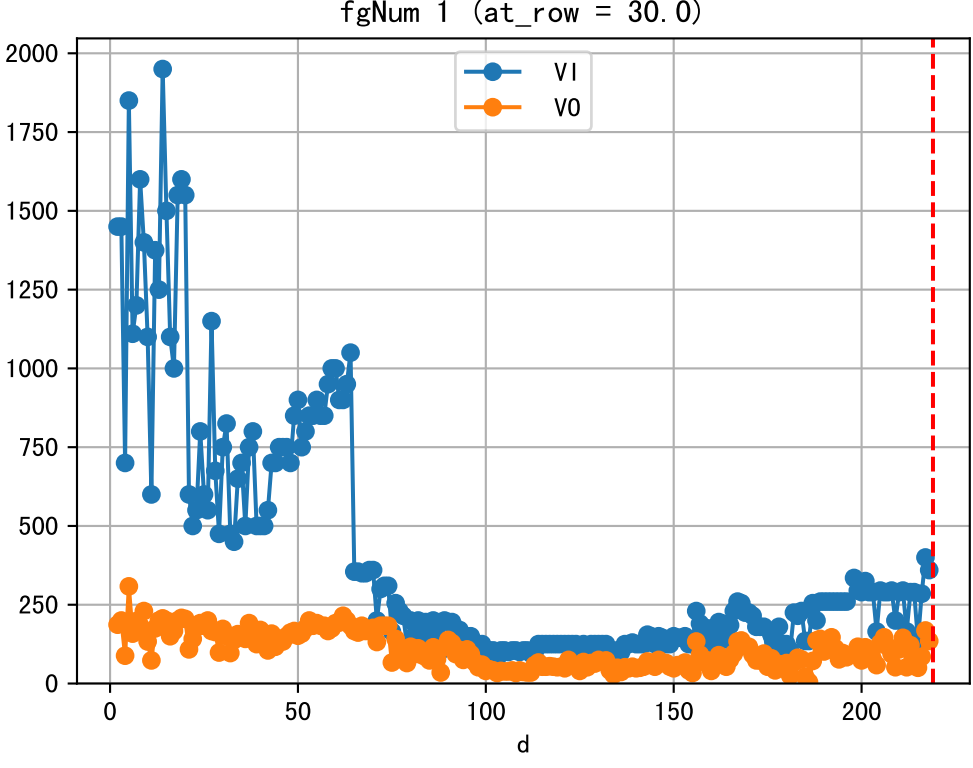
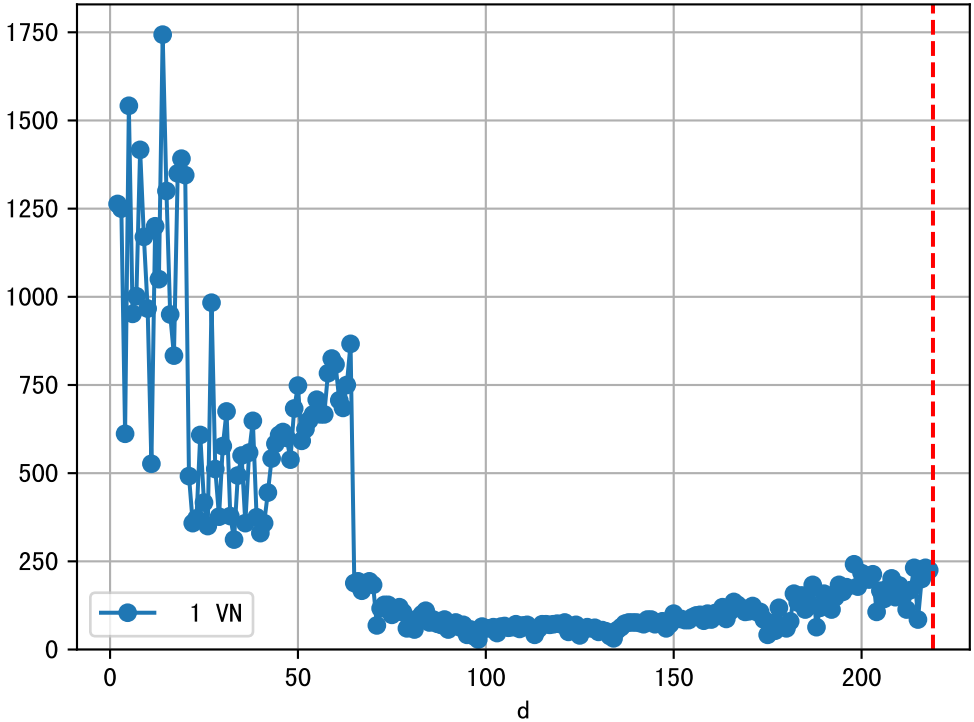
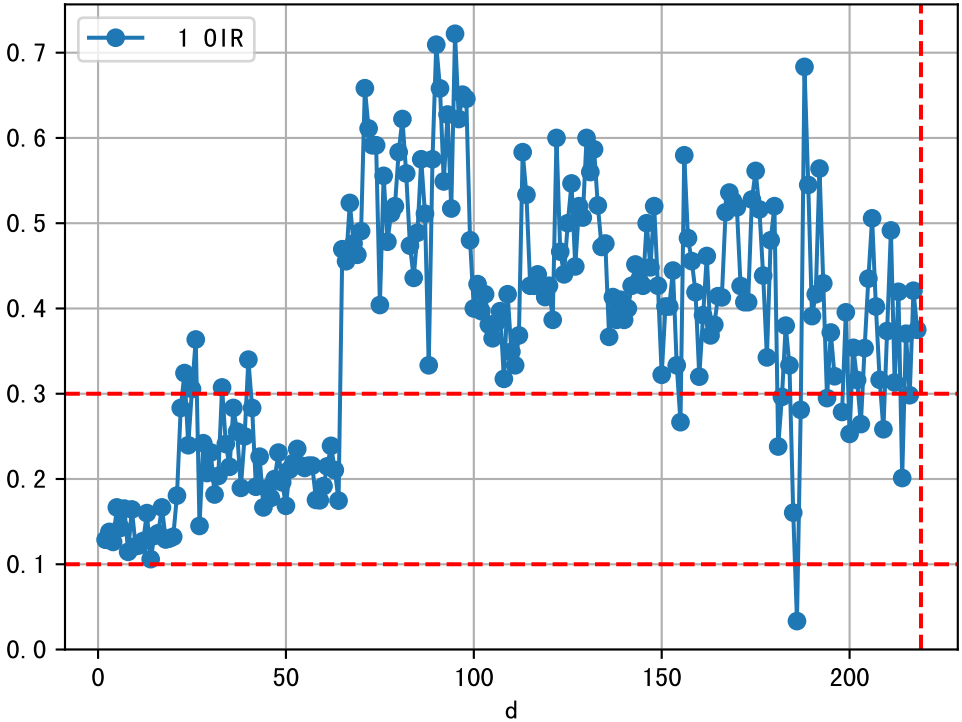
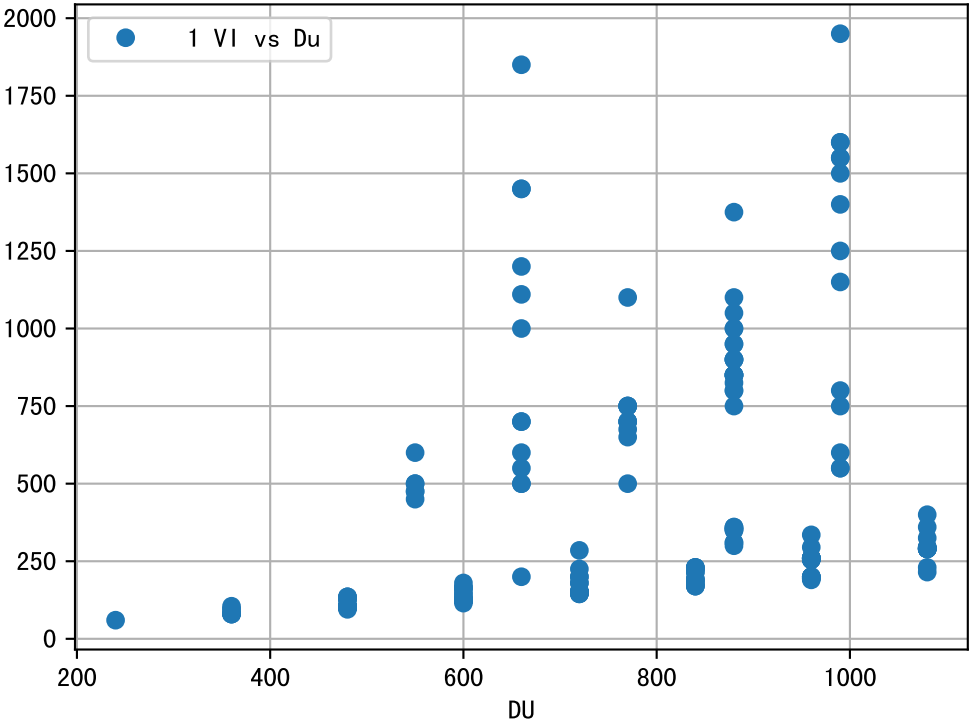
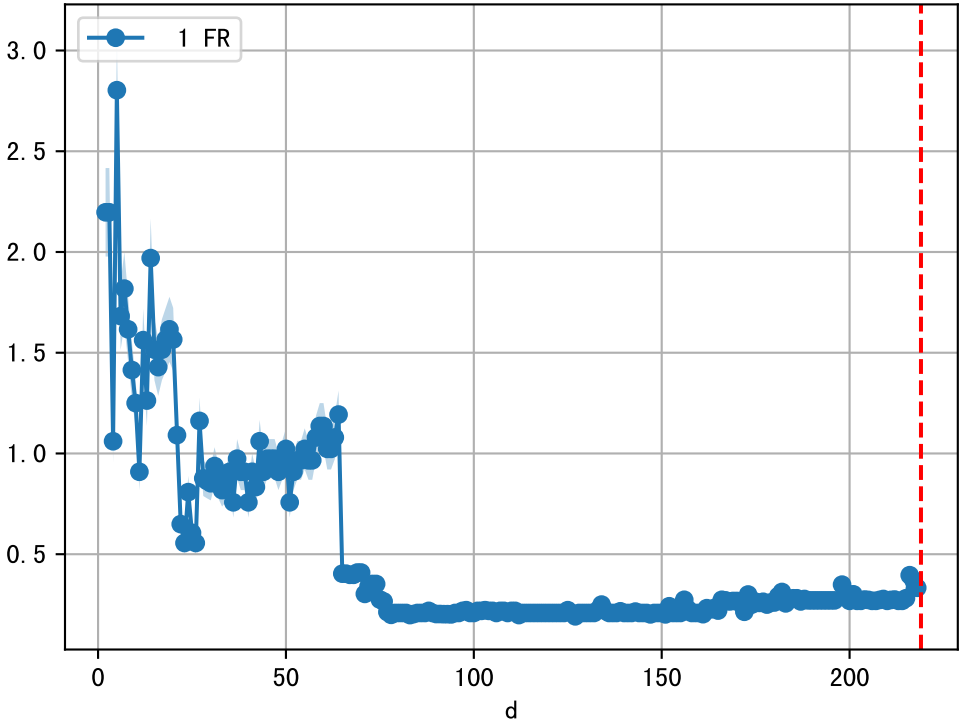
FgArea: ['0']
NC11 P2-13
2026-04-13 (Day 219)

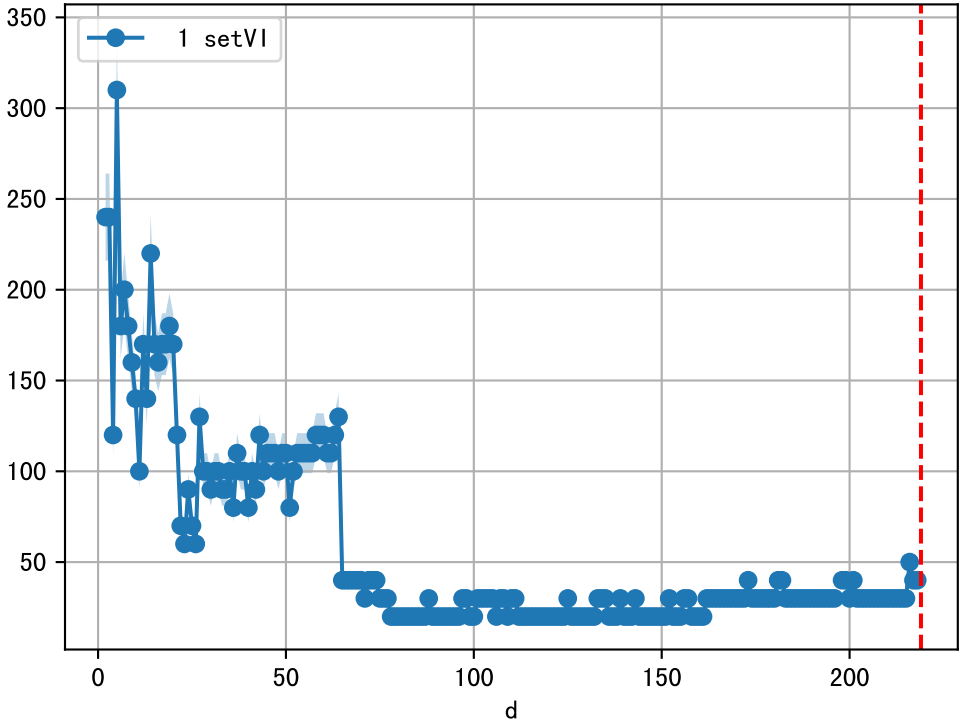

fgNum 1 (at_row = 30.0)
VI
VO
2000
1750
1500
1250
1000
750
500
250
0
0
50
100
150
200
d

