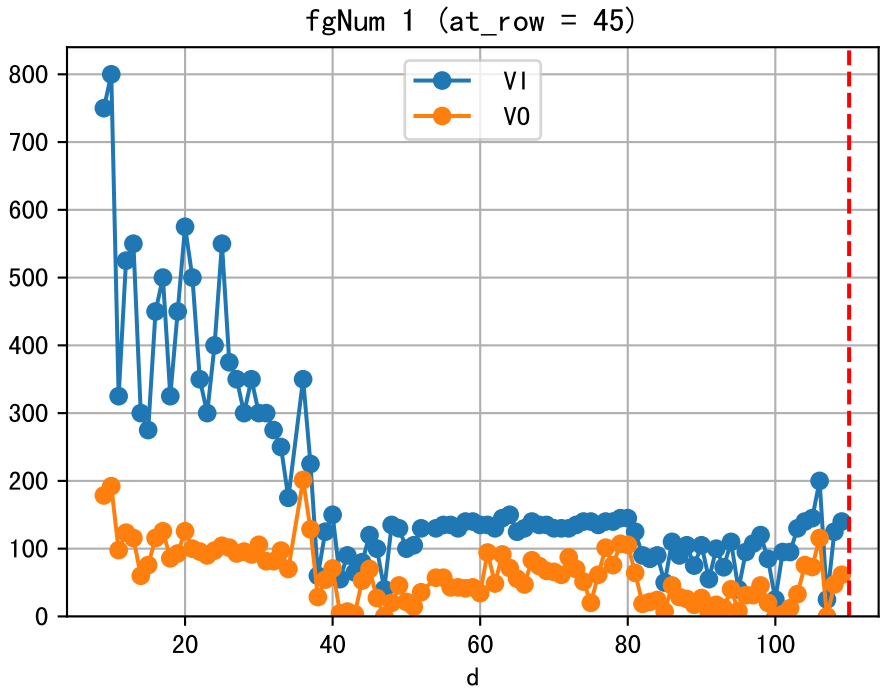
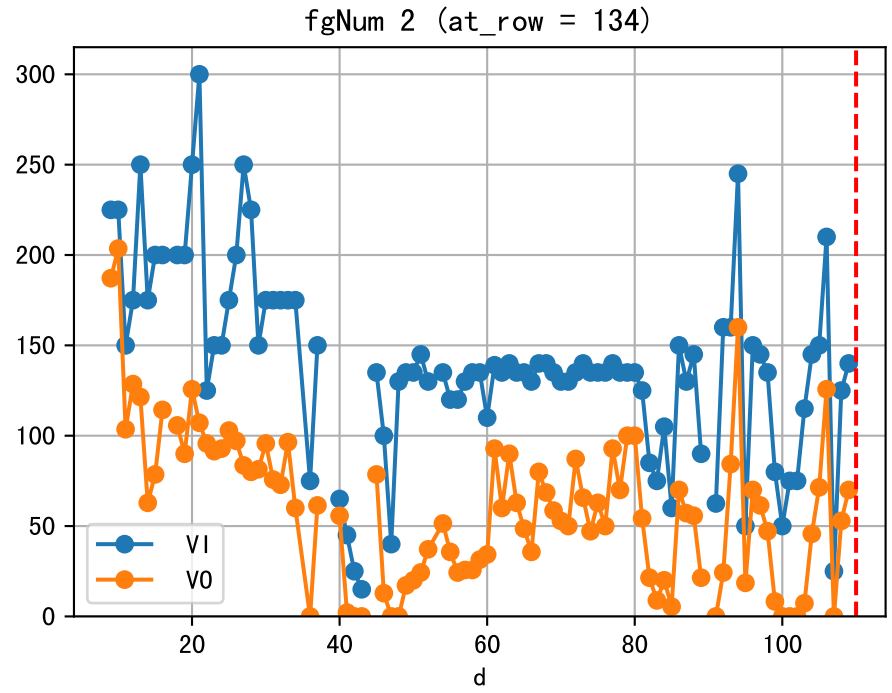
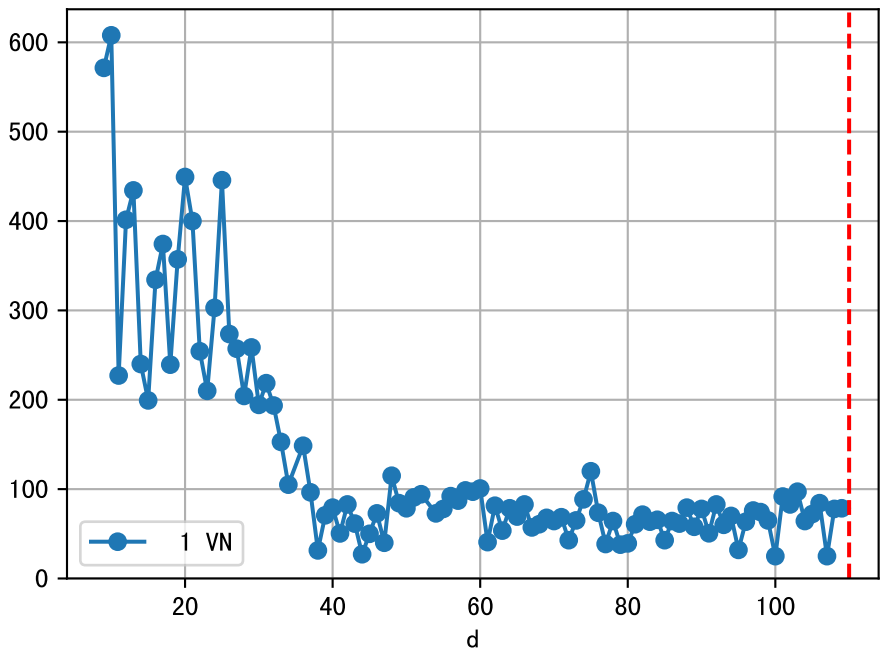
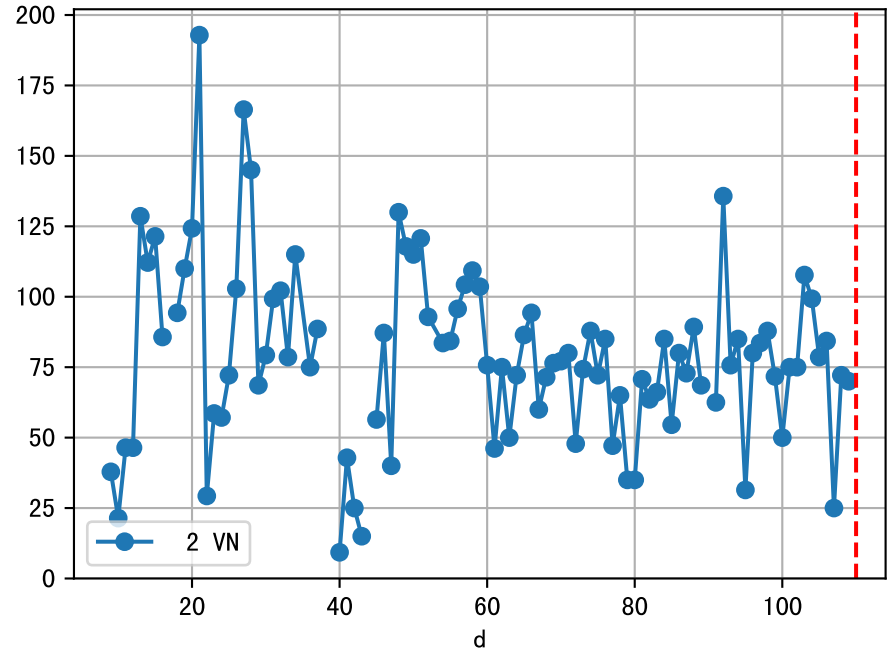
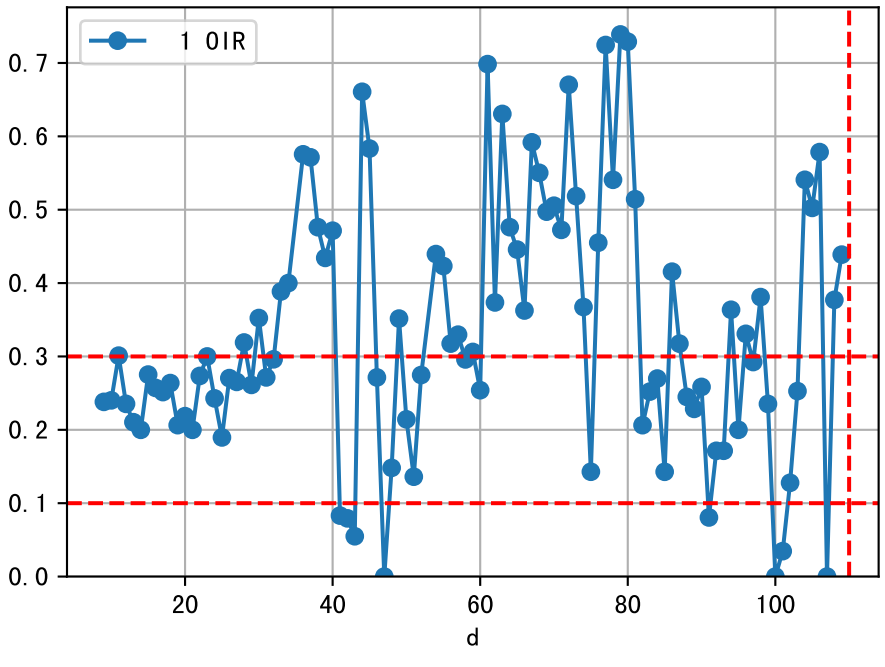
FgArea: ['0']
NC11 P2
2026-01-12 (Day 110)

