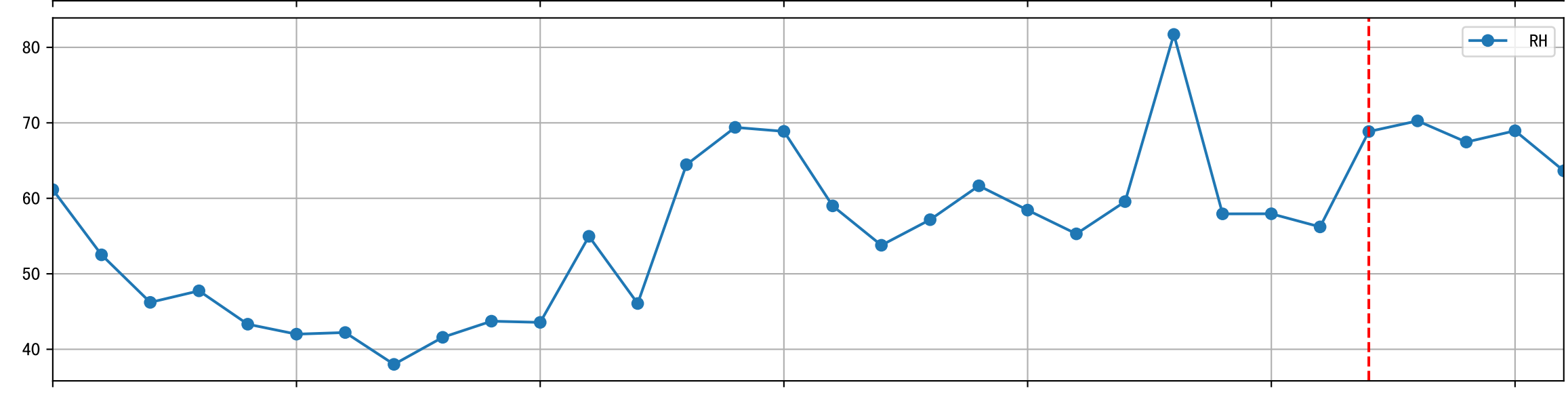


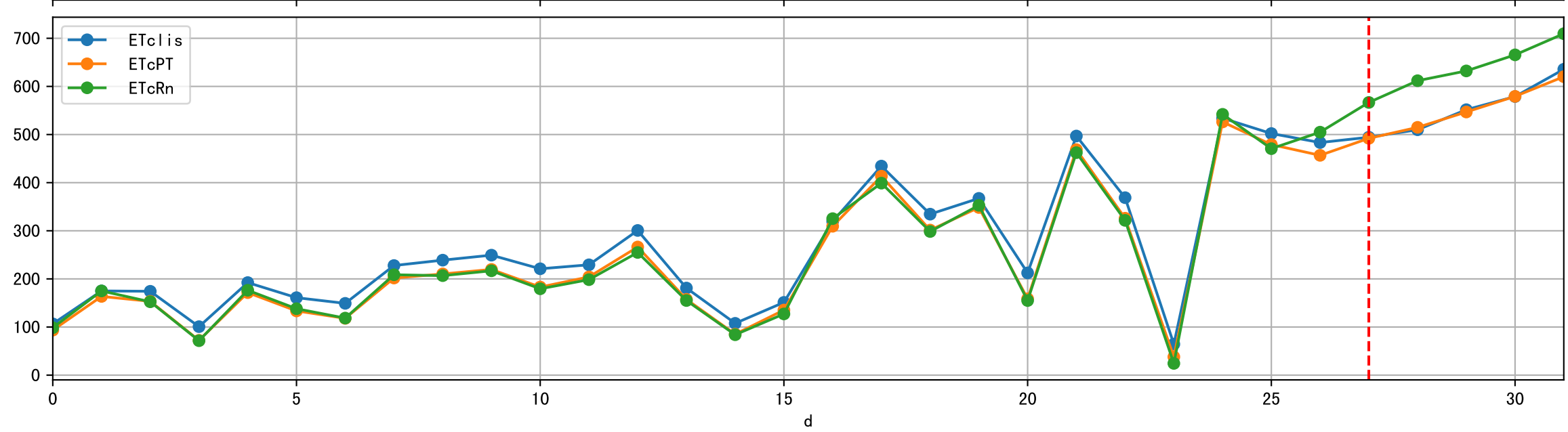


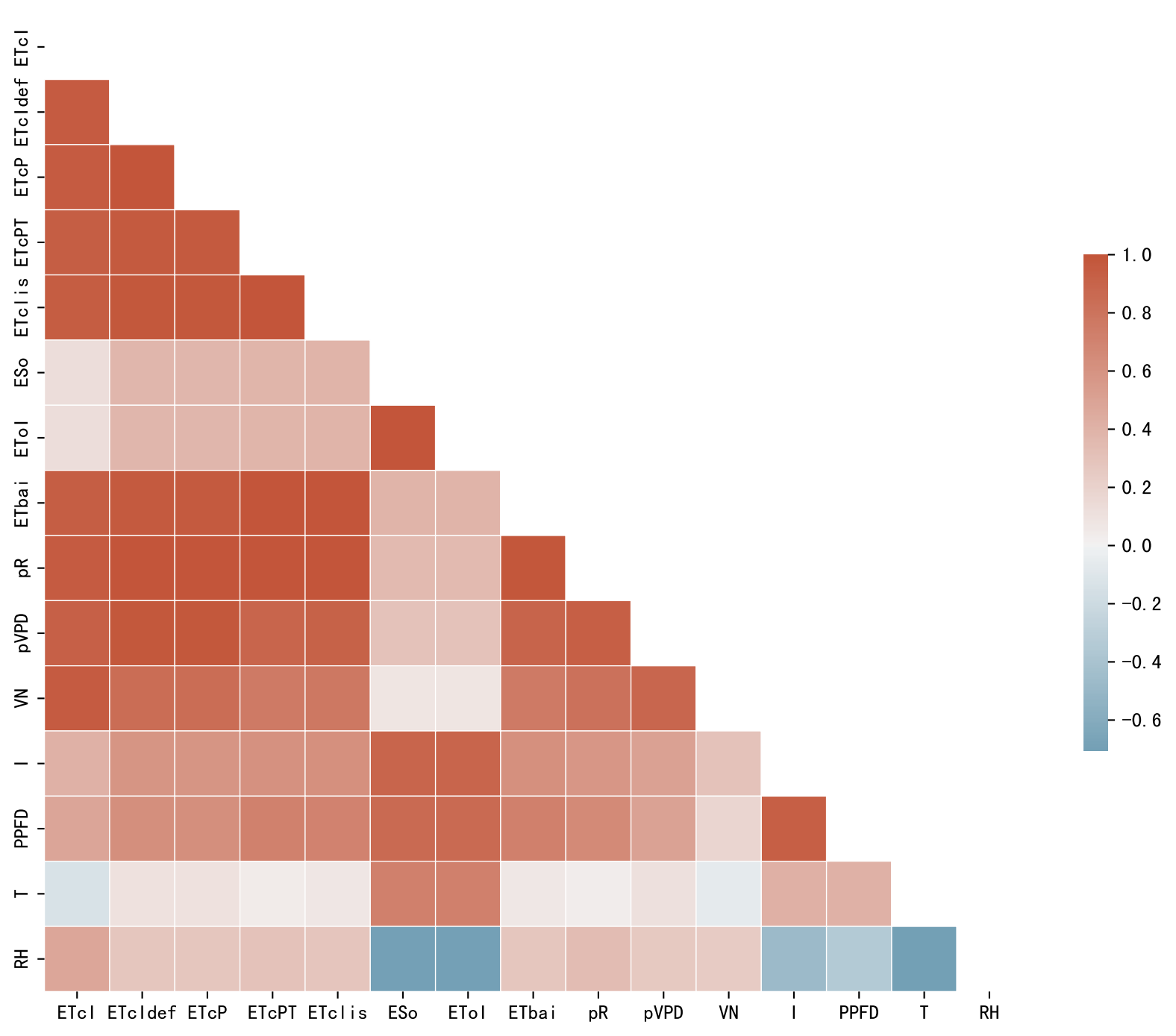


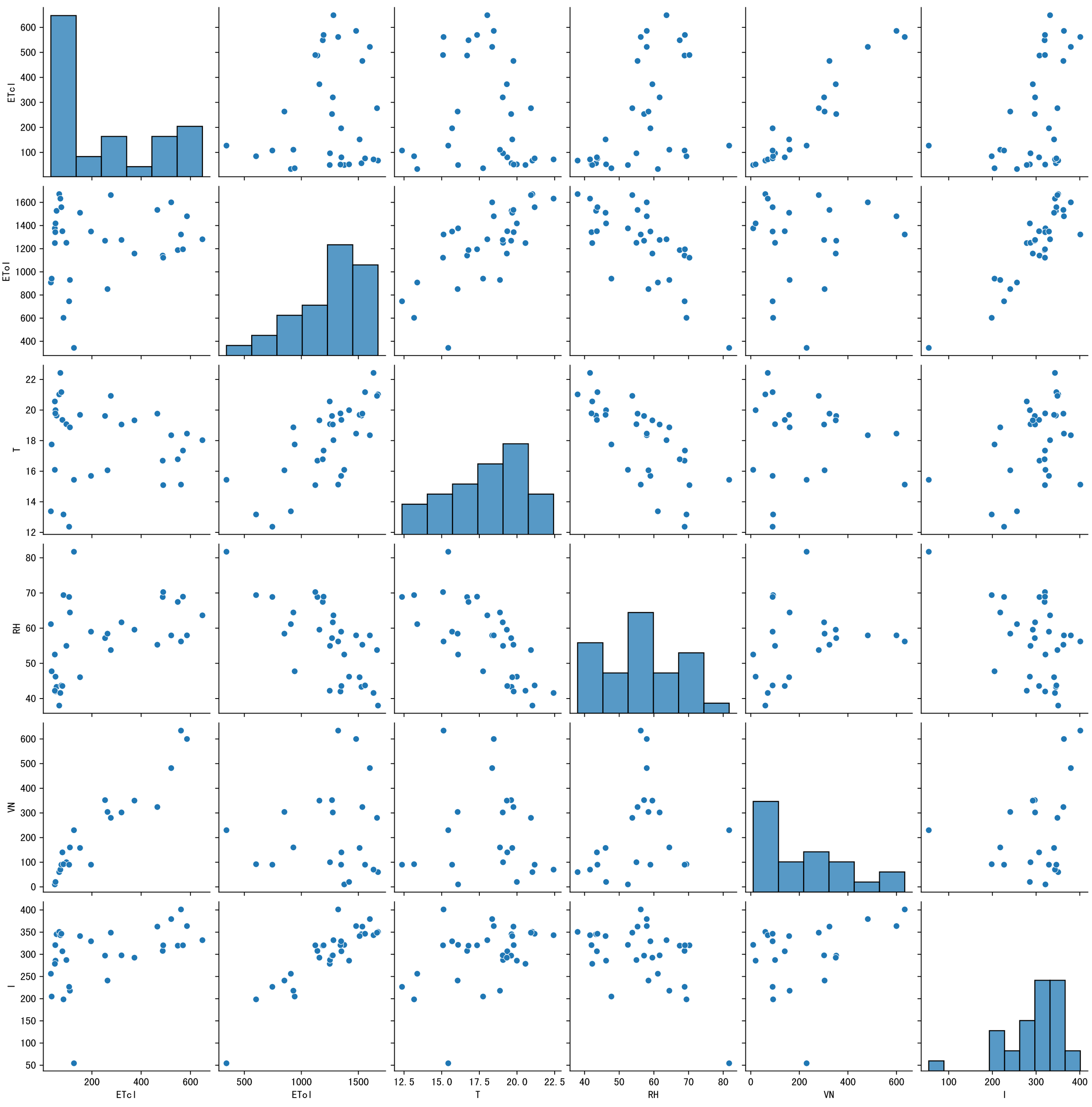


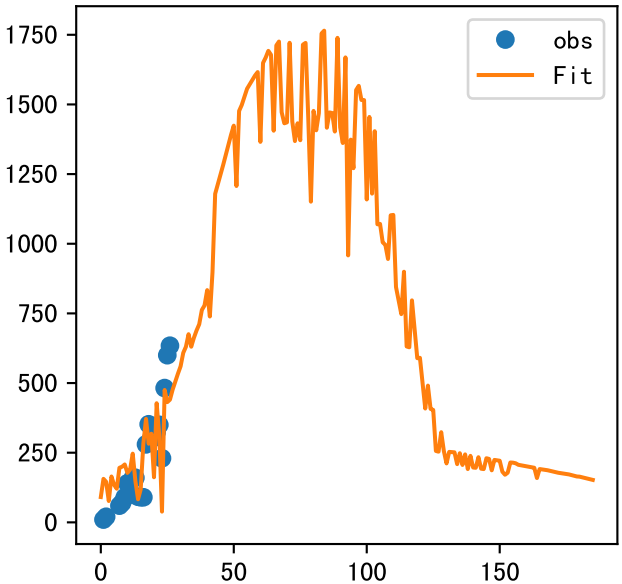


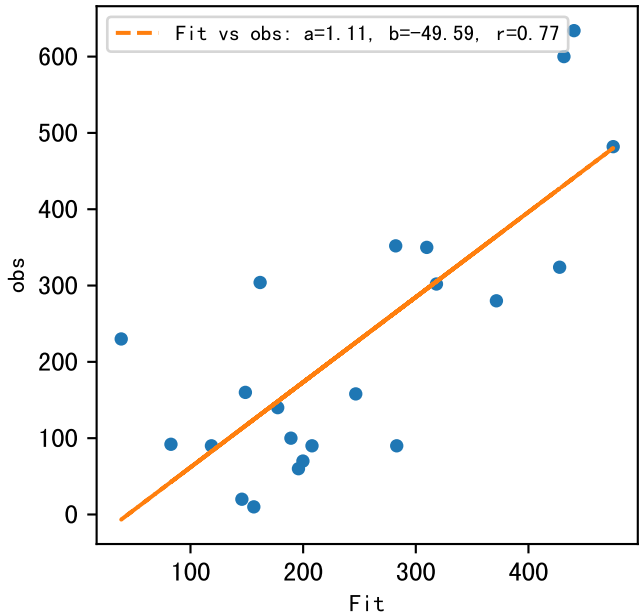




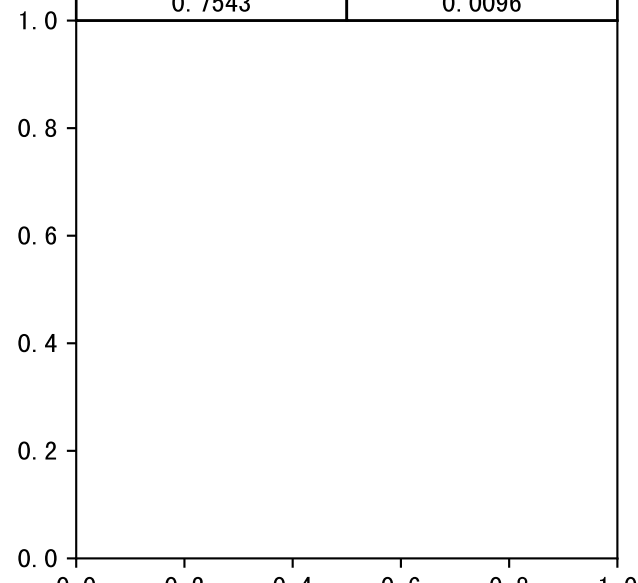

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

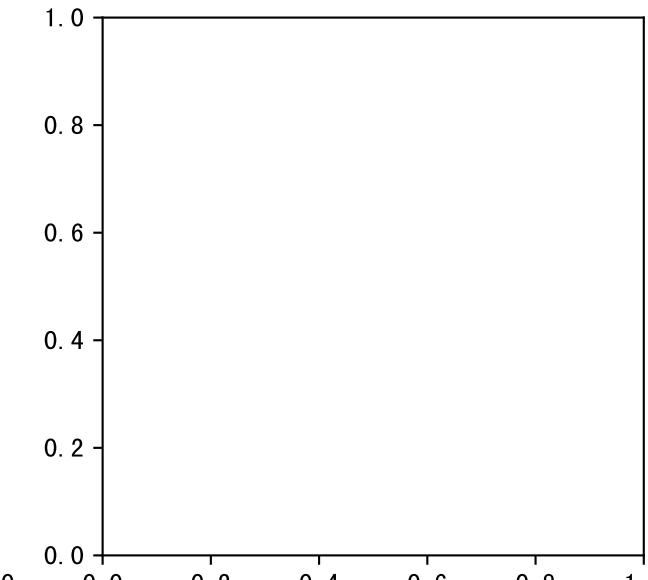

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

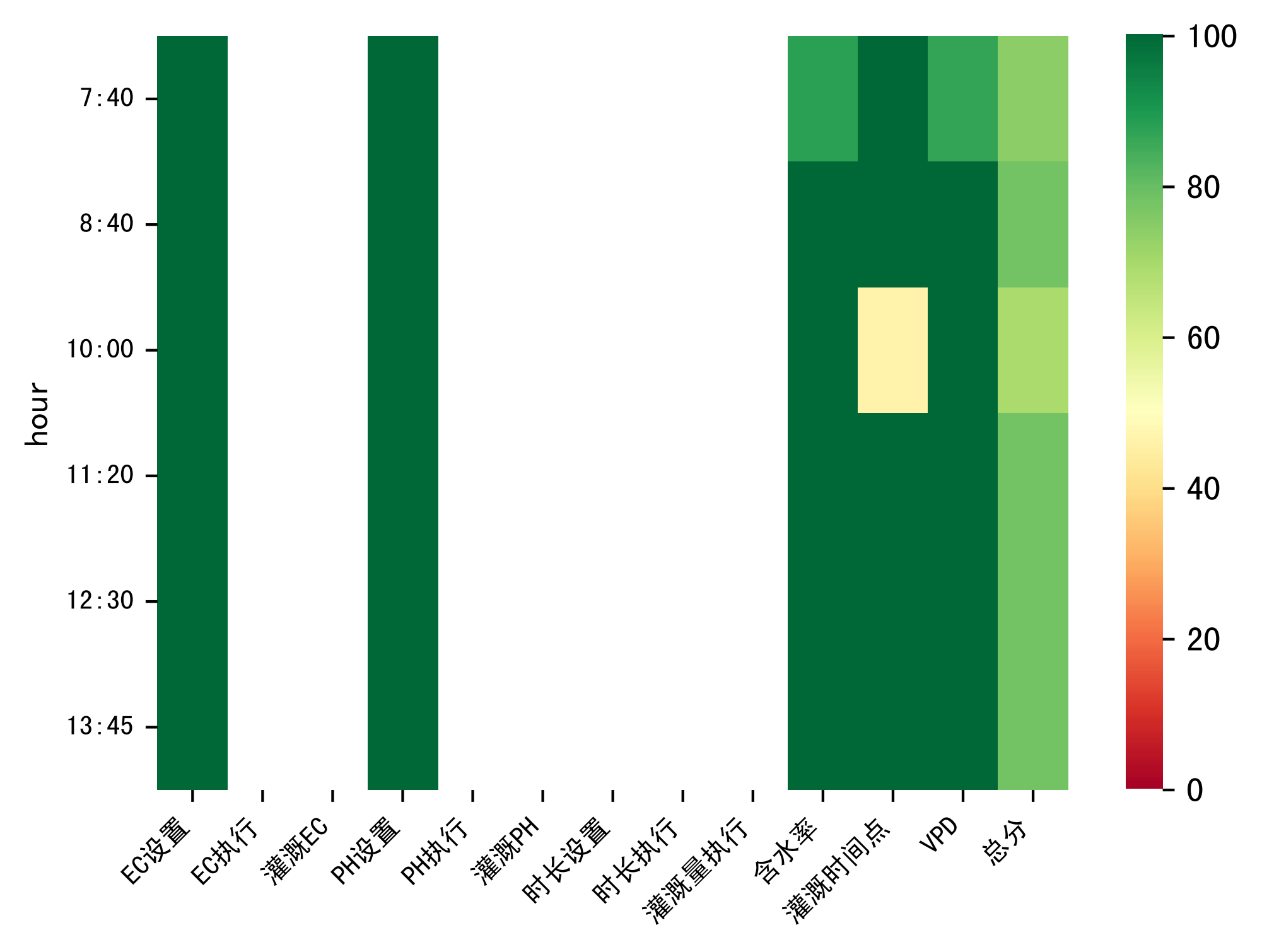




baiA	baiB
0.7543	0.0096



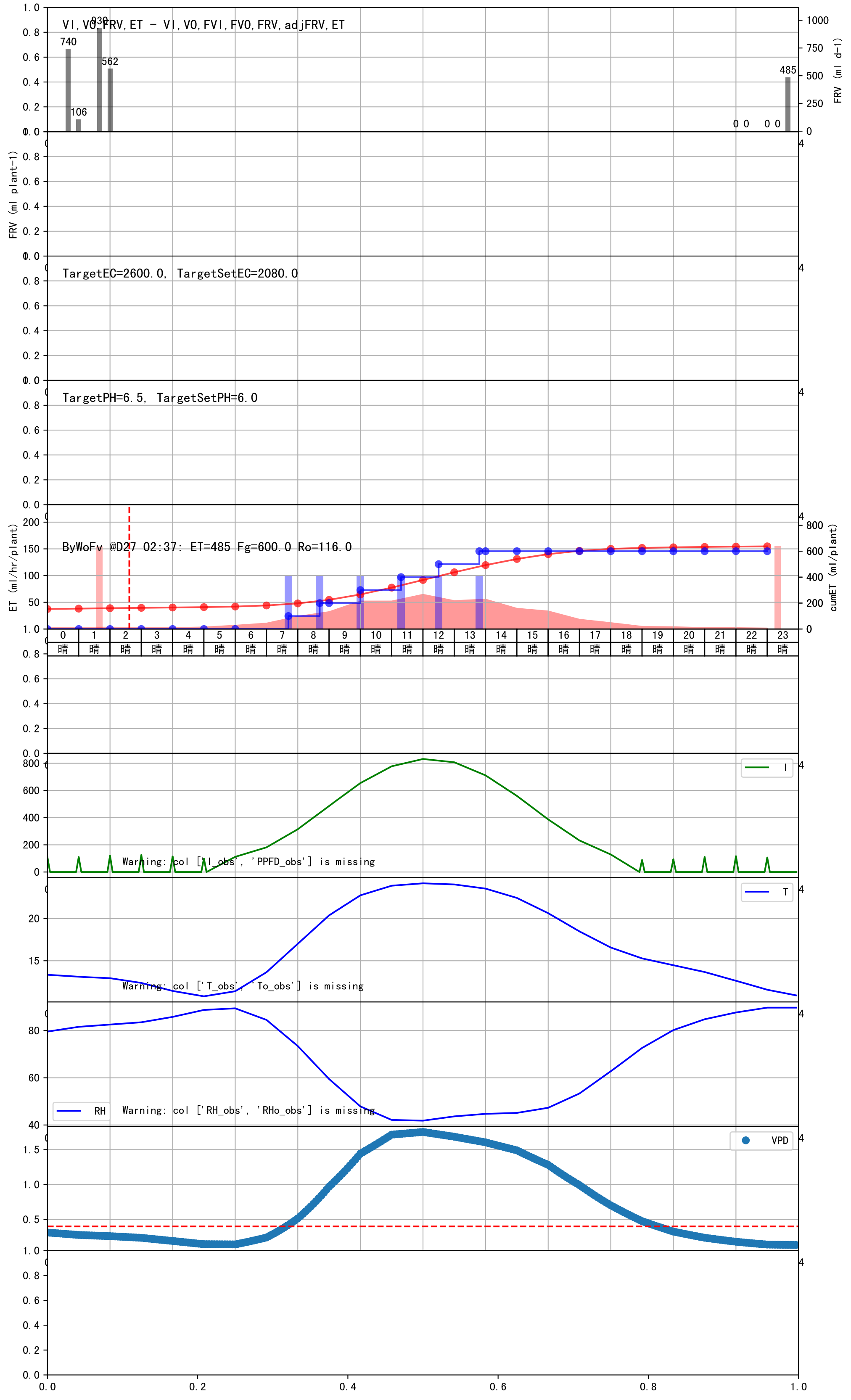


