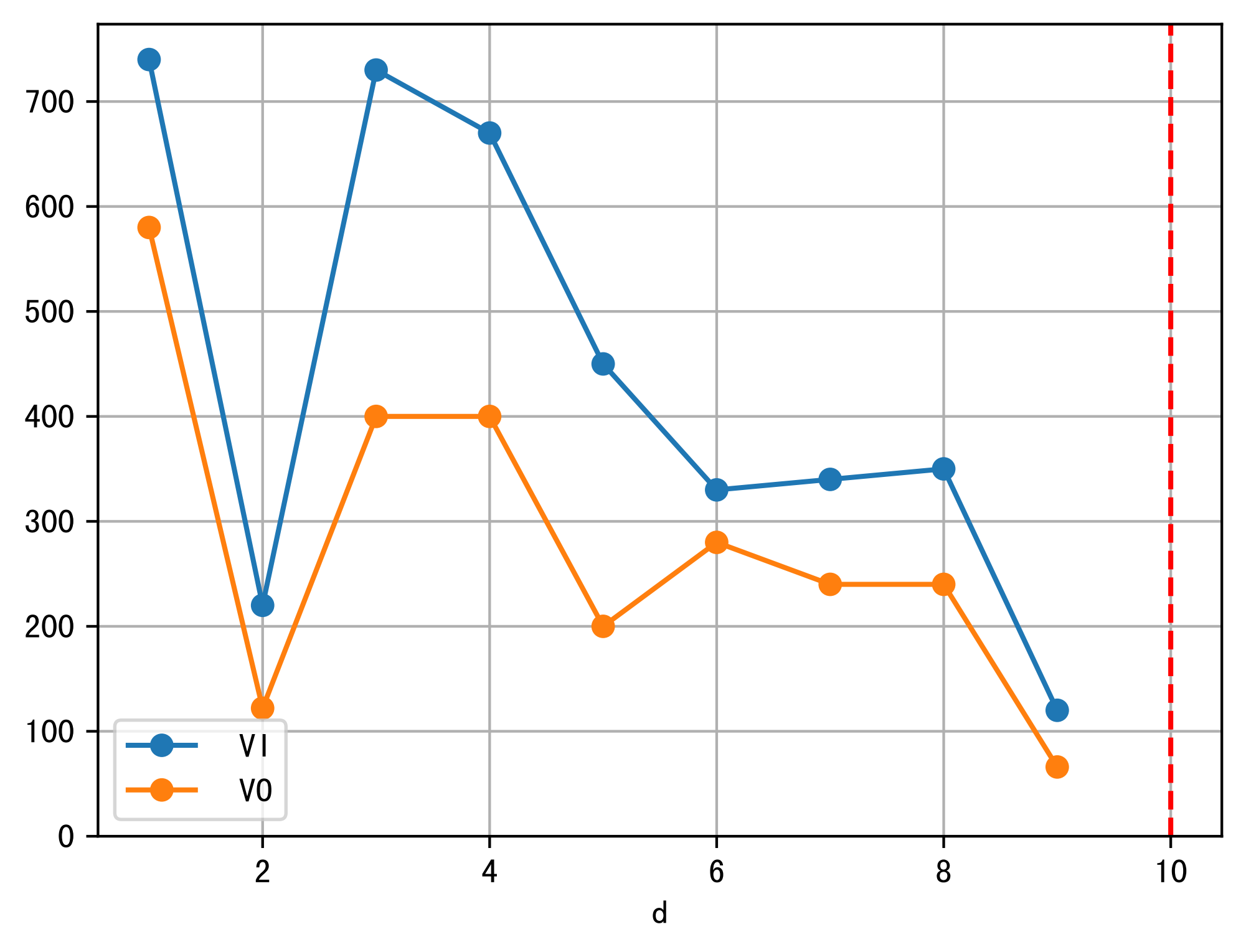
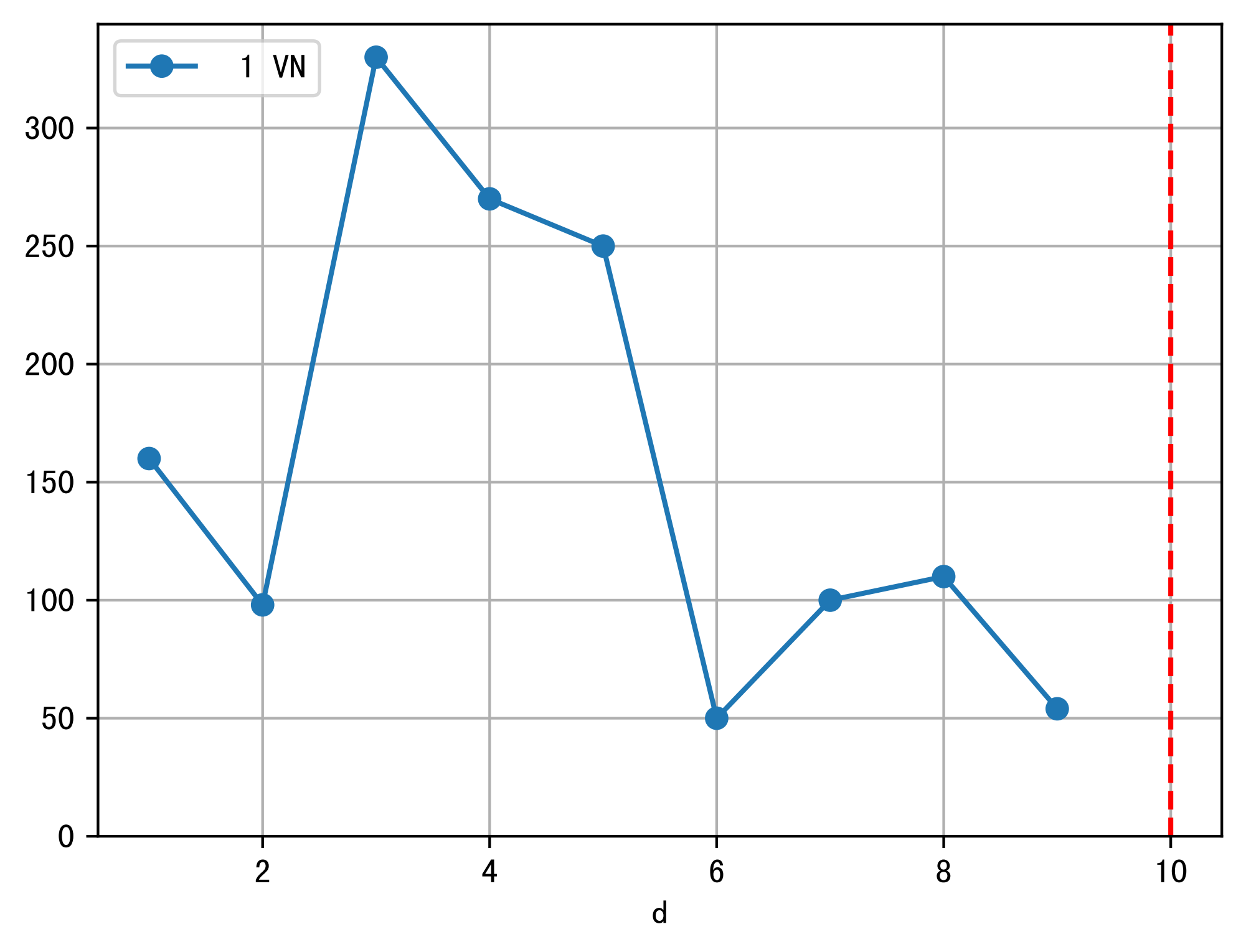
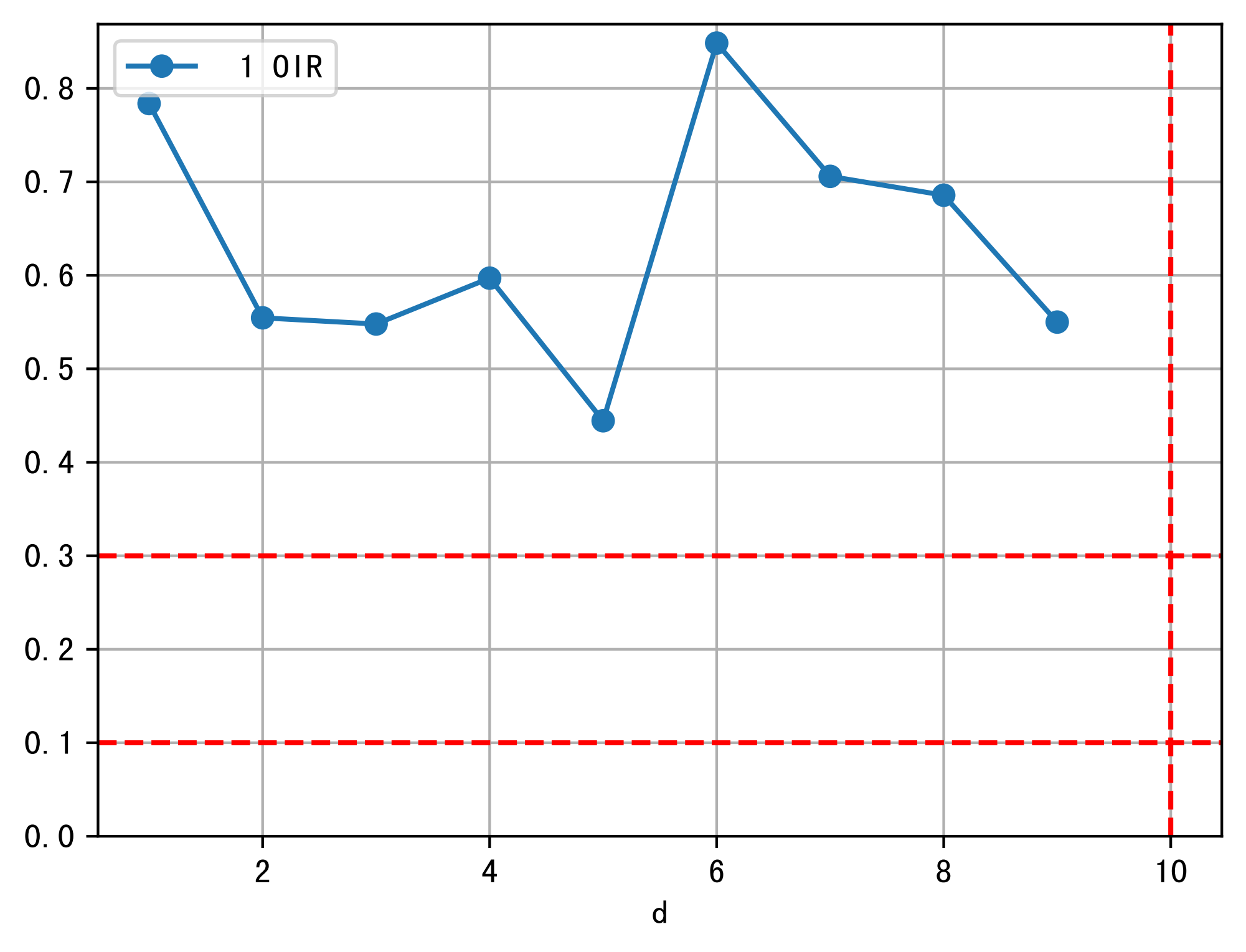
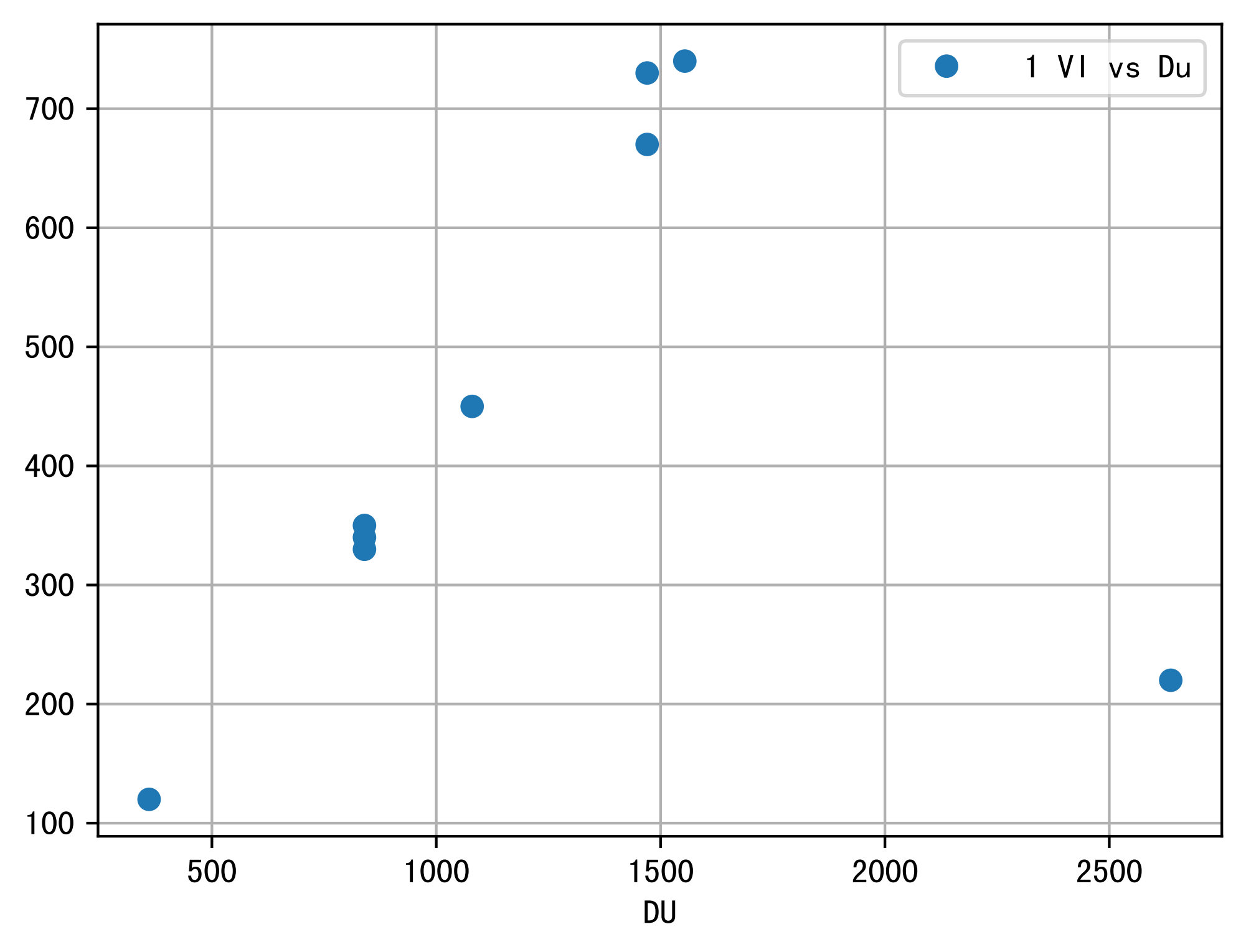
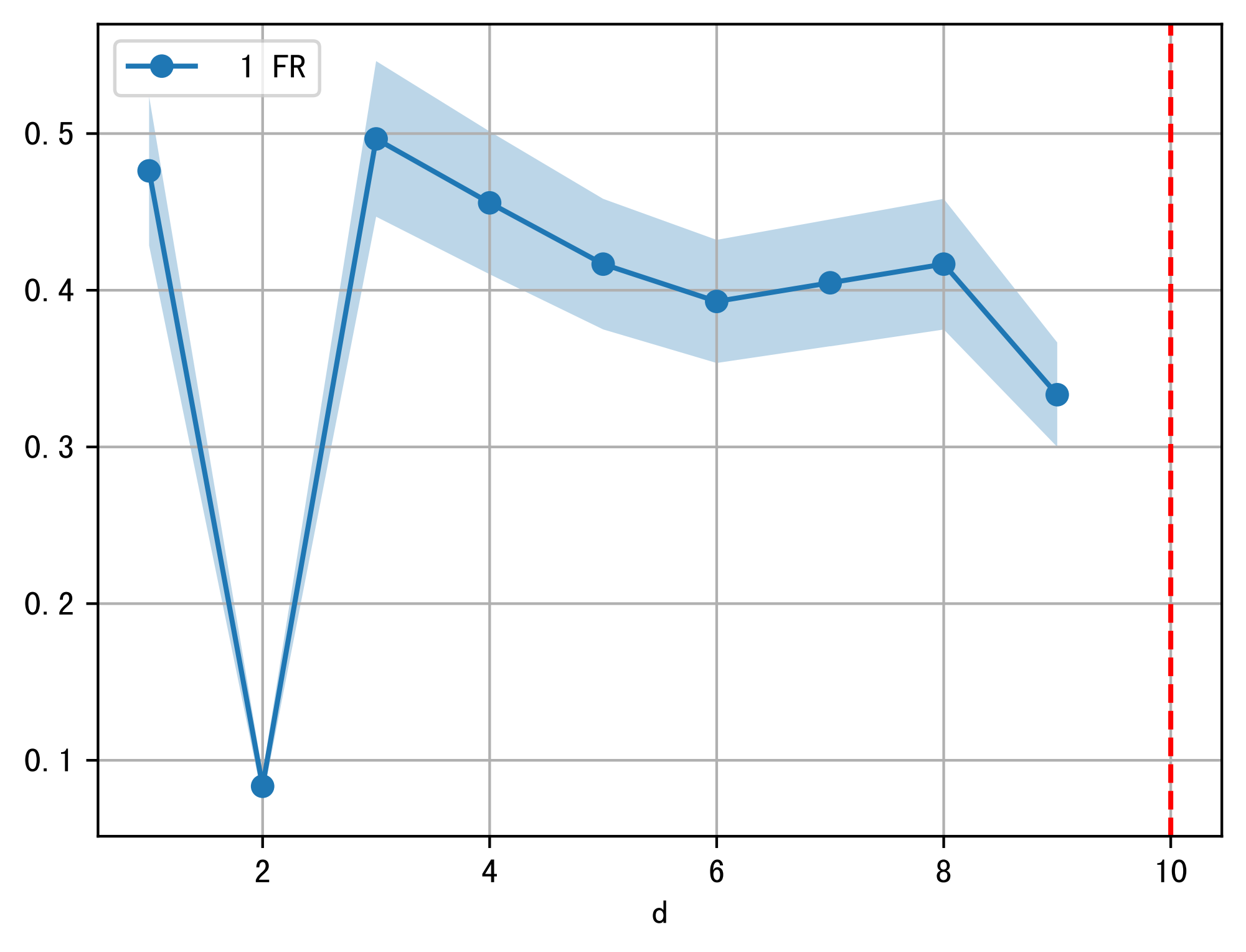
FgArea: ['0']
NC11 P3-15
2025-04-10 (Day 10)