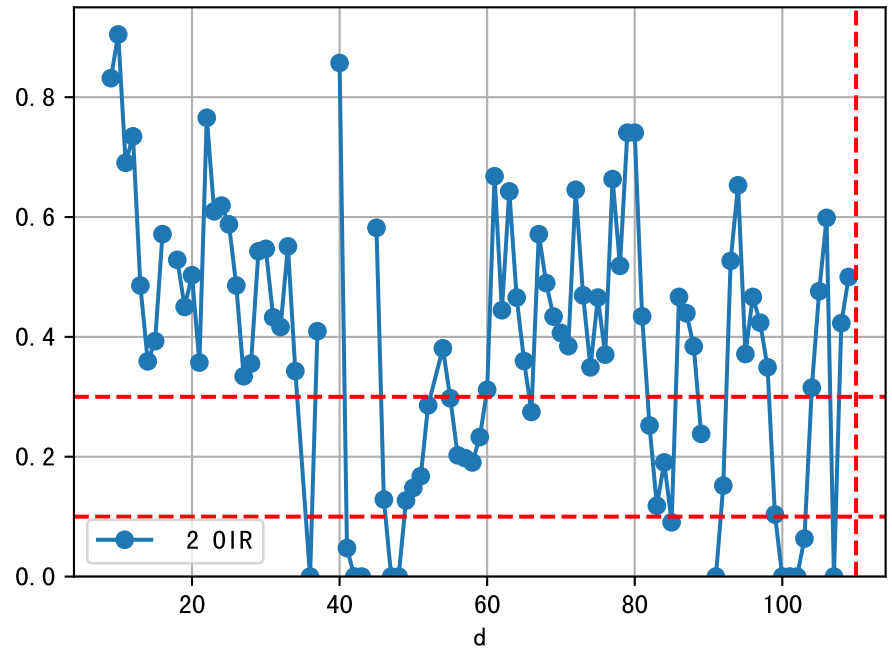

fgNum 1 (at_row = 45)
VI
VO
d

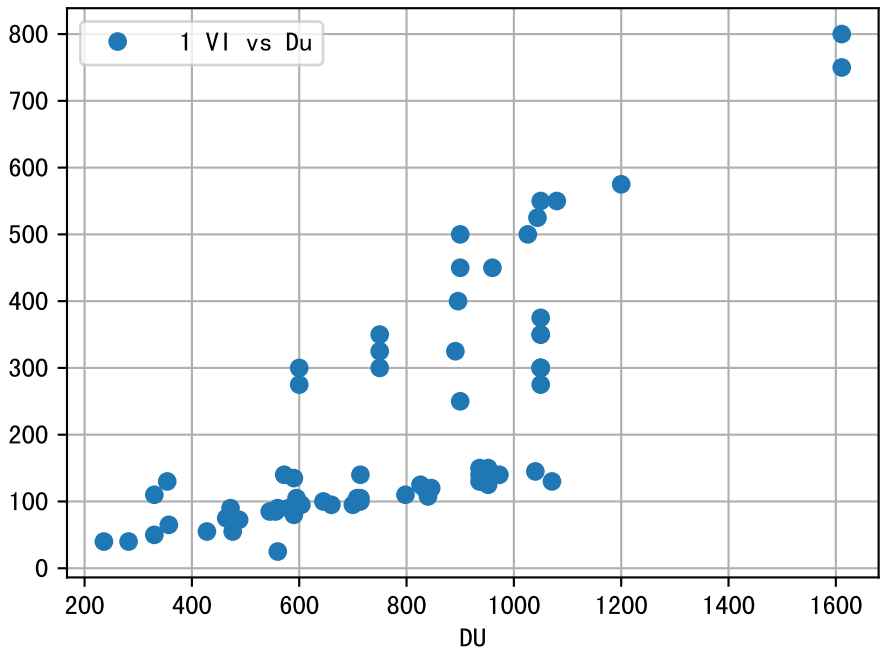

fgNum 2 (at_row = 134)
VI
VO
d

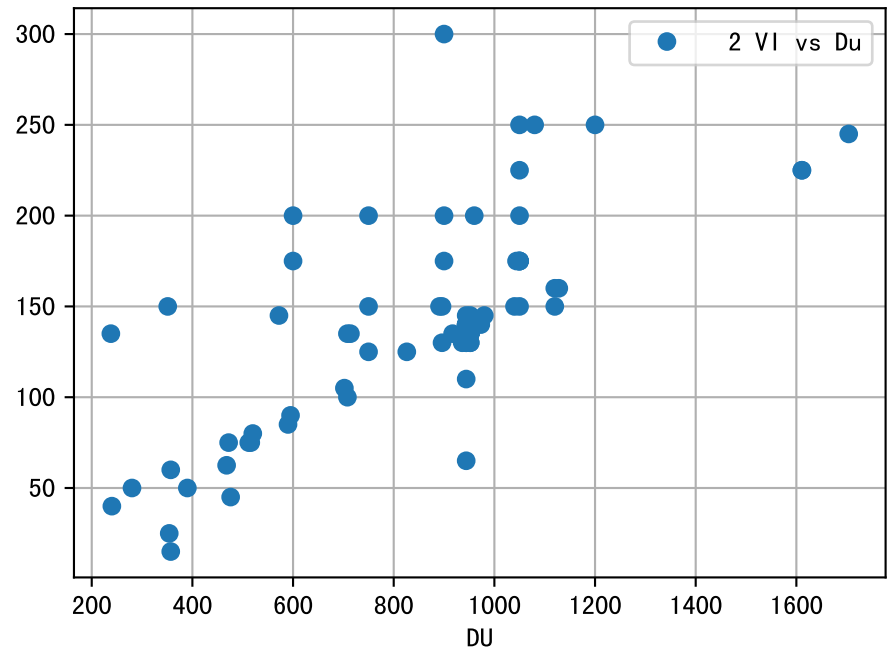

1 VN
d

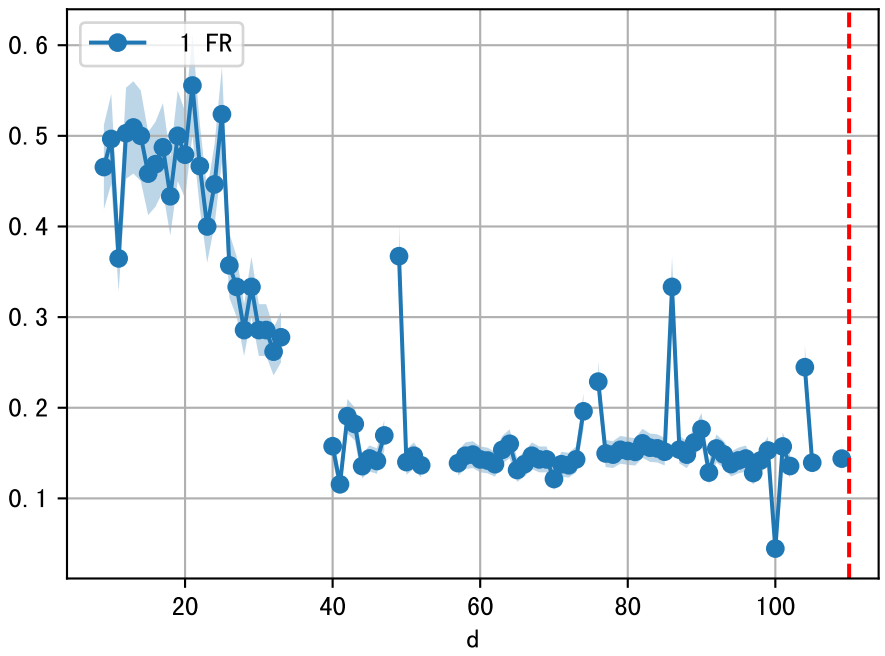

2 VN
d

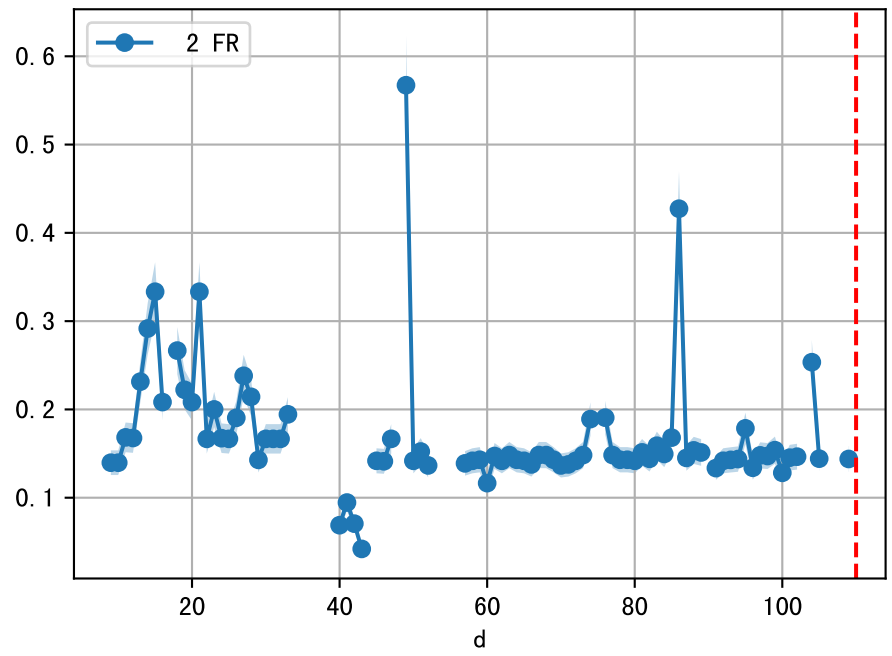

1 OIR
d

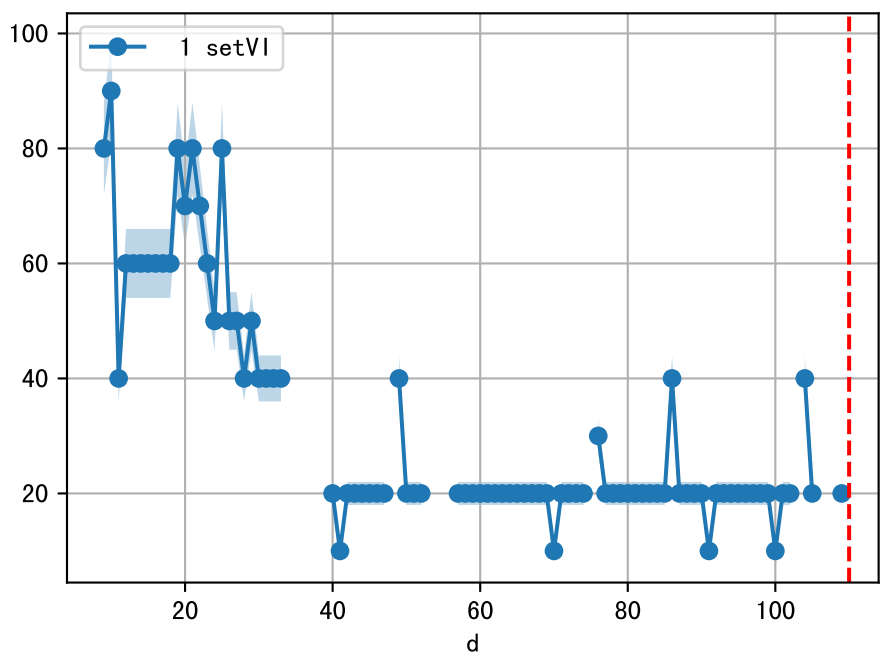

2 OIR
d

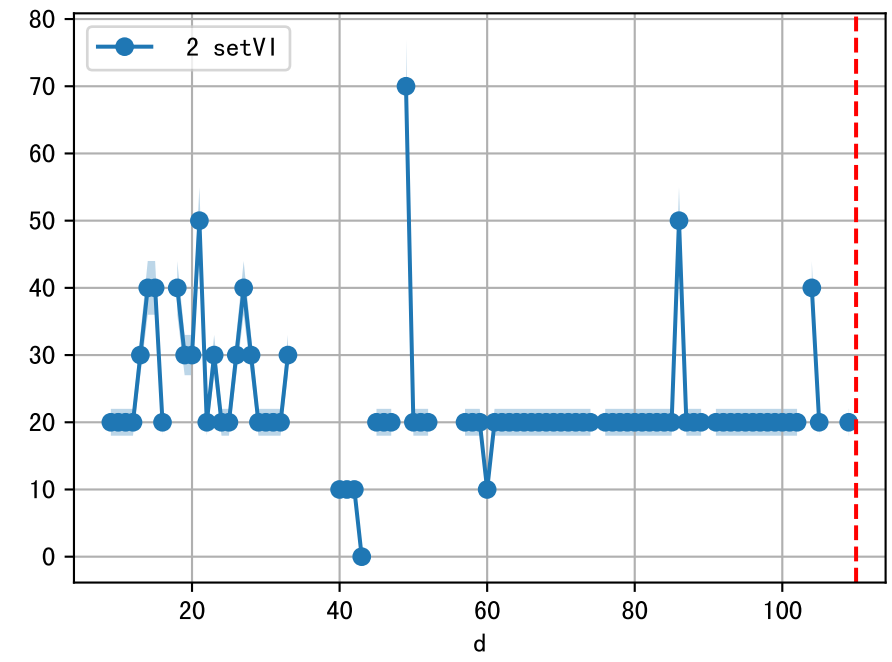

1 VI vs Du
DU

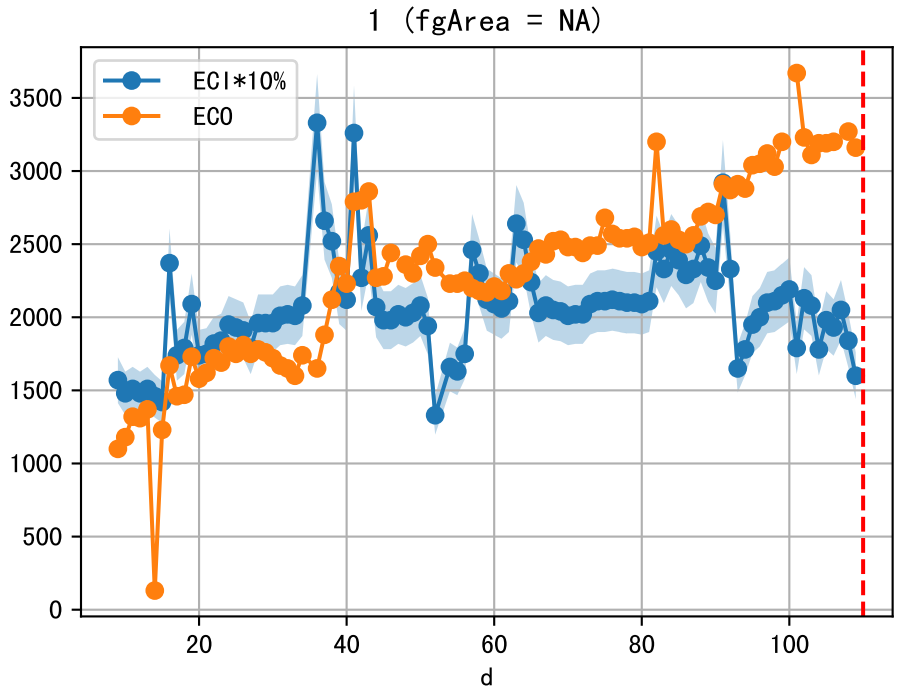

2 VI vs Du
DU

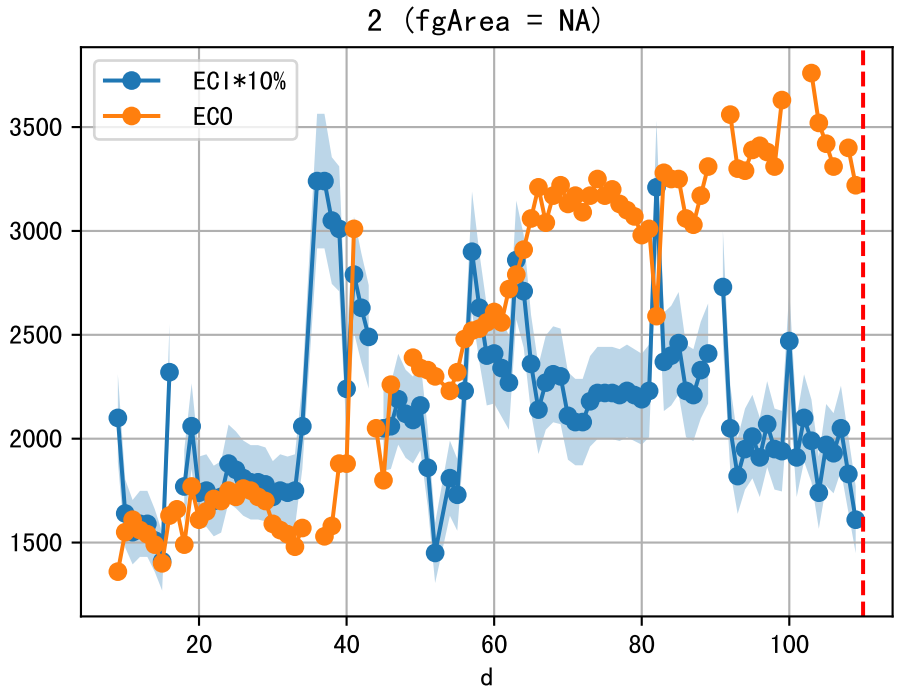

1 FR
d

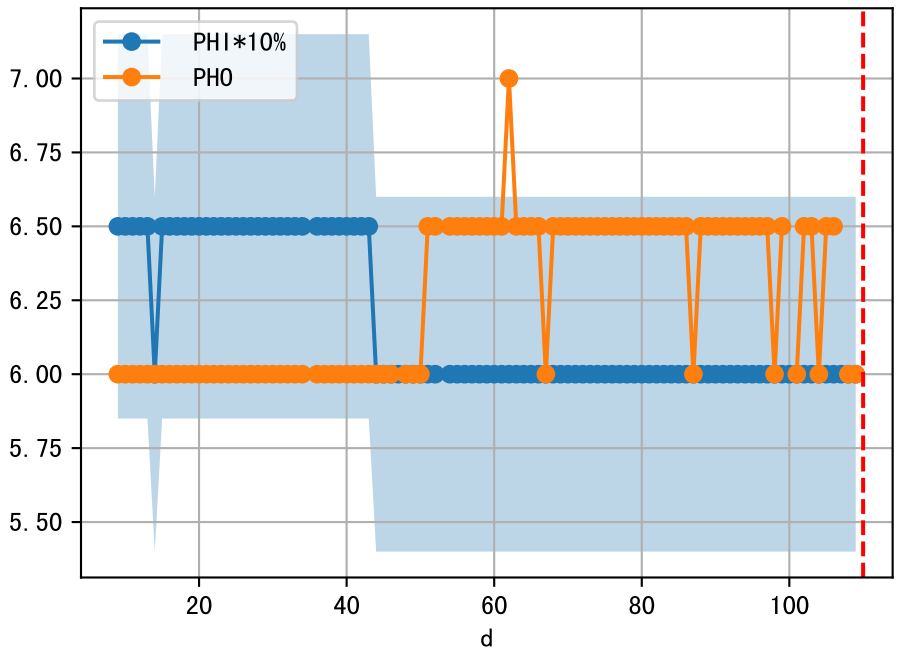

2 FR
d

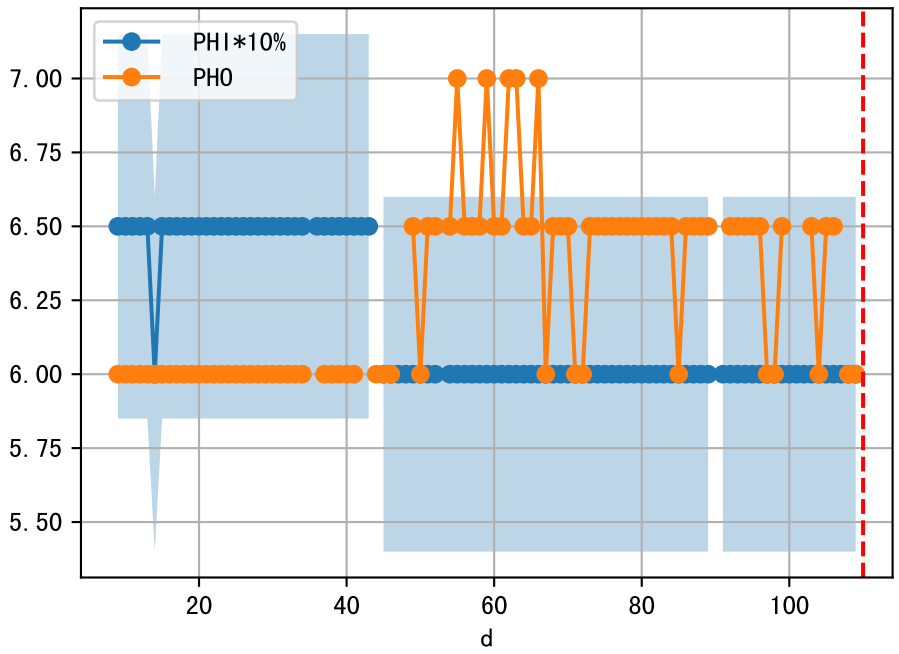

1 setVI
d

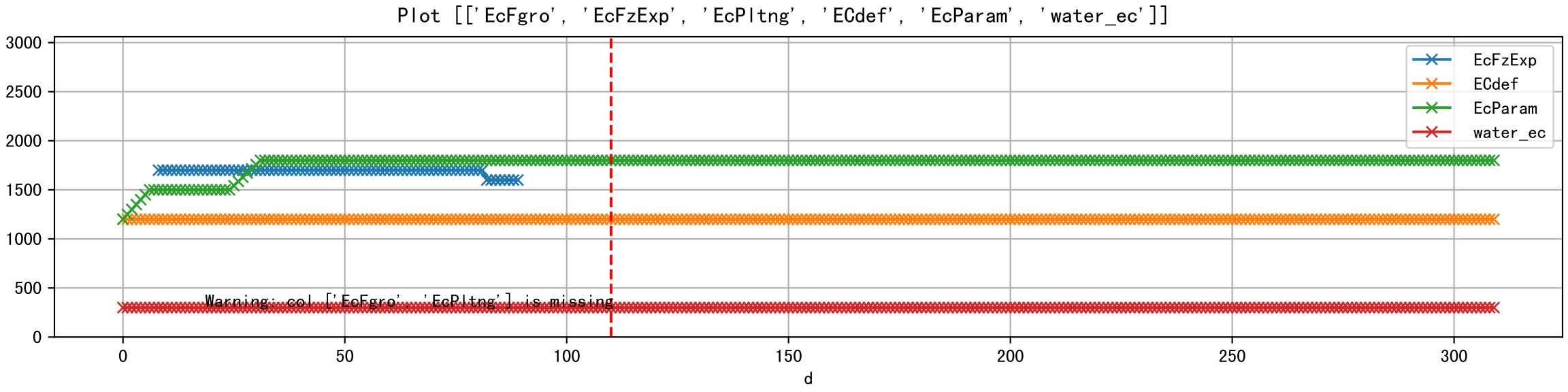

2 setVI
d

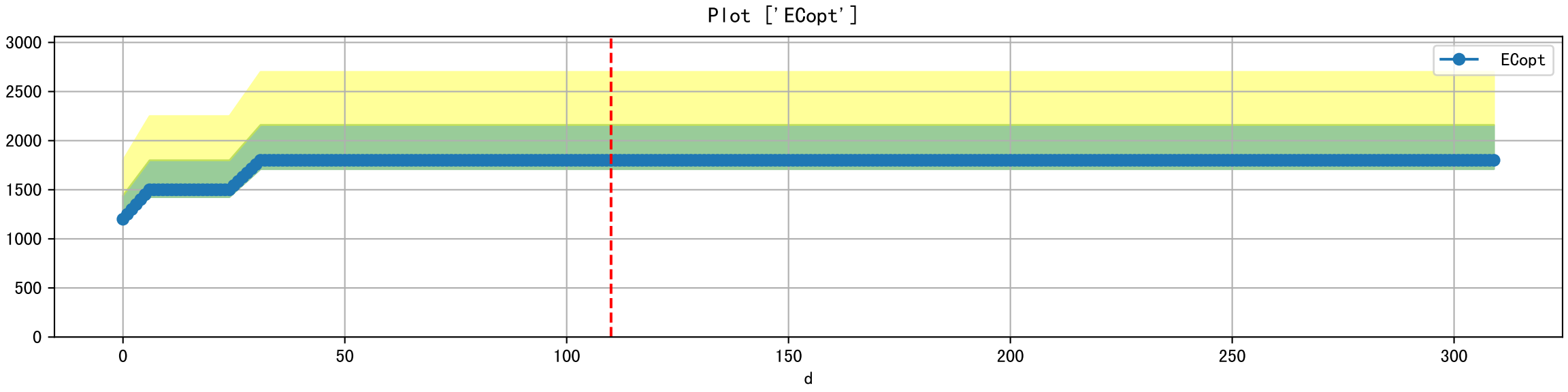

1 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
d


2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
20
40
60
80
100
d

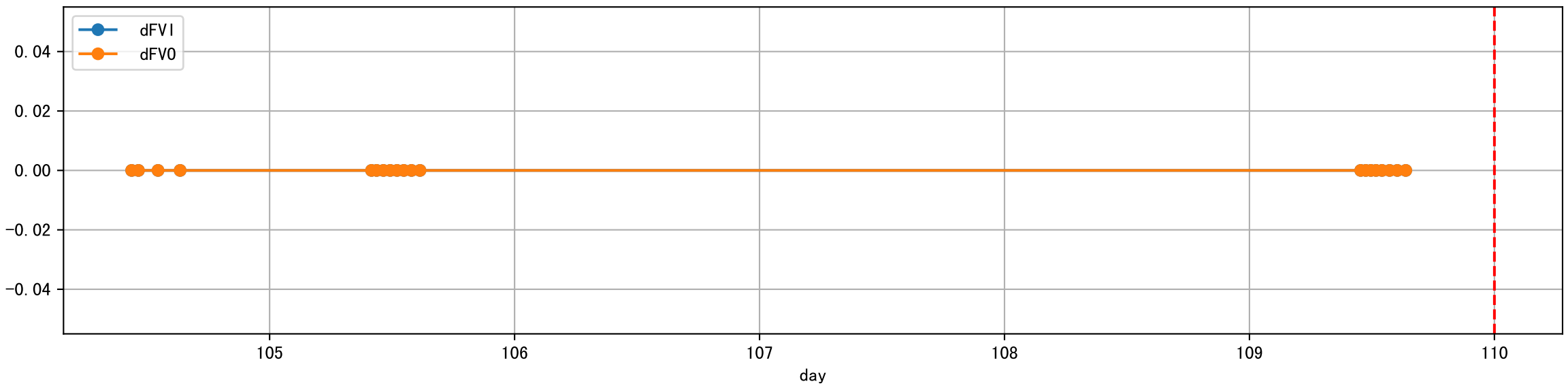

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
d

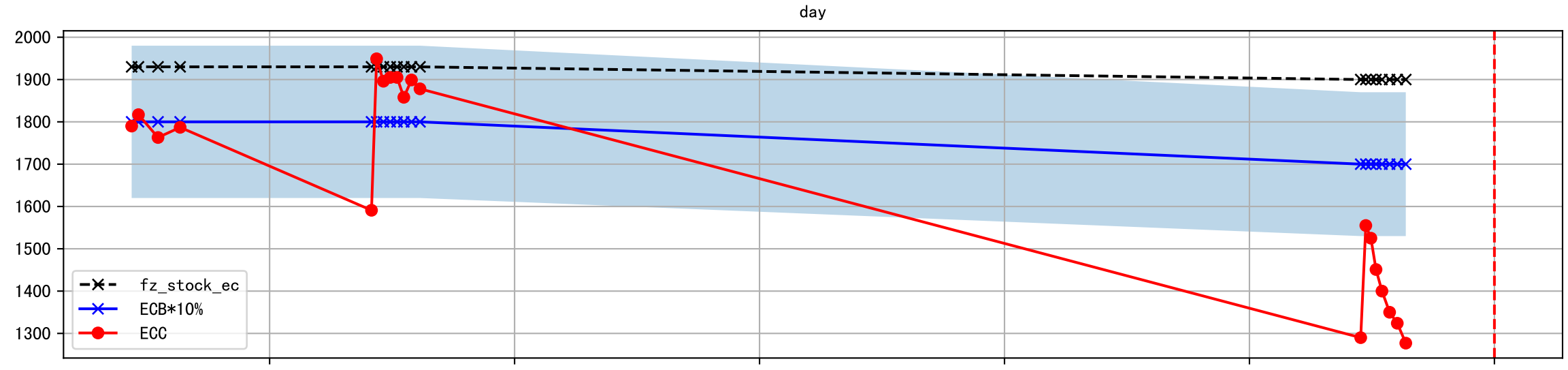

