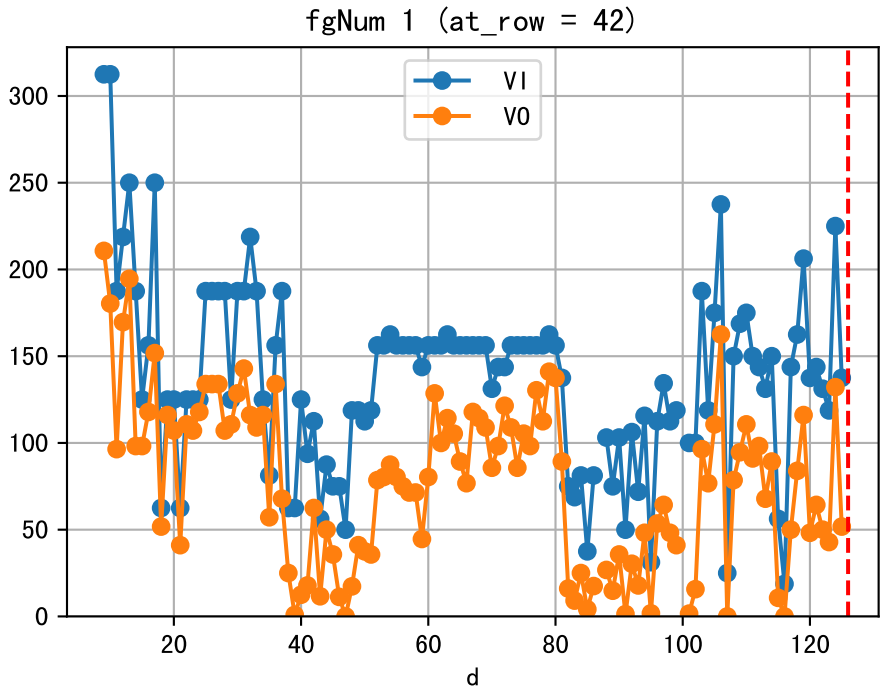
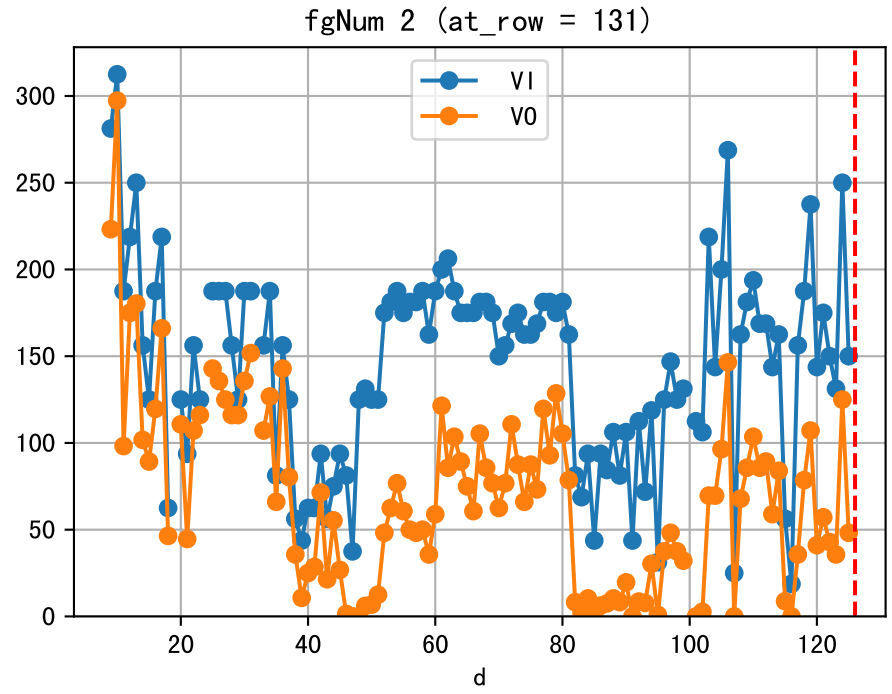
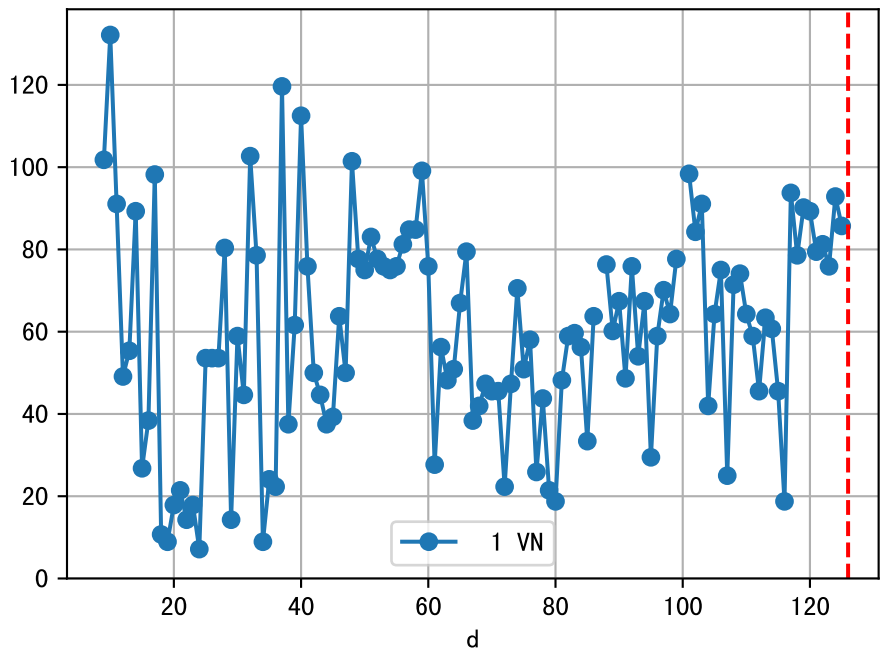
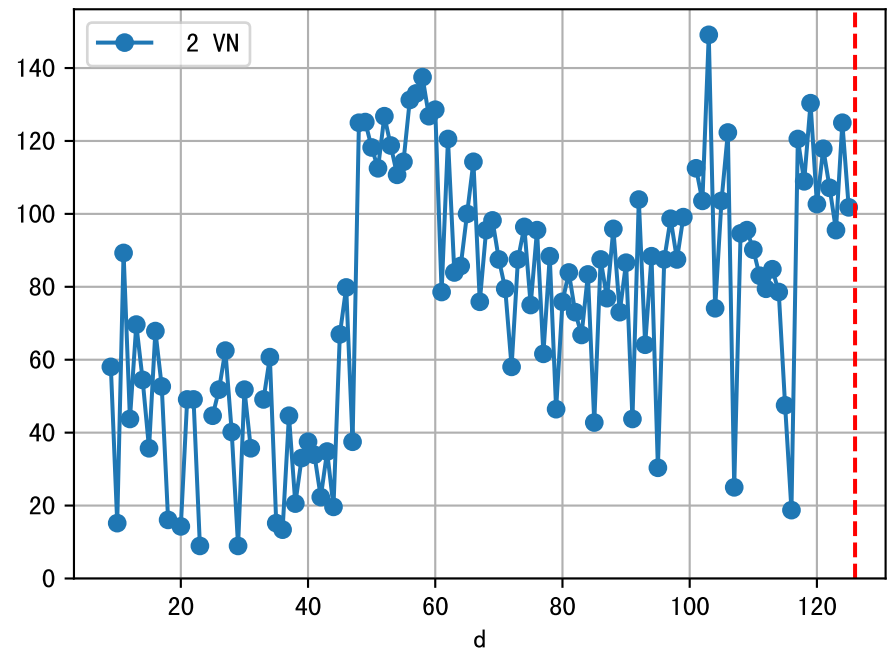
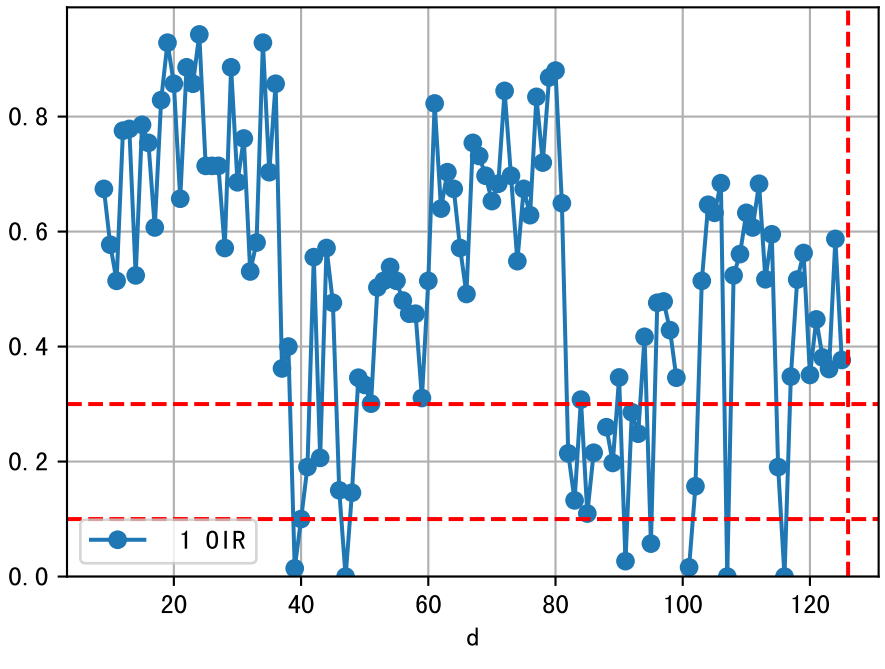
FgArea: ['0']
NC11 P1
2026-01-28 (Day 126)

