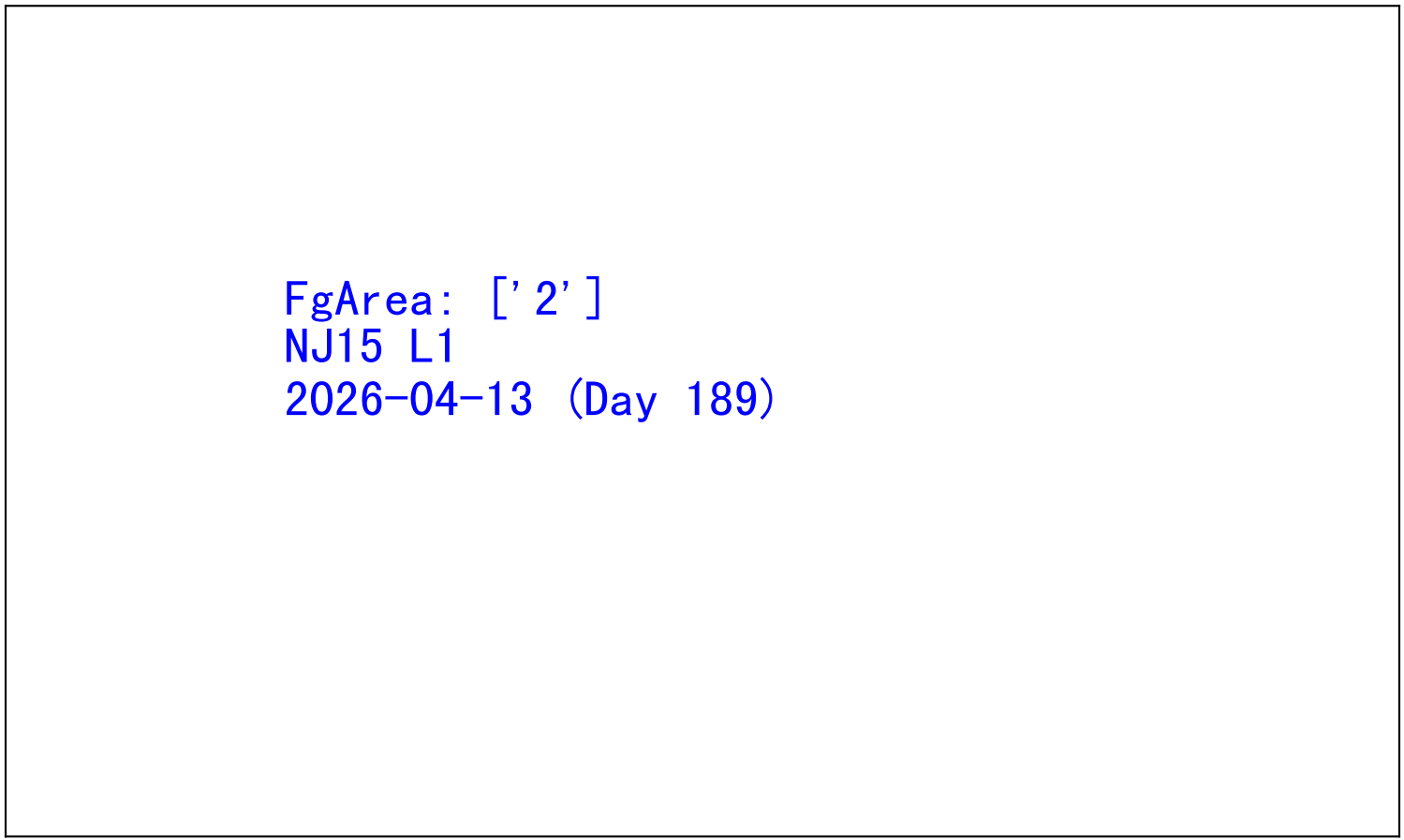
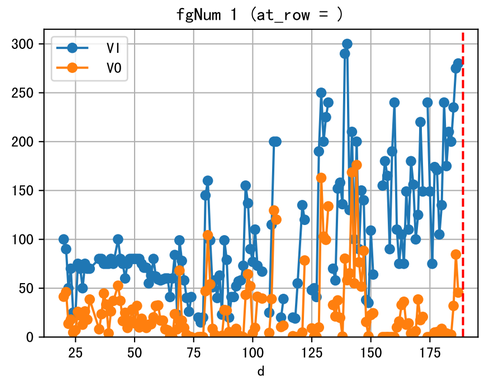
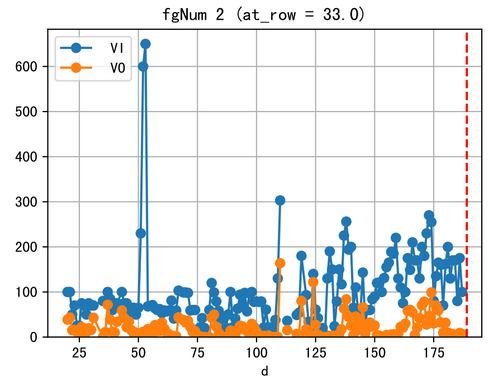
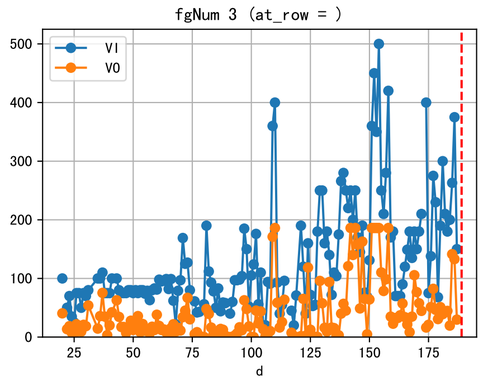
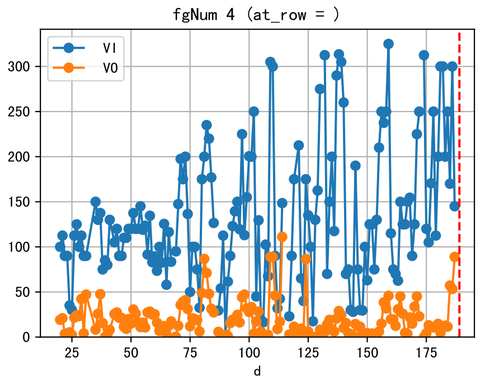
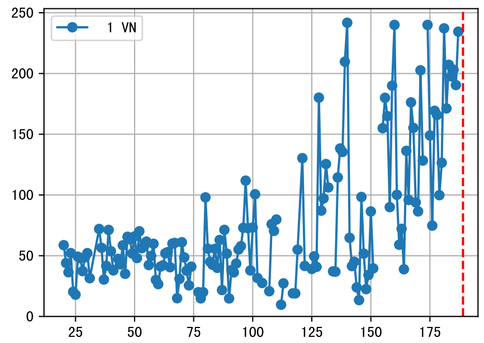

FgArea: ['2']
NJ15 L1
2026-04-13 (Day 189)