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
d

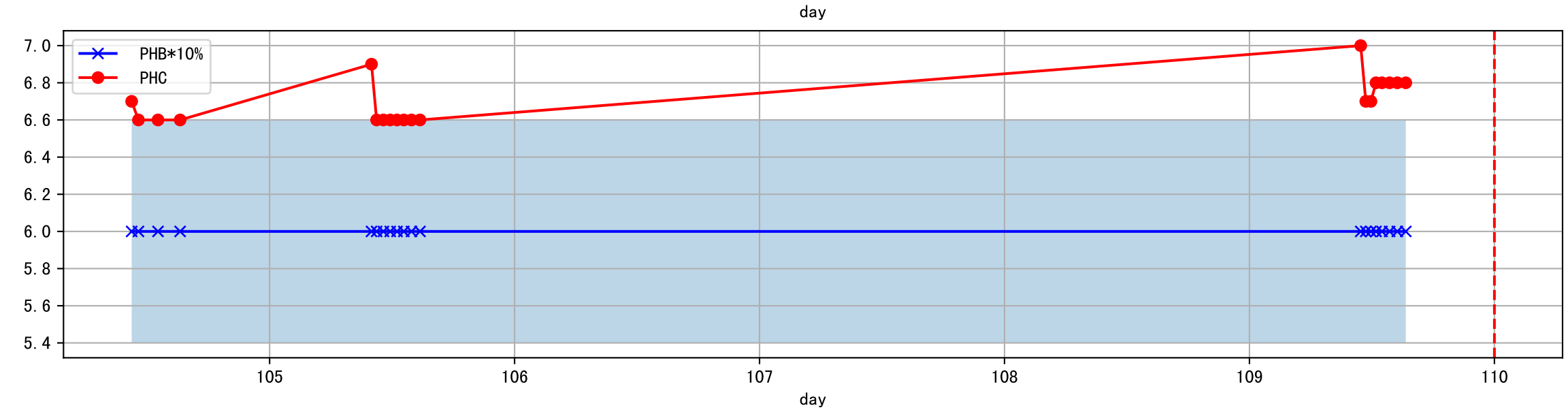

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

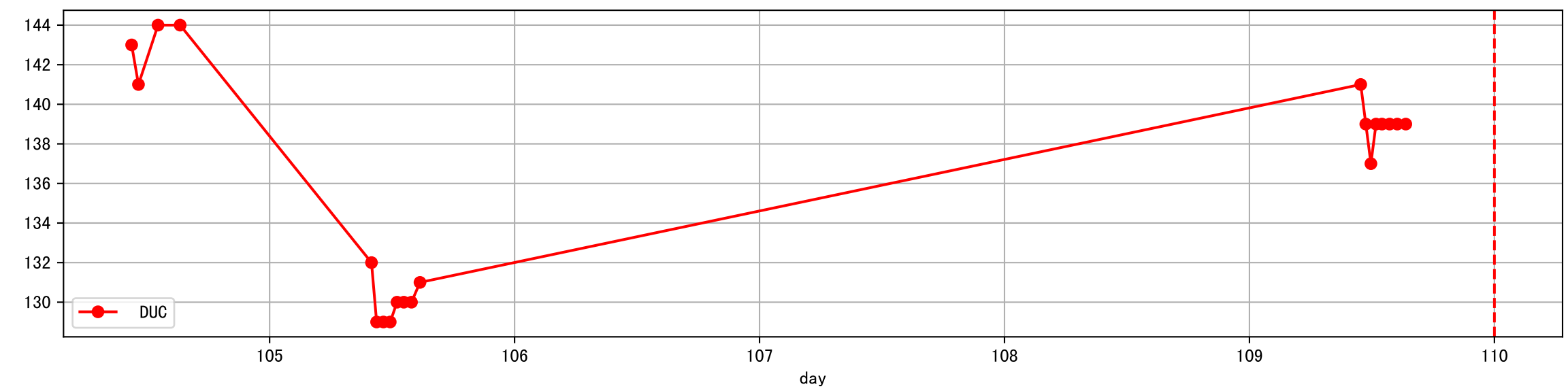

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

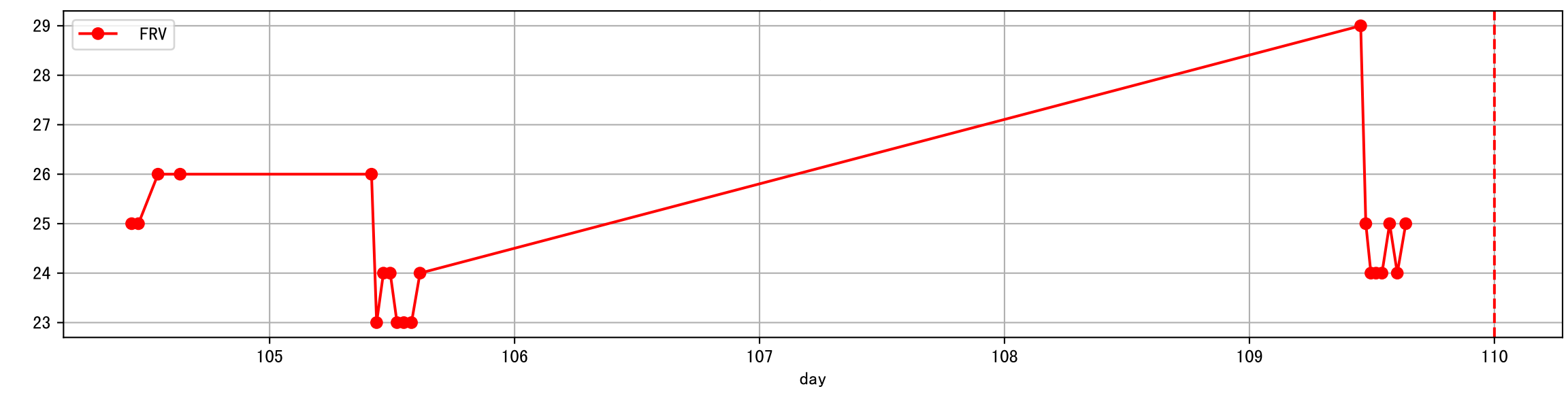
Plot Sensor and FgRec Data

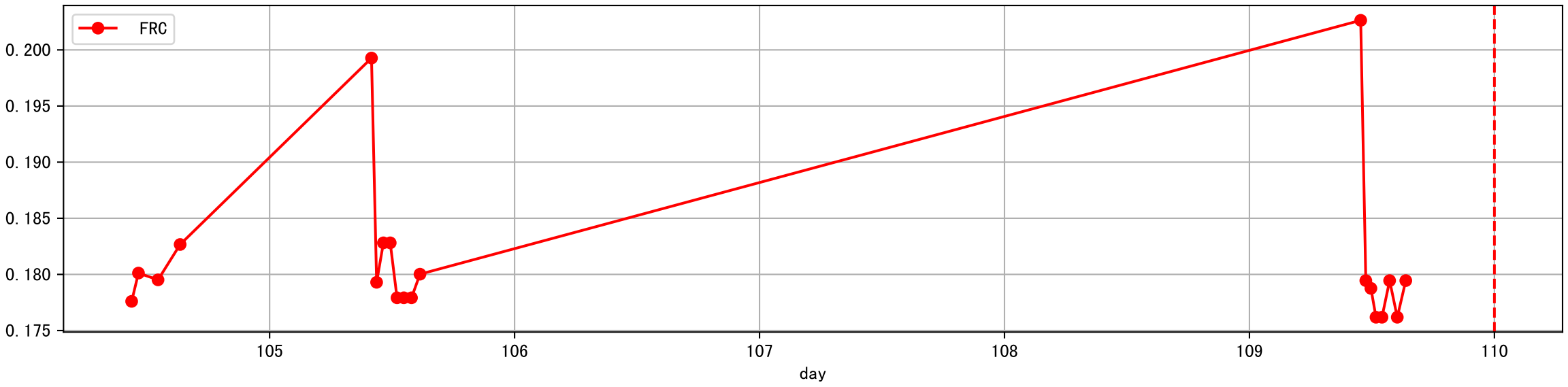


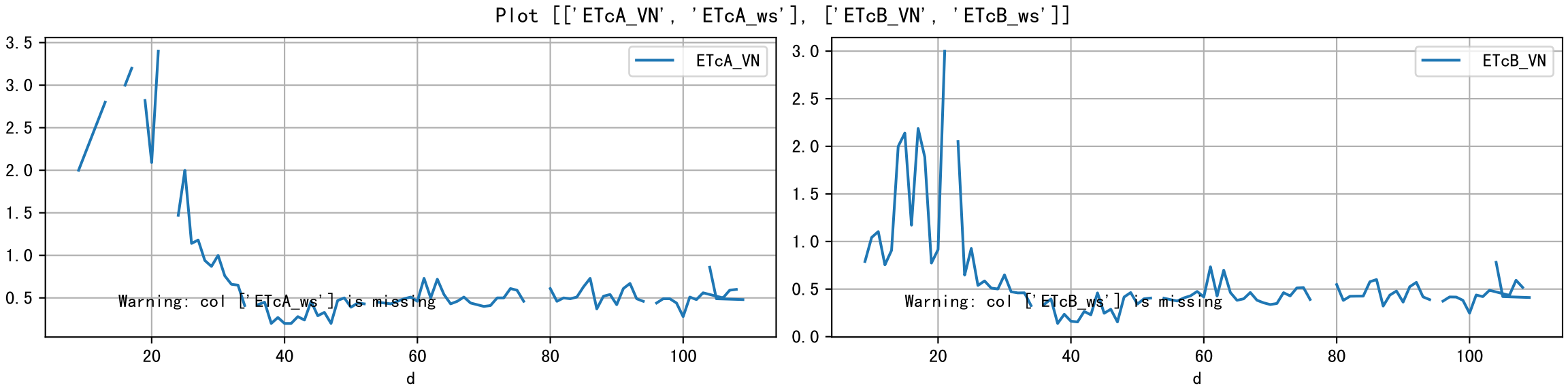


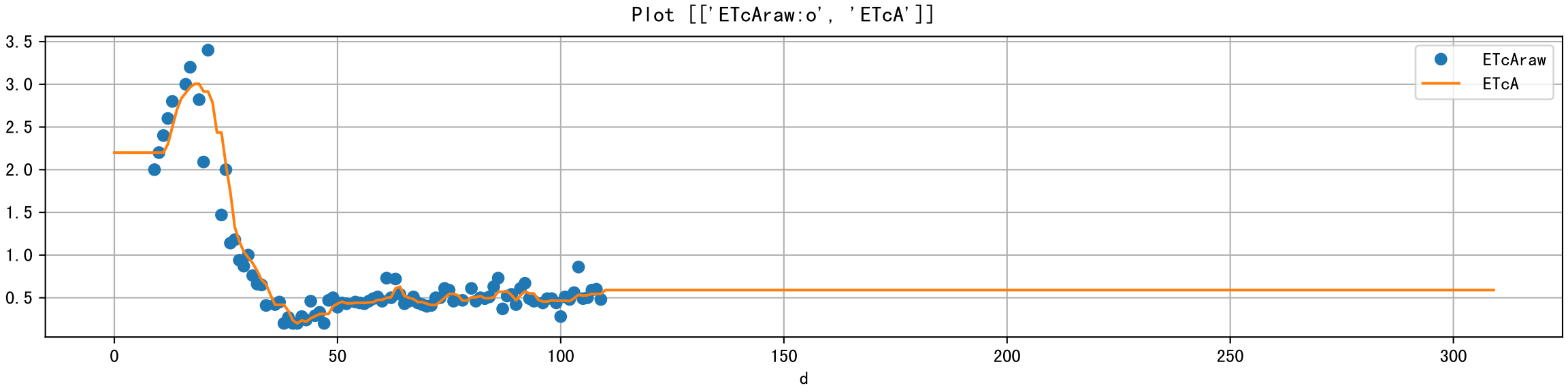


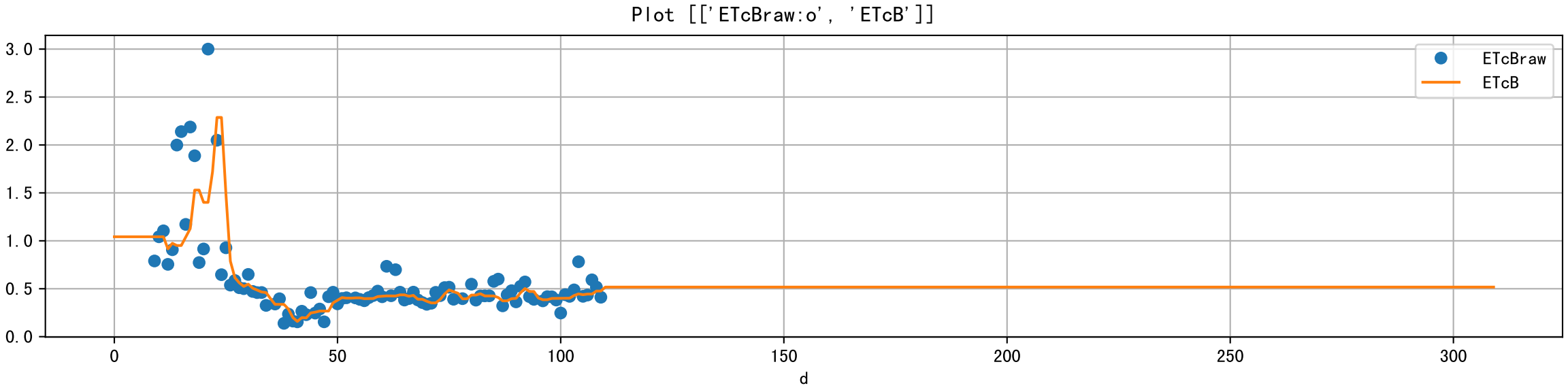




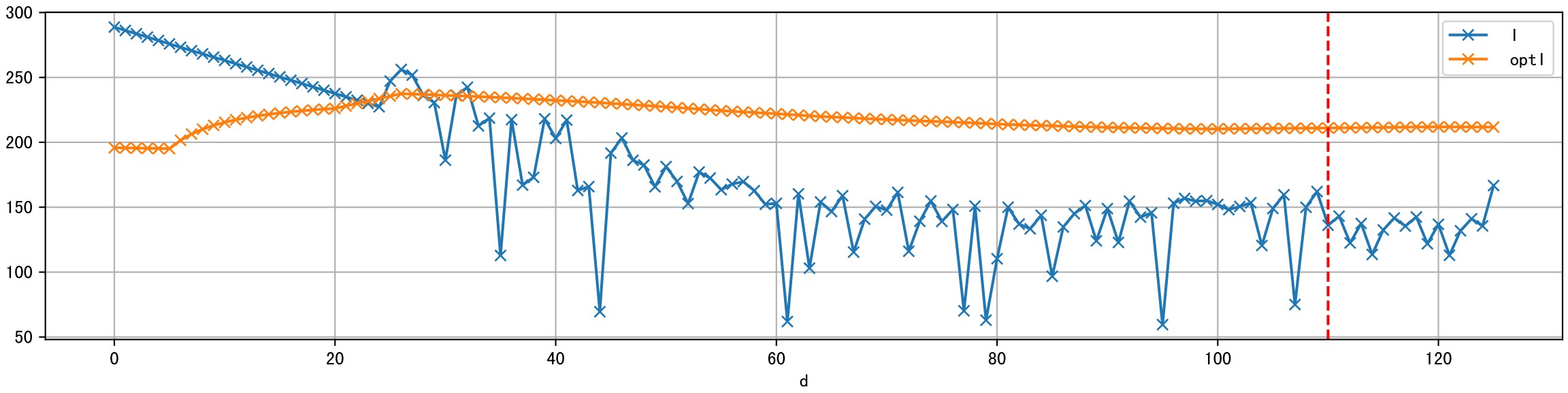


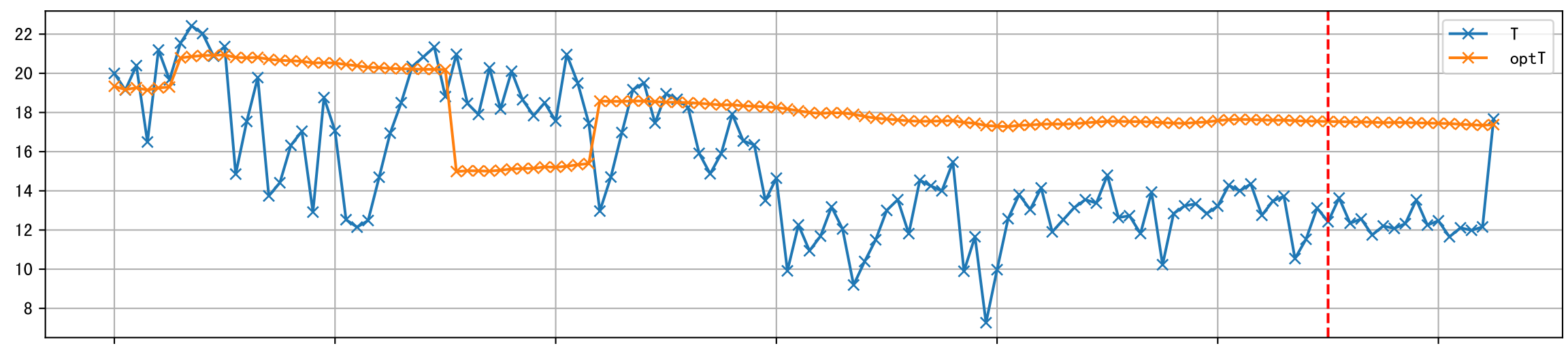

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

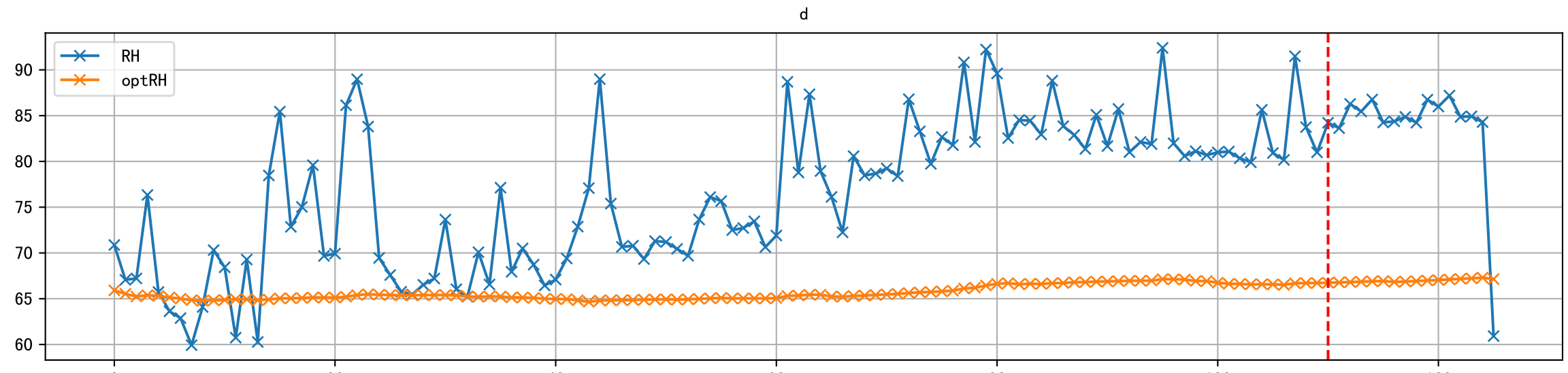

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
50
100
150
200
250
300
d

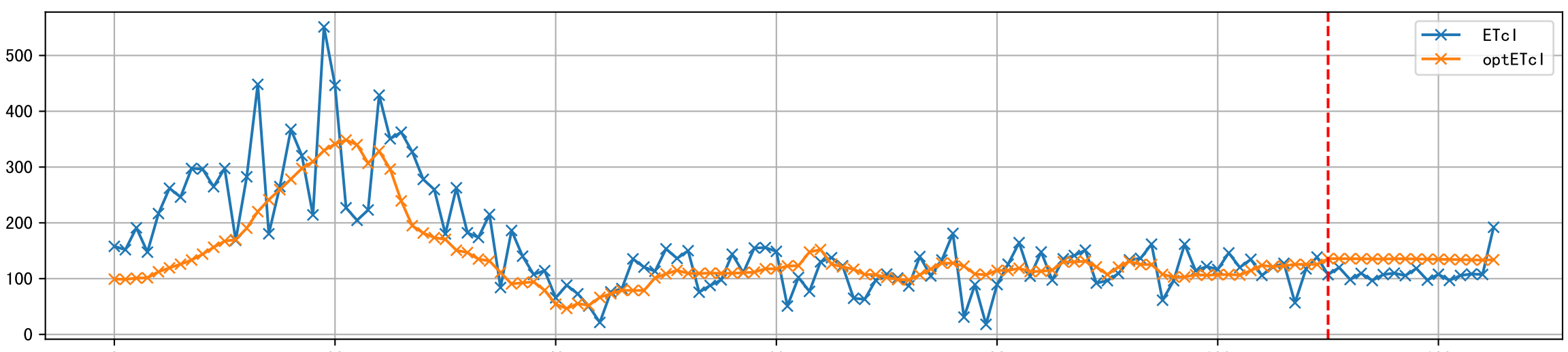

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
d

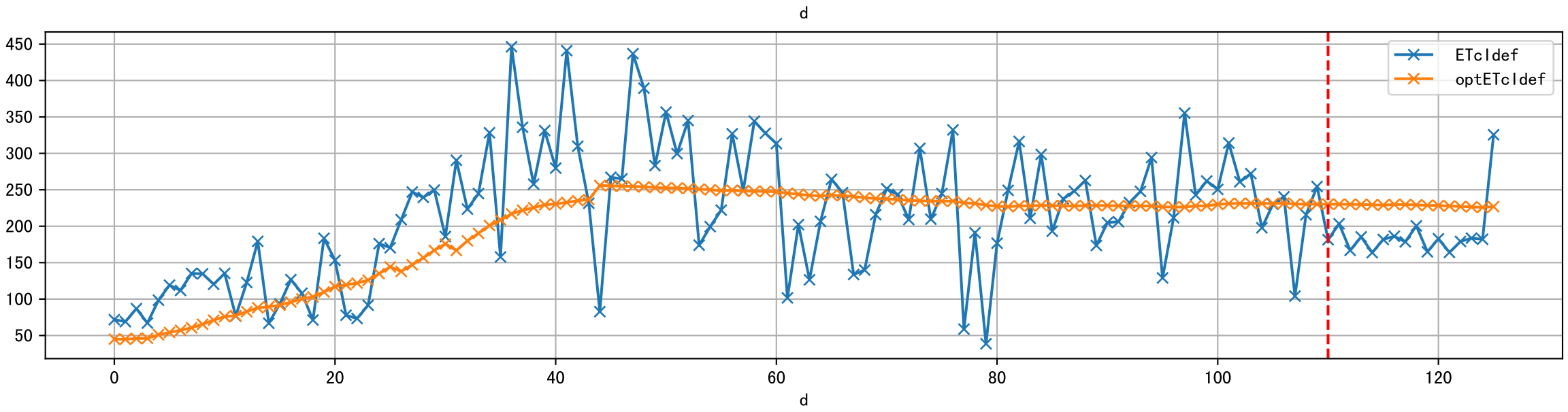
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

