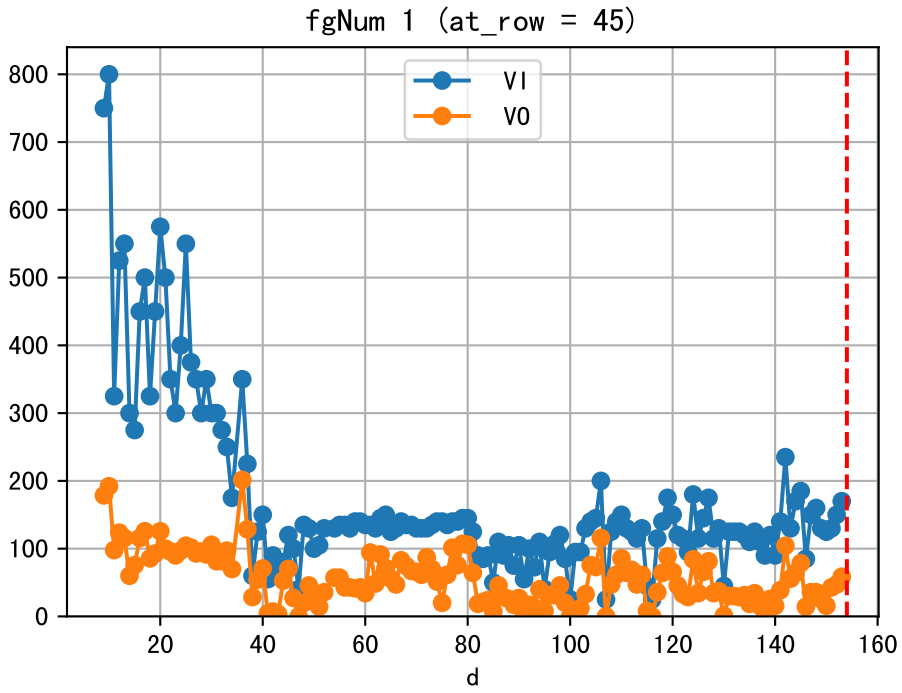
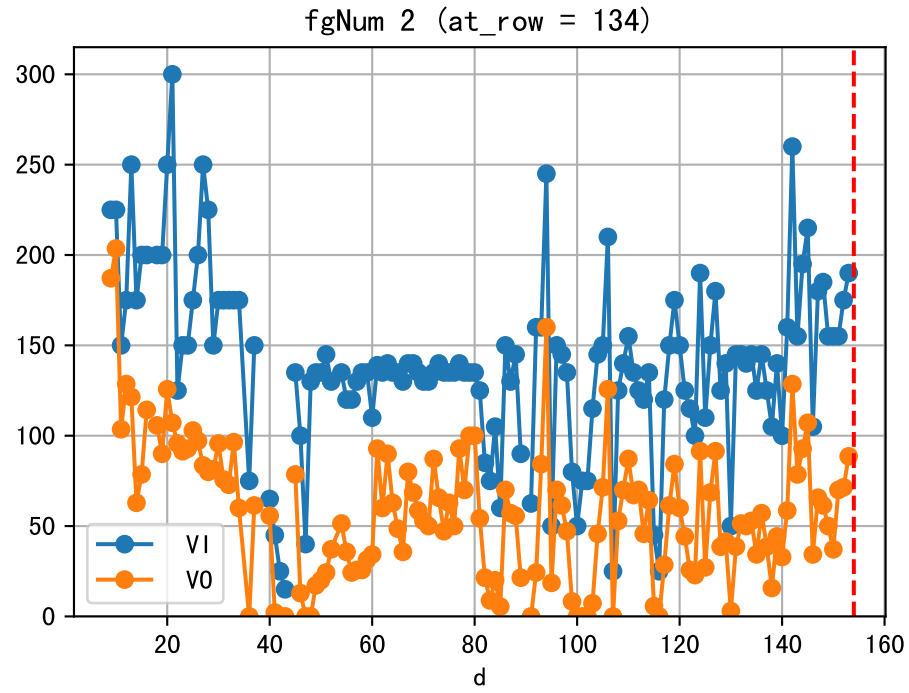
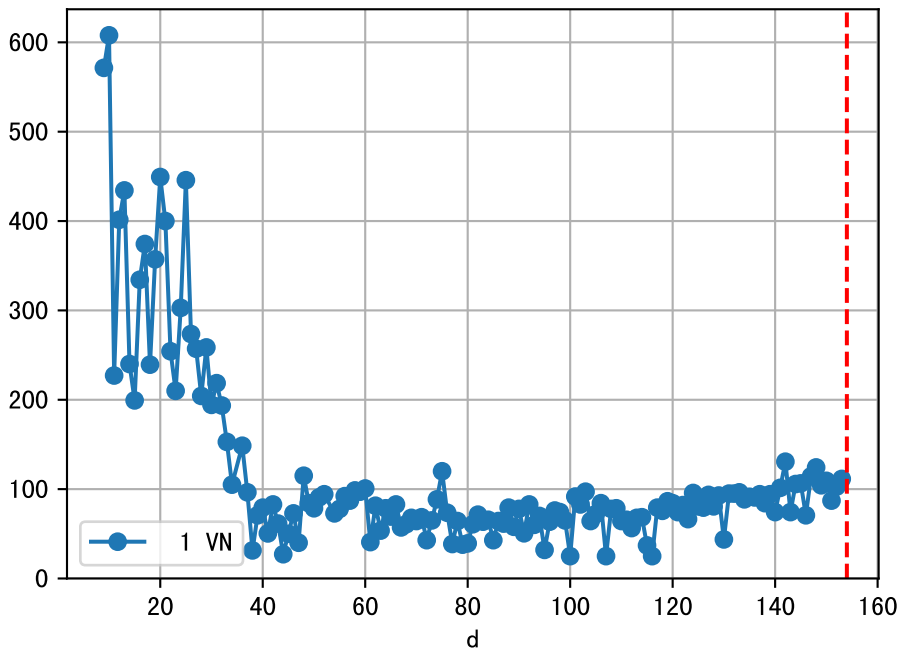
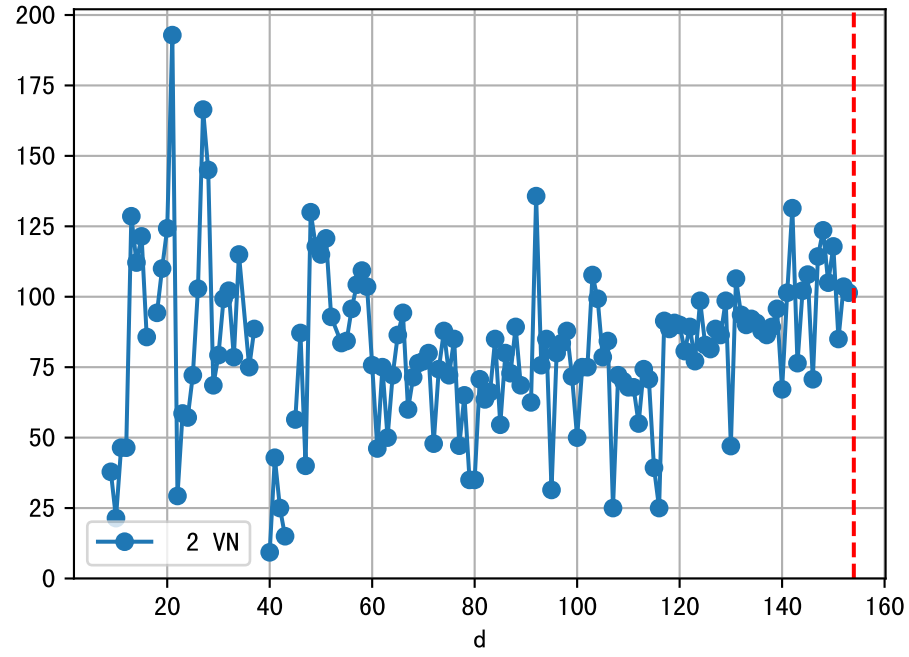
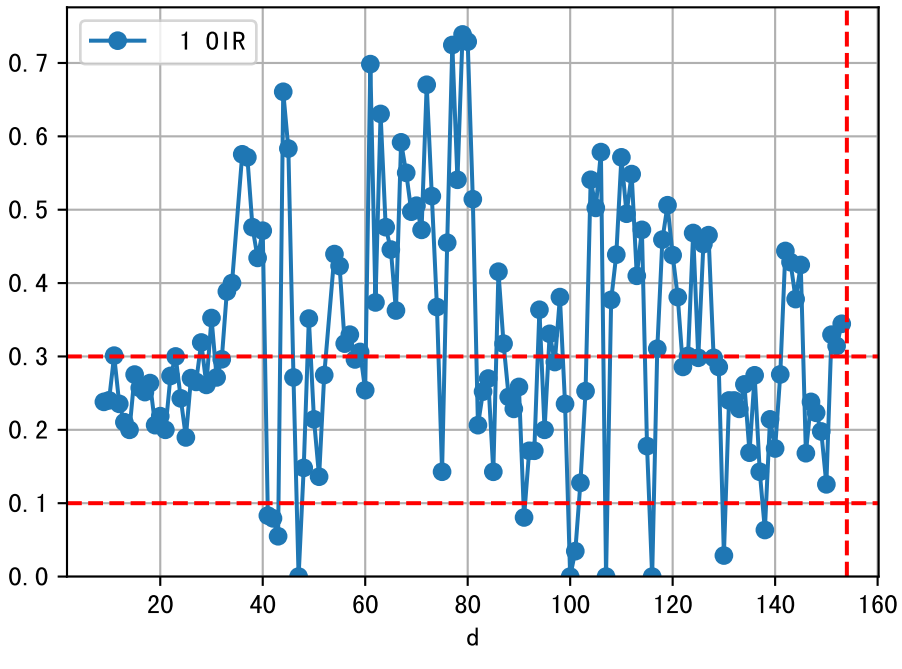
FgArea: ['0']
NC11 P2
2026-02-25 (Day 154)