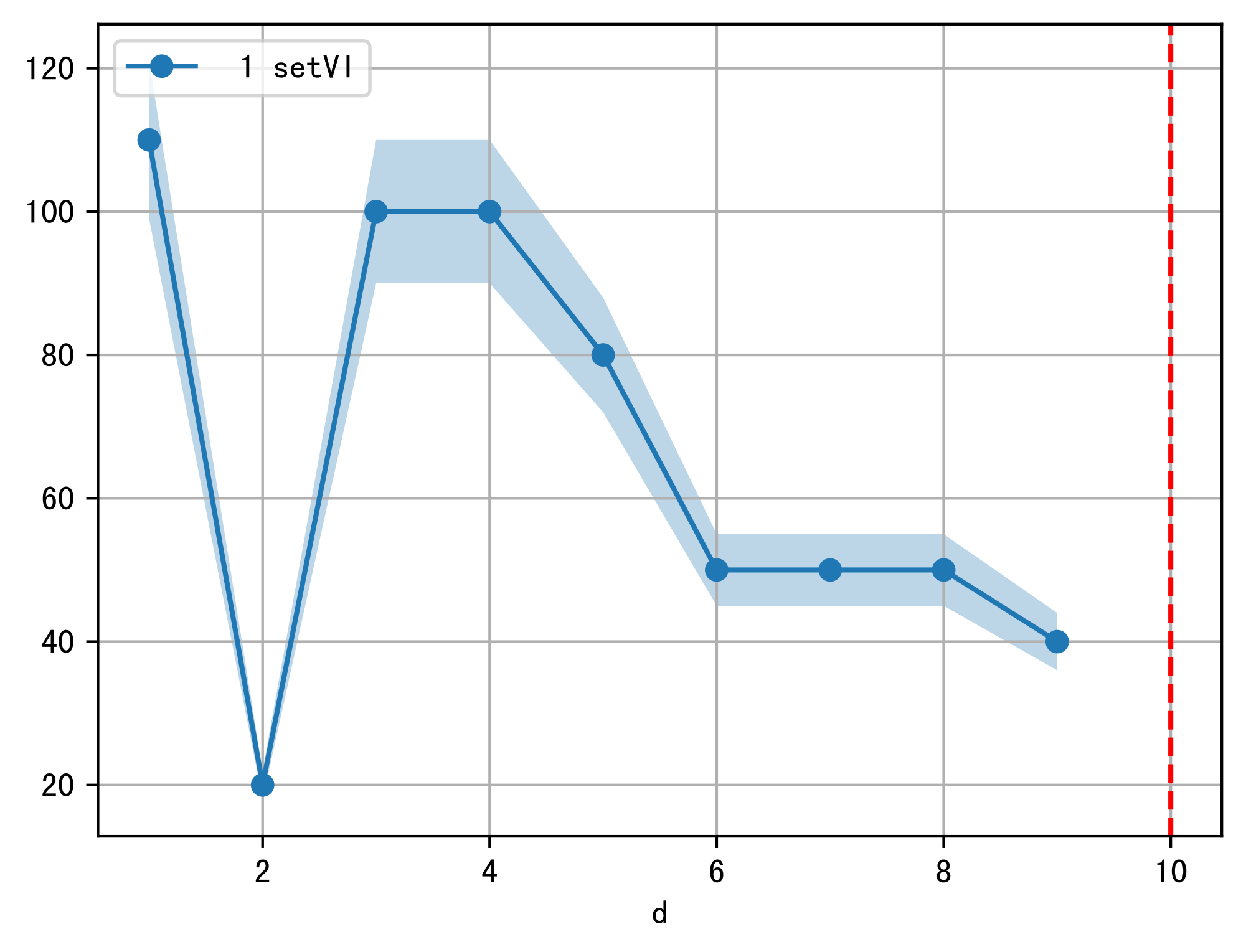

700
600
500
400
300
200
100
0
2
4
6
8
10
d
V I
V0

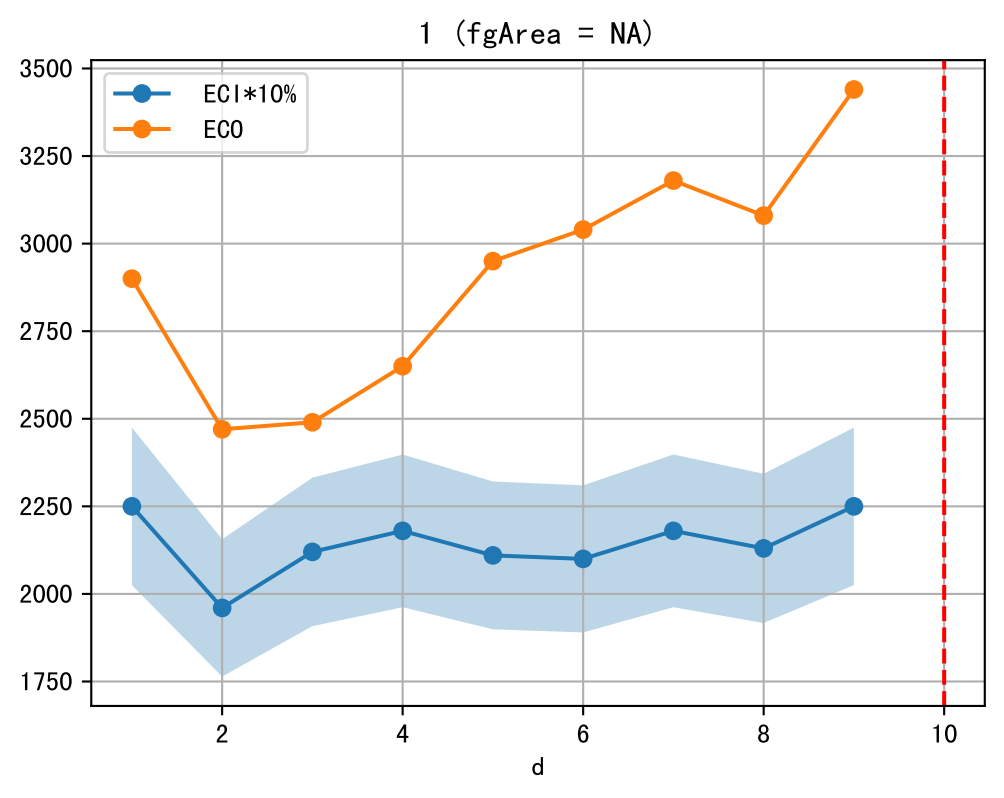

1 VN
300
250
200
150
100
50
0
2
4
6
8
10
d

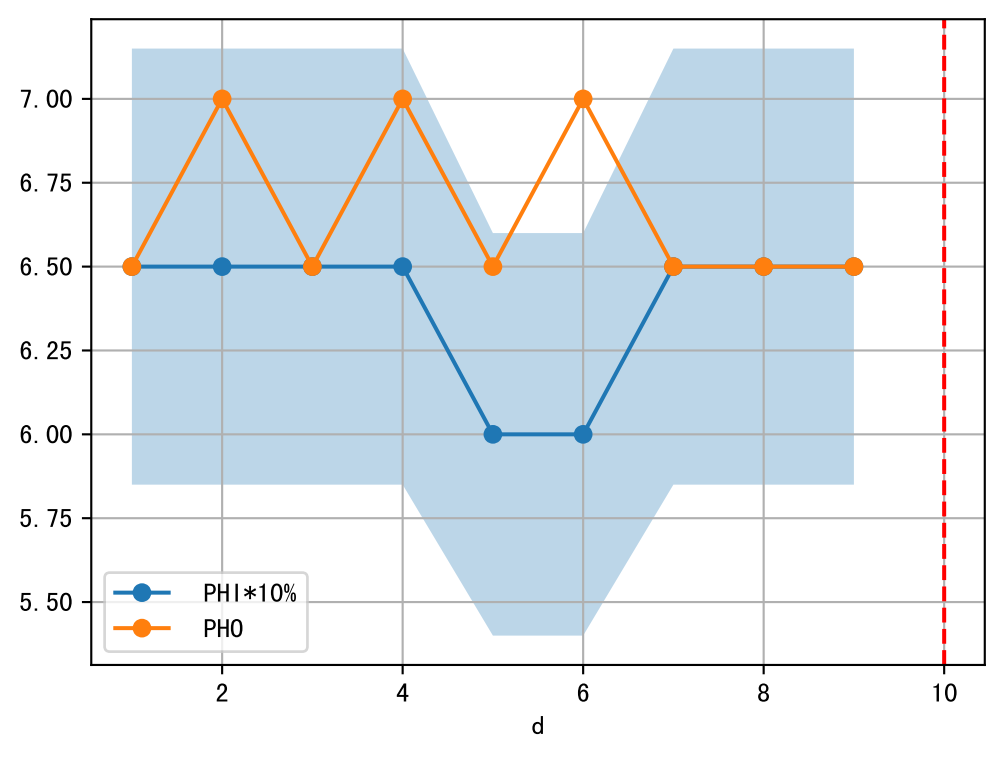

1 0IR
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2
4
6
8
10
d

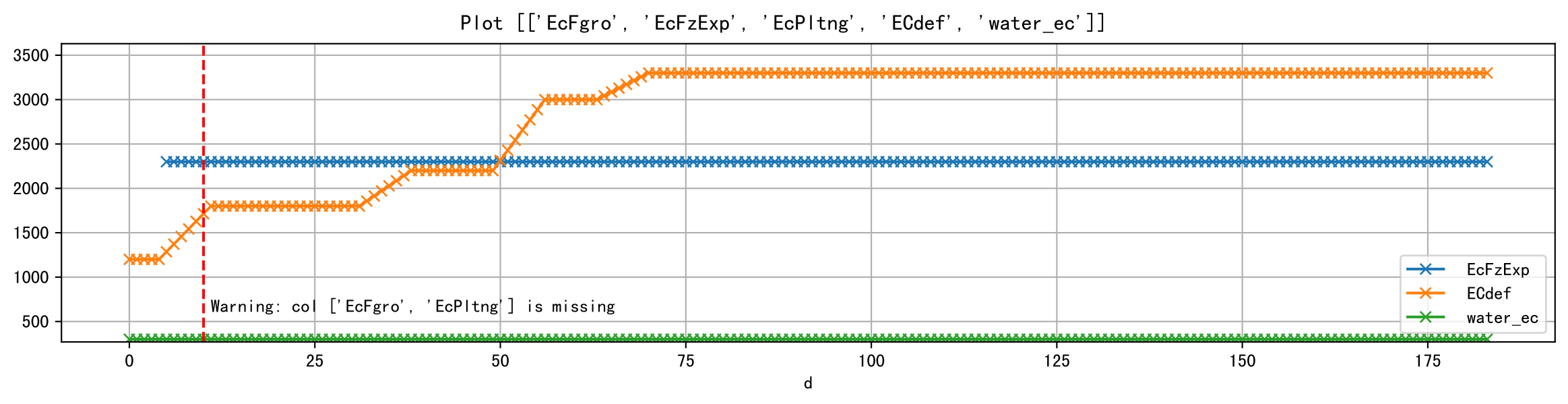

1 VI vs Du
700
600
500
400
300
200
100
500
1000
1500
2000
2500
DU

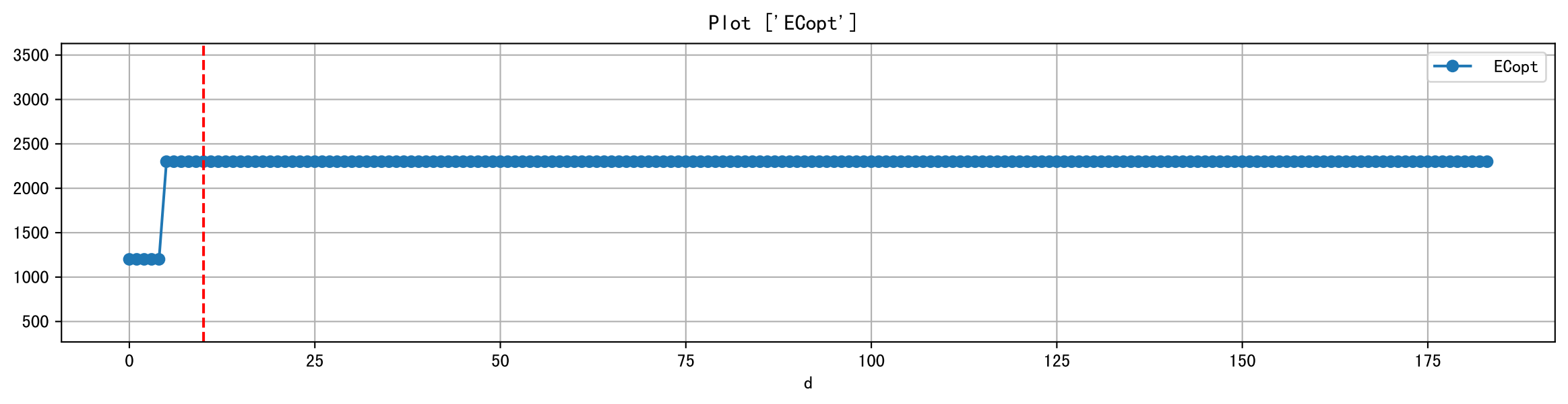

1 FR
0.5
0.4
0.3
0.2
0.1
2
4
6
8
10
d


1 setVI
120
100
80
60
40
20
2
4
6
8
10
d

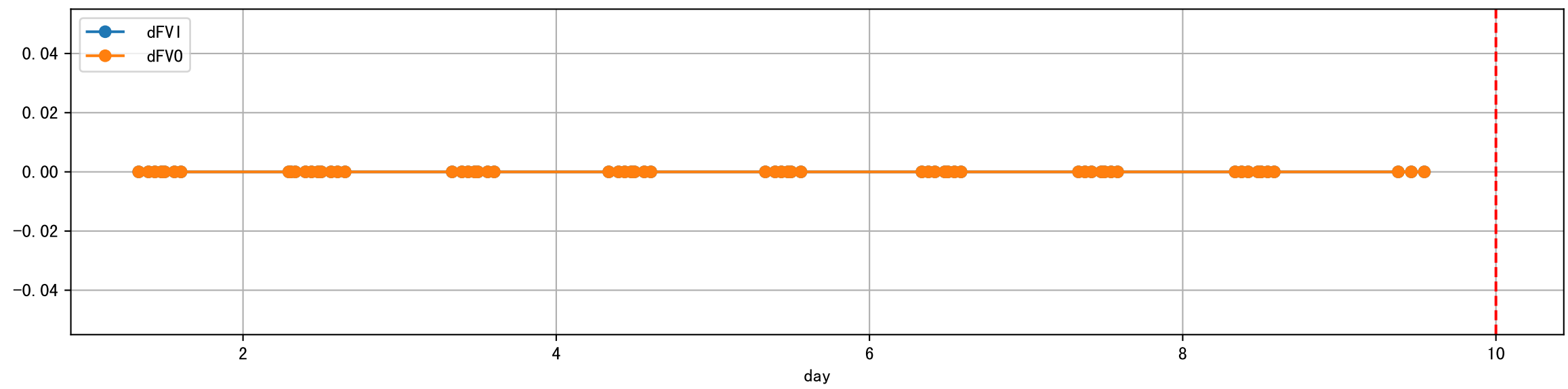

1 (fgArea = NA)
ECI*10%
ECO
3500
3250
3000
2750
2500
2250
2000
1750
2
4
6
8
10
d

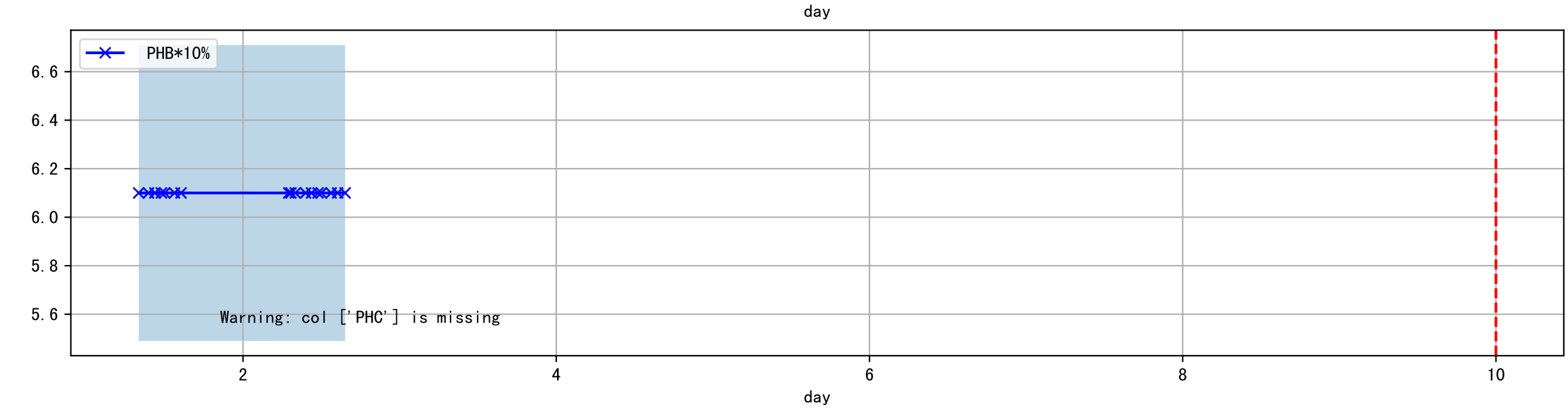

7.00
6.75
6.50
6.25
6.00
5.75
5.50
2
4
6
8
10
d
PHI*10%
PH0

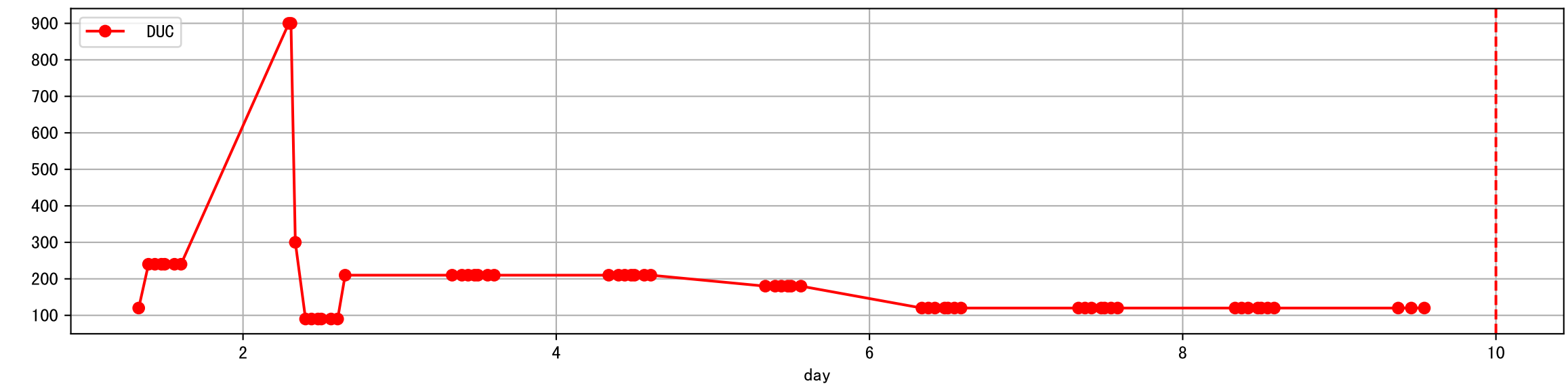

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d
Warning: col ['EcFgro', 'EcPltng'] is missing
EcFzExp
ECdef
water_ec