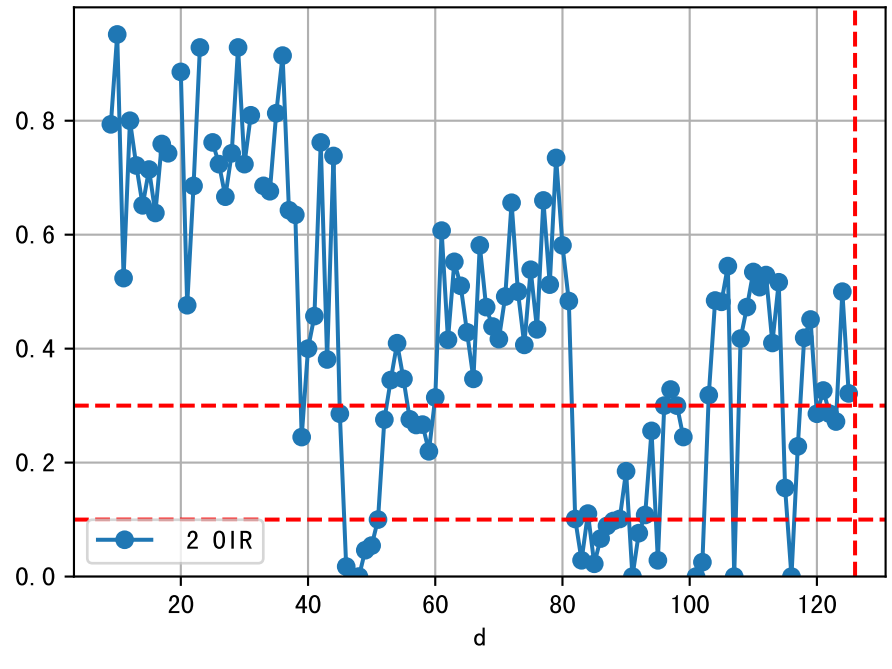

fgNum 1 (at_row = 42)
VI
VO
d

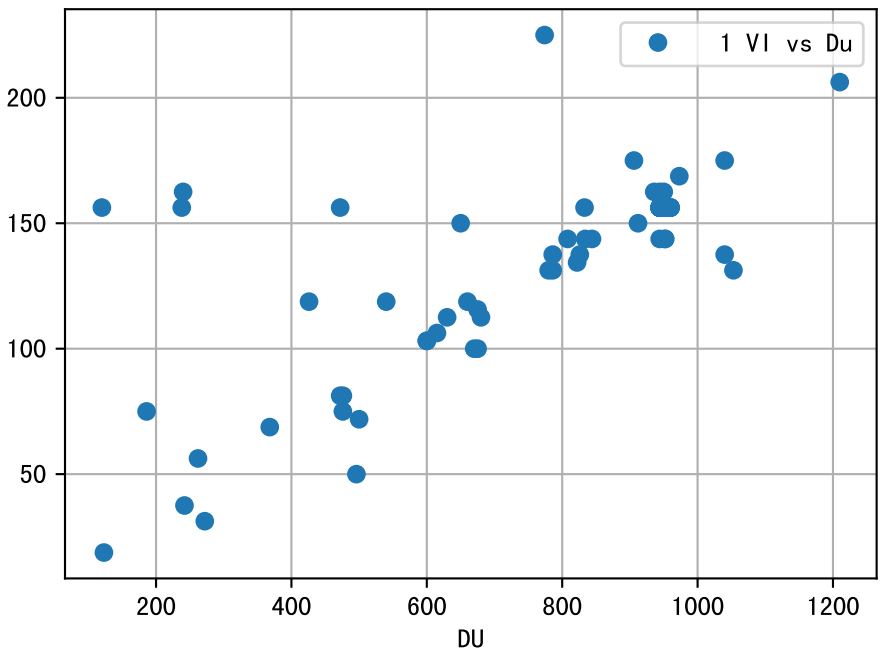

fgNum 2 (at_row = 131)
VI
VO
d

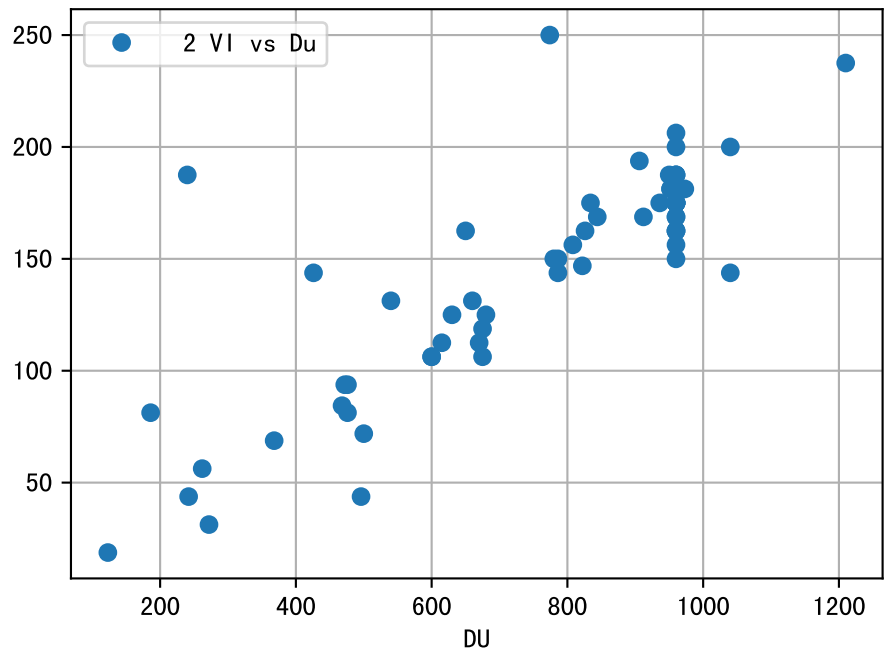

1 VN
d

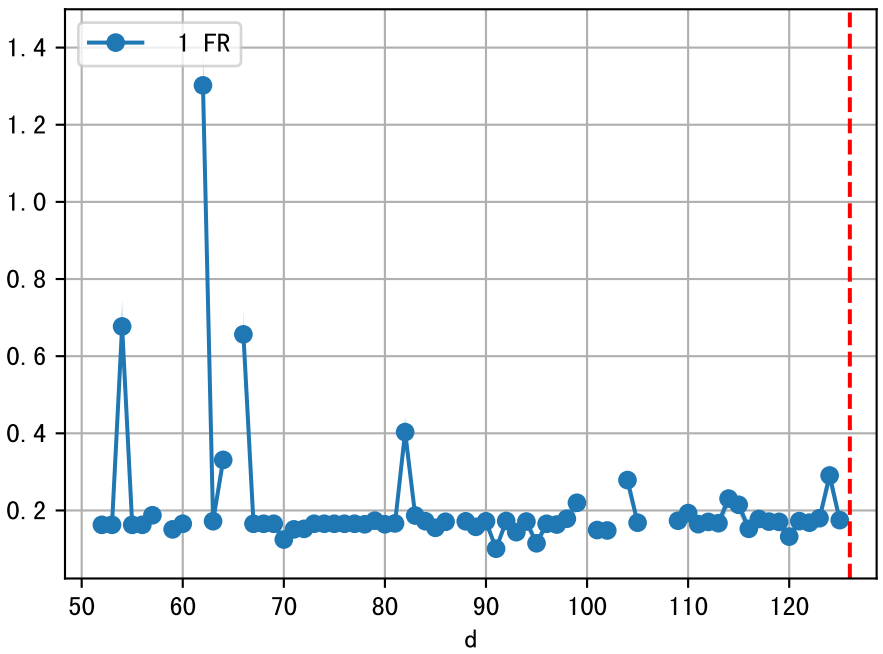

2 VN
d

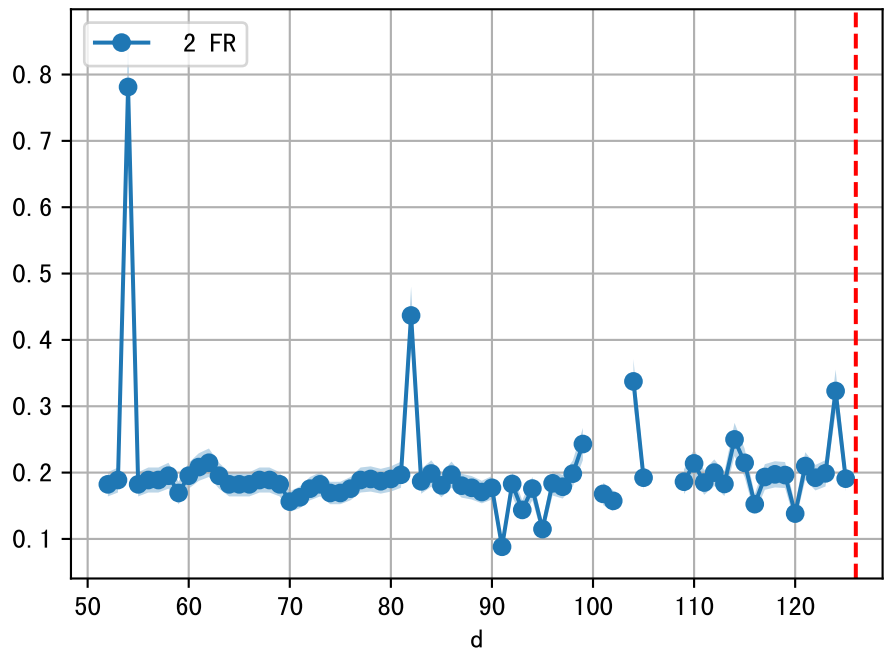

1 OIR
d

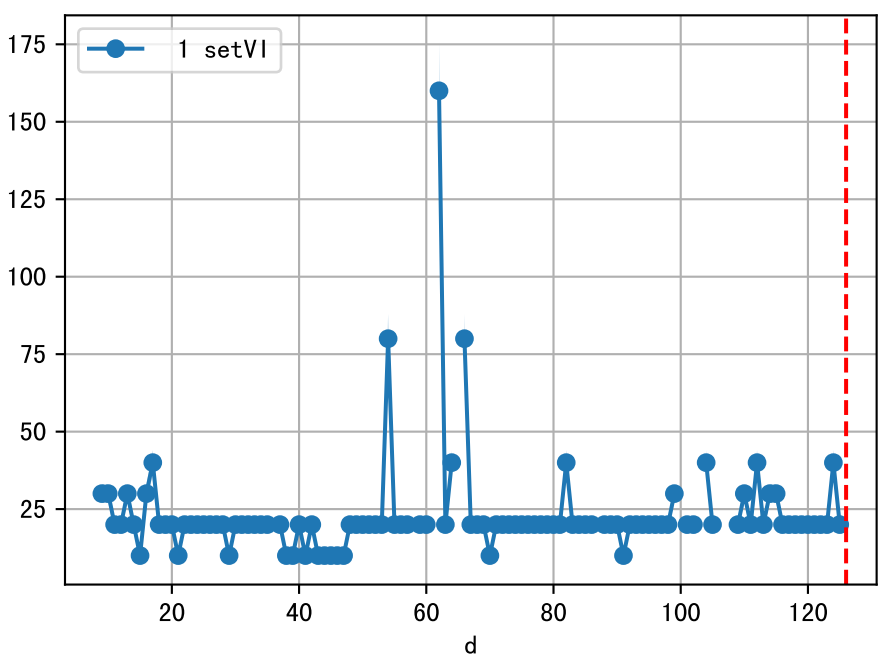

2 OIR
d

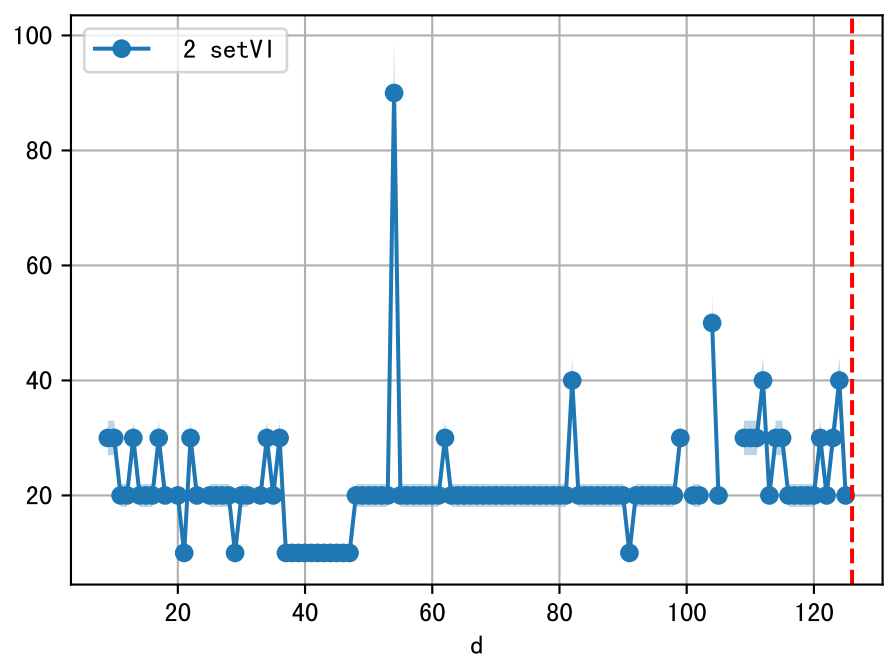

1 VI vs Du
DU

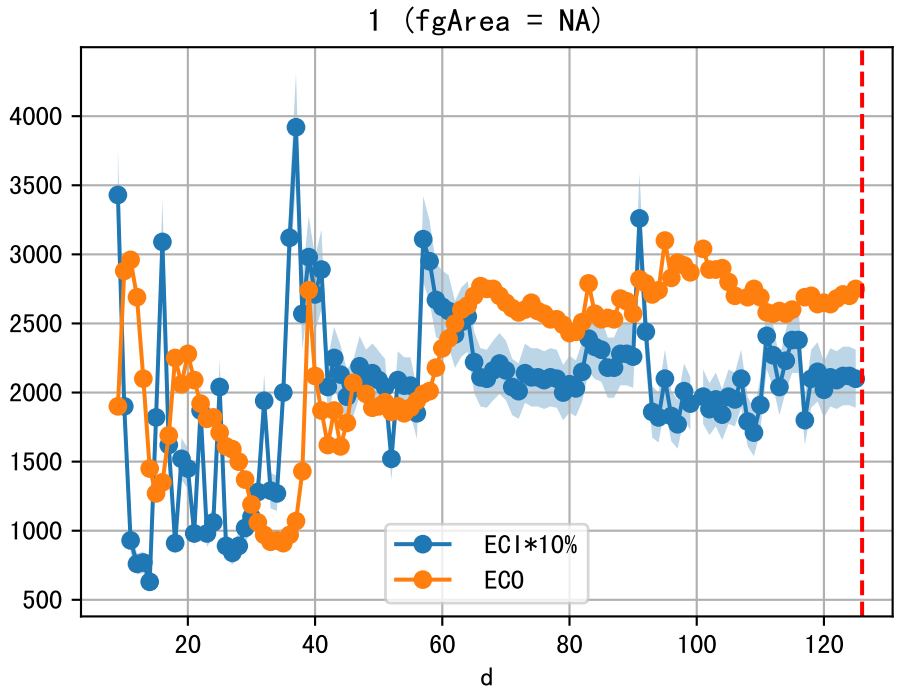

2 VI vs Du
DU

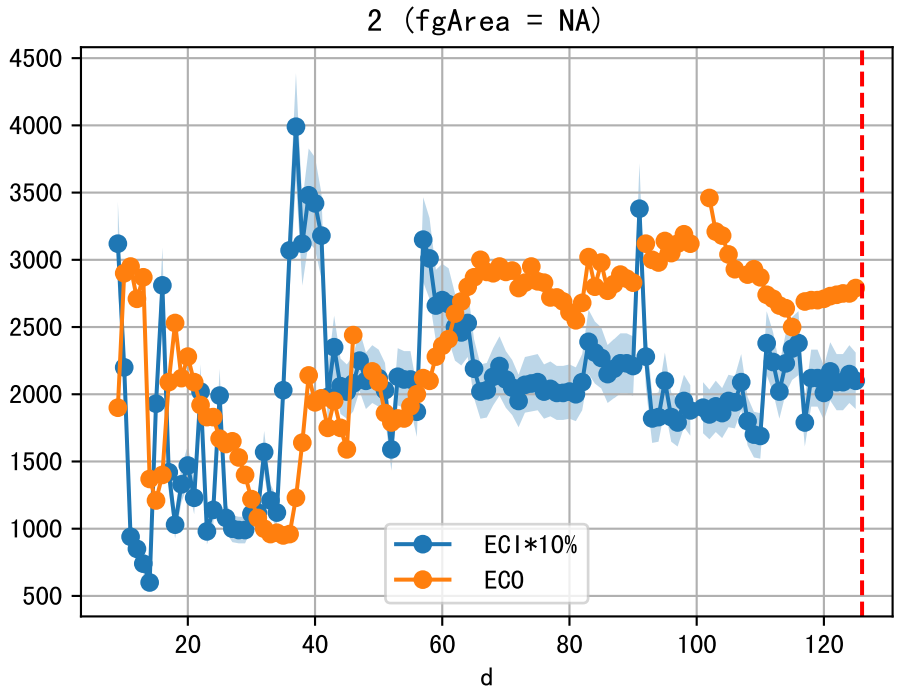

1 FR
d

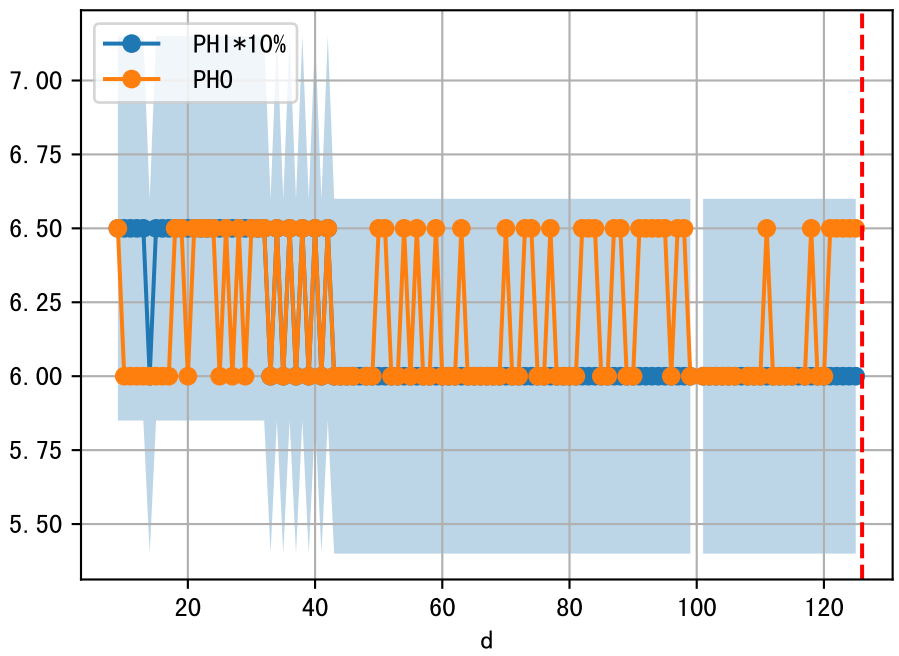

2 FR
d

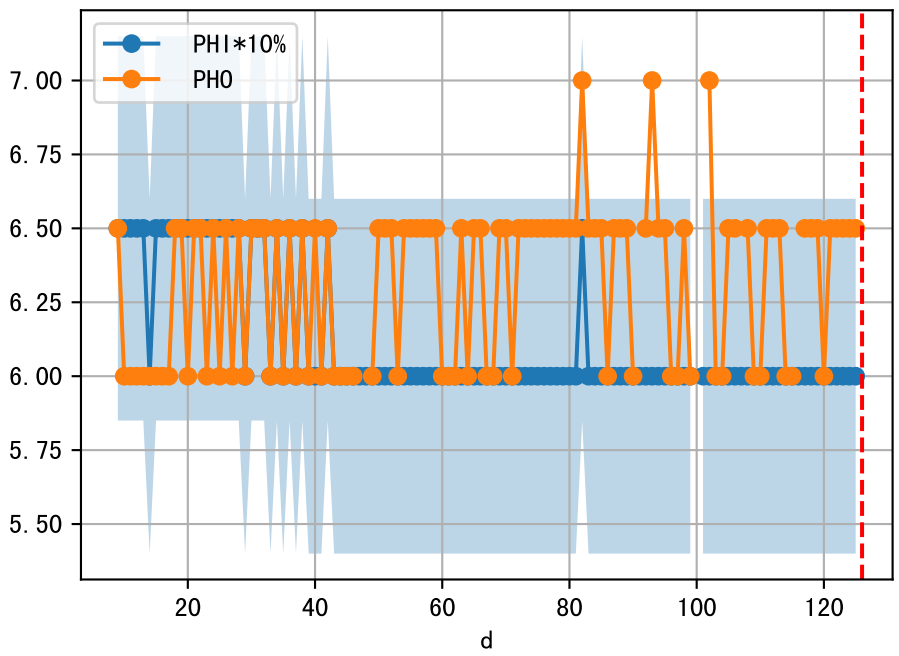

1 setVI
d

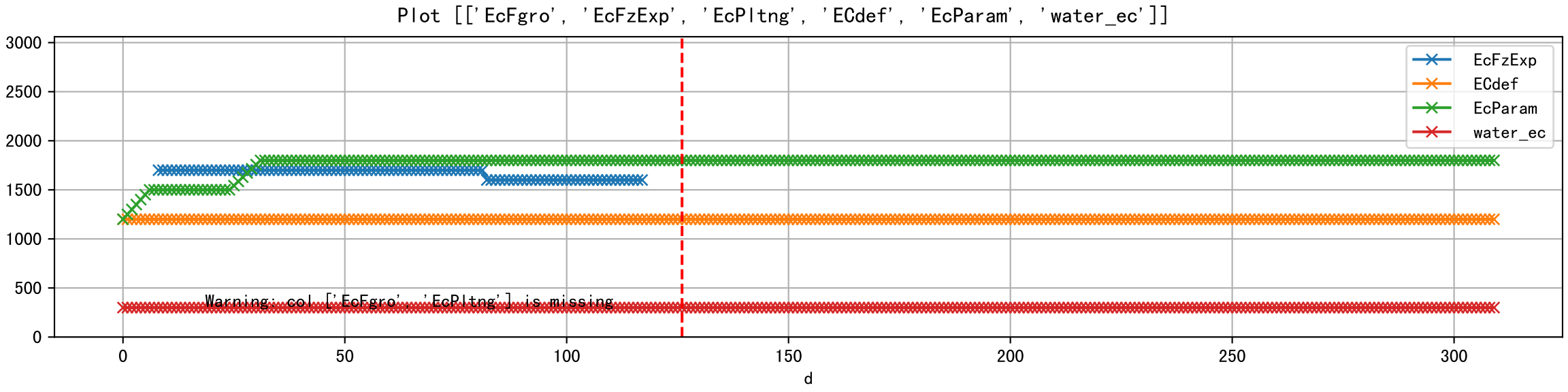

2 setVI
d

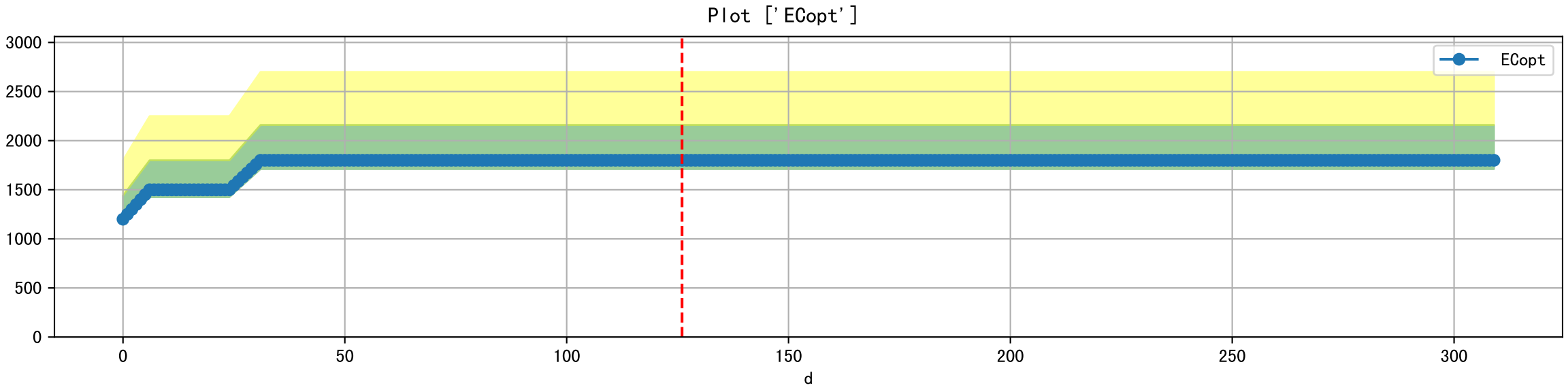

1 (fgArea = NA)
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
d
ECI*10%
ECO

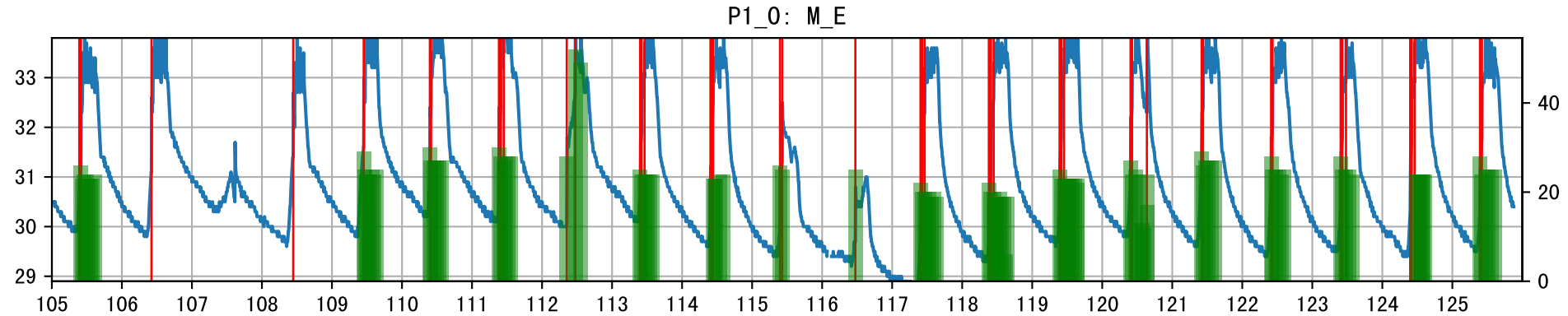

2 (fgArea = NA)
4500
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
d
ECI*10%
ECO

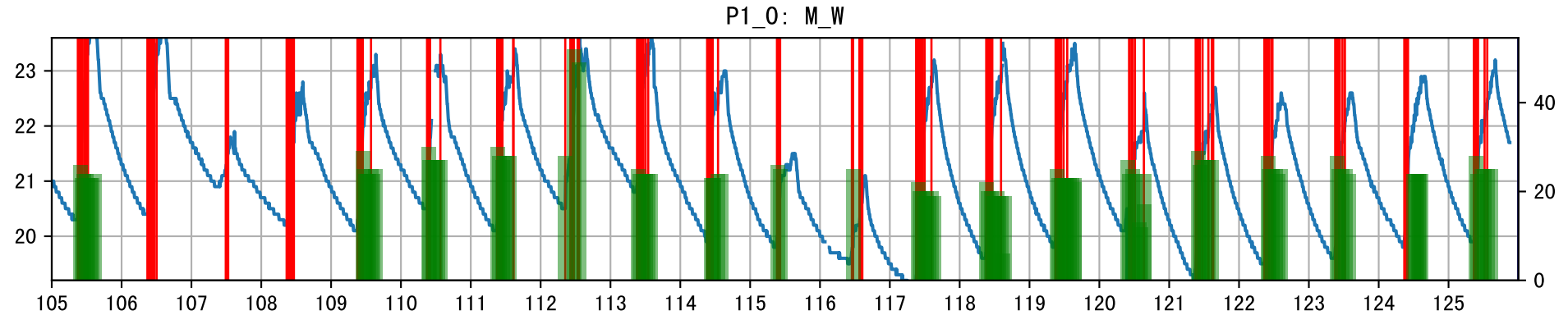

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
d

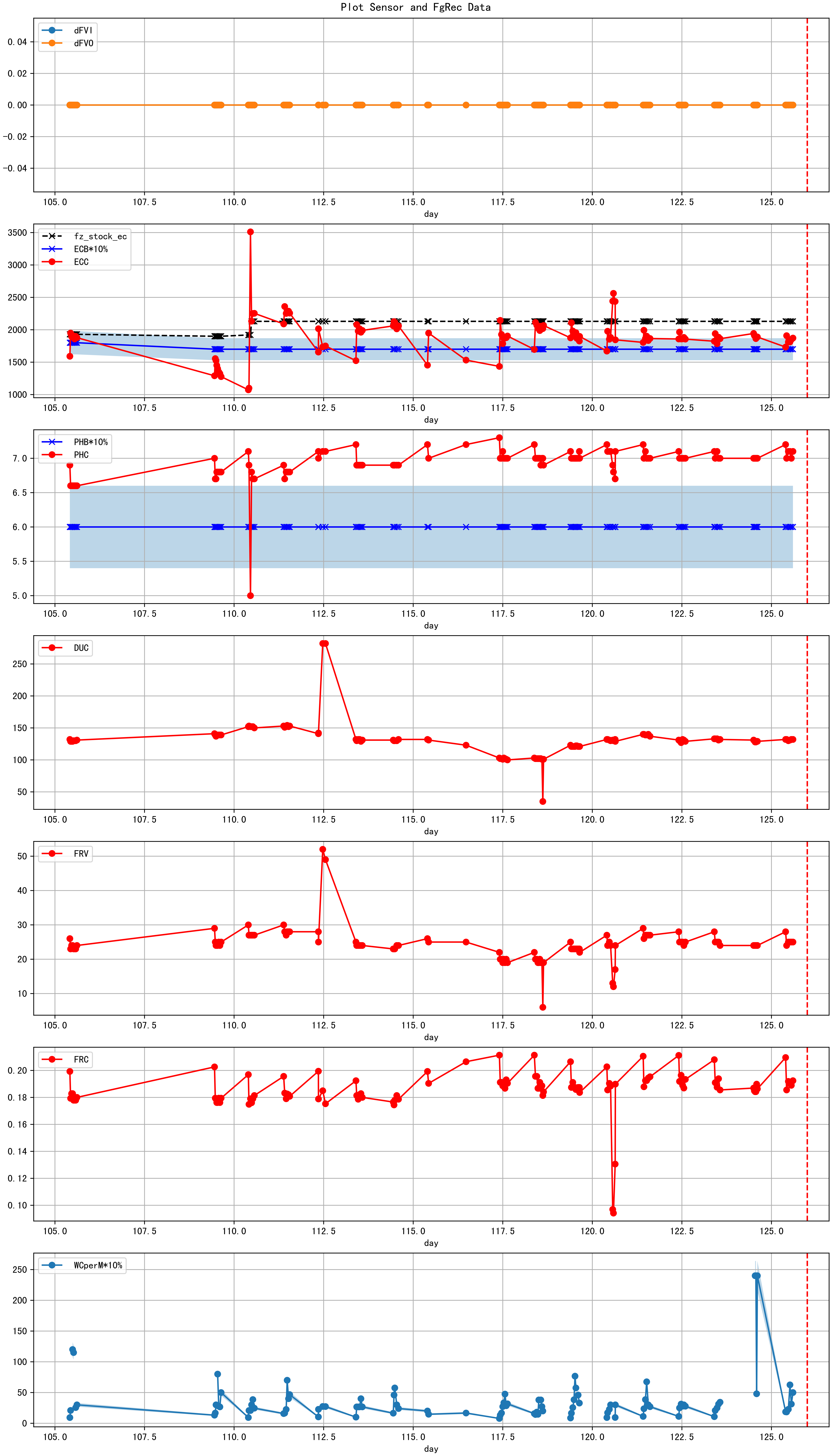

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
d


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

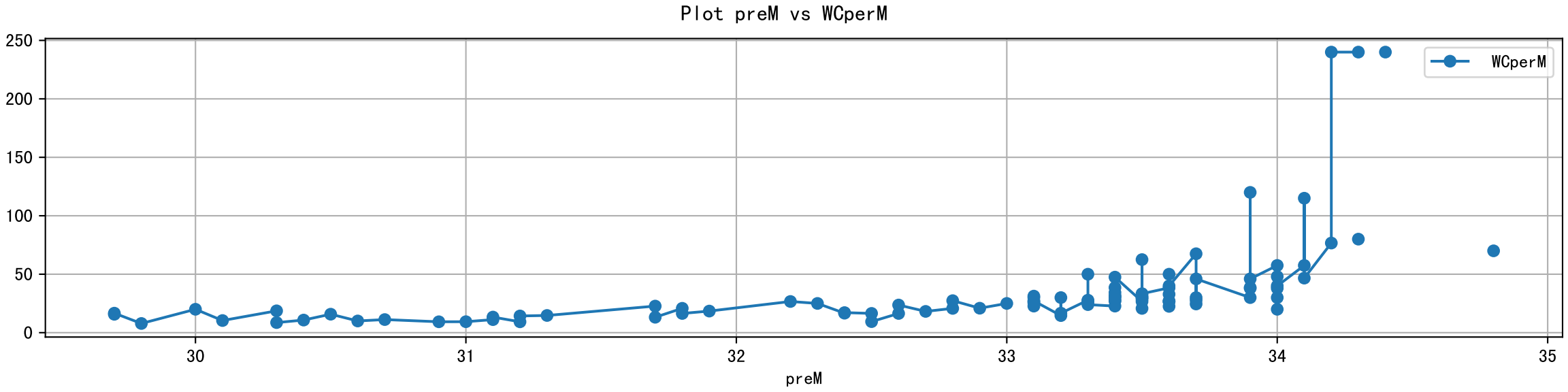

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

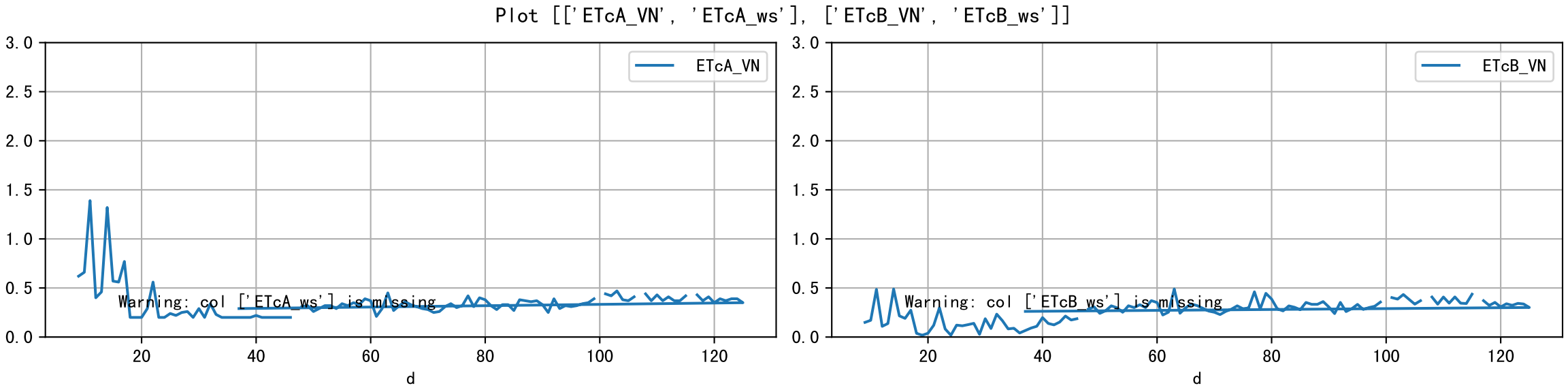

P1_0: M_E
33
32
31
30
29
40
20
0
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125

