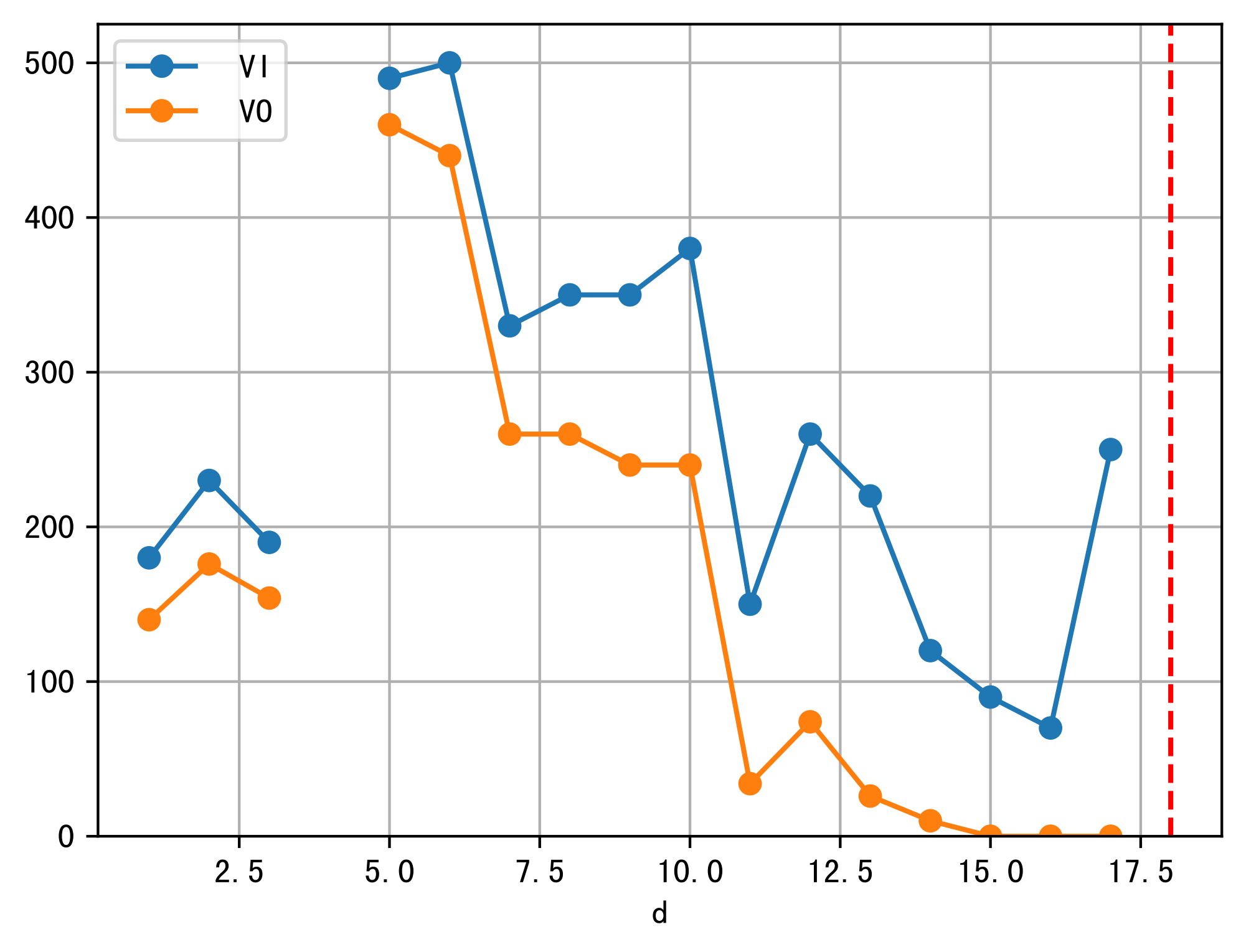
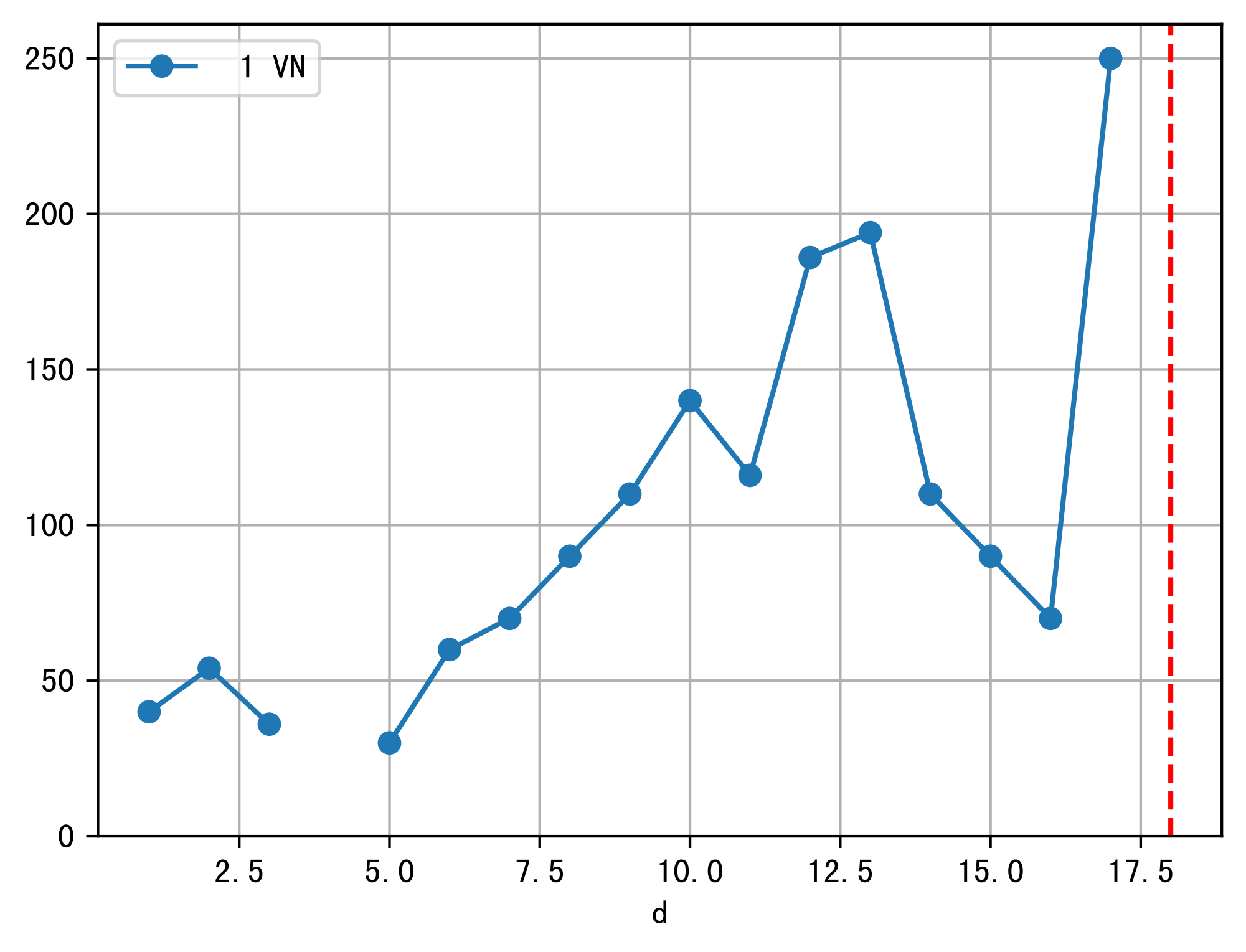
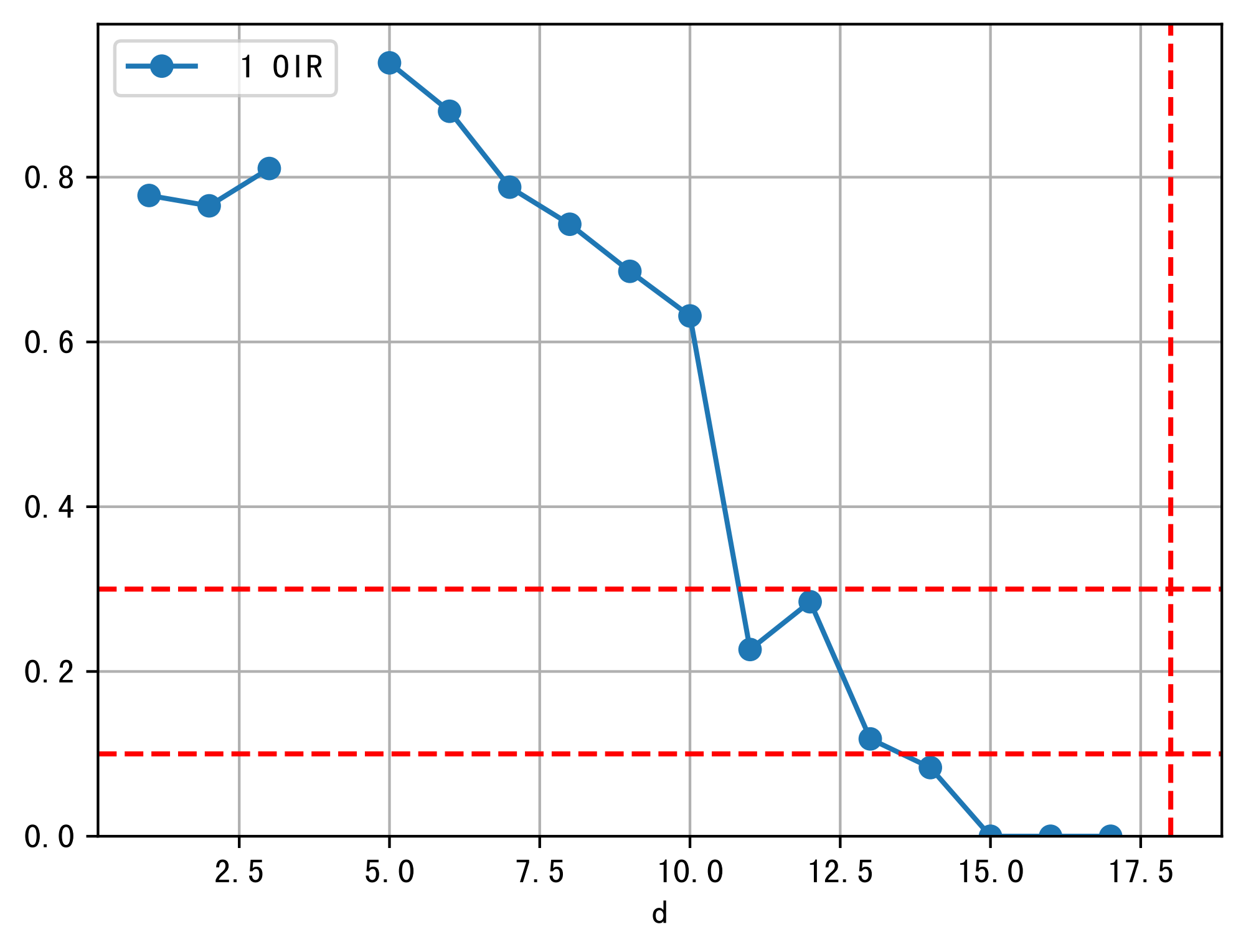
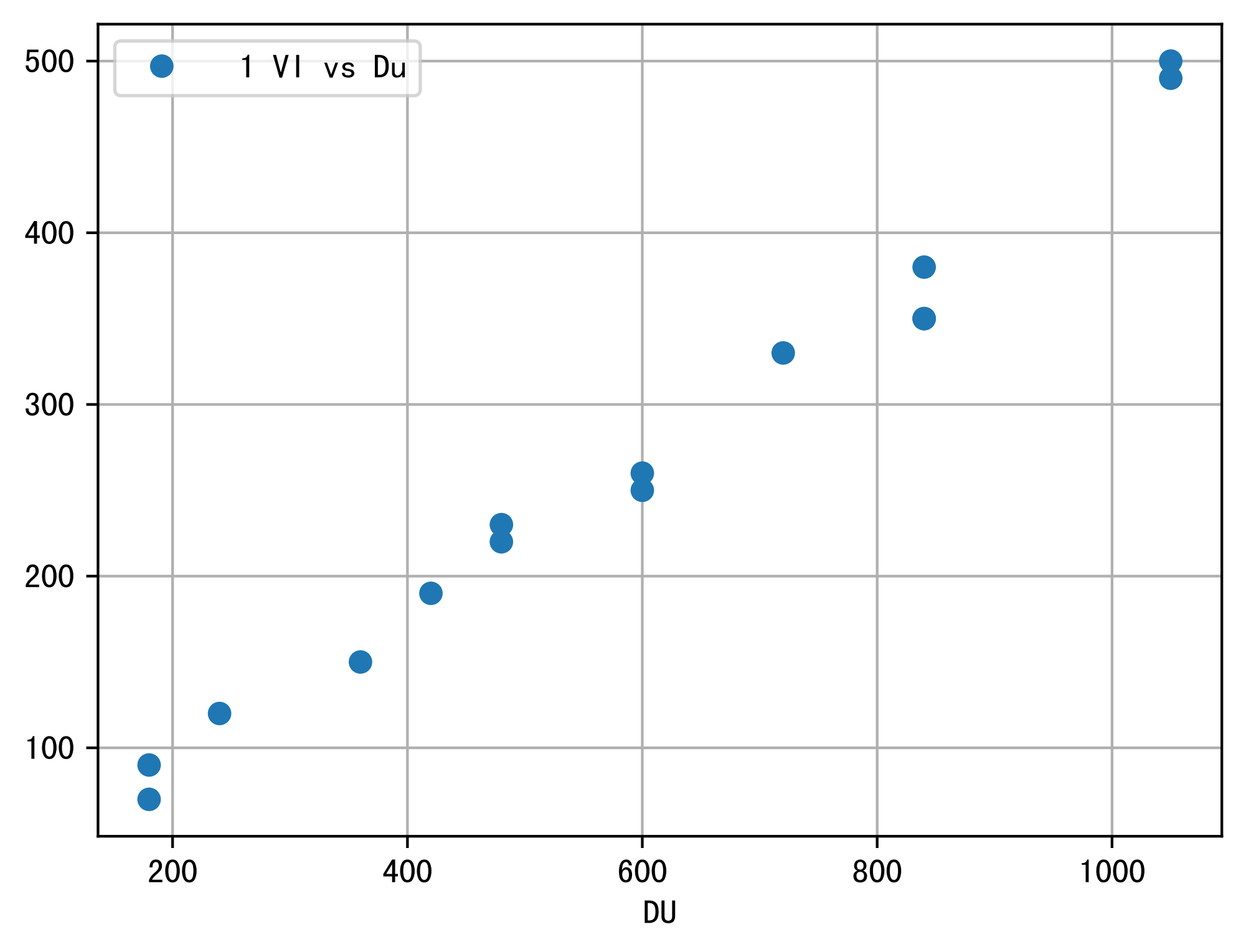
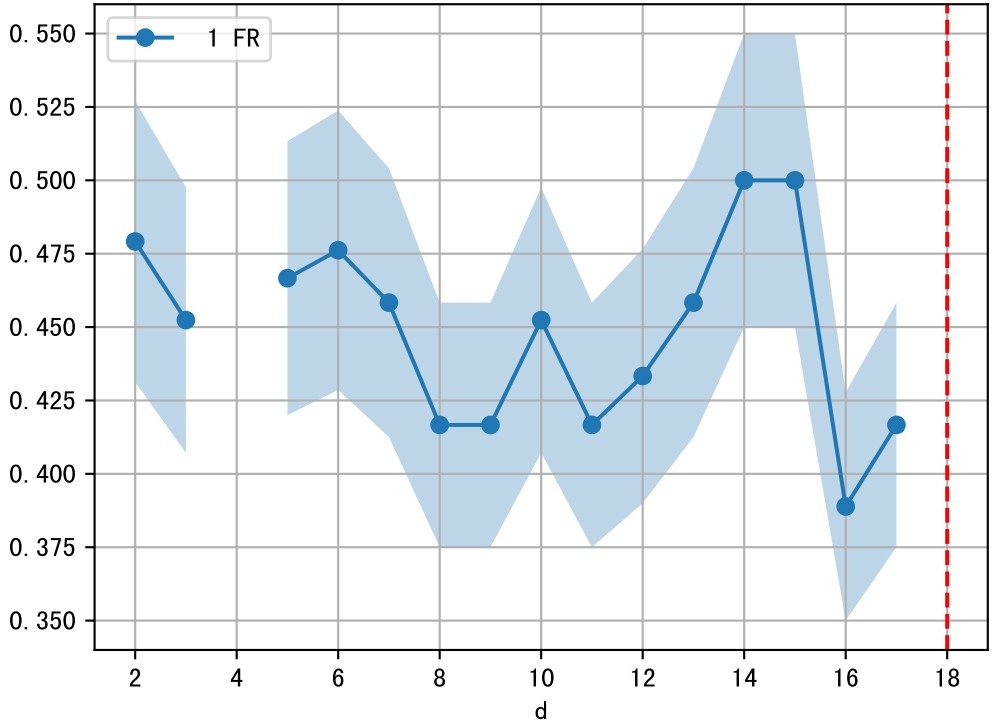
FgArea: ['0']
NC11 P3-1
2025-04-16 (Day 18)