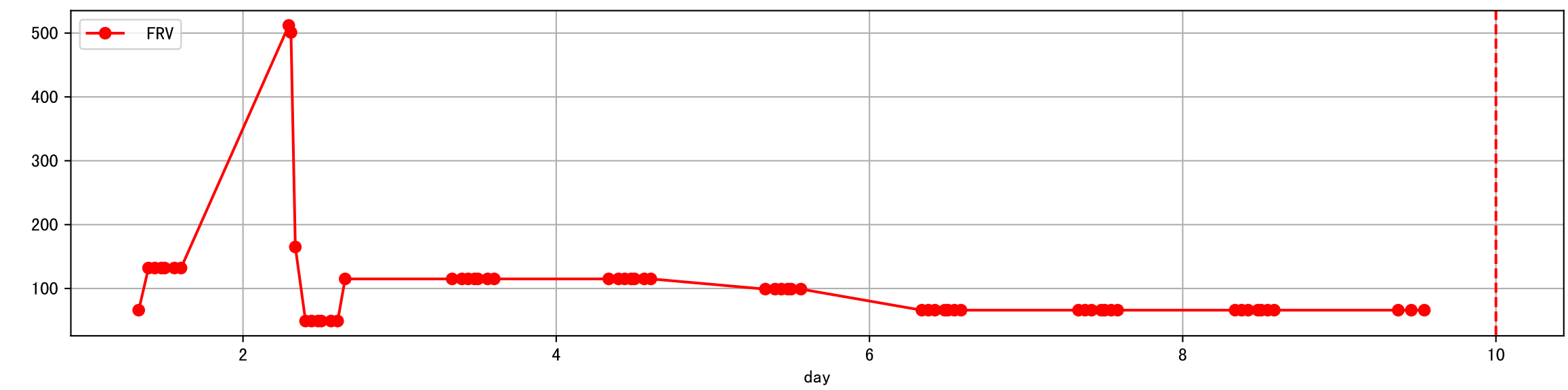

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

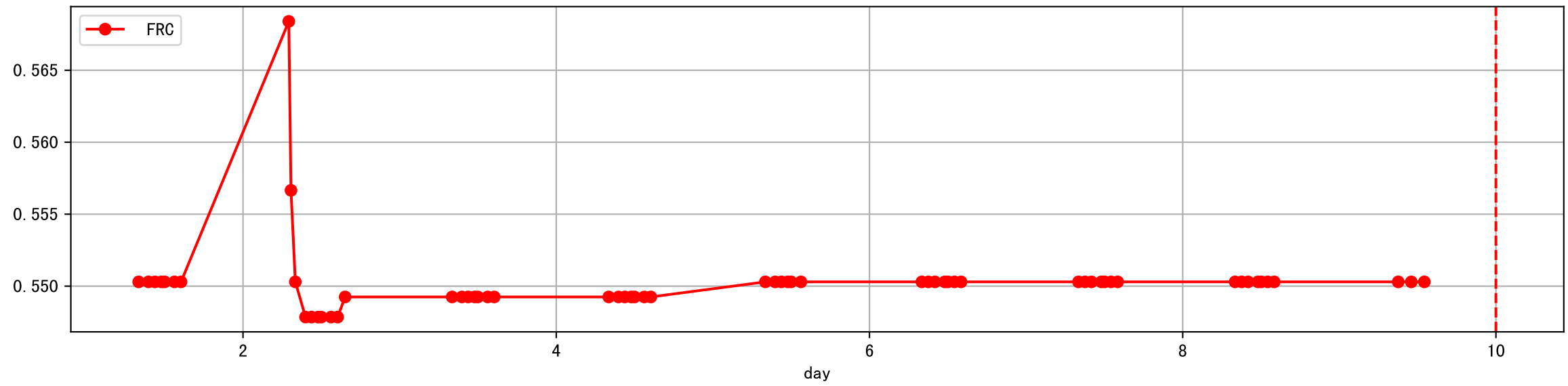
Plot Sensor and FgRec Data



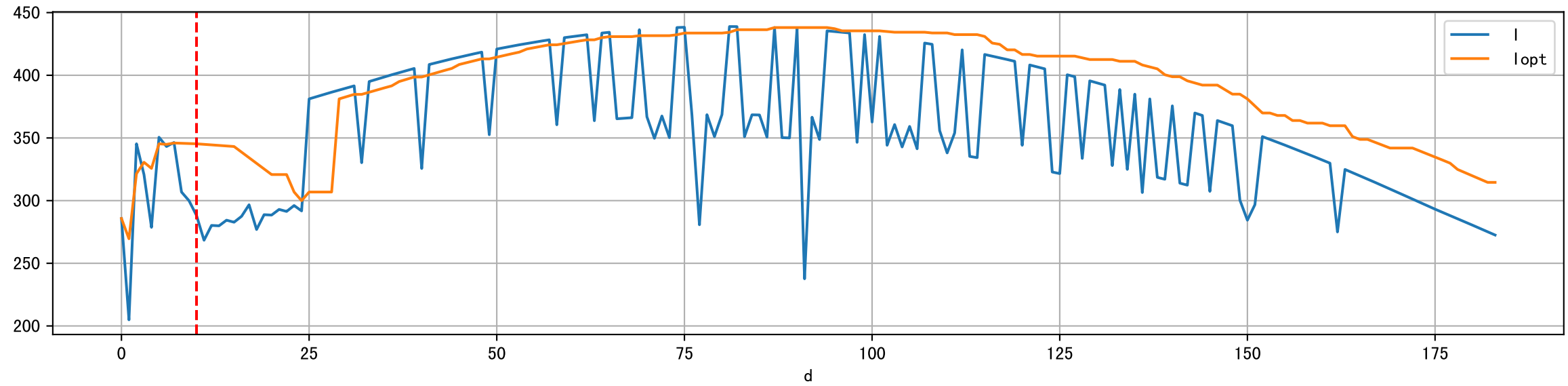




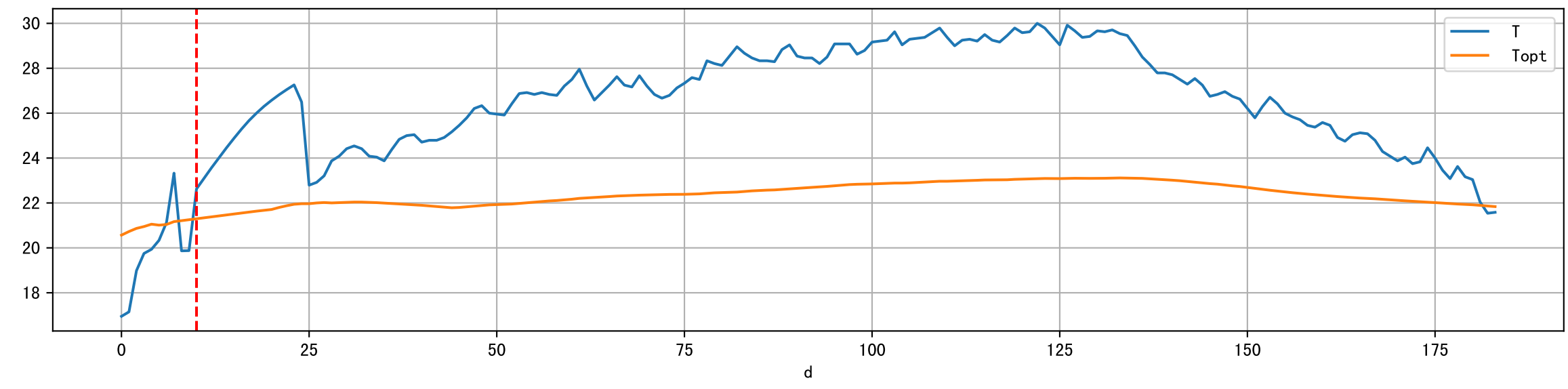




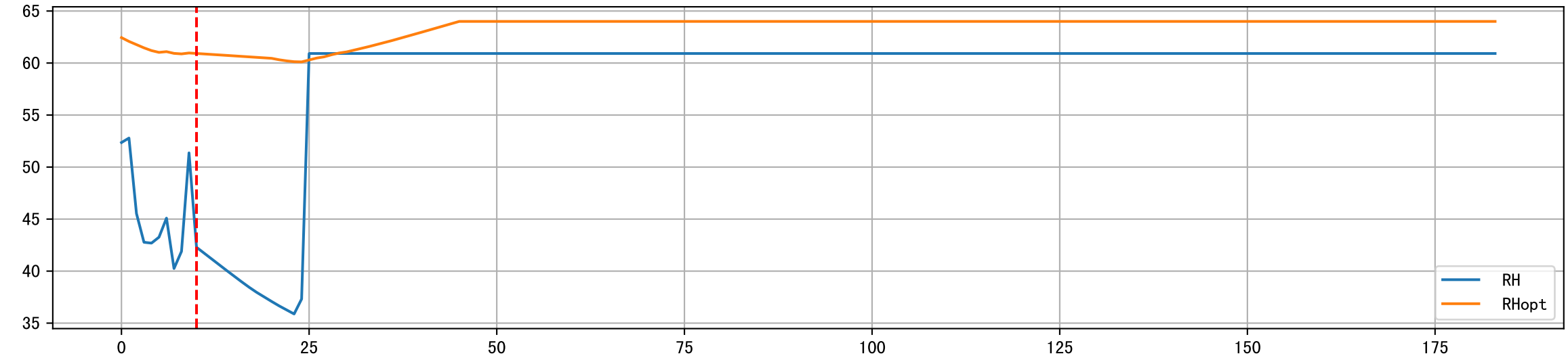
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']