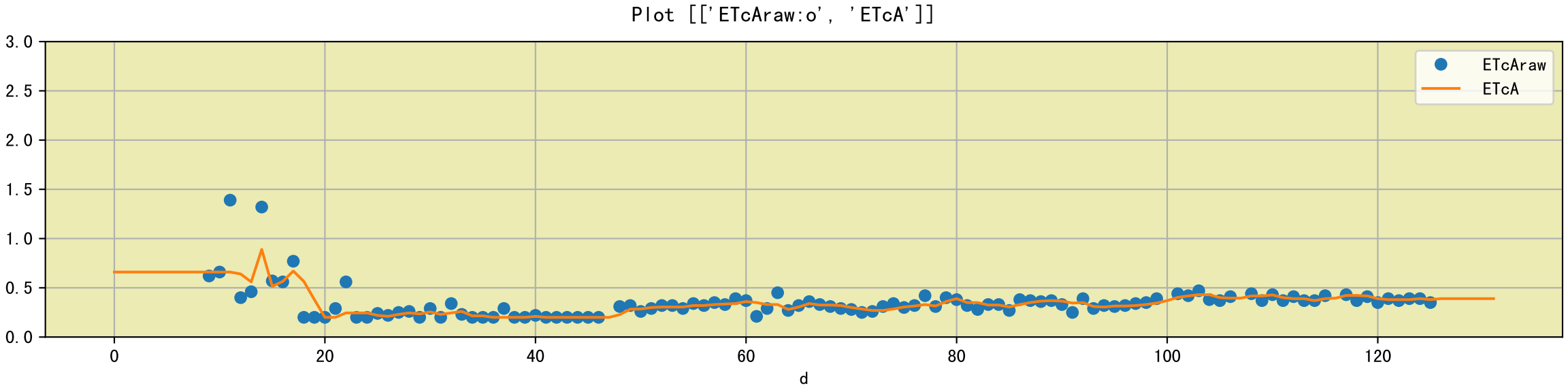

P1_O: M_W
23
22
21
20
40
20
0
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125

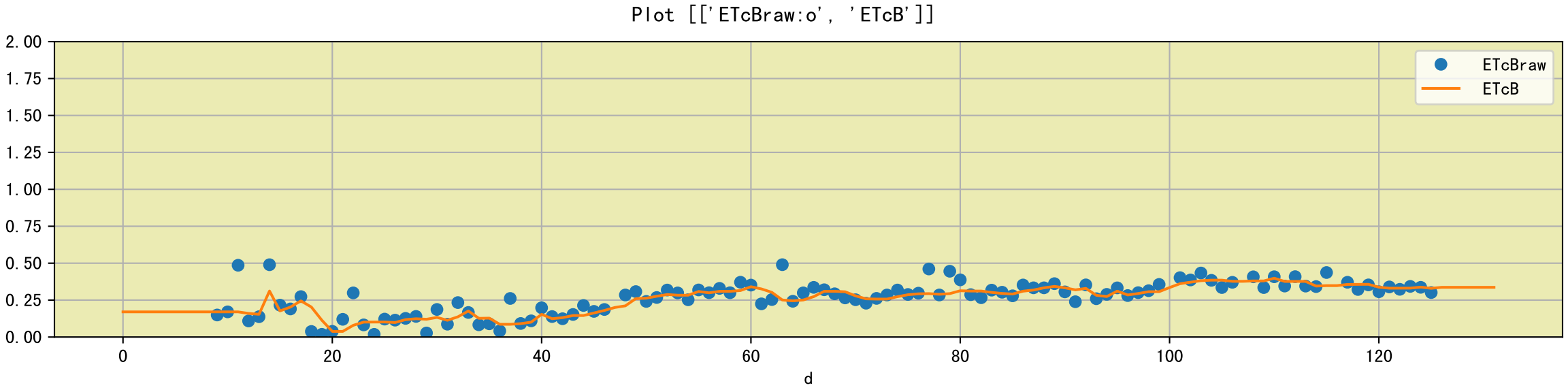


Plot Sensor and FgRec Data
dFVI
dFVO
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
WCperM*10%
day

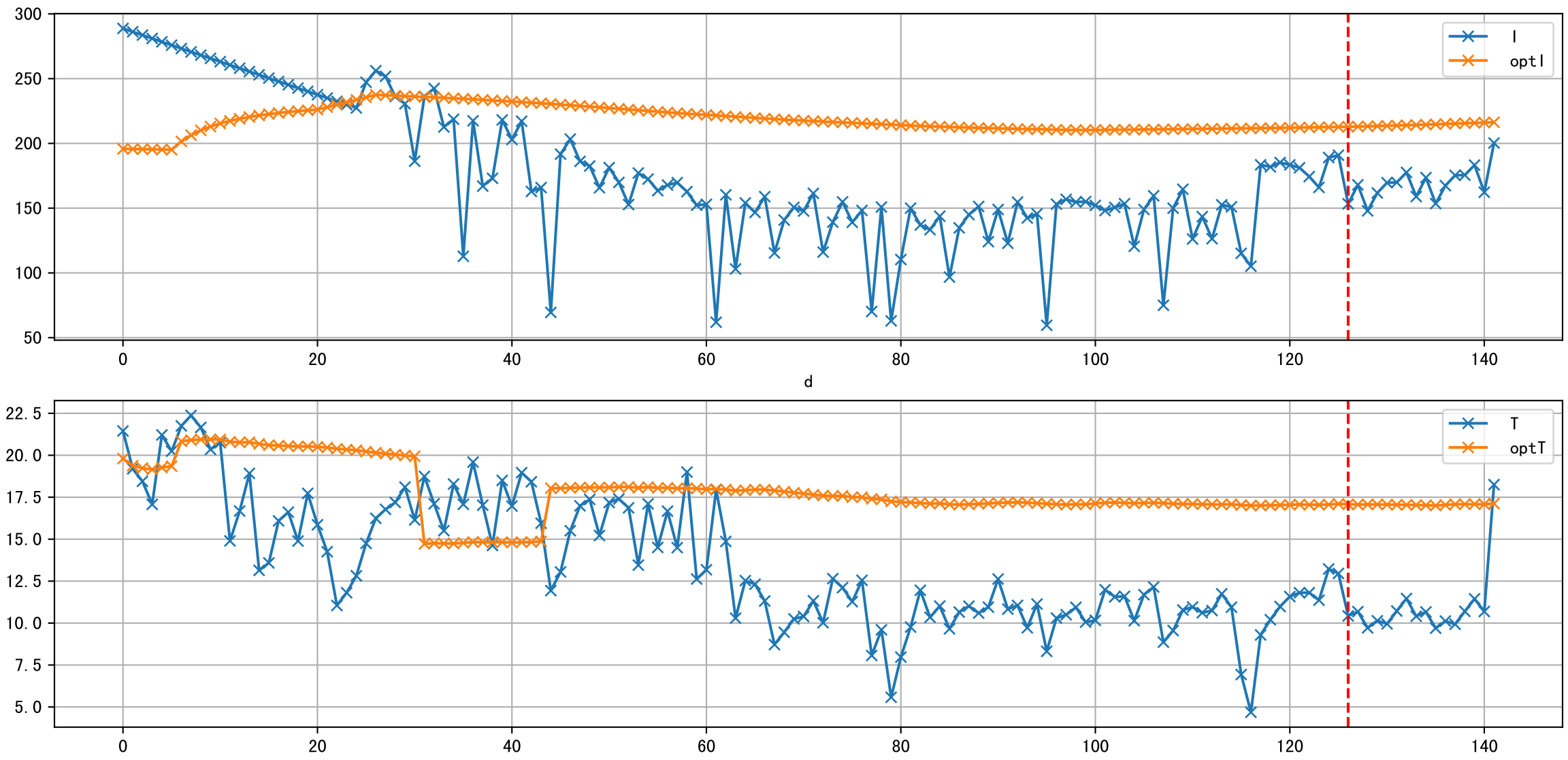

Plot preM vs WCperM
WCperM
250
200
150
100
50
0
30
31
32
33
34
35
preM

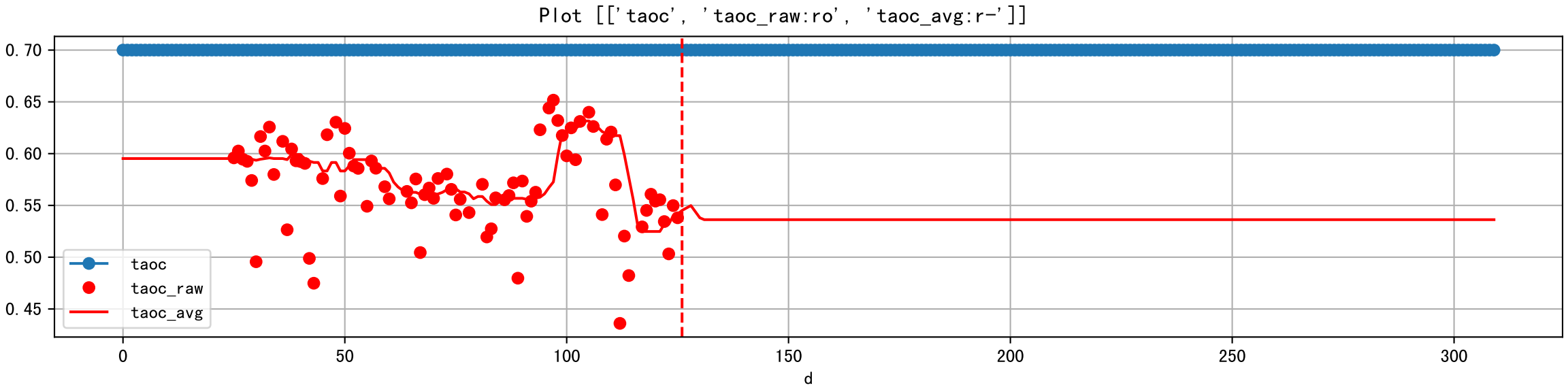

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

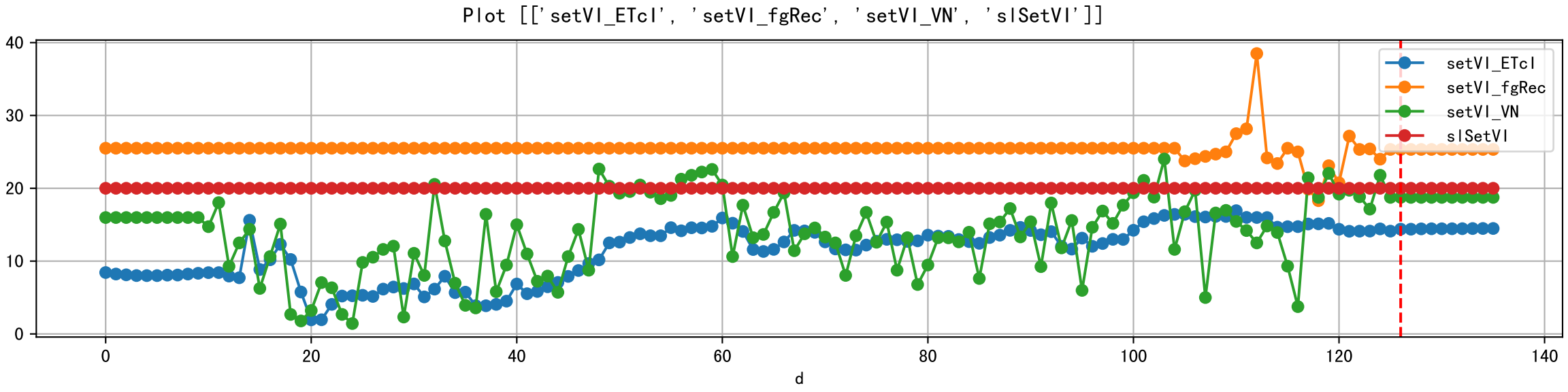

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
d
ETcAraw
ETcA

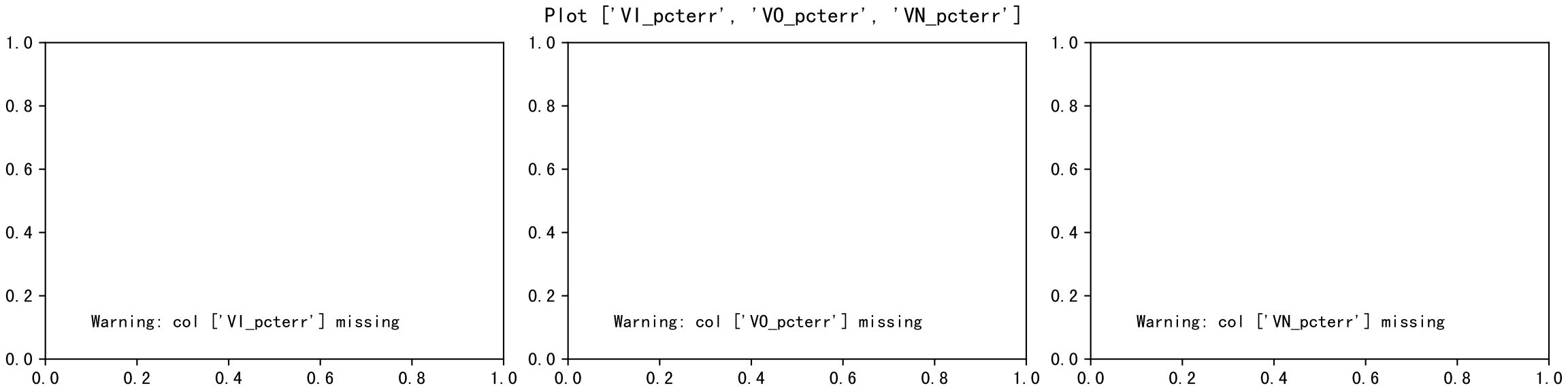

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
d
ETcBraw
ETcB

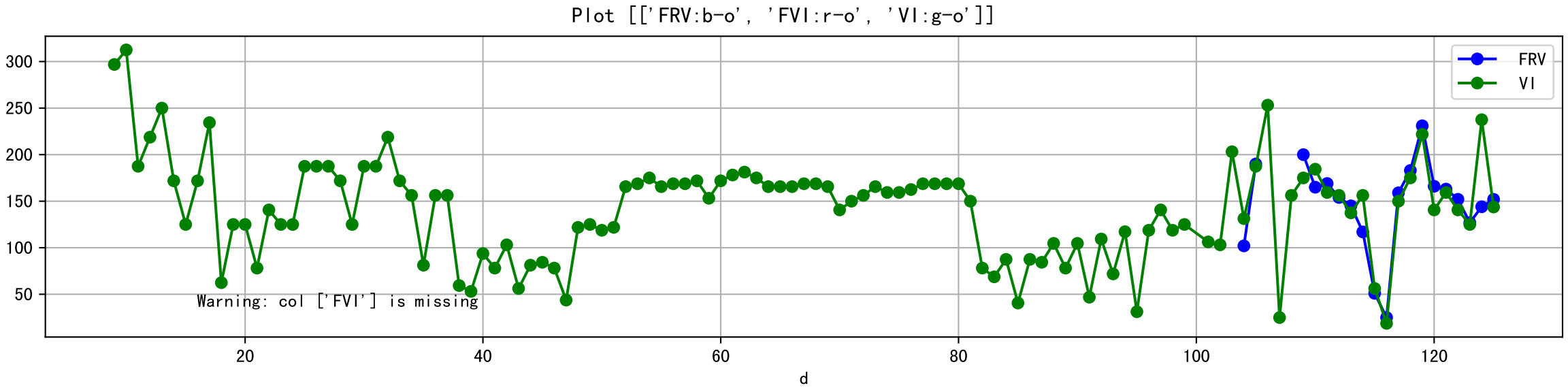
['I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

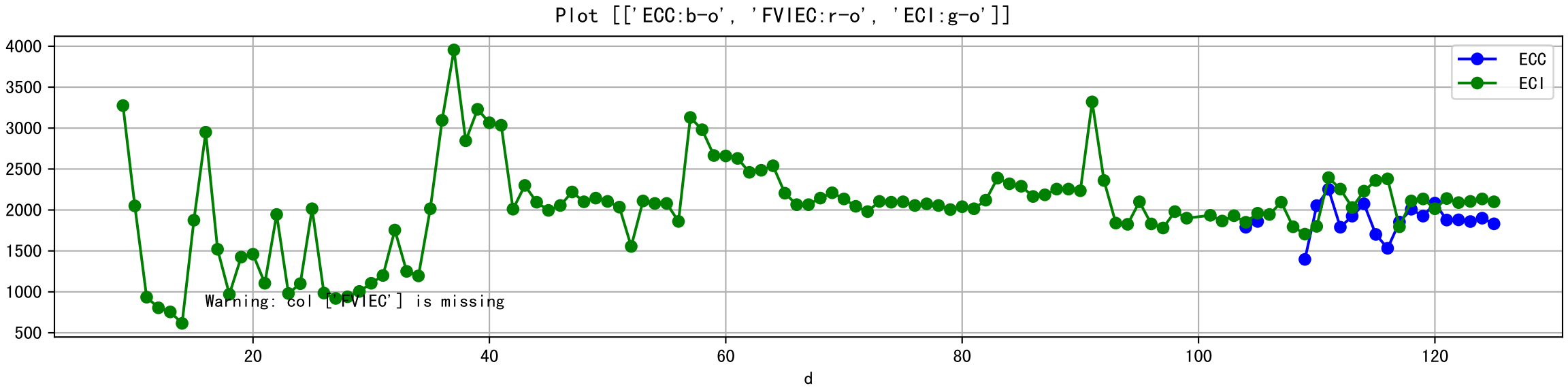


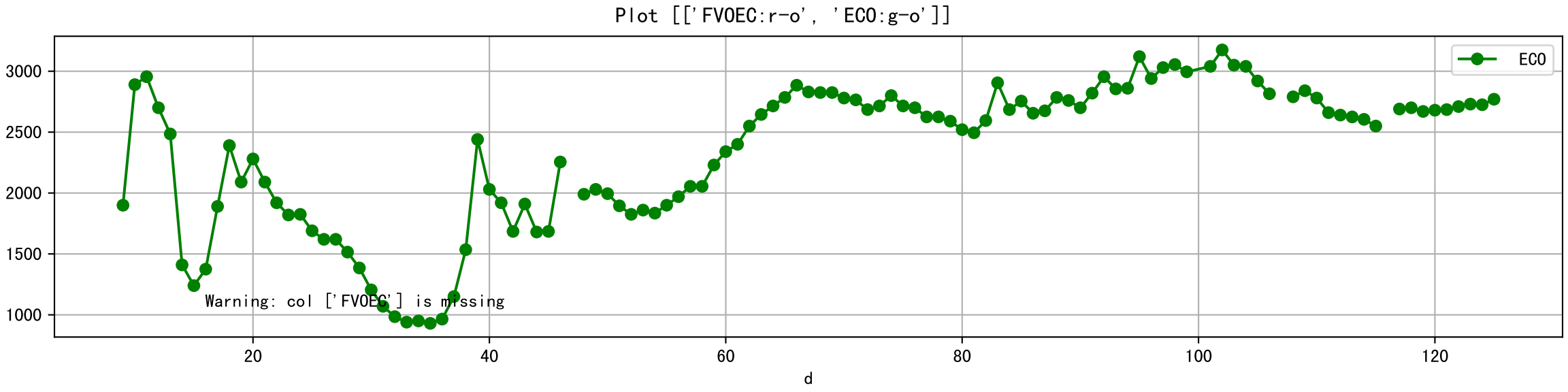

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.70
0.65
0.60
0.55
0.50
0.45
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

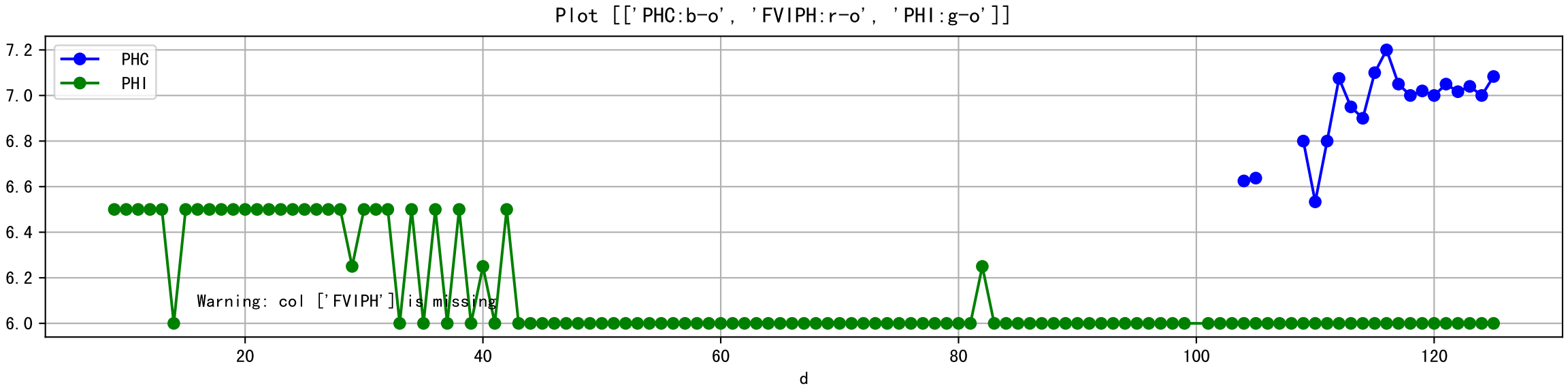

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
0
20
40
60
80
100
120
140
d