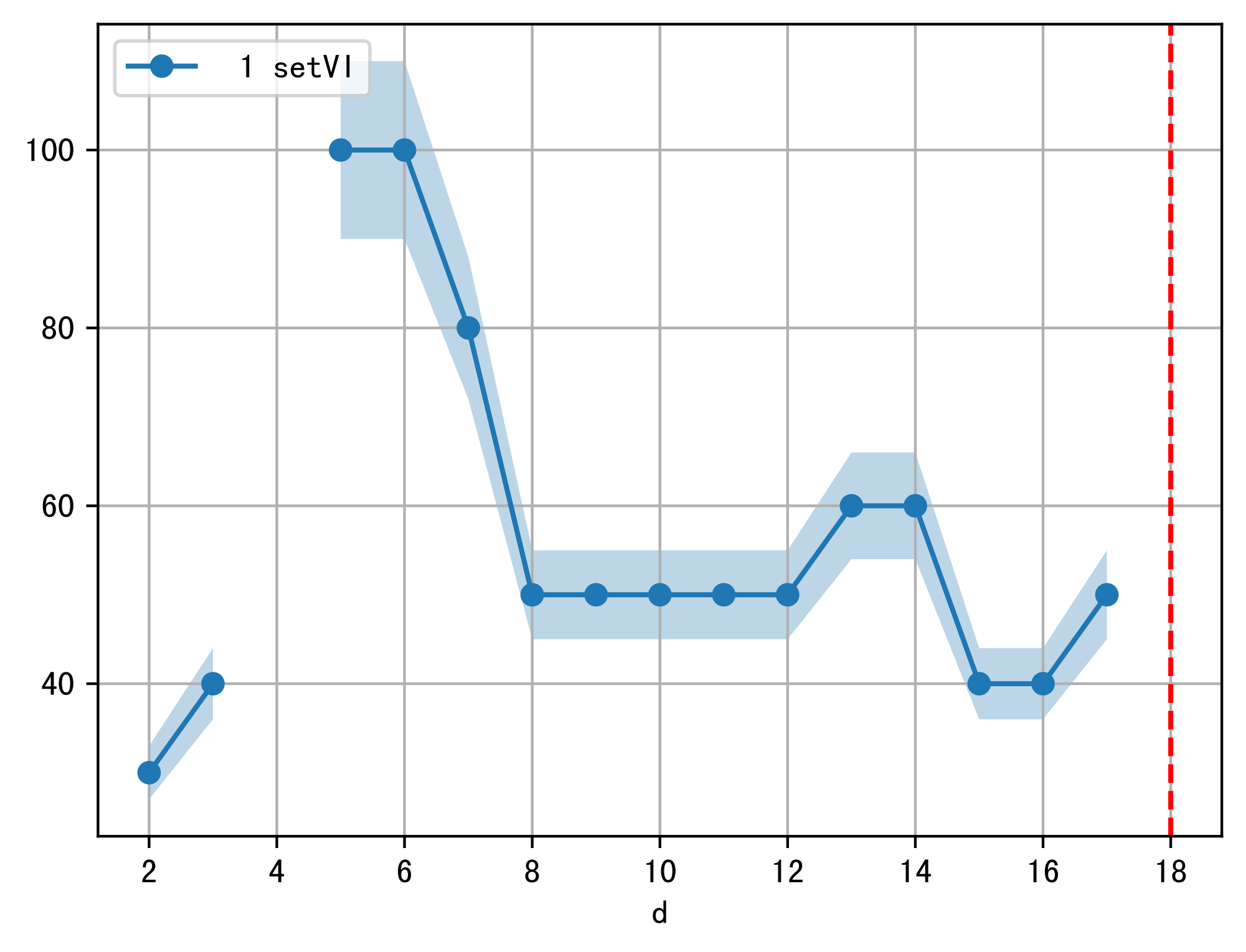

VI
V0
500
400
300
200
100
0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

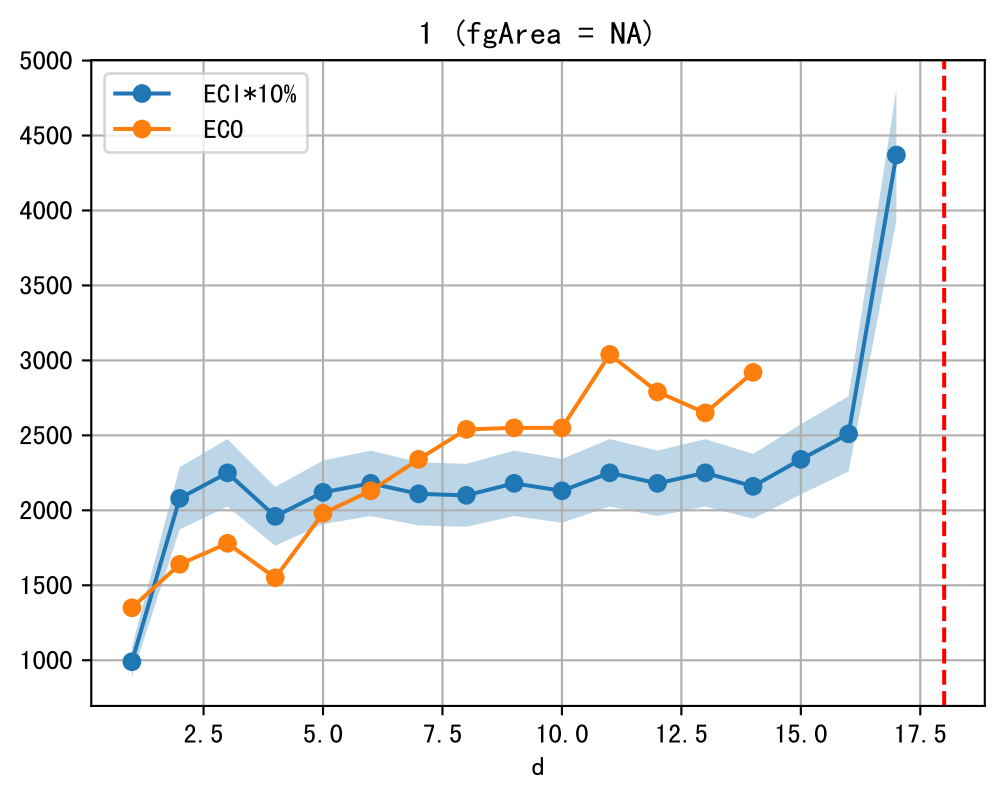

1 VN
250
200
150
100
50
0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

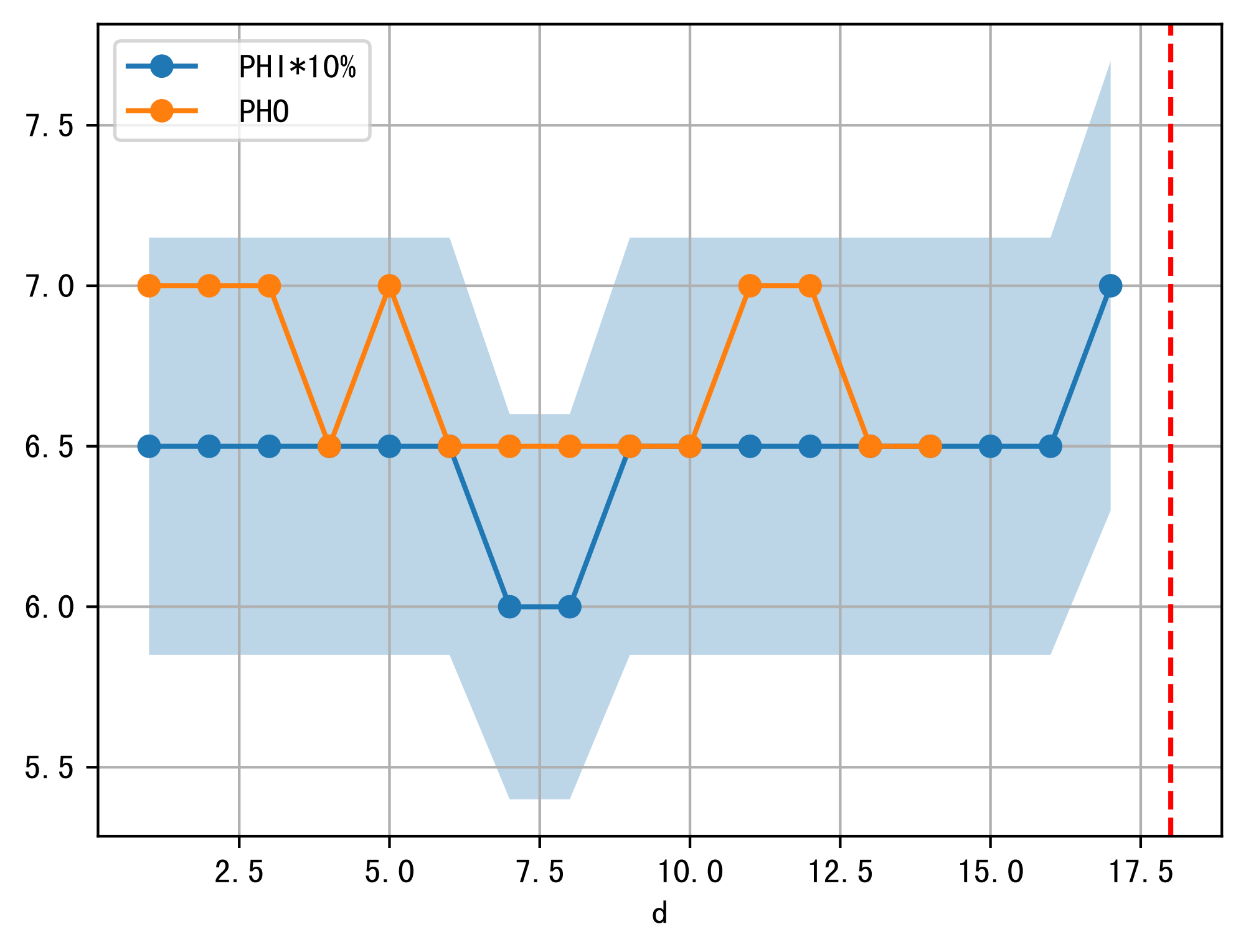

1 0IR
0.8
0.6
0.4
0.2
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

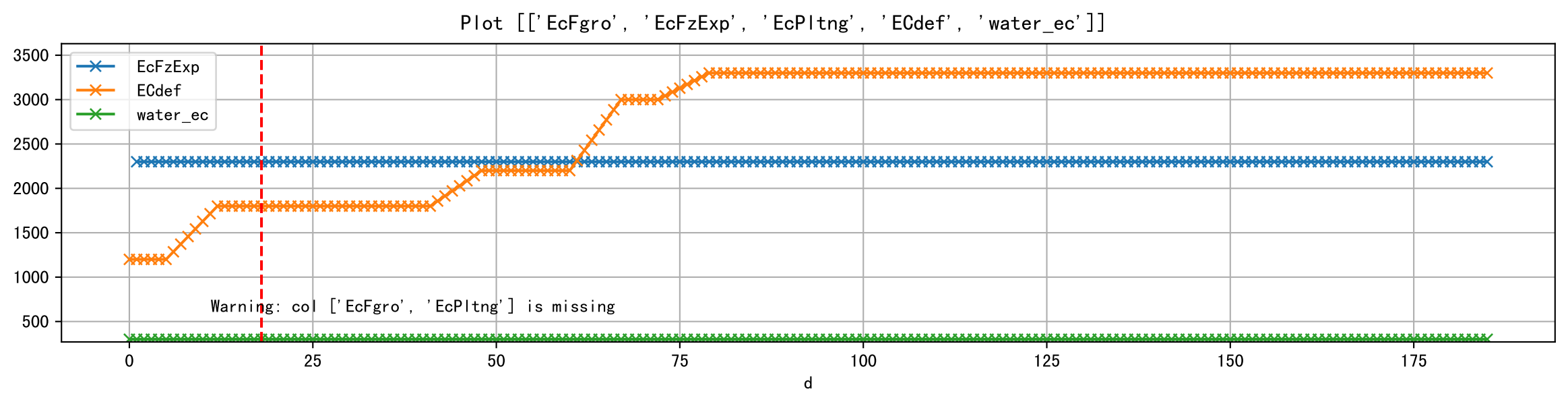

1 VI vs Du
500
400
300
200
100
200
400
600
800
1000
DU

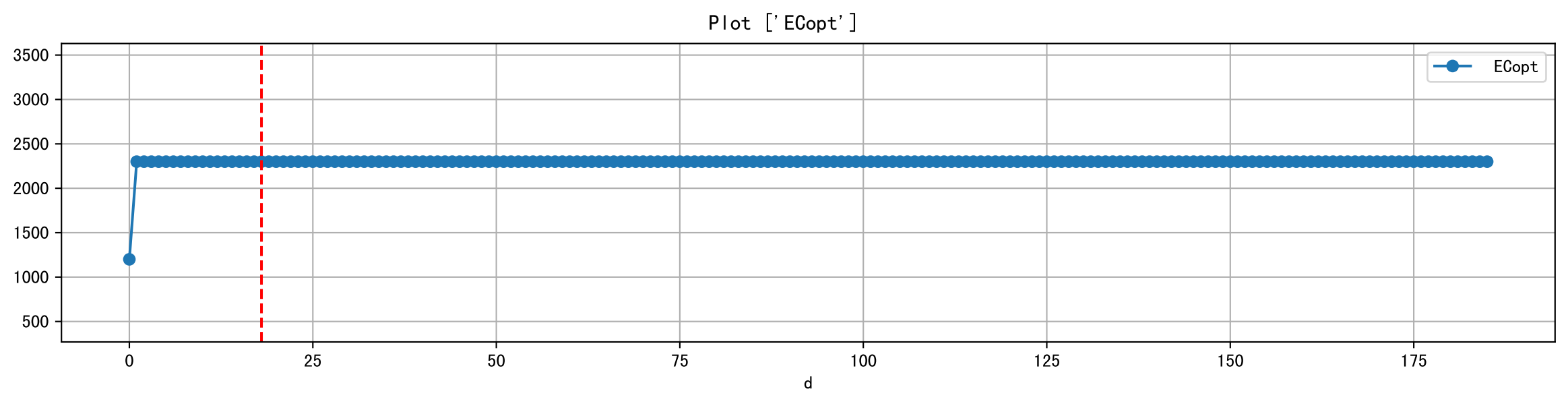

1 FR
0.550
0.525
0.500
0.475
0.450
0.425
0.400
0.375
0.350
2
4
6
8
10
12
14
16
18
d


1 setVI
100
80
60
40
2
4
6
8
10
12
14
16
18
d

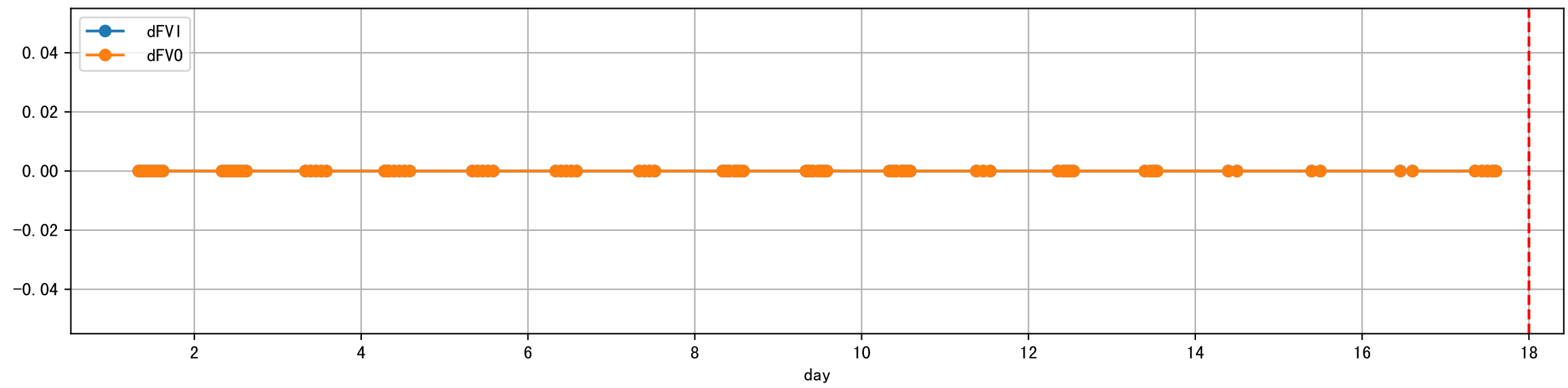

1 (fgArea = NA)
ECI*10%
ECO
5000
4500
4000
3500
3000
2500
2000
1500
1000
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

