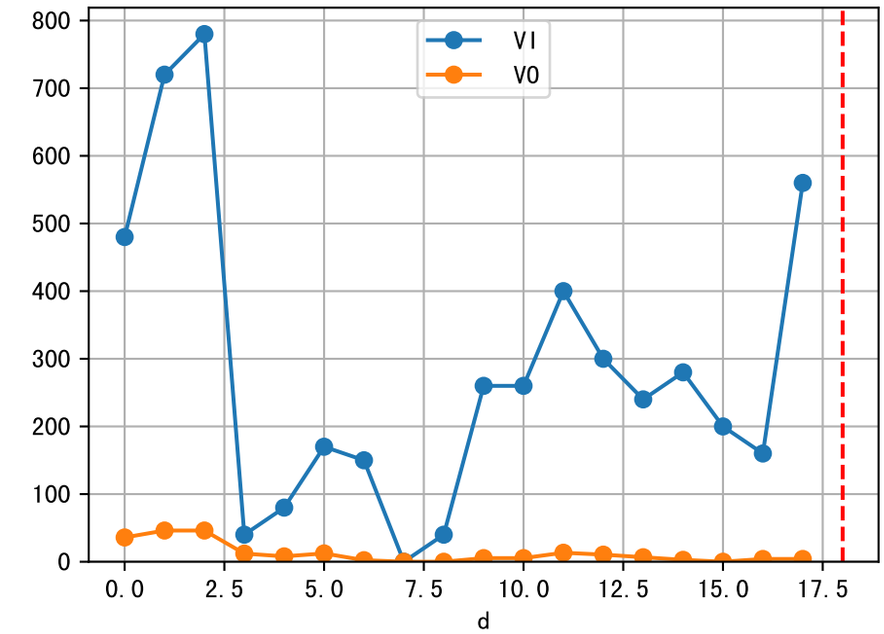
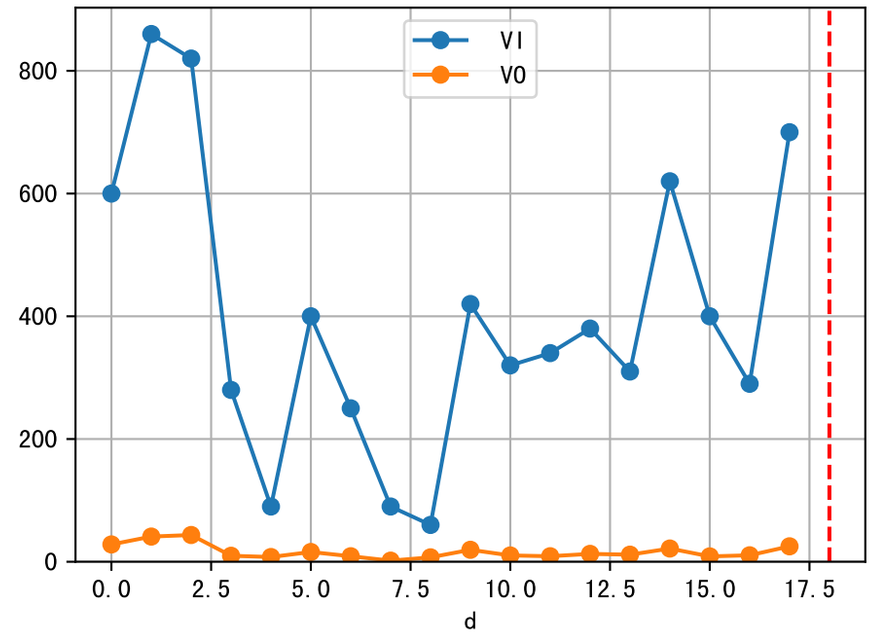
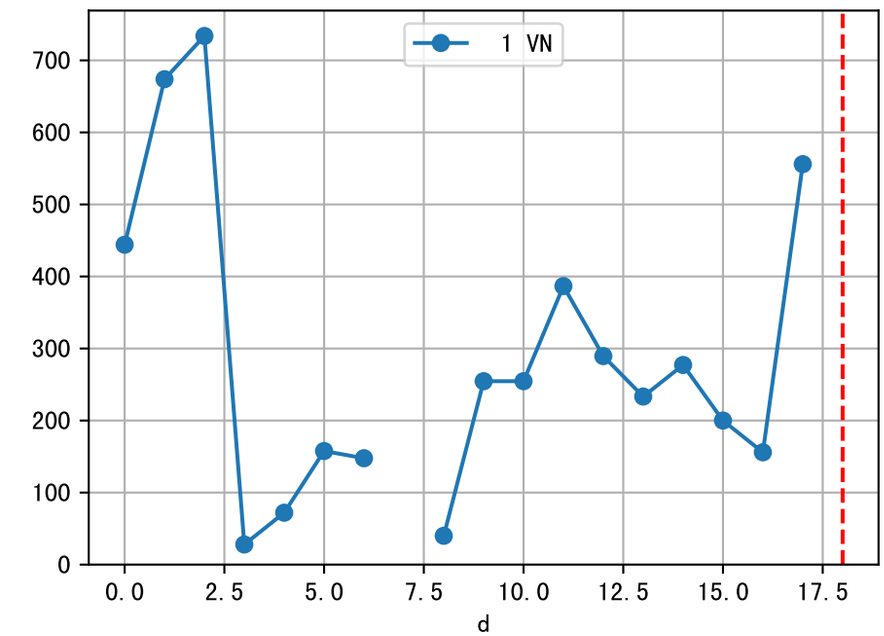
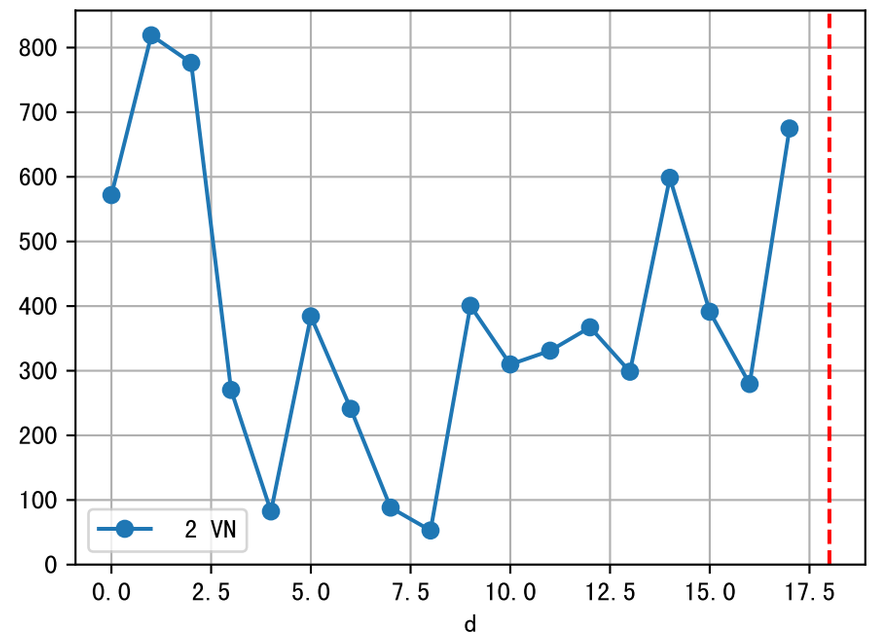
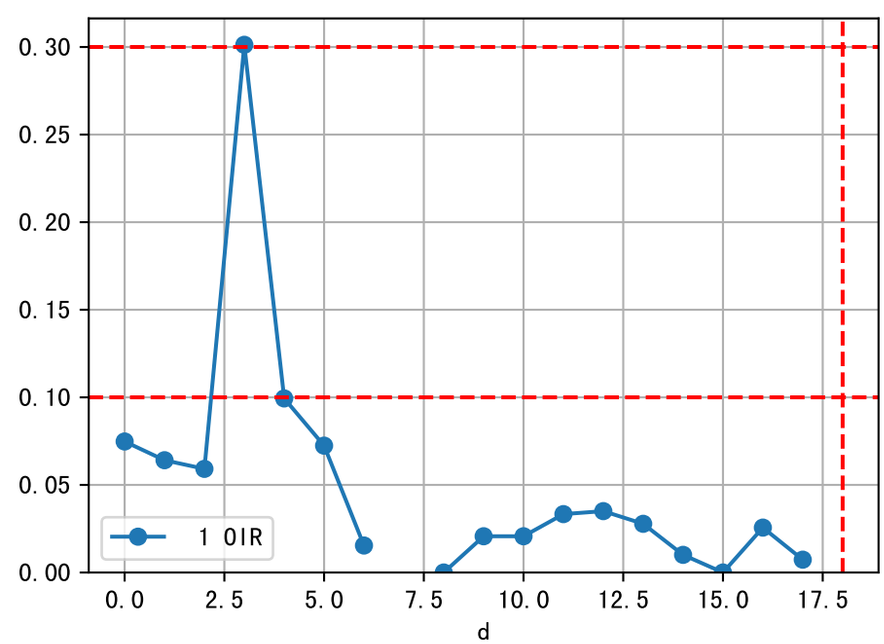
FgArea: ['W']
NC11 P6
2025-04-23 (Day 18)