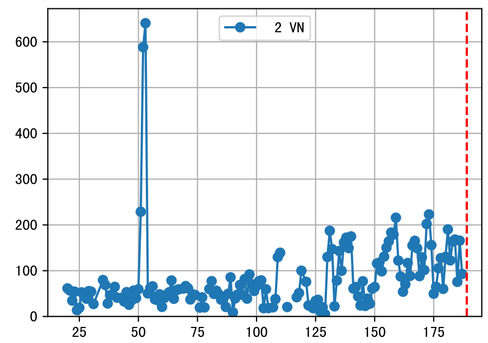

fgNum 1 (at_row =)
VI
VO
d

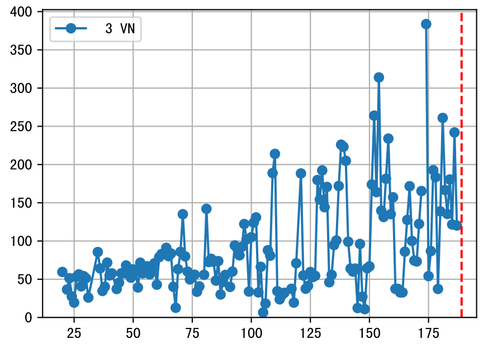

fgNum 2 (at_row = 33.0)
VI
VO
d

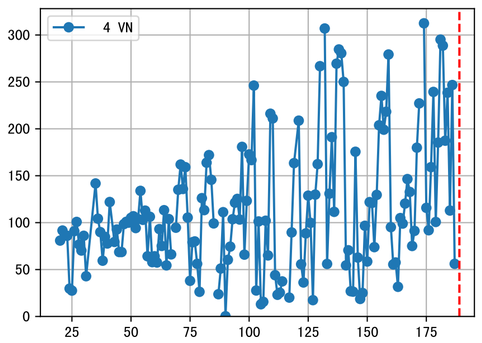

fgNum 3 (at_row =)
VI
VO
d

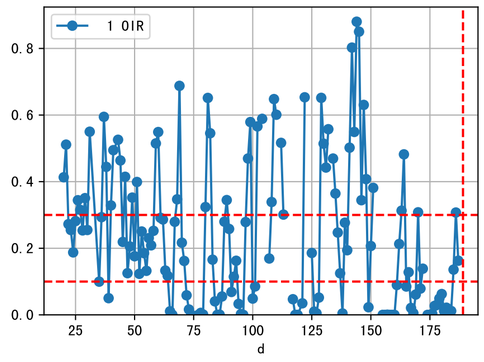

fgNum 4 (at_row =)
VI
VO
d

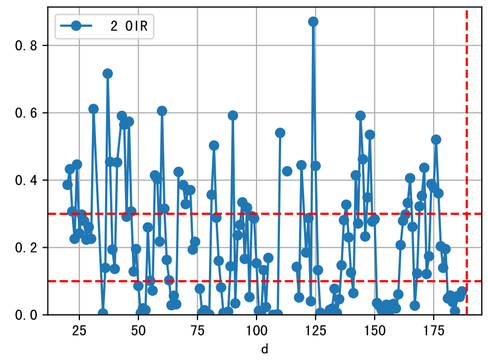

1 VN
d

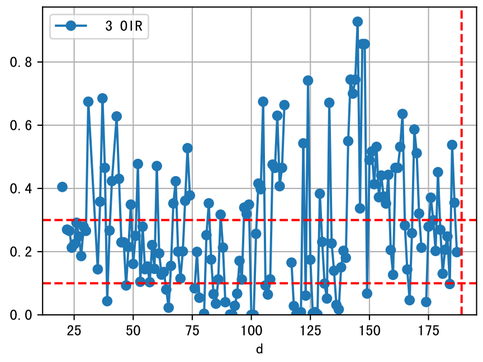

2 VN
d

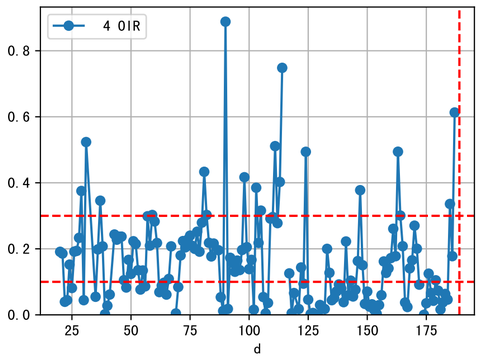

3 VN
d

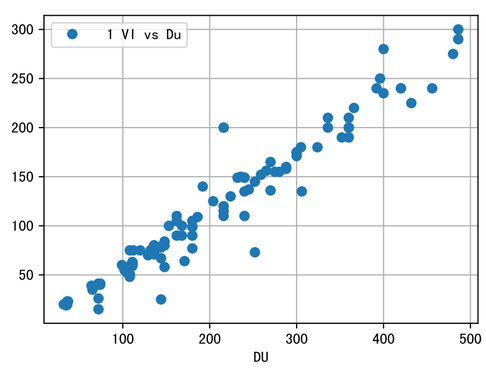

4 VN
d

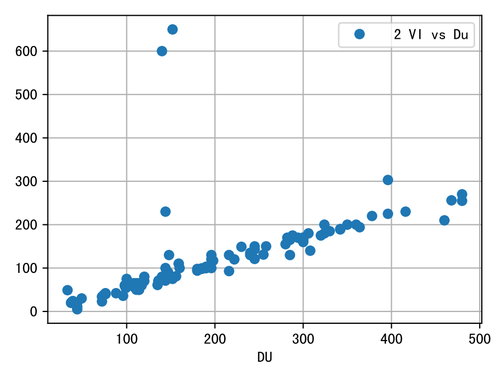

1 OIR
d

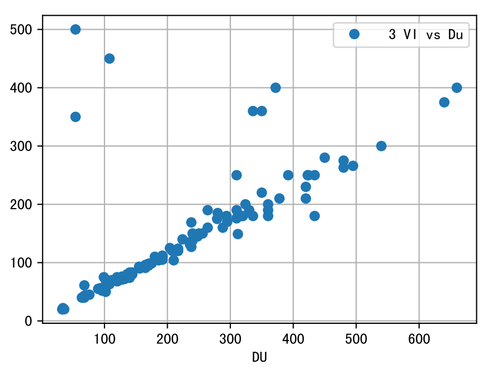

2 OIR
d

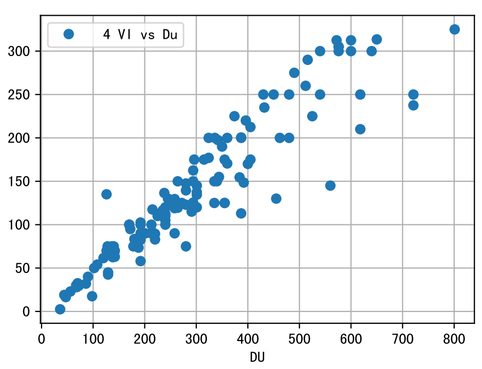

3 OIR
d

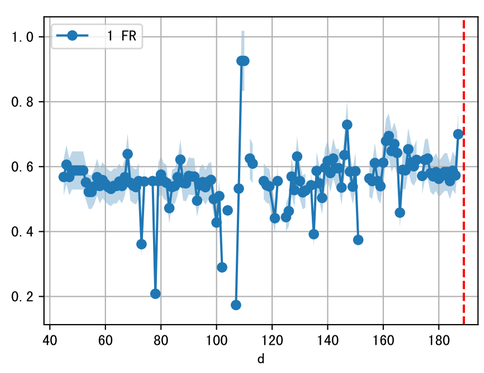

4 OIR
d

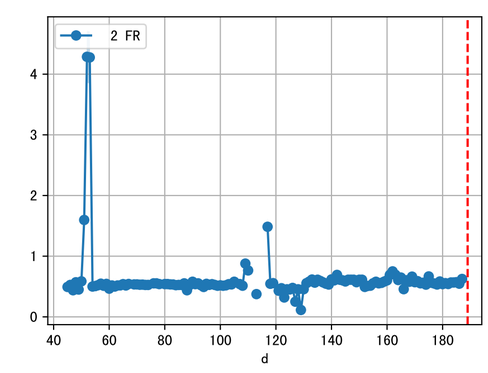

1 VI vs Du
DU

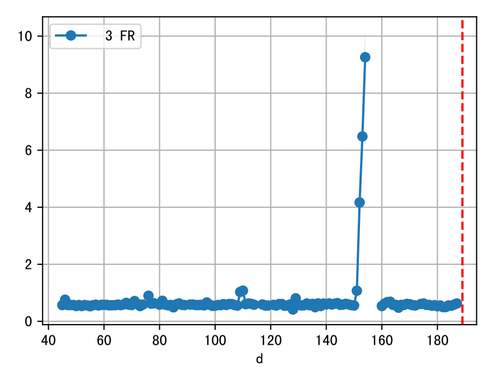

2 VI vs Du
DU

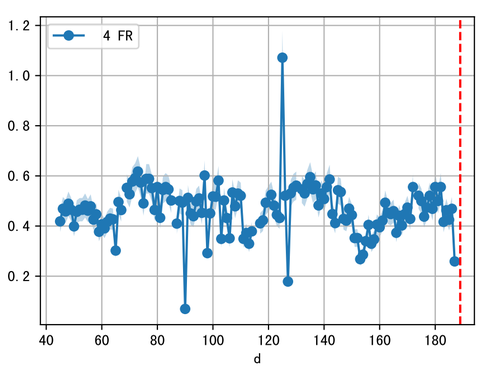

3 VI vs Du
DU

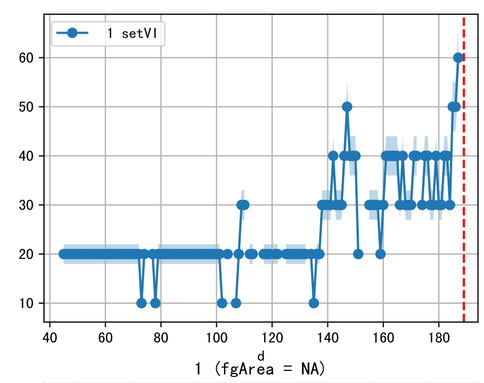

4 VI vs Du
DU

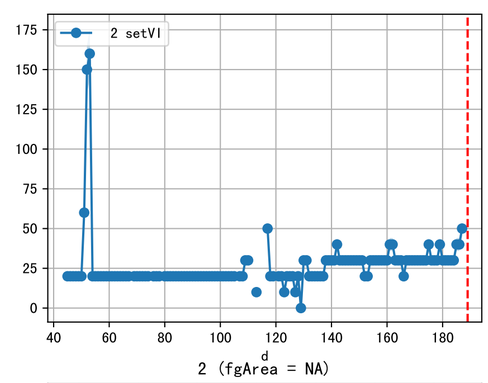

1 FR
d

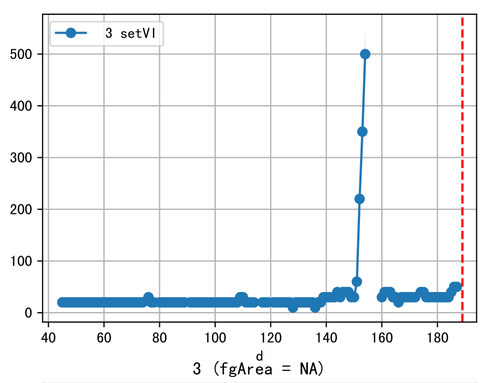

2 FR
d

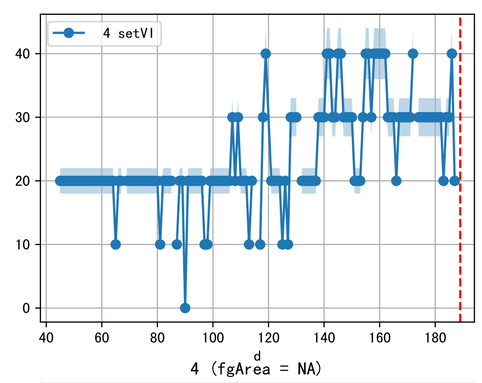

3 FR
d

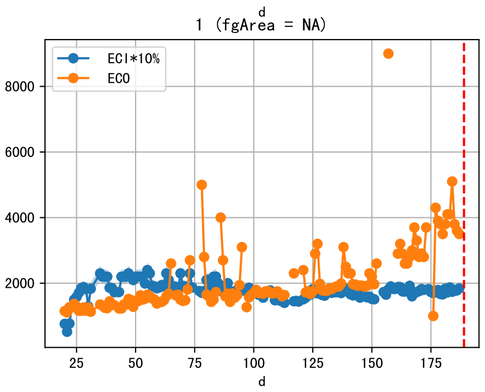

4 FR
d

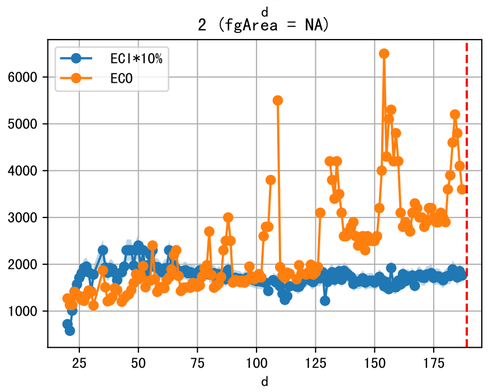

1 setVI
d

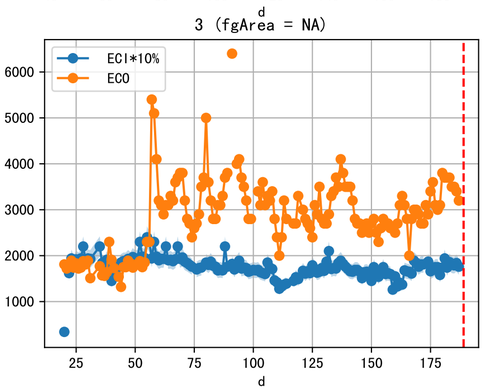

2 setVI
d

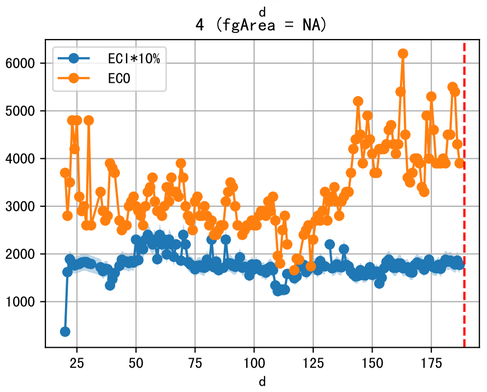

3 setVI
d

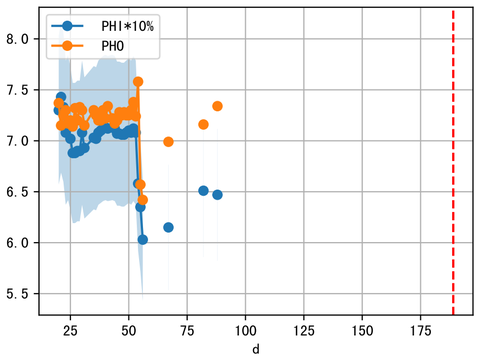
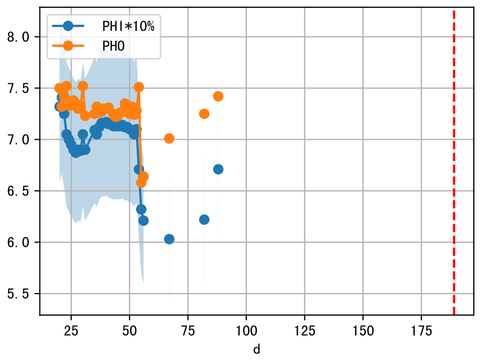
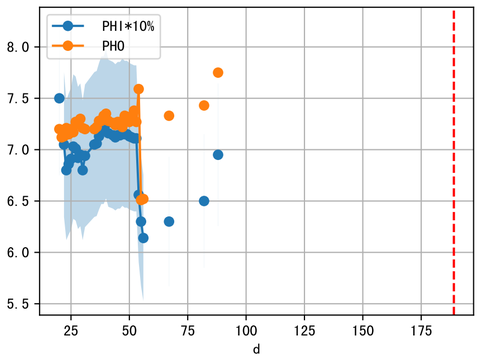
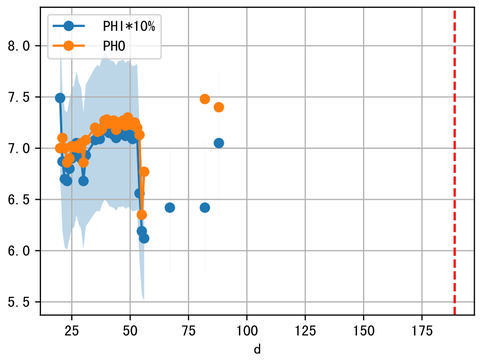

4 setVI
d

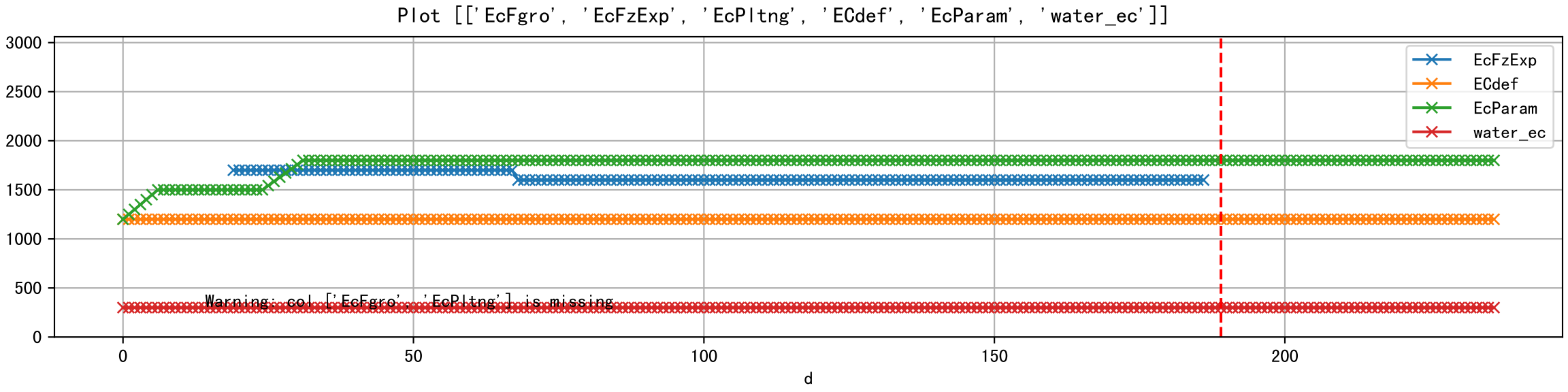

1 (fgArea = NA)
ECI*10%
ECO
d

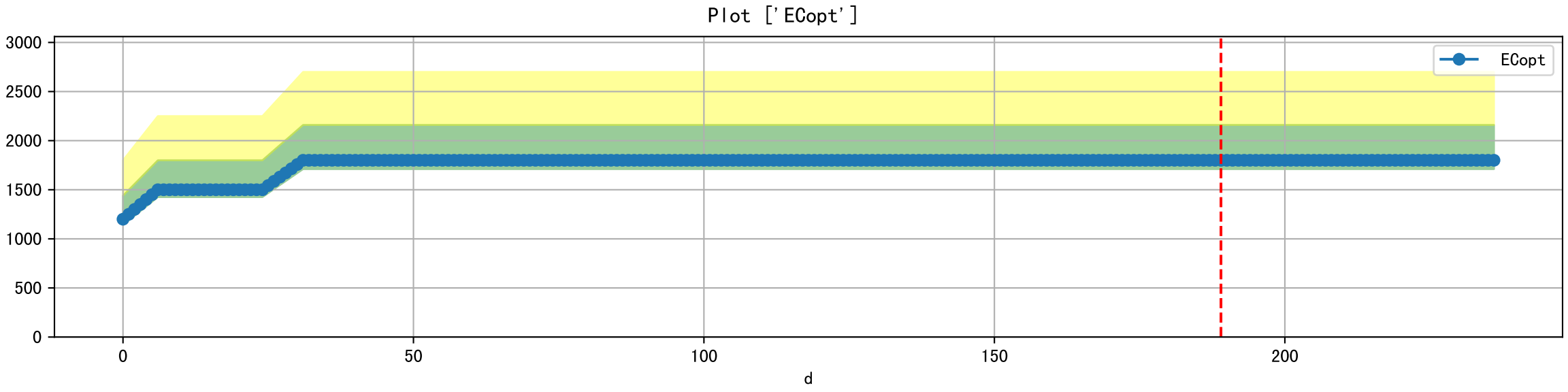

2 (fgArea = NA)
ECI*10%
ECO
d


3 (fgArea = NA)
ECI*10%
ECO
d

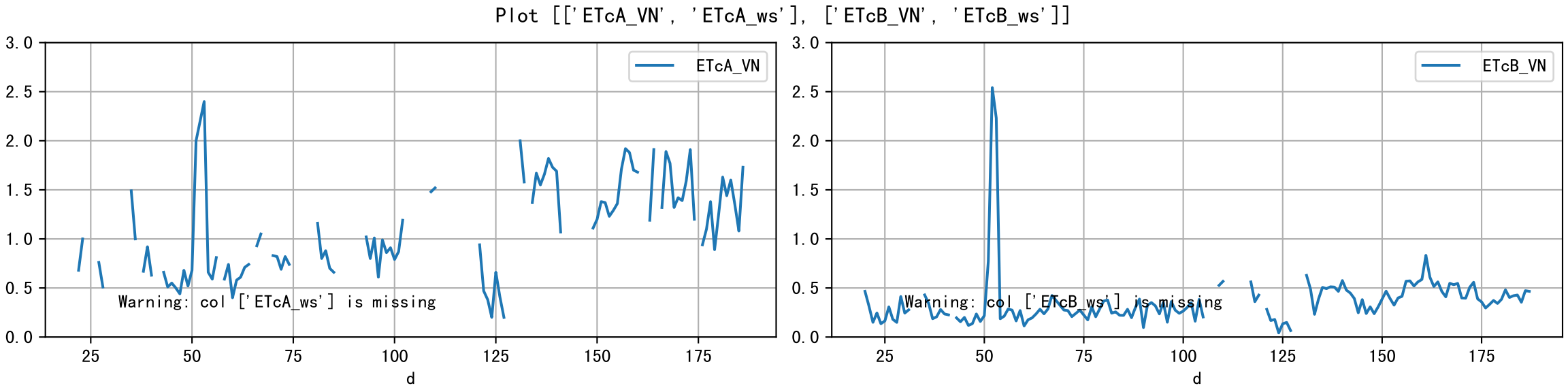

4 (fgArea = NA)
ECI*10%
ECO
d

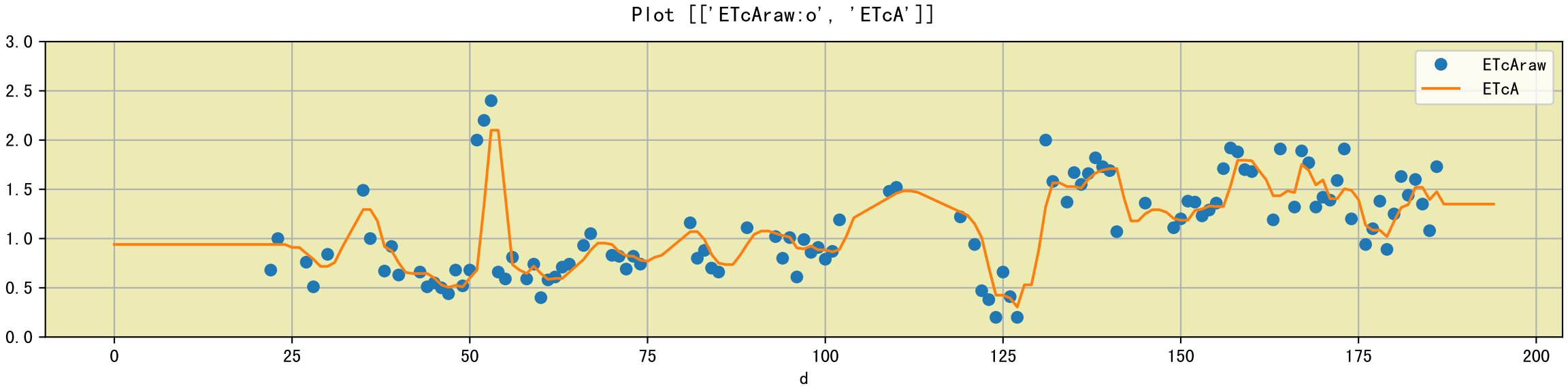

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
25
50
75
100
125
150
175
d

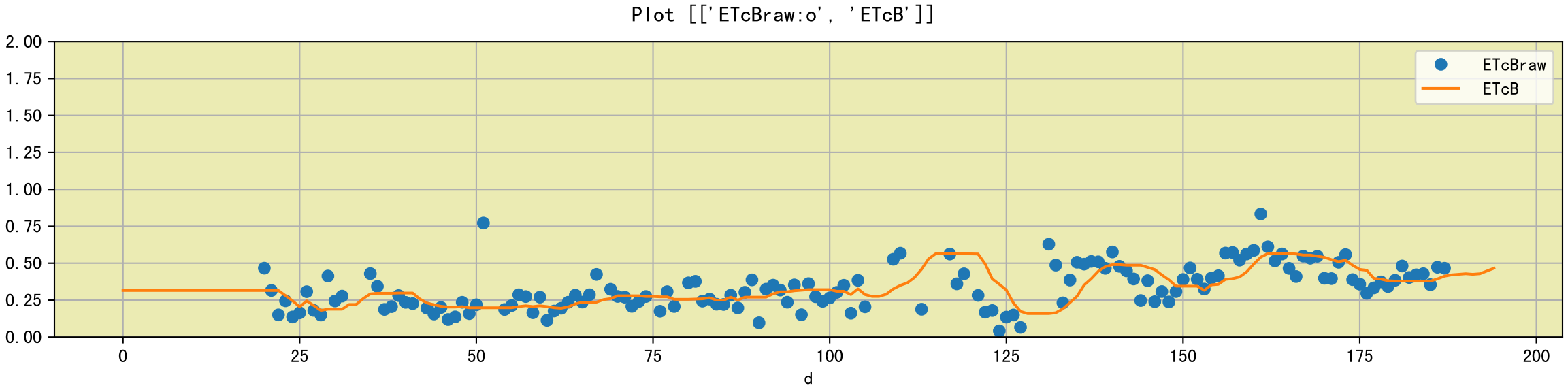

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
Warning: col ['EcFgro', 'EcPltng'] is missing
EcFzExp
ECdef
EcParam
water_ec
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