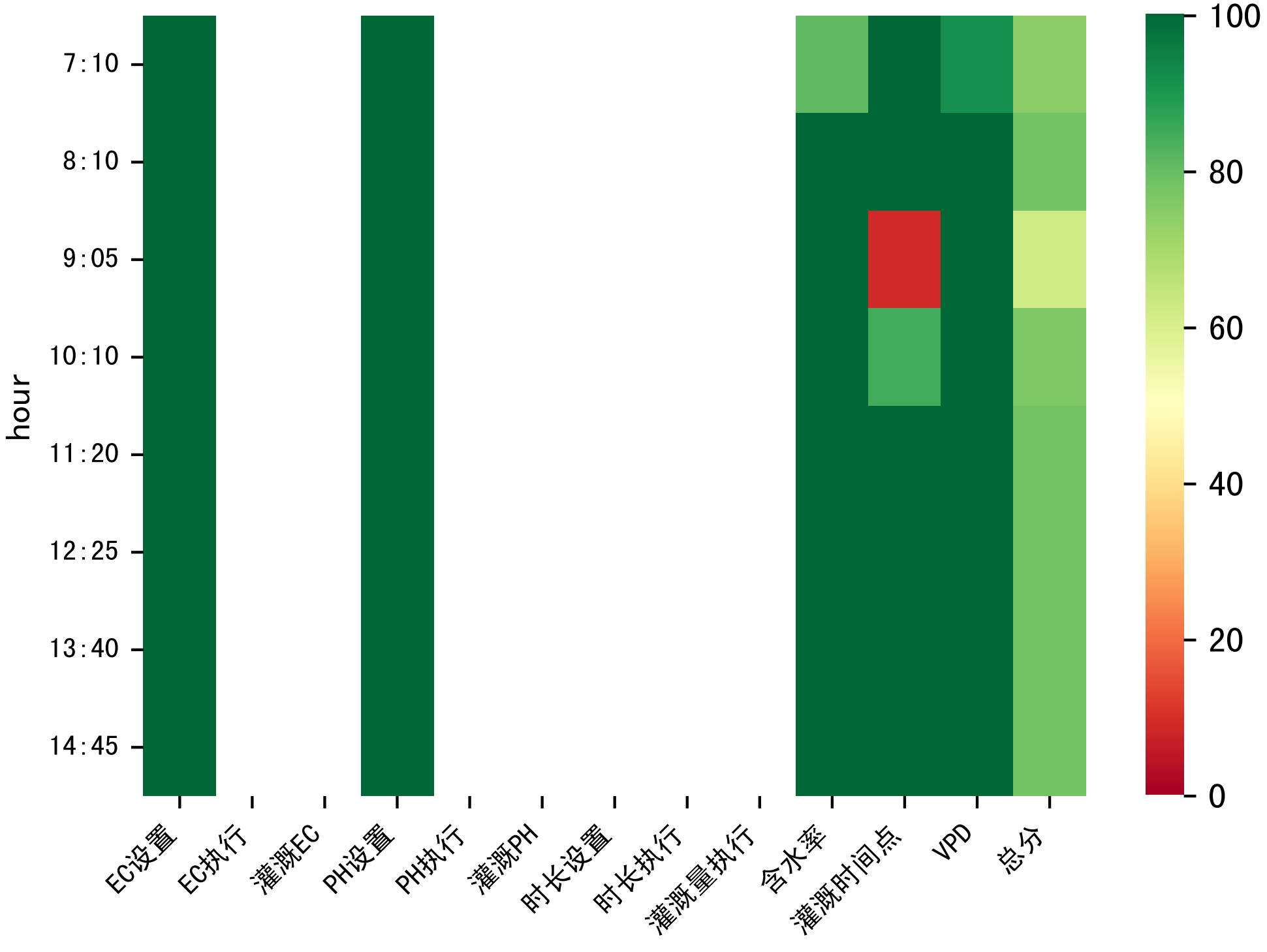

hour
7:40
8:40
10:00
11:20
12:30
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:40	192	100.0	晴	预期@07:40 未知程序（未用传感器）
08:40	192	100.0	晴	预期@08:40 未知程序（未用传感器）
10:00	192	100.0	晴	预期@10:00 未知程序（未用传感器）
11:20	192	100.0	晴	预期@11:20 未知程序（未用传感器）
12:30	192	100.0	晴	预期@12:30 未知程序（未用传感器）
13:45	192	100.0	晴	预期@13:45 未知程序（未用传感器）
总计	1152.0 (6次)	600.0		建议进液EC：2080.0， PH：6.0

昨天灌溉EC（2580.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2580.0 vs 3640.0)偏高

P3-2_0, Day=27 (2025-04-25)

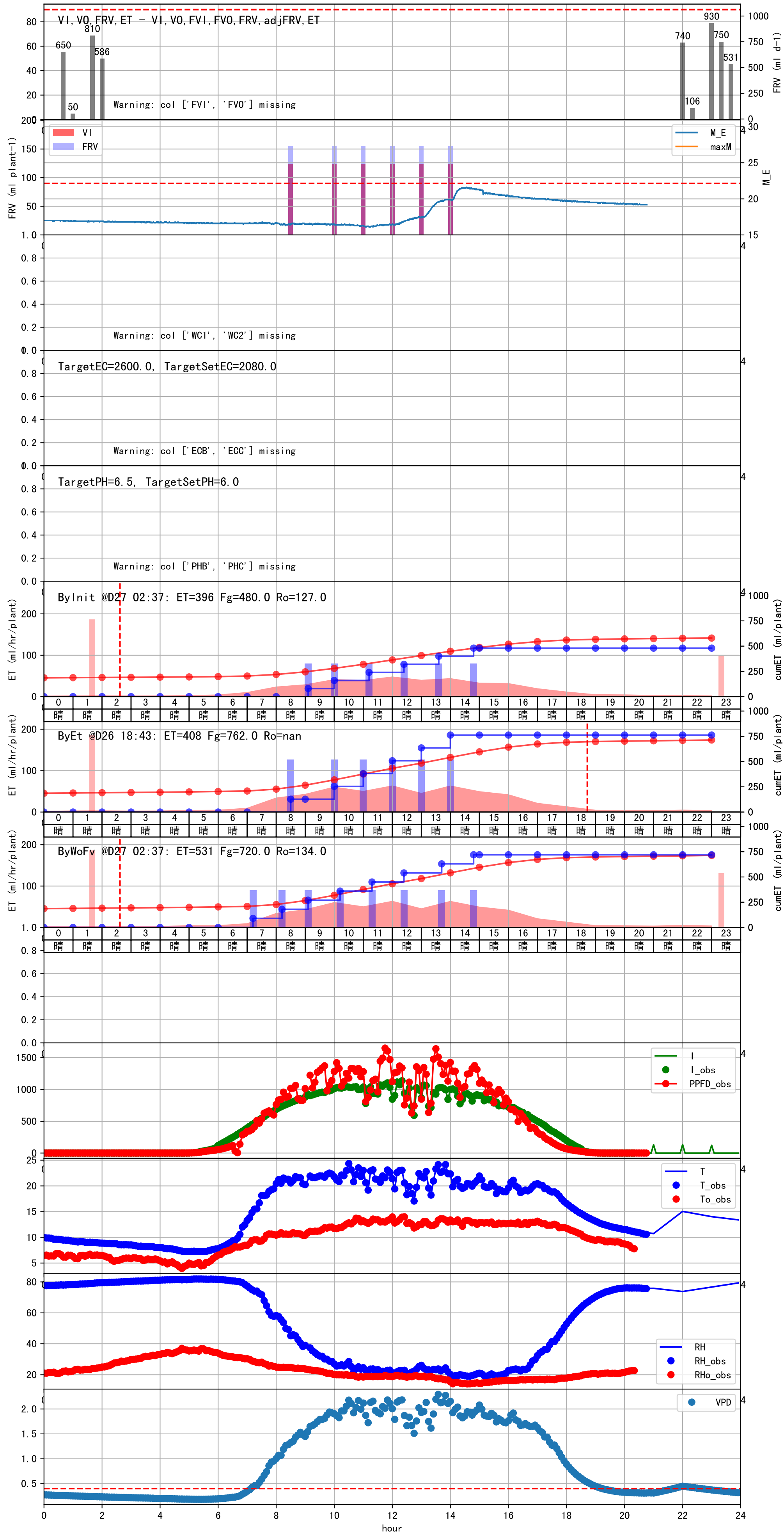