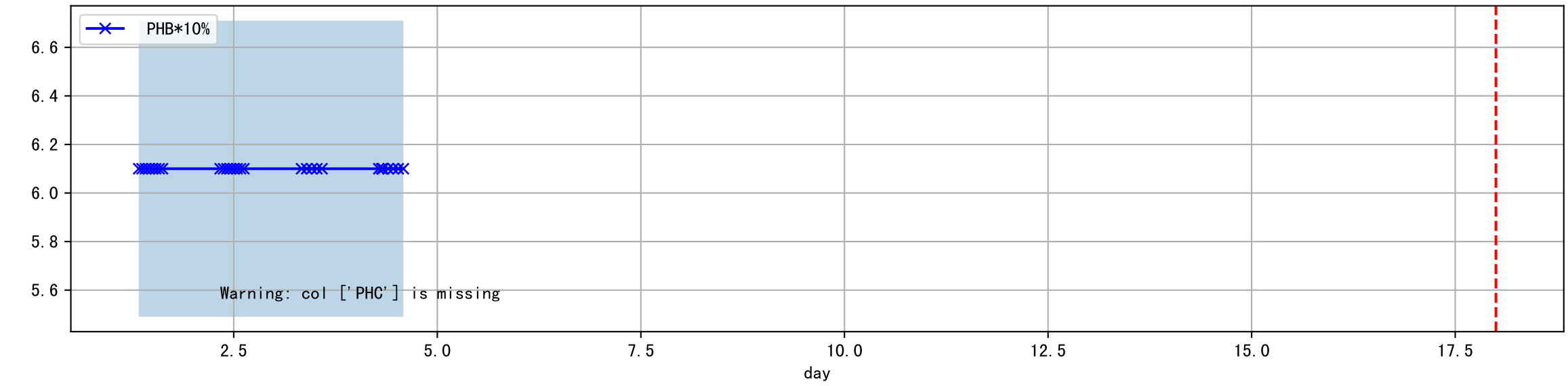

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

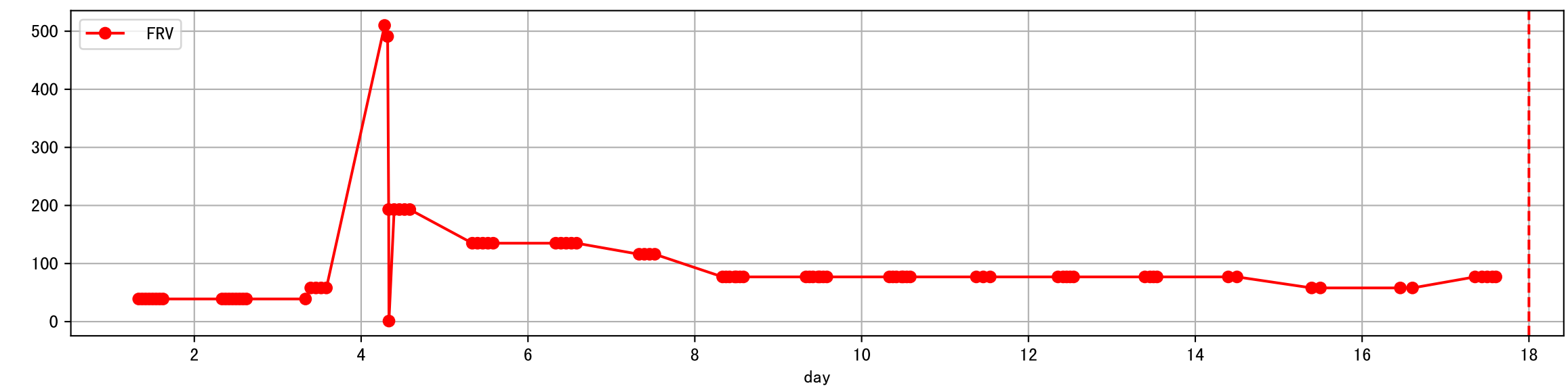

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

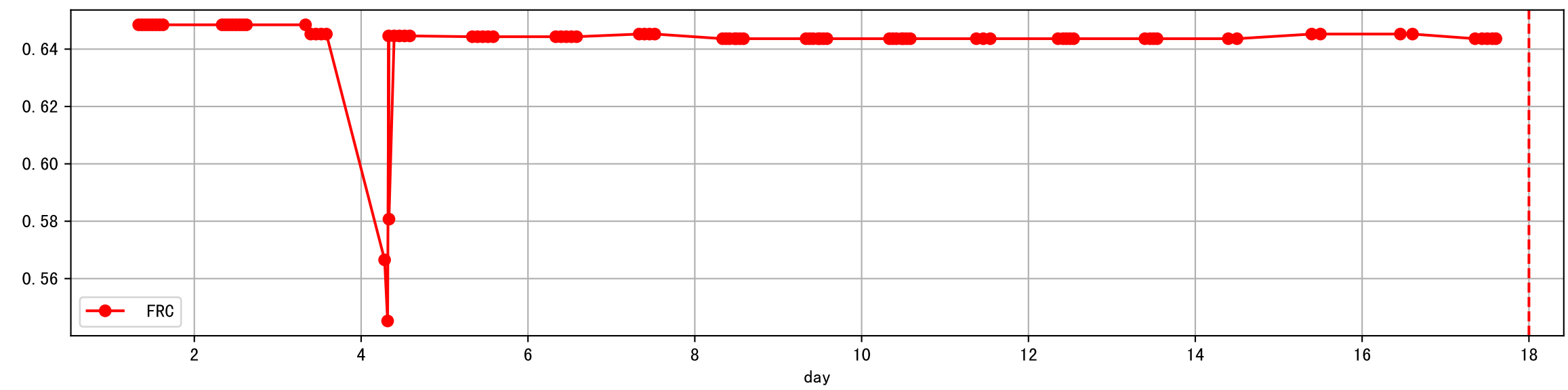

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

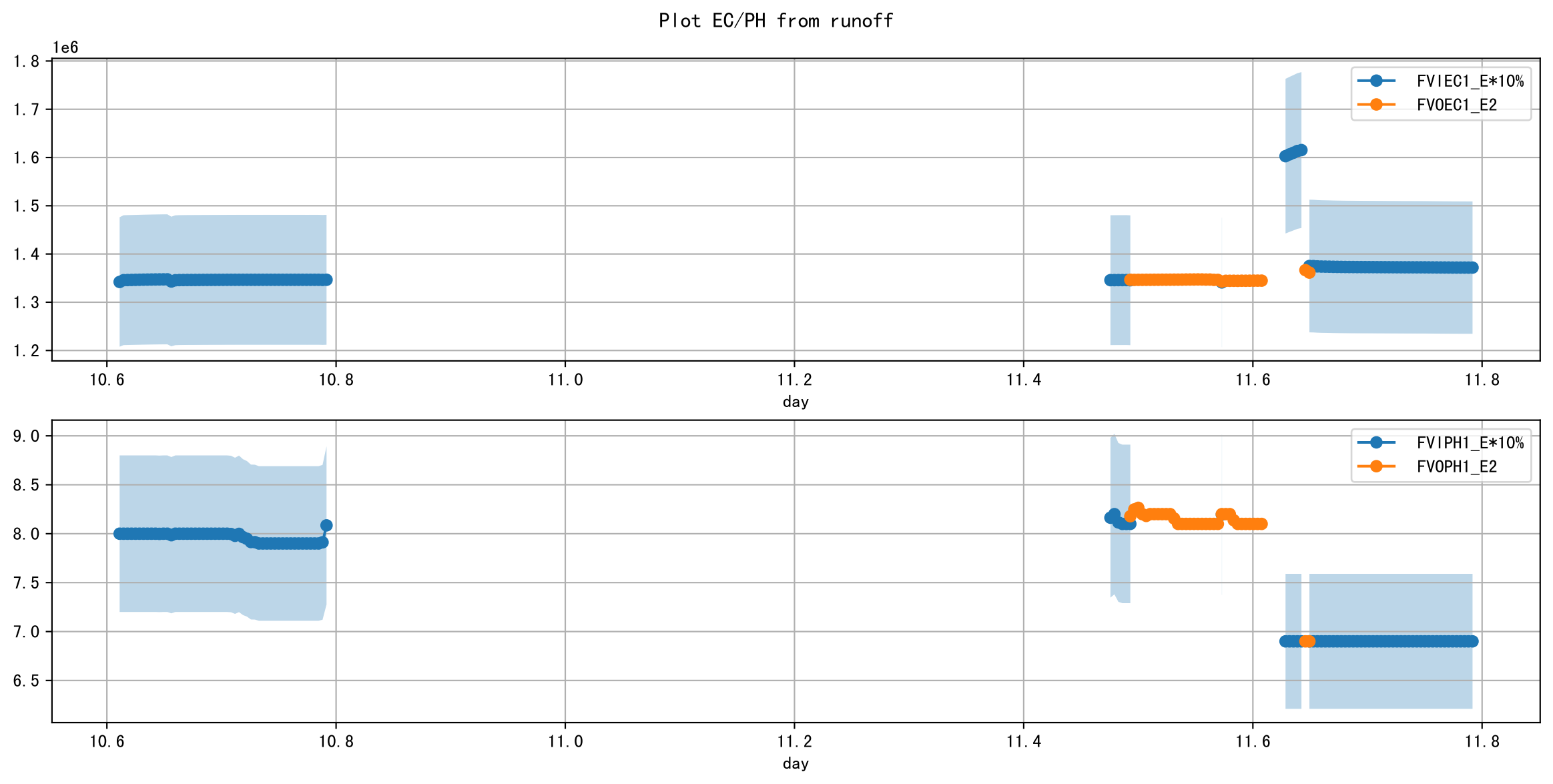
Plot Sensor and FgRec Data



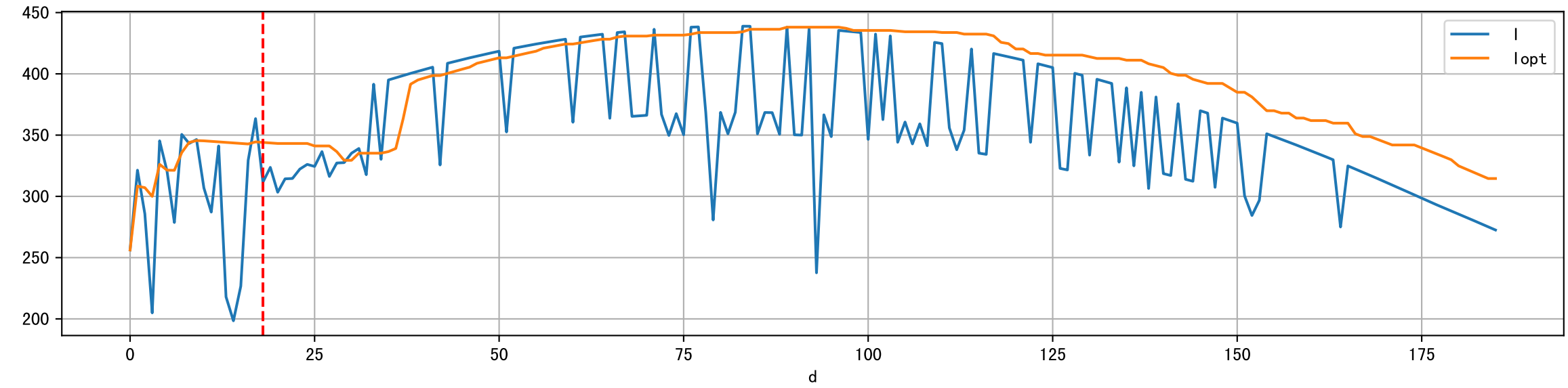


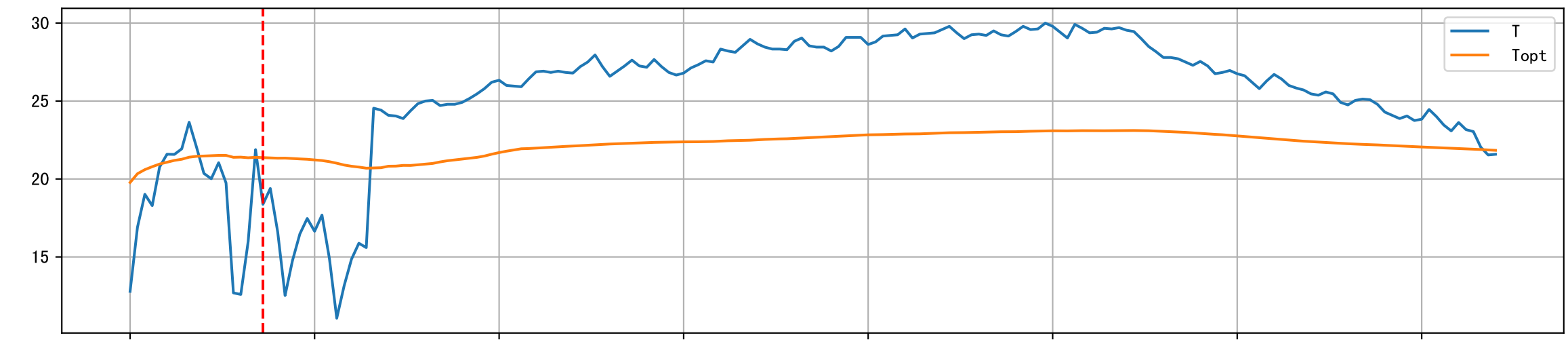


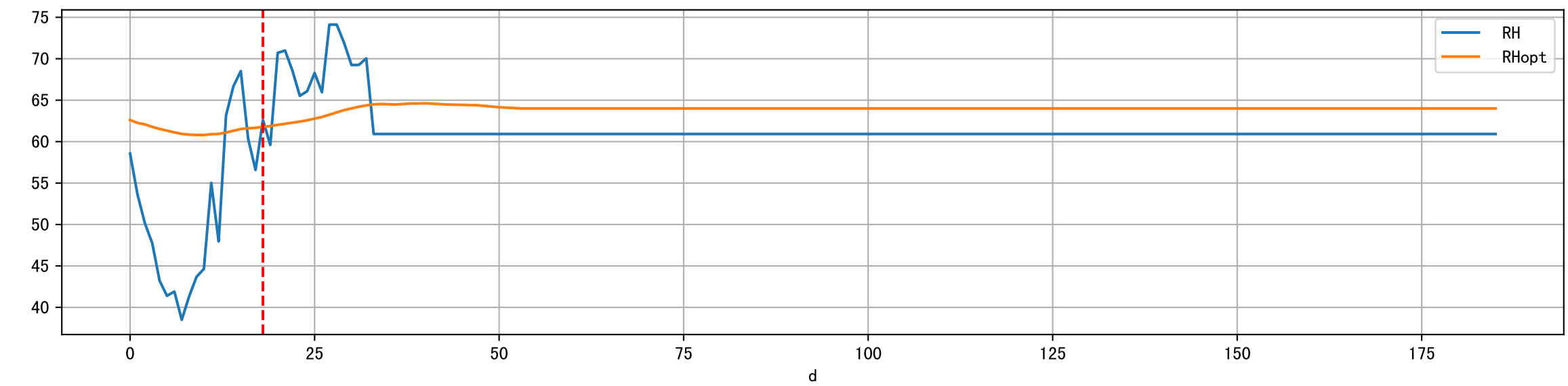


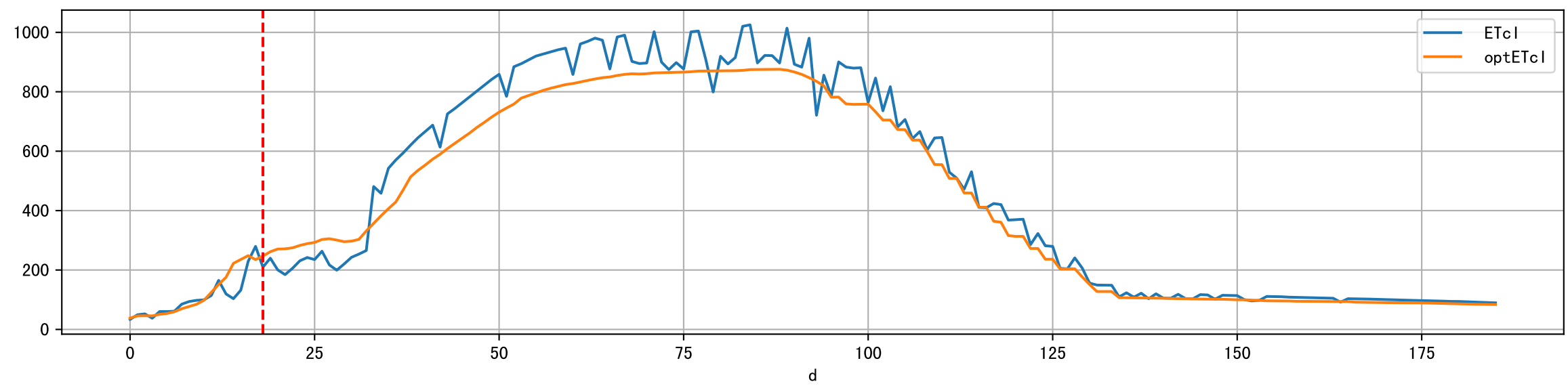

Plot EC/PH from runoff
1e6
1.8
1.7
1.6
1.5
1.4
1.3
1.2
FVIEC1_E*10%
FVOEC1_E2
10.6
10.8
11.0
11.2
11.4
11.6
11.8
day
9.0
8.5
8.0
7.5
7.0
6.5
FVIPH1_E*10%
FVOPH1_E2
10.6
10.8
11.0
11.2
11.4
11.6
11.8
day

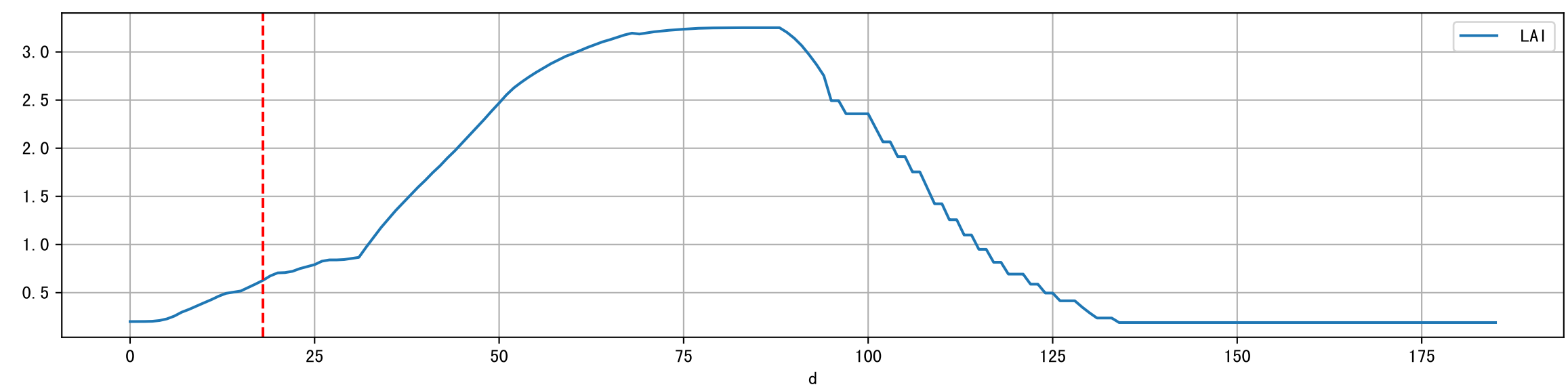
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