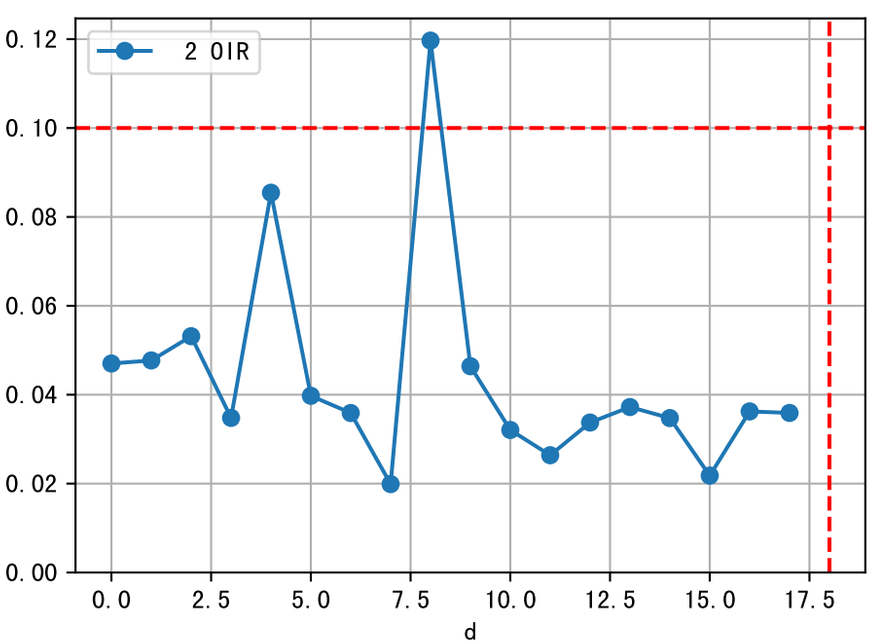

VI
VO
d

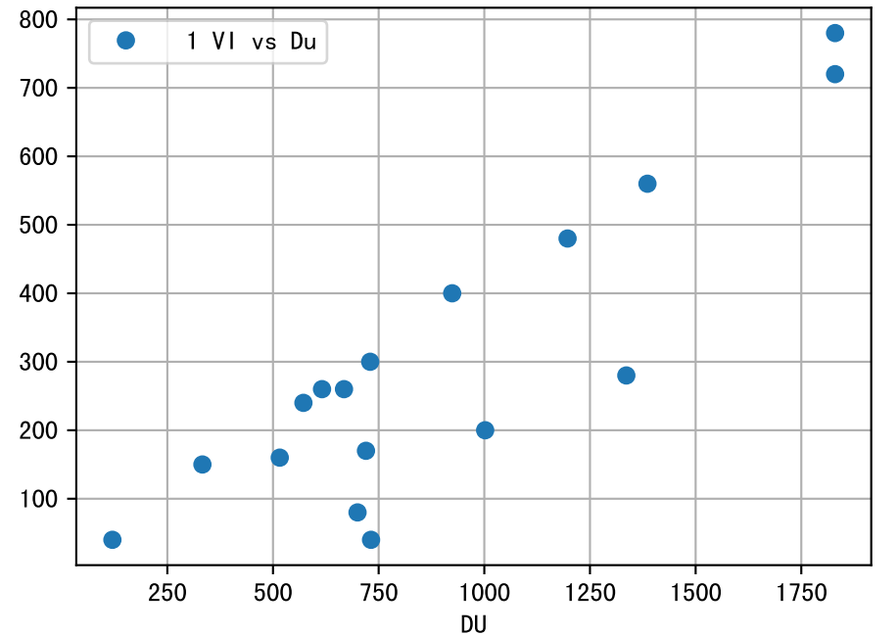

VI
VO
d

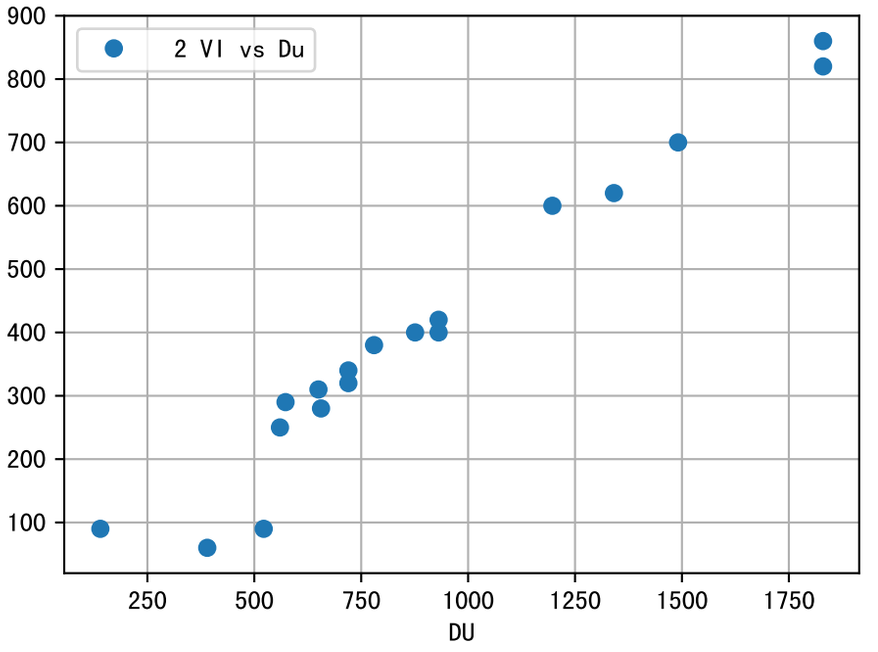

1 VN
d

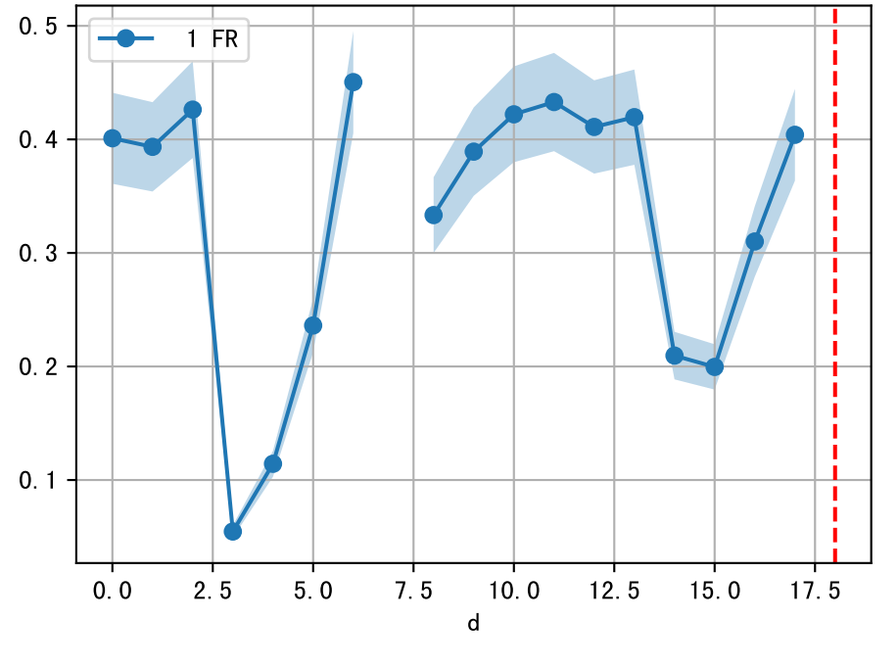

2 VN
d

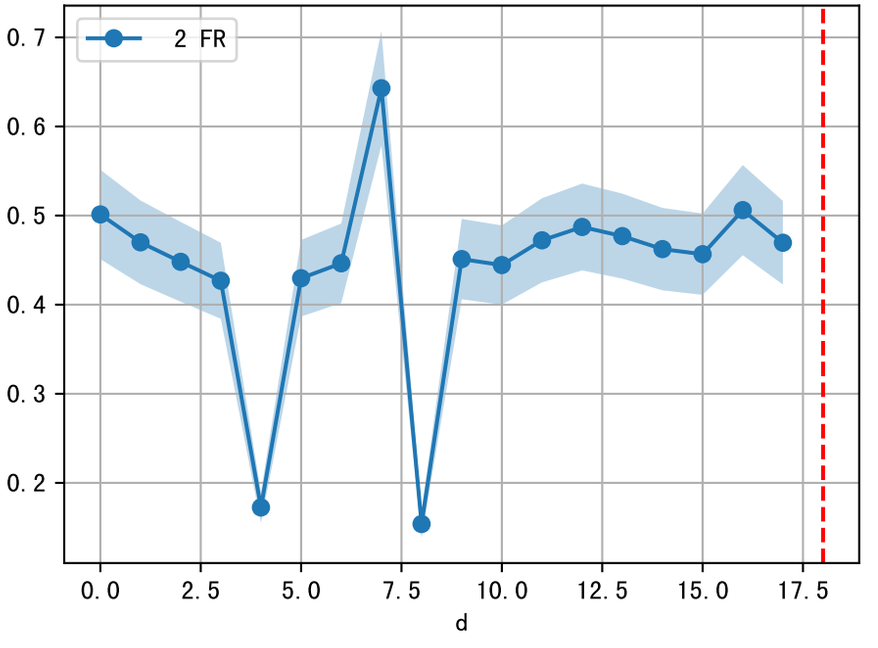

1 OIR
d

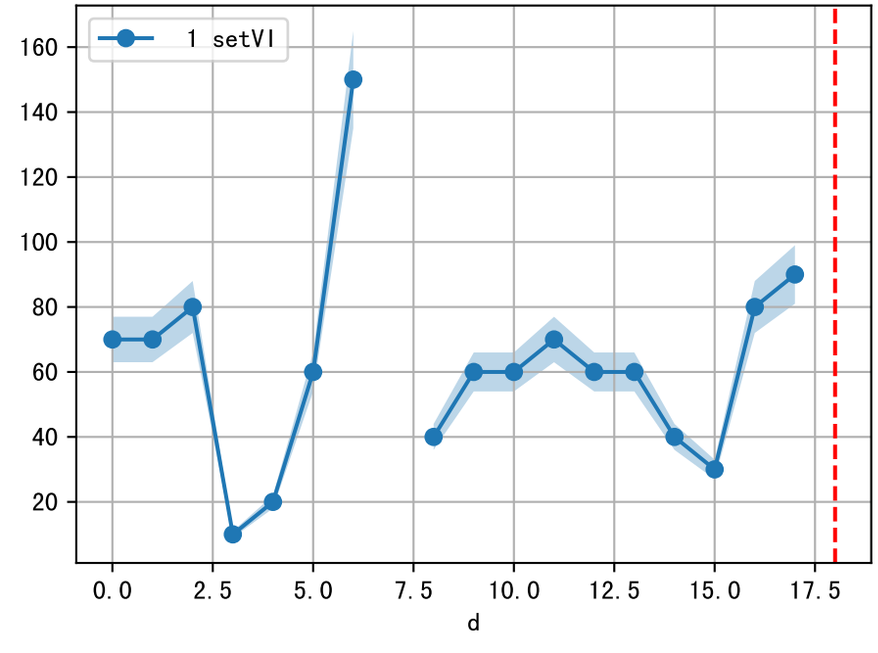

2 OIR
d

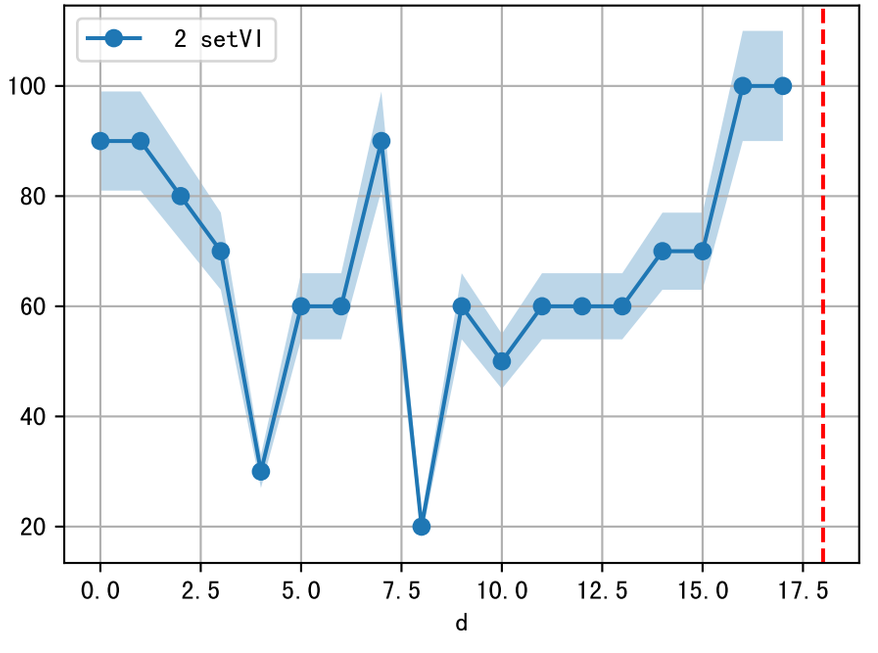

1 VI vs Du
DU

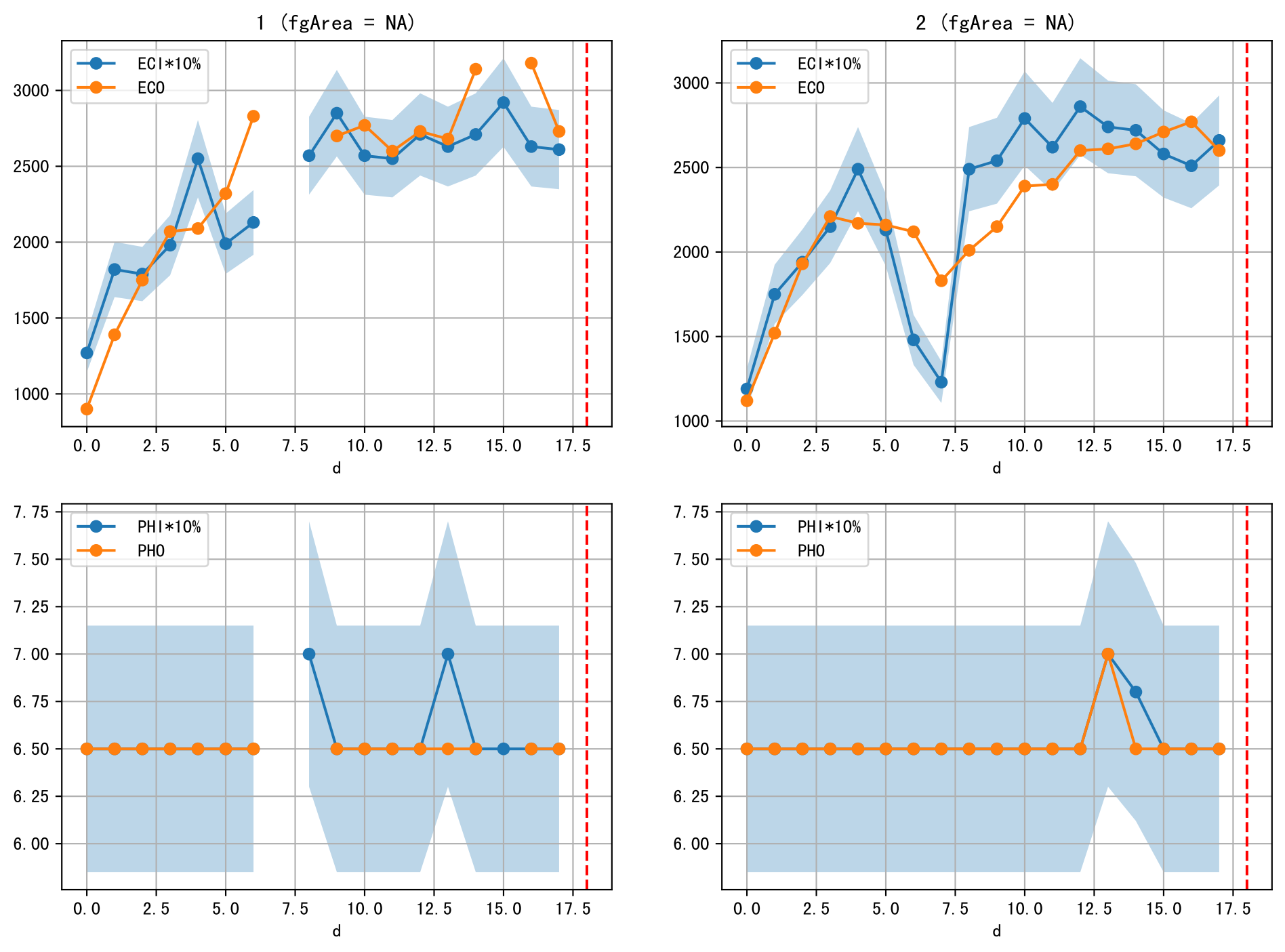

2 VI vs Du
DU

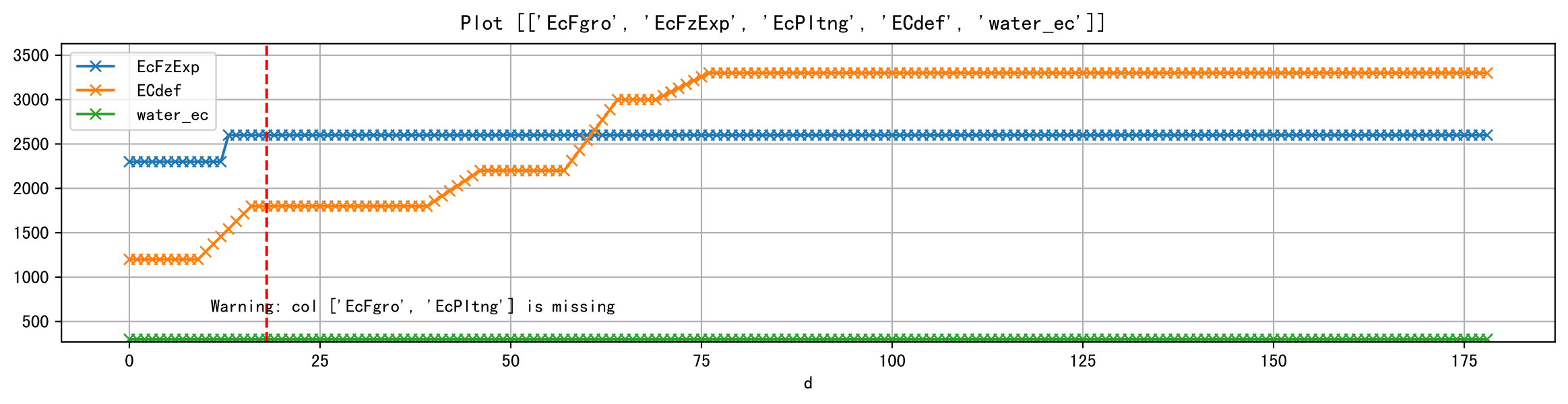

1 FR
d

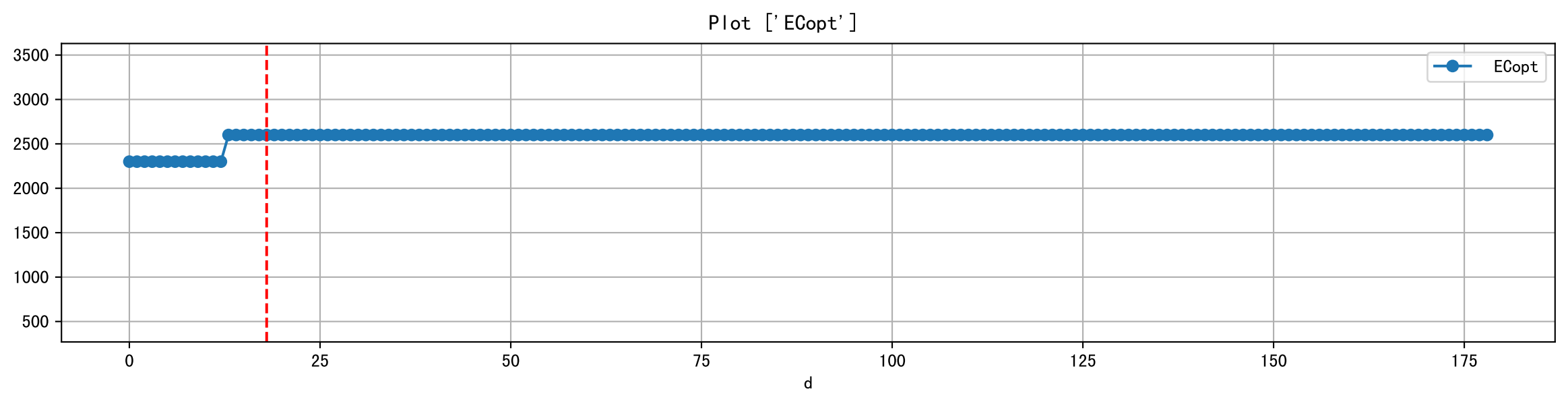