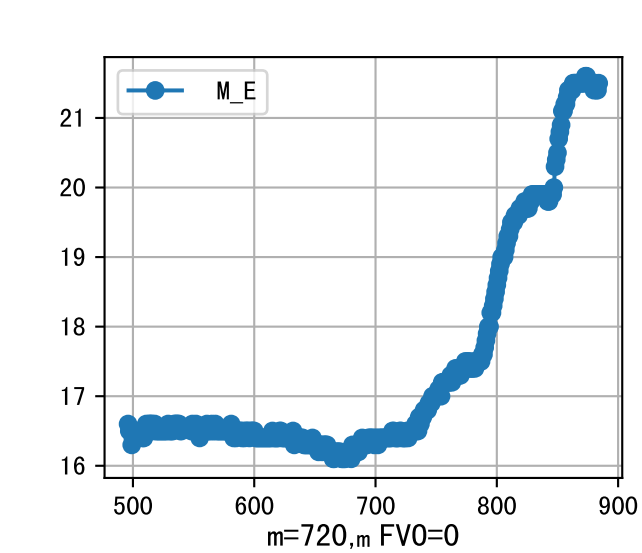

hour
7:10
8:10
9:05
10:10
11:20
12:25
13:40
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

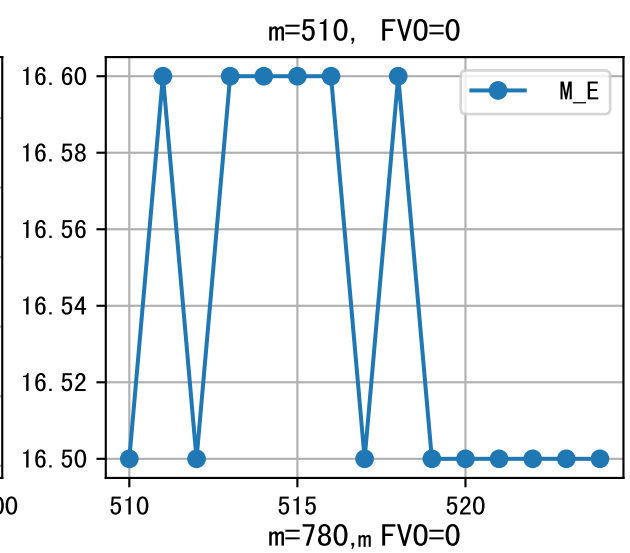
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:10	240	90.0	晴	假设@07:10 手动（未用传感器）
08:10	240	90.0	晴	假设@08:10 手动（未用传感器）
09:05	240	90.0	晴	假设@09:05 手动（未用传感器）
10:10	240	90.0	晴	假设@10:10 手动（未用传感器）
11:20	240	90.0	晴	假设@11:20 手动（未用传感器）
12:25	240	90.0	晴	假设@12:25 手动（未用传感器）
13:40	240	90.0	晴	假设@13:40 手动（未用传感器）
14:45	240	90.0	晴	假设@14:45 手动（未用传感器）
总计	1920.0 (8次)	720.0		建议进液EC：2080.0， PH：6.0