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

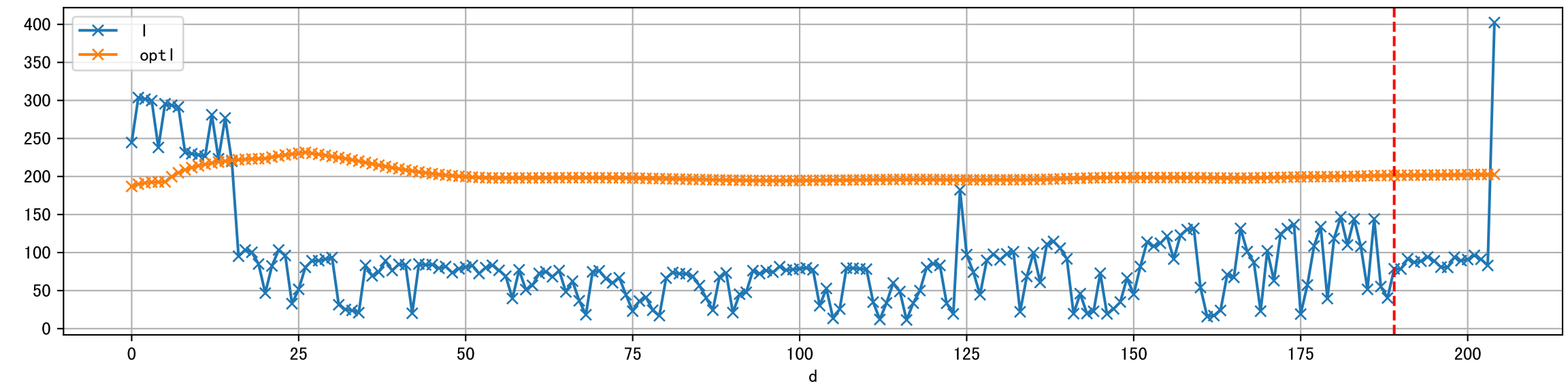
Plot Sensor and FgRec Detail

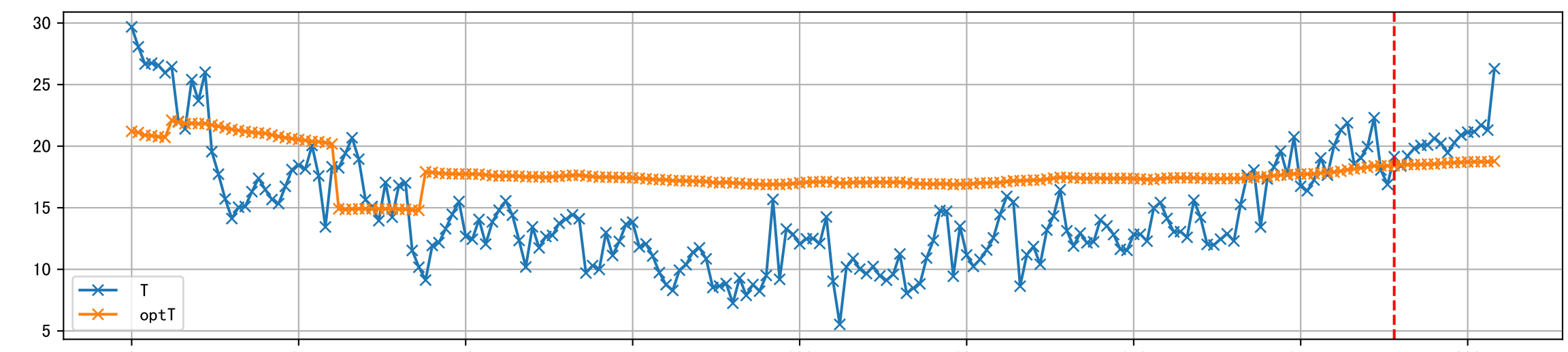

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

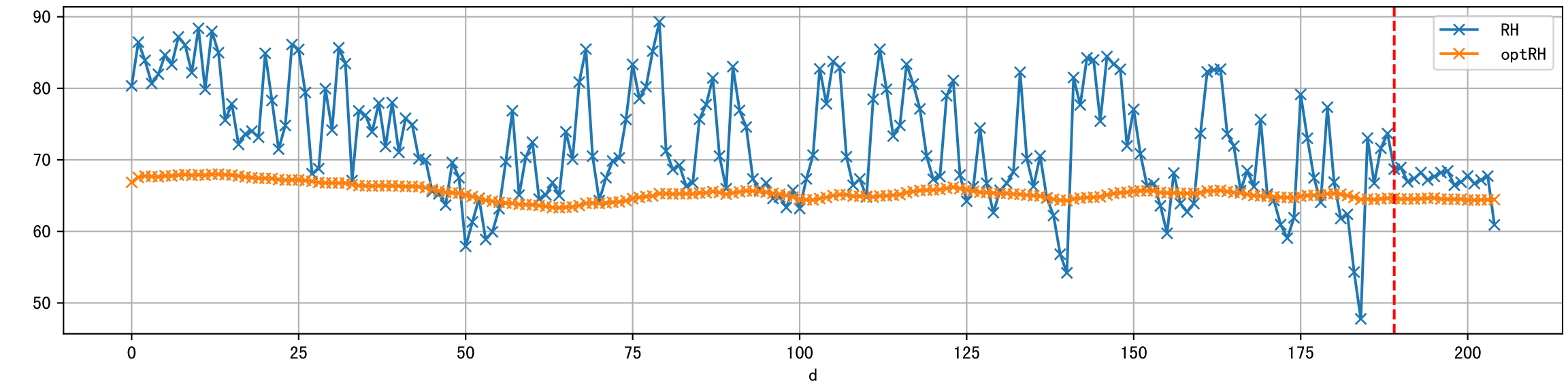

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
200
d
ETcAraw
ETcA

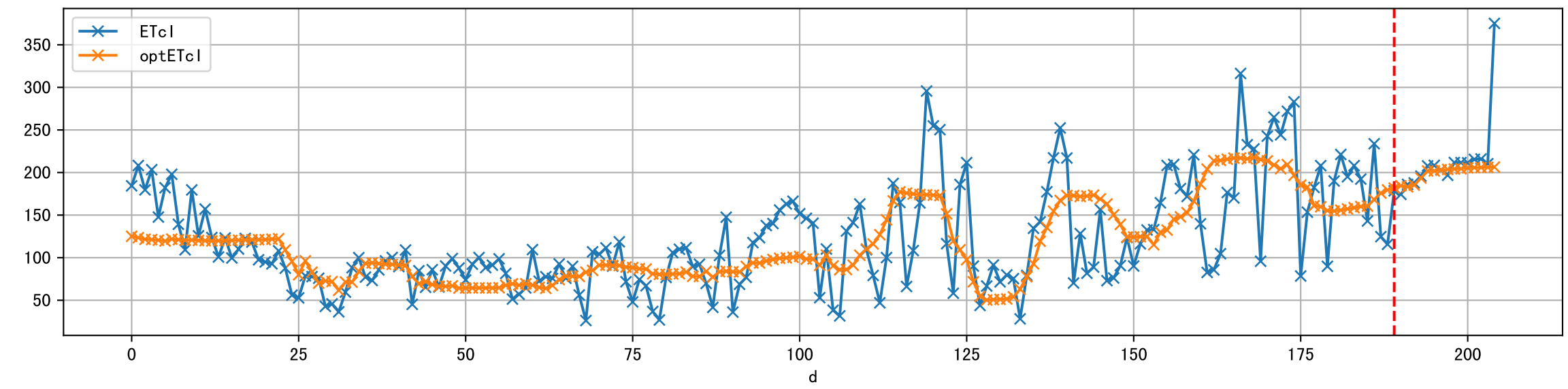

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
200
d

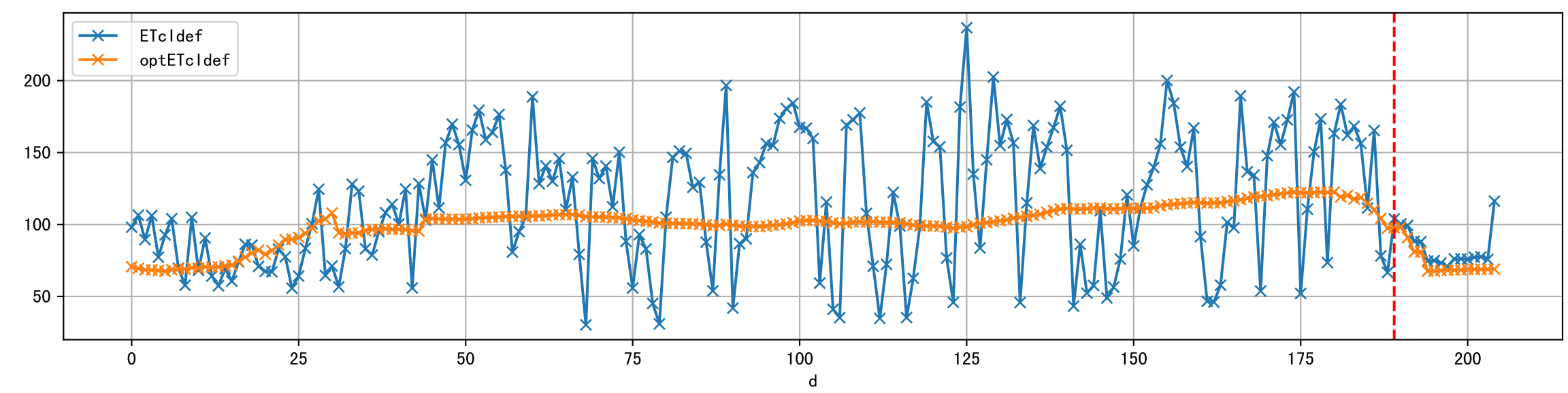
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