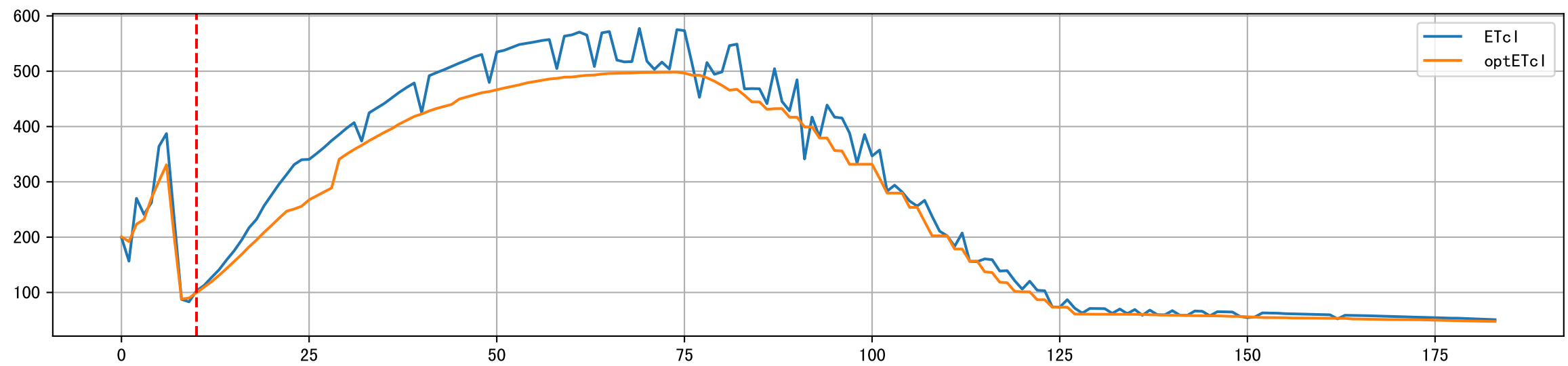
d



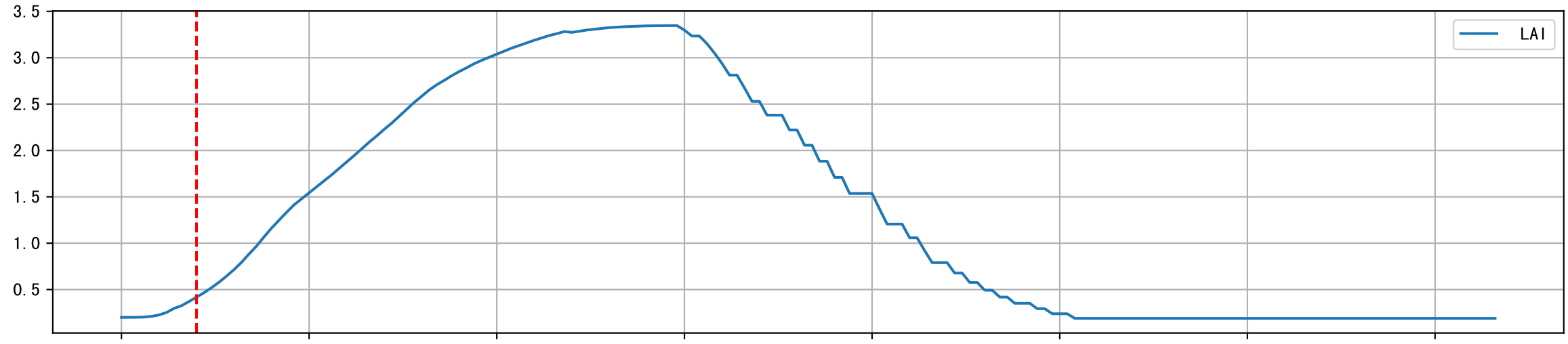
d



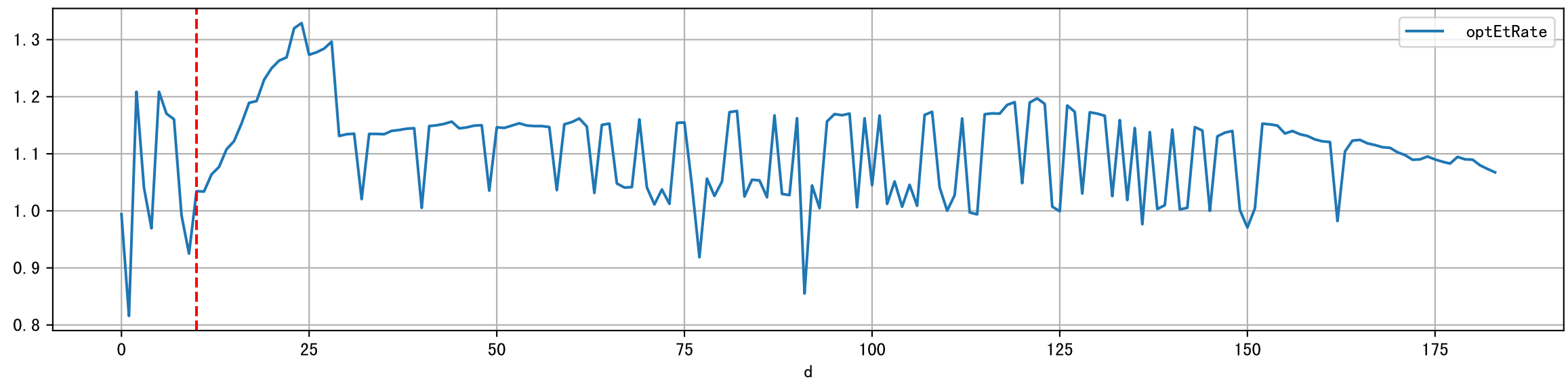
d



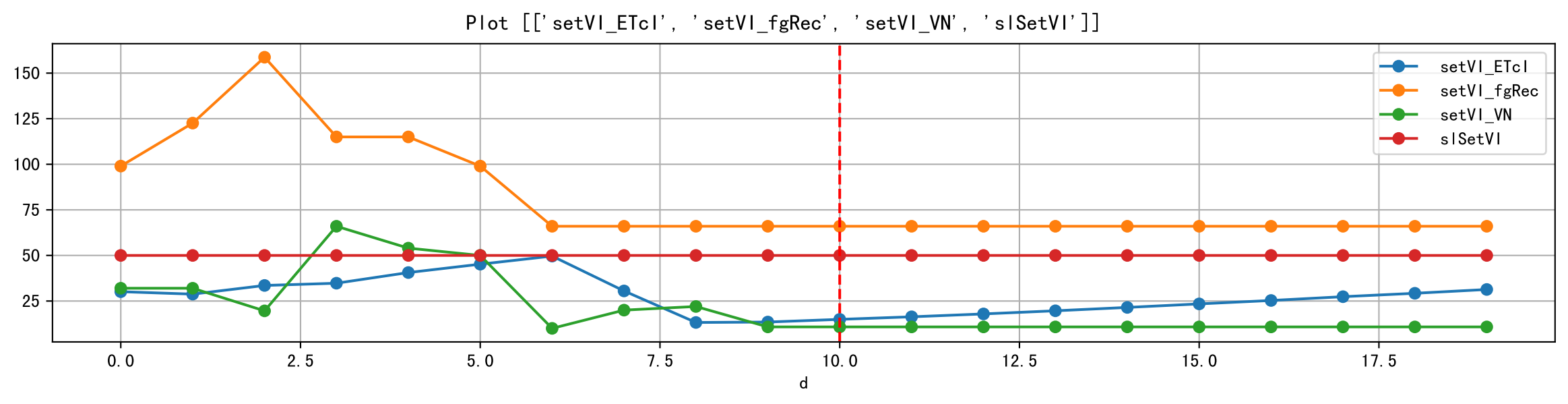
d

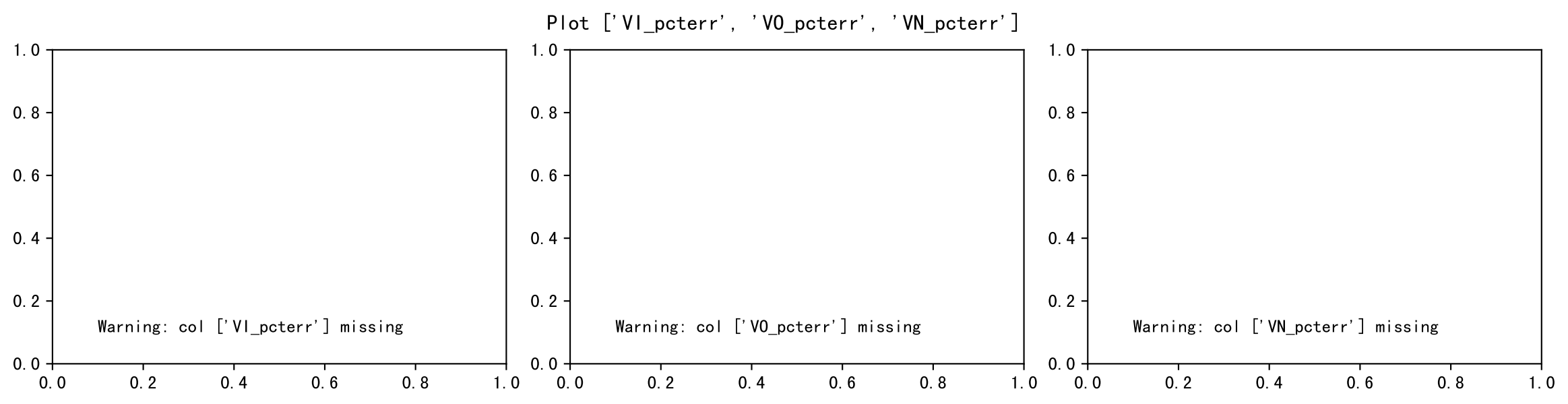


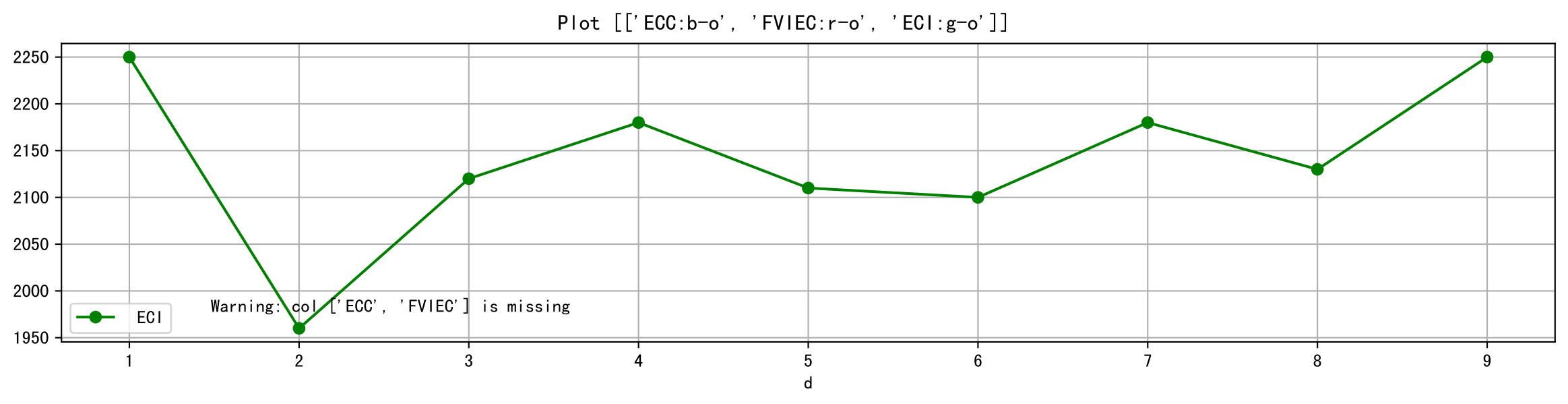
d

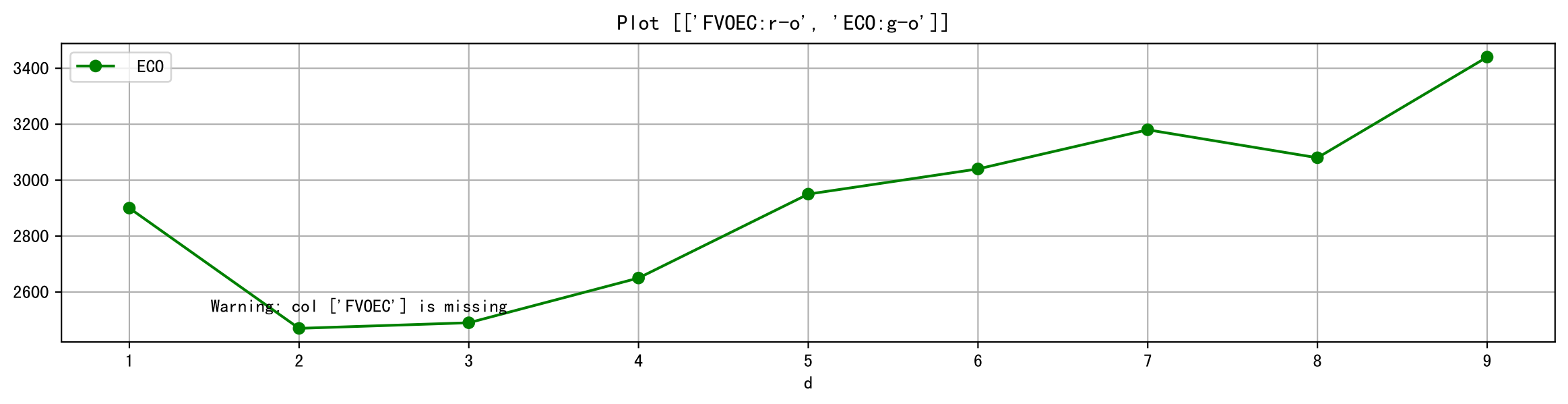


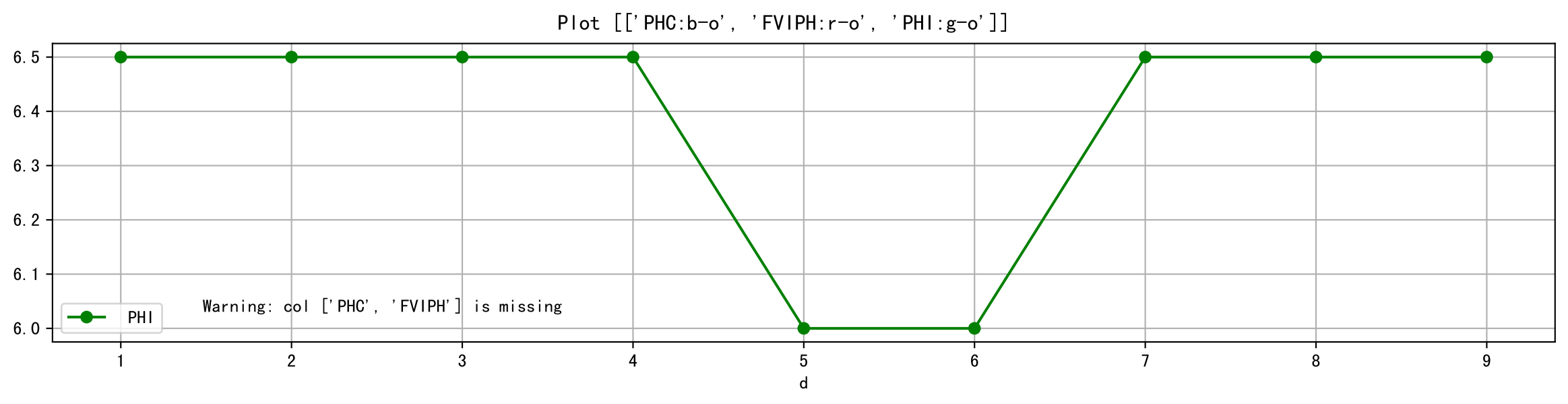
d

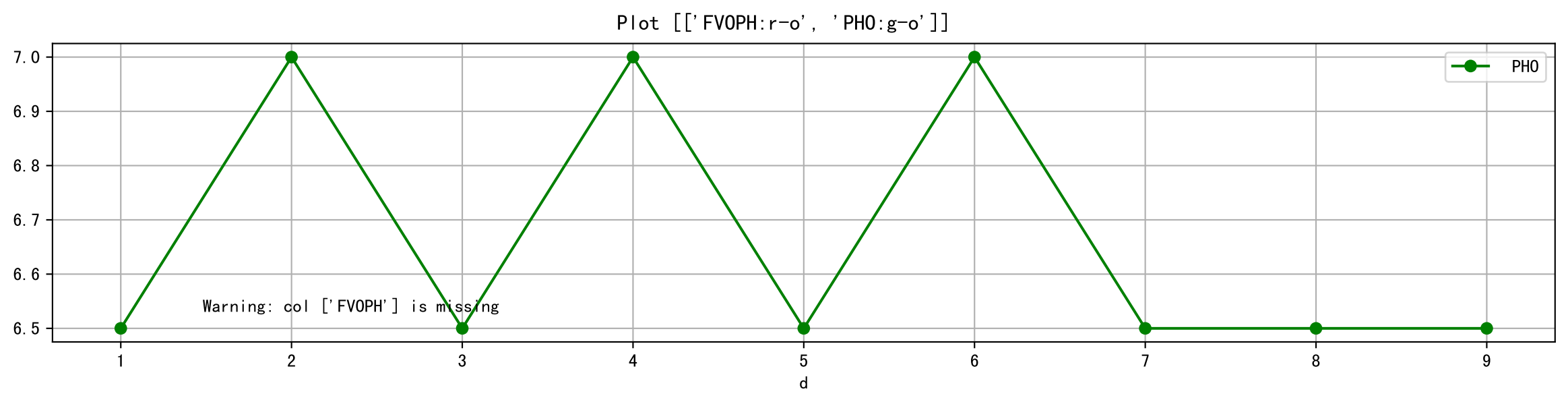

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
150
125
100
75
50
25
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
d

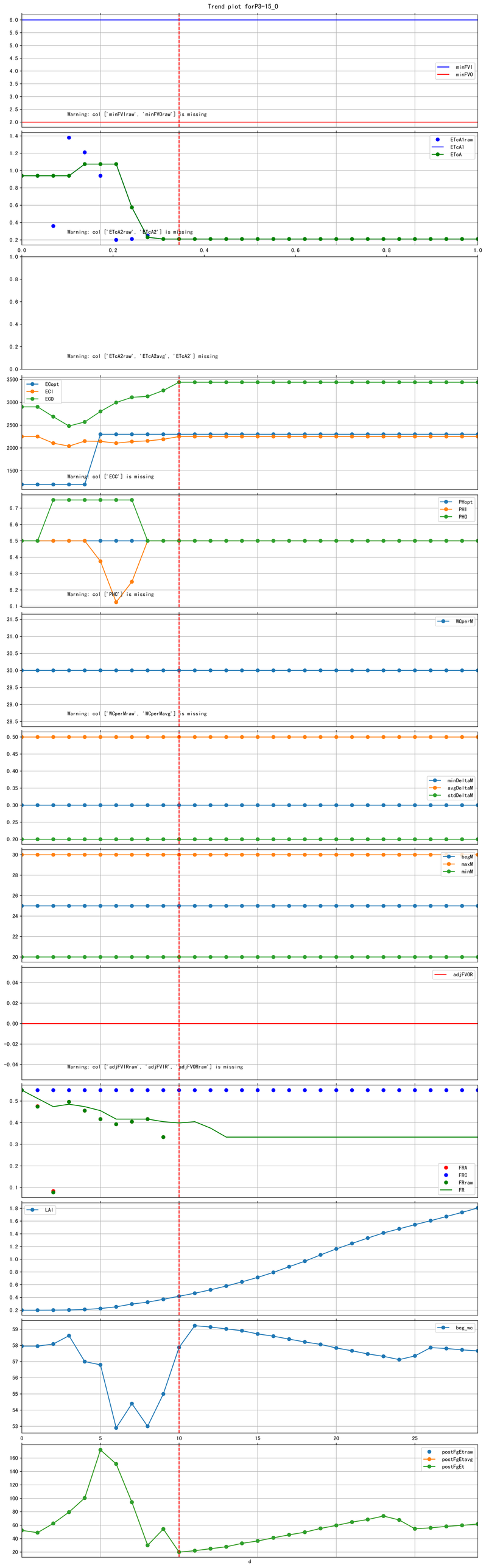

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

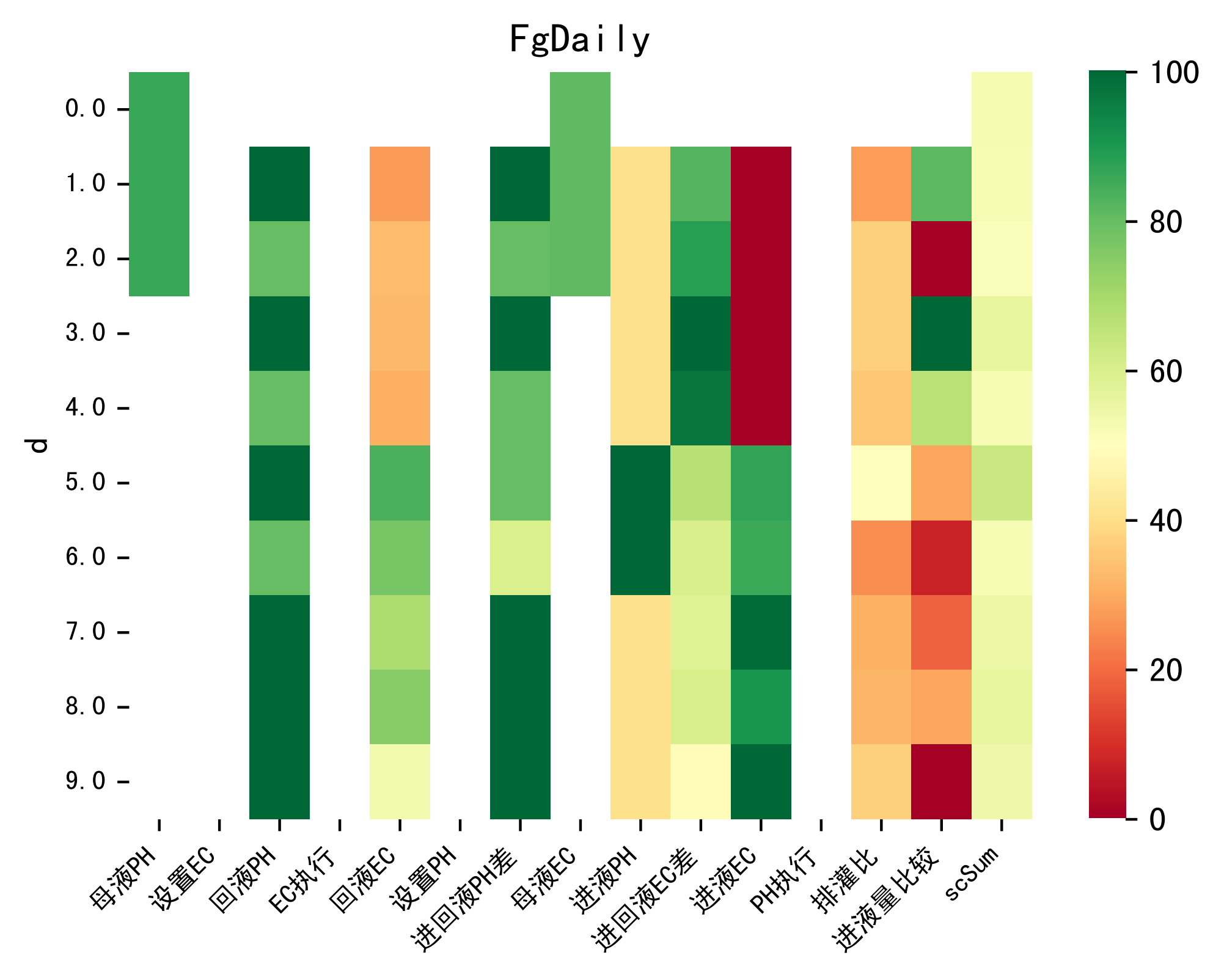

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
2250
2200
2150
2100
2050
2000
1950
1
2
3
4
5
6
7
8
9
d
ECI
Warning: col ['ECC', 'FVIEC'] is missing


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
3400
3200
3000
2800
2600
Warning: col ['FVOEC'] is missing
1
2
3
4
5
6
7
8
9
d

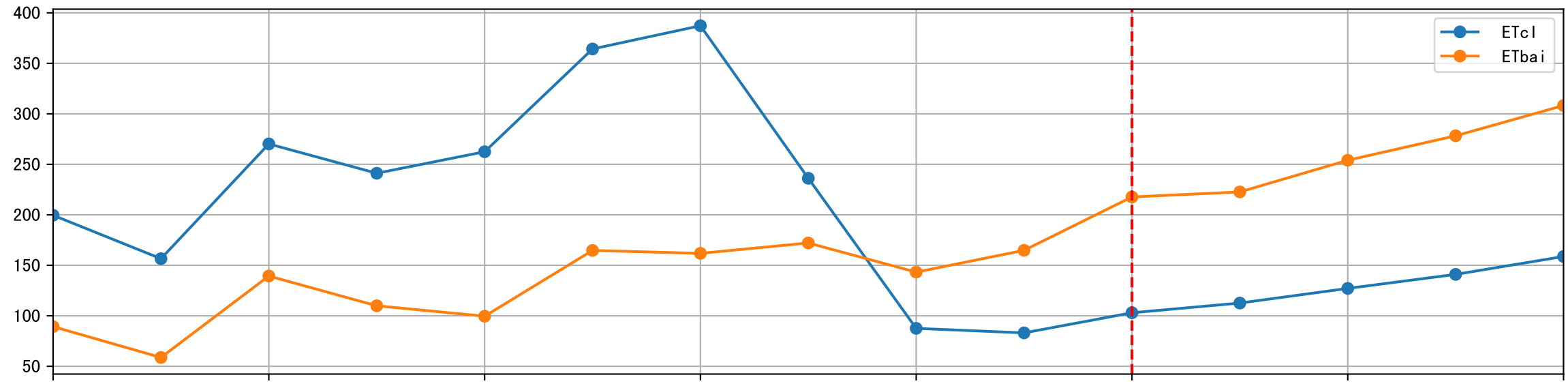

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
6.5
6.4
6.3
6.2
6.1
6.0
PHI
Warning: col ['PHC', 'FVIPH'] is missing
1
2
3
4
5
6
7
8
9
d

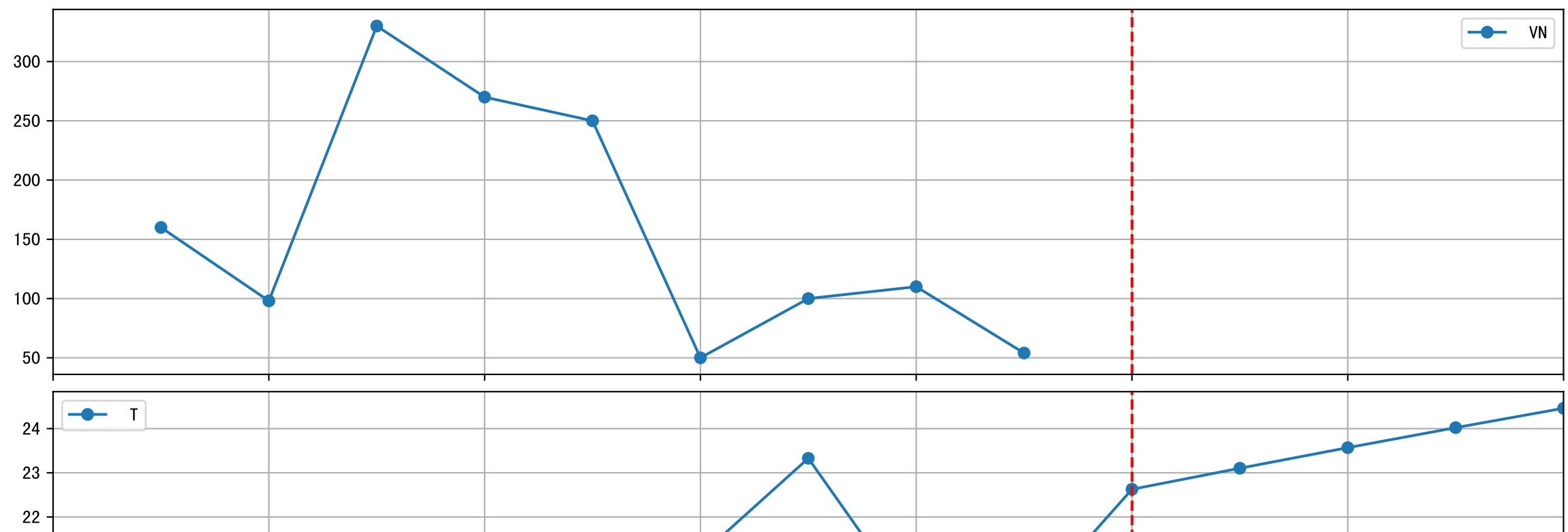

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.9
6.8
6.7
6.6
6.5
1
2
3
4
5
6
7
8
9
d

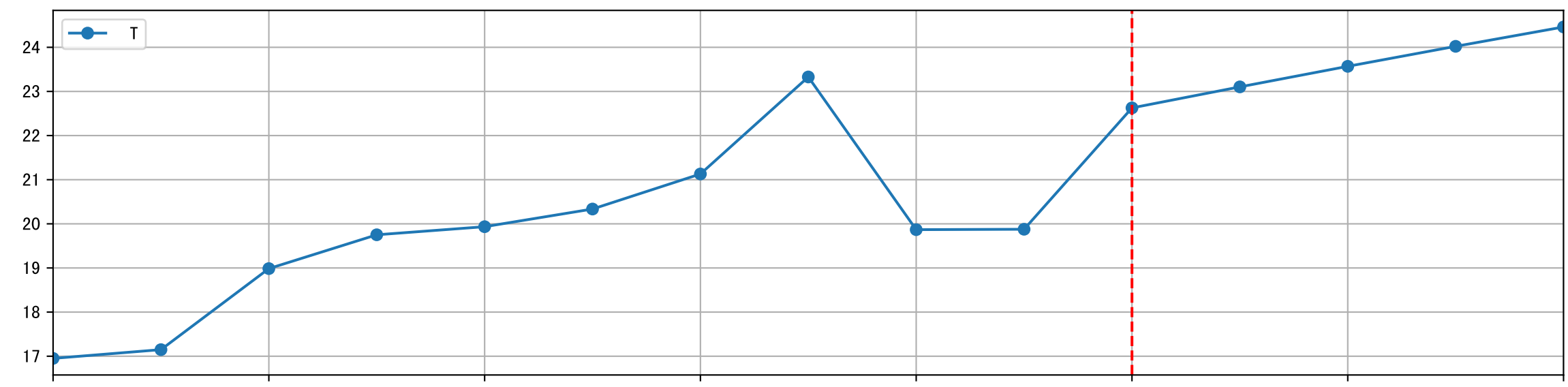

Trend plot forP3-15_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECI
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
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

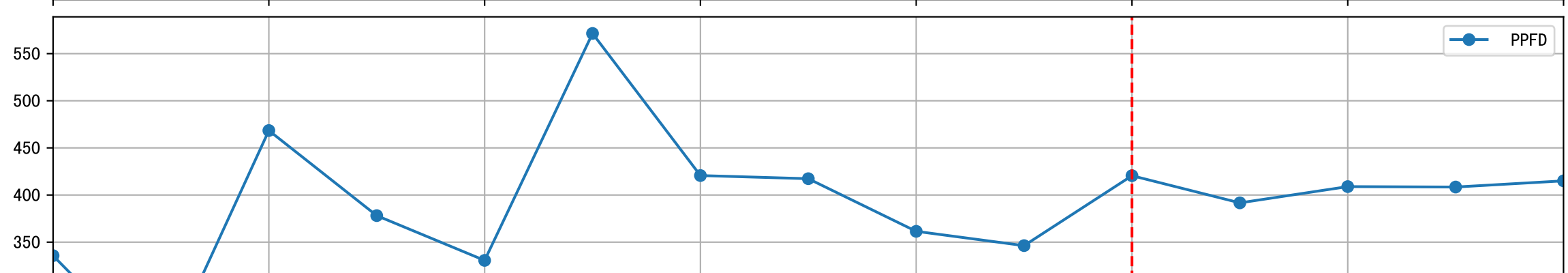

FgDaily
d
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
100
80
60
40
20
0
母液PH
设置EC
回液PH
EC执行
回液EC
设置PH
进回液PH差
母液EC
进液PH
进回液EC差
进液EC
PH执行
排灌比
进液量比较
scSum