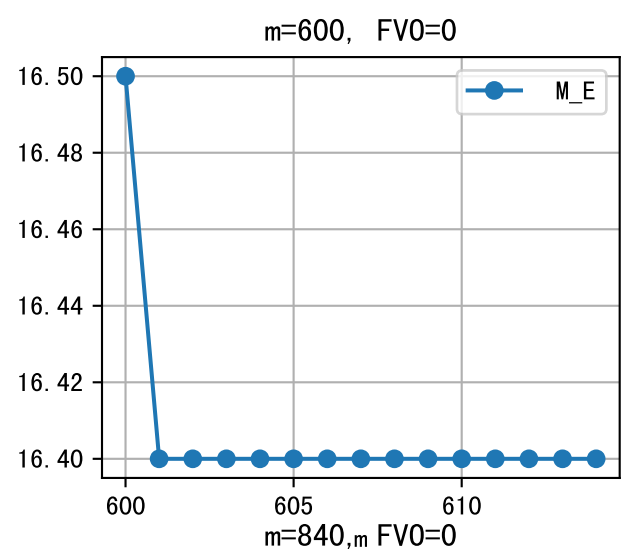
施肥机灌溉量与预期值不符 (155.0 : 125.0)，可能由于一阀多区不均匀
上次灌溉时长(240)与预期(173.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉125.0 ml.
昨天灌溉EC（2590.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2590.0 vs 3955.0)偏高

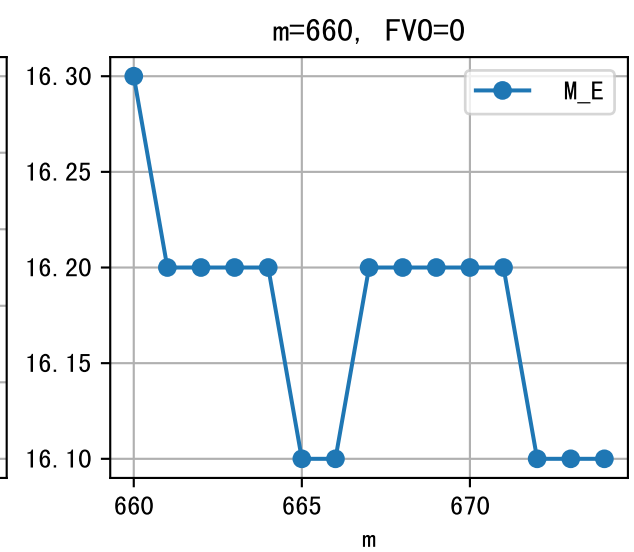
P3-2_0, Day=26 (2025-04-24)