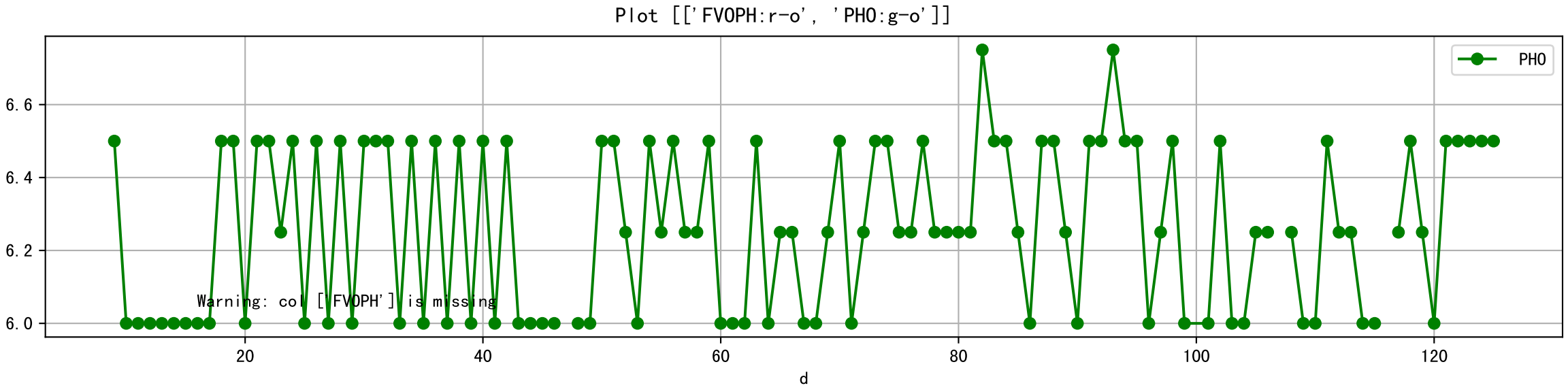

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

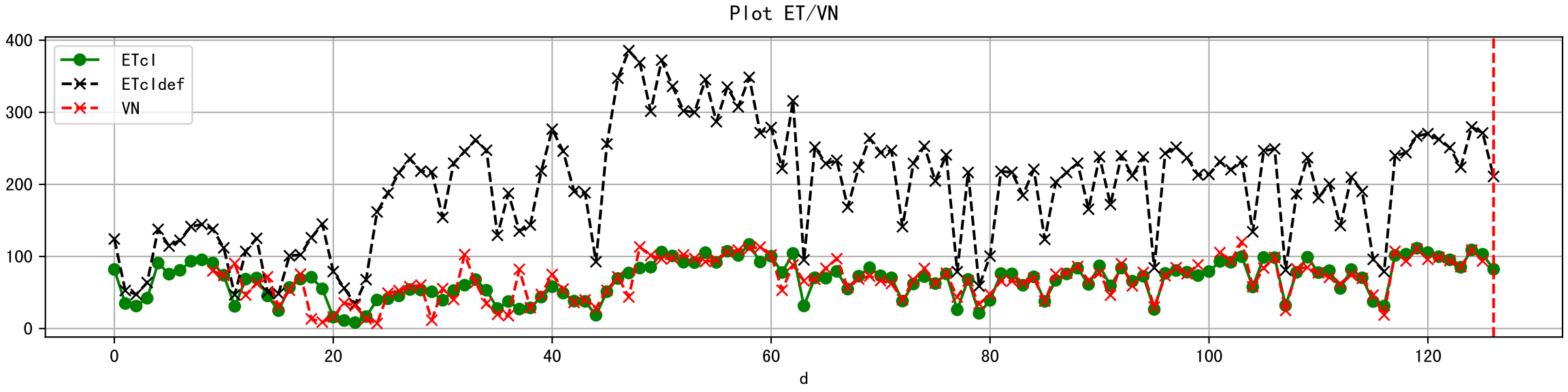

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
300
250
200
150
100
50
20
40
60
80
100
120
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
4000
3500
3000
2500
2000
1500
1000
500
20
40
60
80
100
120
d

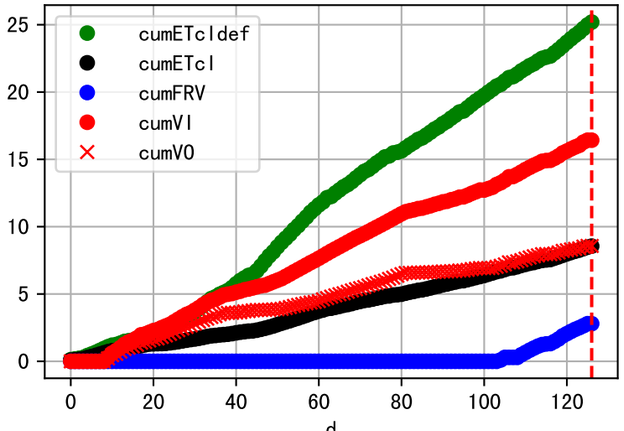

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3000
2500
2000
1500
1000
20
40
60
80
100
120
d

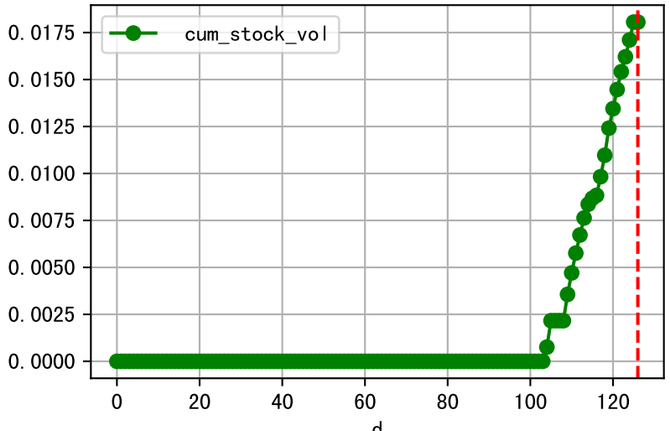

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
d

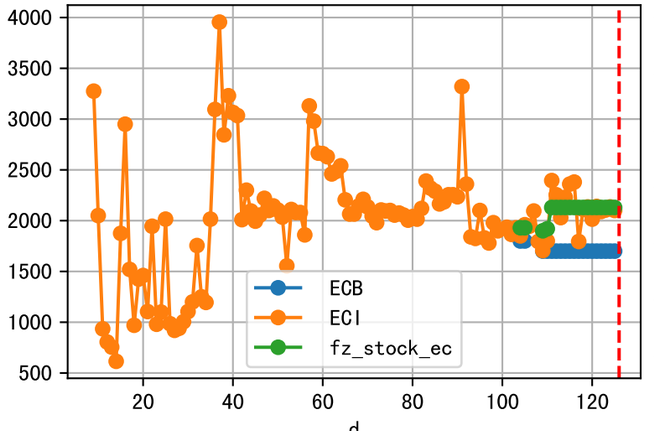

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
6.0
6.2
6.4
6.6
20
40
60
80
100
120
d

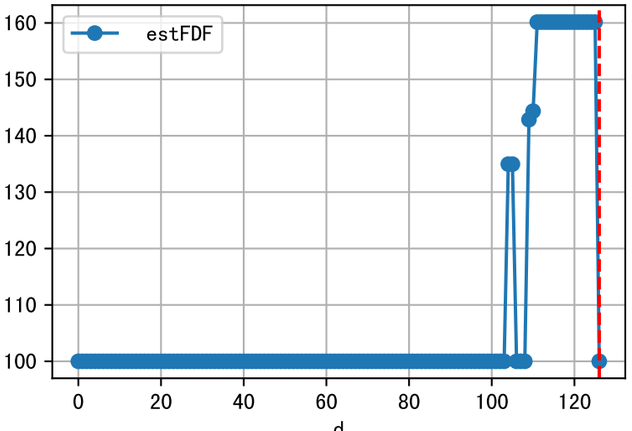

Plot ET/VN
ETcl
ETcldef
VN
400
300
200
100
0
0
20
40
60
80
100
120
d

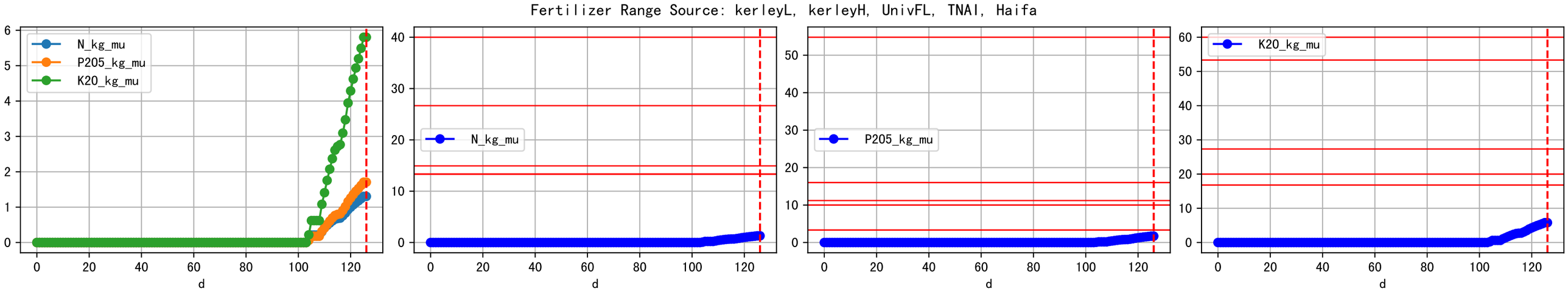
Plot Fv and fertilizer usage

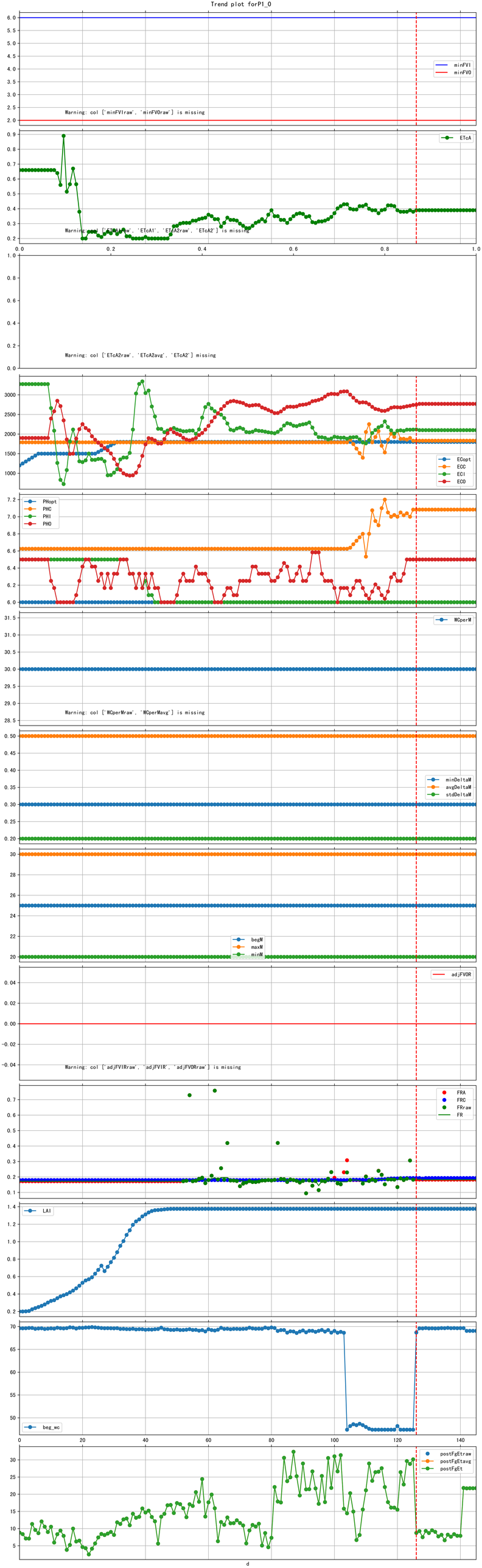


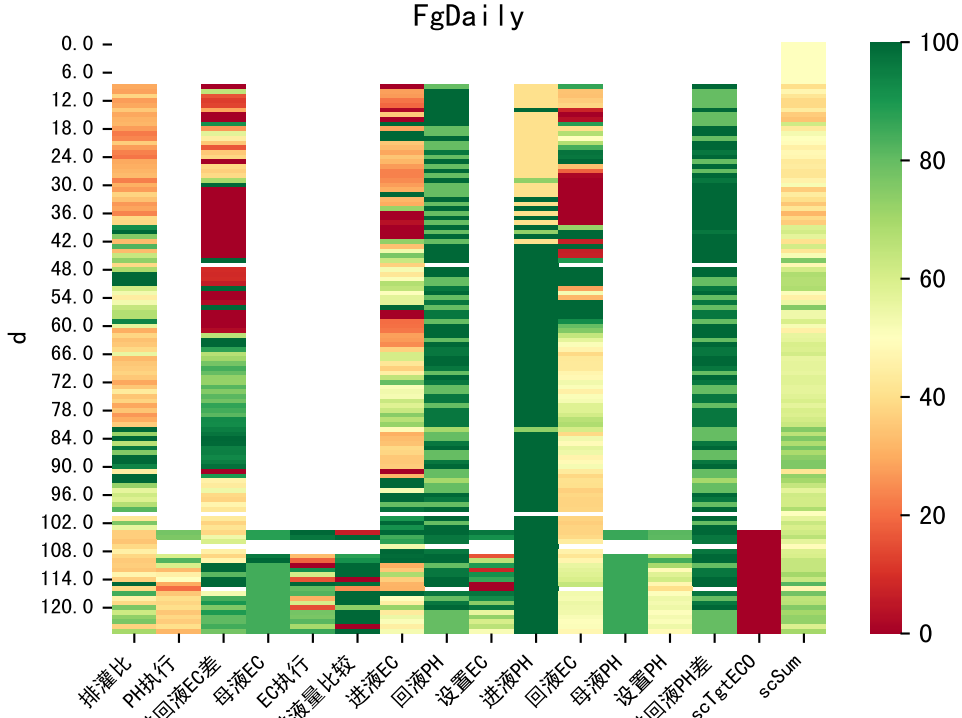




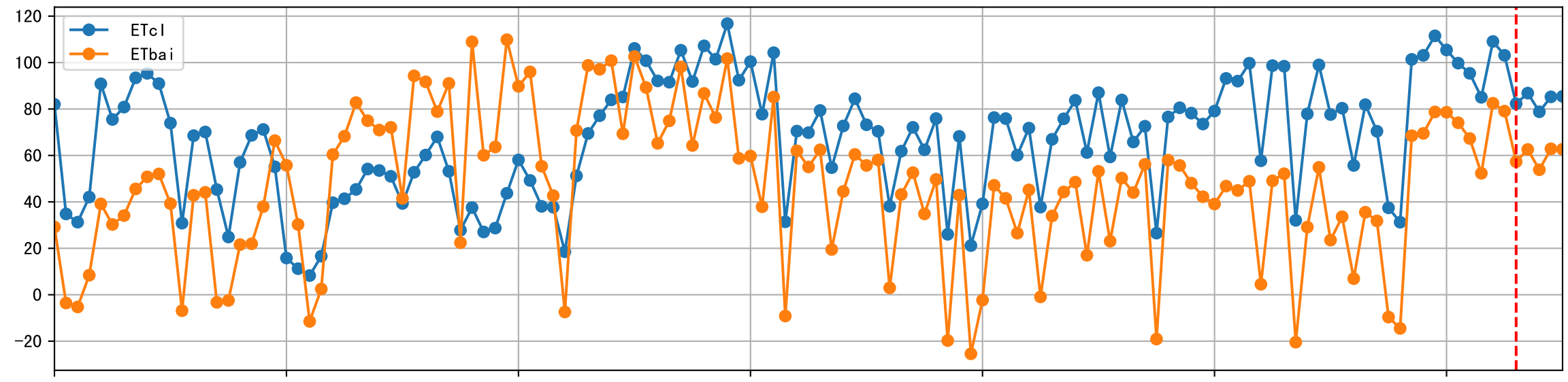


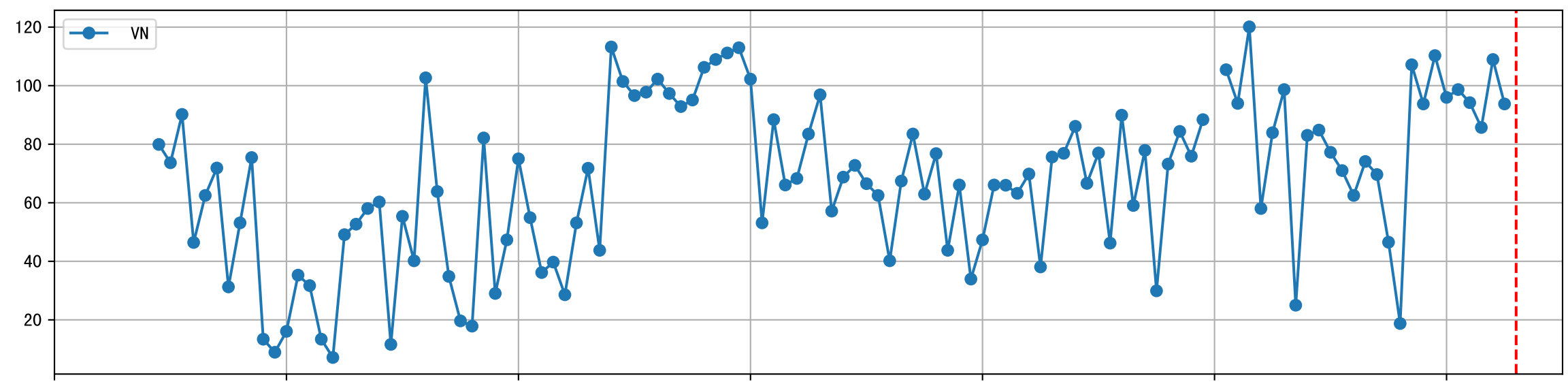

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

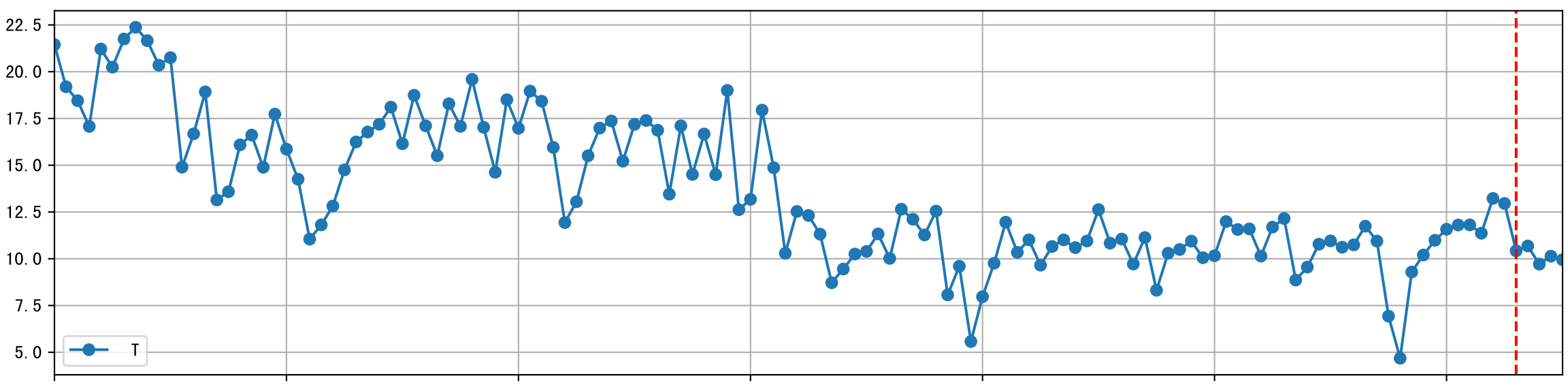

Trend plot forP1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
EGopt
EGC
EGI
EGO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

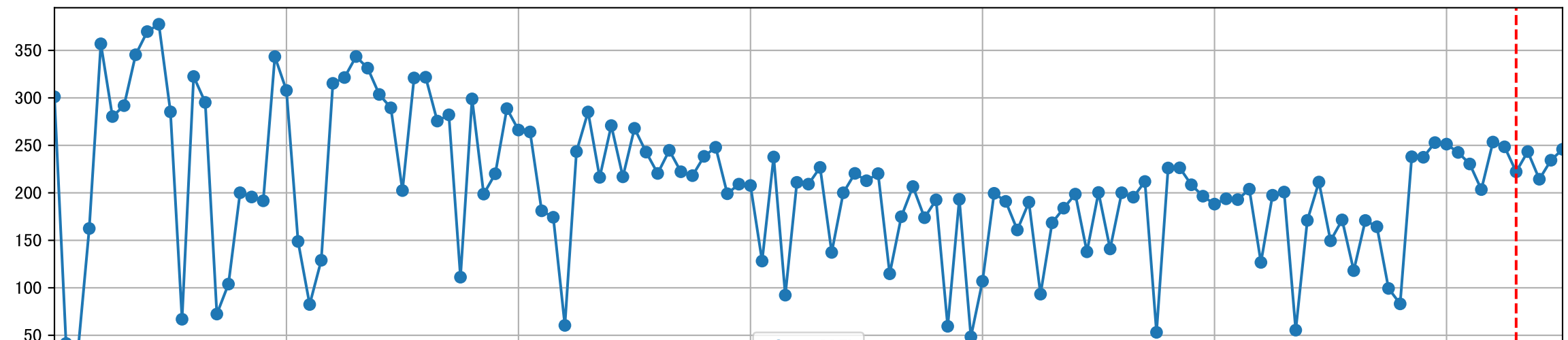

FgDaily
d
0.0
6.0
12.0
18.0
24.0
30.0
36.0
42.0
48.0
54.0
60.0
66.0
72.0
78.0
84.0
90.0
96.0
102.0
108.0
114.0
120.0
100
80
60
40
20
0
排灌比
PH执行
回液EC差
母液EC
EC执行
液量比较
进液EC
回液PH
设置EC
进液PH
回液EC
母液PH
设置PH
回液PH差
scTgtEC0
scSum

