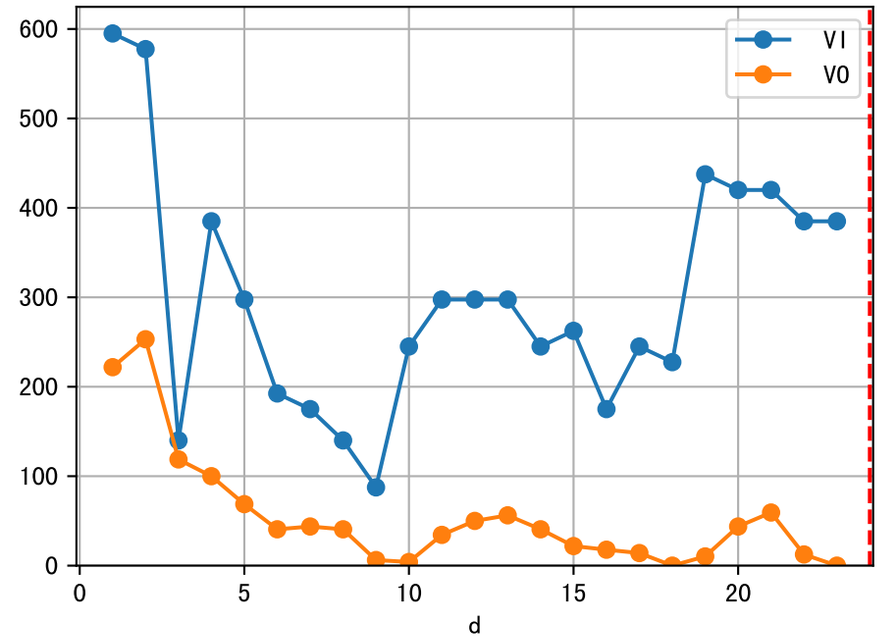
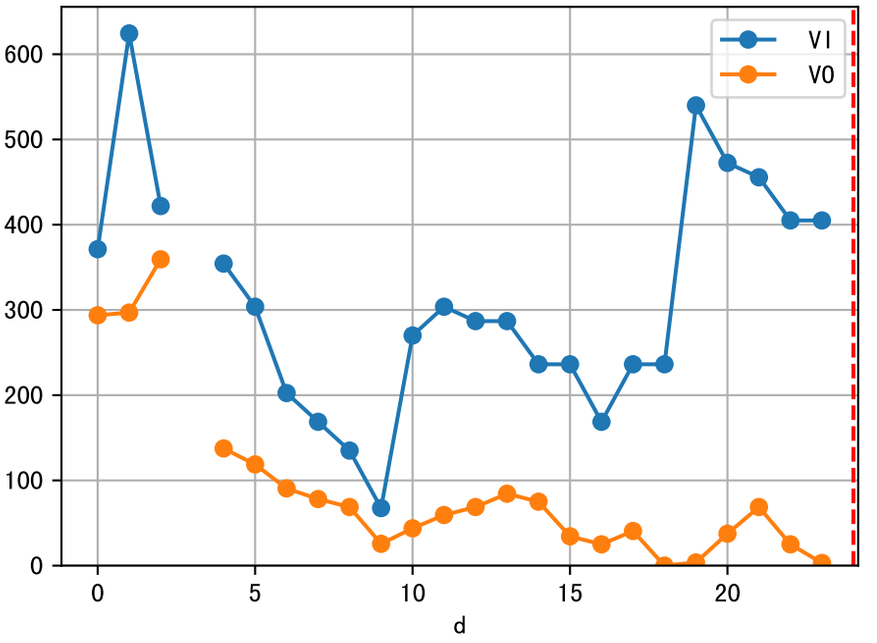
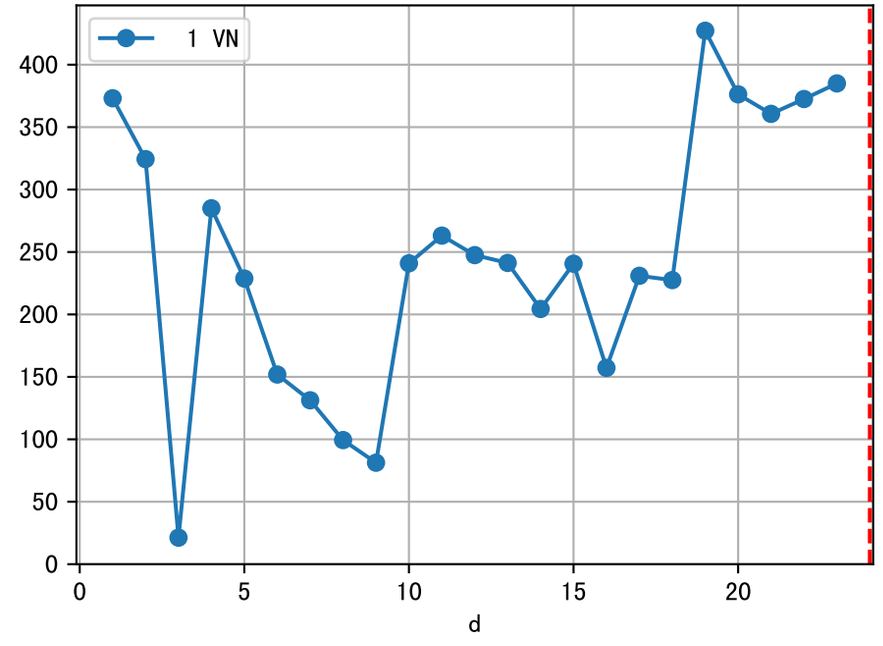
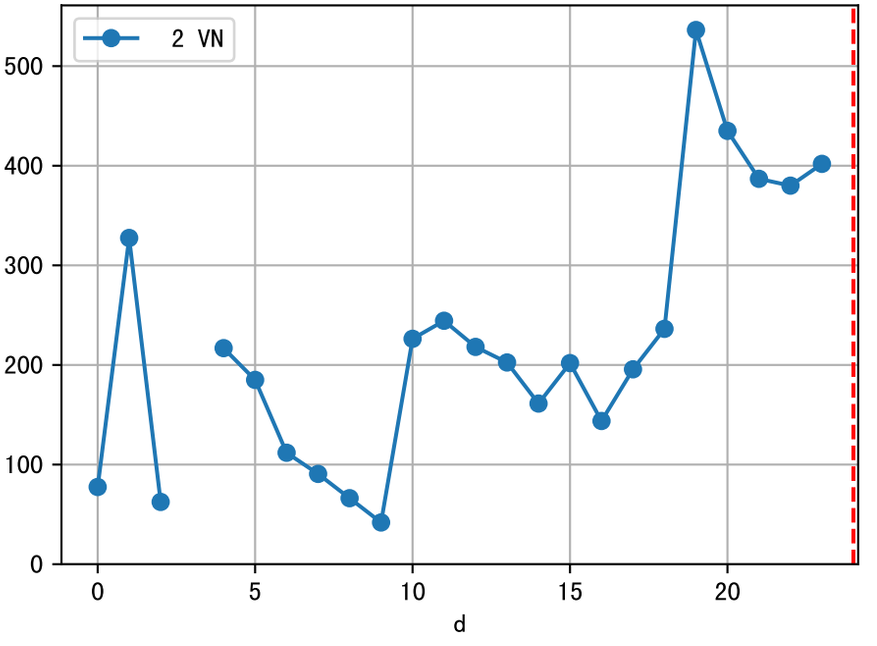
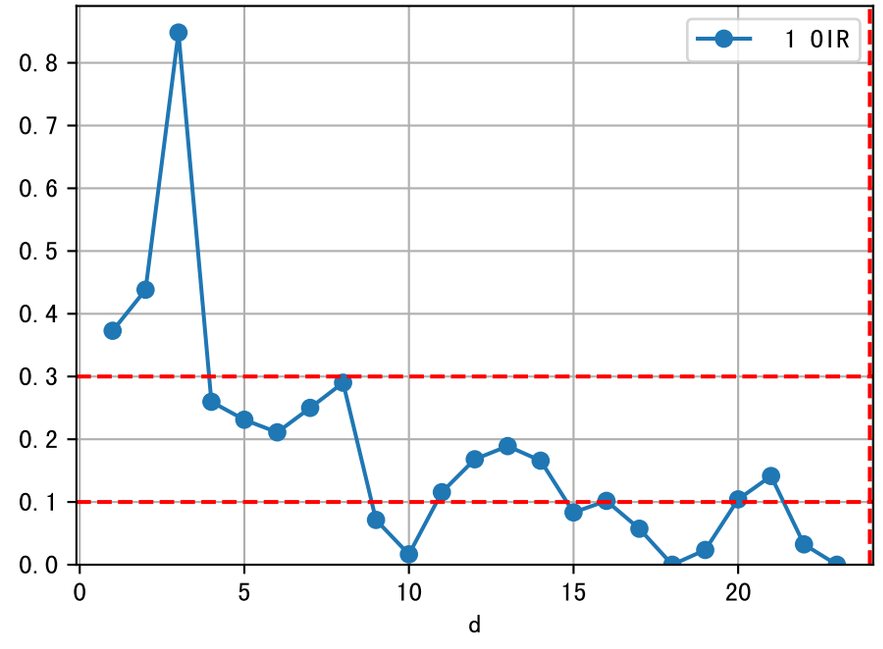
FgArea: ['0']
NC11 P3
2025-04-29 (Day 24)