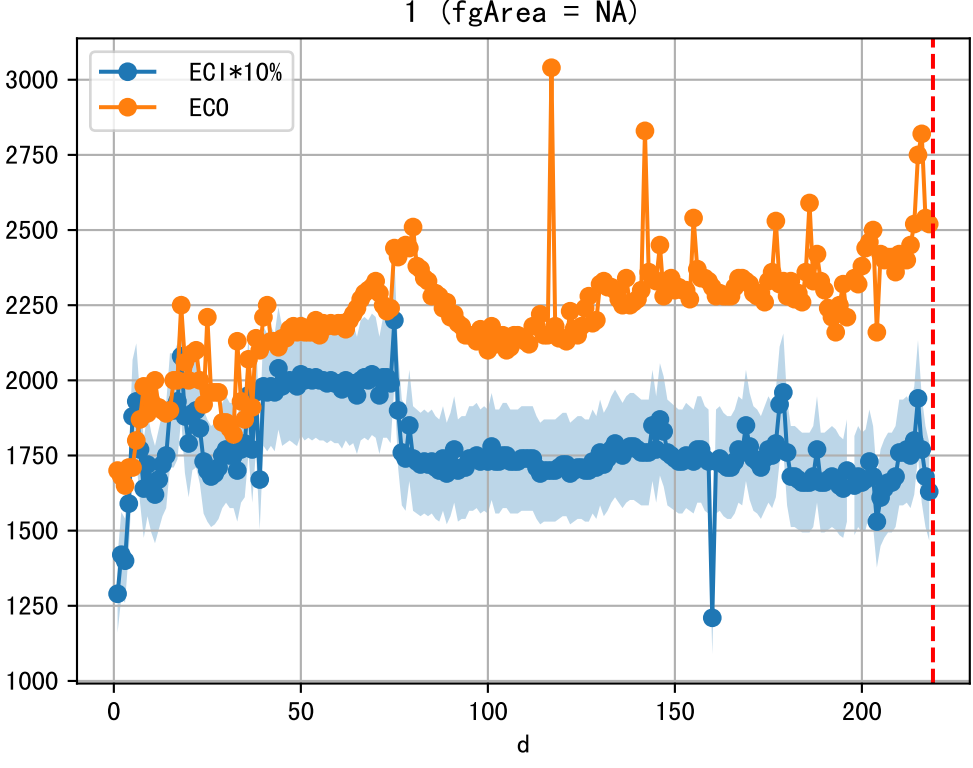

1750
1500
1250
1000
750
500
250
0
0
50
100
150
200
d
1 VN

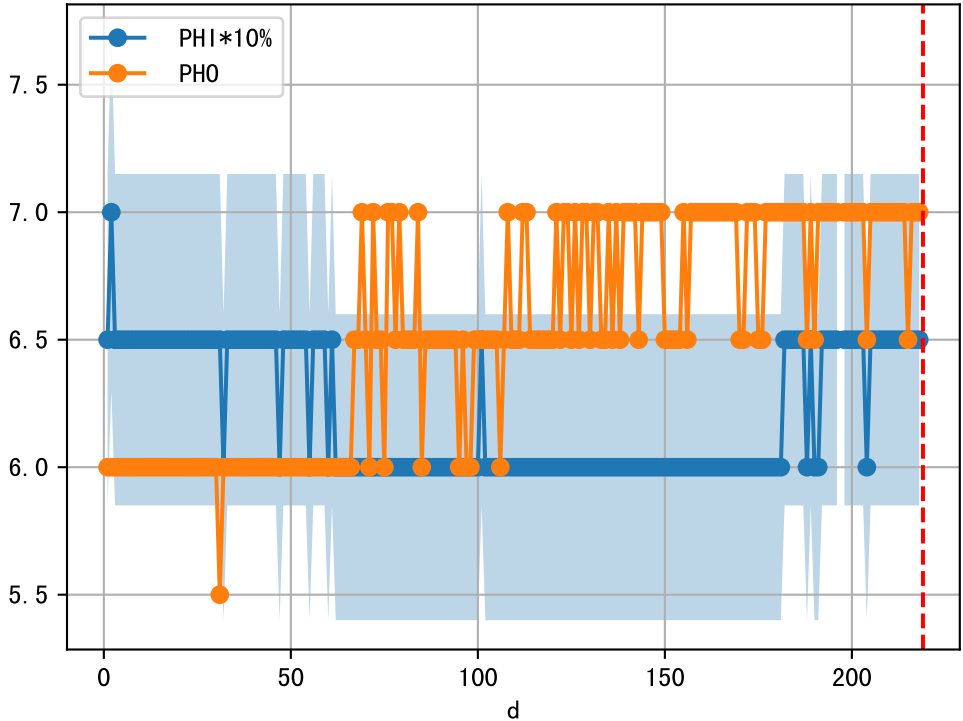

1 OIR
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
50
100
150
200
d

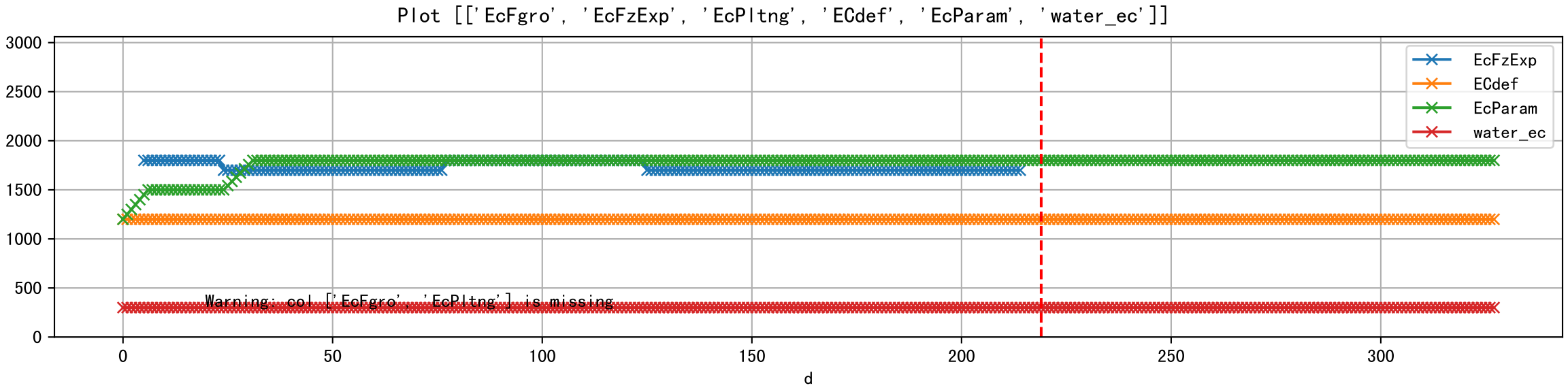

1 VI vs Du
2000
1750
1500
1250
1000
750
500
250
0
200
400
600
800
1000
DU

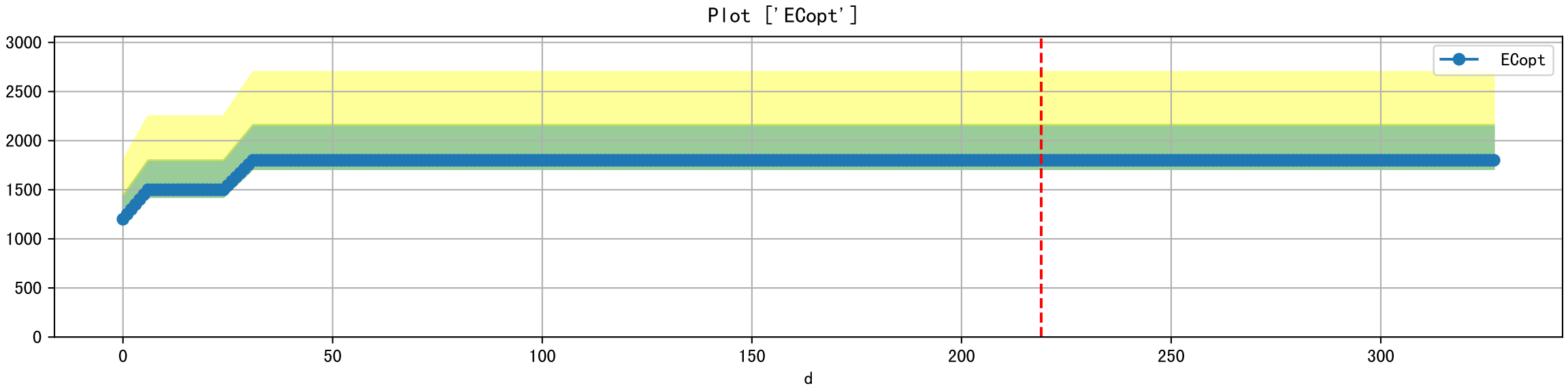

1 FR
3.0
2.5
2.0
1.5
1.0
0.5
0
50
100
150
200
d

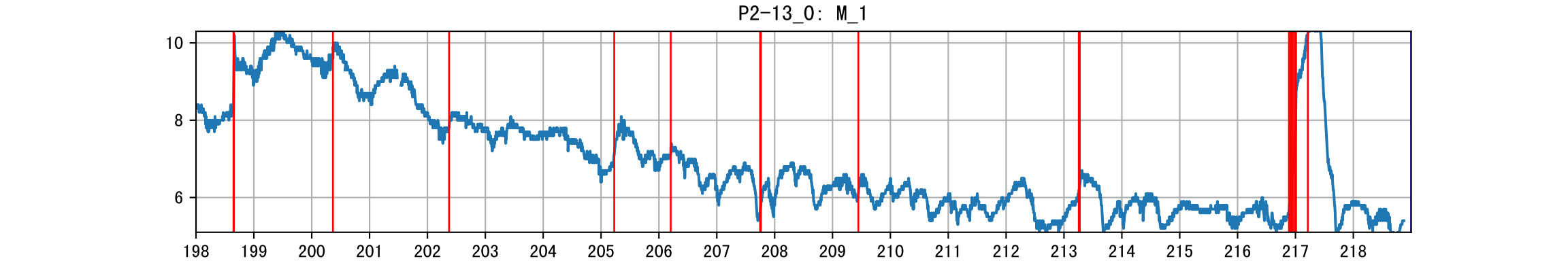

1 setVI
350
300
250
200
150
100
50
0
50
100
150
200
d

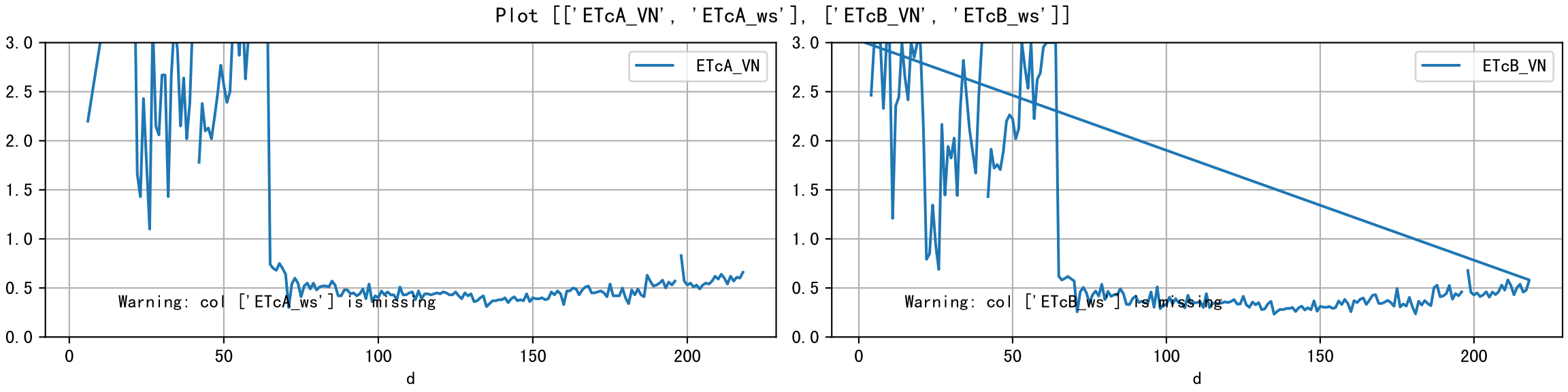

1 (fgArea = NA)
ECI*10%
ECO
3000
2750
2500
2250
2000
1750
1500
1250
1000
0
50
100
150
200
d