2 FR
d


1 setVI
d


2 setVI
d

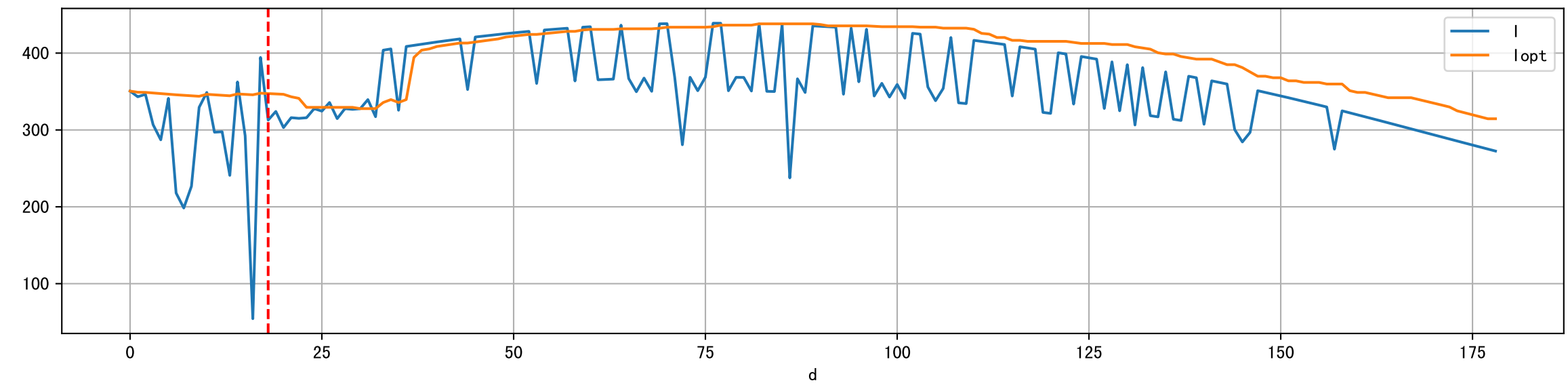

1 (fgArea = NA)
2 (fgArea = NA)
ECI*10%
ECO
PHI*10%
PHO
d

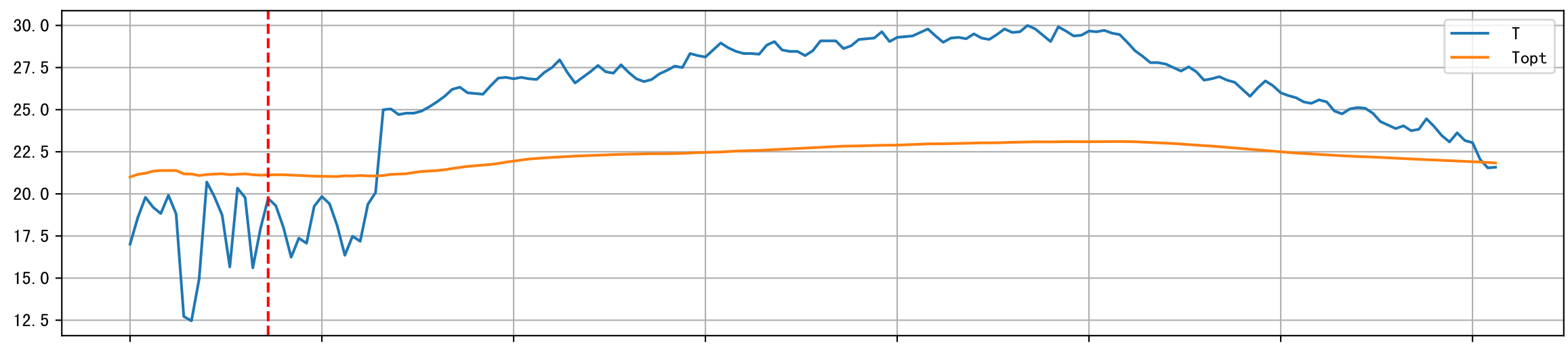

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

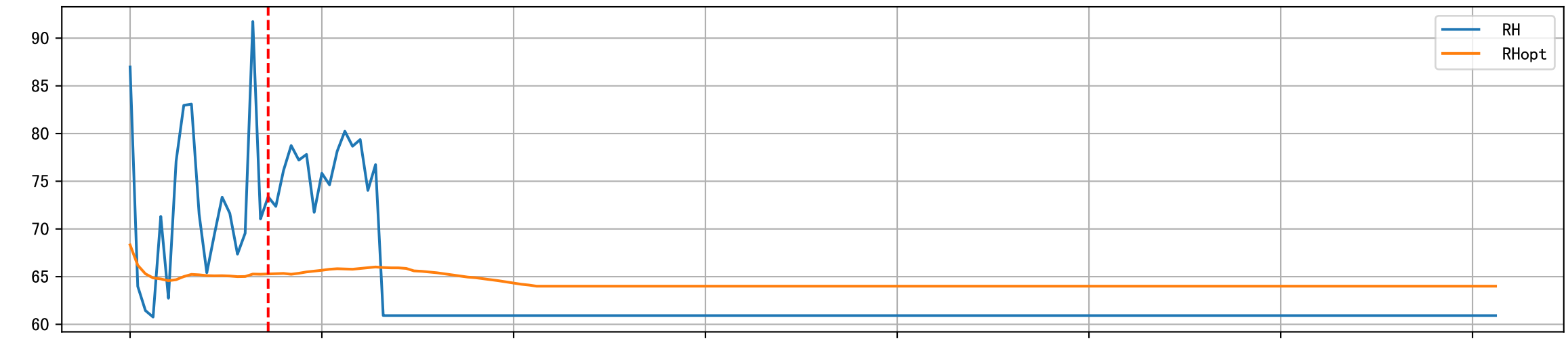

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

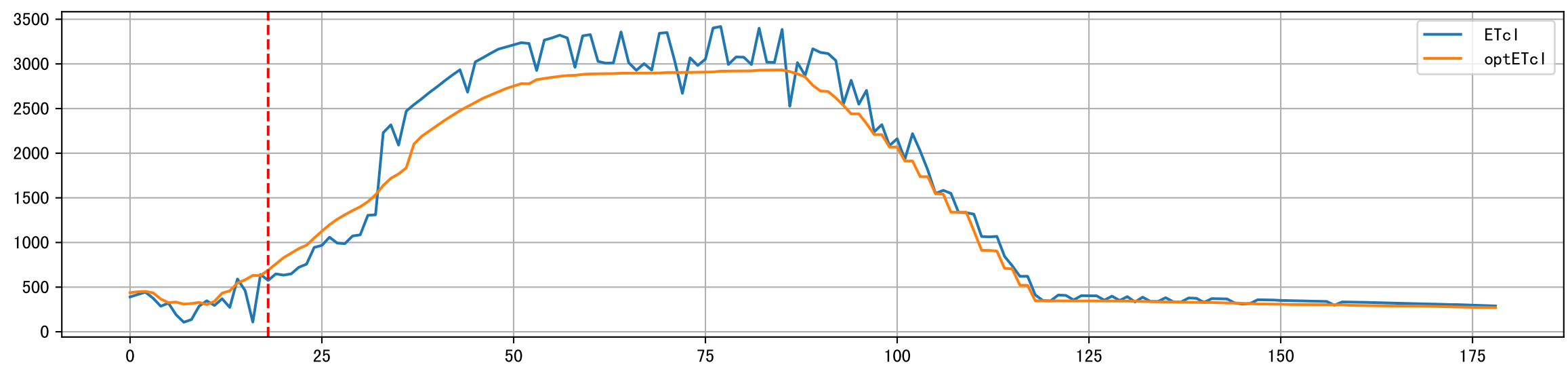
Plot Sensor and FgRec Data

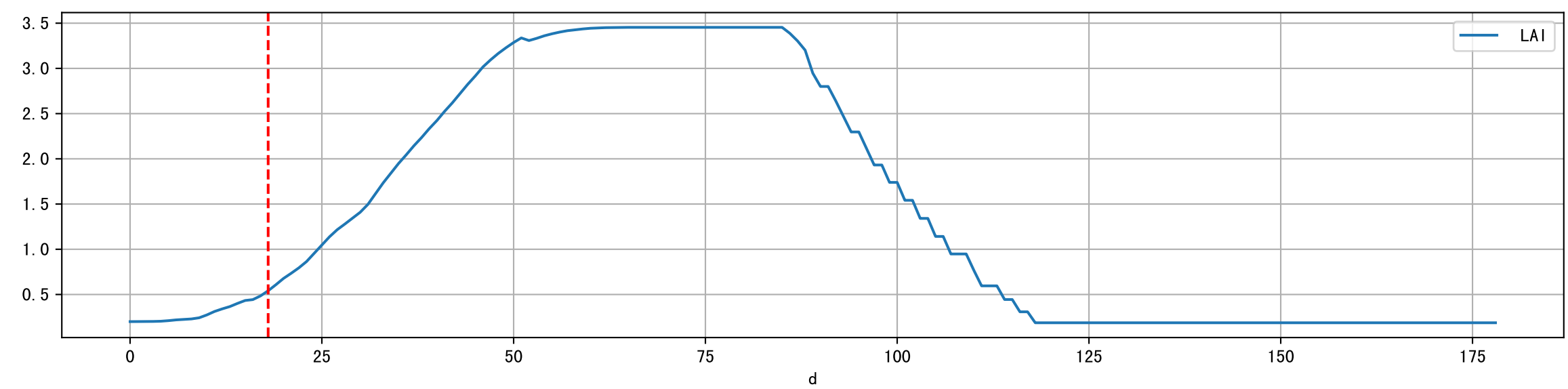
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