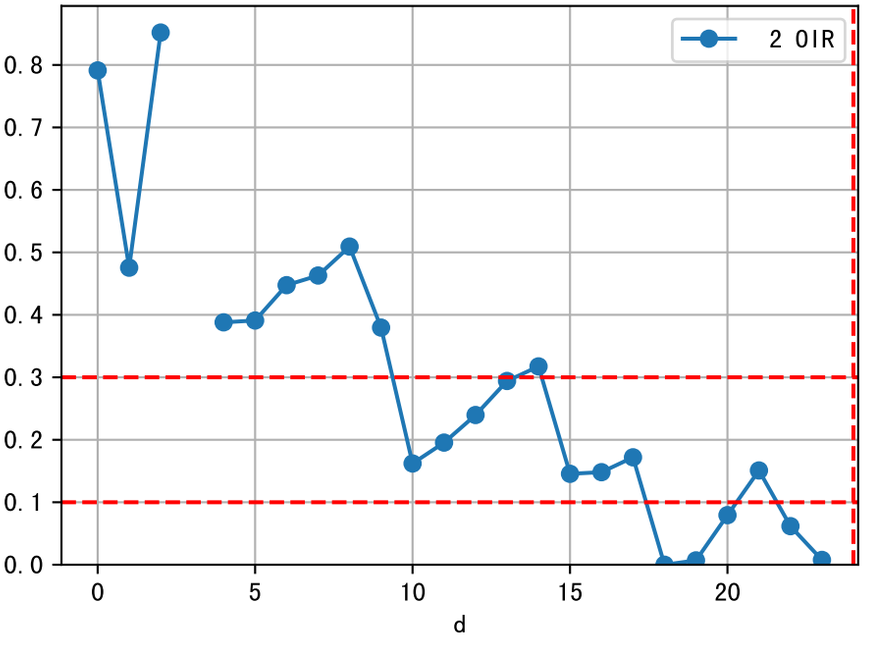

VI
VO
d

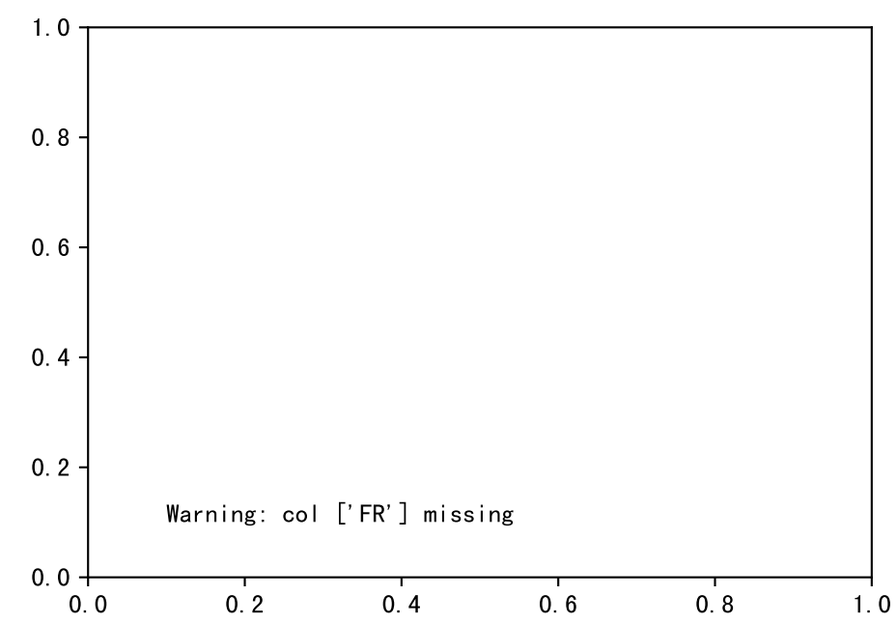

VI
VO
d

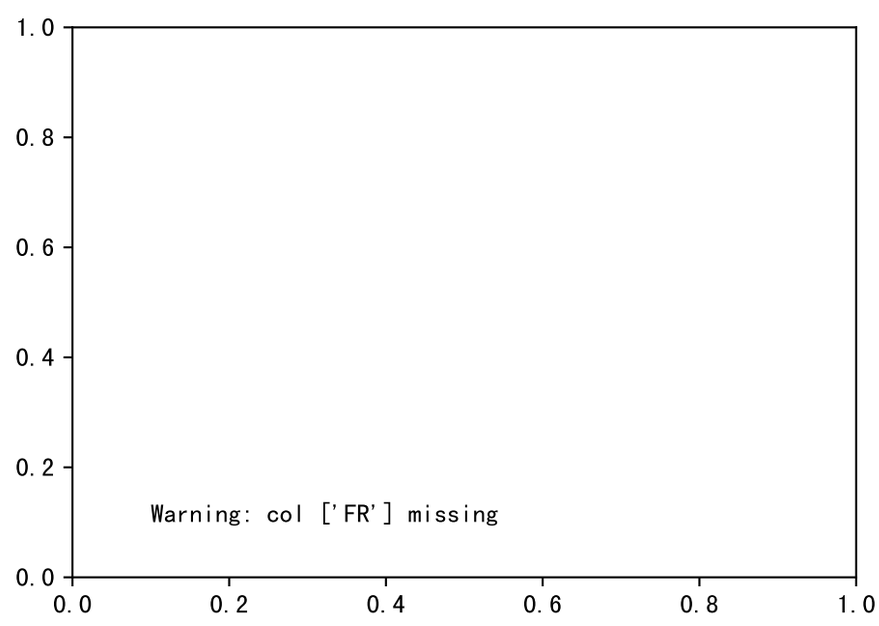

1 VN
d

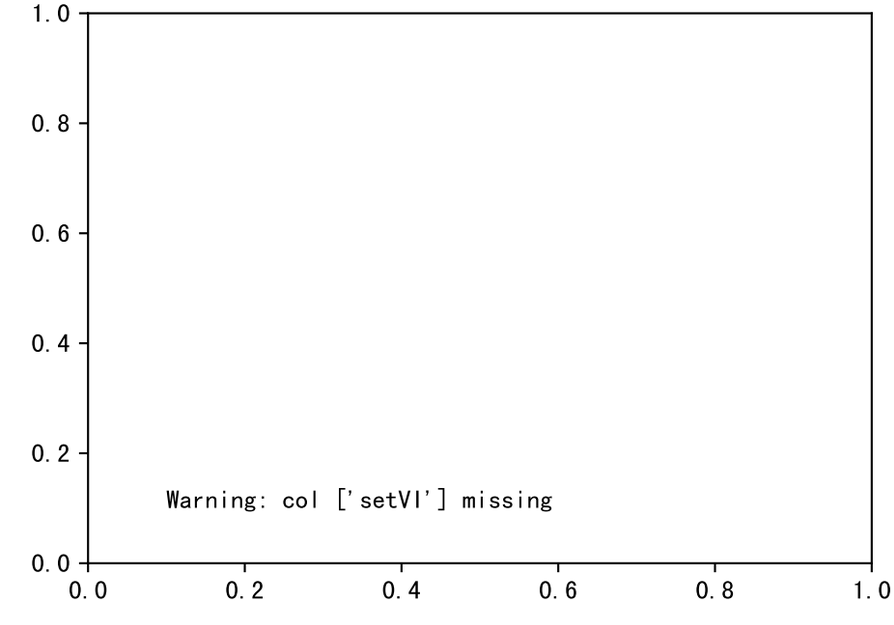

2 VN
d

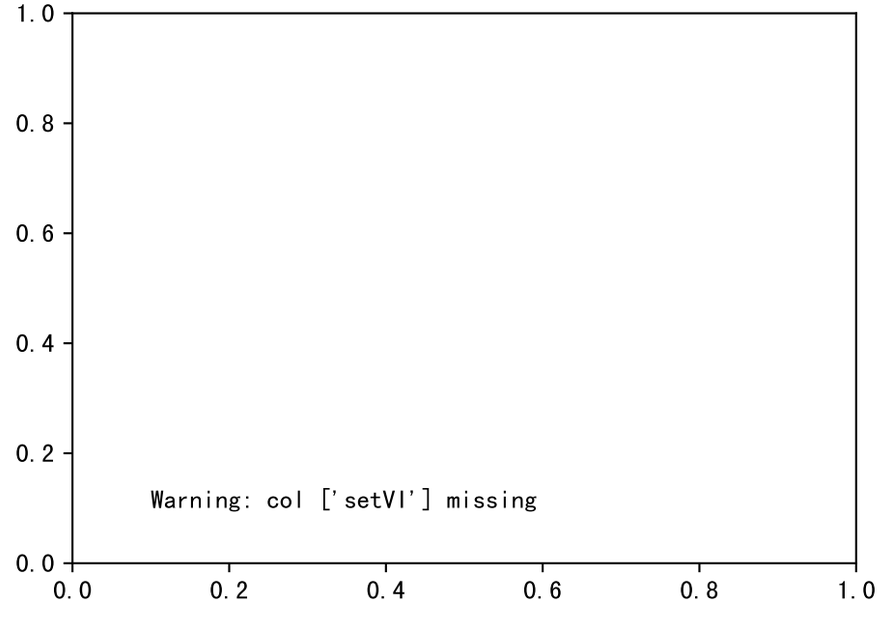

1 OIR
d

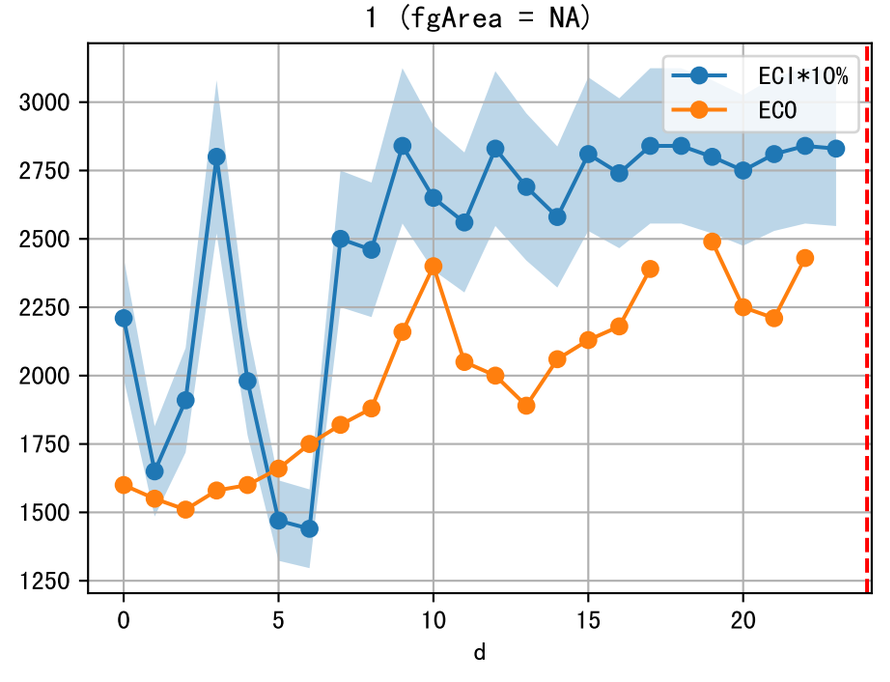

2 OIR
d

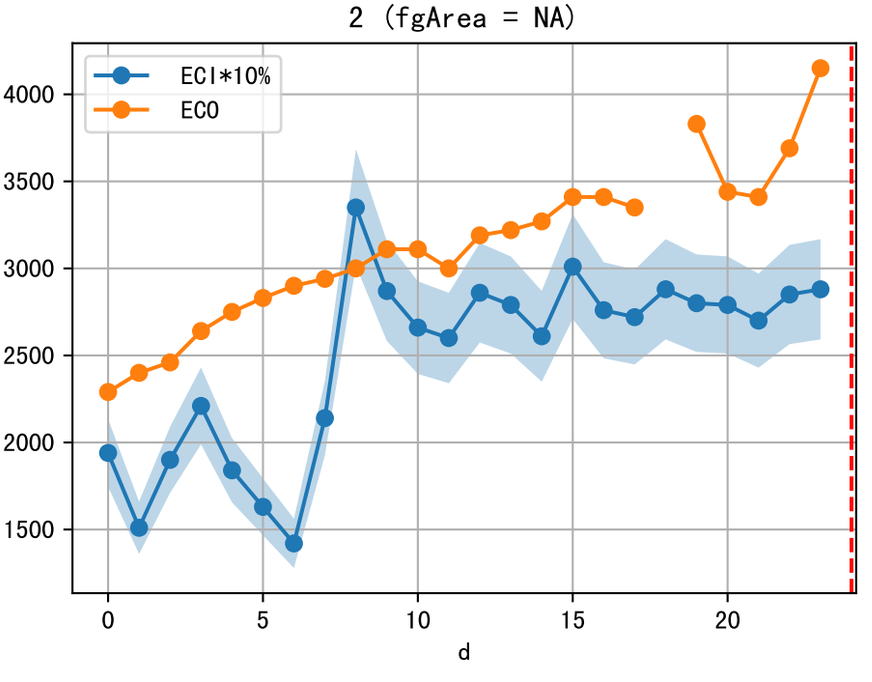

Warning: col ['FR'] missing

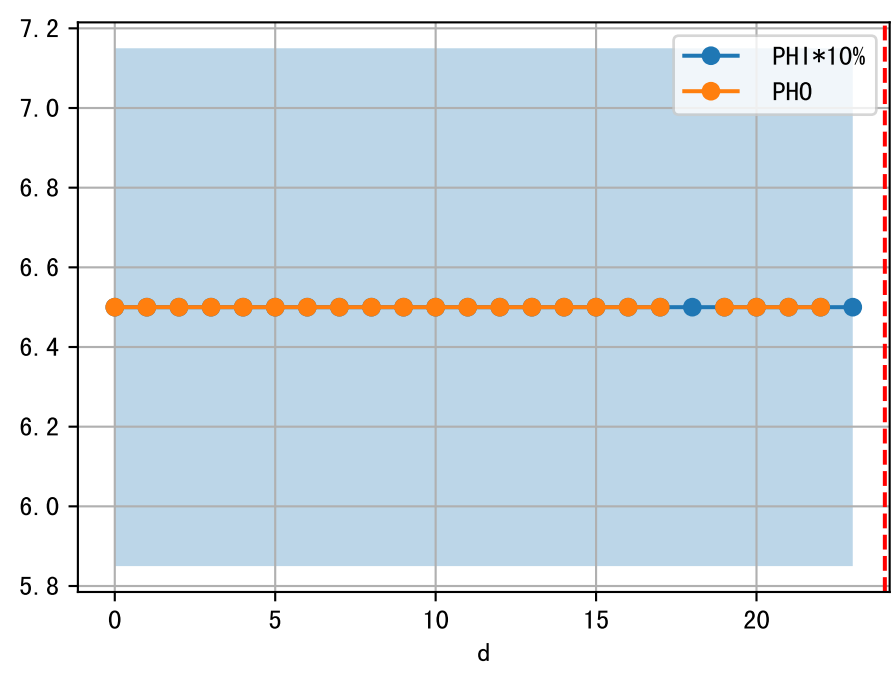

Warning: col ['FR'] missing

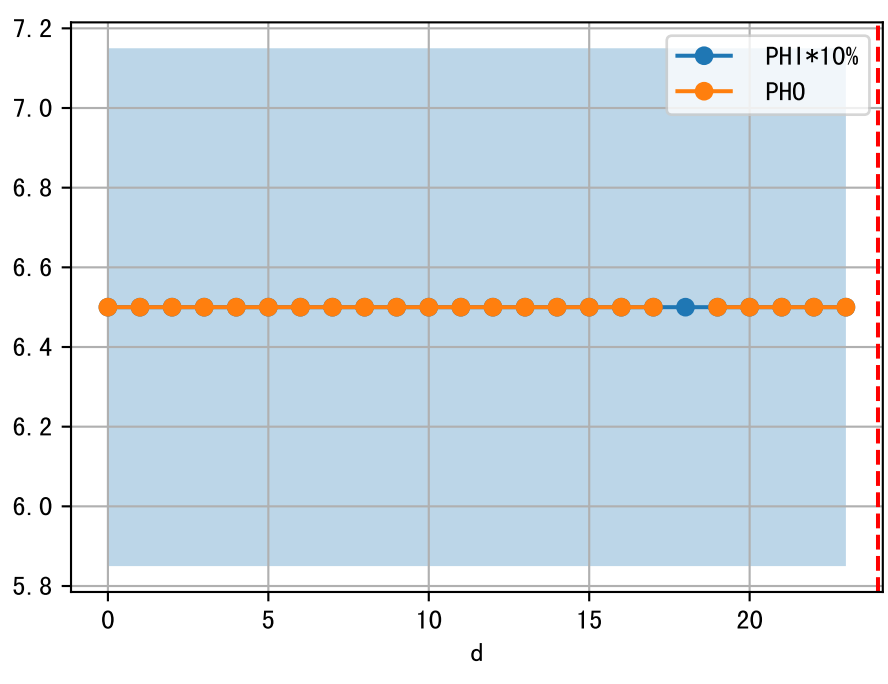

Warning: col ['setVI'] missing

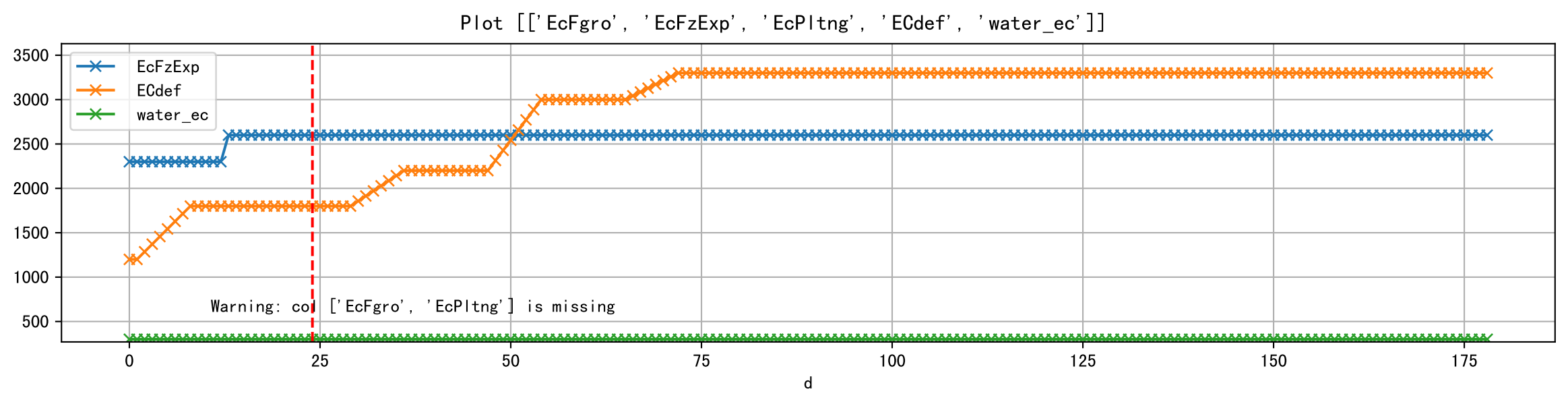

Warning: col ['setVI'] missing

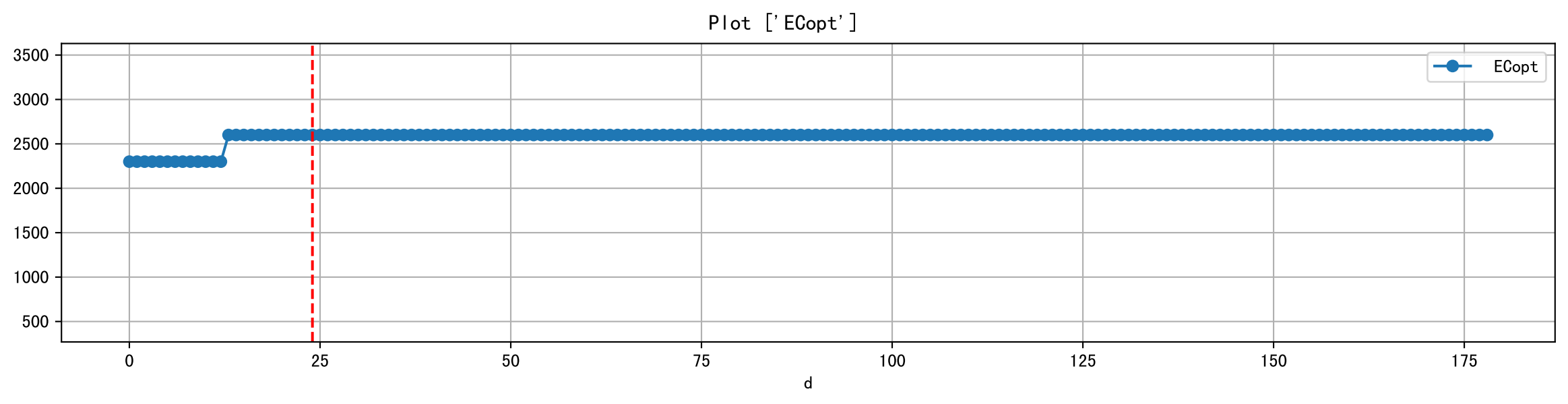

1 (fgArea = NA)
ECI*10%
EC0
d


2 (fgArea = NA)
ECI*10%
EC0
d


7.2
7.0
6.8
6.6
6.4
6.2
6.0
5.8
0
5
10
15
20
d
PHI*10%
PH0

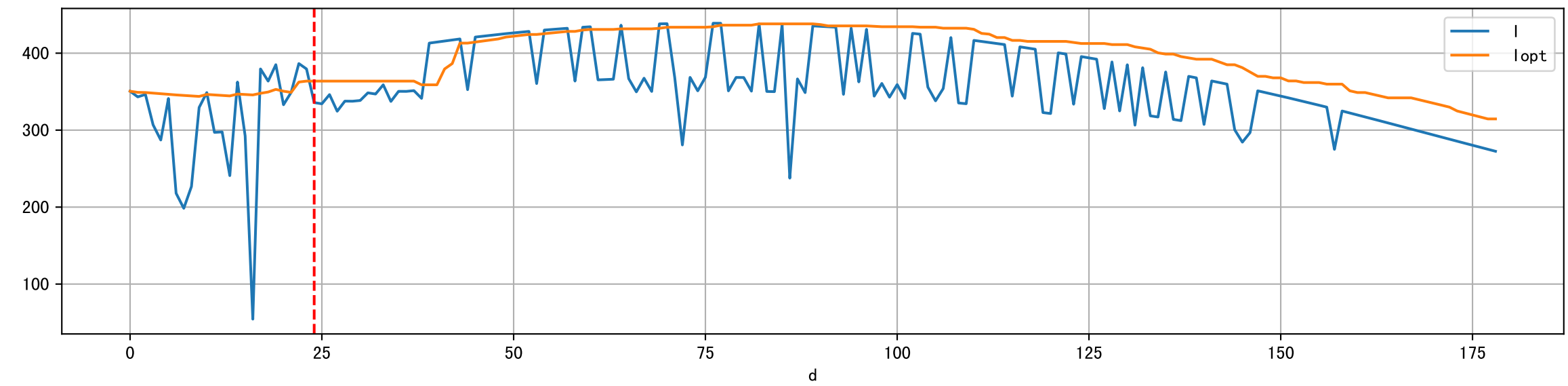

7.2
7.0
6.8
6.6
6.4
6.2
6.0
5.8
0
5
10
15
20
d
PHI*10%
PH0

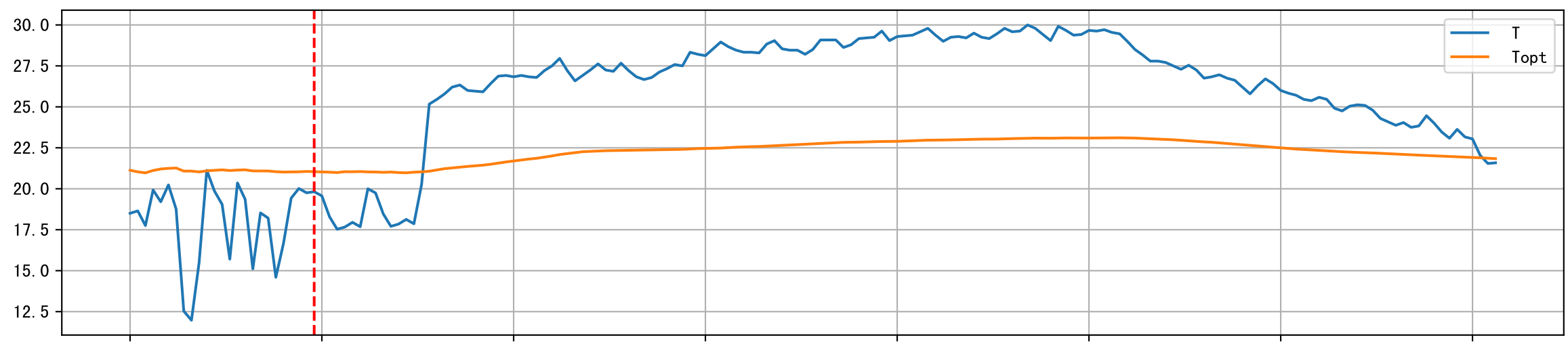

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

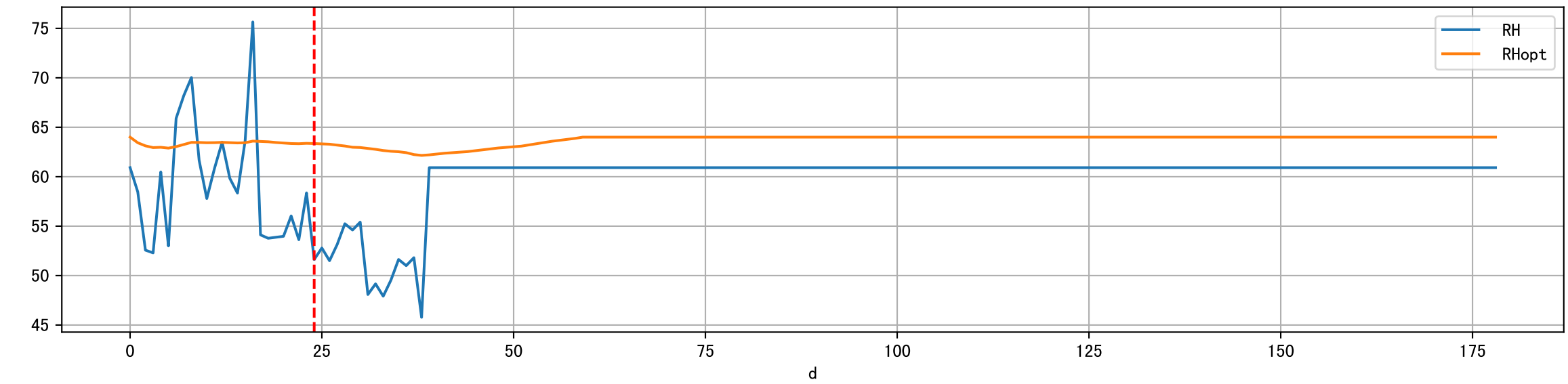

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

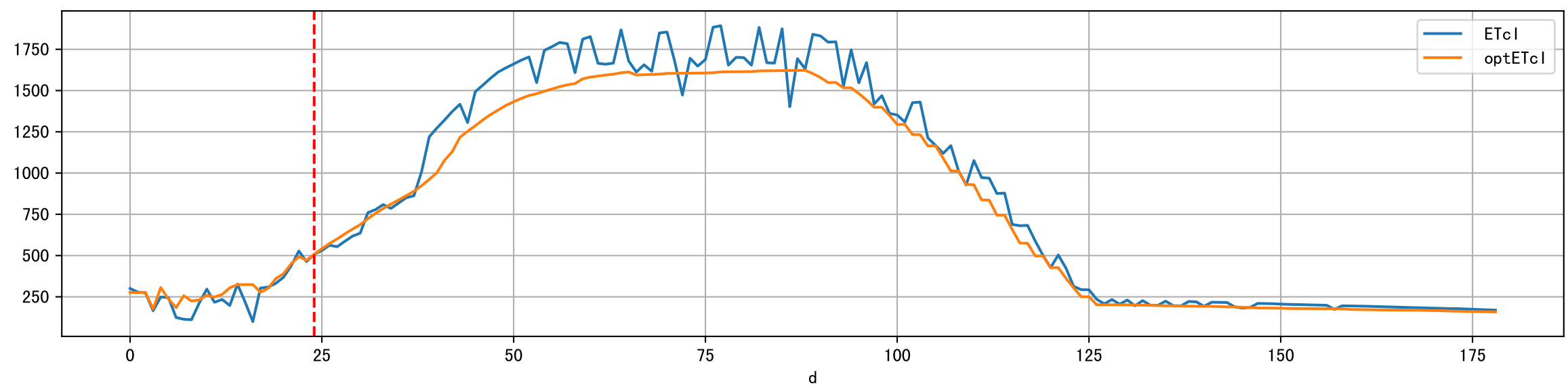
Plot Sensor and FgRec Data

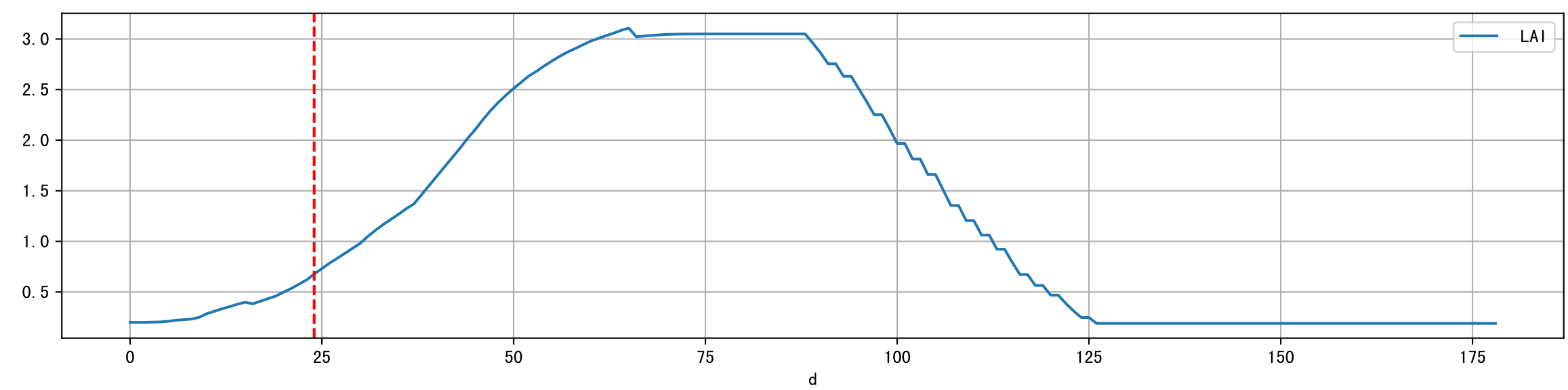
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

