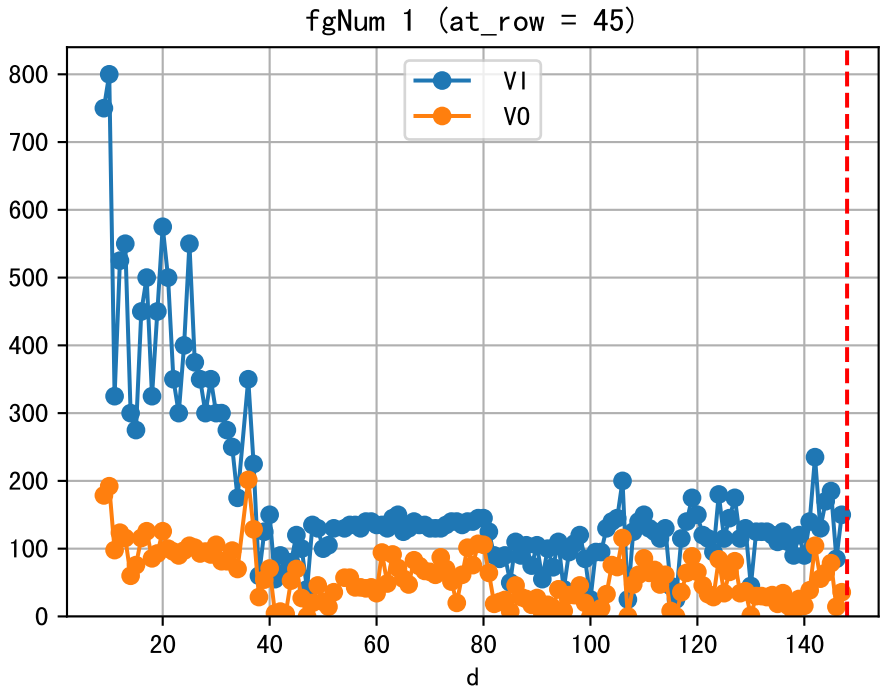
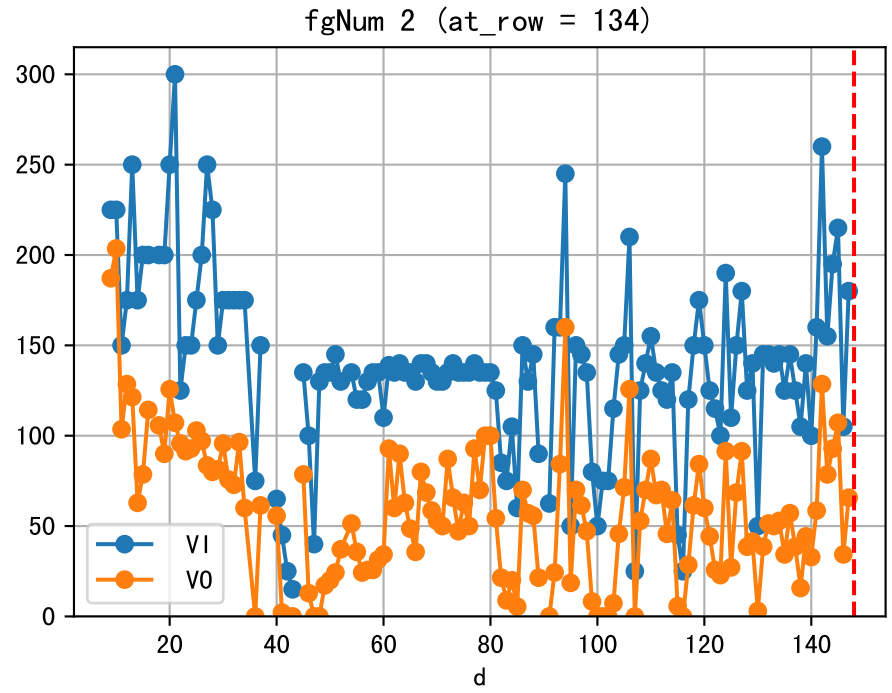
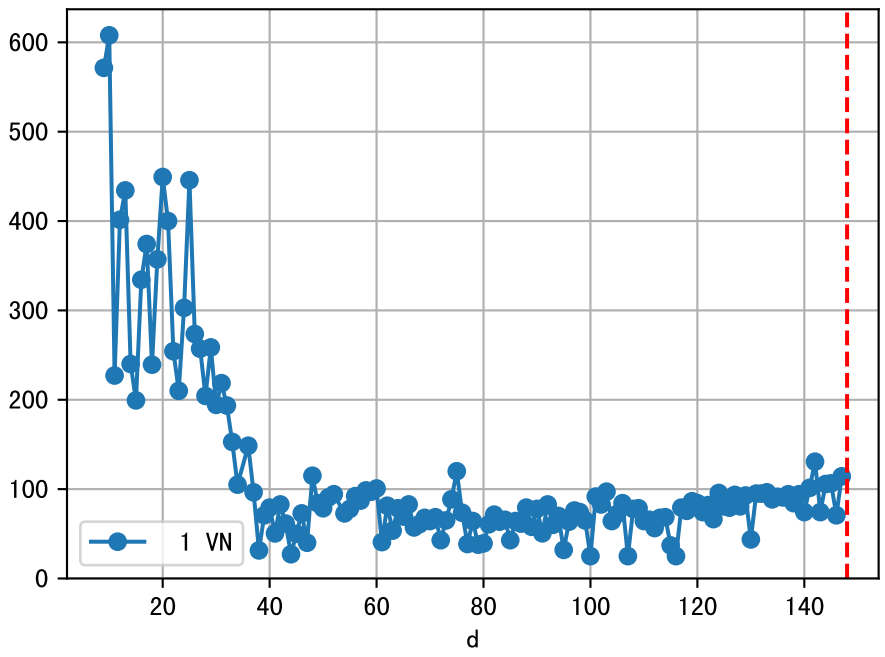
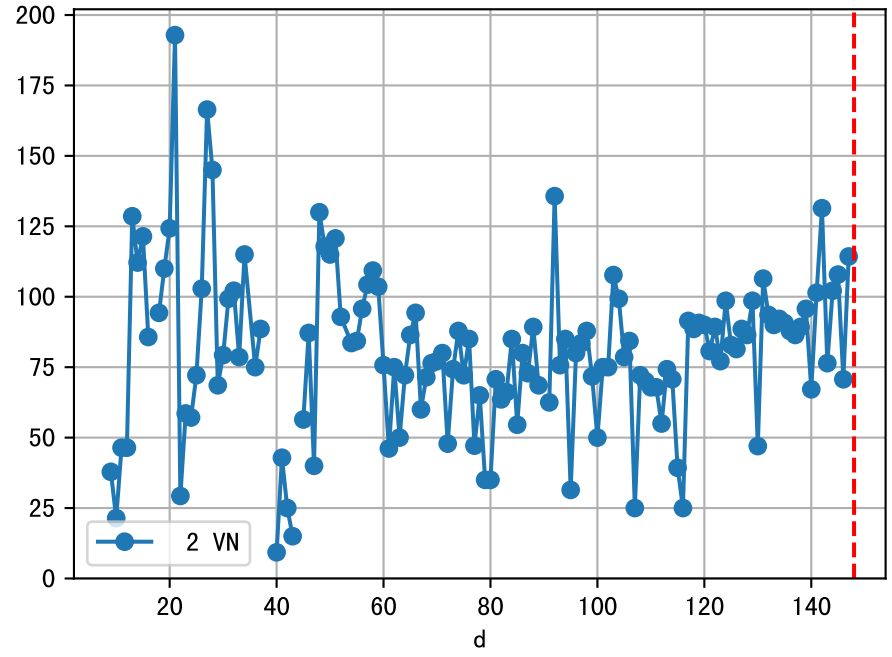
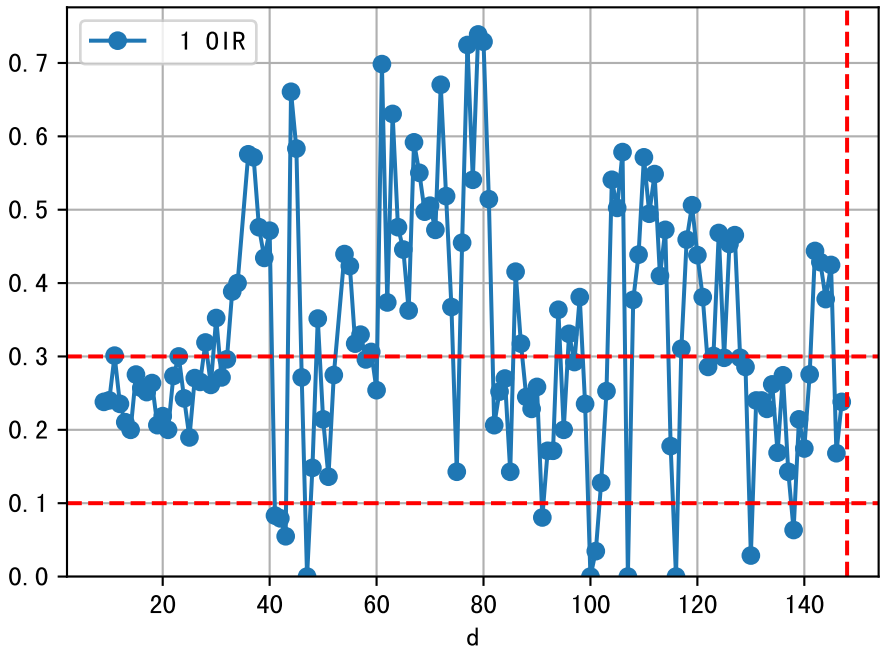
FgArea: ['0']
NC11 P2
2026-02-19 (Day 148)