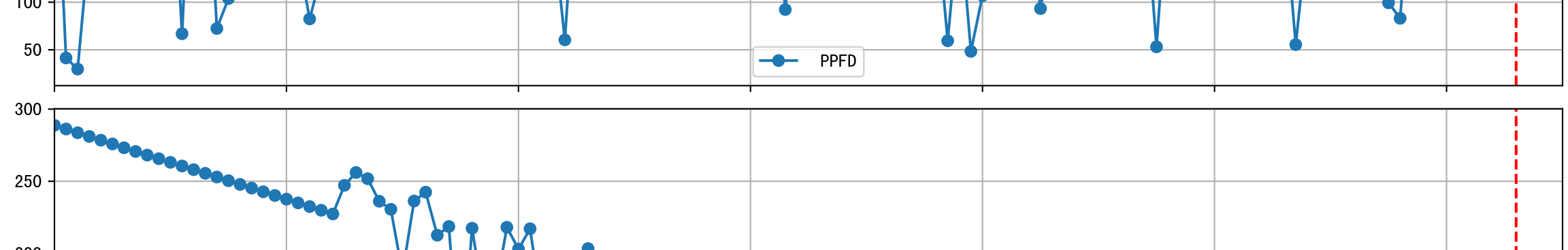
P1_0

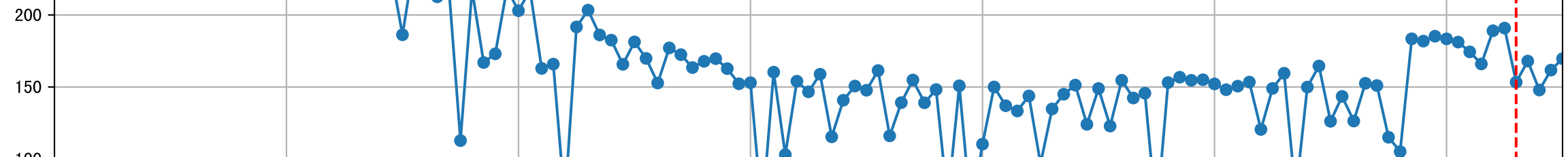


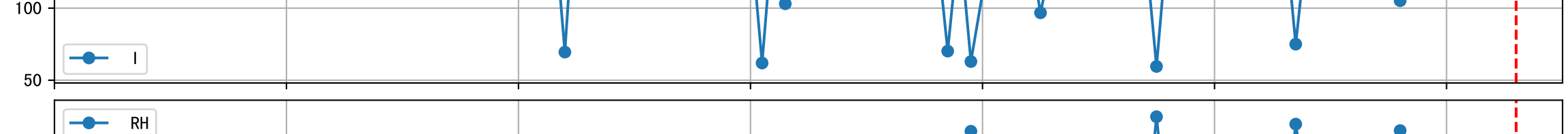




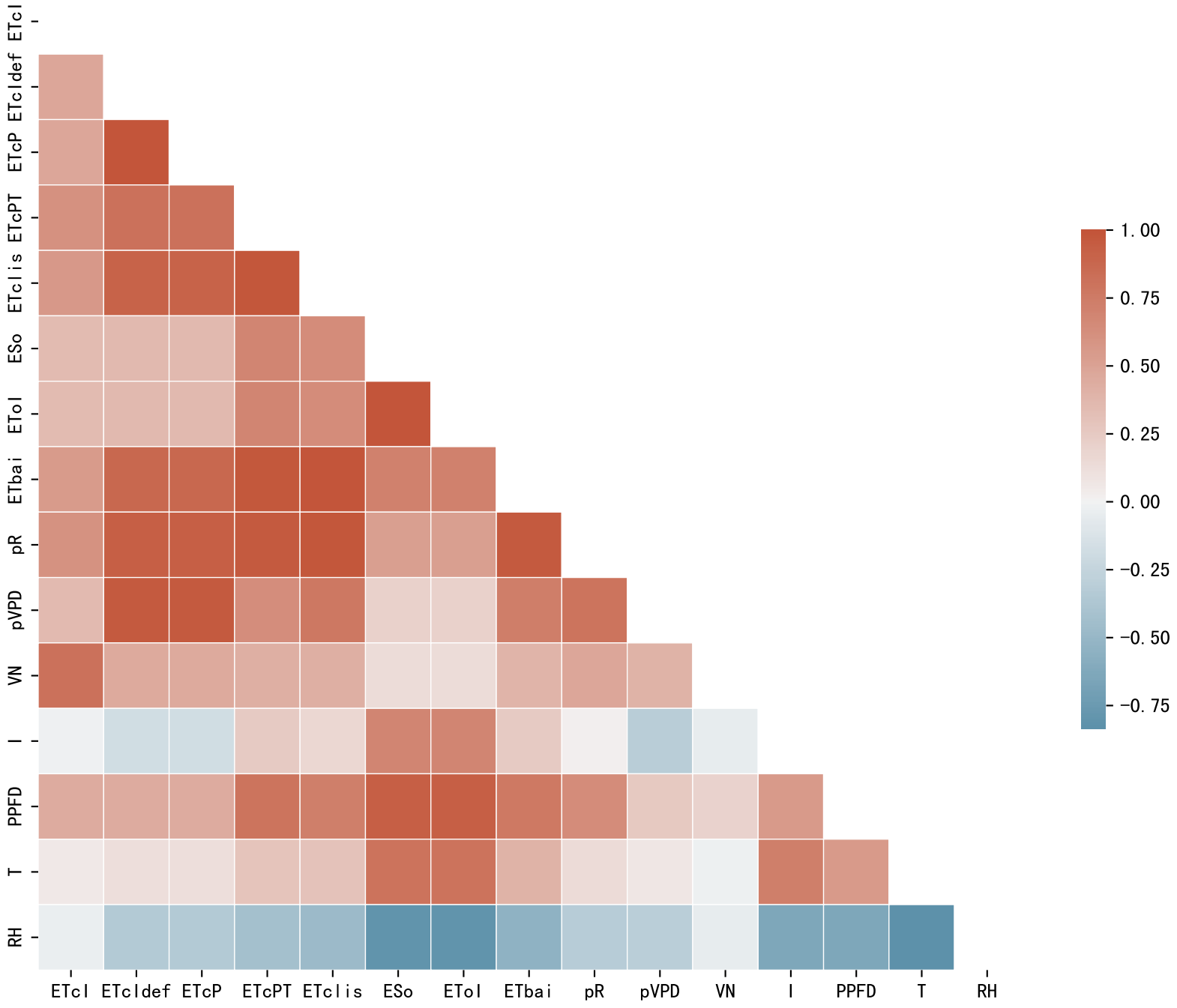


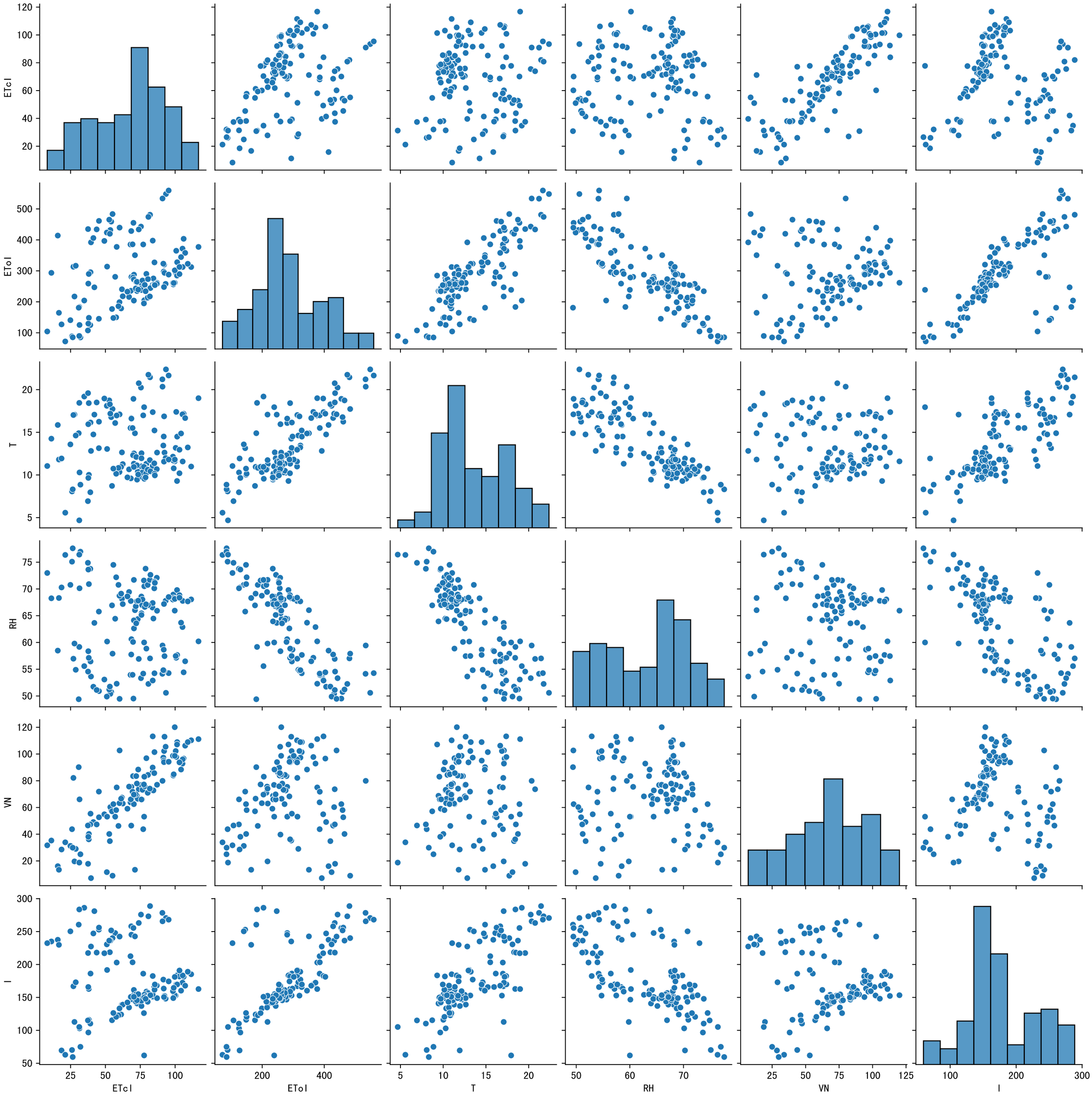


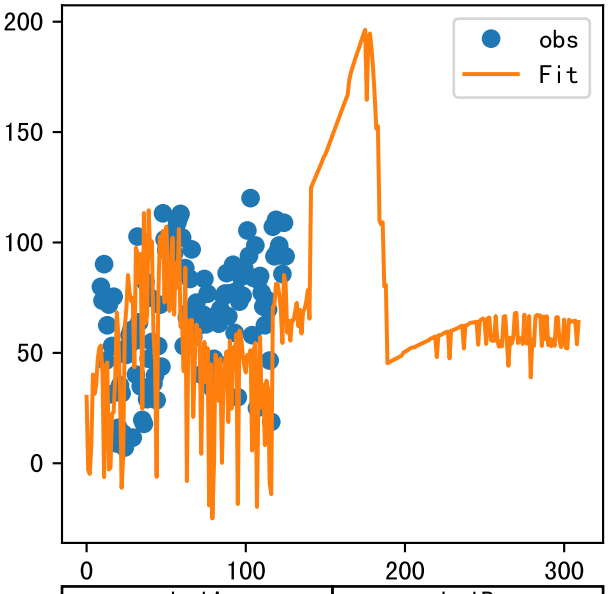


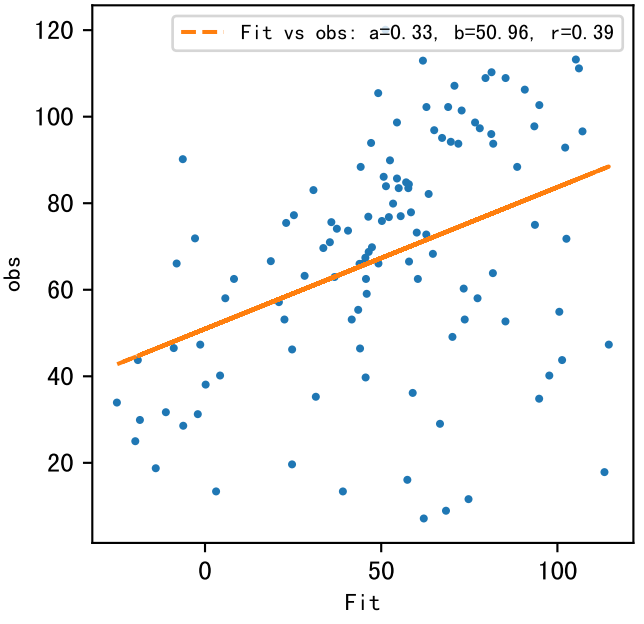


d

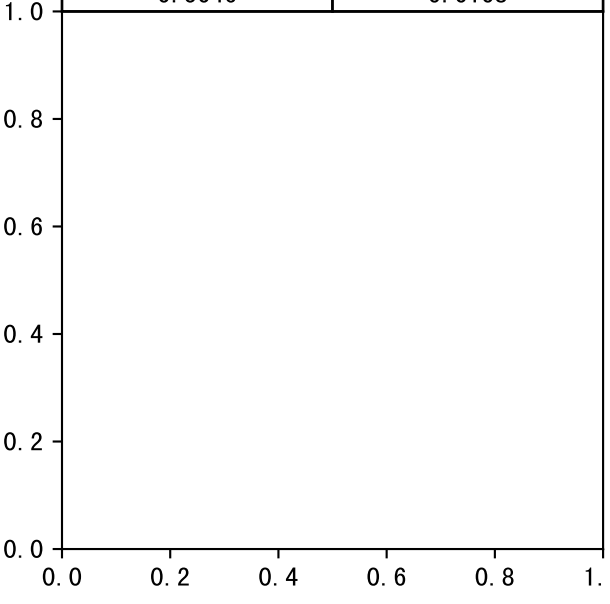

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

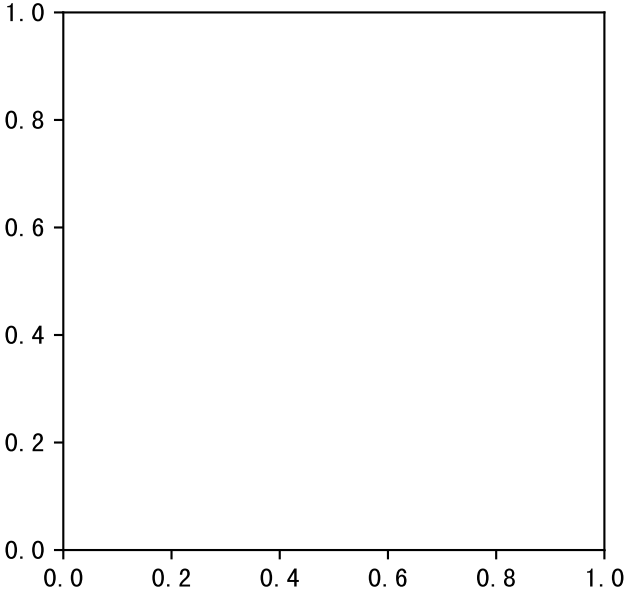

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

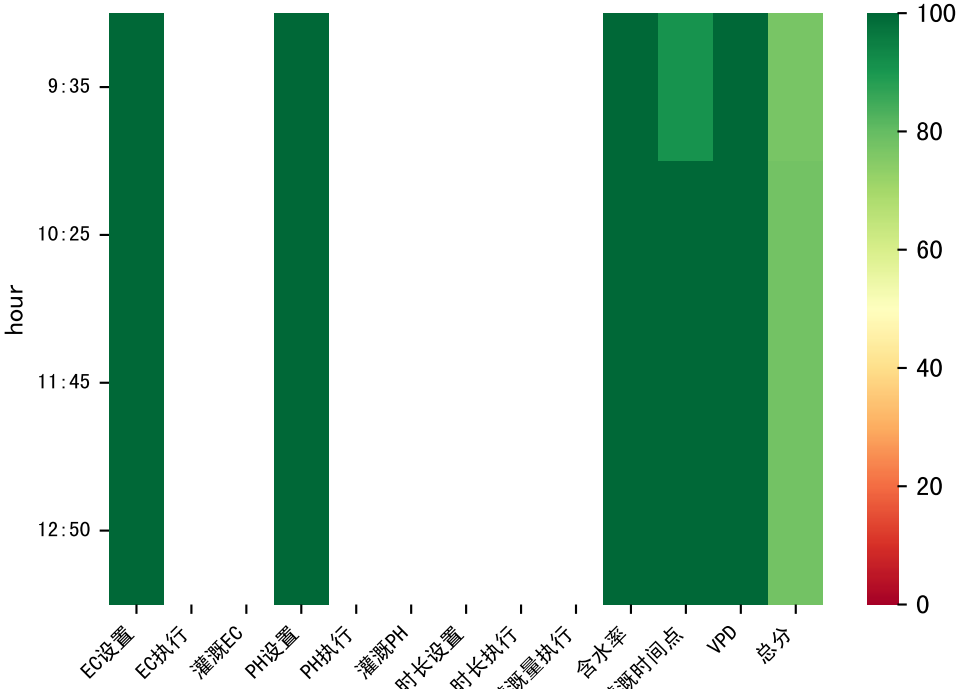




baiA	baiB
0.5046	0.0108

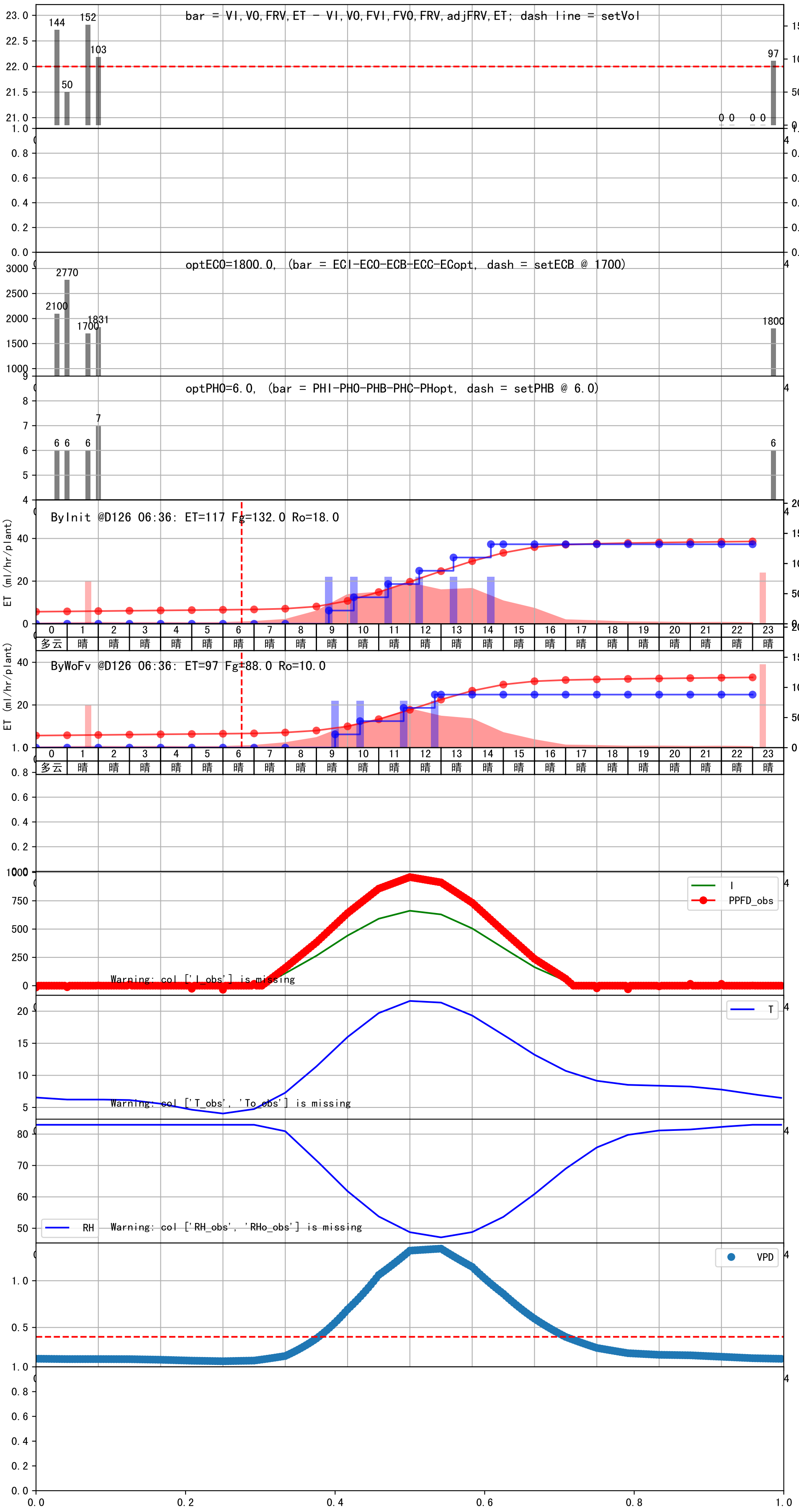


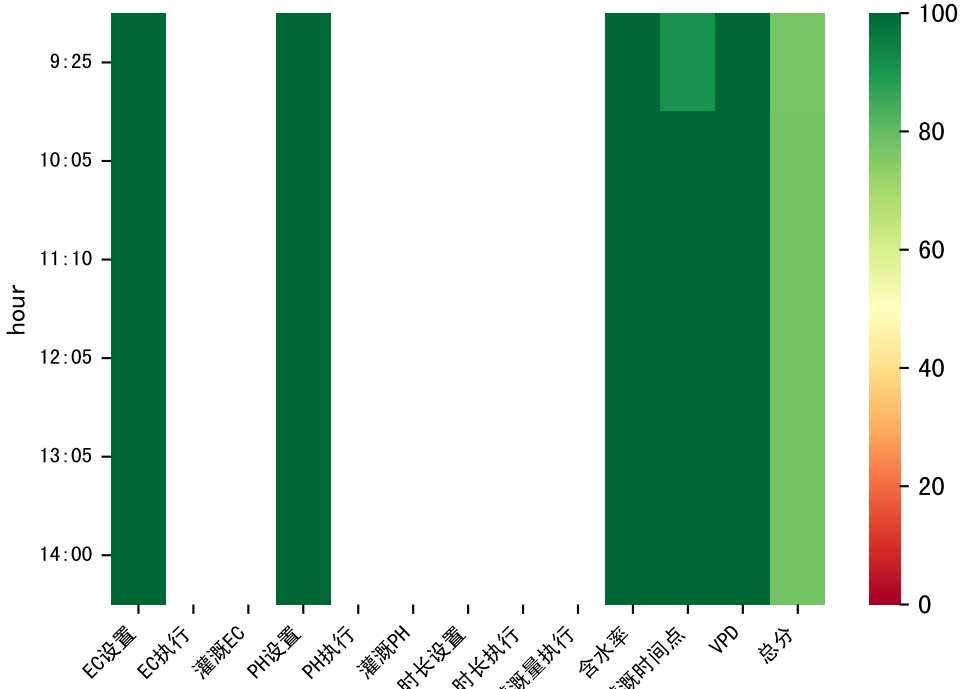



hour
9:35
10:25
11:45
12:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:35	122	22.0	0.485	晴	预期@09:35 自主（未用传感器）
10:25	122	22.0	0.485	晴	预期@10:25 自主（未用传感器）
11:45	122	22.0	0.485	晴	预期@11:45 自主（未用传感器）
12:50	122	22.0	0.485	晴	预期@12:50 自主（未用传感器）
总计	488.0 (4次)	88.0			建议进液EC：1700， PH：6.0