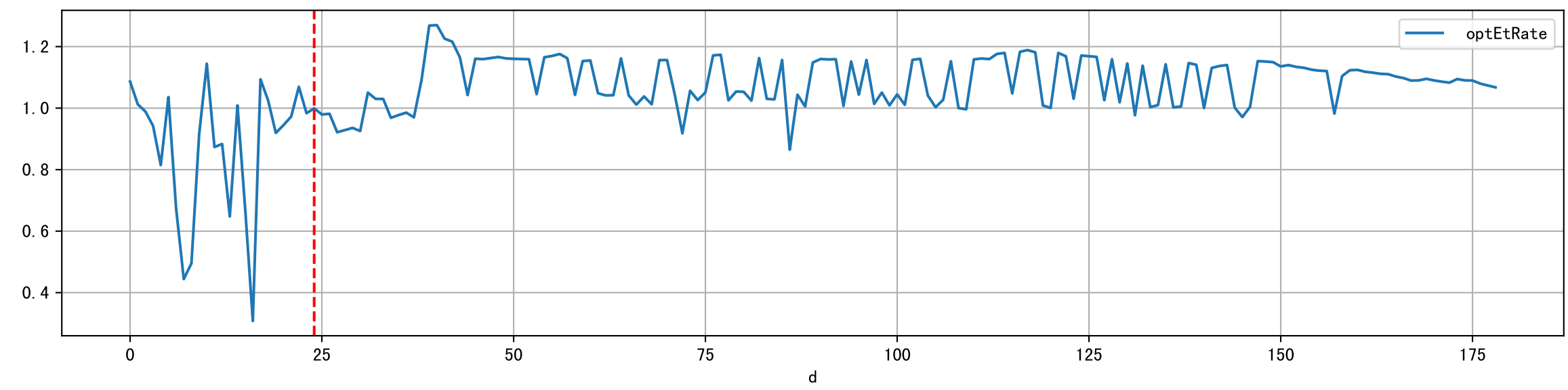


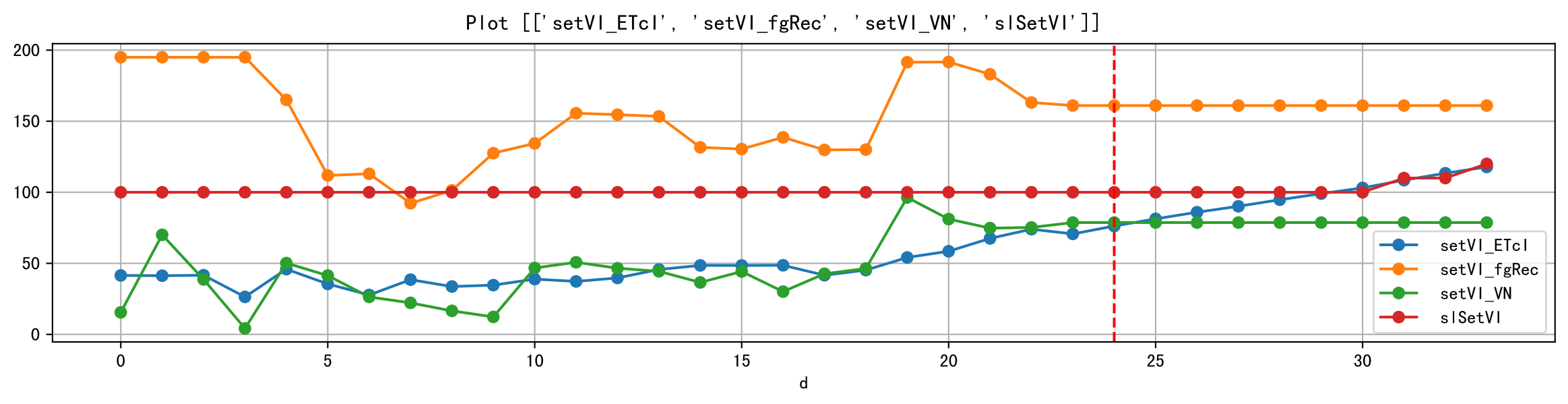


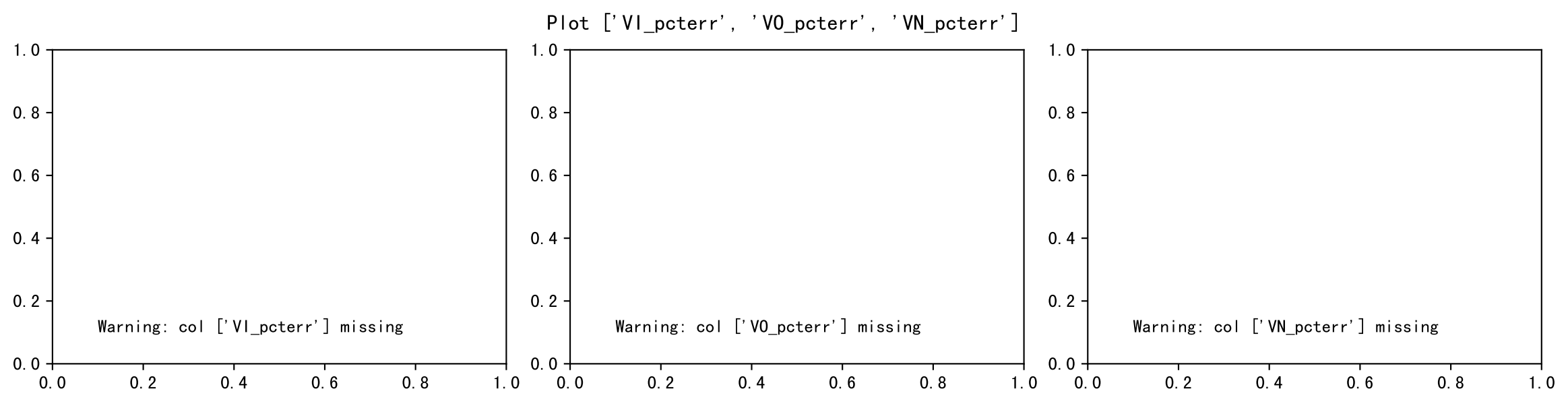


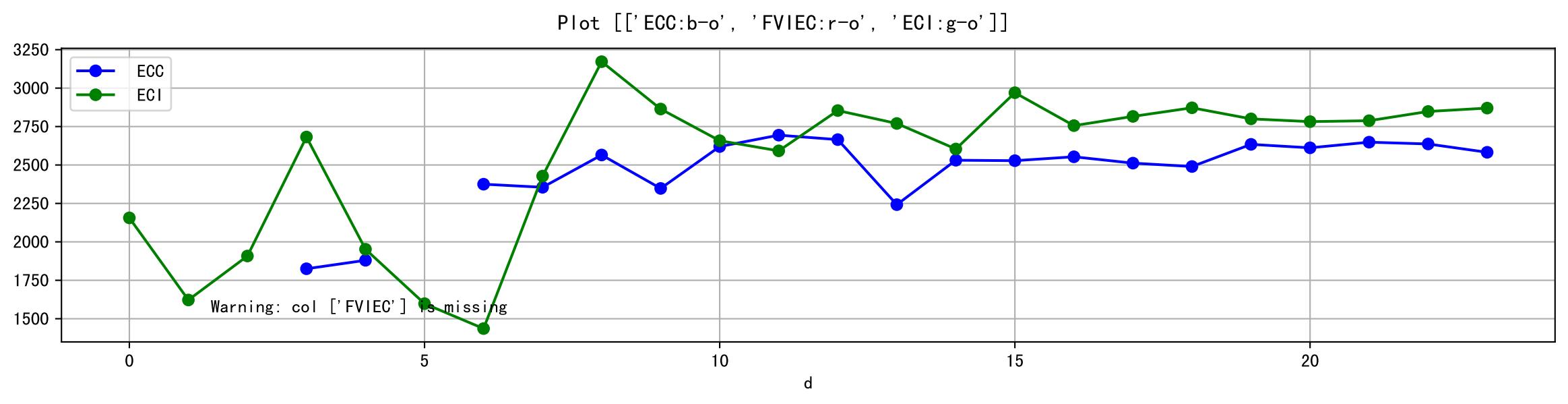


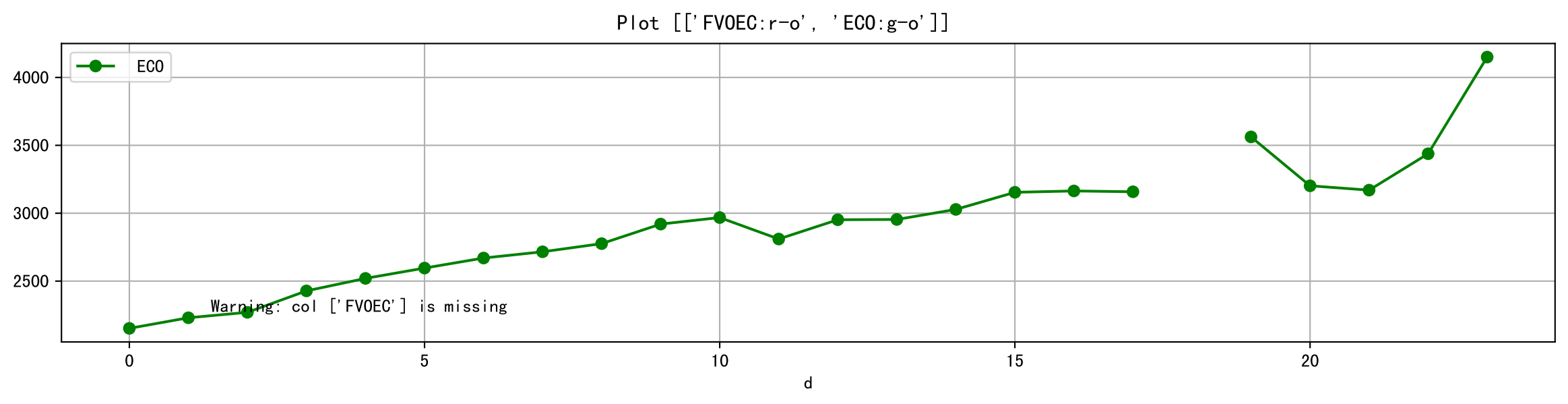


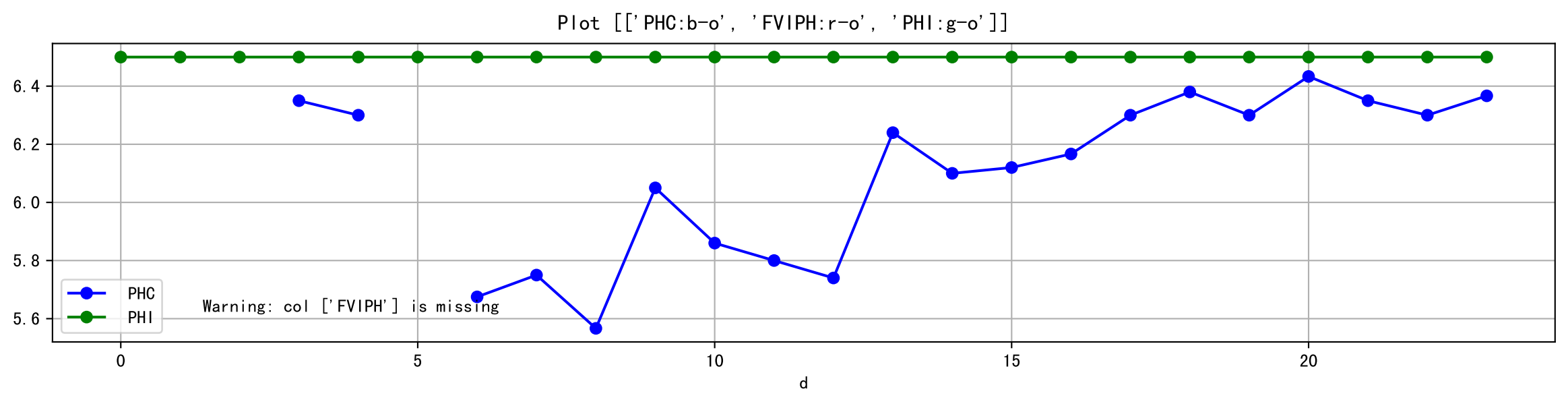


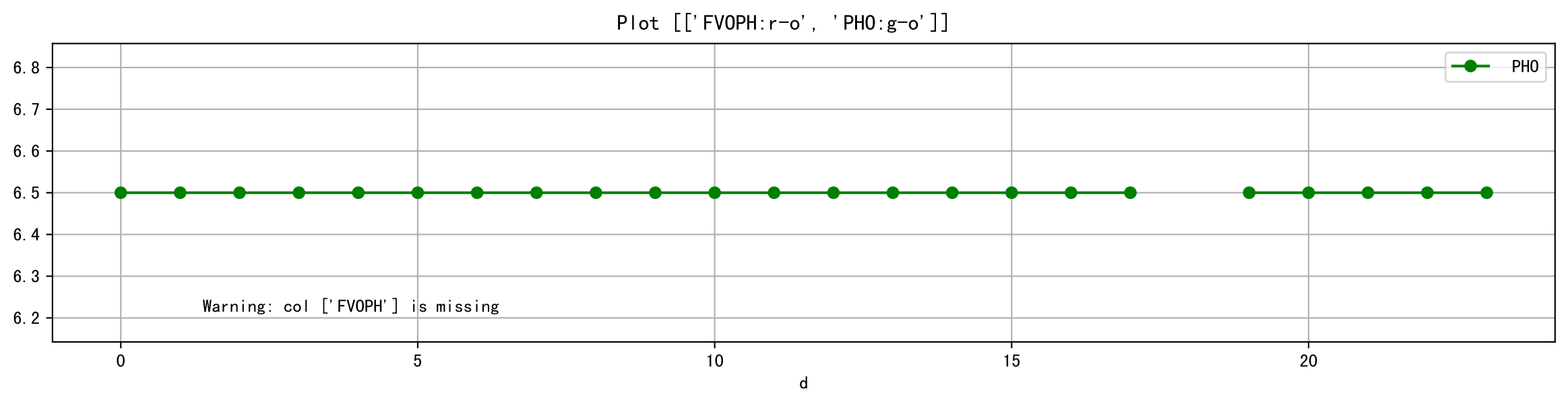

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
200
150
100
50
0
0
5
10
15
20
25
30
d
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI

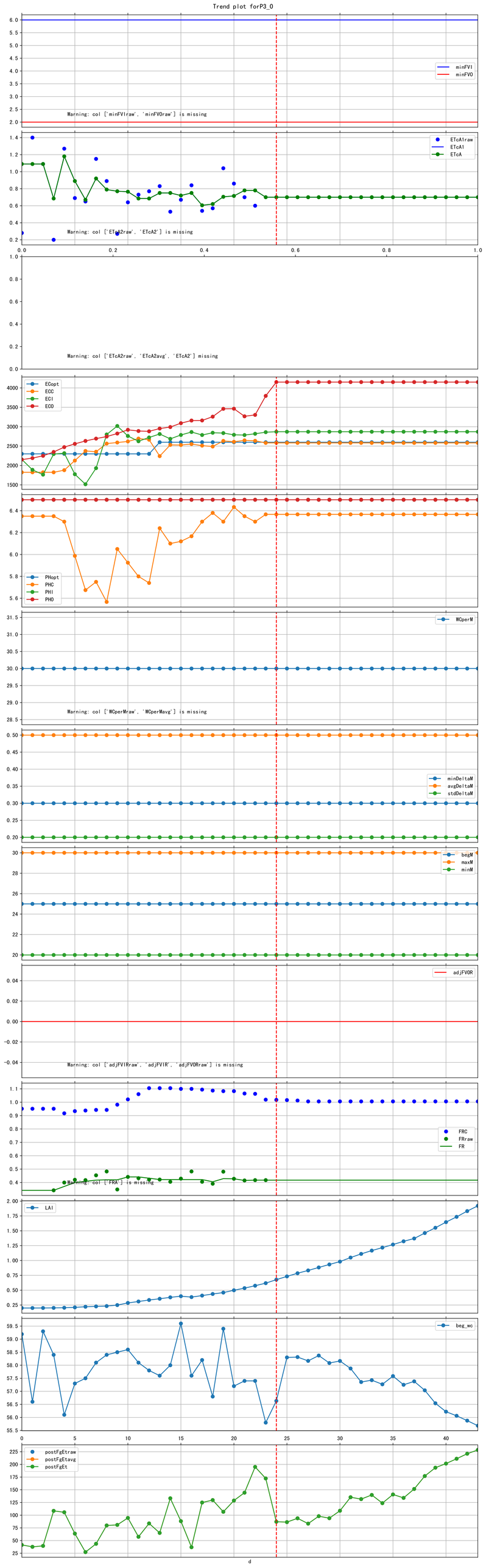

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

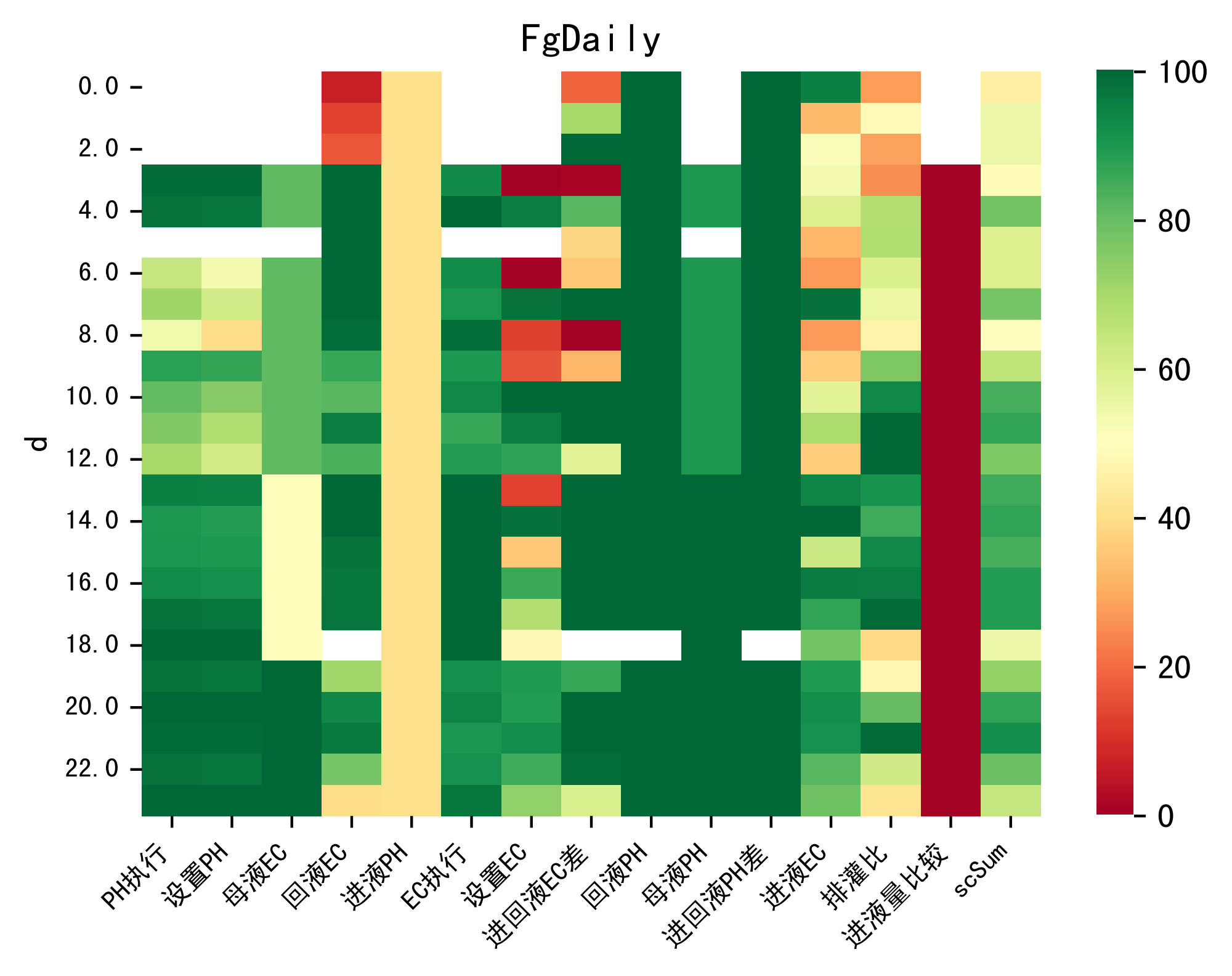

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3250
3000
2750
2500
2250
2000
1750
1500
0
5
10
15
20
d


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

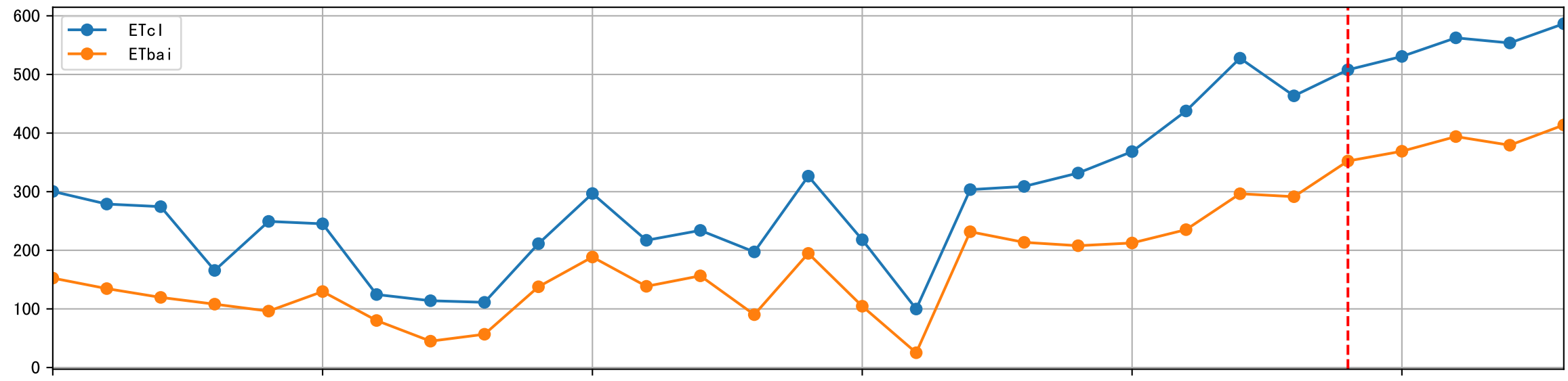

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
6.4
6.2
6.0
5.8
5.6
PHC
PHI
Warning: col ['FVIPH'] is missing
0
5
10
15
20
d

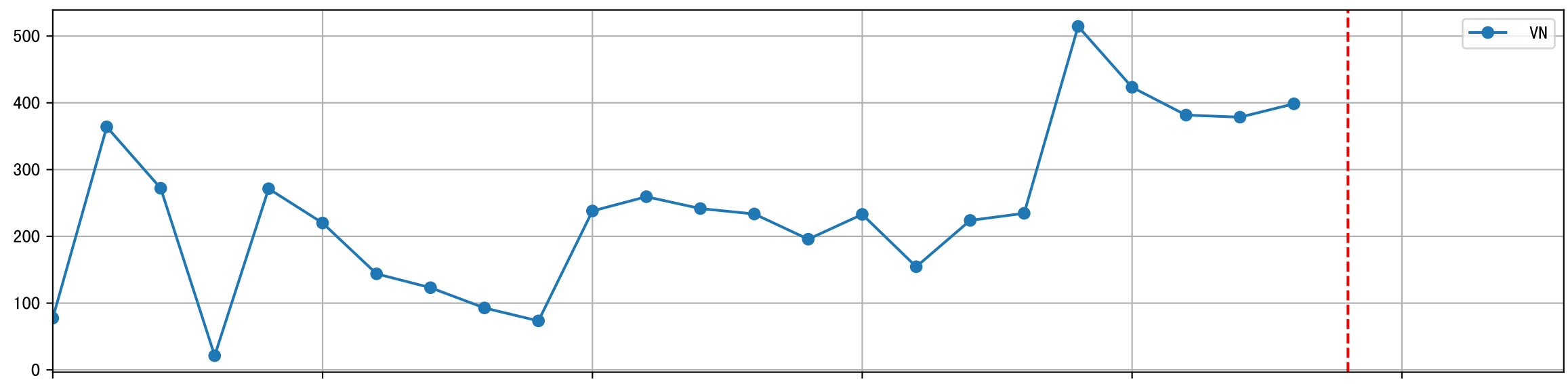

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
6.8
6.7
6.6
6.5
6.4
6.3
6.2
Warning: col ['FVOPH'] is missing
0
5
10
15
20
d

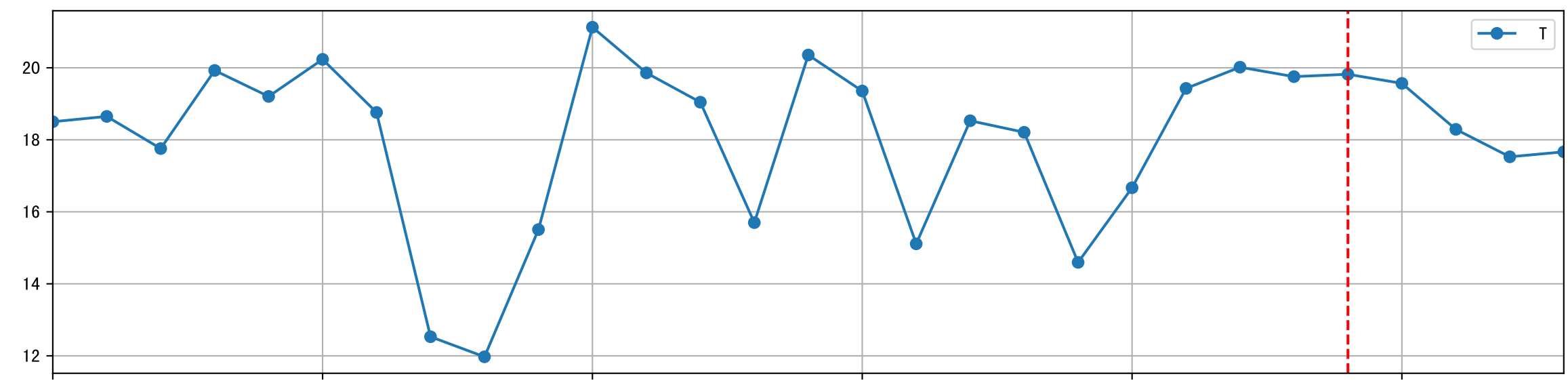

Trend plot forP3_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRC
FRraw
FR
Warning: col ['FRA'] is missing
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