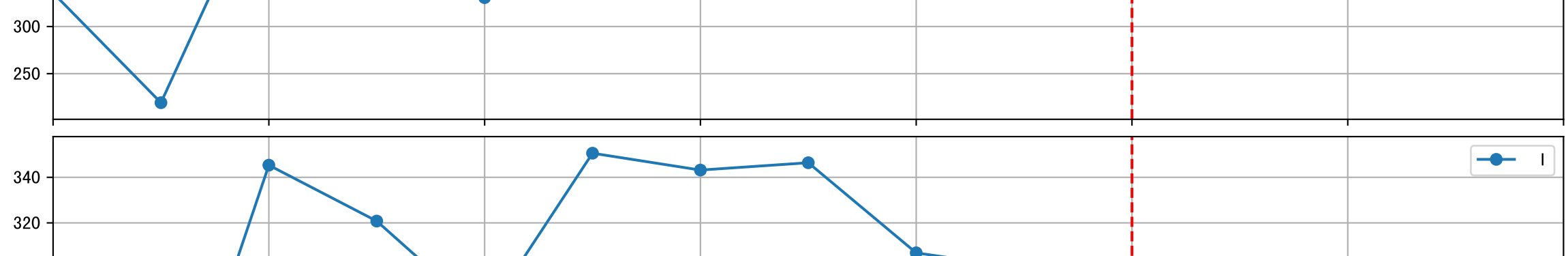
P3-15_0

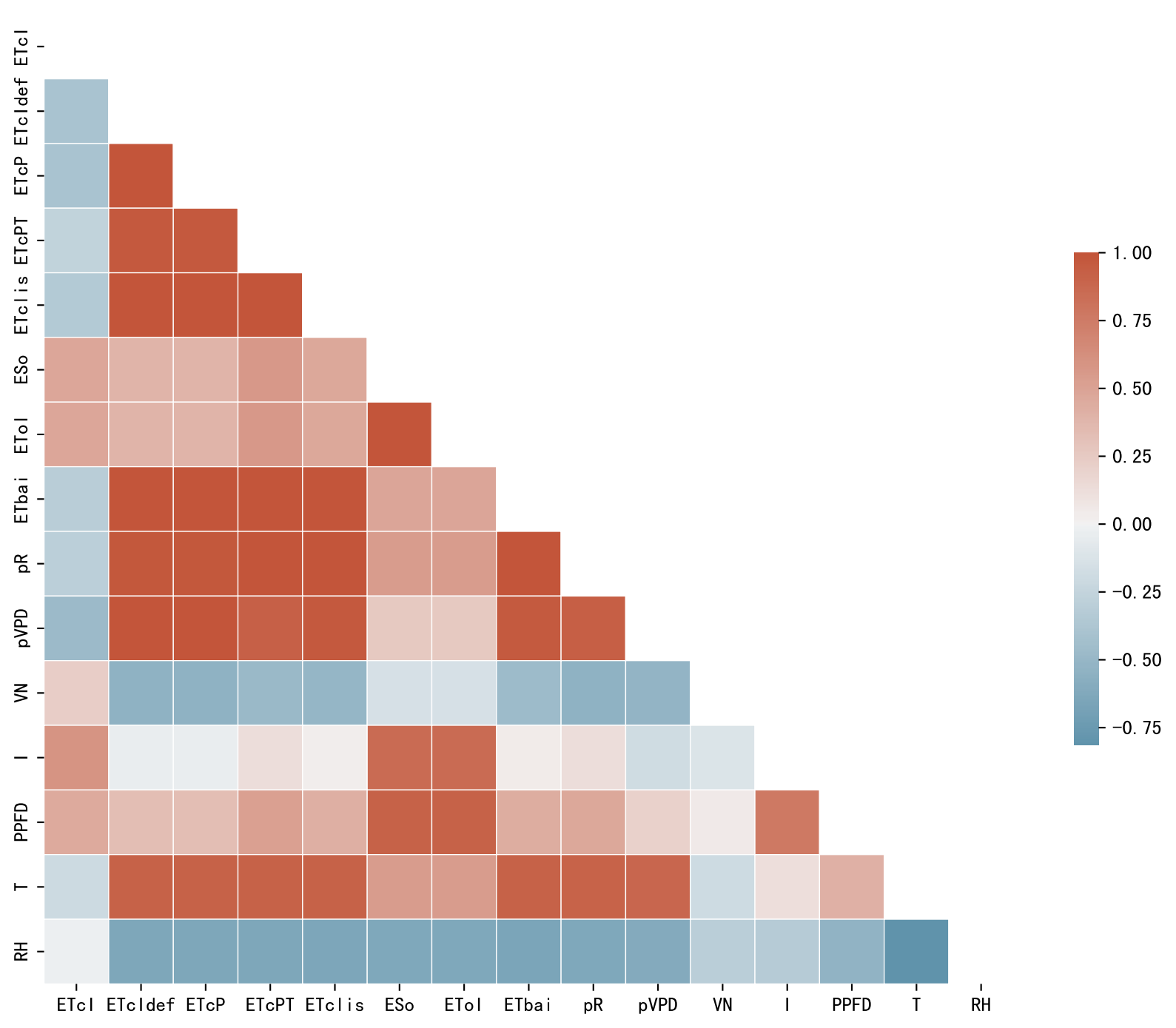


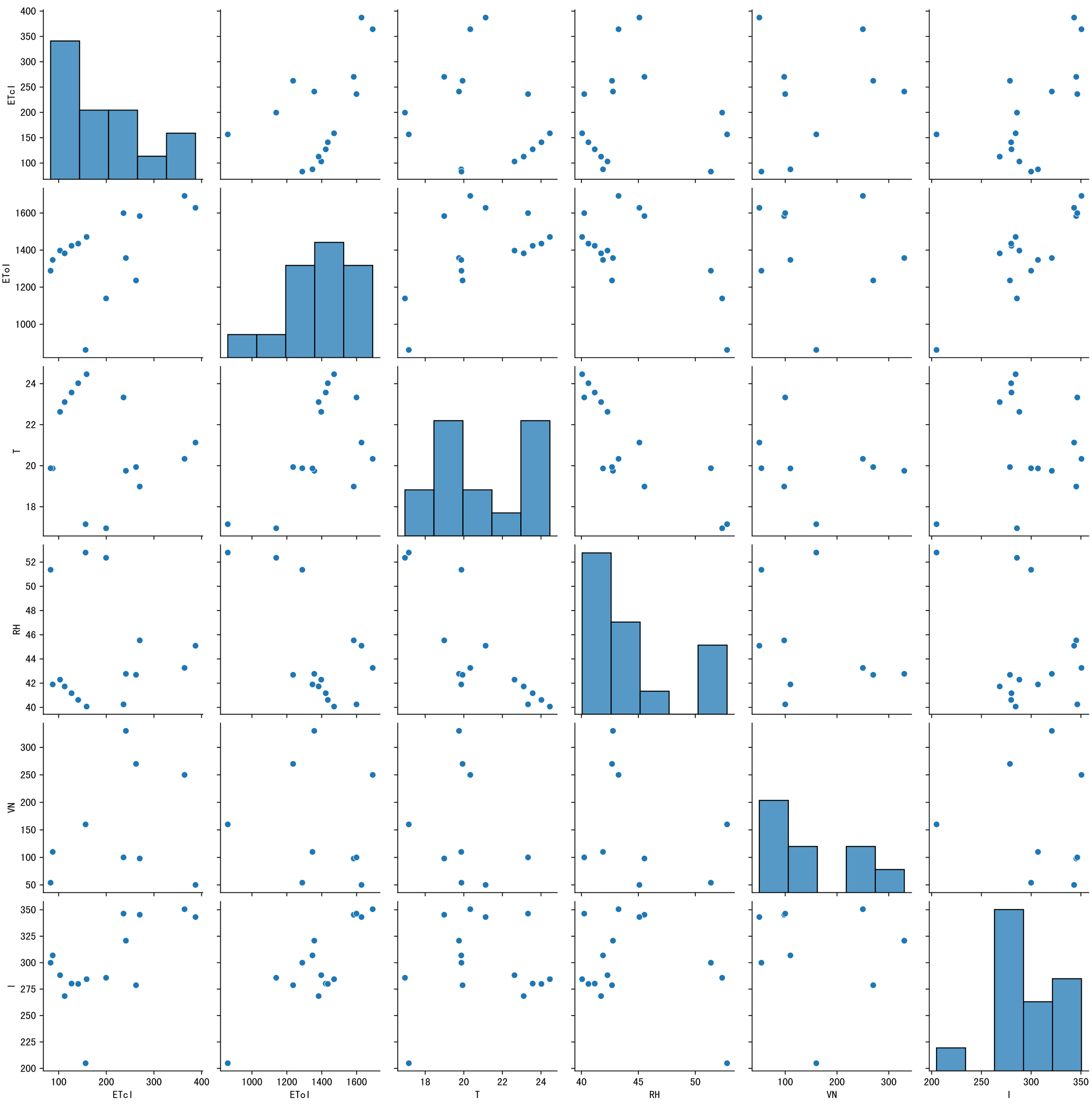


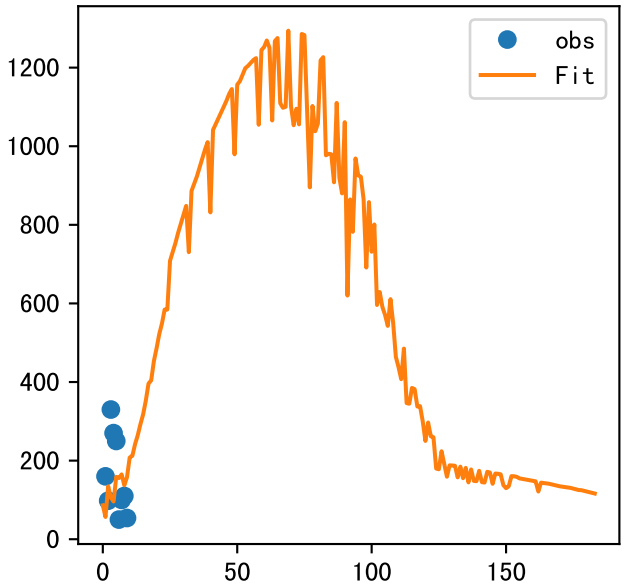


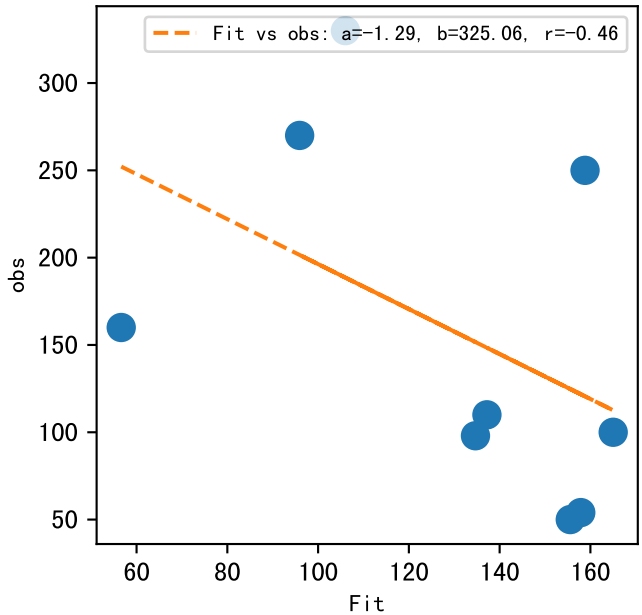




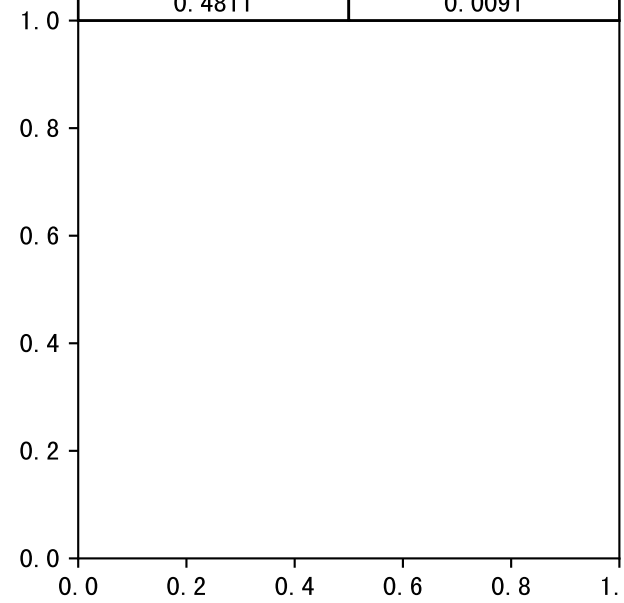

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

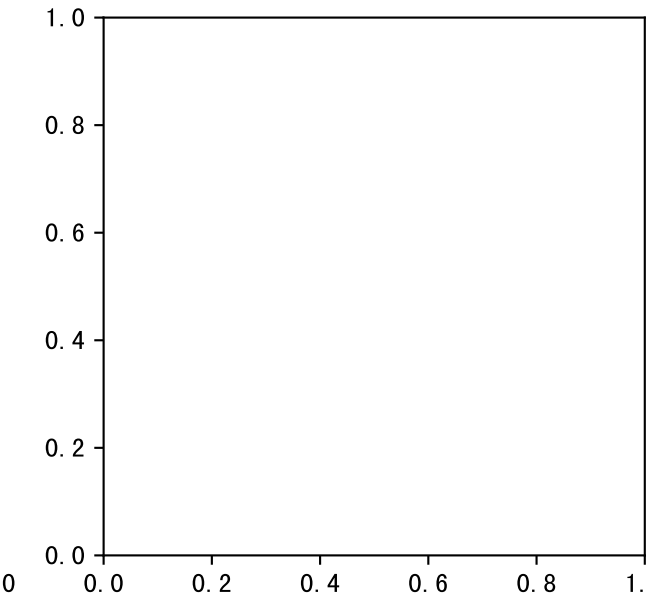

ETcl
ETol
T
RH
VN
I

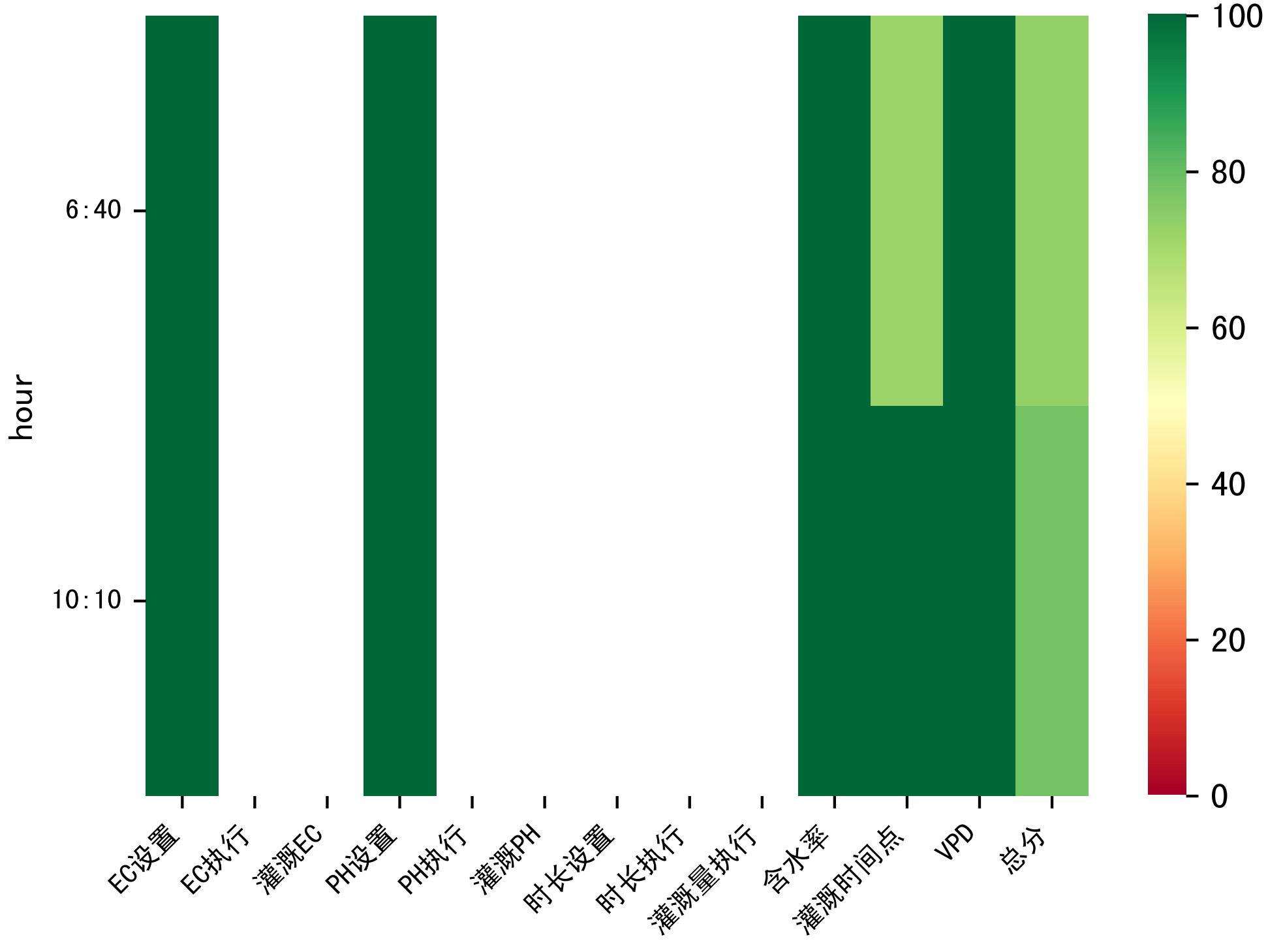




baiA	baiB
0.4811	0.0091



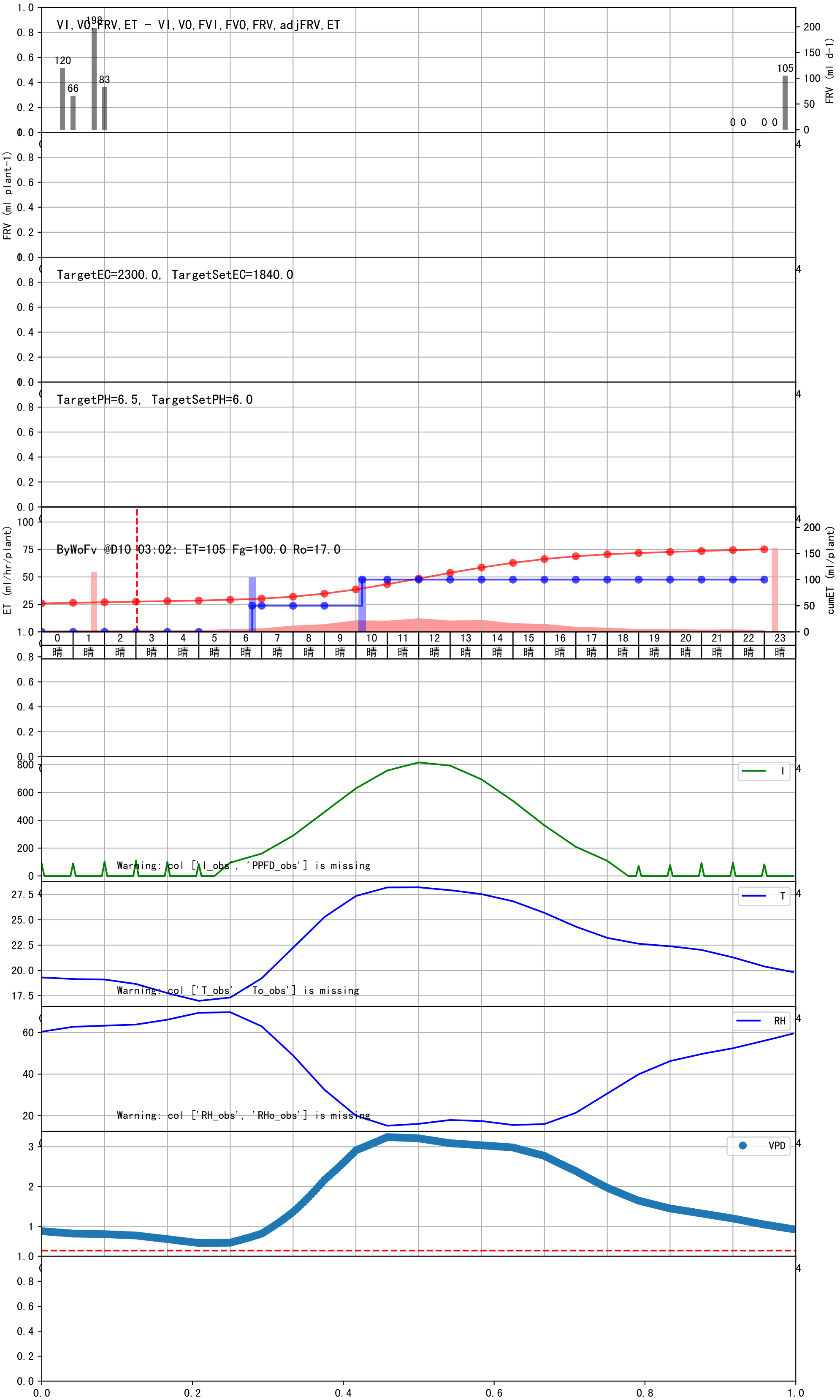


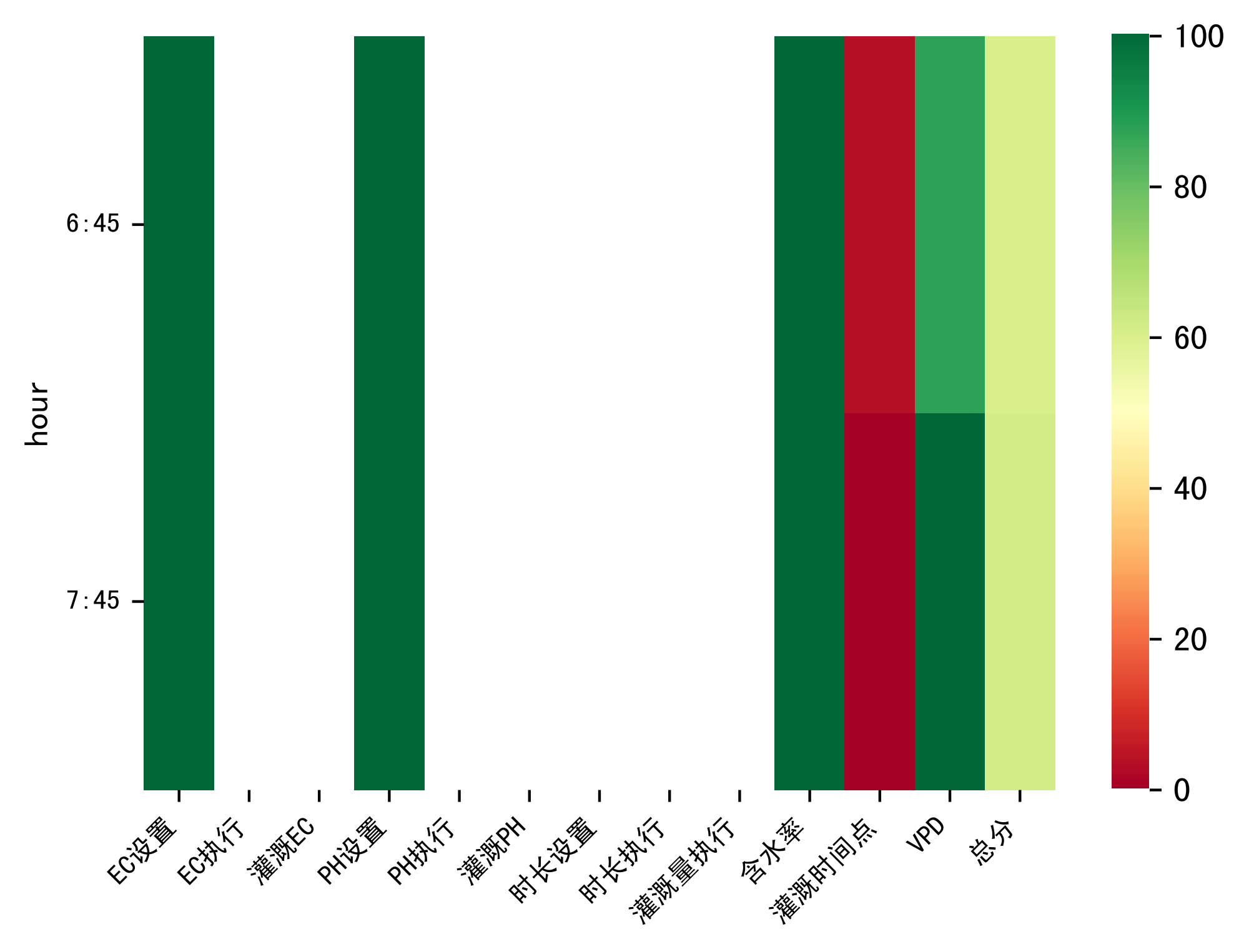

hour
6:40
10:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:40	125	50.0	晴	预期@06:40（未用传感器）
10:10	125	50.0	晴	预期@10:10（未用传感器）
总计	250.0 (2次)	100.0		建议进液EC：1840.0， PH：6.0

进回液EC差(2190.0 vs 3260.0)偏高

P3-15_0, Day=10 (2025-04-10)

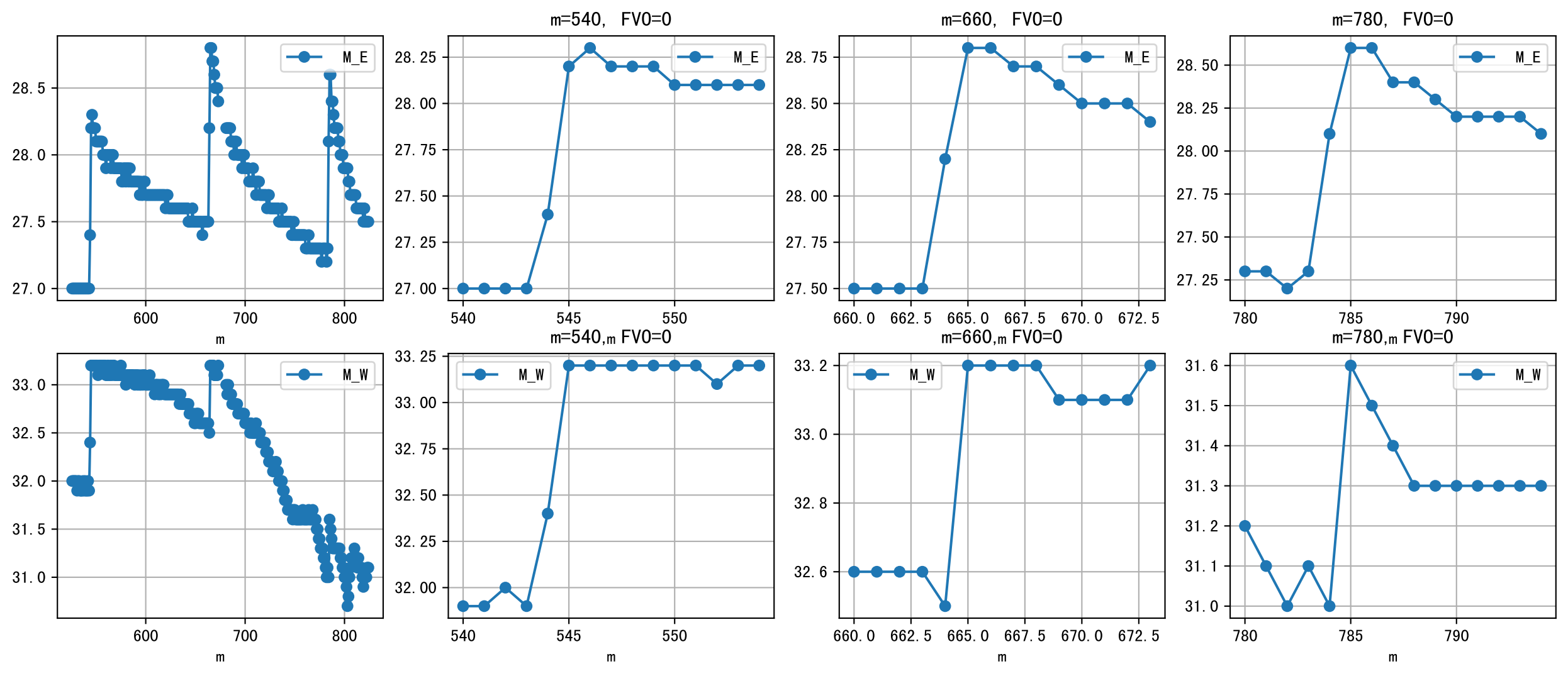


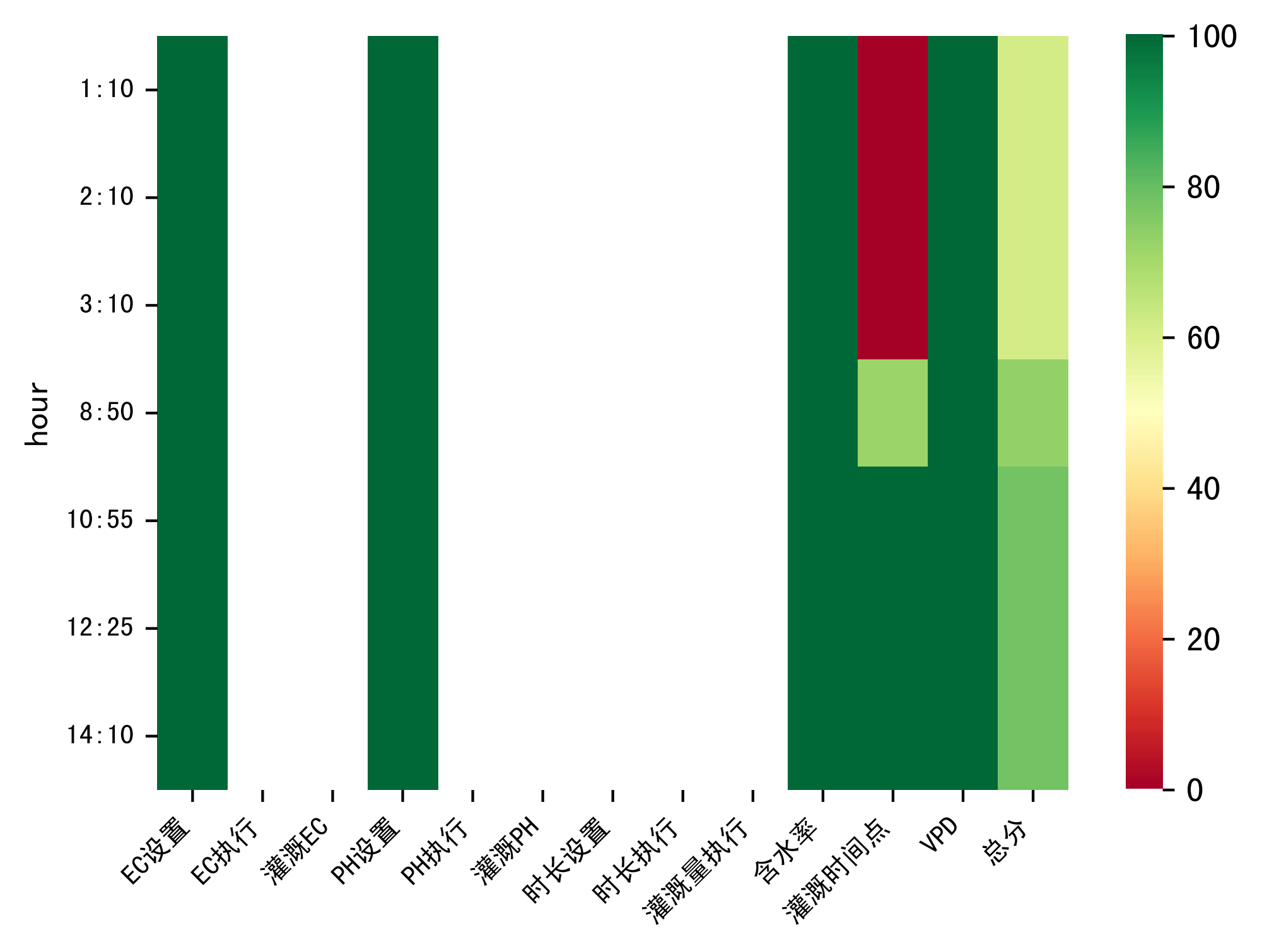

hour
6:45
7:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:45	120	50.0	阴	假设@06:45（未用传感器）
07:45	120	50.0	阴	假设@07:45（未用传感器）
总计	240.0 (2次)	100.0		建议进液EC：1860.0， PH：6.0