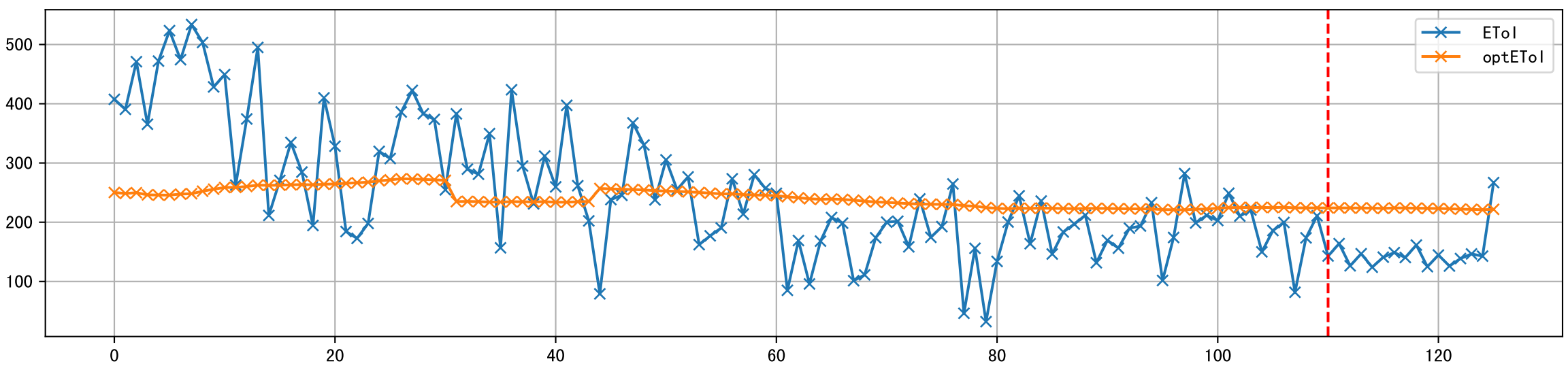


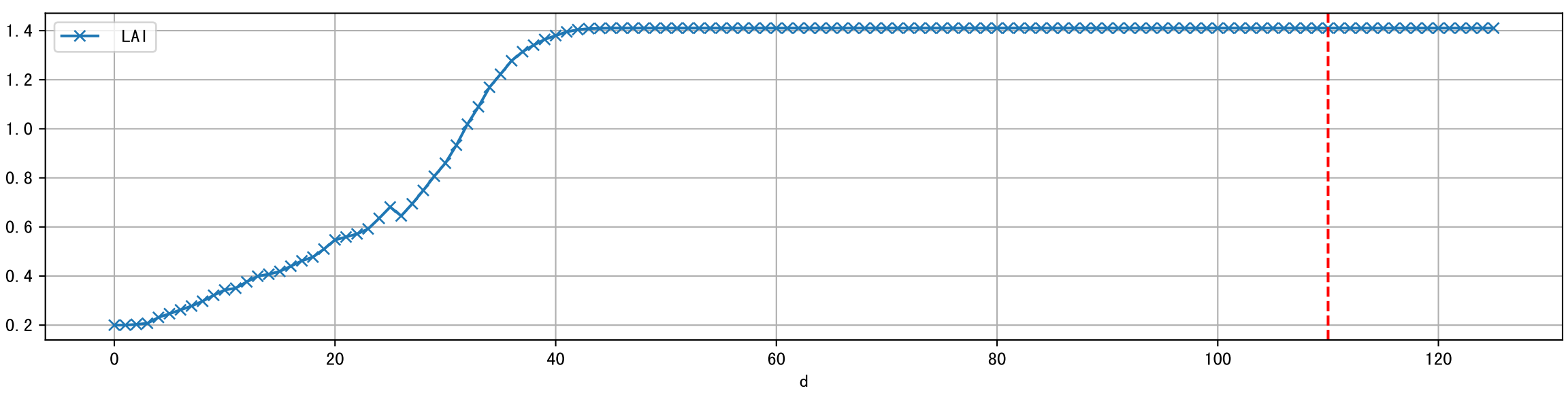


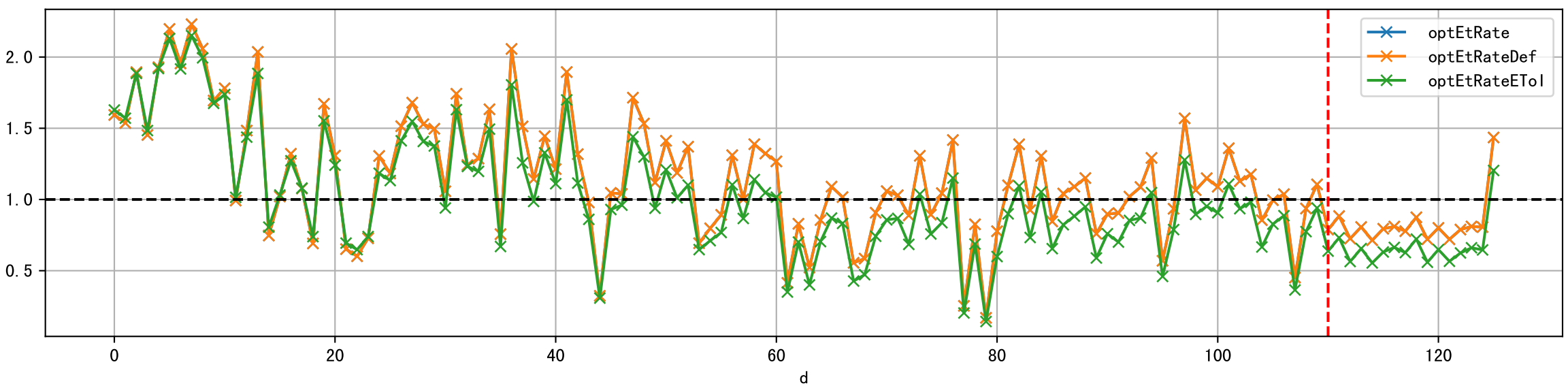




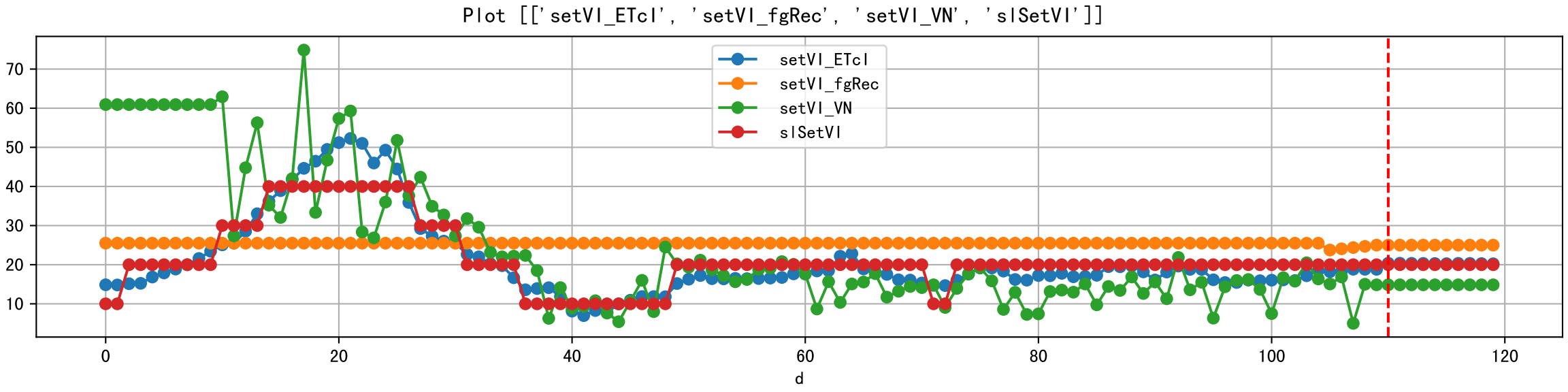


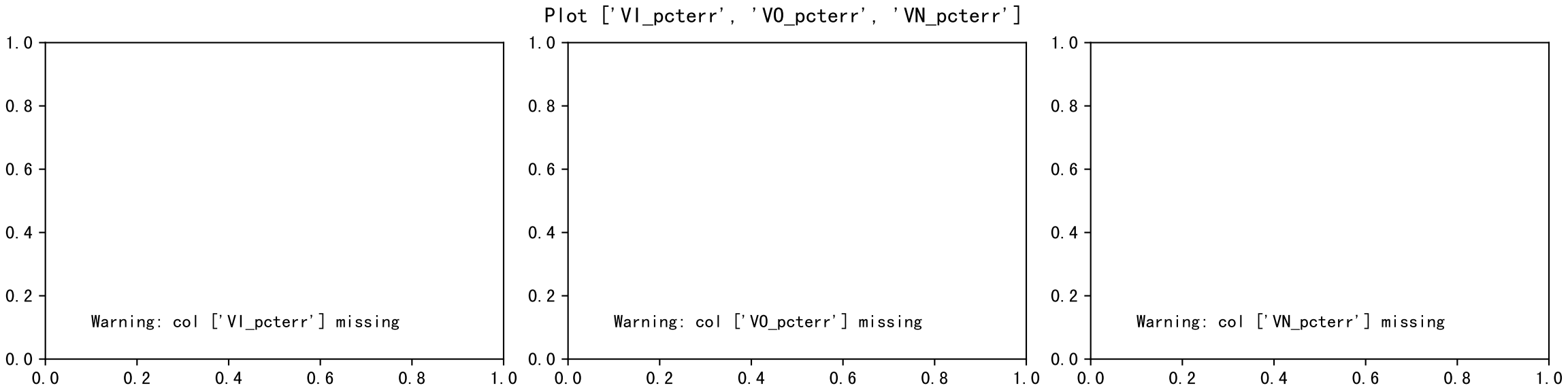


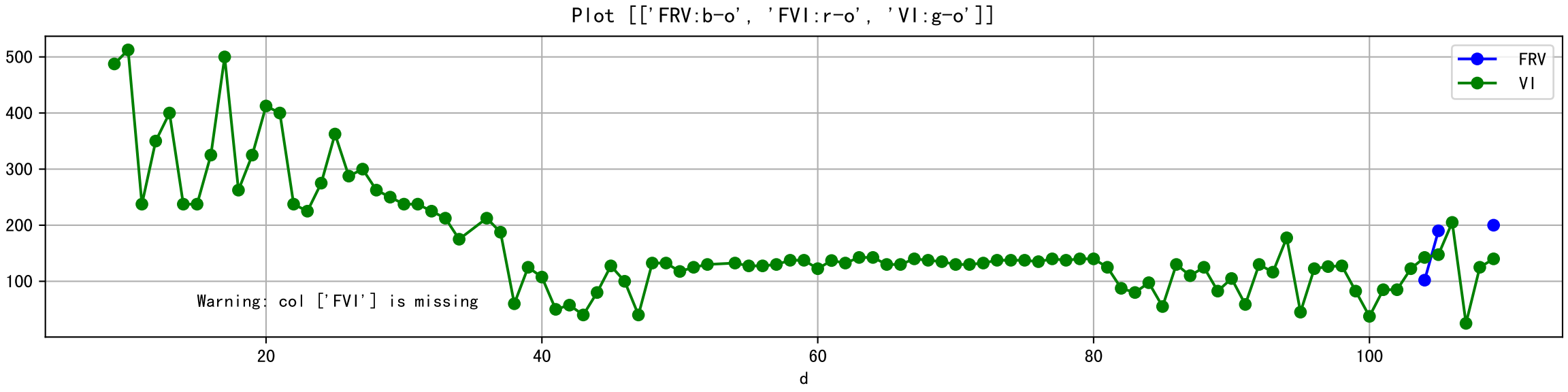


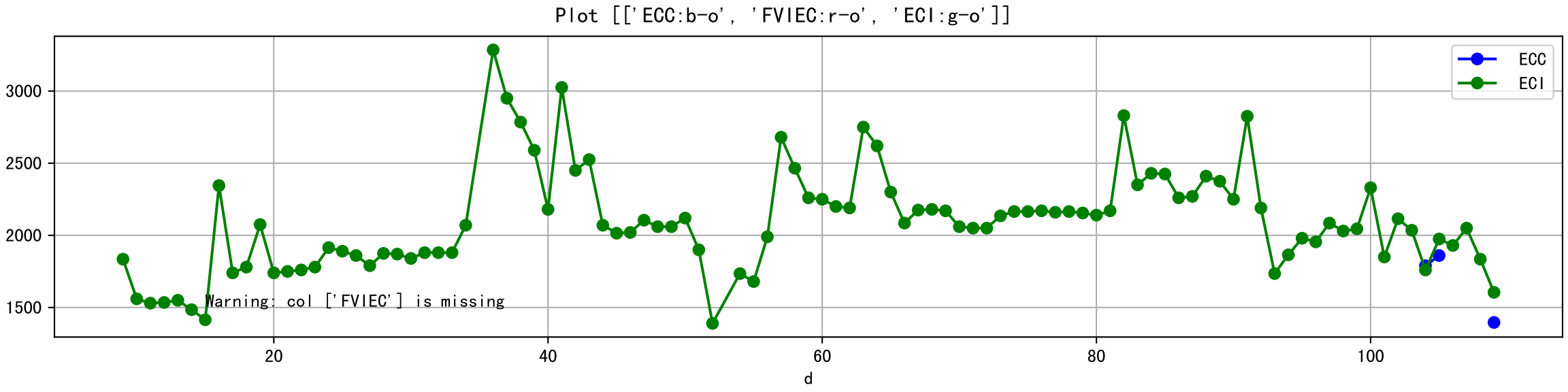


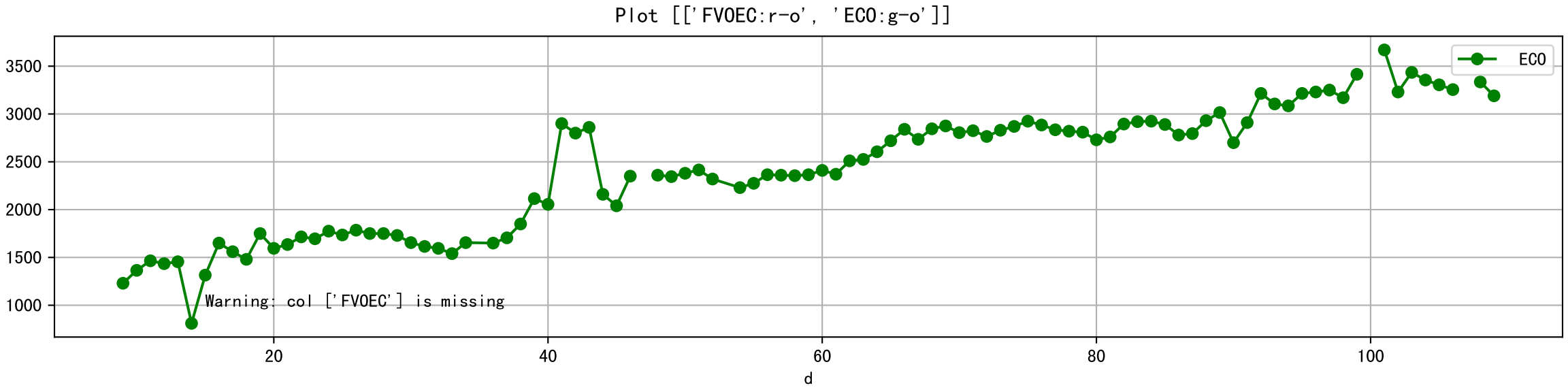

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

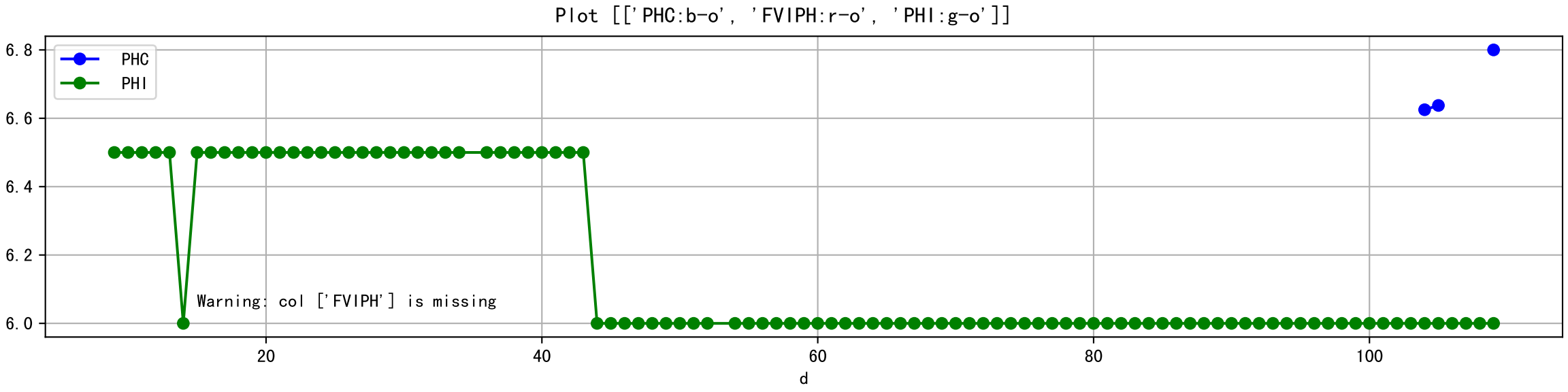

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
70
60
50
40
30
20
10
0
20
40
60
80
100
120
d

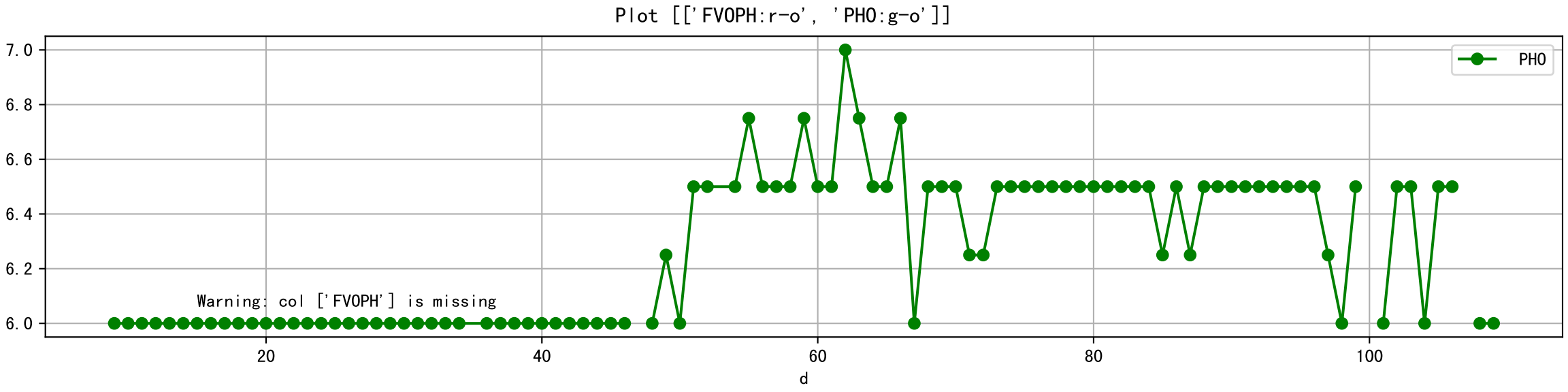

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

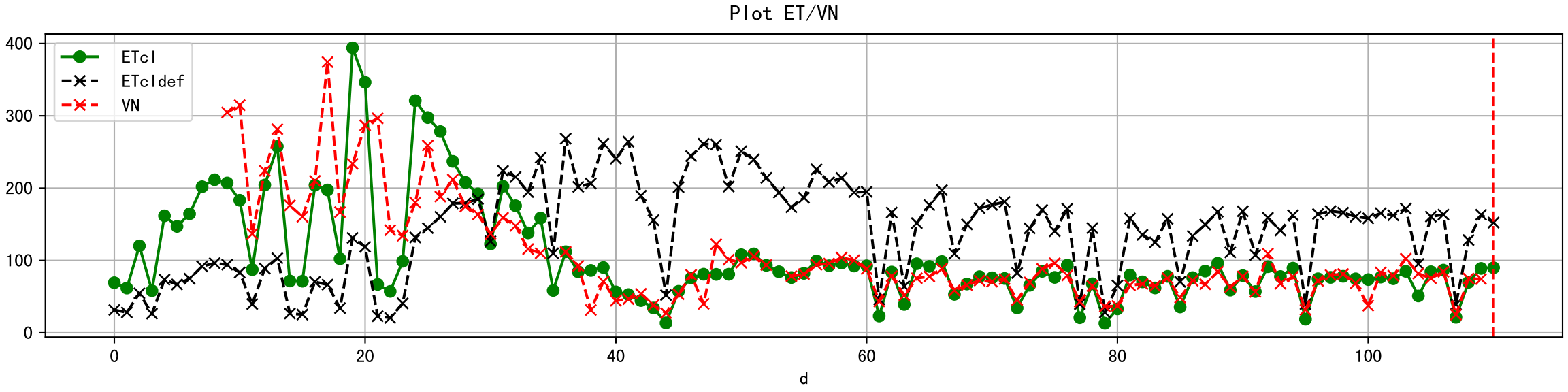

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
20
40
60
80
100
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
20
40
60
80
100
d