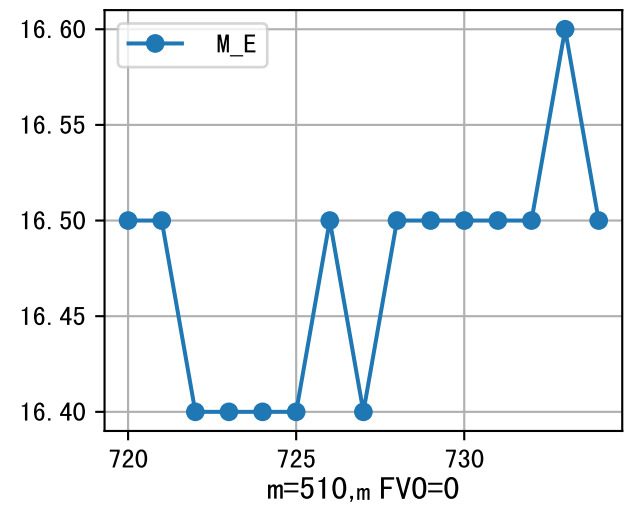


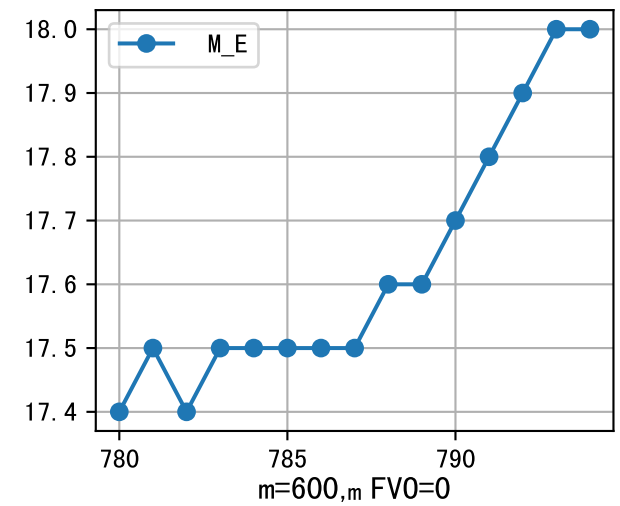

M_E

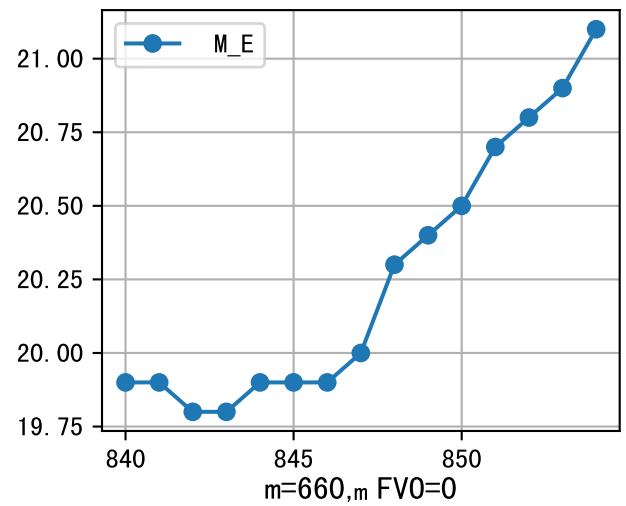

m=510, FV0=0
M_E

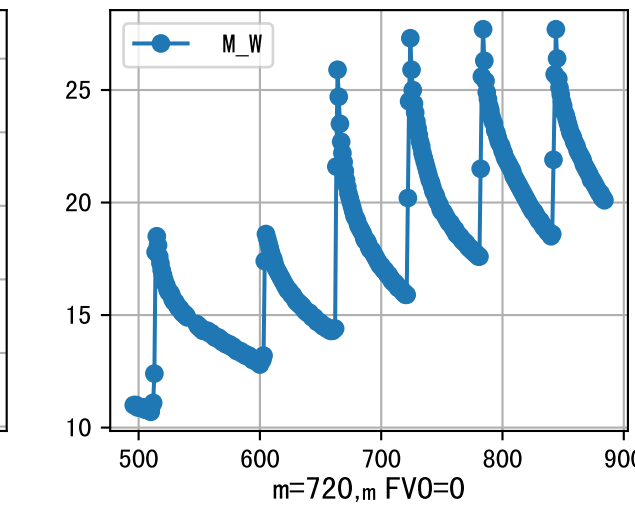

m=600, FV0=0
M_E

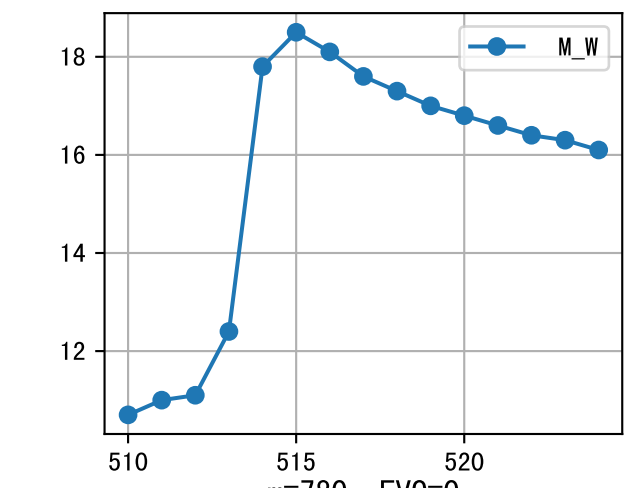

m=660, FV0=0
M_E

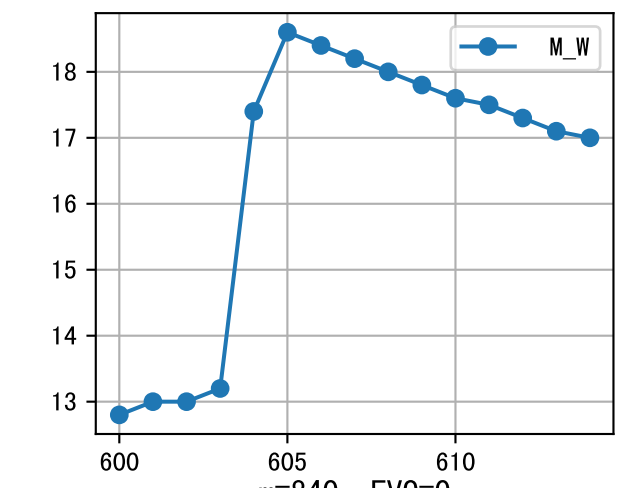

m=720,m FV0=0
M_E

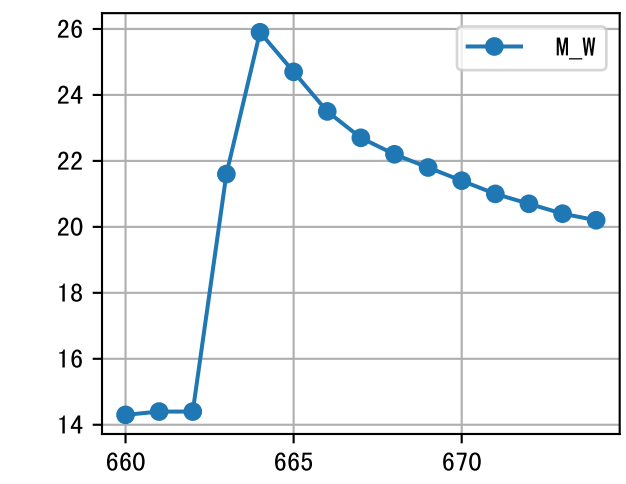

m=780,m FV0=0
M_E

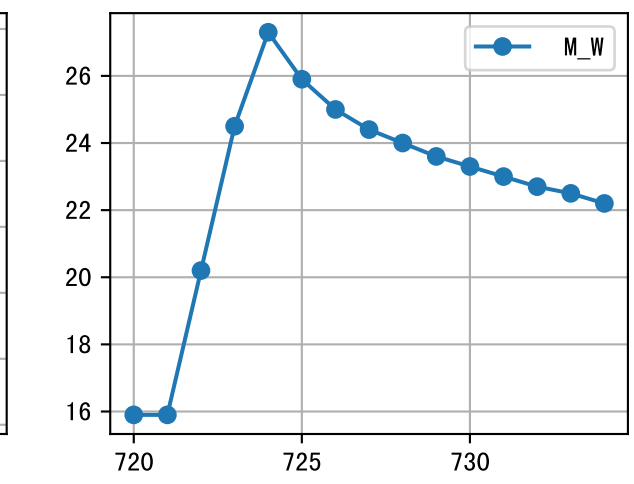

m=840,m FV0=0
M_E

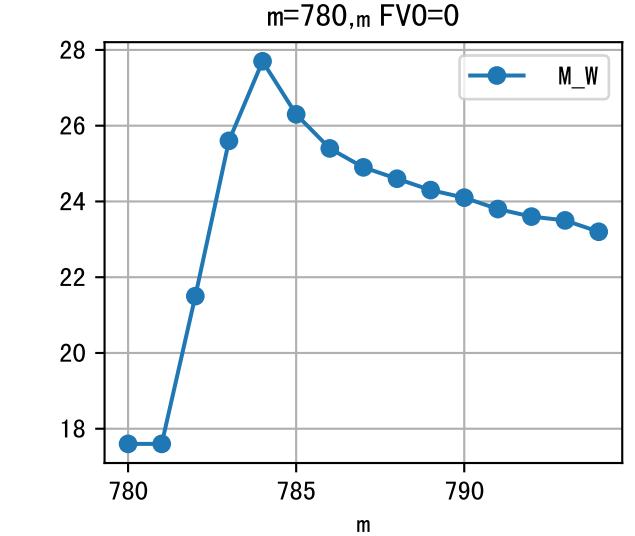

M_W
m

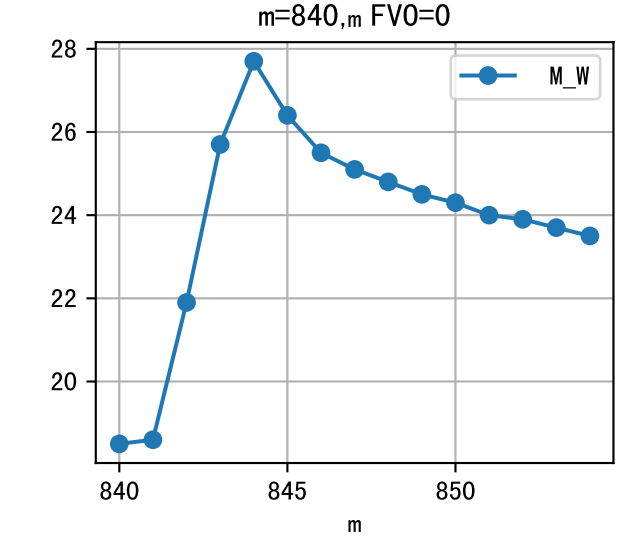

m=510,m FV0=0
M_W

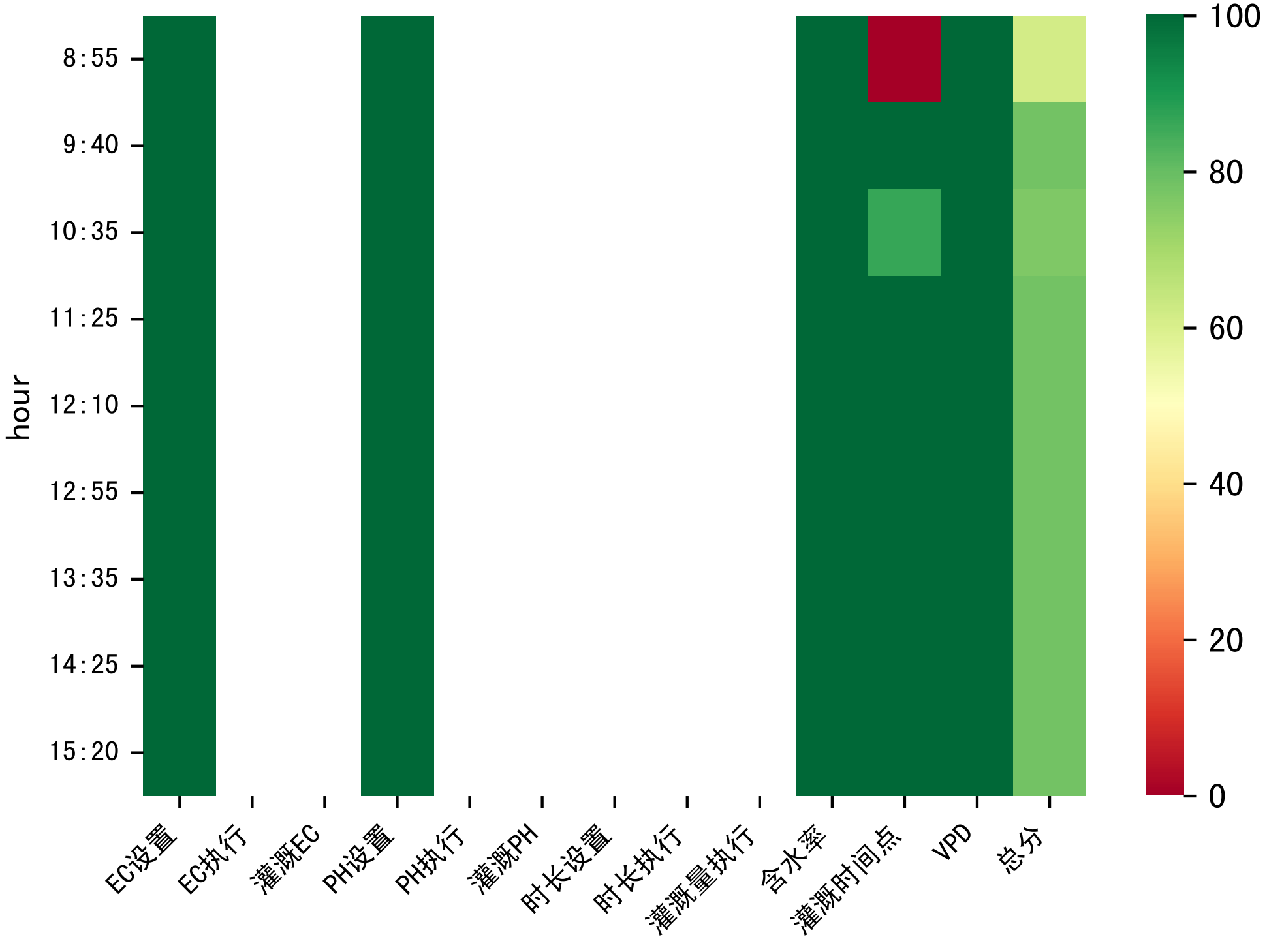

m=600,m FV0=0
M_W


m=660,m FV0=0
M_W
m


m=720,m FV0=0
M_W
m


m=780,m FV0=0
M_W
m

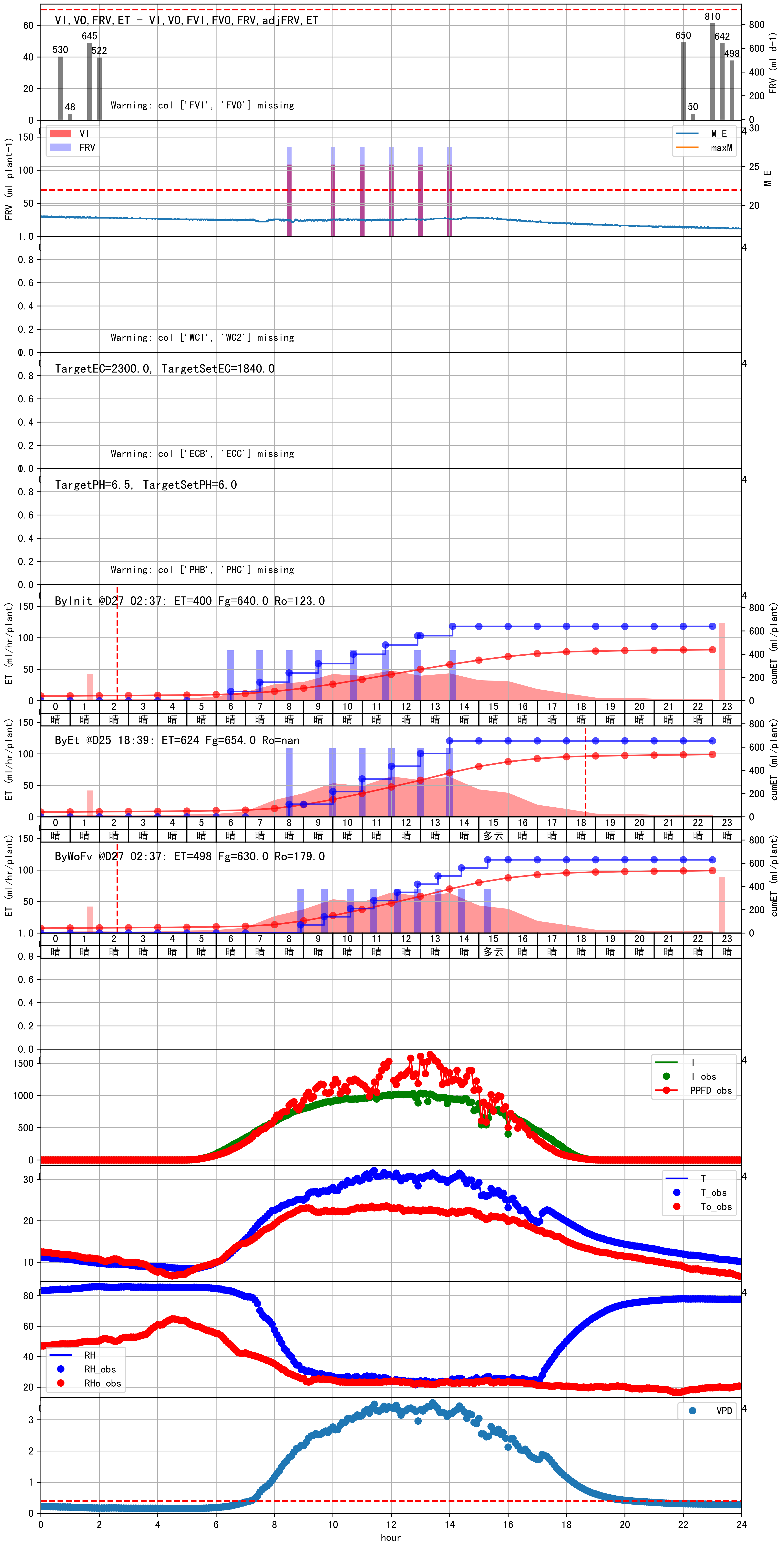

m=840,m FV0=0
M_W
m

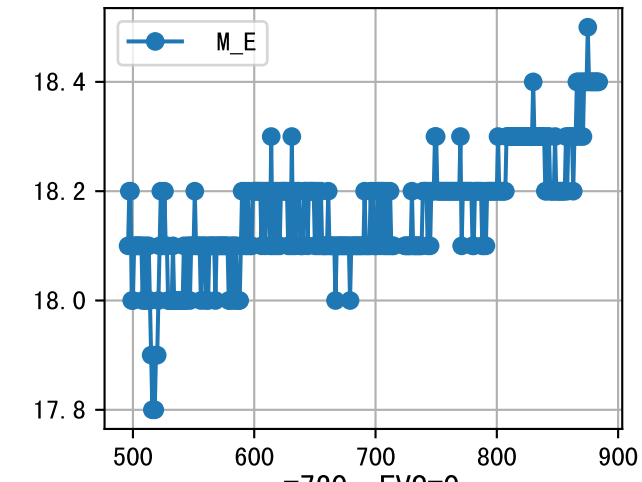

hour
8:55
9:40
10:35
11:25
12:10
12:55
13:35
14:25
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

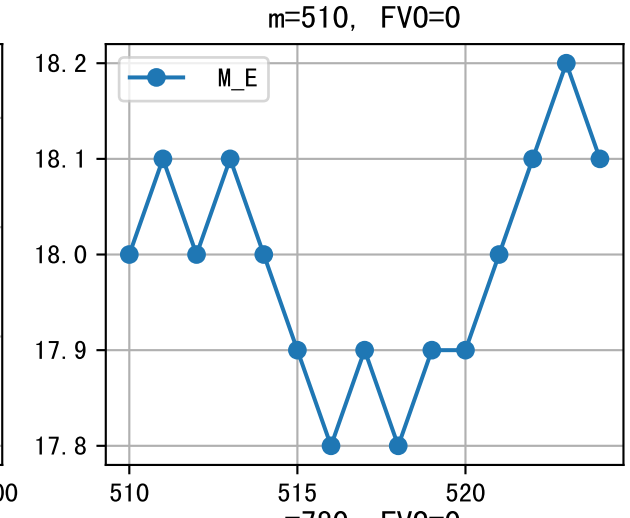
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:55	210	70.0	晴	假设@08:55 手动（未用传感器）
09:40	210	70.0	晴	假设@09:40 手动（未用传感器）
10:35	210	70.0	晴	假设@10:35 手动（未用传感器）
11:25	210	70.0	晴	假设@11:25 手动（未用传感器）
12:10	210	70.0	晴	假设@12:10 手动（未用传感器）
12:55	210	70.0	晴	假设@12:55 手动（未用传感器）
13:35	210	70.0	晴	假设@13:35 手动（未用传感器）
14:25	210	70.0	晴	假设@14:25 手动（未用传感器）
15:20	210	70.0	多云	假设@15:20 手动（未用传感器）
总计	1890.0 (9次)	630.0		建议进液EC：1840.0， PH：6.0