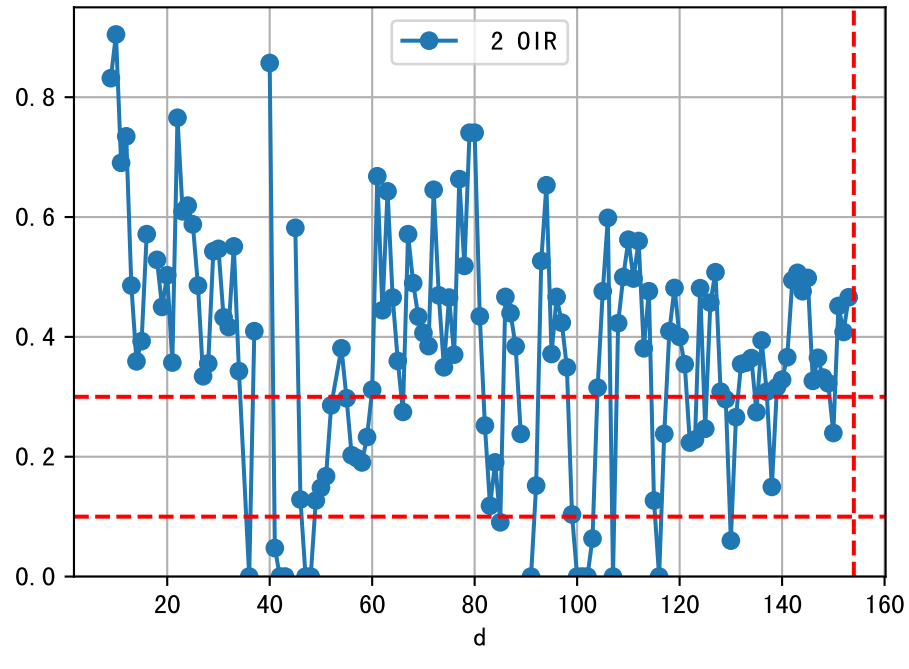

fgNum 1 (at_row = 45)
VI
VO
d

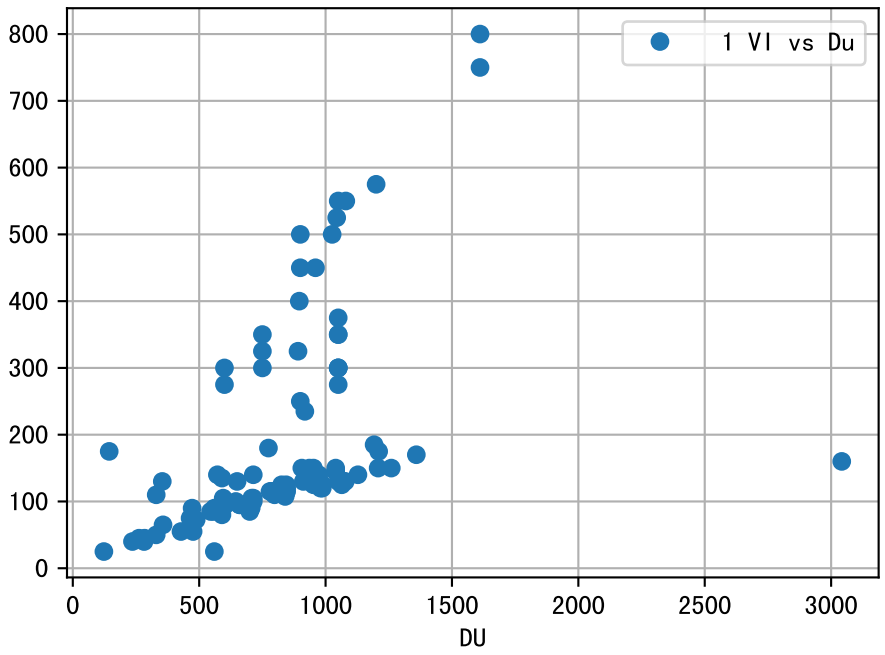

fgNum 2 (at_row = 134)
VI
VO
d

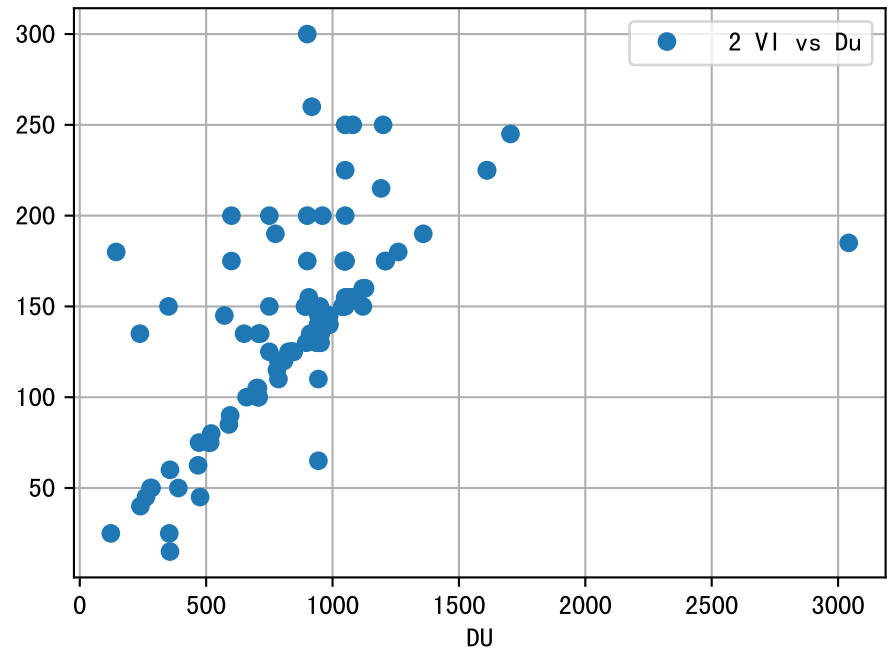

1 VN
d

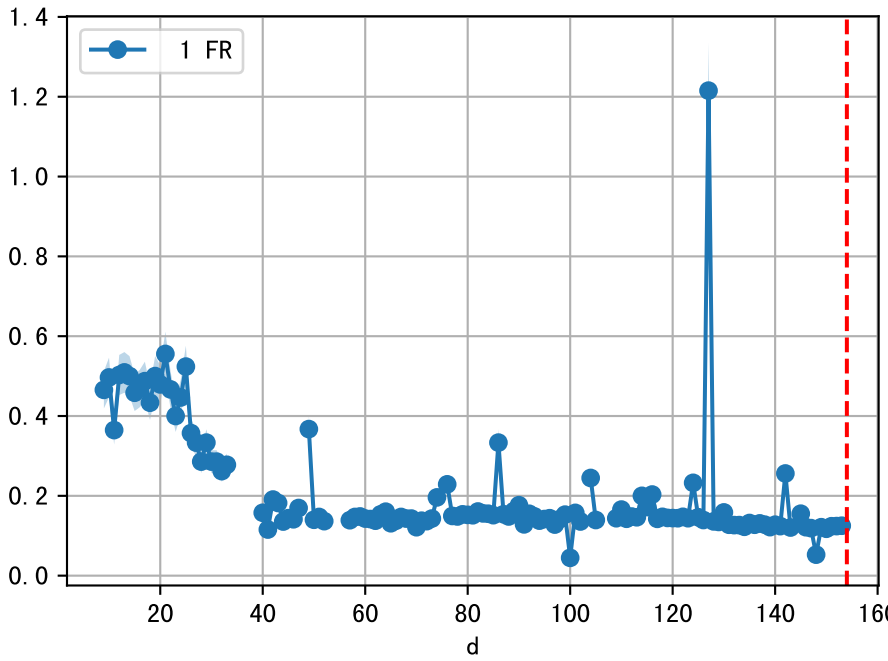

2 VN
d

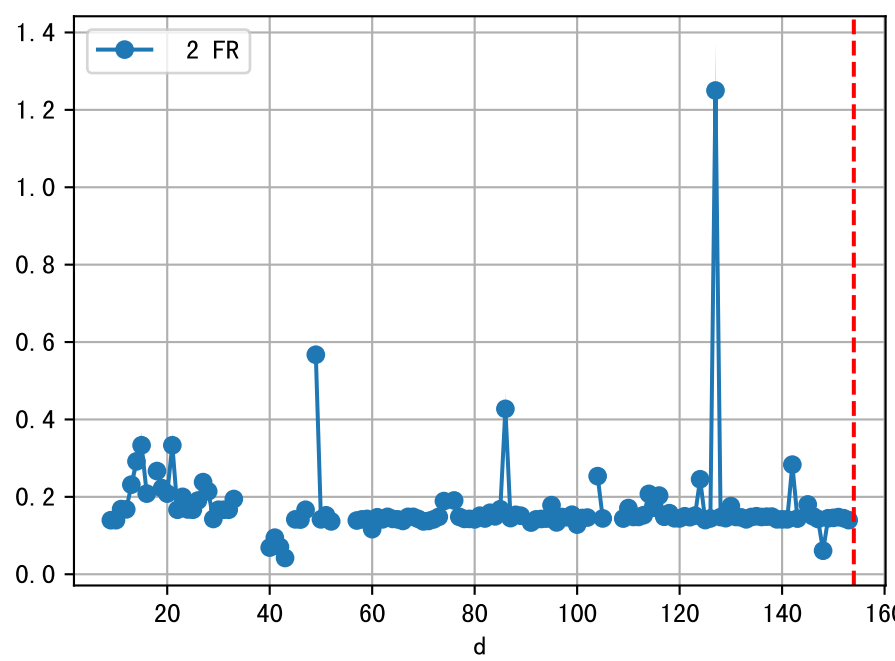

1 OIR
d

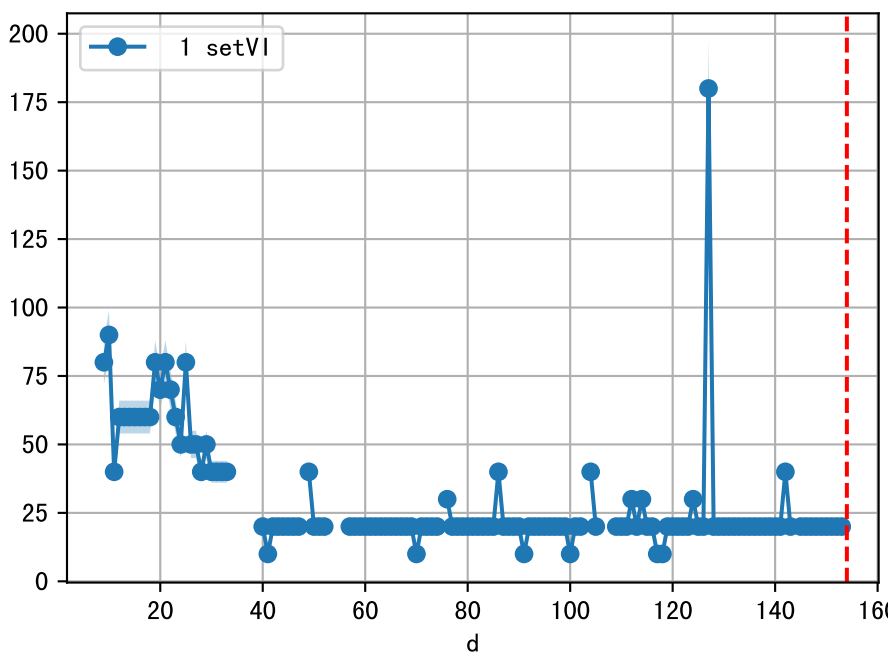

2 OIR
d

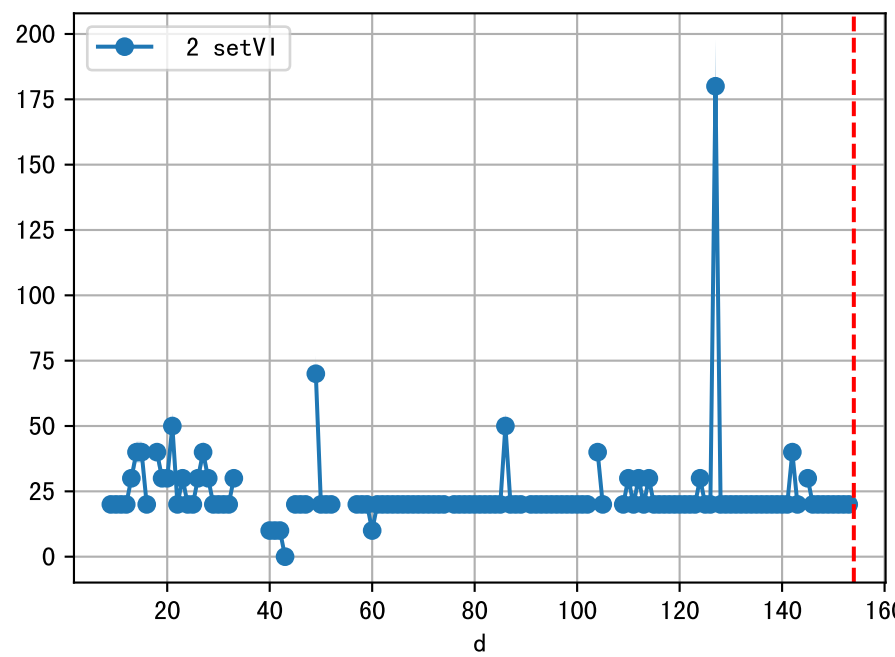

1 VI vs Du
DU

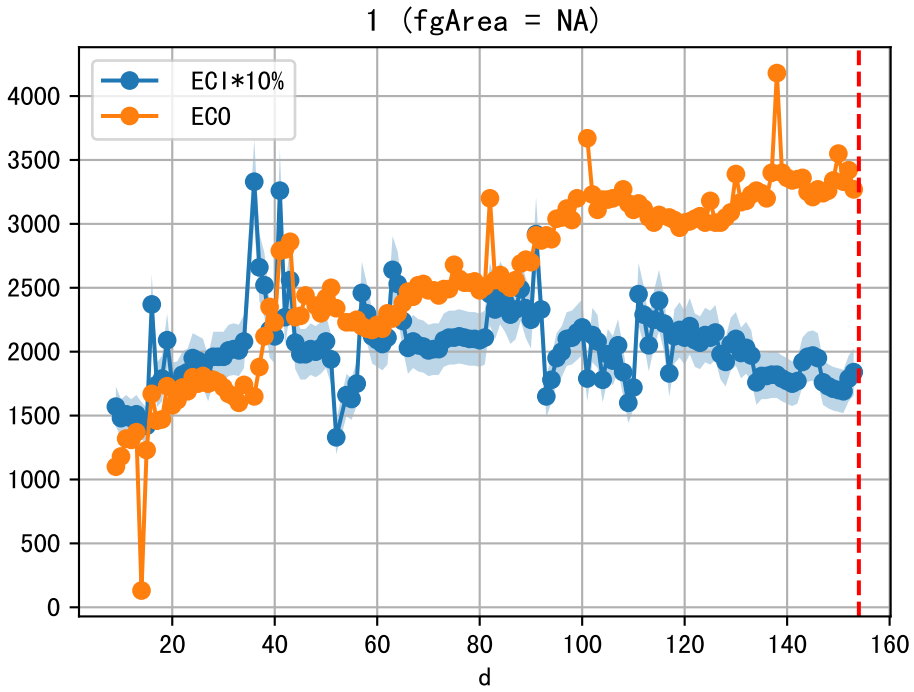

2 VI vs Du
DU

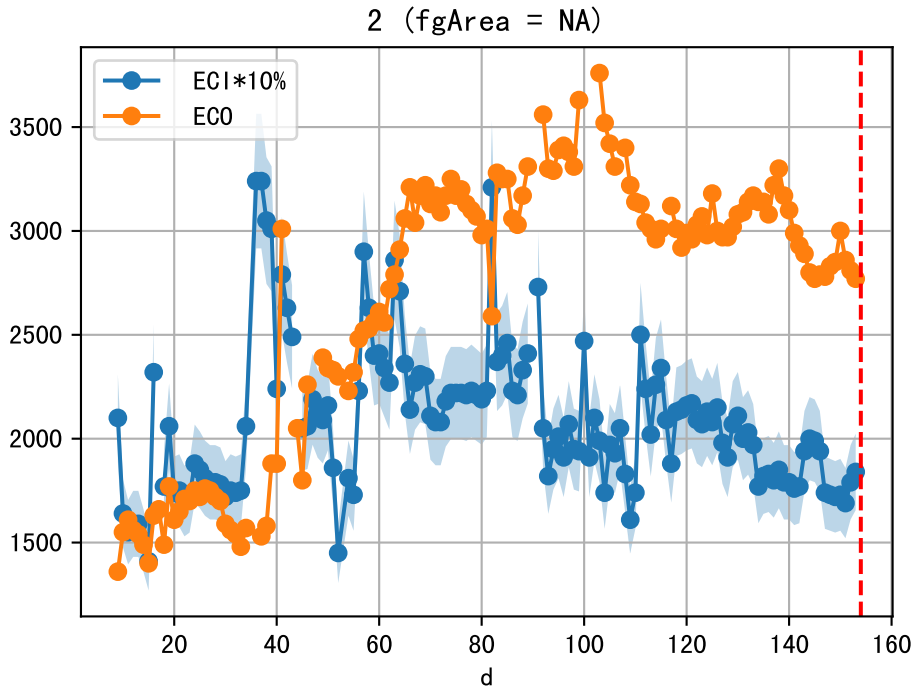

1 FR
d

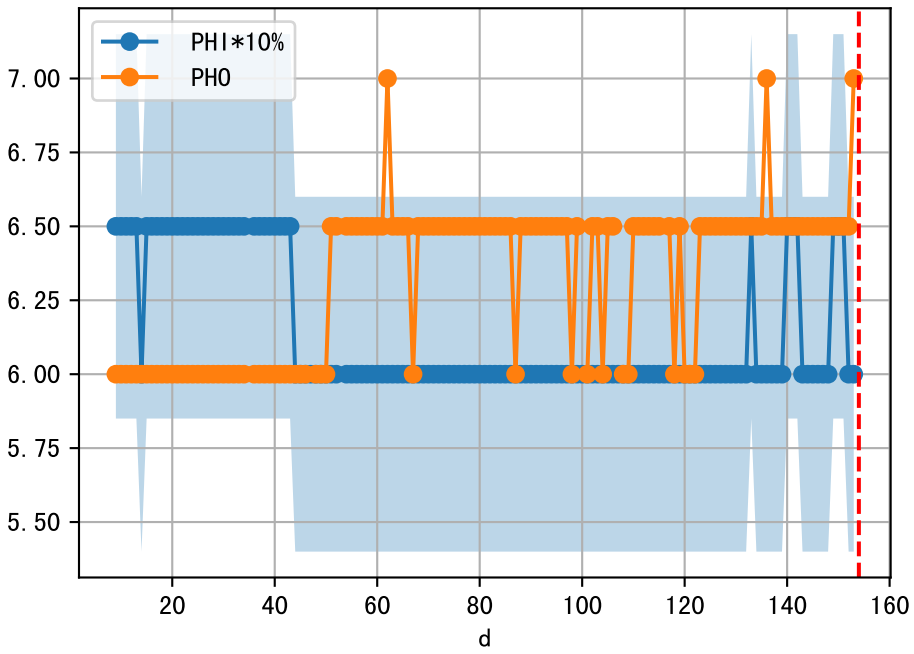

2 FR
d

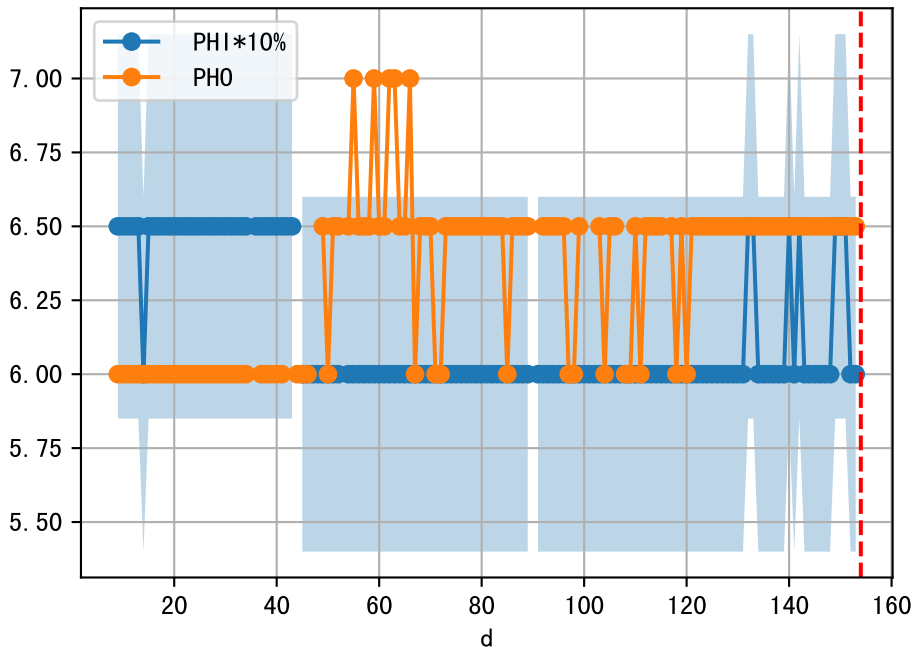

1 setVI
d

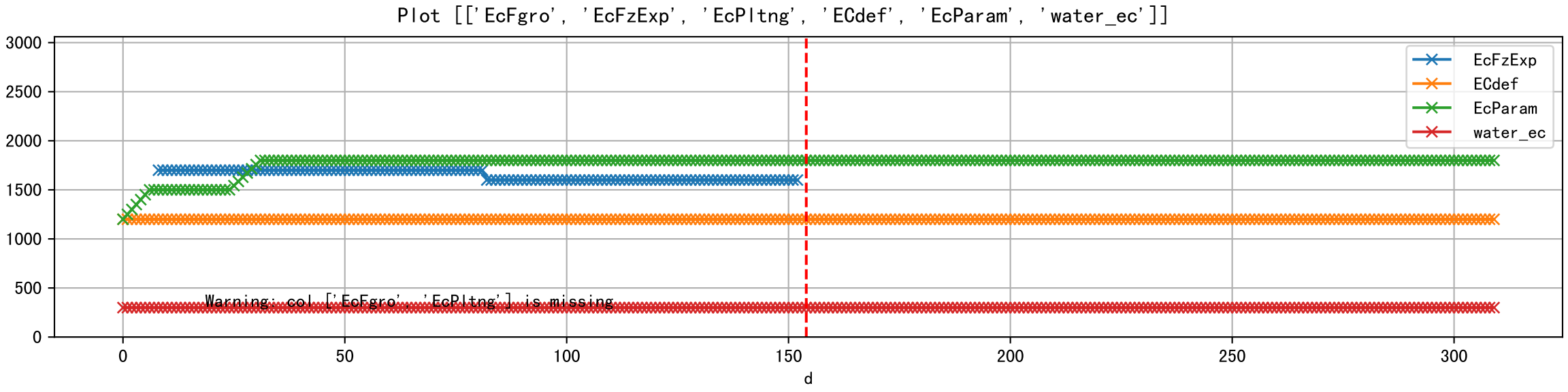

2 setVI
d

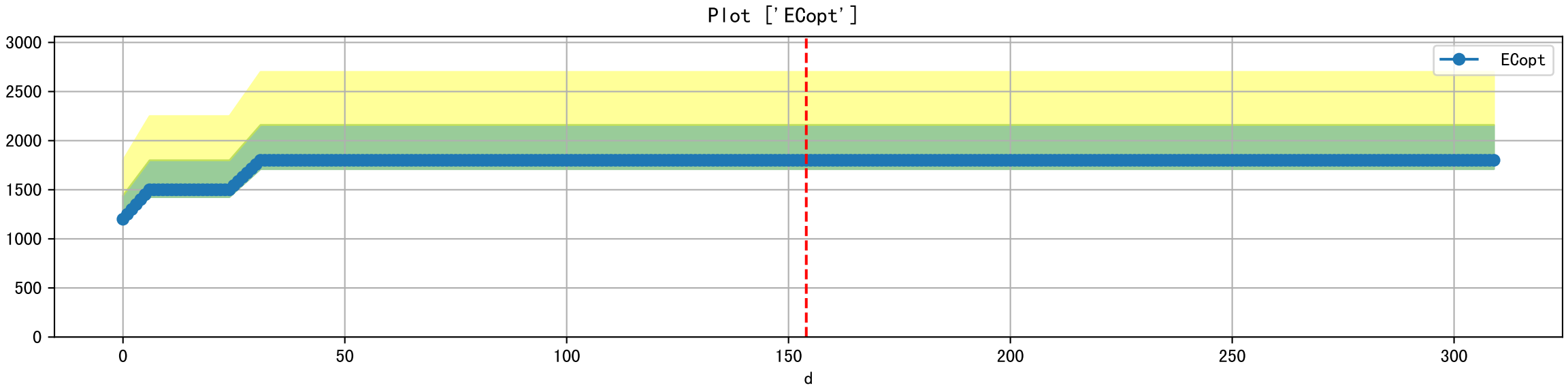

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
120
140
160
d

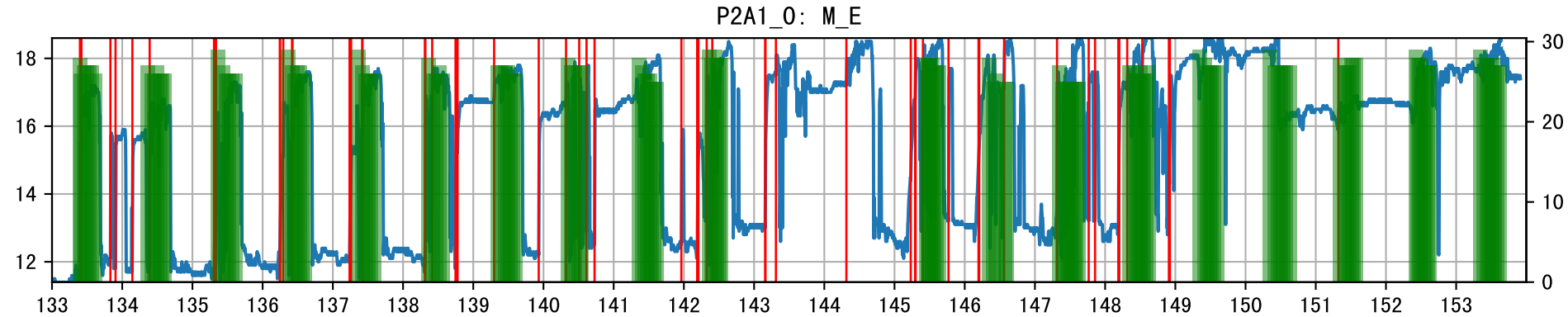

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
20
40
60
80
100
120
140
160
d


PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
160
d

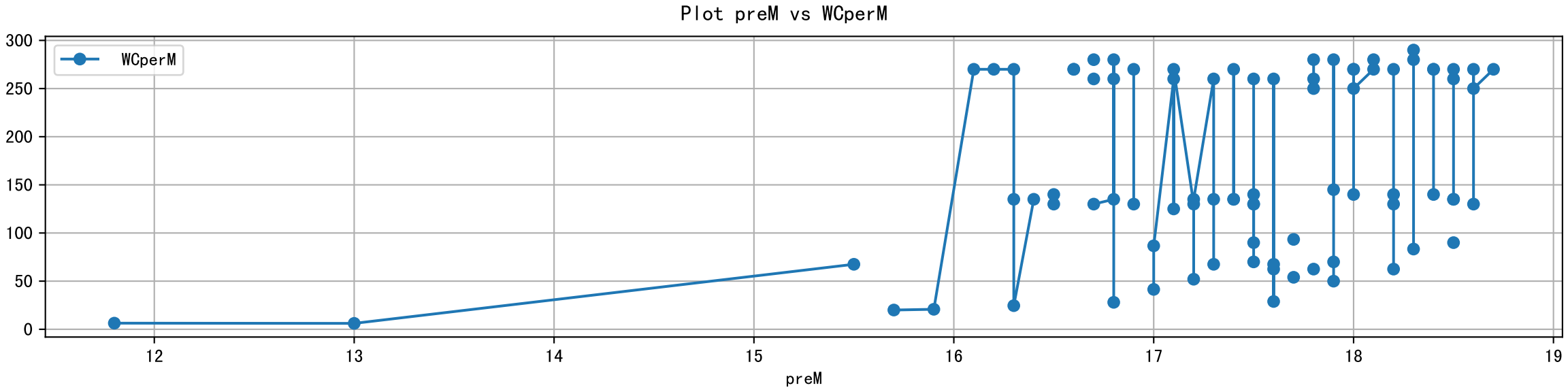

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
160
d

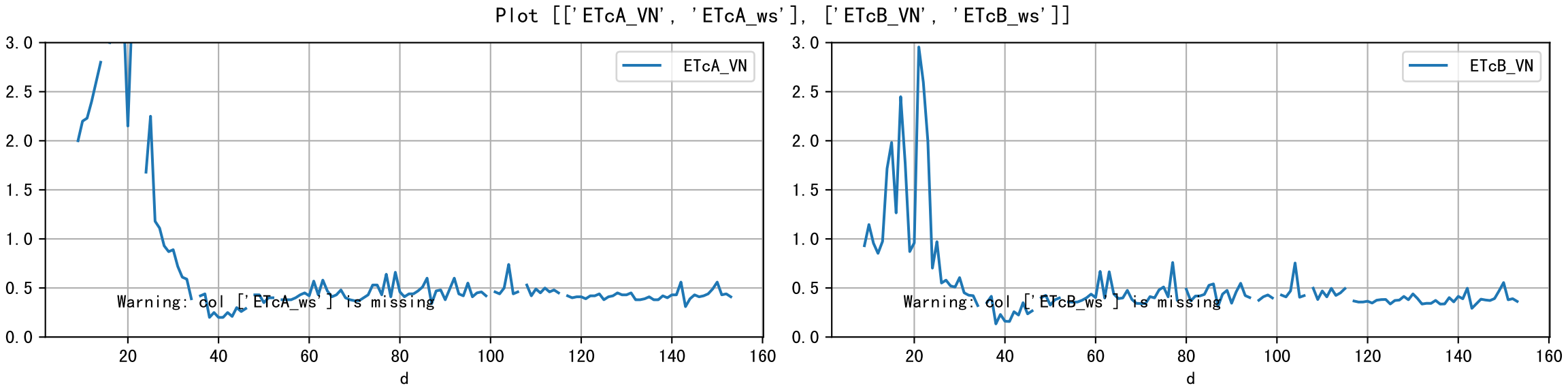

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

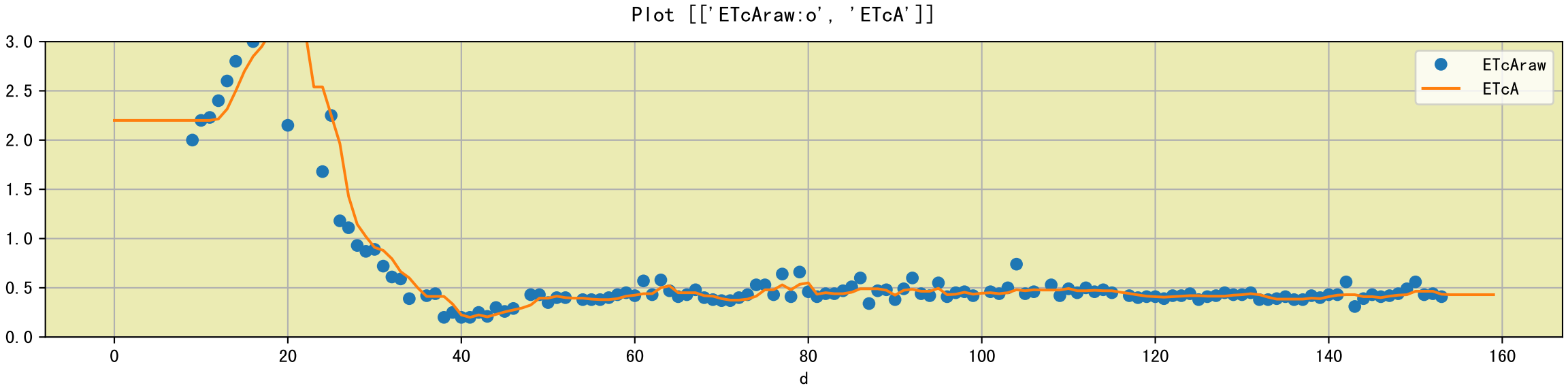

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

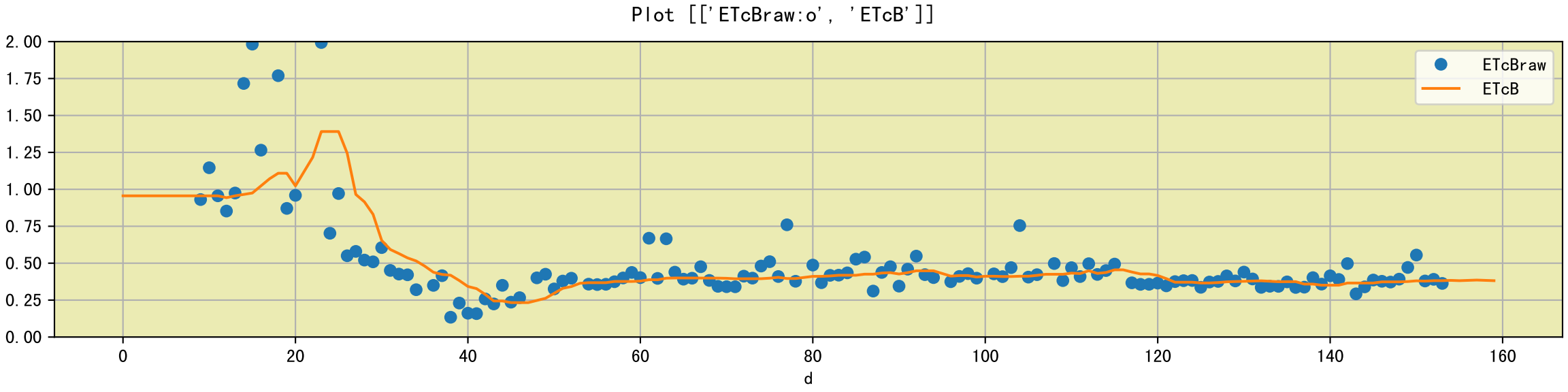

P2A1_0: M_E
18
16
14
12
30
20
10
0
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153