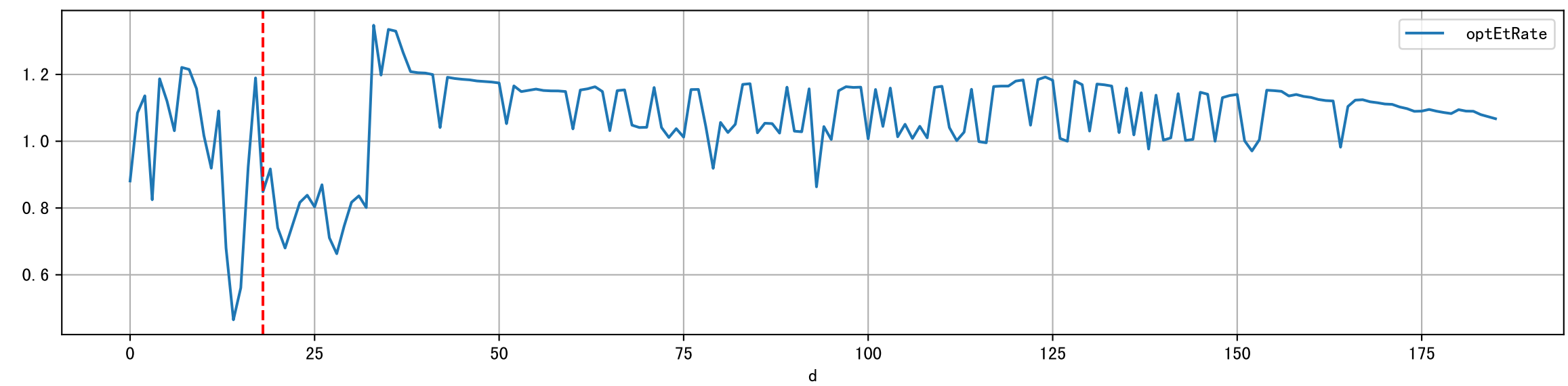


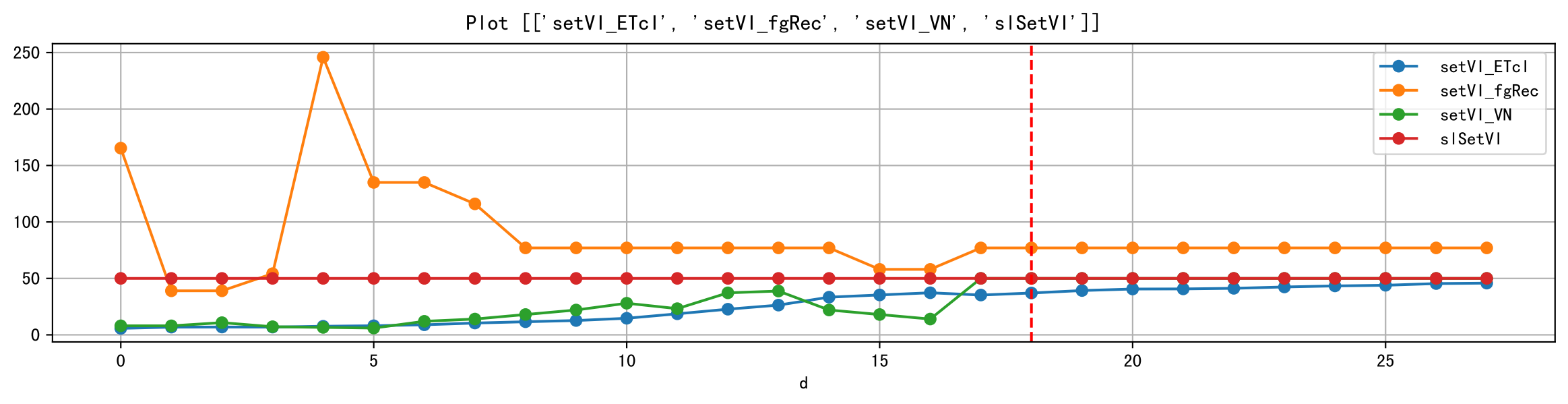


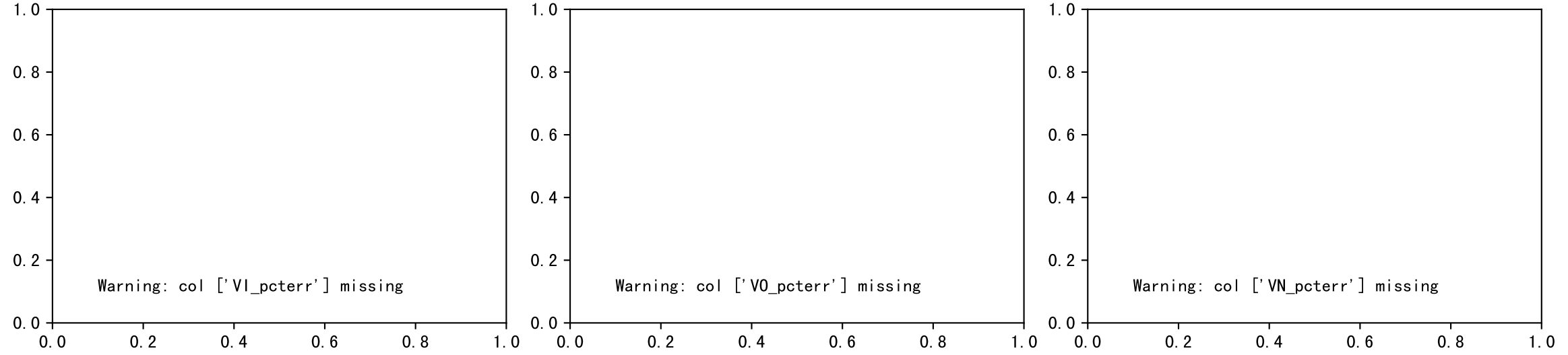


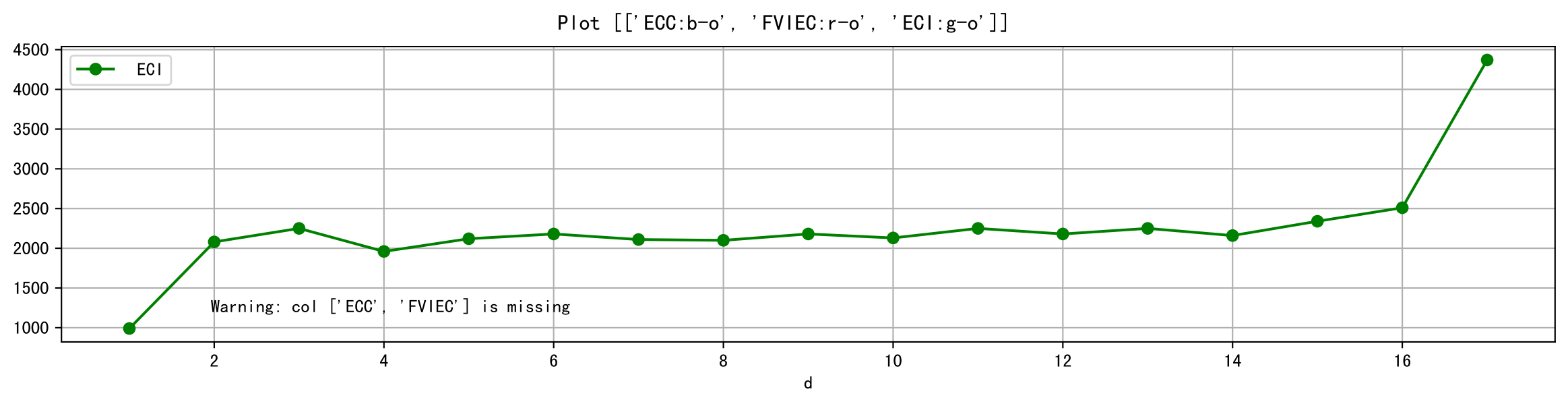


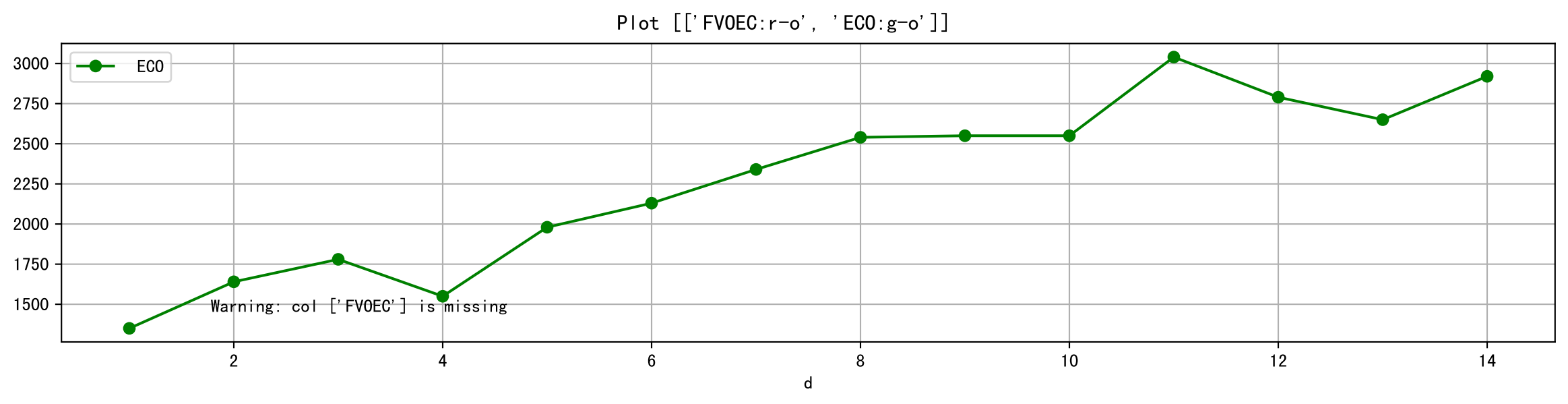


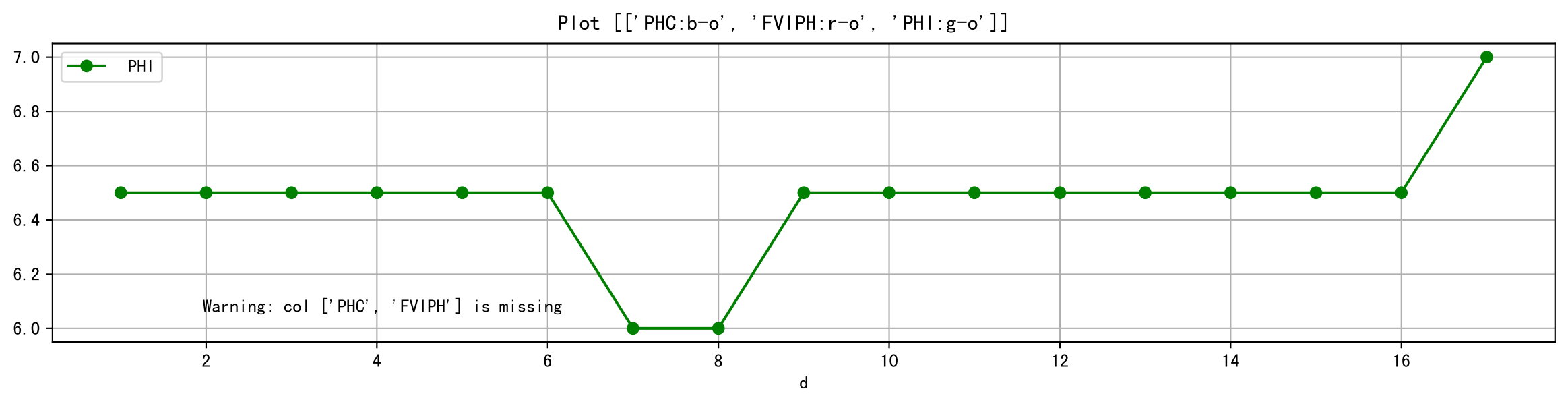


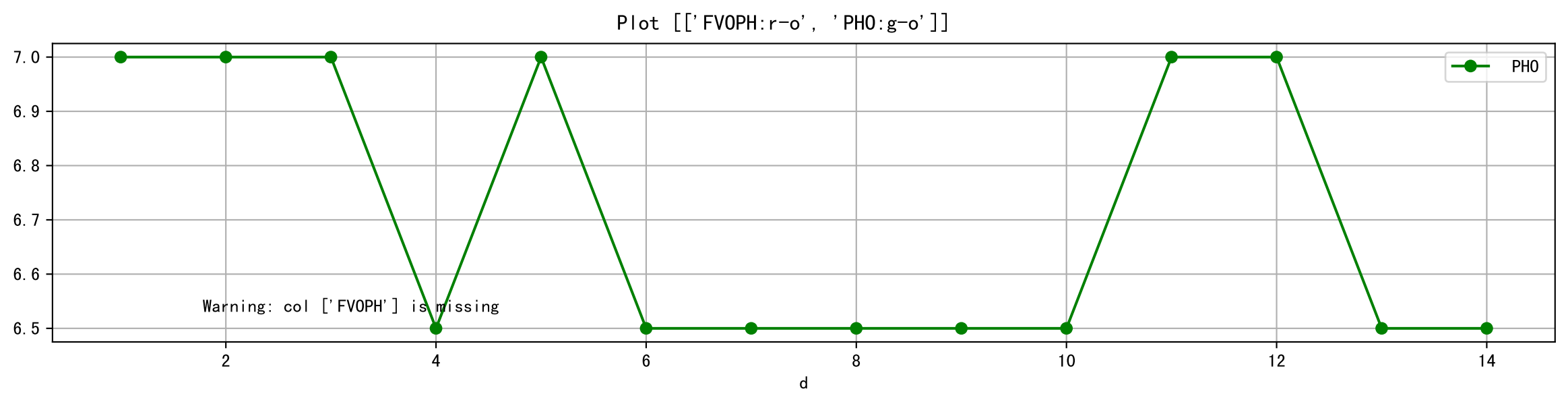

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
250
200
150
100
50
0
0
5
10
15
20
25
d
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI


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

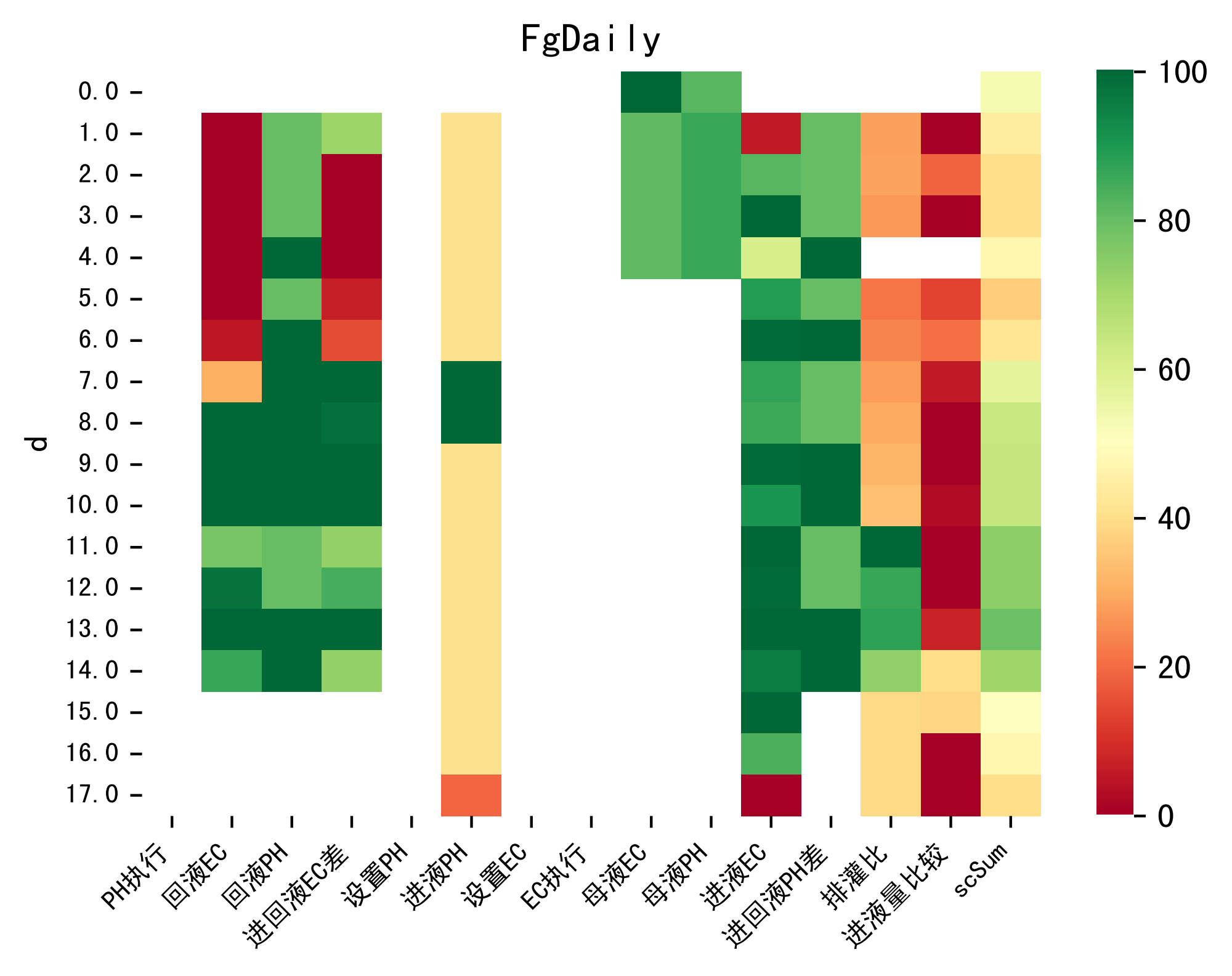

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
4500
4000
3500
3000
2500
2000
1500
1000
2
4
6
8
10
12
14
16
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
3000
2750
2500
2250
2000
1750
1500
Warning: col ['FVOEC'] is missing
2
4
6
8
10
12
14
d

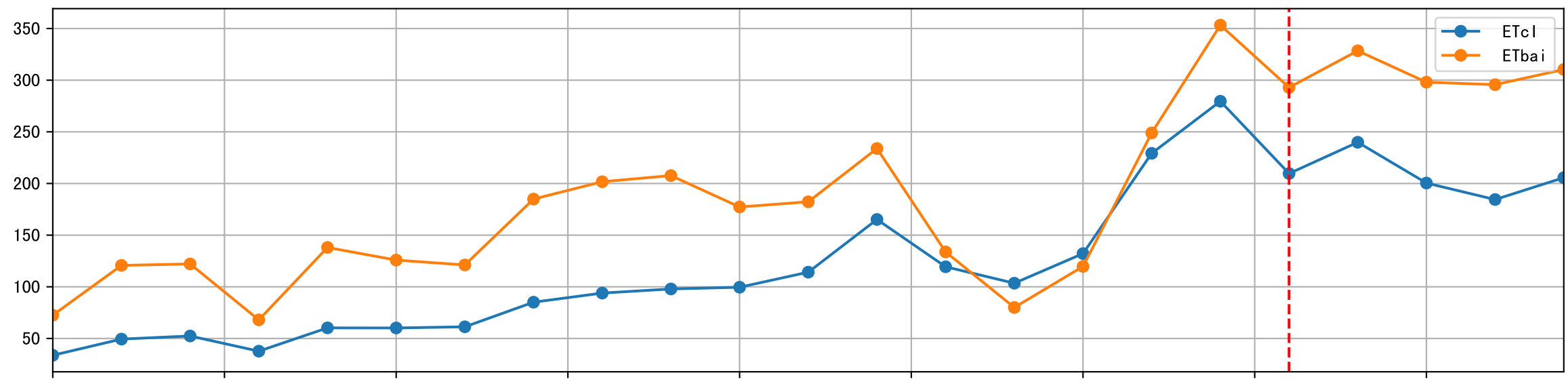

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
7.0
6.8
6.6
6.4
6.2
6.0
Warning: col ['PHC', 'FVIPH'] is missing
2
4
6
8
10
12
14
16
d

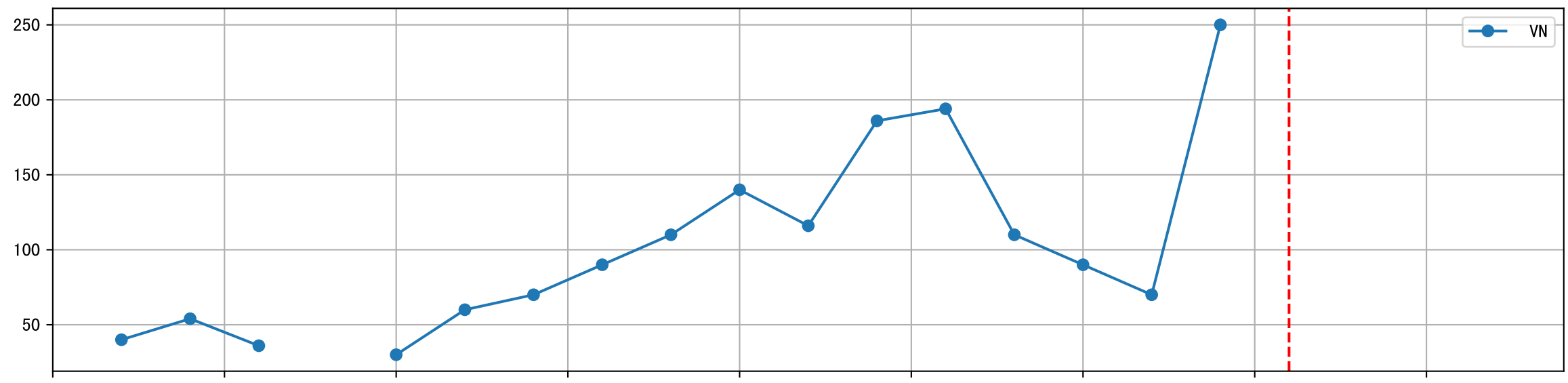

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
2
4
6
8
10
12
14
d

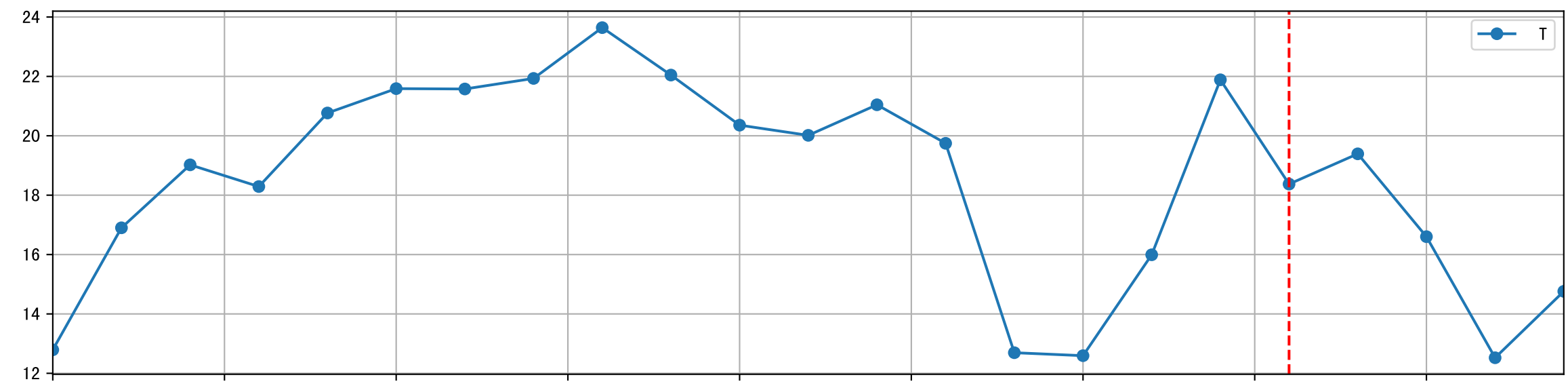

Trend plot forP3-1_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

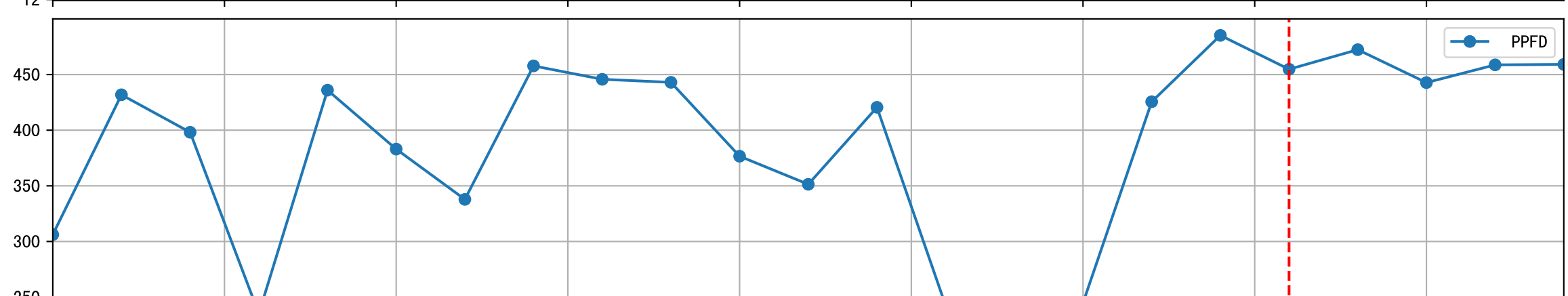

FgDaily
d
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
17.0
PH执行
回液EC
回液PH
进回液EC差
设置PH
进液PH
设置EC
EC执行
母液EC
母液PH
进液EC
进回液PH差
排灌比
进液量比较
scSum
100
80
60
40
20
0