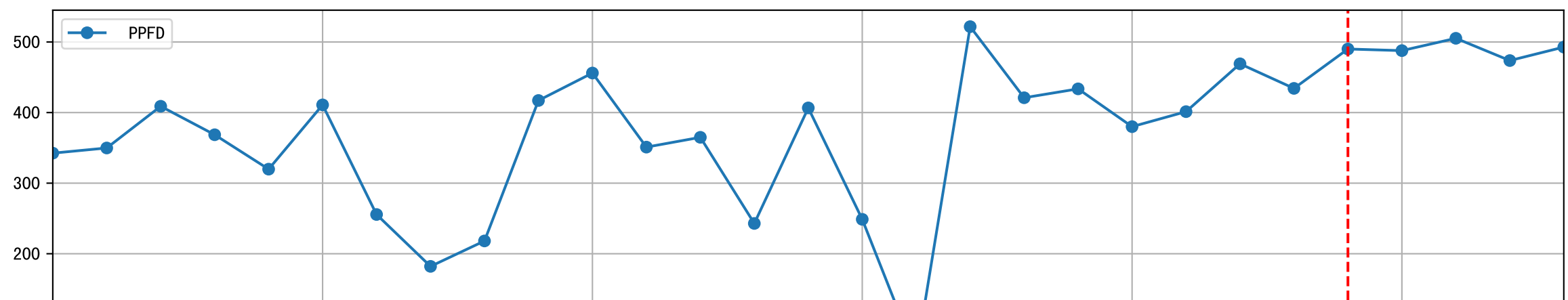

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
100
80
60
40
20
0
PH执行
设置PH
母液EC
回液EC
进液PH
EC执行
设置EC
进回液EC差
回液PH
母液PH
进回液PH差
进液EC
排灌比
进液量比较
scSum