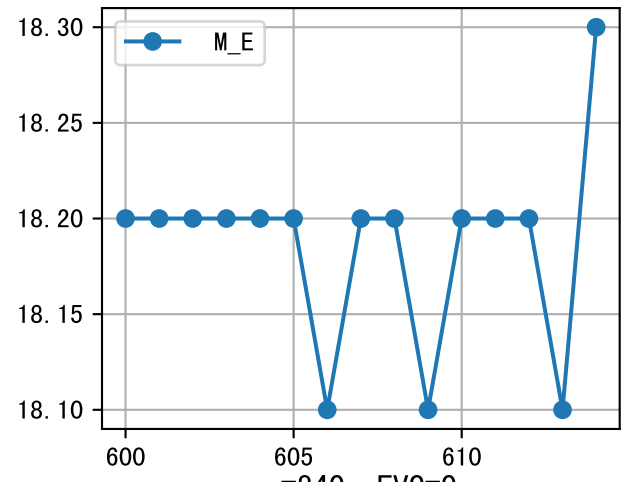
施肥机灌溉量与预期值不符 (135.0 : 107.0)，可能由于一阀多区不均匀
上次灌溉时长(210)与预期(137.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉107.0 ml.
昨天灌溉EC（2535.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2535.0 vs 3950.0)偏高

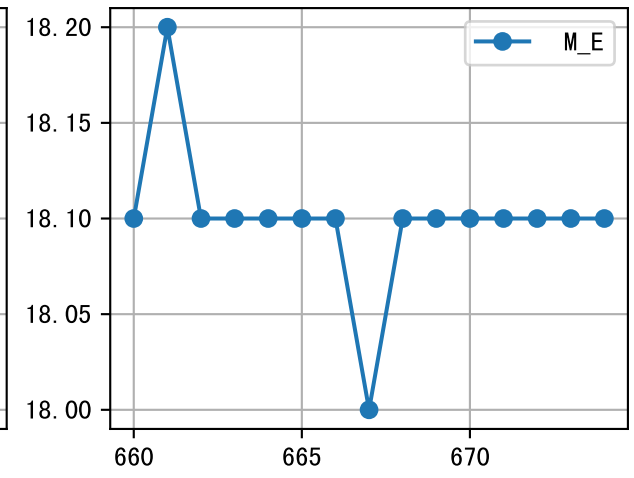
P3-2_0, Day=25 (2025-04-23)