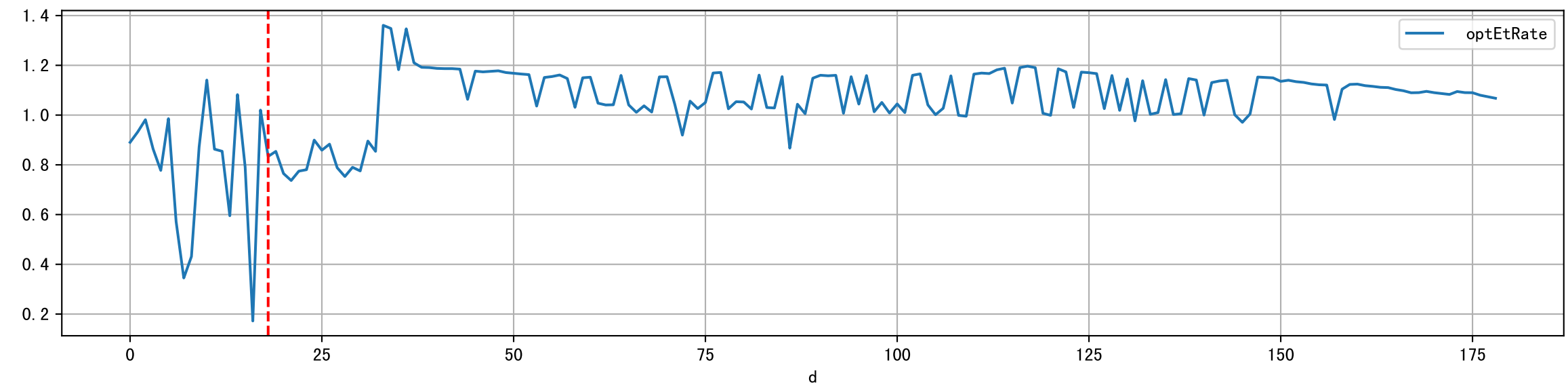


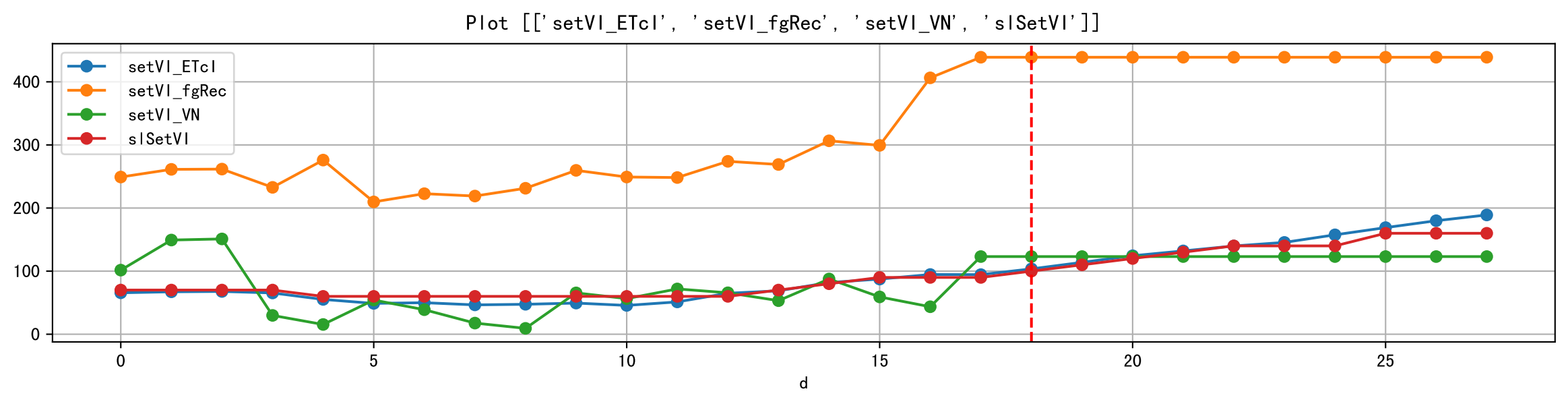


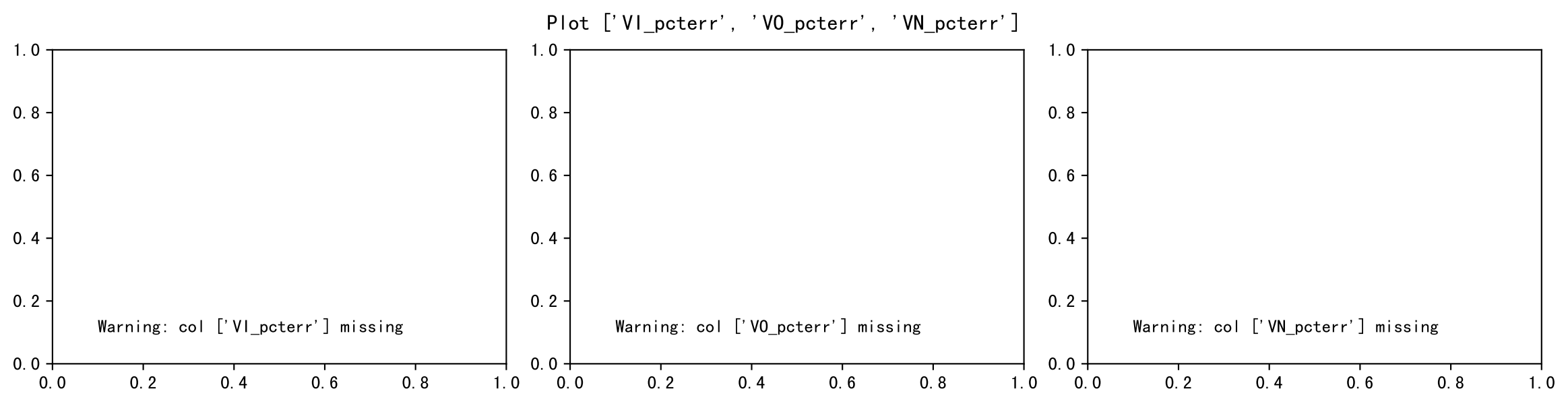


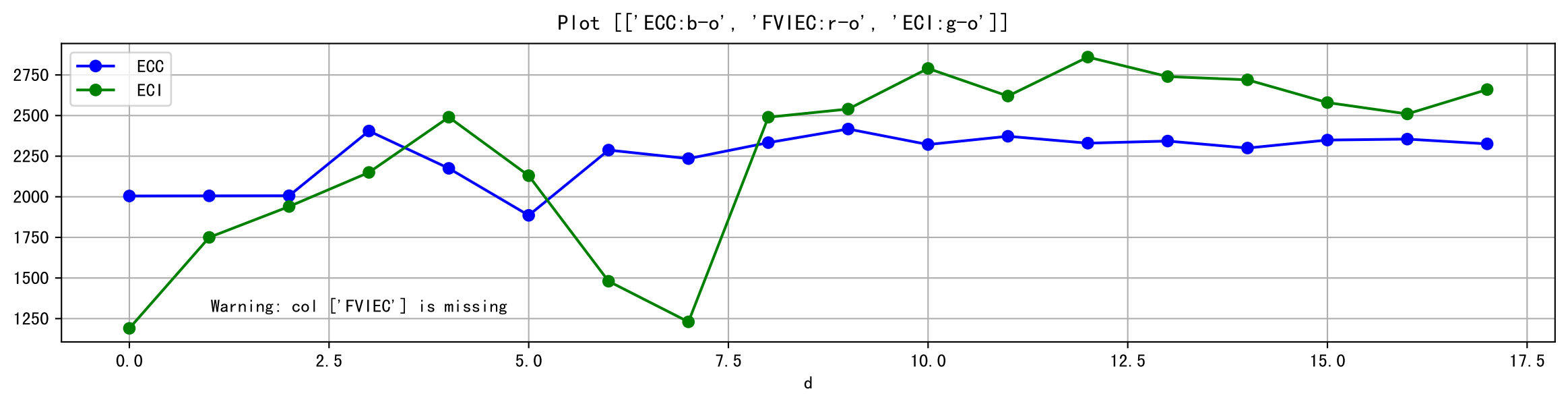


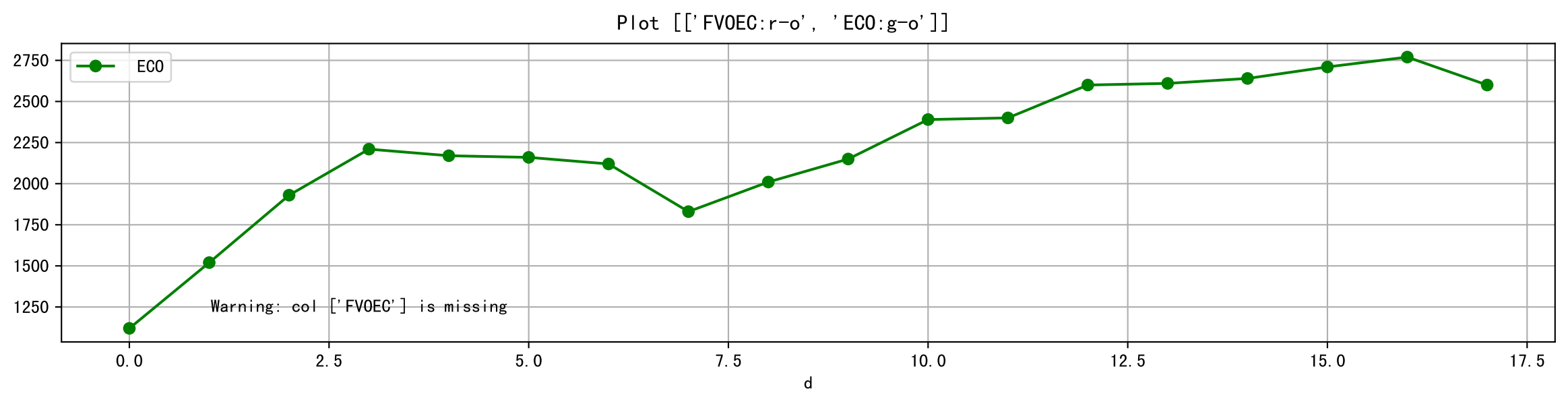


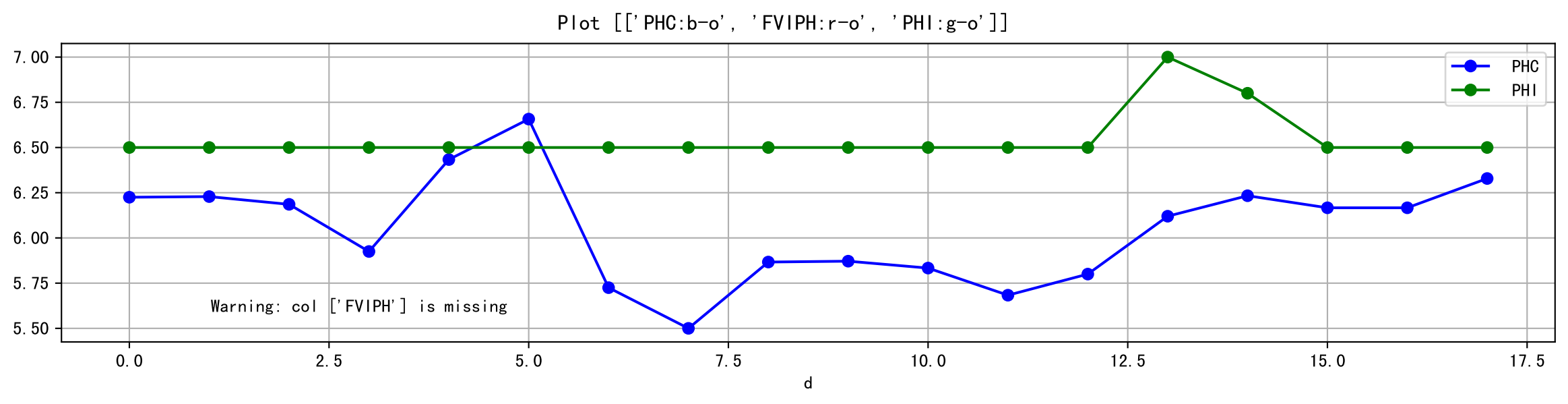


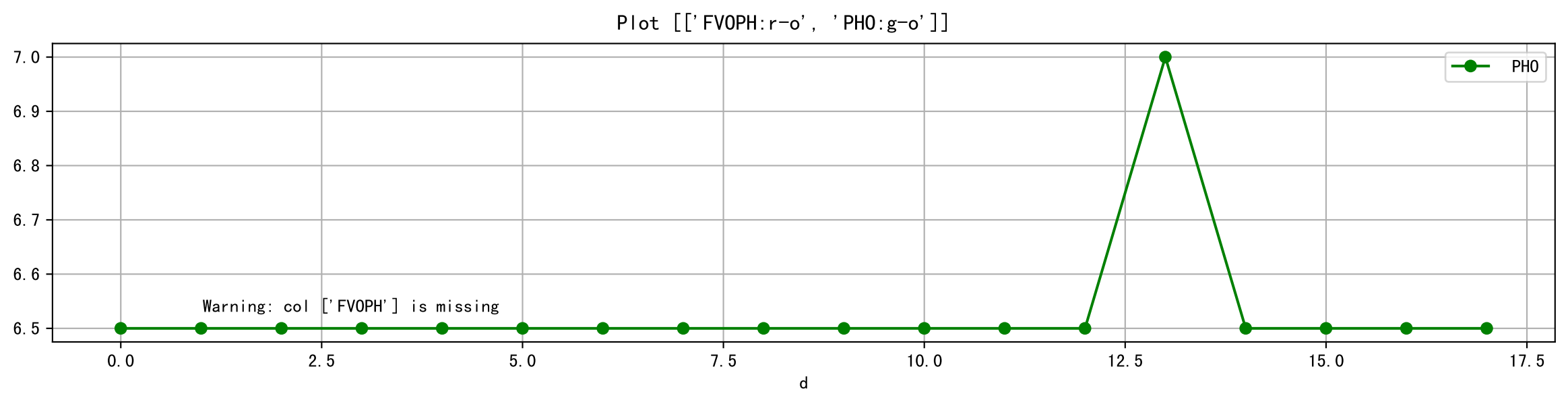

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
400
300
200
100
0
0
5
10
15
20
25
d

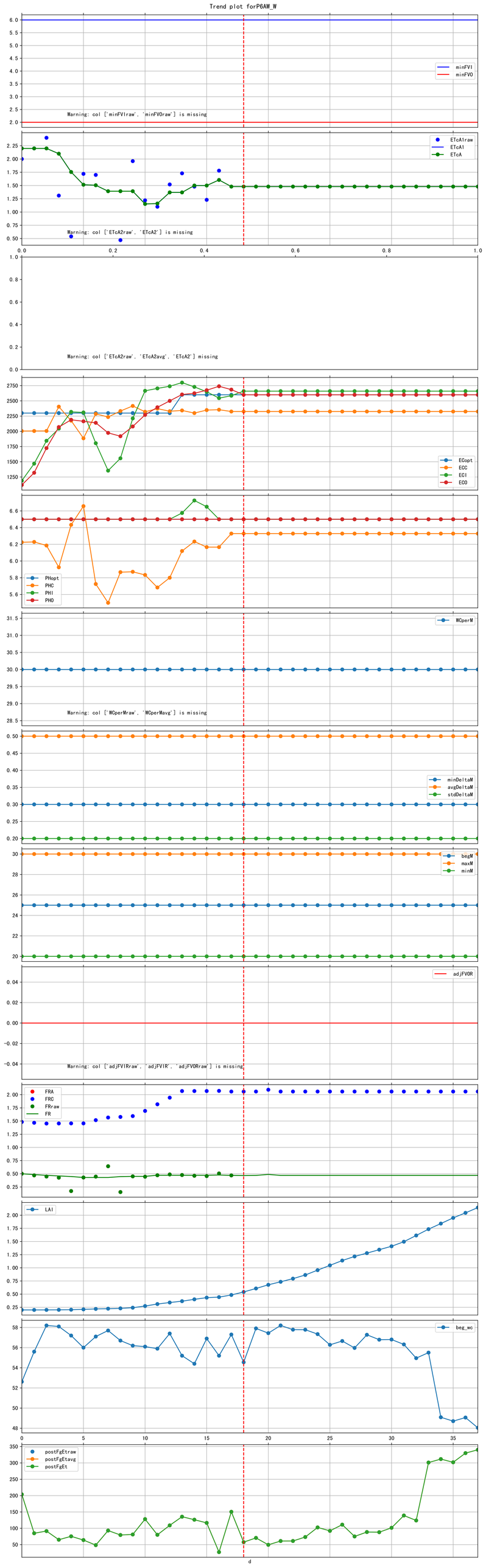

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

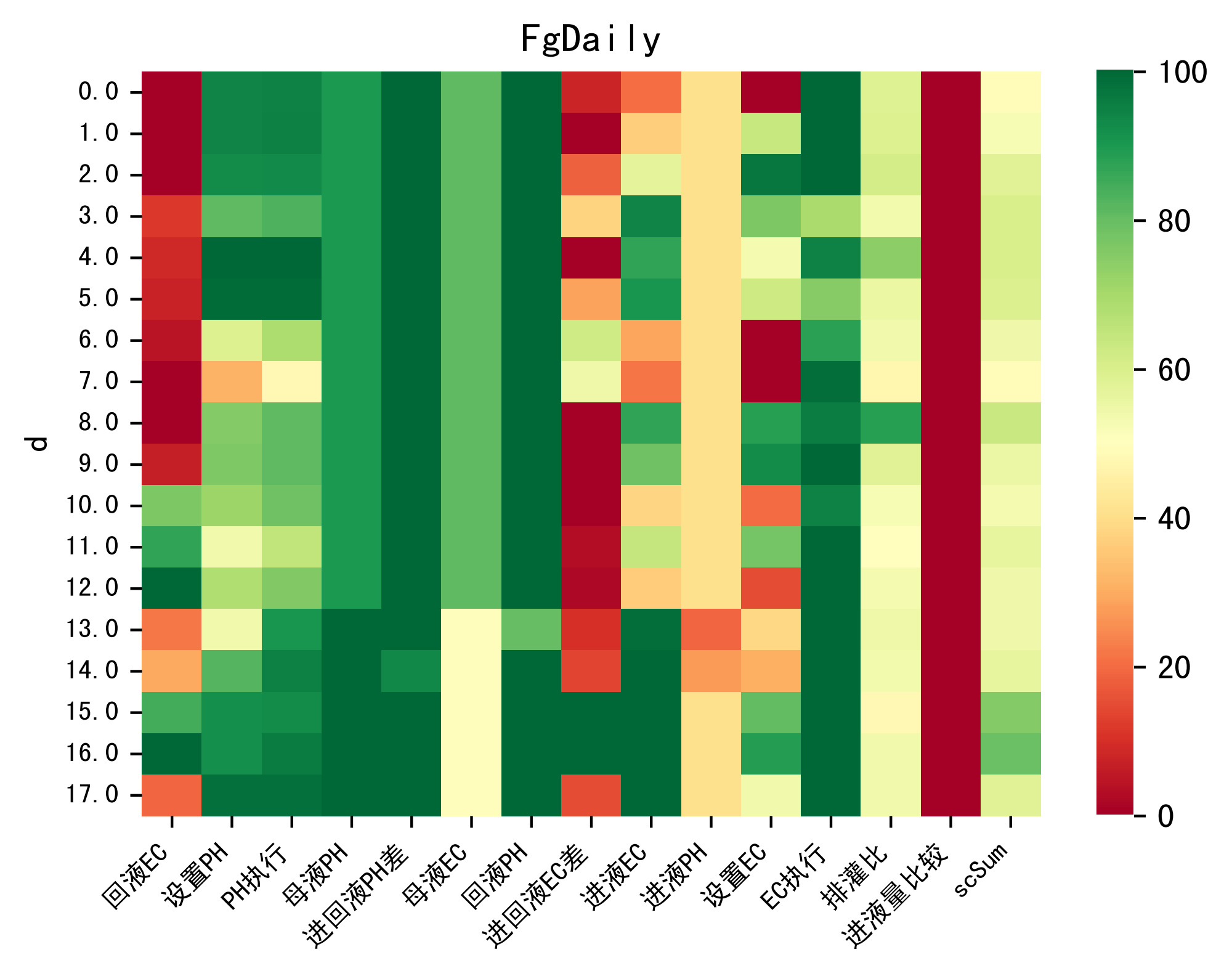

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2750
2500
2250
2000
1750
1500
1250
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
2750
2500
2250
2000
1750
1500
1250
Warning: col ['FVOEC'] is missing
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