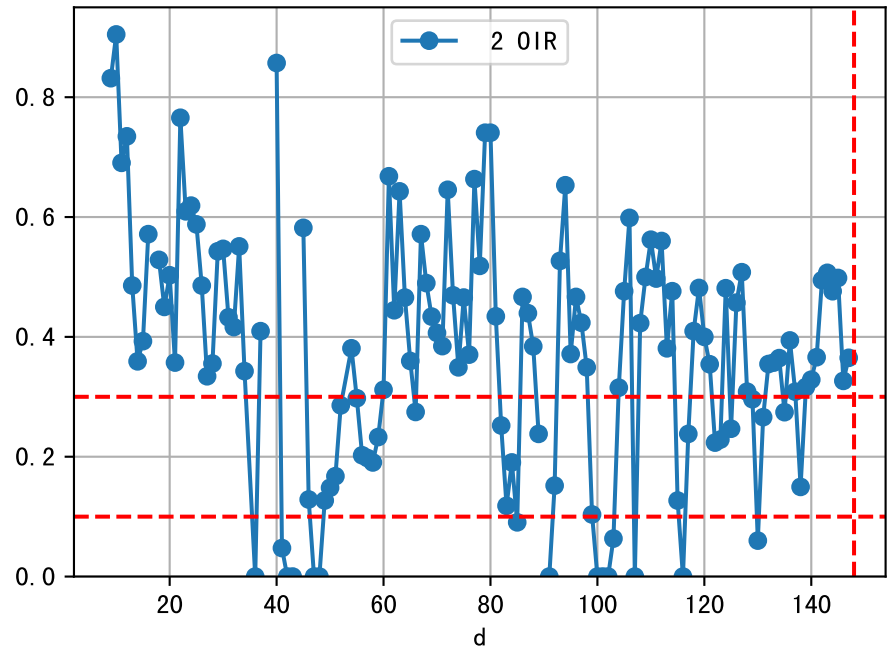

fgNum 1 (at_row = 45)
VI
VO
d

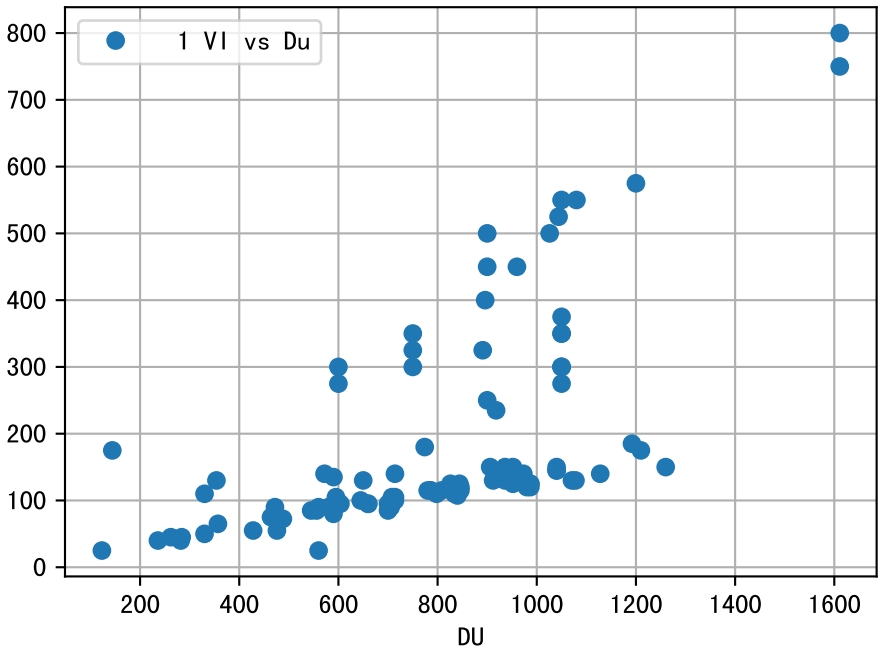

fgNum 2 (at_row = 134)
VI
VO
d

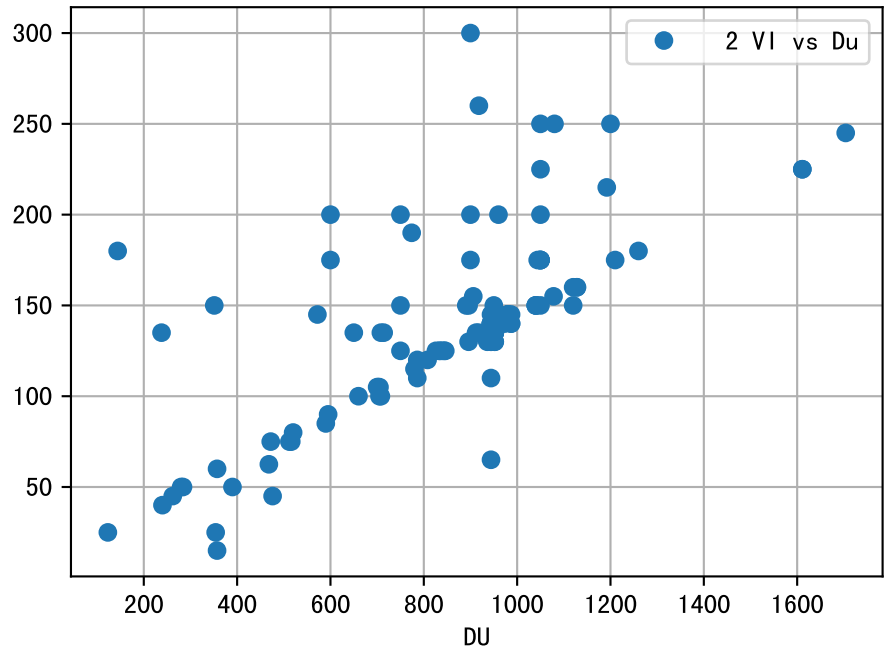

1 VN
d

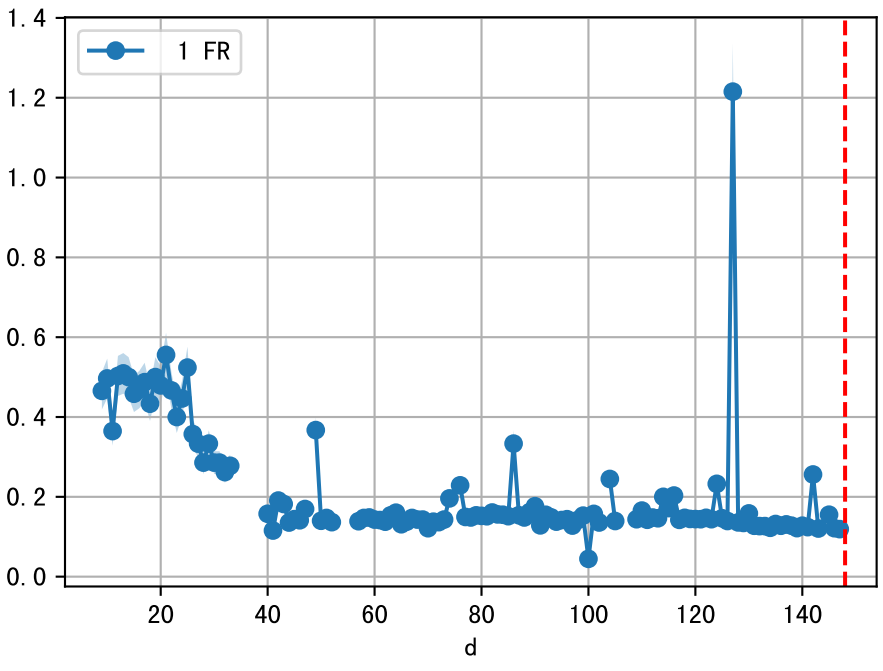

2 VN
d

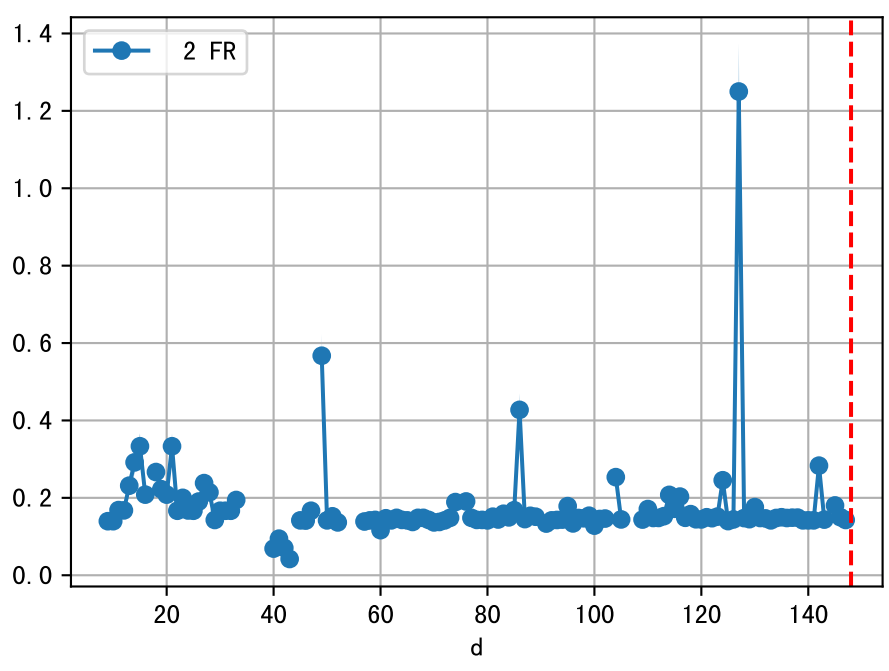

1 OIR
d

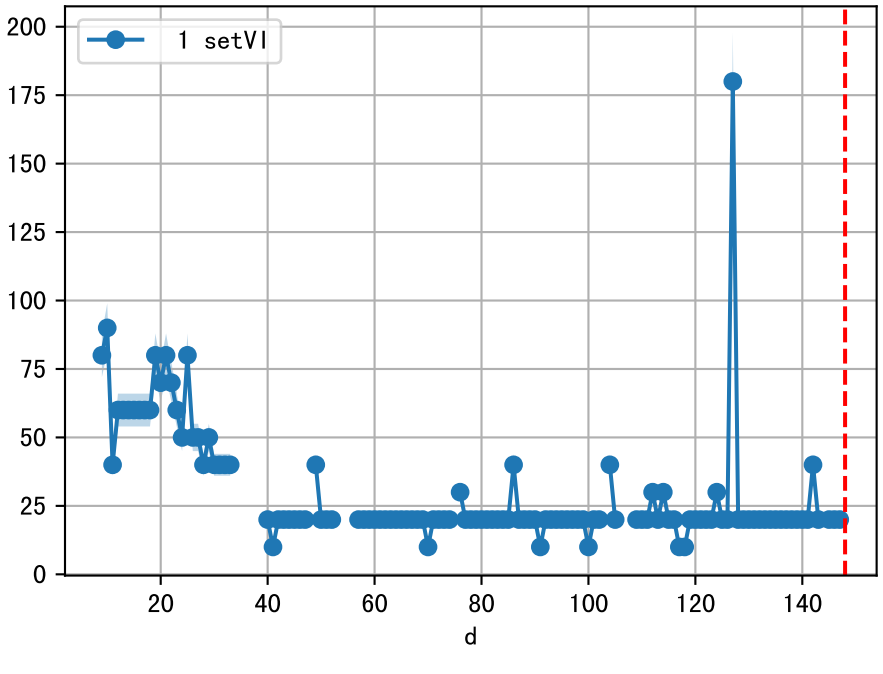

2 OIR
d

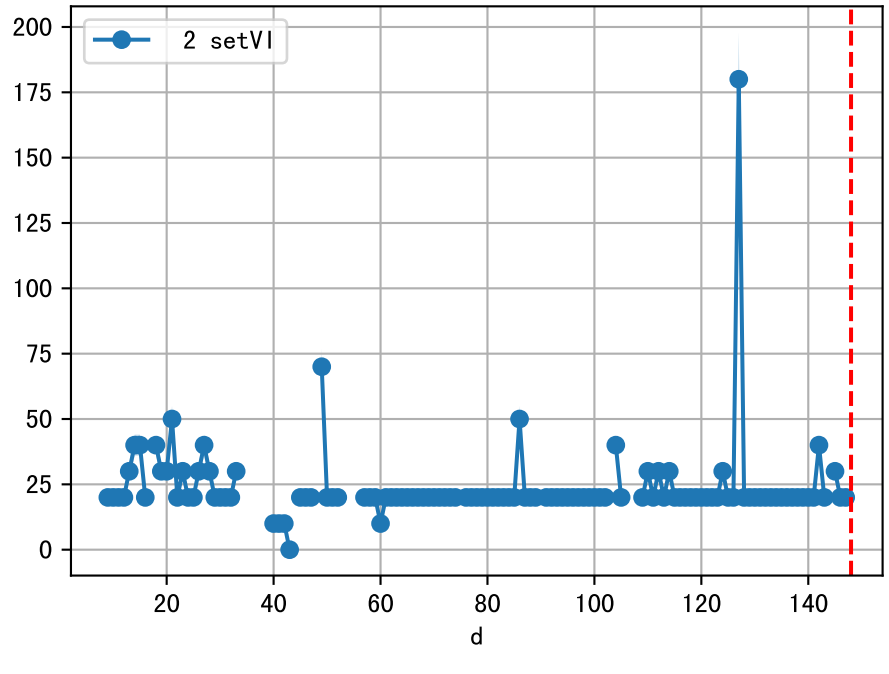

1 VI vs Du
DU

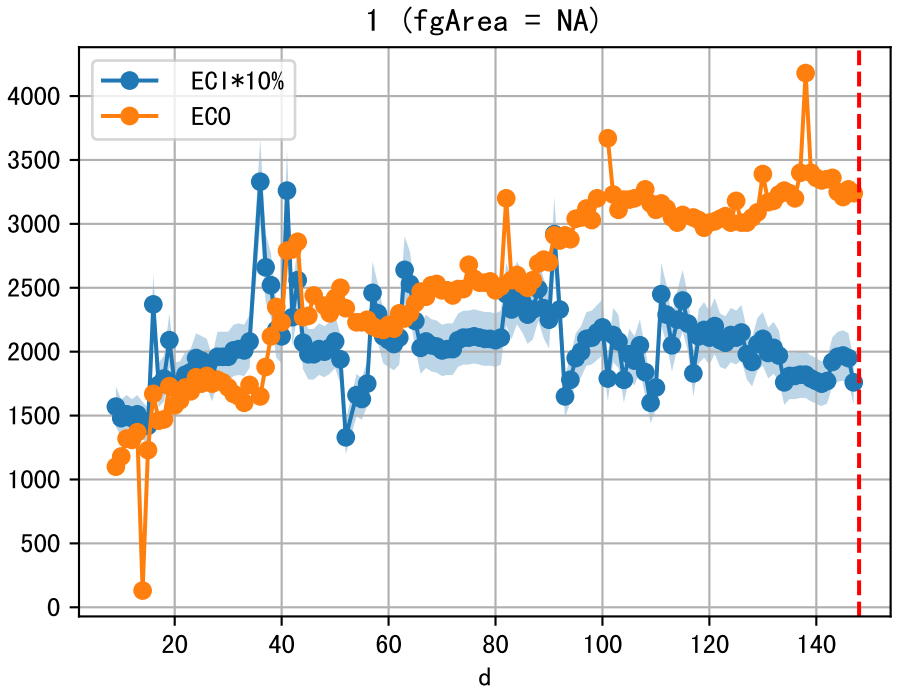

2 VI vs Du
DU

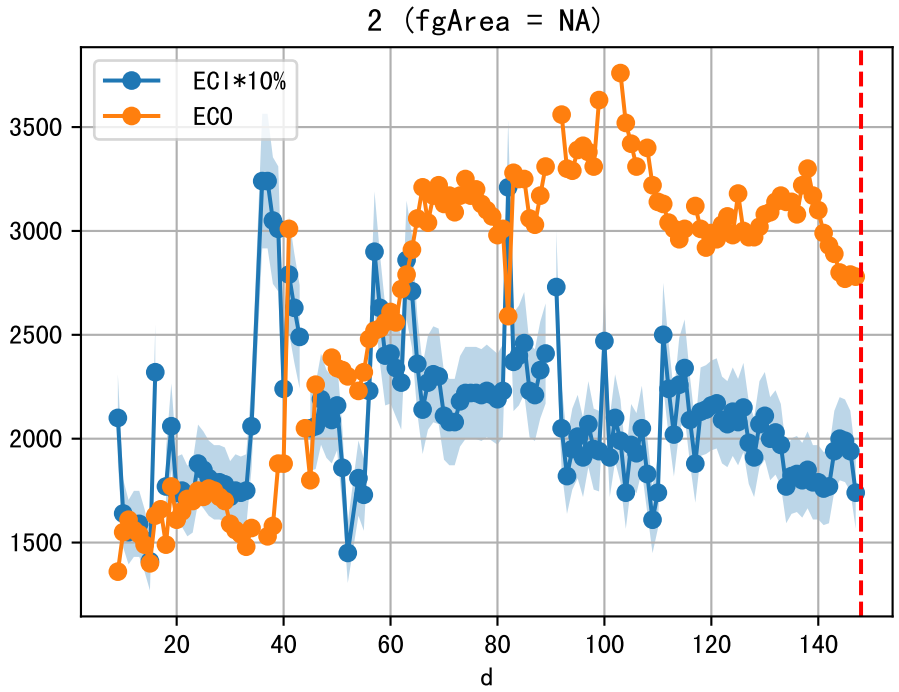

1 FR
d

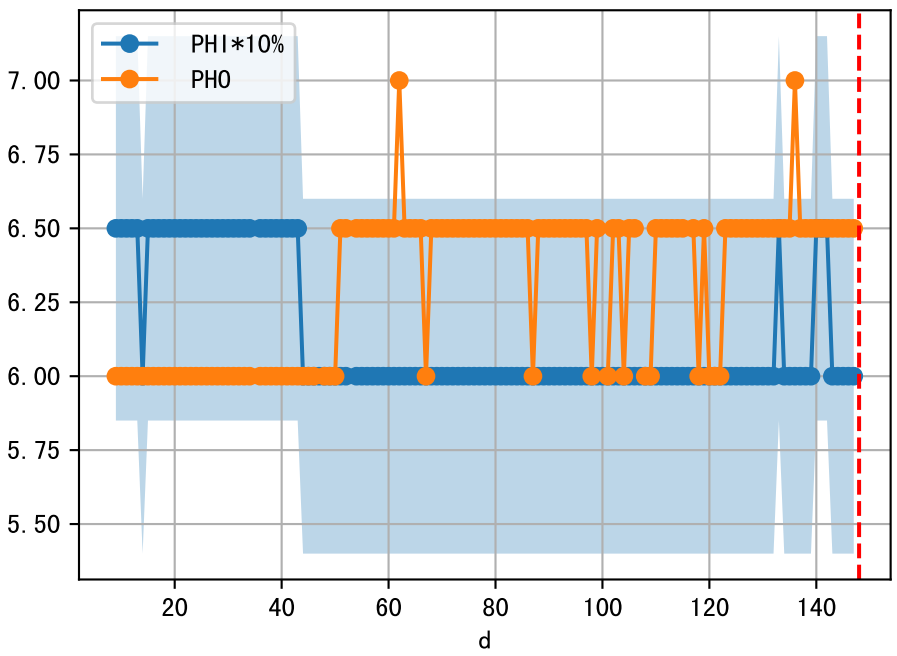

2 FR
d

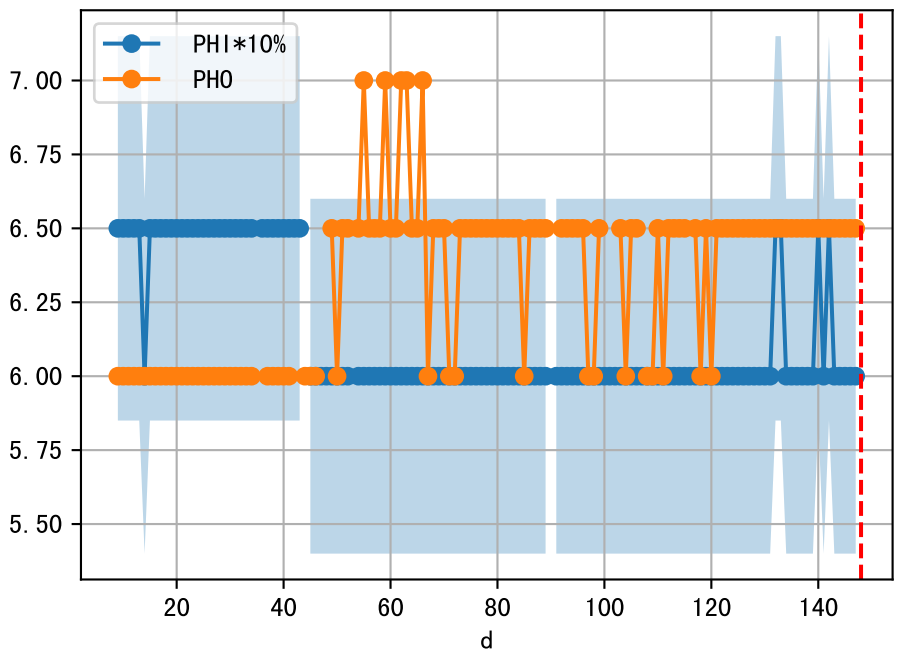

1 setVI
d

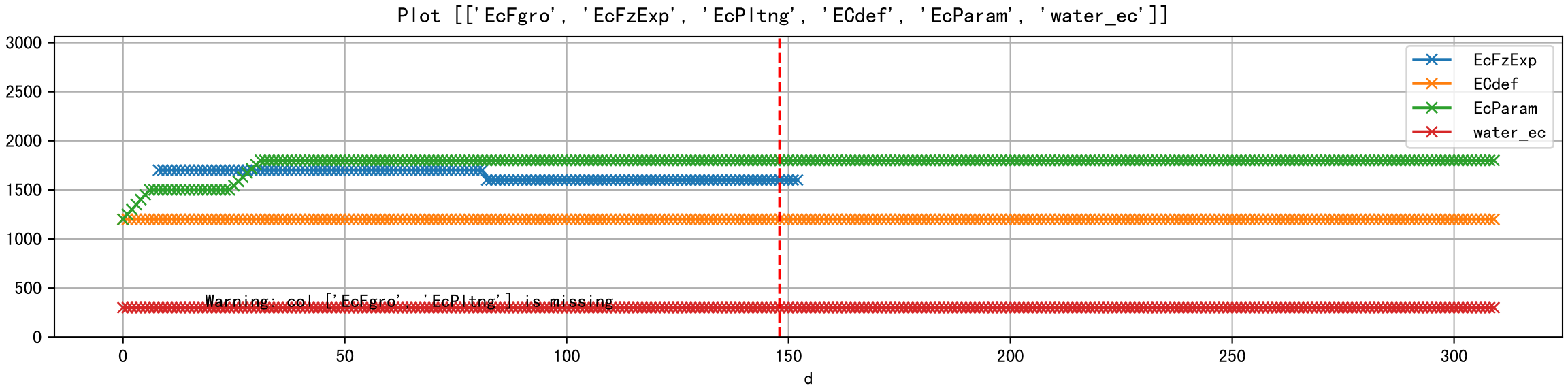

2 setVI
d

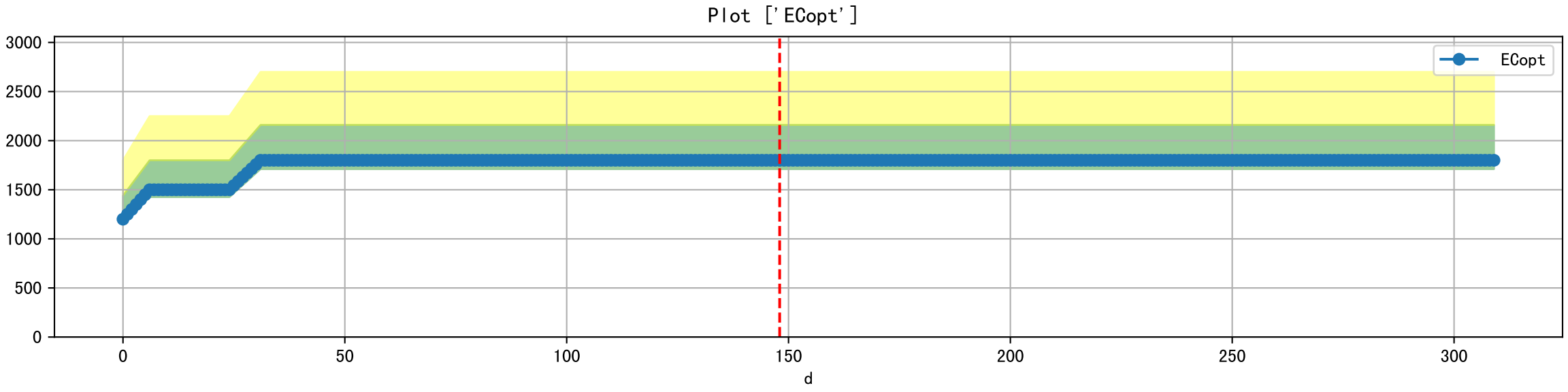

1 (fgArea = NA)
ECI*10%
ECO
4000
3500
3000
2500
2000
1500
1000
500
0
20
40
60
80
100
120
140
d