施肥机灌溉量与预期值不符 (66.0 : 50.0)，可能由于一阀多区不均匀
默认实际灌溉50.0 ml.
进回液EC差(2155.0 vs 3130.0)偏高

P3-15_0, Day=9 (2025-04-09)

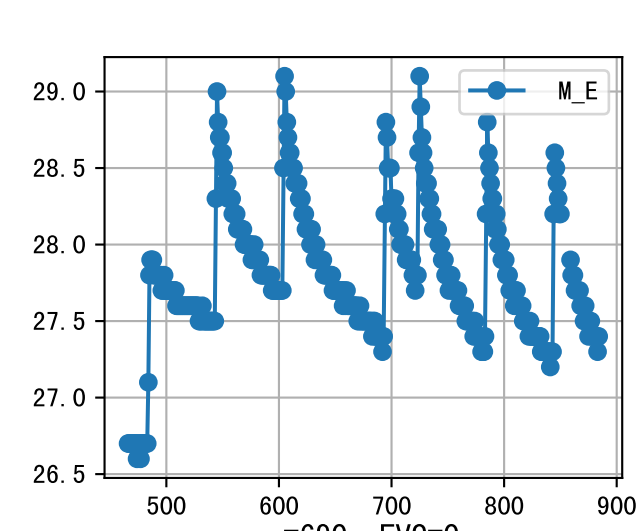

m=540, FV0=0
m=660, FV0=0
m=780, FV0=0
m=540,m FV0=0
m=660,m FV0=0
m=780,m FV0=0
M_E
M_W
m

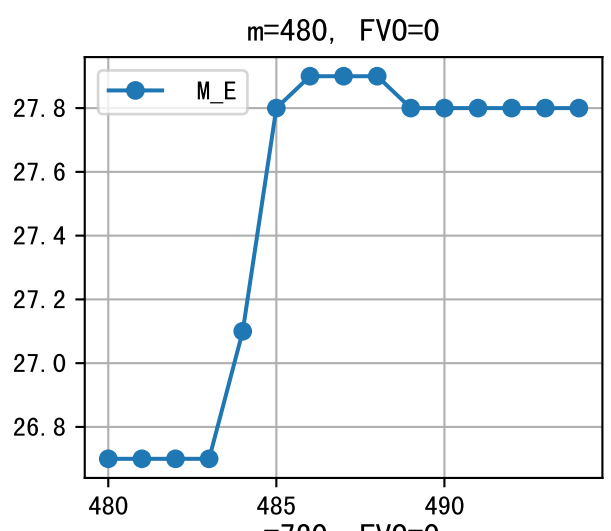

hour
1:10
2:10
3:10
8:50
10:55
12:25
14:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
01:10	120	50.0	晴	假设@01:10（未用传感器）
02:10	120	50.0	晴	假设@02:10（未用传感器）
03:10	120	50.0	多云	假设@03:10（未用传感器）
08:50	120	50.0	多云	假设@08:50（未用传感器）
10:55	120	50.0	晴	假设@10:55（未用传感器）
12:25	120	50.0	多云	假设@12:25（未用传感器）
14:10	120	50.0	多云	假设@14:10（未用传感器）
总计	840.0 (7次)	350.0		建议进液EC：1852.0， PH：6.1

施肥机灌溉量与预期值不符 (66.0 : 50.0)，可能由于一阀多区不均匀
默认实际灌溉50.0 ml.
unusual large postFgEt from yesterday (151), set to 150.0 ml.
进回液EC差(2140.0 vs 3110.0)偏高

P3-15_0, Day=8 (2025-04-08)


M_E


m=480, FV0=0
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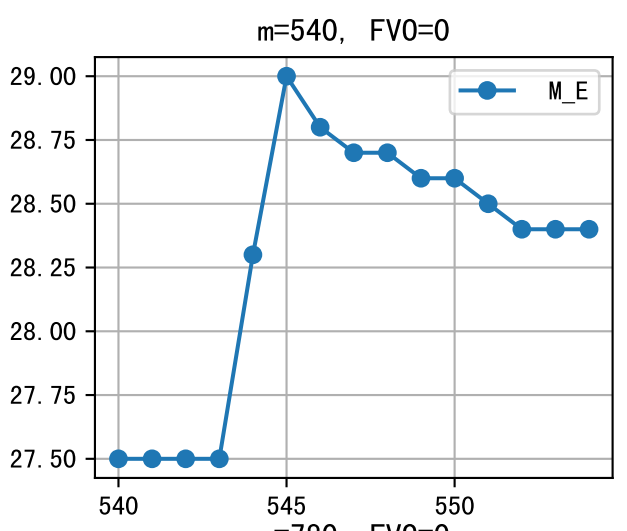
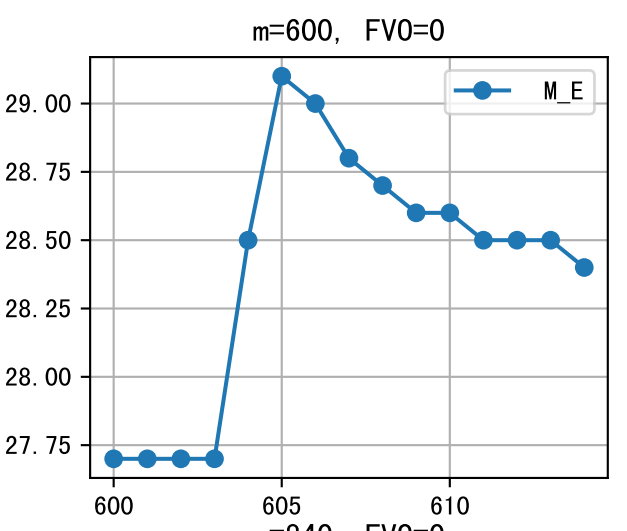