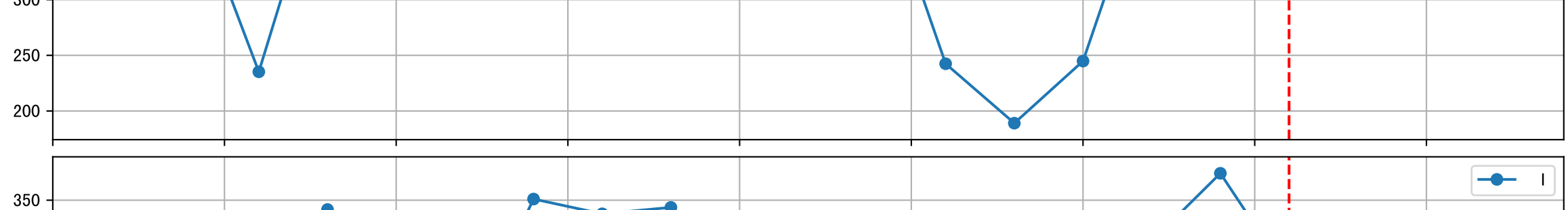
P3-1_0

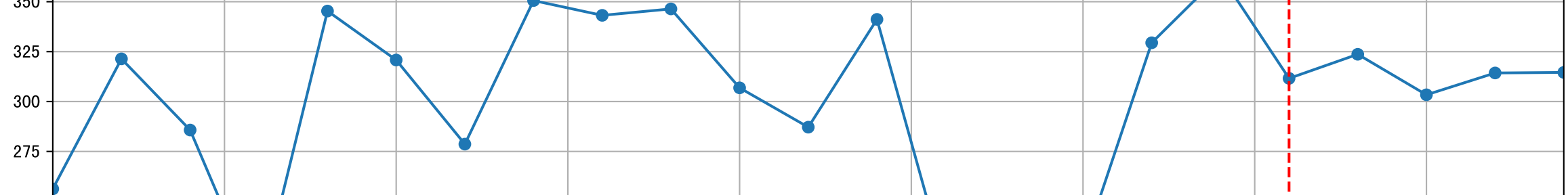


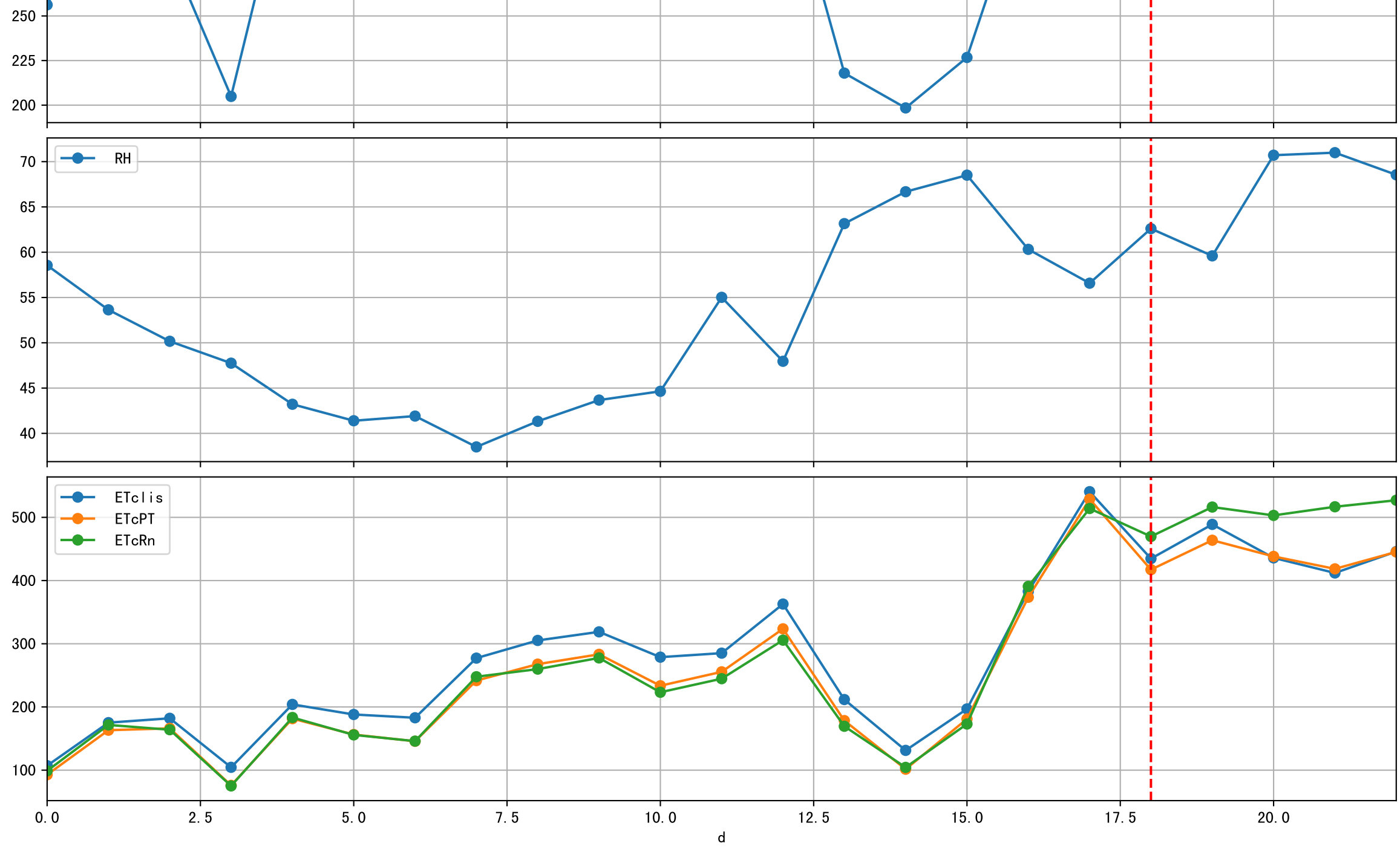


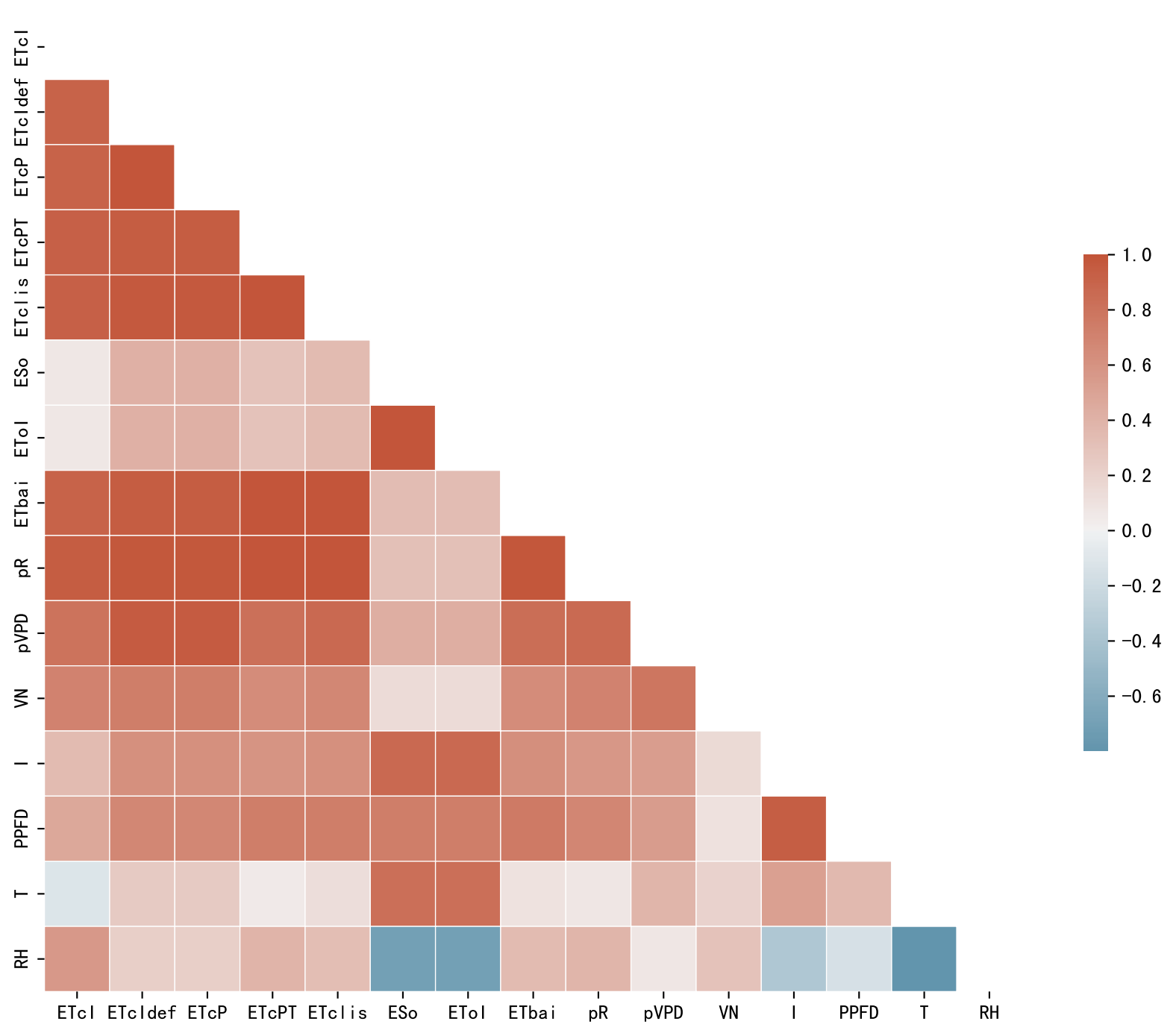


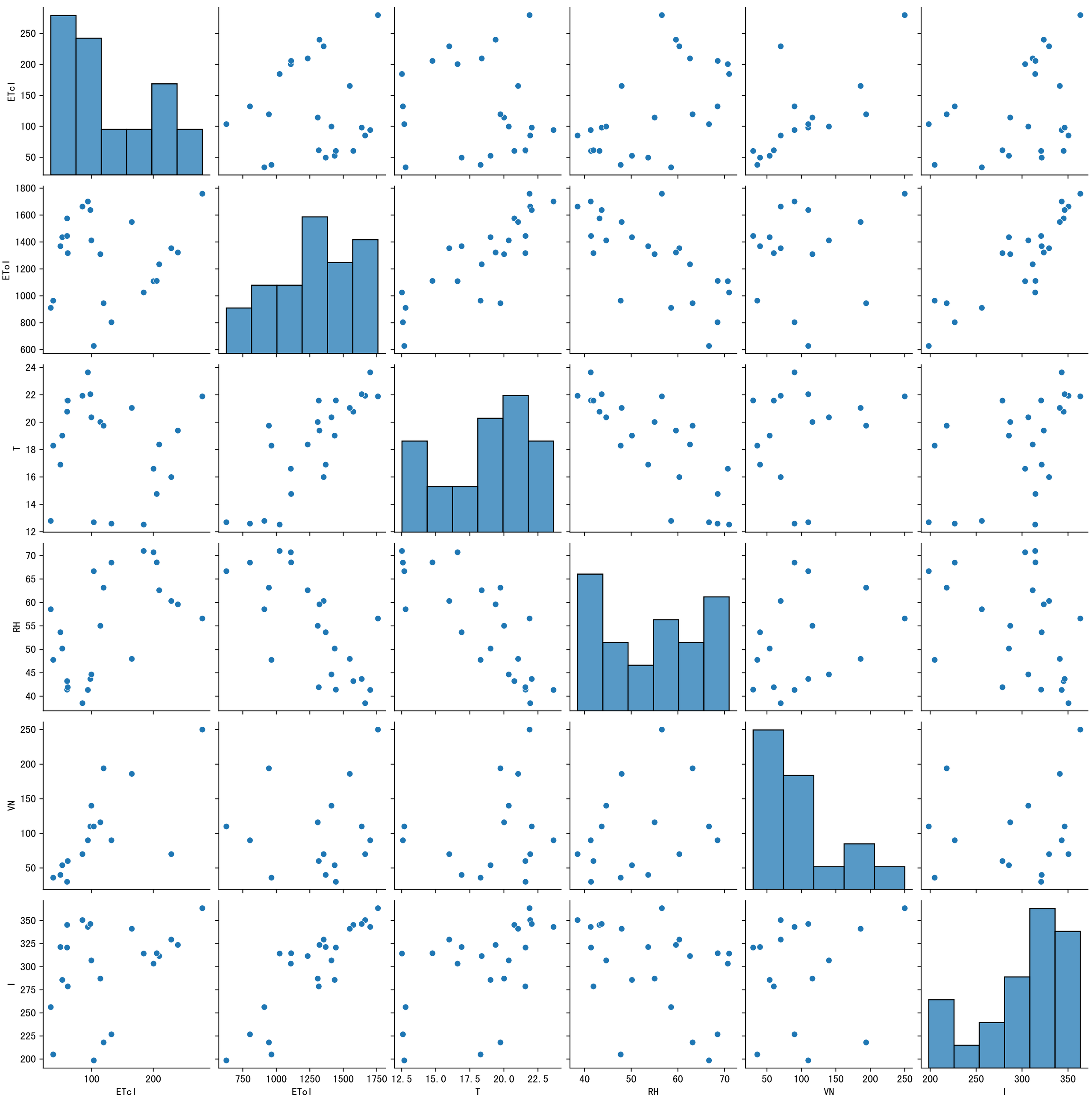


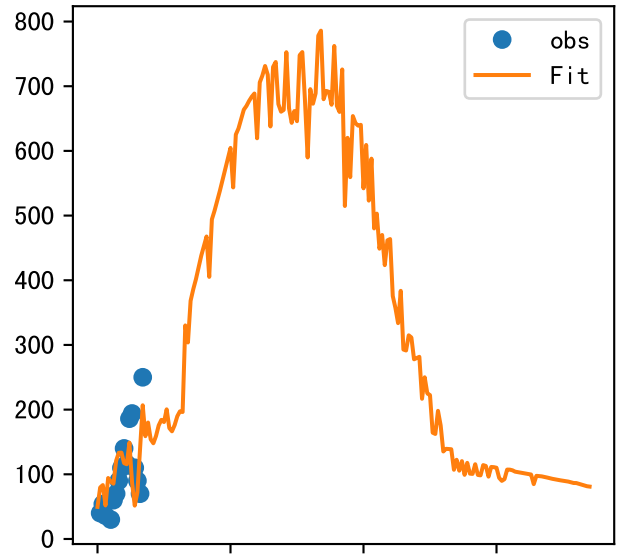


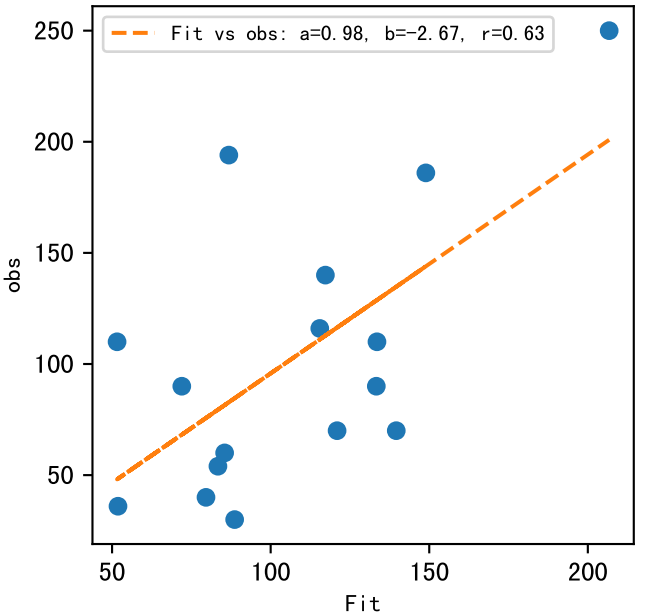




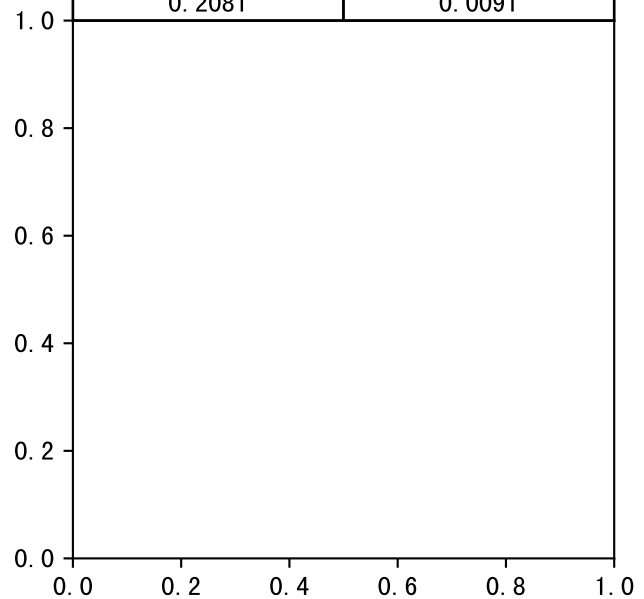

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

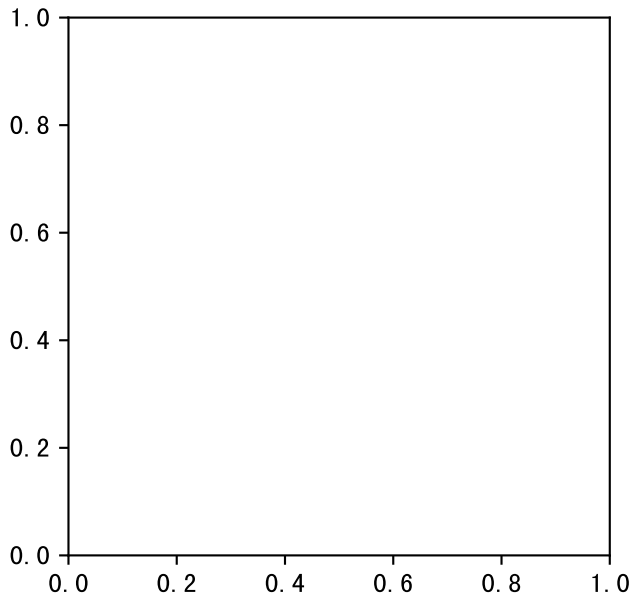

ETcl
ETol
T
RH
VN
I

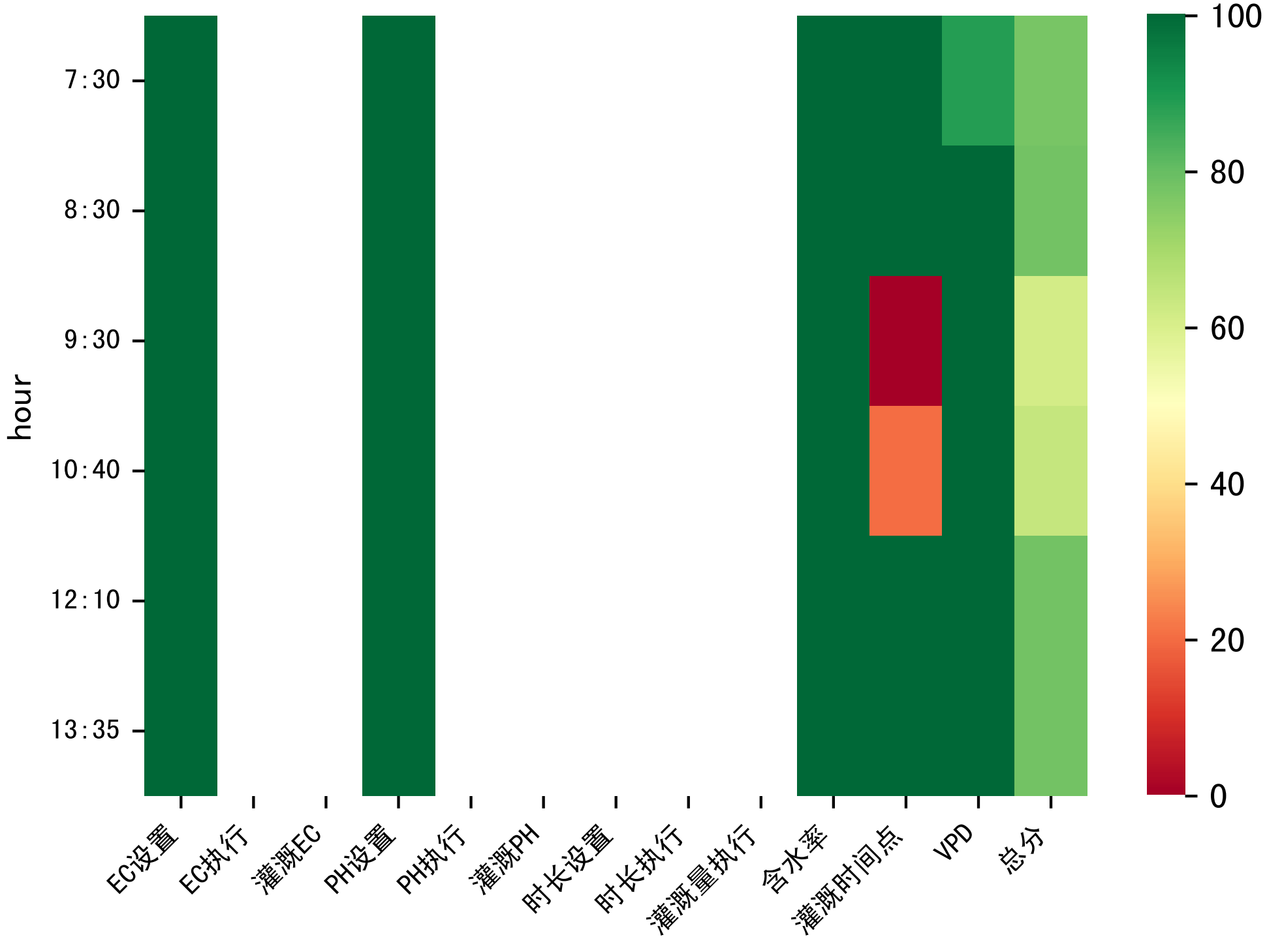




baiA	baiB
0.2081	0.0091



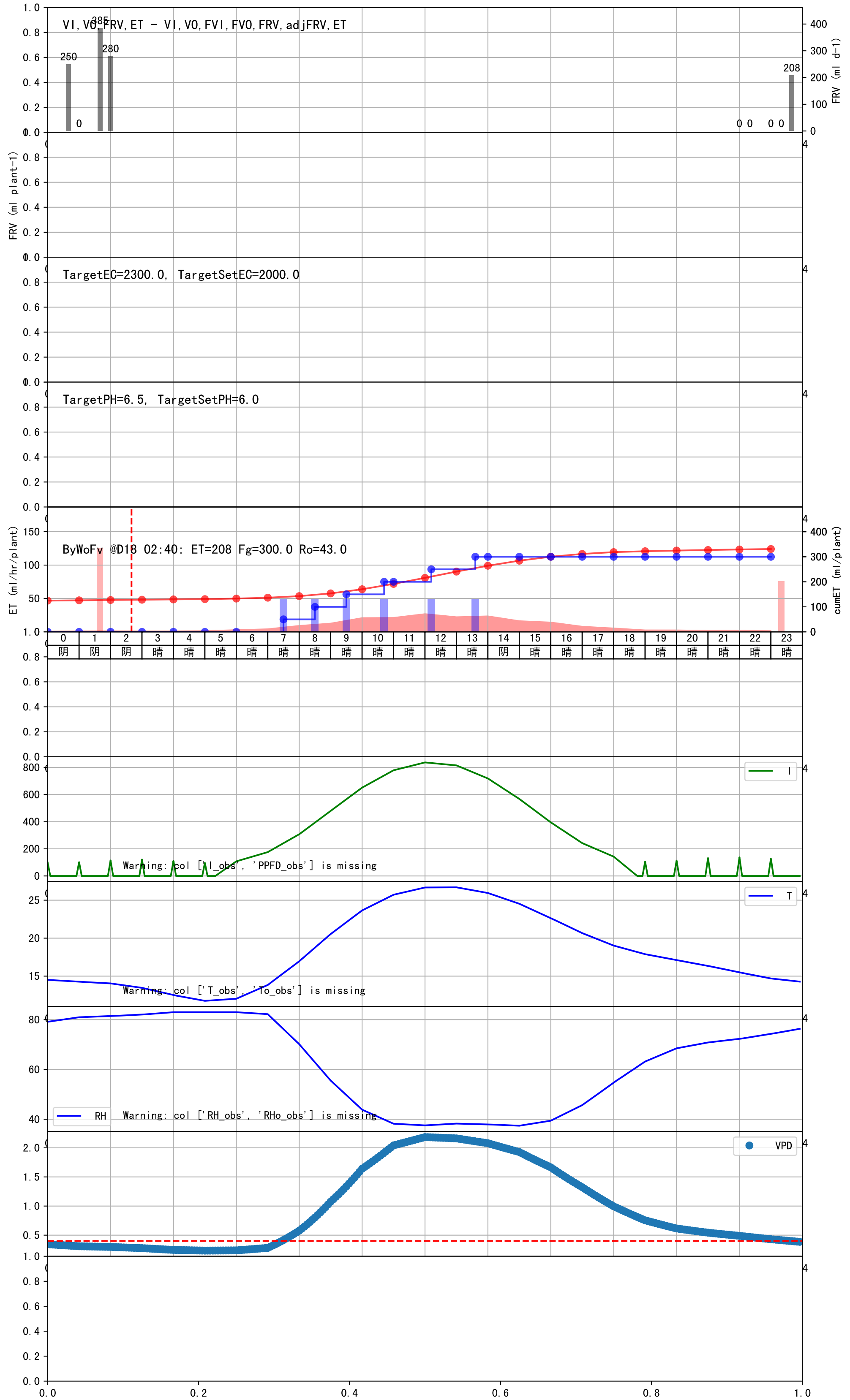


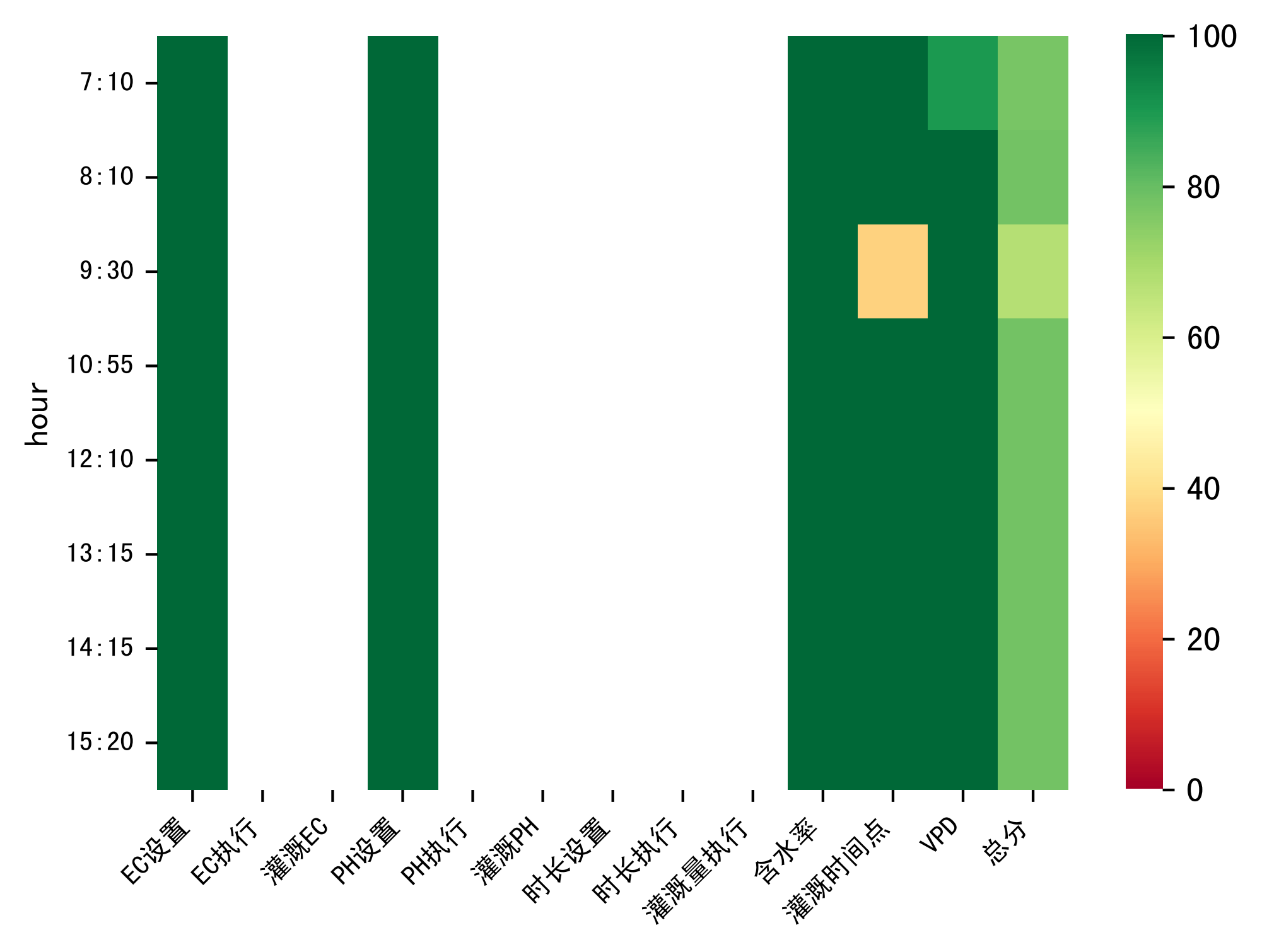

hour
7:30
8:30
9:30
10:40
12:10
13:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:30	109	50.0	晴	预期@07:30（未用传感器）
08:30	109	50.0	晴	预期@08:30（未用传感器）
09:30	109	50.0	晴	预期@09:30（未用传感器）
10:40	109	50.0	晴	预期@10:40（未用传感器）