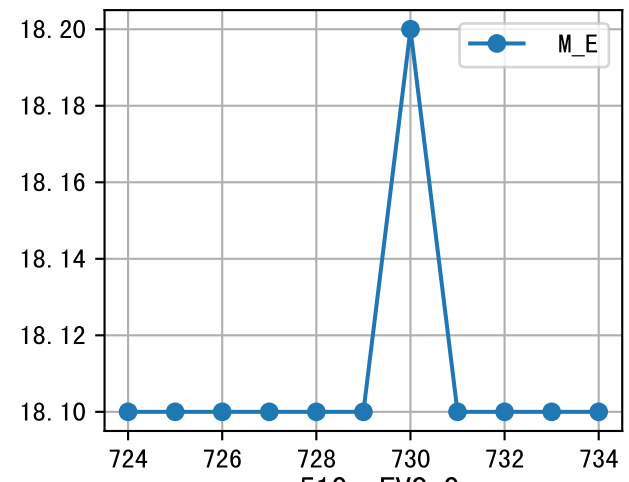


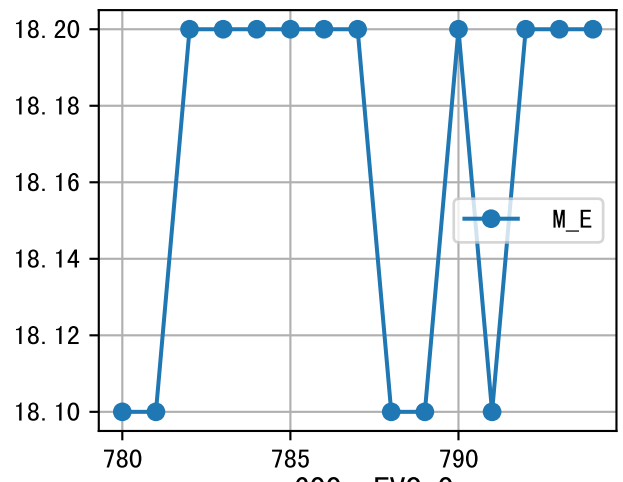

M_E
18.4
18.2
18.0
17.8
500
600
700
800
900

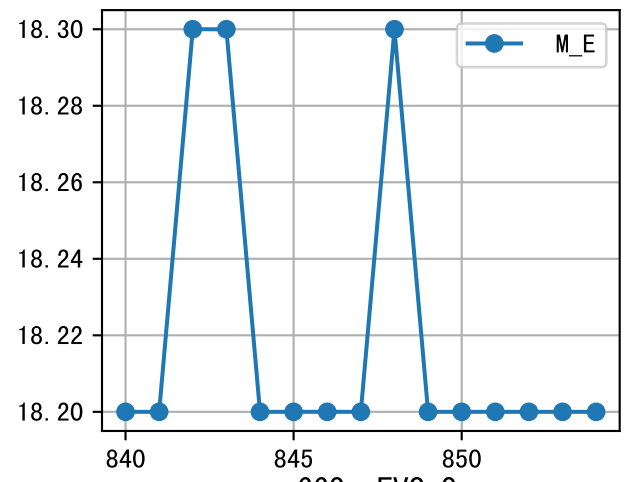

m=510, FV0=0
M_E
18.2
18.1
18.0
17.9
17.8
510
515
520

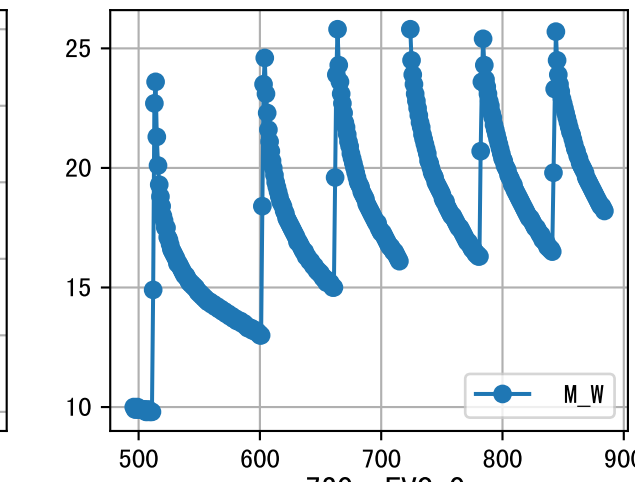

m=600, FV0=0
M_E
18.30
18.25
18.20
18.15
18.10
600
605
610

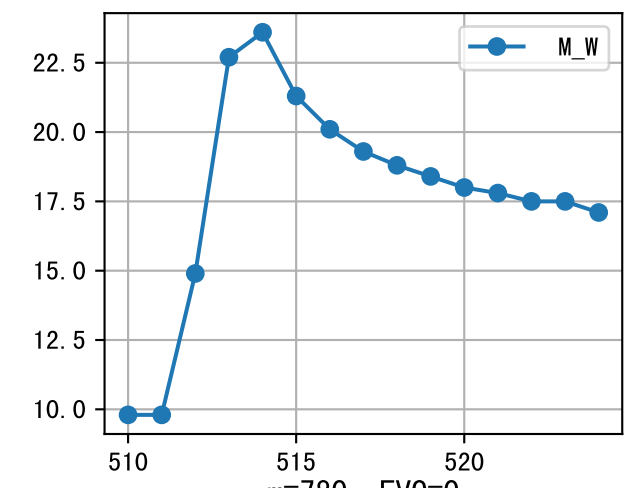

m=660, FV0=0
M_E
18.20
18.15
18.10
18.05
18.00
660
665
670

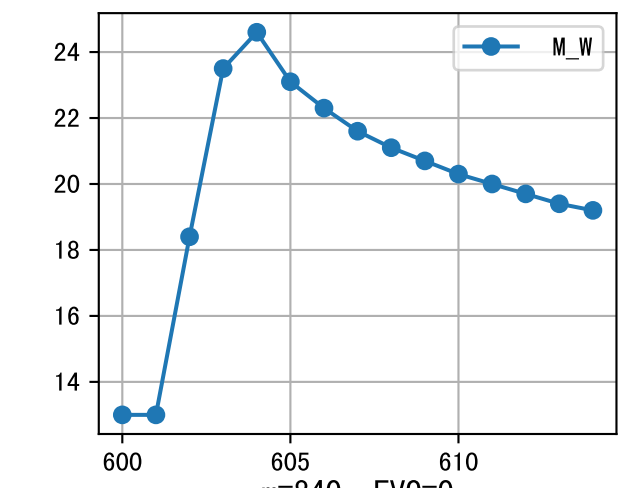

m=720,m FV0=0
M_E
18.20
18.18
18.16
18.14
18.12
18.10
724
726
728
730
732
734

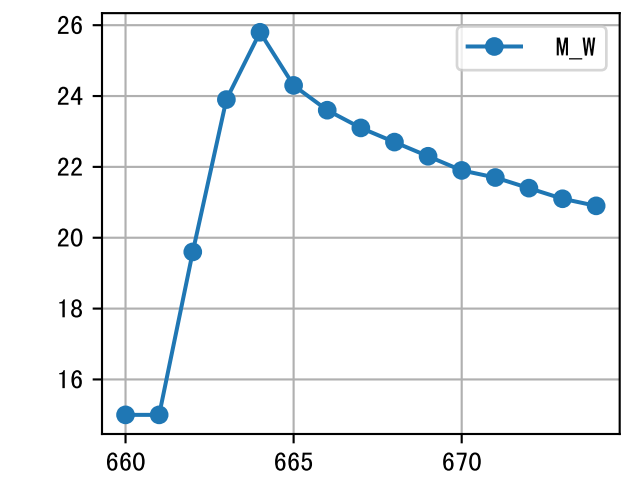

m=780,m FV0=0
M_E
18.20
18.18
18.16
18.14
18.12
18.10
780
785
790

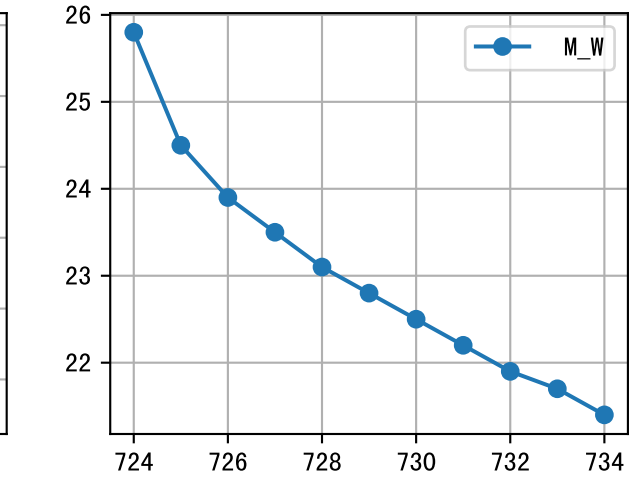

m=840,m FV0=0
M_E
18.30
18.28
18.26
18.24
18.22
18.20
840
845
850

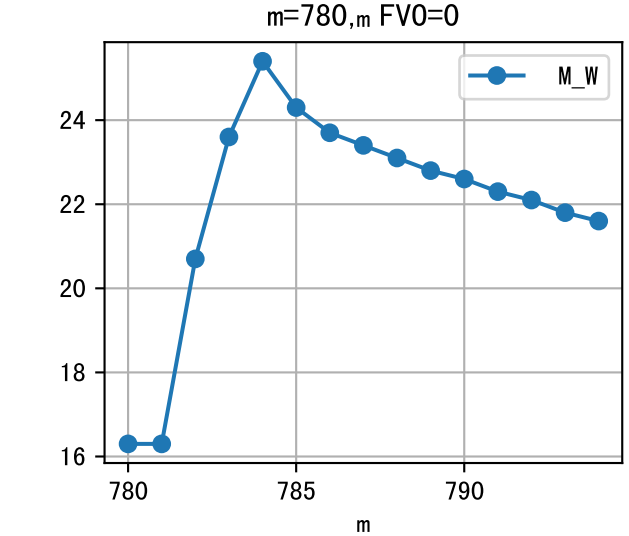

m
M_W
25
20
15
10
500
600
700
800
900
m=720,m FV0=0

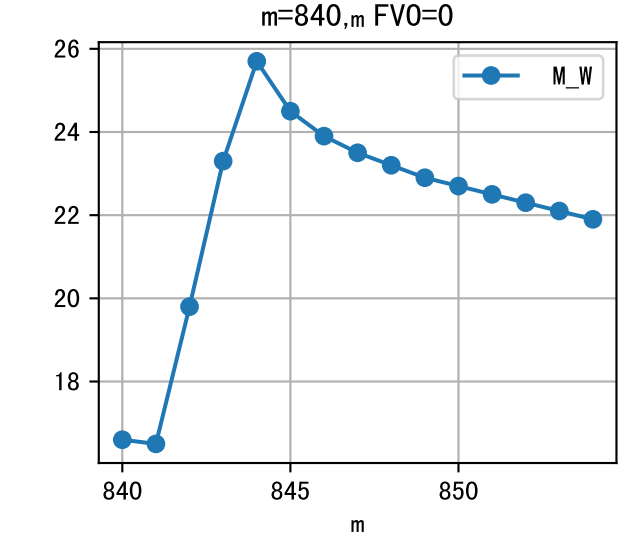

M_W
22.5
20.0
17.5
15.0
12.5
10.0
510
515
520
m=780,m FV0=0

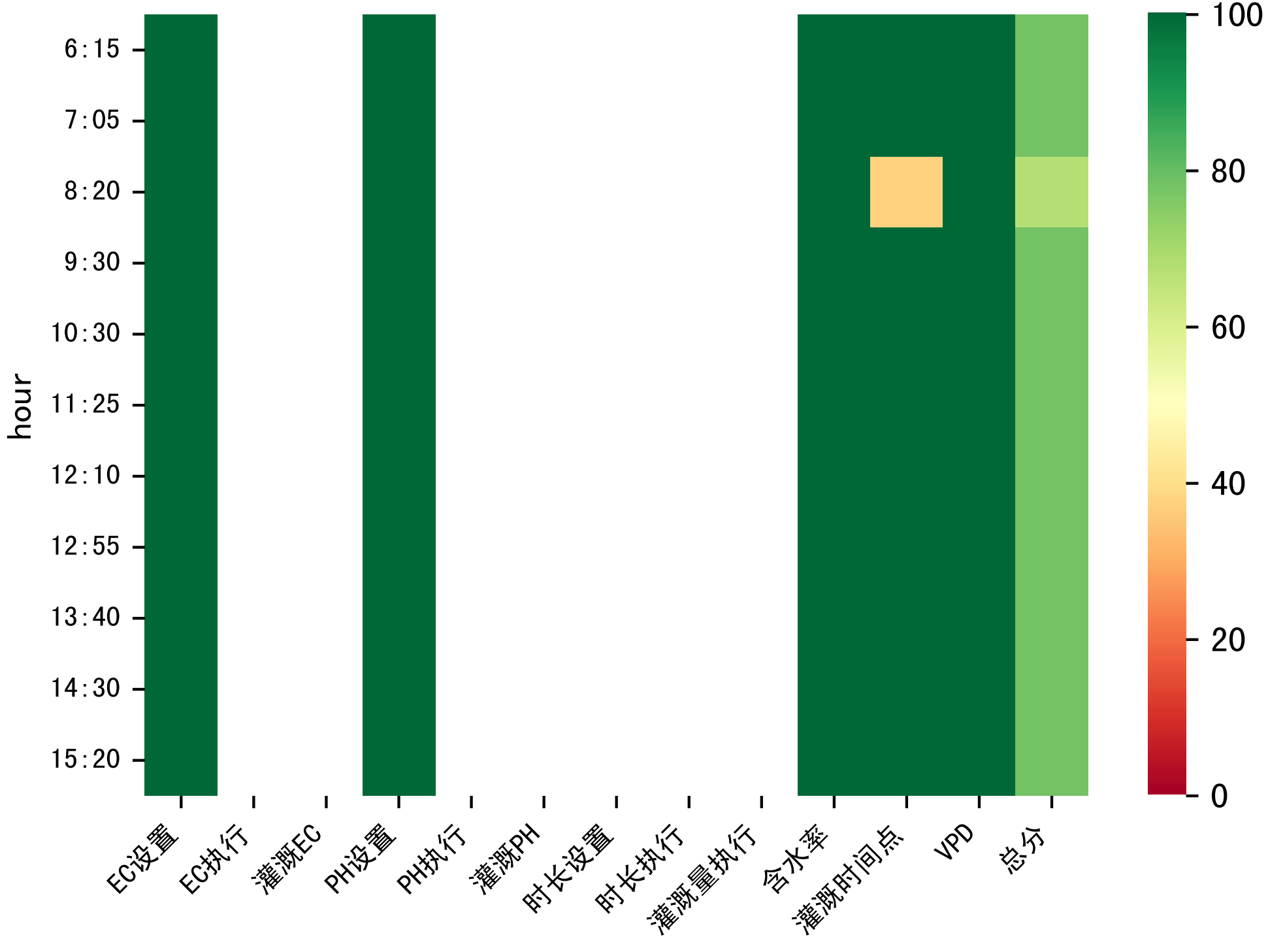

M_W
24
22
20
18
16
14
600
605
610
m=840,m FV0=0


M_W
26
24
22
20
18
16
660
665
670
m


M_W
26
25
24
23
22
724
726
728
730
732
734
m


M_W
24
22
20
18
16
780
785
790
m

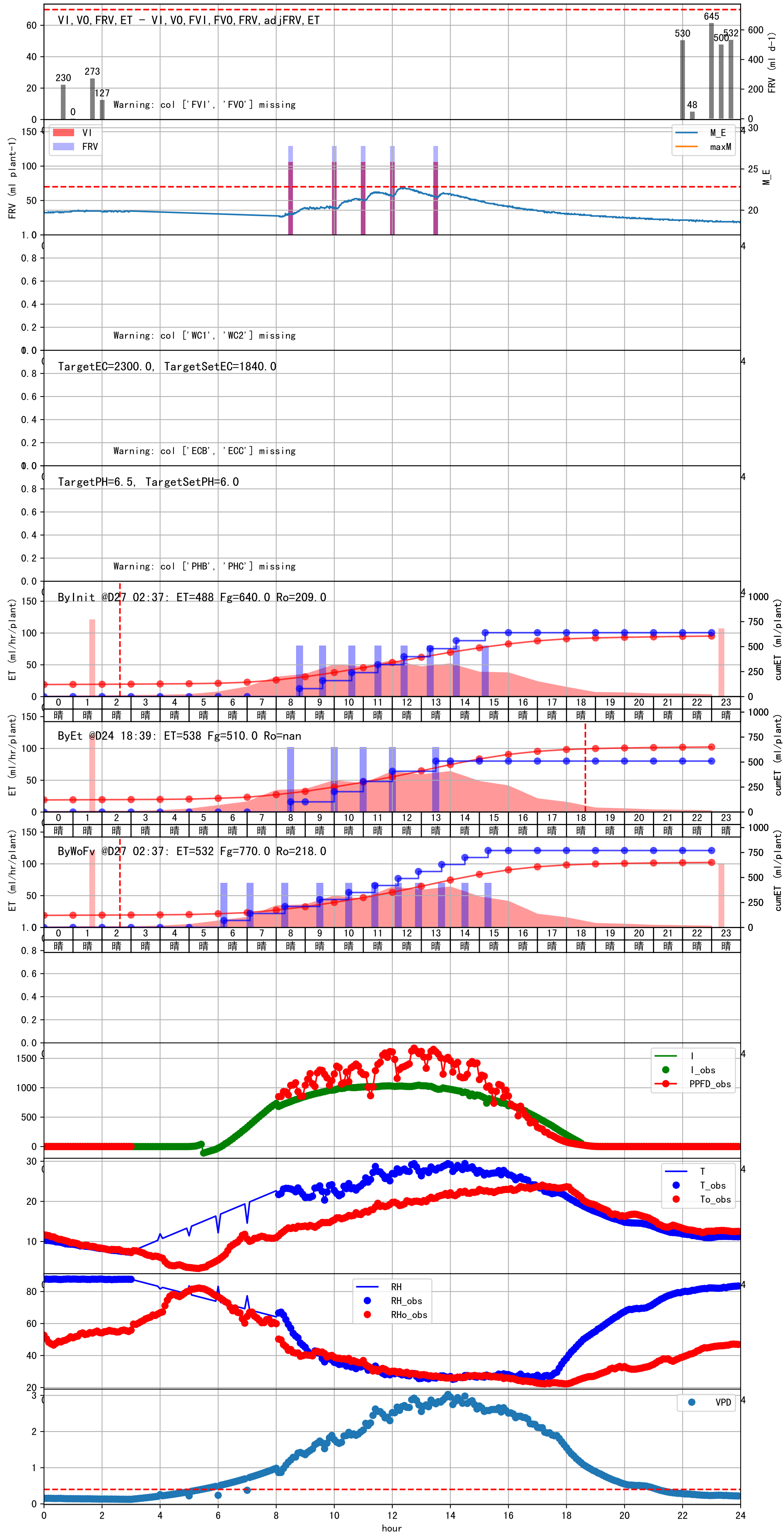

M_W
26
24
22
20
18
840
845
850
m

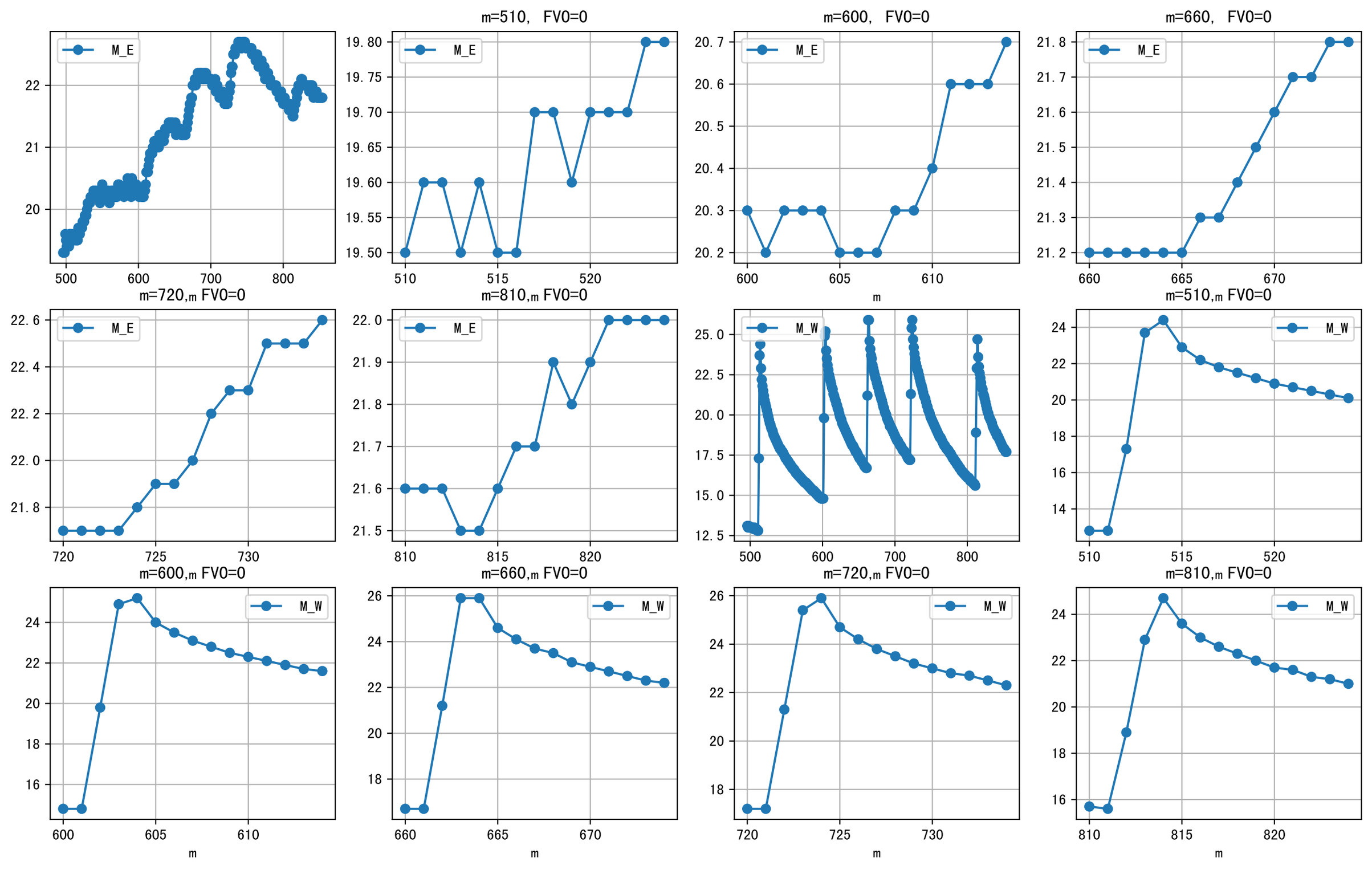

hour
6:15
7:05
8:20
9:30
10:30
11:25
12:10
12:55
13:40
14:30
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

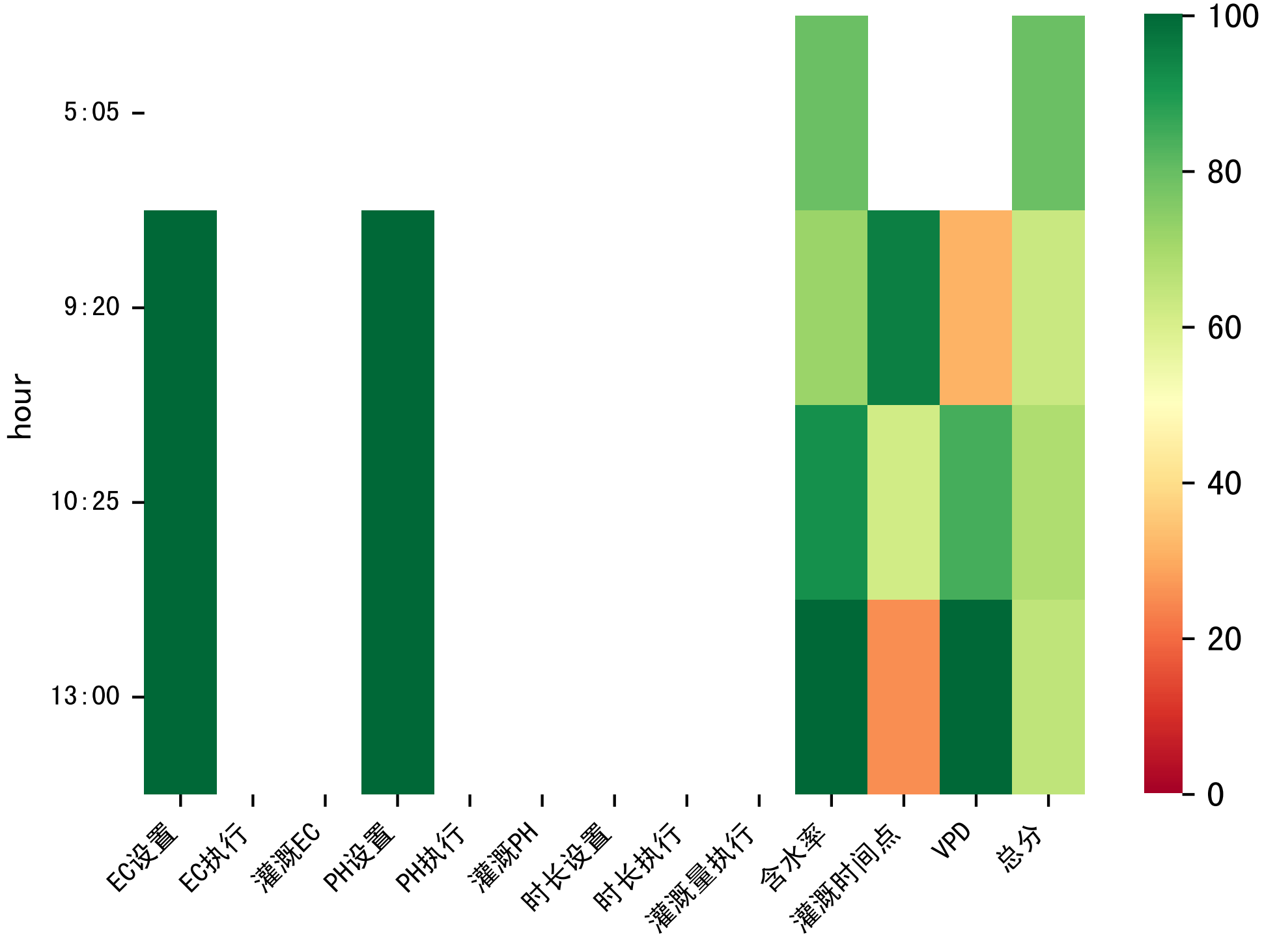
