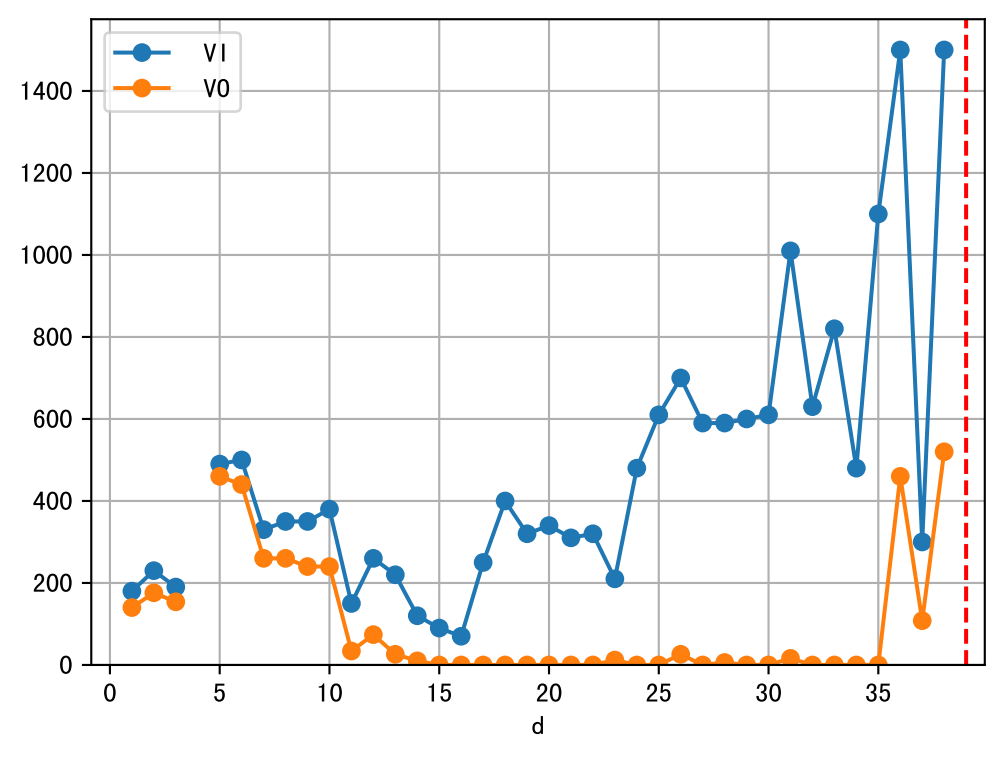
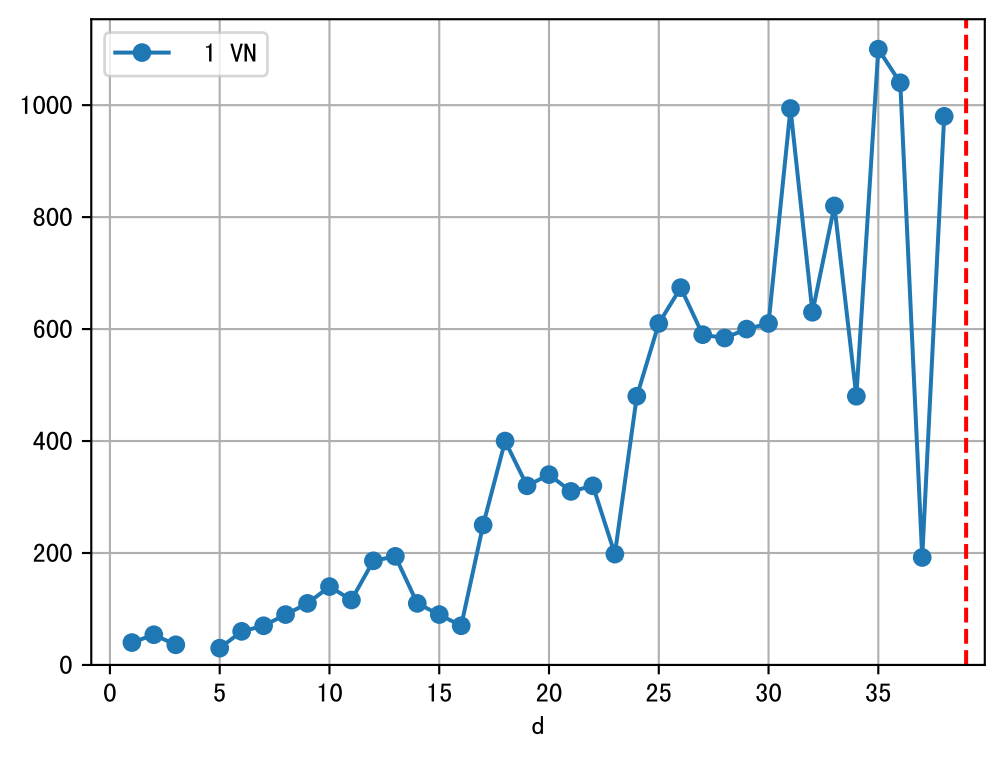
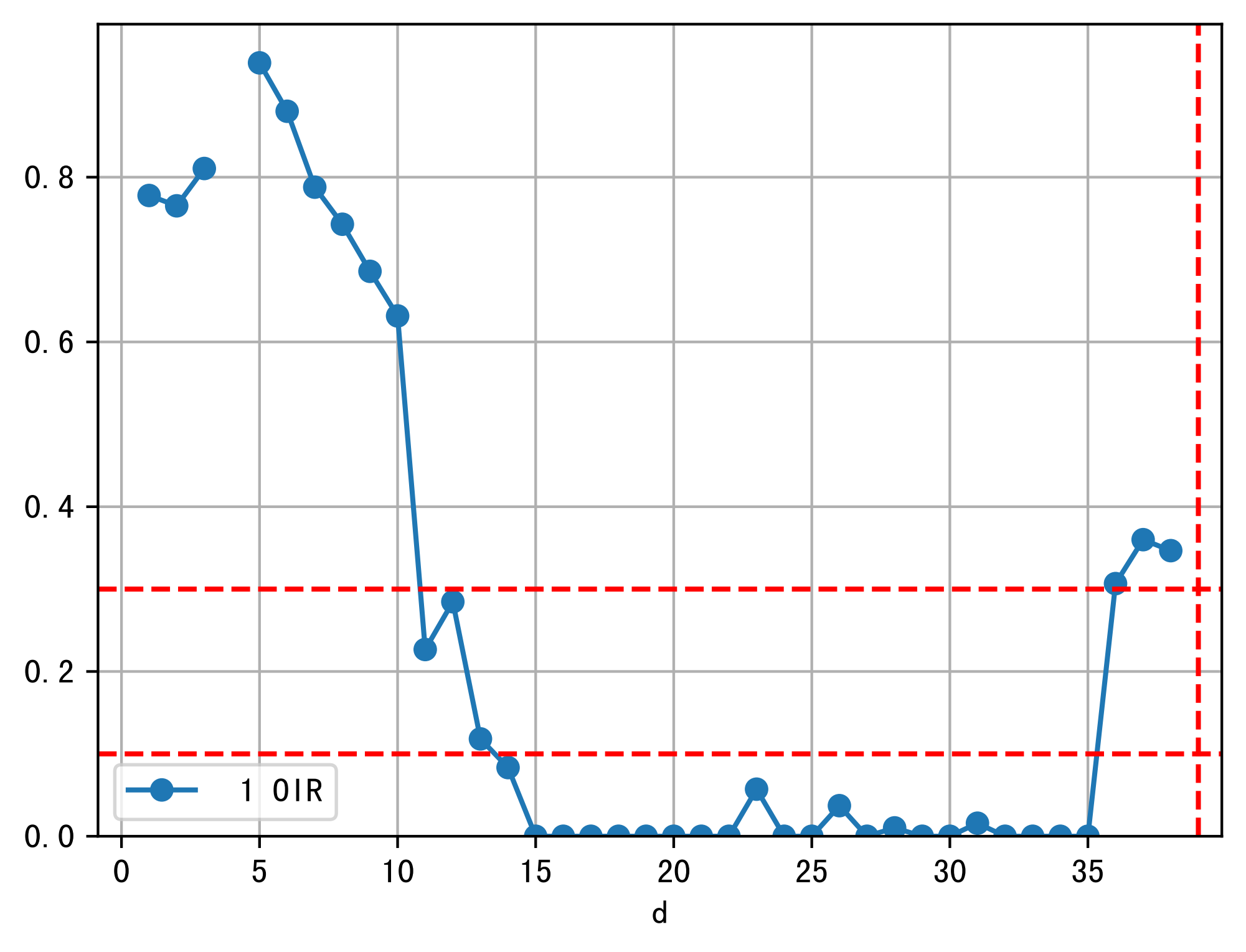
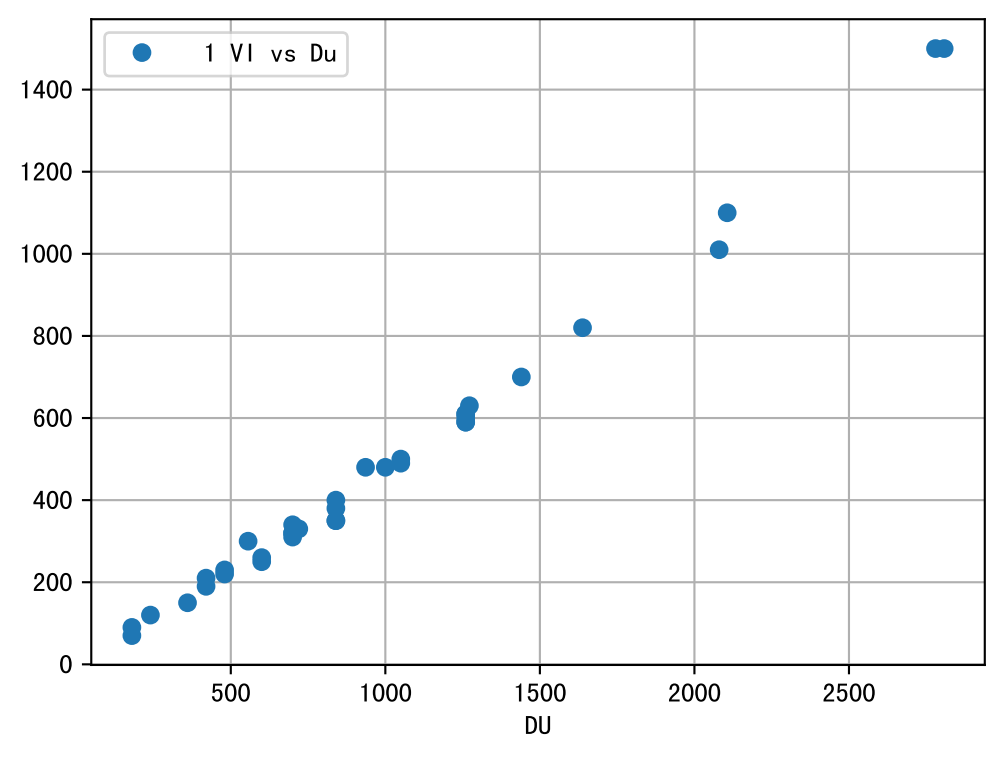
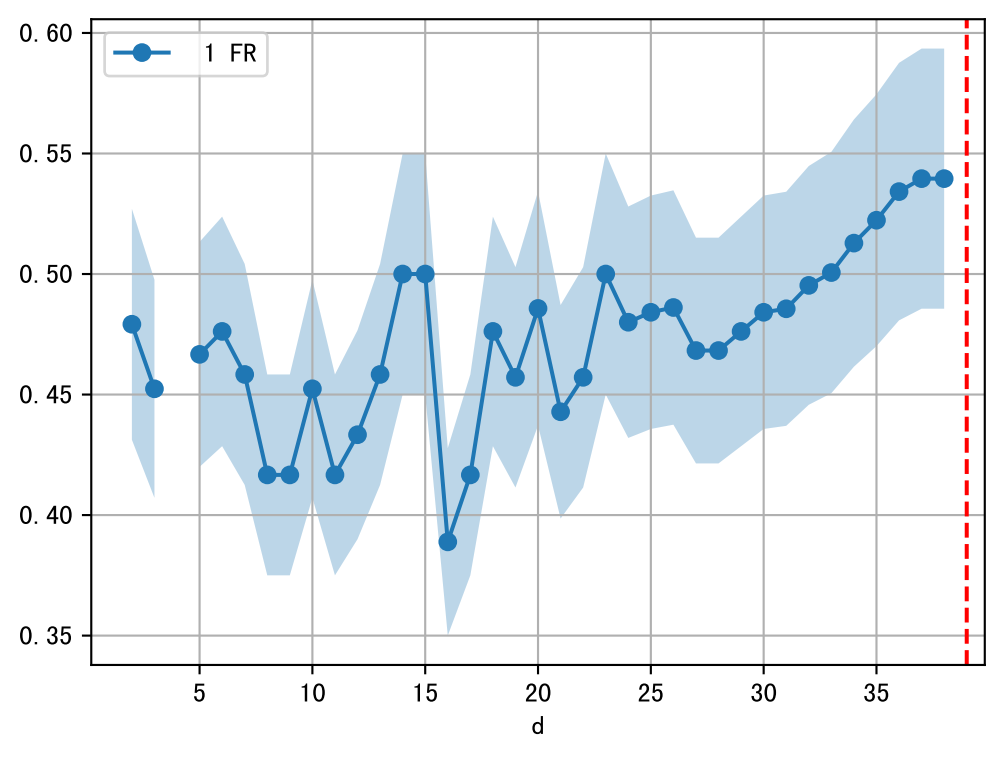
FgArea: ['0']
NC11 P3-1
2025-05-07 (Day 39)