12:10	109	50.0	晴	预期@12:10（未用传感器）
13:35	109	50.0	晴	预期@13:35（未用传感器）
总计	654.0 (6次)	300.0		建议进液EC：2000.0， PH：6.0

昨天进回液EC数据缺失.
昨天灌溉EC（2510.0）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

P3-1_0, Day=18 (2025-04-16)

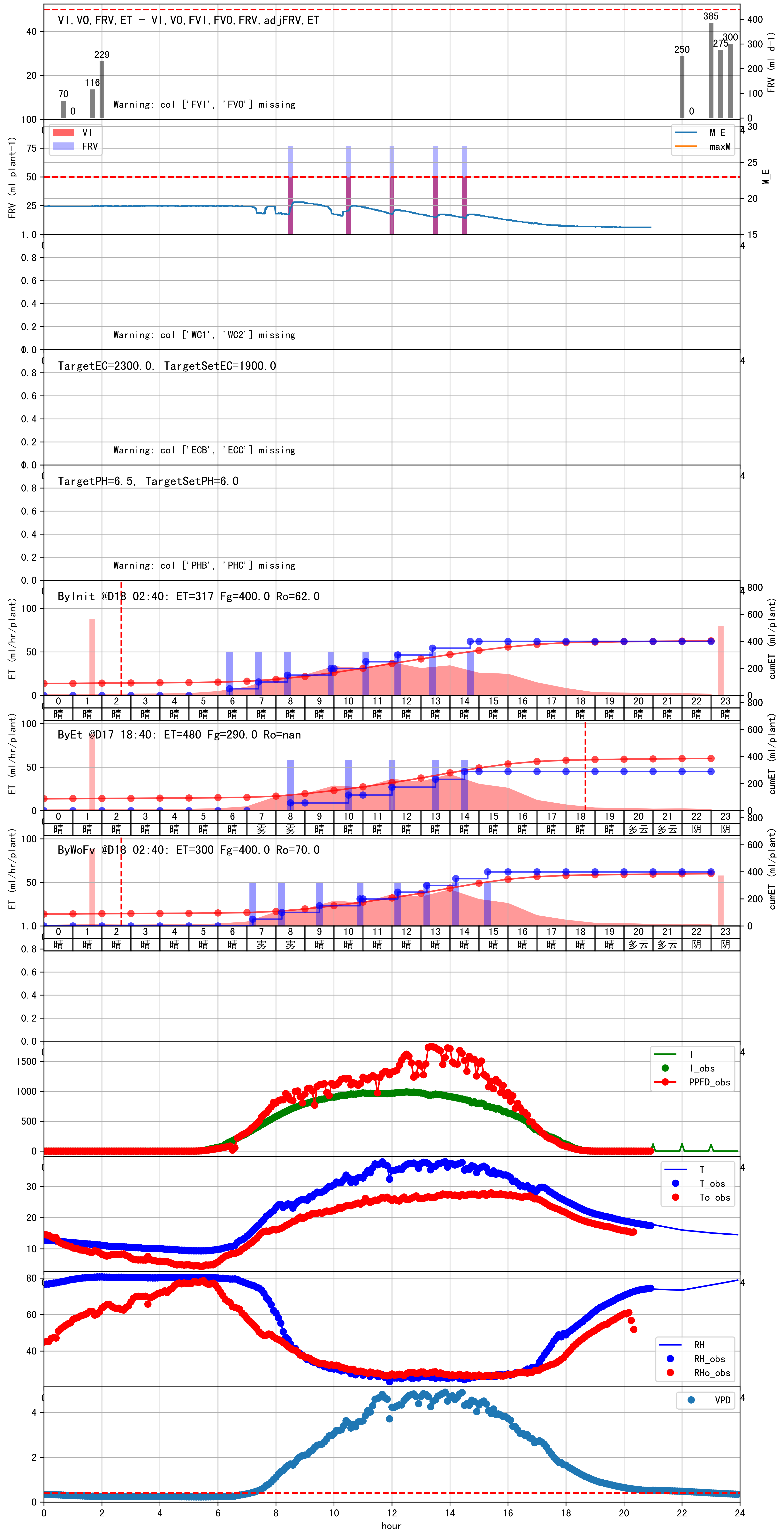


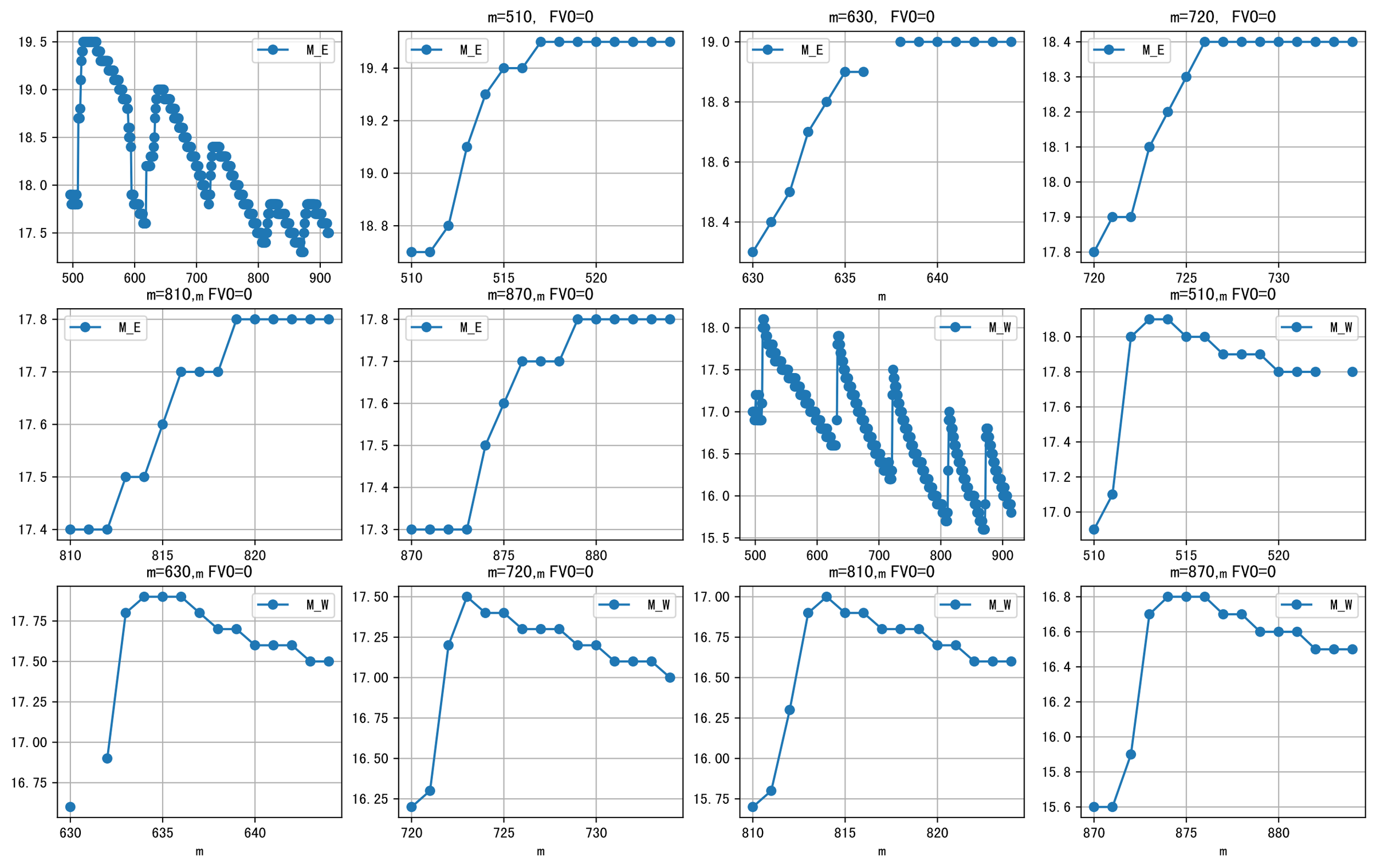

hour
7:10
8:10
9:30
10:55
12:10
13:15
14:15
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

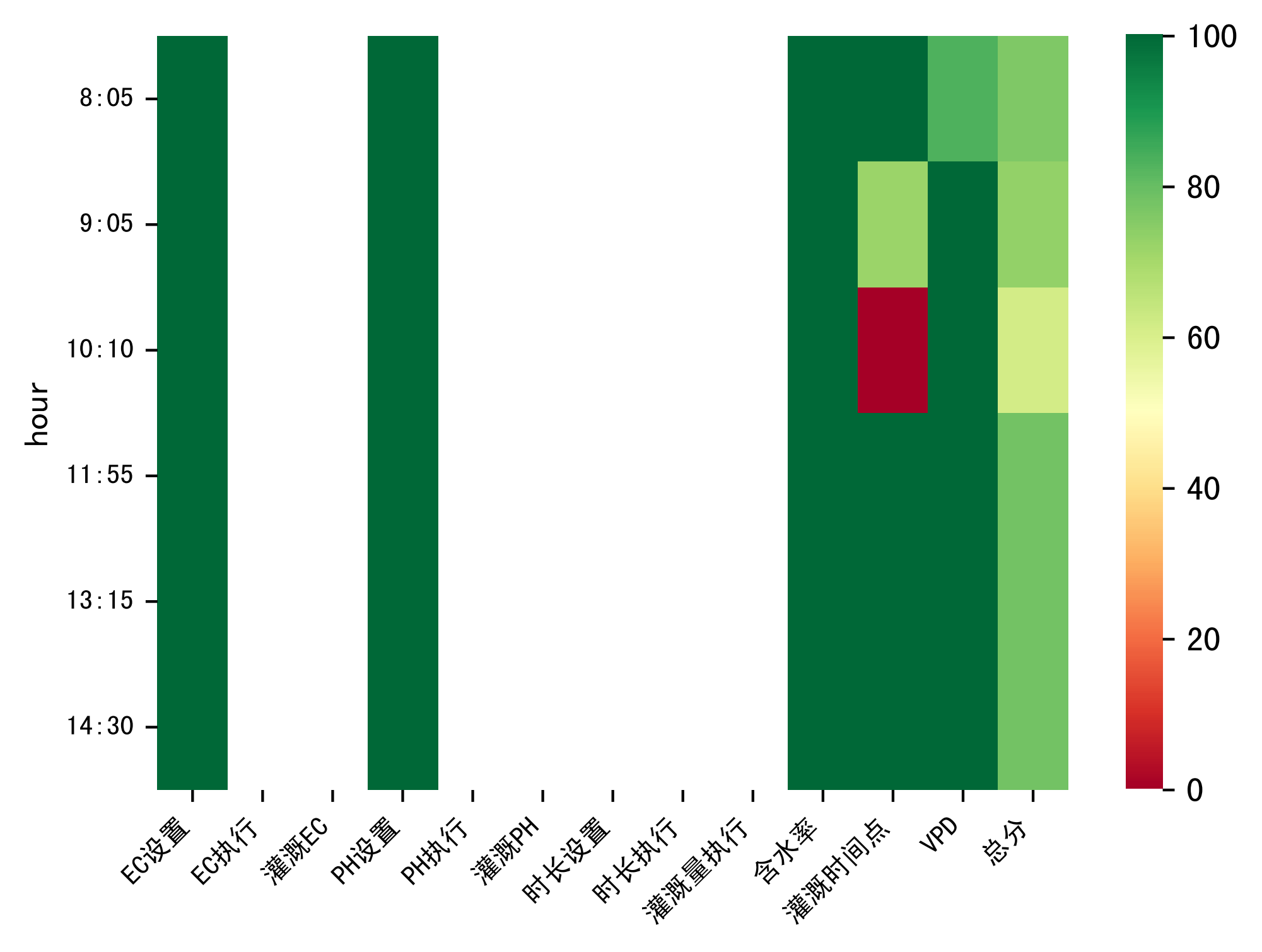
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:10	120	50.0	雾	假设@07:10 手动（未用传感器）
08:10	120	50.0	雾	假设@08:10 手动（未用传感器）
09:30	120	50.0	晴	假设@09:30 手动（未用传感器）
10:55	120	50.0	晴	假设@10:55 手动（未用传感器）
12:10	120	50.0	晴	假设@12:10 手动（未用传感器）
13:15	120	50.0	晴	假设@13:15 手动（未用传感器）
14:15	120	50.0	晴	假设@14:15 手动（未用传感器）
15:20	120	50.0	晴	假设@15:20 手动（未用传感器）
总计	960.0 (8次)	400.0		建议进液EC：1900.0， PH：6.0