Plot Sensor and FgRec Data

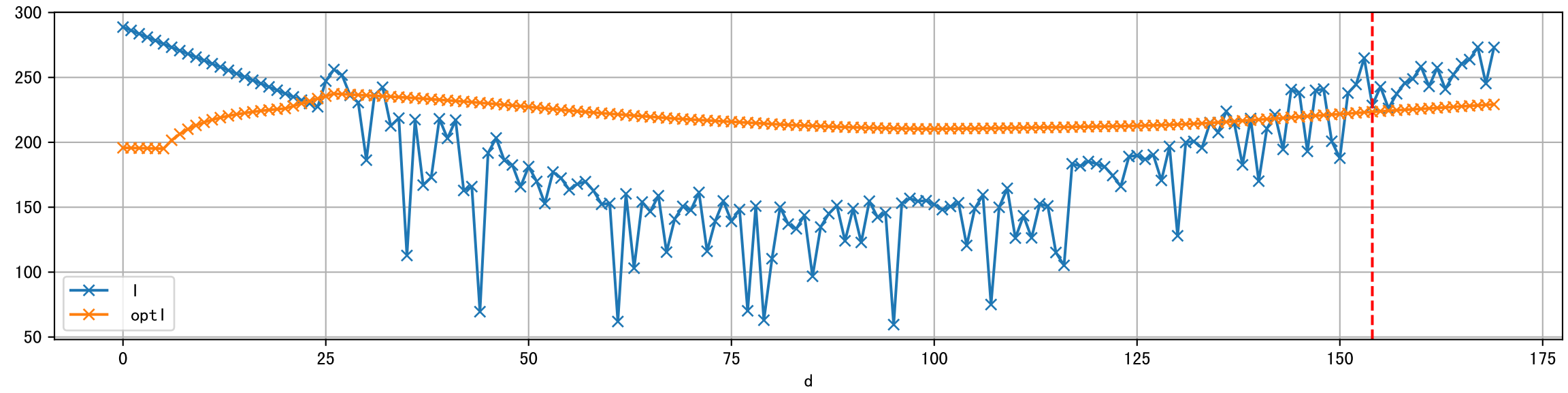

Plot preM vs WCperM
WCperM
300
250
200
150
100
50
0
12
13
14
15
16
17
18
19
preM

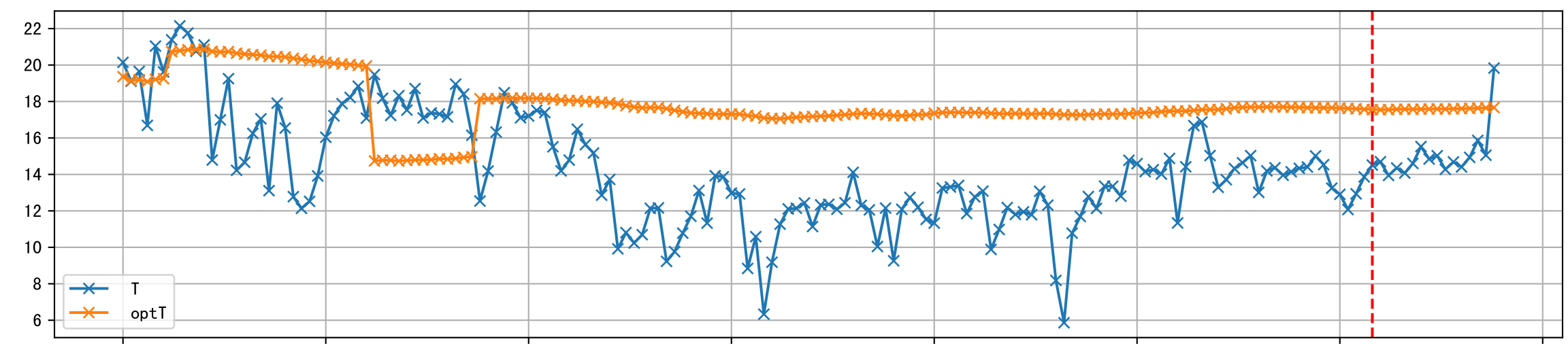

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d
d

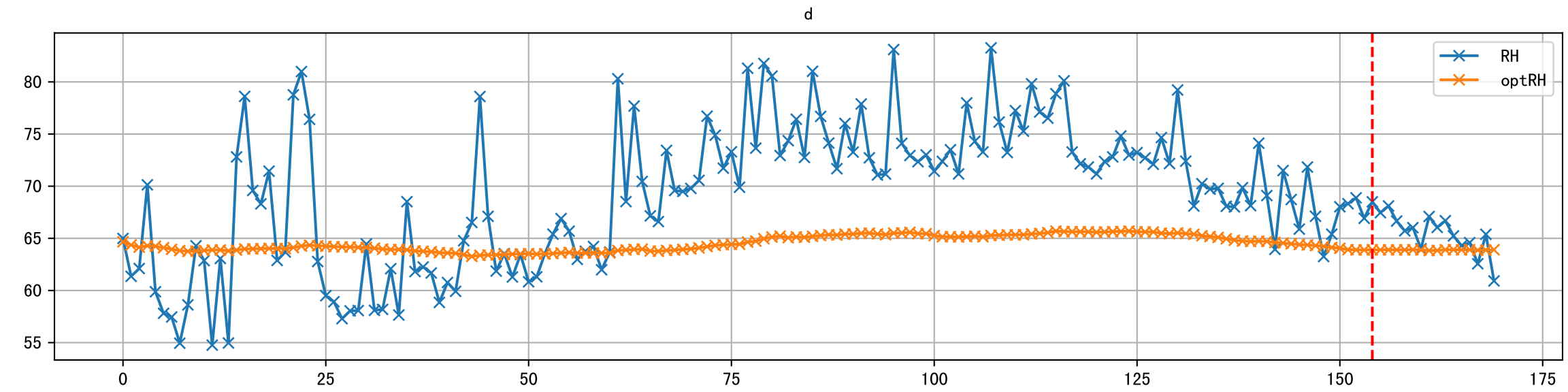

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
160
d

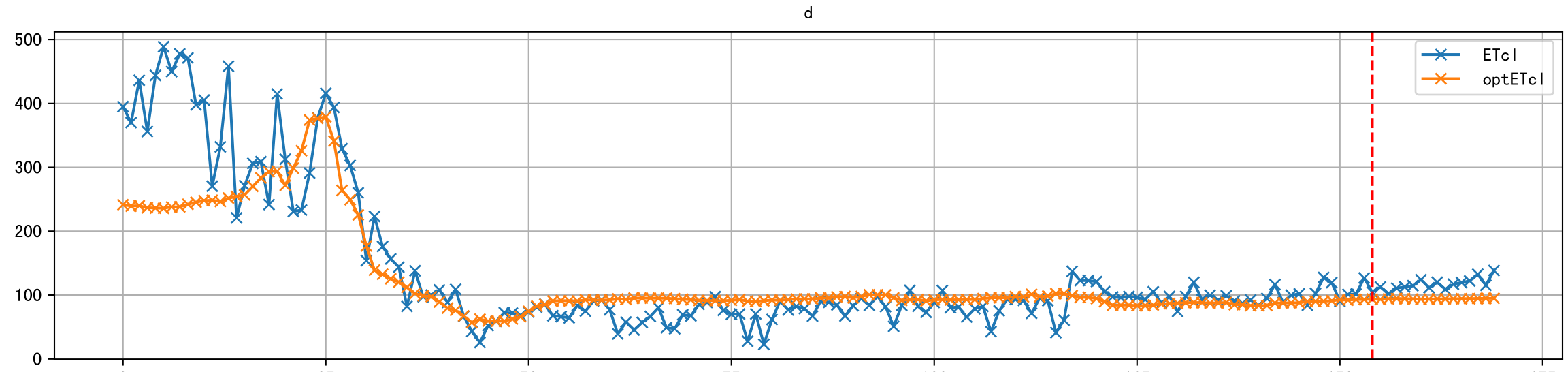

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
160
d

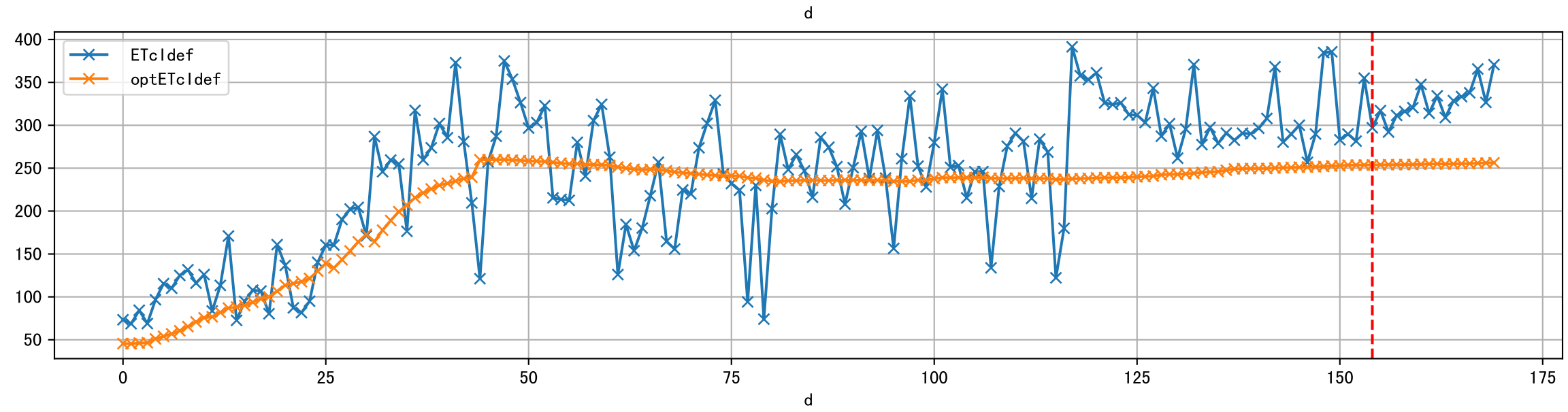
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