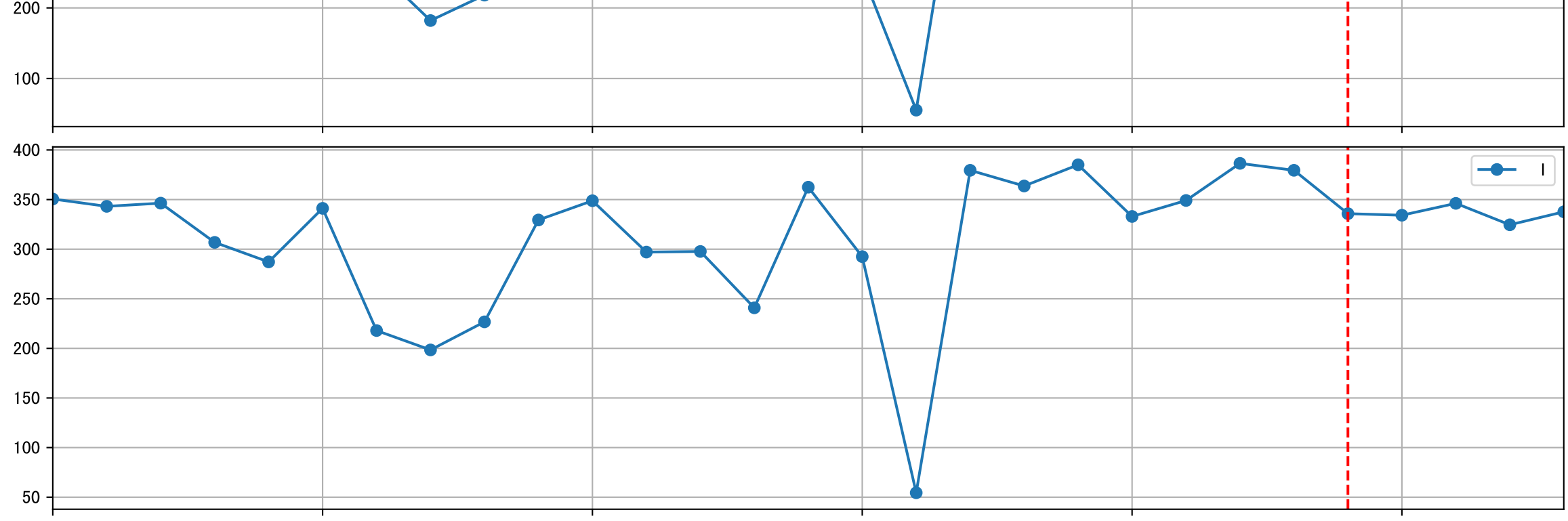
P3_0

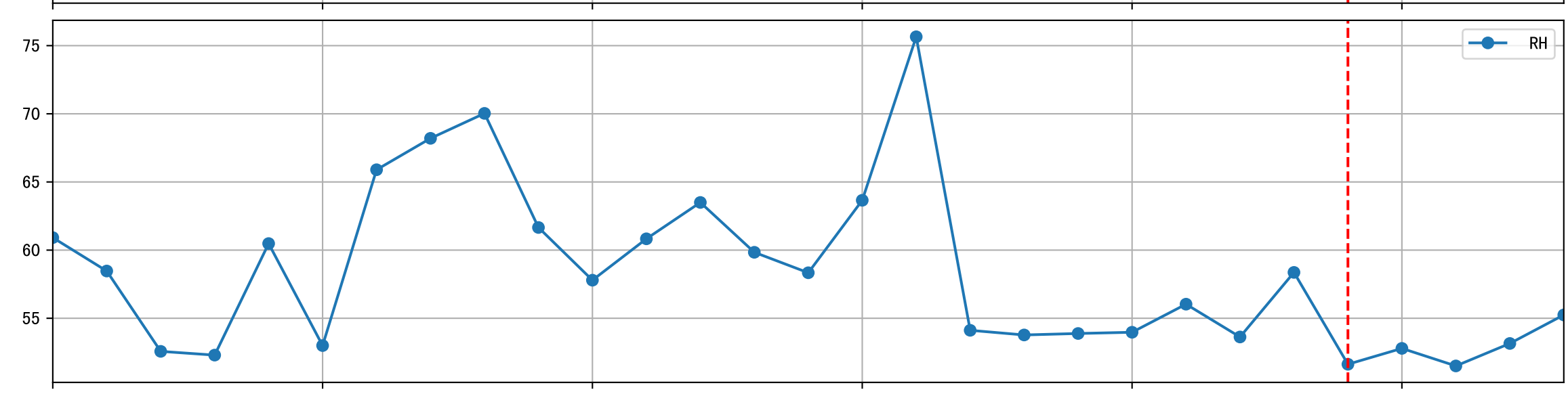


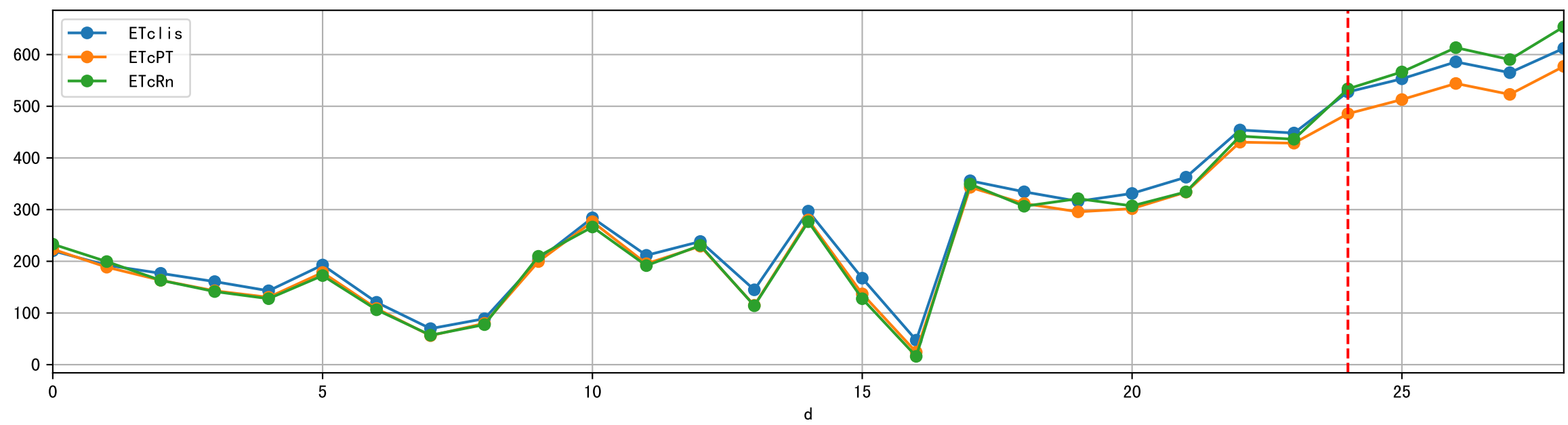


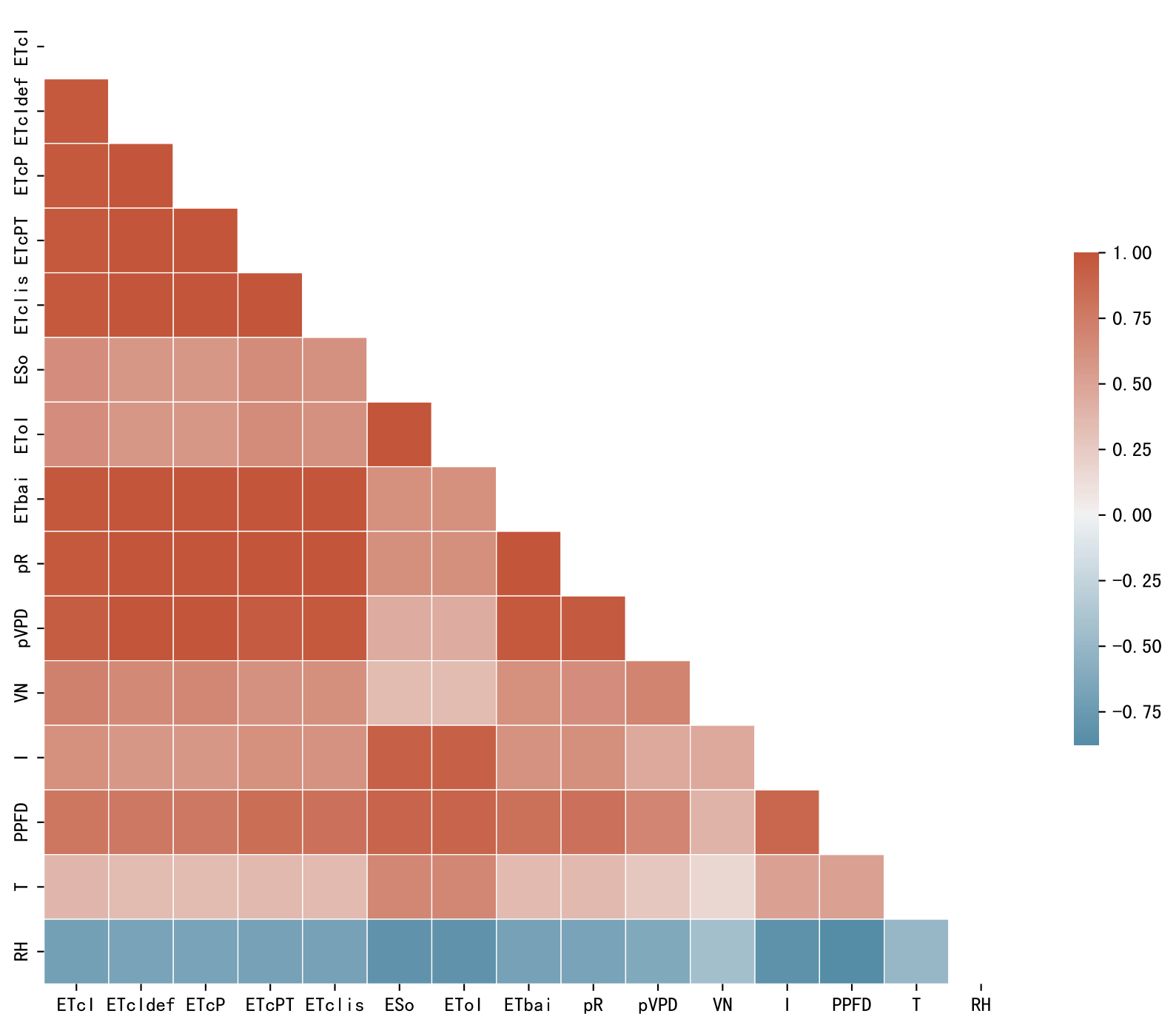


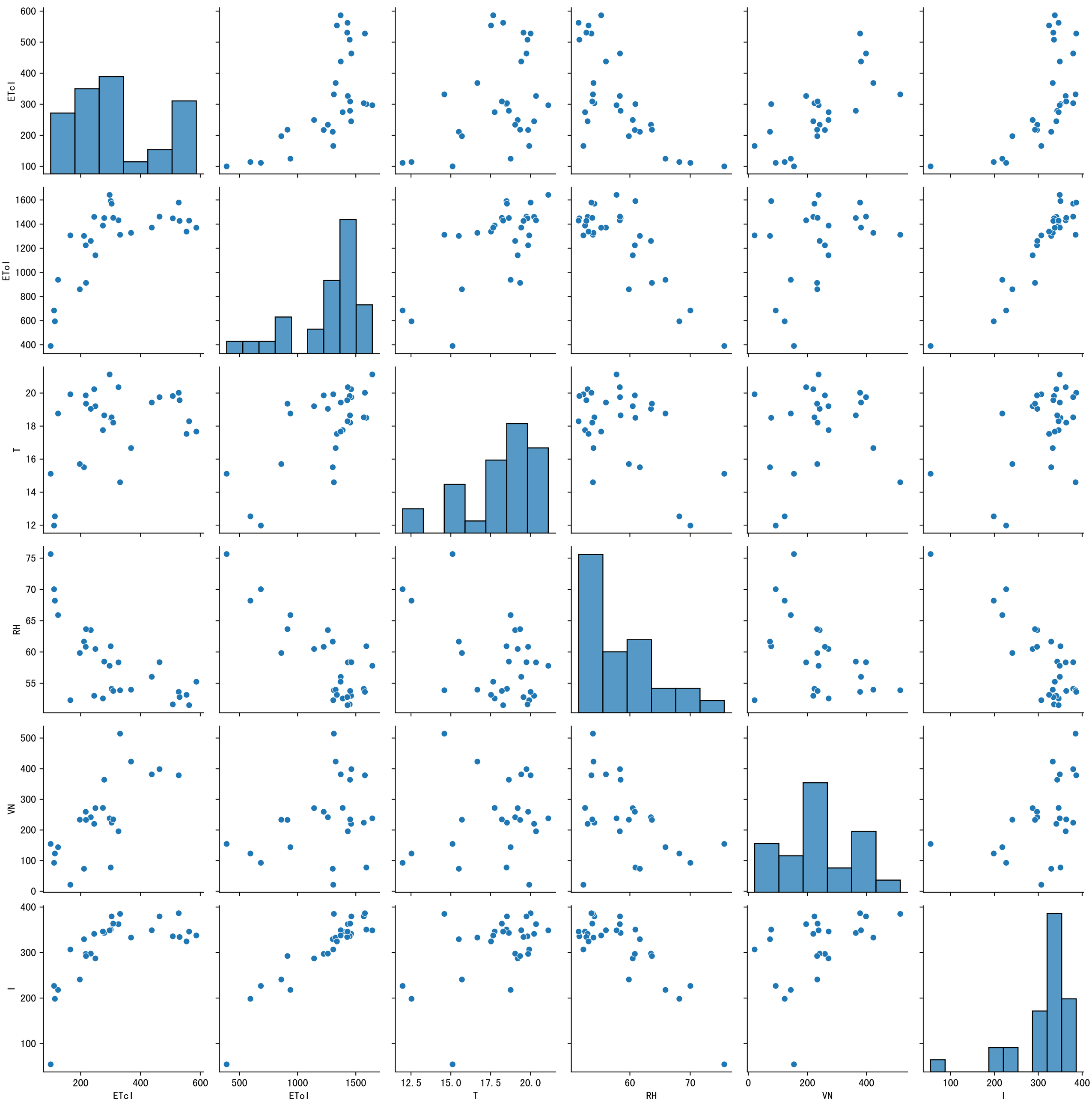


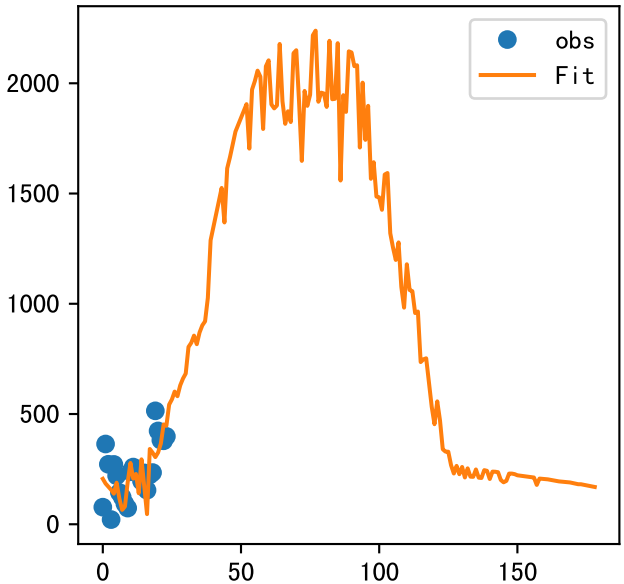


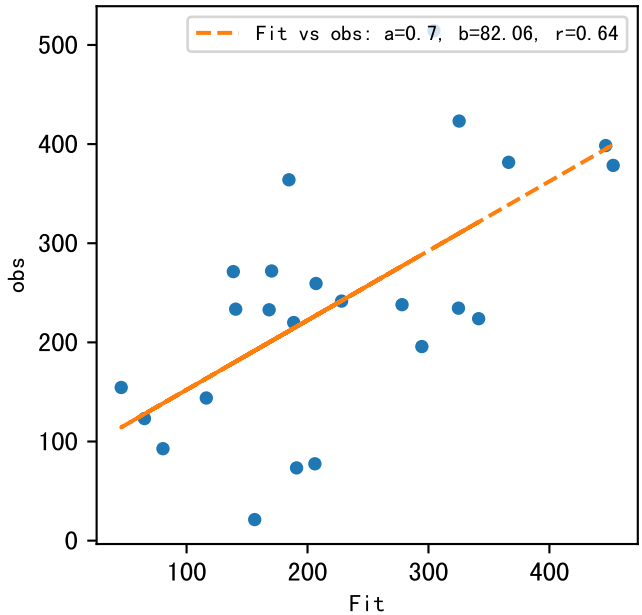




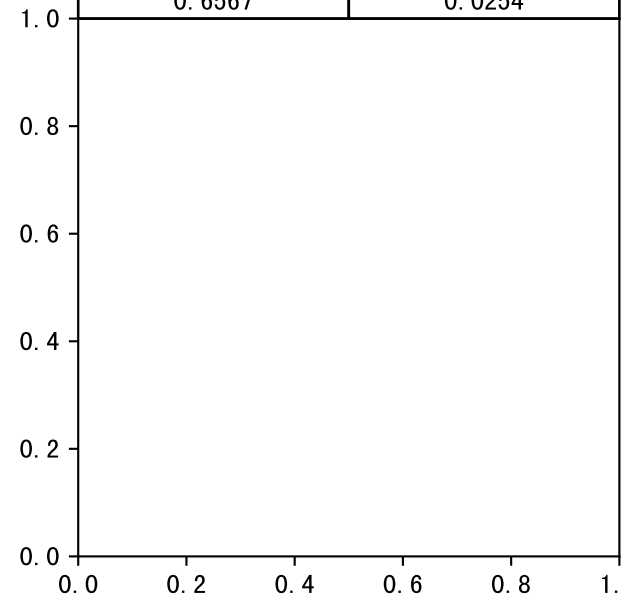

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

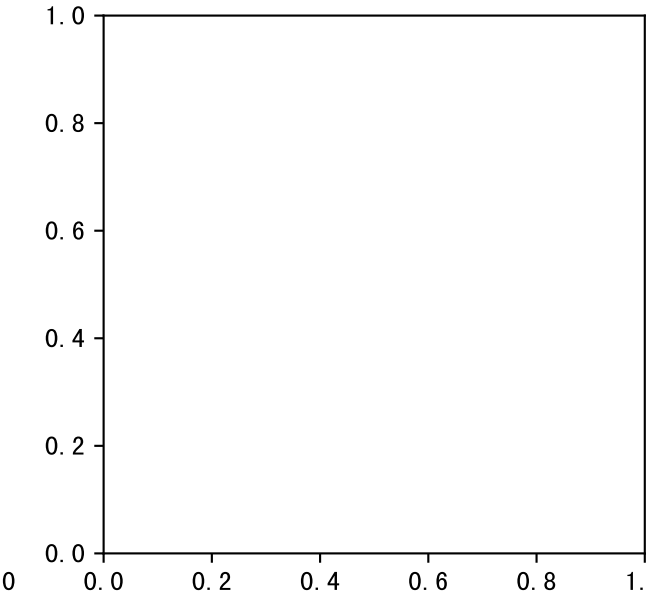

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

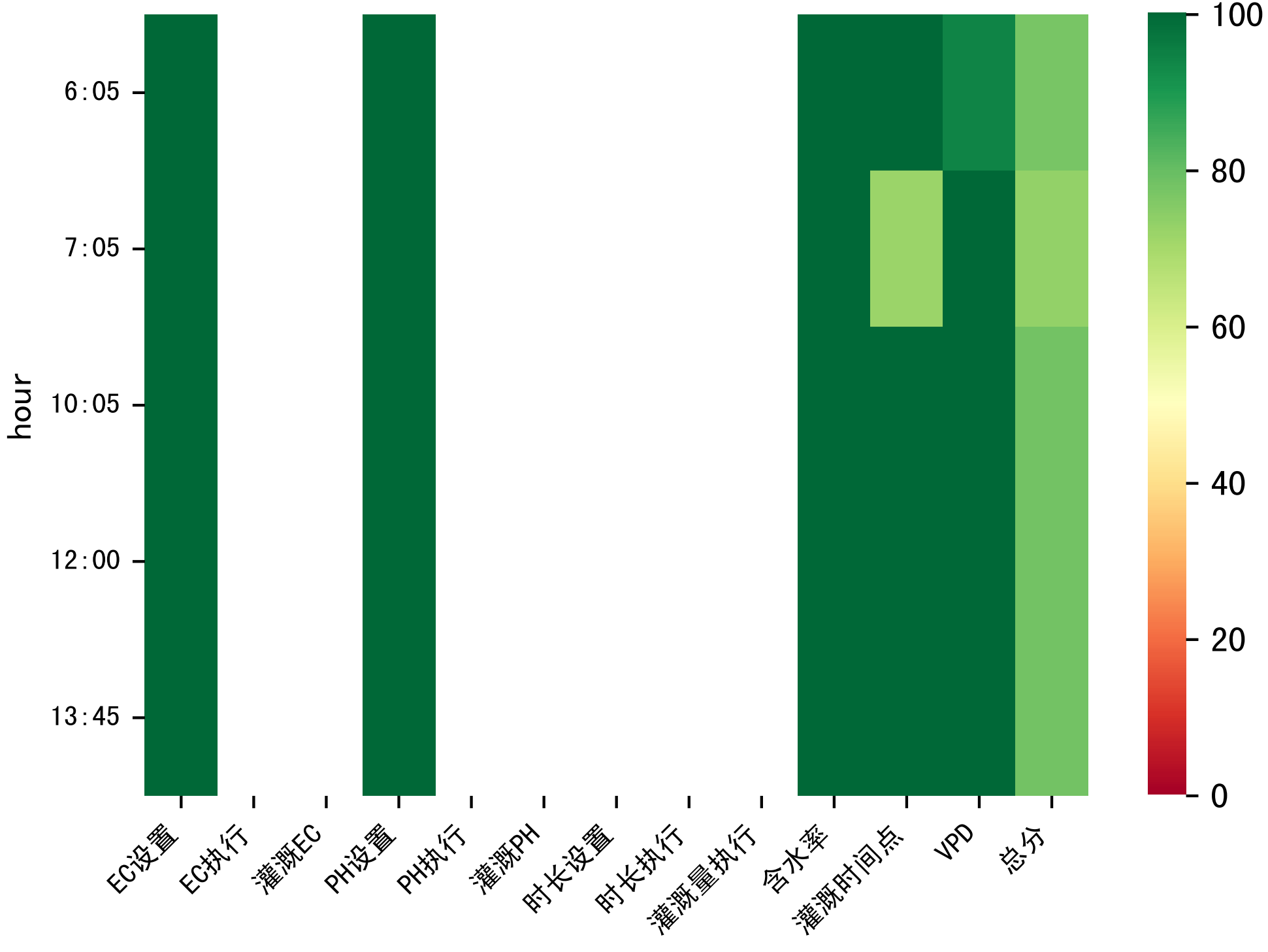




baiA	baiB
0.6567	0.0254



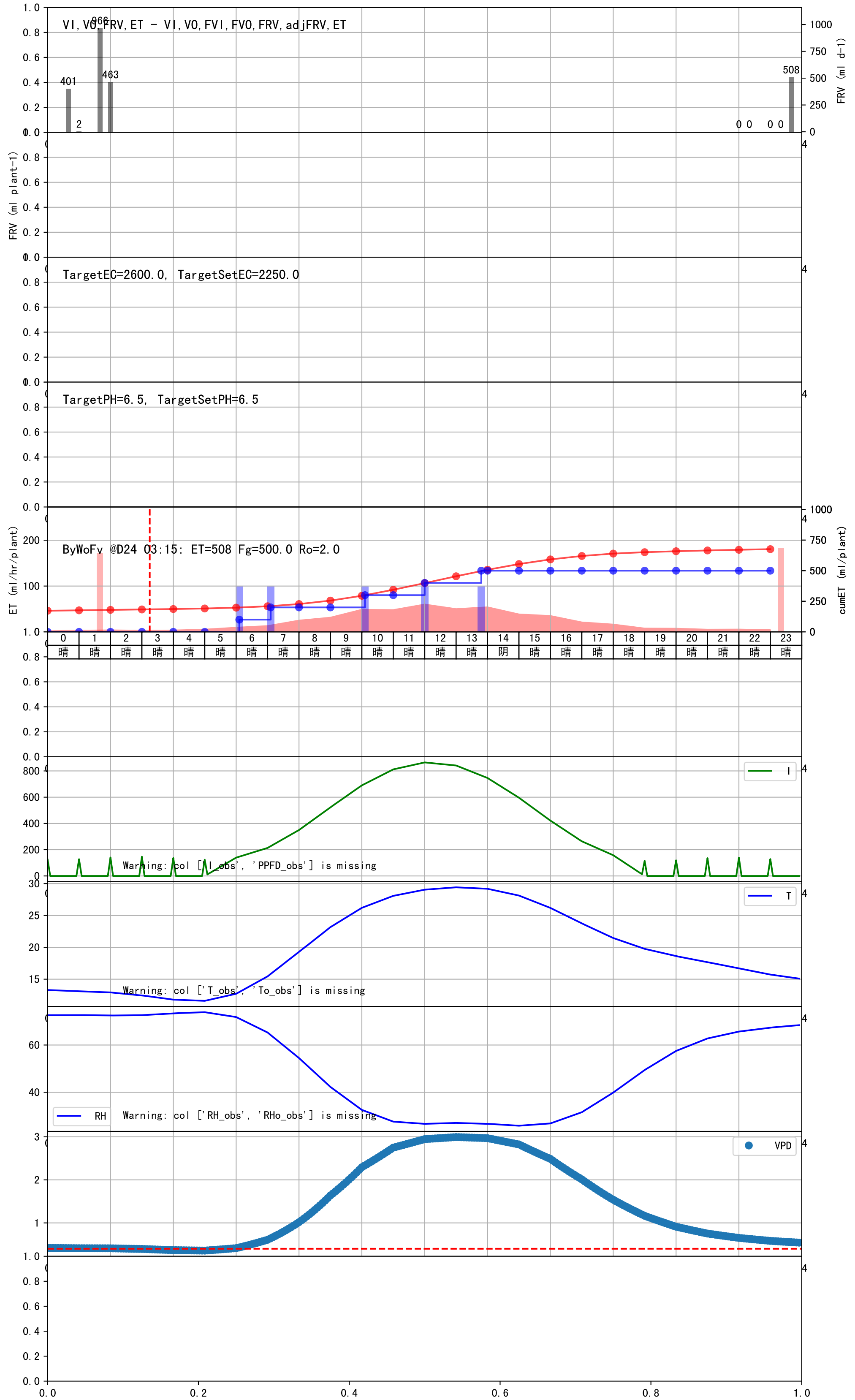


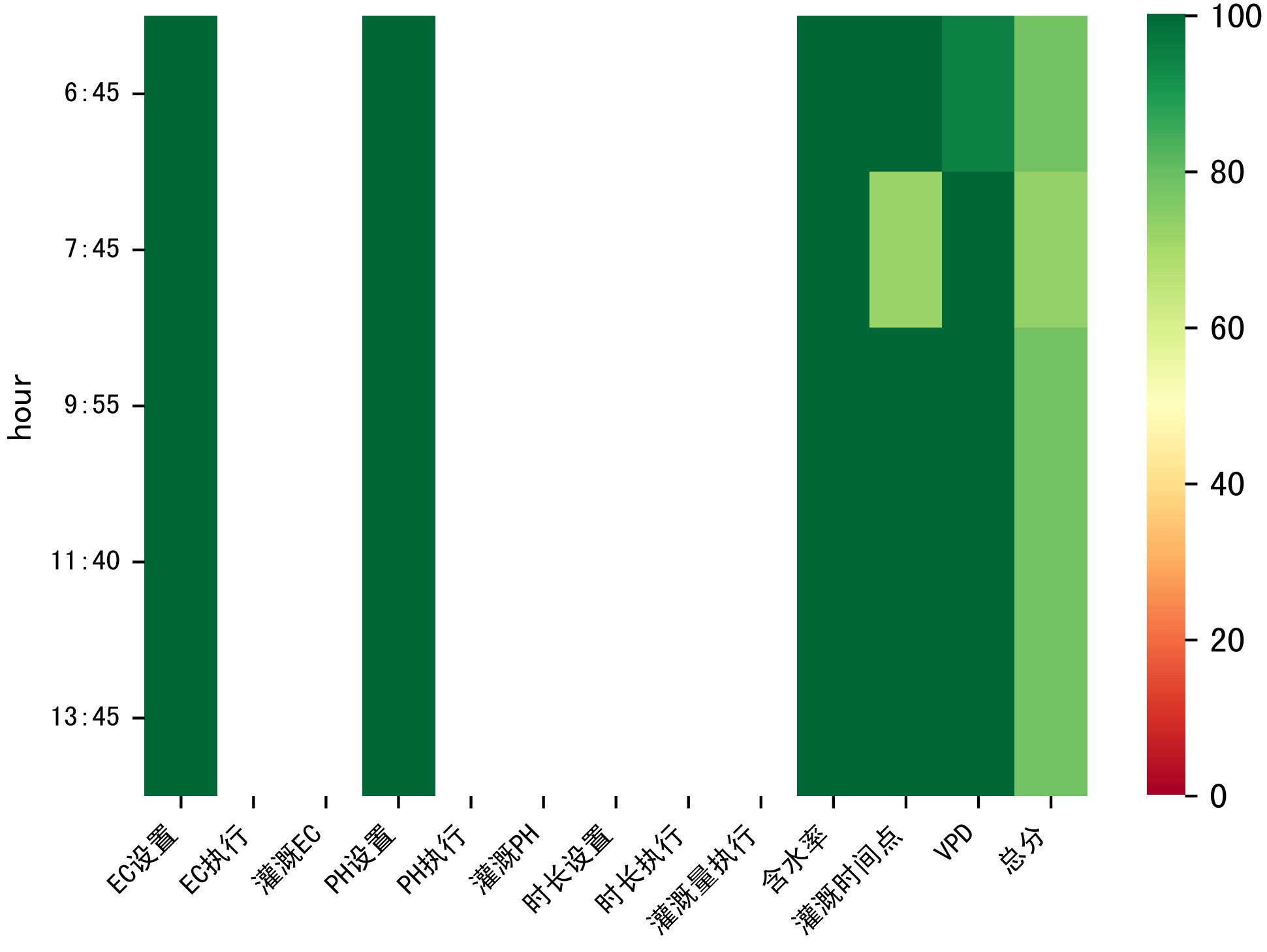

hour
6:05
7:05
10:05
12:00
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:05	238	100.0	晴	预期@06:05 未知程序（未用传感器）
07:05	238	100.0	晴	预期@07:05 未知程序（未用传感器）
10:05	238	100.0	晴	预期@10:05 未知程序（未用传感器）
12:00	238	100.0	晴	预期@12:00 未知程序（未用传感器）
13:45	238	100.0	晴	预期@13:45 未知程序（未用传感器）
总计	1190.0 (5次)	500.0		建议进液EC：2250.0， PH：6.5

进回液EC差(2859.0 vs 3794.0)偏高

P3_0, Day=24 (2025-04-29)



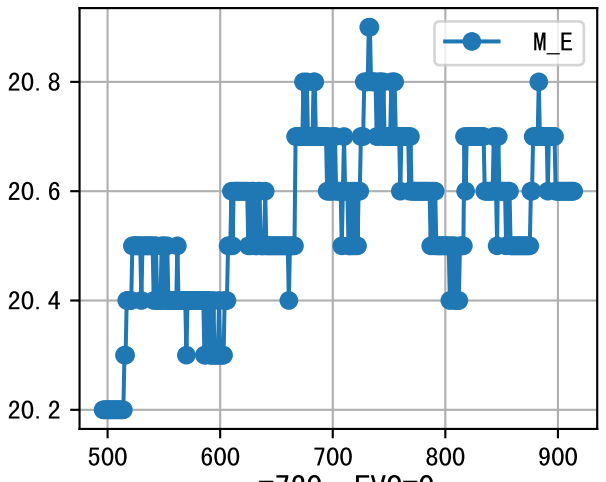

hour
6:45
7:45
9:55
11:40
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:45	160	100.0	晴	假设@06:45 手动（未用传感器）
07:45	160	100.0	晴	假设@07:45 手动（未用传感器）
09:55	160	100.0	晴	假设@09:55 手动（未用传感器）
11:40	160	100.0	晴	假设@11:40 手动（未用传感器）
13:45	160	100.0	晴	假设@13:45 手动（未用传感器）
总计	800.0 (5次)	500.0		建议进液EC：2480.0， PH：6.5

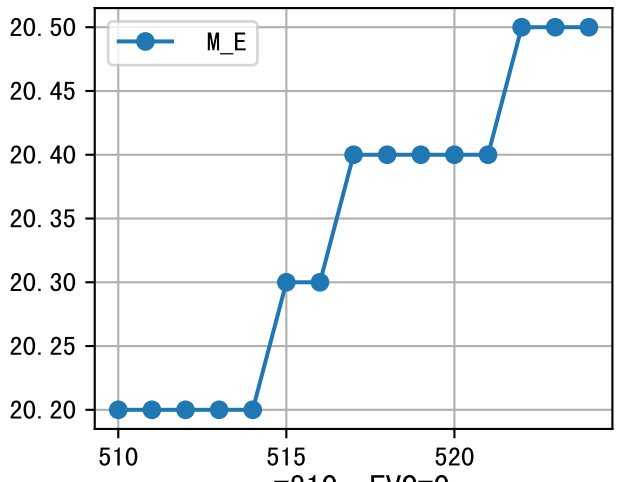
滴头平均流速偏大（1.06），请检查
施肥机灌溉量与预期值不符 (162.0 : 67.0)，可能水表需要校准
上次灌溉时长未按模型建议(160 vs 238.0))
默认实际灌溉67.0 ml.
large discrepency for begining water status (144:288.0), set to 173.0 ml.

P3_0, Day=23 (2025-04-28)