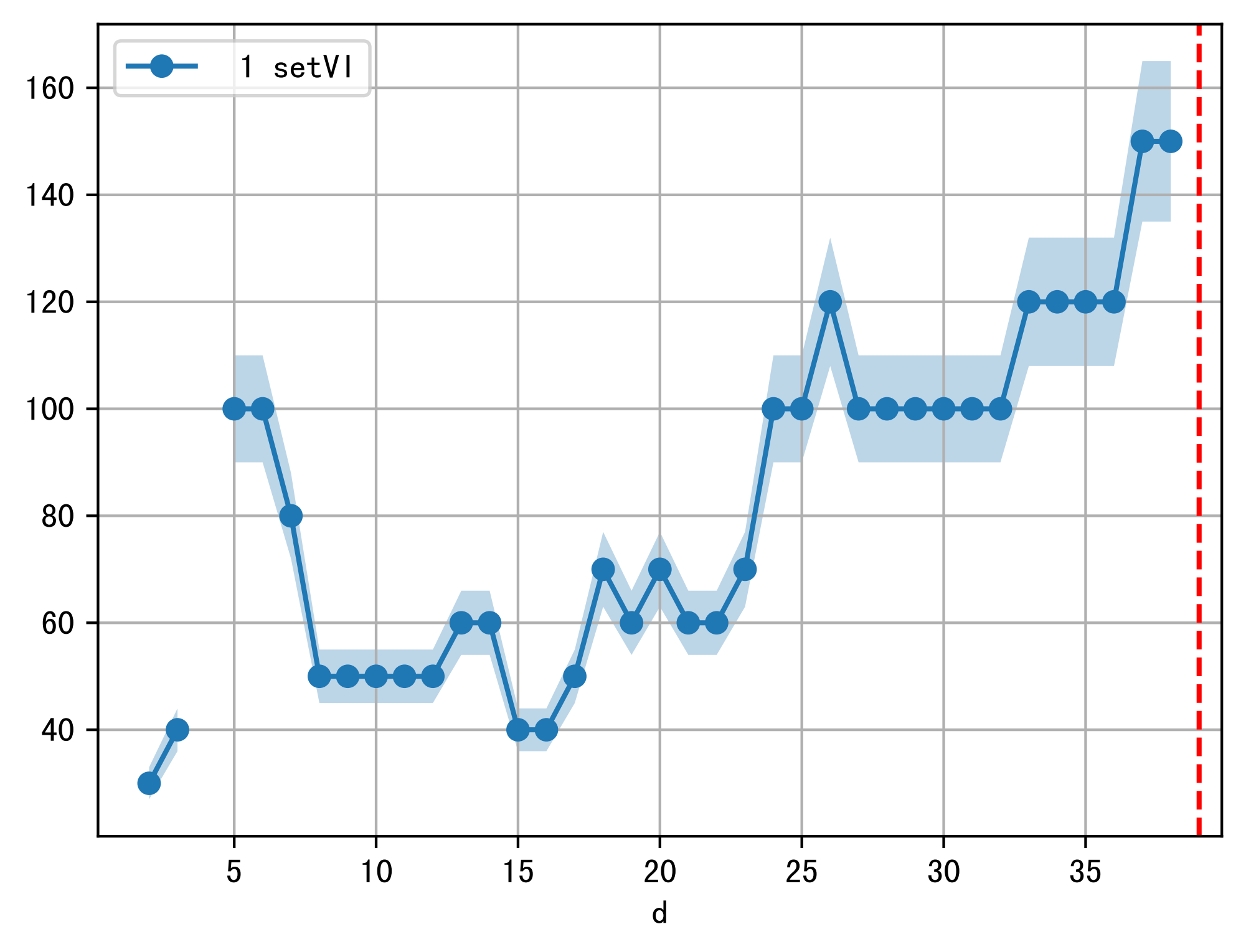

VI
V0
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
d

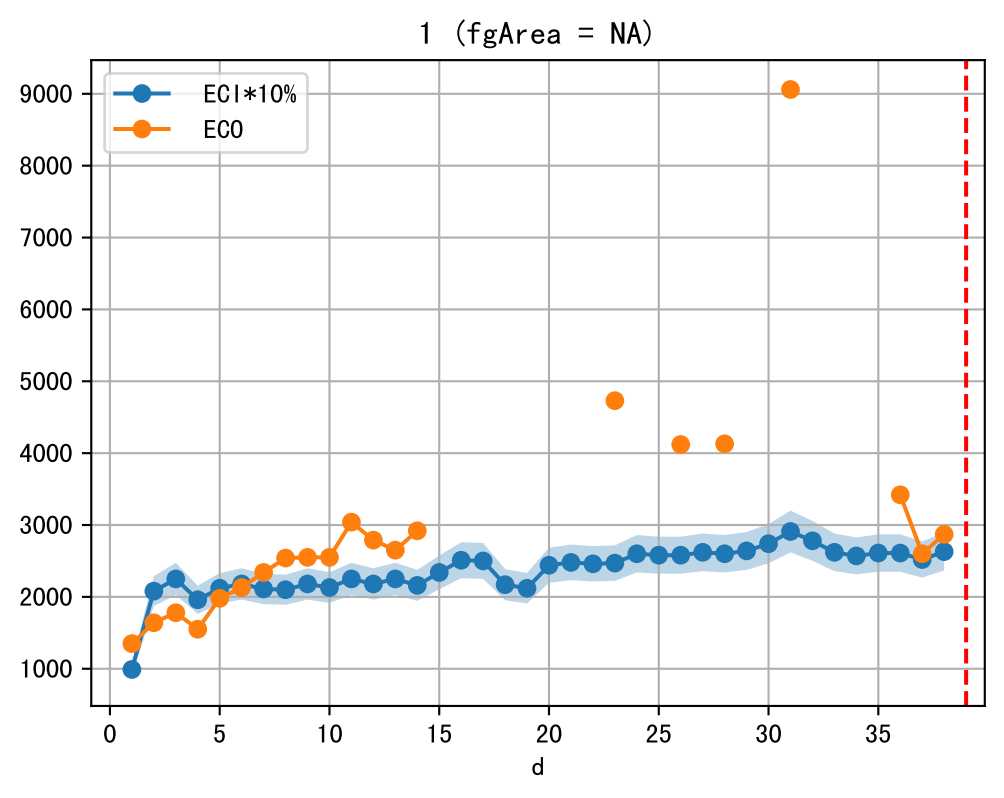

1 VN
0
200
400
600
800
1000
0
5
10
15
20
25
30
35
d

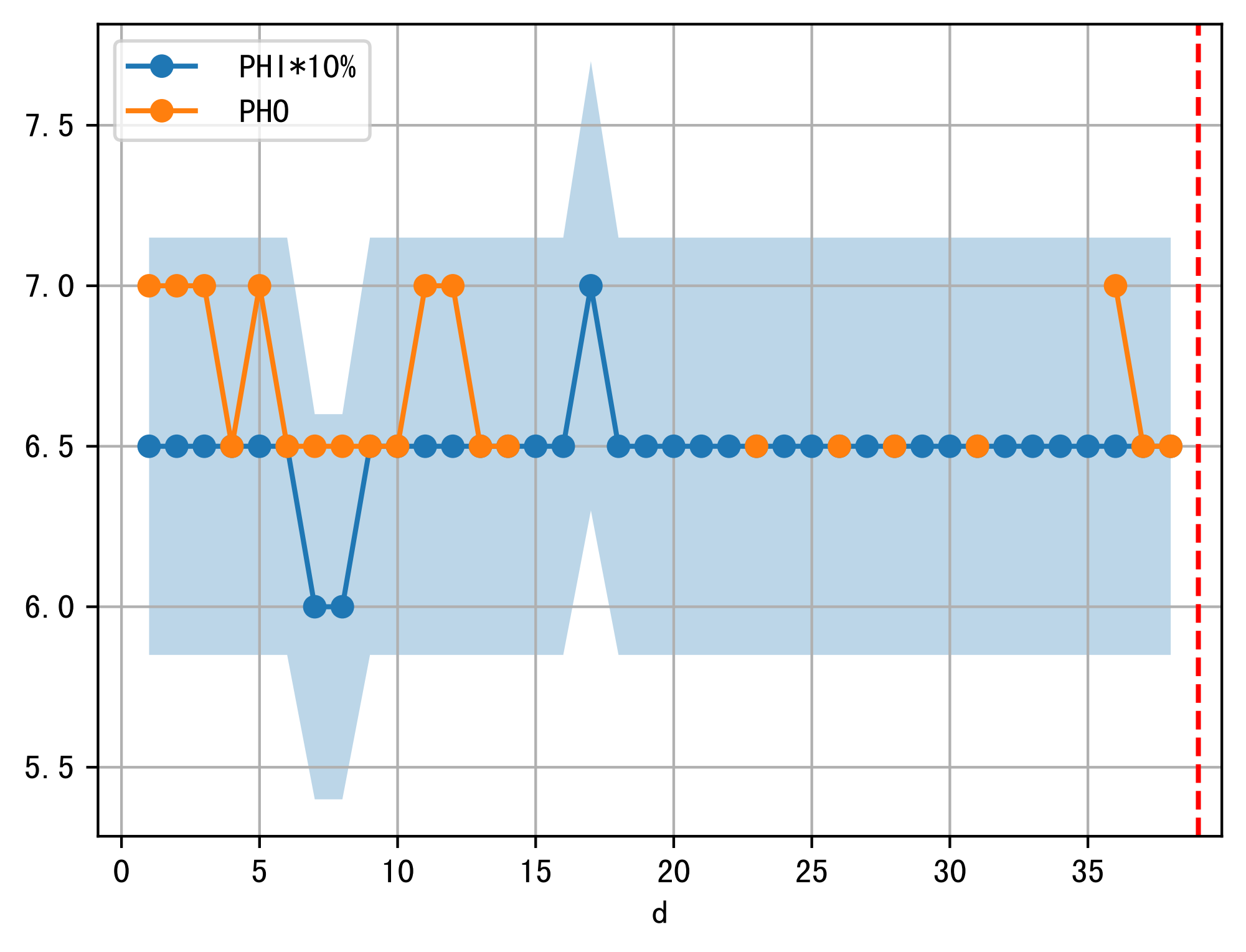

0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
d
1 0IR

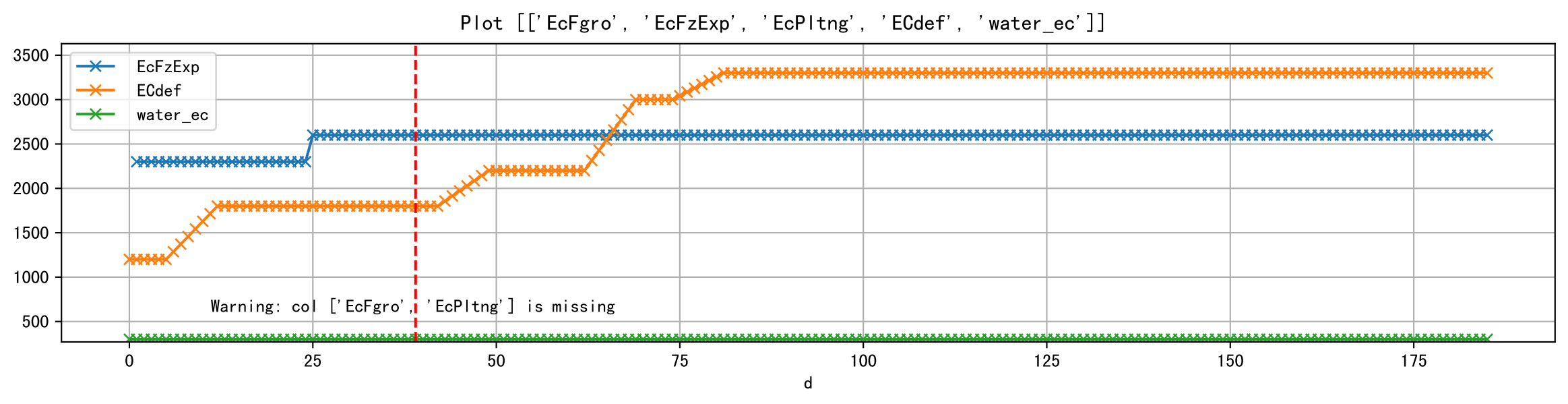

1 VI vs Du
1400
1200
1000
800
600
400
200
0
500
1000
1500
2000
2500
DU

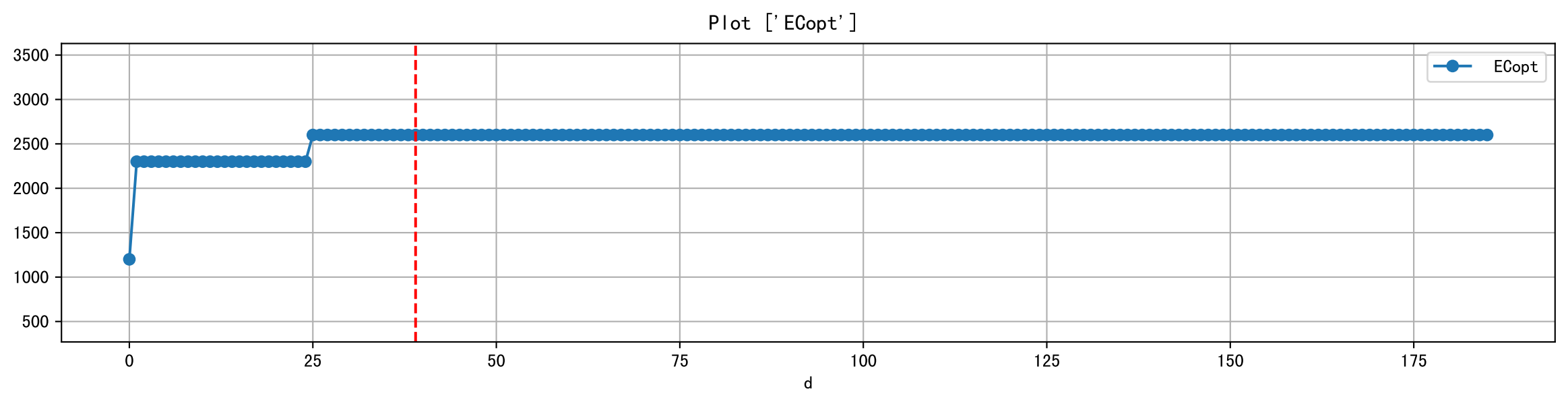

1 FR
0. 60
0. 55
0. 50
0. 45
0. 40
0. 35
5
10
15
20
25
30
35
d


1 setVI
160
140
120
100
80
60
40
5
10
15
20
25
30
35
d

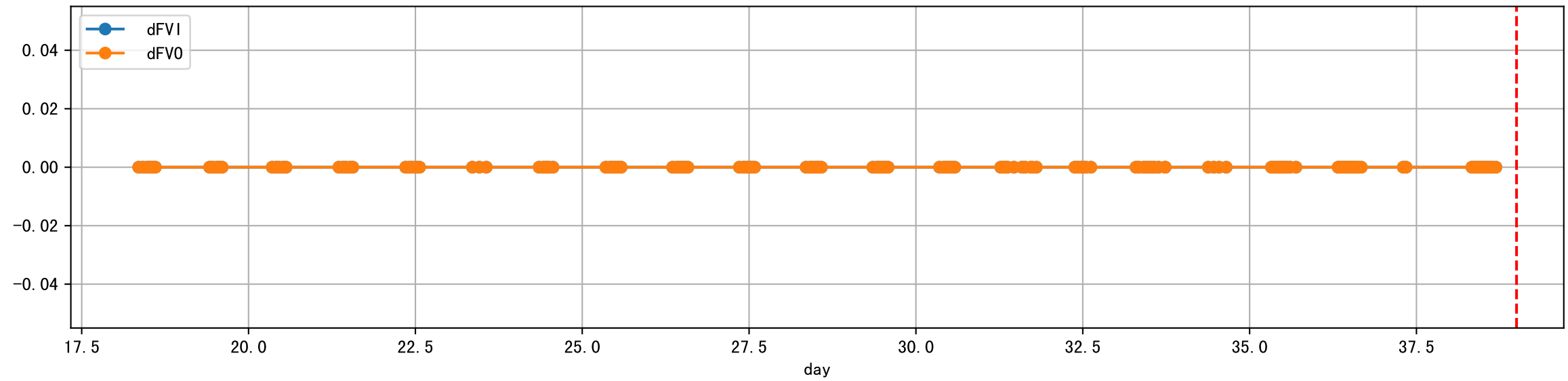

1 (fgArea = NA)
ECI*10%
ECO
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
5
10
15
20
25
30
35
d

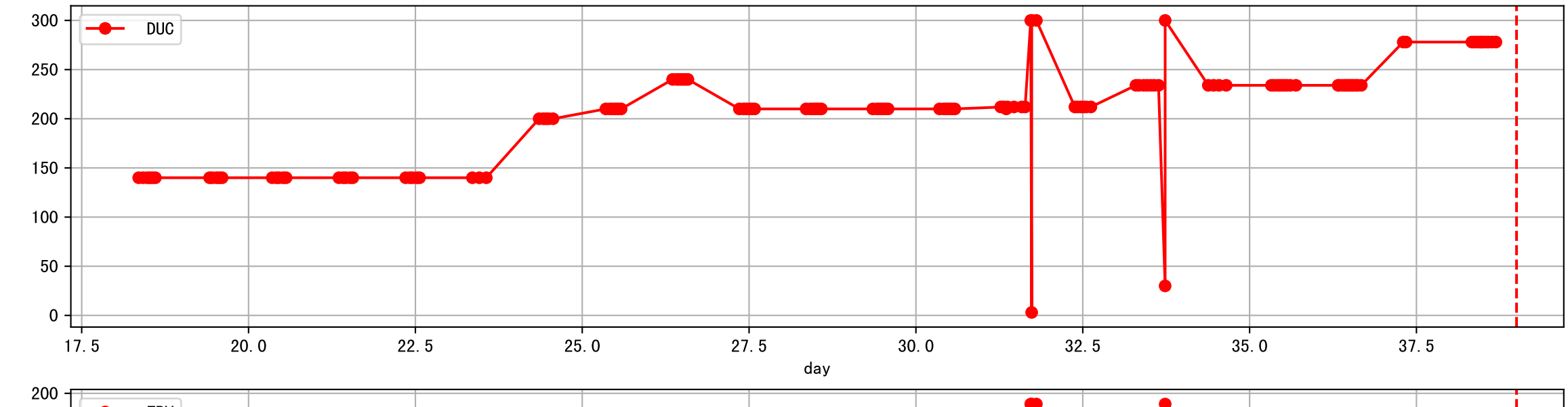

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
5
10
15
20
25
30
35
d

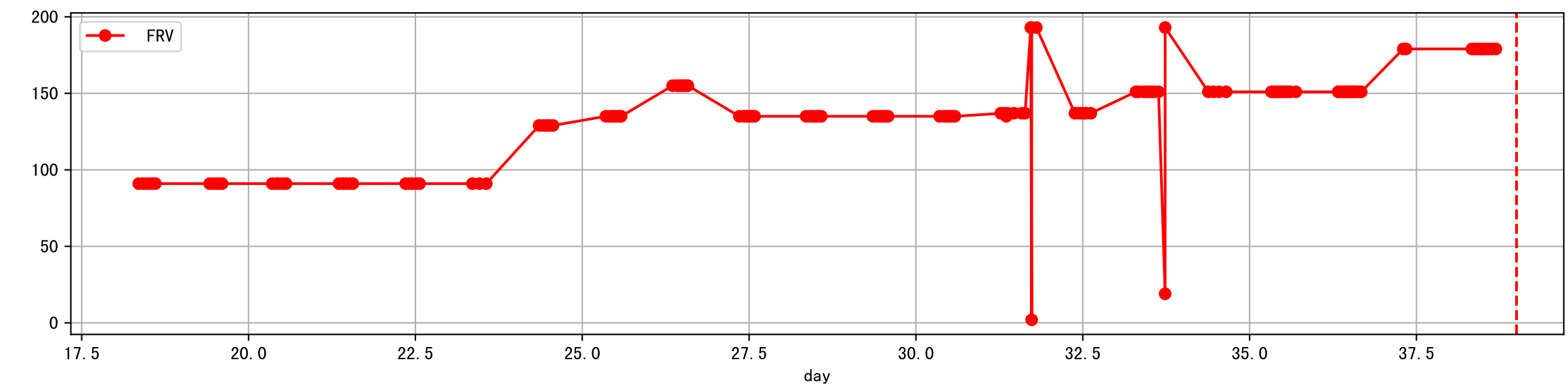

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

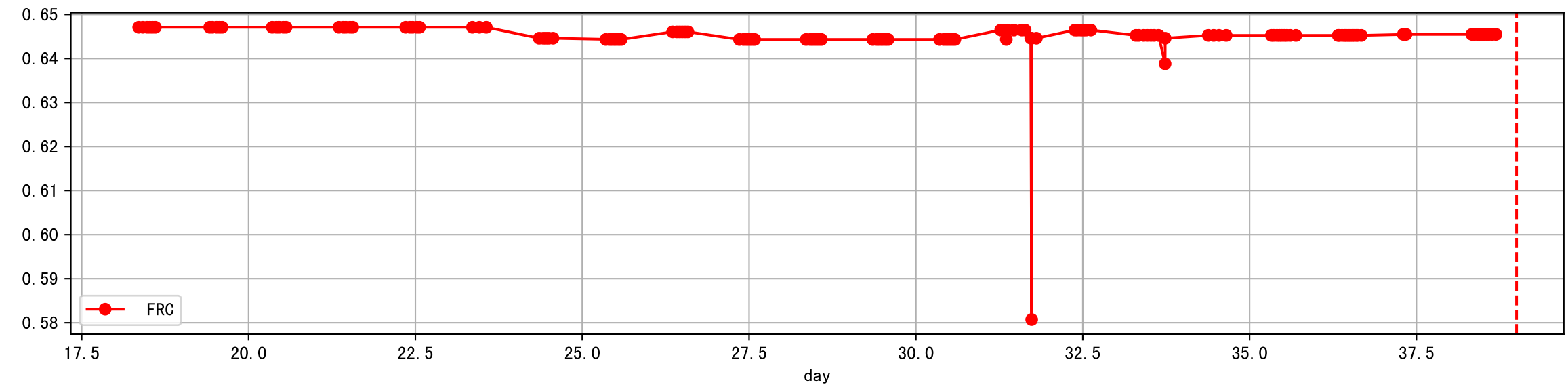

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

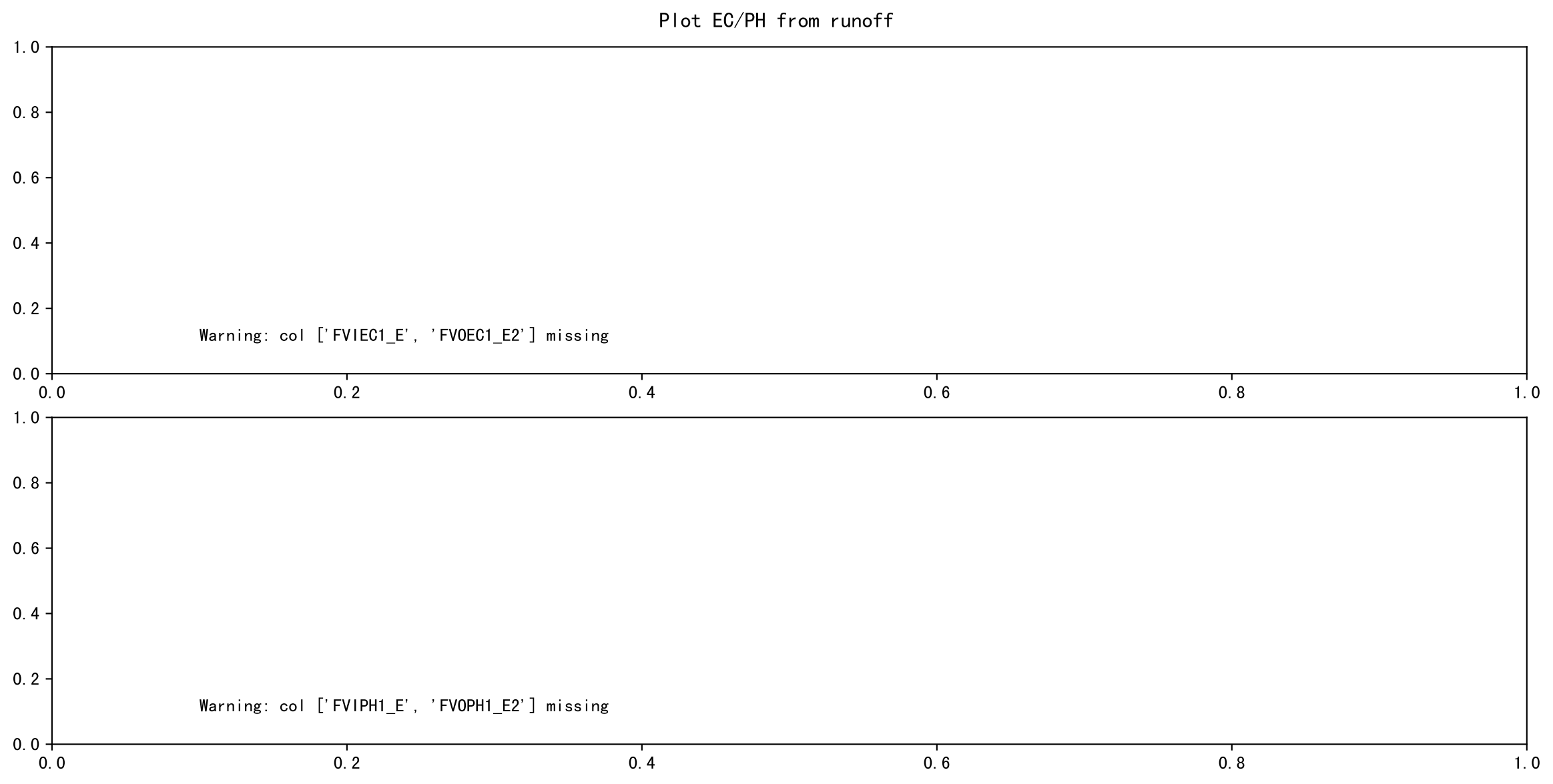
Plot Sensor and FgRec Data



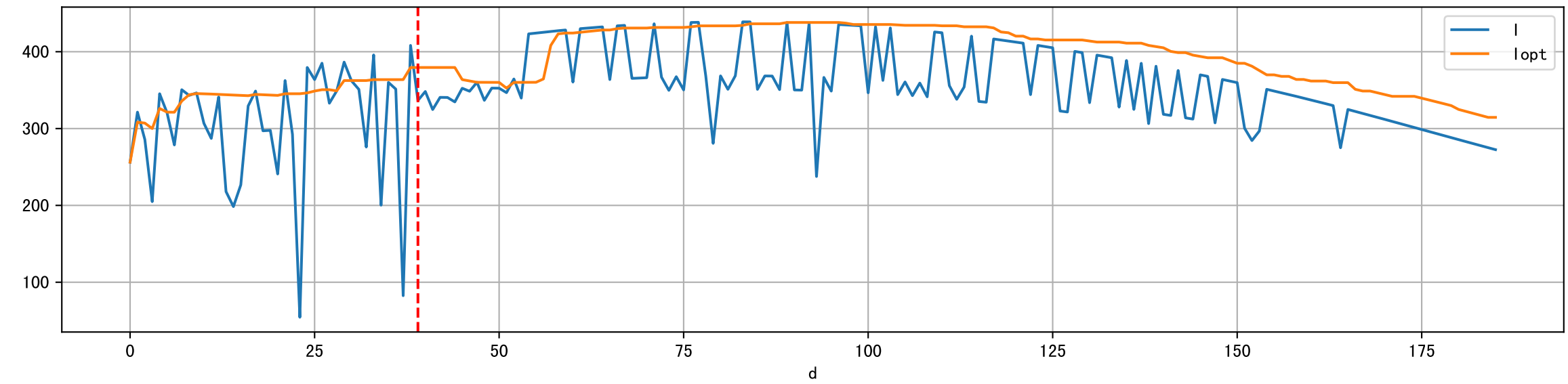


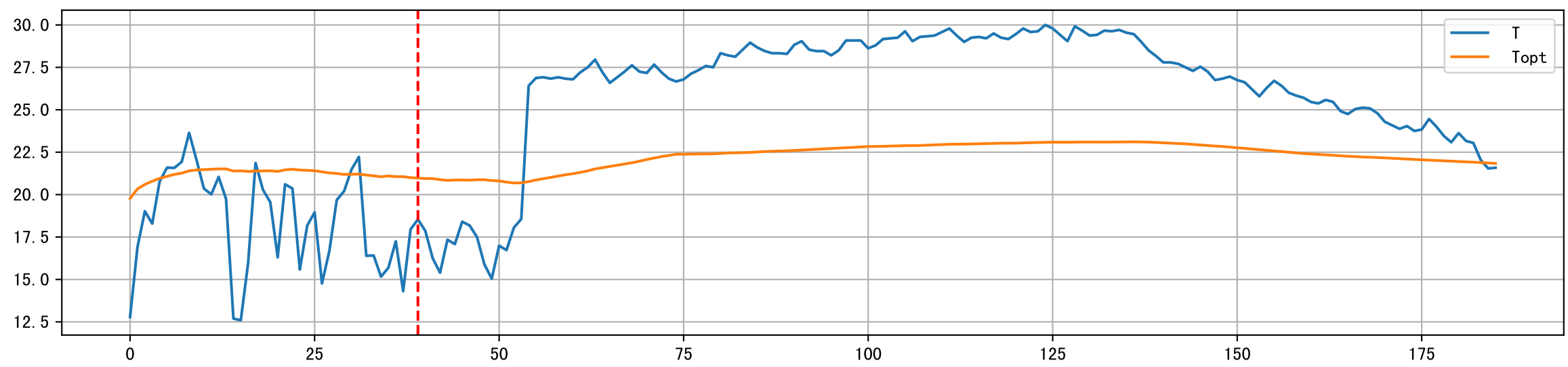


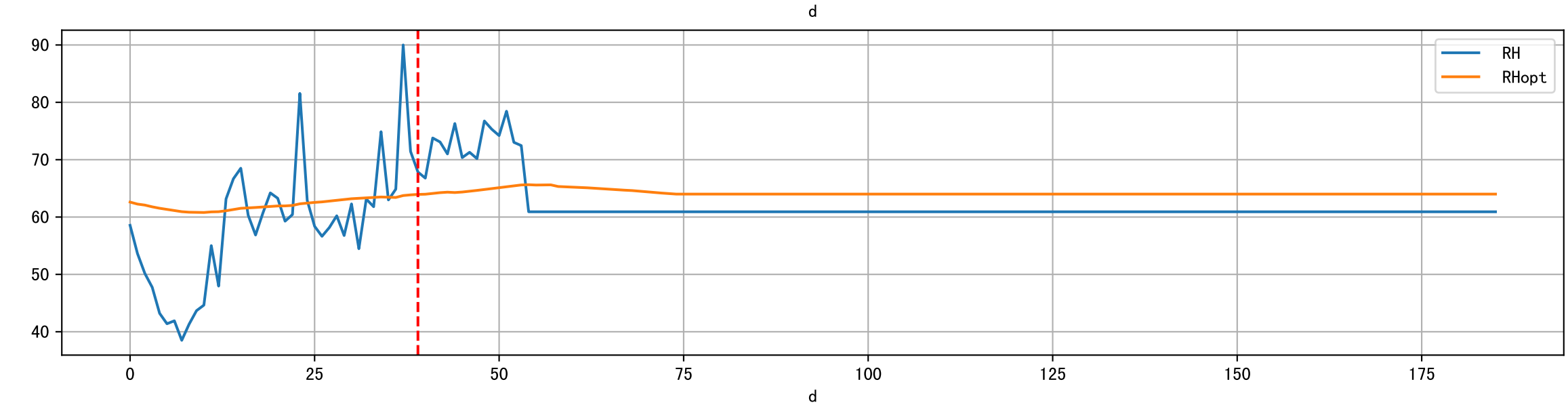


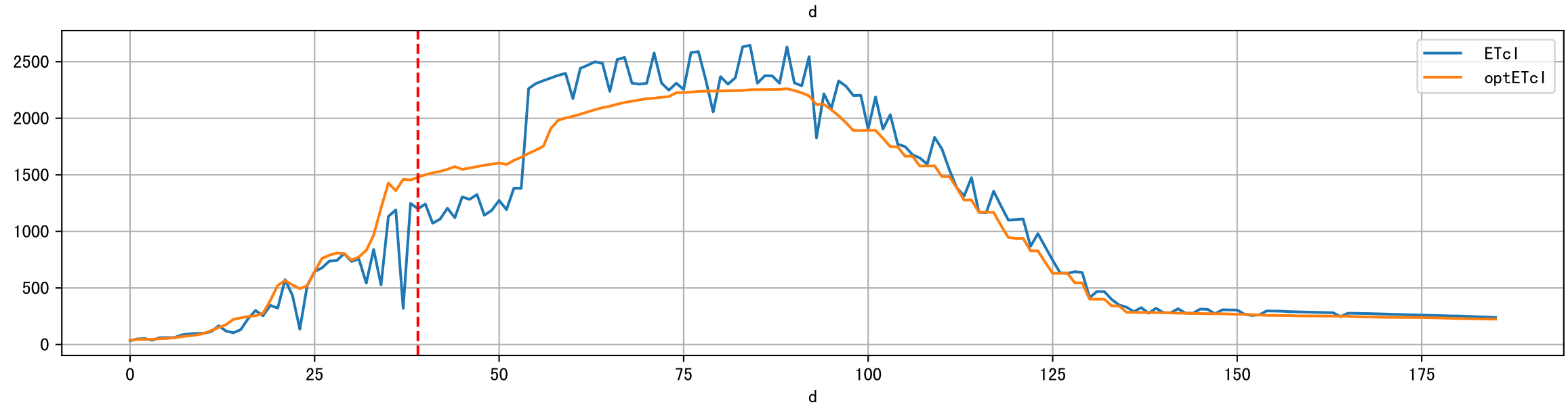

Plot EC/PH from runoff
Warning: col ['FVIEC1_E', 'FVOEC1_E2'] missing
Warning: col ['FVIPH1_E', 'FVOPH1_E2'] missing

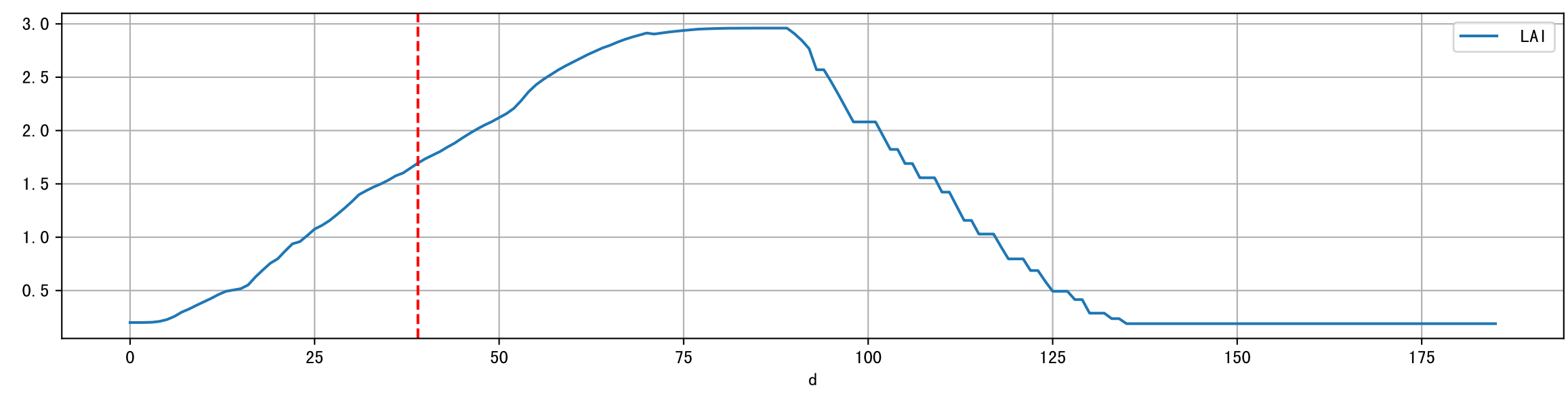
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

