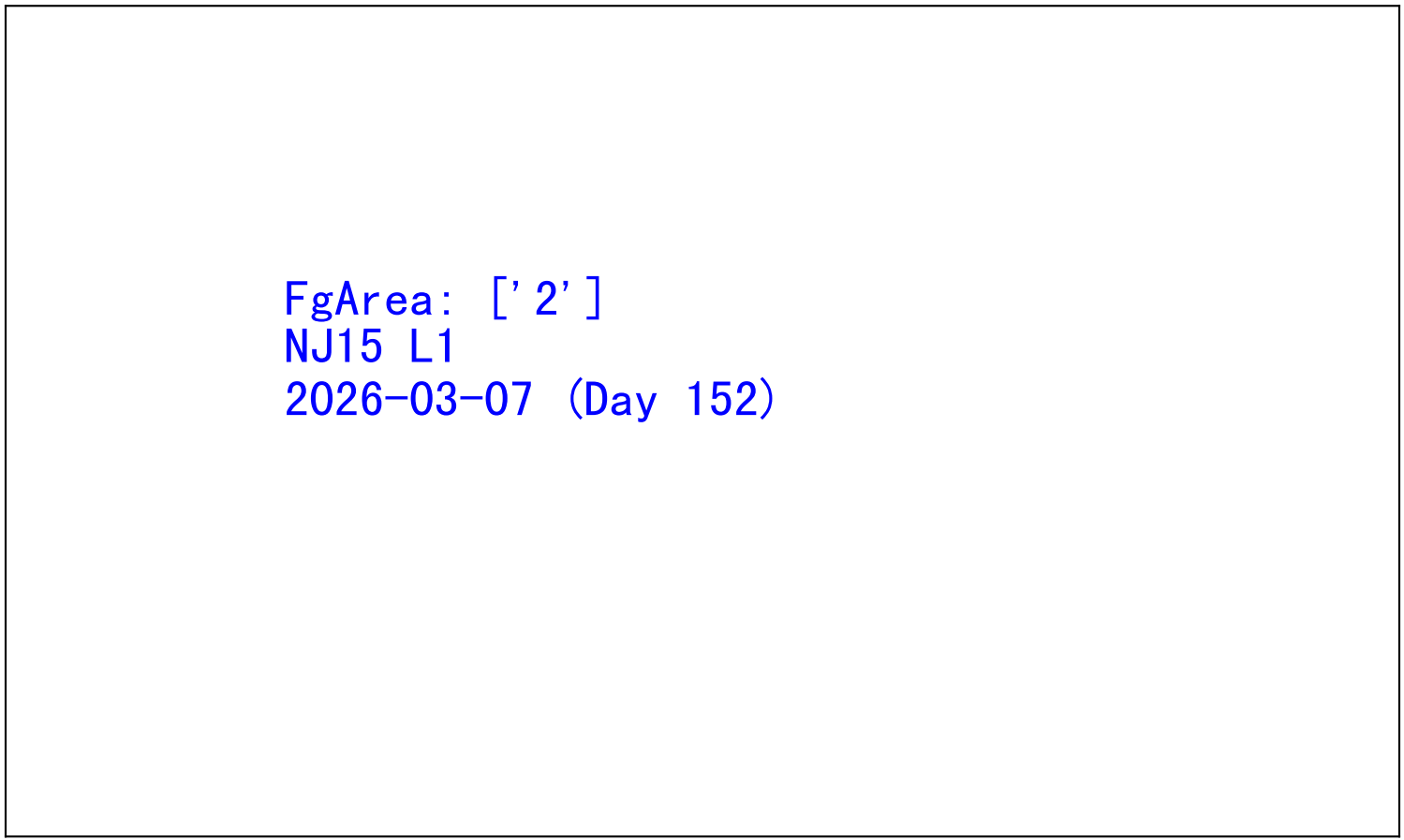
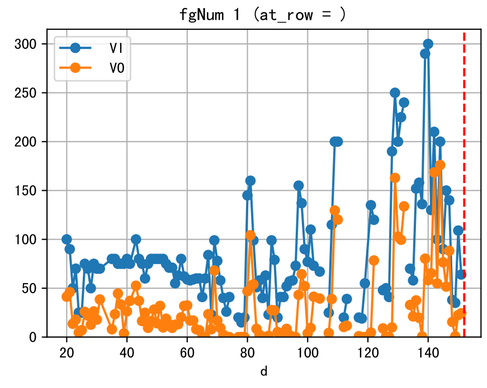
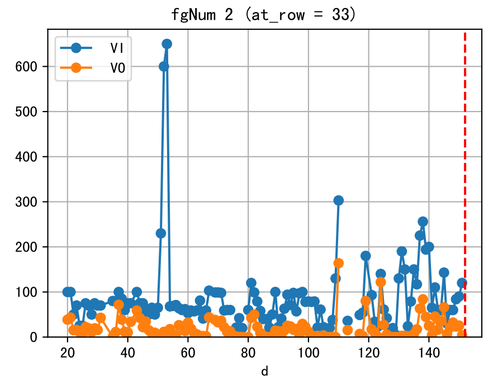
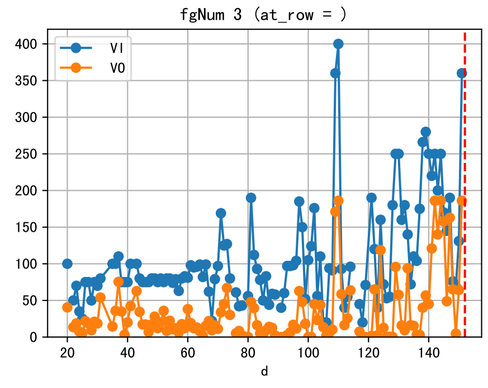
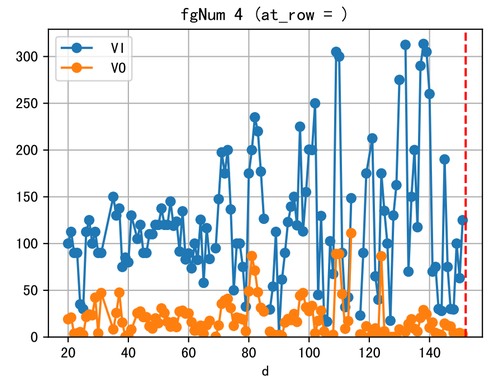
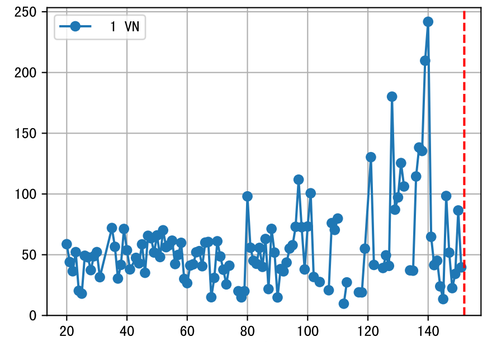