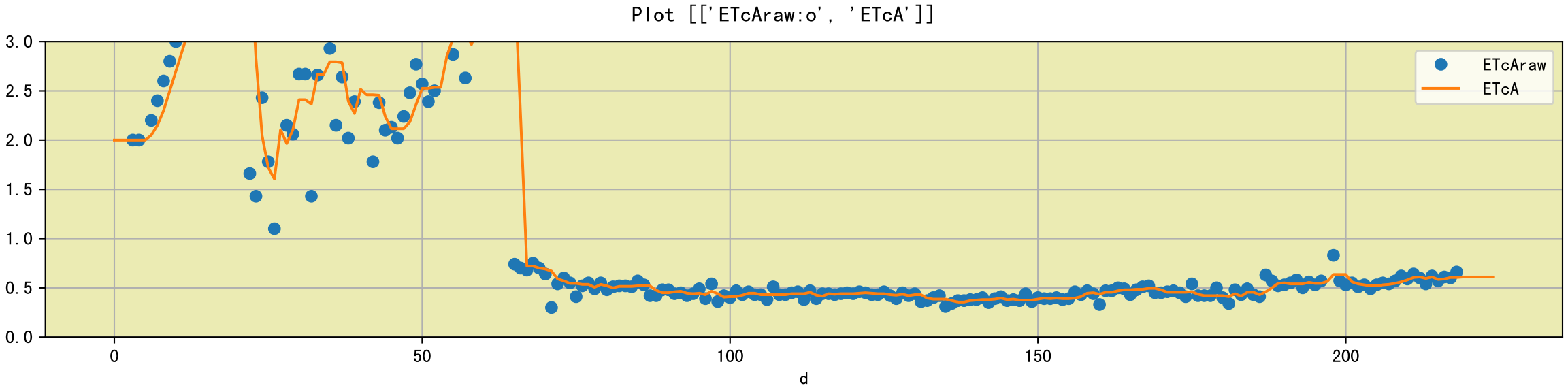

PHI*10%
PH0
7.5
7.0
6.5
6.0
5.5
0
50
100
150
200
d

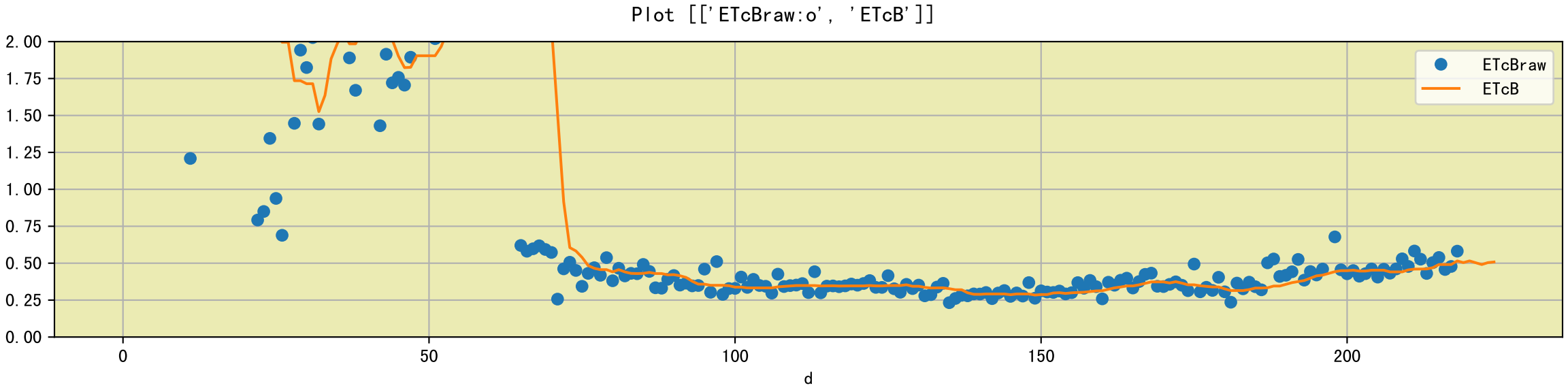

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d


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

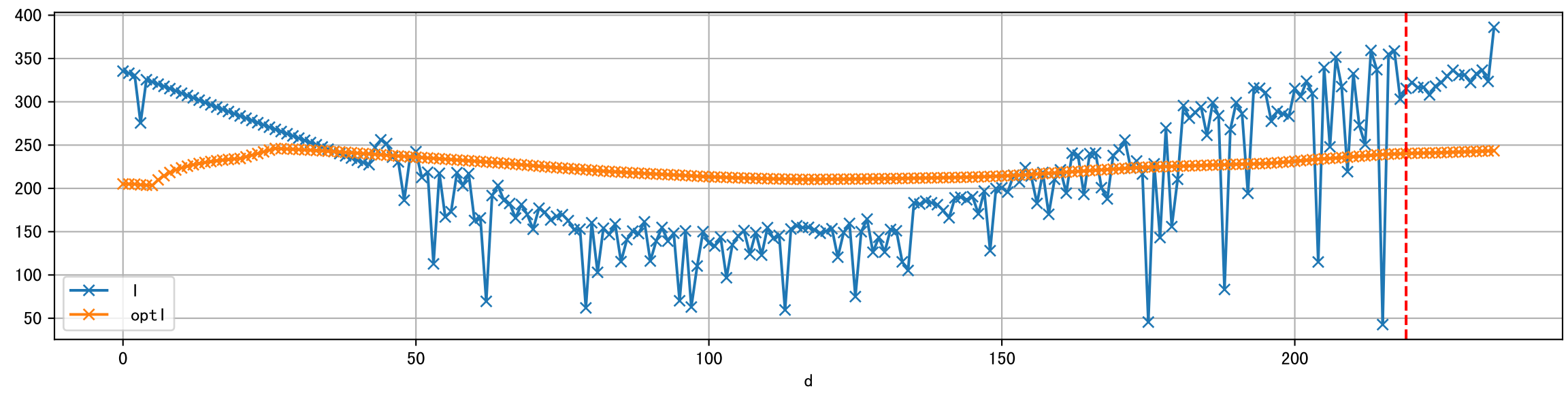

P2-13_0: M_1
10
8
6
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218

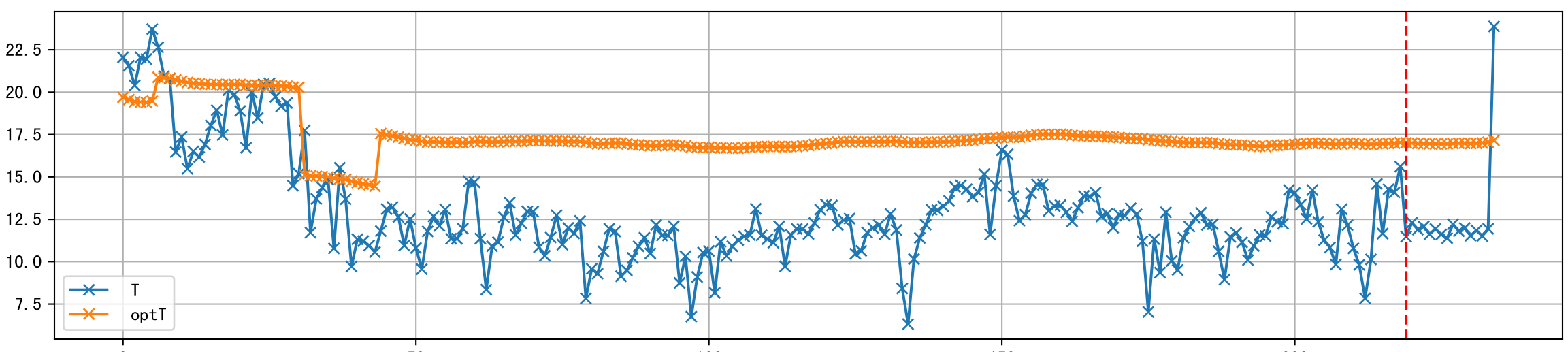

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
d

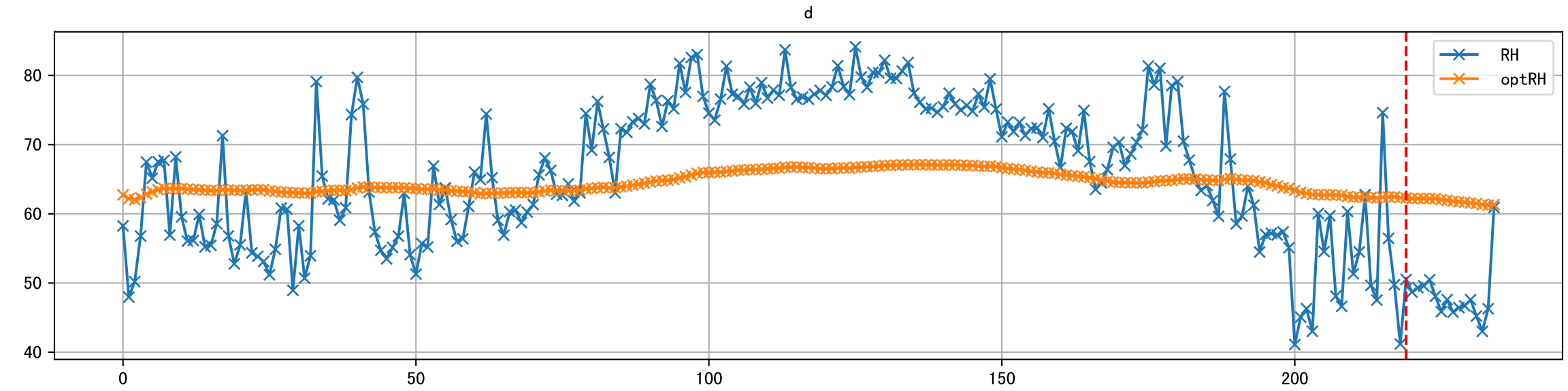

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
d

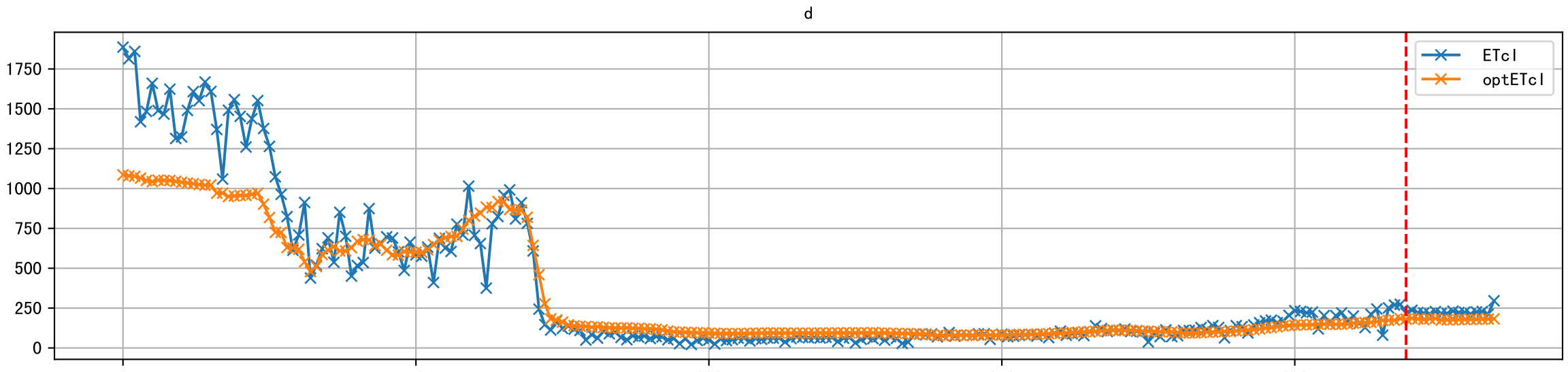

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
50
100
150
200
d

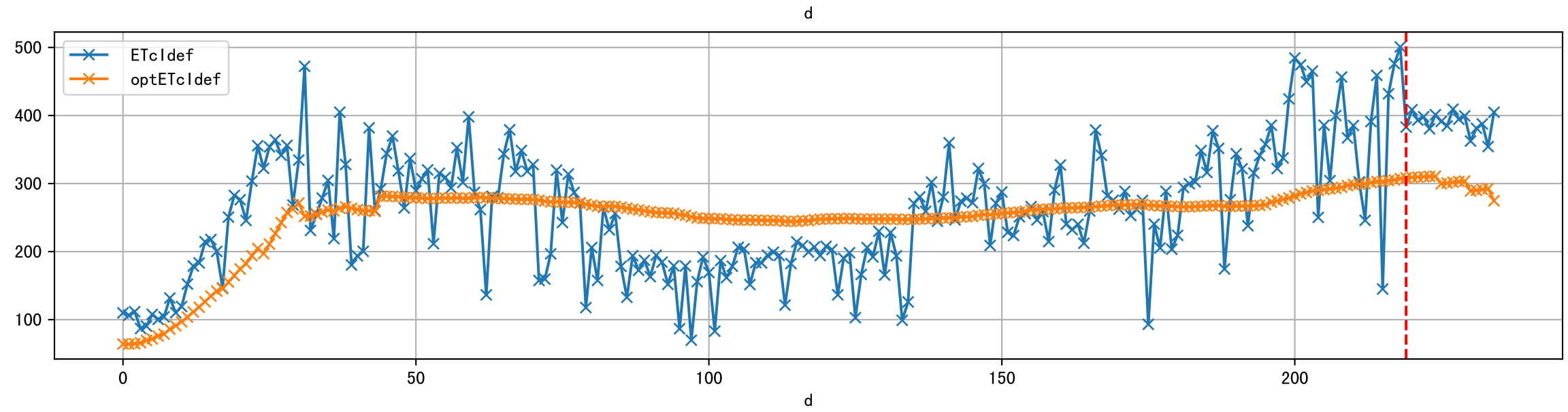
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