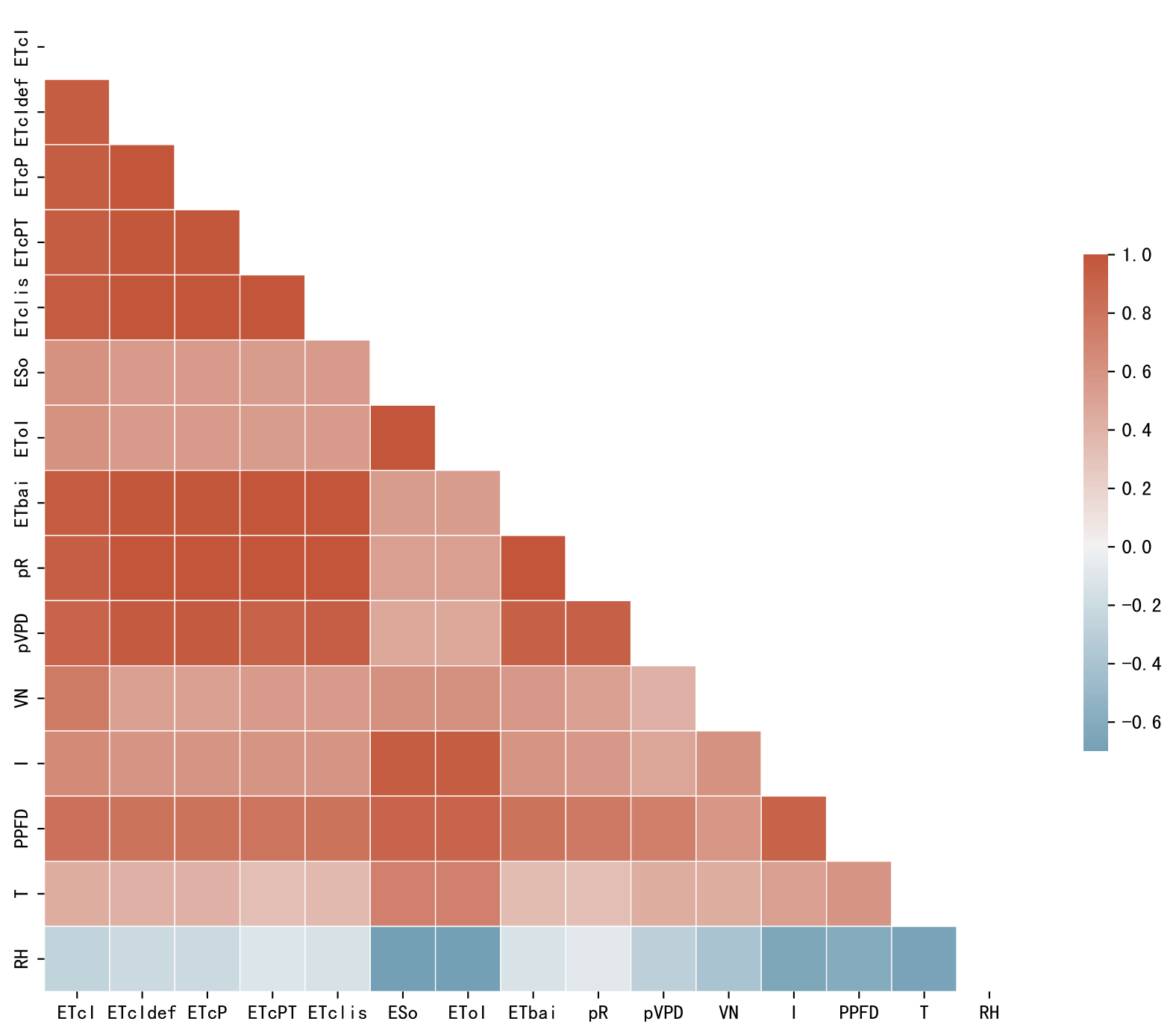

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.00
6.75
6.50
6.25
6.00
5.75
5.50
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d
PHC
PHI
Warning: col ['FVIPH'] is missing

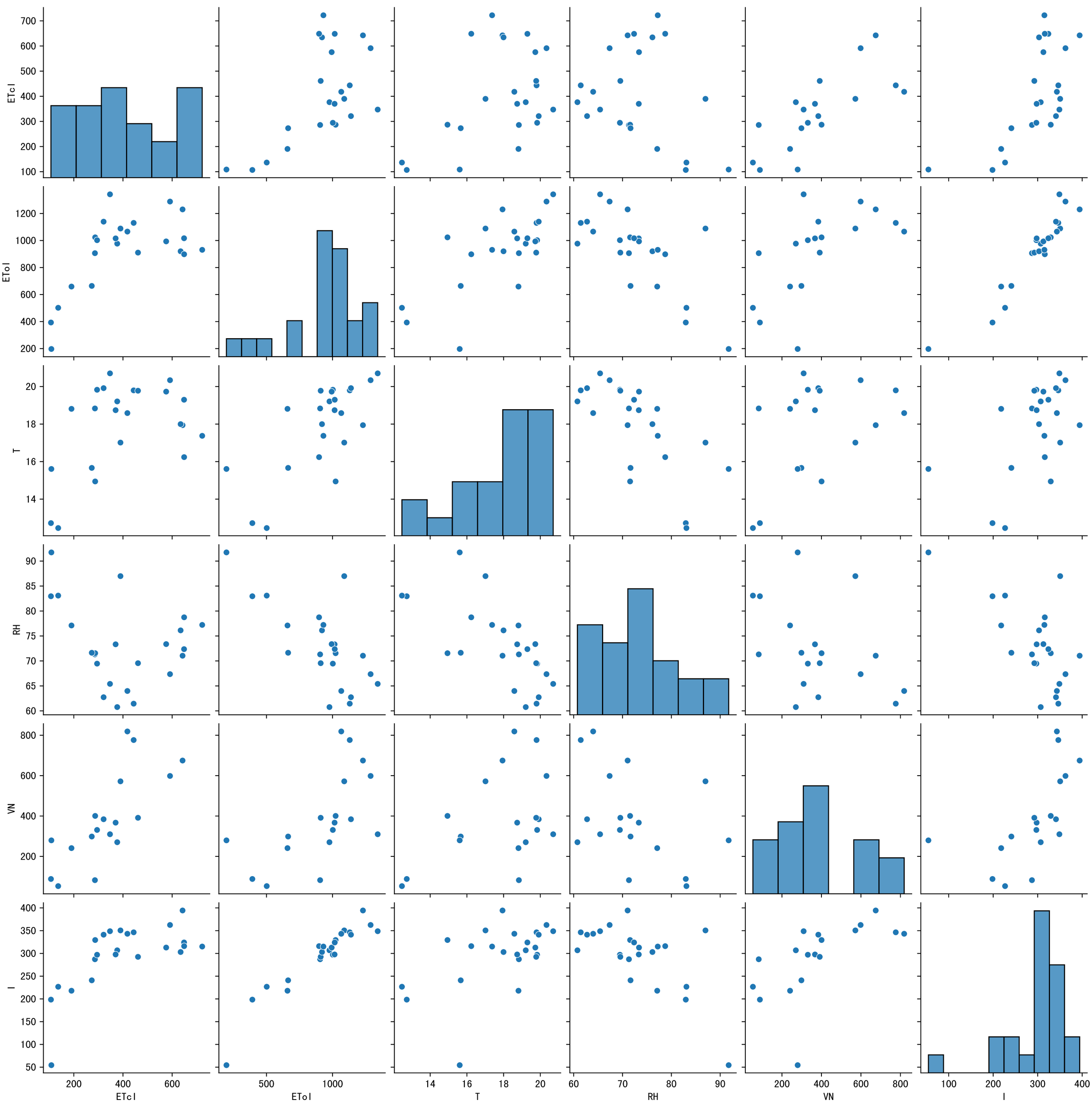

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

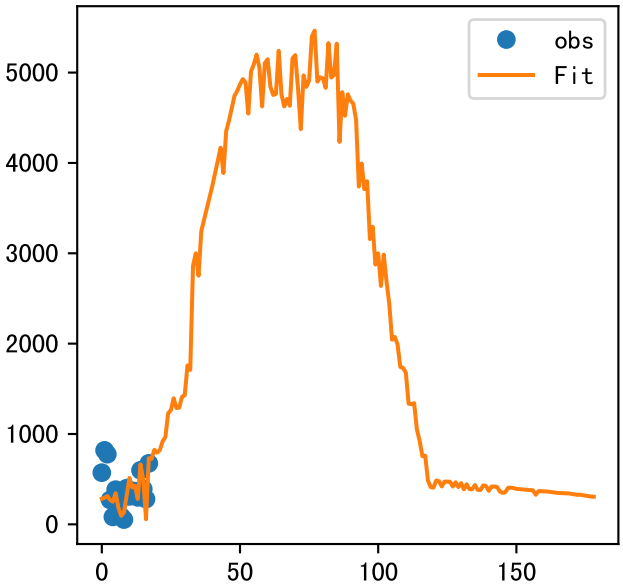

Trend plot forP6AW_W
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

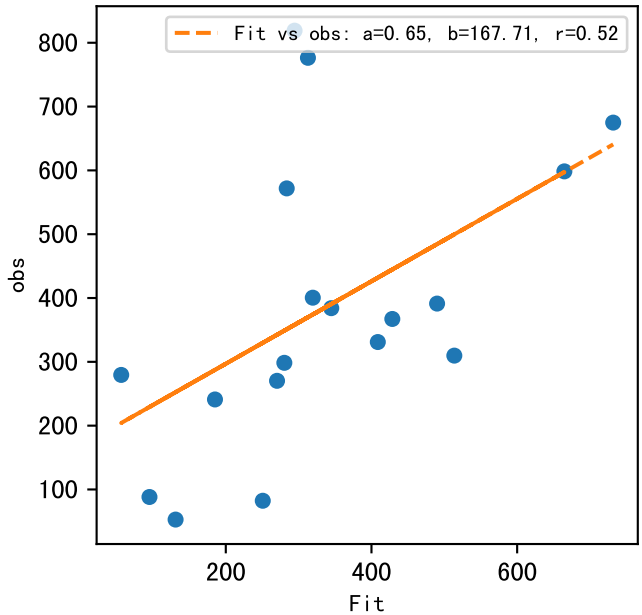

FgDaily
d
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
17.0
回液EC
设置PH
PH执行
母液PH
进回液PH差
母液EC
回液PH
进回液EC差
进液EC
进液PH
设置EC
EC执行
排灌比
进液量比较
scSum
100
80
60
40
20
0