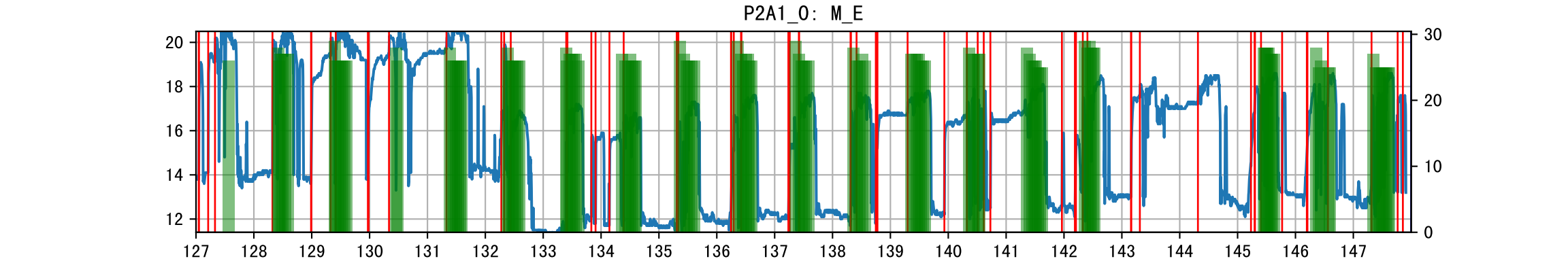

2 (fgArea = NA)
ECI*10%
ECO
3500
3000
2500
2000
1500
20
40
60
80
100
120
140
d

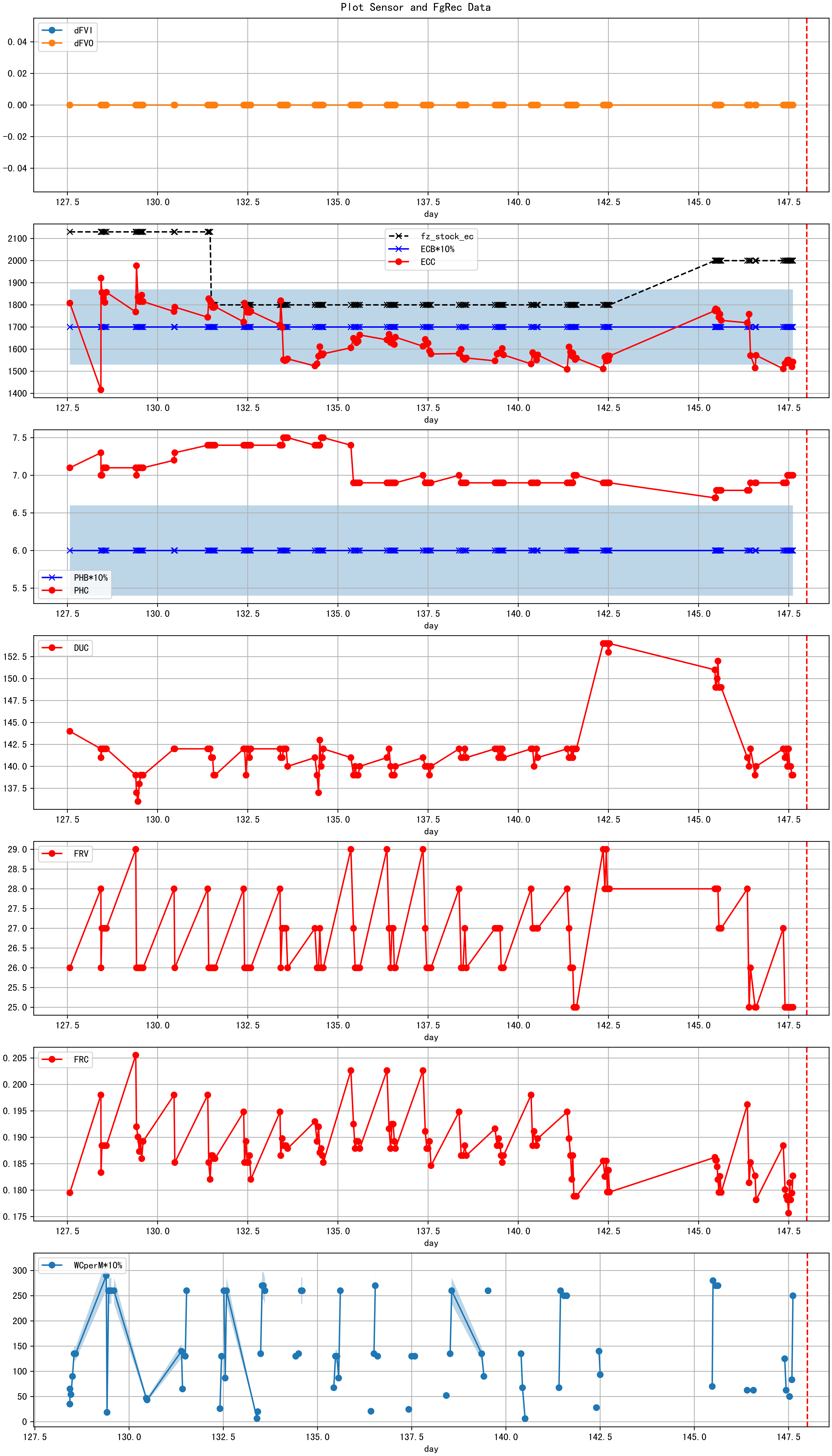

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
d

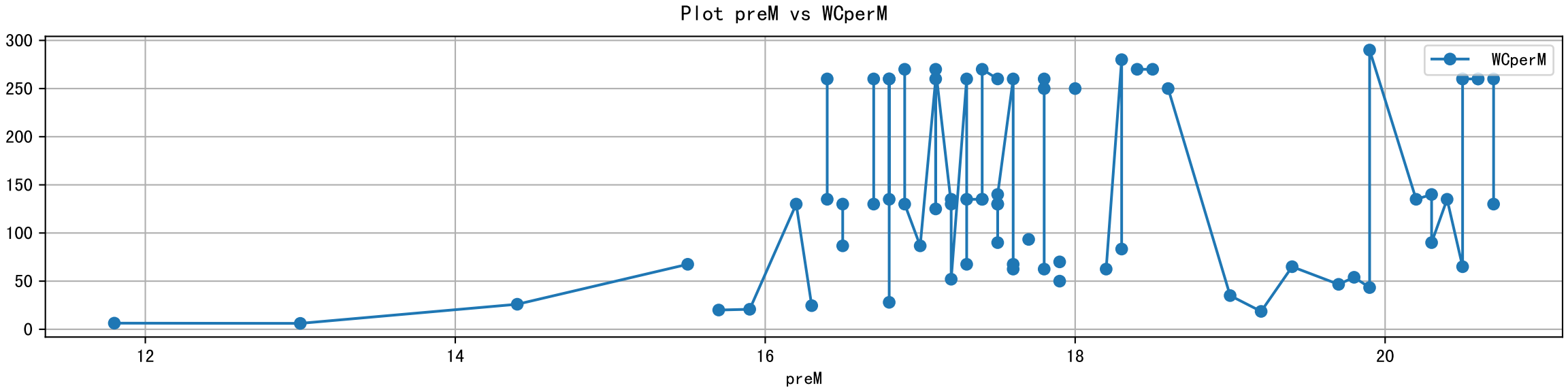

PHI*10%
PHO
7.00
6.75
6.50
6.25
6.00
5.75
5.50
20
40
60
80
100
120
140
d

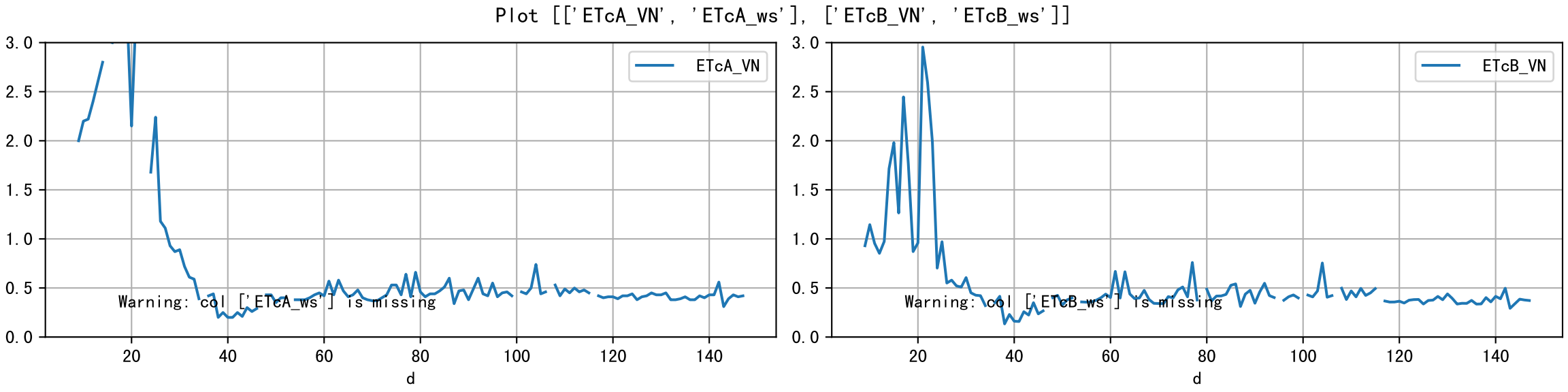

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

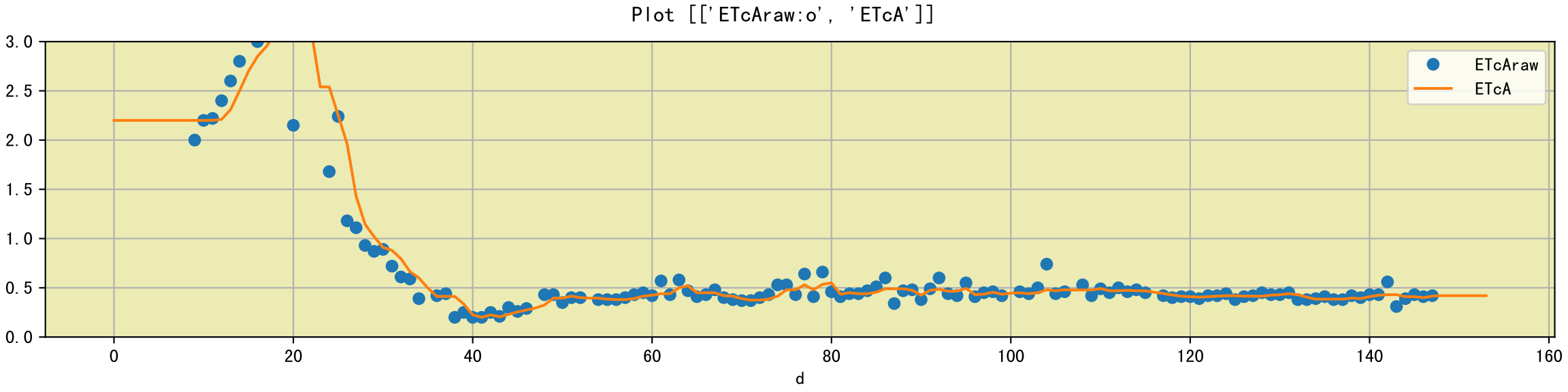

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

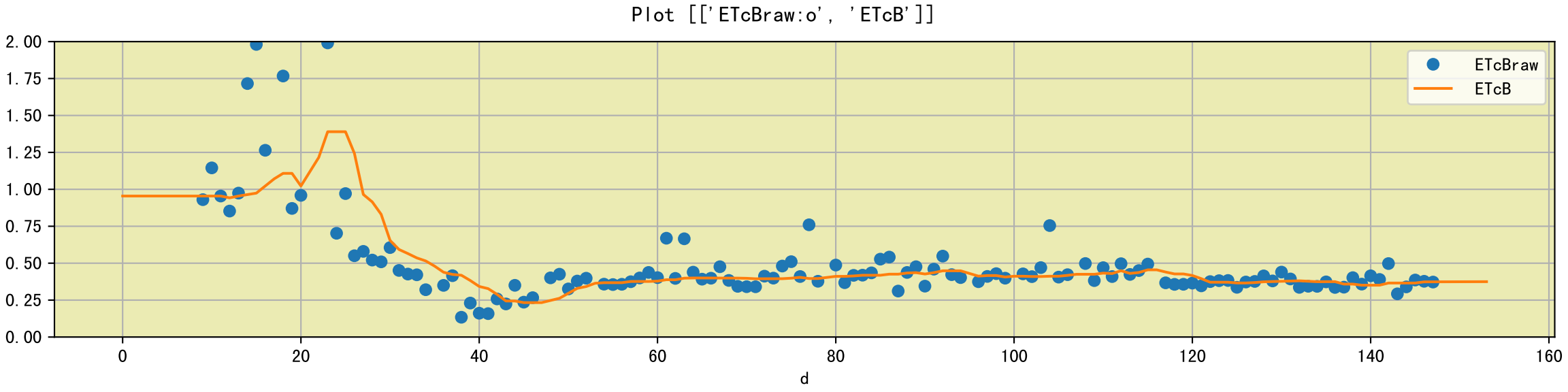

P2A1_0: M_E
20
18
16
14
12
30
20
10
0
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147


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

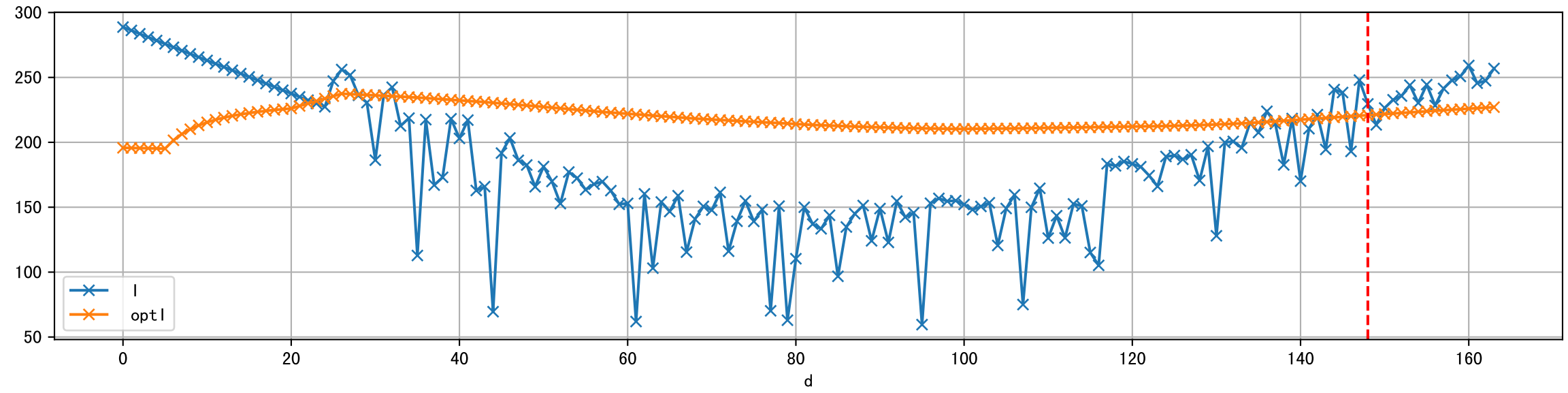

Plot preM vs WCperM
WCperM
300
250
200
150
100
50
0
12
14
16
18
20
preM

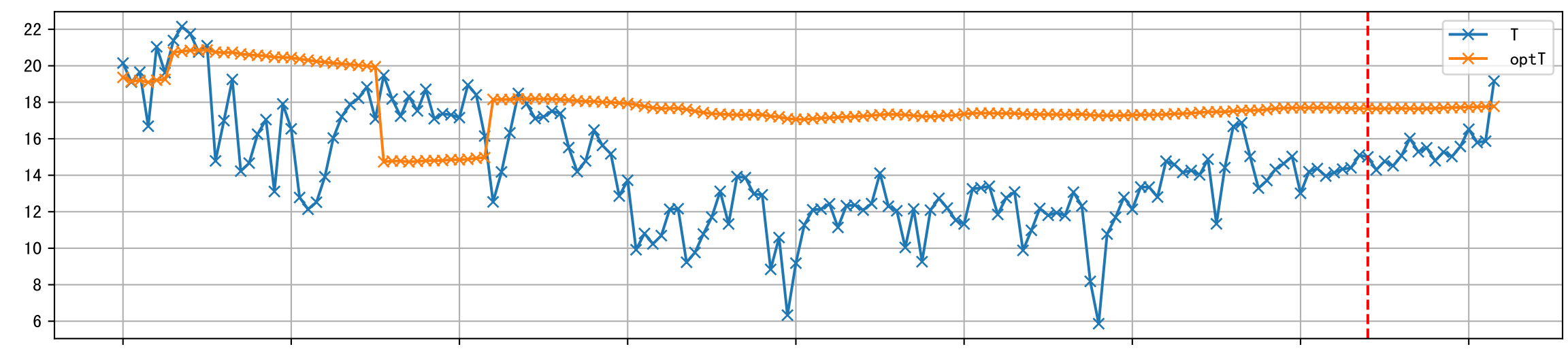

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

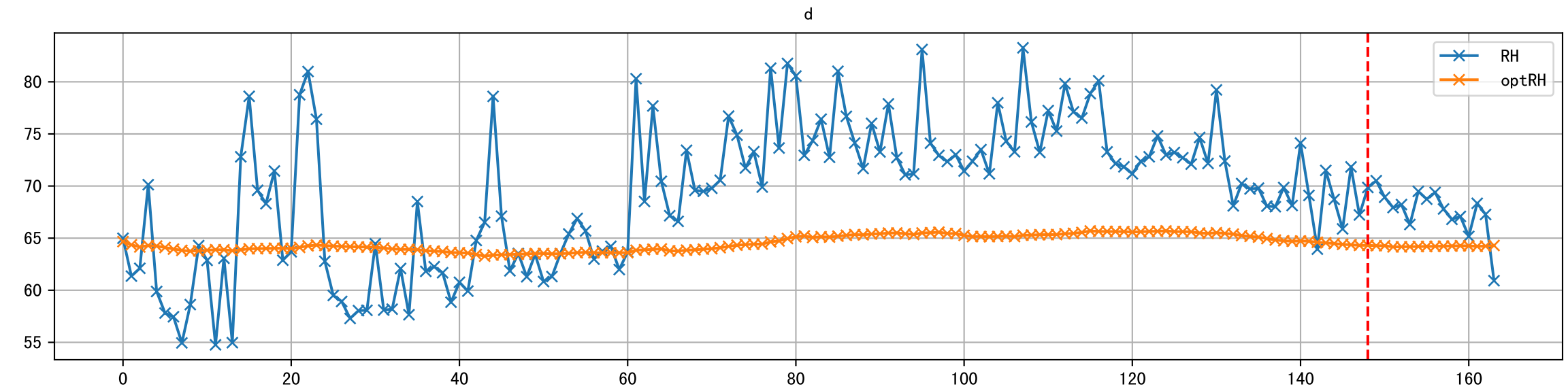

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
160
d

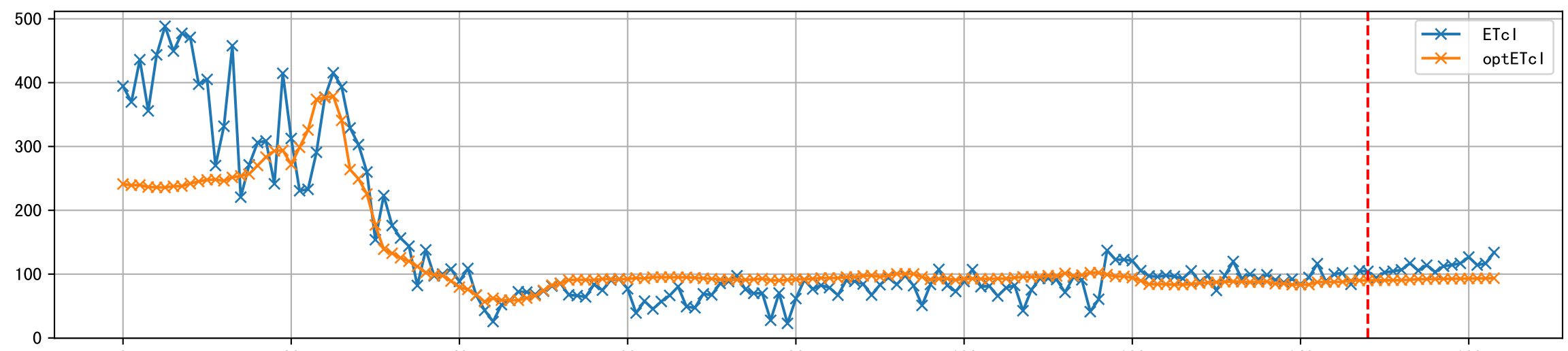

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
160
d

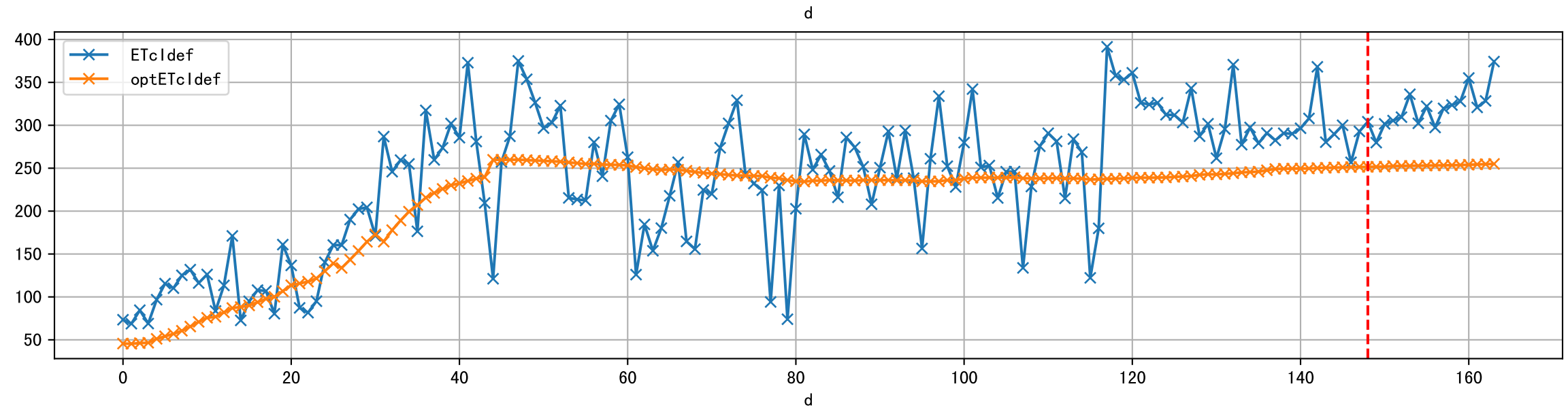
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