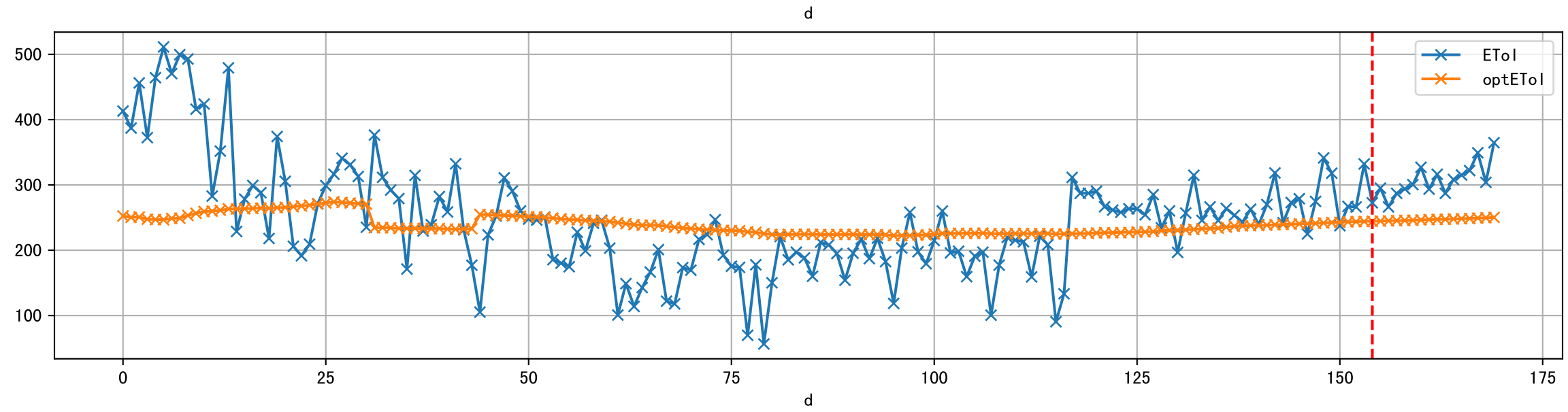


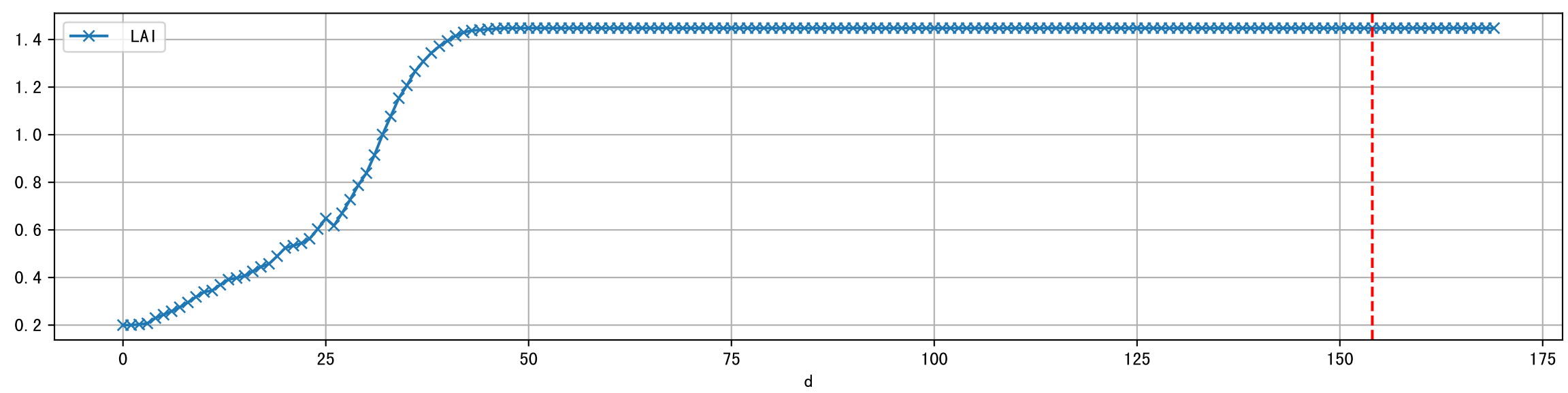


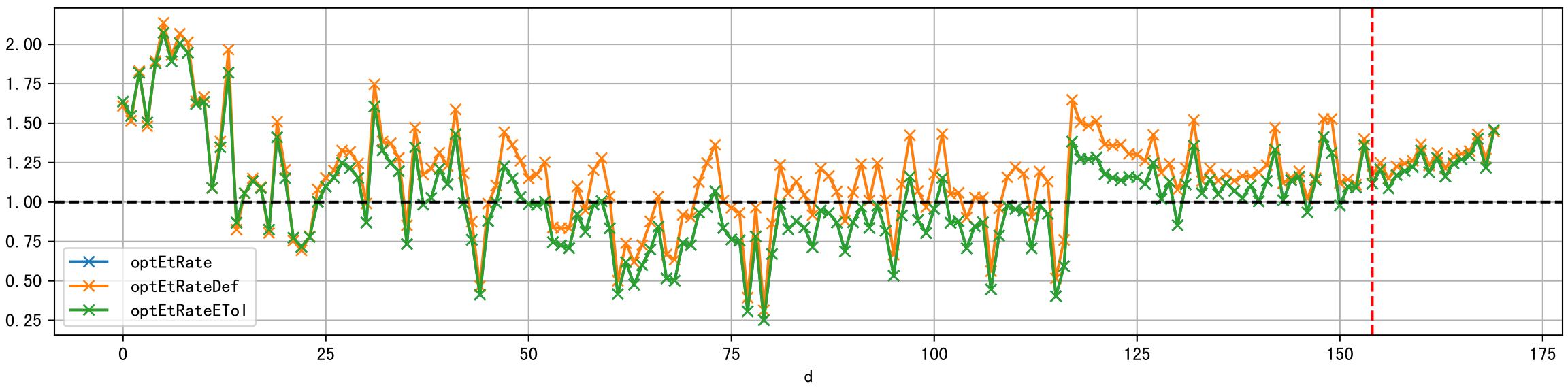


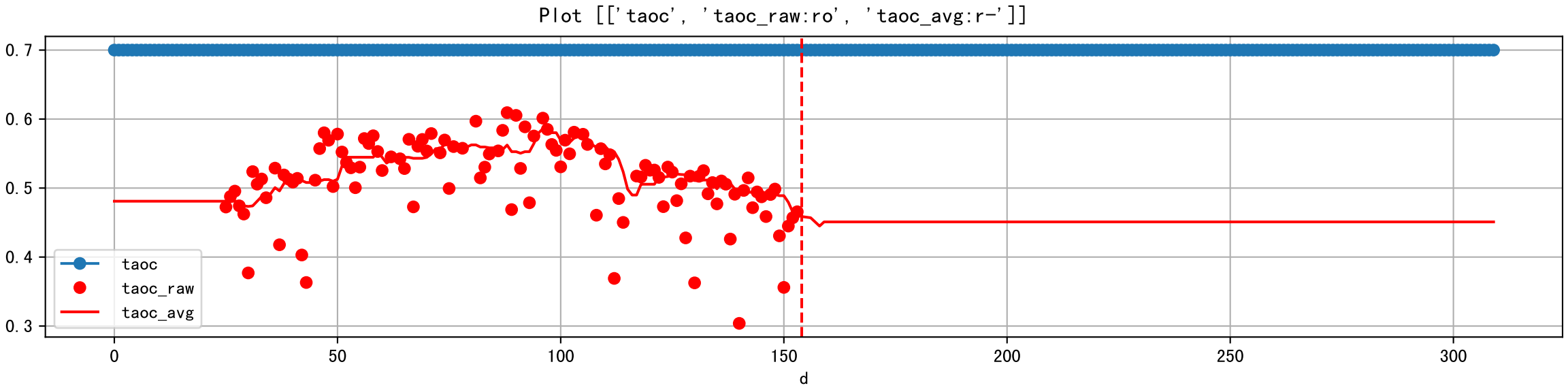


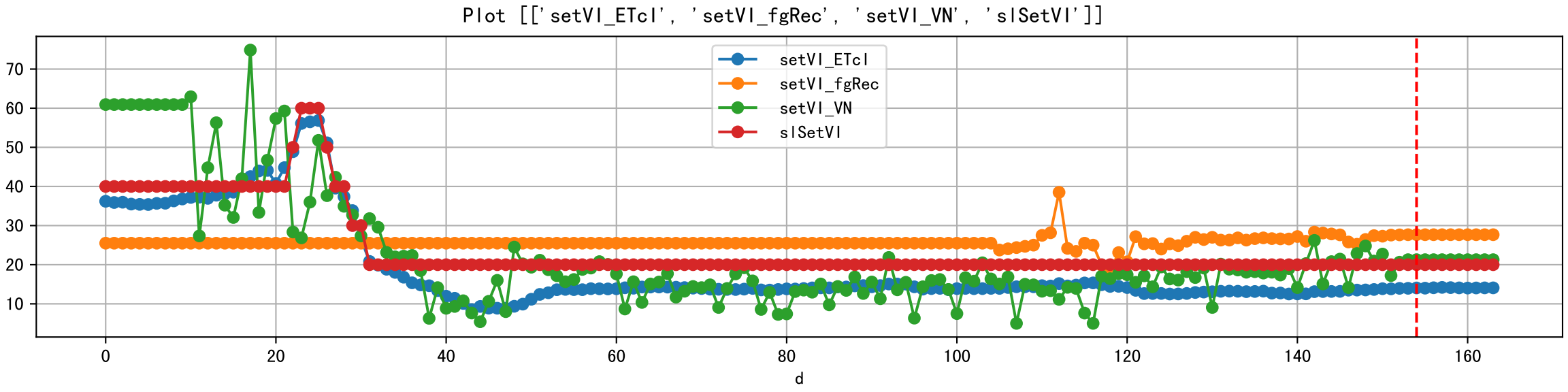


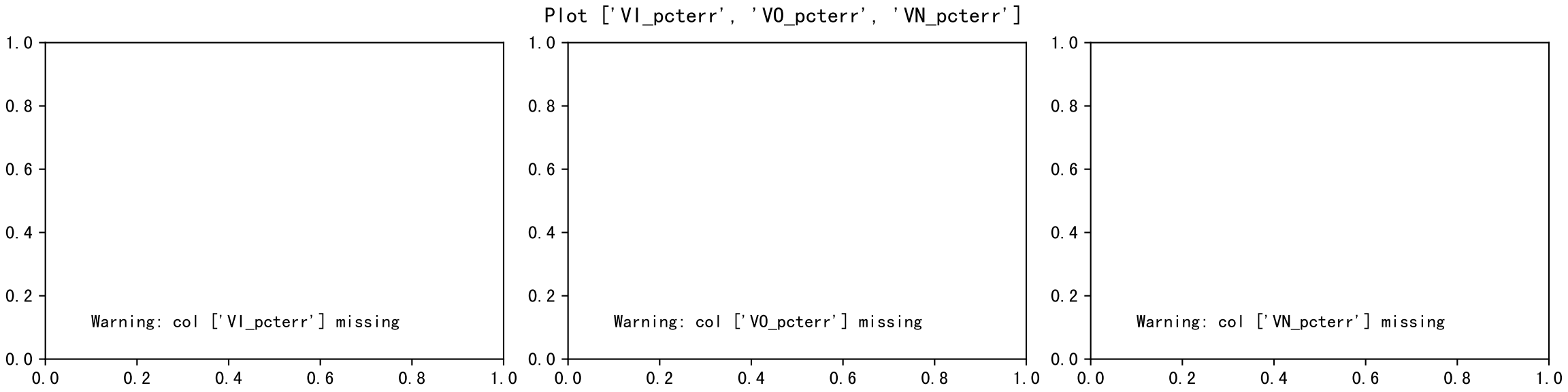


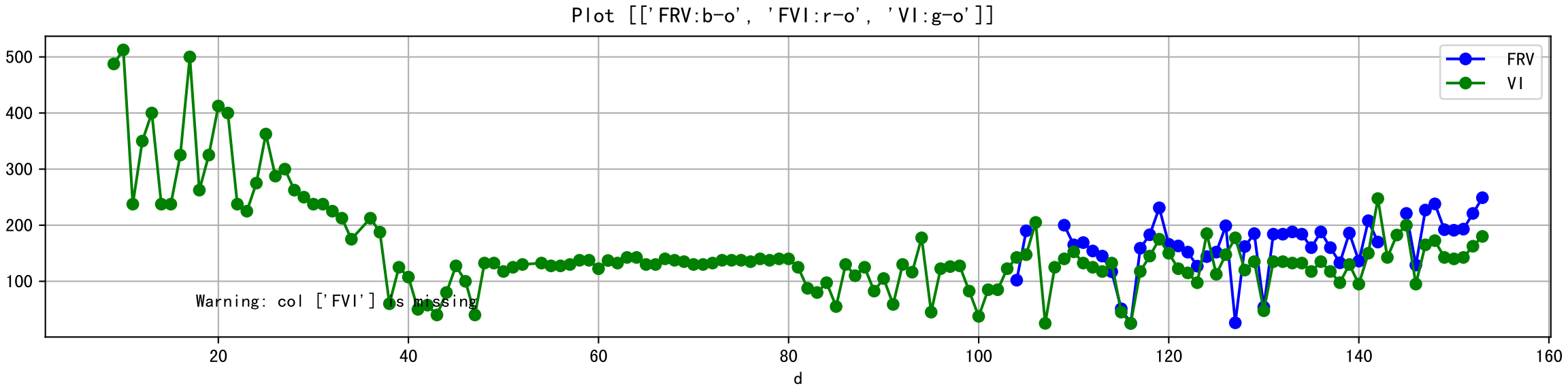


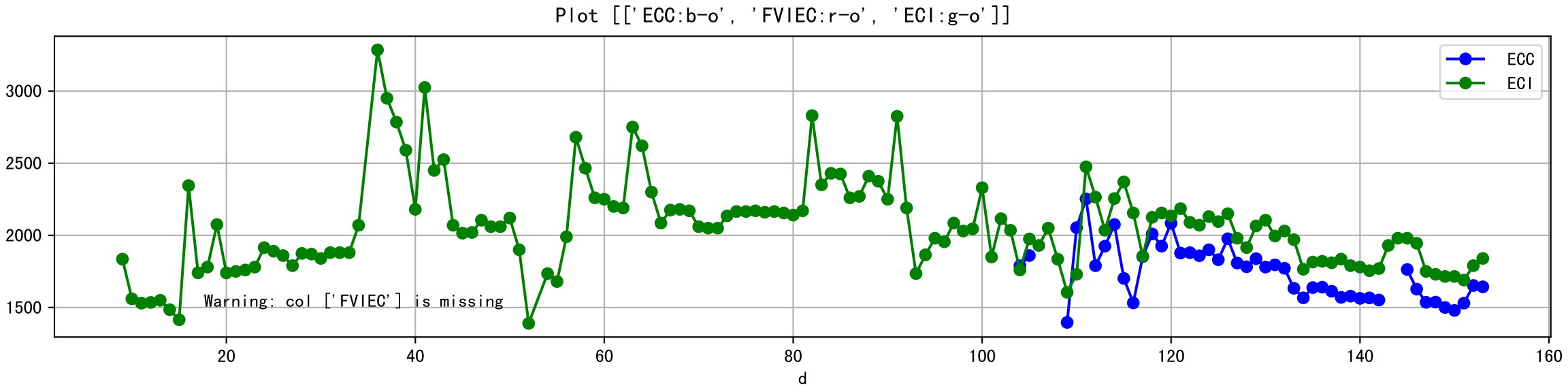


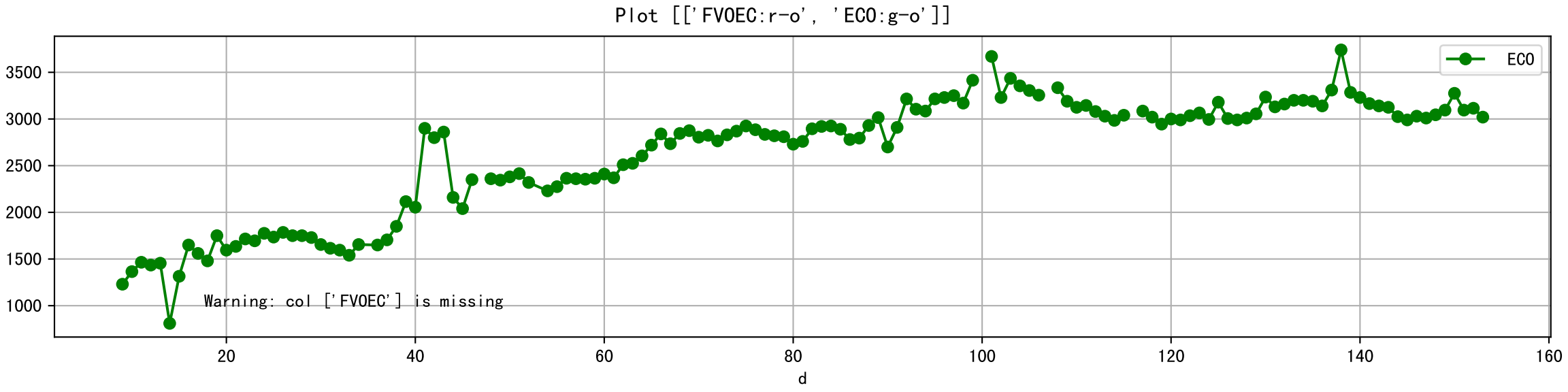

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

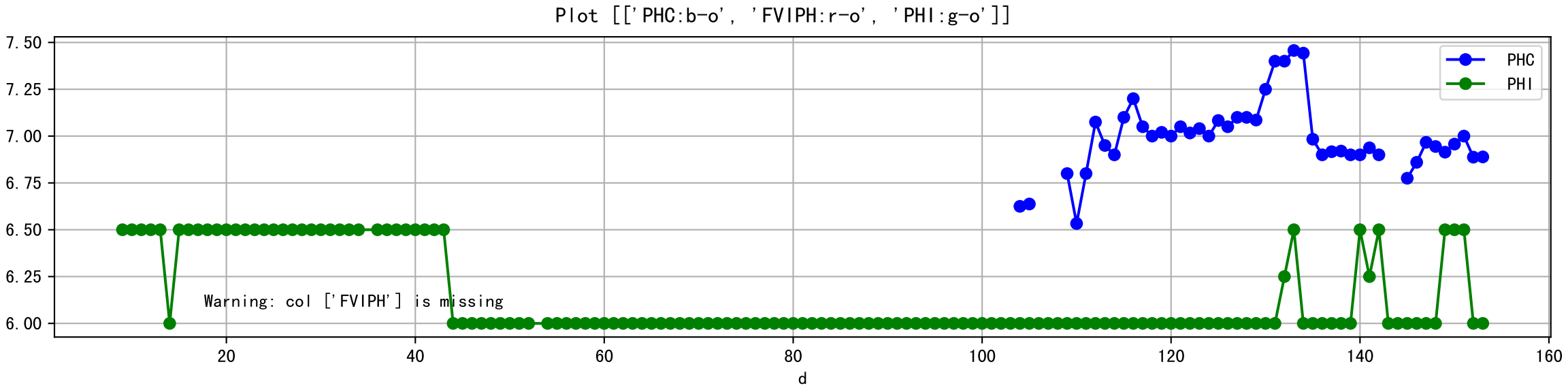

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
70
60
50
40
30
20
10
0
20
40
60
80
100
120
140
160
d

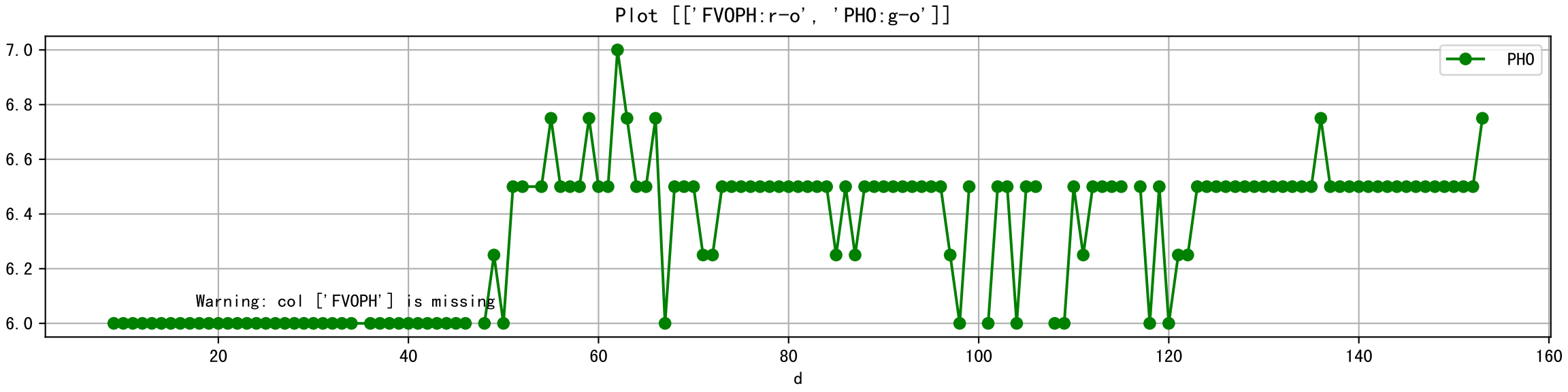

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

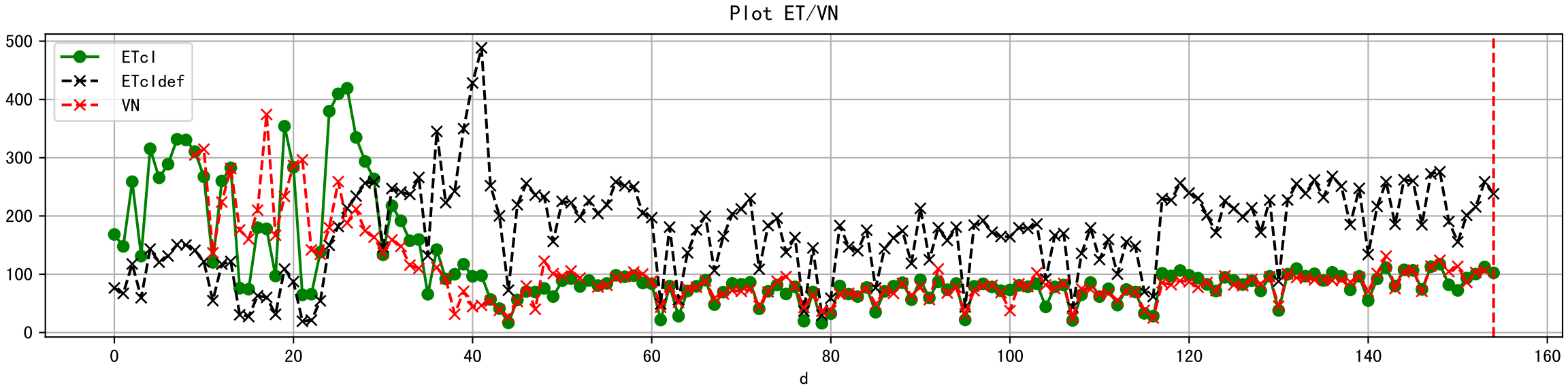

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
20
40
60
80
100
120
140
160
d


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
120
140
160
d

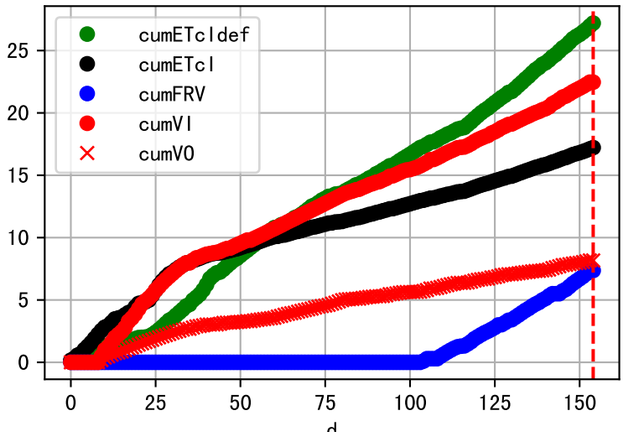

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
20
40
60
80
100
120
140
160
d

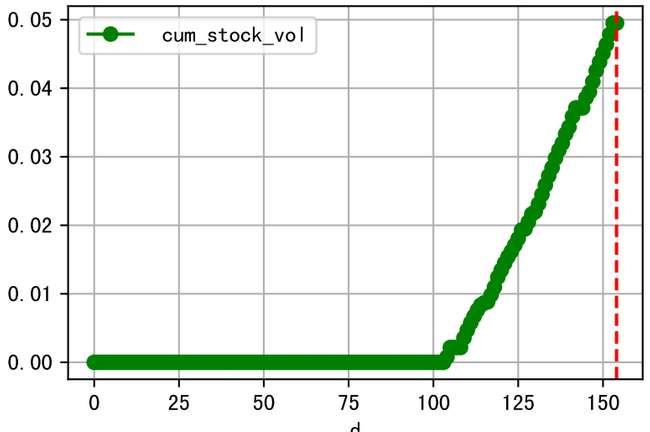

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
20
40
60
80
100
120
140
160
d
PHC
PHI
Warning: col ['FVIPH'] is missing

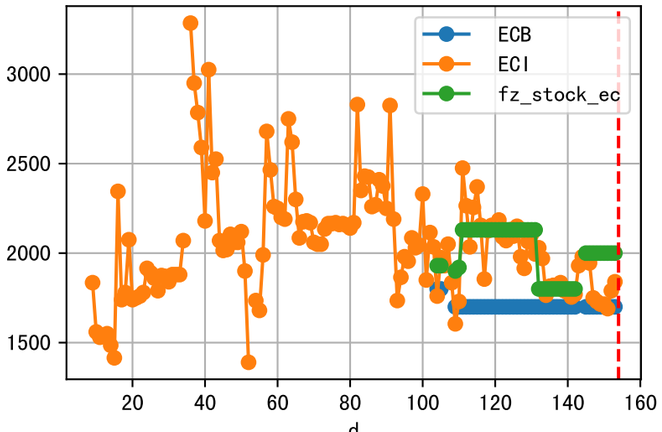

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
160
d

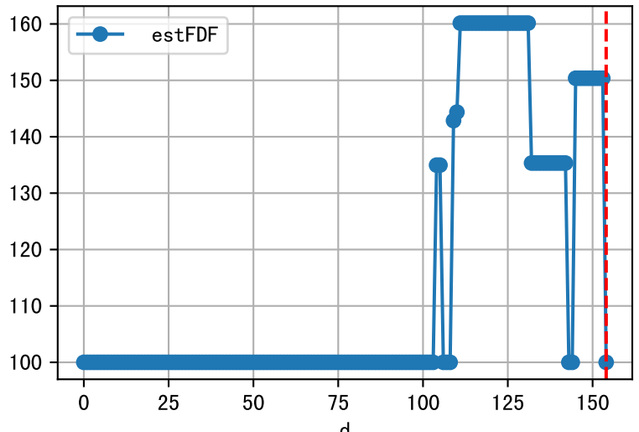

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
20
40
60
80
100
120
140
160
d