P6AW_W
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

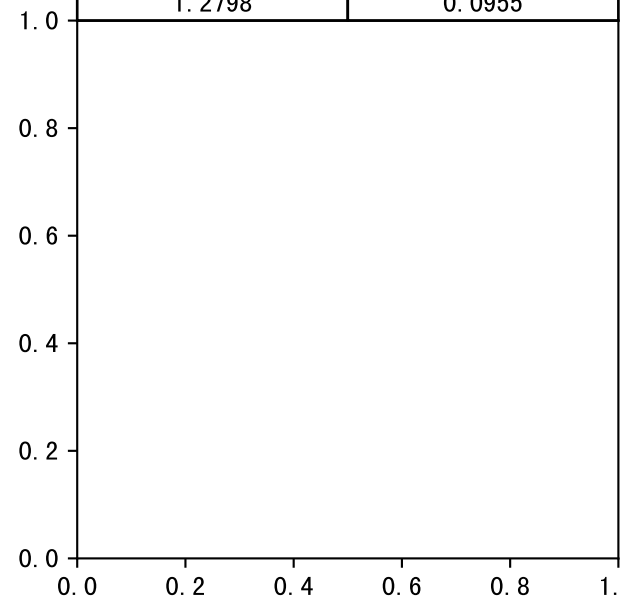

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

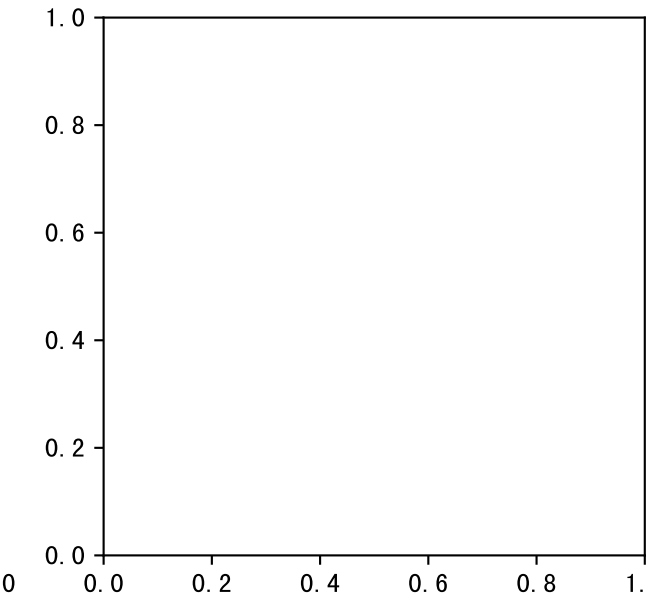

ETcl
ETol
T
RH
VN
I

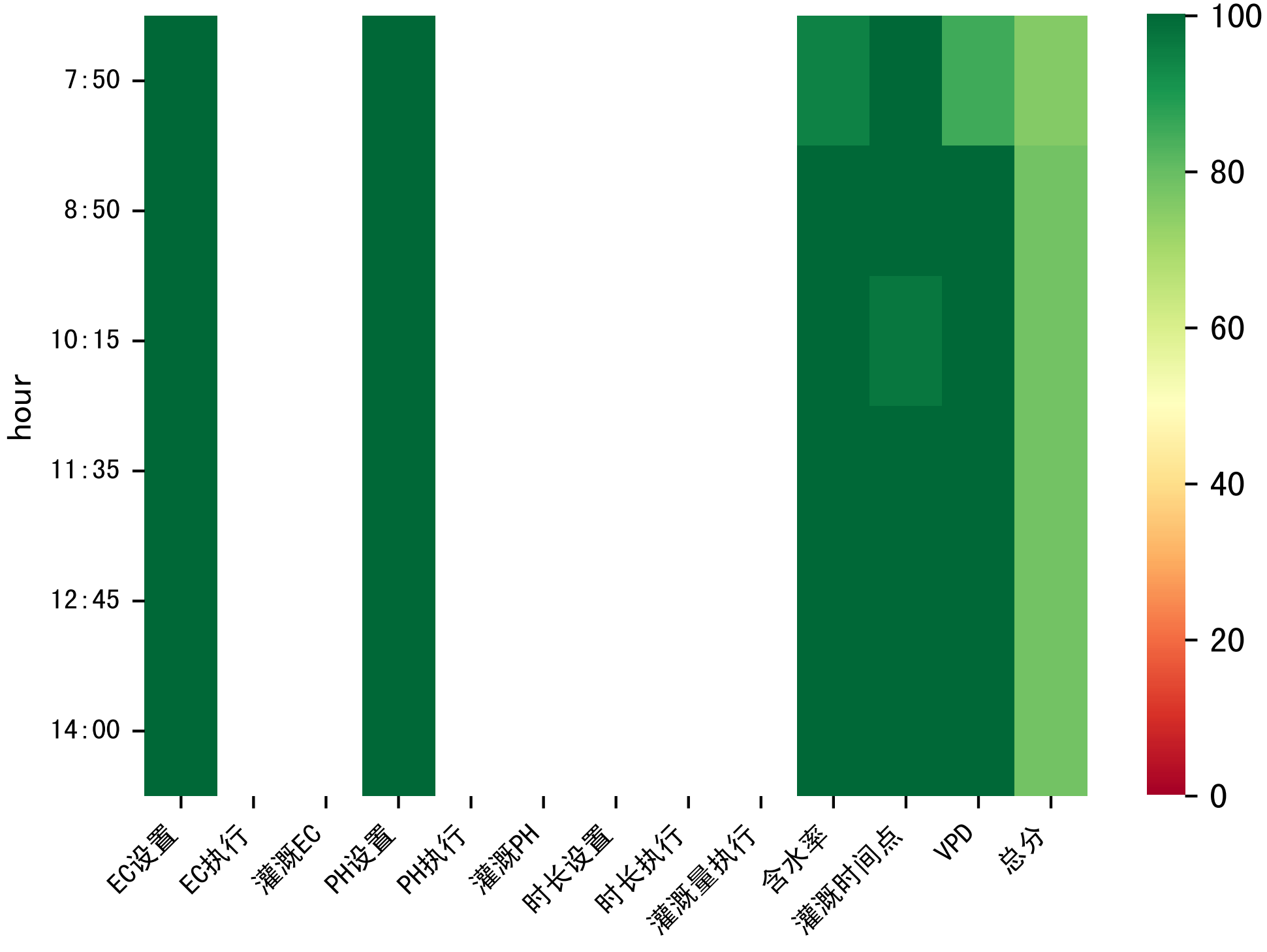




baiA	baiB
1.2798	0.0955



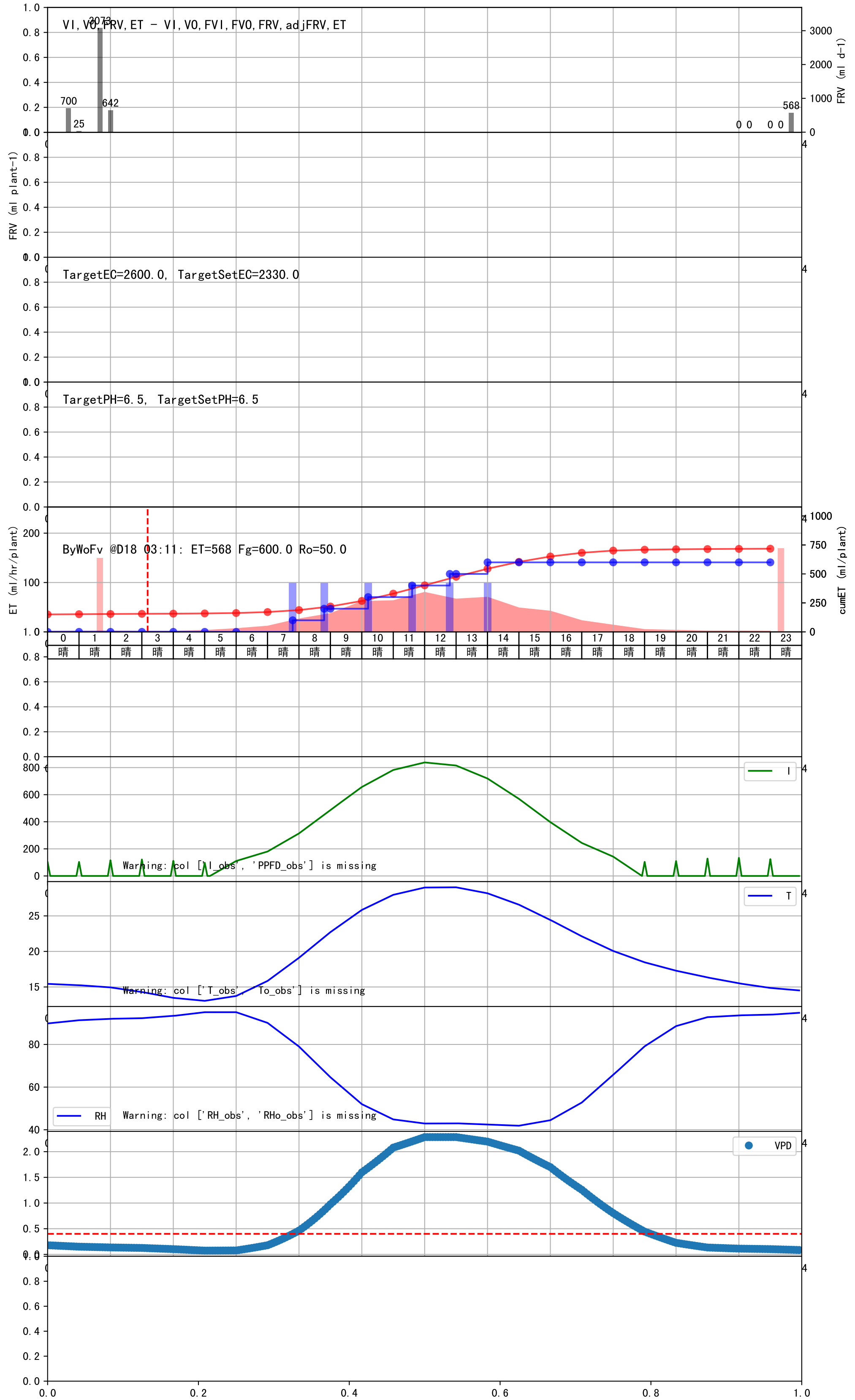


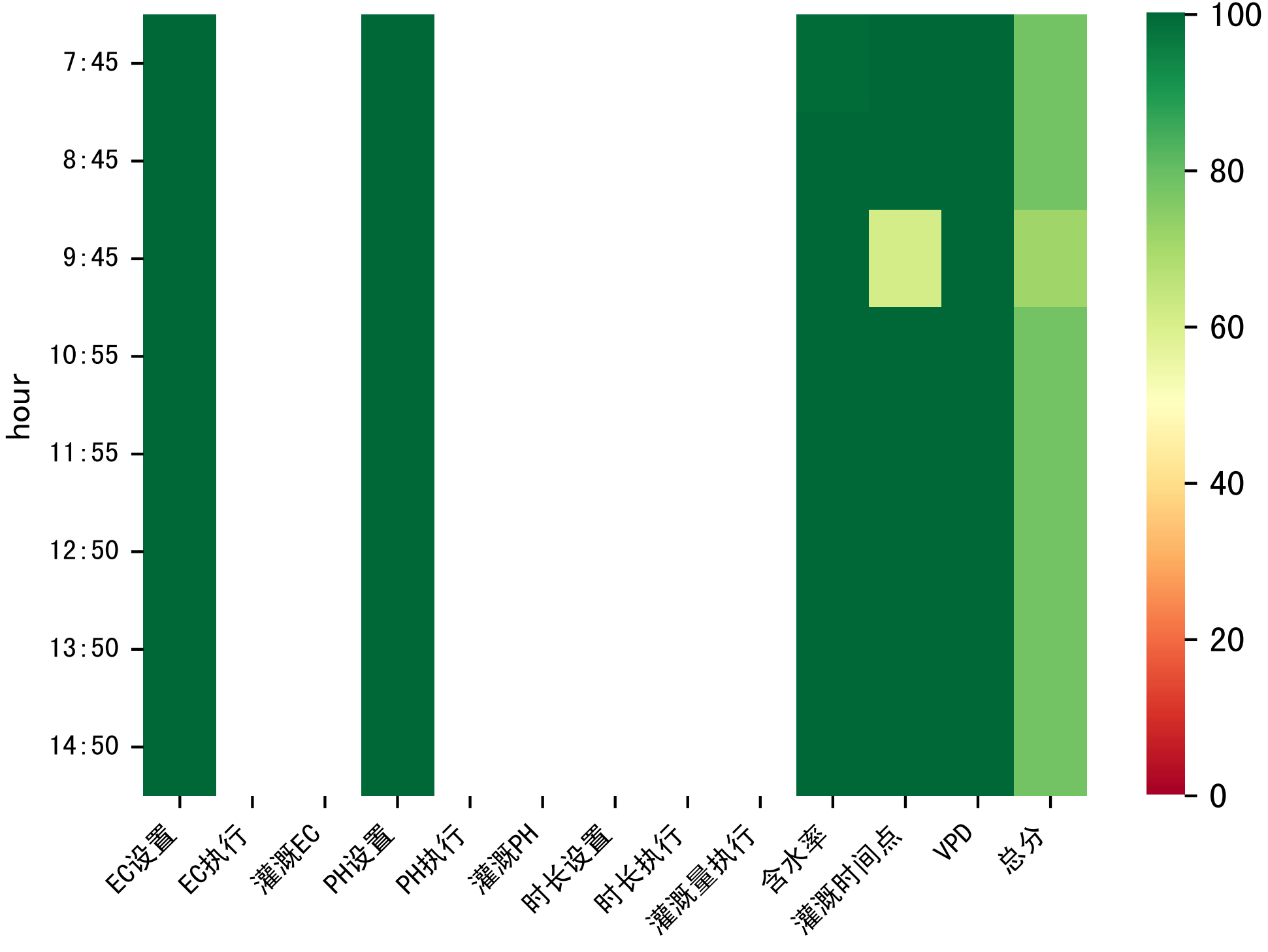

hour
7:50
8:50
10:15
11:35
12:45
14:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

P6AW

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:50	213	100.0	晴	预期@07:50（未用传感器）
08:50	213	100.0	晴	预期@08:50（未用传感器）
10:15	213	100.0	晴	预期@10:15（未用传感器）
11:35	213	100.0	晴	预期@11:35（未用传感器）
12:45	213	100.0	晴	预期@12:45（未用传感器）
14:00	213	100.0	晴	预期@14:00（未用传感器）
总计	1278.0（6次）	600.0		建议进液EC：2330.0， PH：6.5

P6AW_W, Day=18 (2025-04-23)



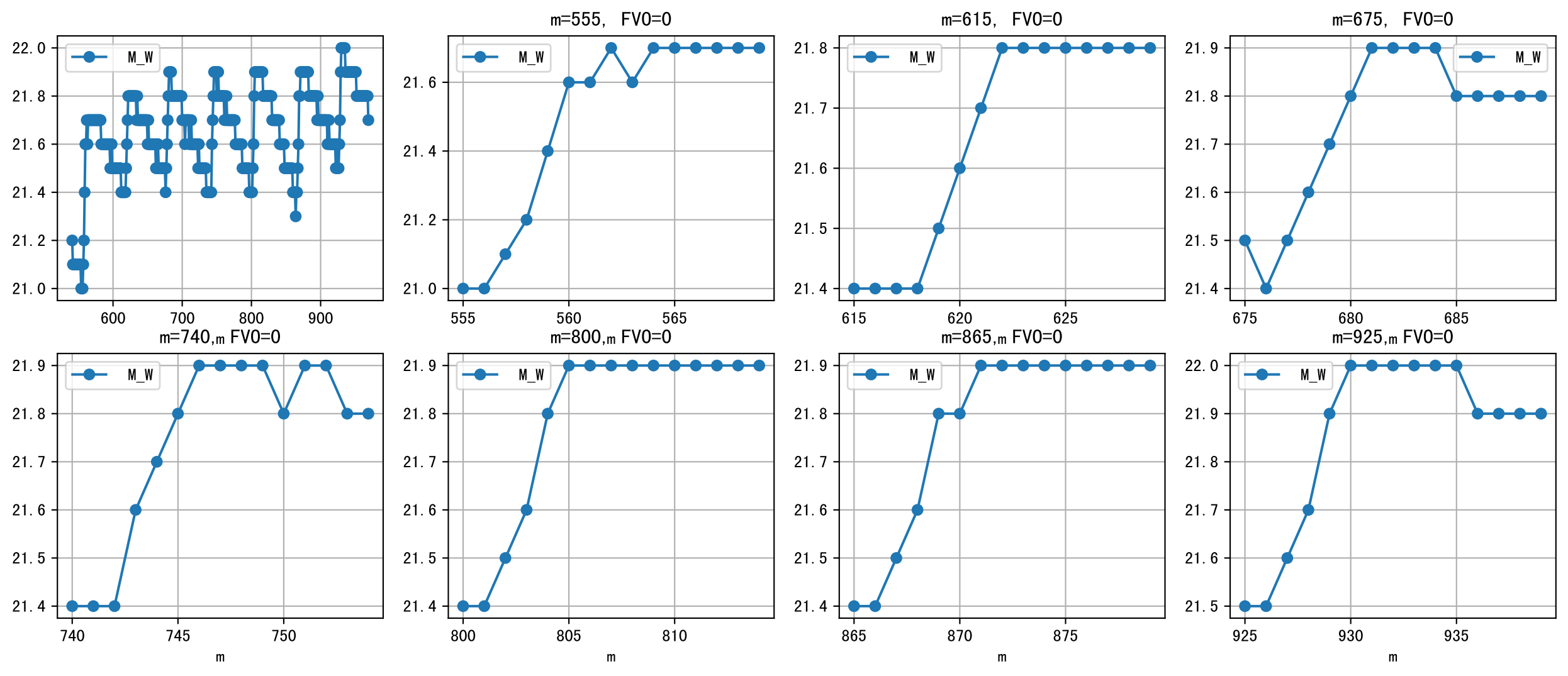

hour
7:45
8:45
9:45
10:55
11:55
12:50
13:50
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