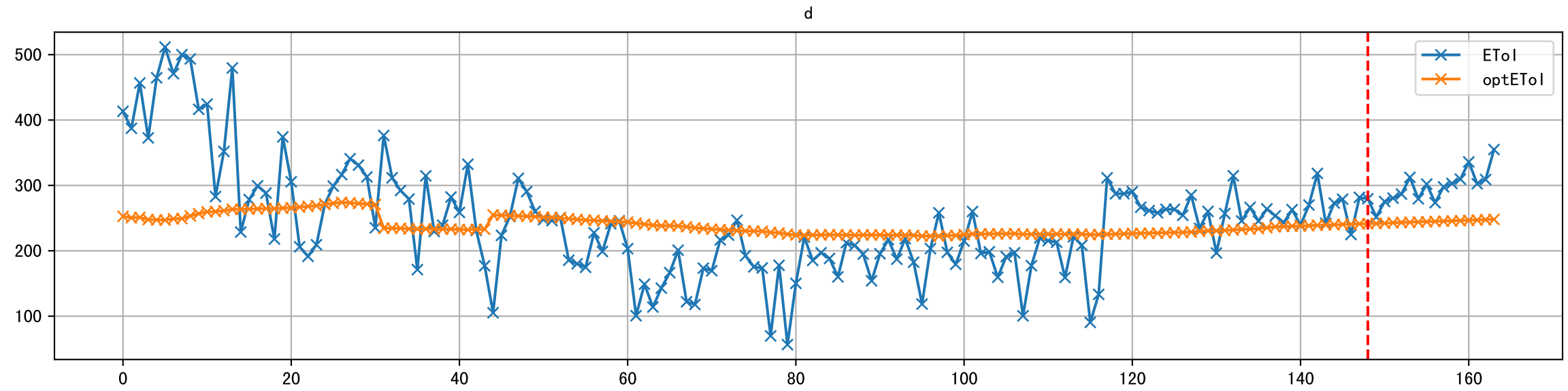


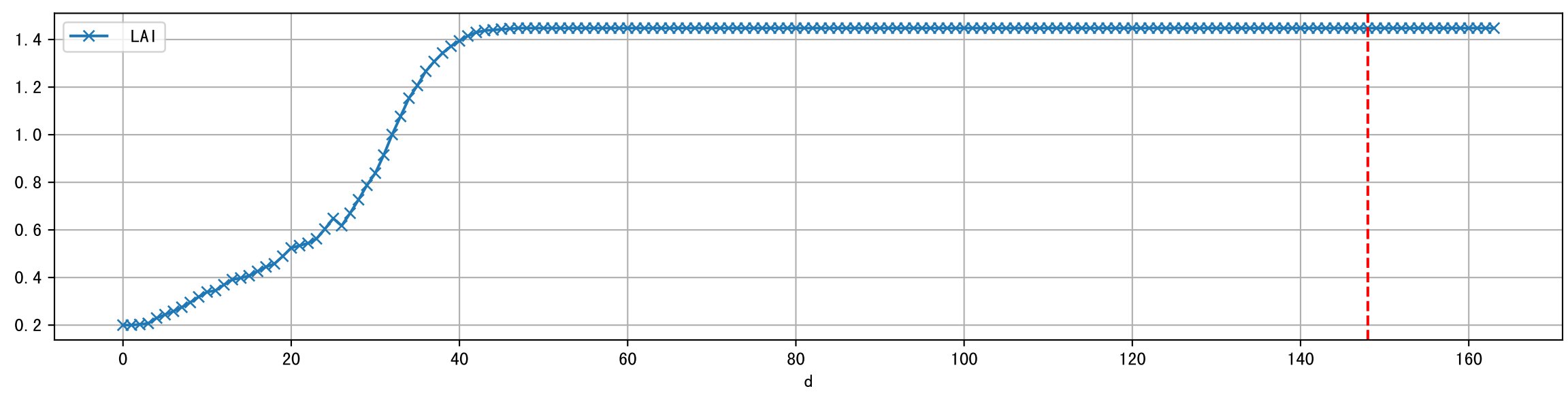


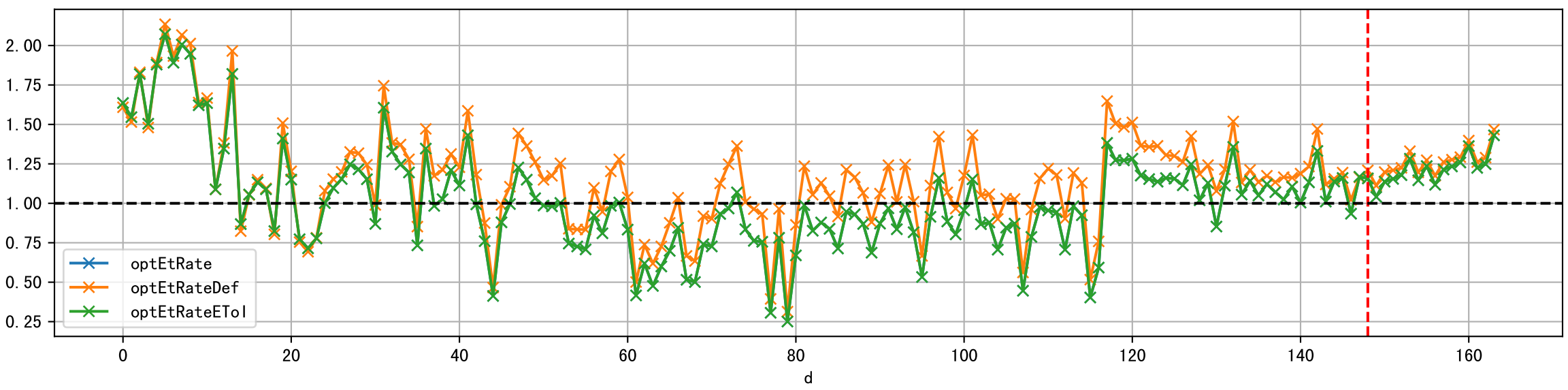


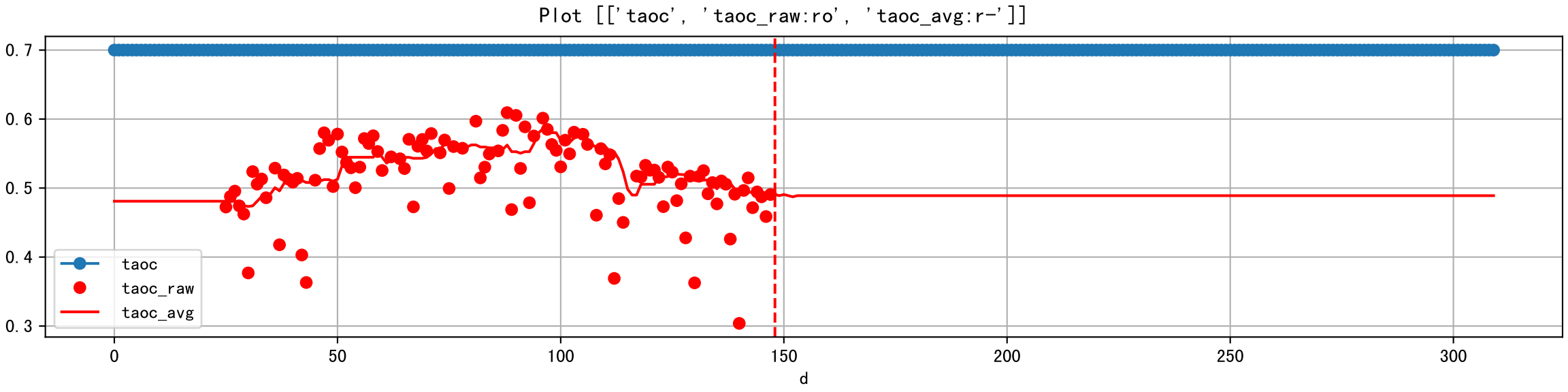


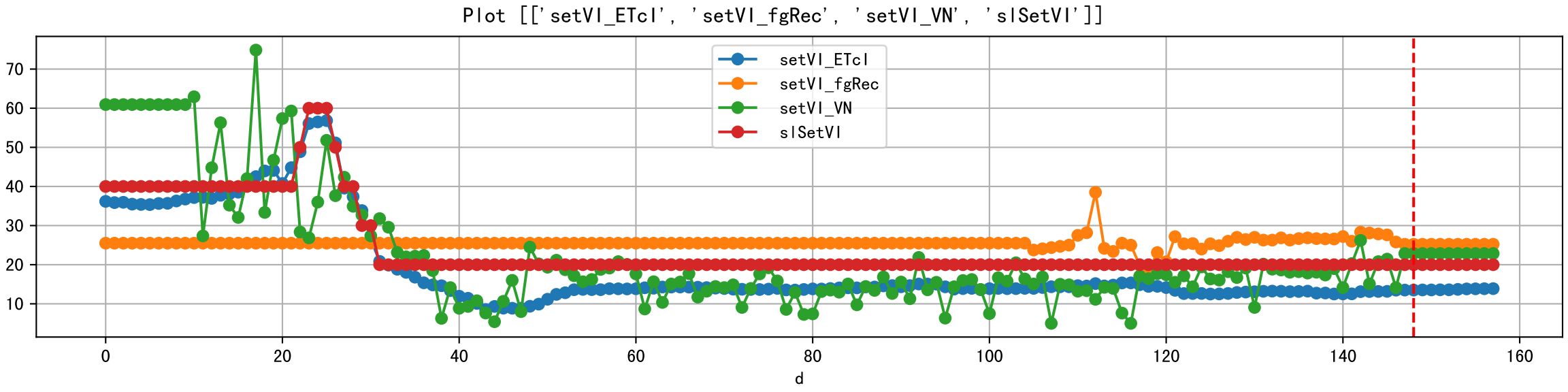


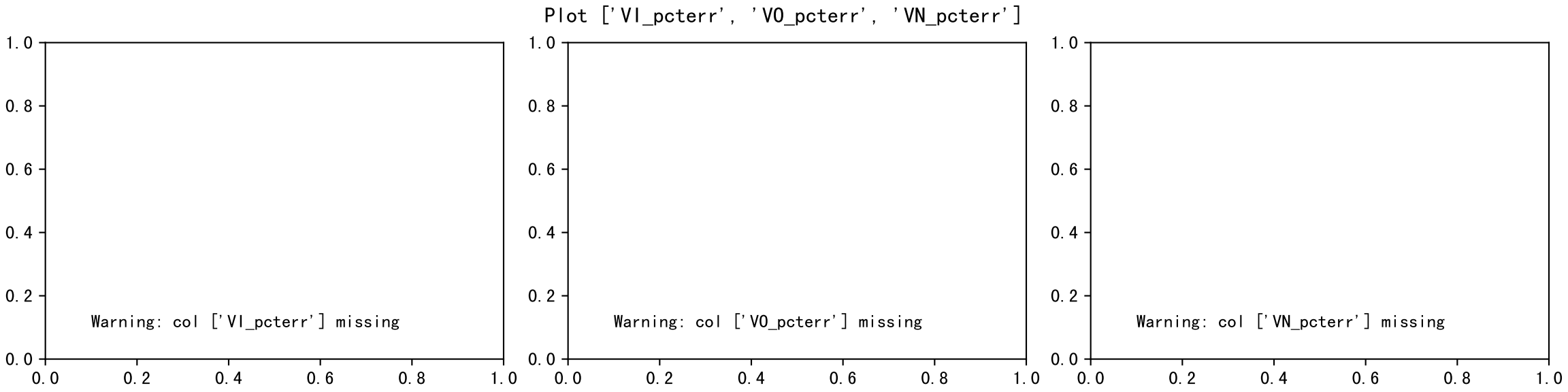


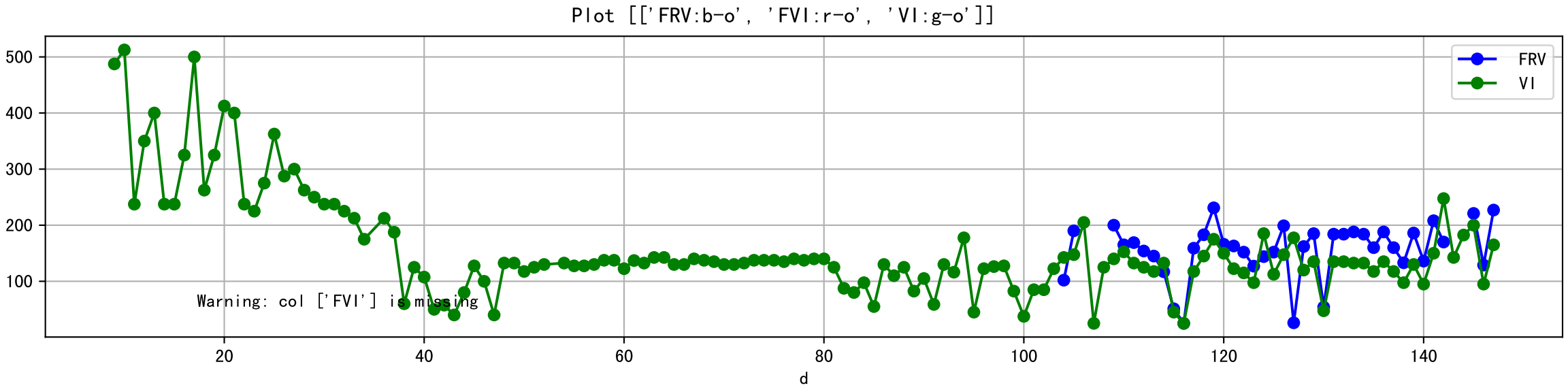


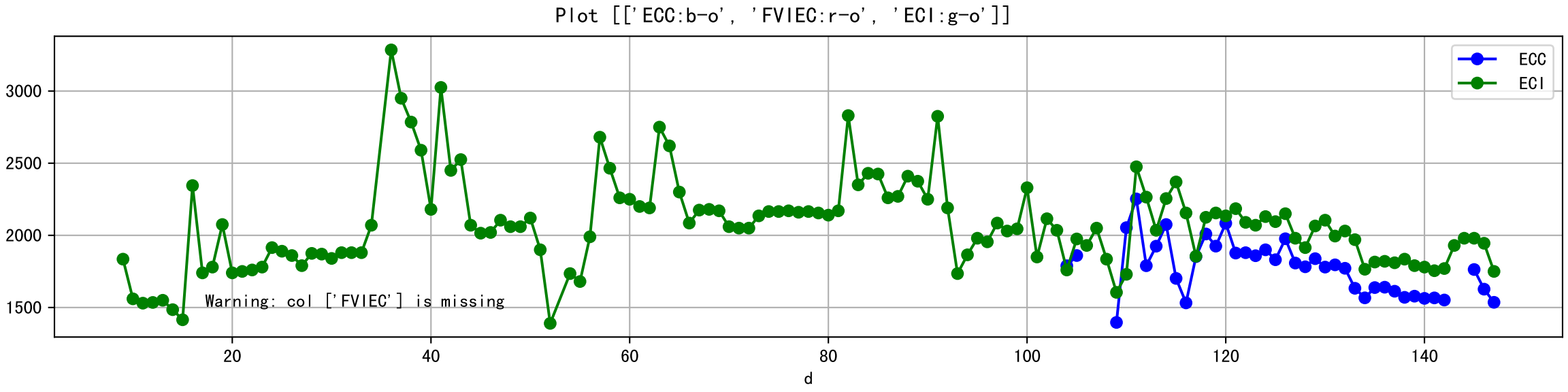


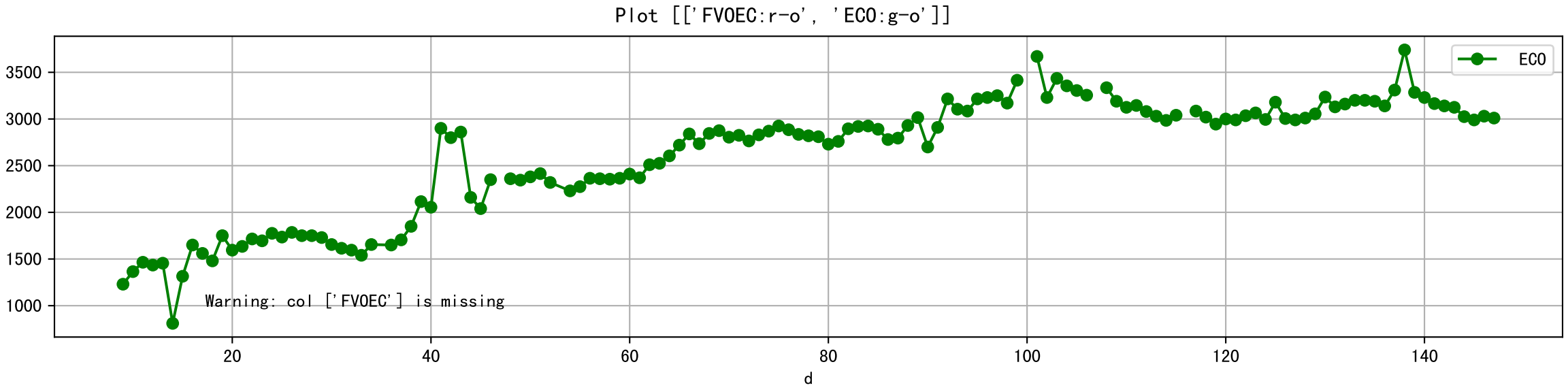

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0
50
100
150
200
250
300
d
taoc
taoc_raw
taoc_avg

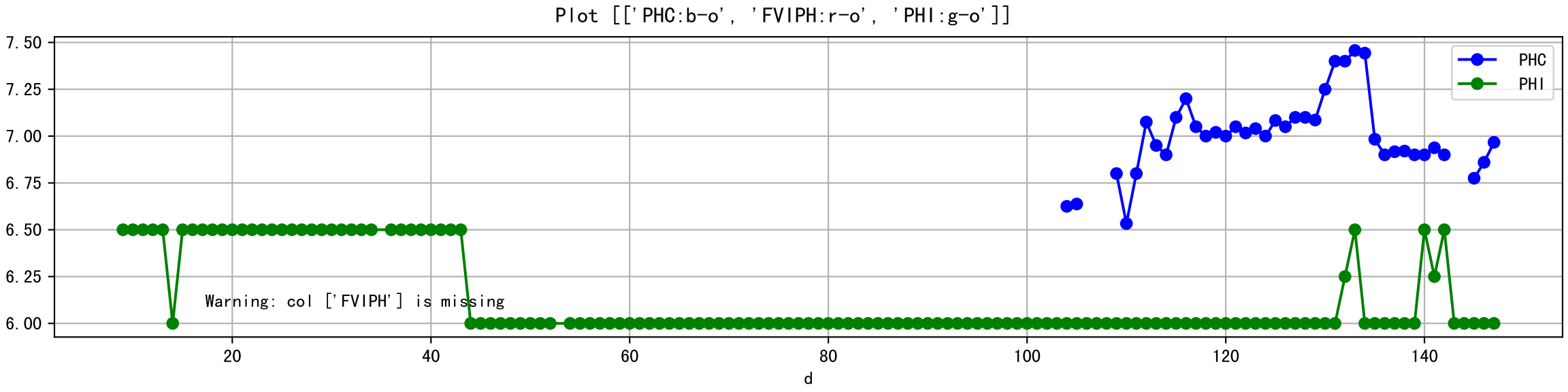

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
70
60
50
40
30
20
10
0
20
40
60
80
100
120
140
160
d