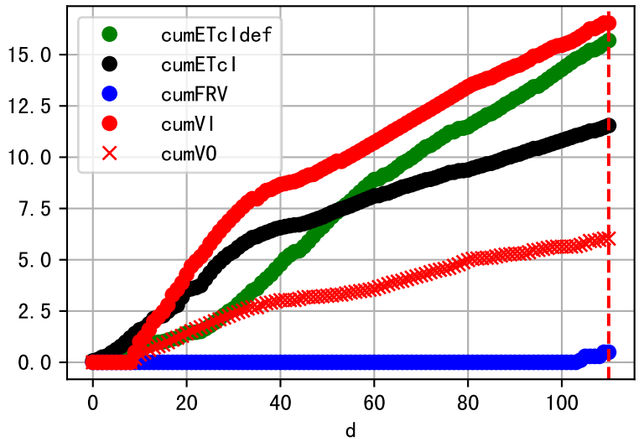

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
20
40
60
80
100
d

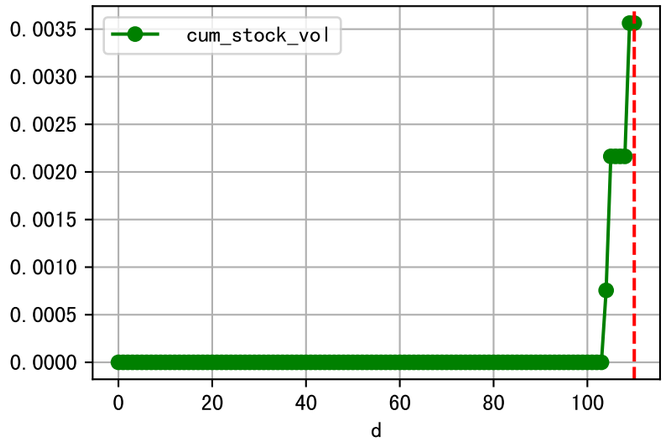

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
d

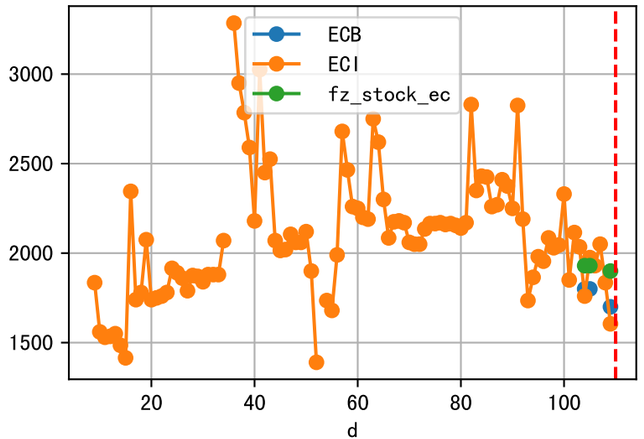

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
d

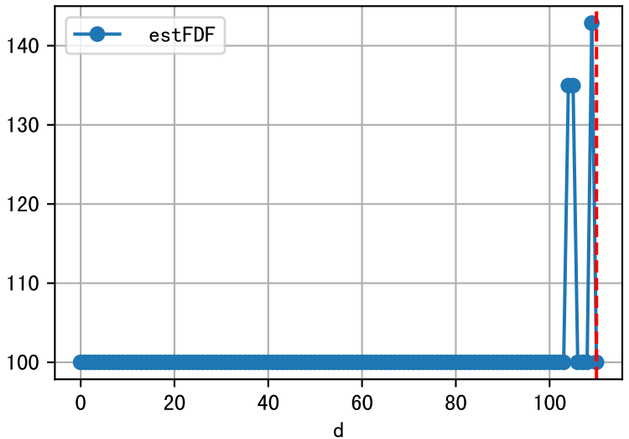

Plot ET/VN
ETcl
ETcldef
VN
400
300
200
100
0
0
20
40
60
80
100
d

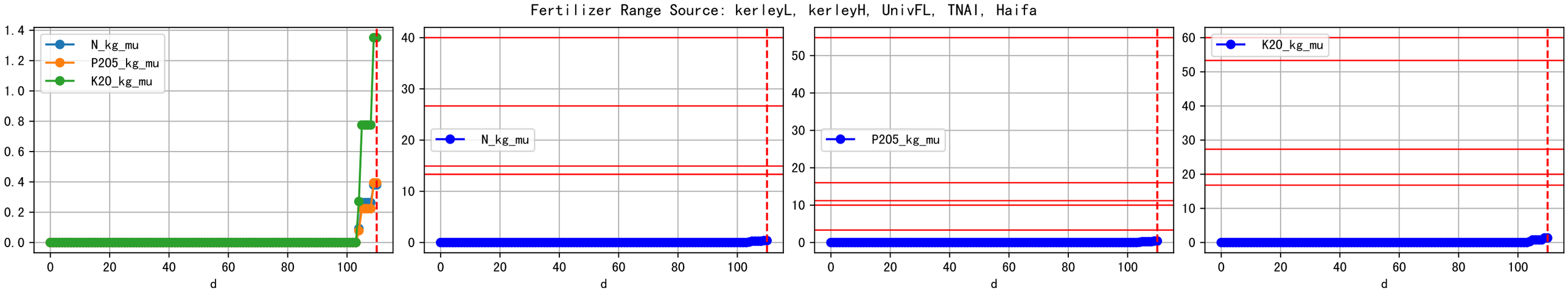
Plot Fv and fertilizer usage

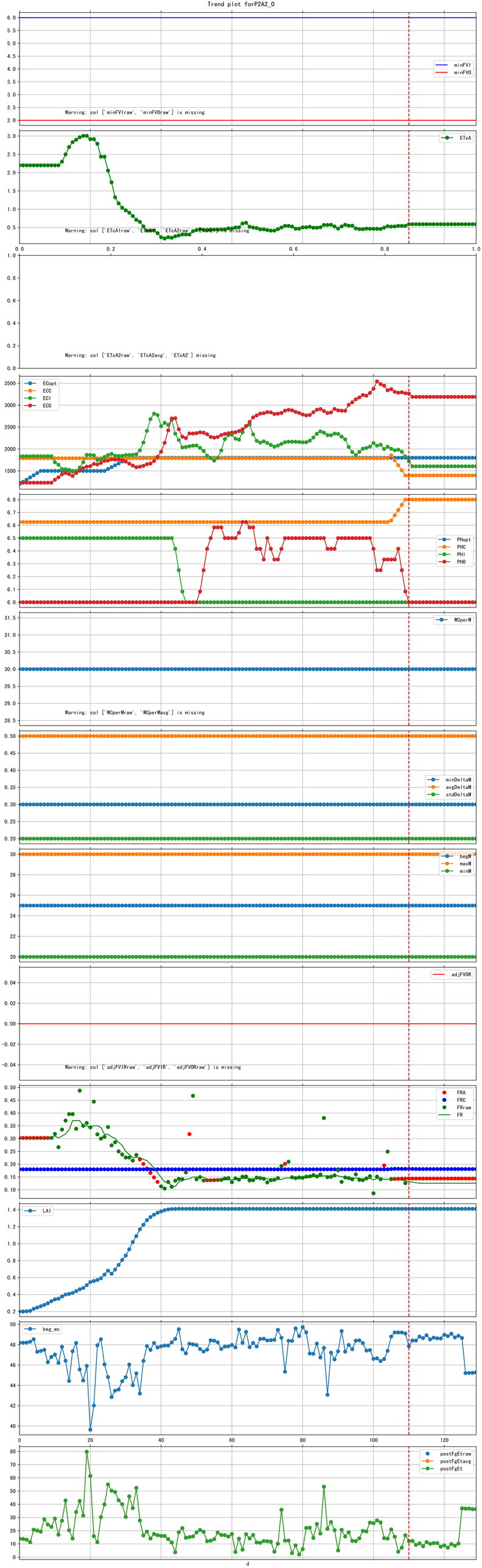


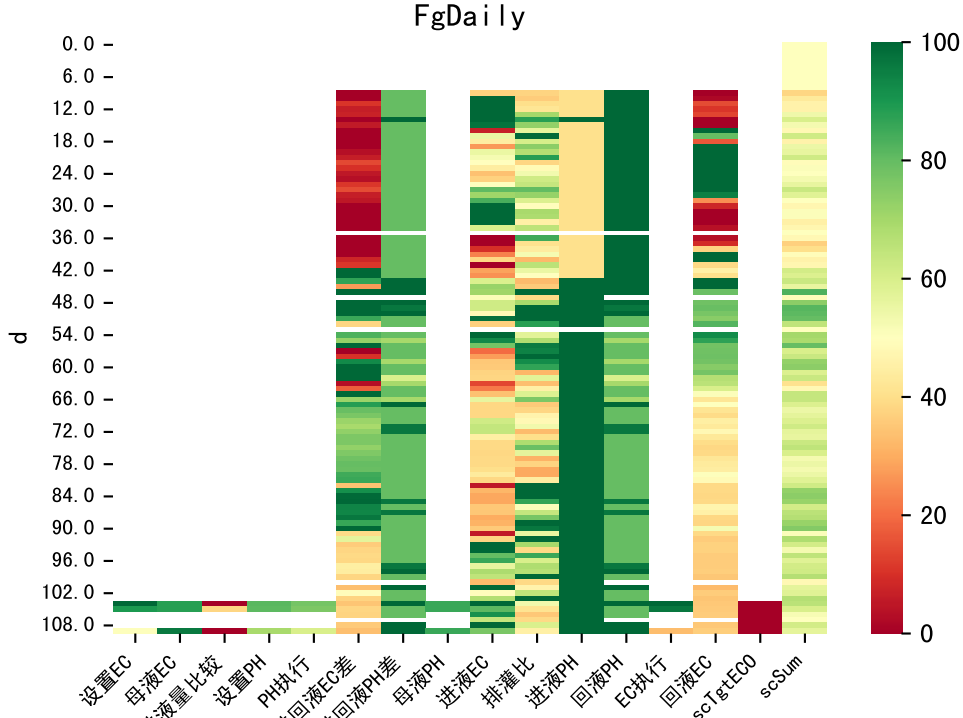




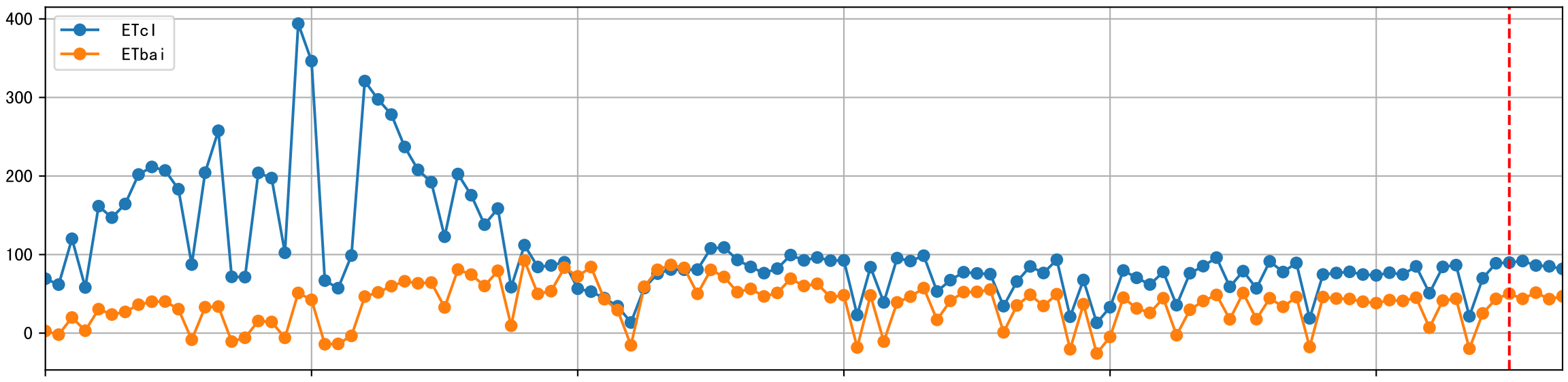


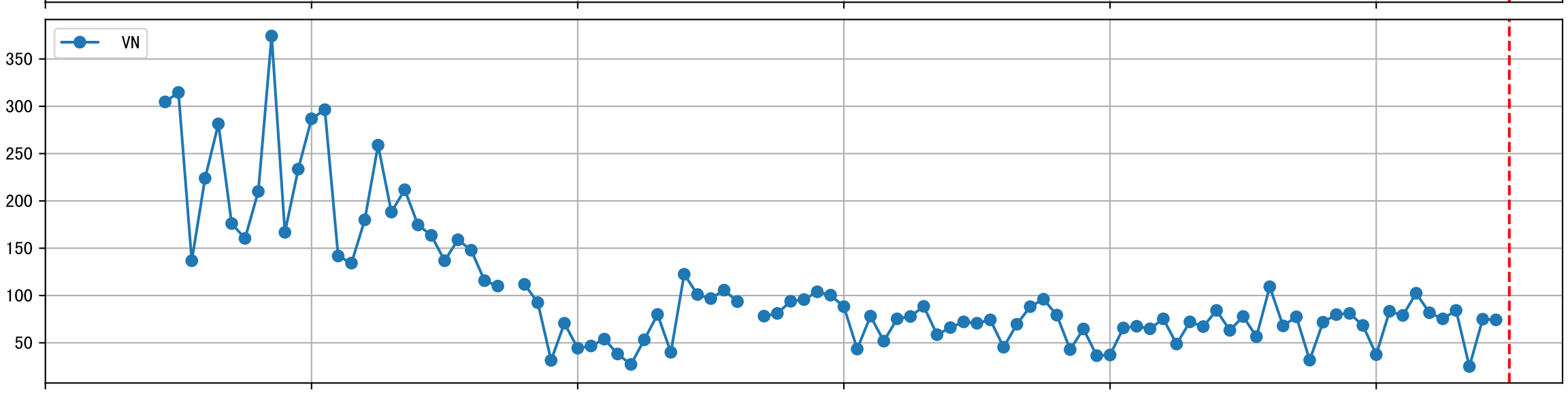

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

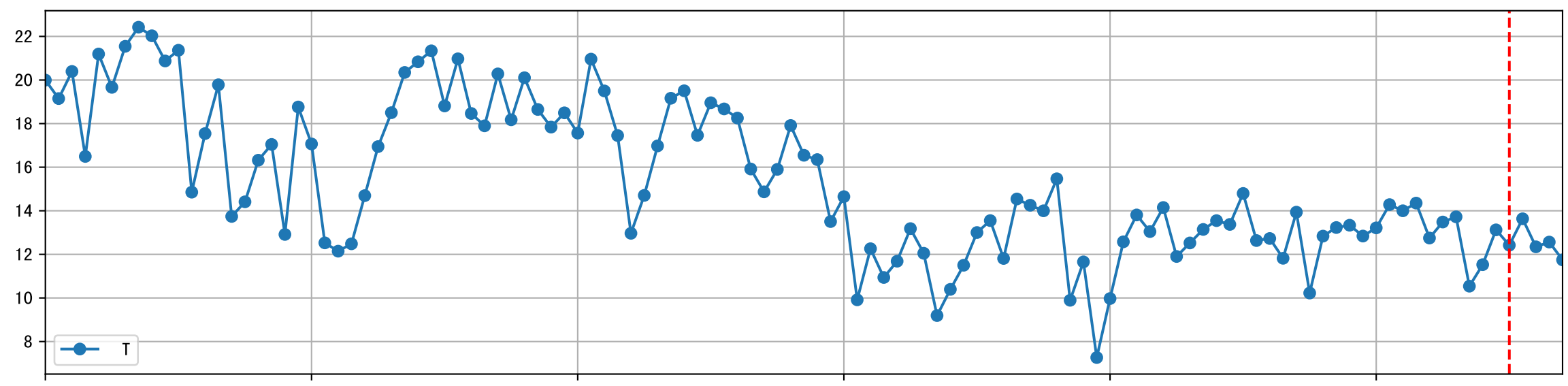

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1avg', 'ETcA1', 'ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECO
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

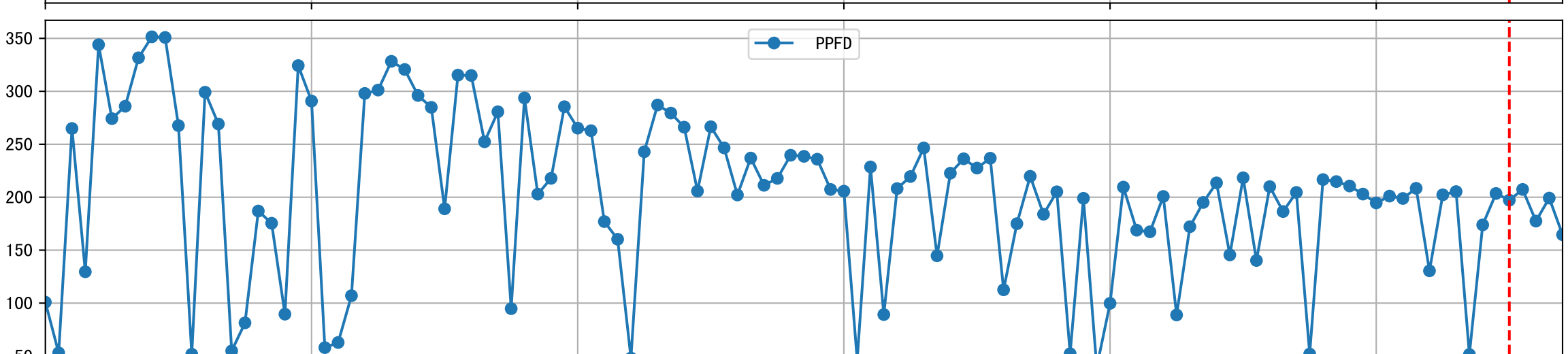

FgDaily
d
0.0
6.0
12.0
18.0
24.0
30.0
36.0
42.0
48.0
54.0
60.0
66.0
72.0
78.0
84.0
90.0
96.0
102.0
108.0
100
80
60
40
20
0
设置EC
母液EC
液量比较
设置PH
PH执行
回液EC差
回液PH差
母液PH
进液EC
排灌比
进液PH
回液PH
EC执行
回液EC
scTgtEC0
scSum