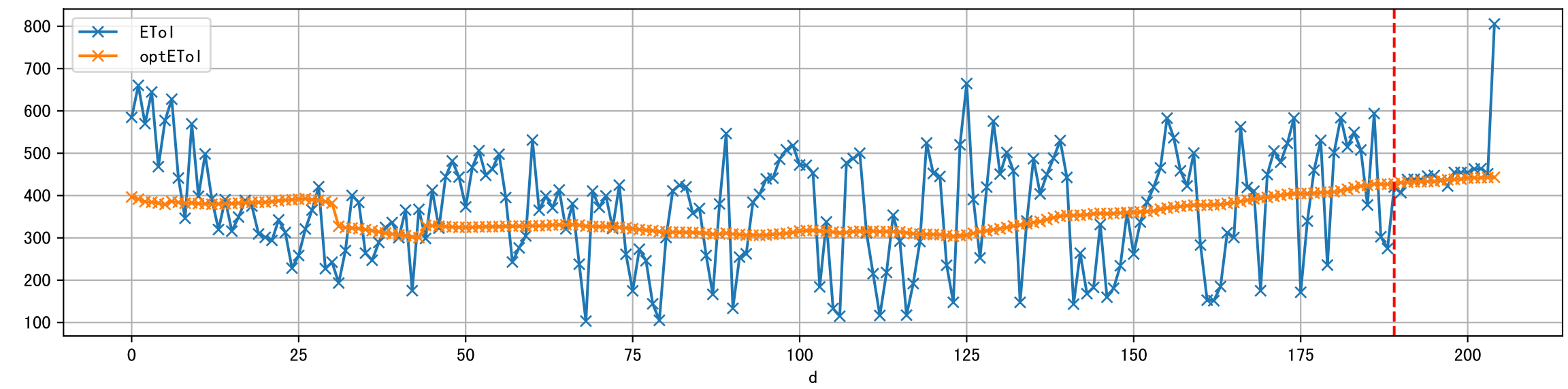


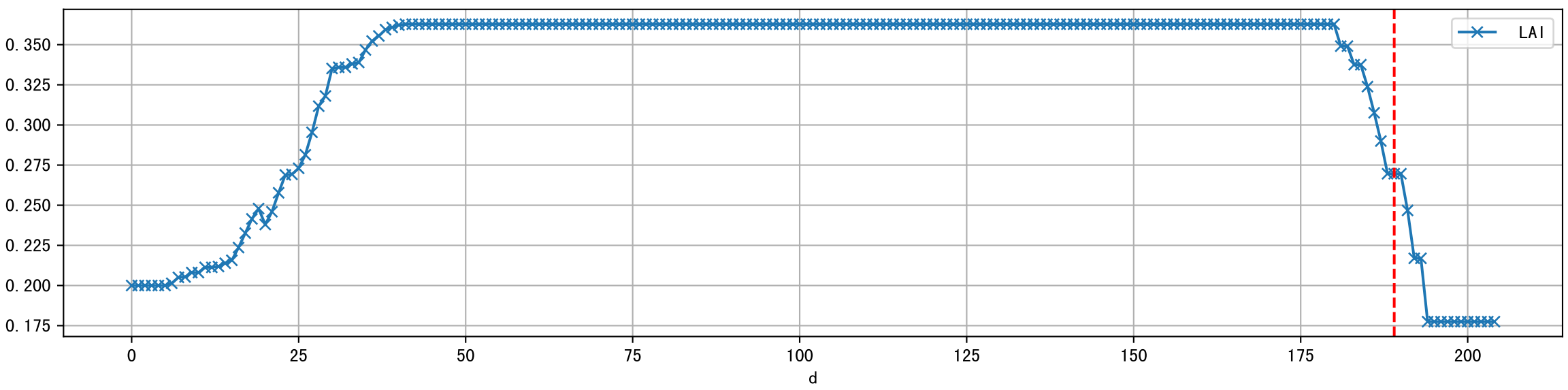


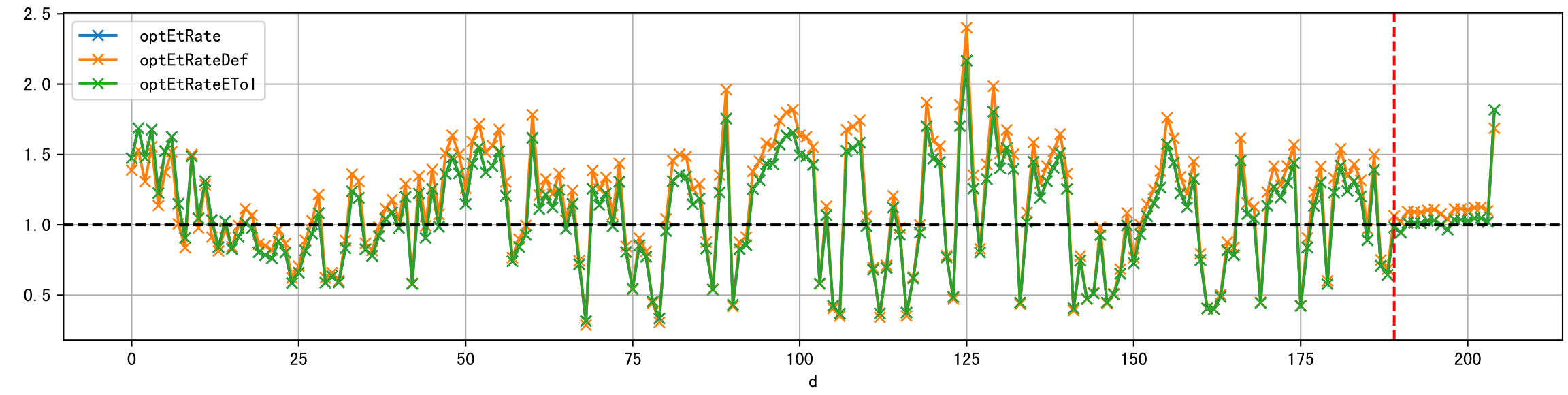


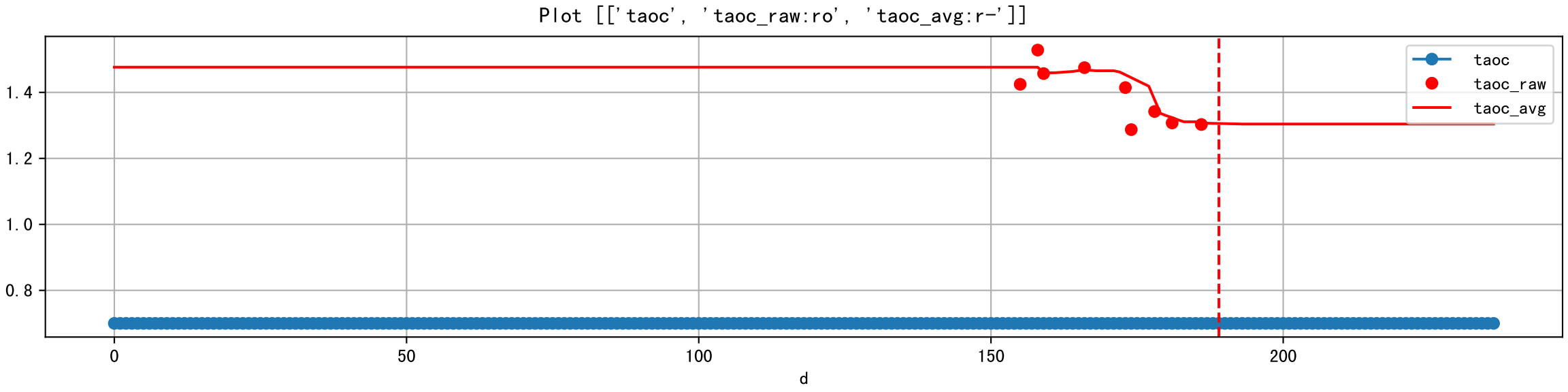


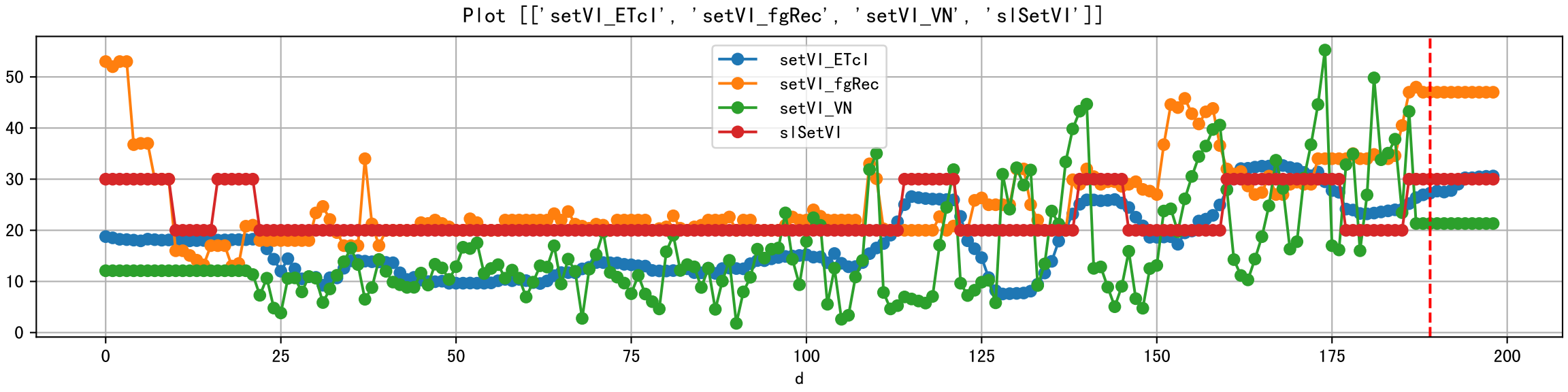


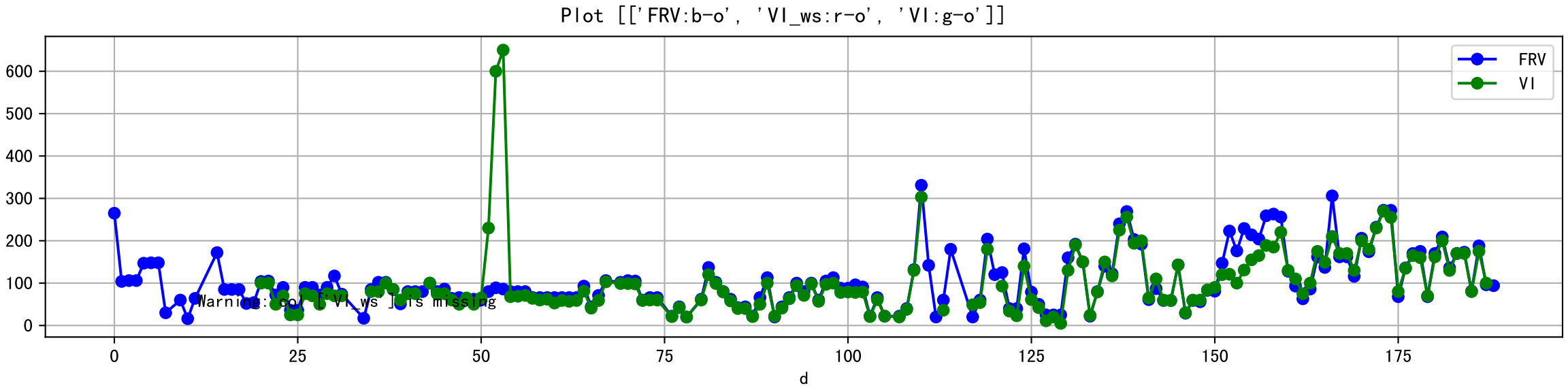


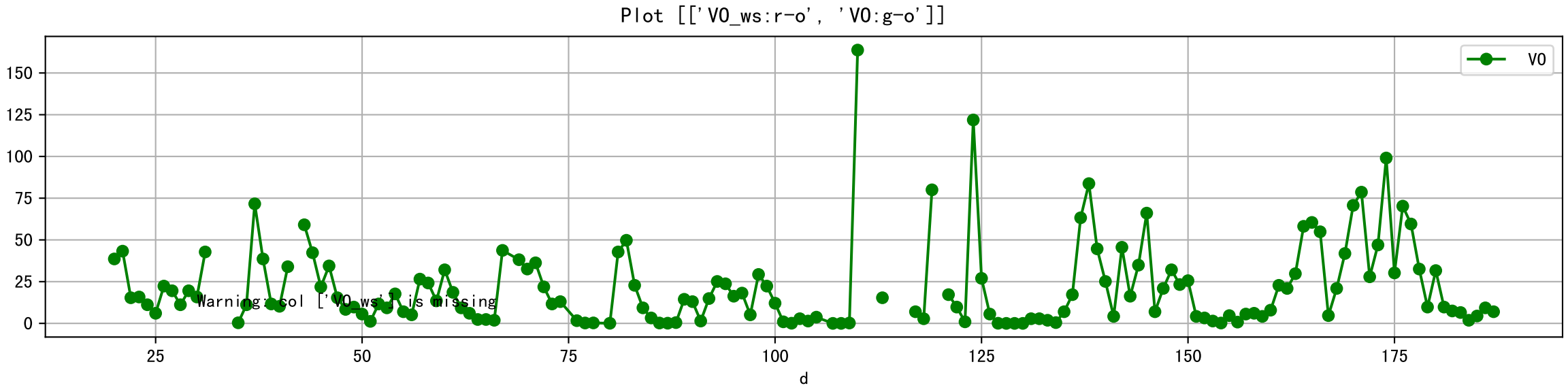


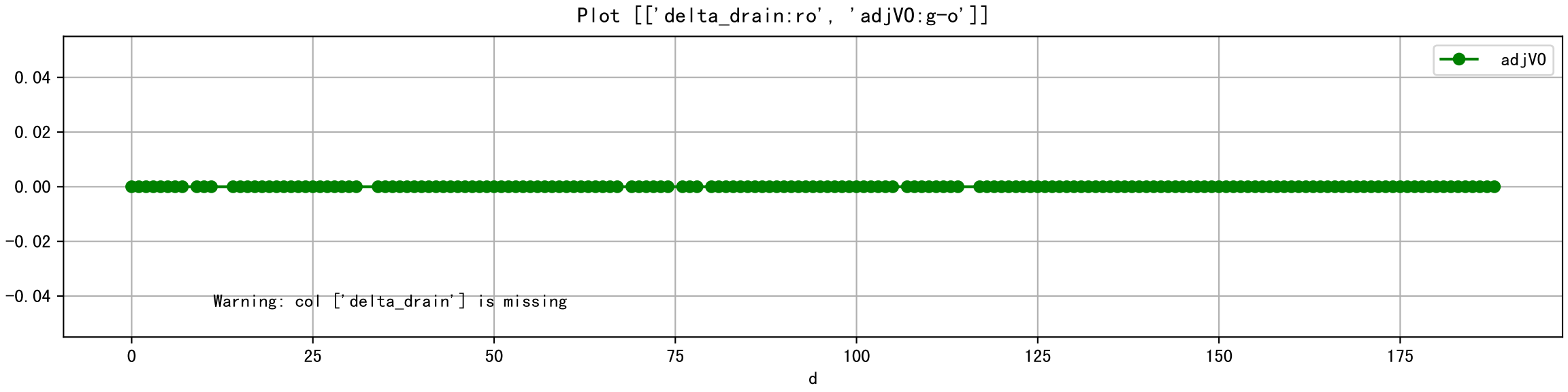


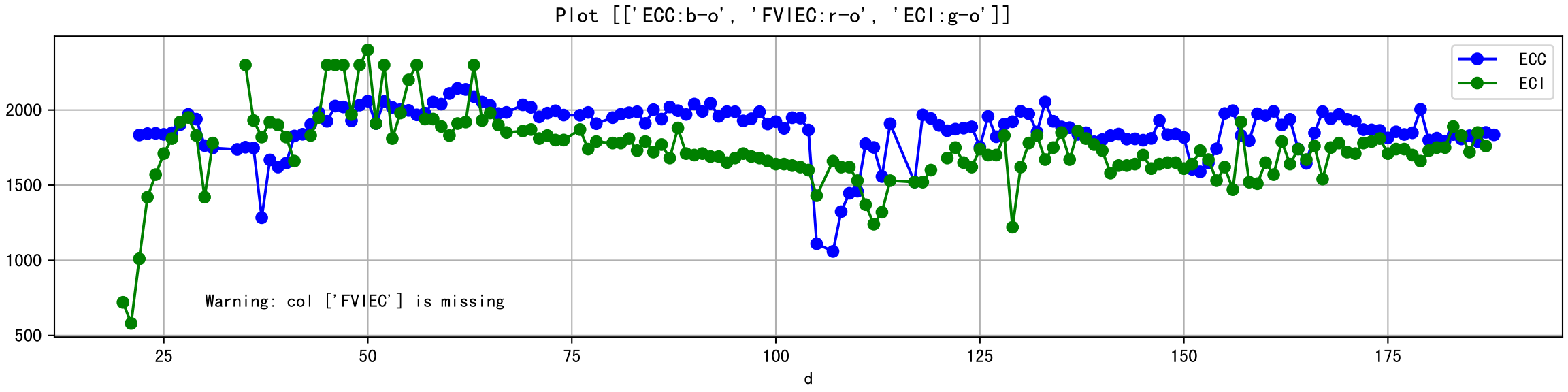

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
taoc_raw
taoc_avg
1.4
1.2
1.0
0.8
0
50
100
150
200
d

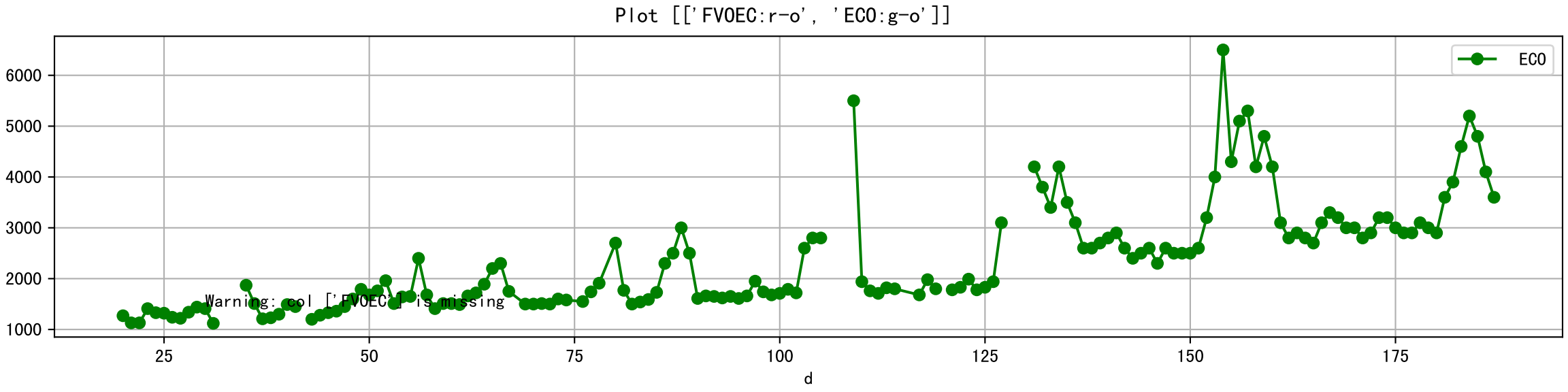

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
25
50
75
100
125
150
175
200
d

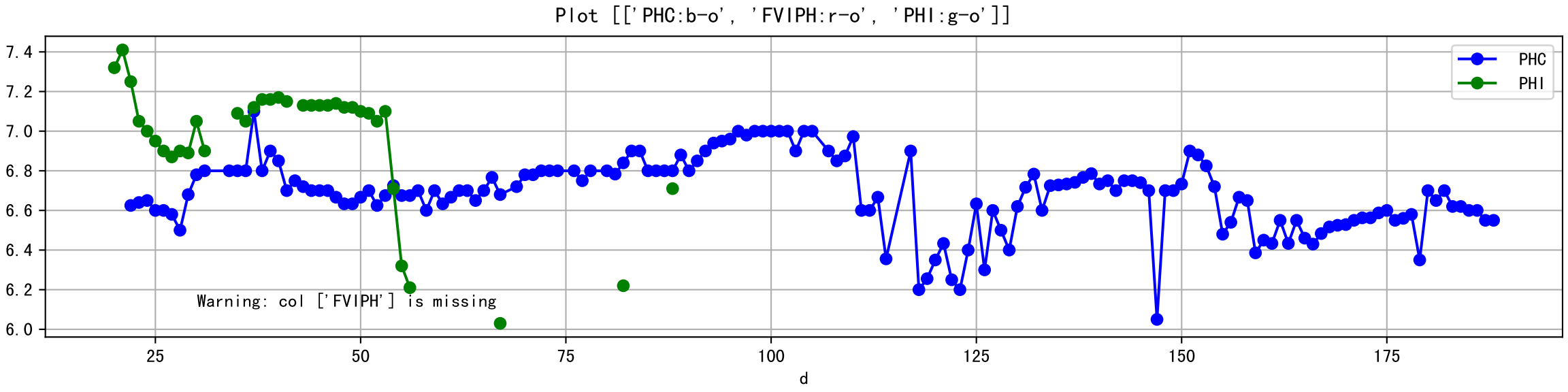

Plot [['FRV:b-o', 'VI_ws:r-o', 'VI:g-o']]
FRV
VI
Warning:'co/ ['VI_ws'] is missing
600
500
400
300
200
100
0
0
25
50
75
100
125
150
175
d