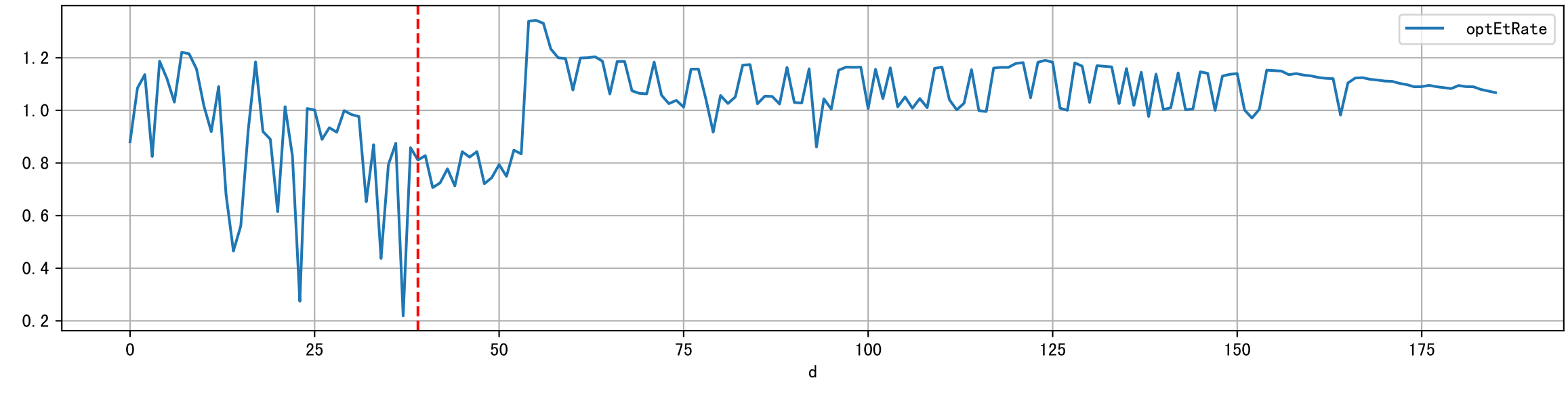


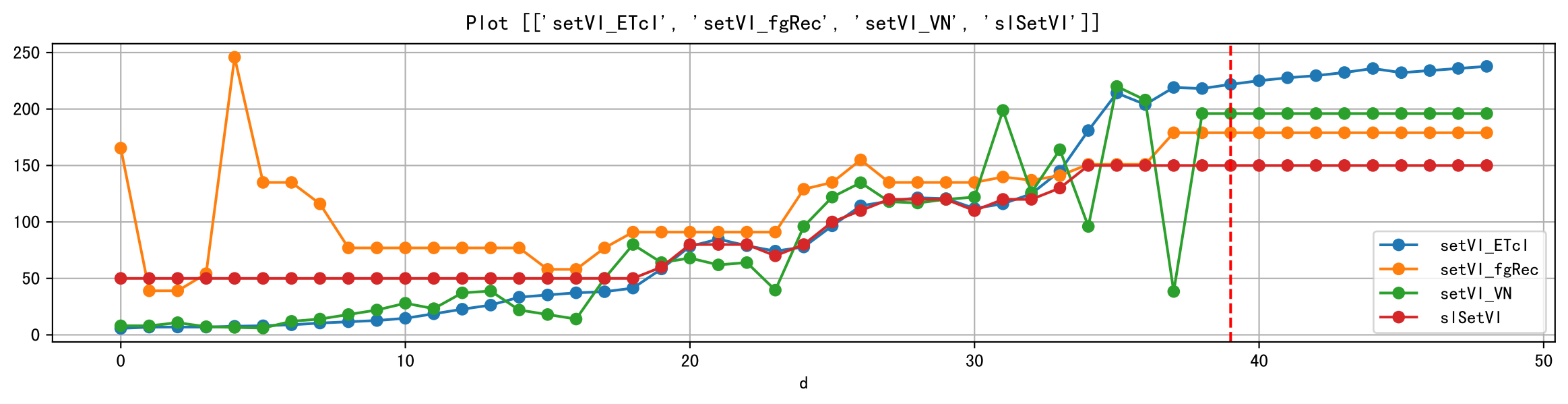


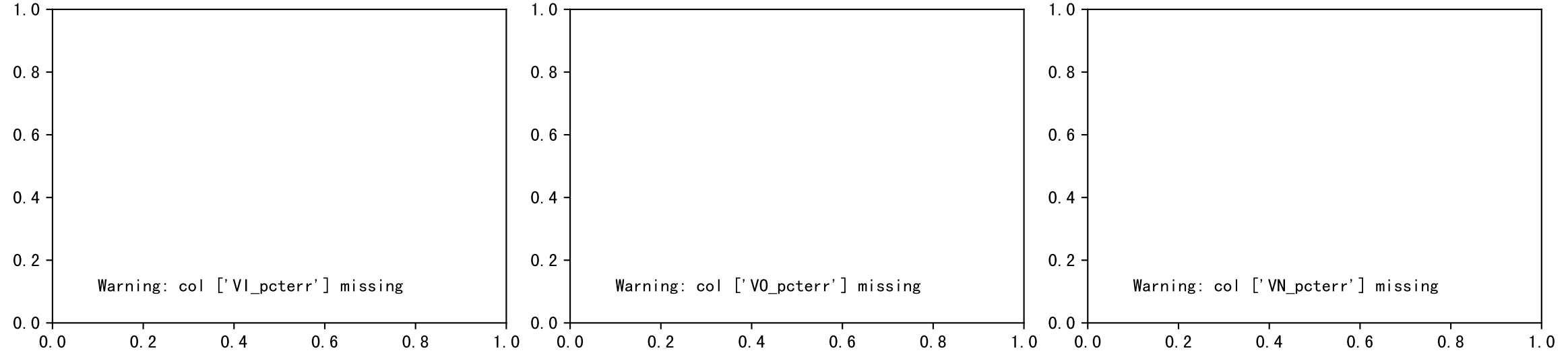


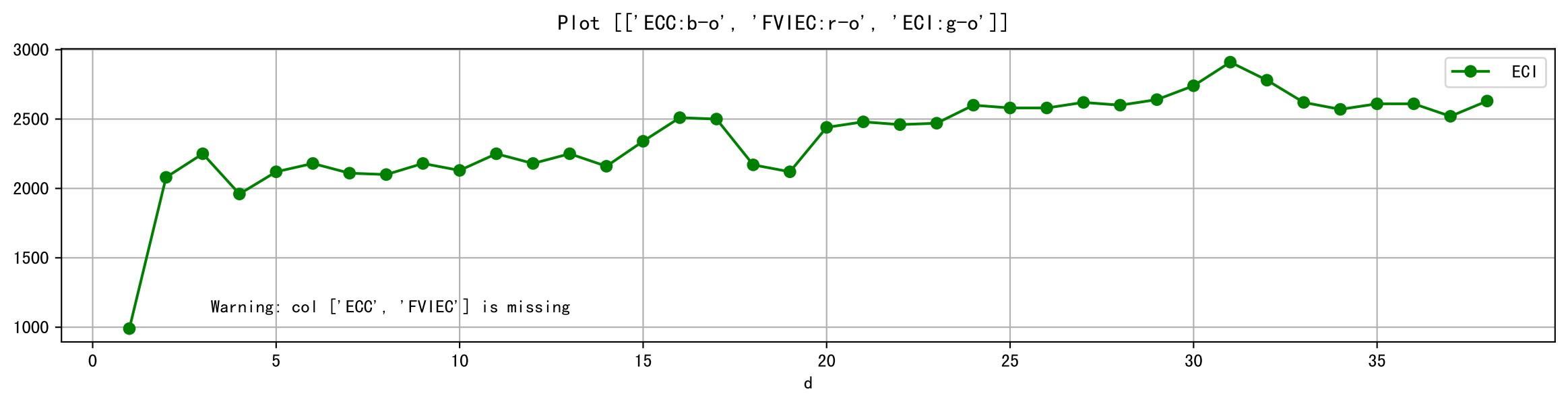


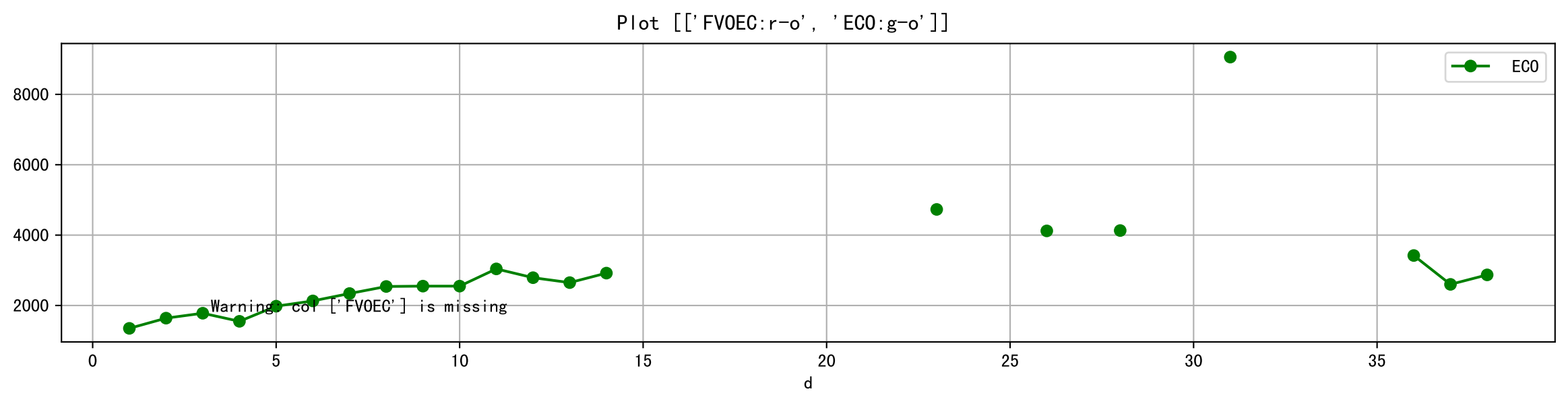


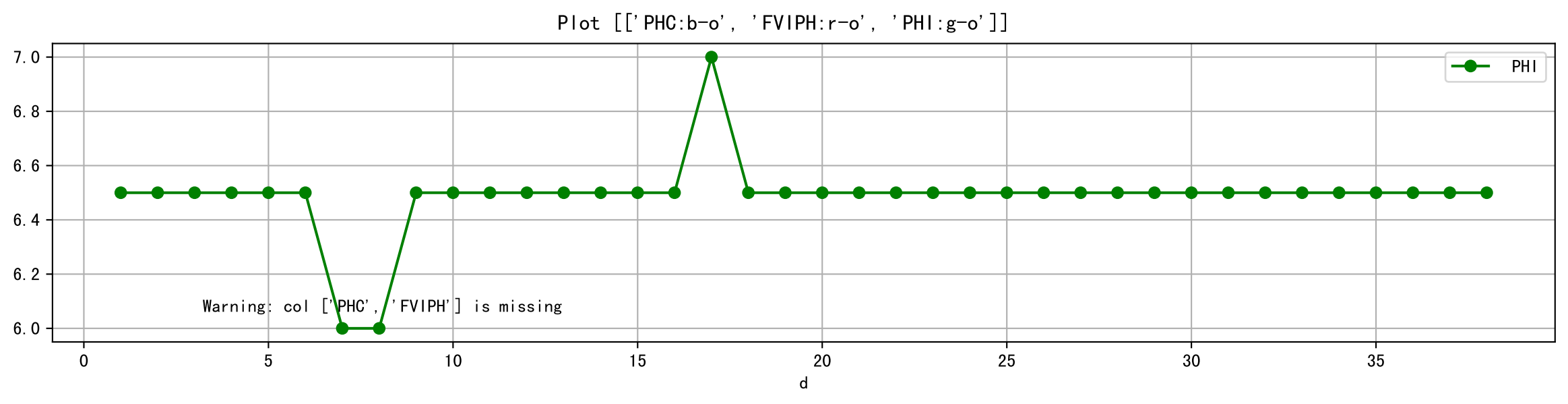


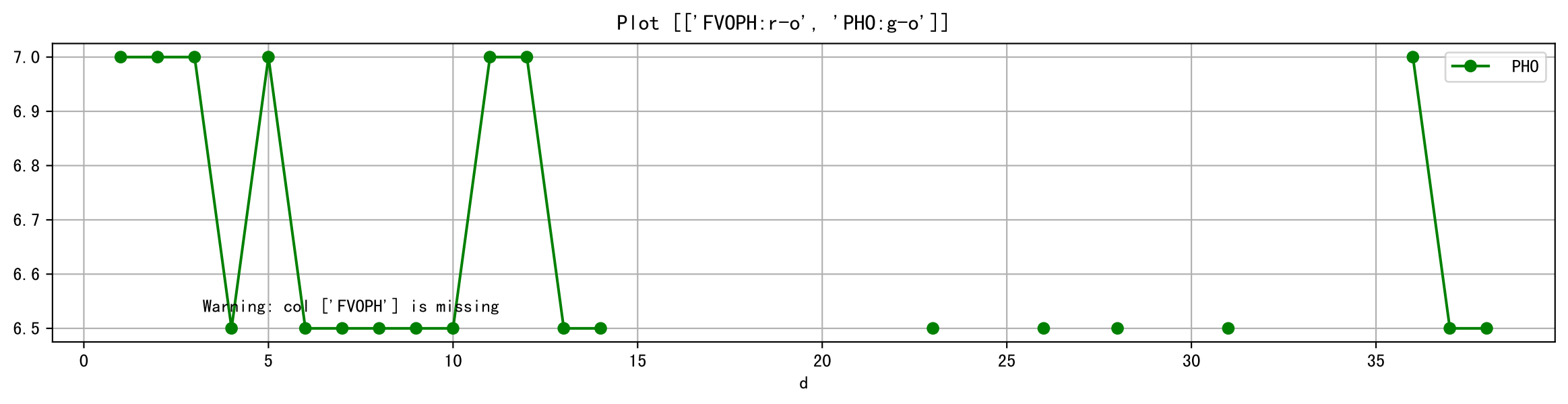

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
250
200
150
100
50
0
0
10
20
30
40
50
d
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI

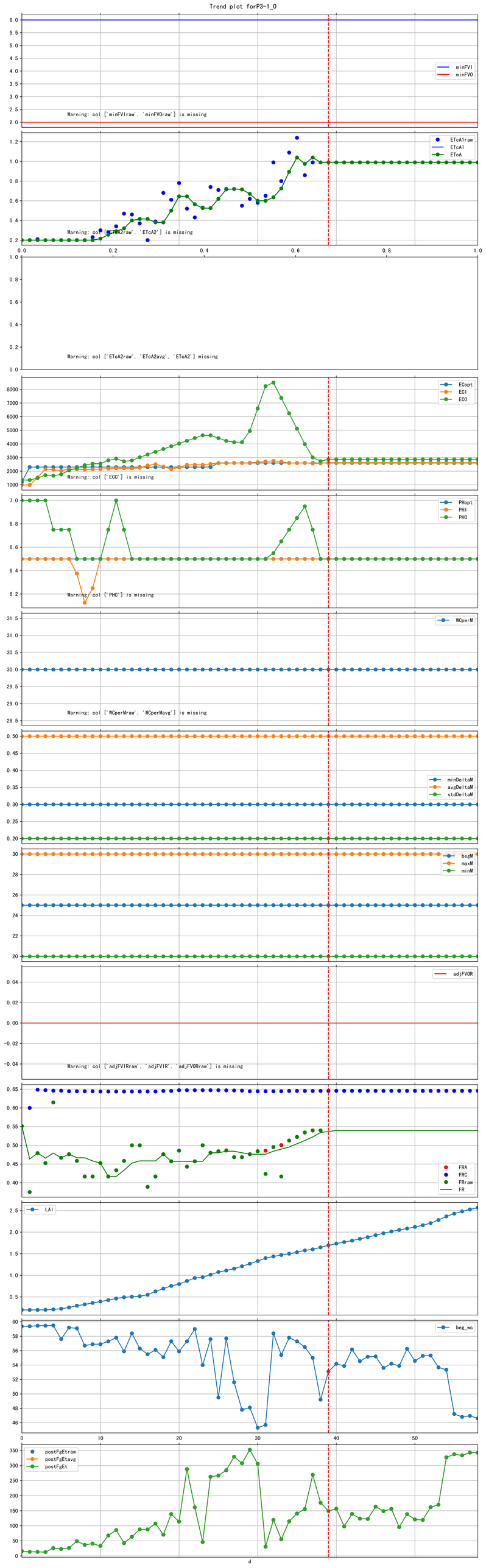

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

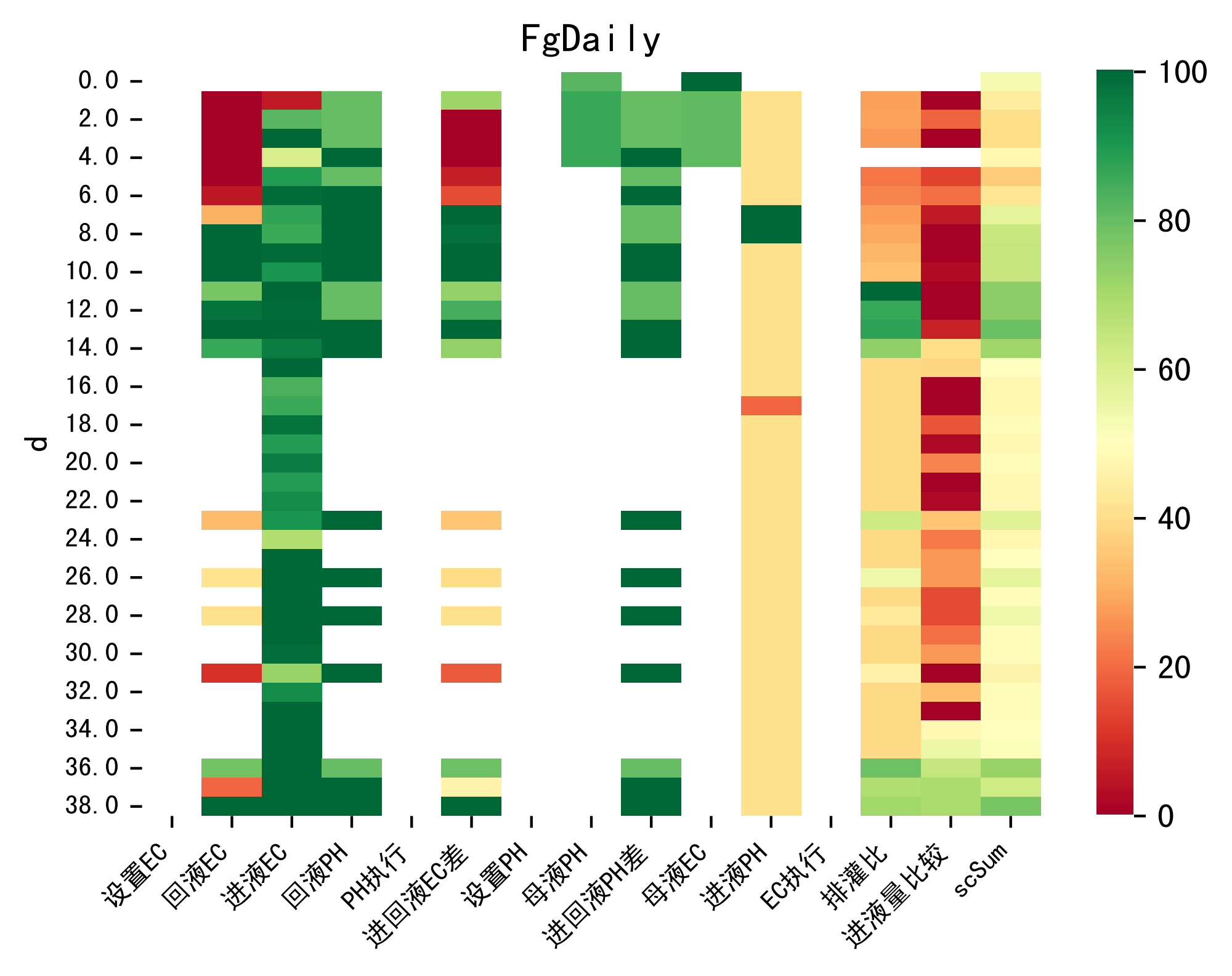

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
3000
2500
2000
1500
1000
0
5
10
15
20
25
30
35
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
8000
6000
4000
2000
0
5
10
15
20
25
30
35
d
Warning: col ['FVOEC'] is missing

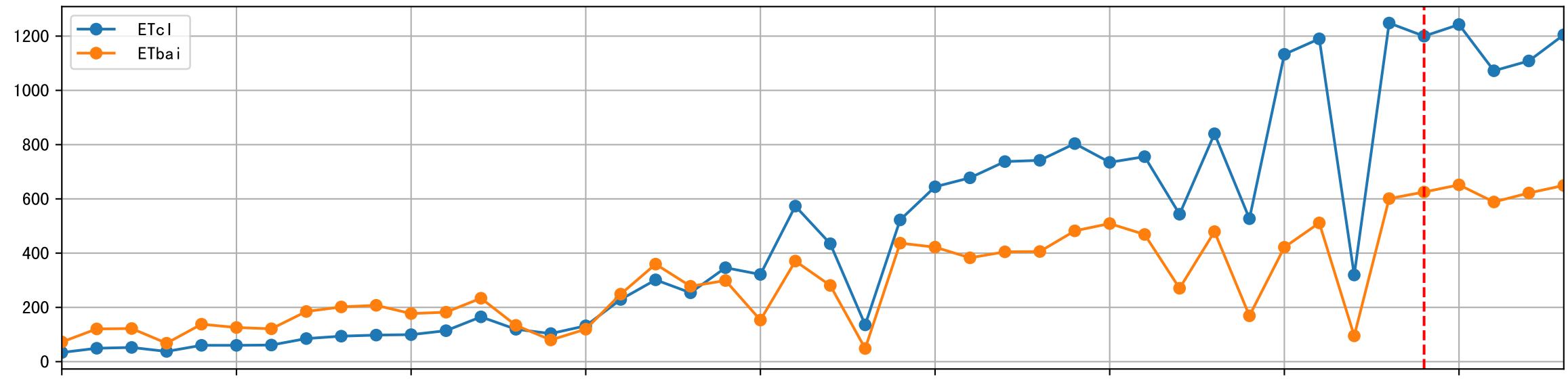

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC','FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
5
10
15
20
25
30
35
d

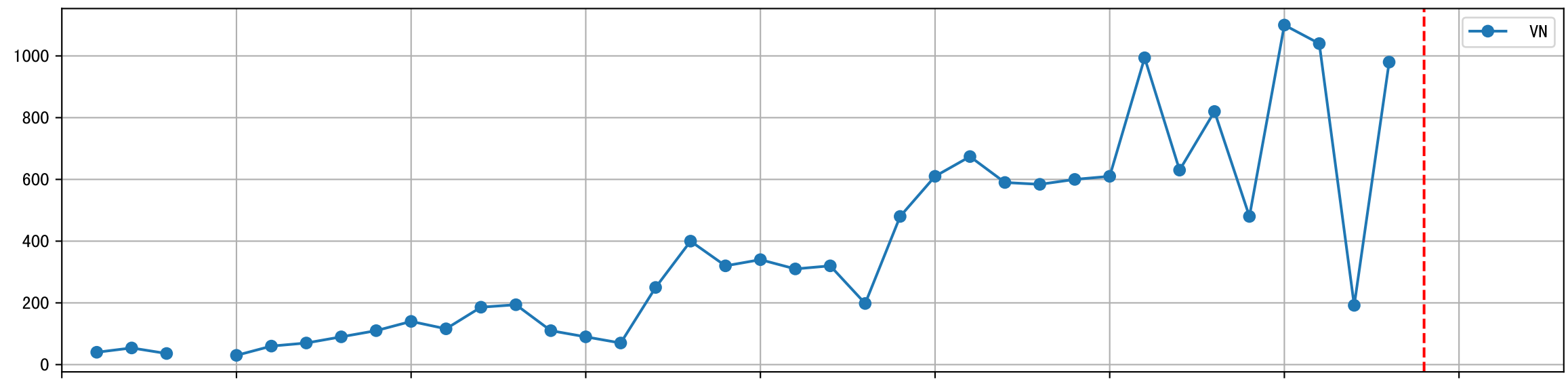

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
0
5
10
15
20
25
30
35
d

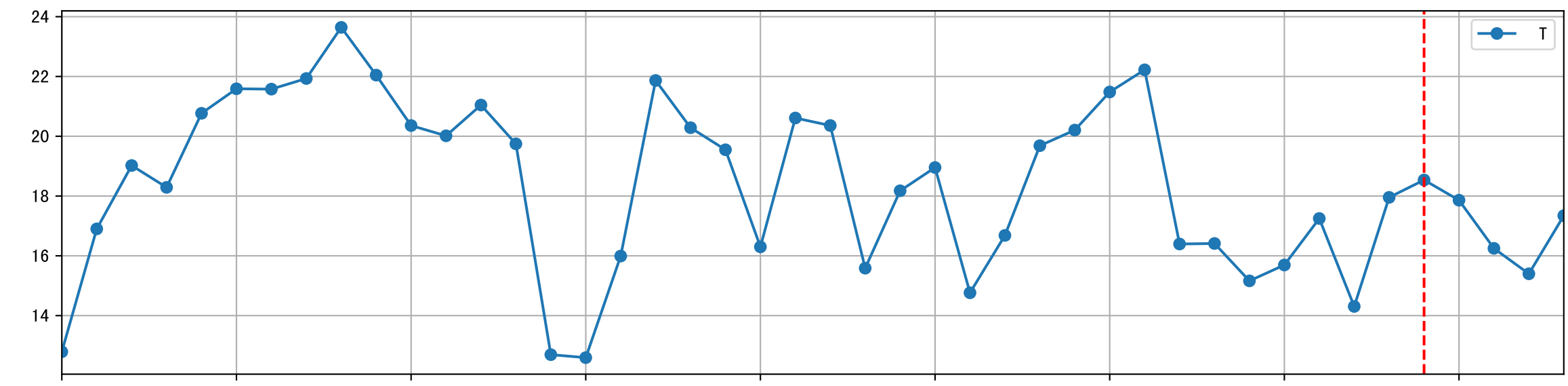

Trend plot forP3-1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PMopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM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