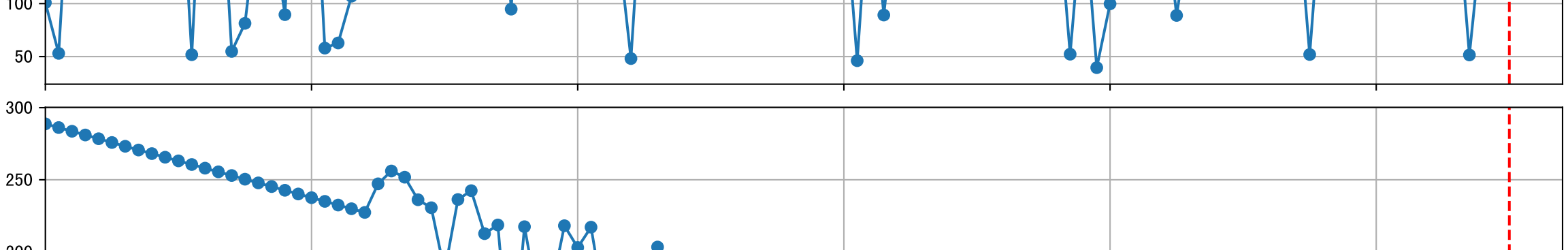
P2A2_0

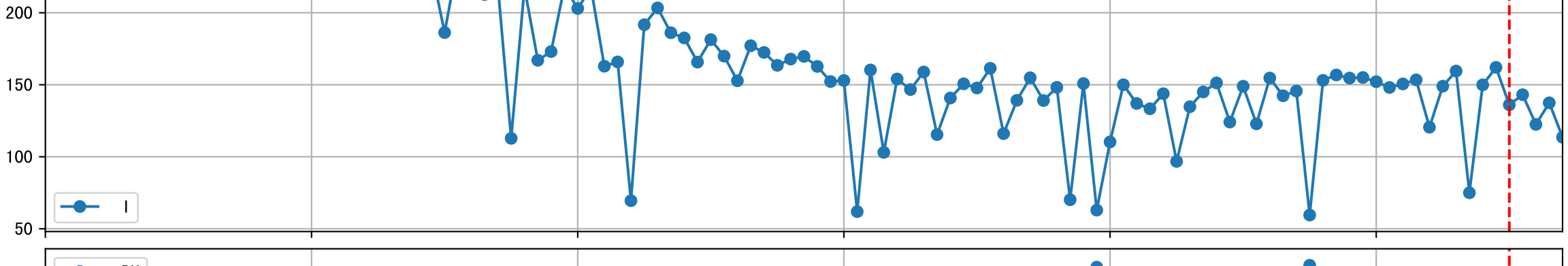

ETcl
ETbai
400
300
200
100
0

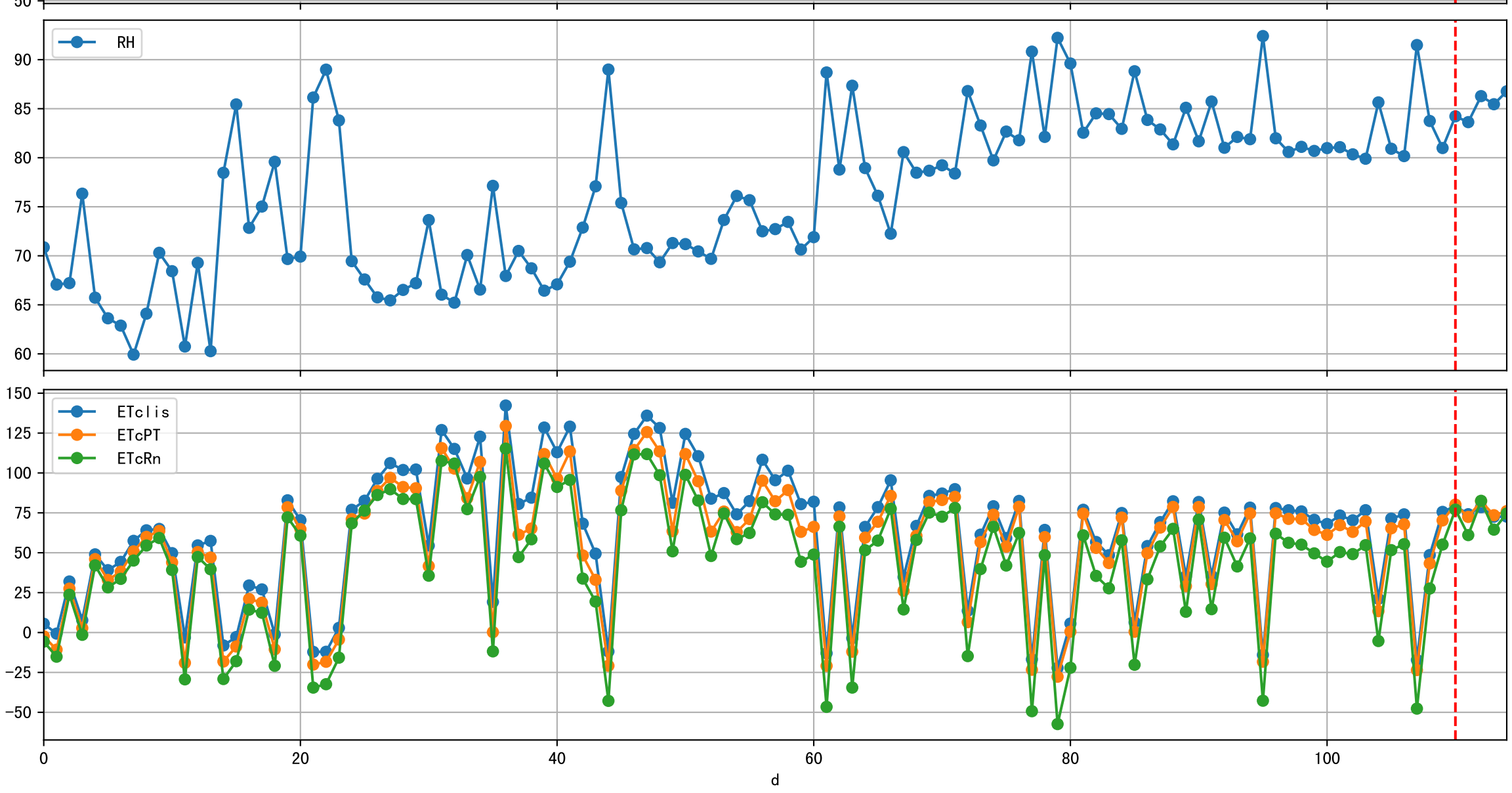

VN
350
300
250
200
150
100
50

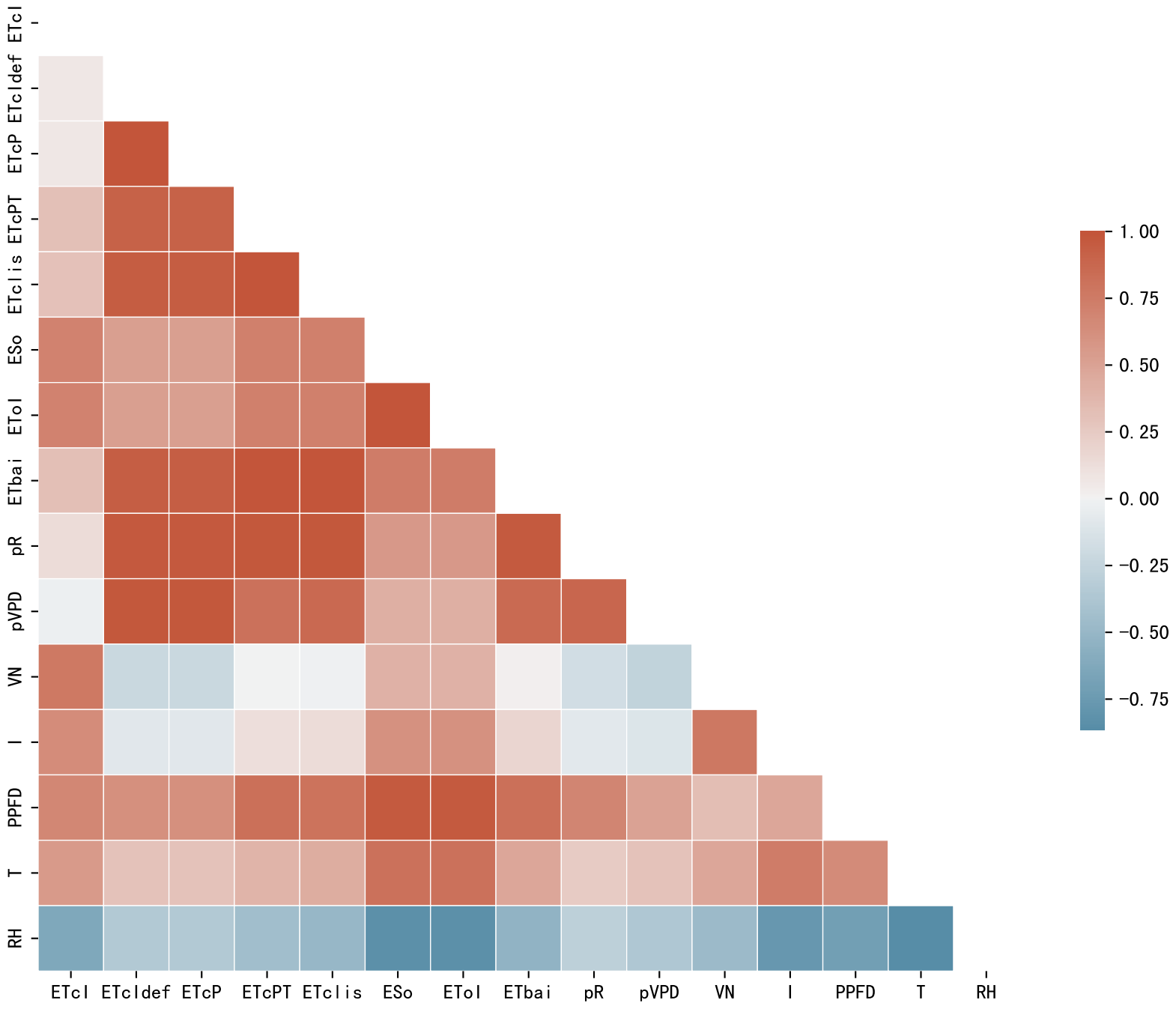

T
22
20
18
16
14
12
10
8

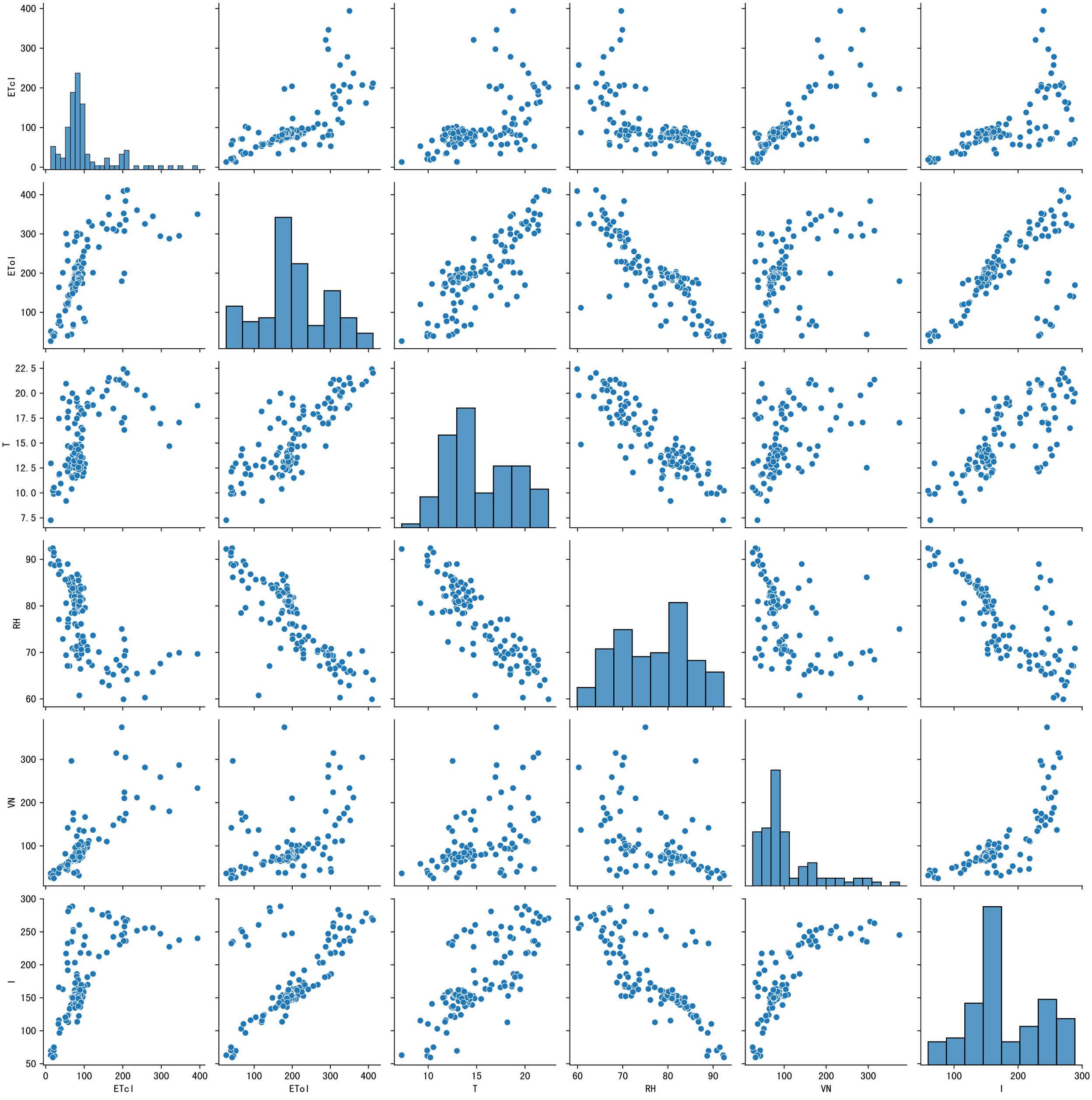

PPFD
350
300
250
200
150
100
50

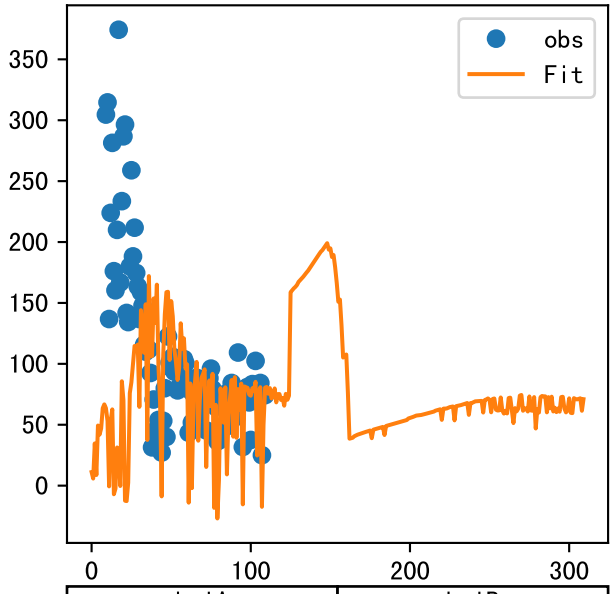

I
300
250
200
150
100
50

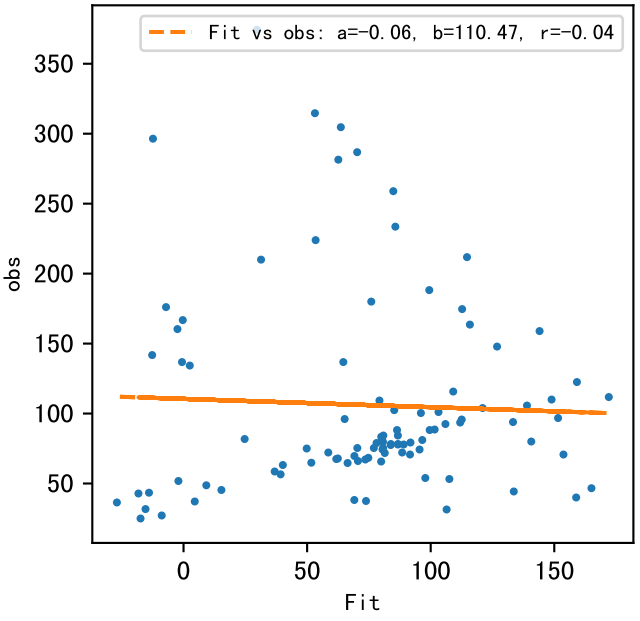

RH
90
85
80
75
70
65
60


ETclis
ETcPT
ETcRn
150
125
100
75
50
25
0
−25
−50
0
20
40
60
80
100
d

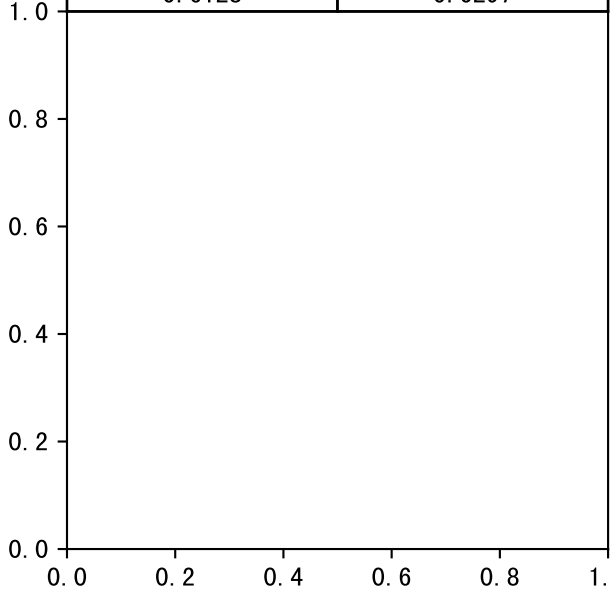

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

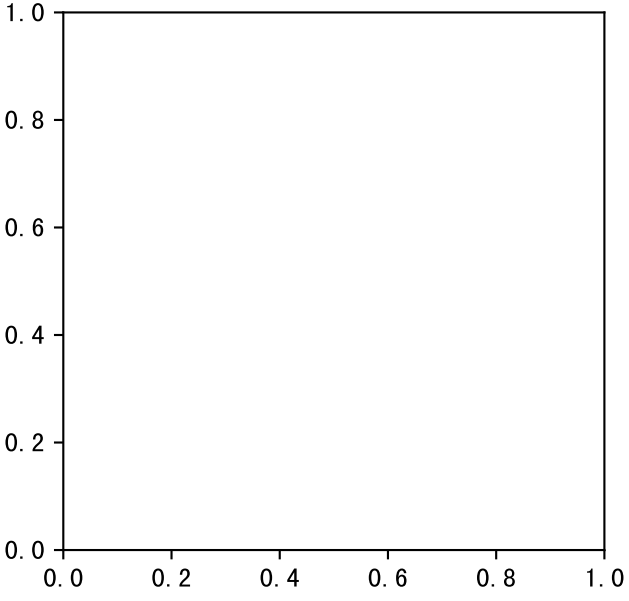

ETcI
ETsI
T
RH
VN
I
400
300
200
100
0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
90
80
70
60
50
250
150
10
15
20