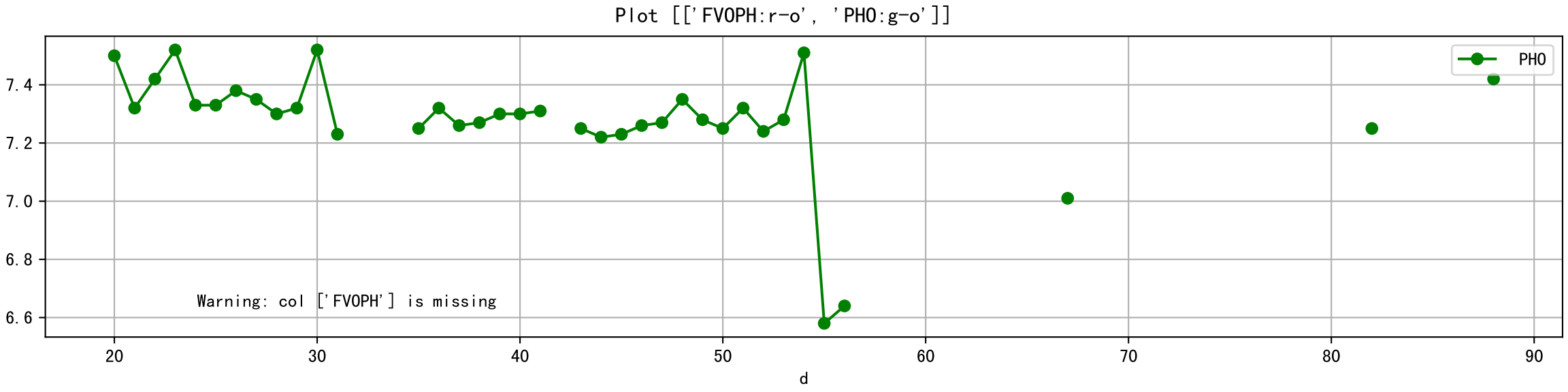

Plot [['VO_ws:r-o', 'VO:g-o']]
VO
Warning: col ['VO_ws'] is missing
150
125
100
75
50
25
0
25
50
75
100
125
150
175
d

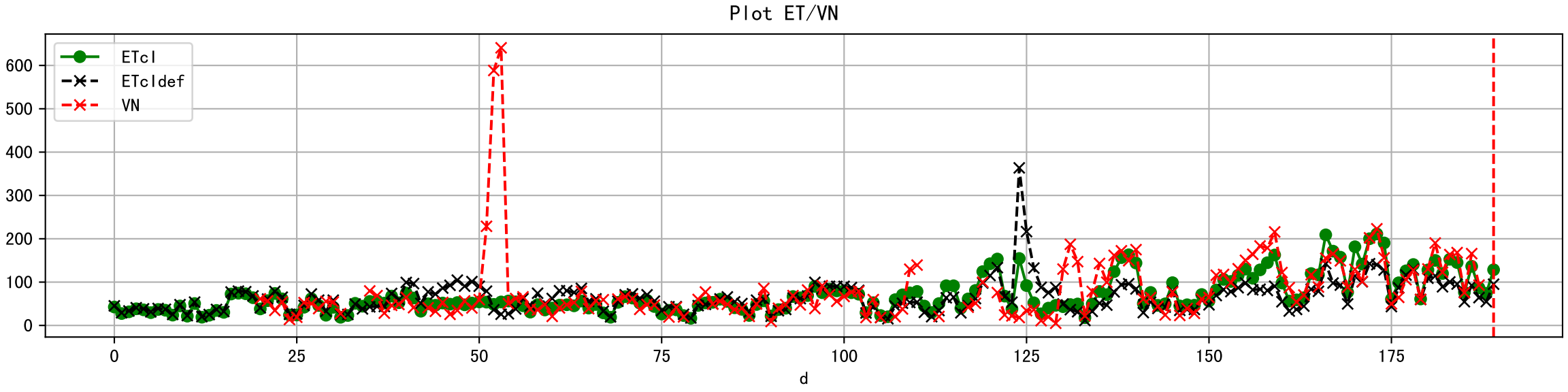

Plot [['delta_drain:ro', 'adjV0:g-o']]
adjV0
0.04
0.02
0.00
-0.02
-0.04
Warning: col ['delta_drain'] is missing
0
25
50
75
100
125
150
175
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2000
1500
1000
500
25
50
75
100
125
150
175
d

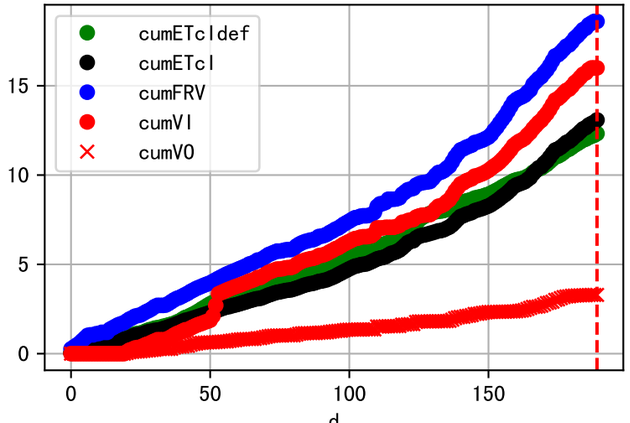

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
6000
5000
4000
3000
2000
1000
25
50
75
100
125
150
175
d

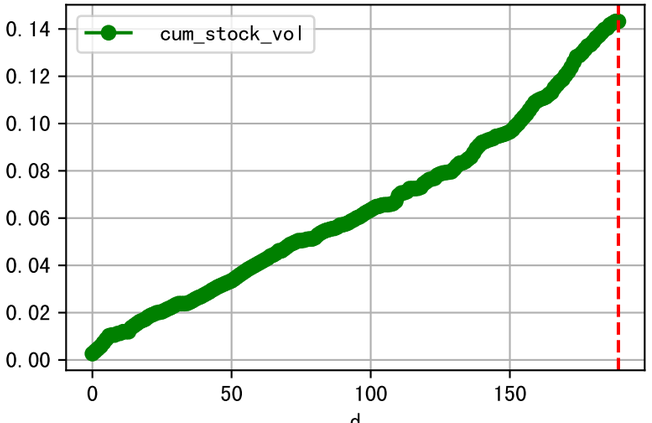

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
25
50
75
100
125
150
175
d

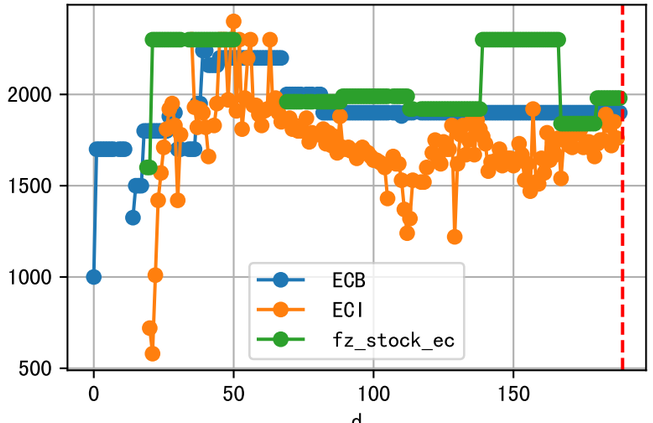

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.4
7.2
7.0
6.8
6.6
Warning: col ['FVOPH'] is missing
20
30
40
50
60
70
80
90
d

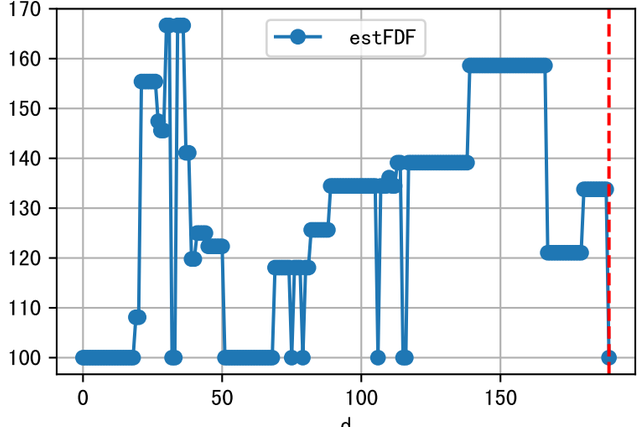

Plot ET/VN
ETcl
ETcldef
VN
600
500
400
300
200
100
0
0
25
50
75
100
125
150
175
d