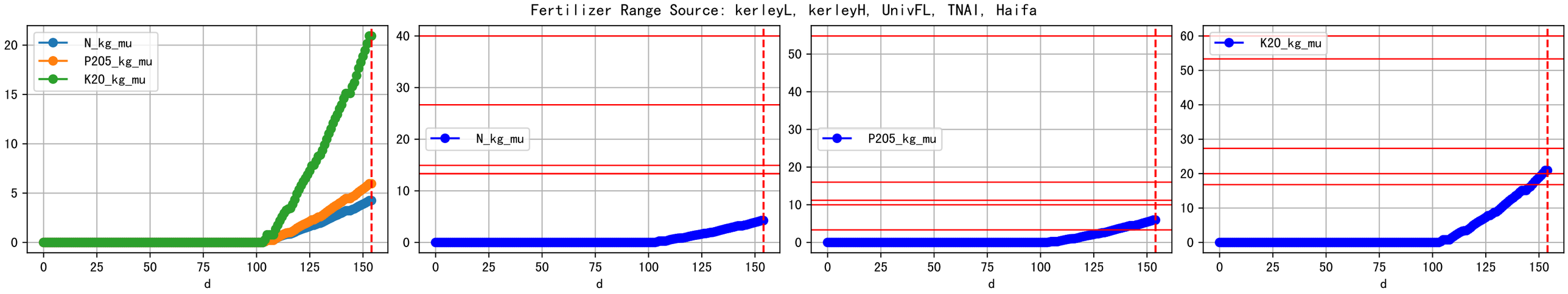
Plot Fv and fertilizer usage

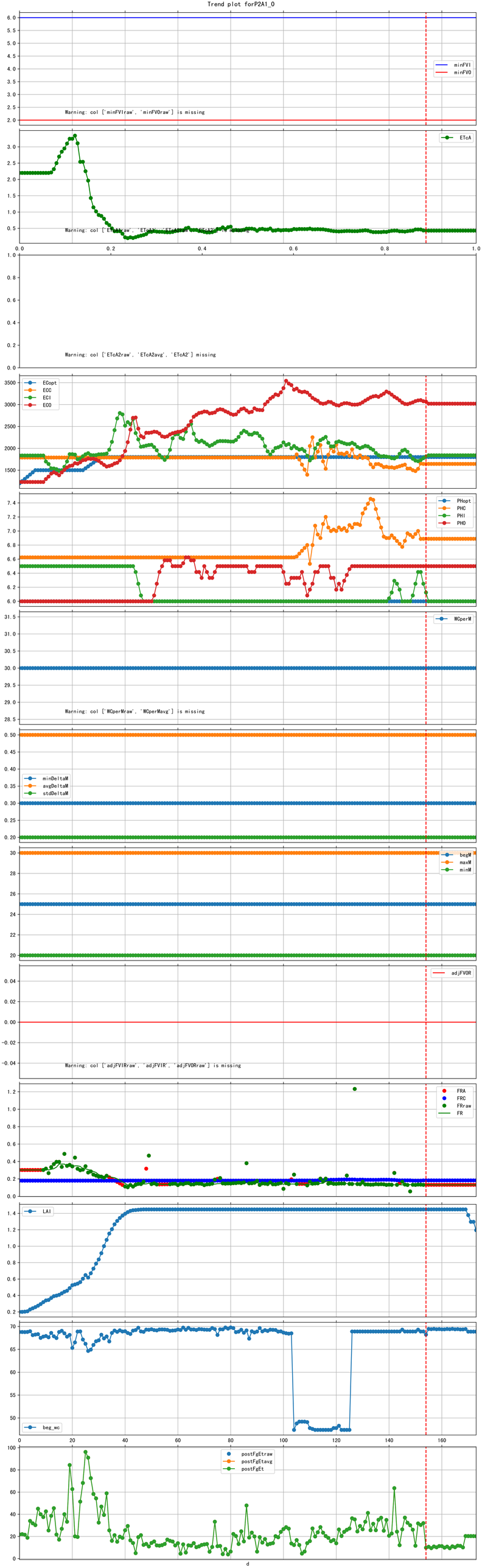


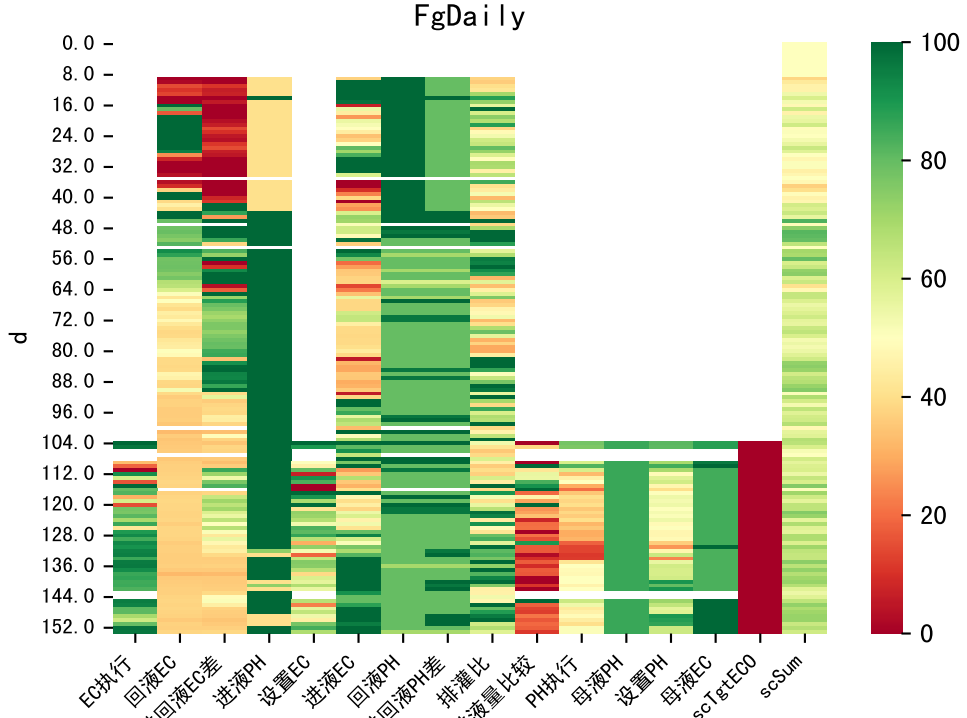




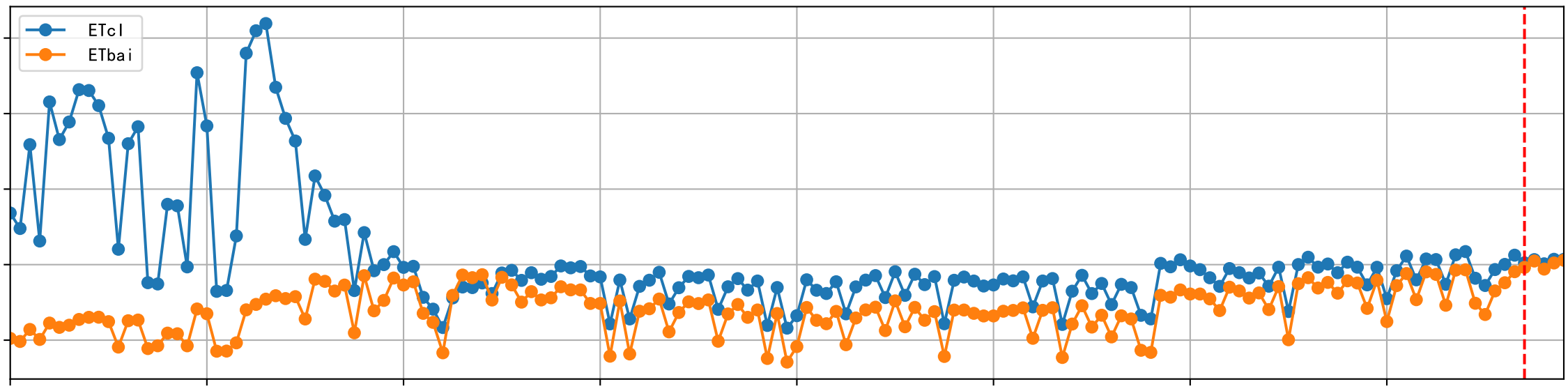


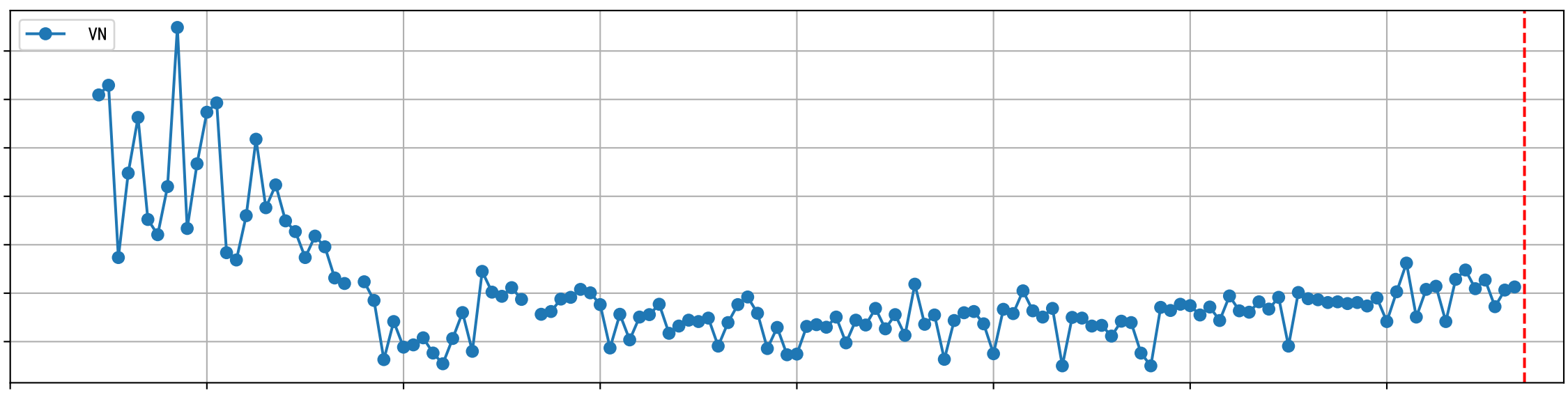

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P2O5_kg_mu
K2O_kg_mu
d

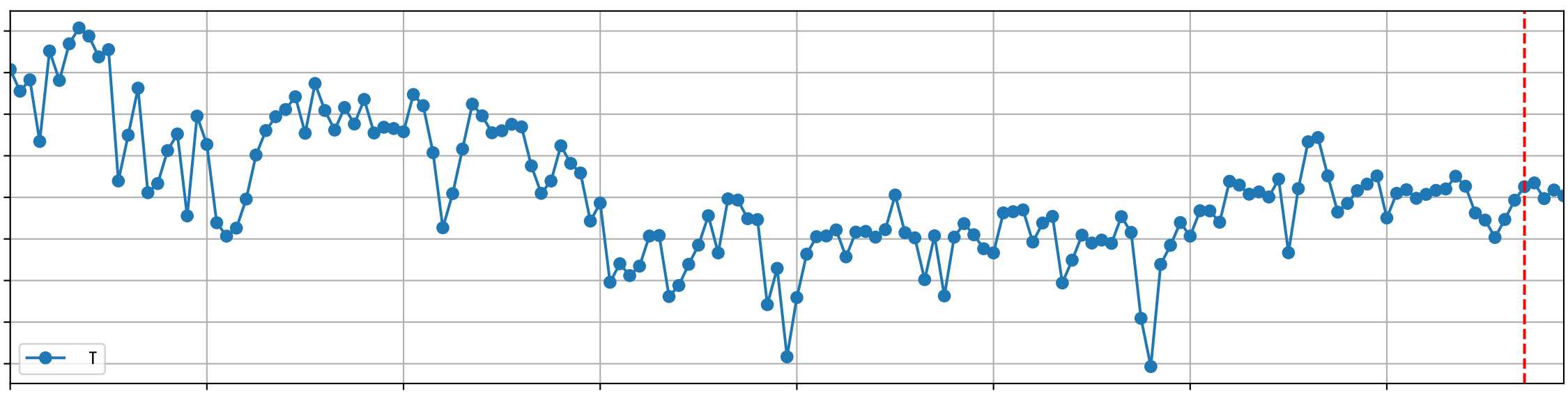

Trend plot forP2A1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcAraw', 'ETcAavg', 'ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

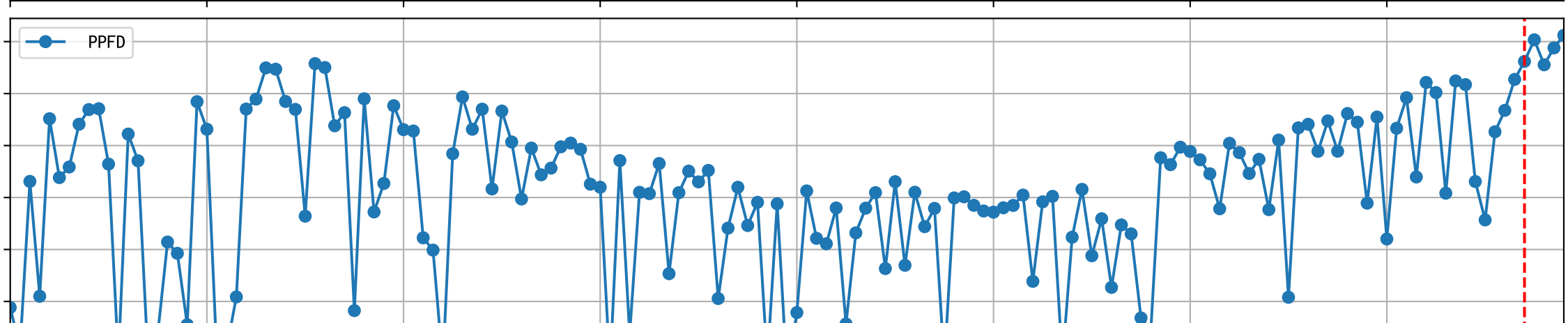

FgDaily
d
0.0
8.0
16.0
24.0
32.0
40.0
48.0
56.0
64.0
72.0
80.0
88.0
96.0
104.0
112.0
120.0
128.0
136.0
144.0
152.0
100
80
60
40
20
0
EC执行
回液EC
回液EC差
进液PH
设置EC
进液EC
回液PH
回液PH差
排灌比
液量比较
PH执行
母液PH
设置PH
母液EC
scTgtEC0
scSum