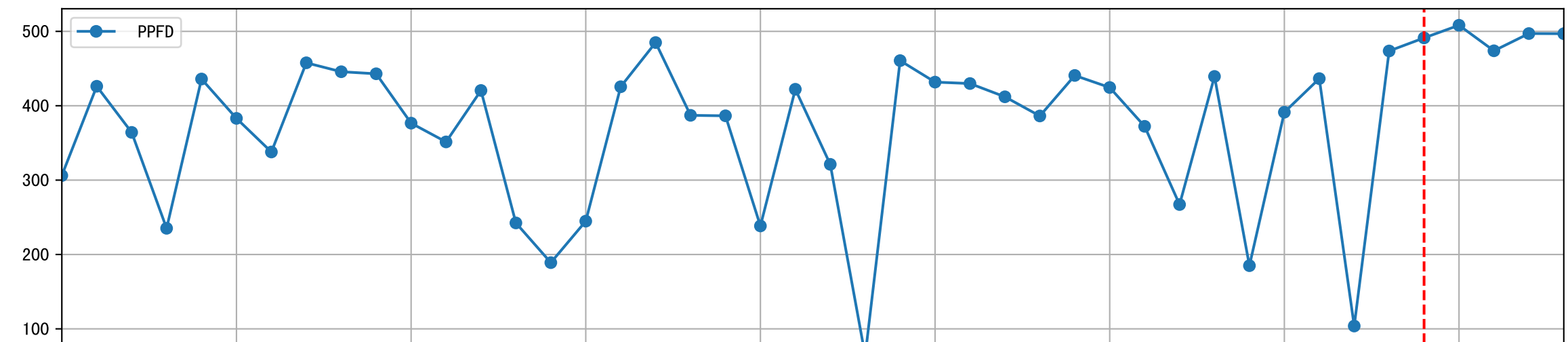

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
38.0
100
80
60
40
20
0
设置EC
回液EC
进液EC
回液PH
PH执行
进回液EC差
设置PH
母液PH
进回液PH差
母液EC
进液PH
EC执行
排灌比
进液量比较
scSum