施肥机灌溉量与预期值不符 (77.0 : 55.0)，可能由于一阀多区不均匀
上次灌溉时长(120)与预期(109.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉55.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2422.0）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

P3-1_0, Day=17 (2025-04-15)



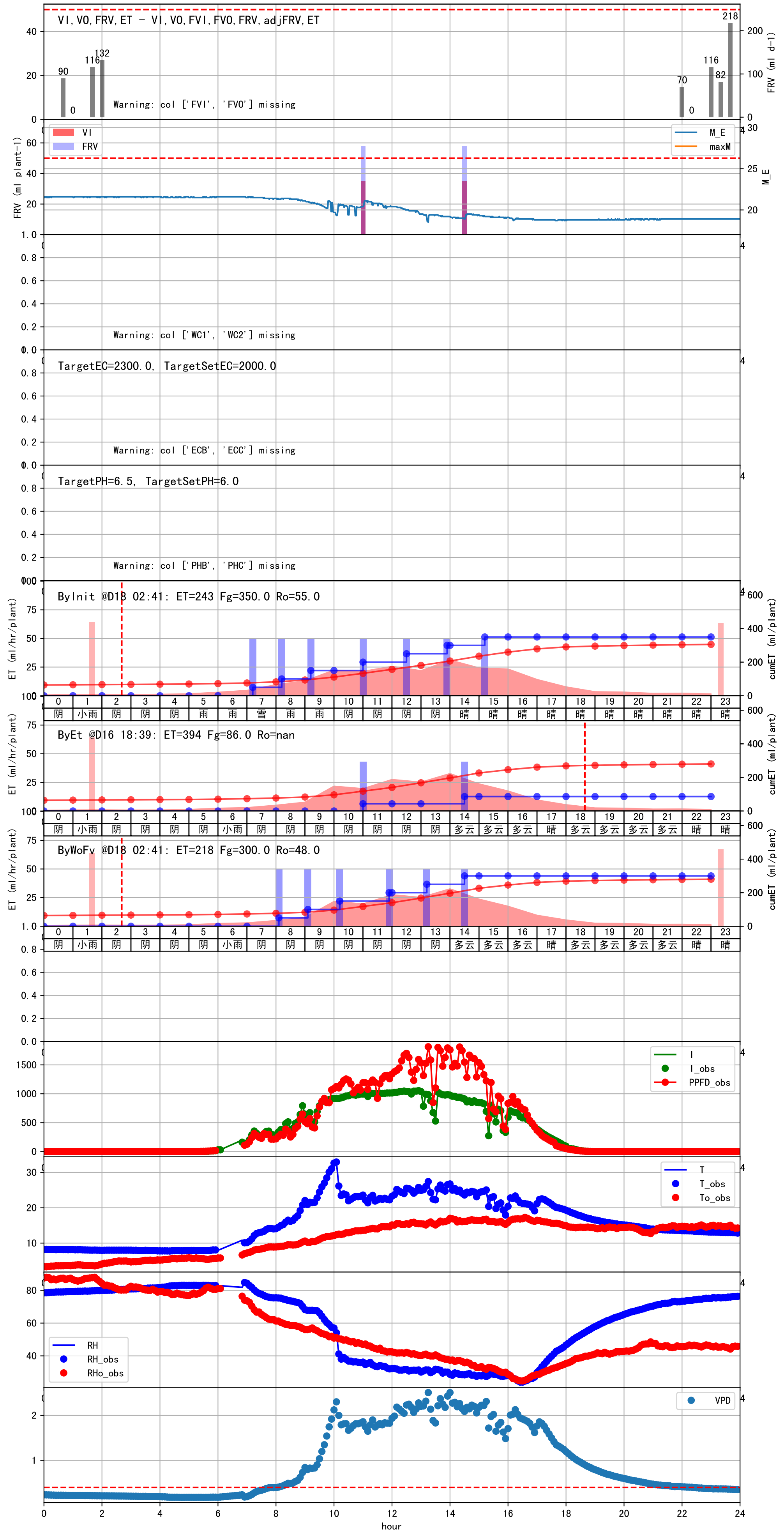

M_E
M_W
m=510, FV0=0
m=630, FV0=0
m=720, FV0=0
m=810,m FV0=0
m=870,m FV0=0
m=510,m FV0=0
m=630,m FV0=0
m=720,m FV0=0
m=810,m FV0=0
m=870,m FV0=0
m

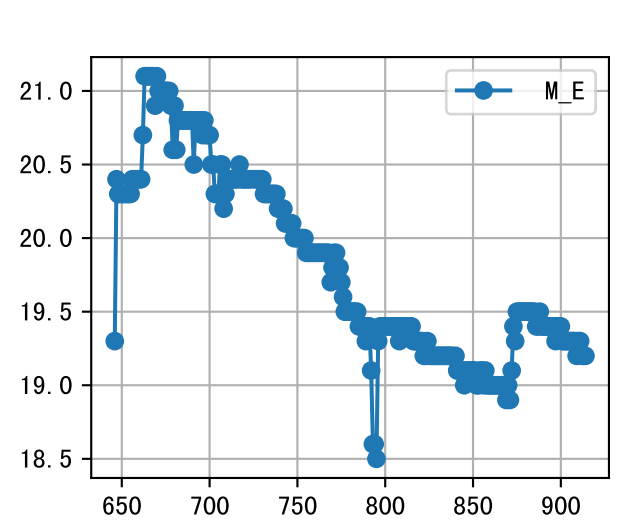

hour
8:05
9:05
10:10
11:55
13:15
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

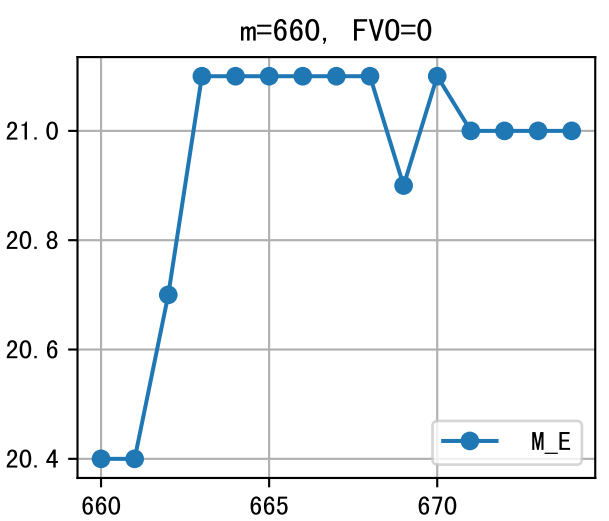
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:05	90	50.0	阴	假设@08:05 手动（未用传感器）
09:05	90	50.0	阴	假设@09:05 手动（未用传感器）
10:10	90	50.0	阴	假设@10:10 手动（未用传感器）
11:55	90	50.0	阴	假设@11:55 手动（未用传感器）
13:15	90	50.0	阴	假设@13:15 手动（未用传感器）
14:30	90	50.0	多云	假设@14:30 手动（未用传感器）
总计	540.0 (6次)	300.0		建议进液EC：2000.0， PH：6.0

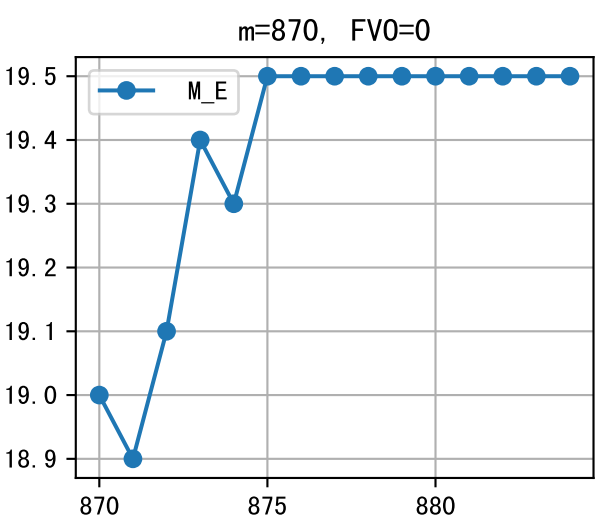
施肥机灌溉量与预期值不符 (58.0 : 41.0)，可能由于一阀多区不均匀
上次灌溉时长(90)与预期(109.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉41.0 ml.
large discrepency for begining water status (64:252.0), set to 101.0 ml.
昨天进回液EC数据缺失.
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

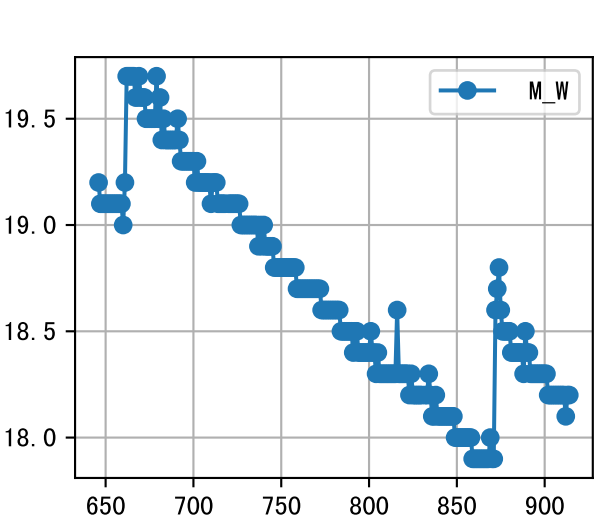
P3-1_0, Day=16 (2025-04-14)