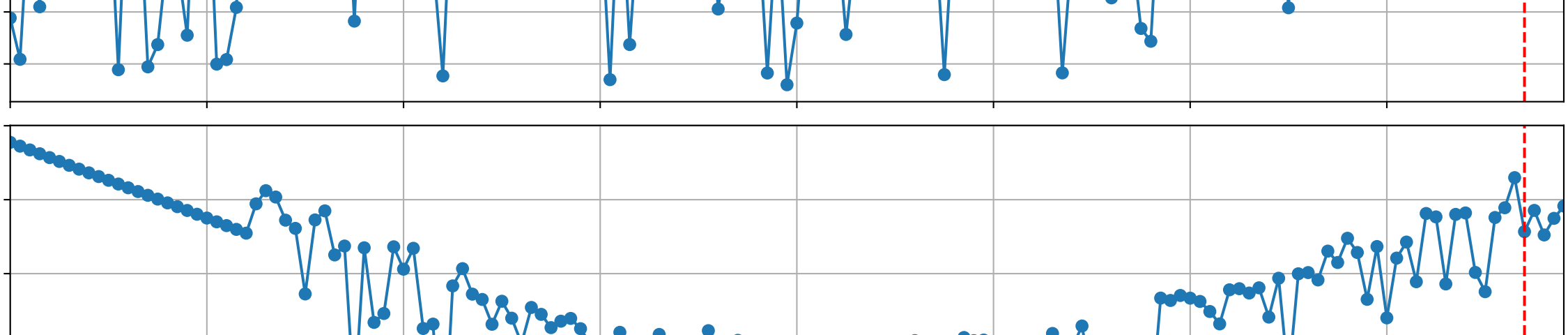
P2A1_0

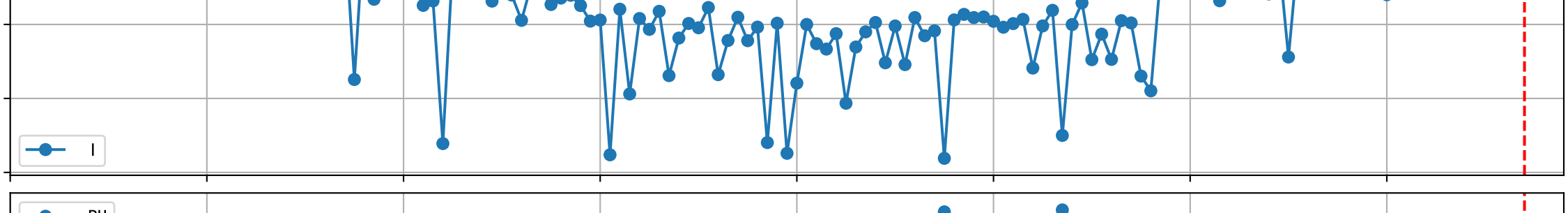

ETcl
ETbai
400
300
200
100
0

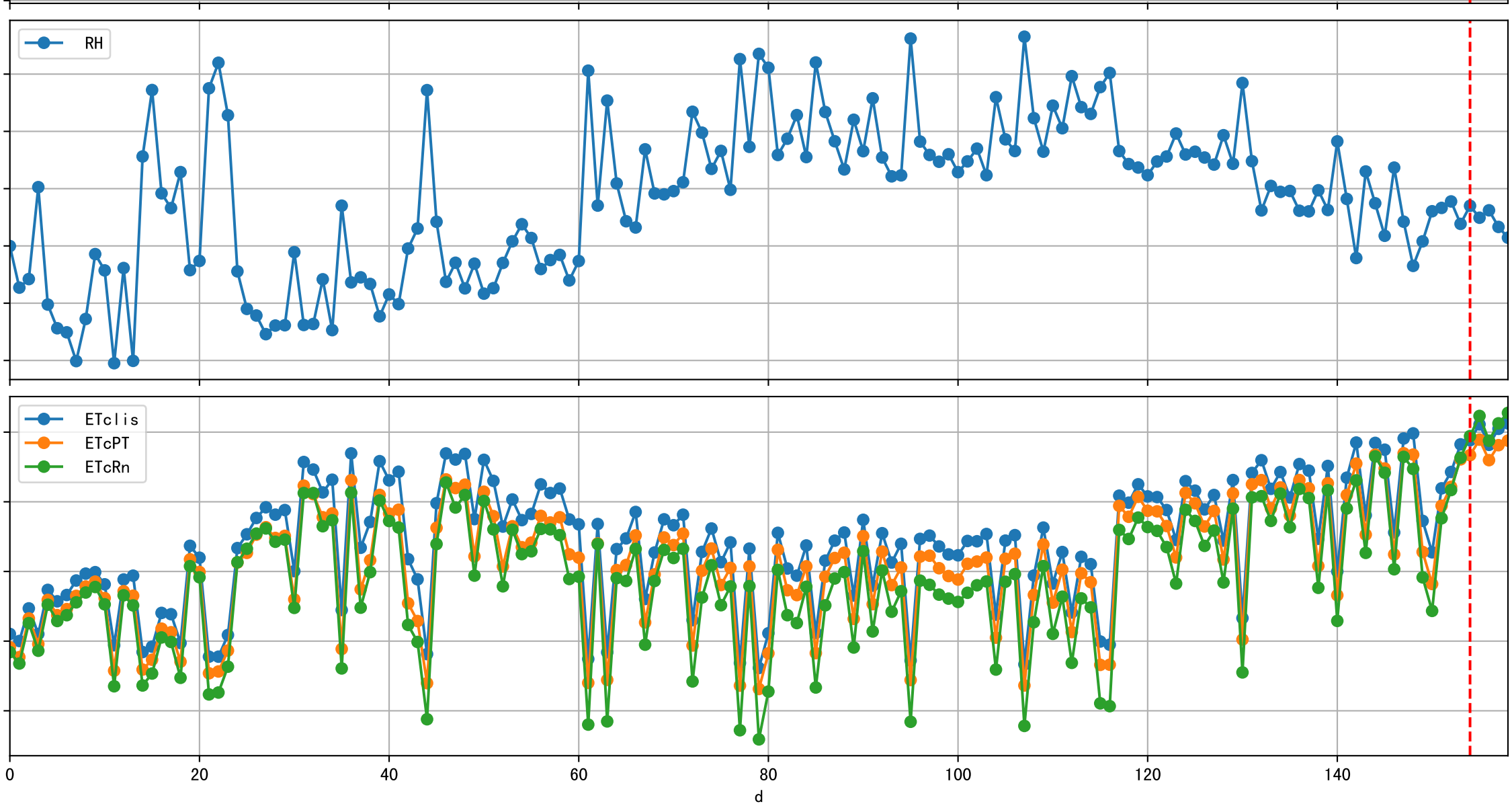

VN
350
300
250
200
150
100
50

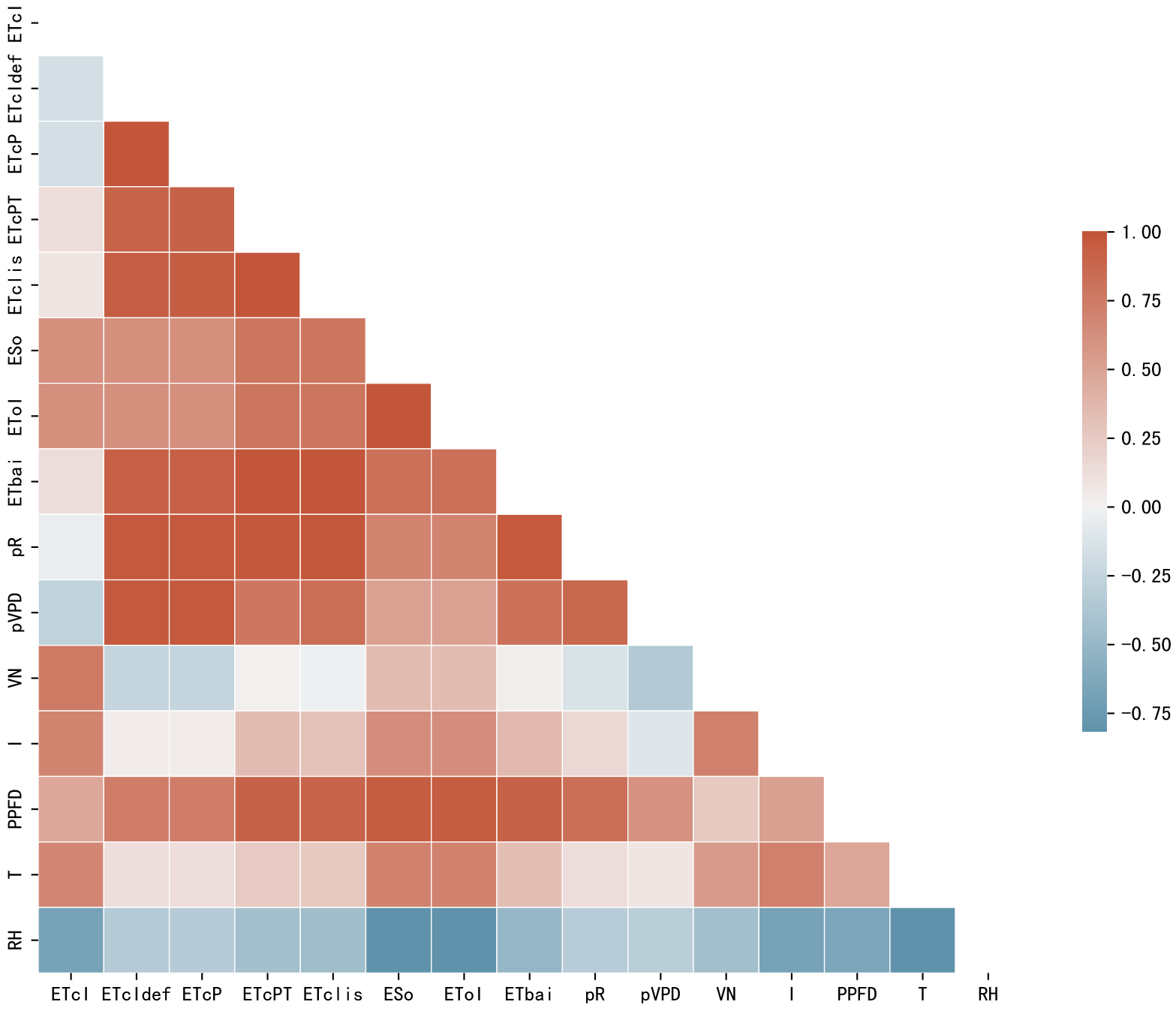

T
22
20
18
16
14
12
10
8
6

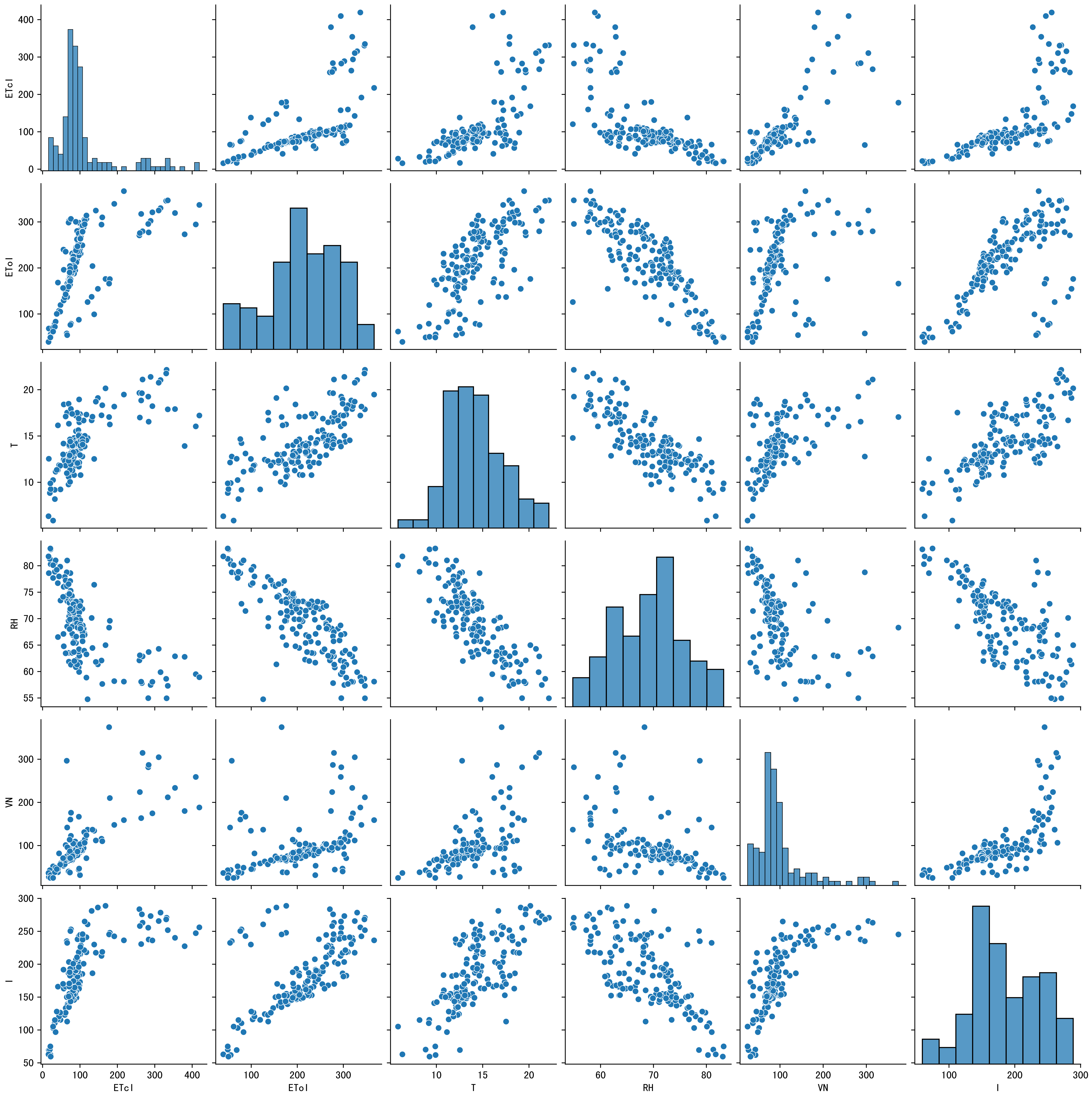

PPFD
350
300
250
200
150
100
50


I
300
250
200
150
100
50

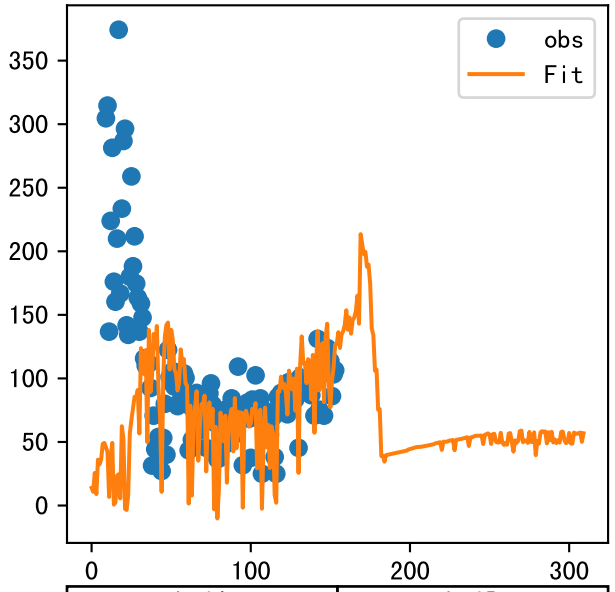

RH
80
75
70
65
60
55

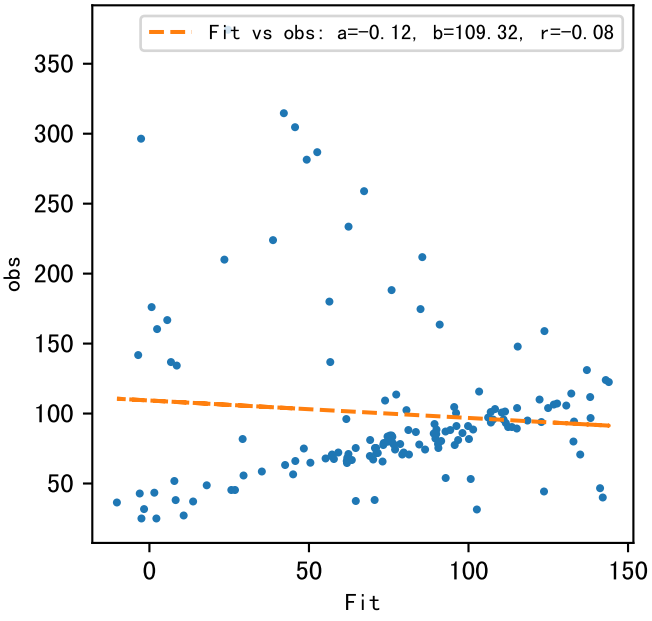

ETclis
ETcPT
ETcRn
150
100
50
0
−50
0
20
40
60
80
100
120
140
d


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

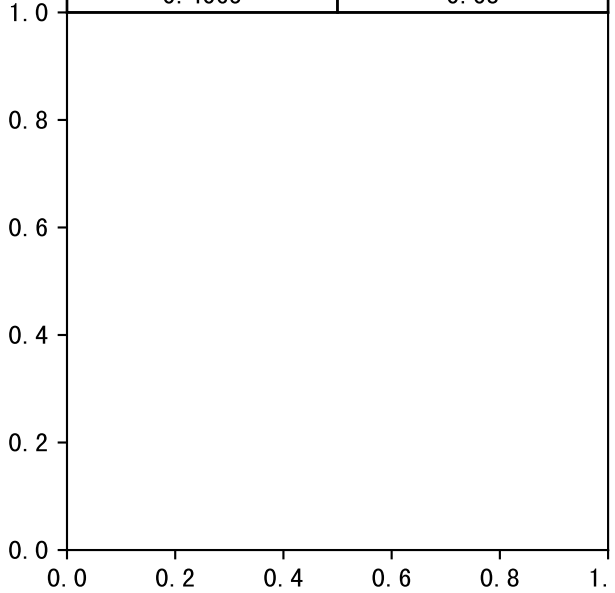


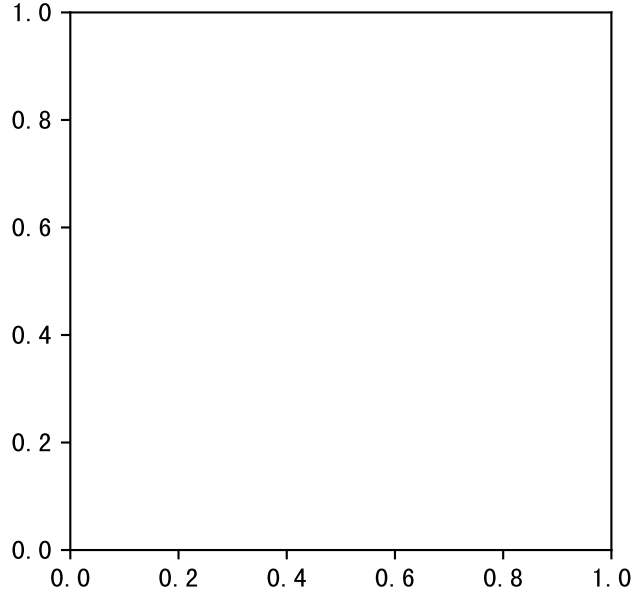
ETcl
ETol
T
RH
VN
I

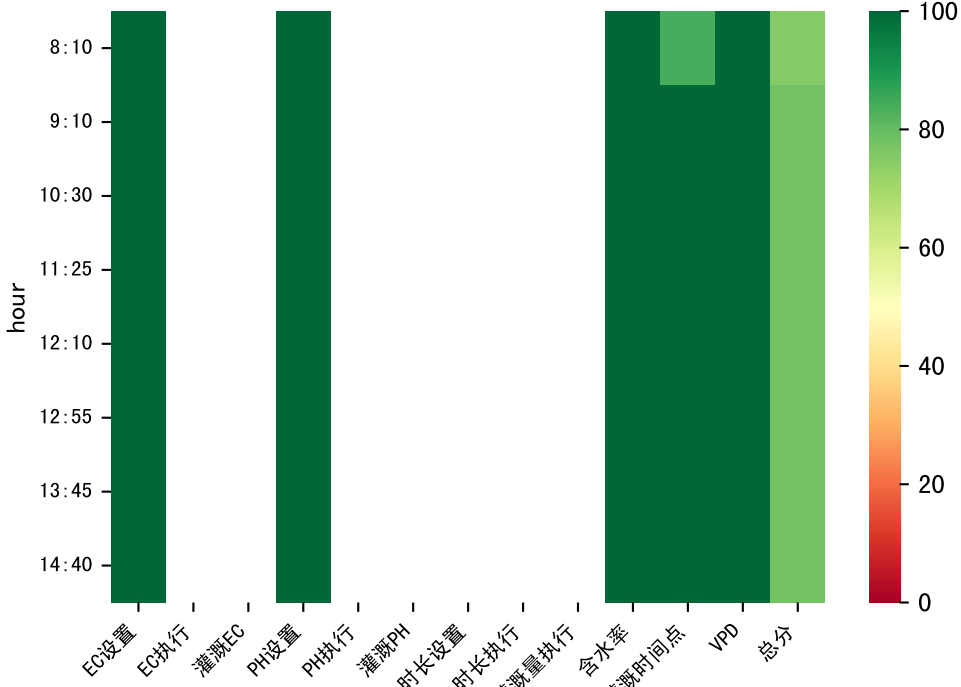




baiA	baiB
0.4065	0.03

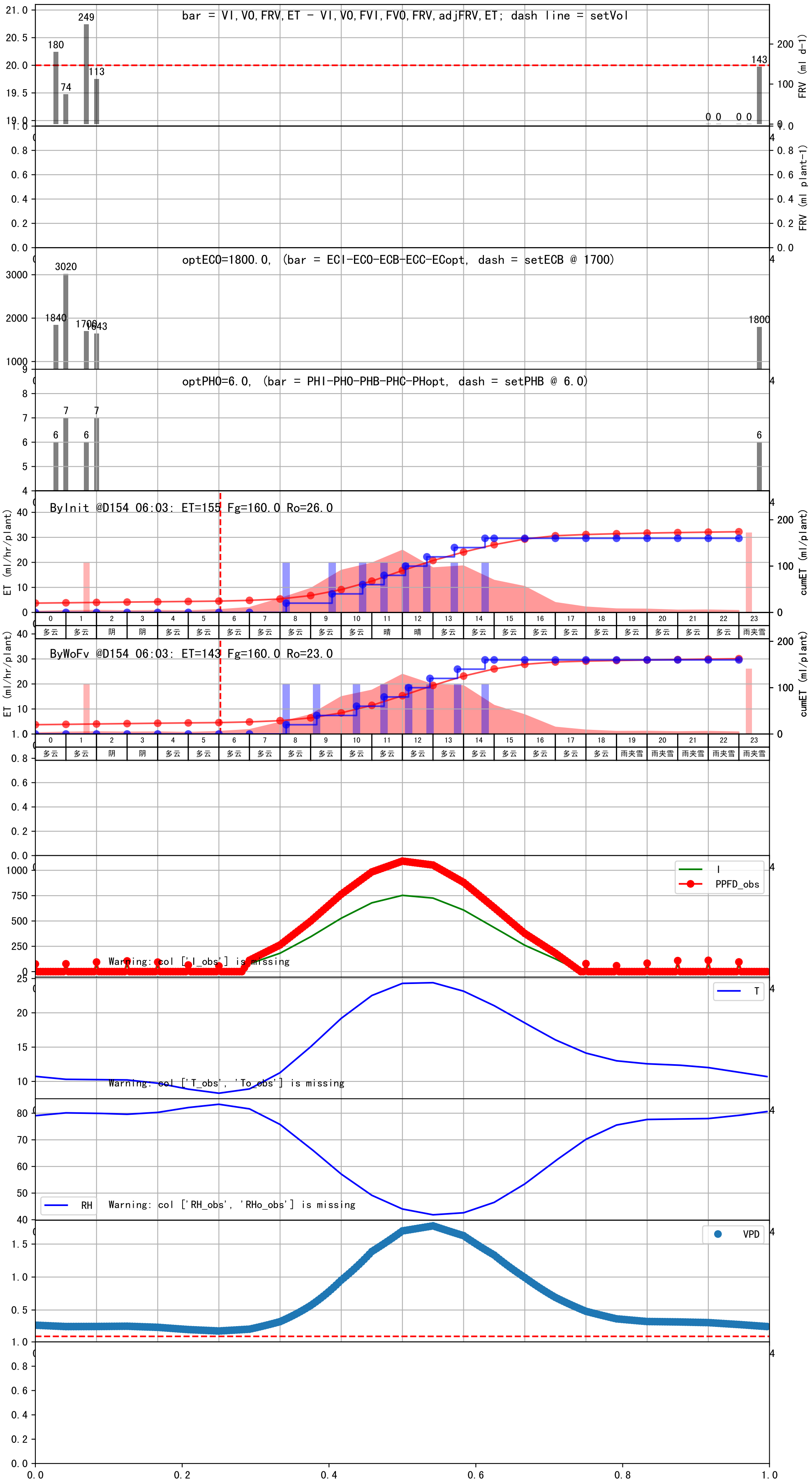


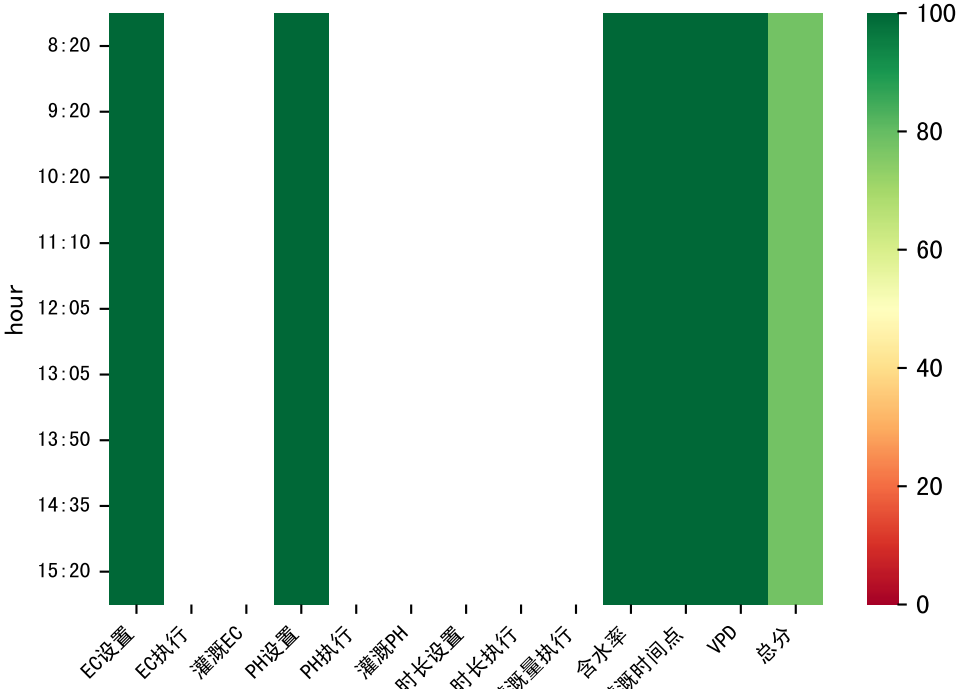



hour
8:10
9:10
10:30
11:25
12:10
12:55
13:45
14:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:10	154	20.0	0.441	多云	预期@08:10 自主（未用传感器）
09:10	154	20.0	0.441	多云	预期@09:10 自主（未用传感器）
10:30	154	20.0	0.441	多云	预期@10:30 自主（未用传感器）
11:25	154	20.0	0.441	多云	预期@11:25 自主（未用传感器）
12:10	154	20.0	0.441	多云	预期@12:10 自主（未用传感器）
12:55	154	20.0	0.441	多云	预期@12:55 自主（未用传感器）
13:45	154	20.0	0.441	多云	预期@13:45 自主（未用传感器）
14:40	154	20.0	0.441	多云	预期@14:40 自主（未用传感器）
总计	1232.0 (8次)	160.0			建议进液EC：1700， PH：6.0

P2A1_0, Day=154 (2026-02-25)

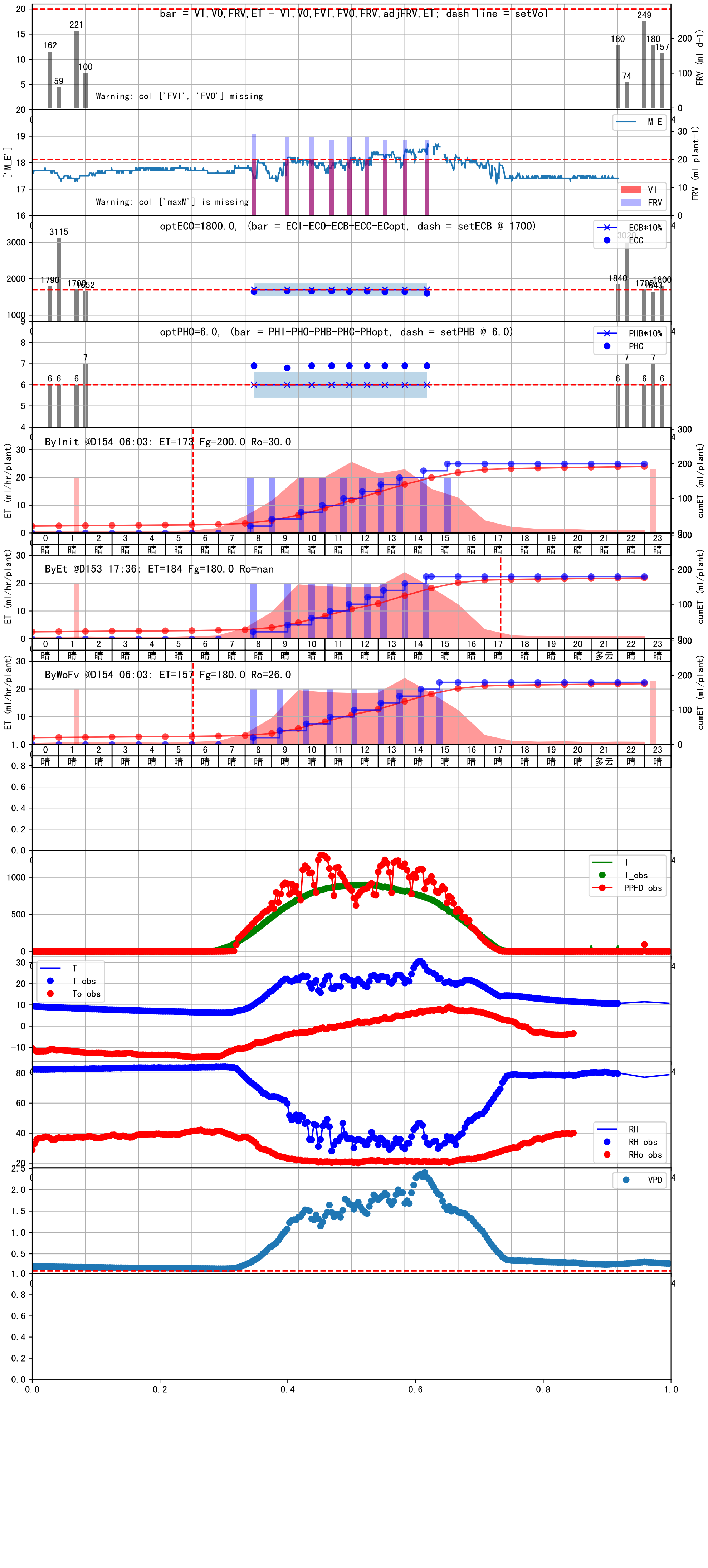


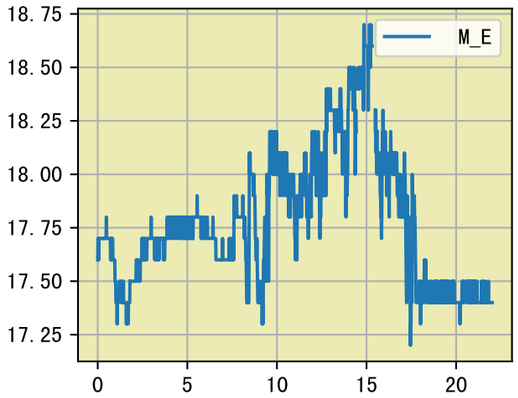

hour
8:20
9:20
10:20
11:10
12:05
13:05
13:50
14:35
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