m=540, FV0=0
M_E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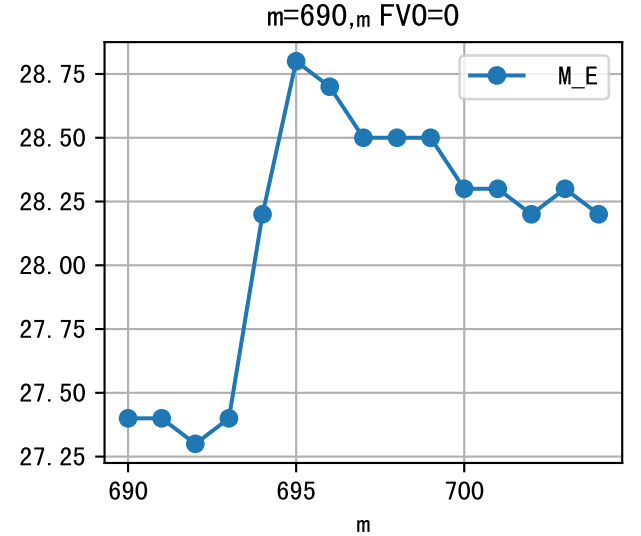
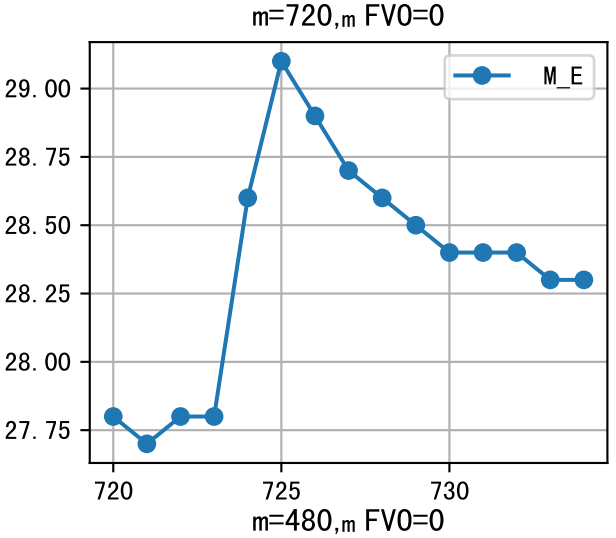
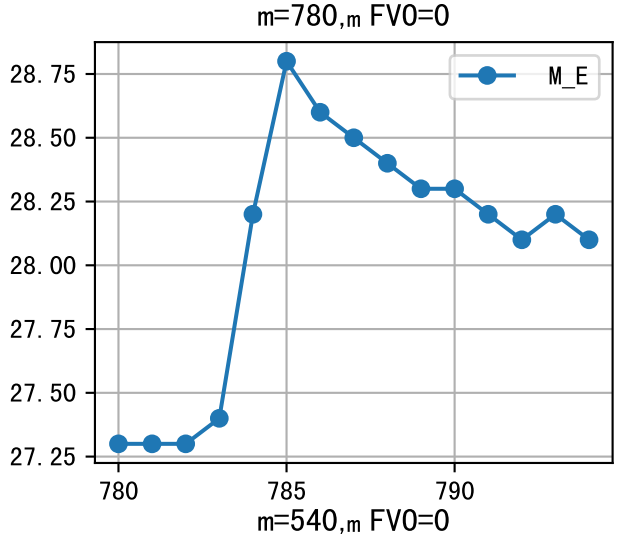
M_E


m=690,m FV0=0
M_E
m


m=720,m FV0=0
M_E
m=480,m FV0=0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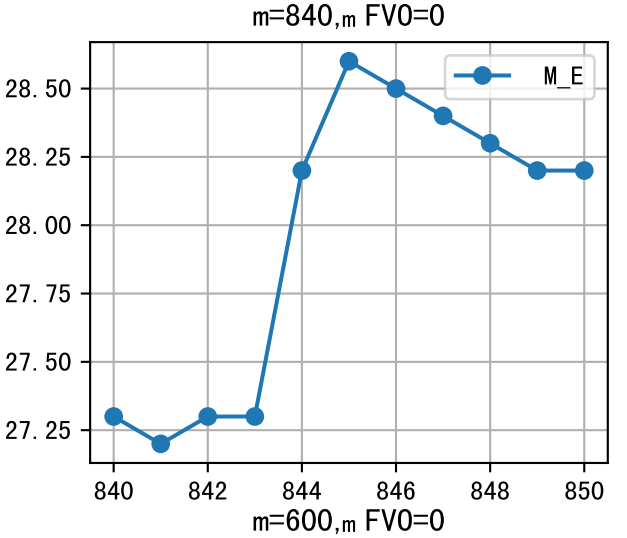
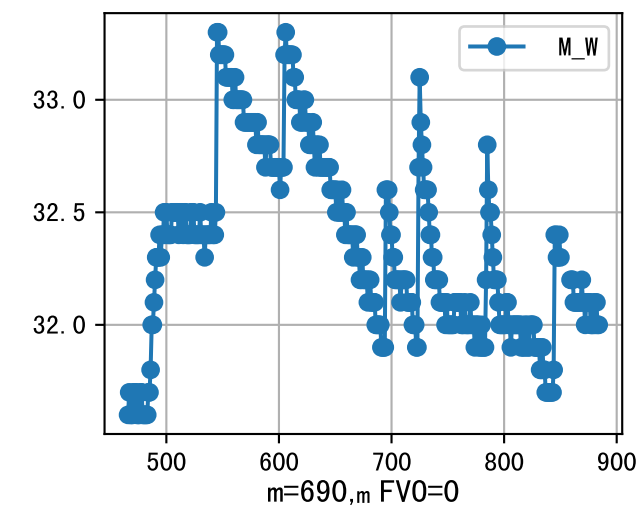
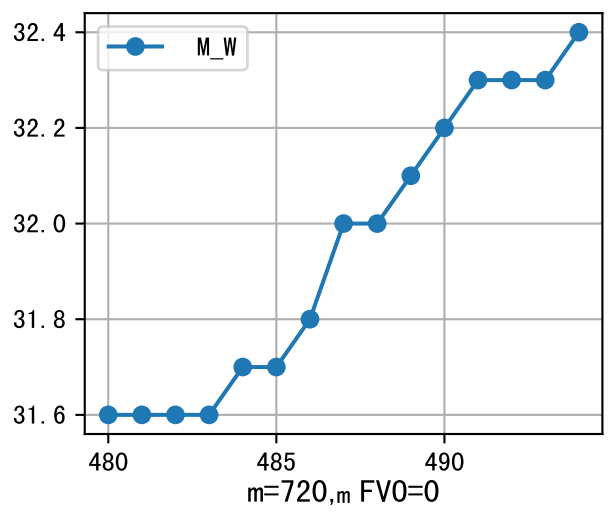
M_E
m=540,m FV0=0


m=840,m FV0=0
M_E
m=600,m FV0=0


M_W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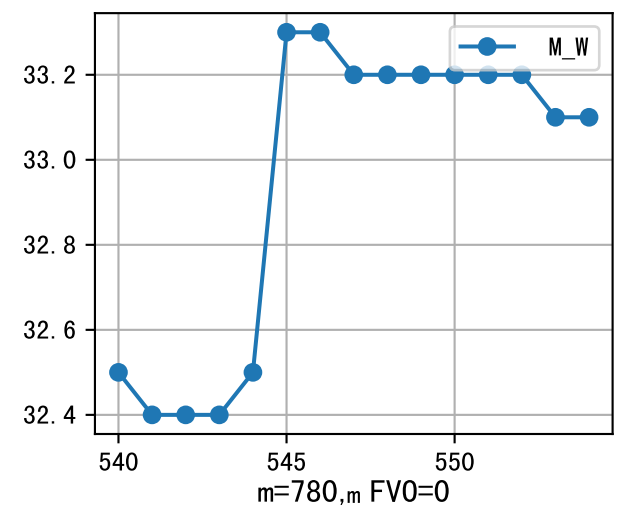
m=690,m FV0=0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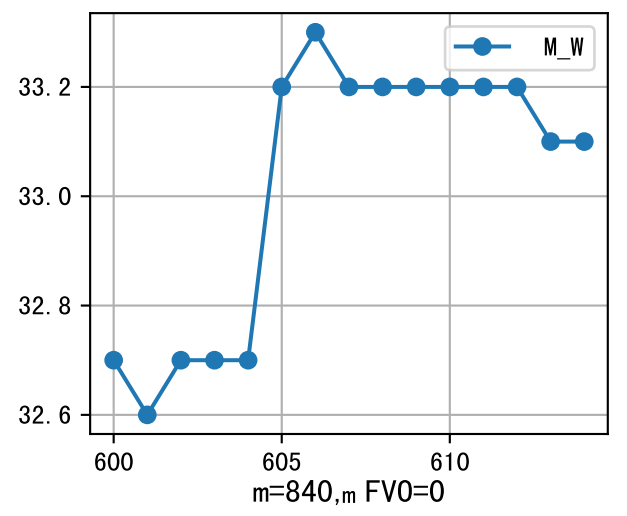
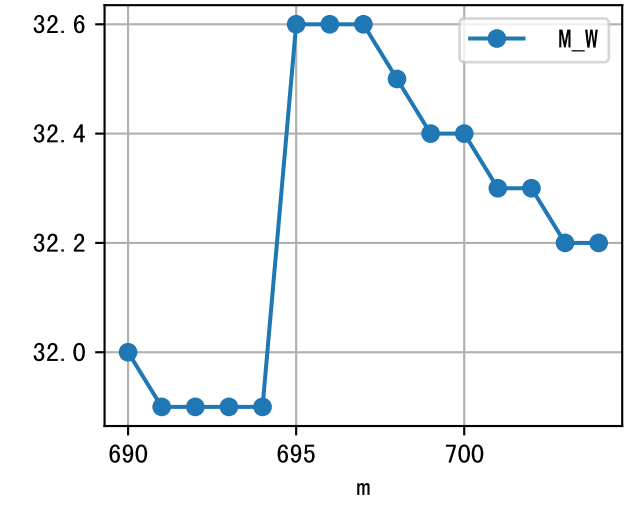
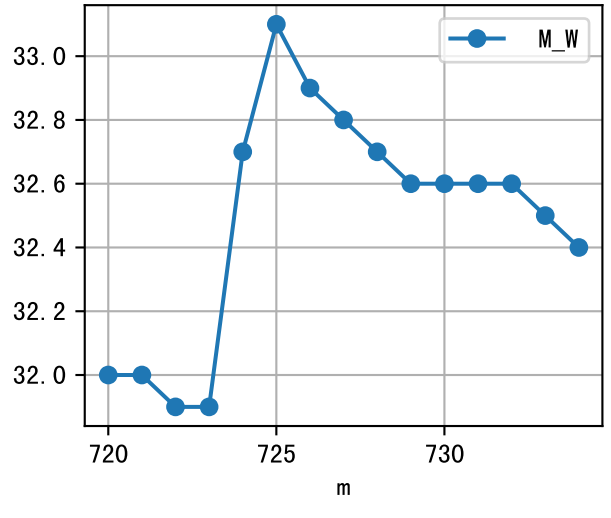
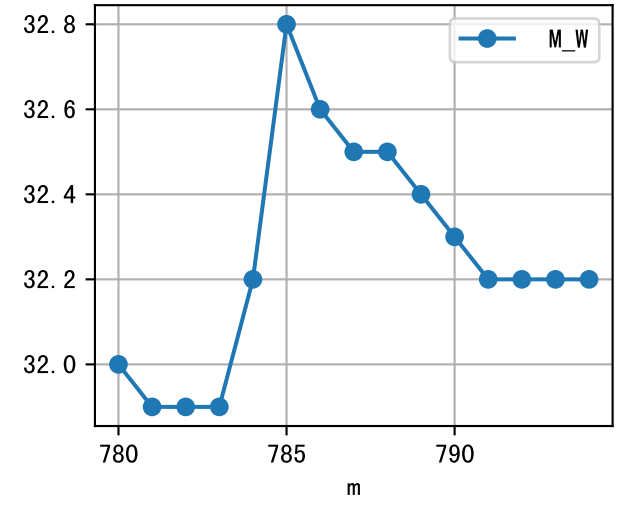
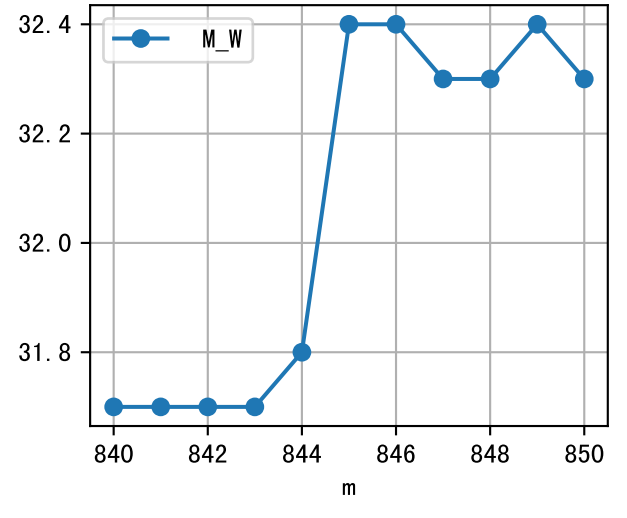
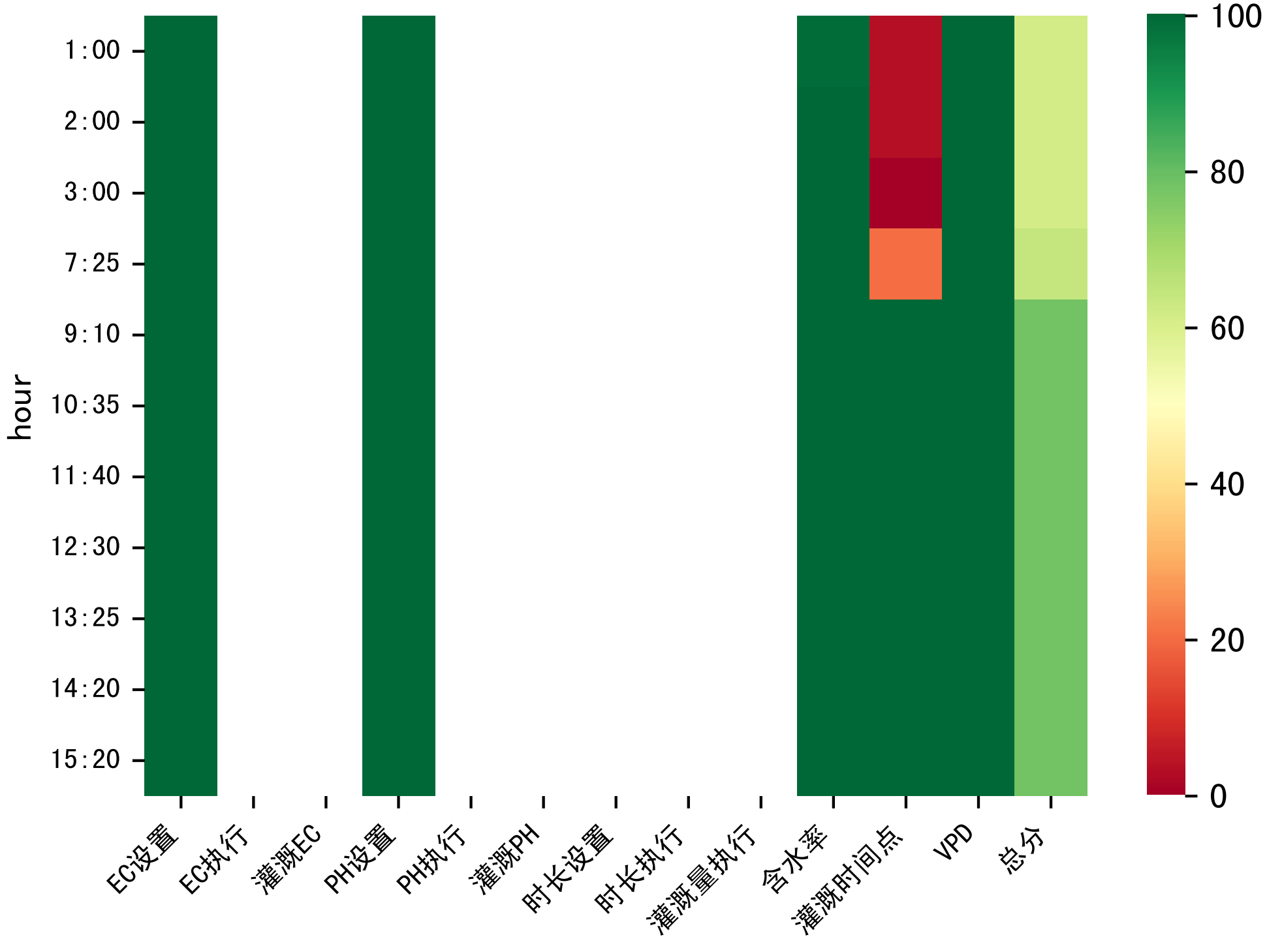

M_W
m=780,m FV0=0


M_W
m


M_W
m


M_W
m


M_W
m


hour
1:00
2:00
3:00
7:25
9:10
10:35
11:40
12:30
13:25
14:20
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
01:00	120	50.0	阴	假设@01:00（未用传感器）
02:00	120	50.0	阴	假设@02:00（未用传感器）
03:00	120	50.0	阴	假设@03:00（未用传感器）
07:25	120	50.0	多云	假设@07:25（未用传感器）
09:10	120	50.0	多云	假设@09:10（未用传感器）
10:35	120	50.0	多云	假设@10:35（未用传感器）
11:40	120	50.0	晴	假设@11:40（未用传感器）
12:30	120	50.0	晴	假设@12:30（未用传感器）
13:25	120	50.0	晴	假设@13:25（未用传感器）
14:20	120	50.0	晴	假设@14:20（未用传感器）
15:20	120	50.0	晴	假设@15:20（未用传感器）
总计	1320.0 (11次)	550.0		建议进液EC：1895.0， PH：6.2

施肥机灌溉量与预期值不符 (66.0 : 50.0)，可能由于一阀多区不均匀
默认实际灌溉50.0 ml.
large discrepency for begining water status (172:96.0), set to 150.0 ml.
进回液EC差(2105.0 vs 2995.0)偏高

P3-15_0, Day=7 (2025-04-07)