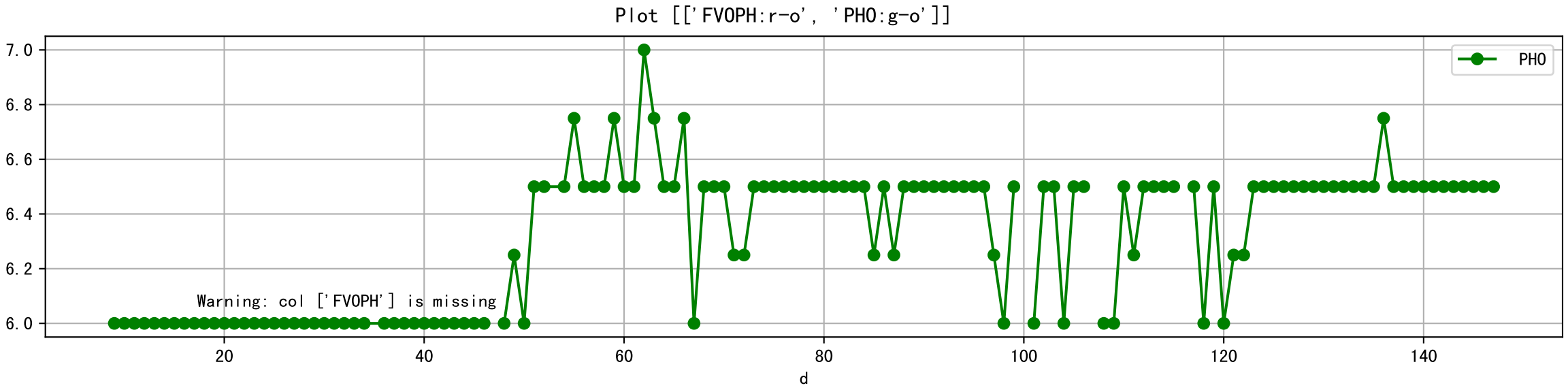

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

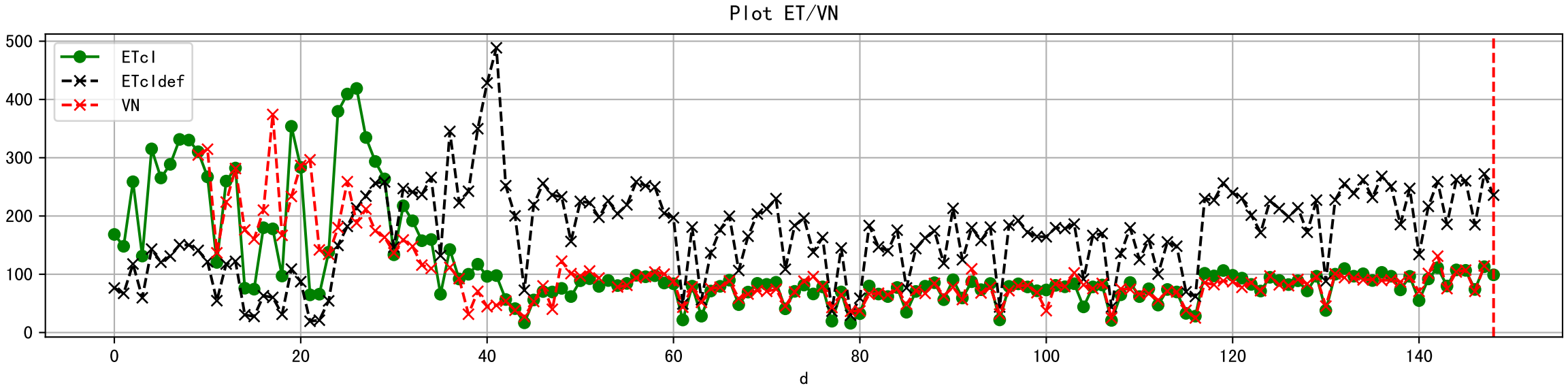

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
20
40
60
80
100
120
140
d

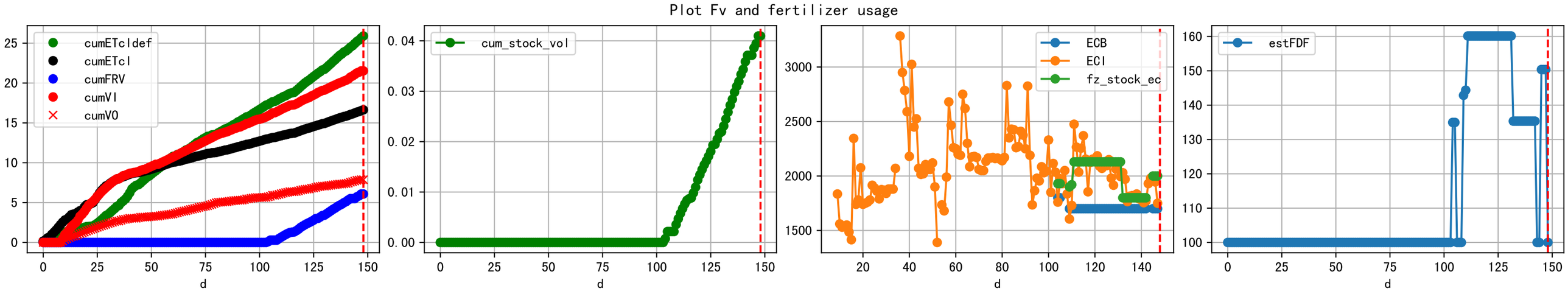

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
20
40
60
80
100
120
140
d


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
d

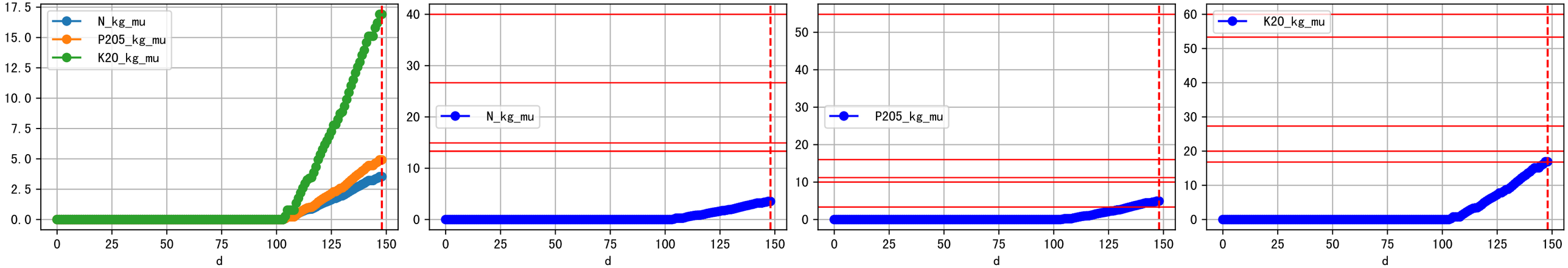

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
20
40
60
80
100
120
140
d
PHC
PHI
Warning: col ['FVIPH'] is missing

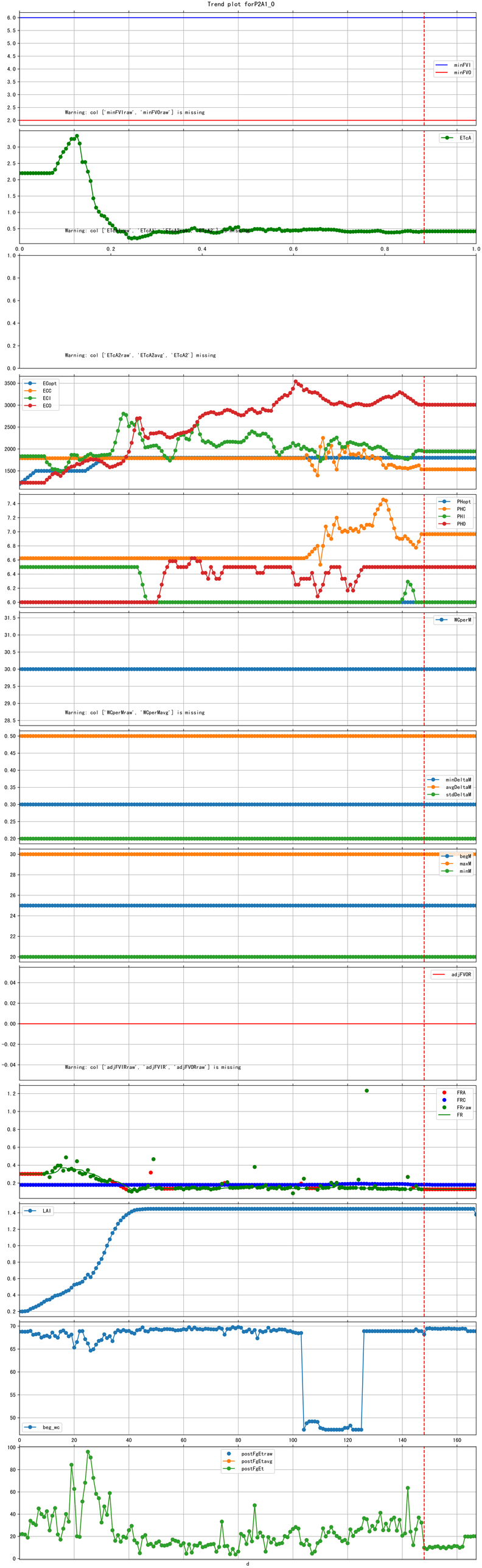

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
d

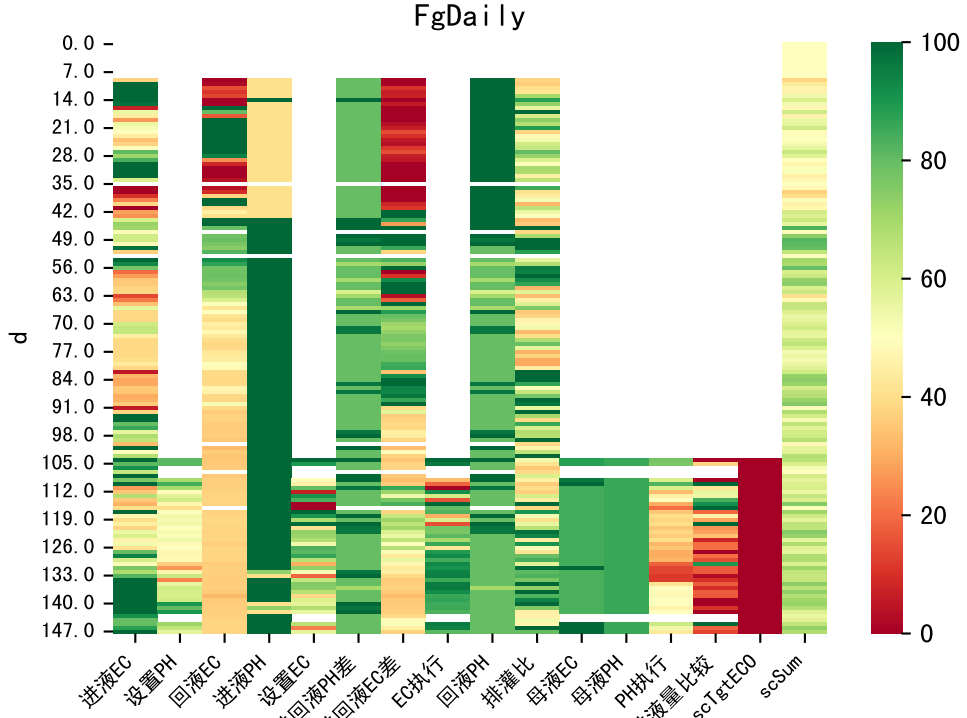

Plot ET/VN
ETcl
ETcldef
VN
500
400
300
200
100
0
0
20
40
60
80
100
120
140
d


Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
d
cum_stock_vol
d
ECB
ECI
fz_stock_ec
d
estFDF
d

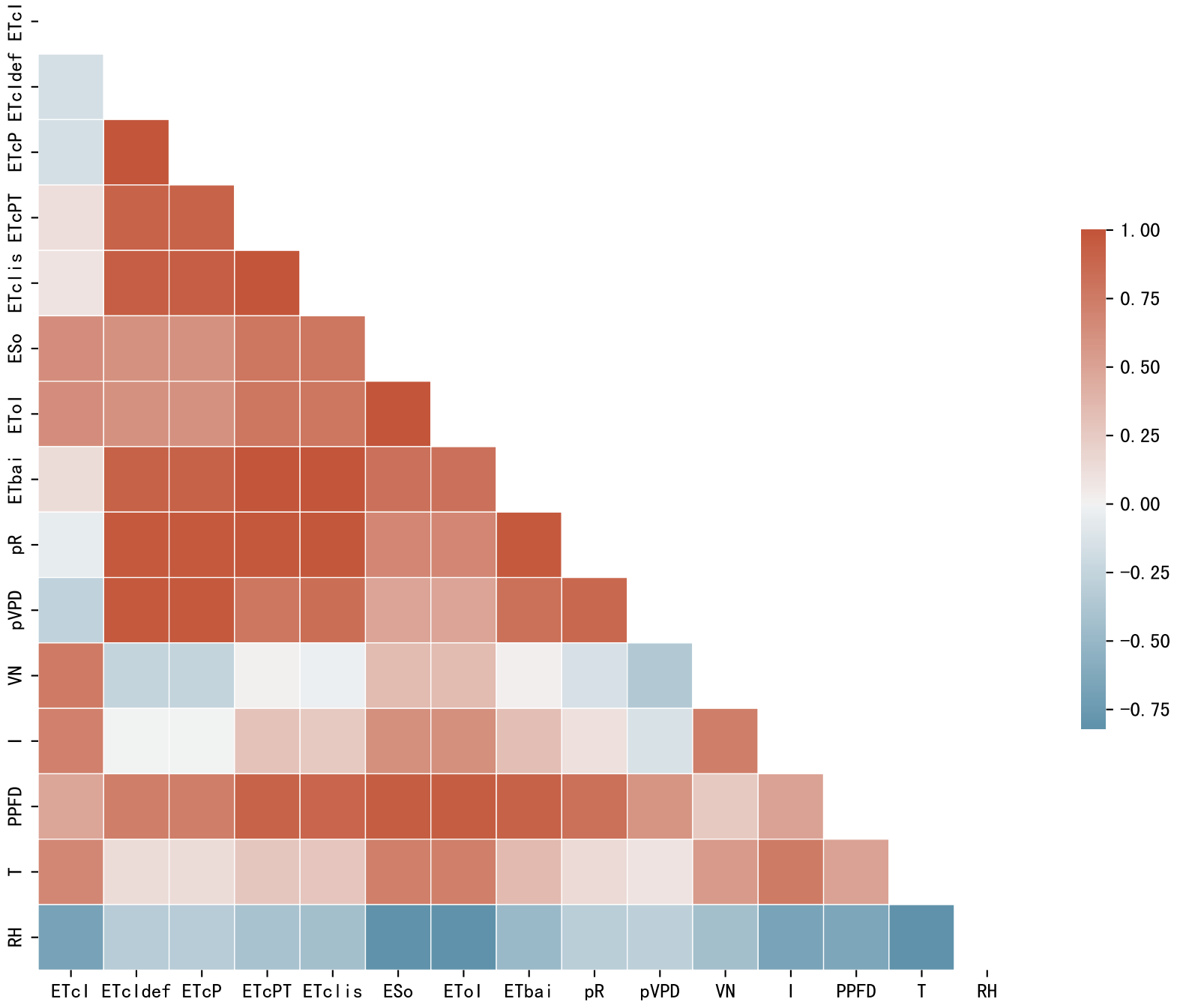
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

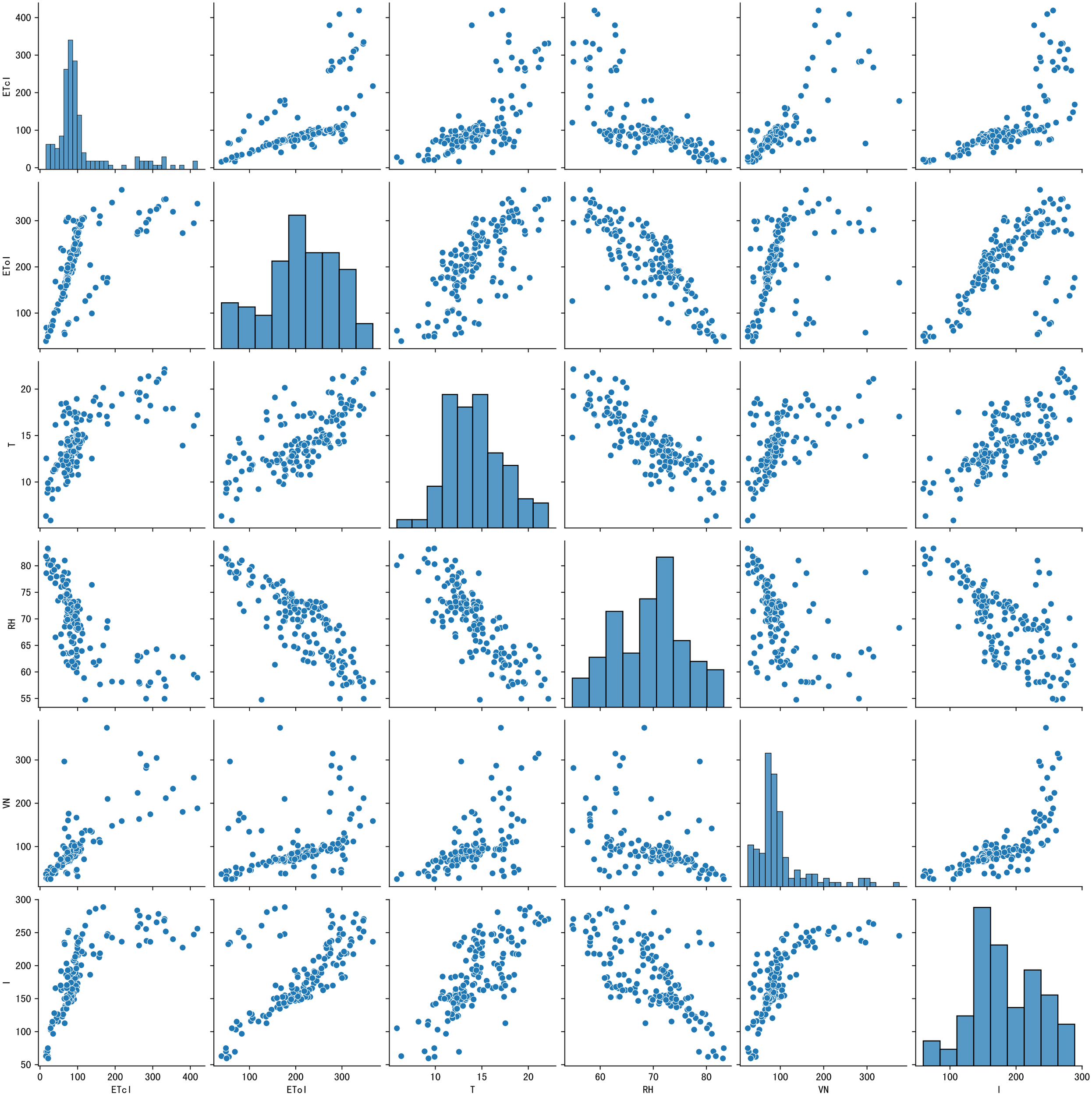


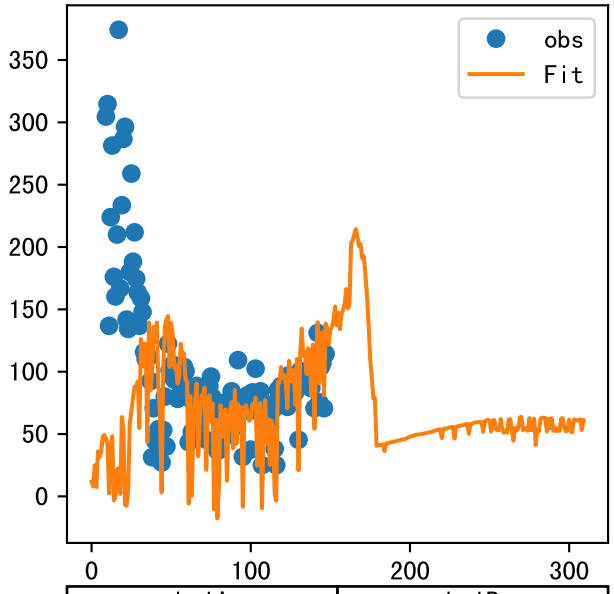

Trend plot forP2A1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcAraw', 'ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECO
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is 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