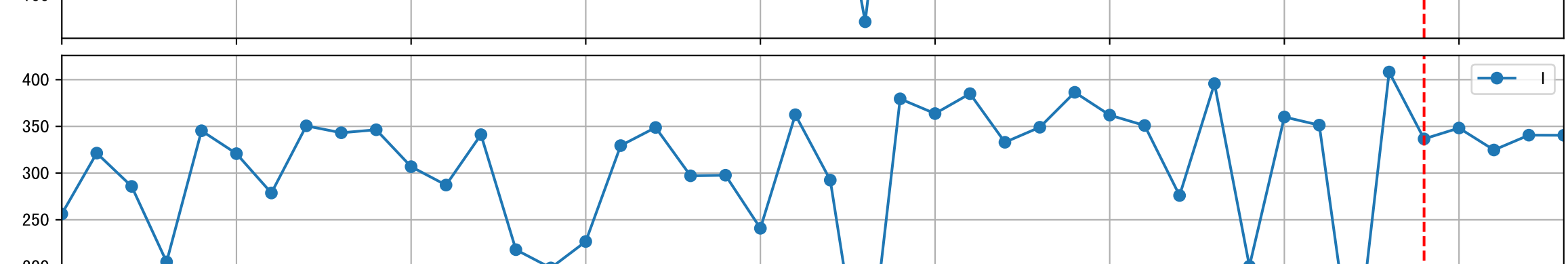
P3-1_0

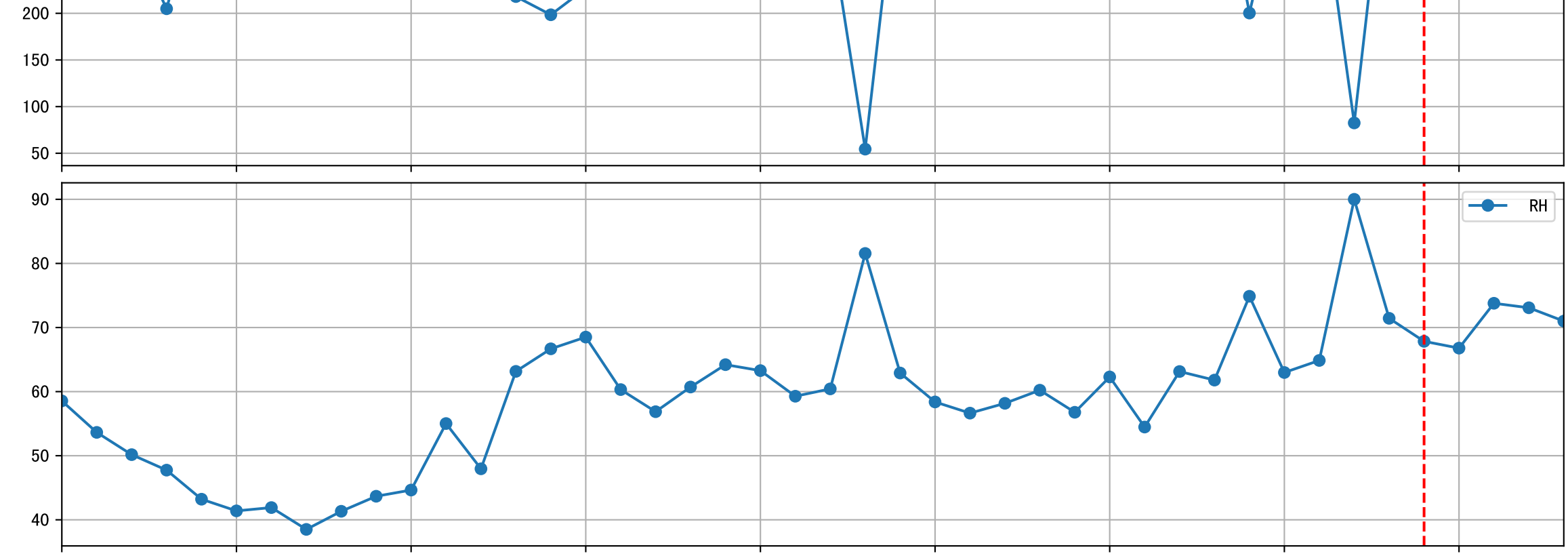

ETcl
ETbai
1200
1000
800
600
400
200
0

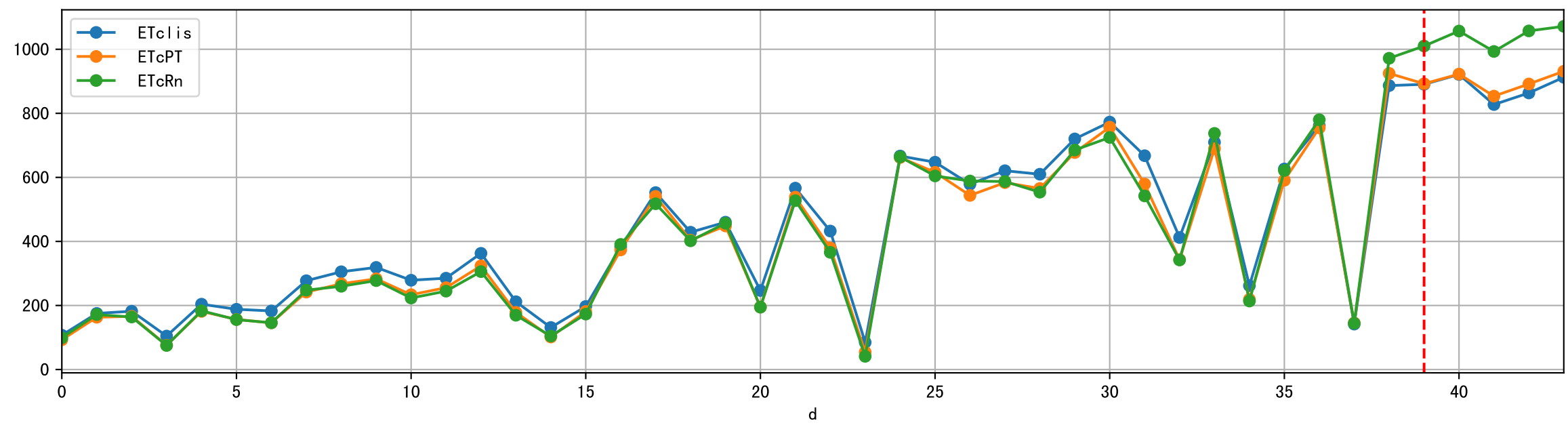

VN
1000
800
600
400
200
0

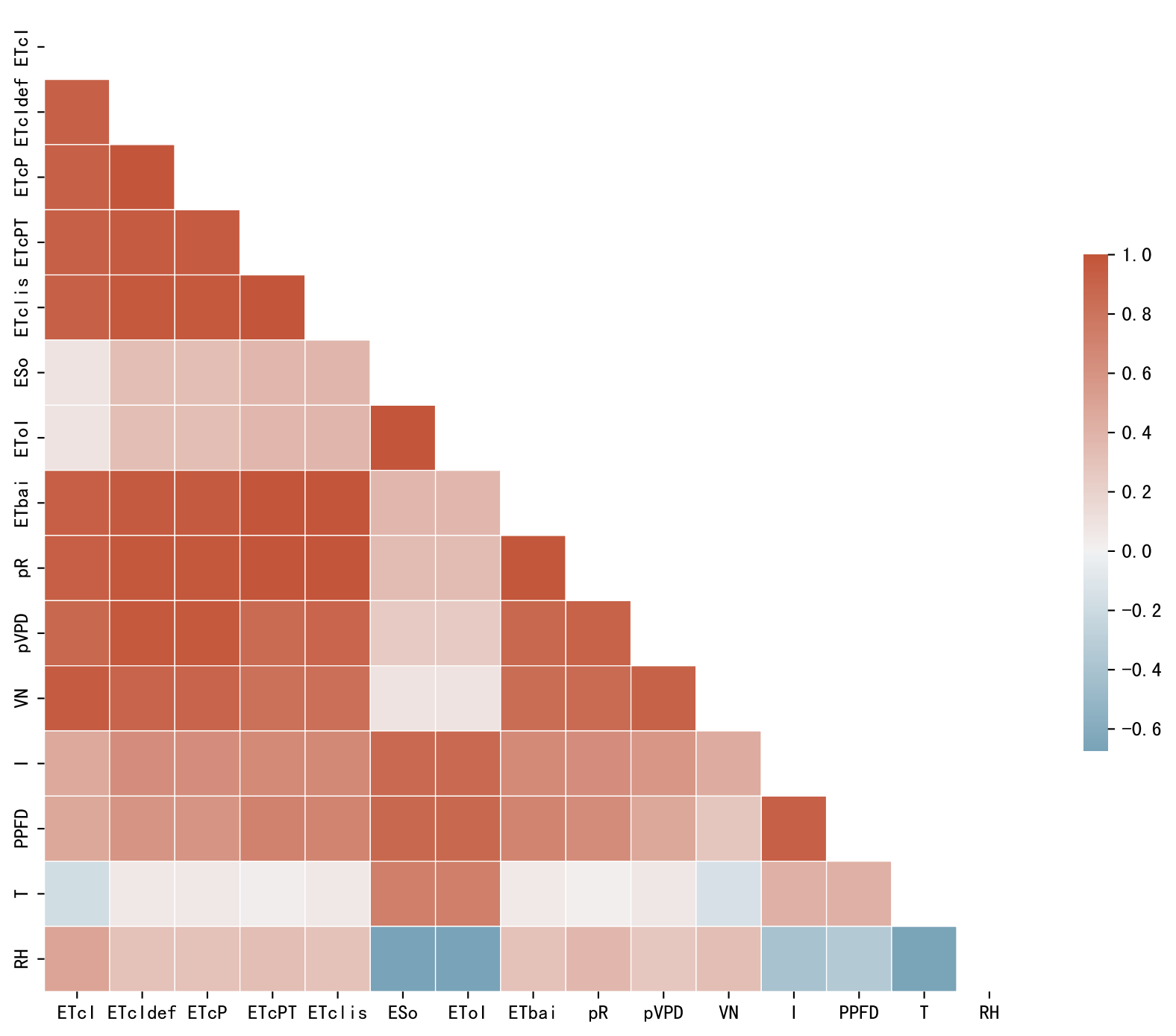

T
24
22
20
18
16
14

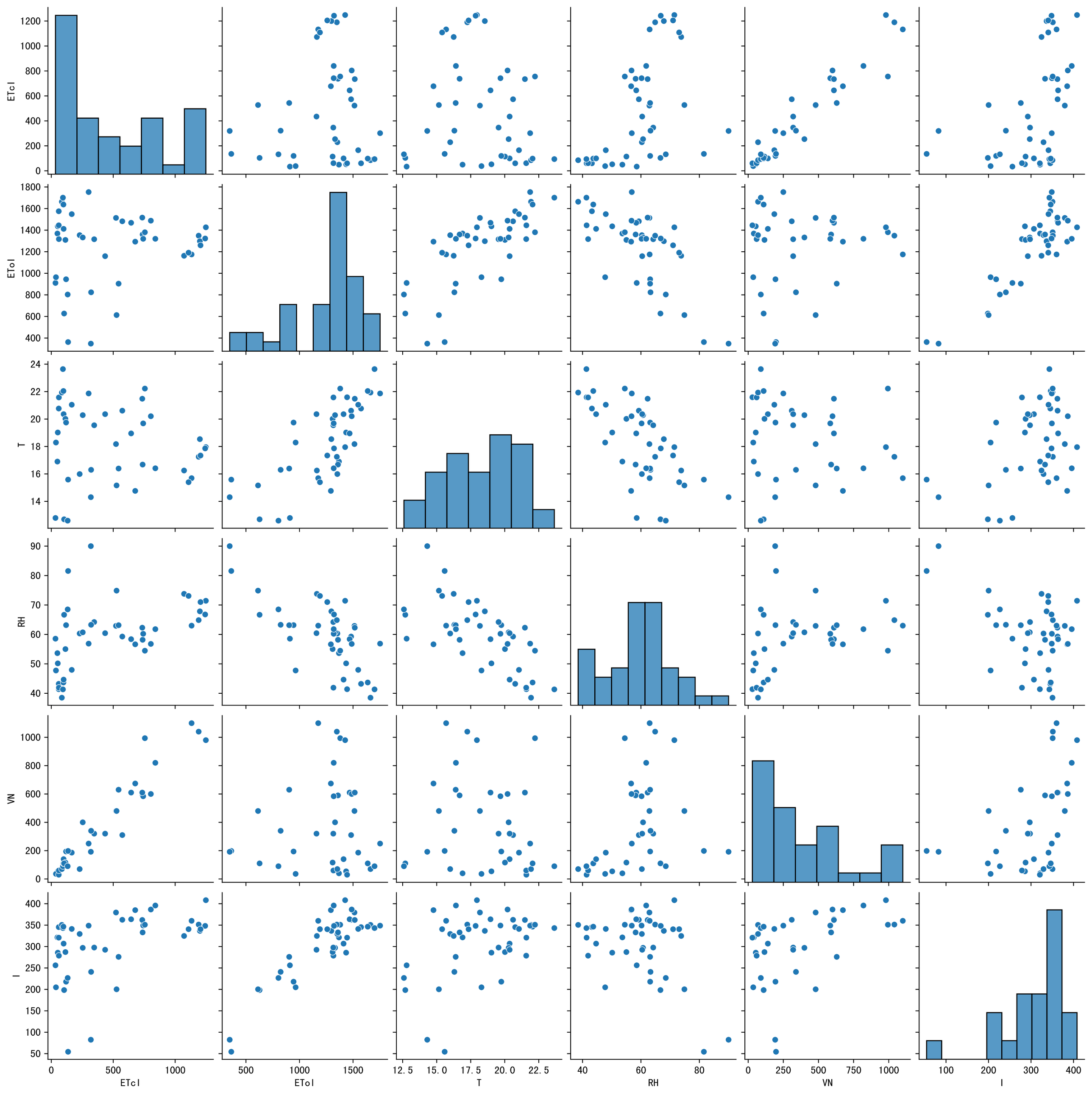

PPFD
500
400
300
200
100

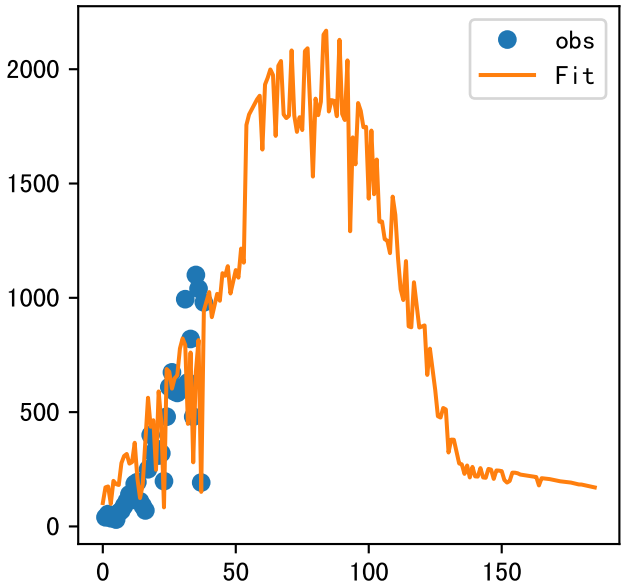

I
400
350
300
250
200
150
100
50

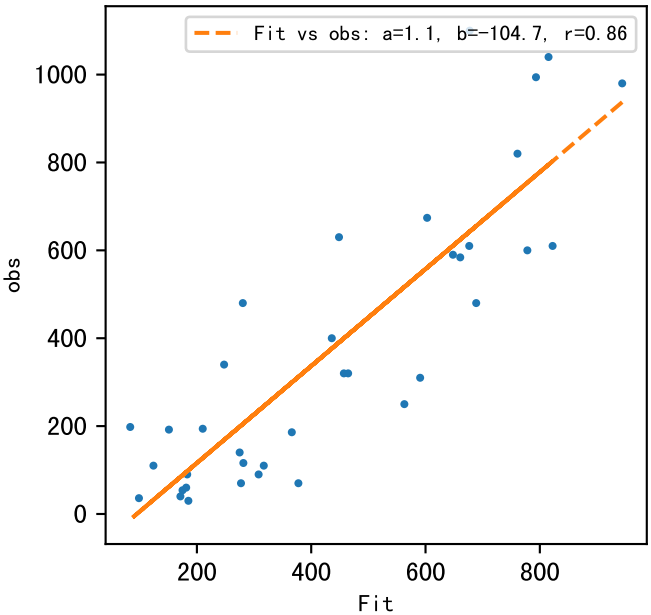

RH
90
80
70
60
50
40


ETclis
ETcPT
ETcRn
1000
800
600
400
200
0
0
5
10
15
20
25
30
35
40
d

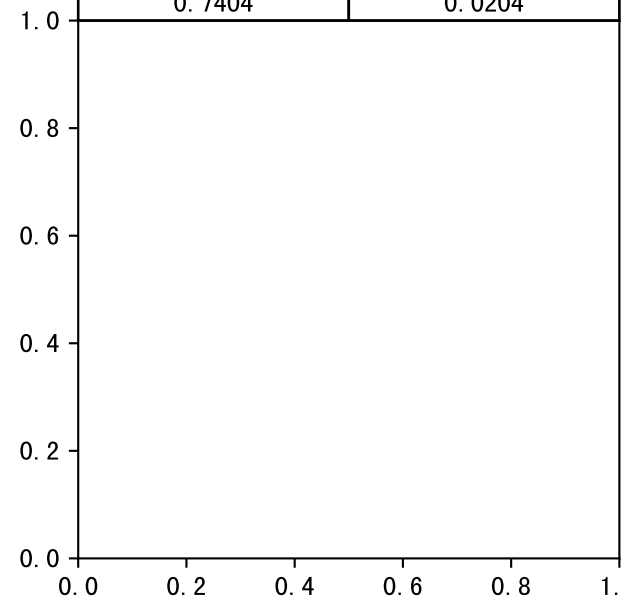

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

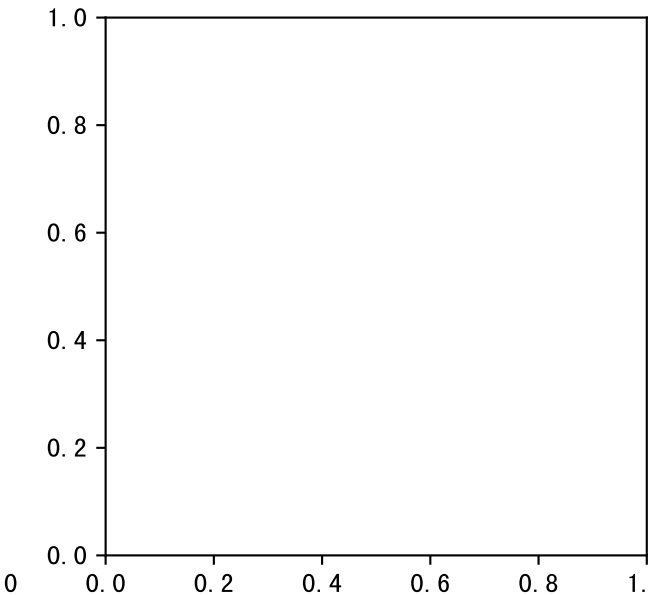

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

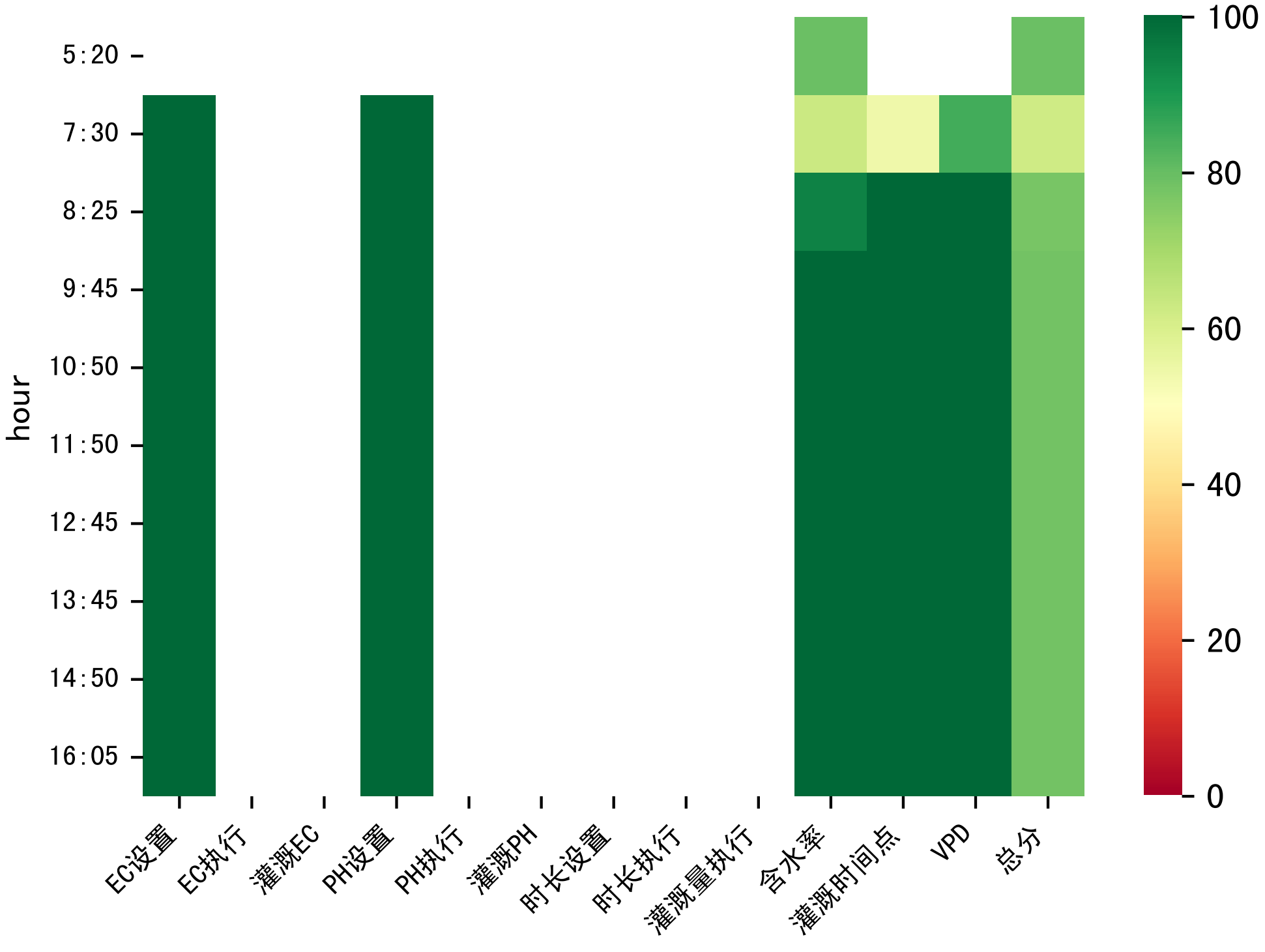




baiA	baiB
0.7404	0.0204



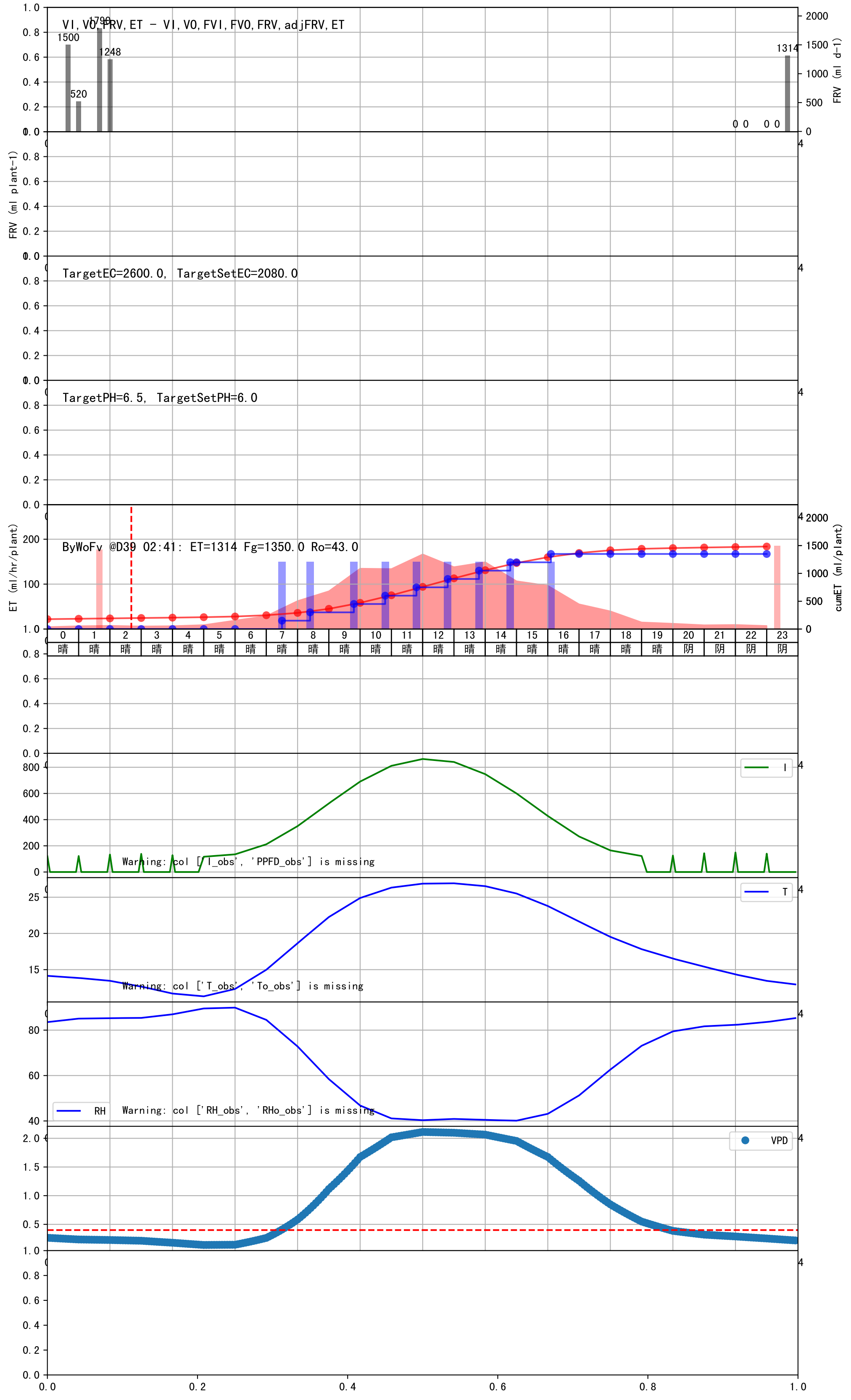


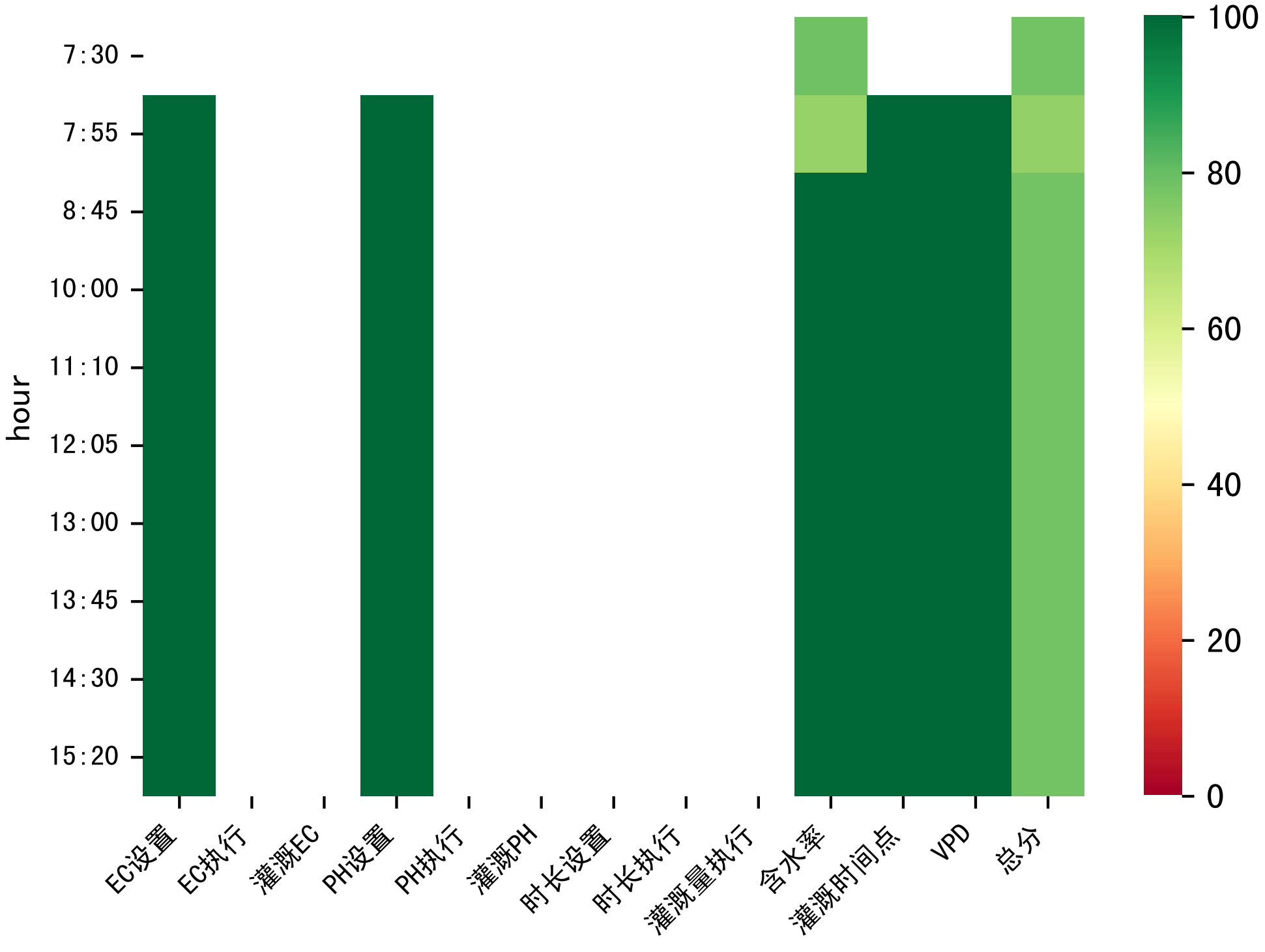

hour
5:20
7:30
8:25
9:45
10:50
11:50
12:45
13:45
14:50
16:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:30	278	150.0	晴	预期@07:30 未知程序（未用传感器）
08:25	278	150.0	晴	预期@08:25 未知程序（未用传感器）
09:45	278	150.0	晴	预期@09:45 未知程序（未用传感器）
10:50	278	150.0	晴	预期@10:50 未知程序（未用传感器）
11:50	278	150.0	晴	预期@11:50 未知程序（未用传感器）
12:45	278	150.0	晴	预期@12:45 未知程序（未用传感器）
13:45	278	150.0	晴	预期@13:45 未知程序（未用传感器）
14:50	278	150.0	晴	预期@14:50 未知程序（未用传感器）
16:05	278	150.0	晴	预期@16:05 未知程序（未用传感器）
总计	2502.0 (9次)	1350.0		建议进液EC：2080.0， PH：6.0

昨天灌溉EC（2575.0）与设定EC（2000.0）偏差较大，请检查

P3-1_0, Day=39 (2025-05-07)

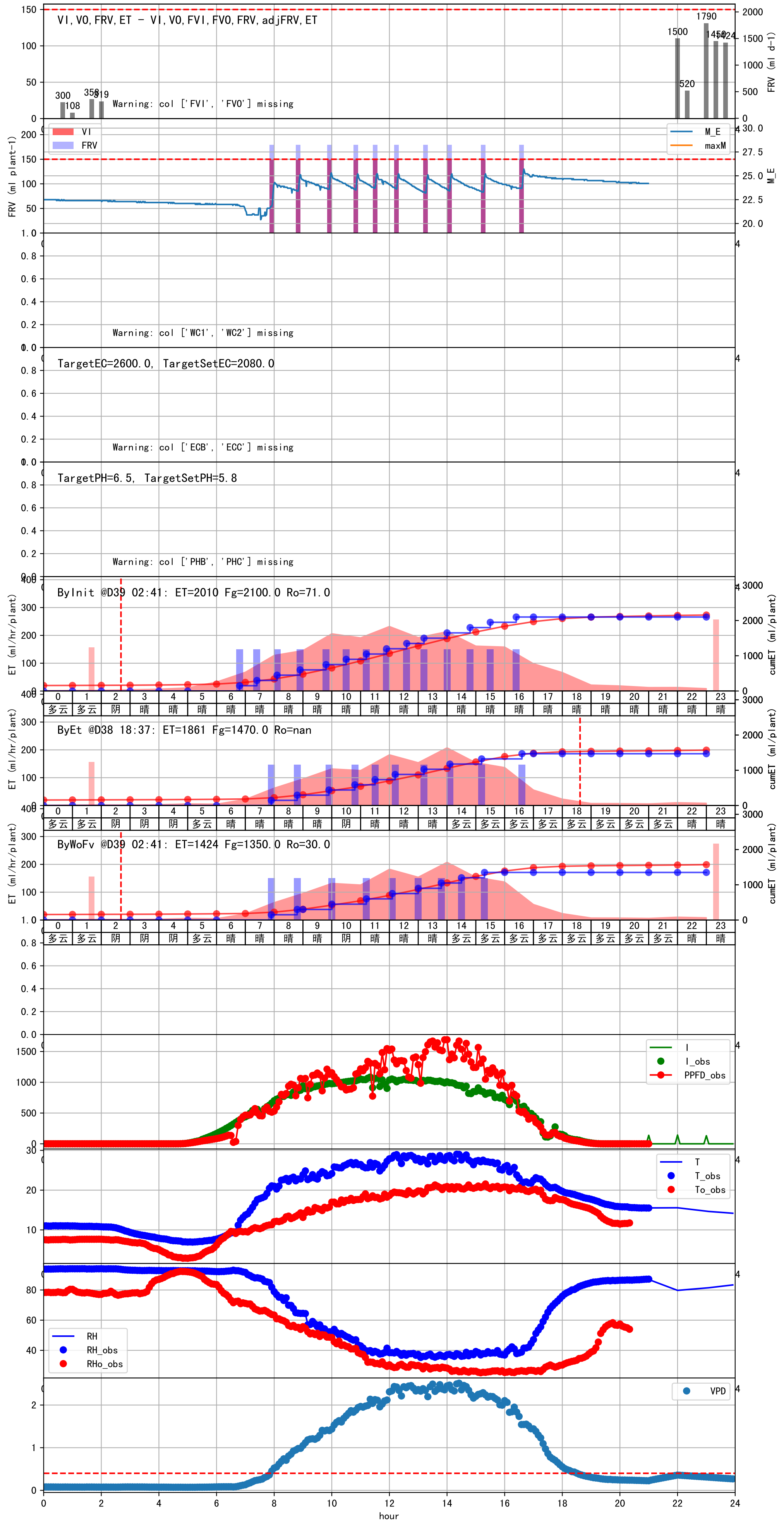


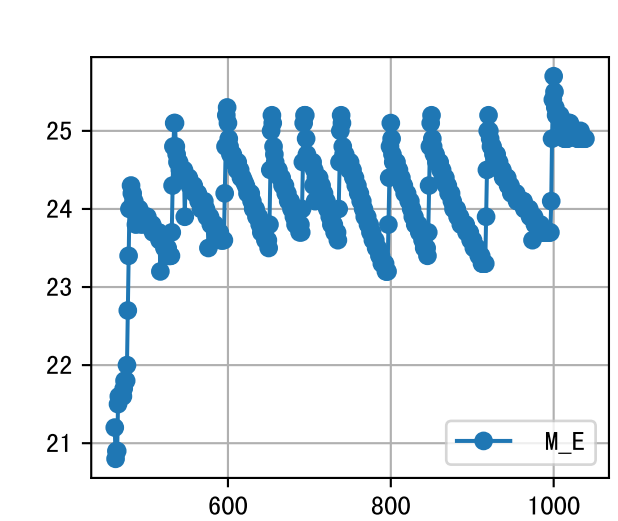

hour
7:30
7:55
8:45
10:00
11:10
12:05
13:00
13:45
14:30
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

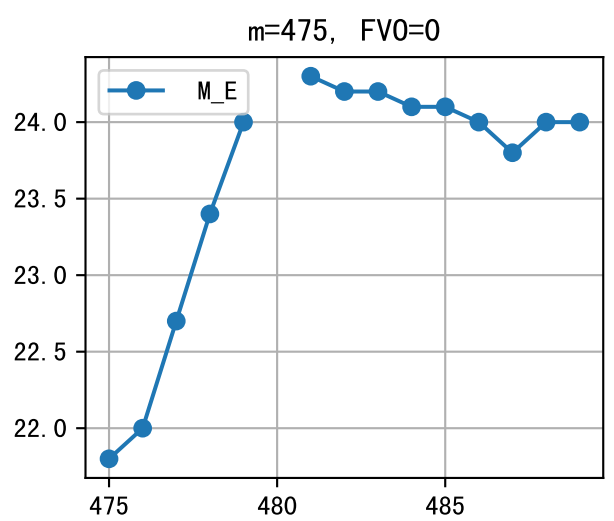
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:55	278	150.0	晴	假设@07:55 自动（未用传感器）
08:45	278	150.0	晴	假设@08:45 自动（未用传感器）
10:00	278	150.0	阴	假设@10:00 自动（未用传感器）
11:10	278	150.0	晴	假设@11:10 自动（未用传感器）
12:05	278	150.0	晴	假设@12:05 自动（未用传感器）
13:00	278	150.0	晴	假设@13:00 自动（未用传感器）
13:45	278	150.0	晴	假设@13:45 自动（未用传感器）
14:30	278	150.0	多云	假设@14:30 自动（未用传感器）
15:20	278	150.0	多云	假设@15:20 自动（未用传感器）
总计	2502.0 (9次)	1350.0		建议进液EC：2080.0， PH：5.8

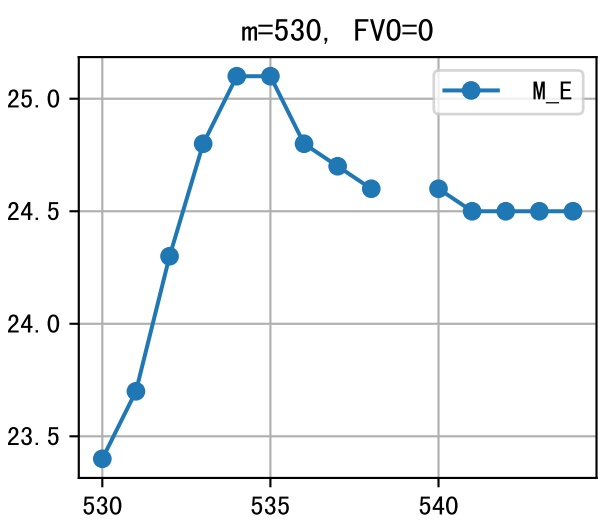
施肥机灌溉量与预期值不符 (179.0 : 145.0)，可能由于一阀多区不均匀
默认实际灌溉145.0 ml.
昨天灌溉EC（2565.0）与设定EC（2000.0）偏差较大，请检查

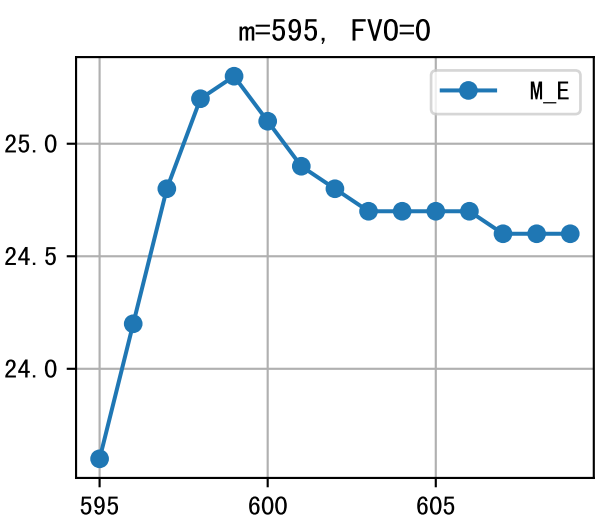
P3-1_0, Day=38 (2025-05-06)