m=480, FV0=0

m=540, FV0=0

m=600, FV0=0

m=690,m FV0=0

m=720,m FV0=0

m=780,m FV0=0

m=840,m FV0=0

m=480,m FV0=0

m=540,m FV0=0

m=600,m FV0=0

m=690,m FV0=0

m=720,m FV0=0

m=780,m FV0=0

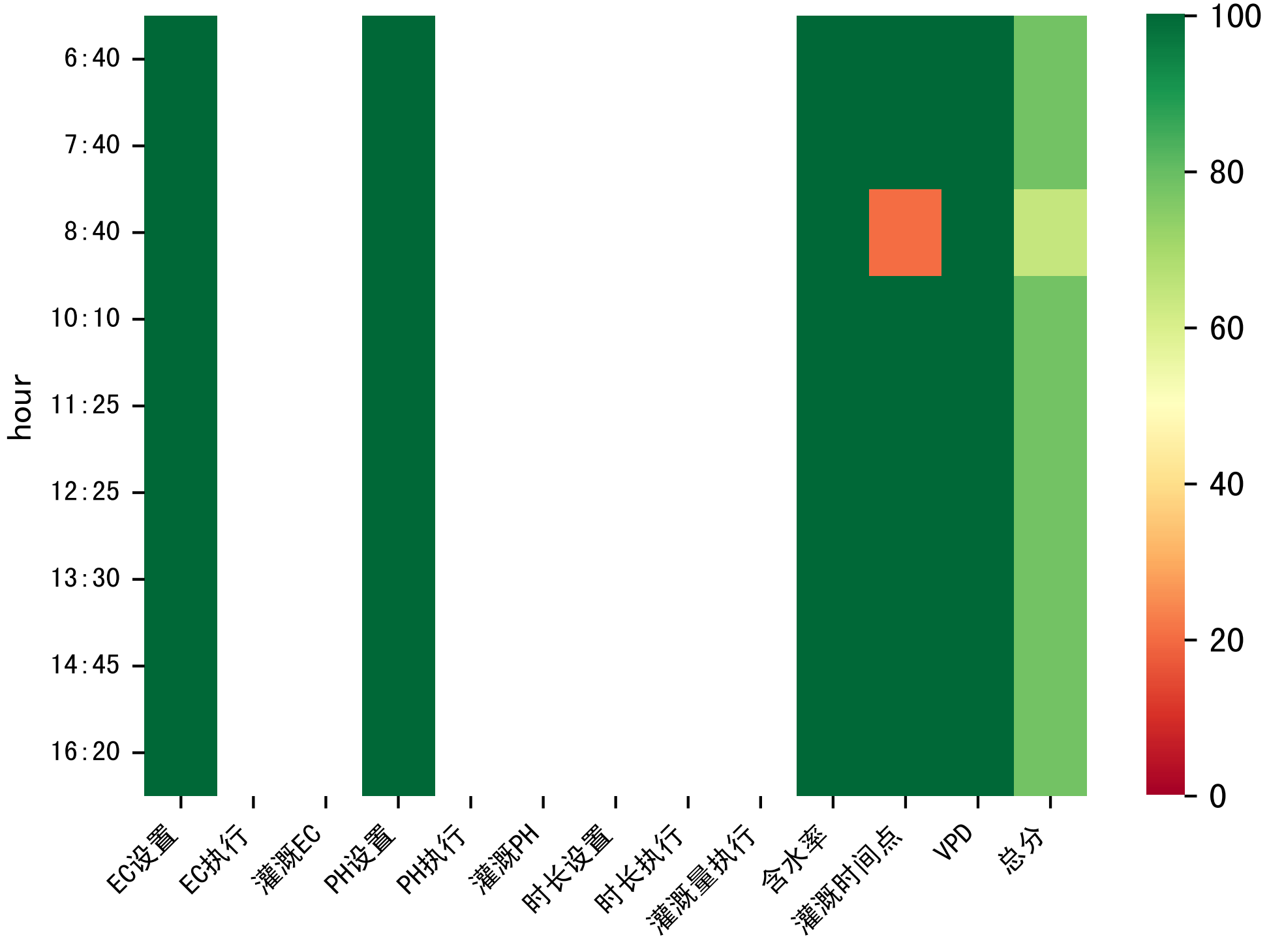
m=840,m FV0=0

m

m

m

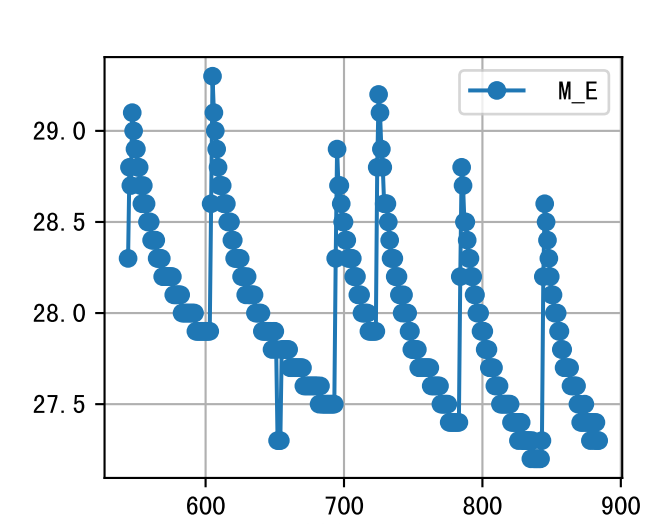
m

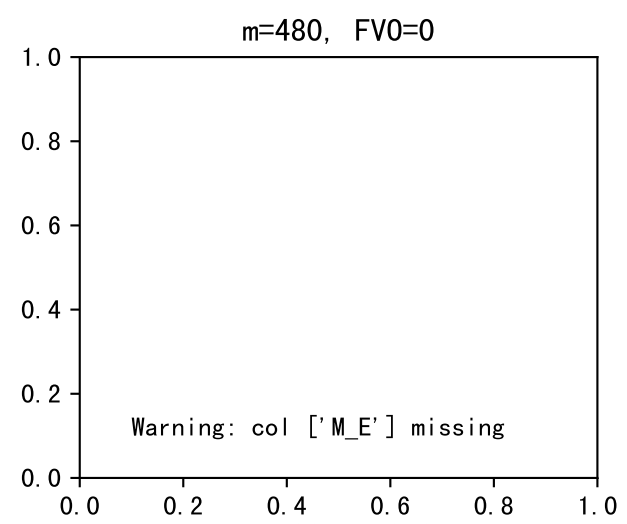

hour
6:40
7:40
8:40
10:10
11:25
12:25
13:30
14:45
16:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

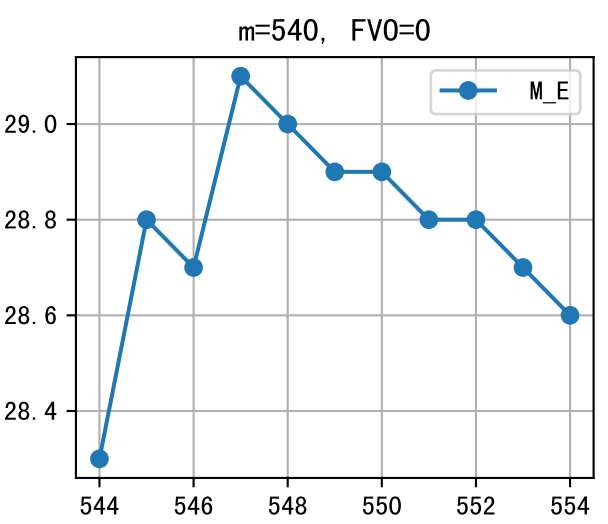
时间	灌溉时长(秒)	灌溉量(毫升/株)	天气	注释
06:40	120	50.0	晴	假设@06:40（未用传感器）
07:40	120	50.0	多云	假设@07:40（未用传感器）
08:40	120	50.0	晴	假设@08:40（未用传感器）
10:10	120	50.0	晴	假设@10:10（未用传感器）
11:25	120	50.0	晴	假设@11:25（未用传感器）
12:25	120	50.0	晴	假设@12:25（未用传感器）
13:30	120	50.0	晴	假设@13:30（未用传感器）
14:45	120	50.0	多云	假设@14:45（未用传感器）
16:20	120	50.0	多云	假设@16:20（未用传感器）
总计	1080.0 (9次)	450.0		建议进液EC：1900.0， PH：6.0

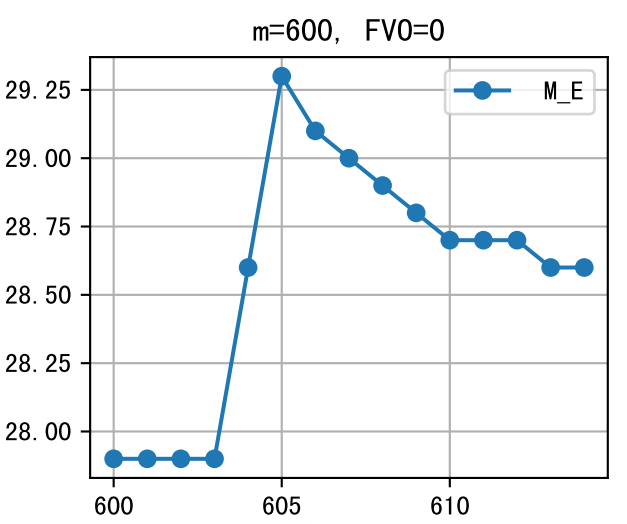
上次灌溉时长(120.0)与预期(109.0)不符, 可能由于多阀同灌按参考区灌溉
默认实际灌溉55.0 ml.
进回液EC差(2145.0 vs 2800.0)偏高

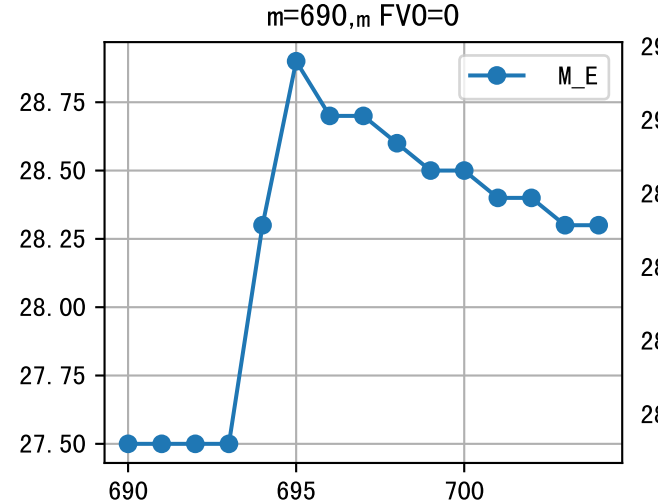
P3-15_0, Day=6 (2025-04-06)

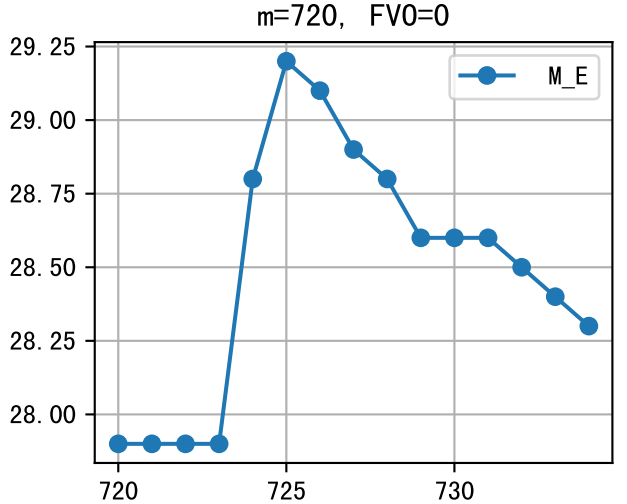

M_E
29.0
28.5
28.0
27.5
600
700
800
900

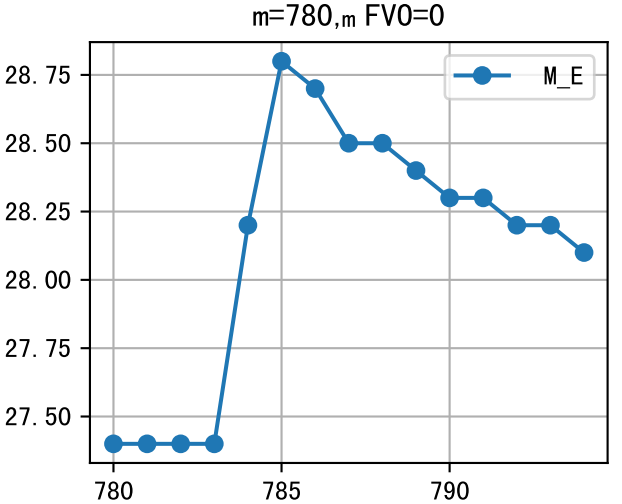

m=480, FV0=0
Warning: col ['M_E'] missing
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

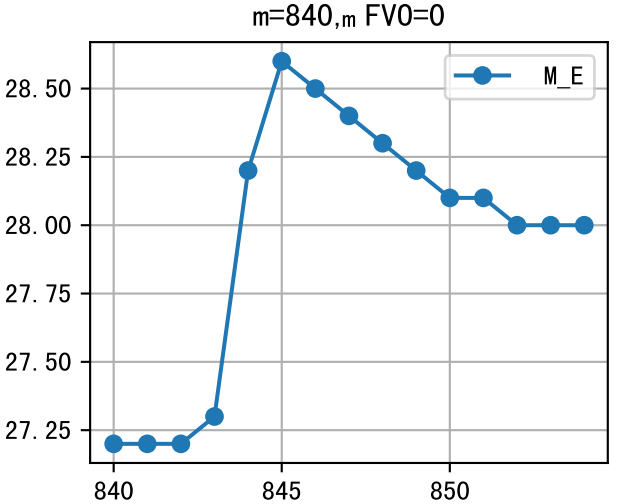

m=540, FV0=0
M_E
29.0
28.8
28.6
28.4
544
546
548
550
552
554

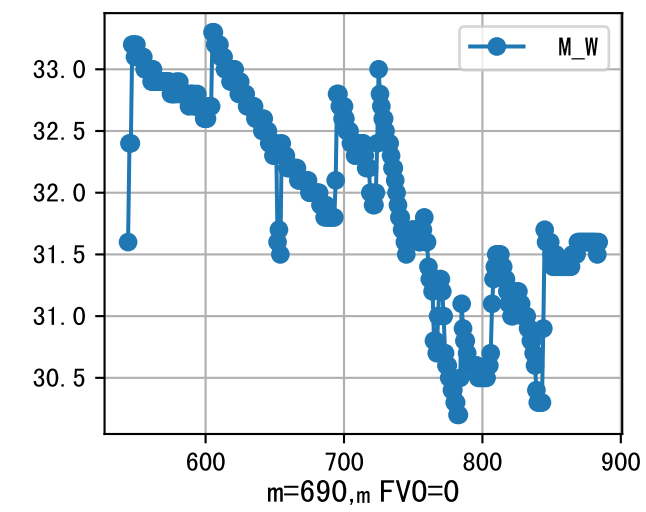

m=600, FV0=0
M_E
29.25
29.00
28.75
28.50
28.25
28.00
600
605
610

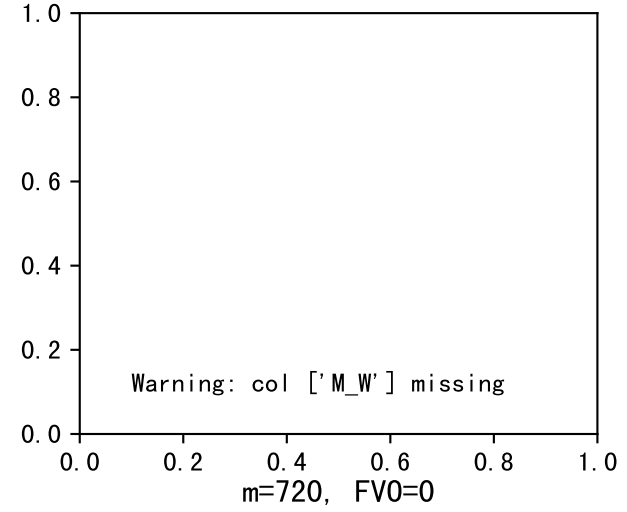

m=690,m FV0=0
M_E
28.75
28.50
28.25
28.00
27.75
27.50
690
695
700
m


m=720, FV0=0
M_E
29.25
29.00
28.75
28.50
28.25
28.00
720
725
730


m=780,m FV0=0
M_E
28.75
28.50
28.25
28.00
27.75
27.50
780
785
790


m=840,m FV0=0
M_E
28.50
28.25
28.00
27.75
27.50
27.25
840
845
850


M_W
33.0
32.5
32.0
31.5
31.0
30.5
600
700
800
900


Warning: col ['M_W'] missing
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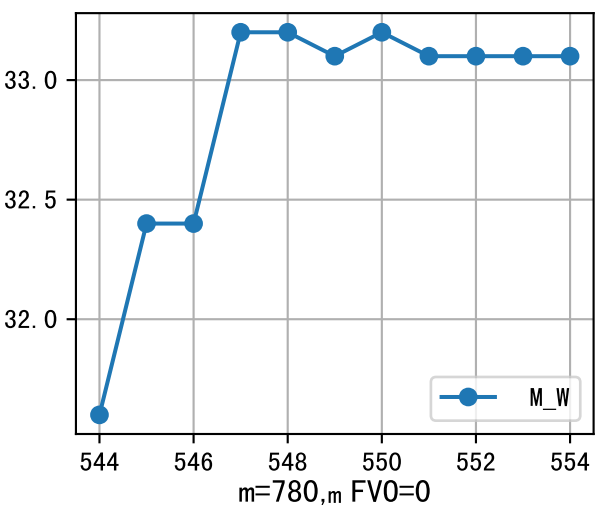
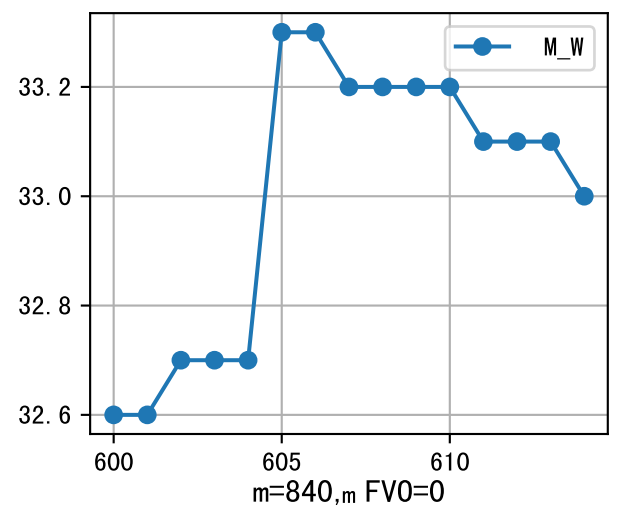
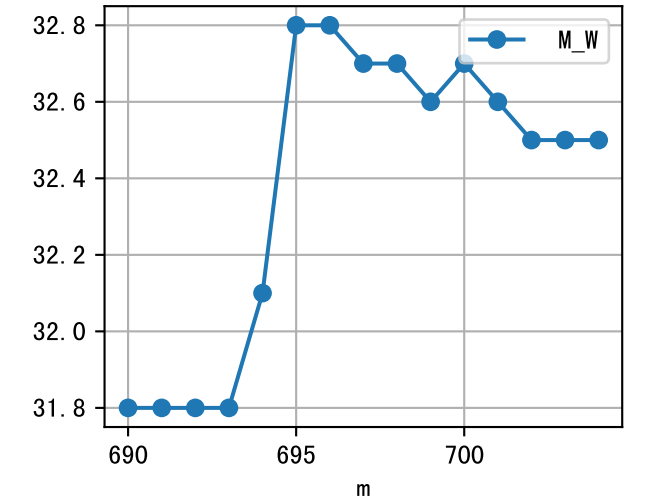
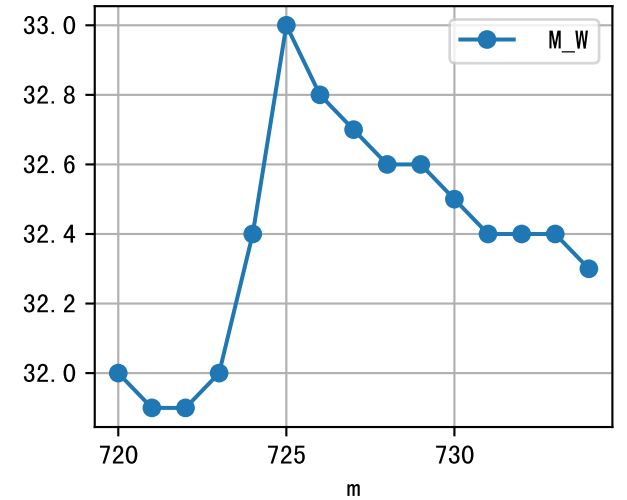
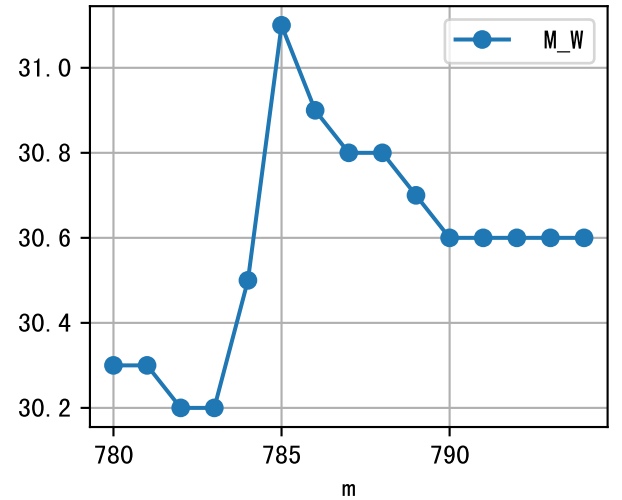
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

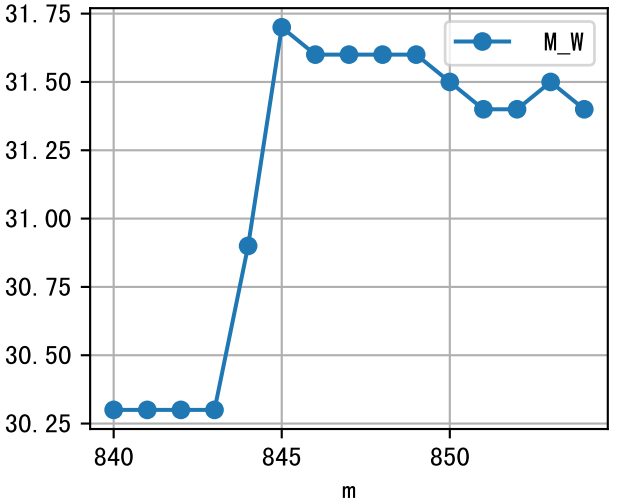

M_W
33.0
32.5
32.0
544
546
548
550
552
554


M_W
33.2
33.0
32.8
32.6
600
605
610


m=690,m FV0=0
M_W
32.8
32.6
32.4
32.2
32.0
31.8
690
695
700
m


m=720, FV0=0
M_W
33.0
32.8
32.6
32.4
32.2
32.0
720
725
730
m


m=780,m FV0=0
M_W
31.0
30.8
30.6
30.4
30.2
780
785
790
m


m=840,m FV0=0
M_W
31.75
31.50
31.25
31.00
30.75
30.50
30.25
840
845
850
m