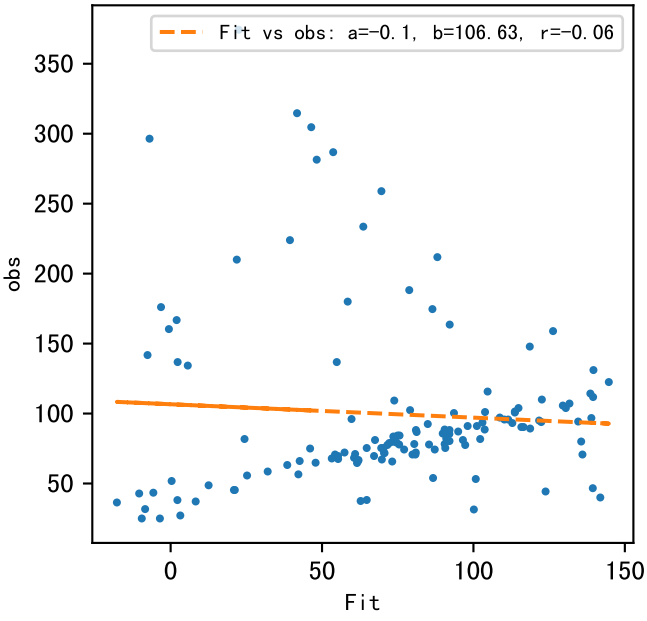

FgDaily
d
0.0
7.0
14.0
21.0
28.0
35.0
42.0
49.0
56.0
63.0
70.0
77.0
84.0
91.0
98.0
105.0
112.0
119.0
126.0
133.0
140.0
147.0
100
80
60
40
20
0
进液EC
设置PH
回液EC
进液PH
设置EC
回液PH差
回液EC差
EC执行
回液PH
排灌比
母液EC
母液PH
PH执行
液量比较
scTgtEC0
scSum

P2A1_0
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

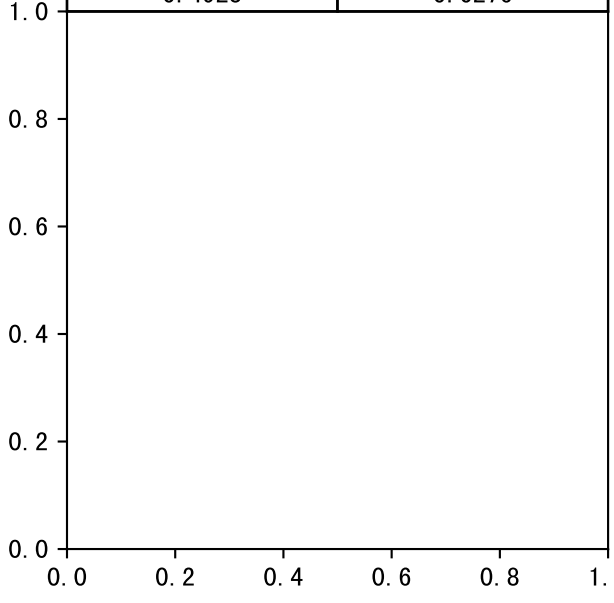

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

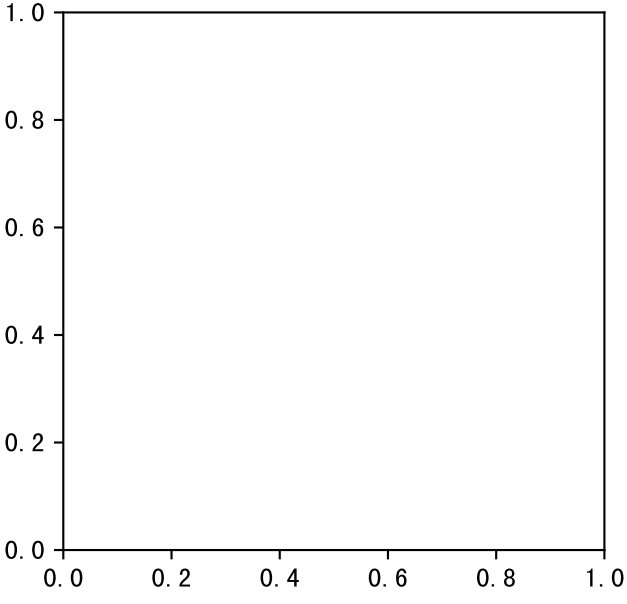

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

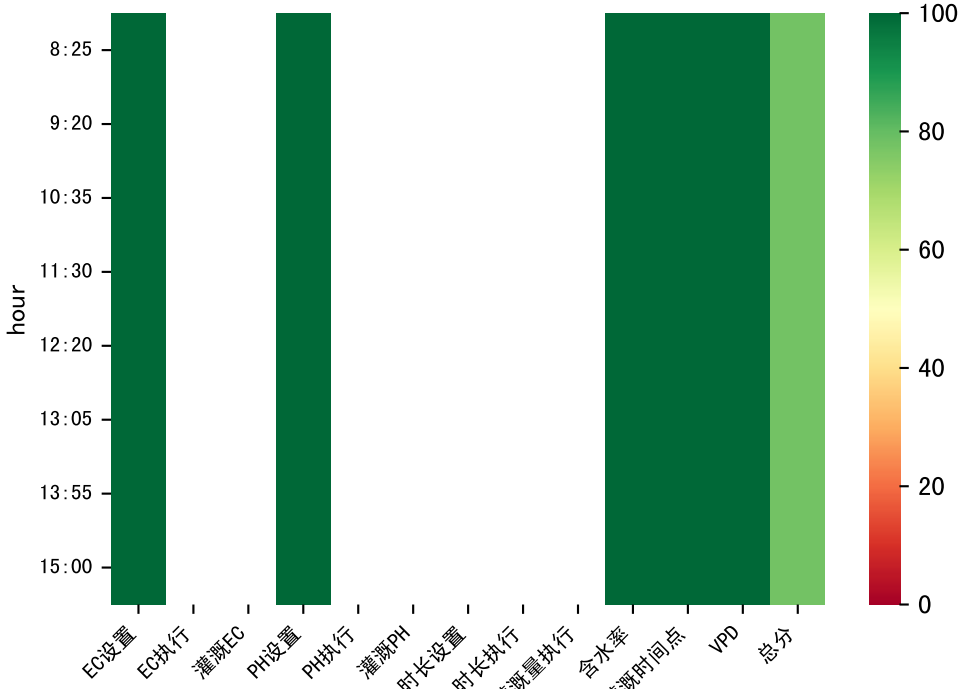




baiA	baiB
0.4923	0.0276

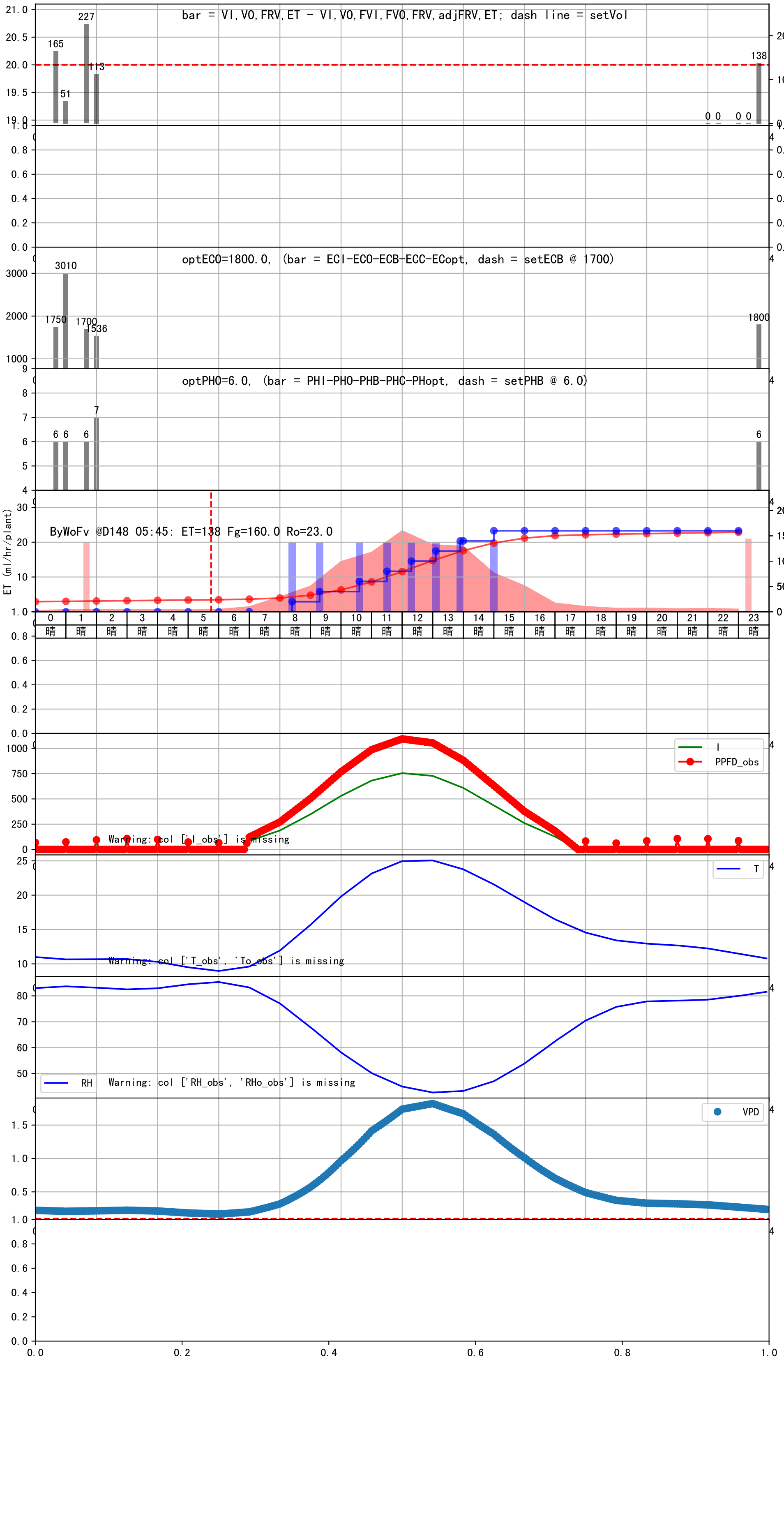


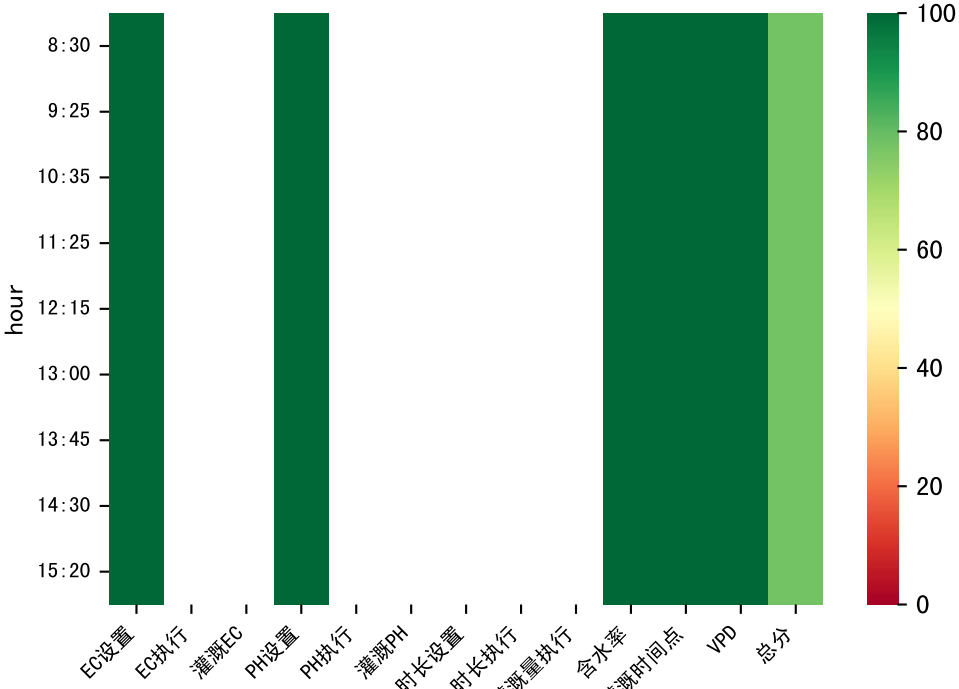



hour
8:25
9:20
10:35
11:30
12:20
13:05
13:55
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	143	20.0	0.441	晴	预期@08:25 自主（未用传感器）
09:20	143	20.0	0.441	晴	预期@09:20 自主（未用传感器）
10:35	143	20.0	0.441	晴	预期@10:35 自主（未用传感器）
11:30	143	20.0	0.441	晴	预期@11:30 自主（未用传感器）
12:20	143	20.0	0.441	晴	预期@12:20 自主（未用传感器）
13:05	143	20.0	0.441	晴	预期@13:05 自主（未用传感器）
13:55	143	20.0	0.441	晴	预期@13:55 自主（未用传感器）
15:00	143	20.0	0.441	晴	预期@15:00 自主（未用传感器）
总计	1144.0 (8次)	160.0			建议进液EC：1700， PH：6.0

P2A1_0, Day=148 (2026-02-19)

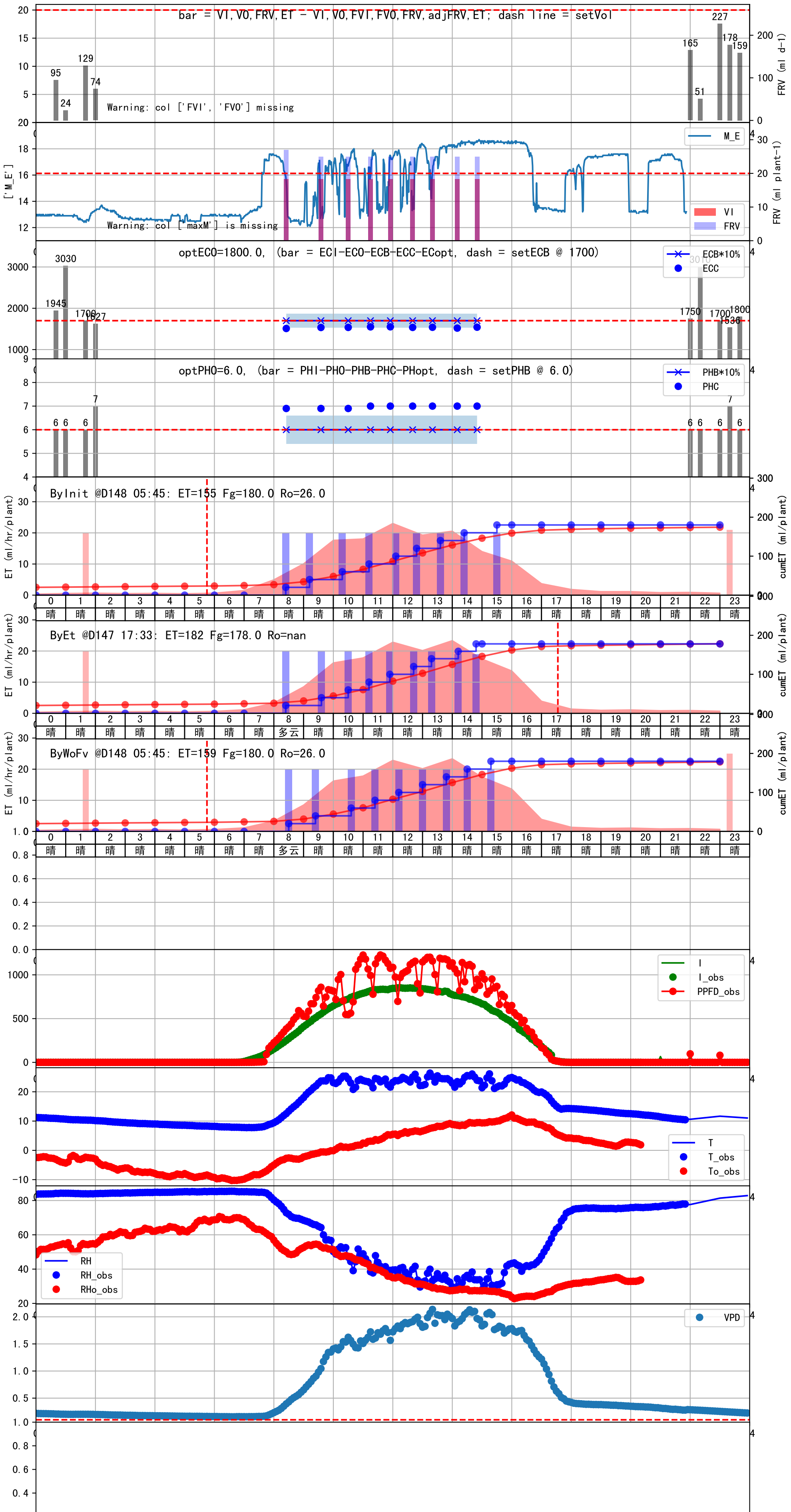


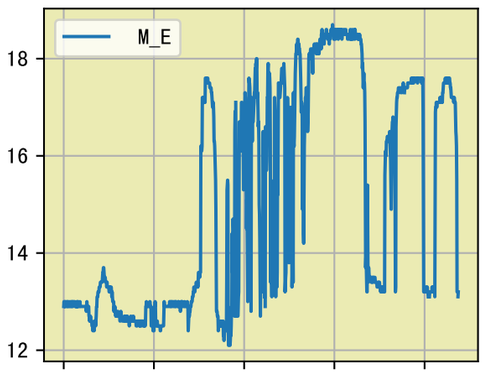

hour
8:30
9:25
10:35
11:25
12:15
13:00
13:45
14:30
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

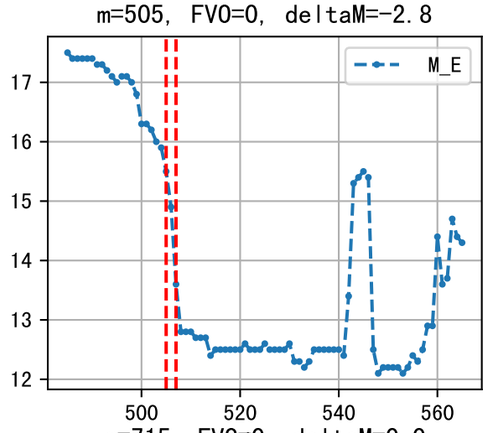
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	142	20.0	0.441	多云	假设@08:30 自动（未用传感器）
09:25	142	20.0	0.441	晴	假设@09:25 自动（未用传感器）
10:35	142	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:25	142	20.0	0.441	晴	假设@11:25 自动（未用传感器）
12:15	142	20.0	0.441	晴	假设@12:15 自动（未用传感器）
13:00	142	20.0	0.441	晴	假设@13:00 自动（未用传感器）
13:45	142	20.0	0.441	晴	假设@13:45 自动（未用传感器）
14:30	142	20.0	0.441	晴	假设@14:30 自动（未用传感器）
15:20	142	20.0	0.441	晴	假设@15:20 自动（未用传感器）
总计	1278.0 (9次)	180.0			建议进液EC：1700， PH：6.0