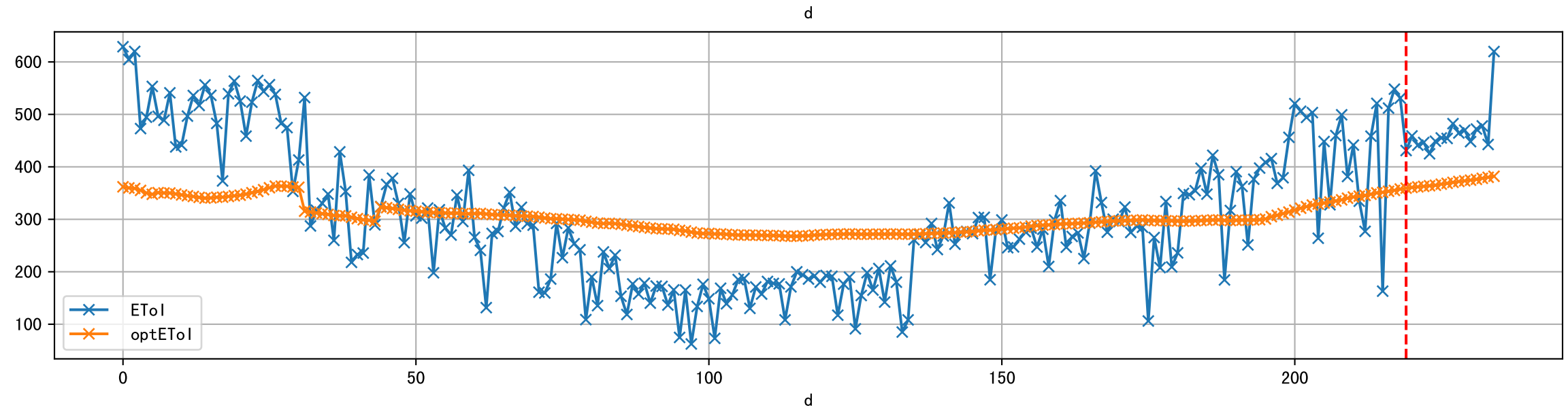


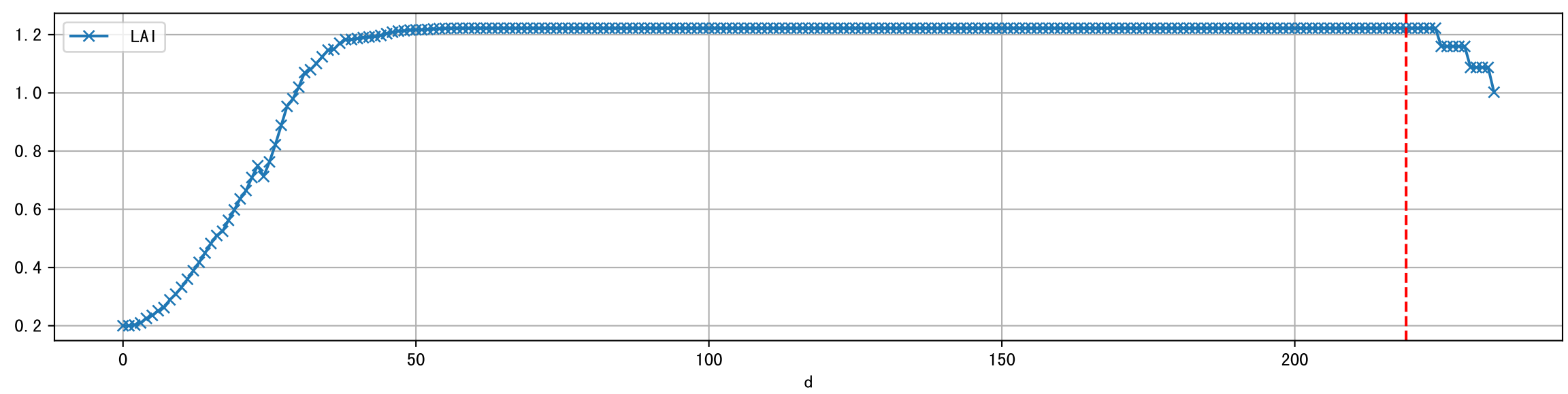


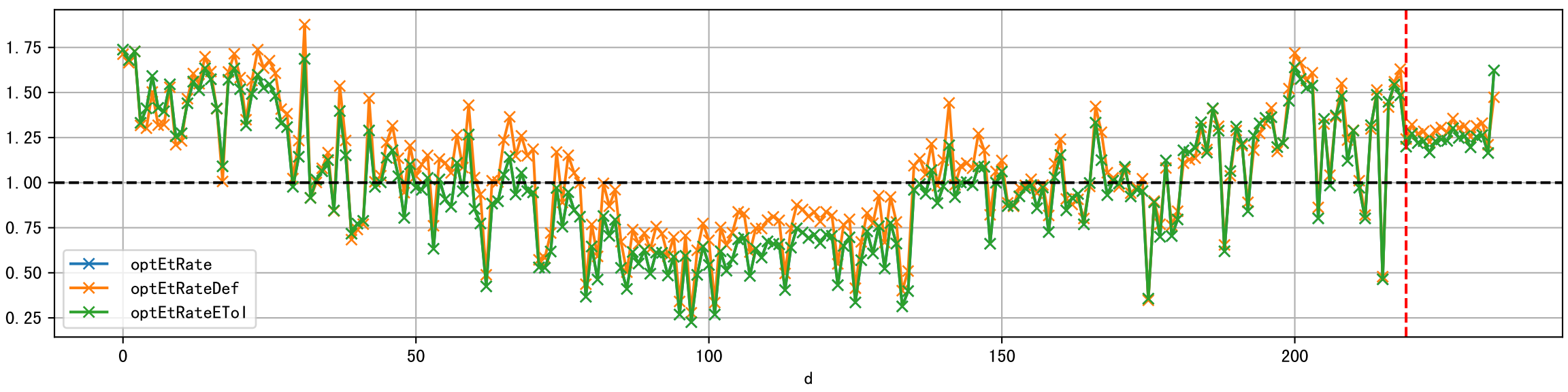


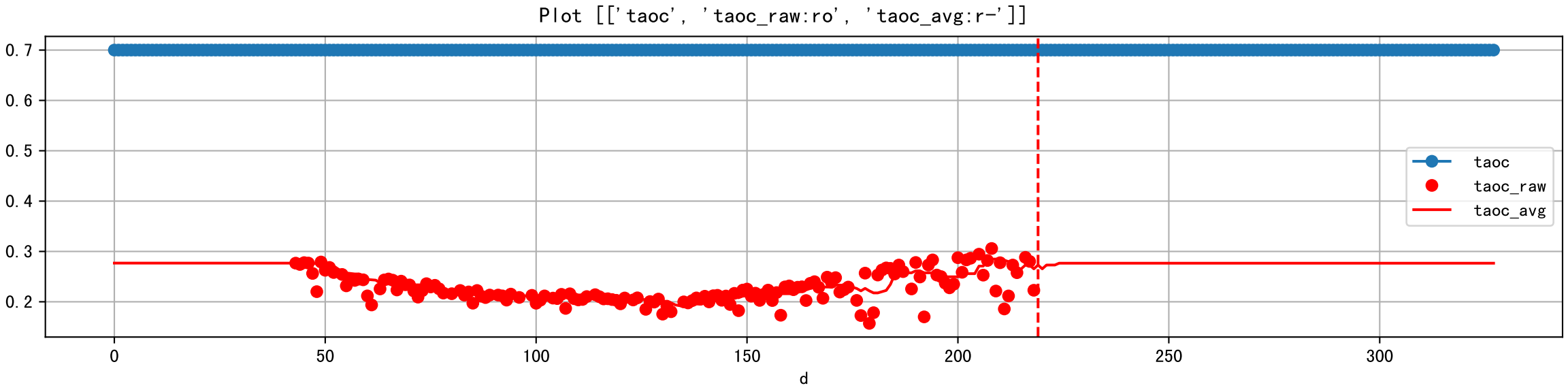


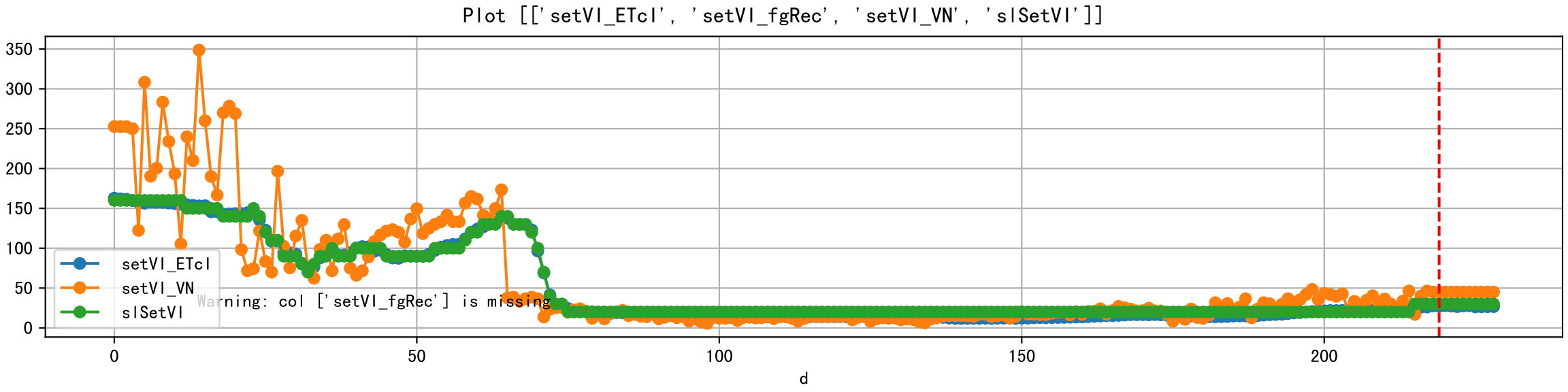


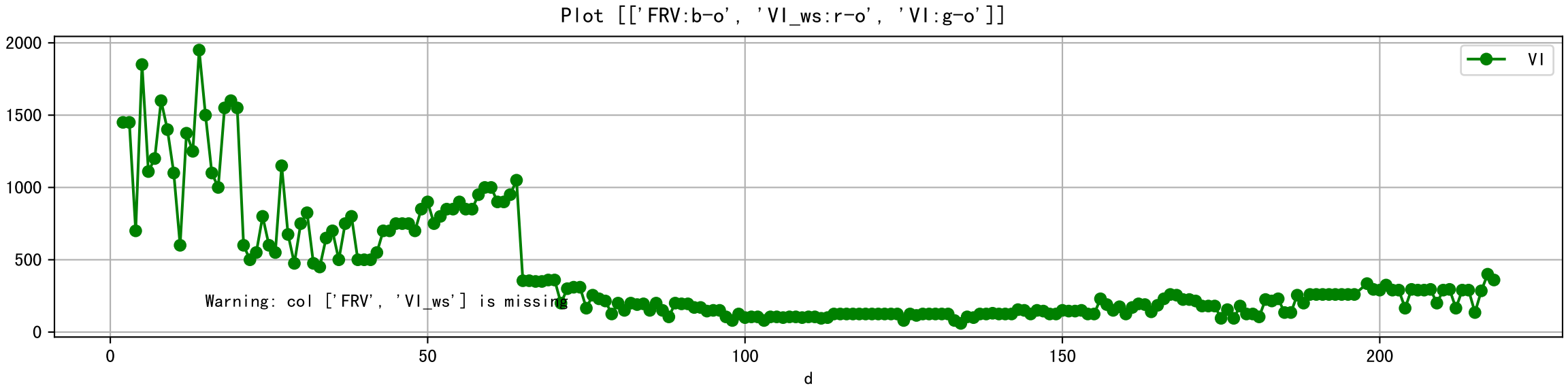


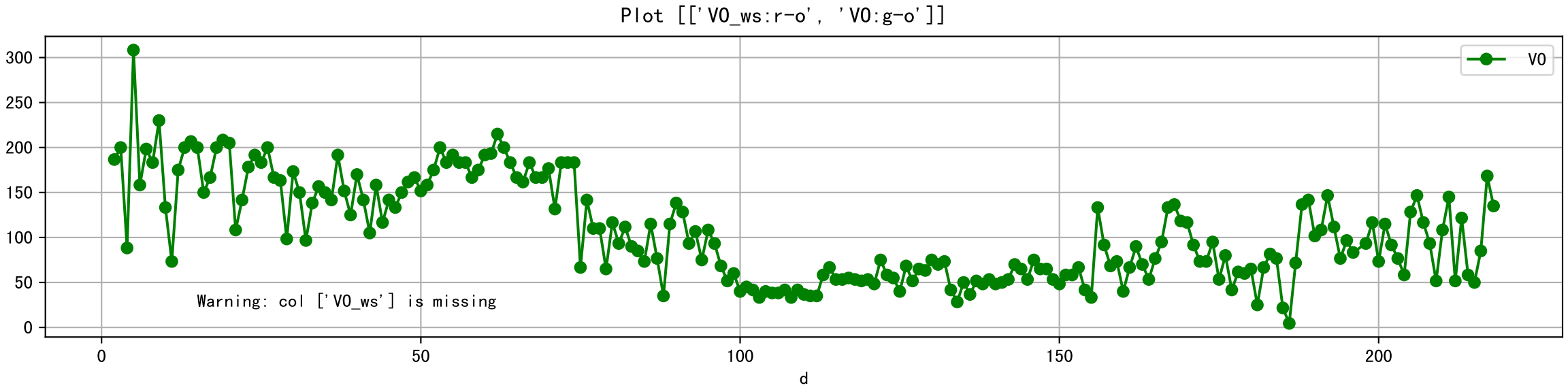


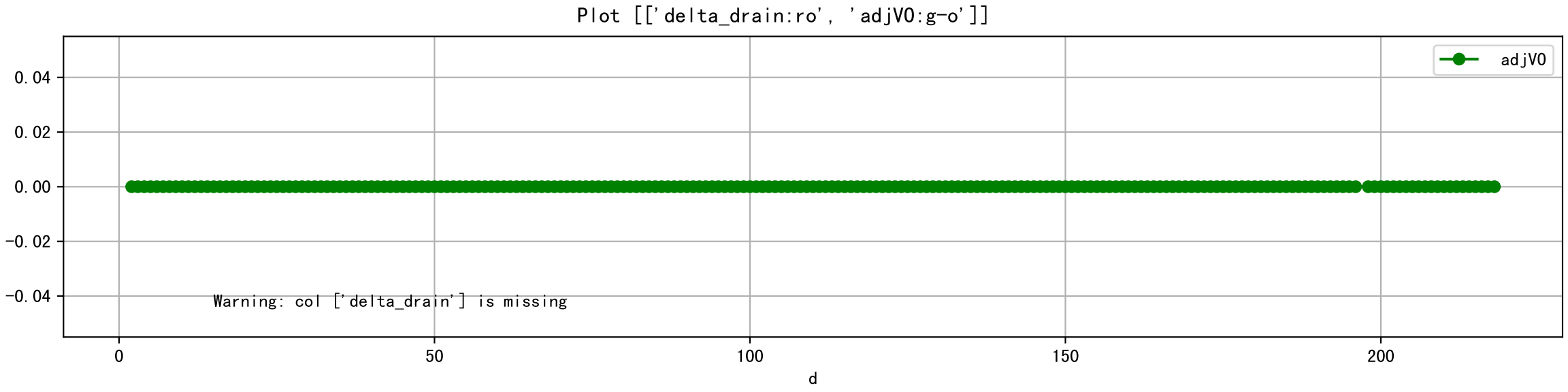


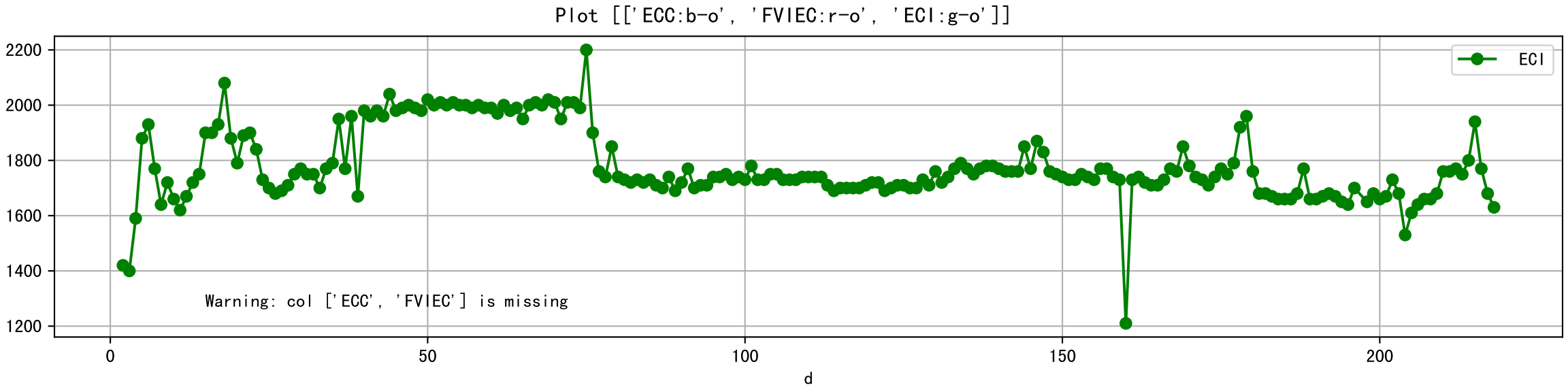

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
0.2
0
50
100
150
200
250
300
d
taoc
taoc_raw
taoc_avg

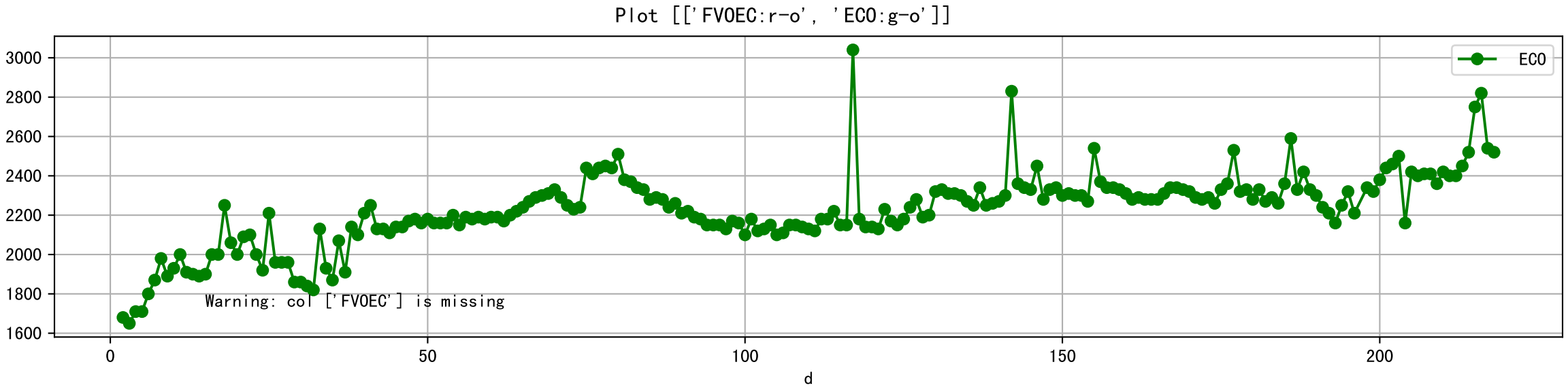

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_VN
slSetVI
Warning: col ['setVI_fgRec'] is missing
d

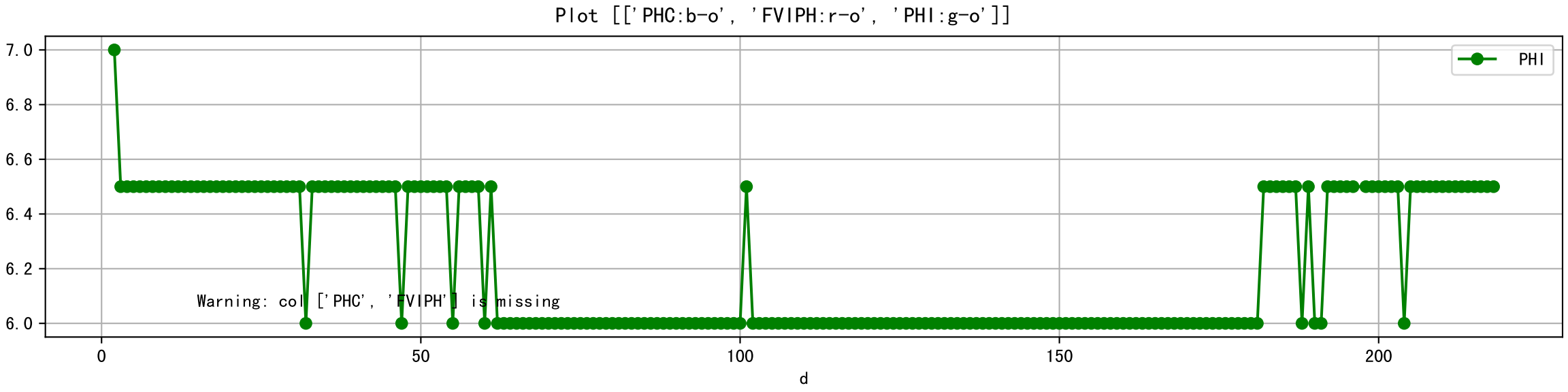

Plot [['FRV:b-o', 'VI_ws:r-o', 'VI:g-o']]
VI
Warning: col ['FRV', 'VI_ws'] is missing
2000
1500
1000
500
0
0
50
100
150
200
d