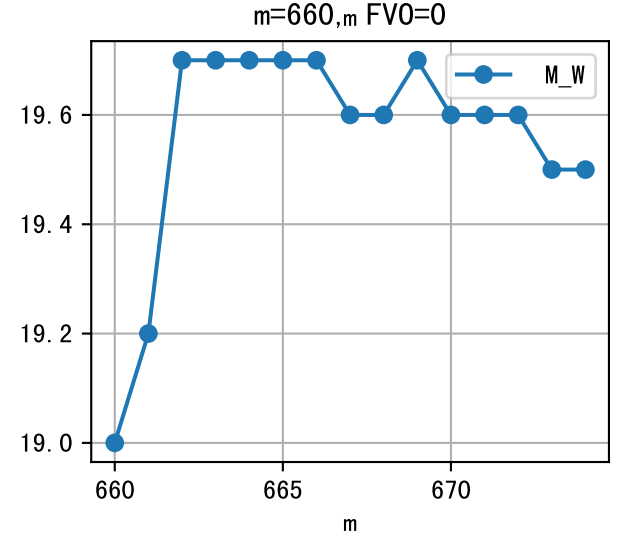


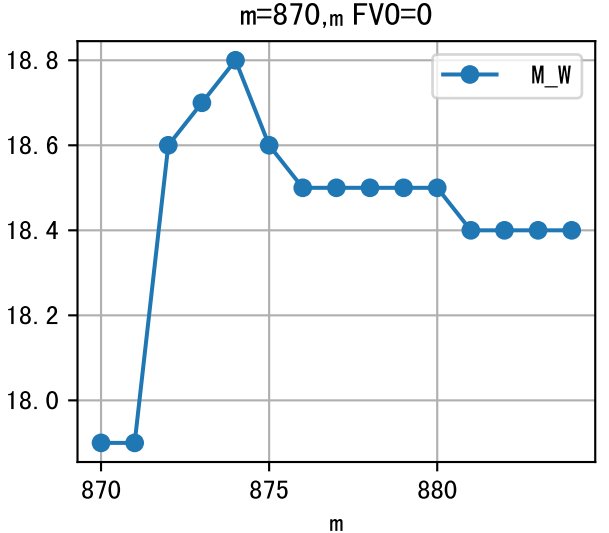

M_E

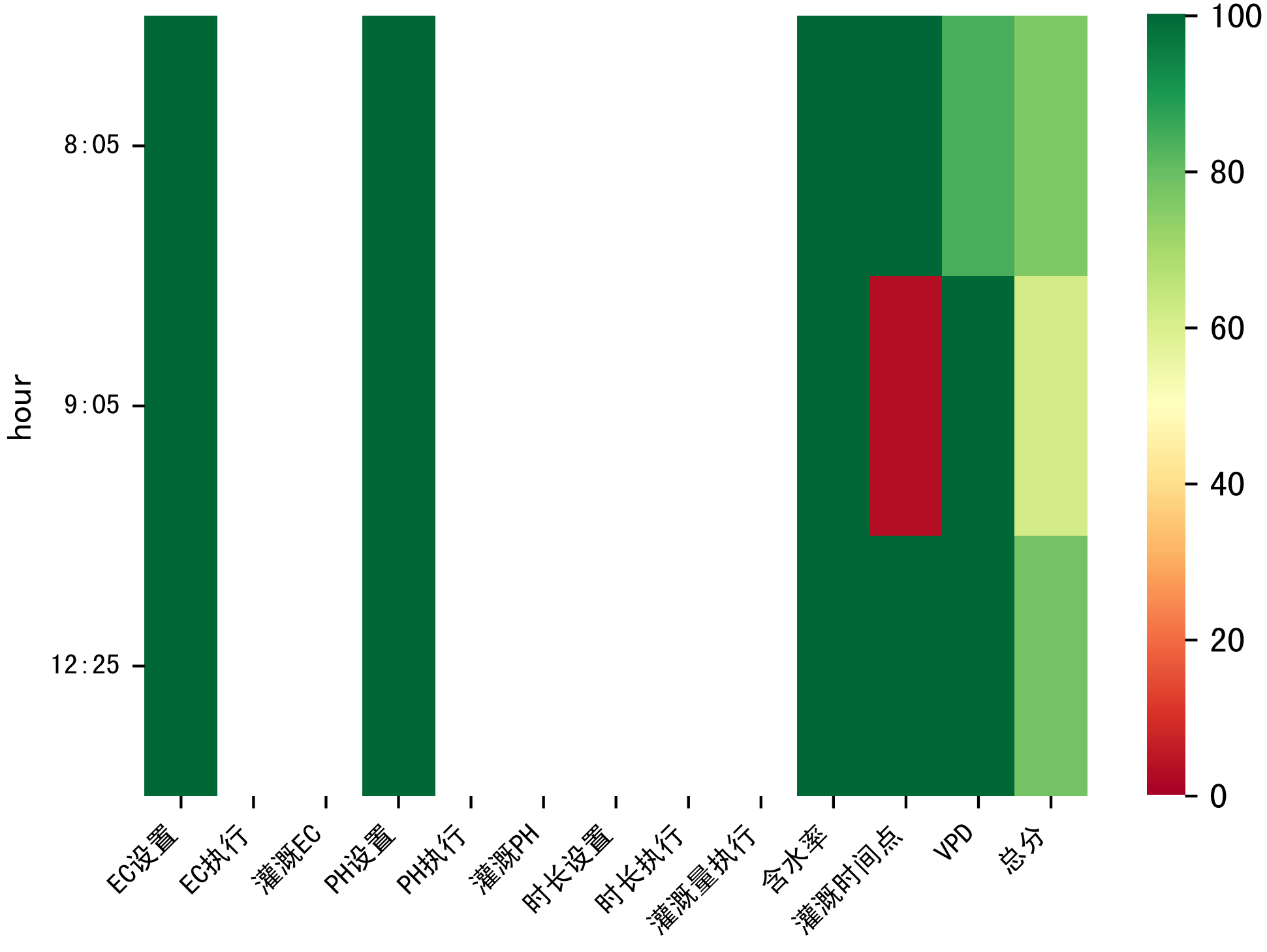

m=660, FV0=0
M_E


m=870, FV0=0
M_E
m


M_W
m


m=660,m FV0=0
M_W
m

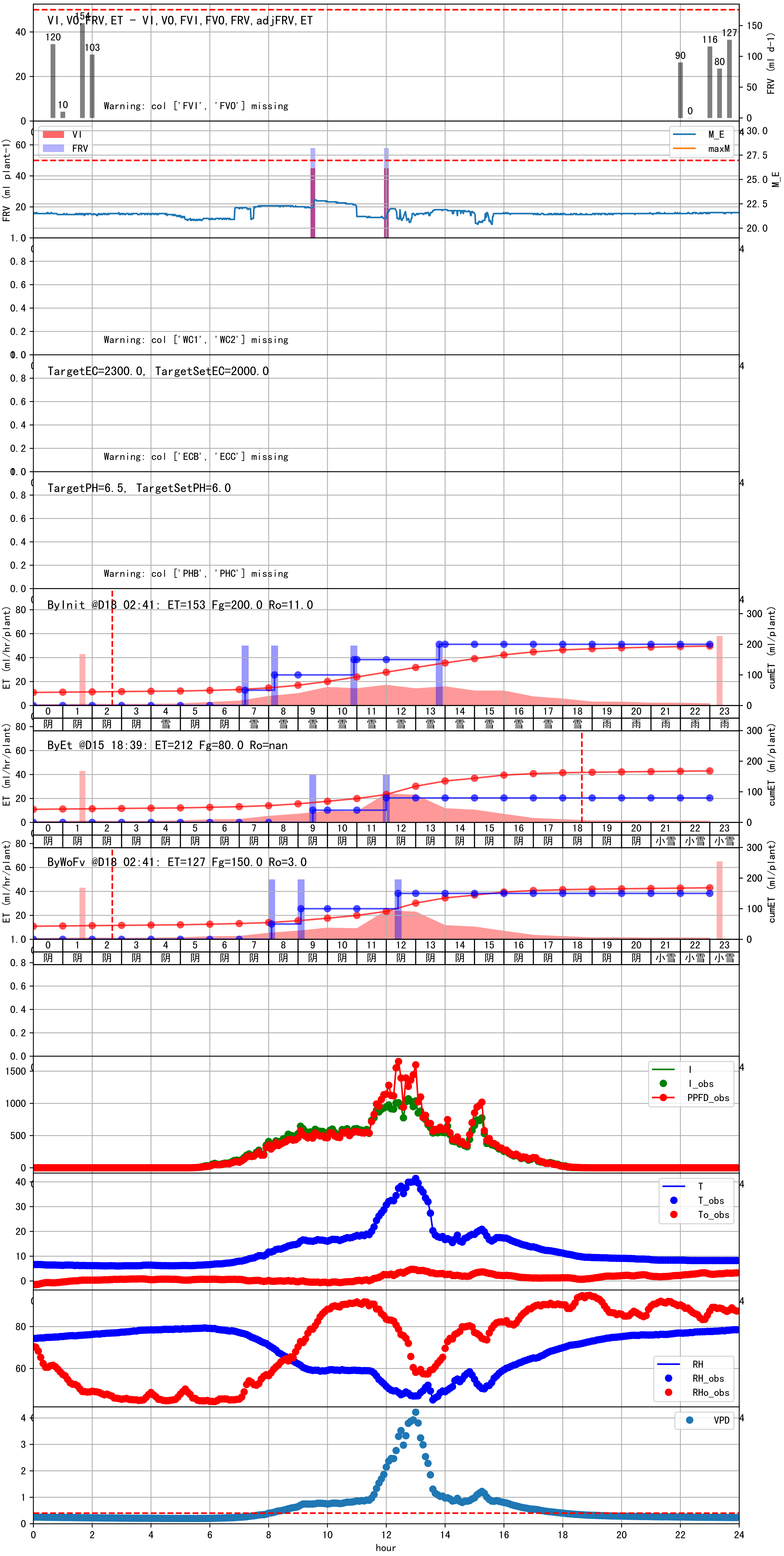

m=870,m FV0=0
M_W
m

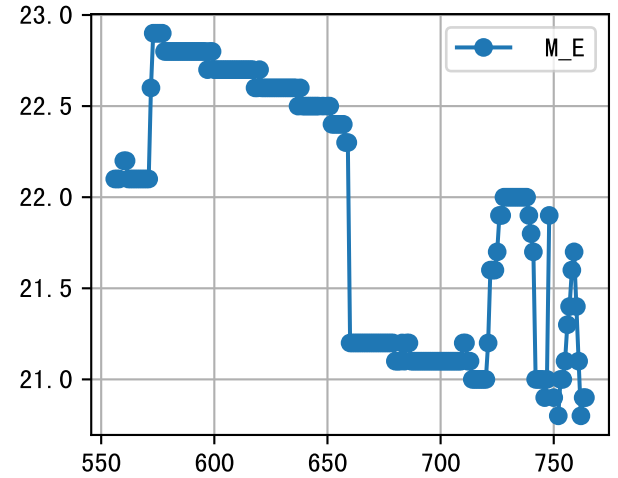

hour
8:05
9:05
12:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

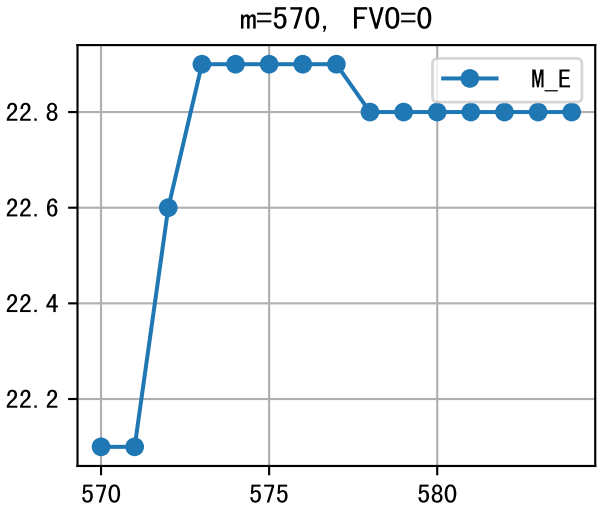
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:05	90	50.0	阴	假设@08:05 手动（未用传感器）
09:05	90	50.0	阴	假设@09:05 手动（未用传感器）
12:25	90	50.0	阴	假设@12:25 手动（未用传感器）
总计	270.0 (3次)	150.0		建议进液EC：2000.0， PH：6.0

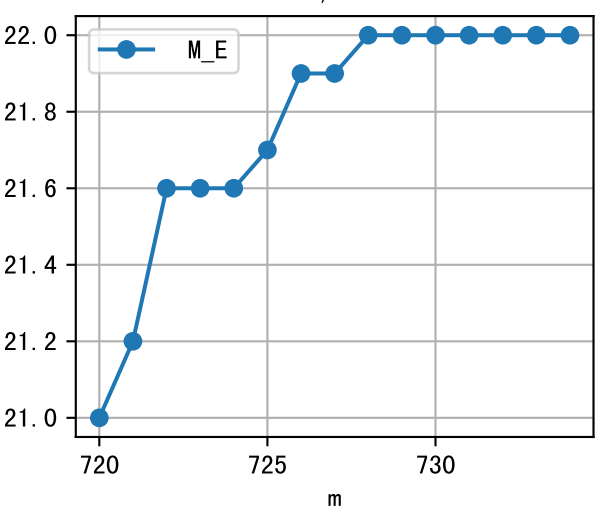
施肥机灌溉量与预期值不符 (58.0 : 40.0)，可能由于一阀多区不均匀
上次灌溉时长(90)与预期(111.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉40.0 ml.
large discrepency for begining water status (43:255.0), set to 85.0 ml.

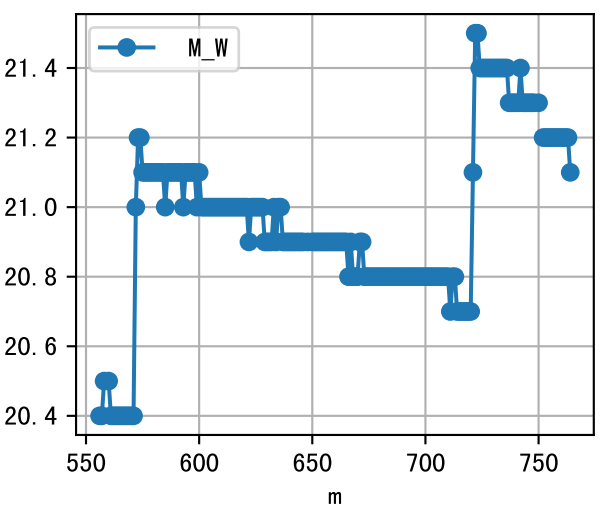
P3-1_0, Day=15 (2025-04-13)

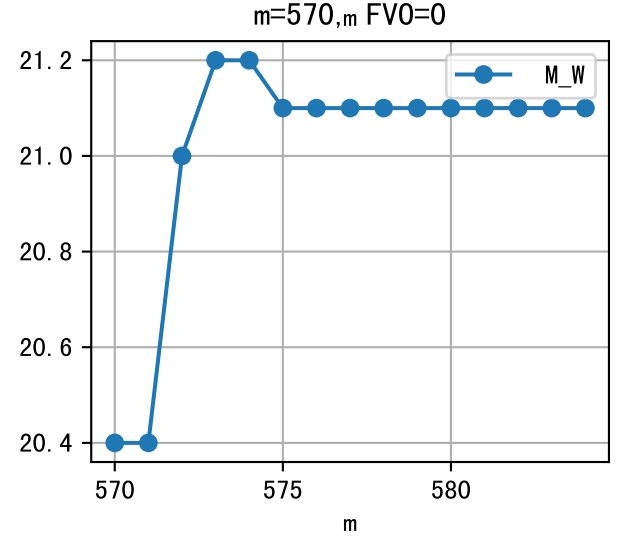


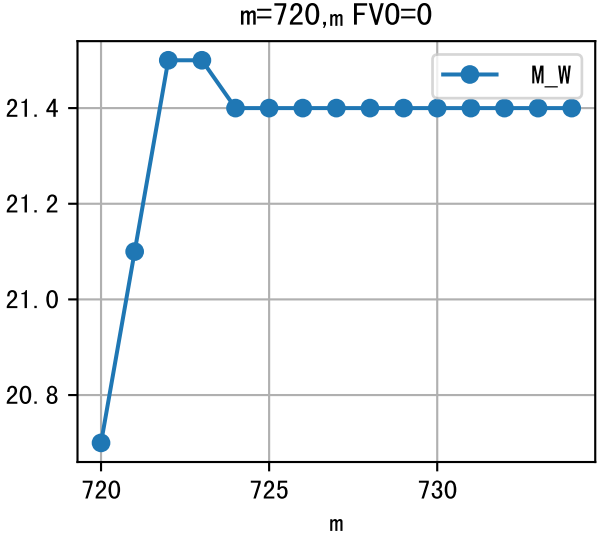

M_E
23.0
22.5
22.0
21.5
21.0
550
600
650
700
750

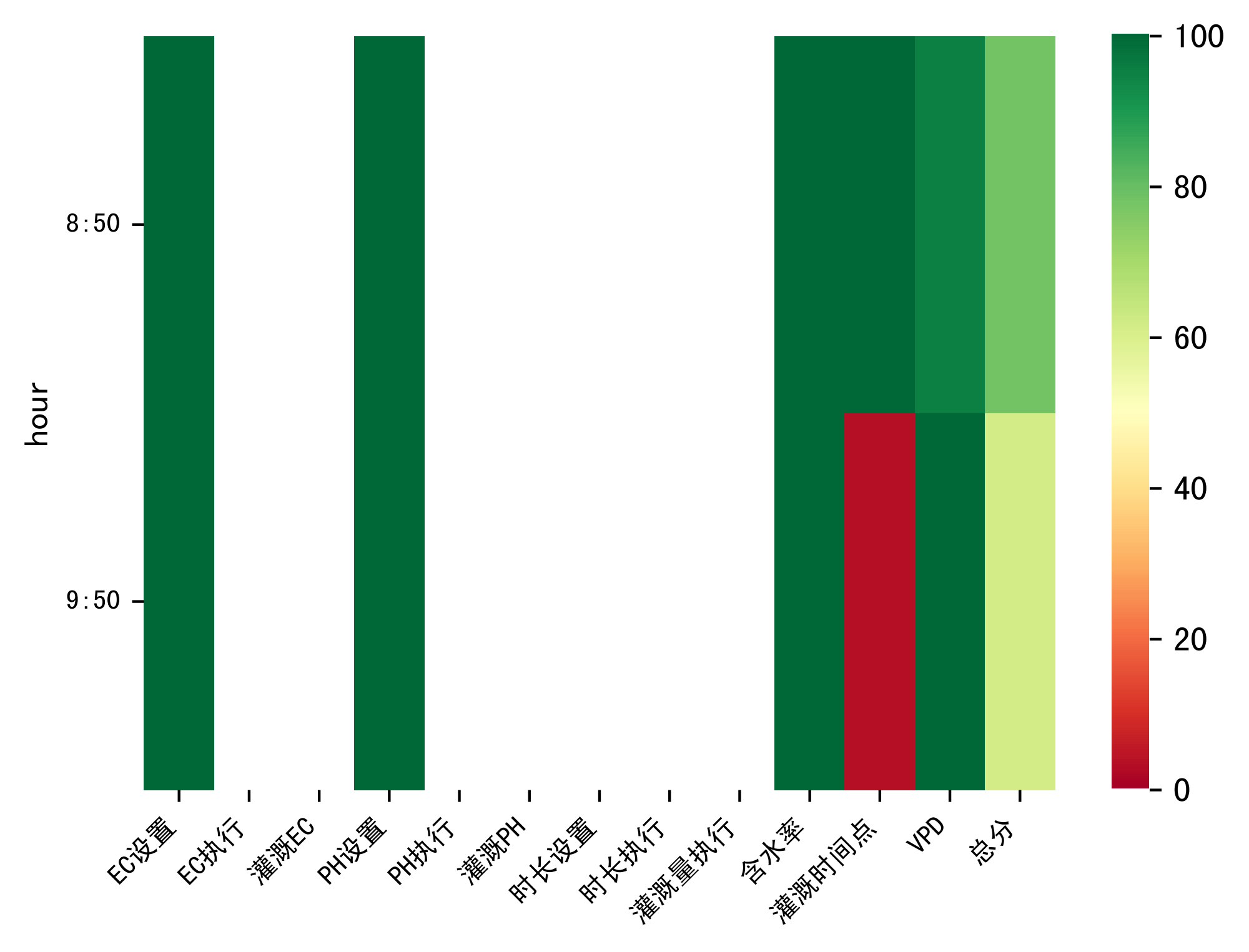

m=570, FV0=0
M_E
22.8
22.6
22.4
22.2
570
575
580


m=720, FV0=0
M_E
22.0
21.8
21.6
21.4
21.2
21.0
720
725
730
m


M_W
21.4
21.2
21.0
20.8
20.6
20.4
550
600
650
700
750
m


m=570,m FV0=0
M_W
21.2
21.0
20.8
20.6
20.4
570
575
580
m

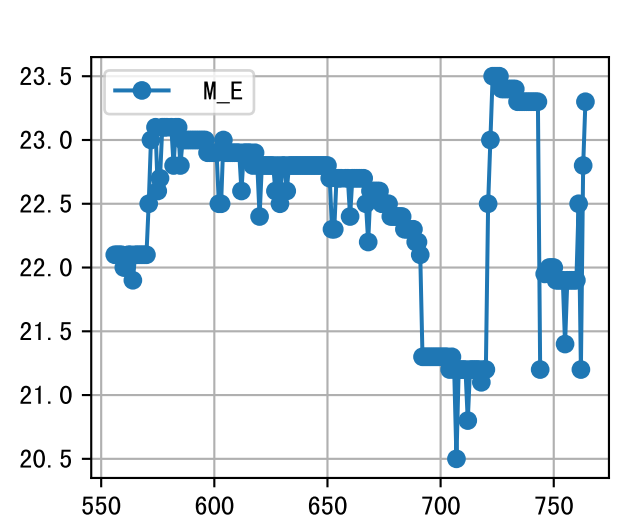

m=720,m FV0=0
M_W
21.4
21.2
21.0
20.8
720
725
730
m

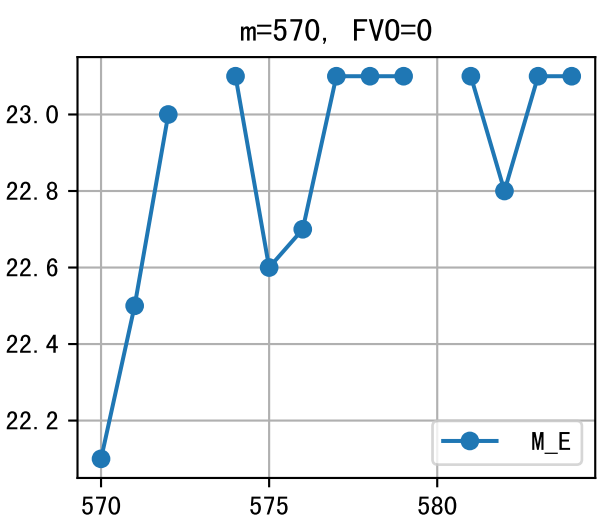

hour
8:50
9:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

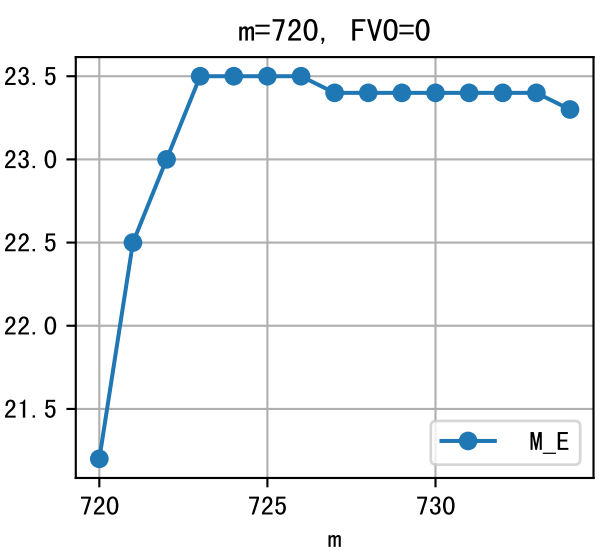
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
08:50	120	50.0	阴	假设@08:50 手动（未用传感器）
09:50	120	50.0	阴	假设@09:50 手动（未用传感器）
总计	240.0 (2次)	100.0		建议进液EC：2000.0， PH：5.8

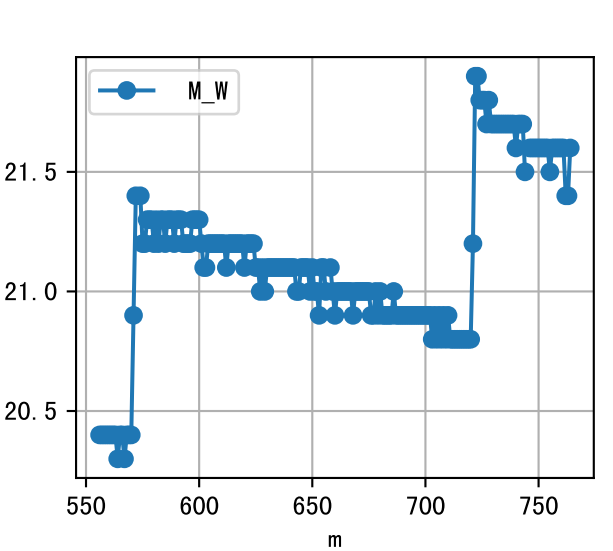
施肥机灌溉量与预期值不符 (77.0 : 52.0)，可能由于一阀多区不均匀
默认实际灌溉52.0 ml.

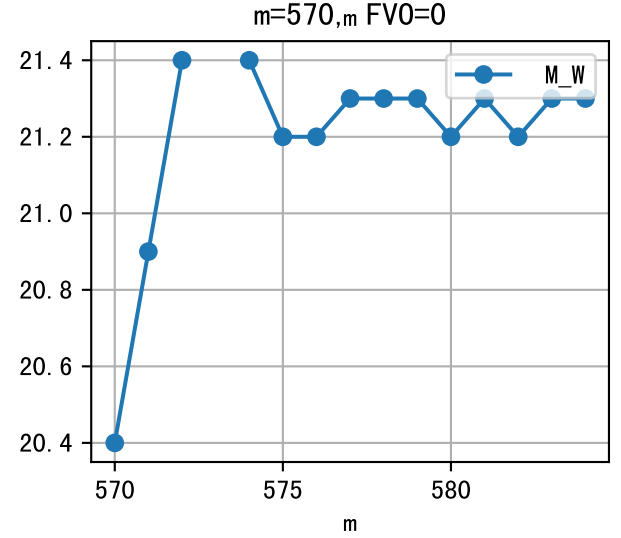
P3-1_0, Day=14 (2025-04-12)

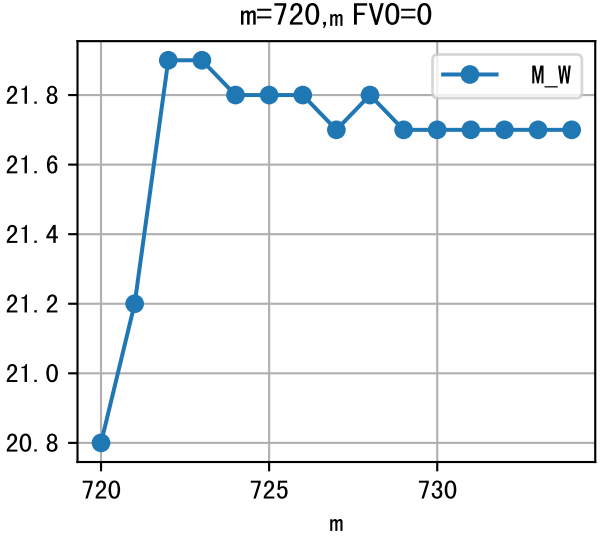

M_E


m=570, FV0=0
M_E


m=720, FV0=0
M_E
m


M_W
m


m=570,m FV0=0
M_W
m


m=720,m FV0=0
M_W
m