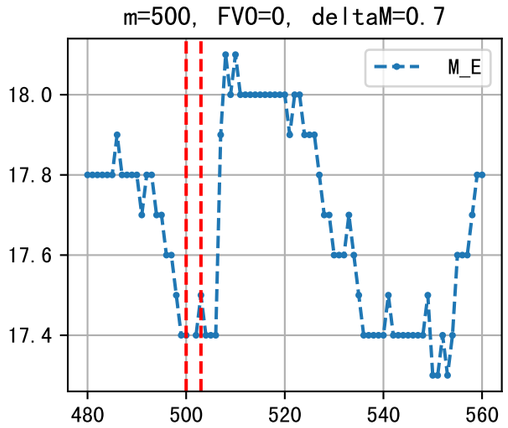
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	153	20.0	0.441	晴	假设@08:20 自动（未用传感器）
09:20	153	20.0	0.441	晴	假设@09:20 自动（未用传感器）
10:20	153	20.0	0.441	晴	假设@10:20 自动（未用传感器）
11:10	153	20.0	0.441	晴	假设@11:10 自动（未用传感器）
12:05	153	20.0	0.441	晴	假设@12:05 自动（未用传感器）
13:05	153	20.0	0.441	晴	假设@13:05 自动（未用传感器）
13:50	153	20.0	0.441	晴	假设@13:50 自动（未用传感器）
14:35	153	20.0	0.441	晴	假设@14:35 自动（未用传感器）
15:20	153	20.0	0.441	晴	假设@15:20 自动（未用传感器）
总计	1377.0 (9次)	180.0			建议进液EC：1700， PH：6.0

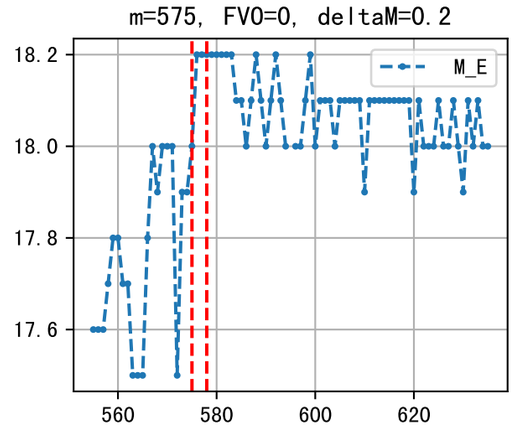
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

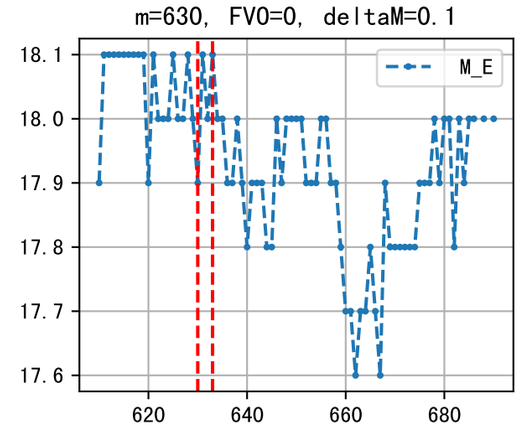
P2A1_0, Day=153.0 (2026-02-24)

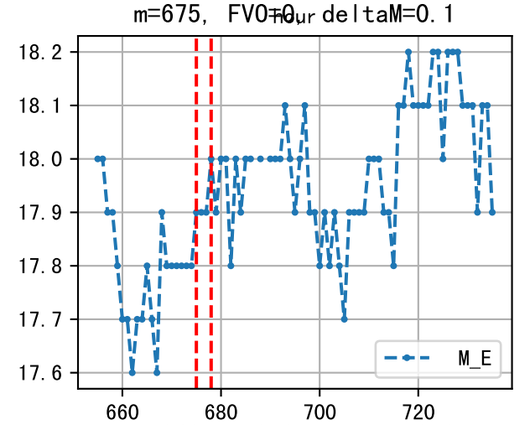


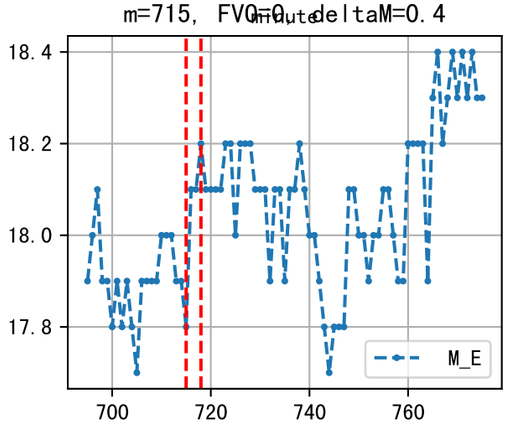

M_E

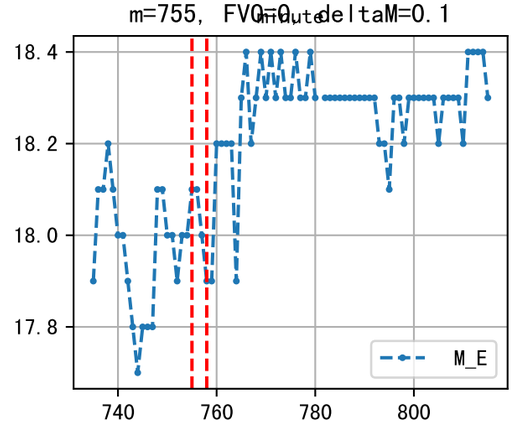

m=500, FVO=0, deltaM=0.7
M_E

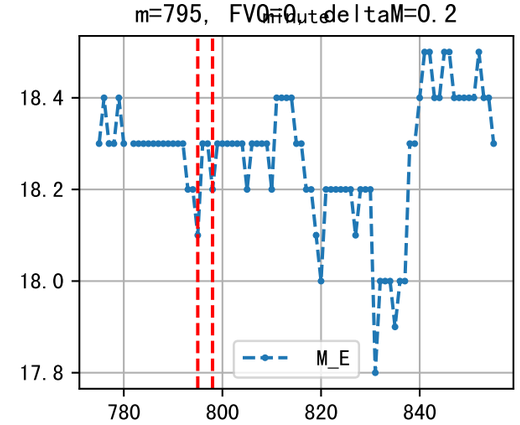

m=575, FVO=0, deltaM=0.2
M_E

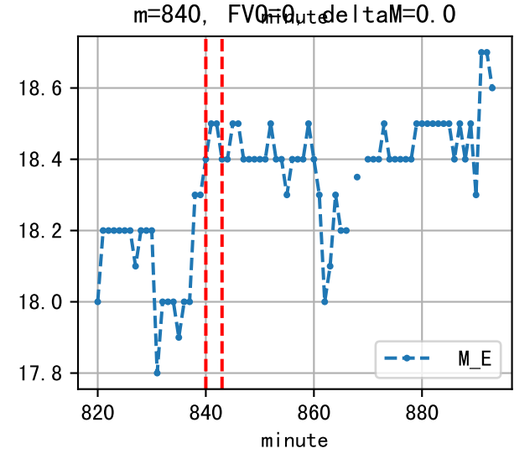

m=630, FVO=0, deltaM=0.1
M_E

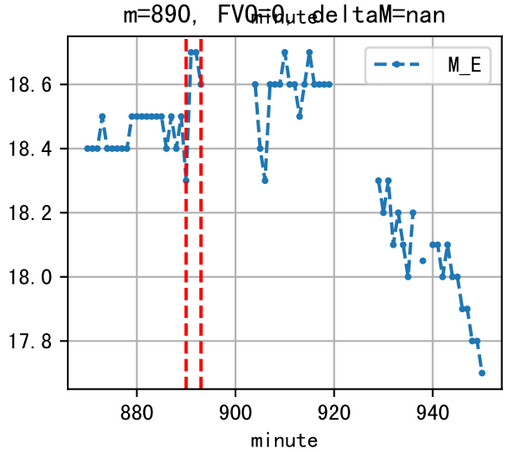

m=675, FVO=0, deltaM=0.1
M_E

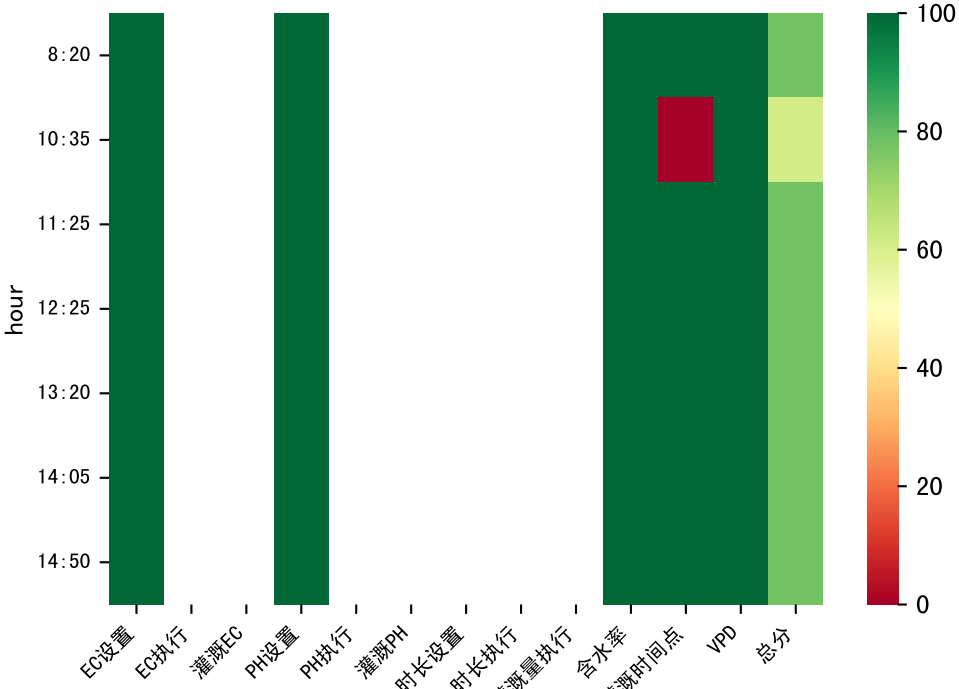

m=715, FVO=0, deltaM=0.4
M_E


m=755, FVO=0, deltaM=0.1
minute
M_E


m=795, FVO=0, deltaM=0.2
minute
M_E


m=840, FVO=0, deltaM=0.0
minute
M_E

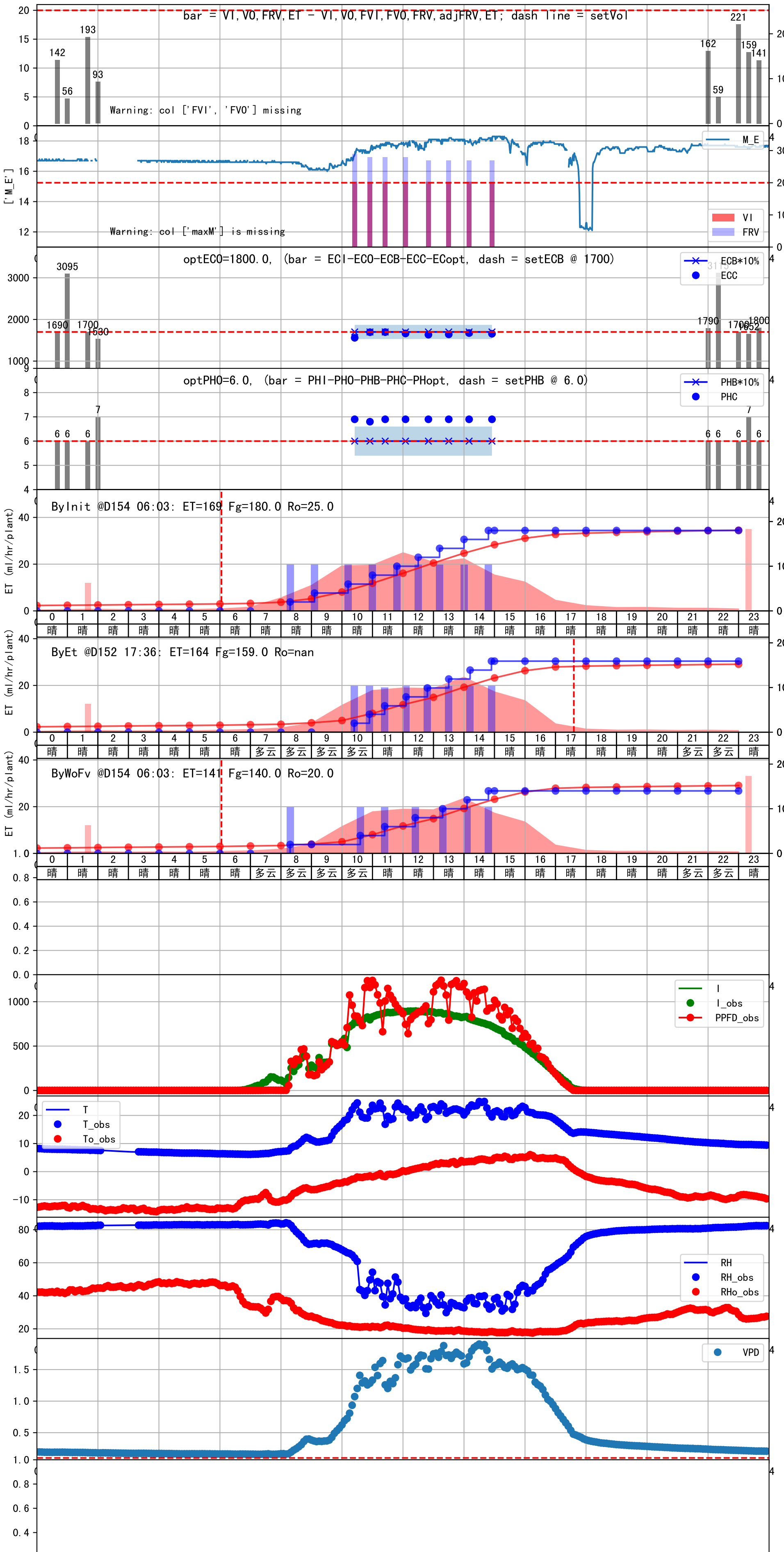

m=890, FVO=0, deltaM=nan
minute
M_E

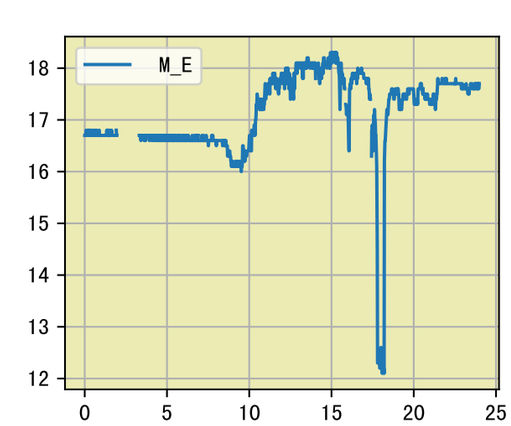

hour
8:20
10:35
11:25
12:25
13:20
14:05
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

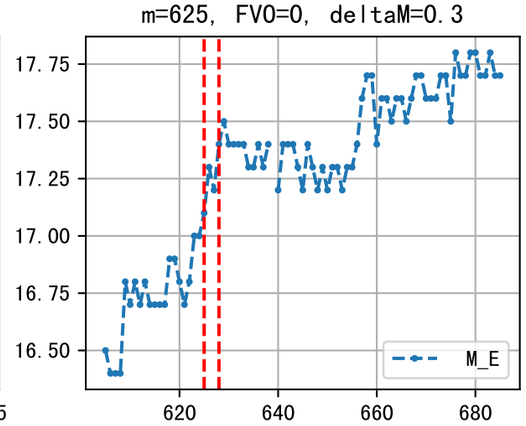
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	152	20.0	0.441	多云	假设@08:20 自动（未用传感器）
10:35	152	20.0	0.441	多云	假设@10:35 自动（未用传感器）
11:25	152	20.0	0.441	晴	假设@11:25 自动（未用传感器）
12:25	152	20.0	0.441	晴	假设@12:25 自动（未用传感器）
13:20	152	20.0	0.441	晴	假设@13:20 自动（未用传感器）
14:05	152	20.0	0.441	晴	假设@14:05 自动（未用传感器）
14:50	152	20.0	0.441	晴	假设@14:50 自动（未用传感器）
总计	1064.0 (7次)	140.0			建议进液EC：1700， PH：6.0

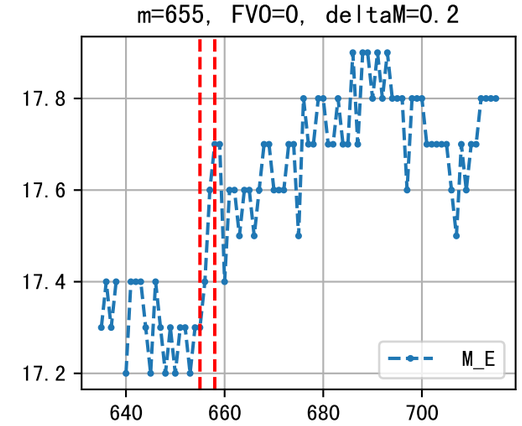
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

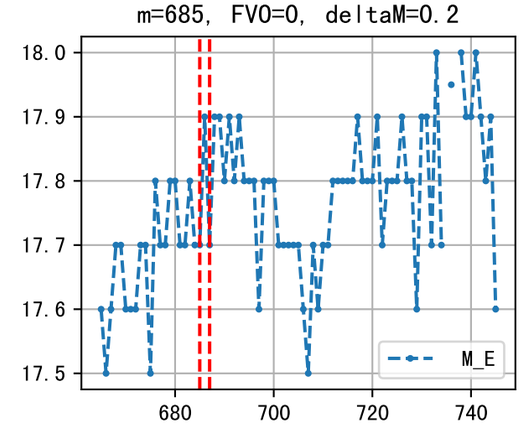
P2A1_0, Day=152.0 (2026-02-23)