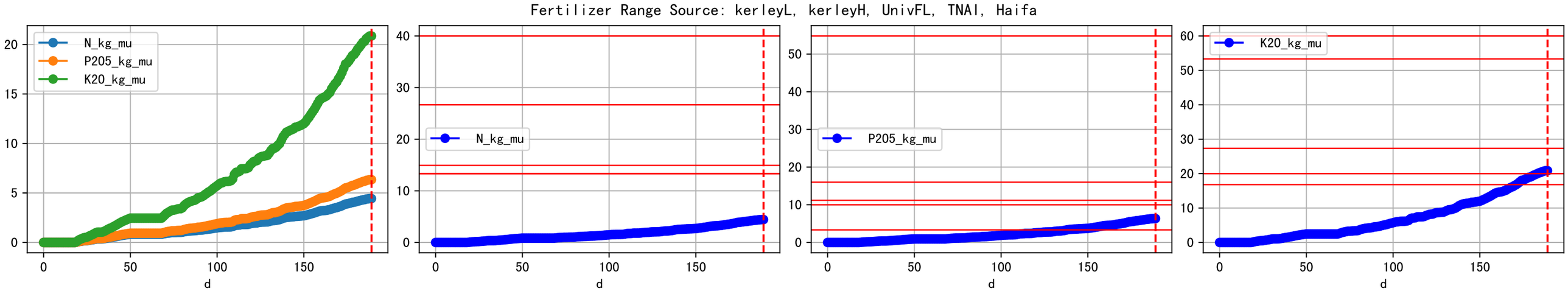
Plot Fv and fertilizer usage

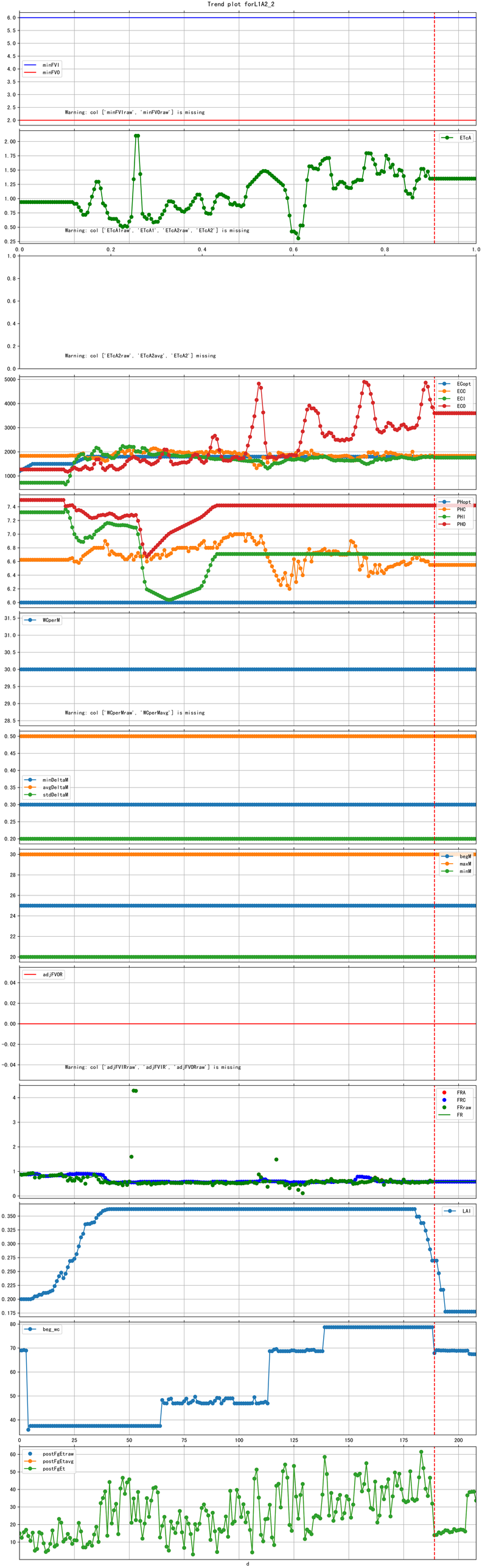


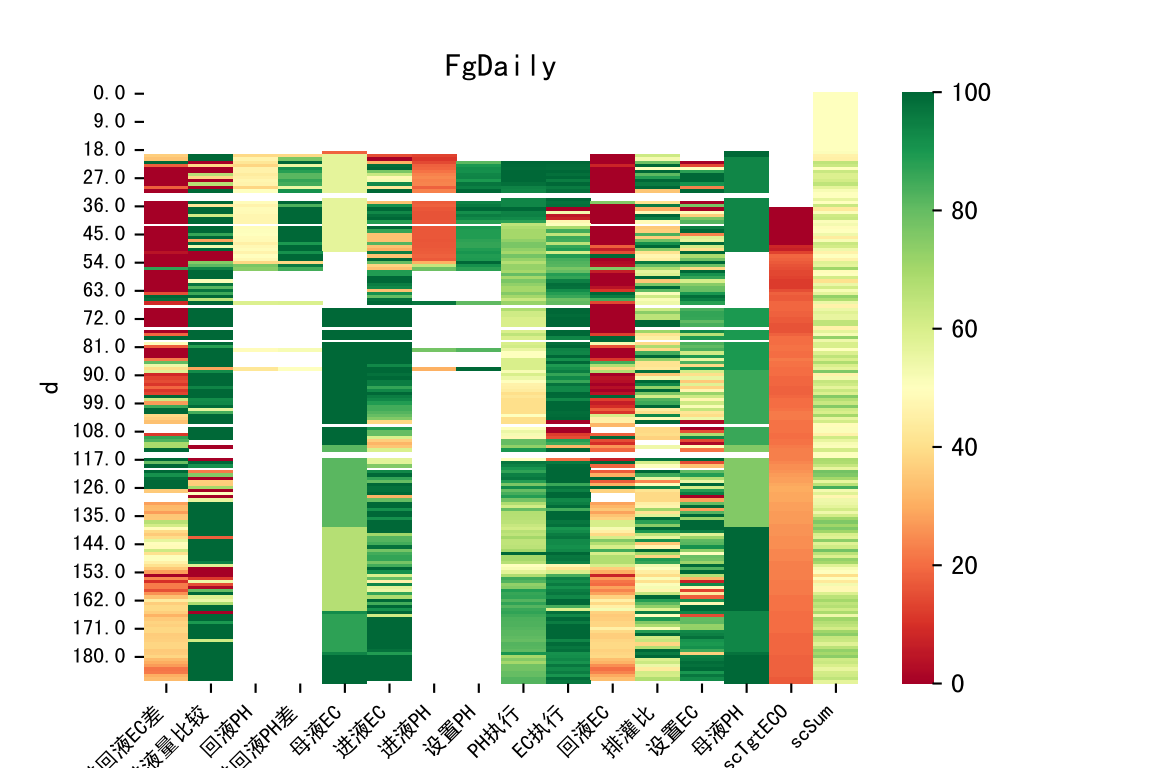




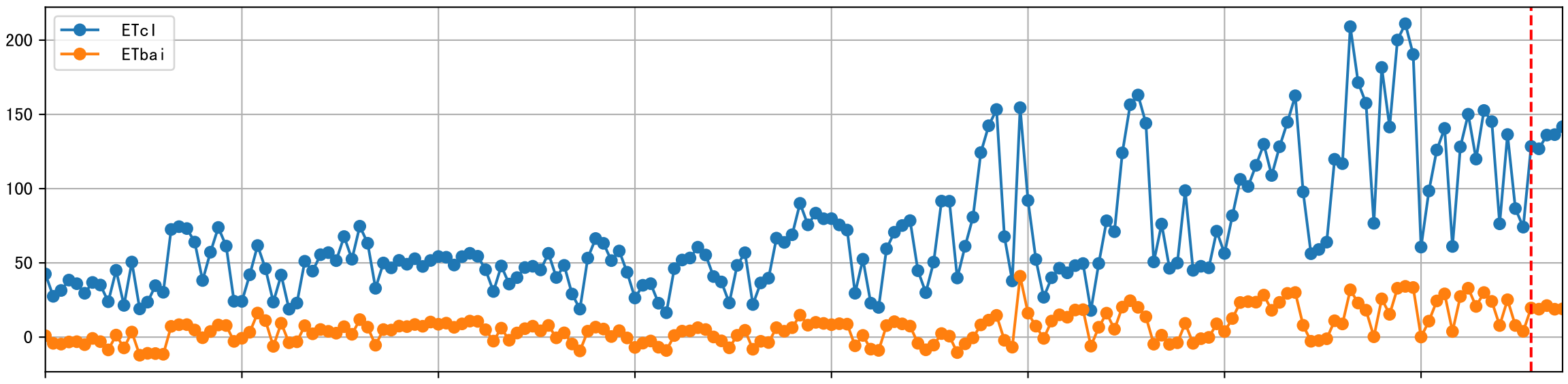


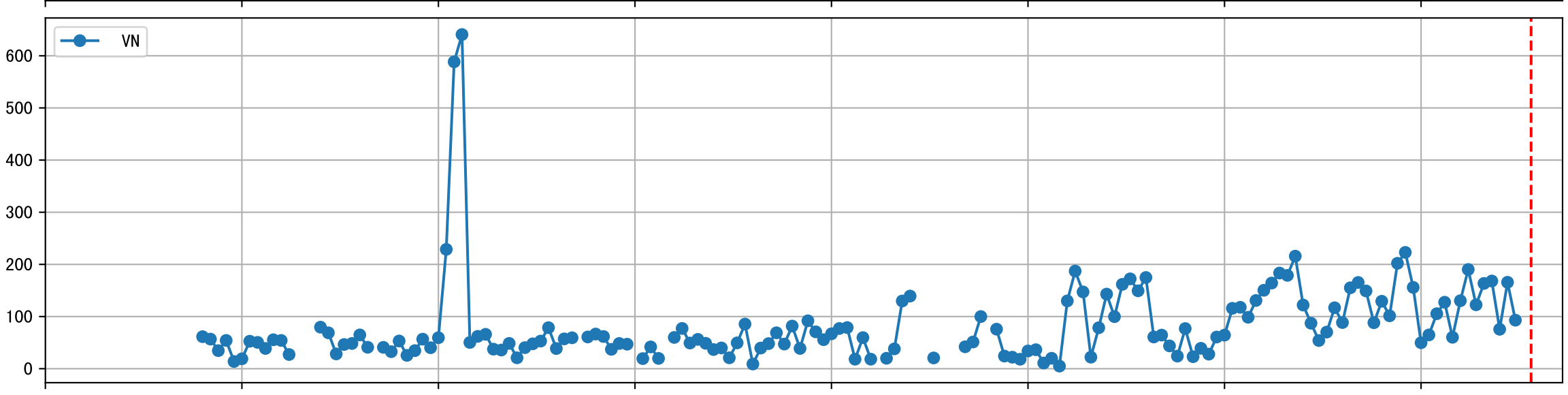

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

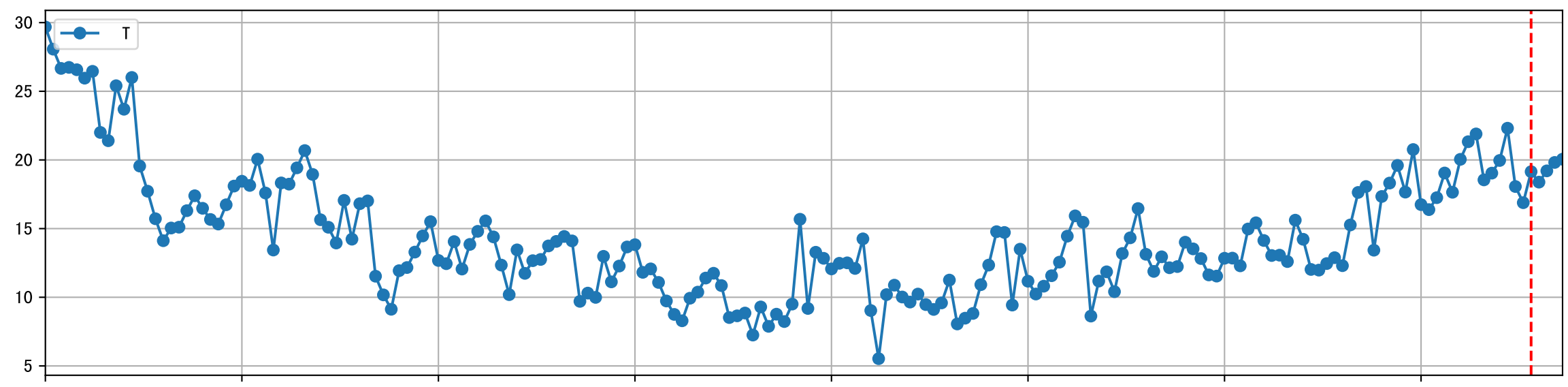

Trend plot forL1A2_2
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

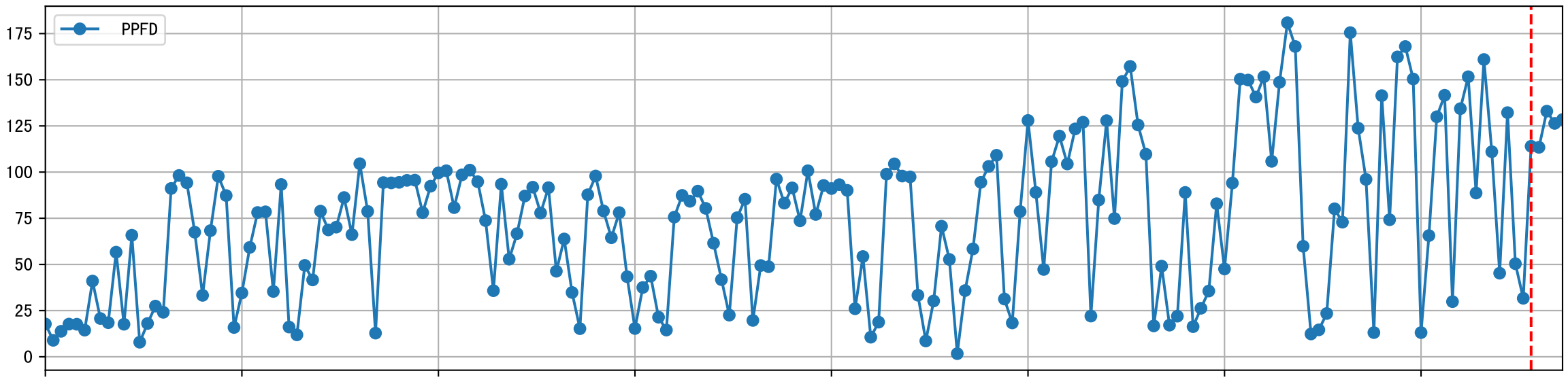

FgDaily
d
0.0
9.0
18.0
27.0
36.0
45.0
54.0
63.0
72.0
81.0
90.0
99.0
108.0
117.0
126.0
135.0
144.0
153.0
162.0
171.0
180.0
100
80
60
40
20
0
回液EC差
回液量比较
回液PH
回液PH差
母液EC
进液EC
进液PH
设置PH
PH执行
EC执行
回液EC
排灌比
设置EC
母液PH
scTgtEC0
scSum