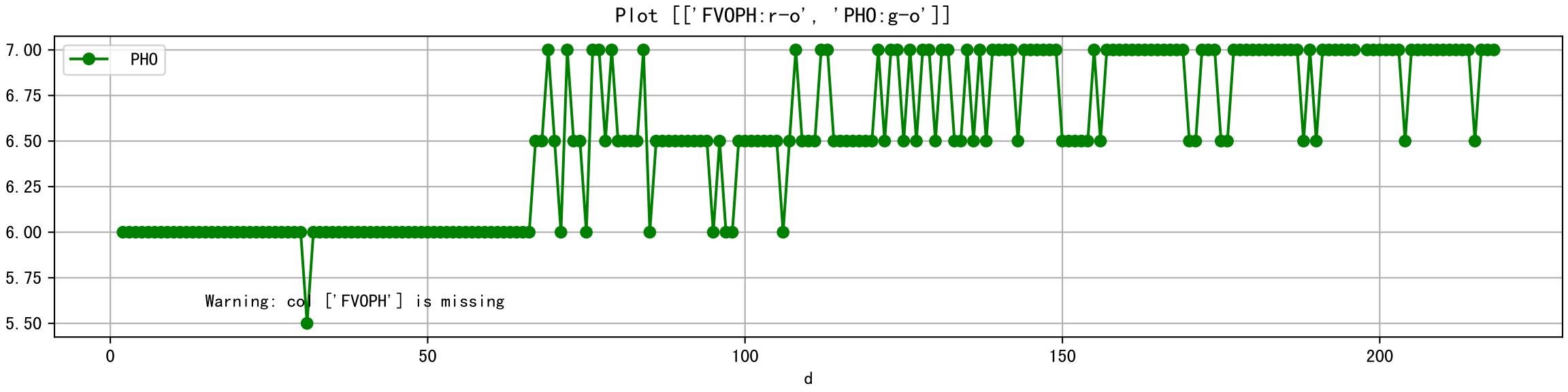

Plot [['VO_ws:r-o', 'VO:g-o']]
VO
Warning: col ['VO_ws'] is missing
300
250
200
150
100
50
0
0
50
100
150
200
d

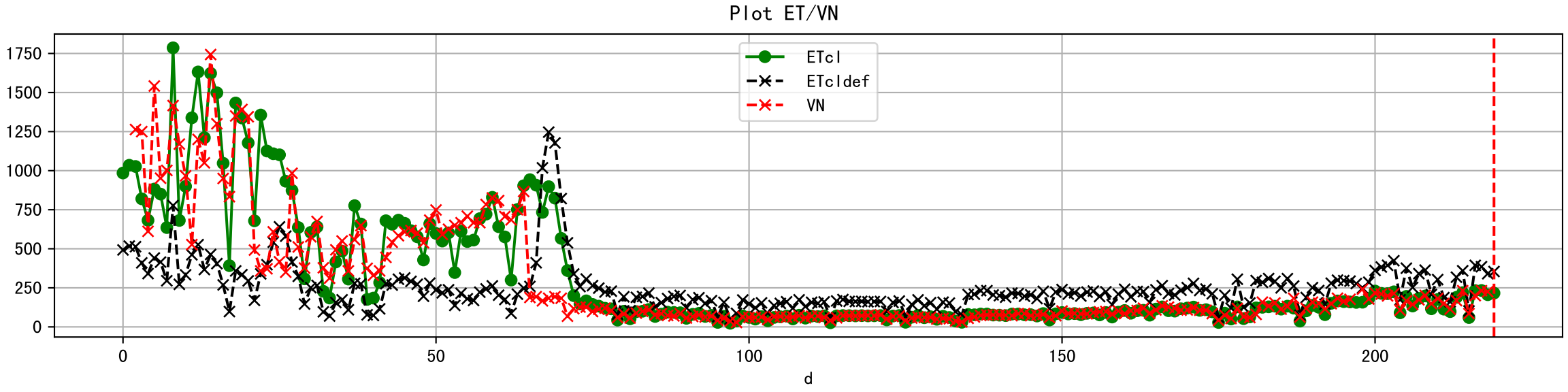

Plot [['delta_drain:ro', 'adjV0:g-o']]
adjV0
0.04
0.02
0.00
-0.02
-0.04
Warning: col ['delta_drain'] is missing
0
50
100
150
200
d

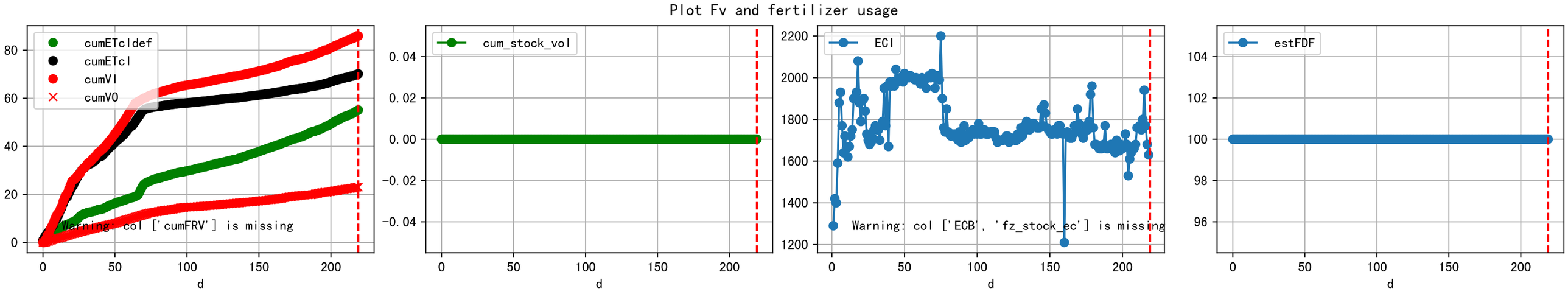

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECI
Warning: col ['ECC', 'FVIEC'] is missing
2200
2000
1800
1600
1400
1200
0
50
100
150
200
d


Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3000
2800
2600
2400
2200
2000
1800
1600
0
50
100
150
200
d

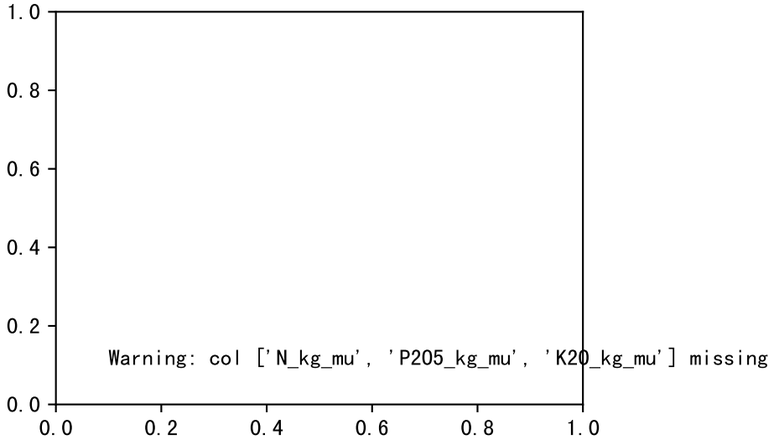

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHI
Warning: col ['PHC', 'FVIPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
0
50
100
150
200
d

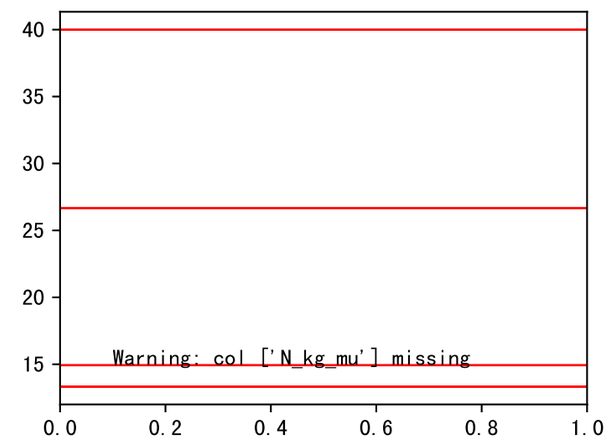

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.00
6.75
6.50
6.25
6.00
5.75
5.50
0
50
100
150
200
d

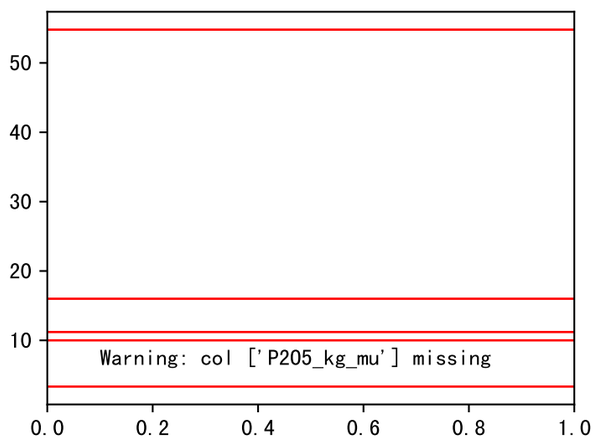

Plot ET/VN
ETcl
ETcldef
VN
1750
1500
1250
1000
750
500
250
0
0
50
100
150
200
d

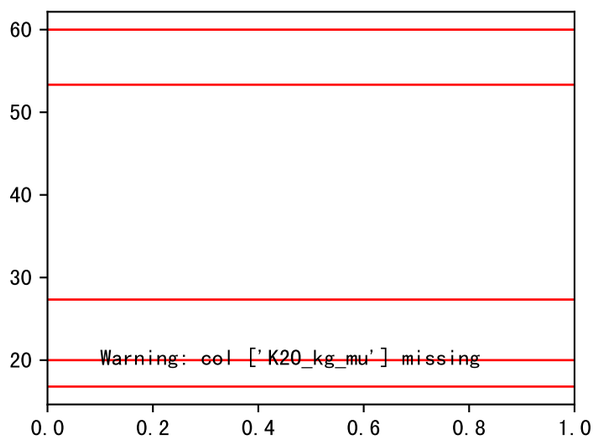

Plot Fv and fertilizer usage
cumETcldef
cumETcl
cumVI
cumVO
Warning: col ['cumFRV'] is missing
d
cum_stock_vol
d
ECI
Warning: col ['ECB', 'fz_stock_ec'] is missing
d
estFDF
d

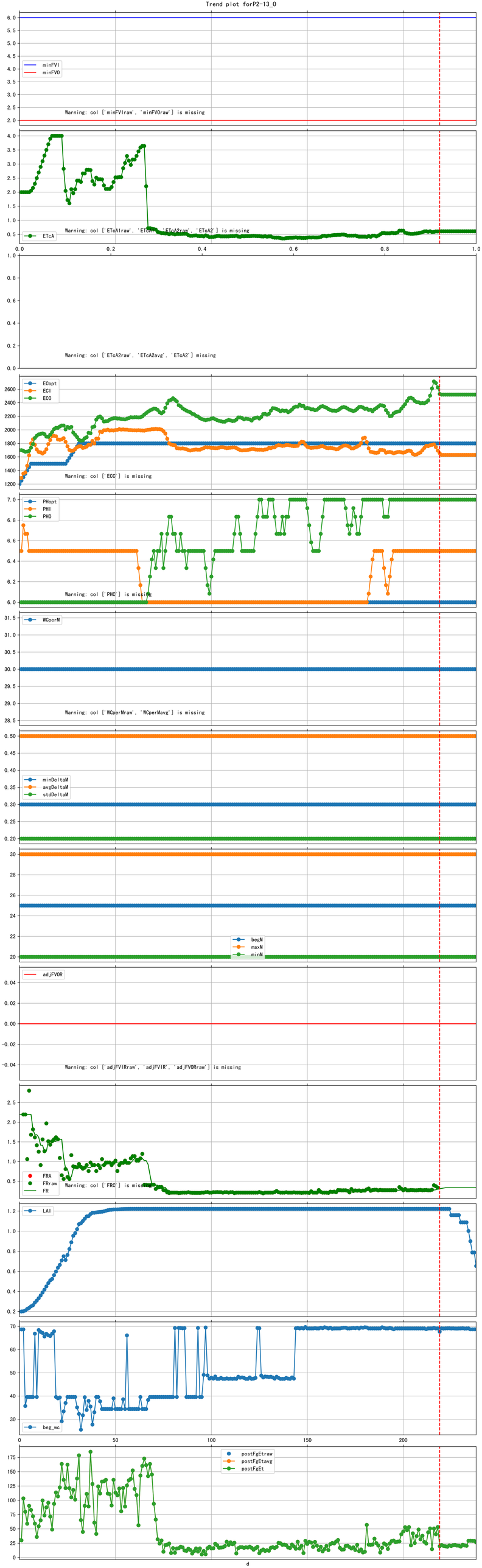
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