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:15	200	70.0	晴	假设@06:15 手动（未用传感器）
07:05	200	70.0	晴	假设@07:05 手动（未用传感器）
08:20	200	70.0	晴	假设@08:20 手动（未用传感器）
09:30	200	70.0	晴	假设@09:30 手动（未用传感器）
10:30	200	70.0	晴	假设@10:30 手动（未用传感器）
11:25	200	70.0	晴	假设@11:25 手动（未用传感器）
12:10	200	70.0	晴	假设@12:10 手动（未用传感器）
12:55	200	70.0	晴	假设@12:55 手动（未用传感器）
13:40	200	70.0	晴	假设@13:40 手动（未用传感器）
14:30	200	70.0	晴	假设@14:30 手动（未用传感器）
15:20	200	70.0	晴	假设@15:20 手动（未用传感器）
总计	2200.0 (11次)	770.0		建议进液EC：1840.0， PH：6.0

施肥机灌溉量与预期值不符 (129.0 : 100.0)，可能由于一阀多区不均匀
上次灌溉时长(200)与预期(140.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉100.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2465.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2465.0 vs 4070.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

P3-2_0, Day=24 (2025-04-22)



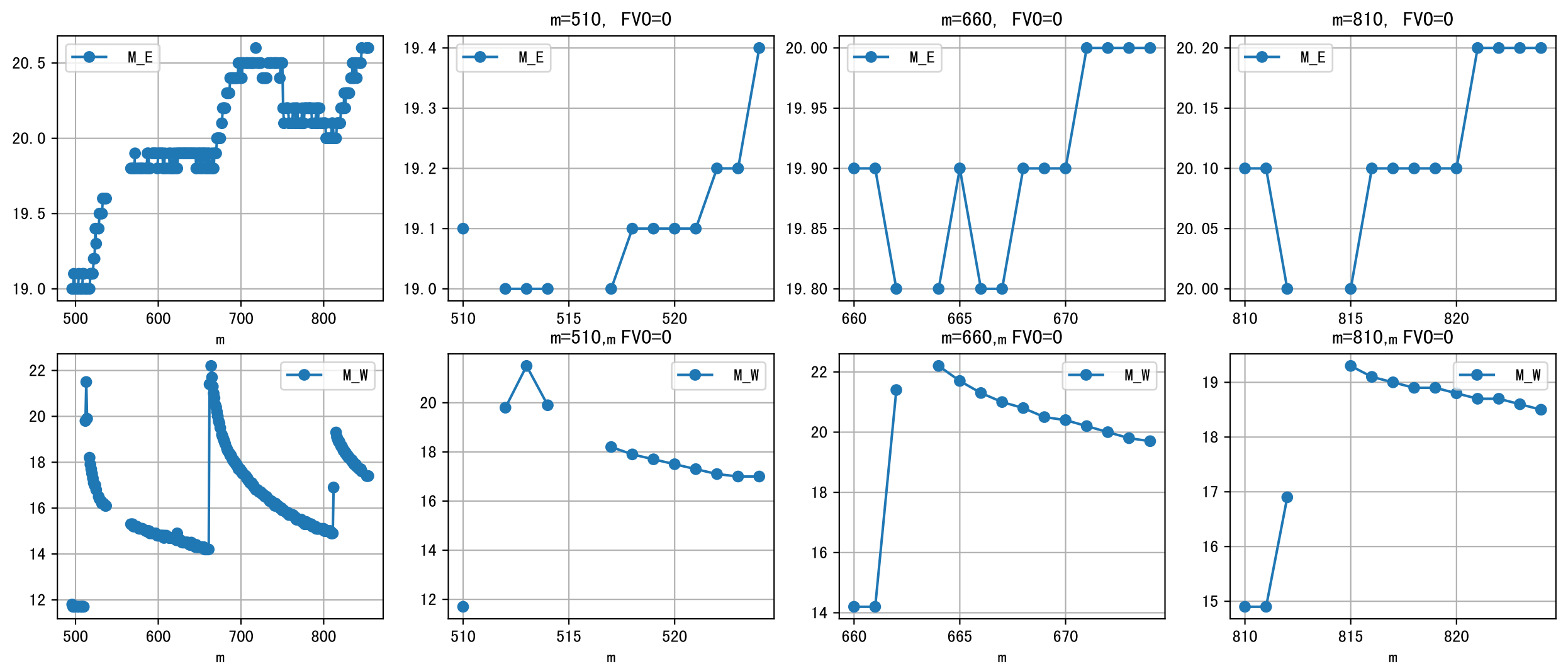

M_E
M_W
m=510, FV0=0
m=600, FV0=0
m=660, FV0=0
m=720,m FV0=0
m=810,m FV0=0
m=510,m FV0=0
m=600,m FV0=0
m=660,m FV0=0
m=720,m FV0=0
m=810,m FV0=0
m


hour
5:05
9:20
10:25
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)	天气	注释
09:20	140	70.0	阴	假设@09:20 手动（未用传感器）
10:25	140	70.0	阴	假设@10:25 手动（未用传感器）
13:00	140	70.0	阴	假设@13:00 手动（未用传感器）
总计	420.0 (3次)	210.0		建议进液EC：1840.0， PH：6.0

施肥机灌溉量与预期值不符 (91.0 : 70.0)，可能由于一阀多区不均匀
默认实际灌溉70.0 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 4190.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

P3-2_0, Day=23 (2025-04-21)


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