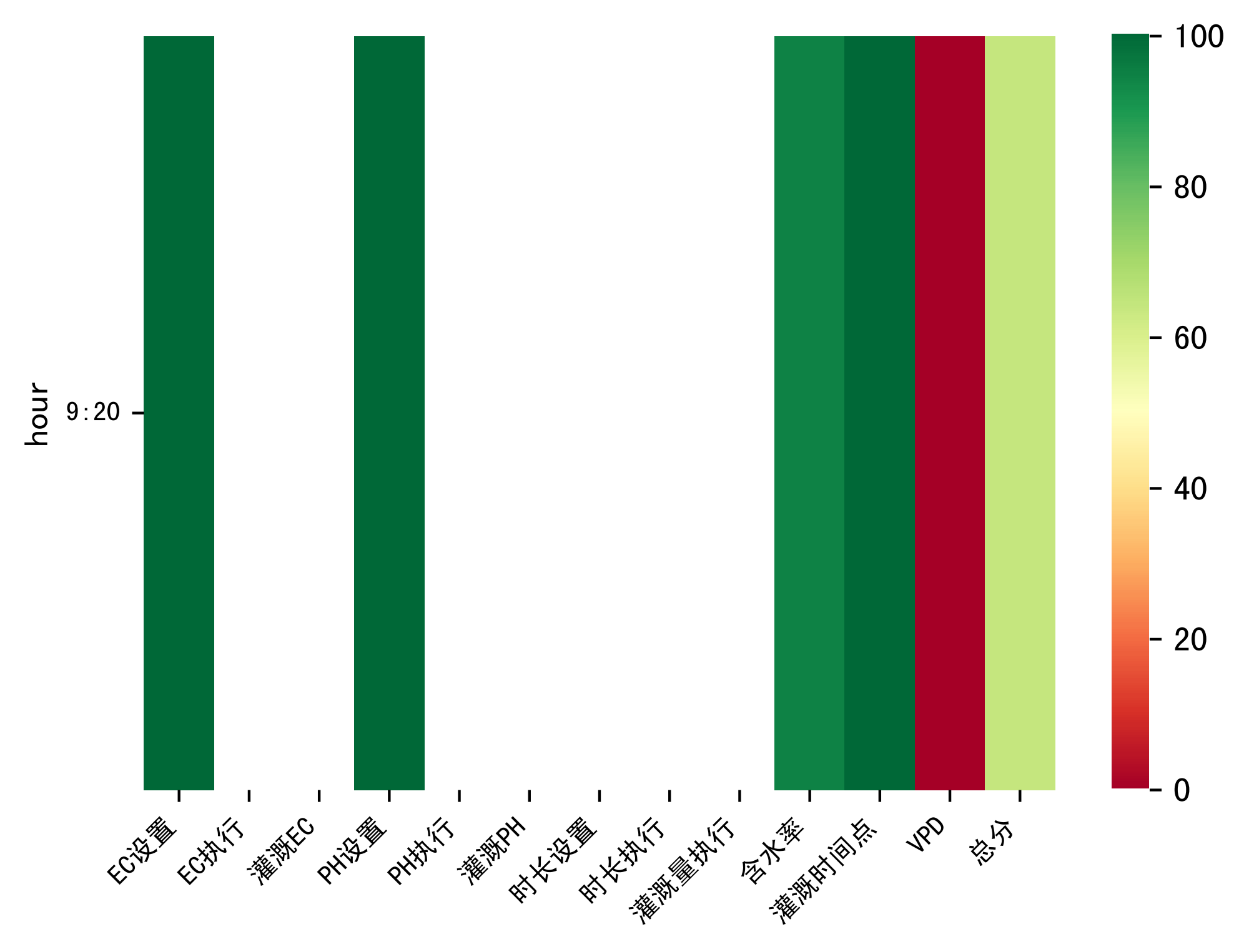
P6AW

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:45	213	90.0	晴	假设@07:45 自动（未用传感器）
08:45	213	90.0	晴	假设@08:45 自动（未用传感器）
09:45	213	90.0	晴	假设@09:45 自动（未用传感器）
10:55	213	90.0	晴	假设@10:55 自动（未用传感器）
11:55	213	90.0	晴	假设@11:55 自动（未用传感器）
12:50	213	90.0	晴	假设@12:50 自动（未用传感器）
13:50	213	90.0	晴	假设@13:50 自动（未用传感器）
14:50	213	90.0	晴	假设@14:50 自动（未用传感器）
总计	1704.0 (8次)	720.0		建议进液EC：2263.0， PH：6.5

滴头平均流速偏大（2.07），请检查
施肥机灌溉量与预期值不符 (439.0 : 102.0)，可能水表需要校准
上次灌溉时长未按模型建议(213 vs 188.0))
默认实际灌溉102.0 ml.
large discrepency for begining water status (117:252.0), set to 144.0 ml.

P6AW_W, Day=17 (2025-04-22)


M_W
m=555, FV0=0
m=615, FV0=0
m=675, FV0=0
m=740,m FV0=0
m=800,m FV0=0
m=865,m FV0=0
m=925,m FV0=0
m

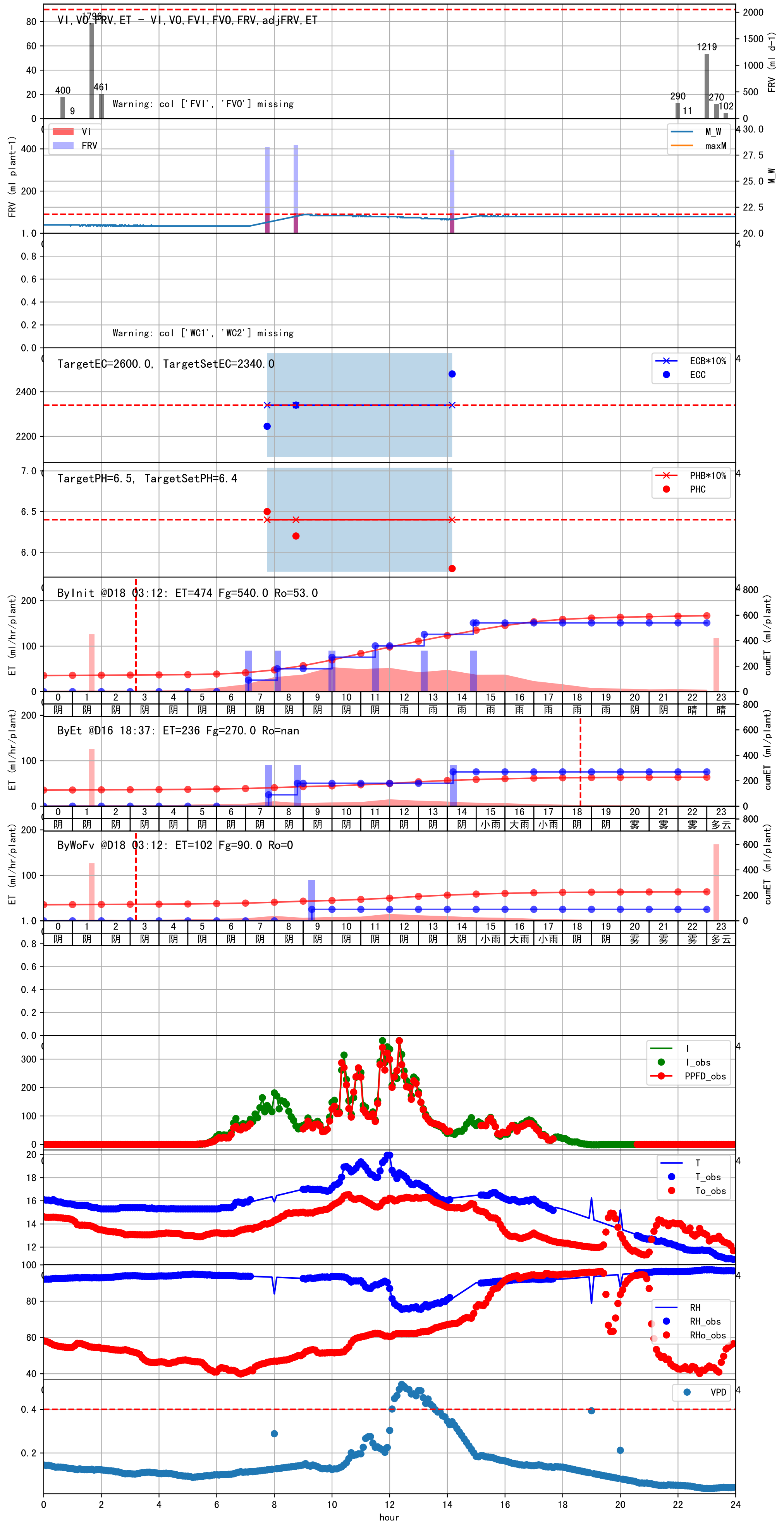

hour
9:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

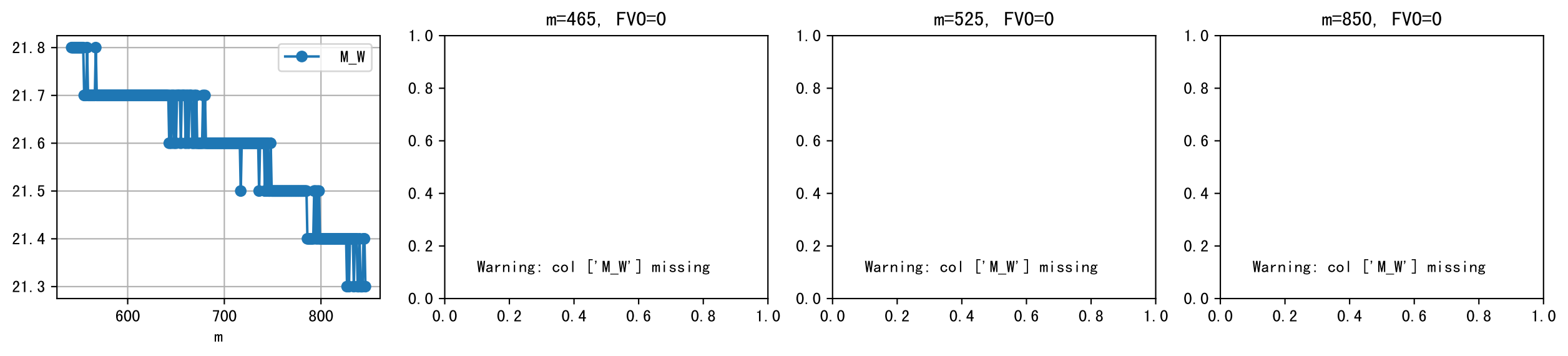
P6AW

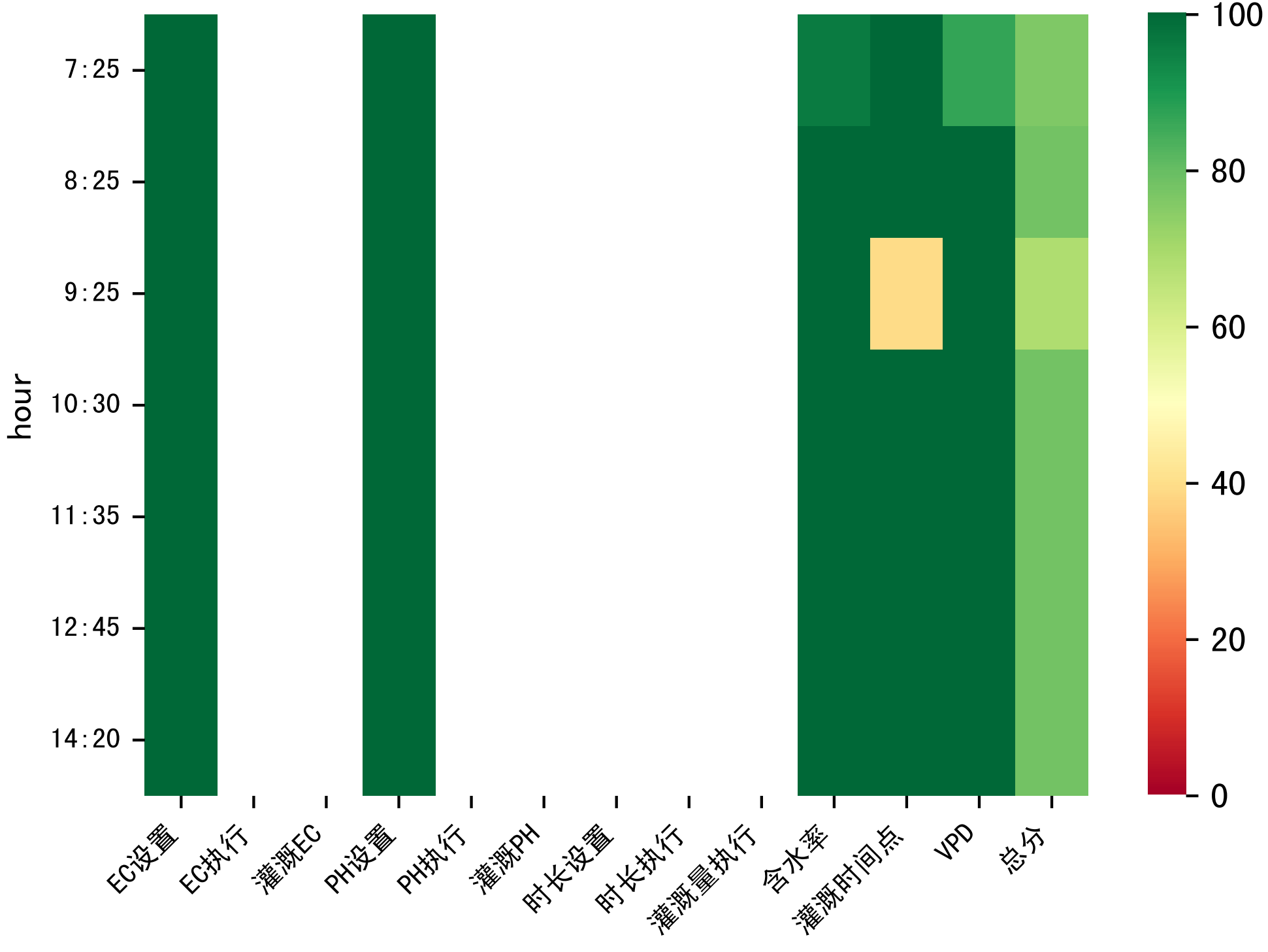
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:20	191	90.0	阴	假设@09:20 自动（未用传感器）
总计	191.0 (1次)	90.0		建议进液EC：2340.0， PH：6.4

滴头平均流速偏大（2.07），请检查
施肥机灌溉量与预期值不符 (393.0 : 90.0)，可能水表需要校准
默认实际灌溉90.0 ml.
large discrepency for begining water status (126:276.0), set to 156.0 ml.

P6AW_W, Day=16 (2025-04-21)




M_W
21.8
21.7
21.6
21.5
21.4
21.3
600
700
800
m
m=465, FV0=0
m=525, FV0=0
m=850, FV0=0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col ['M_W'] missing

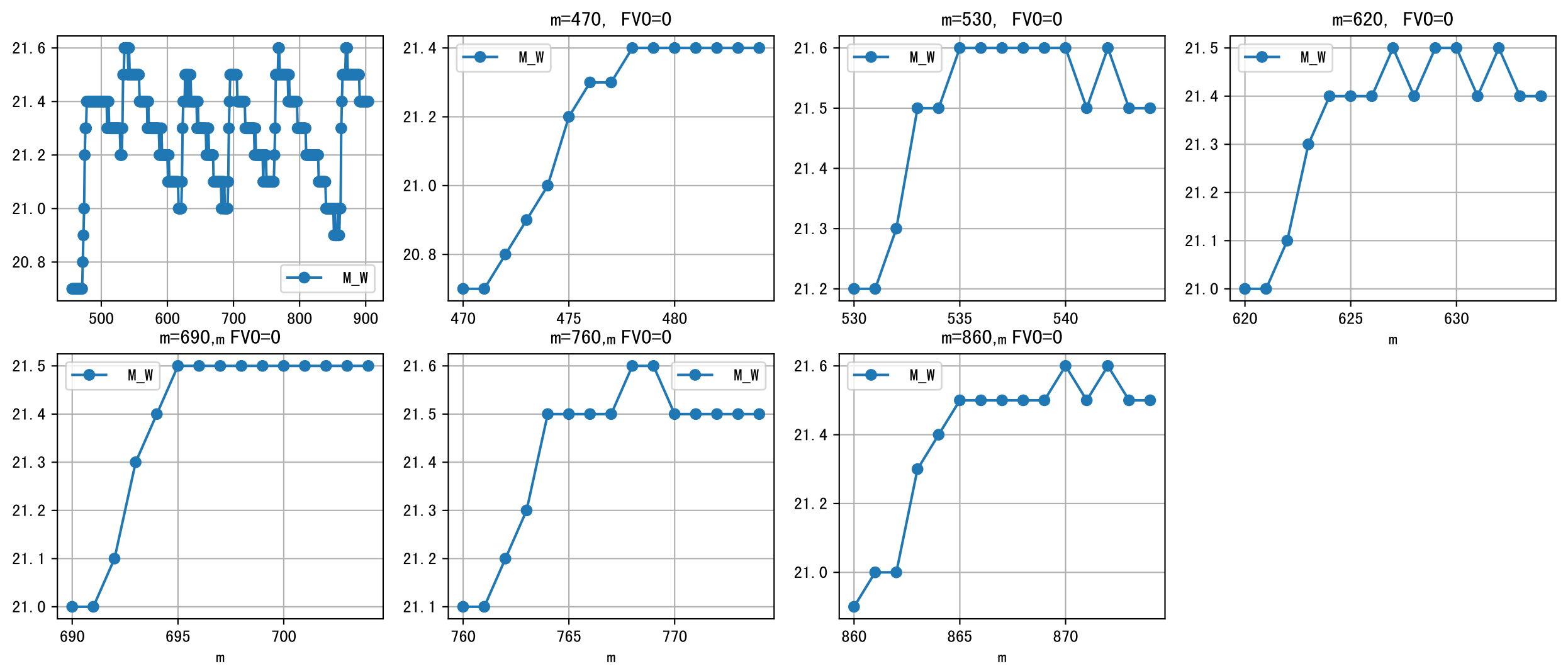

hour
7:25
8:25
9:25
10:30
11:35
12:45
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