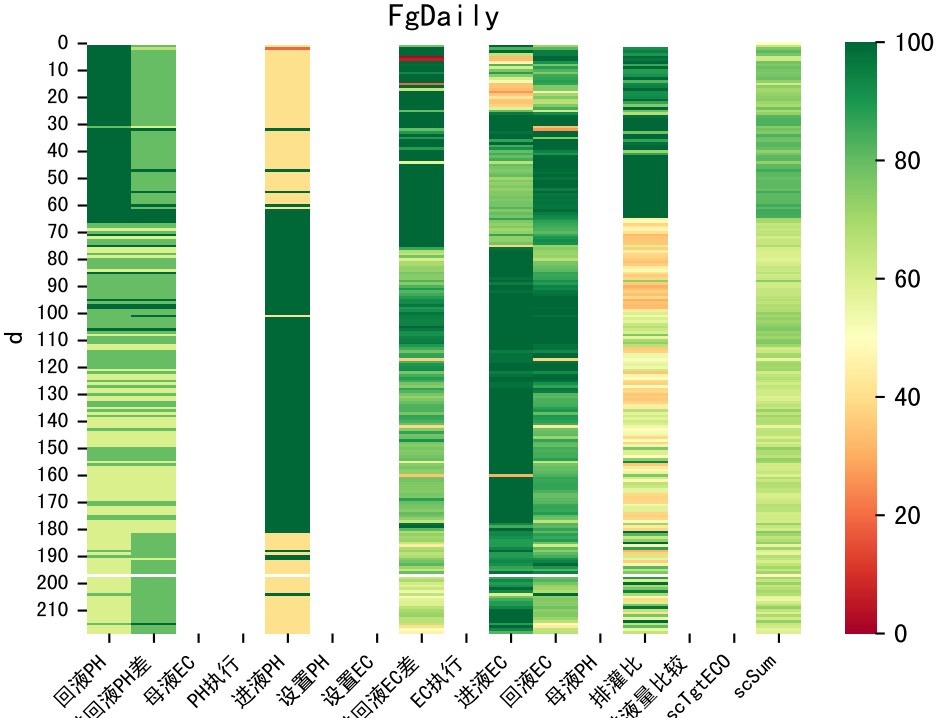




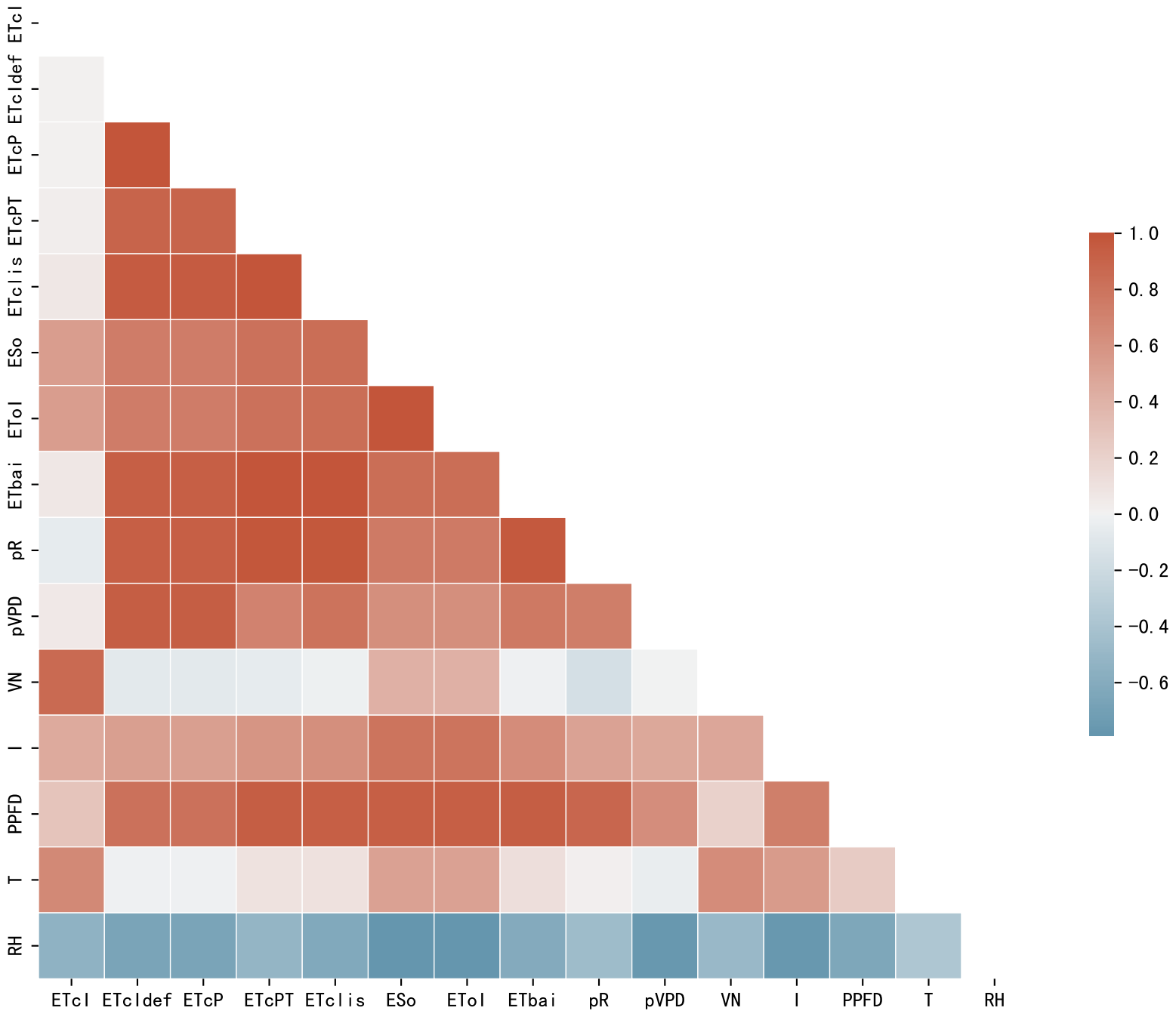


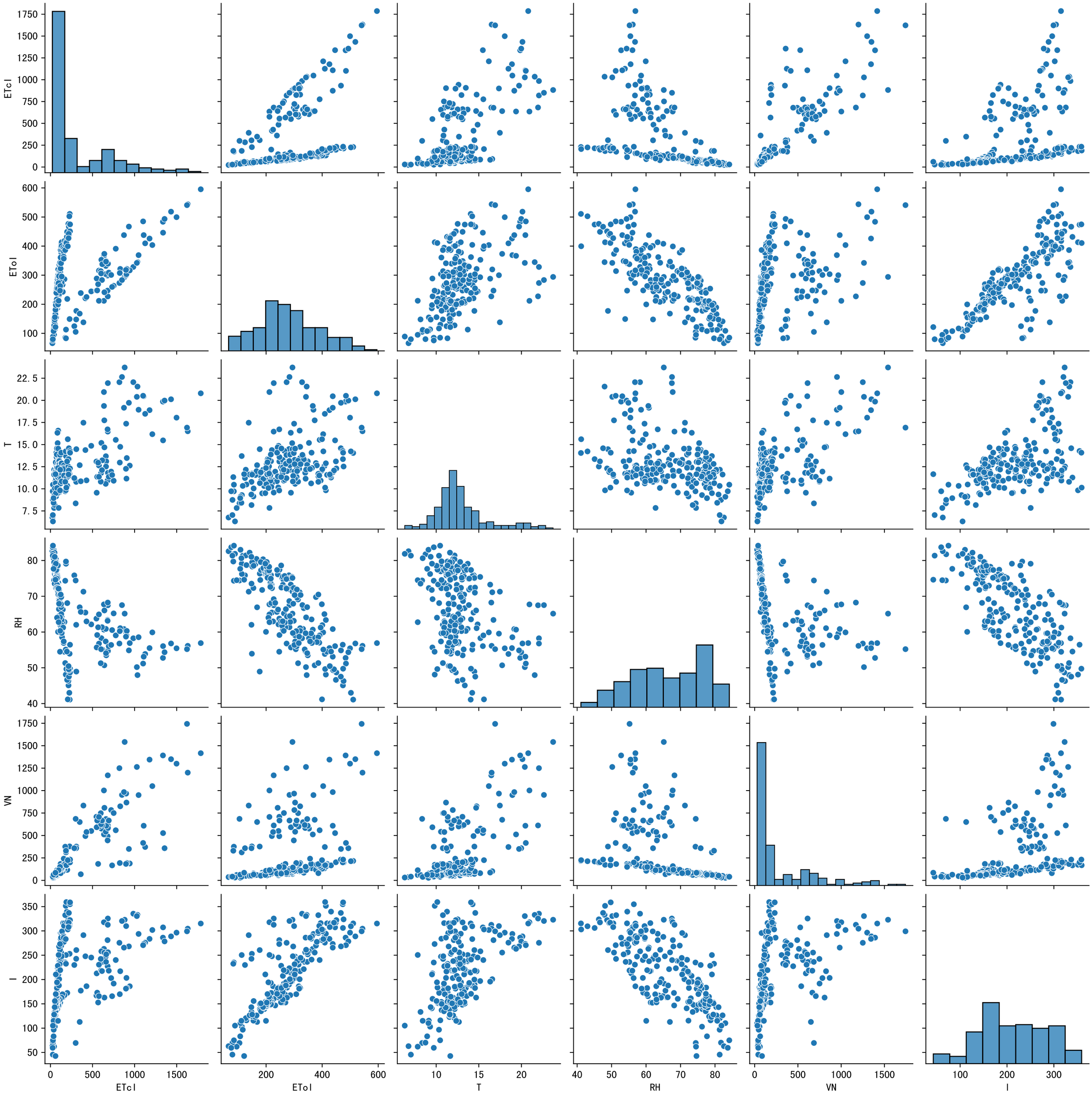


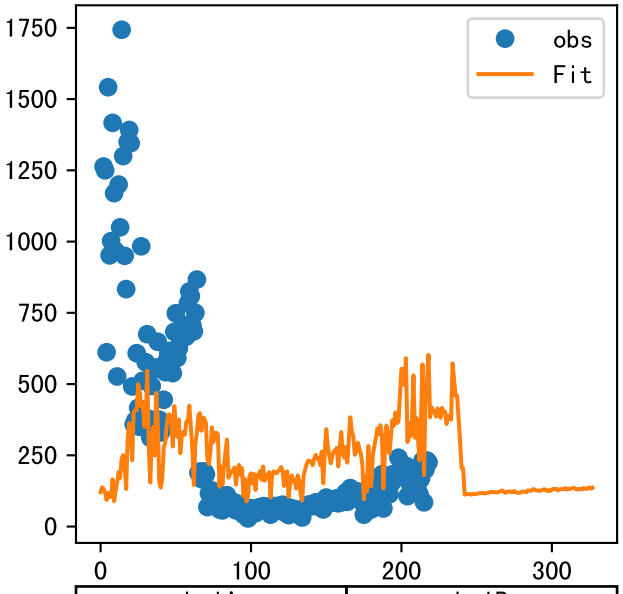

Trend plot forP2-13_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECi
ECO
Warning: col ['ECC'] is missing
PHopt
PHI
PHO
Warning: col ['PHC'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRraw
FR
Warning: col ['FRC'] is missing
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

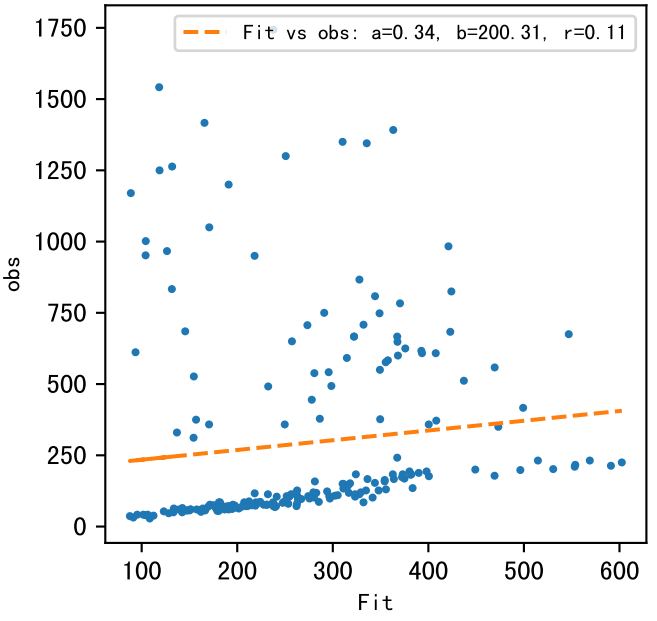

FgDaily
d
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
100
80
60
40
20
0
回液PH
回液PH差
母液EC
PH执行
进液PH
设置PH
设置EC
回液EC差
EC执行
进液EC
回液EC
母液PH
排灌比
液量比较
scTgtEC0
scSum