P1_0, Day=126 (2026-01-28)

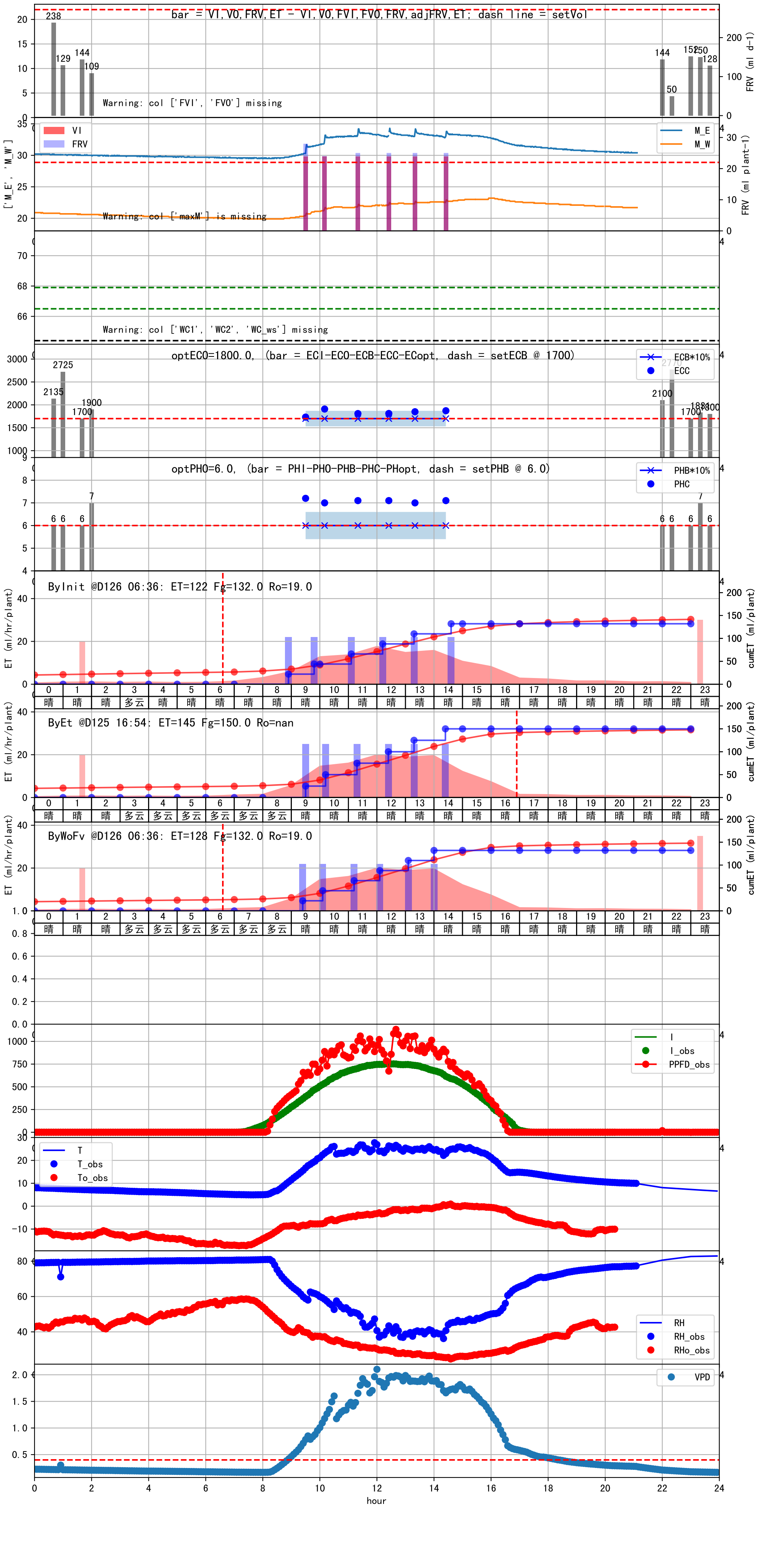


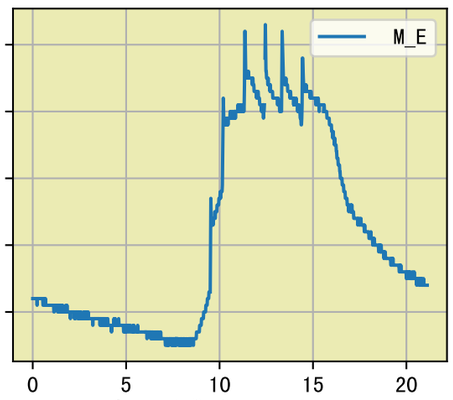

hour
9:25
10:05
11:10
12:05
13:05
14:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

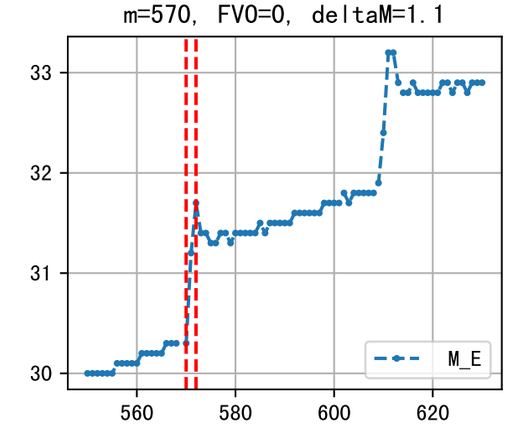
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:25	132	22.0	0.485	晴	假设@09:25 自动（未用传感器）
10:05	132	22.0	0.485	晴	假设@10:05 自动（未用传感器）
11:10	132	22.0	0.485	晴	假设@11:10 自动（未用传感器）
12:05	132	22.0	0.485	晴	假设@12:05 自动（未用传感器）
13:05	132	22.0	0.485	晴	假设@13:05 自动（未用传感器）
14:00	132	22.0	0.485	晴	假设@14:00 自动（未用传感器）
总计	792.0 (6次)	132.0			建议进液EC：1700， PH：6.0

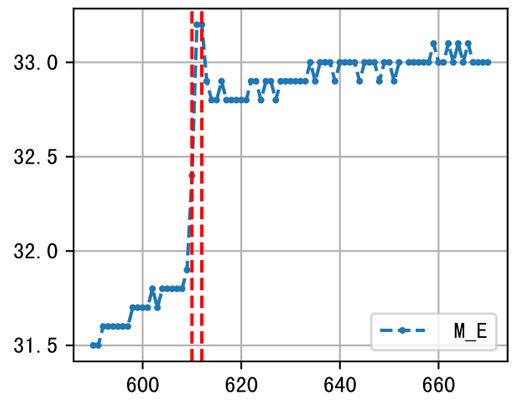
滴头平均流速偏小（0.19 vs def 0.5），请检查
上次灌溉时长(132)与预期(116.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉25.0 ml.

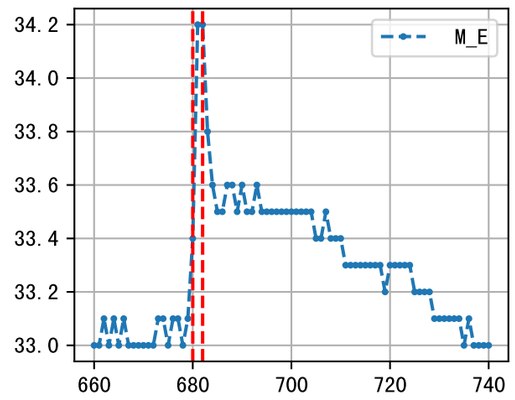
P1_0, Day=125.0 (2026-01-27)

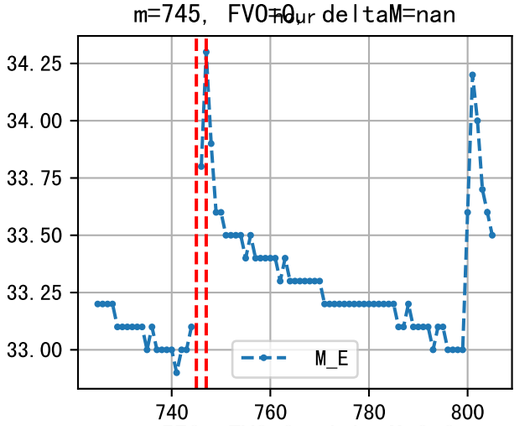


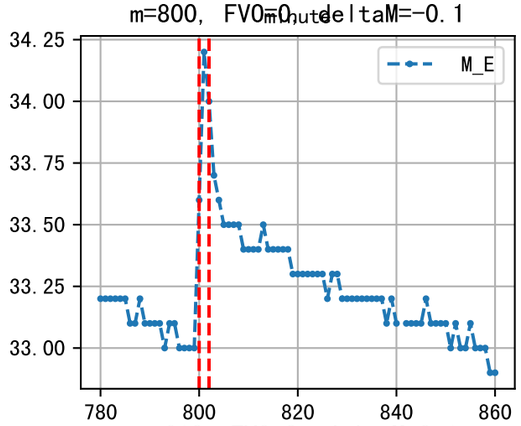

M_E

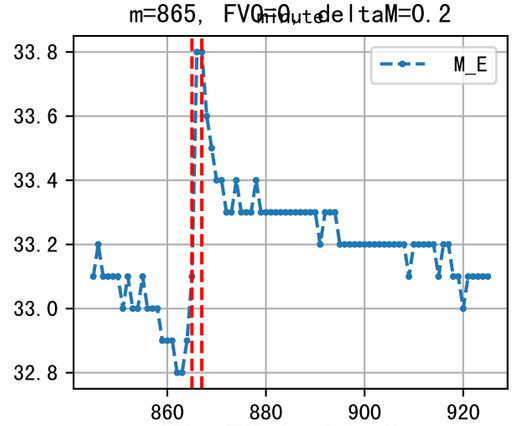

m=570, FV0=0, deltaM=1.1
M_E

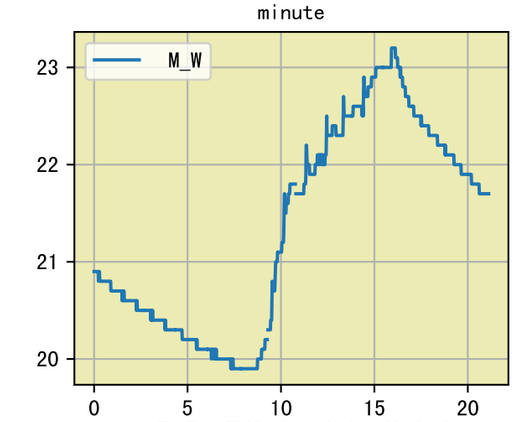

m=610, FV0=0, deltaM=0.4
M_E

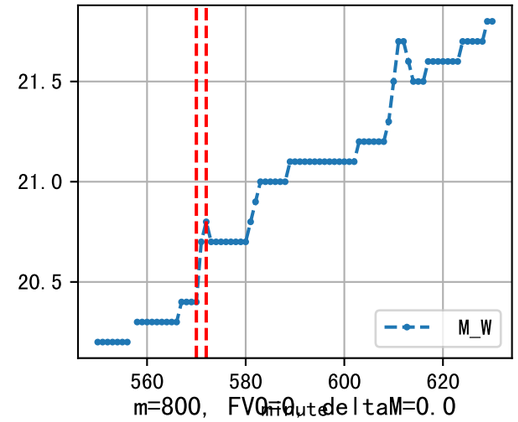

m=680, FV0=0, deltaM=0.2
M_E
minute

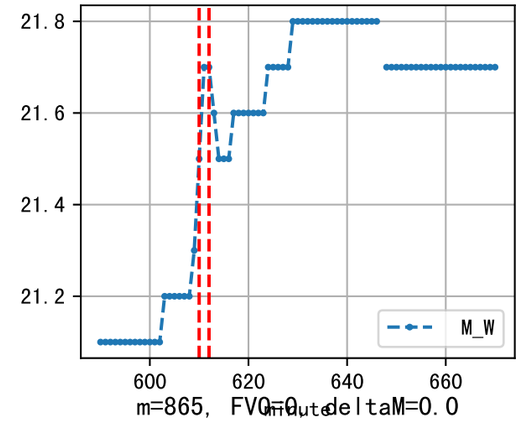

m=745, FV0=0, deltaM=nan
M_E
minute

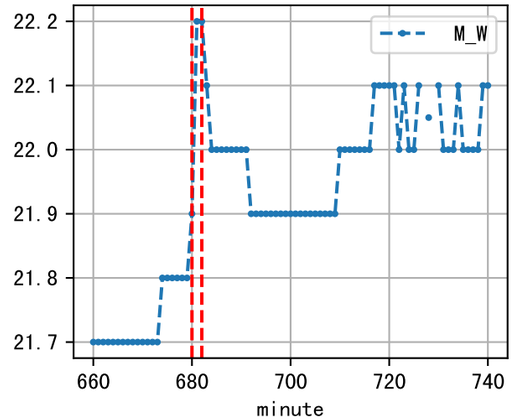

m=800, FV0=0, deltaM=-0.1
M_E
minute

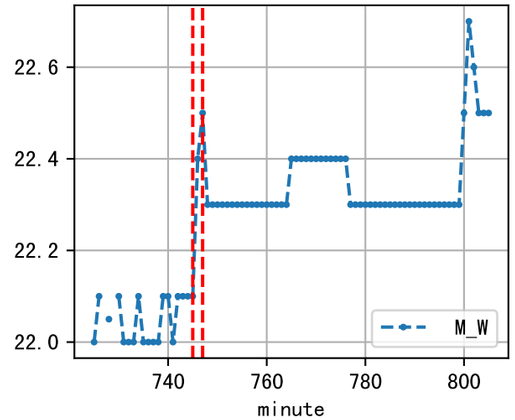

m=865, FV0=0, deltaM=0.2
M_E
minute

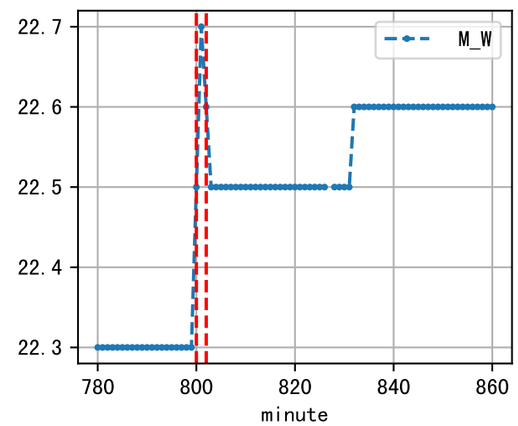

M_W
minute

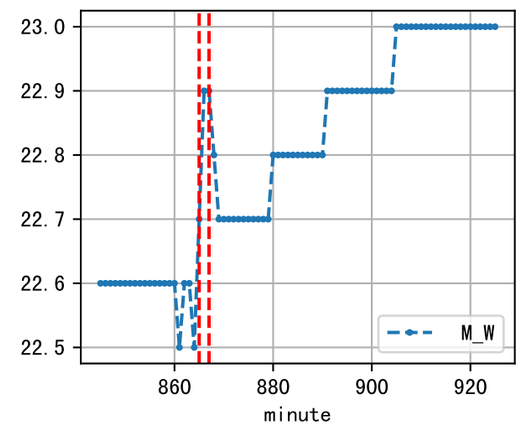

m=570, FV0=0, deltaM=0.3
M_W
minute

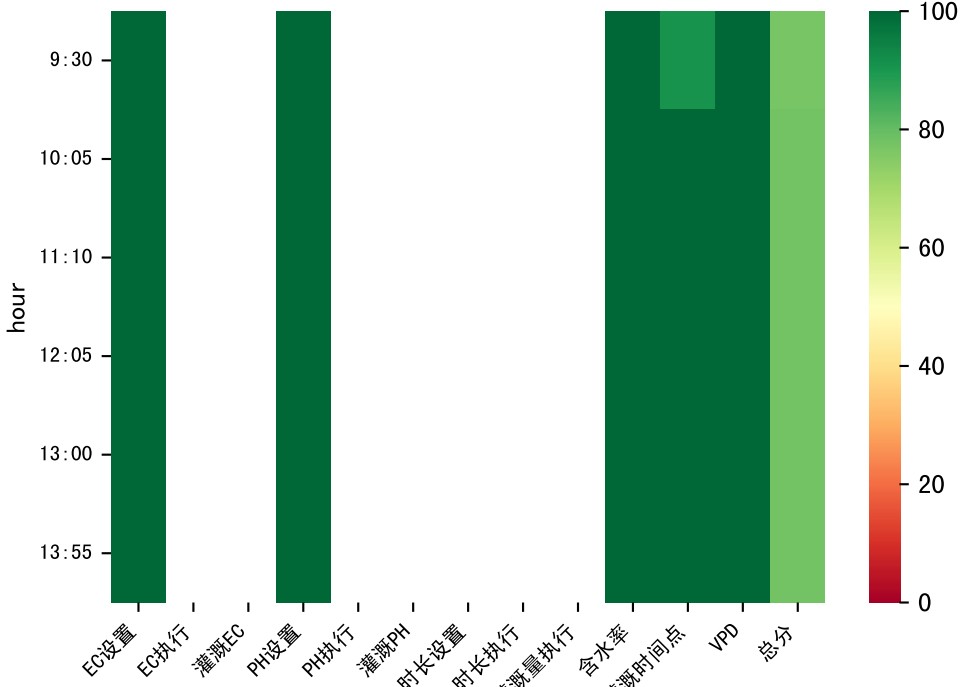

m=610, FV0=0, deltaM=0.1
M_W
minute


m=680, FV0=0, deltaM=0.1
M_W
minute


m=745, FV0=0, deltaM=0.2
M_W
minute


m=800, FV0=0, deltaM=0.0
M_W
minute

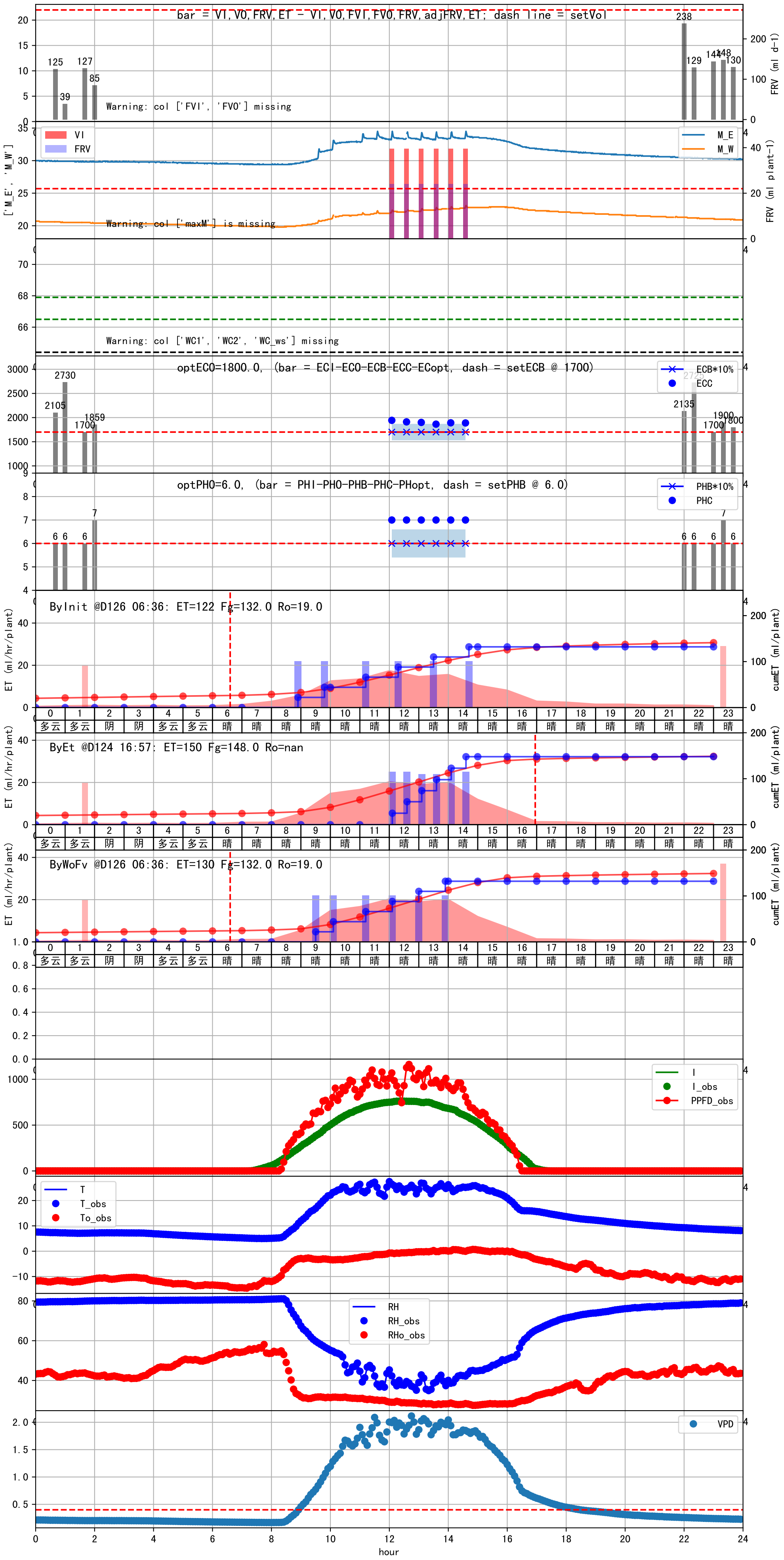

m=865, FV0=0, deltaM=0.0
M_W
minute

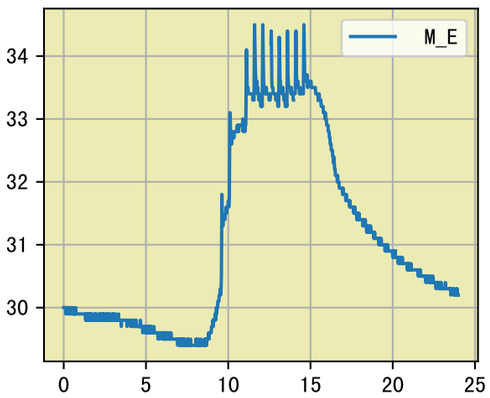

hour
9:30
10:05
11:10
12:05
13:00
13:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