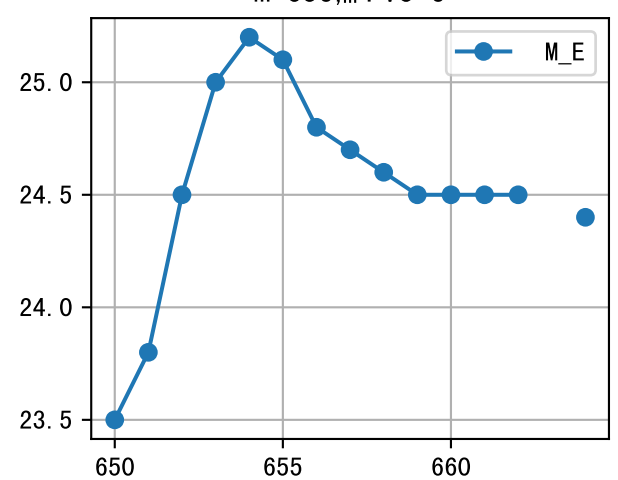


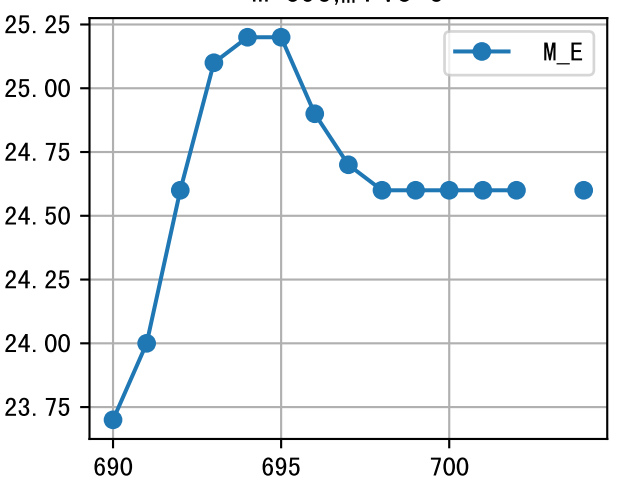

M_E

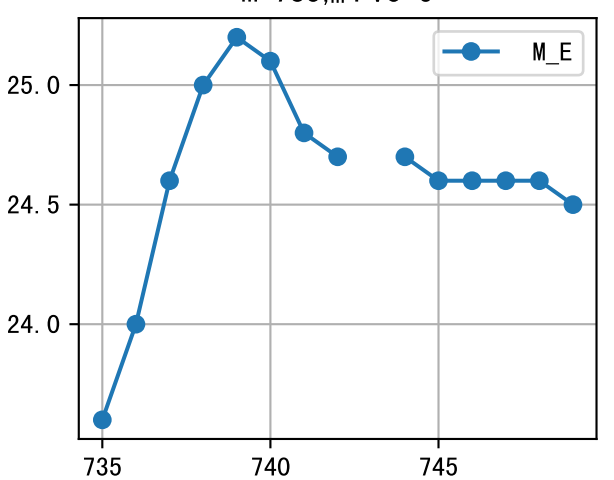

m=475, FV0=0
M_E

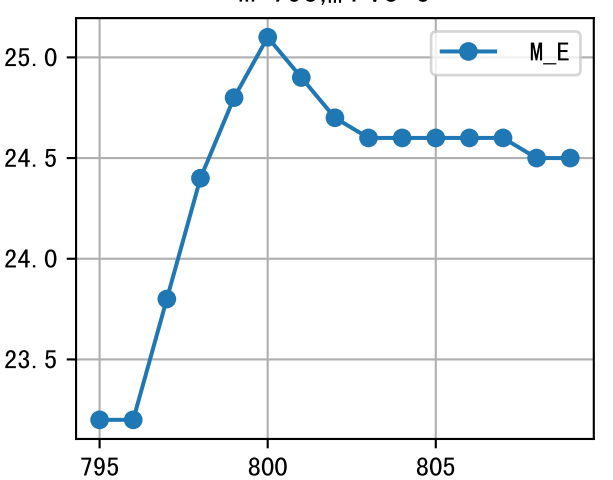

m=530, FV0=0
M_E

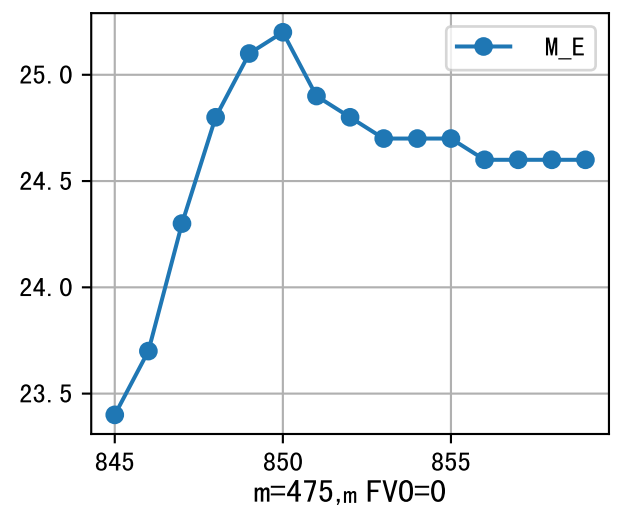

m=595, FV0=0
M_E

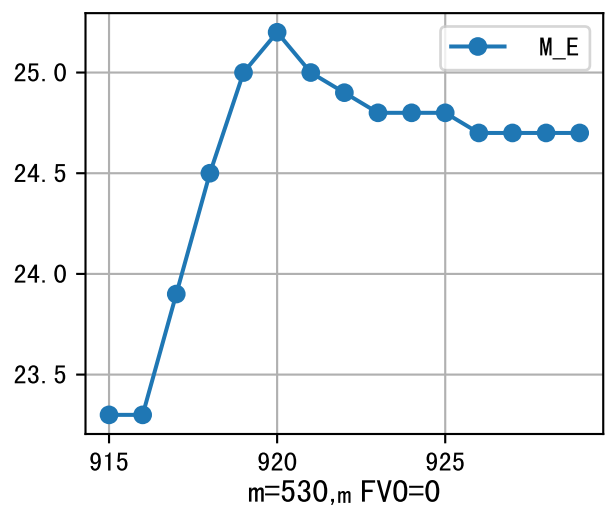

m=650,m FV0=0
M_E

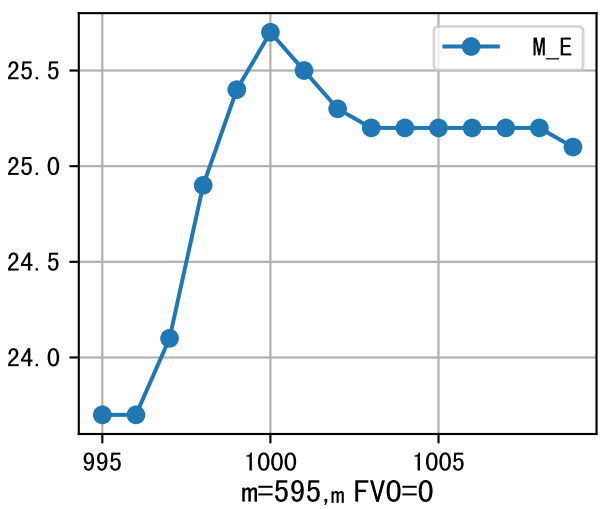

m=690,m FV0=0
M_E

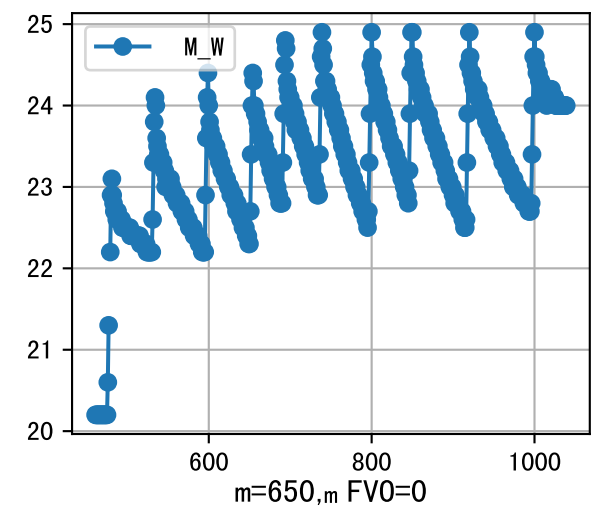

m=735,m FV0=0
M_E

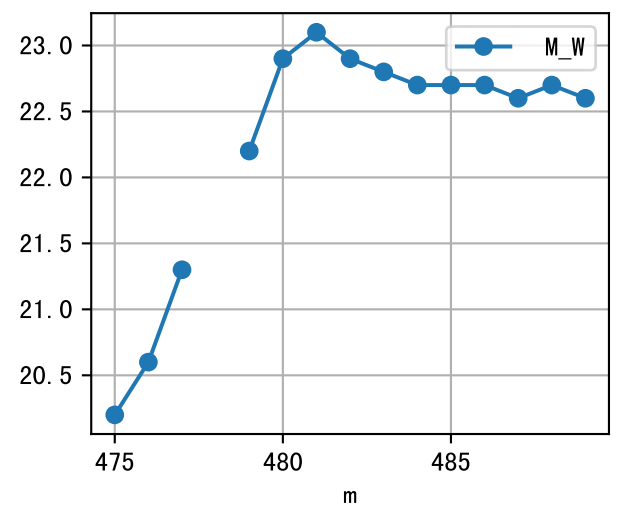

m=795,m FV0=0
M_E
m

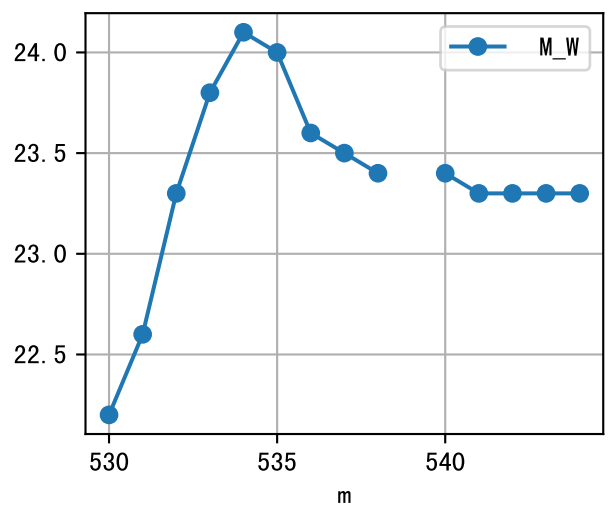

m=845,m FV0=0
M_E

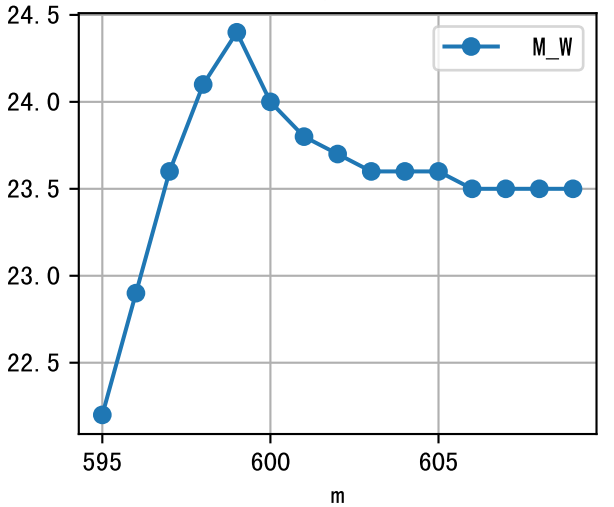

m=915,m FV0=0
M_E

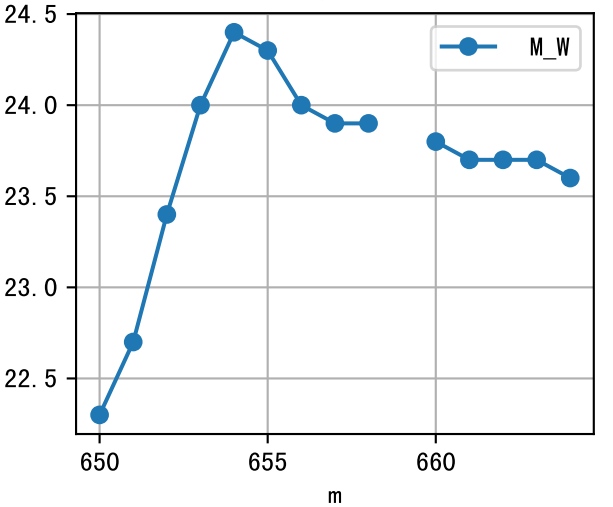

m=995,m FV0=0
M_E

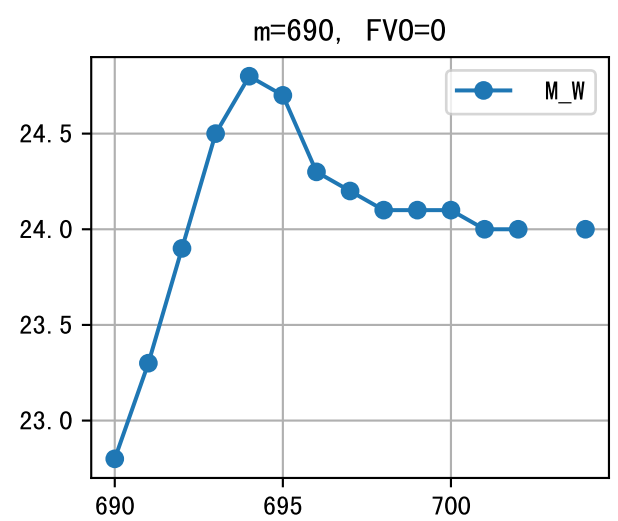

m=650,m FV0=0
M_W

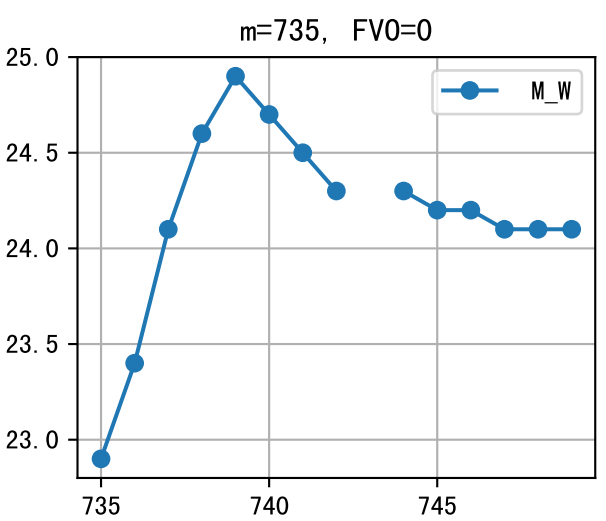

m=475,m FV0=0
M_W
m

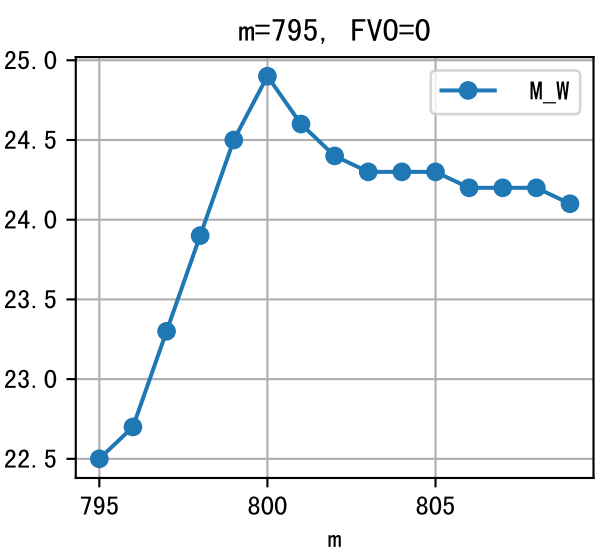

m=530,m FV0=0
M_W
m

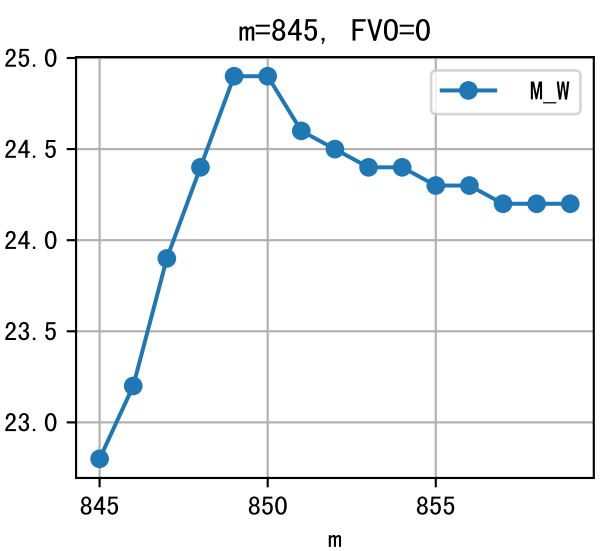

m=595,m FV0=0
M_W
m

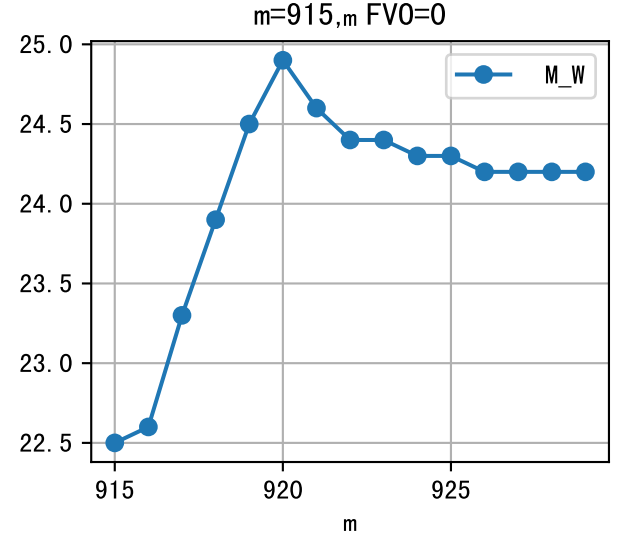

M_W
m

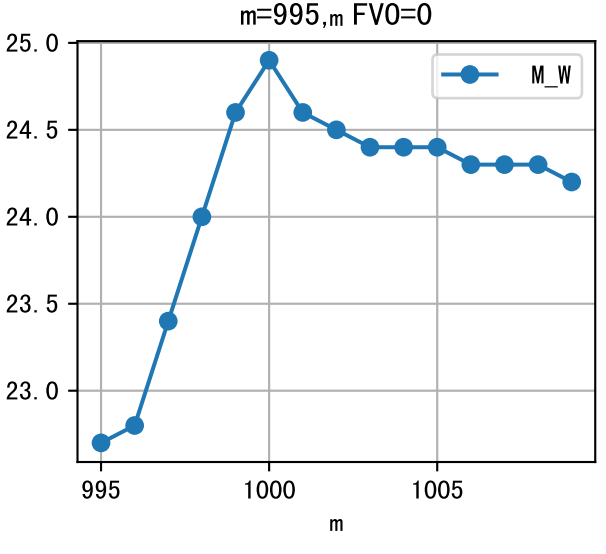

m=690, FV0=0
M_W
24.5
24.0
23.5
23.0
690
695
700

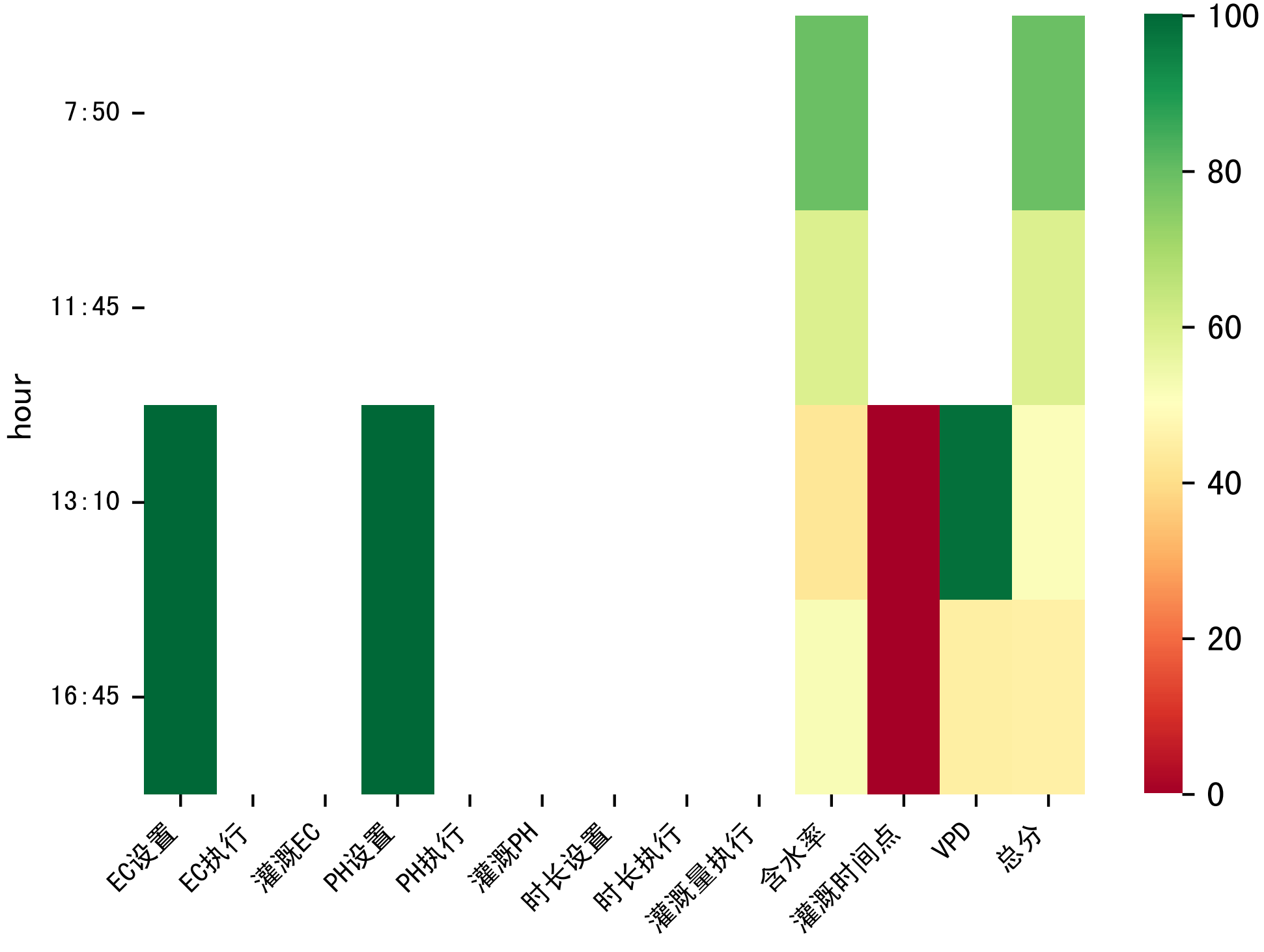

m=735, FV0=0
M_W
25.0
24.5
24.0
23.5
23.0
735
740
745


m=795, FV0=0
M_W
25.0
24.5
24.0
23.5
23.0
22.5
795
800
805
m


m=845, FV0=0
M_W
25.0
24.5
24.0
23.5
23.0
845
850
855
m


m=915,m FV0=0
M_W
25.0
24.5
24.0
23.5
23.0
22.5
915
920
925
m

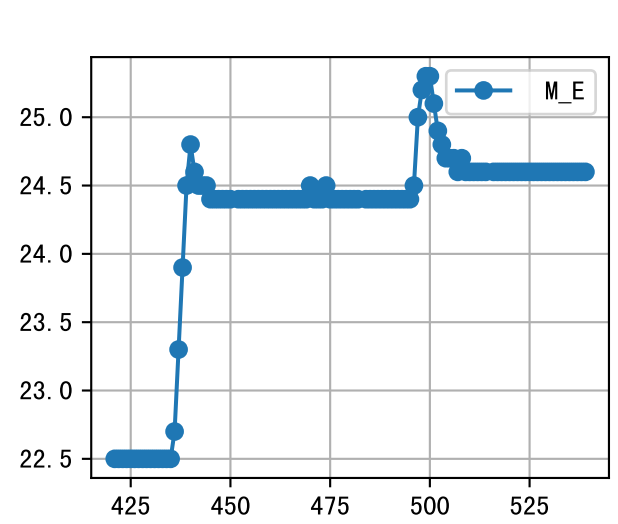

m=995,m FV0=0
M_W
25.0
24.5
24.0
23.5
23.0
995
1000
1005
m

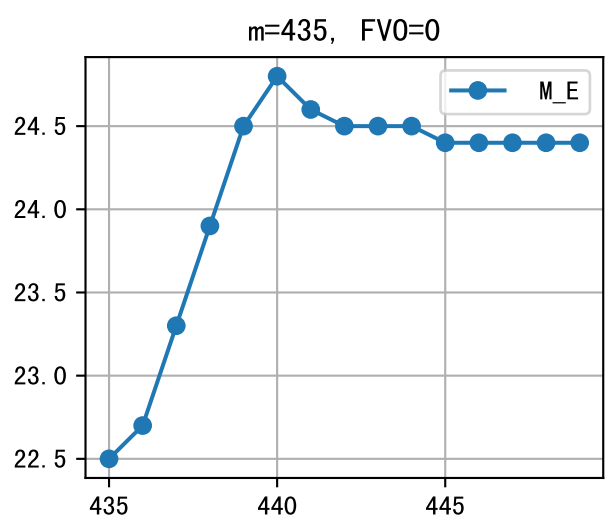

hour
7:50
11:45
13:10
16:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

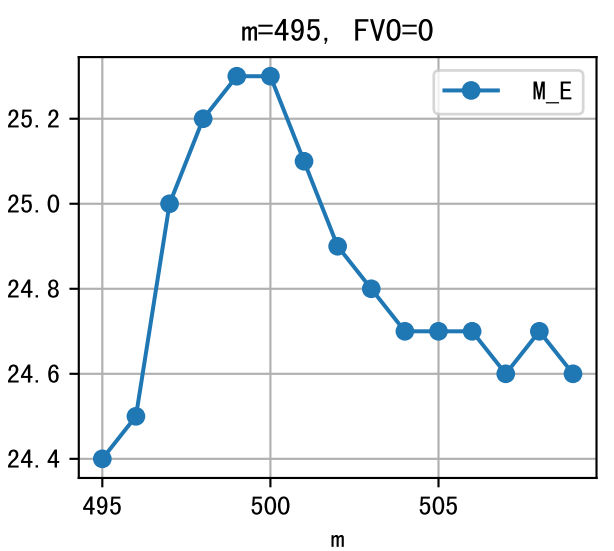
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
13:10	278	150.0	阴	假设@13:10 自动（未用传感器）
16:45	278	150.0	阴	假设@16:45 自动（未用传感器）
总计	556.0 (2次)	300.0		建议进液EC：2080.0， PH：5.6

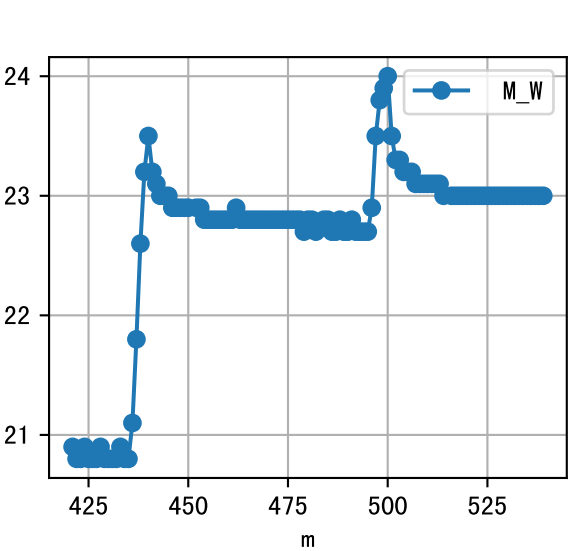
施肥机灌溉量与预期值不符 (179.0 : 142.0)，可能由于一阀多区不均匀
默认实际灌溉142.0 ml.
昨天灌溉EC（2610.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2610.0 vs 3984.0)偏高

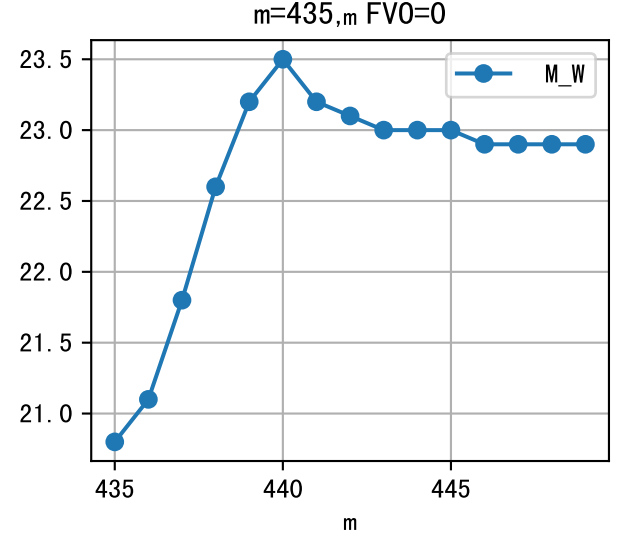
P3-1_0, Day=37 (2025-05-05)