P2-13_0
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

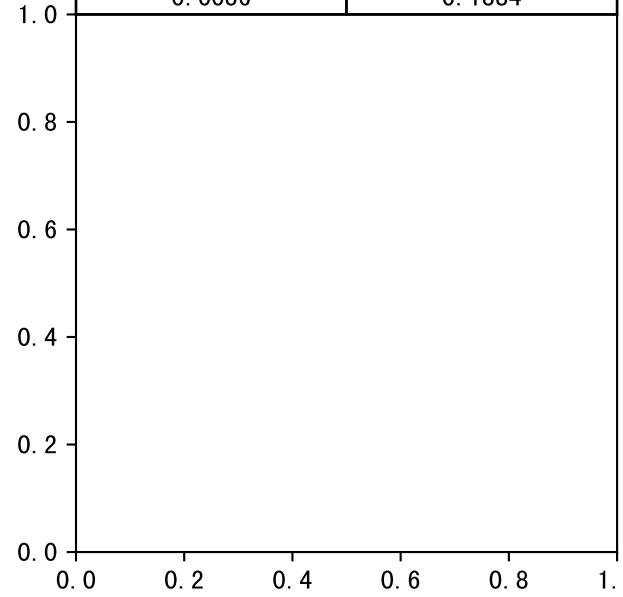

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

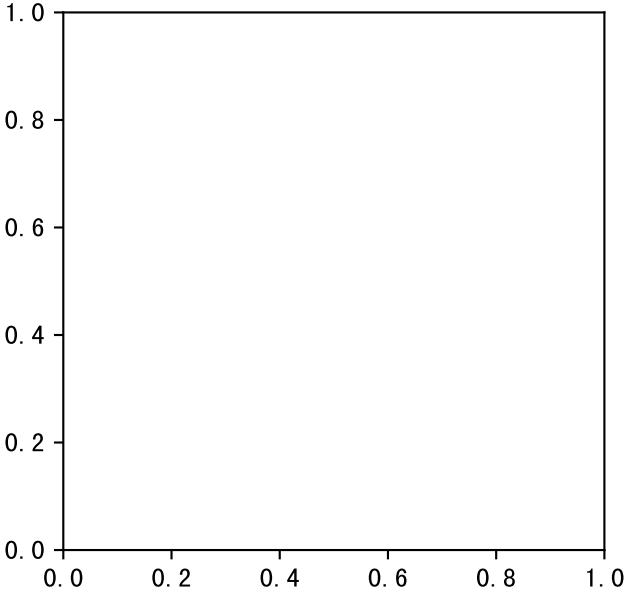

ETcl
ETol
T
RH
VN
I

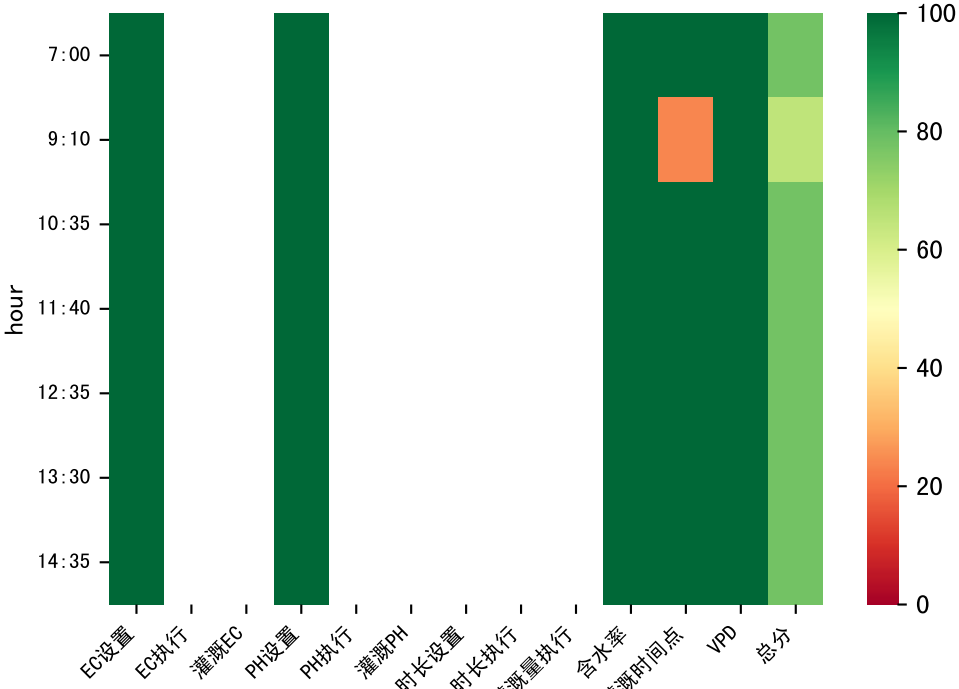




baiA	baiB
0.0036	0.1384

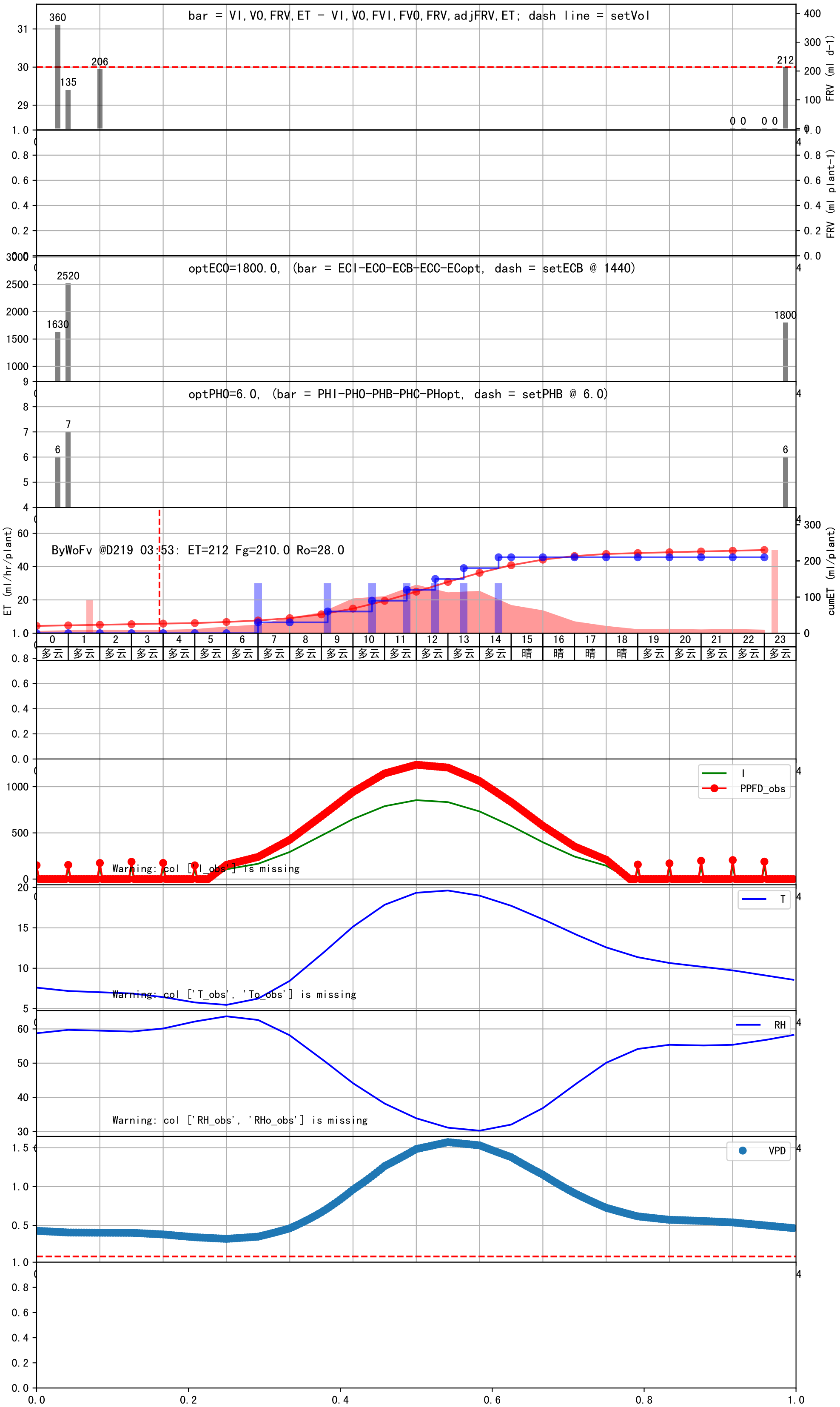


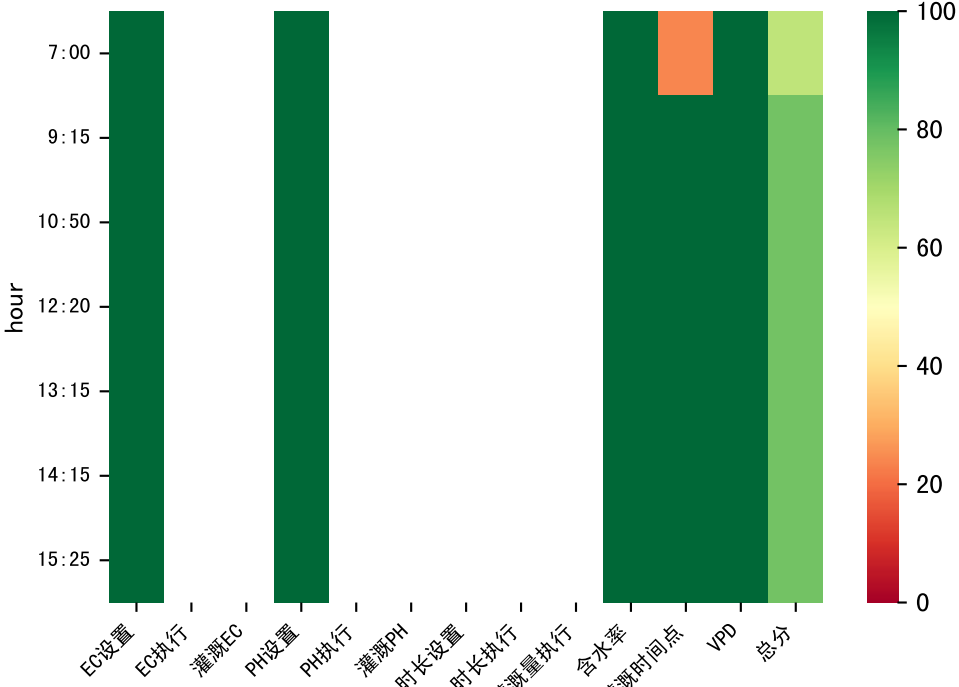



hour
7:00
9:10
10:35
11:40
12:35
13:30
14:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	97	30.0	0.14	多云	预期@07:00 手动（未用传感器）
09:10	97	30.0	0.14	多云	预期@09:10 手动（未用传感器）
10:35	97	30.0	0.14	多云	预期@10:35 手动（未用传感器）
11:40	97	30.0	0.14	多云	预期@11:40 手动（未用传感器）
12:35	97	30.0	0.14	多云	预期@12:35 手动（未用传感器）
13:30	97	30.0	0.14	多云	预期@13:30 手动（未用传感器）
14:35	97	30.0	0.14	多云	预期@14:35 手动（未用传感器）
总计	679.0 (7次)	210.0			建议进液EC：1440， PH：6.0

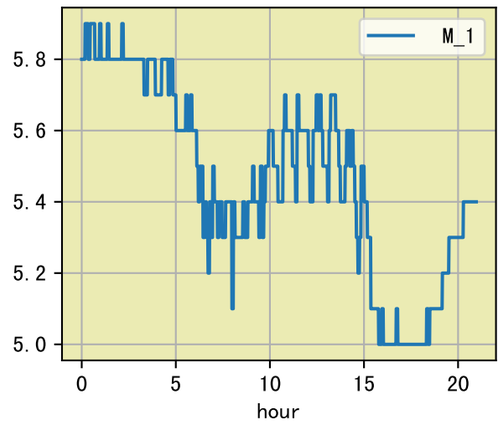
P2-13_0, Day=219 (2026-04-13)

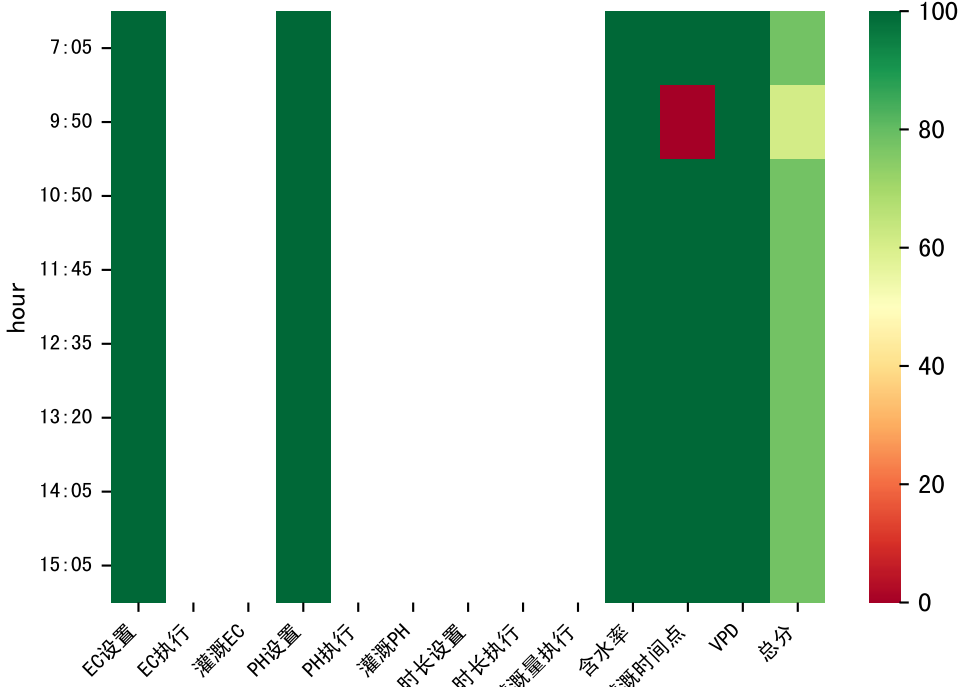



hour
7:00
9:15
10:50
12:20
13:15
14:15
15:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:00	107	30.0	0.14	阴	假设@07:00 未知程序（未用传感器）
09:15	107	30.0	0.14	阴	假设@09:15 未知程序（未用传感器）
10:50	107	30.0	0.14	阴	假设@10:50 未知程序（未用传感器）
12:20	107	30.0	0.14	阴	假设@12:20 未知程序（未用传感器）
13:15	107	30.0	0.14	多云	假设@13:15 未知程序（未用传感器）
14:15	107	30.0	0.14	多云	假设@14:15 未知程序（未用传感器）
15:25	107	30.0	0.14	多云	假设@15:25 未知程序（未用传感器）
总计	749.0 (7次)	210.0			建议进液EC：1440， PH：6.0

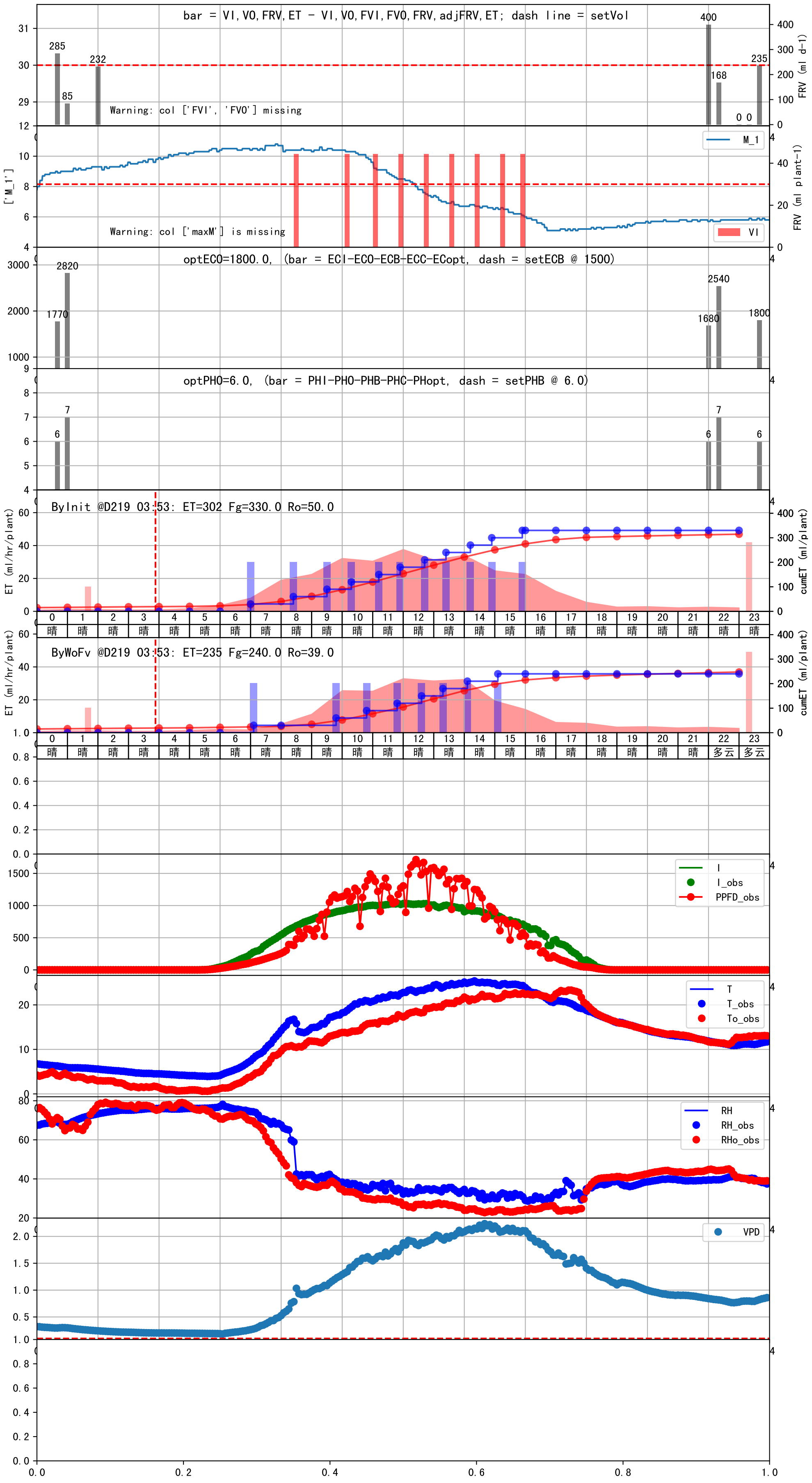
P2-13_0, Day=218 (2026-04-12)