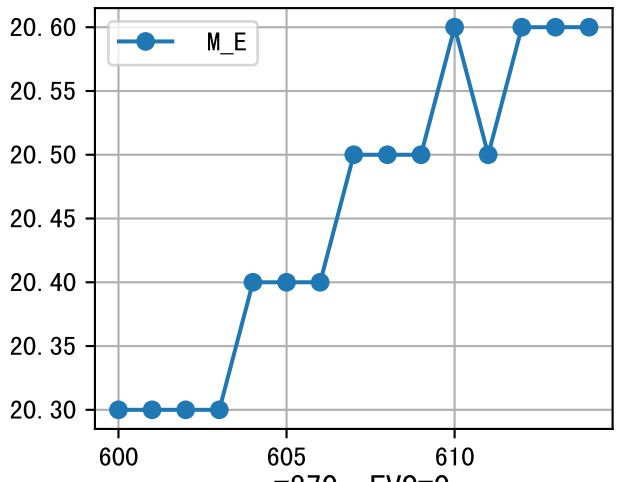
m=510, FV0=0



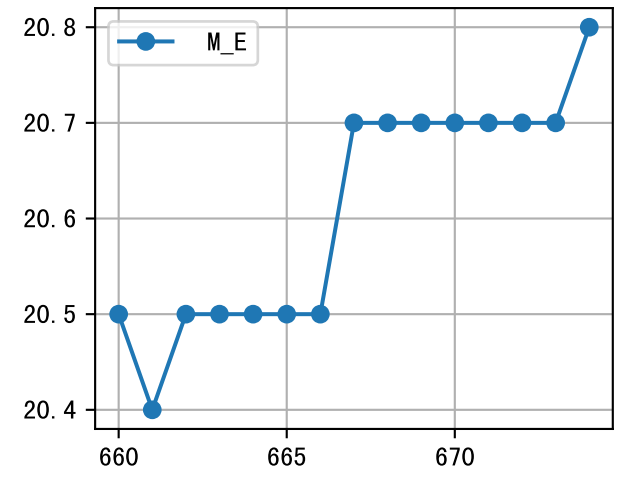
m=600, FV0=0



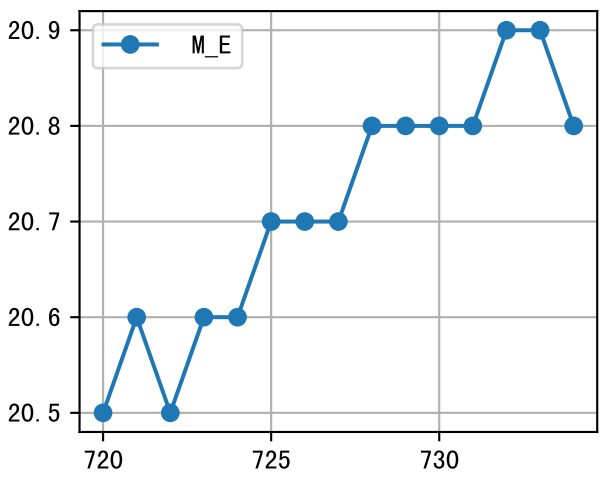
m=660, FV0=0



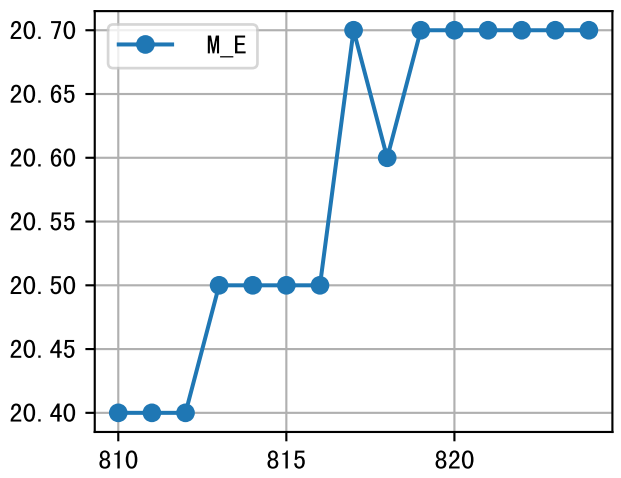
m=720, FV0=0



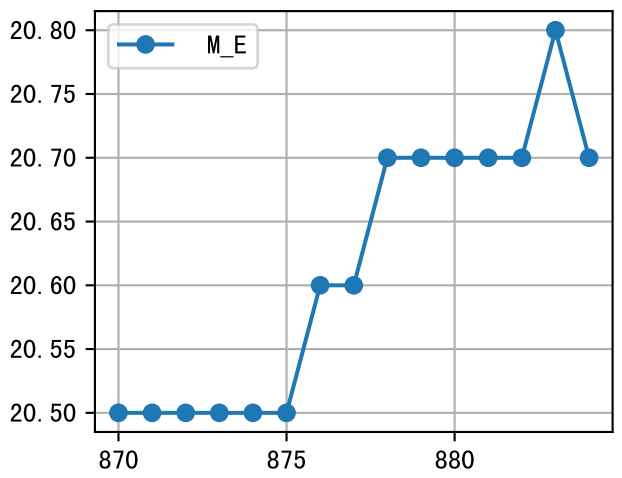
m=810, FV0=0



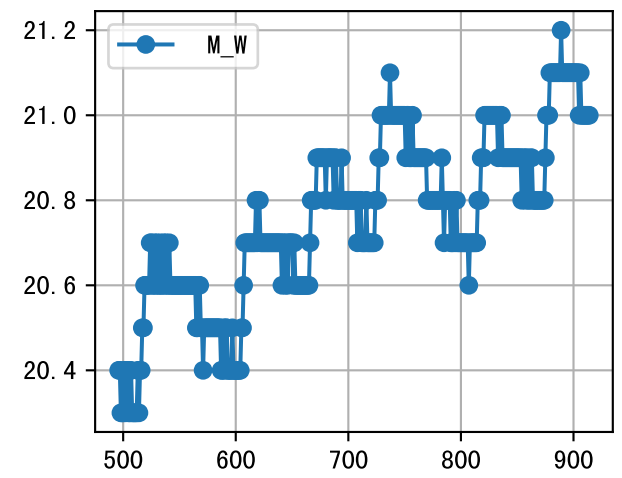
m=870, FV0=0



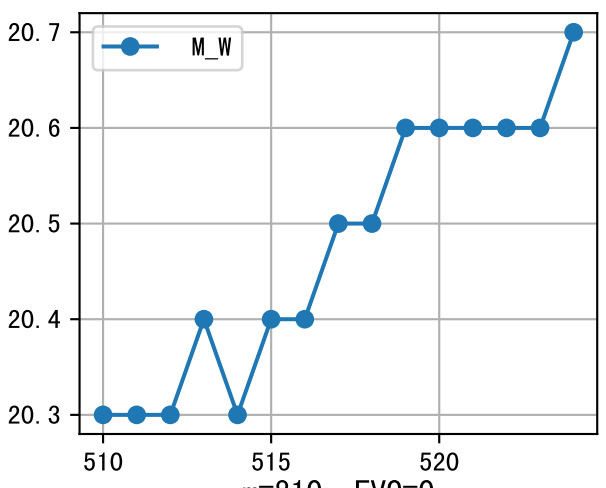
m=510, FV0=0



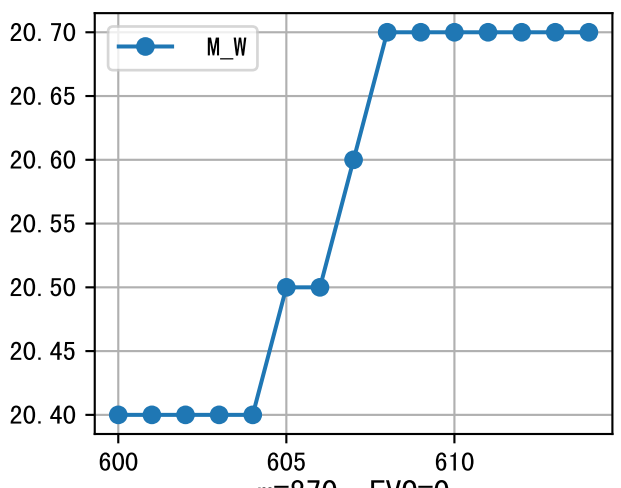
m=660, FV0=0



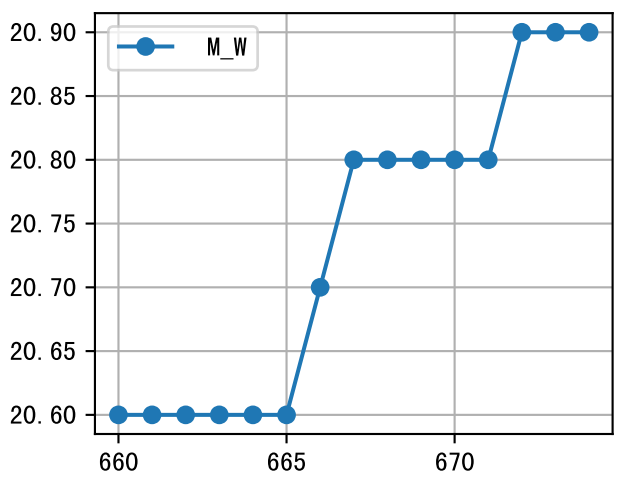
m=720, FV0=0

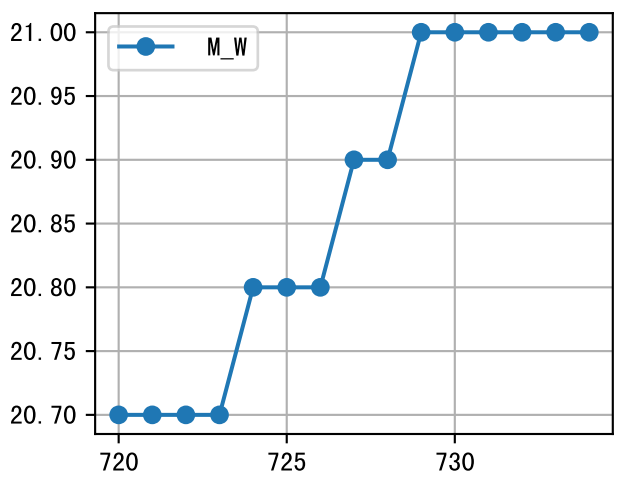


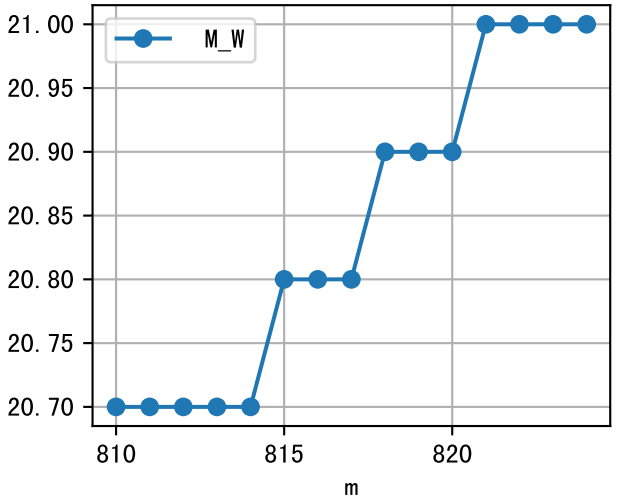
m=810, FV0=0

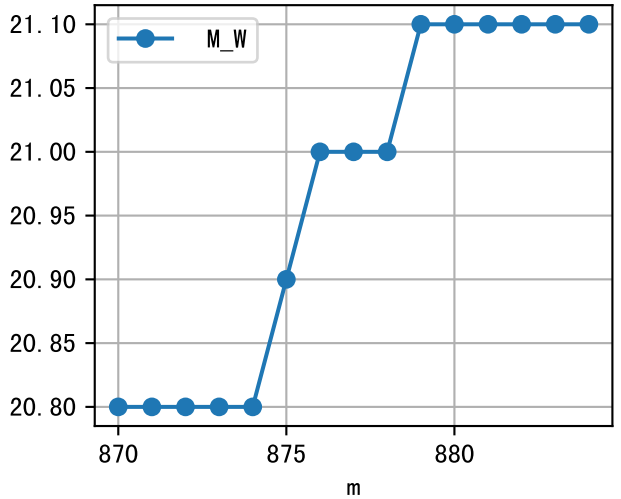


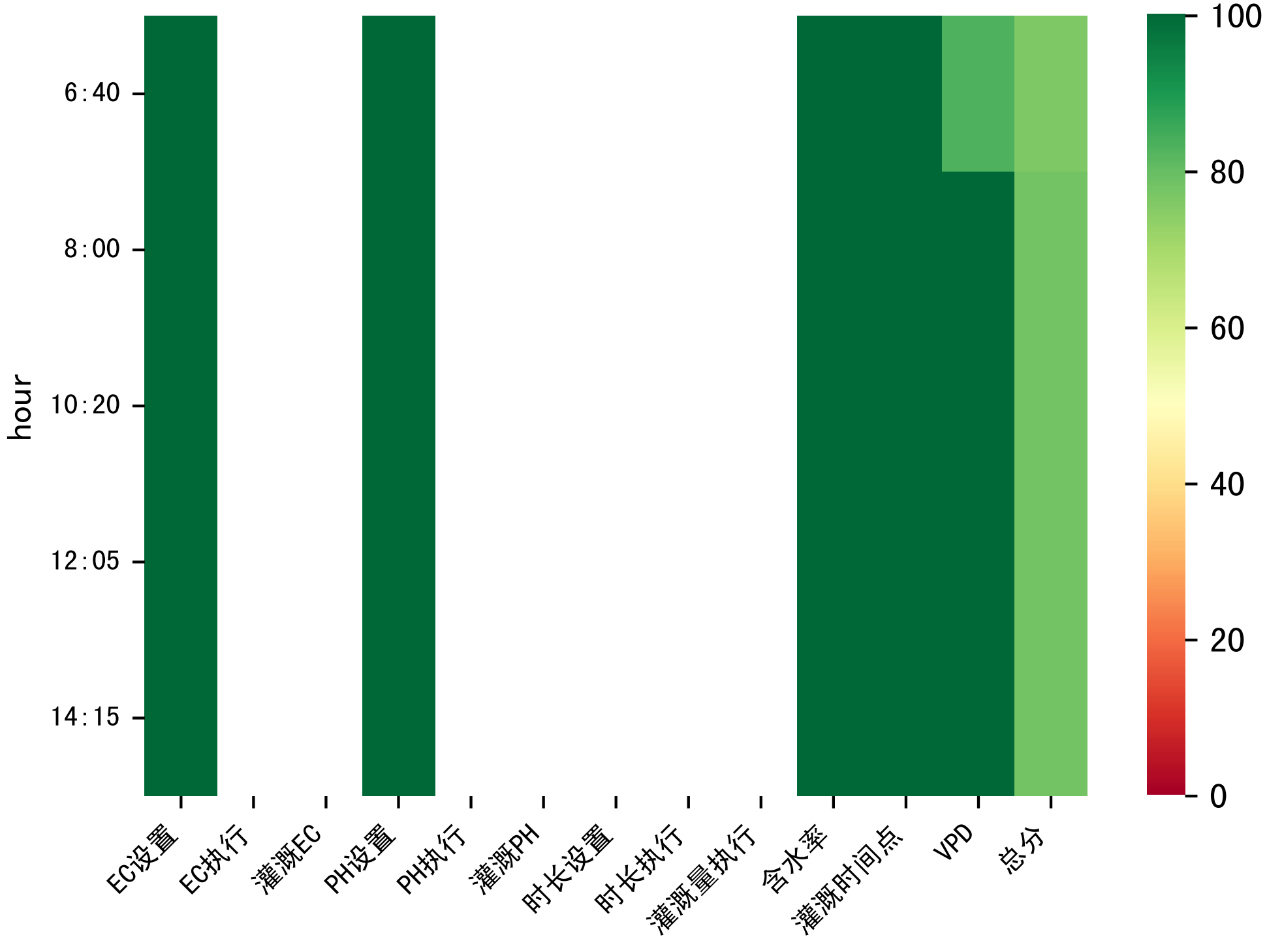
m=870, FV0=0







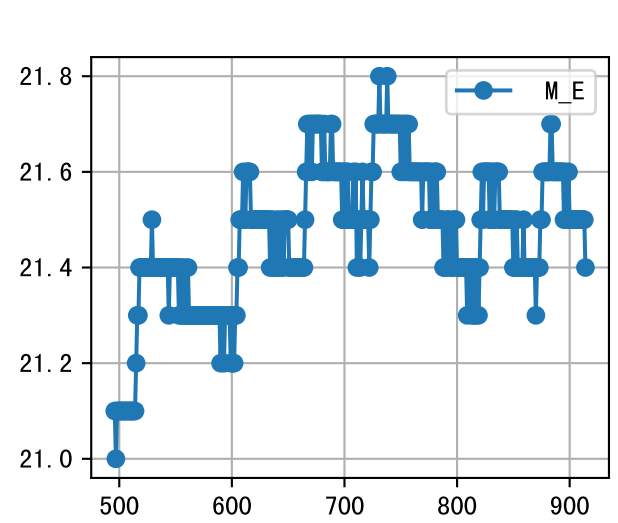


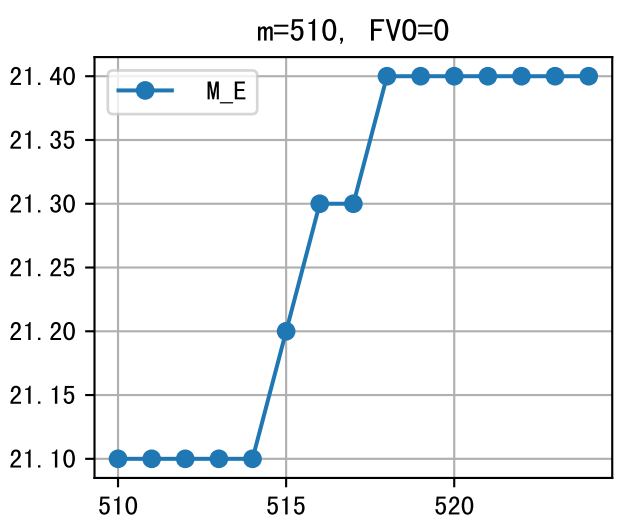

hour
6:40
8:00
10:20
12:05
14:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

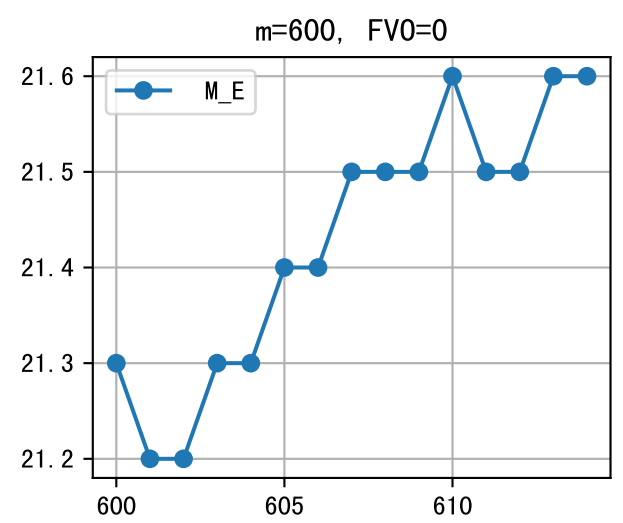
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:40	160	100.0	晴	假设@06:40 手动（未用传感器）
08:00	160	100.0	晴	假设@08:00 手动（未用传感器）
10:20	160	100.0	晴	假设@10:20 手动（未用传感器）
12:05	160	100.0	晴	假设@12:05 手动（未用传感器）
14:15	160	100.0	晴	假设@14:15 手动（未用传感器）
总计	800.0 (5次)	500.0		建议进液EC：2375.0， PH：6.5

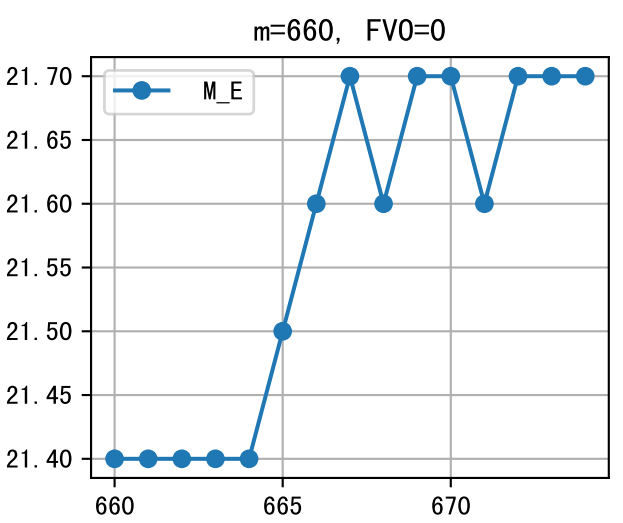
滴头平均流速偏大（1.07），请检查
施肥机灌溉量与预期值不符 (162.0 : 67.0)，可能水表需要校准
上次灌溉时长未按模型建议(160 vs 238.0))
默认实际灌溉67.0 ml.
large discrepency for begining water status (129:261.0), set to 155.0 ml.

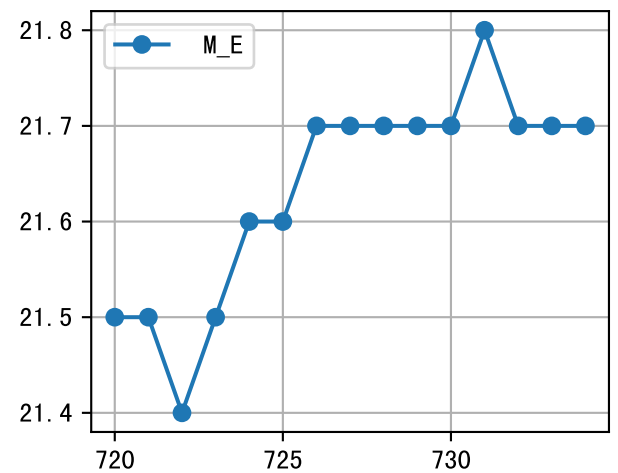
P3_0, Day=22 (2025-04-27)