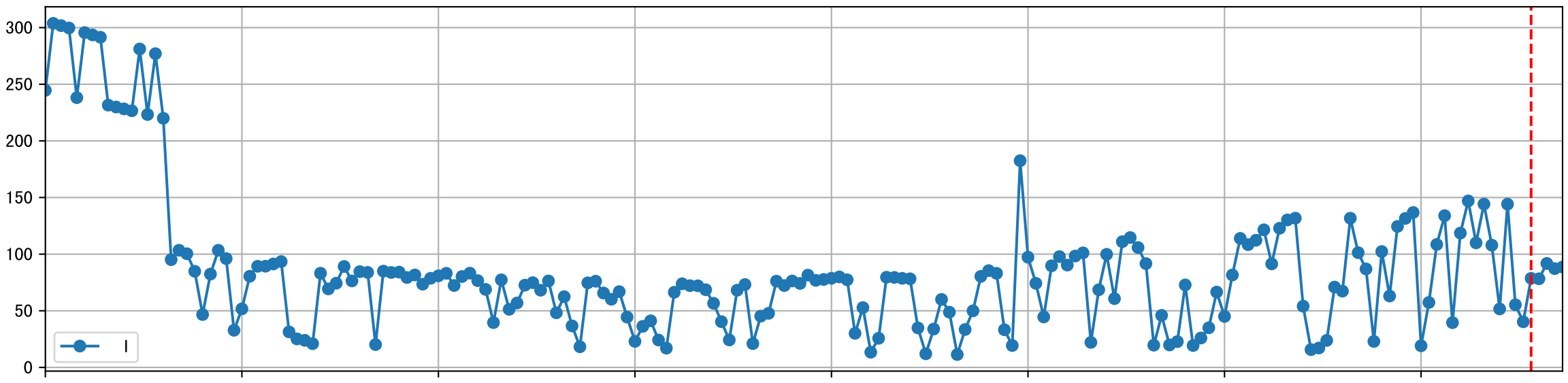
L1A2_2

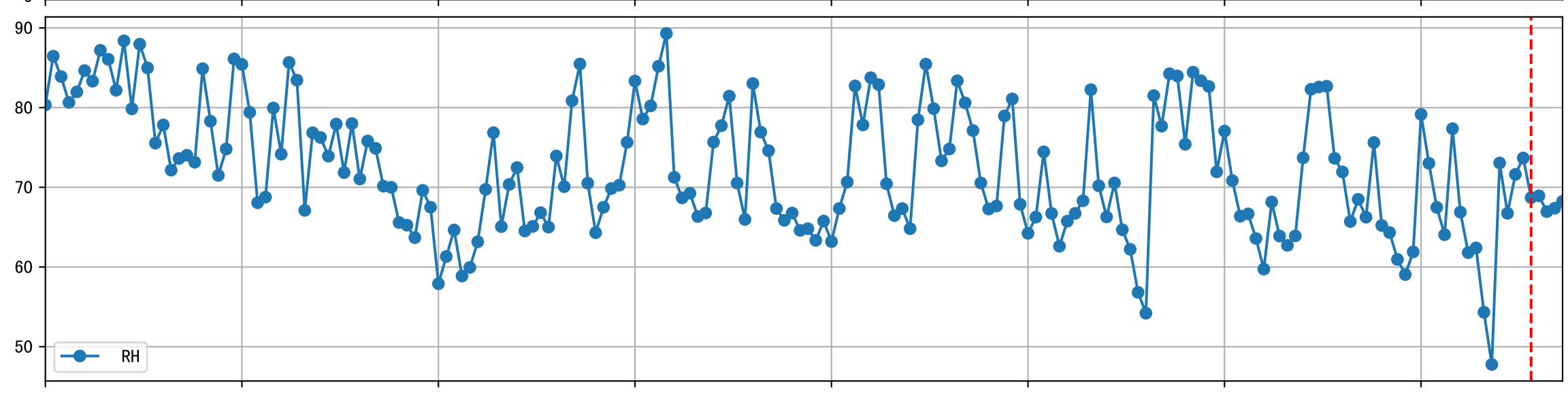


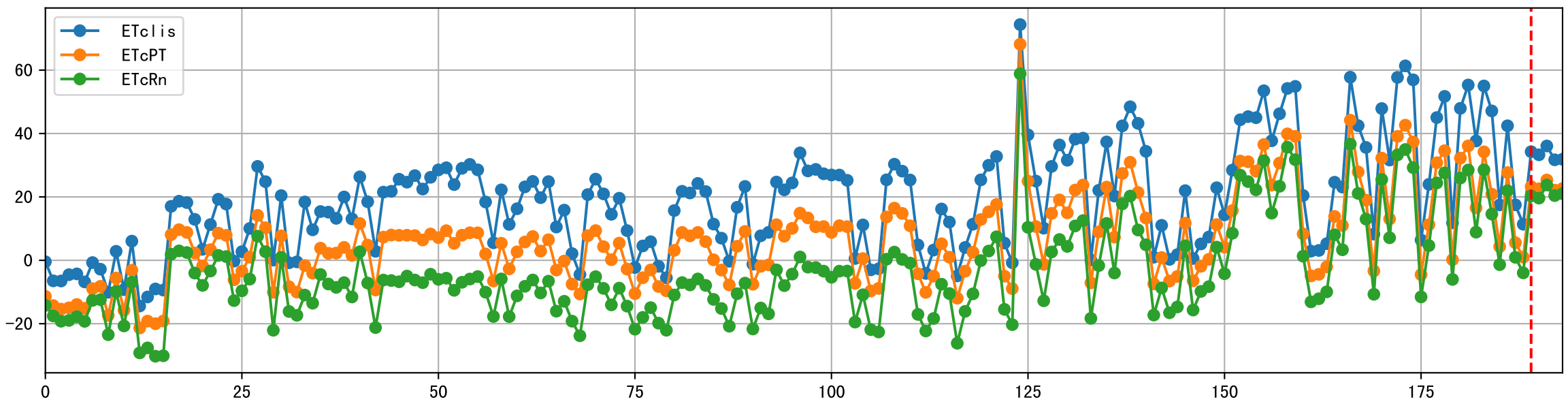






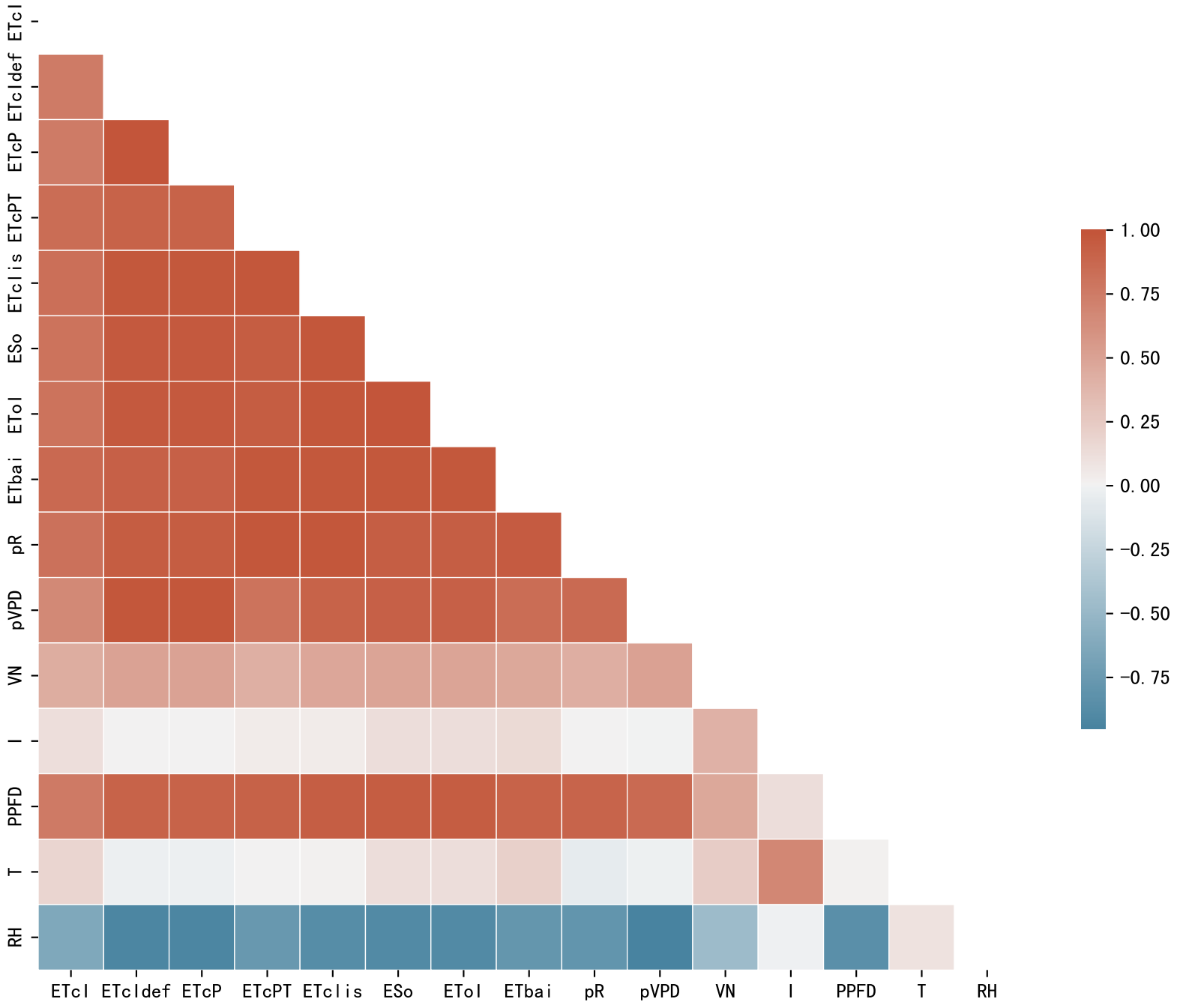


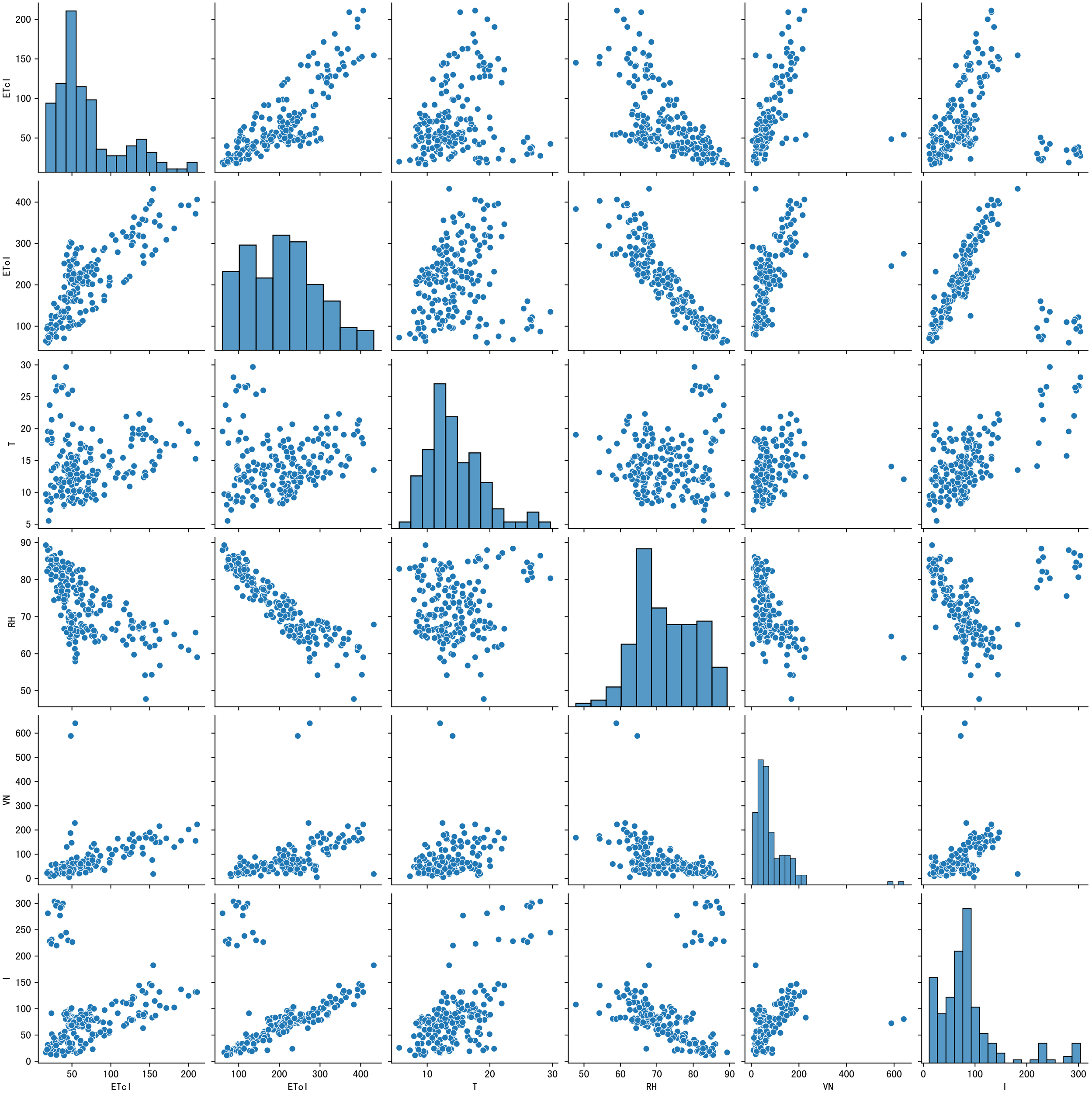


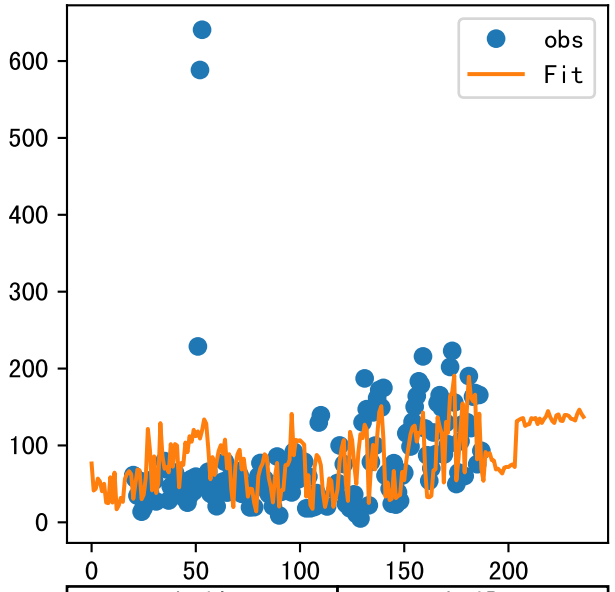


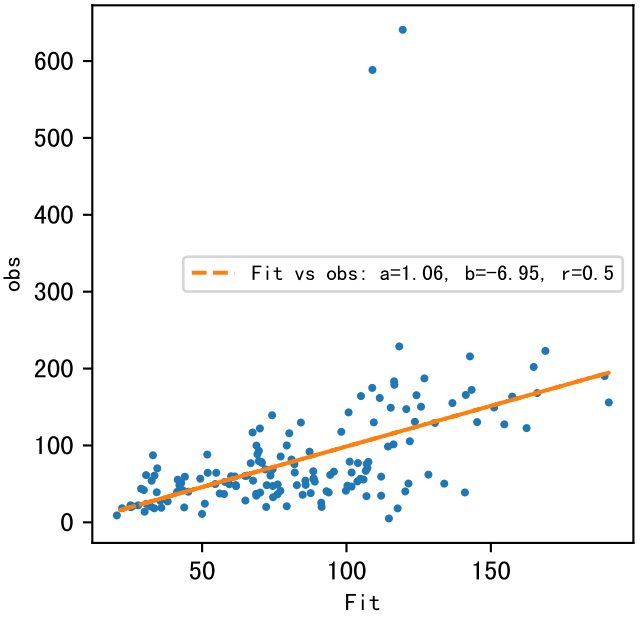
0 25 50 75 100 125 150 175

d

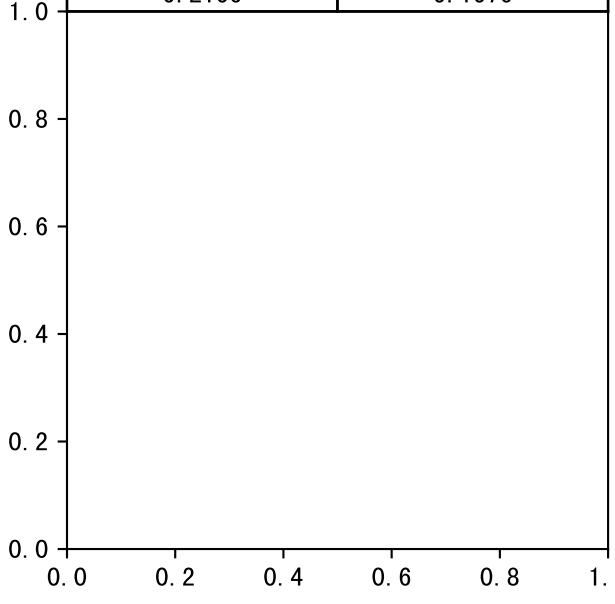

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

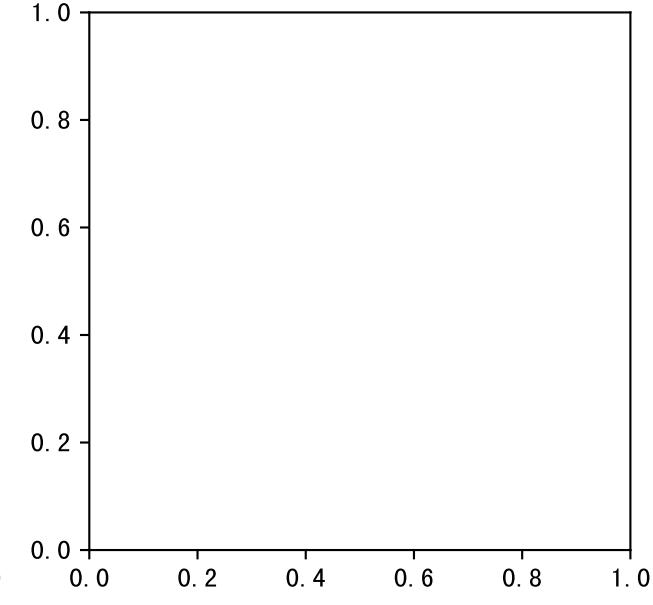

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

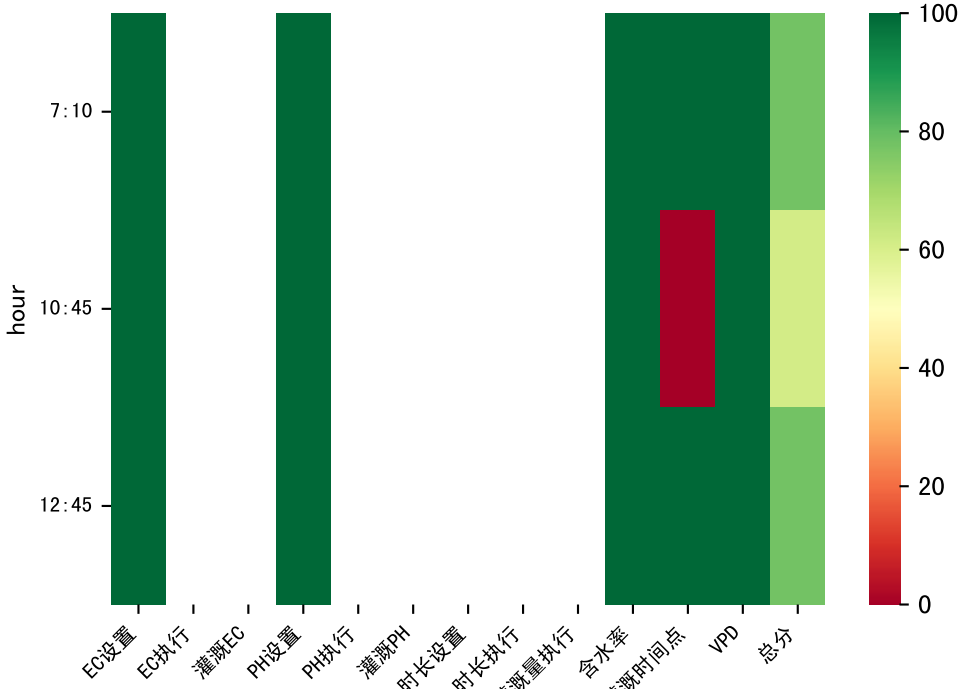




baiA	baiB
0.2106	0.1076

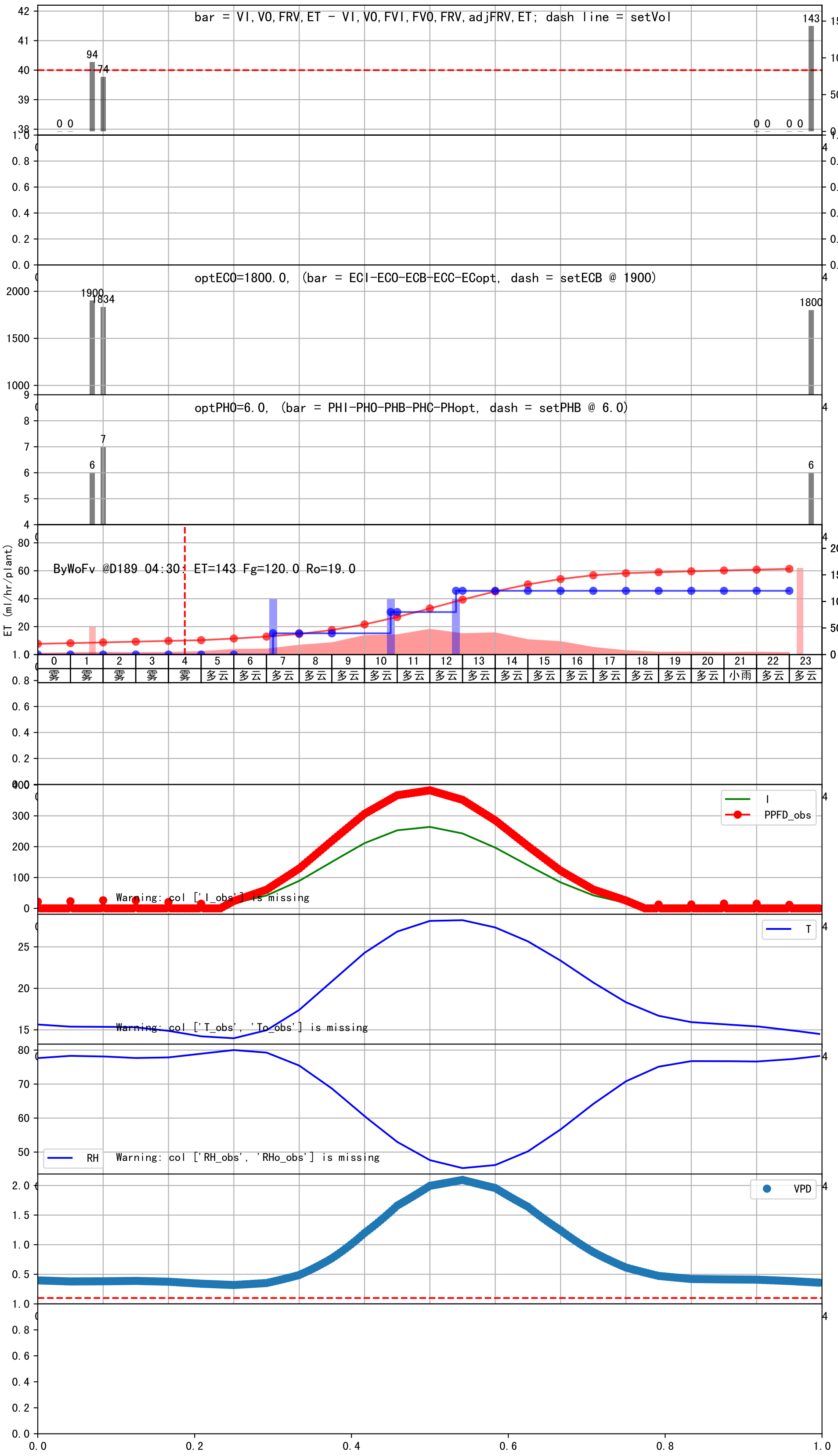


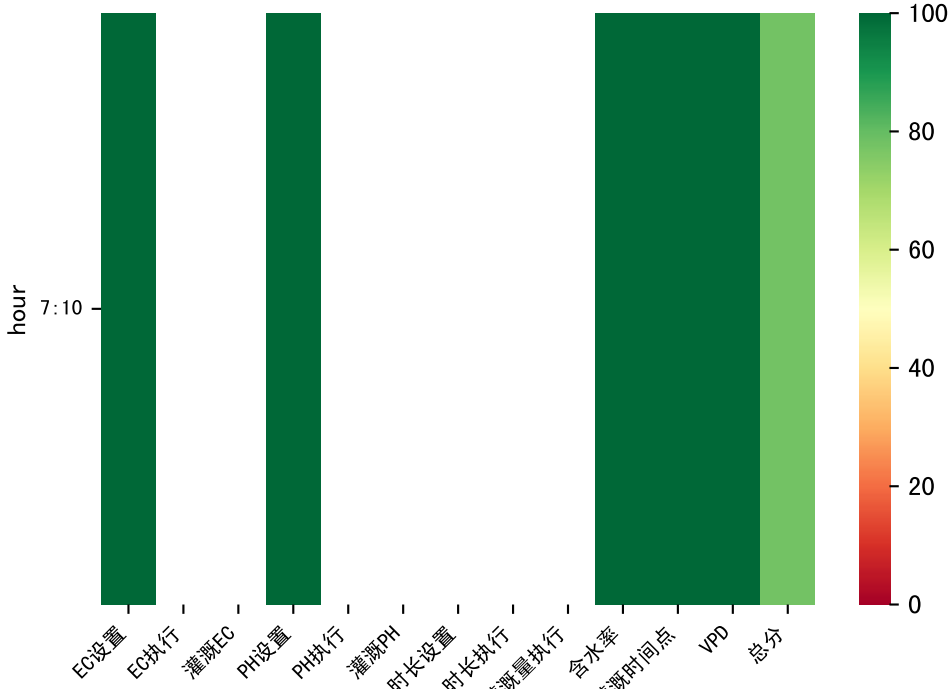



hour
7:10
10:45
12:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	80	40.0	0.163	多云	待执行@07:10 自主（未用传感器）
10:45	80	40.0	0.163	多云	预期@10:45 自主（未用传感器）
12:45	80	40.0	0.163	多云	预期@12:45 自主（未用传感器）
总计	240.0 (3次)	120.0			建议进液EC：1900， PH：6.0