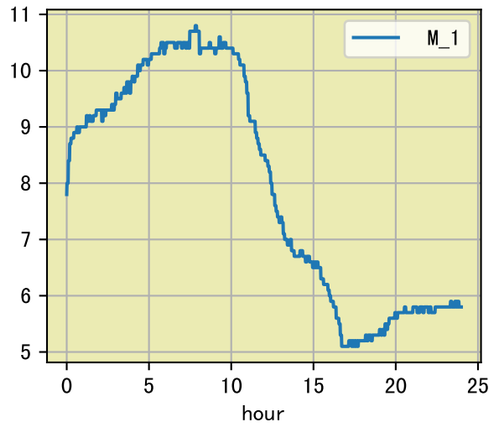

M_1
5.8
5.6
5.4
5.2
5.0
0
5
10
15
20
hour

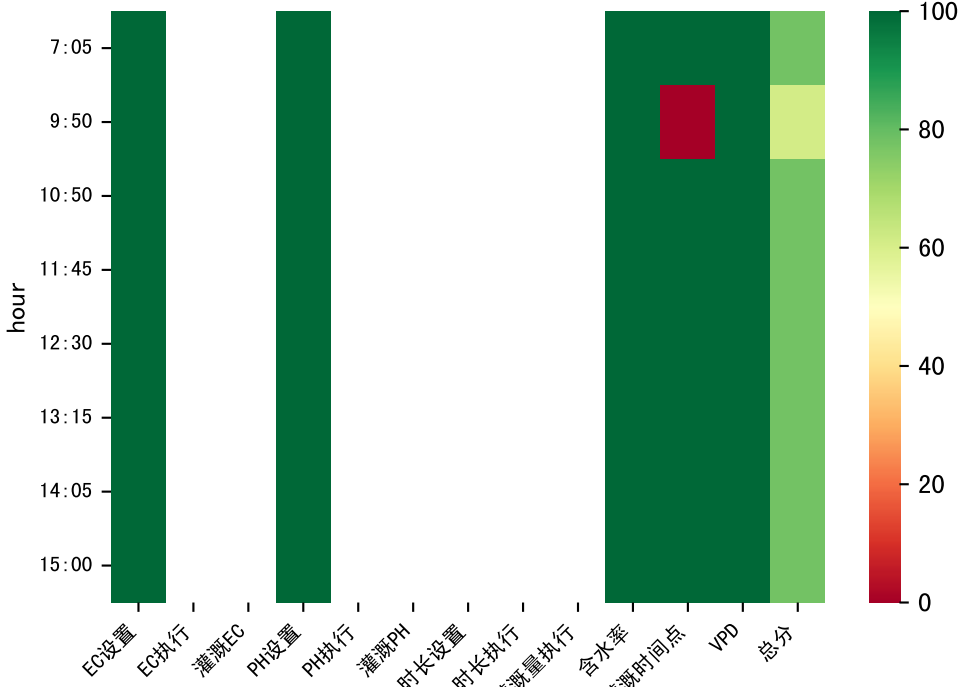

hour
7:05
9:50
10:50
11:45
12:35
13:20
14:05
15:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	107	30.0	0.14	晴	假设@07:05 未知程序（未用传感器）
09:50	107	30.0	0.14	晴	假设@09:50 未知程序（未用传感器）
10:50	107	30.0	0.14	晴	假设@10:50 未知程序（未用传感器）
11:45	107	30.0	0.14	晴	假设@11:45 未知程序（未用传感器）
12:35	107	30.0	0.14	晴	假设@12:35 未知程序（未用传感器）
13:20	107	30.0	0.14	晴	假设@13:20 未知程序（未用传感器）
14:05	107	30.0	0.14	晴	假设@14:05 未知程序（未用传感器）
15:05	107	30.0	0.14	晴	假设@15:05 未知程序（未用传感器）
总计	856.0 (8次)	240.0			建议进液EC：1500， PH：6.0

P2-13_0, Day=217 (2026-04-11)

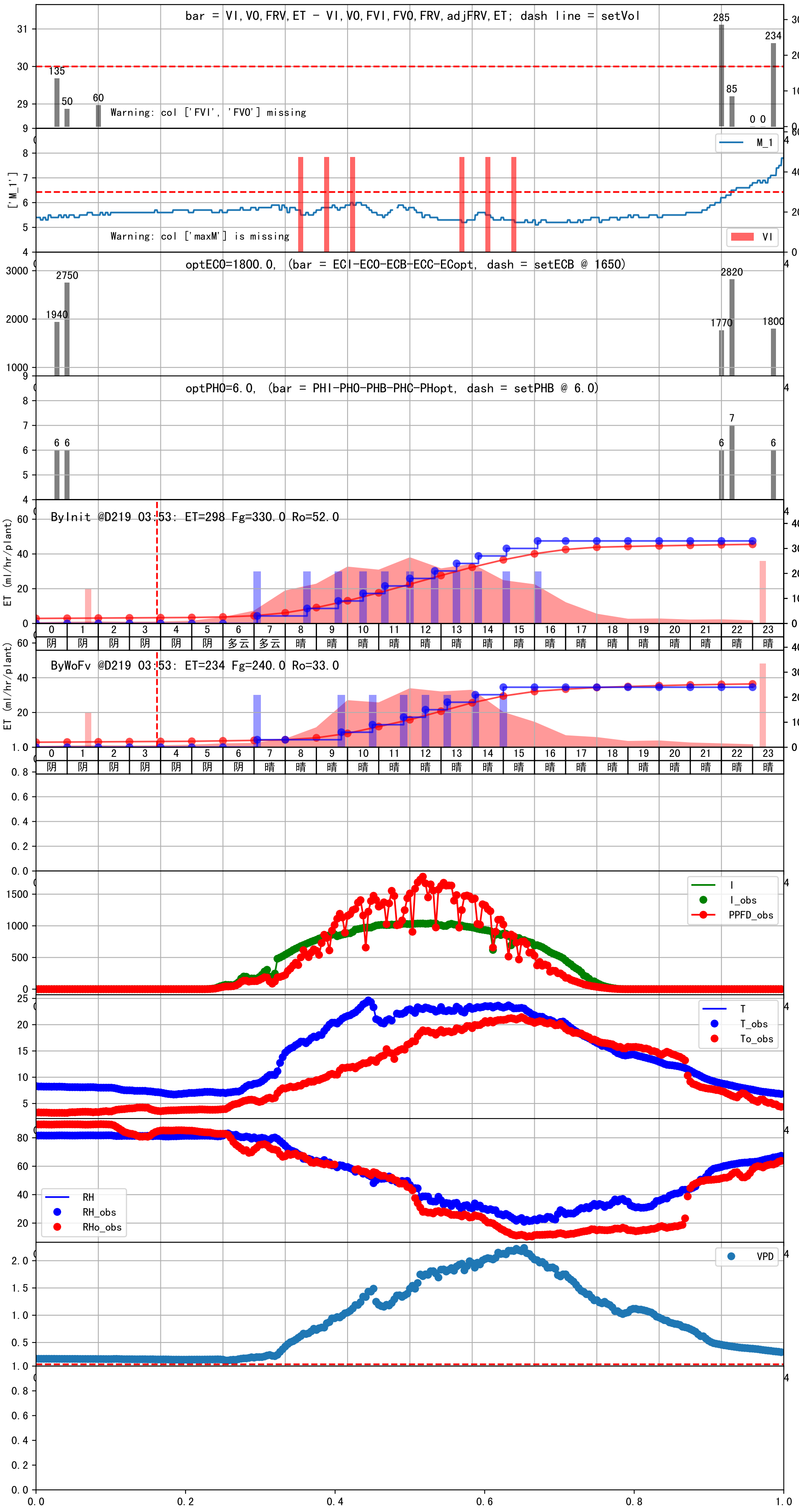


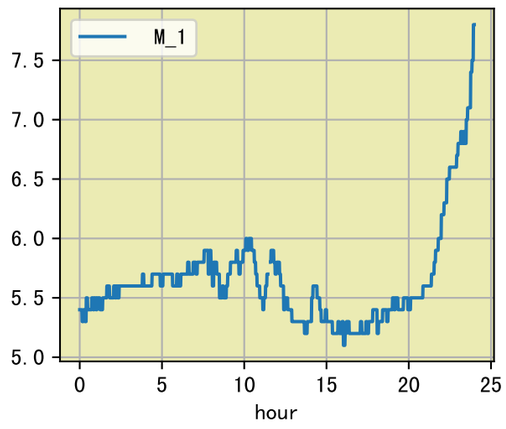

M_1
11
10
9
8
7
6
5
0
5
10
15
20
25
hour

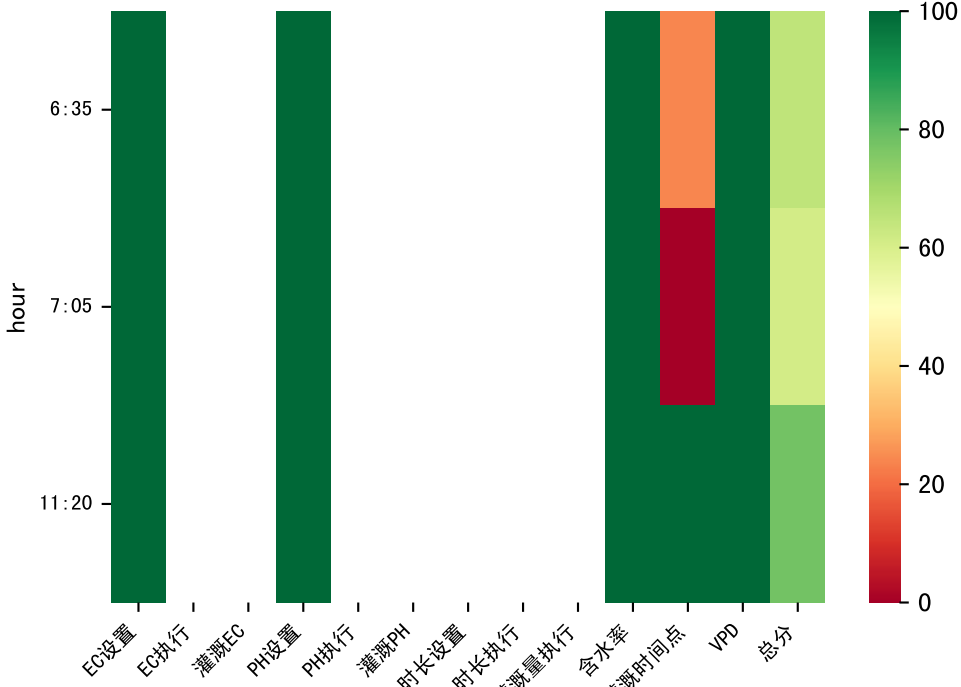

hour
7:05
9:50
10:50
11:45
12:30
13:15
14:05
15:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:05	111	30.0	0.14	晴	假设@07:05 未知程序（未用传感器）
09:50	111	30.0	0.14	晴	假设@09:50 未知程序（未用传感器）
10:50	111	30.0	0.14	晴	假设@10:50 未知程序（未用传感器）
11:45	111	30.0	0.14	晴	假设@11:45 未知程序（未用传感器）
12:30	111	30.0	0.14	晴	假设@12:30 未知程序（未用传感器）
13:15	111	30.0	0.14	晴	假设@13:15 未知程序（未用传感器）
14:05	111	30.0	0.14	晴	假设@14:05 未知程序（未用传感器）
15:00	111	30.0	0.14	晴	假设@15:00 未知程序（未用传感器）
总计	888.0 (8次)	240.0			建议进液EC：1650， PH：6.0

P2-13_0, Day=216 (2026-04-10)

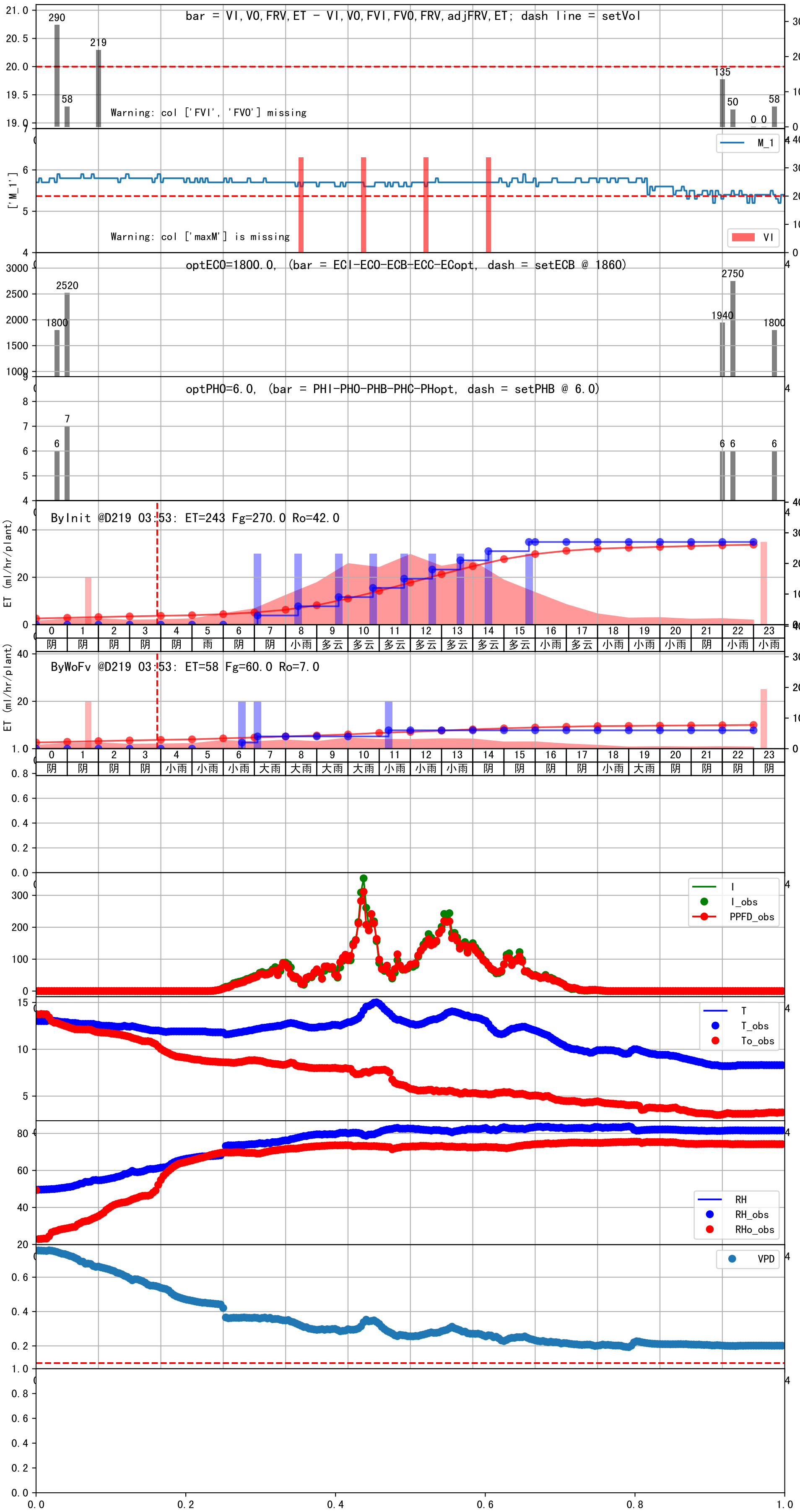


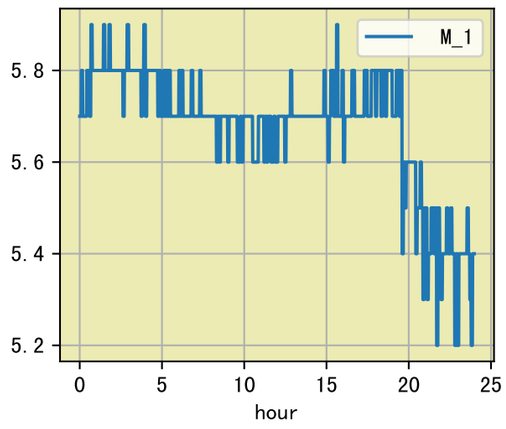

M_1
7.5
7.0
6.5
6.0
5.5
5.0
0
5
10
15
20
25
hour


hour
6:35
7:05
11:20
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
06:35	74	20.0	0.094	小雨	假设@06:35 未知程序（未用传感器）
07:05	74	20.0	0.094	大雨	假设@07:05 未知程序（未用传感器）
11:20	74	20.0	0.094	小雨	假设@11:20 未知程序（未用传感器）
总计	222.0 (3次)	60.0			建议进液EC：1860， PH：6.0

P2-13_0, Day=215 (2026-04-09)




M_1
5.8
5.6
5.4
5.2
0
5
10
15
20
25
hour