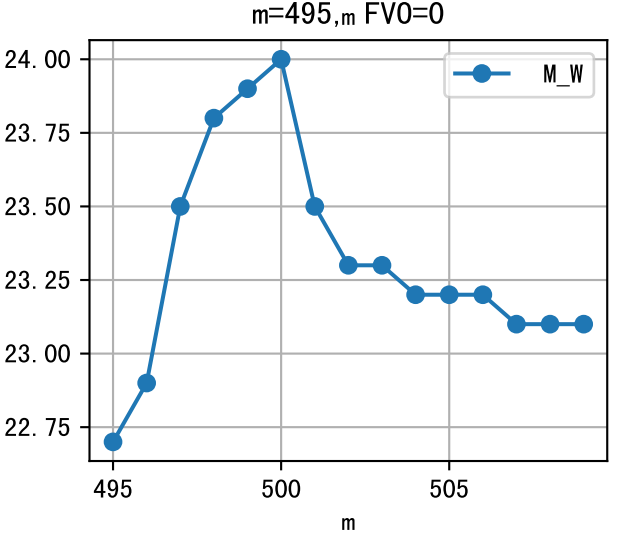

M_E
25.0
24.5
24.0
23.5
23.0
22.5
425
450
475
500
525

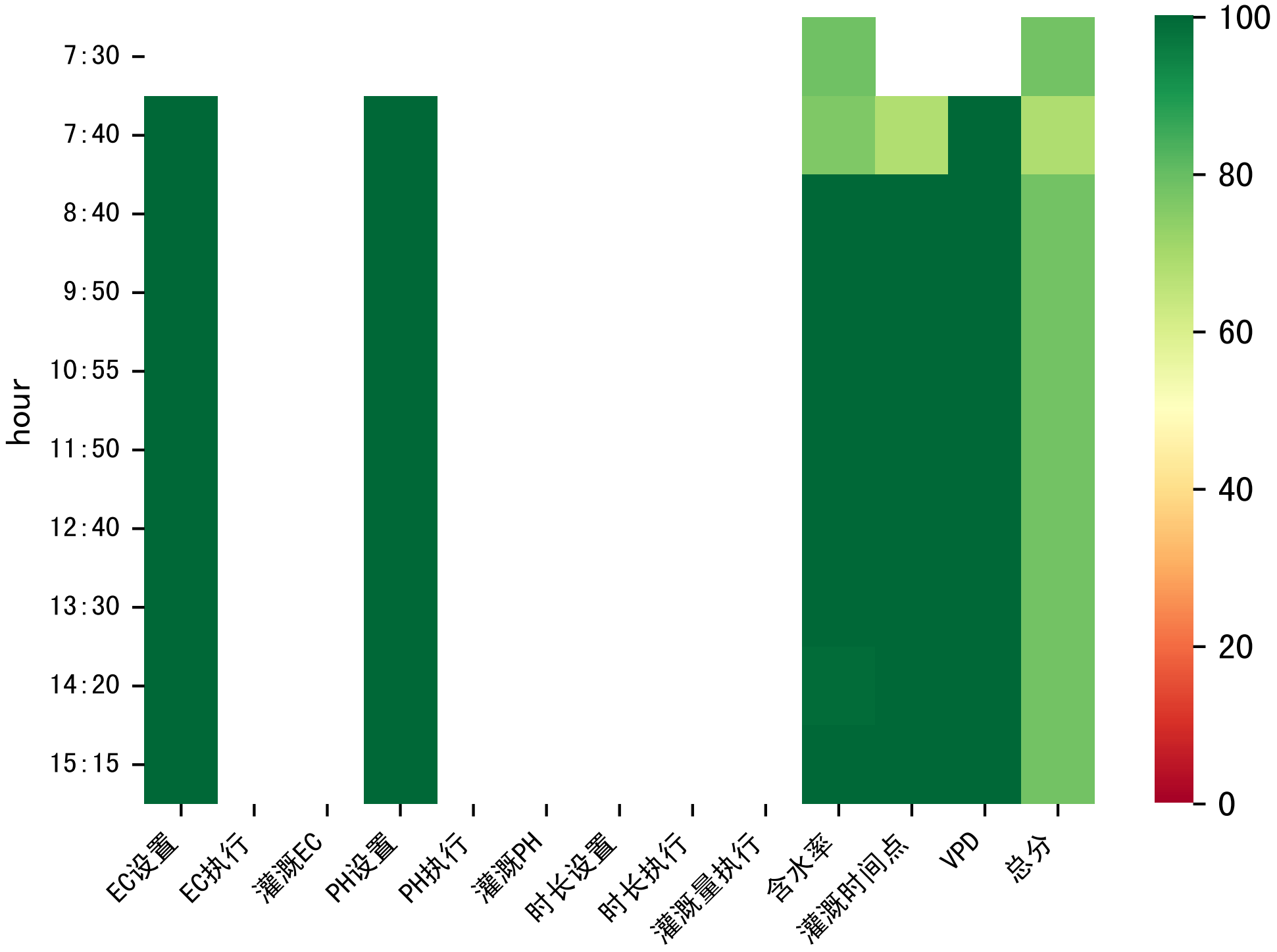

m=435, FV0=0
M_E
24.5
24.0
23.5
23.0
22.5
435
440
445


m=495, FV0=0
M_E
25.2
25.0
24.8
24.6
24.4
495
500
505
m


M_W
24
23
22
21
425
450
475
500
525
m


m=435,m FV0=0
M_W
23.5
23.0
22.5
22.0
21.5
21.0
435
440
445
m

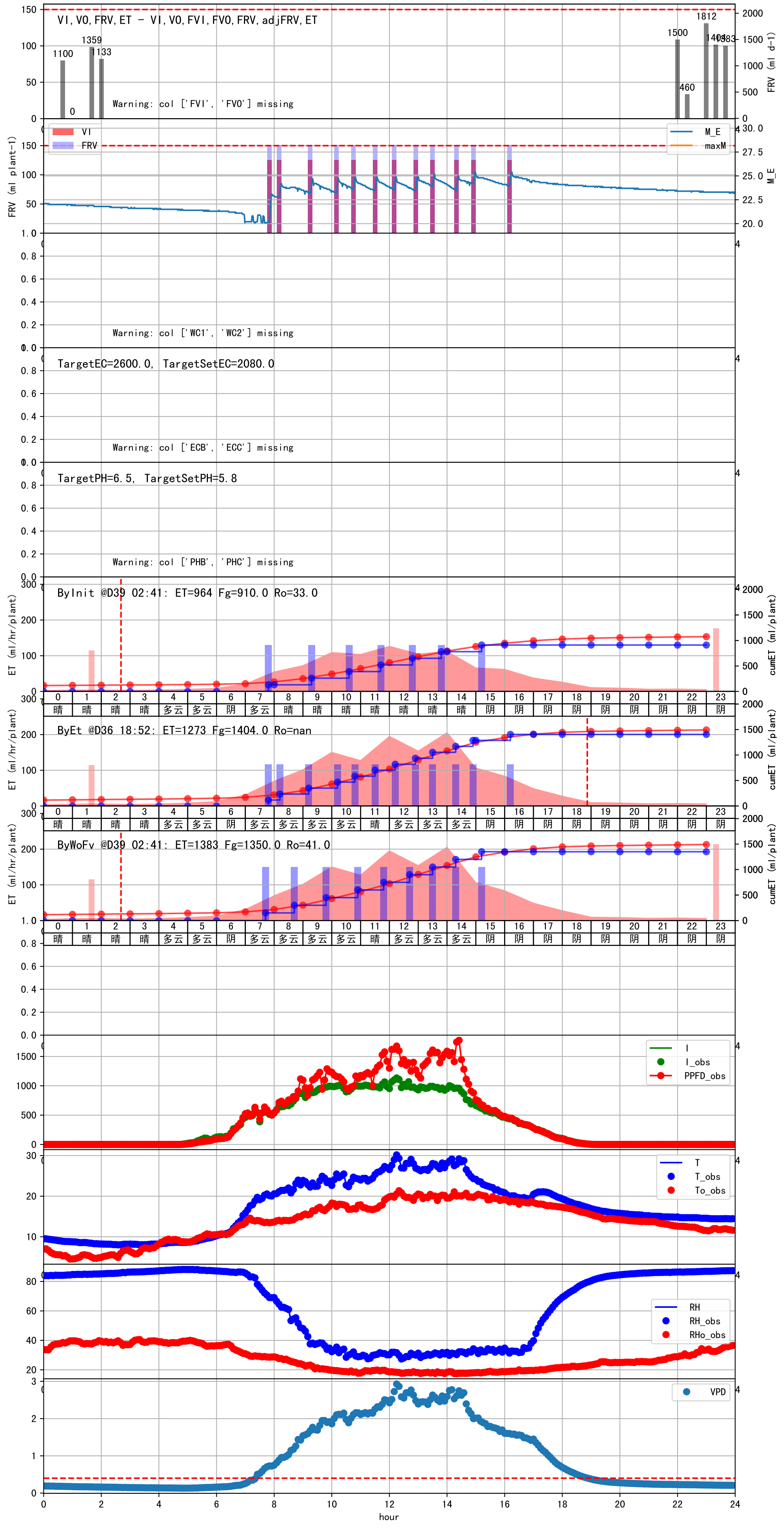

m=495,m FV0=0
M_W
24.00
23.75
23.50
23.25
23.00
22.75
495
500
505
m

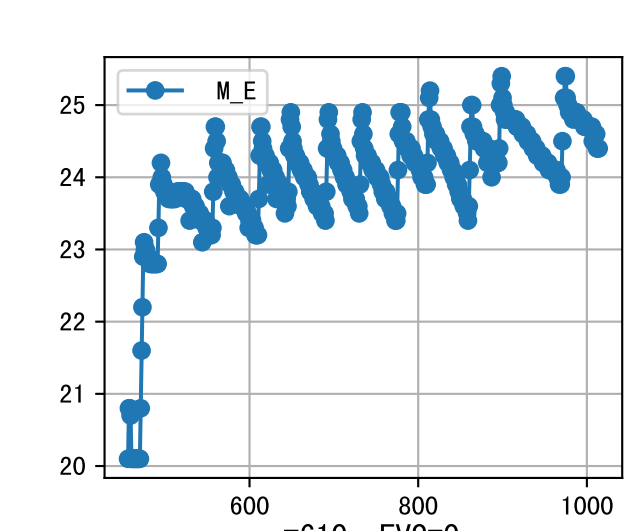

hour
7:30
7:40
8:40
9:50
10:55
11:50
12:40
13:30
14:20
15:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

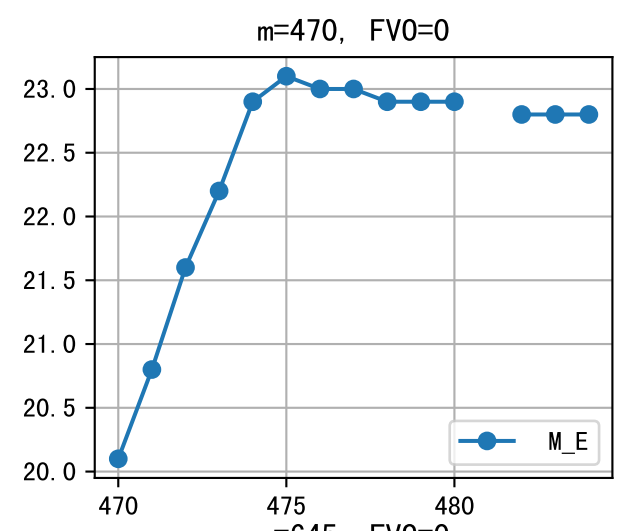
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
07:40	234	150.0	多云	假设@07:40 自动（未用传感器）
08:40	234	150.0	多云	假设@08:40 自动（未用传感器）
09:50	234	150.0	多云	假设@09:50 自动（未用传感器）
10:55	234	150.0	多云	假设@10:55 自动（未用传感器）
11:50	234	150.0	晴	假设@11:50 自动（未用传感器）
12:40	234	150.0	多云	假设@12:40 自动（未用传感器）
13:30	234	150.0	多云	假设@13:30 自动（未用传感器）
14:20	234	150.0	多云	假设@14:20 自动（未用传感器）
15:15	234	150.0	阴	假设@15:15 自动（未用传感器）
总计	2106.0 (9次)	1350.0		建议进液EC：2080.0， PH：5.8

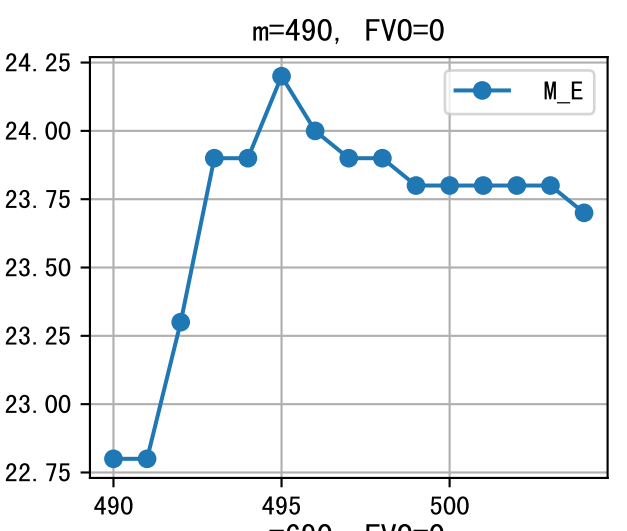
施肥机灌溉量与预期值不符 (151.0 : 117.0)，可能由于一阀多区不均匀
上次灌溉时长(234)与预期(300.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉117.0 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2590.0）与设定EC（2000.0）偏差较大，请检查
进回液EC差(2590.0 vs 5112.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

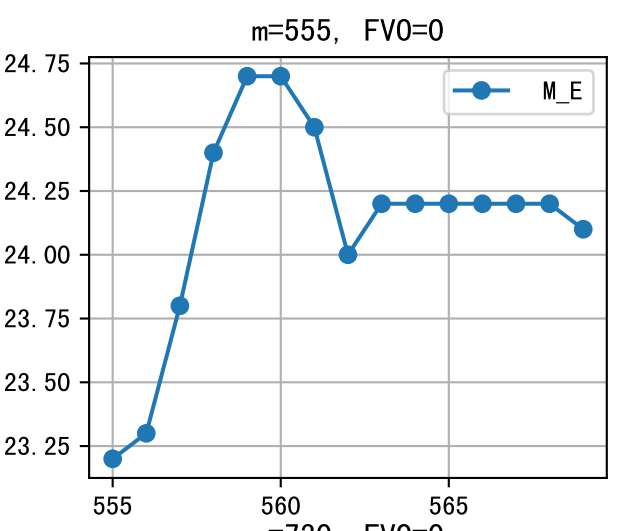
P3-1_0, Day=36 (2025-05-04)