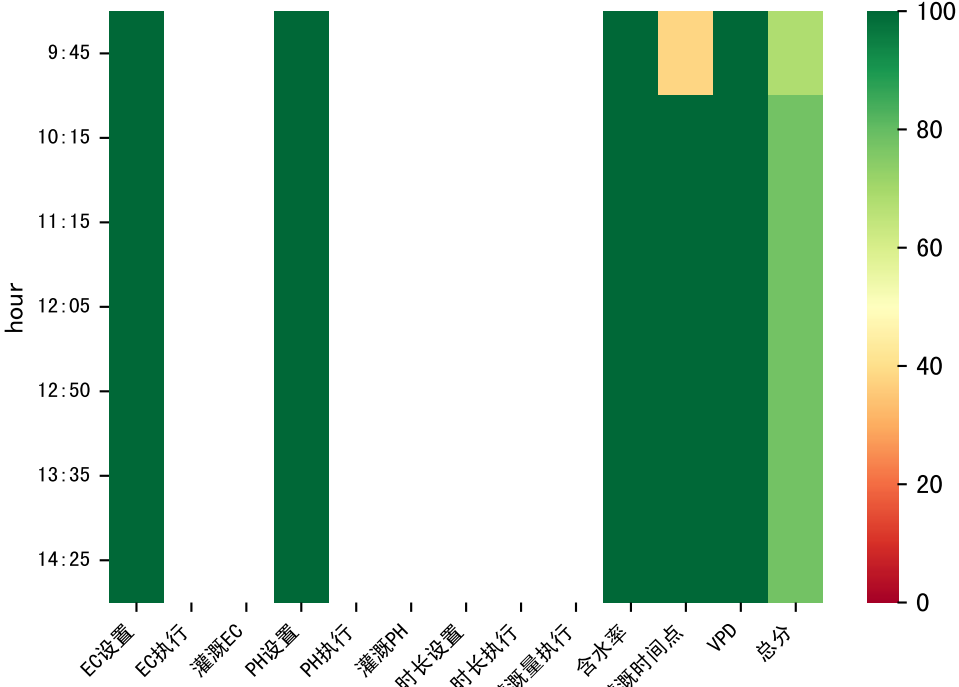




baiA	baiB
0.6128	0.0297

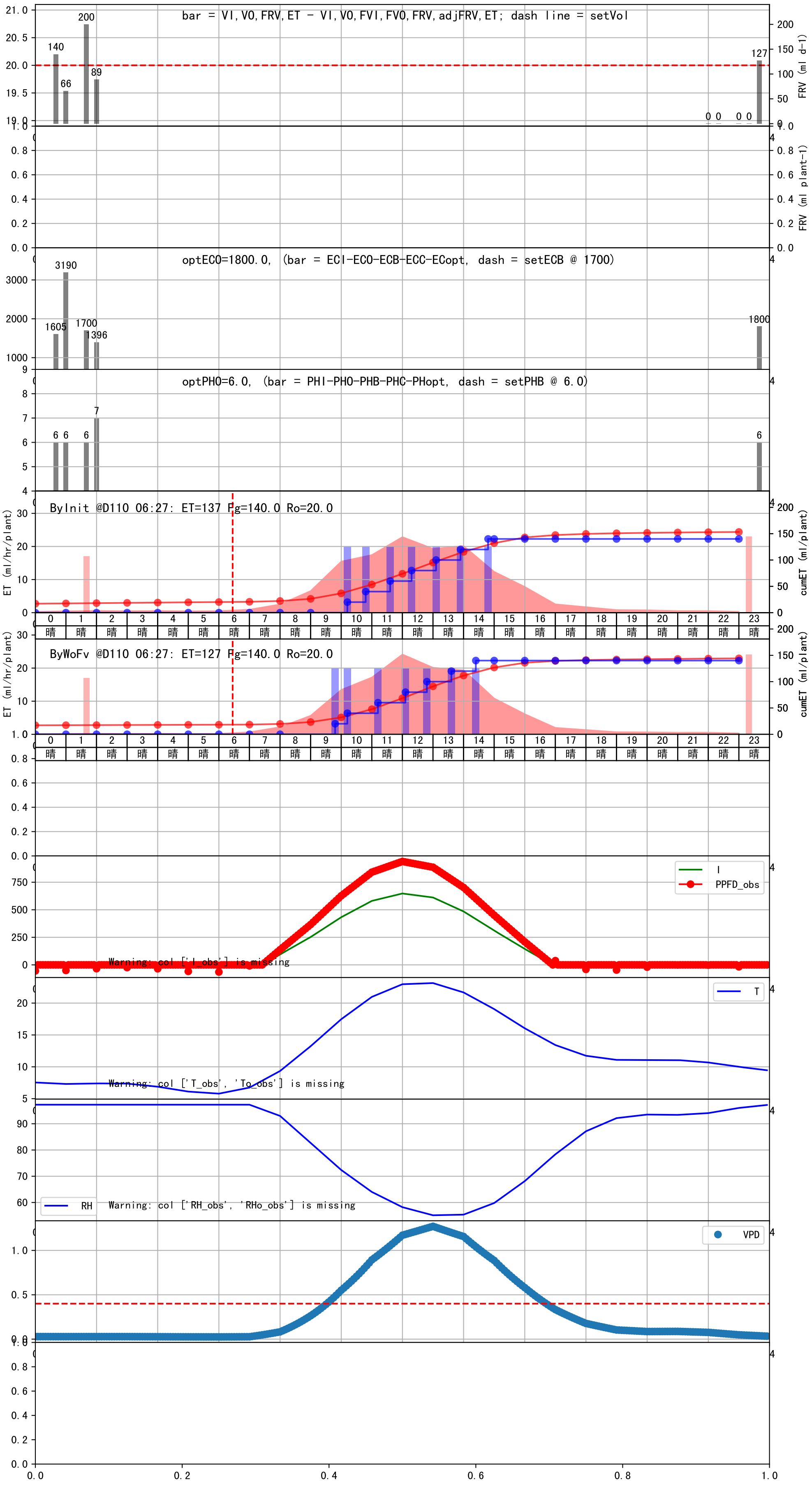


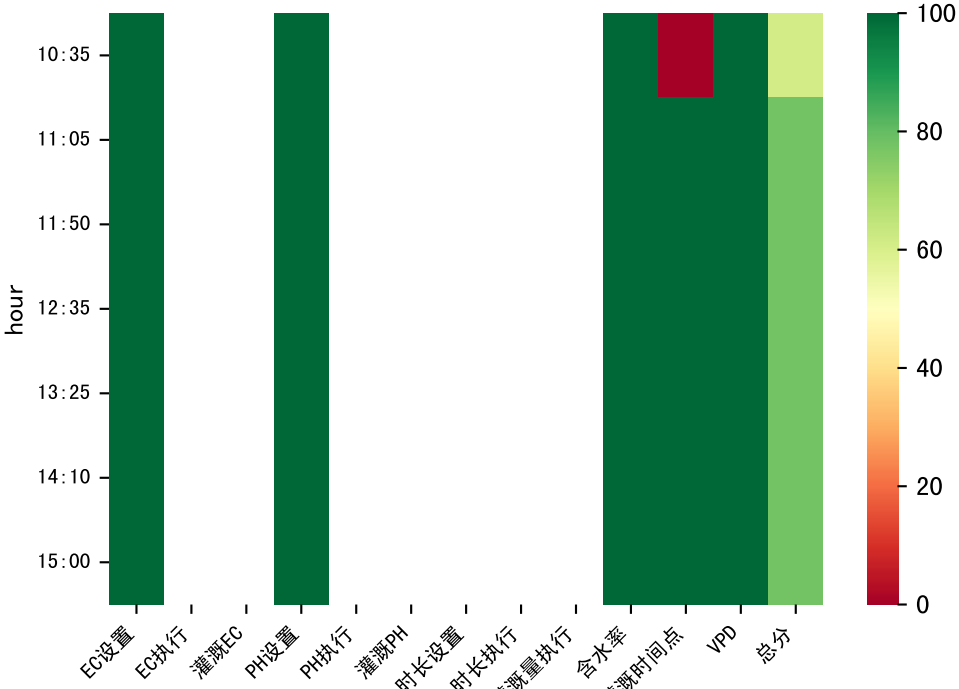



hour
9:45
10:15
11:15
12:05
12:50
13:35
14:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:45	154	20.0	0.441	晴	预期@09:45 自主（未用传感器）
10:15	154	20.0	0.441	晴	预期@10:15 自主（未用传感器）
11:15	154	20.0	0.441	晴	预期@11:15 自主（未用传感器）
12:05	154	20.0	0.441	晴	预期@12:05 自主（未用传感器）
12:50	154	20.0	0.441	晴	预期@12:50 自主（未用传感器）
13:35	154	20.0	0.441	晴	预期@13:35 自主（未用传感器）
14:25	154	20.0	0.441	晴	预期@14:25 自主（未用传感器）
总计	1078.0 (7次)	140.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=110 (2026-01-12)

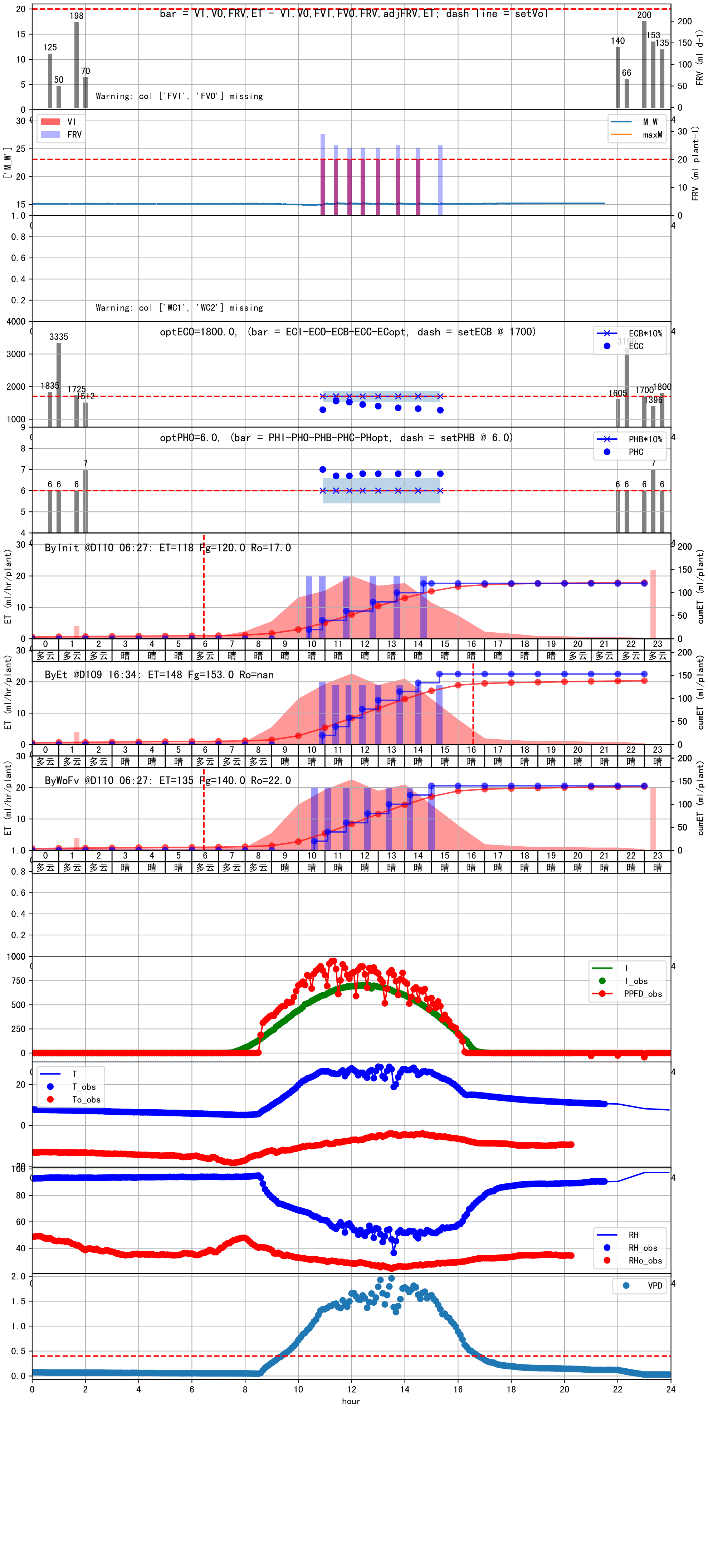


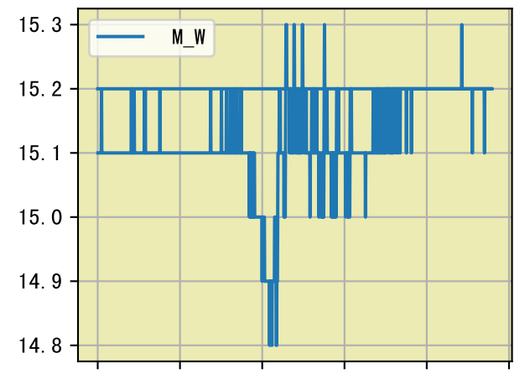

hour
10:35
11:05
11:50
12:35
13:25
14:10
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

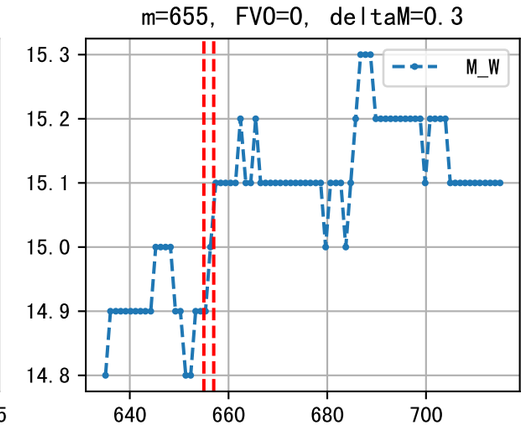
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
10:35	141	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:05	141	20.0	0.441	晴	假设@11:05 自动（未用传感器）
11:50	141	20.0	0.441	晴	假设@11:50 自动（未用传感器）
12:35	141	20.0	0.441	晴	假设@12:35 自动（未用传感器）
13:25	141	20.0	0.441	晴	假设@13:25 自动（未用传感器）
14:10	141	20.0	0.441	晴	假设@14:10 自动（未用传感器）
15:00	141	20.0	0.441	晴	假设@15:00 自动（未用传感器）
总计	987.0 (7次)	140.0			建议进液EC：1700， PH：6.0

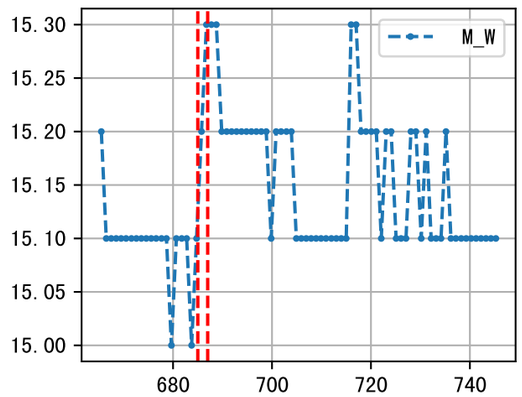
滴头平均流速偏小（0.18），请检查
施肥机灌溉量与预期值不符 (25.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

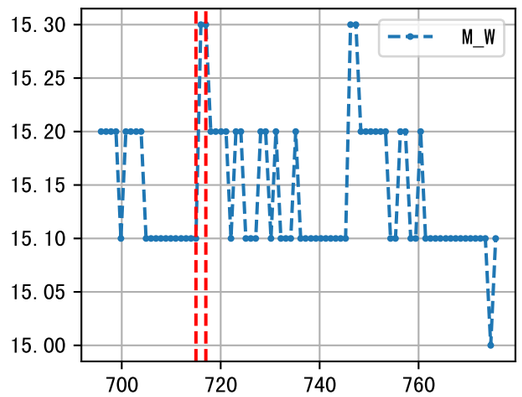
P2A2_0, Day=109 (2026-01-11)

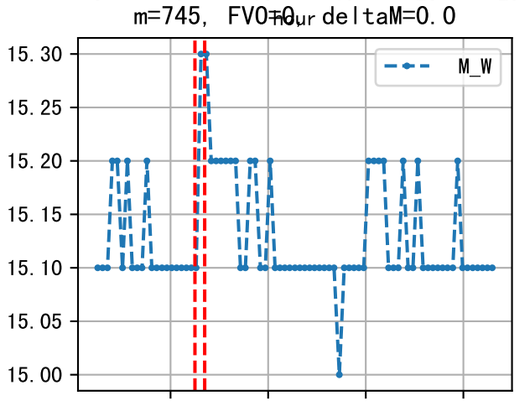


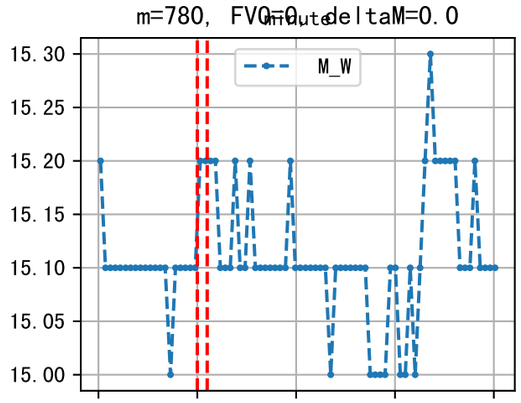

M_W
15.3
15.2
15.1
15.0
14.9
14.8
0
5
10
15
20
25

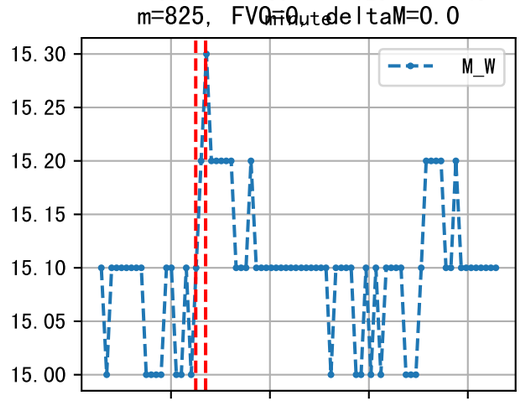

m=655, FVO=0, deltaM=0.3
M_W
15.3
15.2
15.1
15.0
14.9
14.8
640
660
680
700

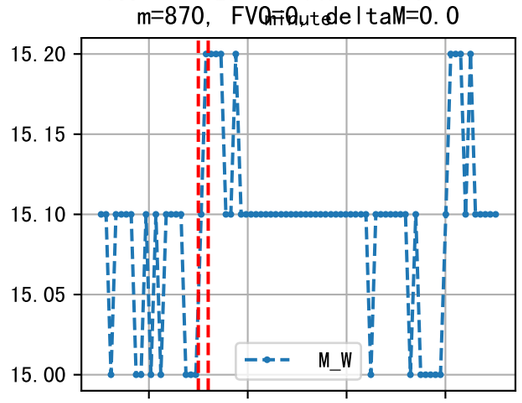

m=685, FVO=0, deltaM=0.0
M_W
15.30
15.25
15.20
15.15
15.10
15.05
15.00
680
700
720
740

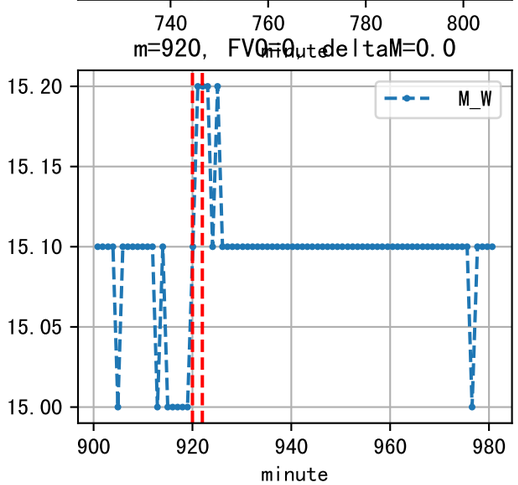

m=715, FVO=0, deltaM=0.0
M_W
15.30
15.25
15.20
15.15
15.10
15.05
15.00
700
720
740
760

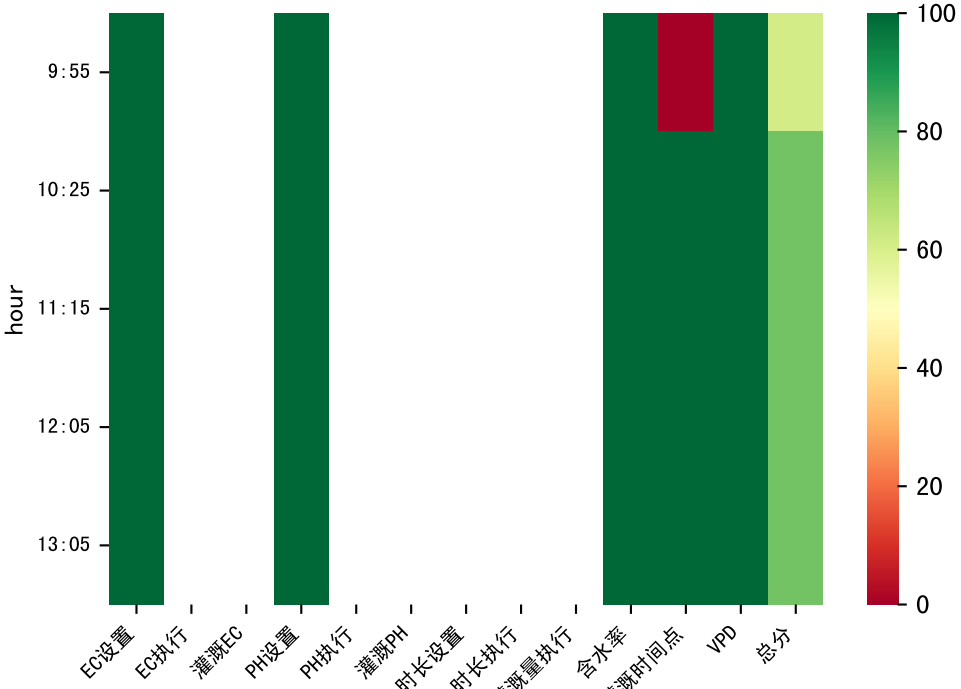

m=745, FVO=0, deltaM=0.0
M_W
15.30
15.25
15.20
15.15
15.10
15.05
15.00
740
760
780
800


m=780, FVO=0, deltaM=0.0
M_W
15.30
15.25
15.20
15.15
15.10
15.05
15.00
760
780
800
820
840
minute


m=825, FVO=0, deltaM=0.0
M_W
15.30
15.25
15.20
15.15
15.10
15.05
15.00
820
840
860
880
minute