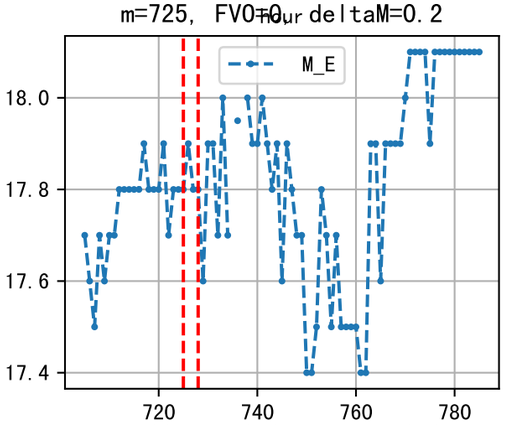


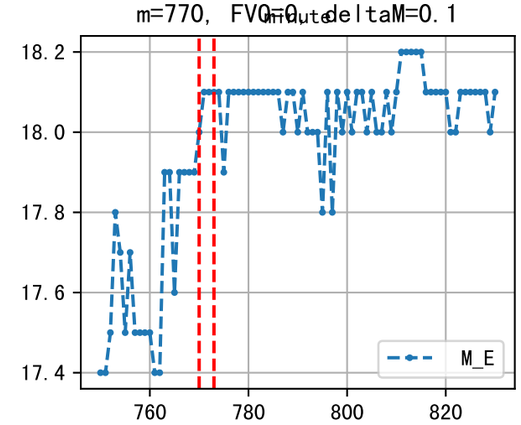

M_E
hour

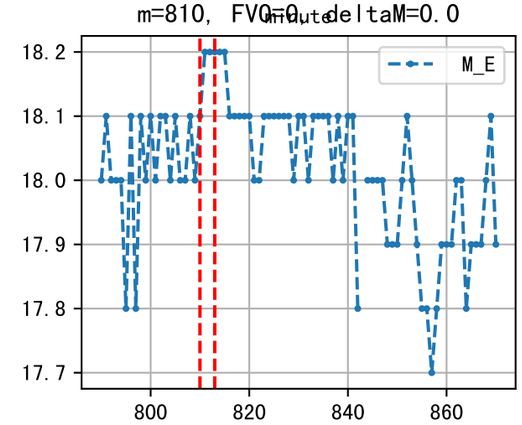

m=625, FVO=0, deltaM=0.3
M_E
minute

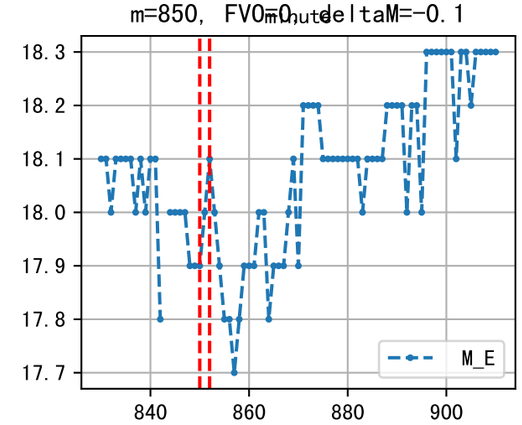

m=655, FVO=0, deltaM=0.2
M_E
minute

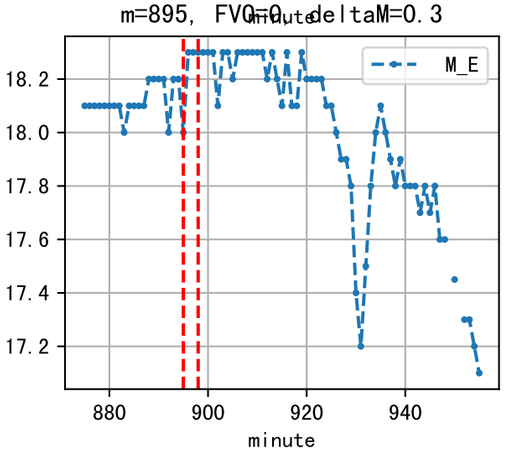

m=685, FVO=0, deltaM=0.2
M_E
minute

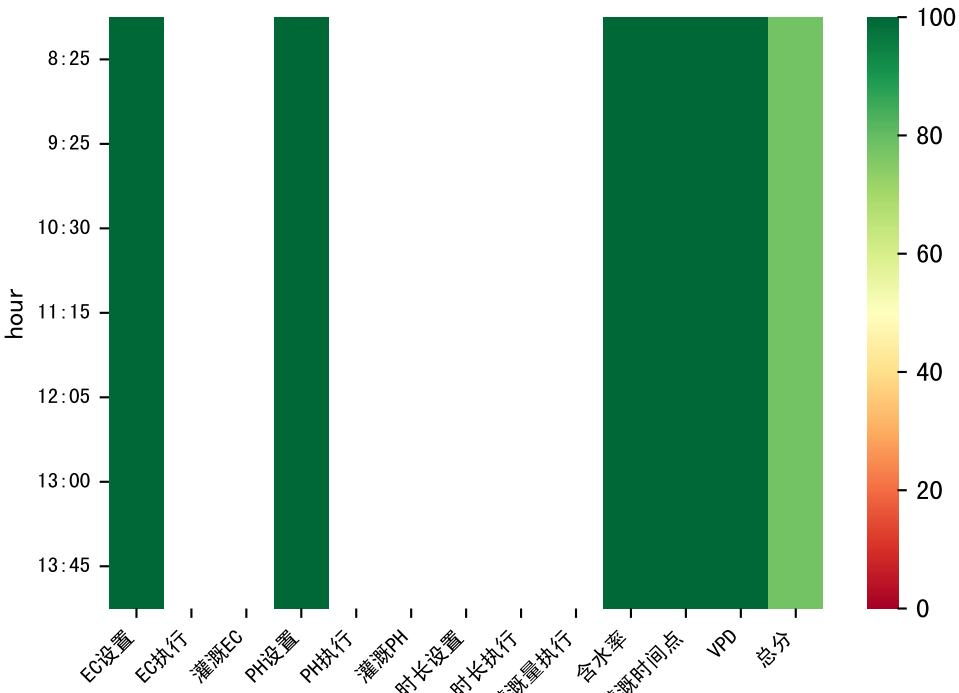

m=725, FVO=0, deltaM=0.2
M_E
minute


m=770, FVO=0, deltaM=0.1
M_E
minute


m=810, FVO=0, deltaM=0.0
M_E
minute


m=850, FVO=0, deltaM=-0.1
M_E
minute

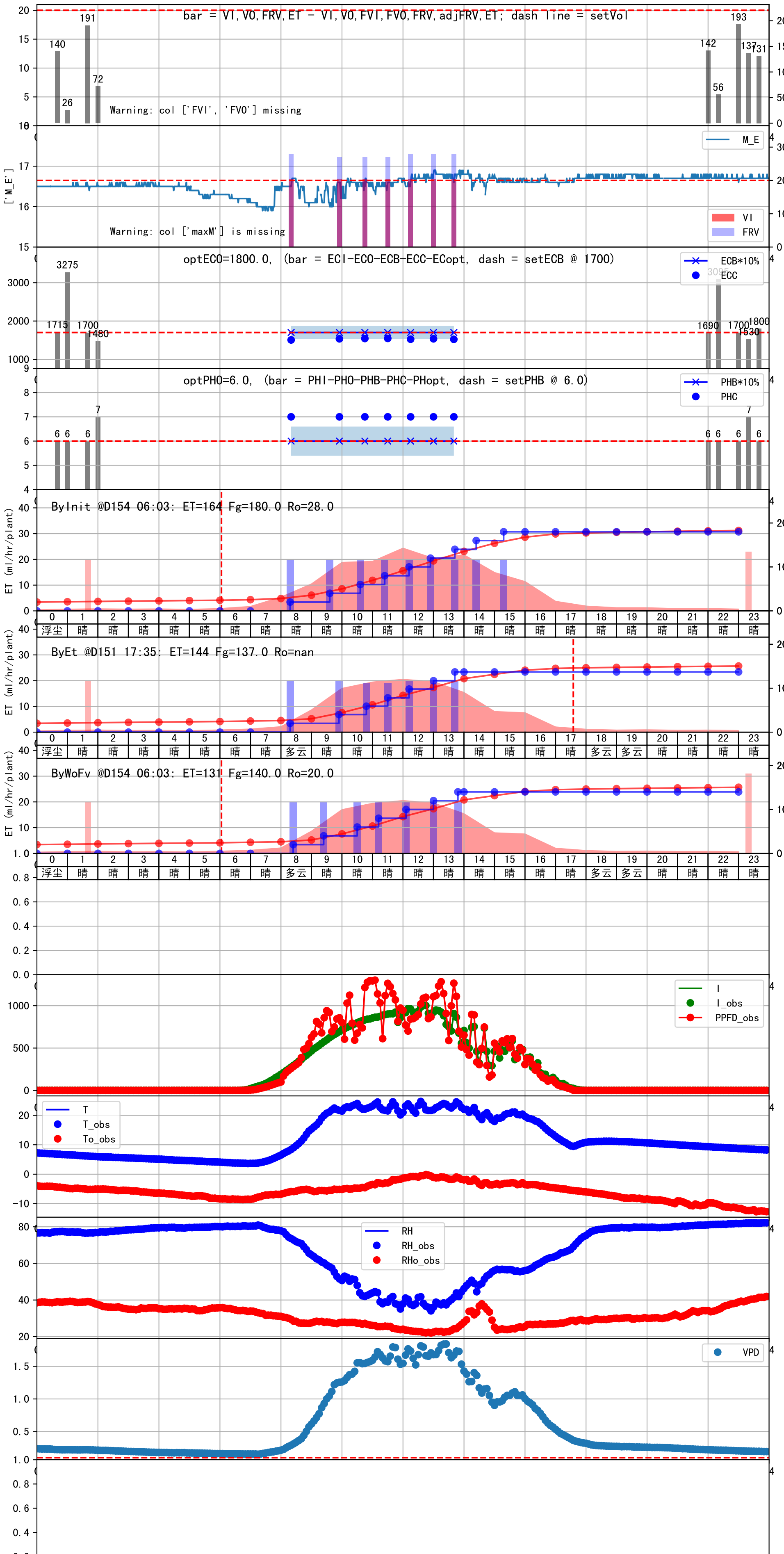

m=895, FVO=0, deltaM=0.3
M_E
minute

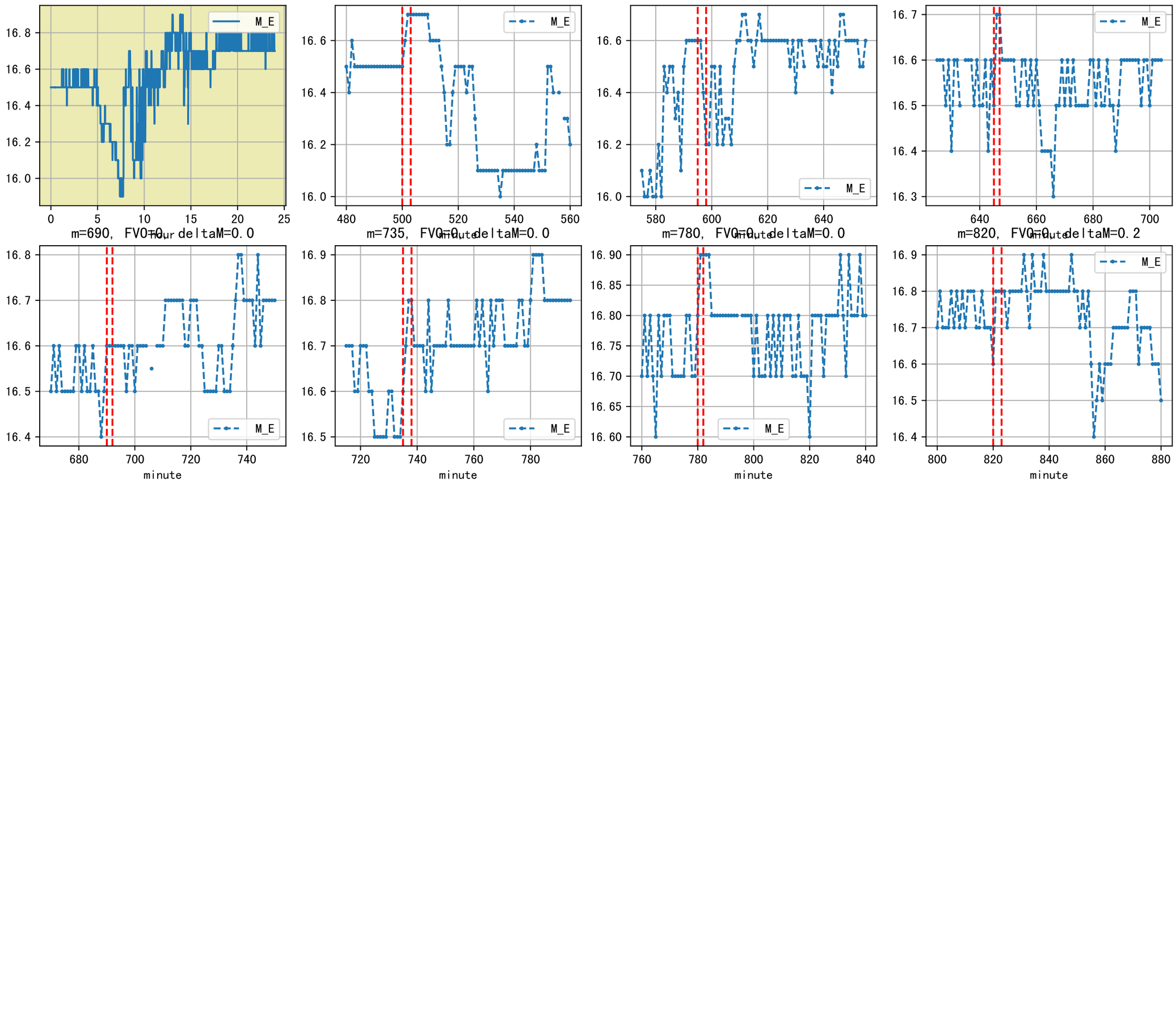

hour
8:25
9:25
10:30
11:15
12:05
13:00
13:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

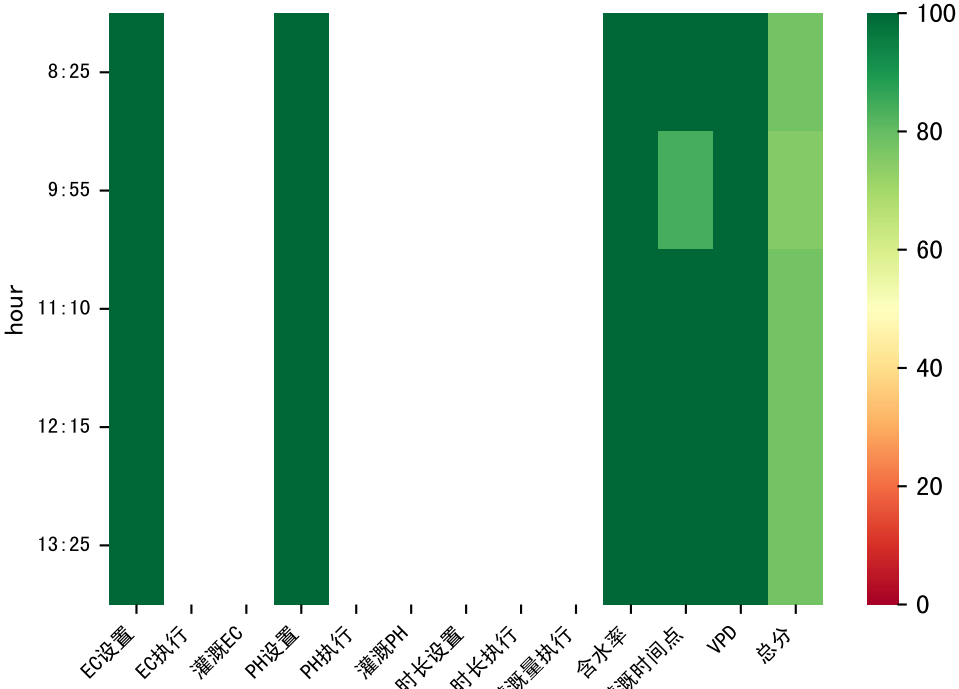
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	152	20.0	0.441	多云	假设@08:25 自动（未用传感器）
09:25	152	20.0	0.441	晴	假设@09:25 自动（未用传感器）
10:30	152	20.0	0.441	晴	假设@10:30 自动（未用传感器）
11:15	152	20.0	0.441	晴	假设@11:15 自动（未用传感器）
12:05	152	20.0	0.441	晴	假设@12:05 自动（未用传感器）
13:00	152	20.0	0.441	晴	假设@13:00 自动（未用传感器）
13:45	152	20.0	0.441	晴	假设@13:45 自动（未用传感器）
总计	1064.0 (7次)	140.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (28.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

P2A1_0, Day=151.0 (2026-02-22)



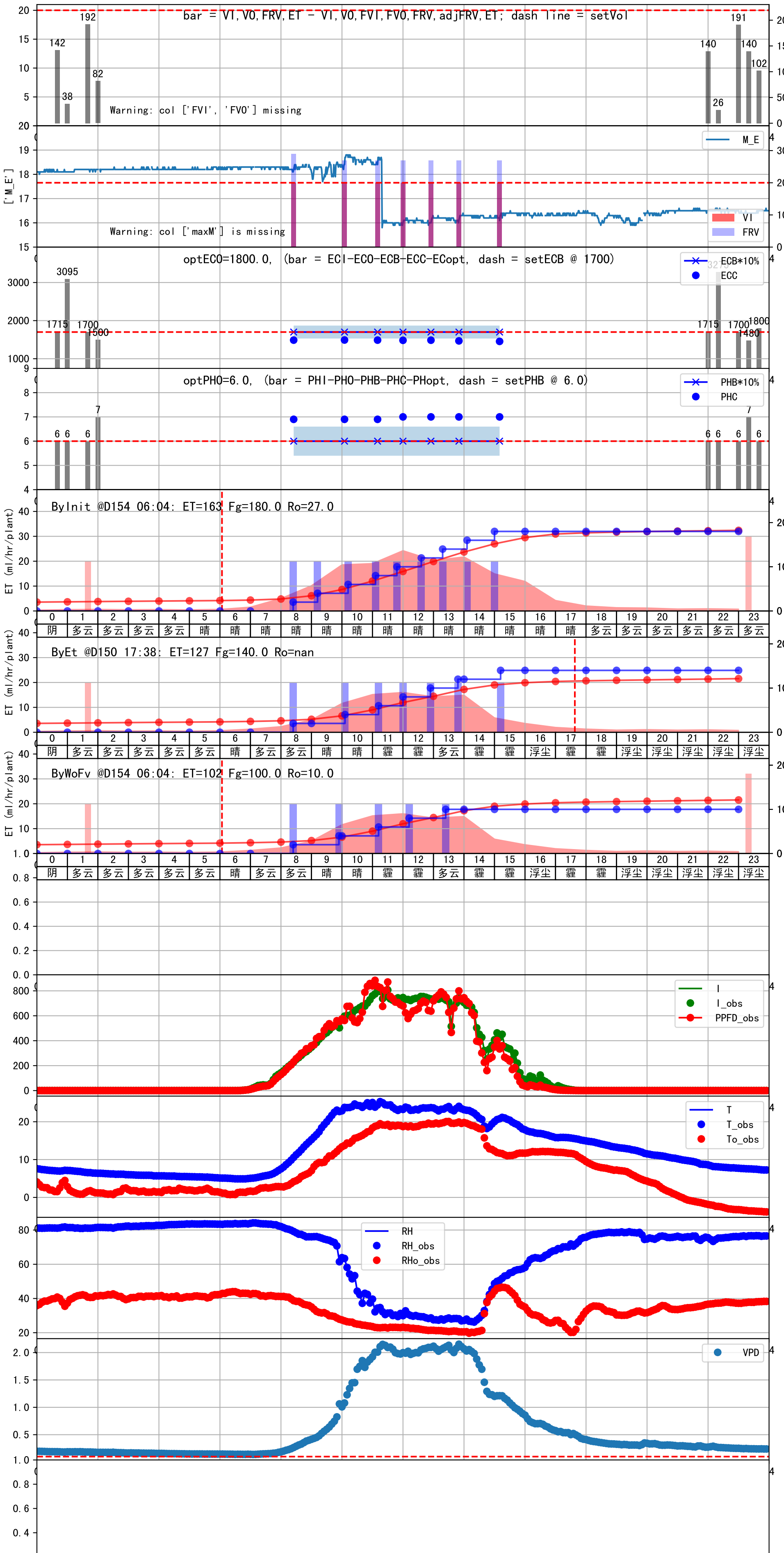

m=500, FVO=0, deltaM=0.2
m=595, FVO=0, deltaM=-0.1
m=645, FVO=0, deltaM=0.0
m=690, FVO=0, deltaM=0.0
m=735, FVO=0, deltaM=0.0
m=780, FVO=0, deltaM=0.0
m=820, FVO=0, deltaM=0.2
M_E
minute

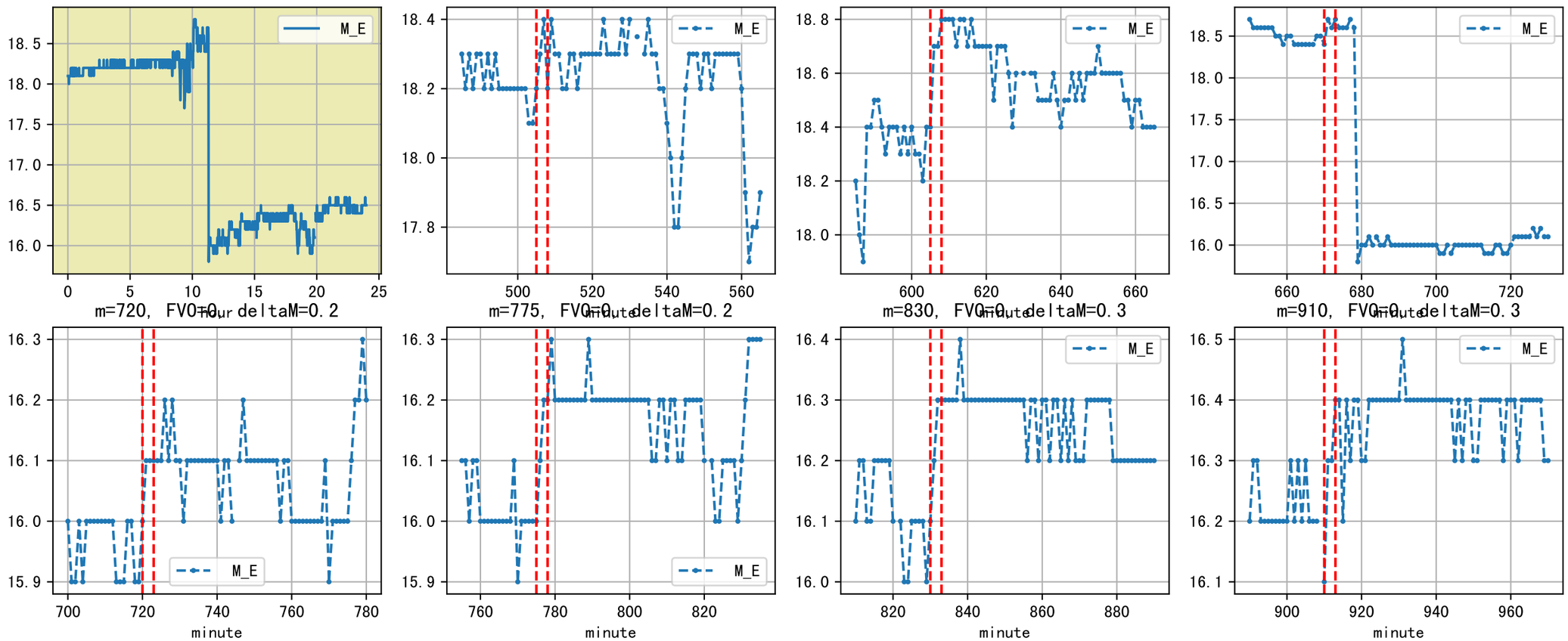

hour
8:25
9:55
11:10
12:15
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	153	20.0	0.441	多云	假设@08:25 自动（未用传感器）
09:55	153	20.0	0.441	晴	假设@09:55 自动（未用传感器）
11:10	153	20.0	0.441	霾	假设@11:10 自动（未用传感器）
12:15	153	20.0	0.441	霾	假设@12:15 自动（未用传感器）
13:25	153	20.0	0.441	多云	假设@13:25 自动（未用传感器）
总计	765.0 (5次)	100.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 20.0)，可能由于一阀多区不均匀
默认实际灌溉20.0 ml.

P2A1_0, Day=150.0 (2026-02-21)




M_E
m=505, FVO=0, deltaM=0.0
m=605, FVO=0, deltaM=0.4
m=670, FVO=0, deltaM=0.2
m=720, FVO=0, deltaM=0.2
m=775, FVO=0, deltaM=0.2
m=830, FVO=0, deltaM=0.3
m=910, FVO=0, deltaM=0.3
minute