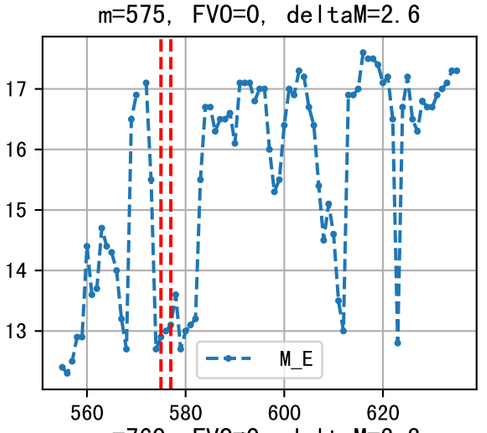
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (25.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

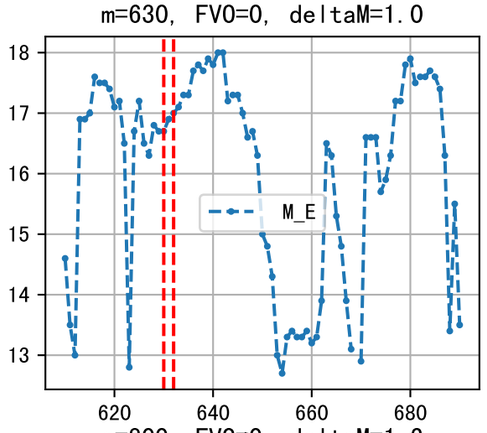
P2A1_0, Day=147.0 (2026-02-18)

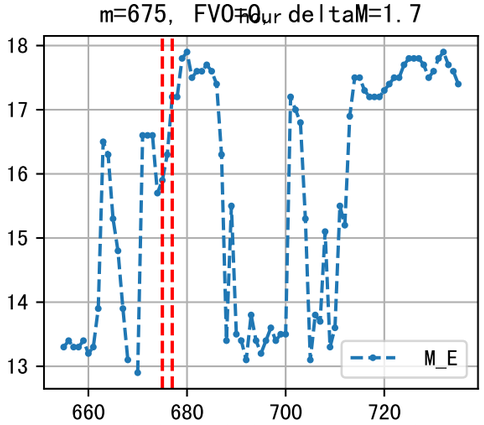


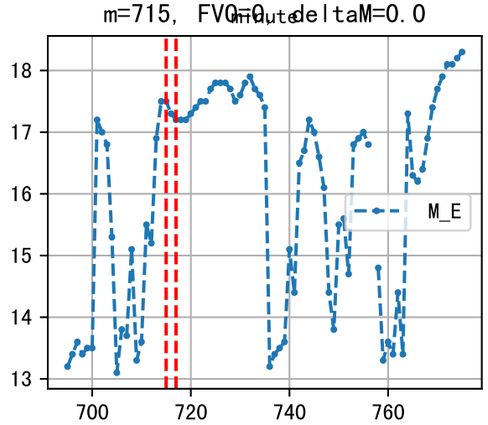

M_E

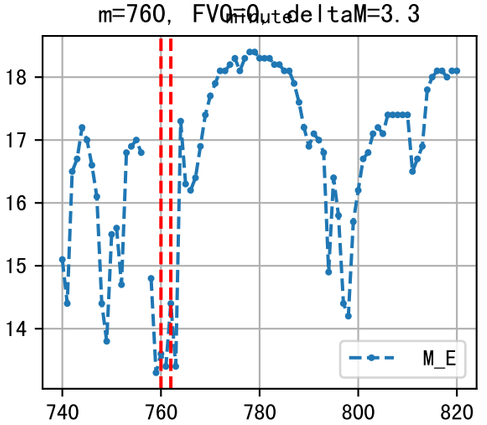

m=505, FV0=0, deltaM=-2.8
M_E

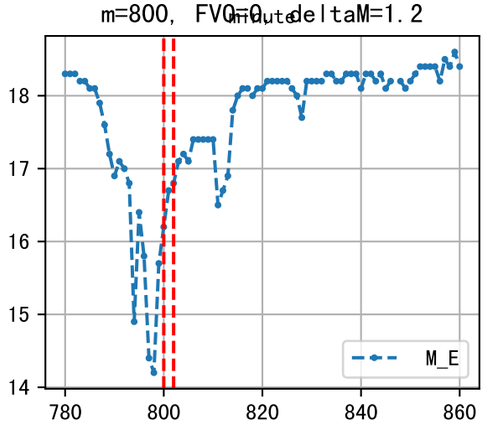

m=575, FV0=0, deltaM=2.6
M_E

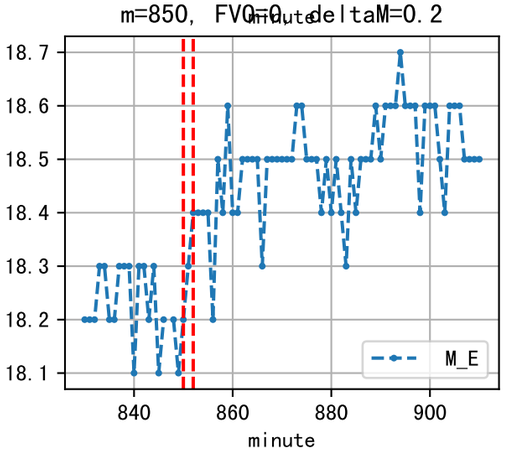

m=630, FV0=0, deltaM=1.0
M_E

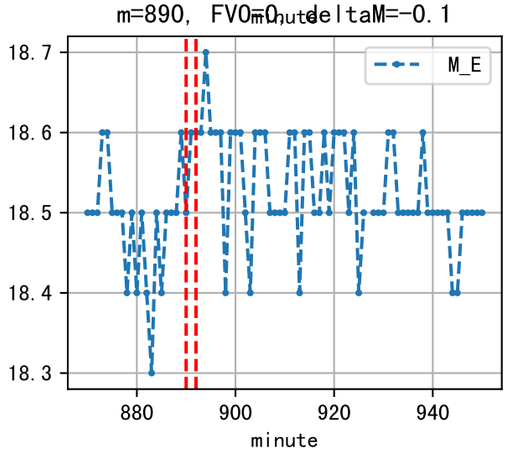

m=675, FV0=0, deltaM=1.7
hour
M_E

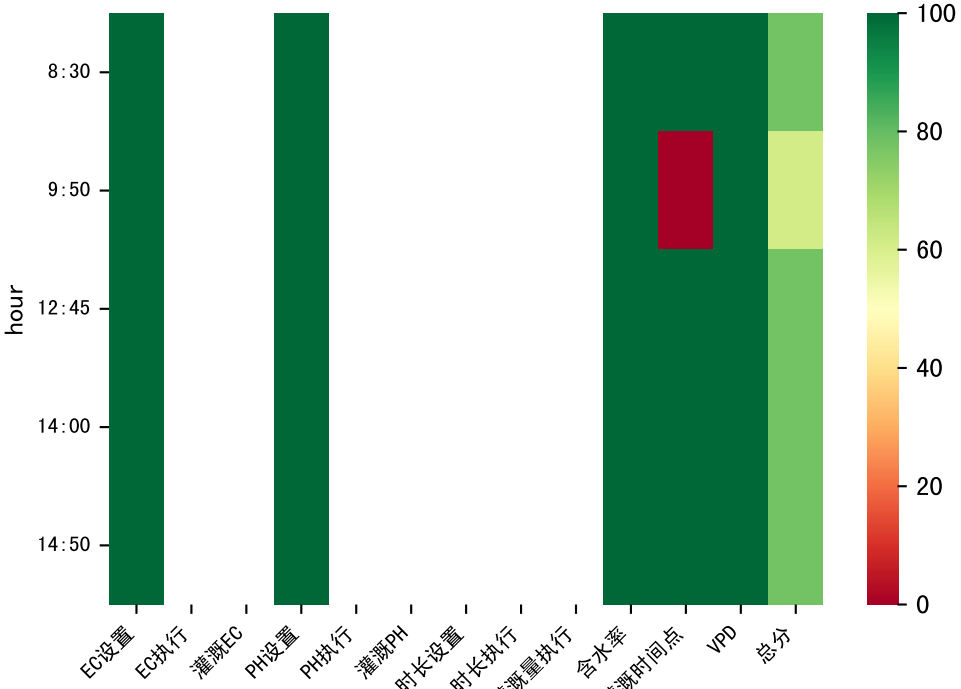

m=715, FV0=0, deltaM=0.0
minute
M_E


m=760, FV0=0, deltaM=3.3
minute
M_E
minute


m=800, FV0=0, deltaM=1.2
minute
M_E
minute


m=850, FV0=0, deltaM=0.2
minute
M_E
minute

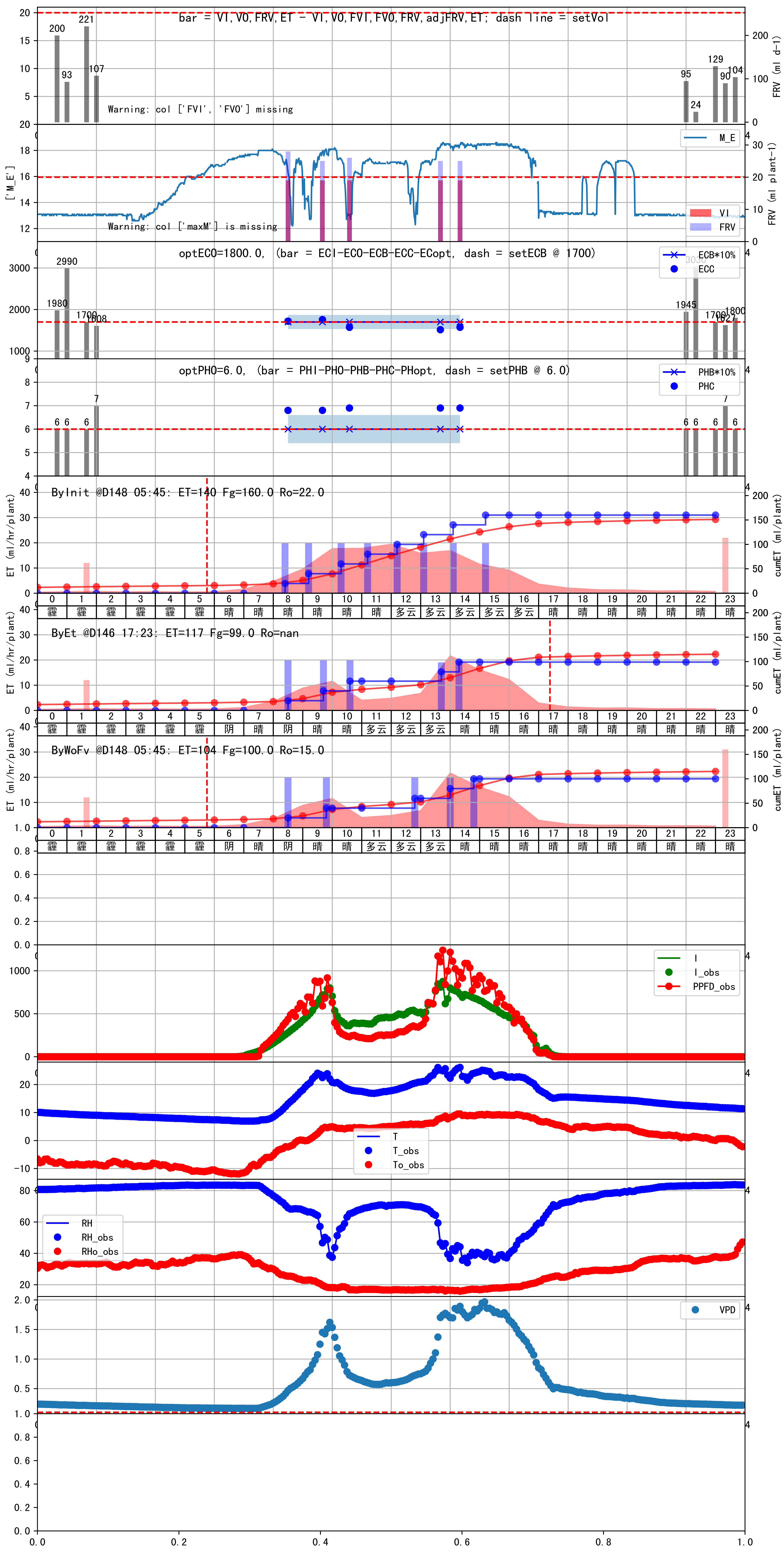

m=890, FV0=0, deltaM=-0.1
minute
M_E
minute

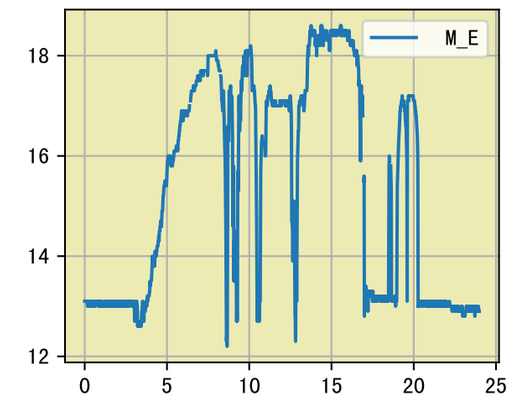

hour
8:30
9:50
12:45
14:00
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

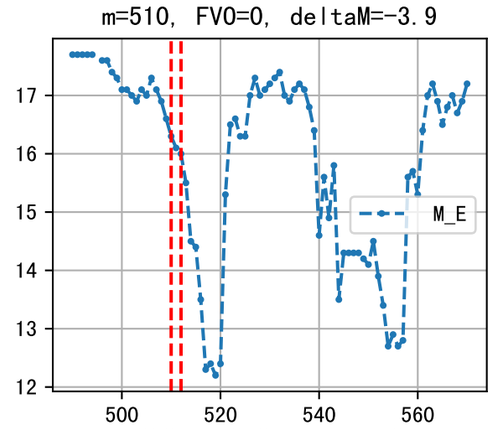
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	141	20.0	0.441	阴	假设@08:30 自动（未用传感器）
09:50	141	20.0	0.441	晴	假设@09:50 自动（未用传感器）
12:45	141	20.0	0.441	多云	假设@12:45 自动（未用传感器）
14:00	141	20.0	0.441	晴	假设@14:00 自动（未用传感器）
14:50	141	20.0	0.441	晴	假设@14:50 自动（未用传感器）
总计	705.0 (5次)	100.0			建议进液EC：1700， PH：6.0

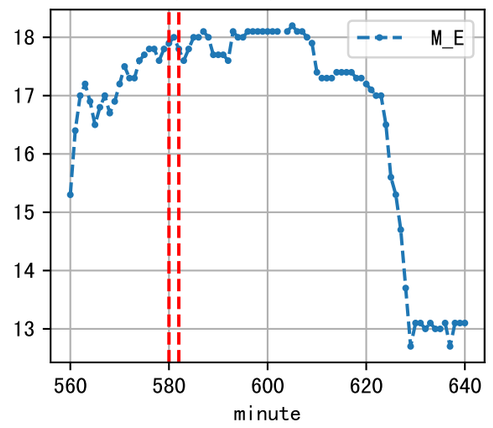
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (25.0 : 18.0)，可能由于一阀多区不均匀
默认实际灌溉18.0 ml.

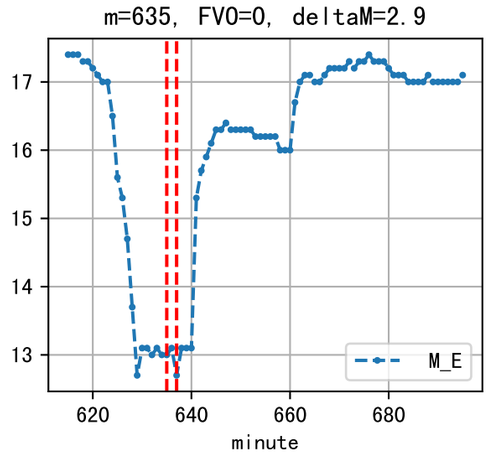
P2A1_0, Day=146.0 (2026-02-17)