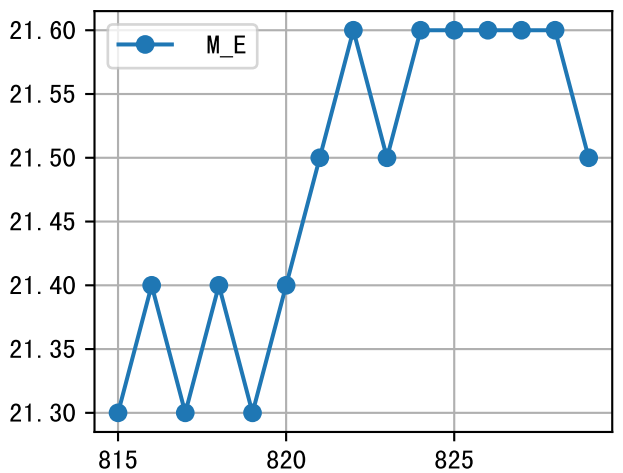

M_E

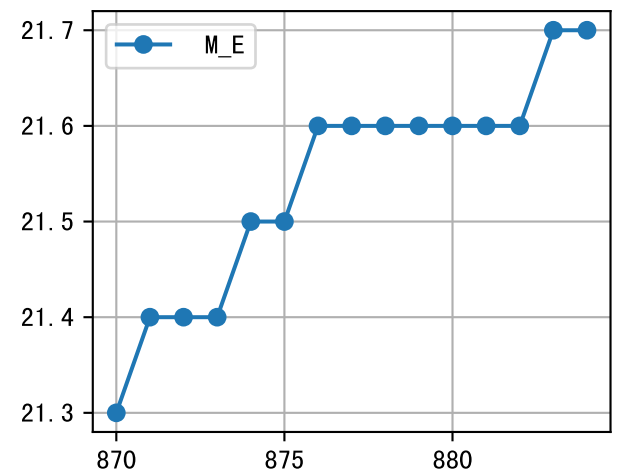

m=510, FV0=0
M_E

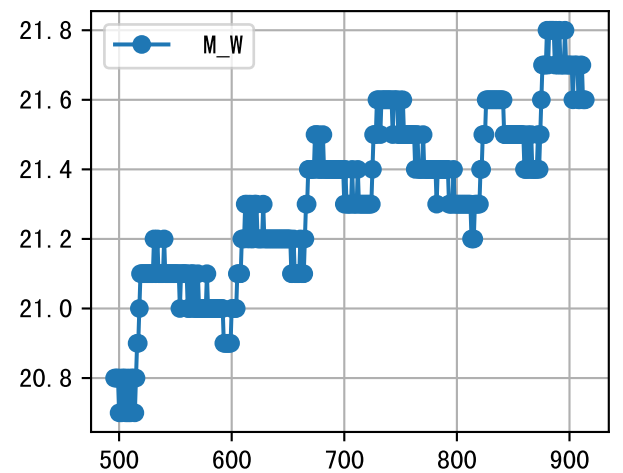

m=600, FV0=0
M_E

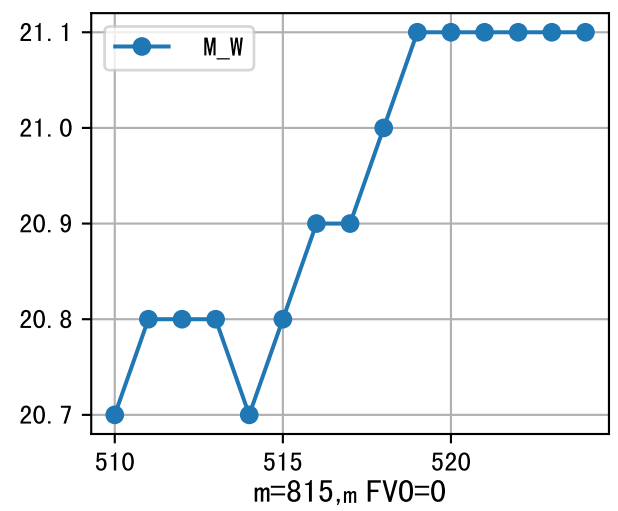

m=660, FV0=0
M_E

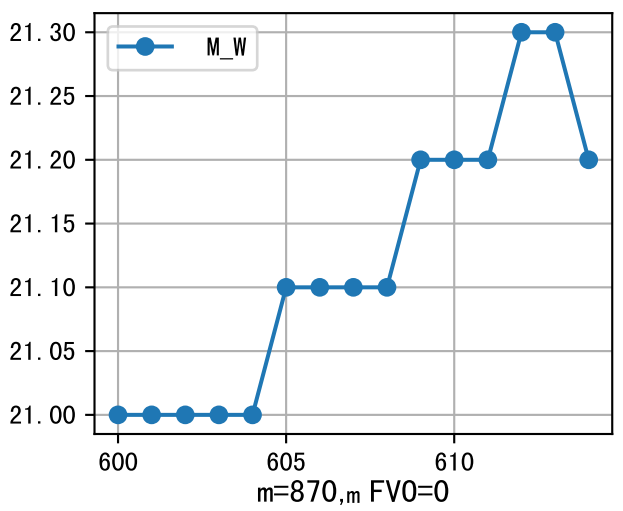

m=720,m FV0=0
M_E

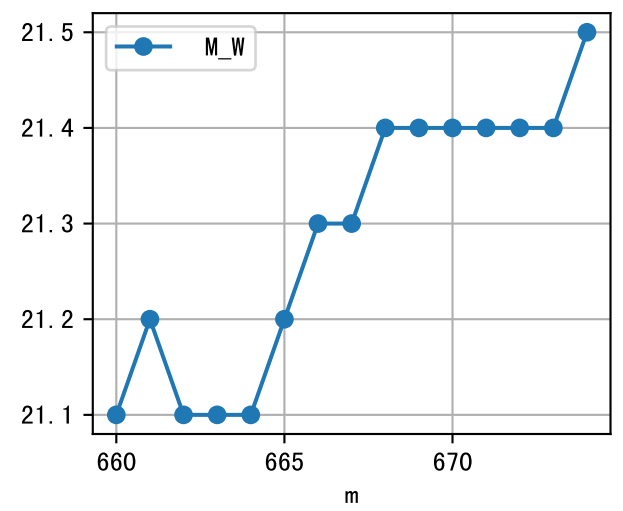

m=815,m FV0=0
M_E

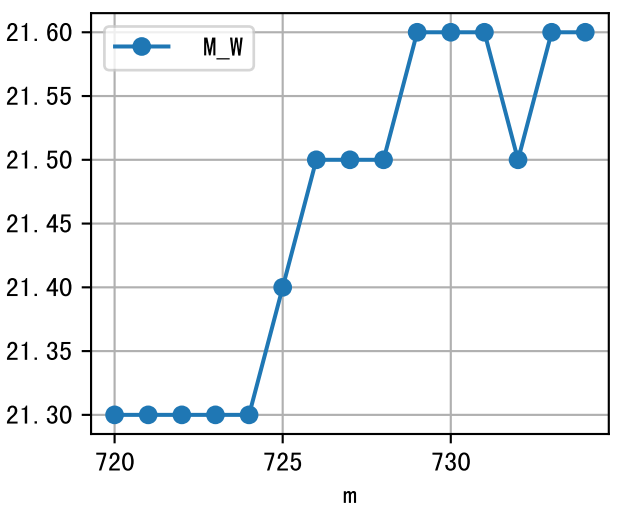

m=870,m FV0=0
M_E

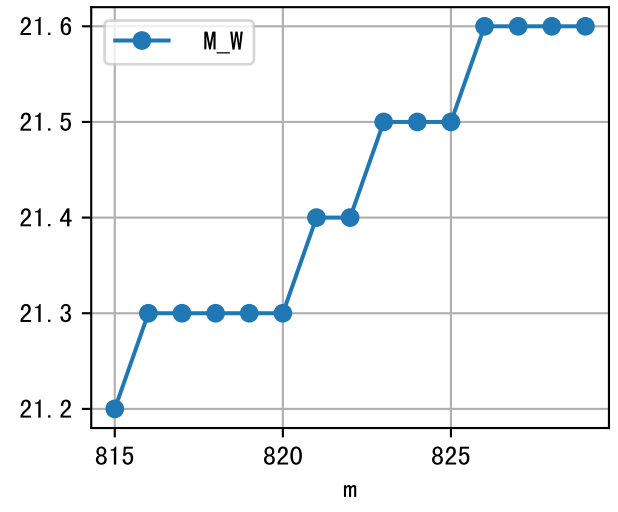

M_W

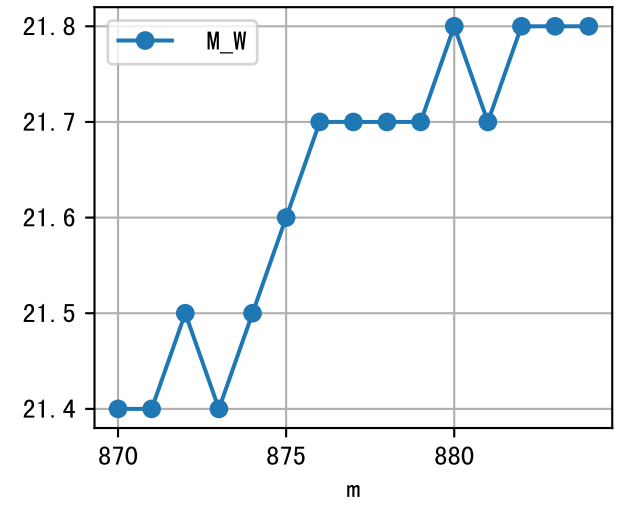

M_W
m=510,m FV0=0

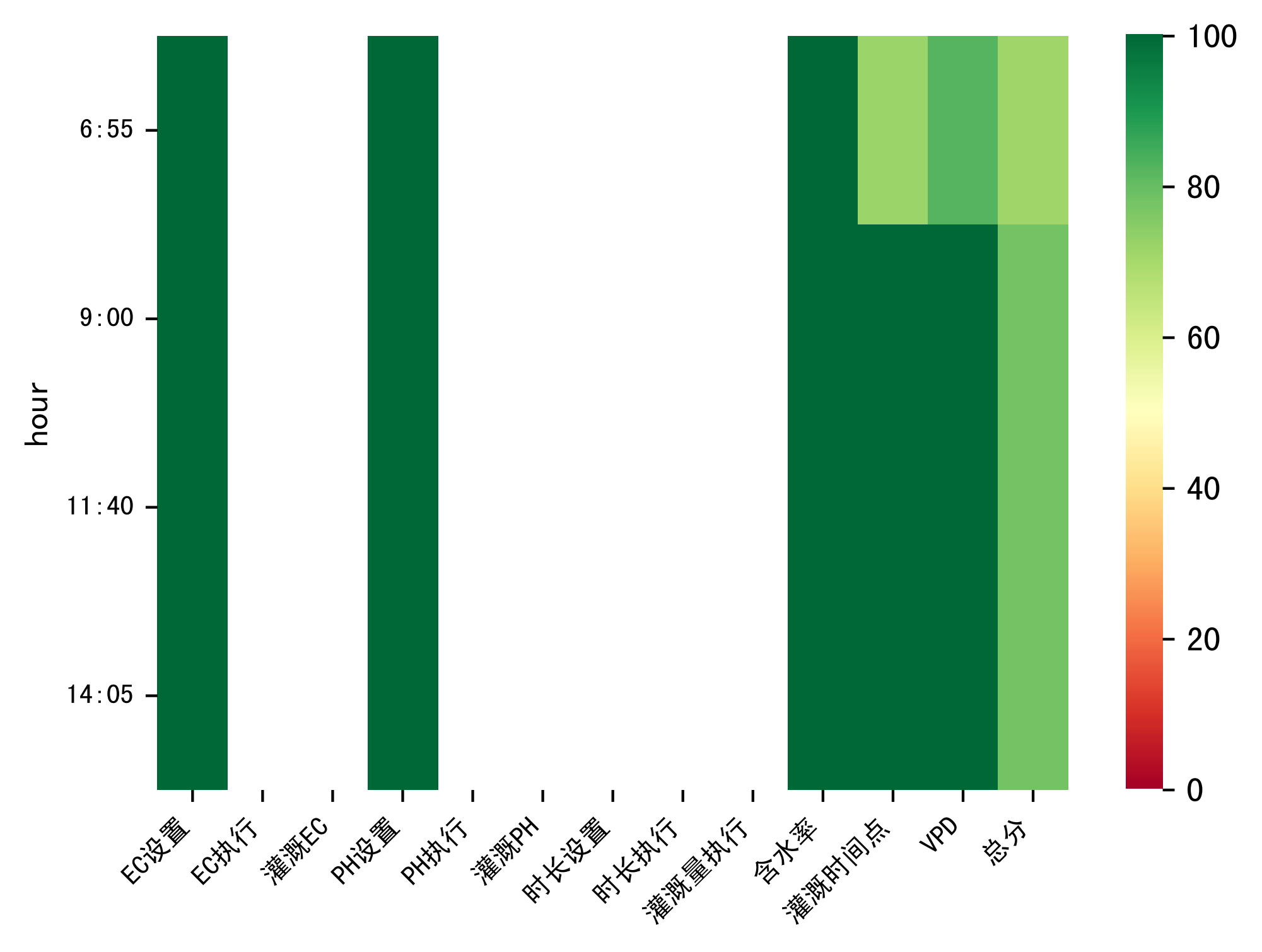

M_W
m=600,m FV0=0


M_W
m=660,m FV0=0
m


M_W
m=720,m FV0=0
m


M_W
m=815,m FV0=0
m

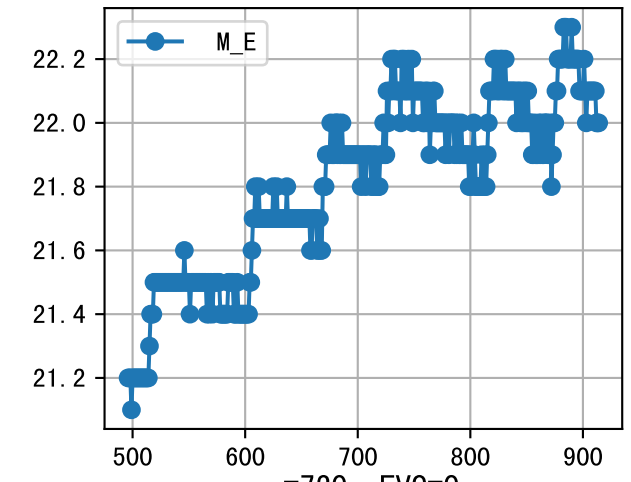

M_W
m=870,m FV0=0
m

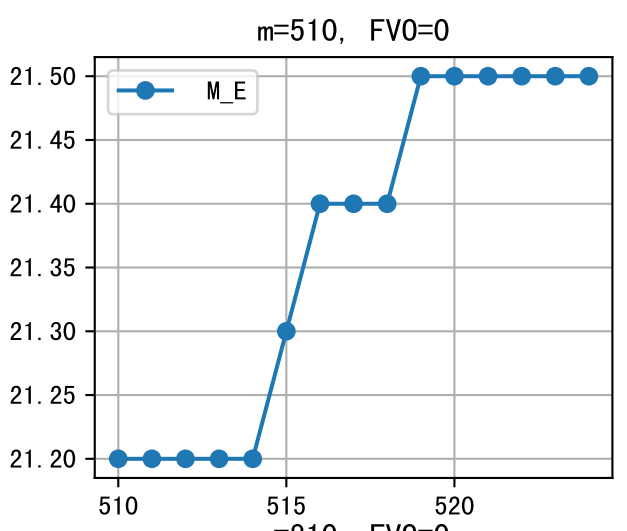

hour
6:55
9:00
11:40
14:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

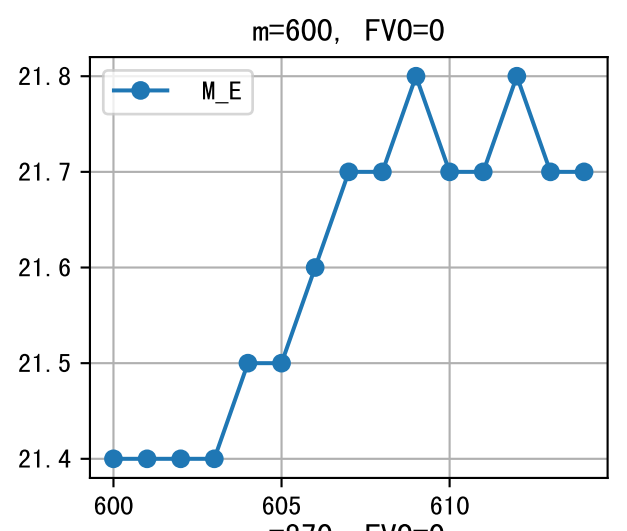
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:55	180	100.0	晴	假设@06:55 手动（未用传感器）
09:00	180	100.0	阴	假设@09:00 手动（未用传感器）
11:40	180	100.0	晴	假设@11:40 手动（未用传感器）
14:05	180	100.0	晴	假设@14:05 手动（未用传感器）
总计	720.0 (4次)	400.0		建议进液EC：2416.0， PH：6.5

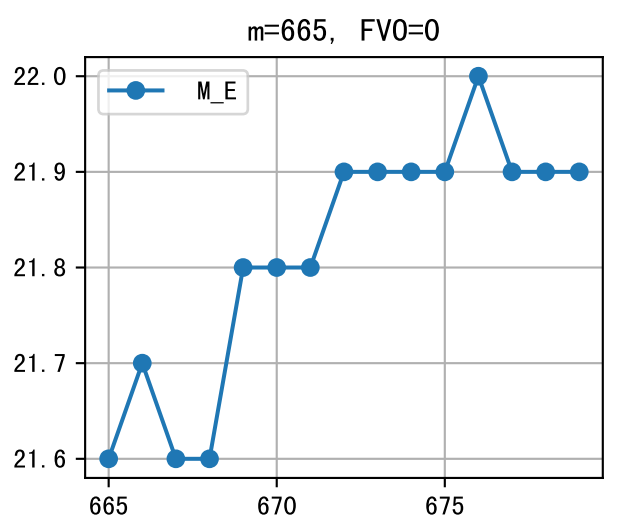
滴头平均流速偏大（1.08），请检查
施肥机灌溉量与预期值不符 (185.0 : 77.0)，可能水表需要校准
上次灌溉时长未按模型建议(180 vs 233.0))
默认实际灌溉77.0 ml.
large discrepency for begining water status (107:261.0), set to 138.0 ml.

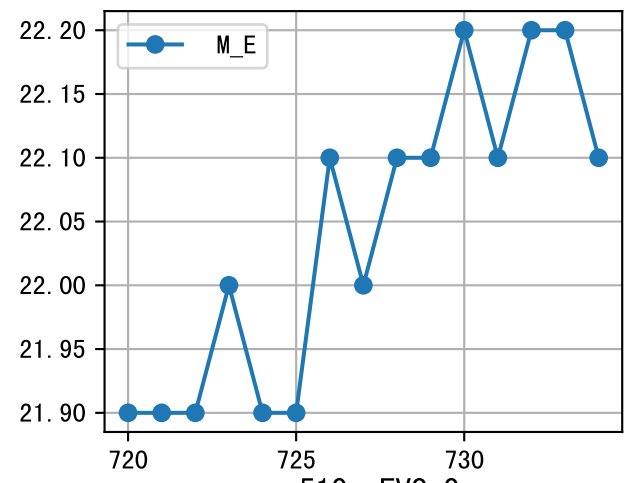
P3_0, Day=21 (2025-04-26)