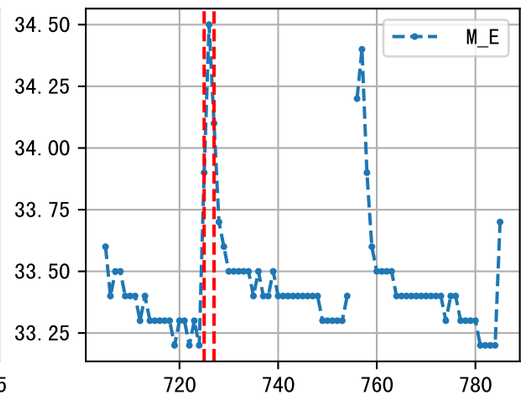
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:30	131	22.0	0.485	晴	假设@09:30 自动（未用传感器）
10:05	131	22.0	0.485	晴	假设@10:05 自动（未用传感器）
11:10	131	22.0	0.485	晴	假设@11:10 自动（未用传感器）
12:05	131	22.0	0.485	晴	假设@12:05 自动（未用传感器）
13:00	131	22.0	0.485	晴	假设@13:00 自动（未用传感器）
13:55	131	22.0	0.485	晴	假设@13:55 自动（未用传感器）
总计	786.0 (6次)	132.0			建议进液EC：1700， PH：6.0

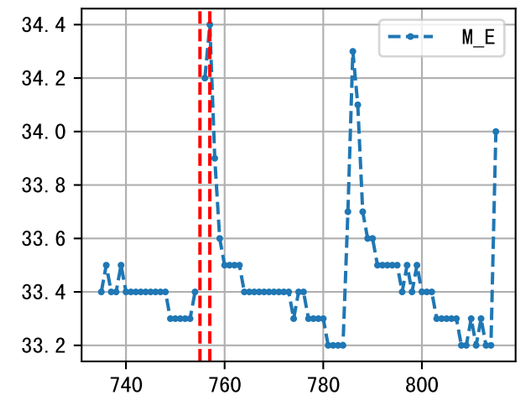
滴头平均流速偏小（0.19 vs def 0.5），请检查
上次灌溉时长(129)与预期(116.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉25.0 ml.

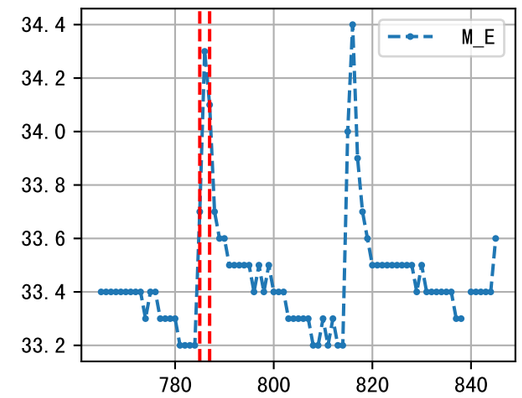
P1_0, Day=124.0 (2026-01-26)

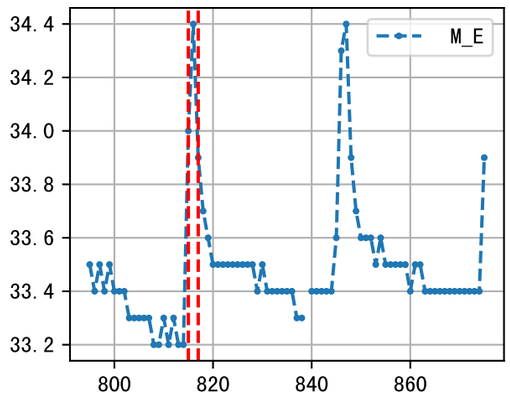


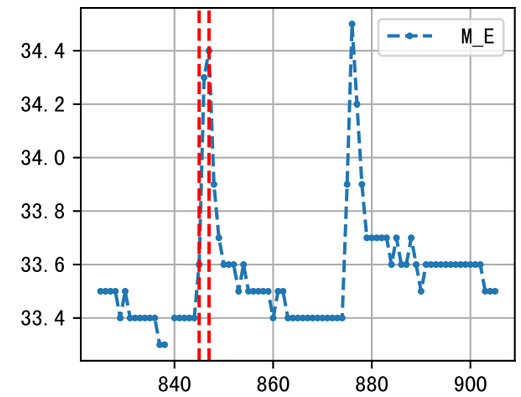

M_E
hour

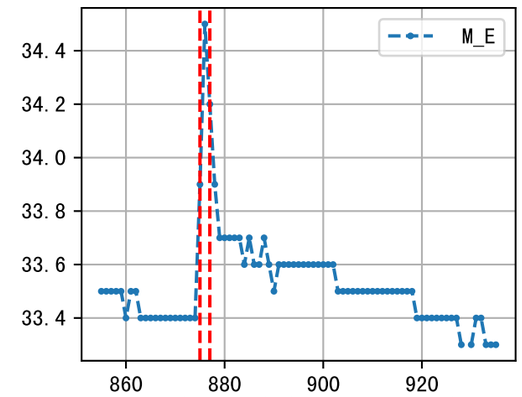

m=725, FV0=0, deltaM=-0.4
M_E
minute

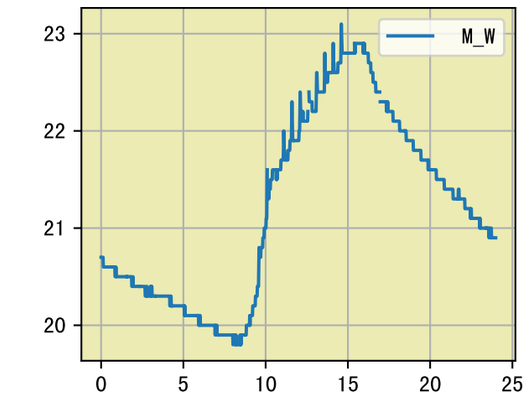

m=755, FV0=0, deltaM=nan
M_E
minute

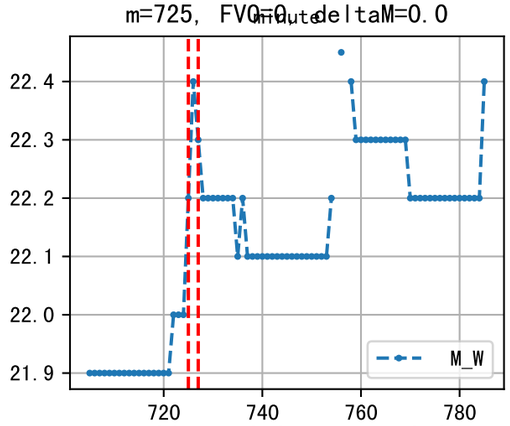

m=785, FV0=0, deltaM=-0.2
M_E
minute

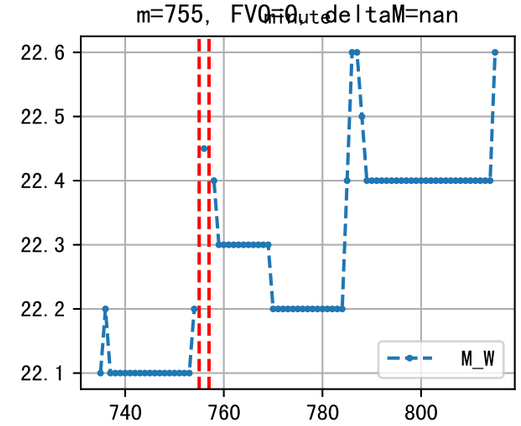

m=815, FV0=0, deltaM=-0.5
M_E
minute

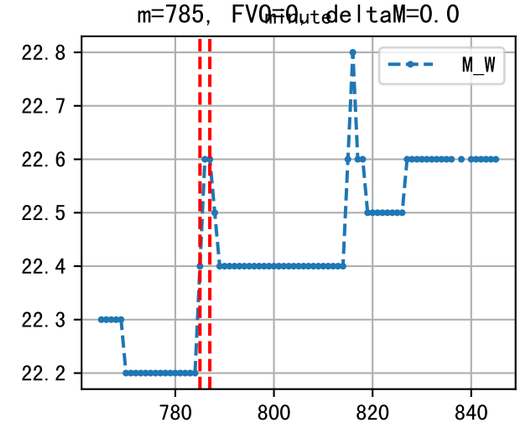

m=845, FV0=0, deltaM=-0.1
M_E
minute

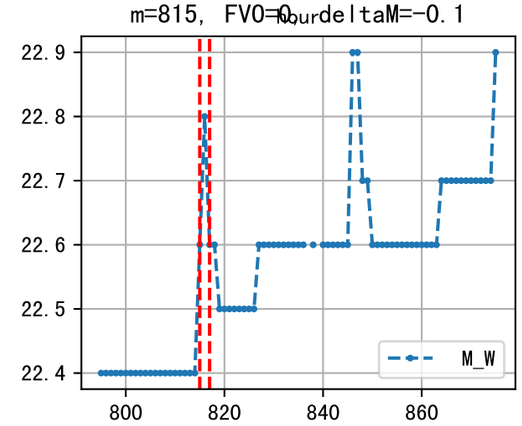

m=875, FV0=0, deltaM=-0.2
M_E
minute

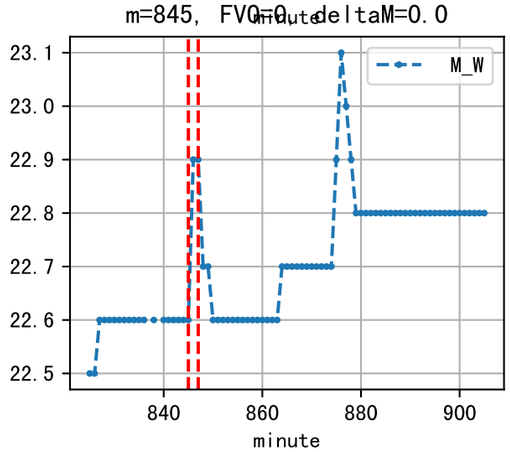

m=815, FV0=0, deltaM=-0.1
M_W
hour

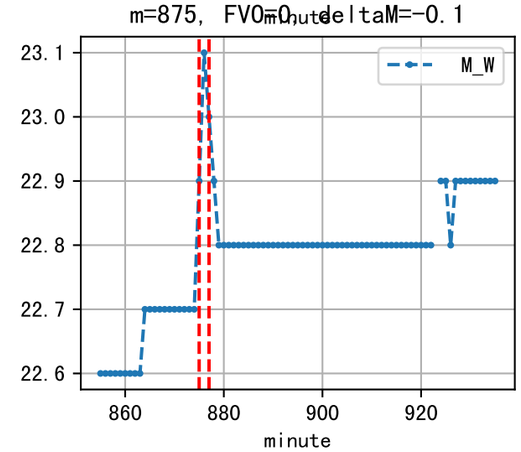

m=725, FV0=0, deltaM=0.0
M_W
minute

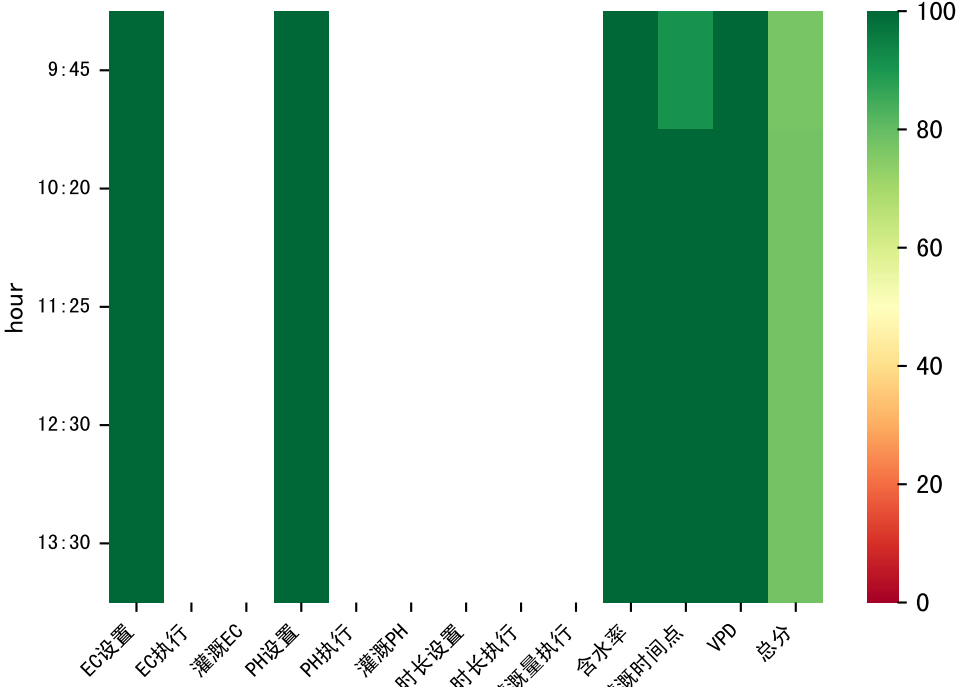

m=755, FV0=0, deltaM=nan
M_W
minute


m=785, FV0=0, deltaM=0.0
M_W
minute


M_W
minute


m=845, FV0=0, deltaM=0.0
M_W
minute

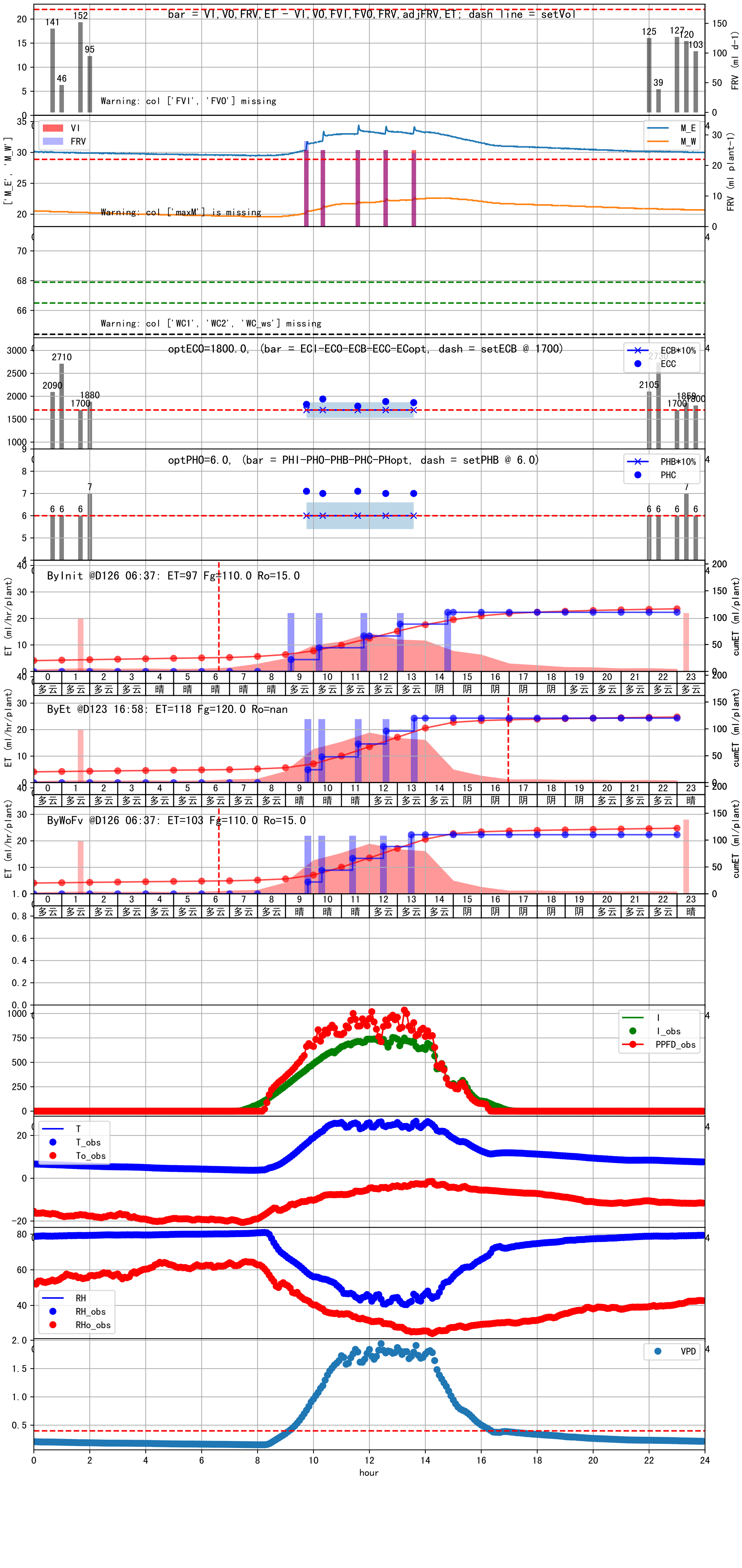

m=875, FV0=0, deltaM=-0.1
M_W
minute

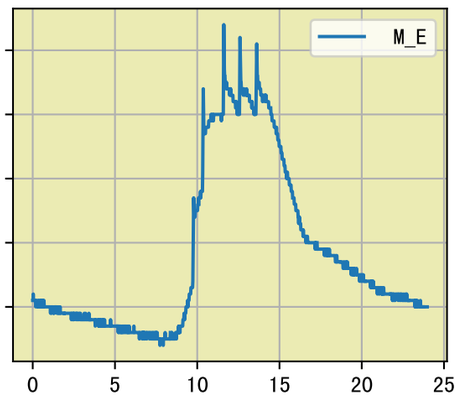

hour
9:45
10:20
11:25
12:30
13:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

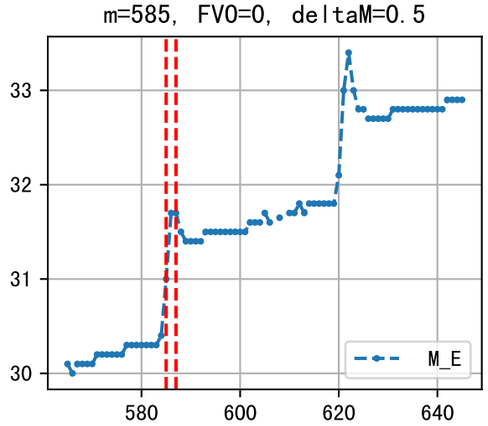
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:45	133	22.0	0.485	晴	假设@09:45 自动（未用传感器）
10:20	133	22.0	0.485	晴	假设@10:20 自动（未用传感器）
11:25	133	22.0	0.485	晴	假设@11:25 自动（未用传感器）
12:30	133	22.0	0.485	多云	假设@12:30 自动（未用传感器）
13:30	133	22.0	0.485	多云	假设@13:30 自动（未用传感器）
总计	665.0 (5次)	110.0			建议进液EC：1700， PH：6.0

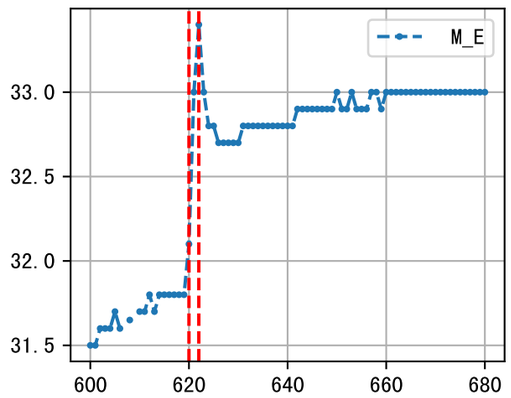
滴头平均流速偏小（0.19 vs def 0.5），请检查
默认实际灌溉24.0 ml.