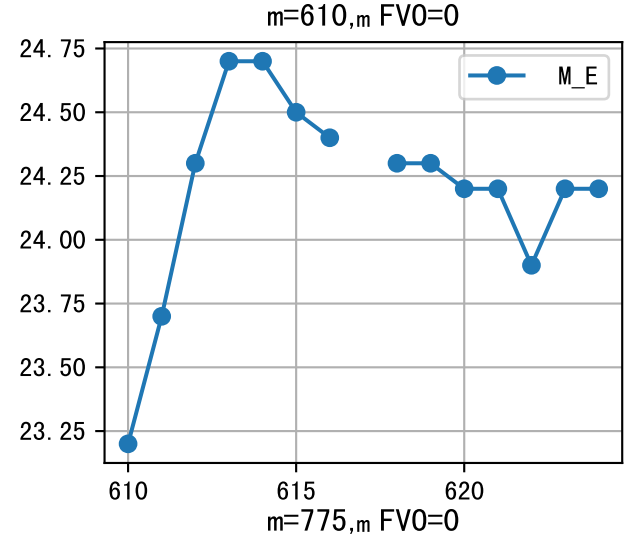


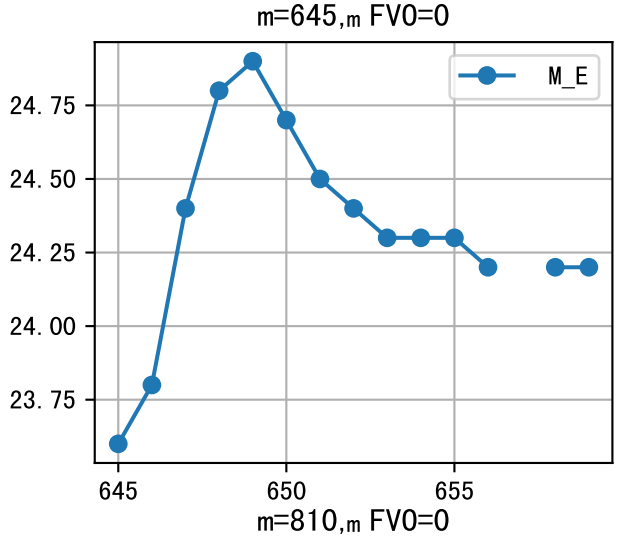

M_E

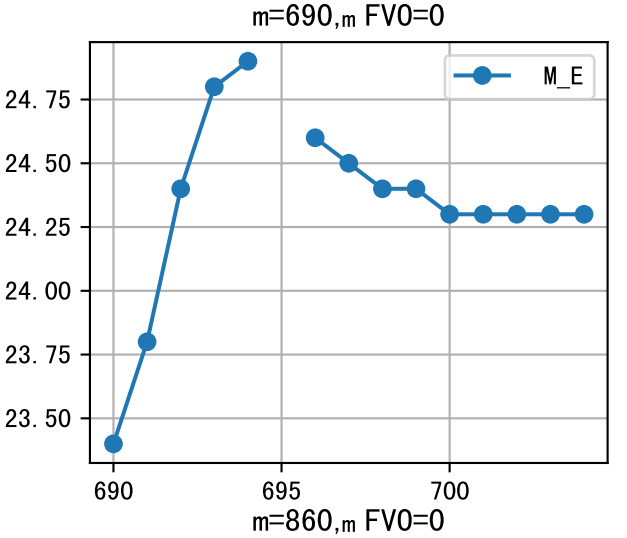

m=470, FV0=0
M_E

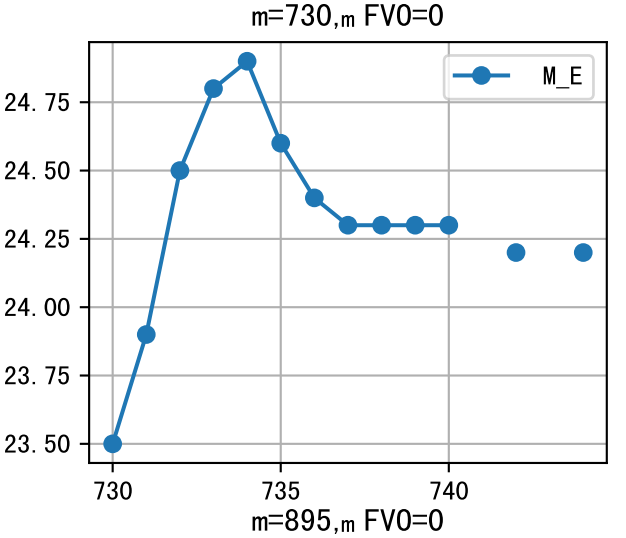

m=490, FV0=0
M_E

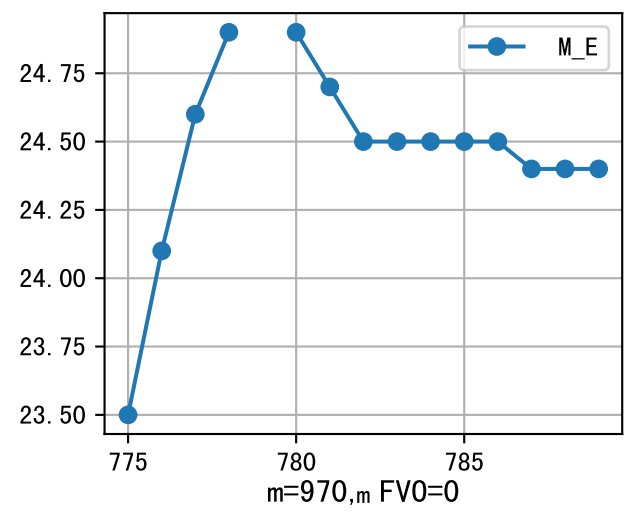

m=555, FV0=0
M_E

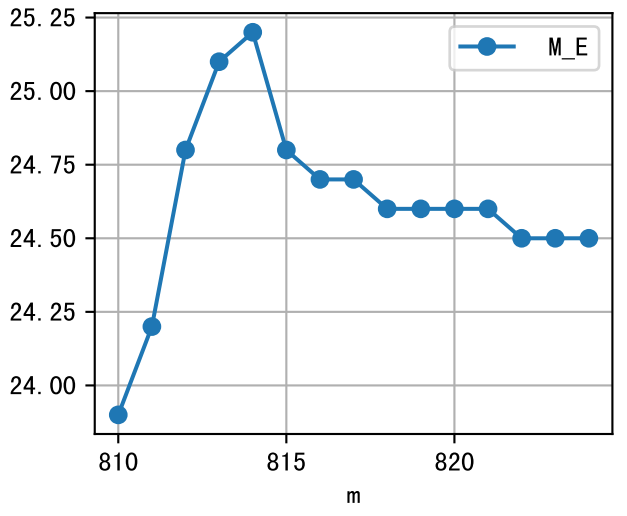

m=610,m FV0=0
M_E

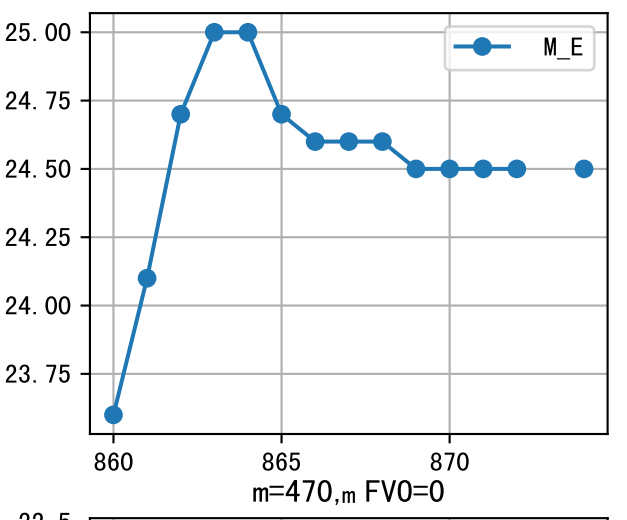

m=645,m FV0=0
M_E

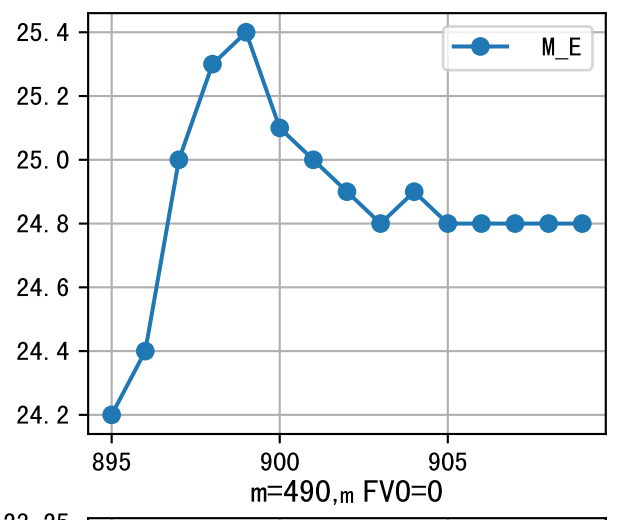

m=690,m FV0=0
M_E

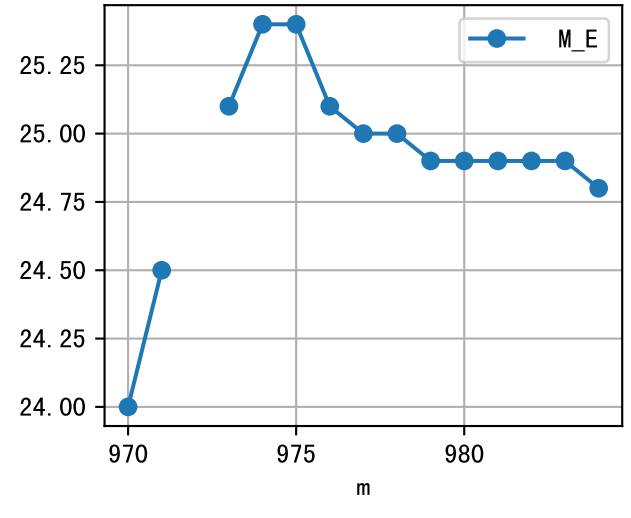

m=730,m FV0=0
M_E

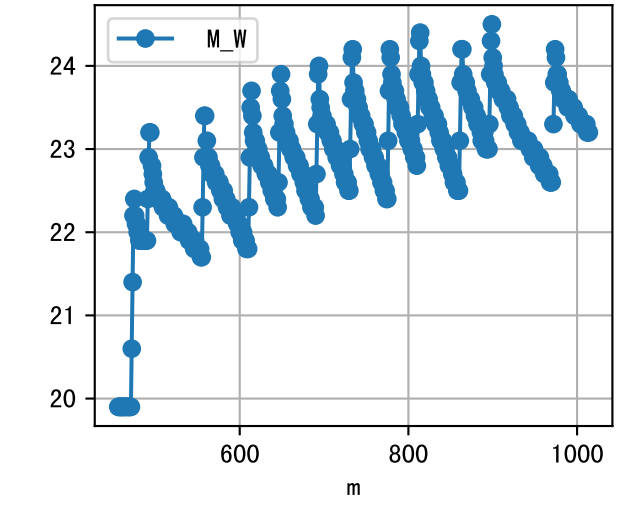

m=775,m FV0=0
M_E

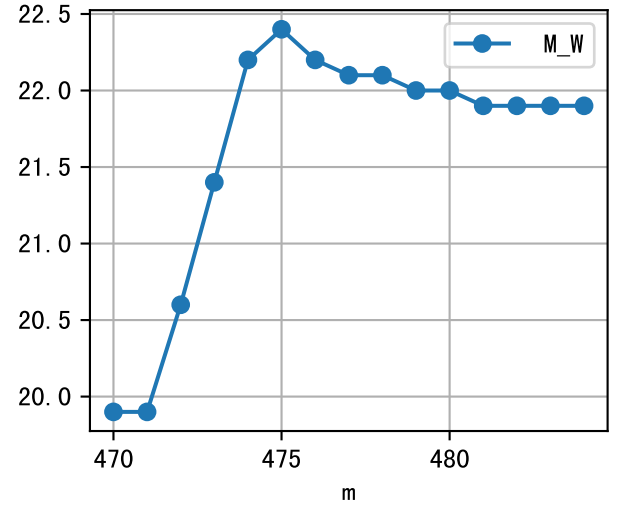

m=810,m FV0=0
M_E
m

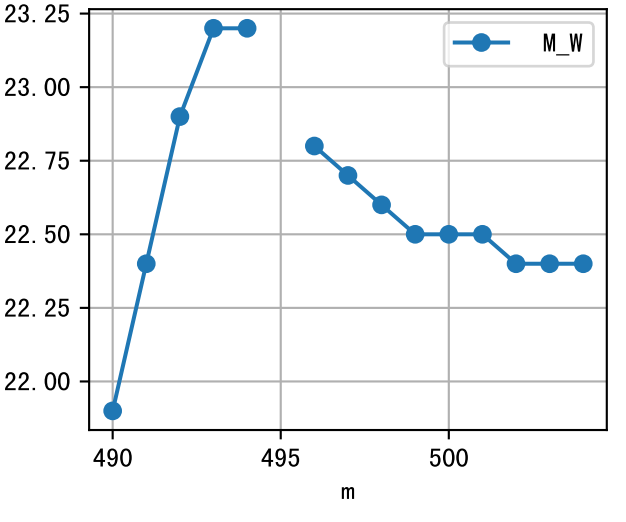

m=860,m FV0=0
M_E

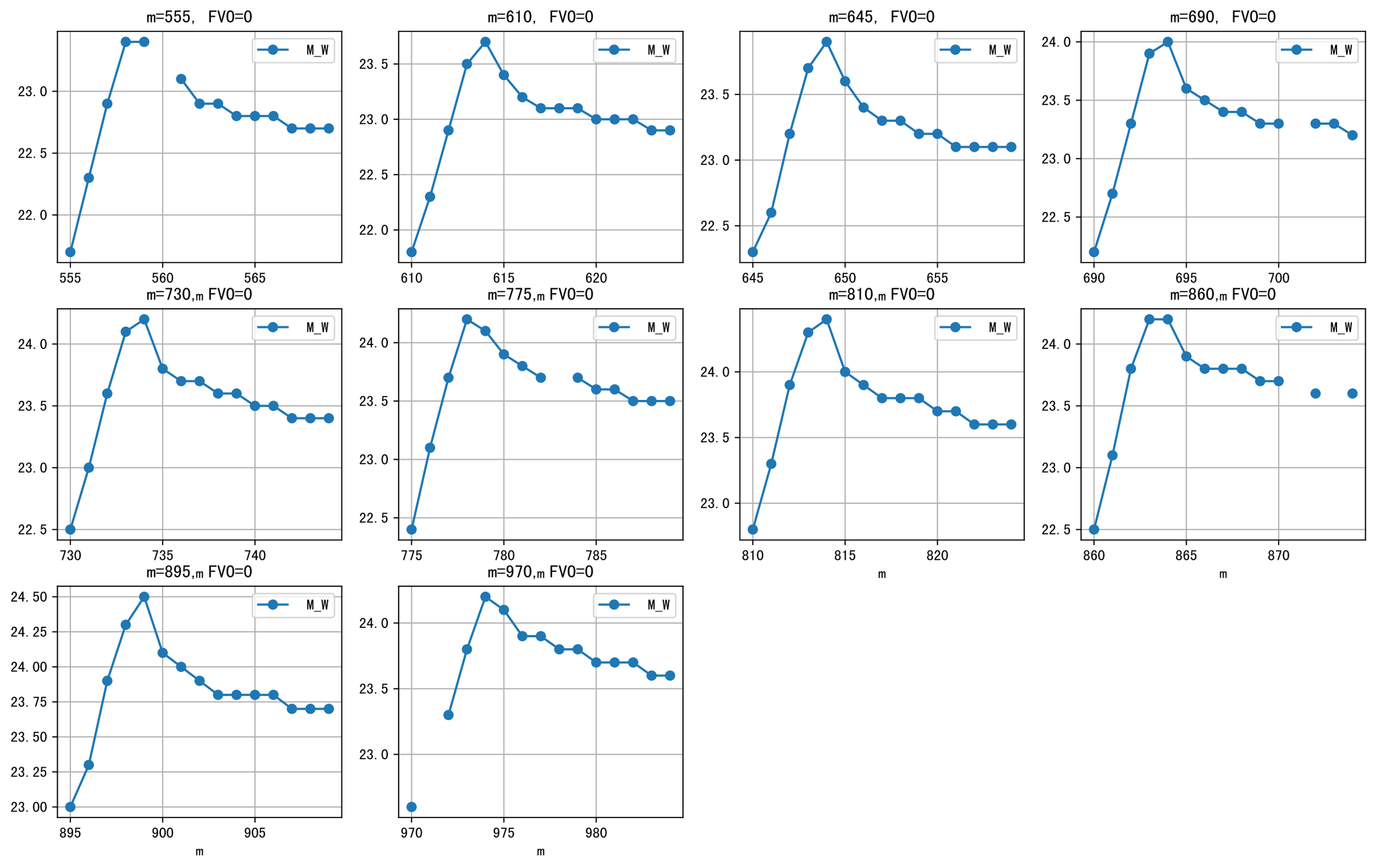

m=895,m FV0=0
M_E


m=970,m FV0=0
M_E
m


M_W
m


m=470,m FV0=0
M_W
m


m=490,m FV0=0
M_W
m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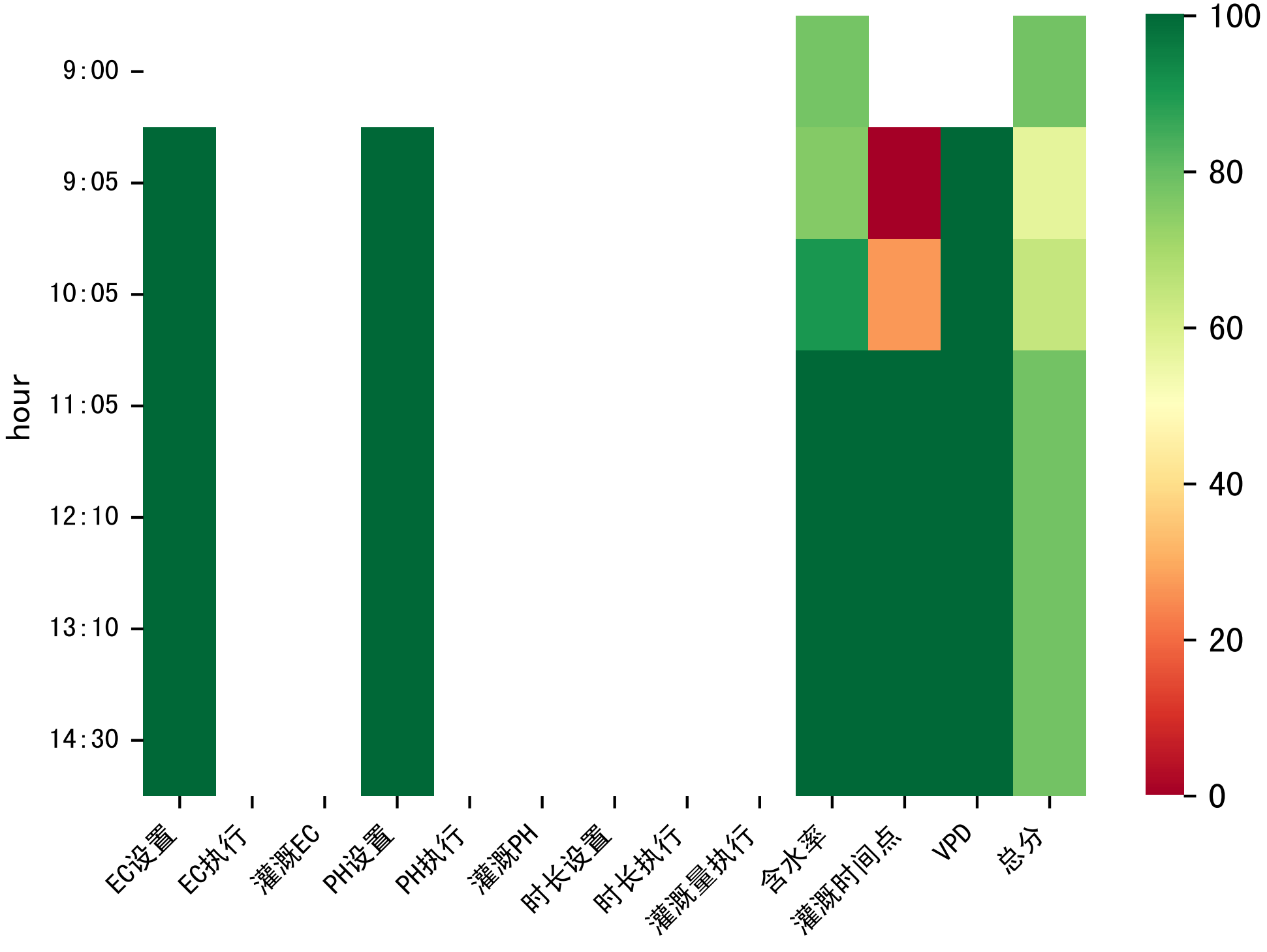
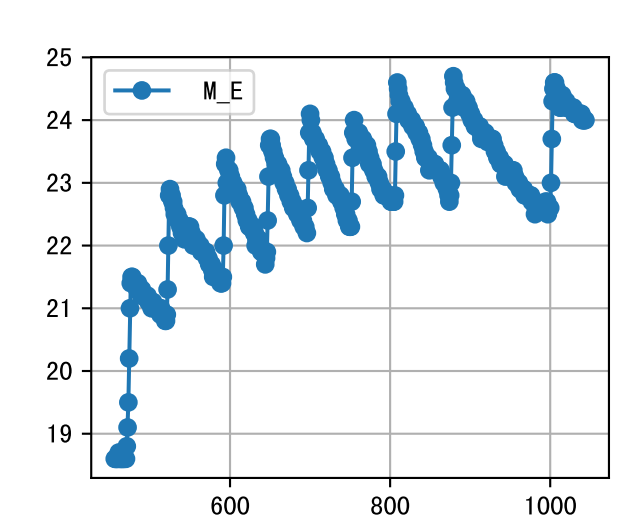
m=610, FV0=0
m=645, FV0=0
m=690, FV0=0
m=730,m FV0=0
m=775,m FV0=0
m=810,m FV0=0
m=860,m FV0=0
m=895,m FV0=0
m=970,m FV0=0
M_W
m

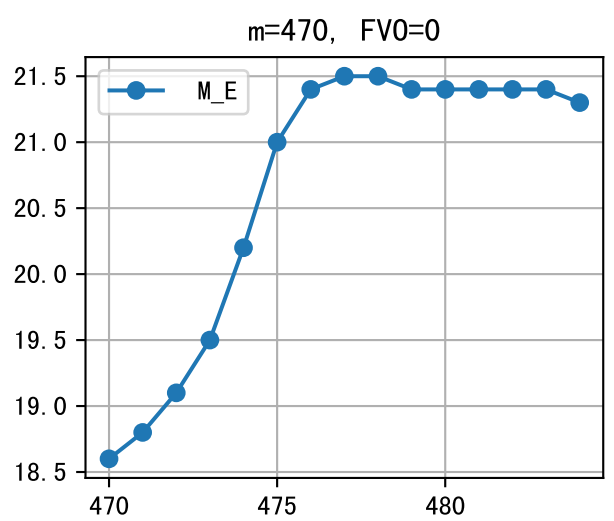

hour
9:00
9:05
10:05
11:05
12:10
13:10
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

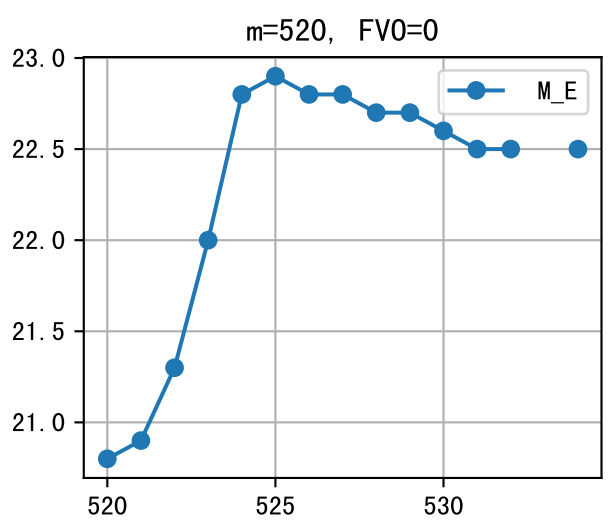
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
09:05	234	150.0	晴	假设@09:05 自动（未用传感器）
10:05	234	150.0	晴	假设@10:05 自动（未用传感器）
11:05	234	150.0	晴	假设@11:05 自动（未用传感器）
12:10	234	150.0	晴	假设@12:10 自动（未用传感器）
13:10	234	150.0	晴	假设@13:10 自动（未用传感器）
14:30	234	150.0	晴	假设@14:30 自动（未用传感器）
总计	1404.0 (6次)	900.0		建议进液EC：2080.0， PH：5.8

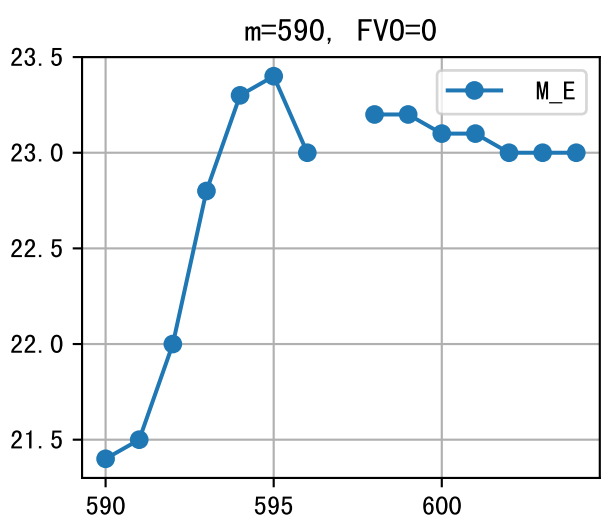
施肥机灌溉量与预期值不符 (151.0 : 117.0)，可能由于一阀多区不均匀
上次灌溉时长(234)与预期(300.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉117.0 ml.
large discrepency for begining water status (55:288.0), set to 55 ml.
昨天进回液EC数据缺失.
昨天灌溉EC（2595.0）与设定EC（2000.0）偏差较大，请检查
回液EC 6240.0 太高，建议用低EC肥液冲洗基质
进回液EC差(2595.0 vs 6240.0)过高
昨天灌溉进排液EC/PH值缺失，可能影响模型决策

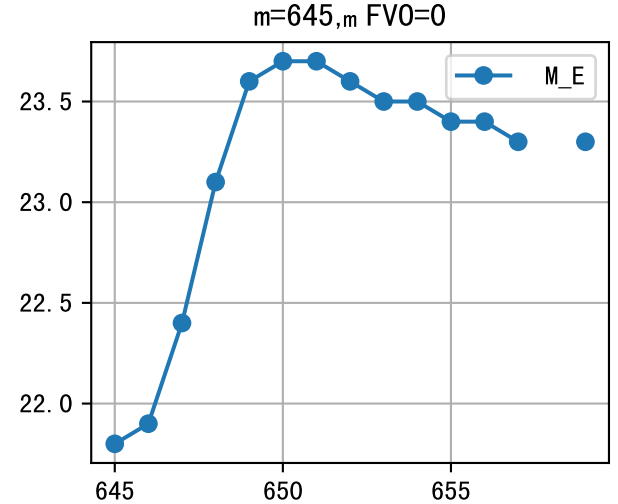
P3-1_0, Day=35 (2025-05-03)

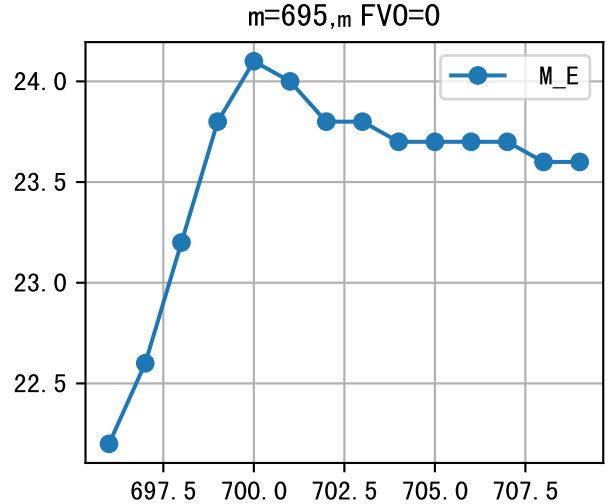

M_E

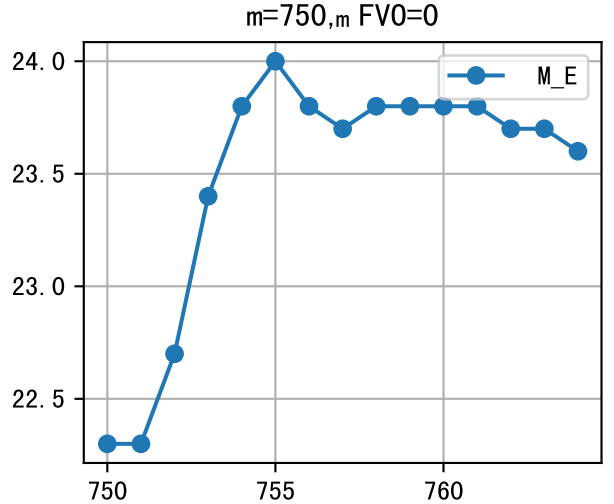

m=470, FV0=0
M_E

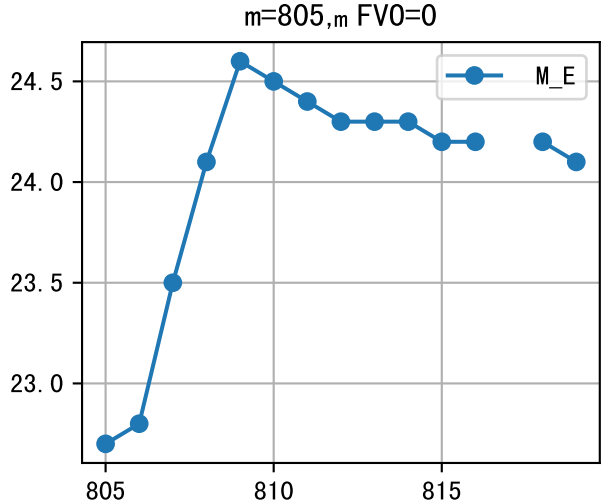

m=520, FV0=0
M_E

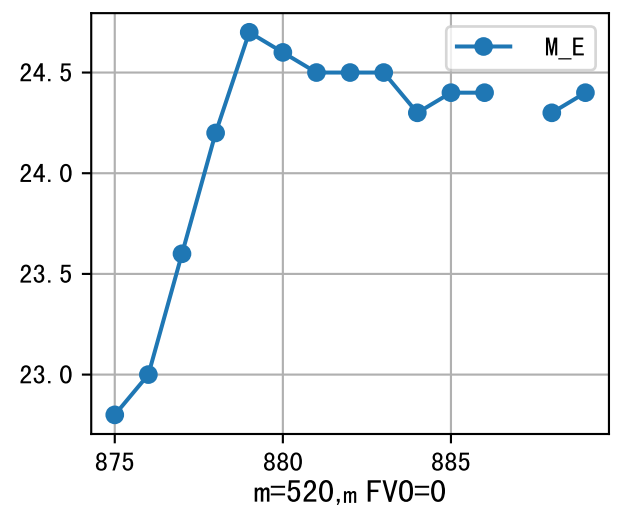

m=590, FV0=0
M_E

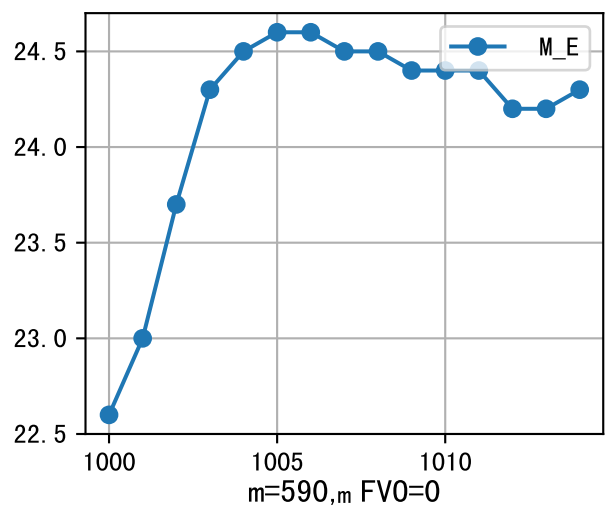

m=645,m FV0=0
M_E

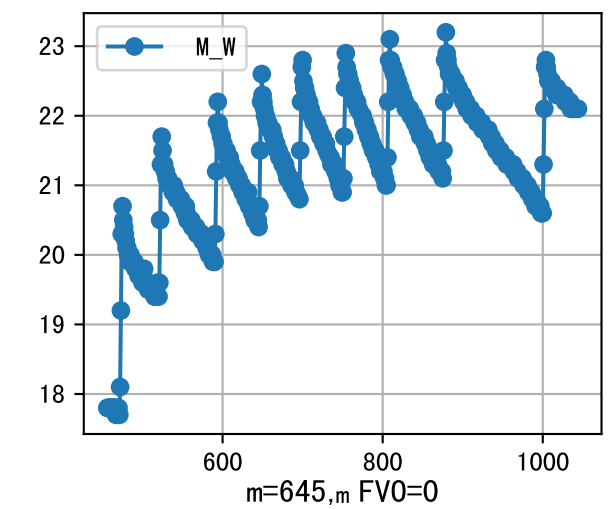

m=695,m FV0=0
M_E

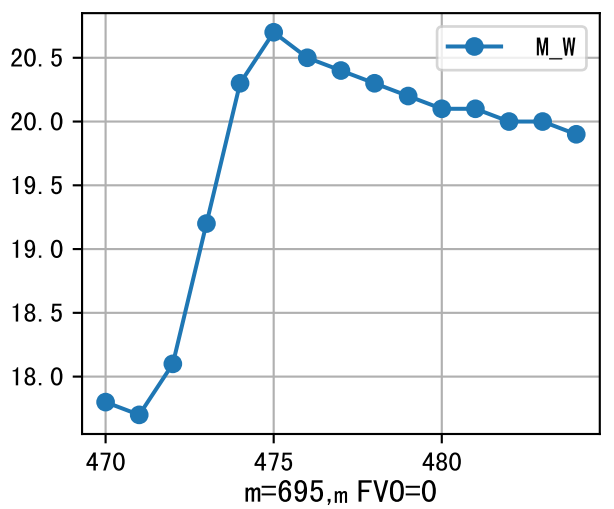

m=750,m FV0=0
M_E

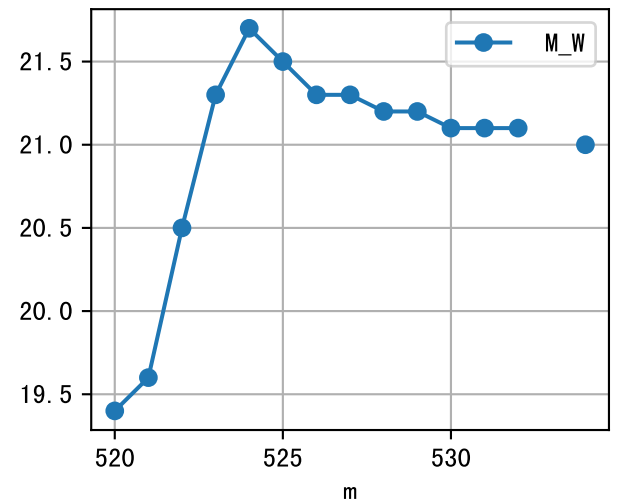

m=805,m FV0=0
M_E

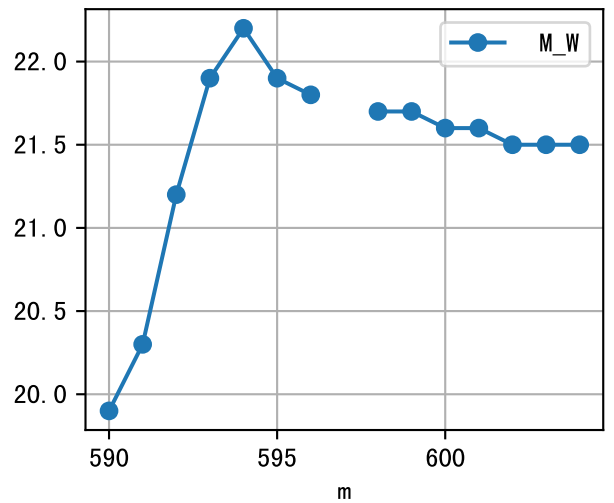

M_E

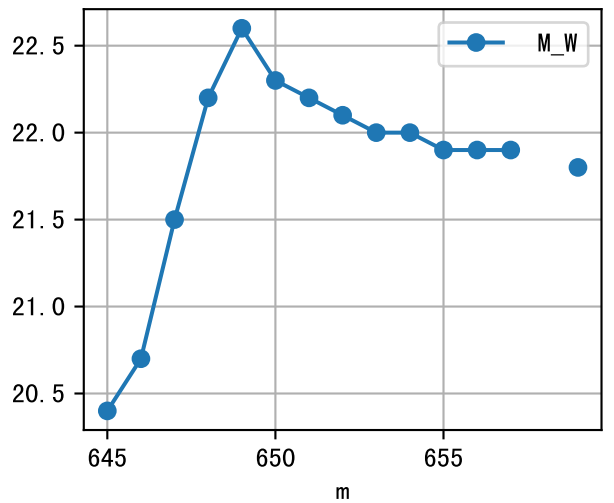

M_E

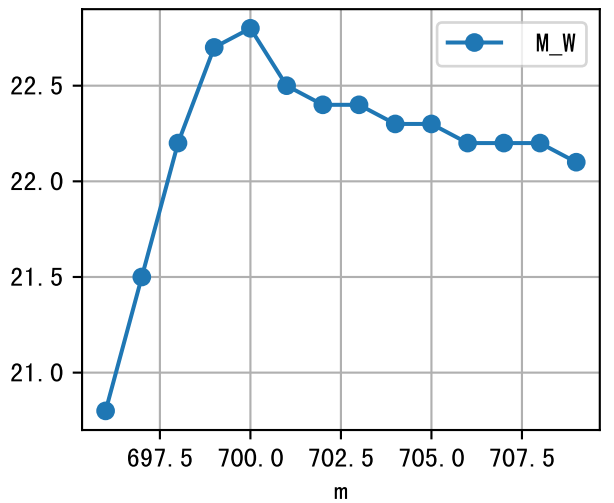

M_W


M_W


M_W
m


M_W
m


M_W
m


M_W
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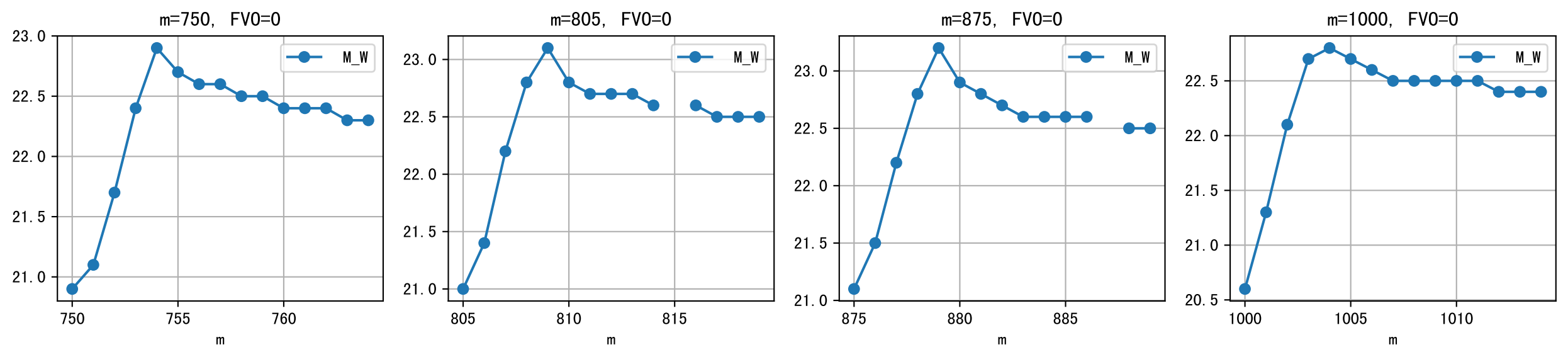
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m=805, FV0=0
m=875, FV0=0
m=1000, FV0=0
M_W
m