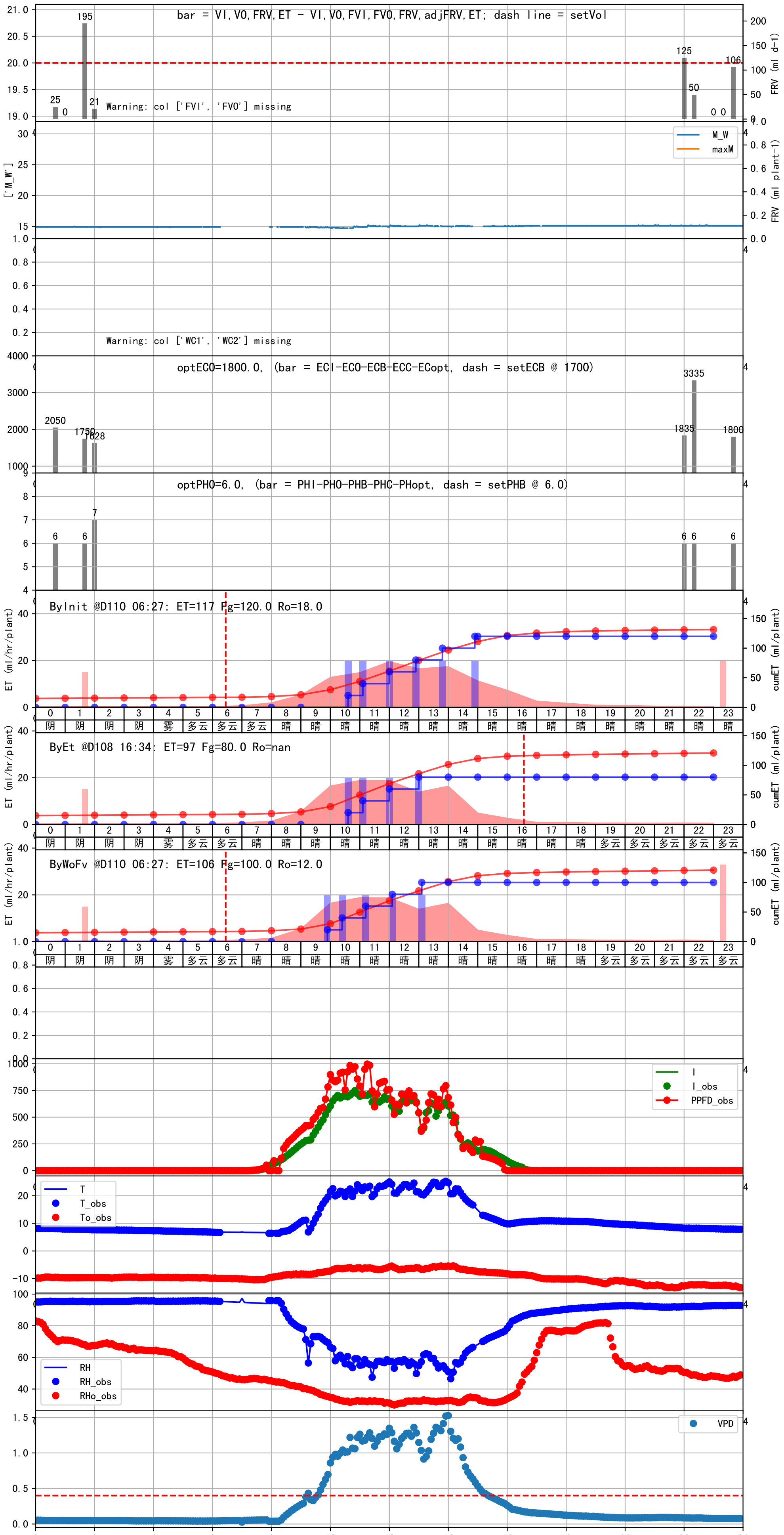

m=870, FVO=0, deltaM=0.0
M_W
15.20
15.15
15.10
15.05
15.00
860
880
900
920
minute

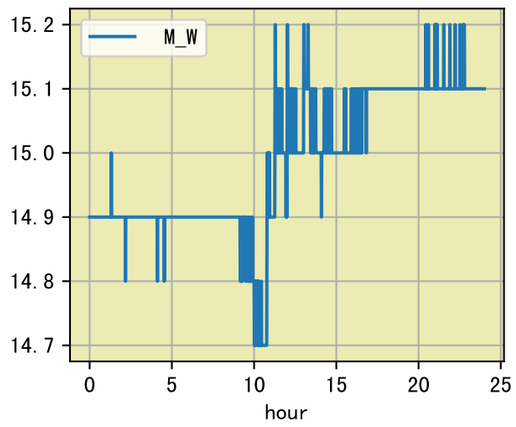

m=920, FVO=0, deltaM=0.0
M_W
15.20
15.15
15.10
15.05
15.00
900
920
940
960
980
minute

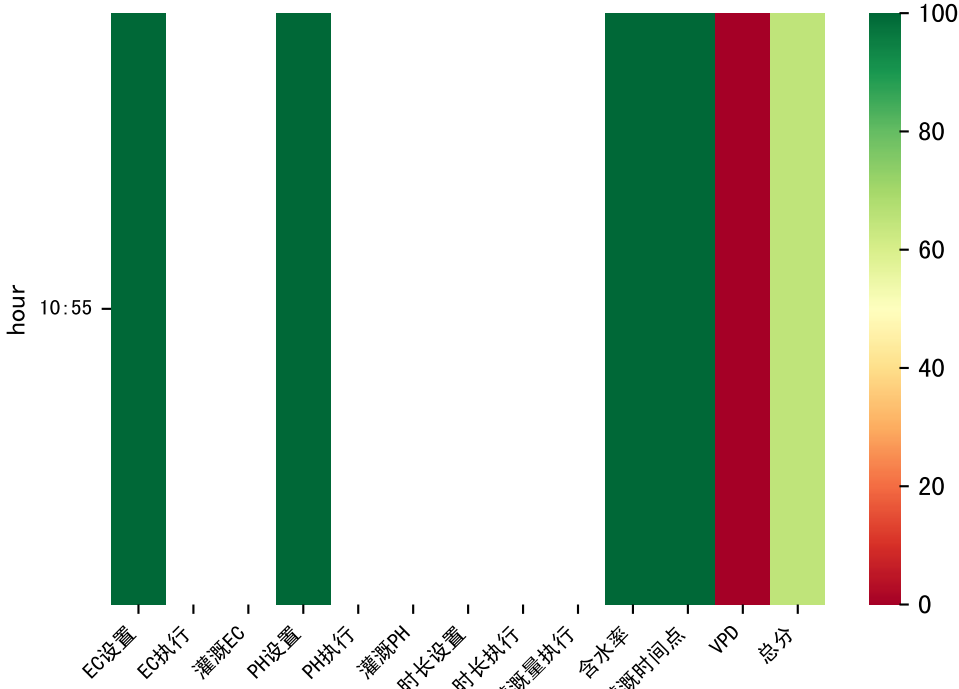

hour
9:55
10:25
11:15
12:05
13:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:55	143	20.0	0.441	晴	假设@09:55 未知程序（未用传感器）
10:25	143	20.0	0.441	晴	假设@10:25 未知程序（未用传感器）
11:15	143	20.0	0.441	晴	假设@11:15 未知程序（未用传感器）
12:05	143	20.0	0.441	晴	假设@12:05 未知程序（未用传感器）
13:05	143	20.0	0.441	晴	假设@13:05 未知程序（未用传感器）
总计	715.0 (5次)	100.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=108 (2026-01-10)

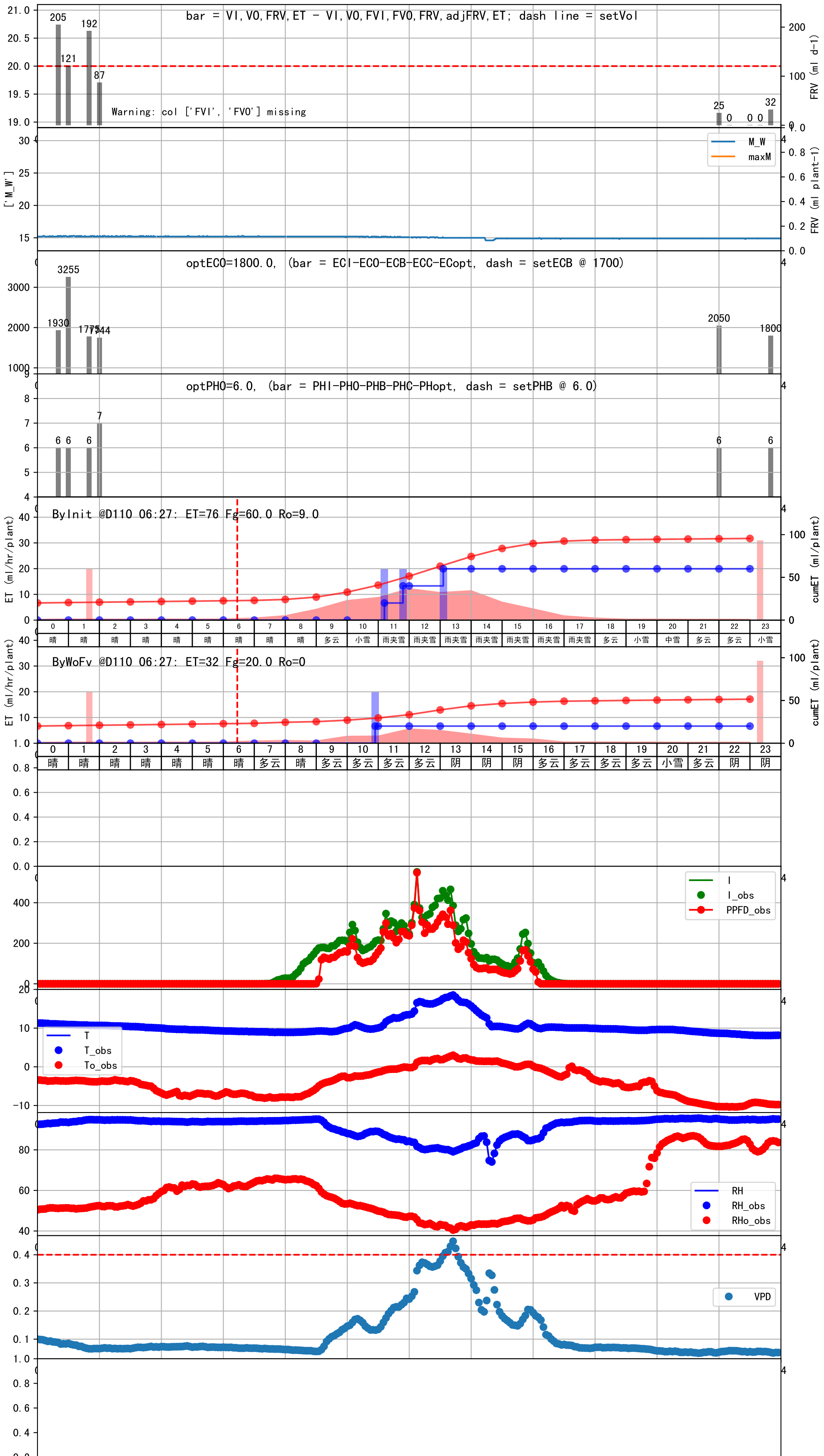


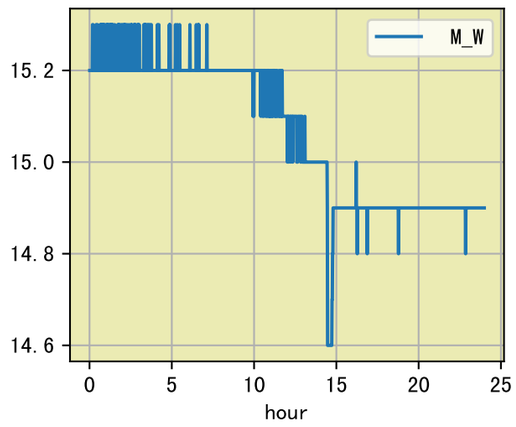

M_W
15.2
15.1
15.0
14.9
14.8
14.7
0
5
10
15
20
25
hour

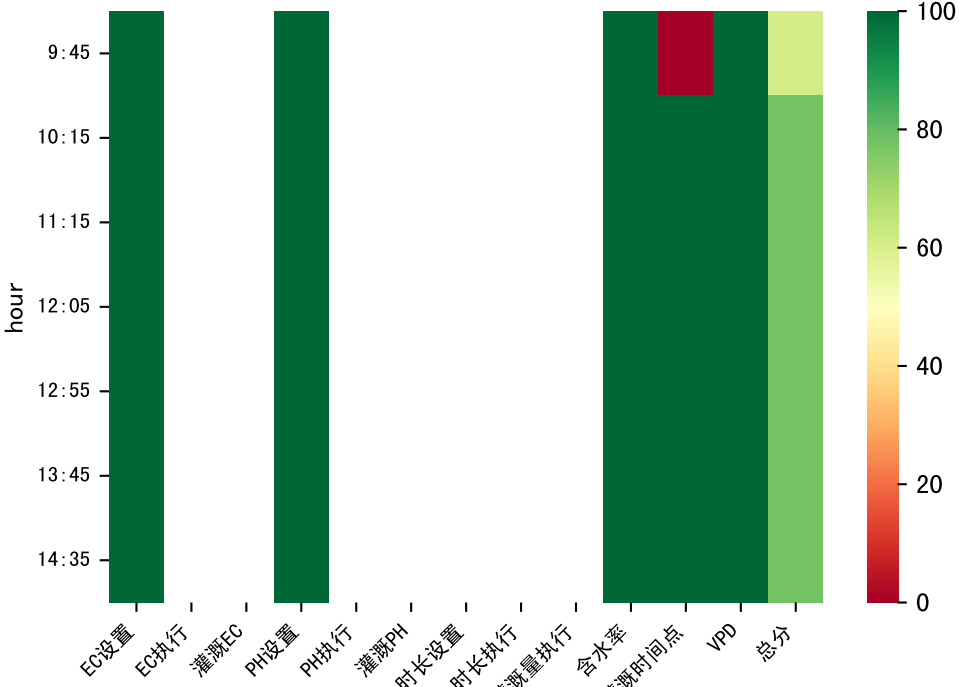

hour
10:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
10:55	143	20.0	0.441	多云	假设@10:55 未知程序（未用传感器）
总计	143.0 (1次)	20.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=107 (2026-01-09)

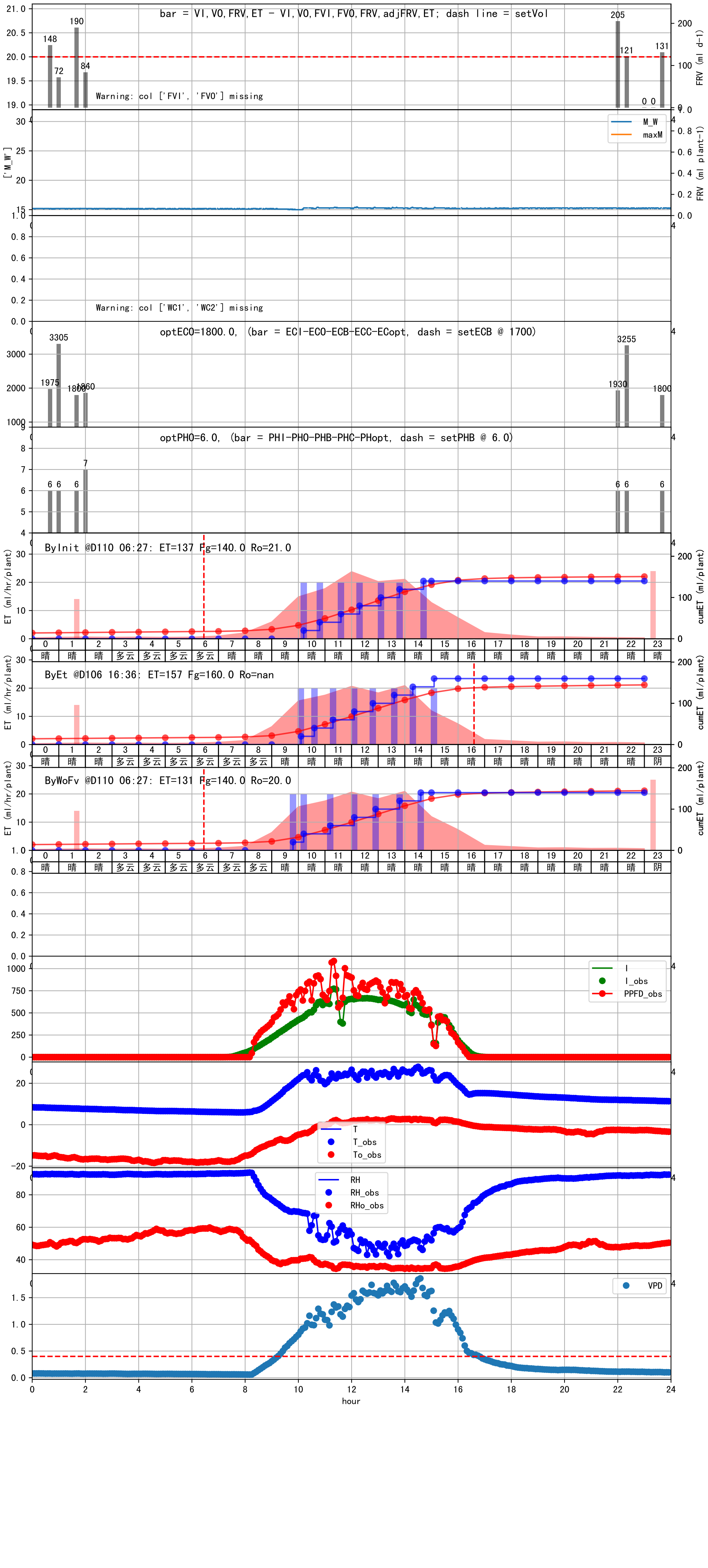


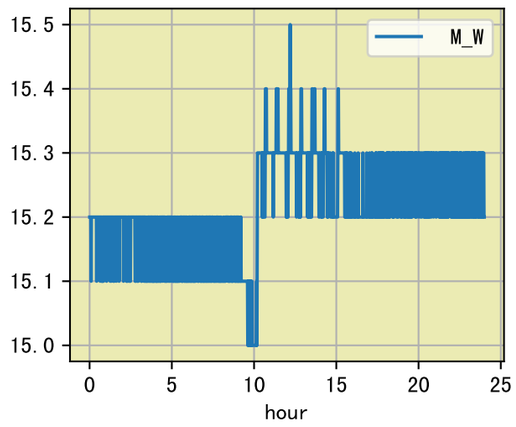

M_W
15.2
15.0
14.8
14.6
0
5
10
15
20
25
hour


hour
9:45
10:15
11:15
12:05
12:55
13:45
14:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:45	143	20.0	0.441	晴	假设@09:45 未知程序（未用传感器）
10:15	143	20.0	0.441	晴	假设@10:15 未知程序（未用传感器）
11:15	143	20.0	0.441	晴	假设@11:15 未知程序（未用传感器）
12:05	143	20.0	0.441	晴	假设@12:05 未知程序（未用传感器）
12:55	143	20.0	0.441	晴	假设@12:55 未知程序（未用传感器）
13:45	143	20.0	0.441	晴	假设@13:45 未知程序（未用传感器）
14:35	143	20.0	0.441	晴	假设@14:35 未知程序（未用传感器）
总计	1001.0 (7次)	140.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=106 (2026-01-08)




M_W
15.5
15.4
15.3
15.2
15.1
15.0
0
5
10
15
20
25
hour