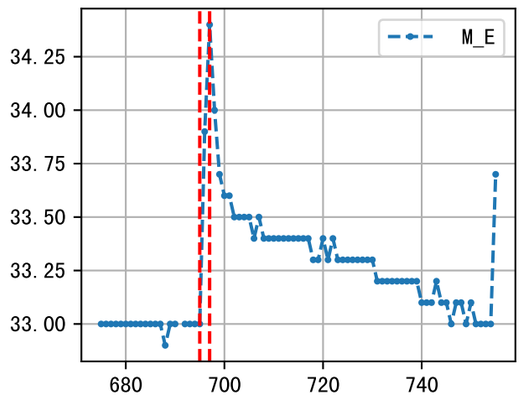
P1_0, Day=123.0 (2026-01-25)

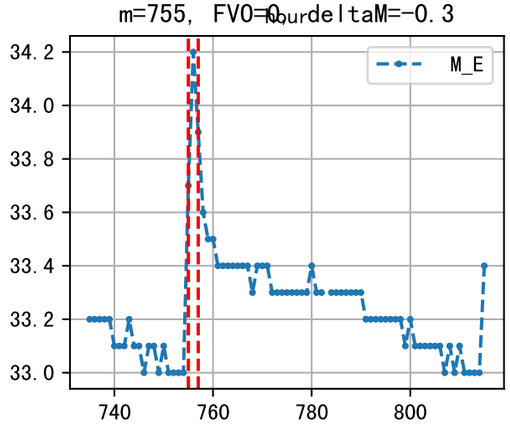


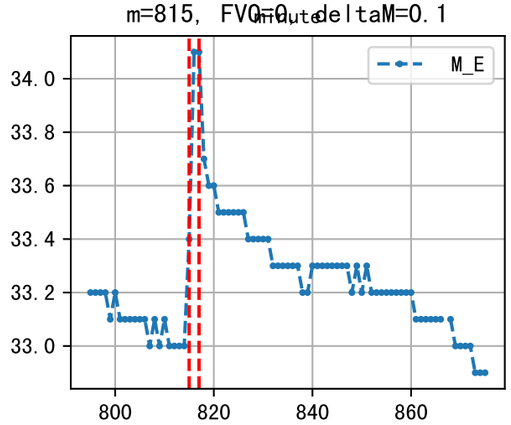

M_E
34
33
32
31
30
0
5
10
15
20
25
hour

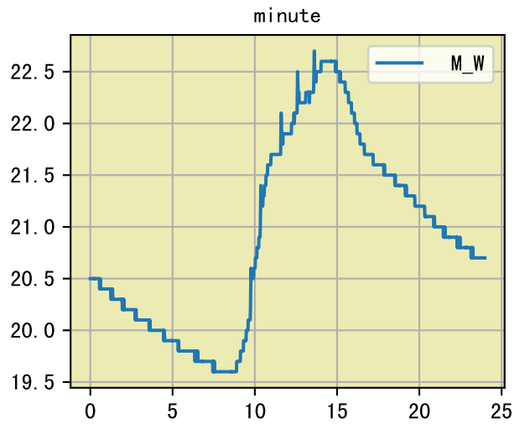

m=585, FVO=0, deltaM=0.5
M_E
33
32
31
30
580
600
620
640
minute

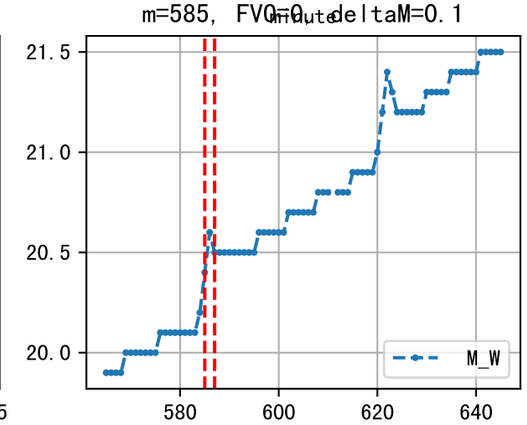

m=620, FVO=0, deltaM=0.6
M_E
33.0
32.5
32.0
31.5
600
620
640
660
680
minute

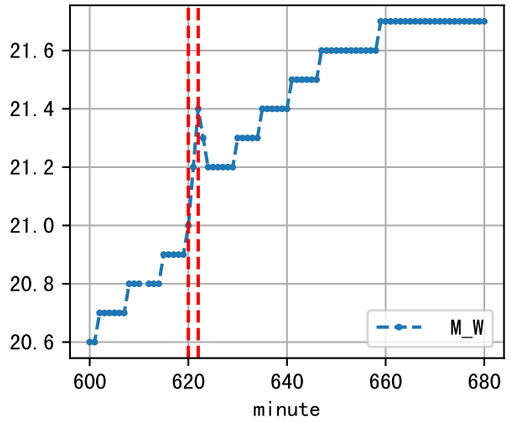

m=695, FVO=0, deltaM=0.5
M_E
34.25
34.00
33.75
33.50
33.25
33.00
680
700
720
740
minute

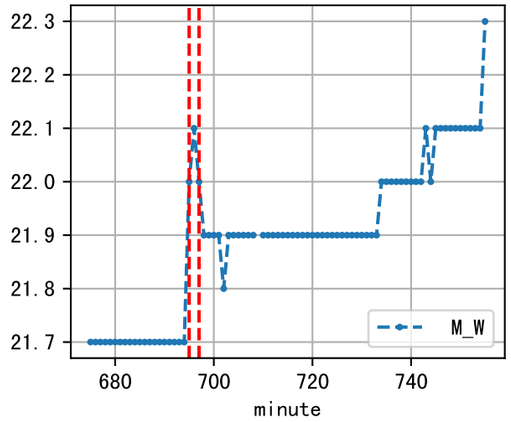

m=755, FVO=0, deltaM=-0.3
M_E
34.2
34.0
33.8
33.6
33.4
33.2
33.0
740
760
780
800
minute

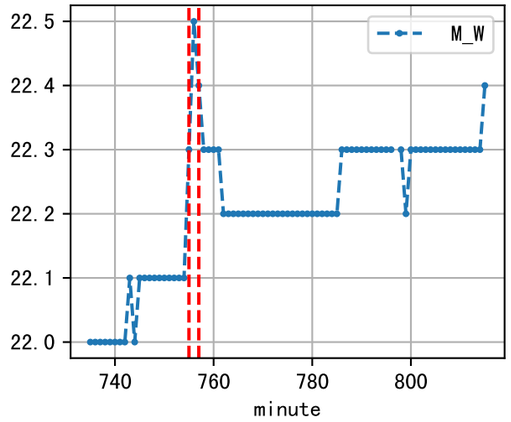

m=815, FVO=0, deltaM=0.1
M_E
34.0
33.8
33.6
33.4
33.2
33.0
800
820
840
860
minute

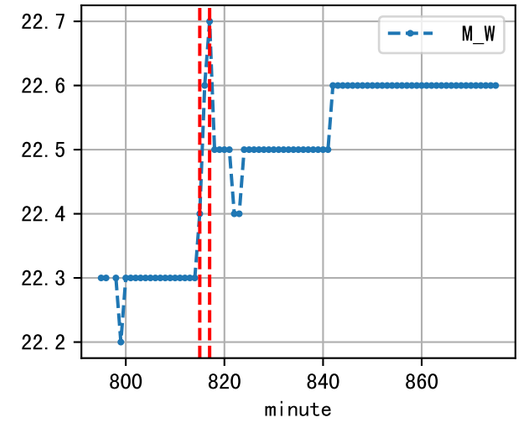

m=585, FVO=0, deltaM=0.1
M_W
22.5
22.0
21.5
21.0
20.5
20.0
19.5
0
5
10
15
20
25
hour

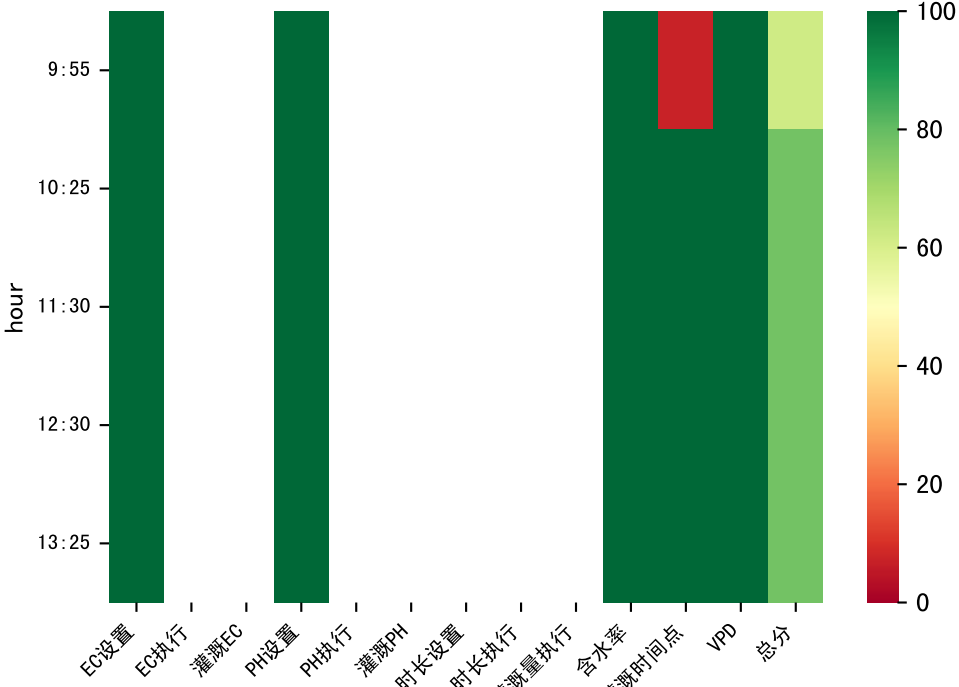

m=585, FVO=0, deltaM=0.1
M_W
21.5
21.0
20.5
20.0
580
600
620
640
minute


m=620, FVO=0, deltaM=0.2
M_W
21.6
21.4
21.2
21.0
20.8
20.6
600
620
640
660
680
minute


m=695, FVO=0, deltaM=-0.1
M_W
22.3
22.2
22.1
22.0
21.9
21.8
21.7
680
700
720
740
minute


m=755, FVO=0, deltaM=-0.1
M_W
22.5
22.4
22.3
22.2
22.1
22.0
740
760
780
800
minute

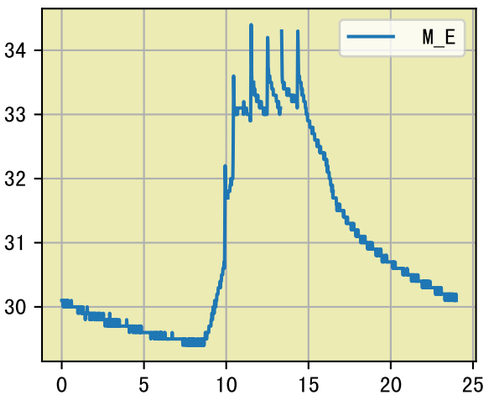

m=815, FVO=0, deltaM=0.0
M_W
22.7
22.6
22.5
22.4
22.3
22.2
800
820
840
860
minute

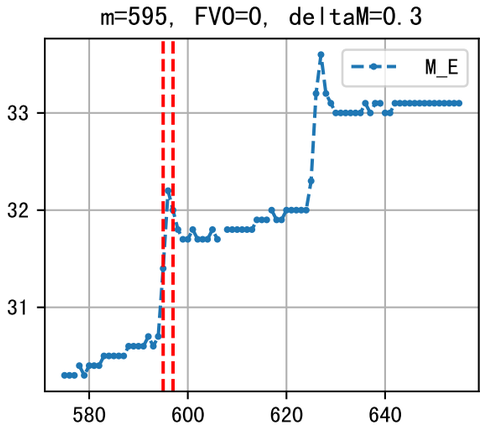

hour
9:55
10:25
11:30
12:30
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

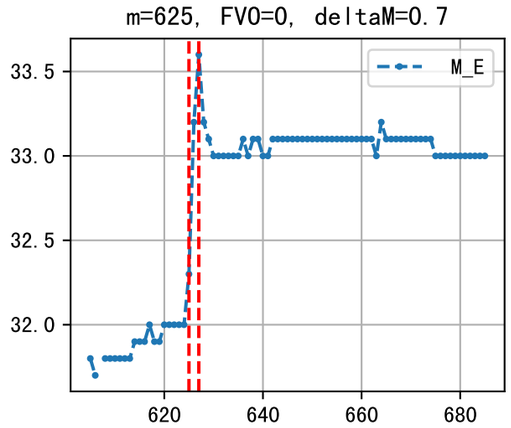
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:55	131	22.0	0.485	多云	假设@09:55 自动（未用传感器）
10:25	131	22.0	0.485	晴	假设@10:25 自动（未用传感器）
11:30	131	22.0	0.485	晴	假设@11:30 自动（未用传感器）
12:30	131	22.0	0.485	晴	假设@12:30 自动（未用传感器）
13:25	131	22.0	0.485	晴	假设@13:25 自动（未用传感器）
总计	655.0 (5次)	110.0			建议进液EC：1700， PH：6.0

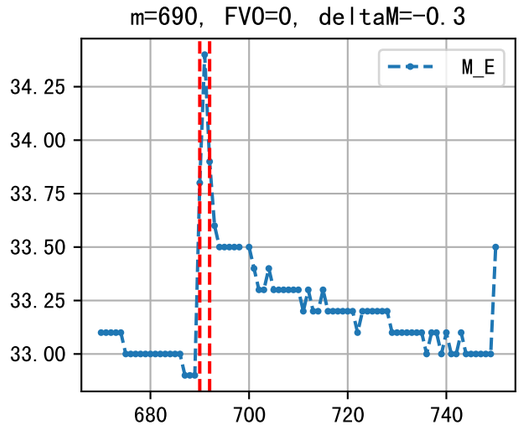
滴头平均流速偏小（0.19 vs def 0.5），请检查
默认实际灌溉23.0 ml.

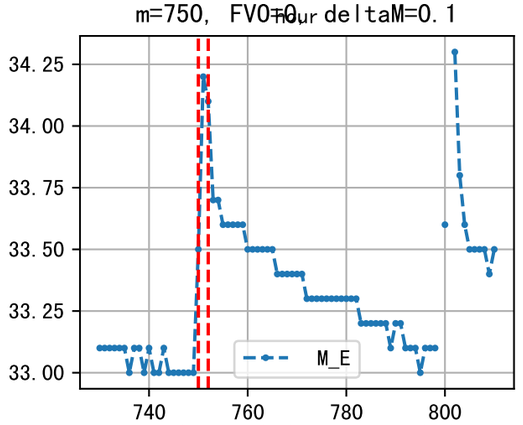
P1_0, Day=122.0 (2026-01-24)

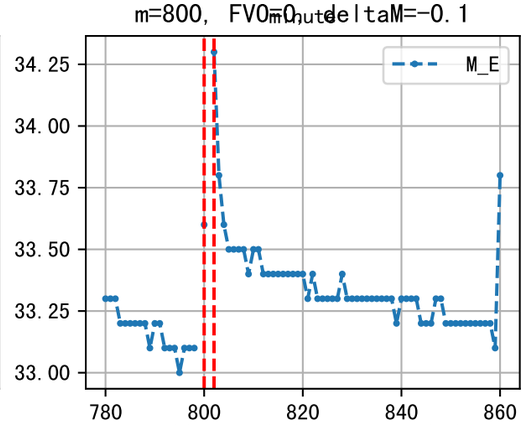

M_E

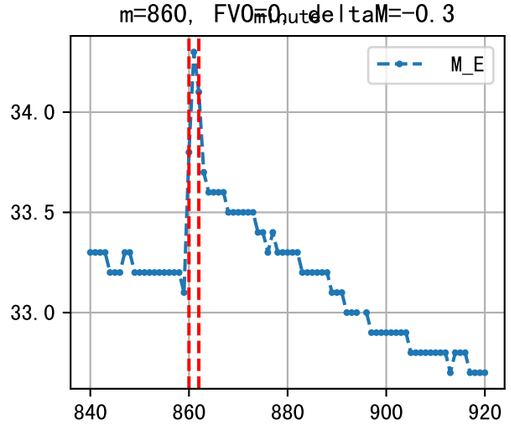

m=595, FVO=0, deltaM=0.3
M_E
minute

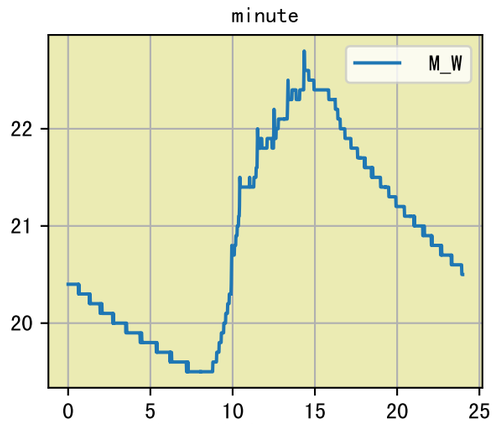

m=625, FVO=0, deltaM=0.7
M_E
minute

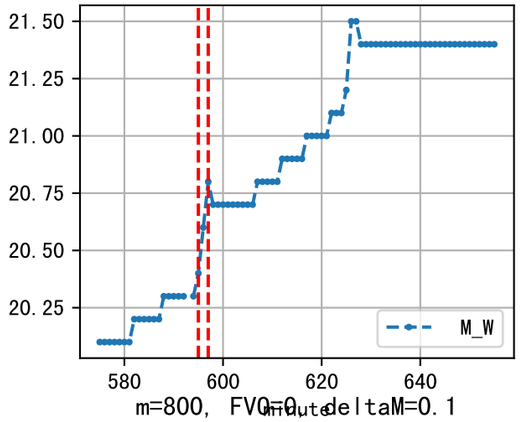

m=690, FVO=0, deltaM=-0.3
M_E
minute

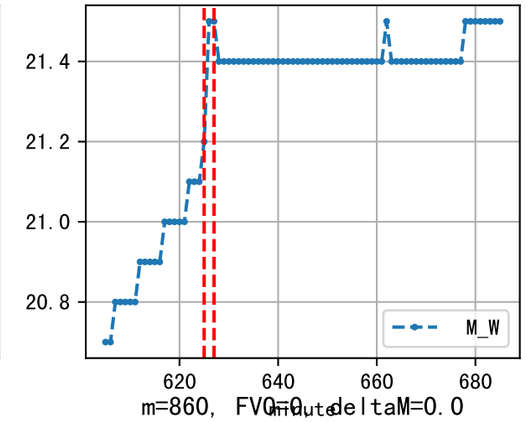

m=750, FVO=0, deltaM=0.1
M_E
minute

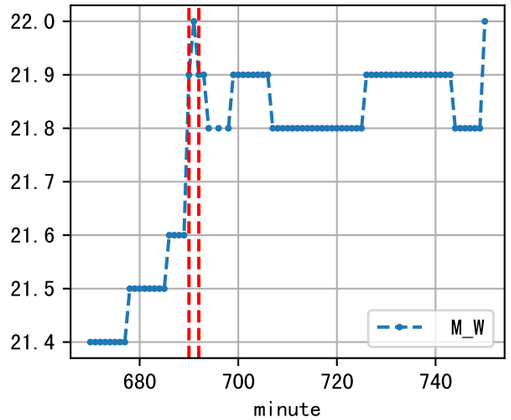

m=800, FVO=0, deltaM=-0.1
M_E
minute

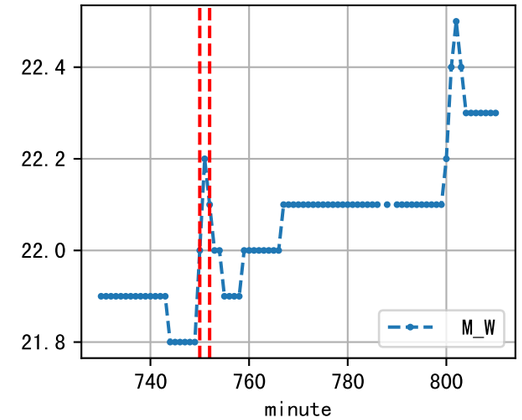

m=860, FVO=0, deltaM=-0.3
M_E
minute

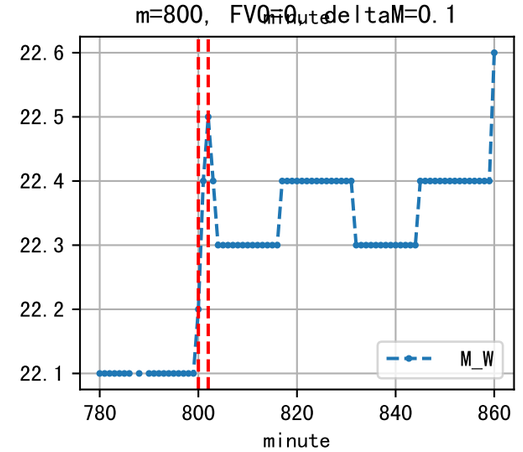

M_W
hour

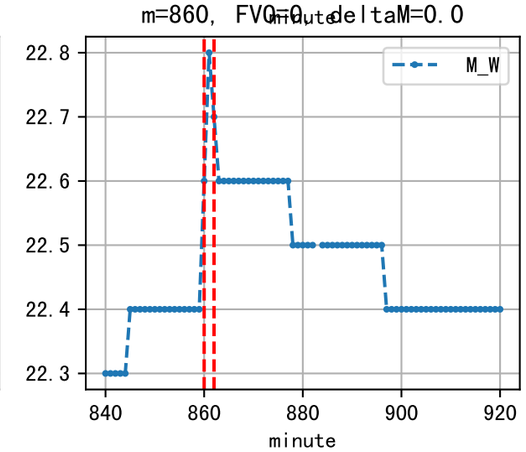

m=595, FVO=0, deltaM=0.3
M_W
minute


m=625, FVO=0, deltaM=0.2
M_W
minute


m=690, FVO=0, deltaM=-0.1
M_W
minute


m=750, FVO=0, deltaM=-0.1
M_W
minute


m=800, FVO=0, deltaM=0.1
M_W
minute


m=860, FVO=0, deltaM=0.0
M_W
minute