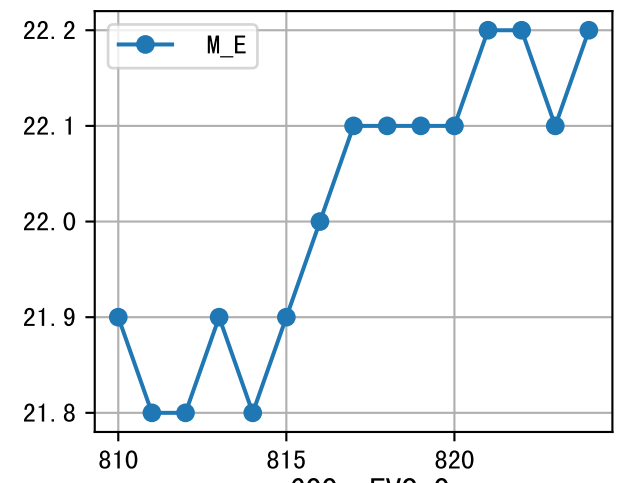

M_E

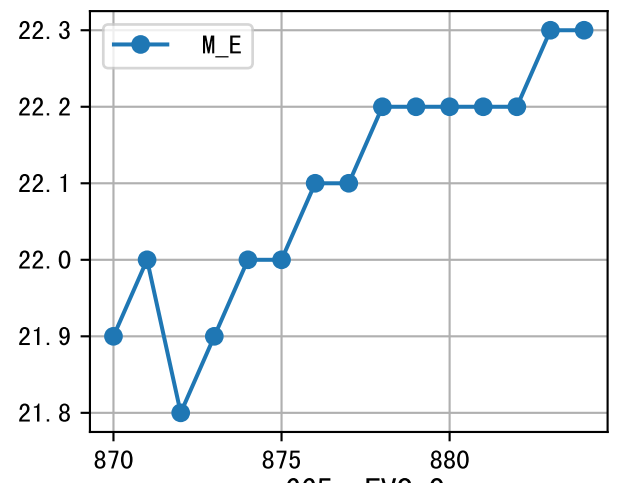

m=510, FV0=0
M_E

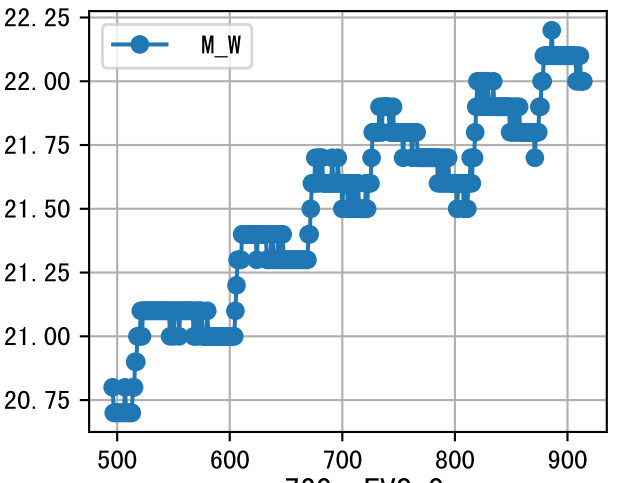

m=600, FV0=0
M_E

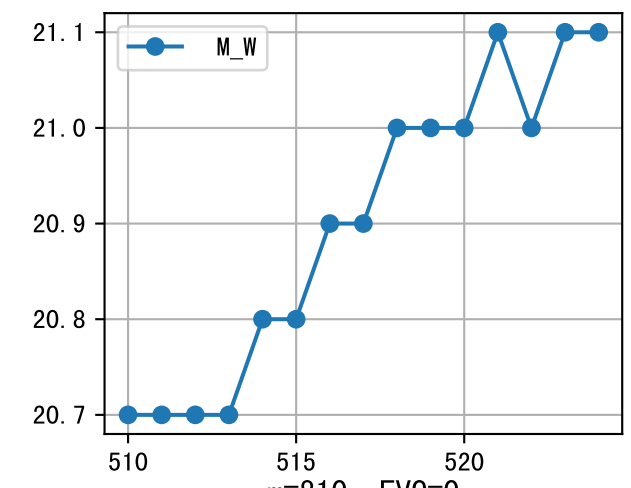

m=665, FV0=0
M_E

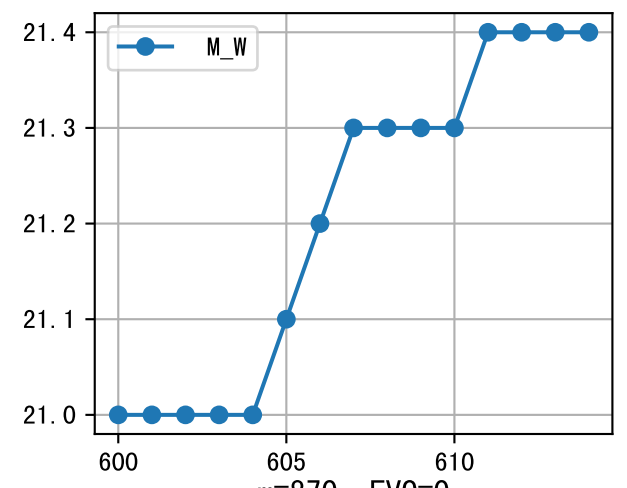

m=720,m FV0=0
M_E

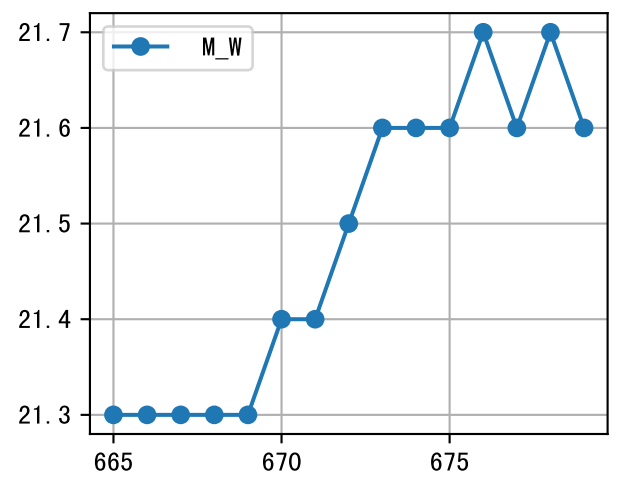

m=810,m FV0=0
M_E

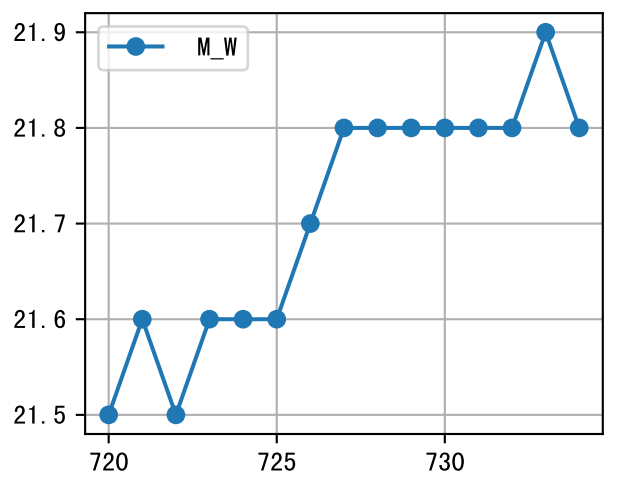

m=870,m FV0=0
M_E

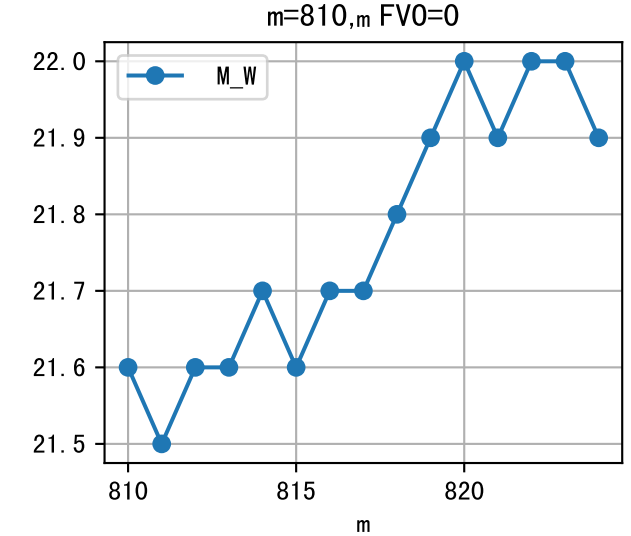

m
M_W

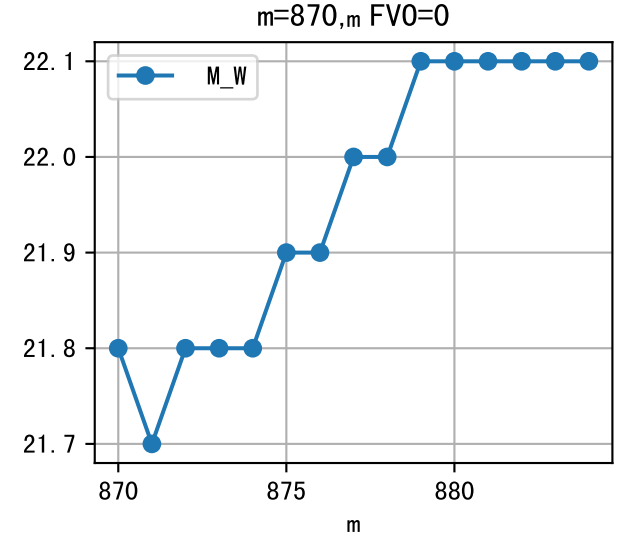

M_W

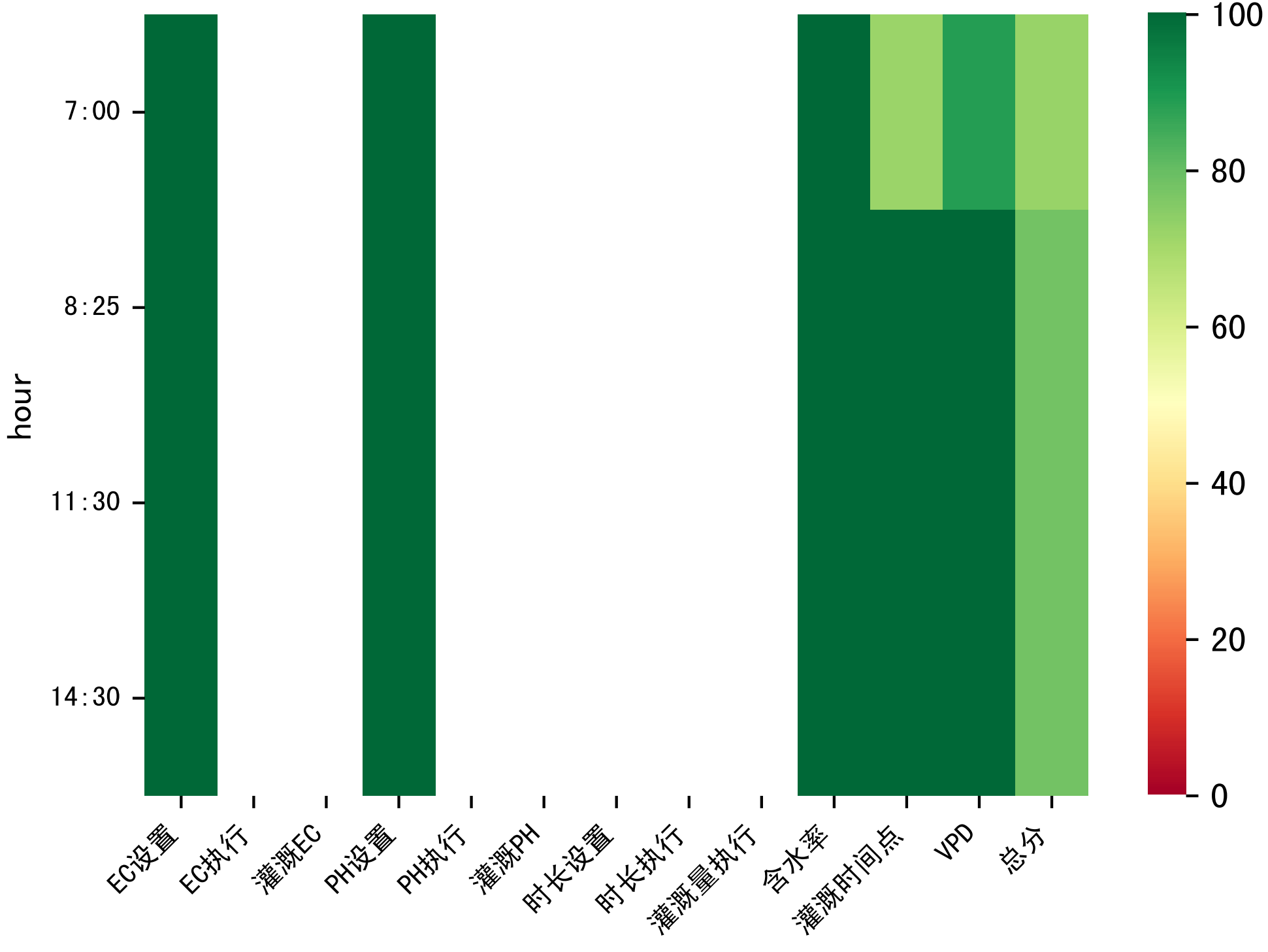

M_W


M_W
m


M_W
m


M_W
m

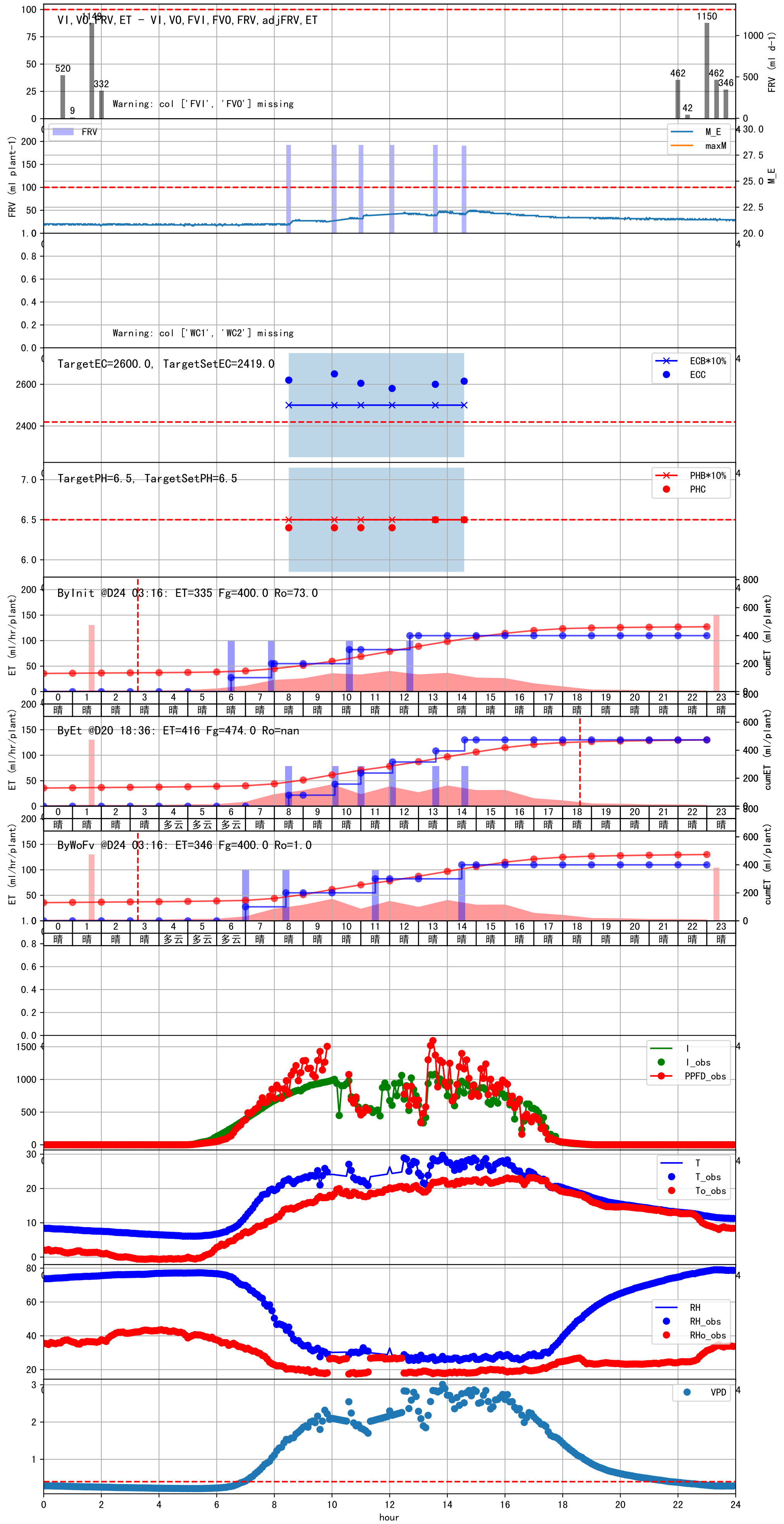

M_W
m

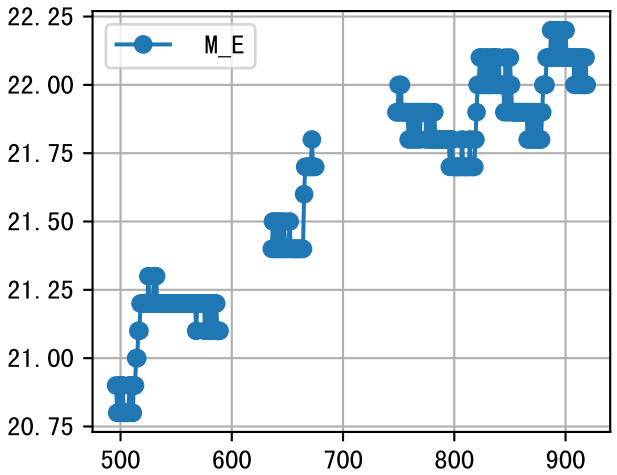

hour
7:00
8:25
11:30
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

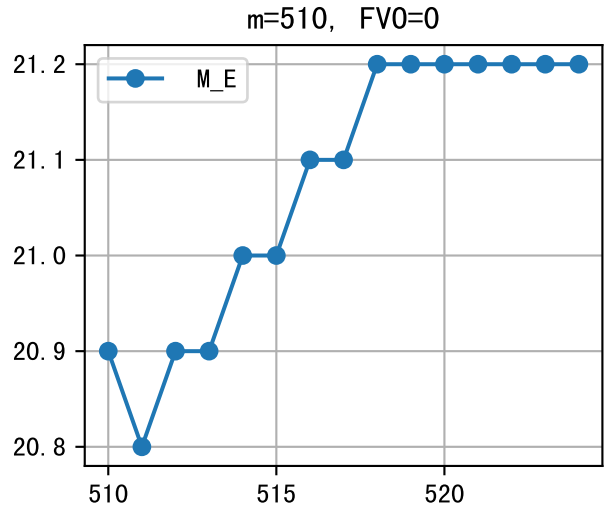
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:00	180	100.0	晴	假设@07:00 手动（未用传感器）
08:25	180	100.0	晴	假设@08:25 手动（未用传感器）
11:30	180	100.0	晴	假设@11:30 手动（未用传感器）
14:30	180	100.0	晴	假设@14:30 手动（未用传感器）
总计	720.0 (4次)	400.0		建议进液EC：2419.0， PH：6.5

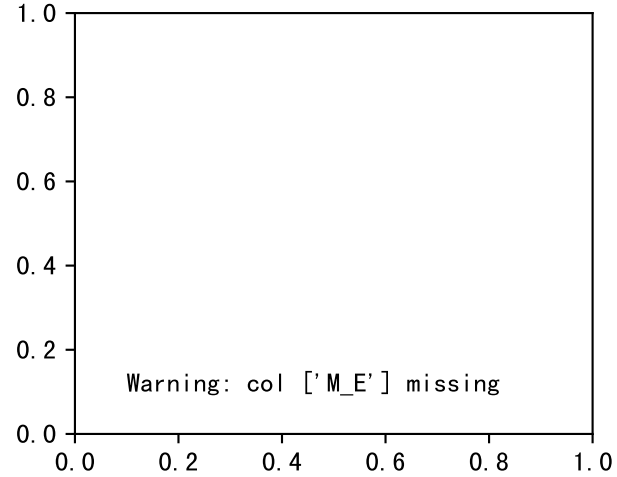
滴头平均流速偏大（1.08），请检查
施肥机灌溉量与预期值不符 (190.0 : 77.0)，可能水表需要校准
上次灌溉时长未按模型建议(180 vs 233.0))
默认实际灌溉77.0 ml.
large discrepency for begining water status (130:273.0), set to 158.0 ml.

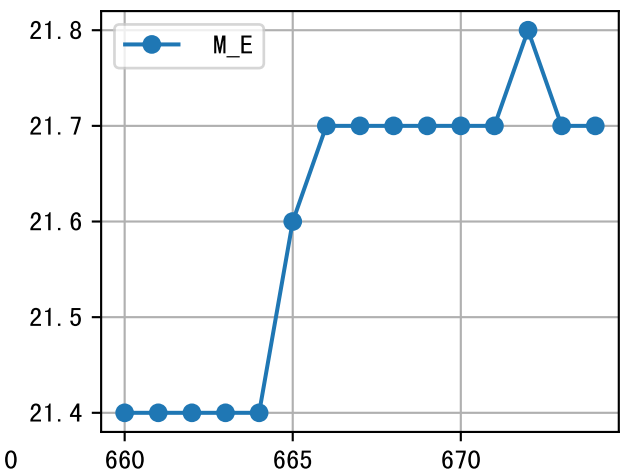
P3_0, Day=20 (2025-04-25)

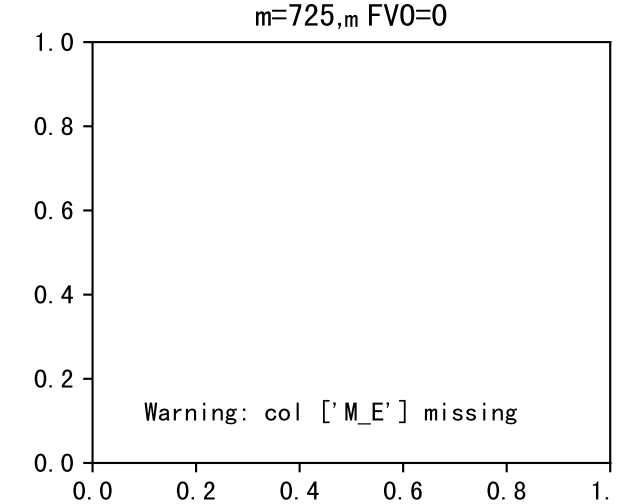


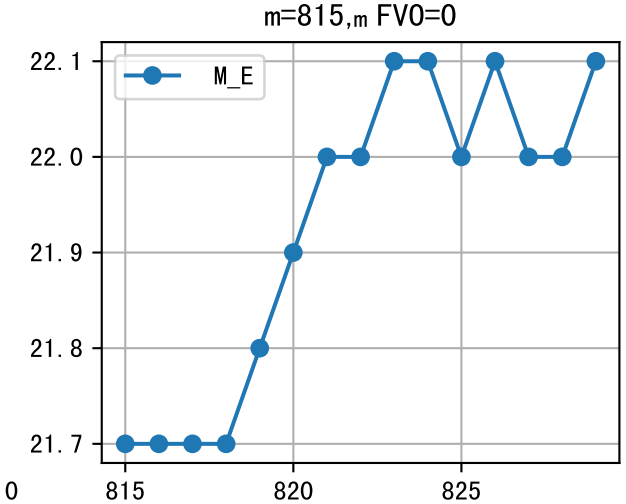

M_E

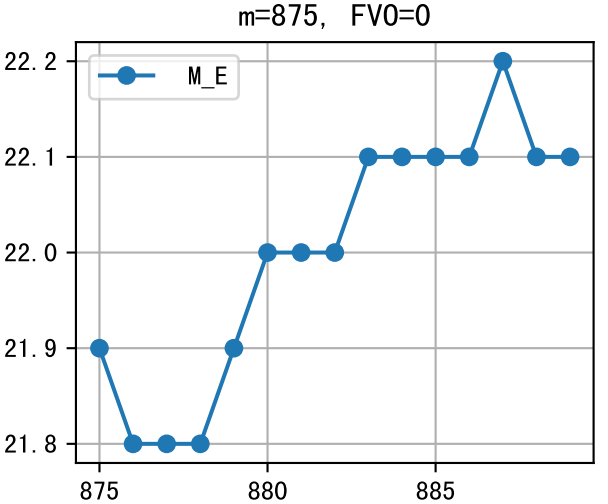

m=510, FV0=0
M_E

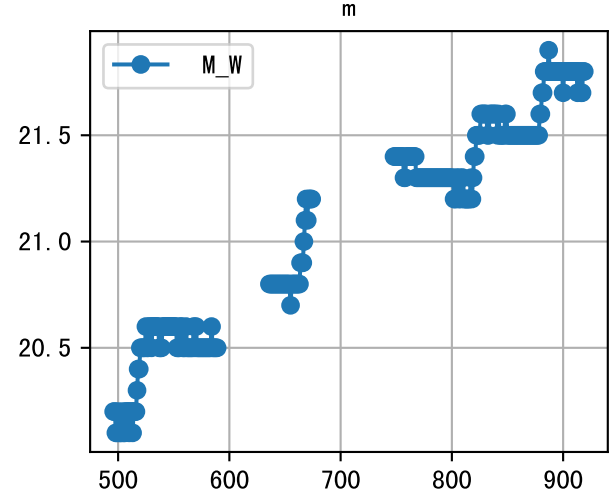

m=605, FV0=0
Warning: col ['M_E'] missing

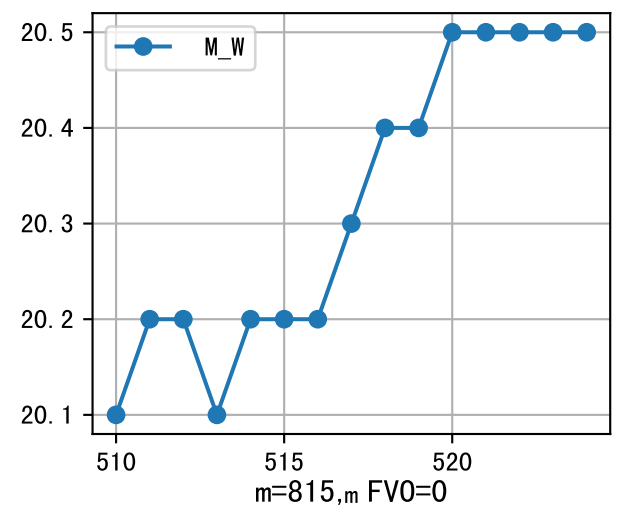

m=660, FV0=0
M_E
m

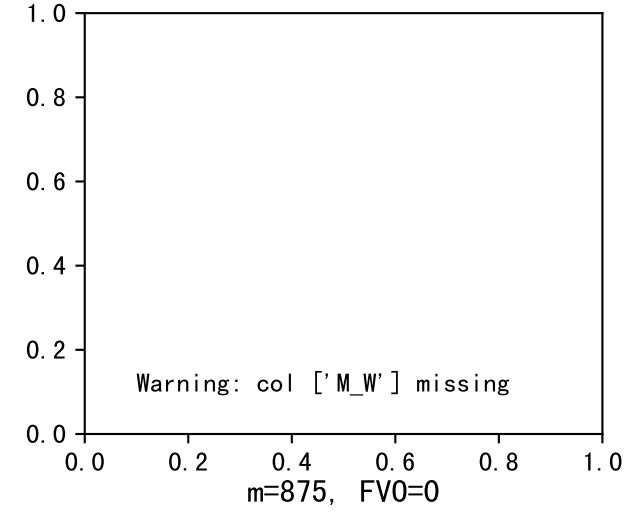

m=725,m FV0=0
Warning: col ['M_E'] missing
m=510, FV0=0

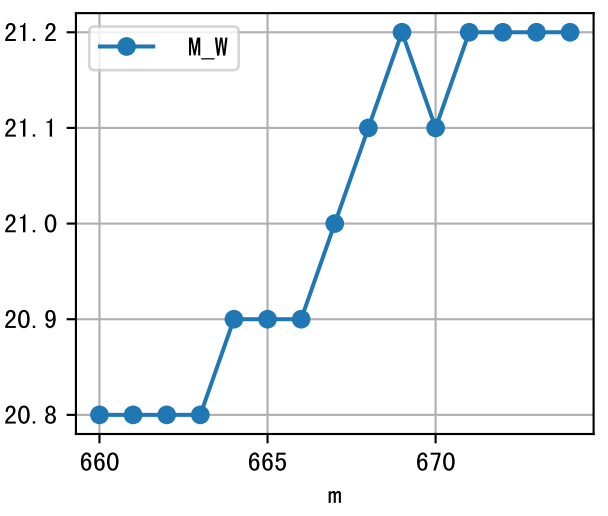

m=815,m FV0=0
M_E
m=605,m FV0=0

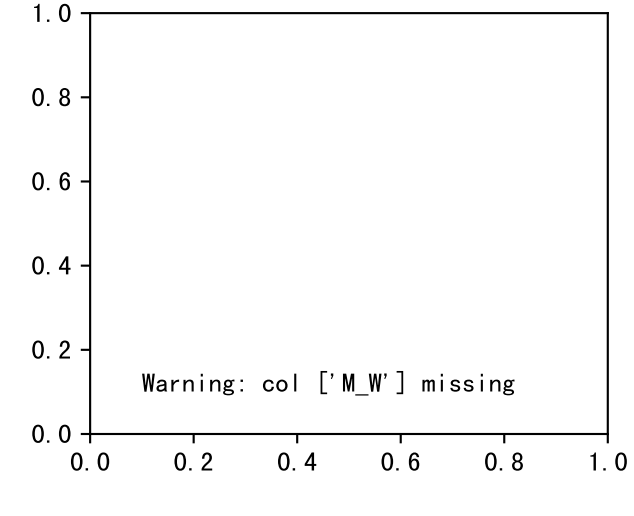

m=875, FV0=0
M_E
m=660,m FV0=0

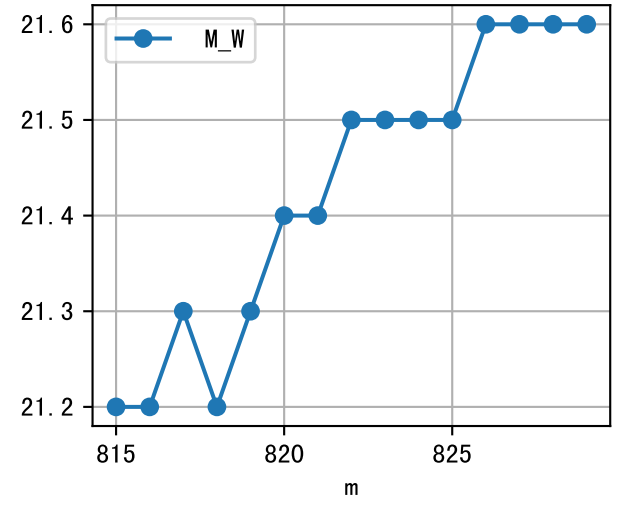

M_W
m=725,m FV0=0

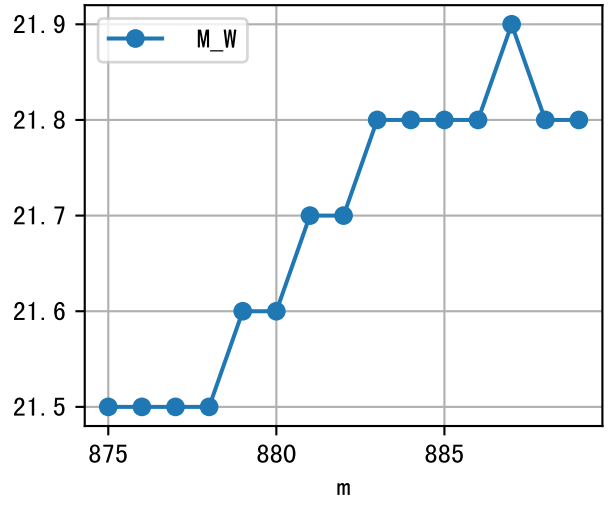

M_W
m=815,m FV0=0


Warning: col ['M_W'] missing
m=875, FV0=0


M_W
m


Warning: col ['M_W'] missing


M_W
m


M_W
m