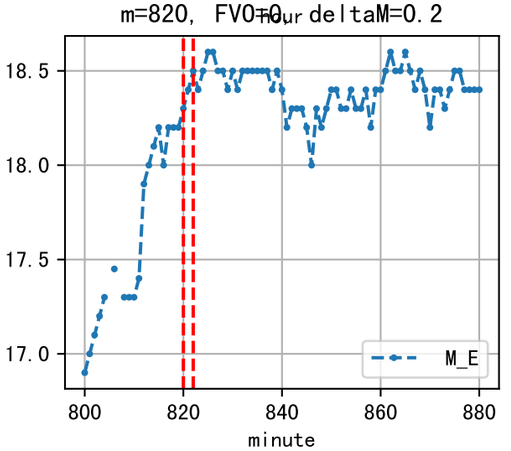


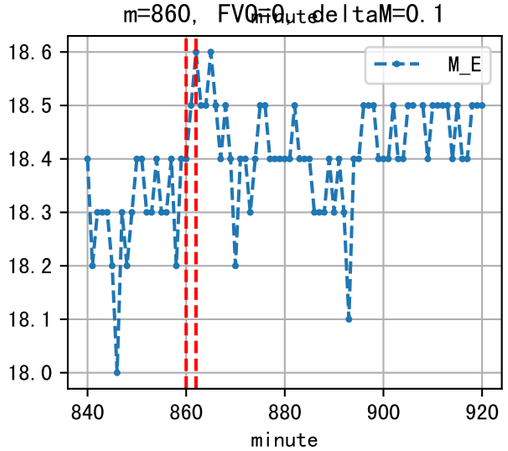

M_E

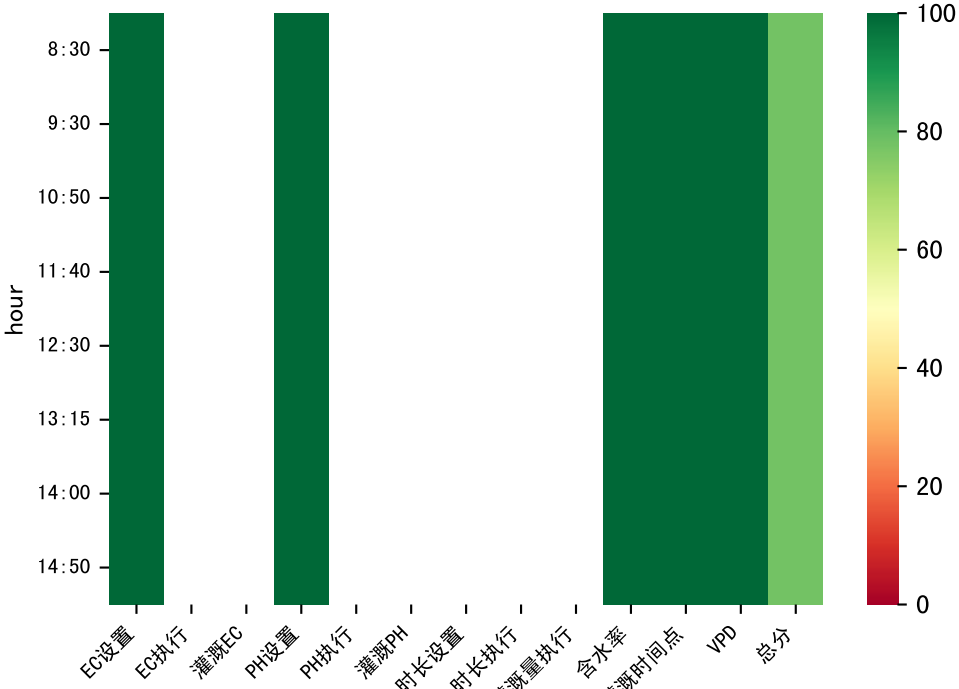

m=510, FV0=0, deltaM=-3.9
M_E


m=580, FV0=0, deltaM=0.1
M_E
minute


m=635, FV0=0, deltaM=2.9
M_E
minute


m=820, FV0=0, deltaM=0.2
M_E
minute

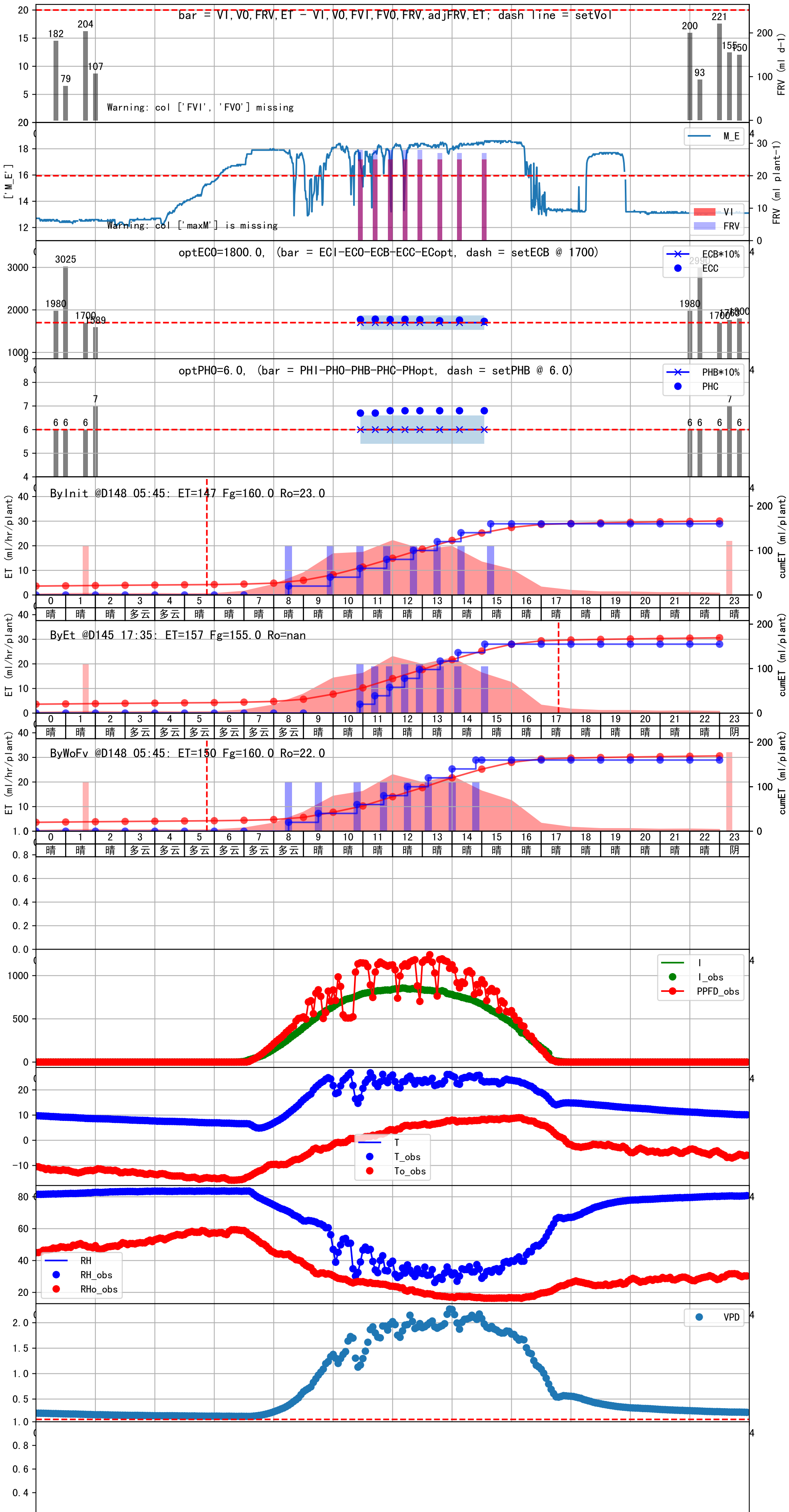

m=860, FV0=0, deltaM=0.1
M_E
minute

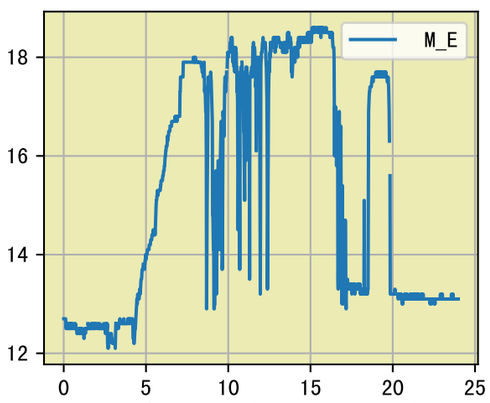

hour
8:30
9:30
10:50
11:40
12:30
13:15
14:00
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

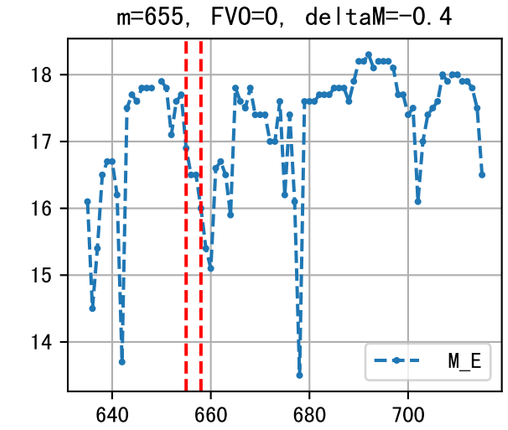
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	151	20.0	0.441	多云	假设@08:30 自动（未用传感器）
09:30	151	20.0	0.441	晴	假设@09:30 自动（未用传感器）
10:50	151	20.0	0.441	晴	假设@10:50 自动（未用传感器）
11:40	151	20.0	0.441	晴	假设@11:40 自动（未用传感器）
12:30	151	20.0	0.441	晴	假设@12:30 自动（未用传感器）
13:15	151	20.0	0.441	晴	假设@13:15 自动（未用传感器）
14:00	151	20.0	0.441	晴	假设@14:00 自动（未用传感器）
14:50	151	20.0	0.441	晴	假设@14:50 自动（未用传感器）
总计	1208.0 (8次)	160.0			建议进液EC：1700， PH：6.0

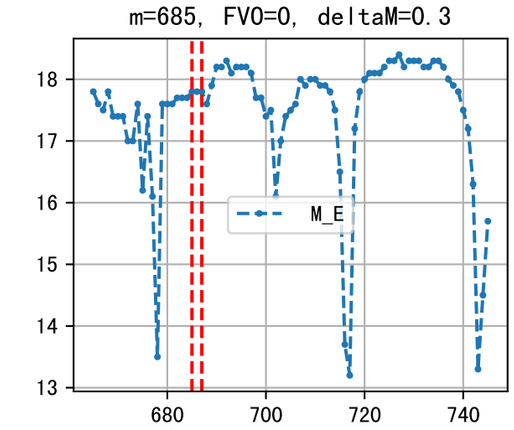
滴头平均流速偏小（0.18 vs def 0.5），请检查
施肥机灌溉量与预期值不符 (27.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

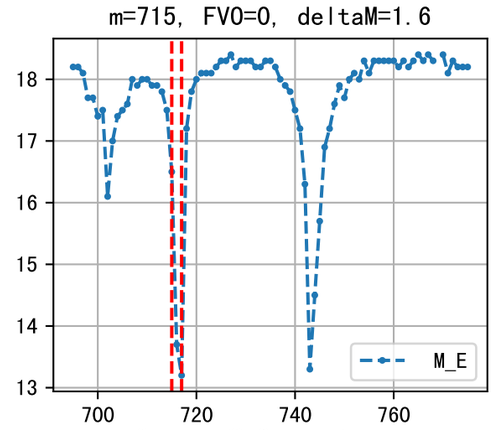
P2A1_0, Day=145.0 (2026-02-16)

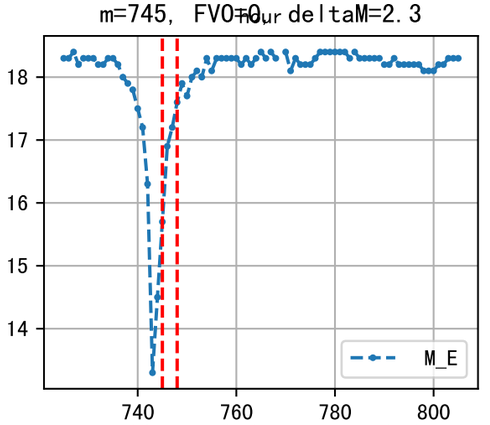


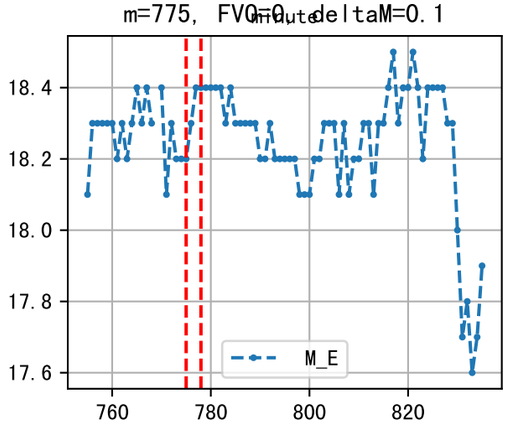

M_E

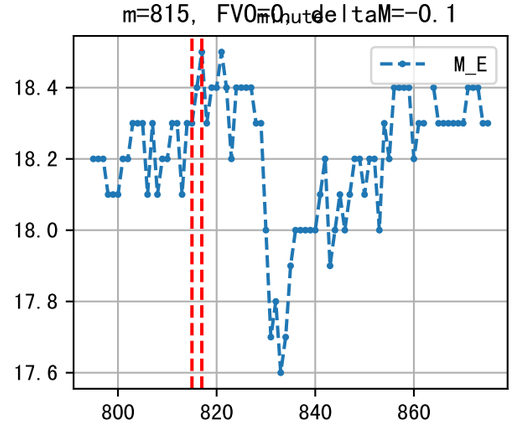

m=655, FVO=0, deltaM=-0.4
M_E

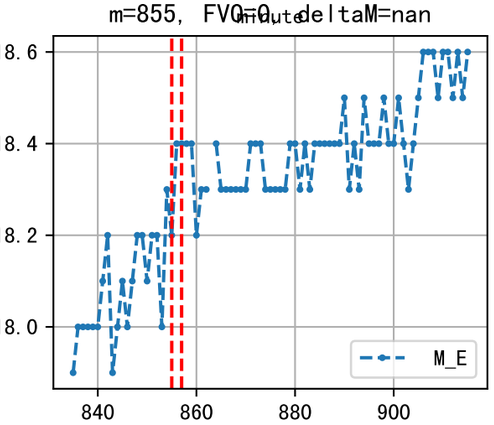

m=685, FVO=0, deltaM=0.3
M_E

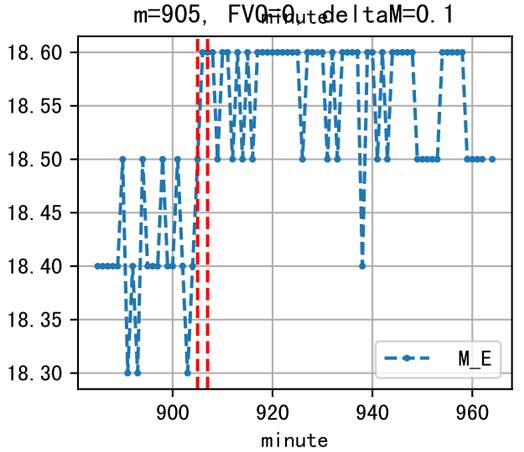

m=715, FVO=0, deltaM=1.6
M_E

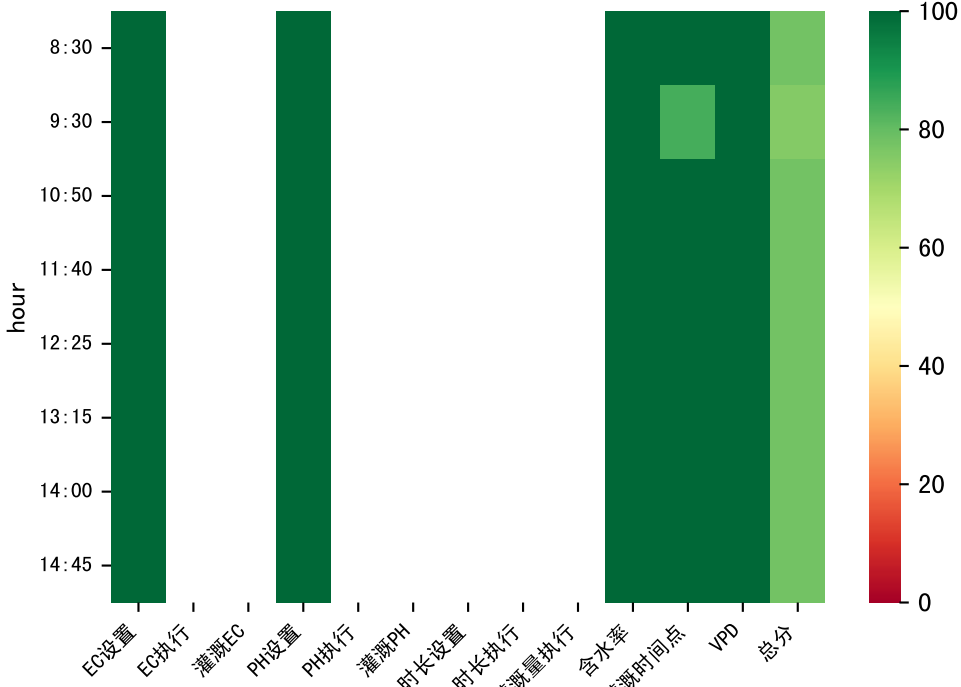

m=745, FVO=0, deltaM=2.3
M_E


m=775, FVO=0, deltaM=0.1
M_E
minute


m=815, FVO=0, deltaM=-0.1
M_E
minute


m=855, FVO=0, deltaM=nan
M_E
minute

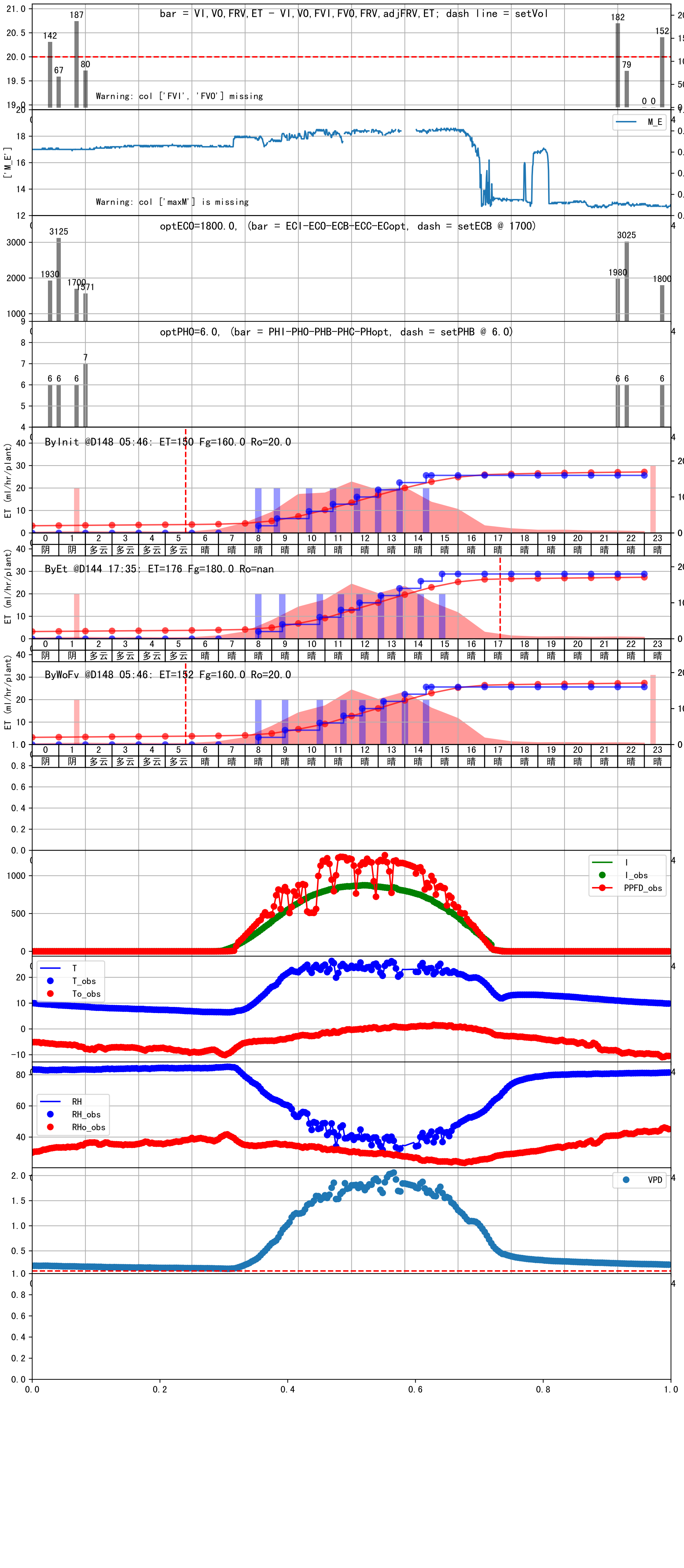

m=905, FVO=0, deltaM=0.1
M_E
minute

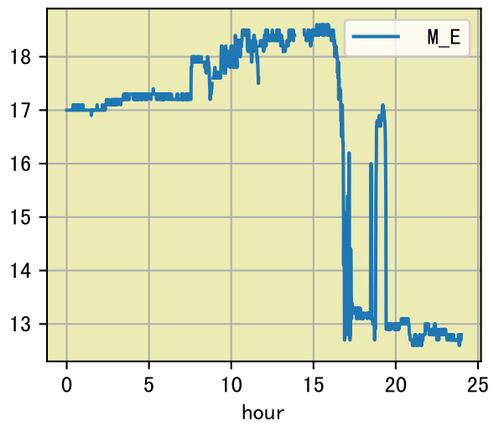

hour
8:30
9:30
10:50
11:40
12:25
13:15
14:00
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	154	20.0	0.441	晴	假设@08:30 未知程序（未用传感器）
09:30	154	20.0	0.441	晴	假设@09:30 未知程序（未用传感器）
10:50	154	20.0	0.441	晴	假设@10:50 未知程序（未用传感器）
11:40	154	20.0	0.441	晴	假设@11:40 未知程序（未用传感器）
12:25	154	20.0	0.441	晴	假设@12:25 未知程序（未用传感器）
13:15	154	20.0	0.441	晴	假设@13:15 未知程序（未用传感器）
14:00	154	20.0	0.441	晴	假设@14:00 未知程序（未用传感器）
14:45	154	20.0	0.441	晴	假设@14:45 未知程序（未用传感器）
总计	1232.0 (8次)	160.0			建议进液EC：1700， PH：6.0

unusual large postFgEt from yesterday (64), set to 60.0 ml.

P2A1_0, Day=144 (2026-02-15)




M_E
18
17
16
15
14
13
0
5
10
15
20
25
hour