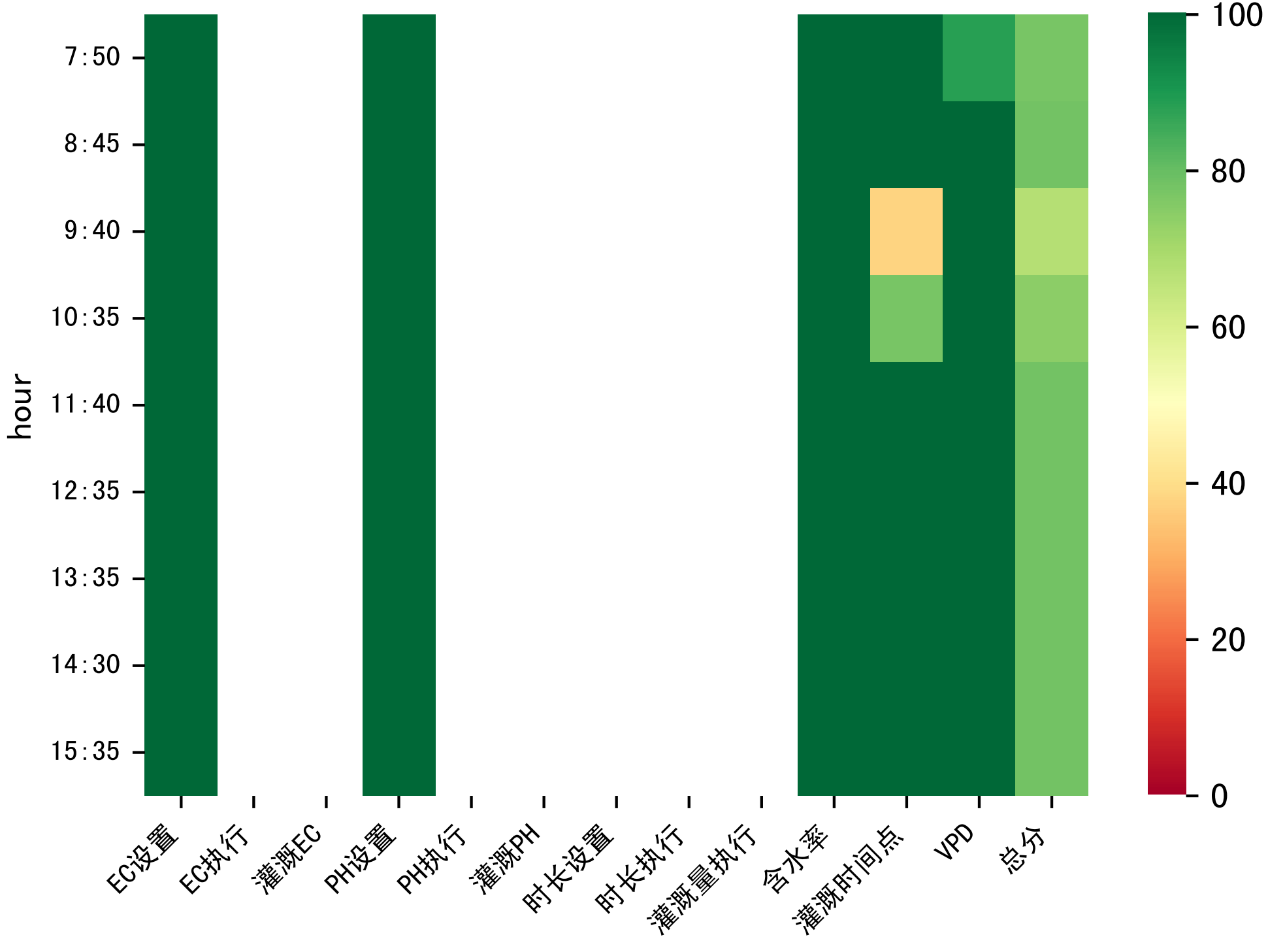
P6AW

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:25	146	80.0	多云	假设@07:25 自动（未用传感器）
08:25	146	80.0	多云	假设@08:25 自动（未用传感器）
09:25	146	80.0	阴	假设@09:25 自动（未用传感器）
10:30	146	80.0	阴	假设@10:30 自动（未用传感器）
11:35	146	80.0	阴	假设@11:35 自动（未用传感器）
12:45	146	80.0	阴	假设@12:45 自动（未用传感器）
14:20	146	80.0	阴	假设@14:20 自动（未用传感器）
总计	1022.0 (7次)	560.0		建议进液EC：2270.0， PH：6.3

滴头平均流速偏大（2.07），请检查
施肥机灌溉量与预期值不符 (301.0 : 69.0)，可能水表需要校准
上次灌溉时长未按模型建议(146 vs 170.0))
默认实际灌溉69.0 ml.
large discrepency for begining water status (136:279.0), set to 164.0 ml.

P6AW_W, Day=15 (2025-04-20)


m=470, FV0=0
m=530, FV0=0
m=620, FV0=0
m=690,m FV0=0
m=760,m FV0=0
m=860,m FV0=0
M_W
m

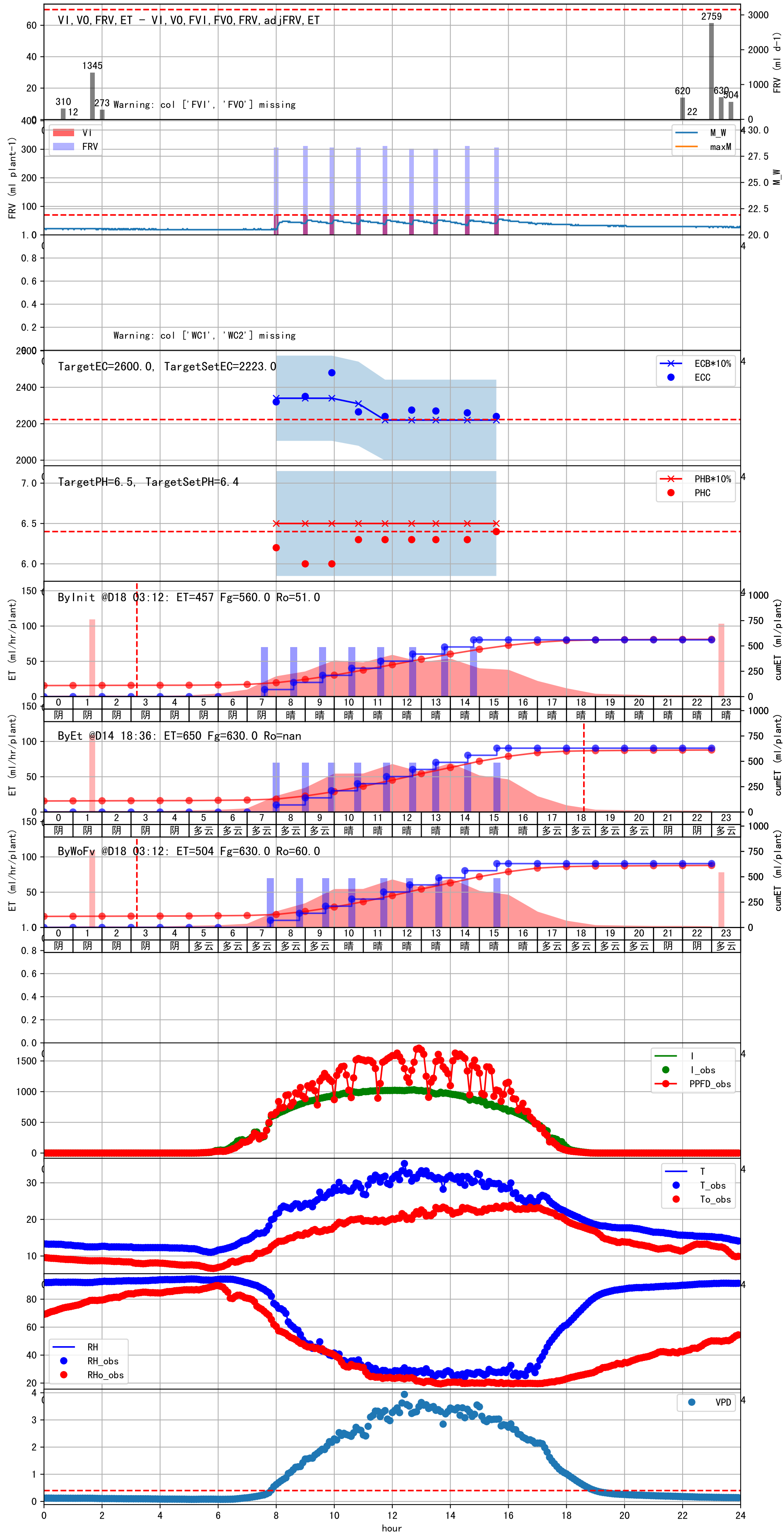

hour
7:50
8:45
9:40
10:35
11:40
12:35
13:35
14:30
15:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

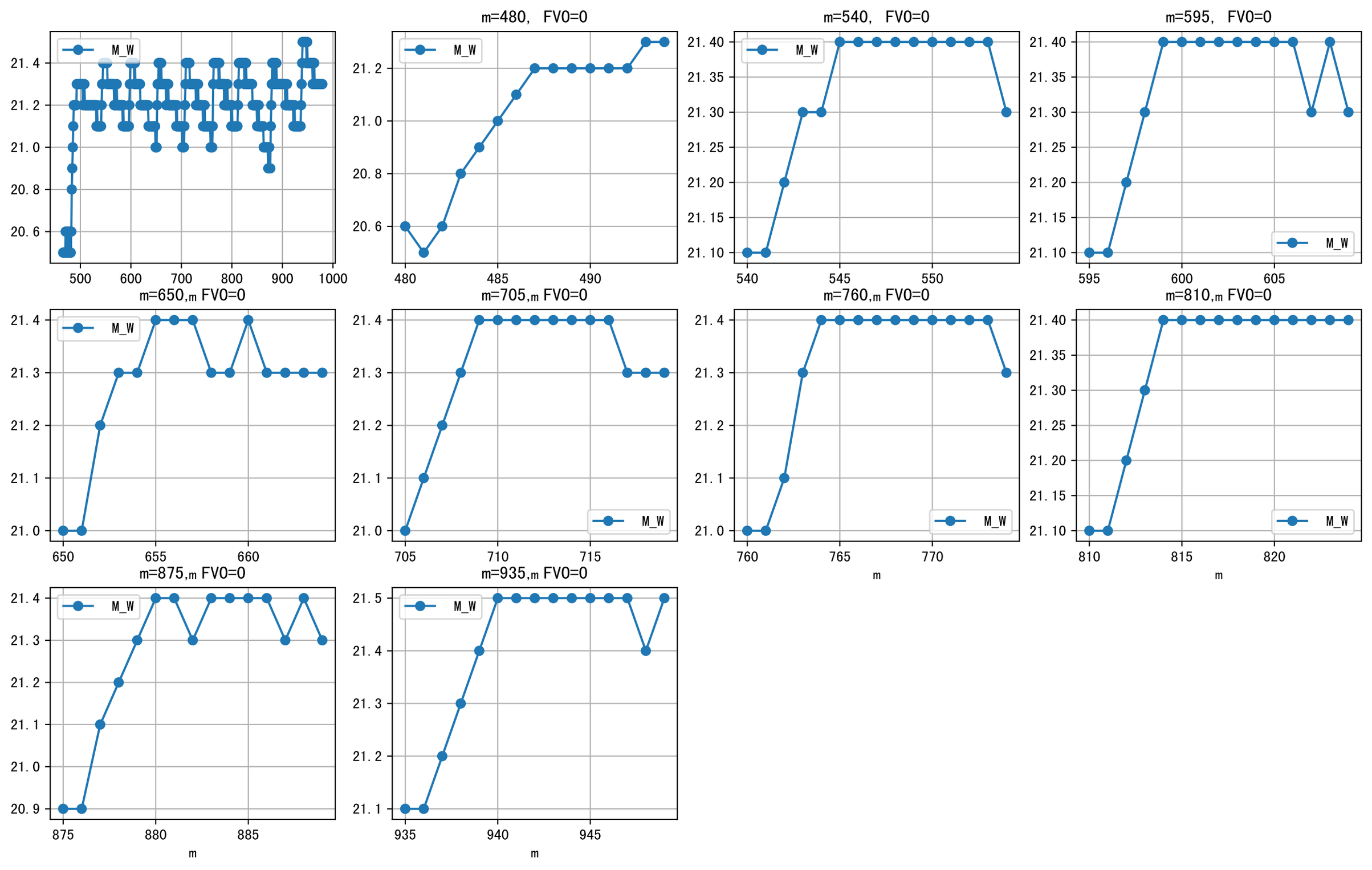
P6AW

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:50	149	70.0	多云	假设@07:50 自动（未用传感器）
08:45	149	70.0	多云	假设@08:45 自动（未用传感器）
09:40	149	70.0	多云	假设@09:40 自动（未用传感器）
10:35	149	70.0	晴	假设@10:35 自动（未用传感器）
11:40	149	70.0	晴	假设@11:40 自动（未用传感器）
12:35	149	70.0	晴	假设@12:35 自动（未用传感器）
13:35	149	70.0	晴	假设@13:35 自动（未用传感器）
14:30	149	70.0	晴	假设@14:30 自动（未用传感器）
15:35	149	70.0	晴	假设@15:35 自动（未用传感器）
总计	1341.0 (9次)	630.0		建议进液EC：2223.0， PH：6.4

滴头平均流速偏大（2.07），请检查
施肥机灌溉量与预期值不符 (306.0 : 70.0)，可能水表需要校准
默认实际灌溉70.0 ml.
large discrepency for begining water status (109:282.0), set to 144.0 ml.

P6AW_W, Day=14 (2025-04-19)




m=480, FV0=0
m=540, FV0=0
m=595, FV0=0
m=650,m FV0=0
m=705,m FV0=0
m=760,m FV0=0
m=810,m FV0=0
m=875,m FV0=0
m=935,m FV0=0
M_W
m