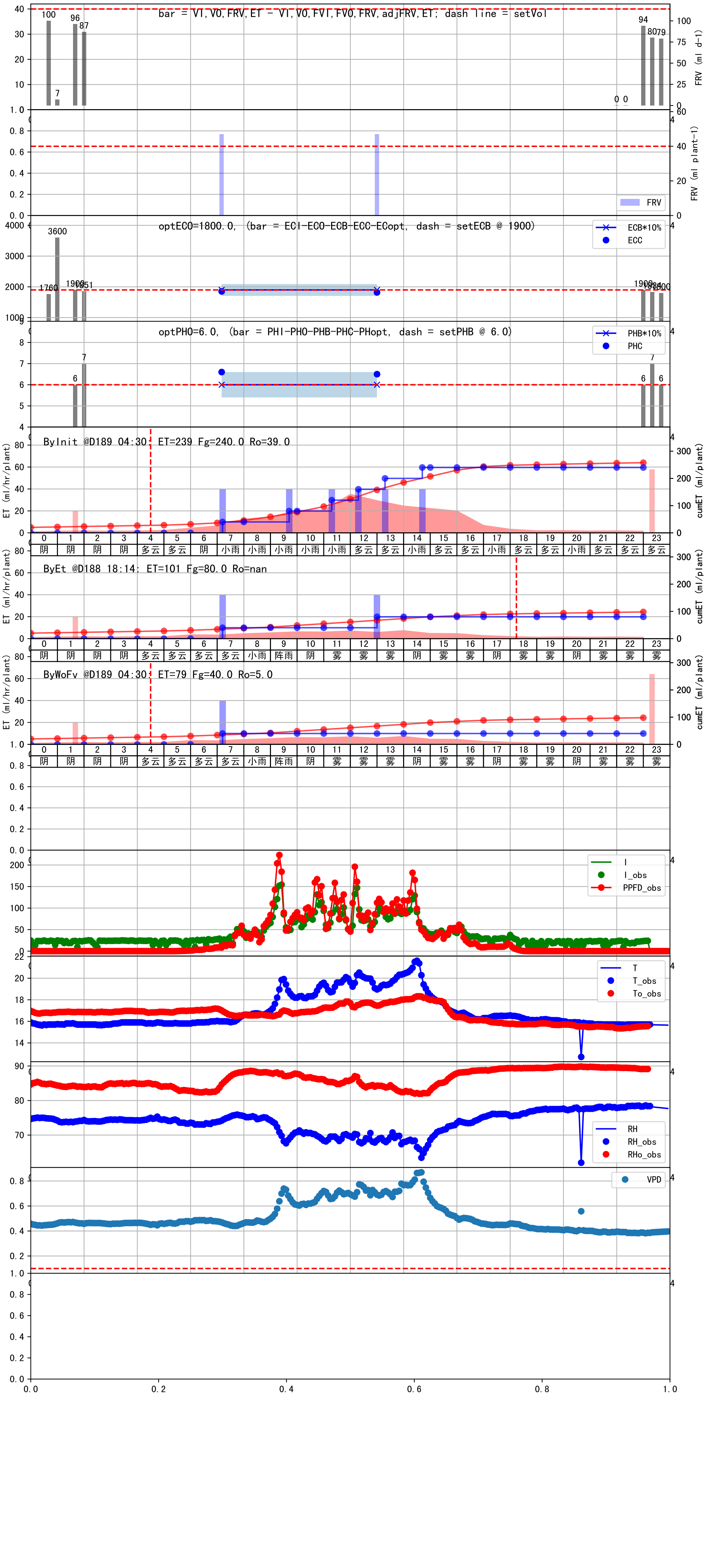
L1A2_2, Day=189 (2026-04-13)

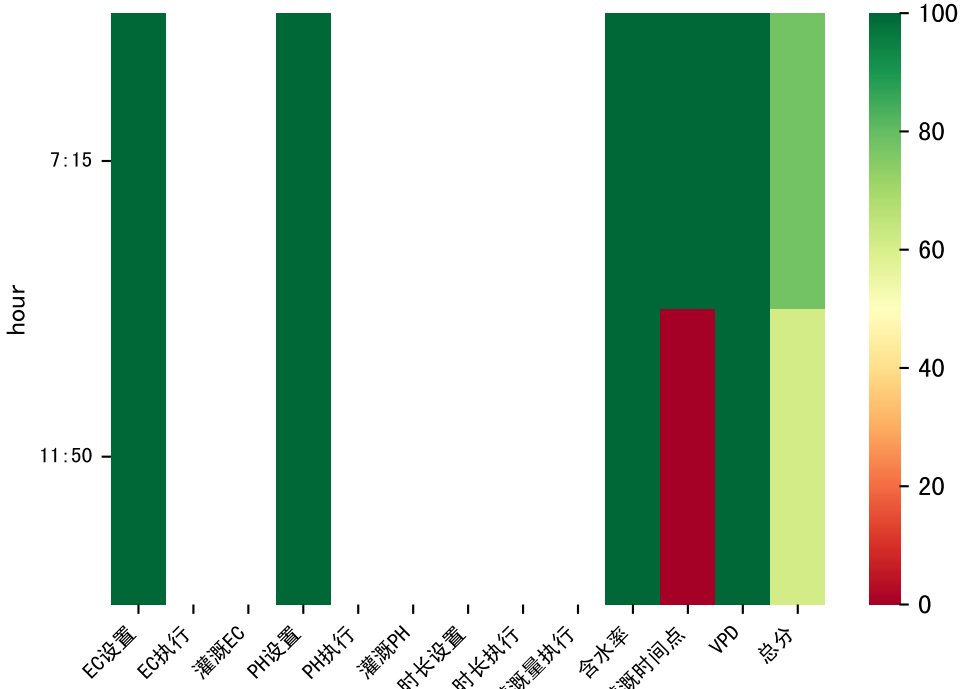



hour
7:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:10	80	40.0	0.163	多云	假设@07:10 自动（未用传感器）
总计	80.0 (1次)	40.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=188.0 (2026-04-12)

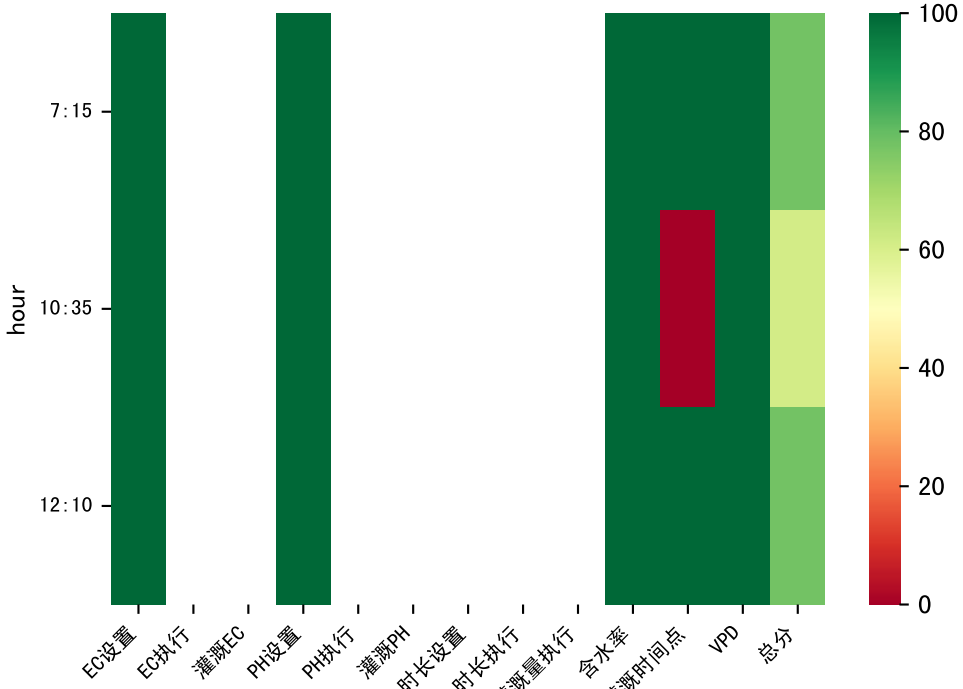



hour
7:15
11:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:15	80	40.0	0.163	雾	假设@07:15 自动（未用传感器）
11:50	80	40.0	0.163	阴	假设@11:50 自动（未用传感器）
总计	160.0 (2次)	80.0			建议进液EC：1900， PH：6.0

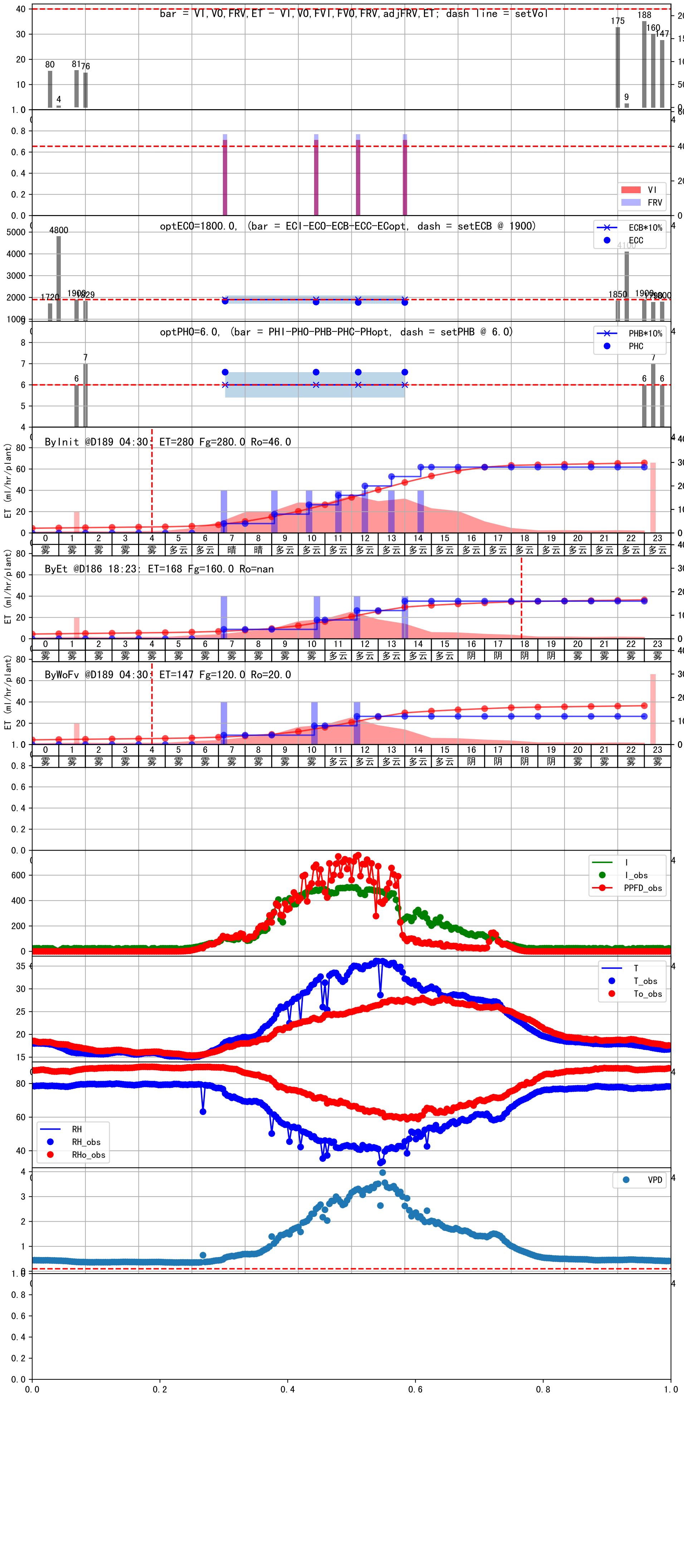
施肥机灌溉量与预期值不符 (49.0 : 40.0)，可能水表需要校准
默认实际灌溉40.0 ml.

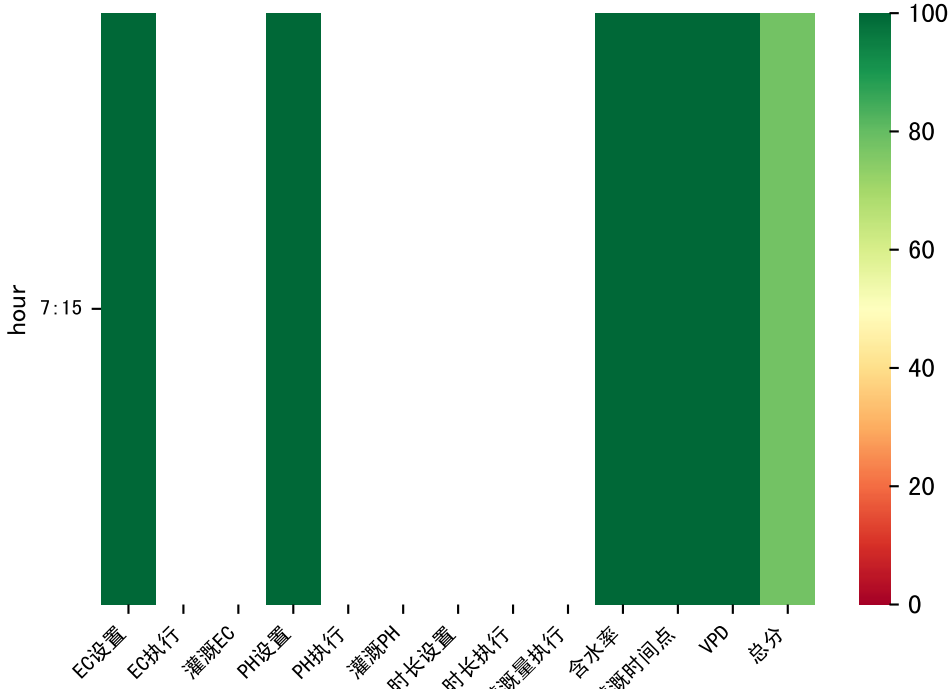
L1A2_2, Day=187.0 (2026-04-11)


hour
7:15
10:35
12:10
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
07:15	80	40.0	0.163	雾	假设@07:15 自动（未用传感器）
10:35	80	40.0	0.163	雾	假设@10:35 自动（未用传感器）
12:10	80	40.0	0.163	多云	假设@12:10 自动（未用传感器）
总计	240.0 (3次)	120.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=186.0 (2026-04-10)




hour
7:15
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
07:15	60	40.0	0.163	大雨	假设@07:15 自动（未用传感器）
总计	60.0 (1次)	40.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=185.0 (2026-04-09)