FgArea: ['2']
NJ15 L1
2026-03-07 (Day 152)

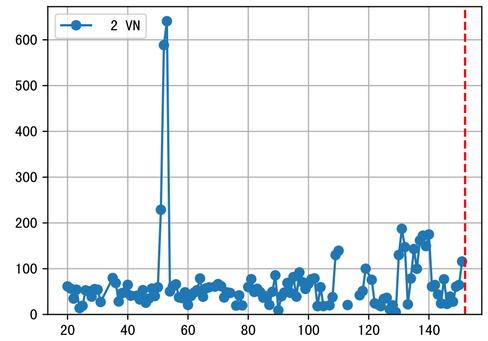

fgNum 1 (at_row =)
VI
VO
d

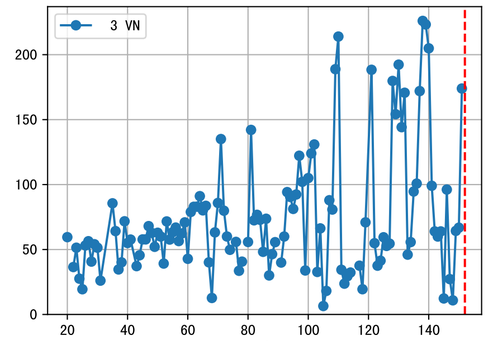

fgNum 2 (at_row = 33)
VI
VO
d

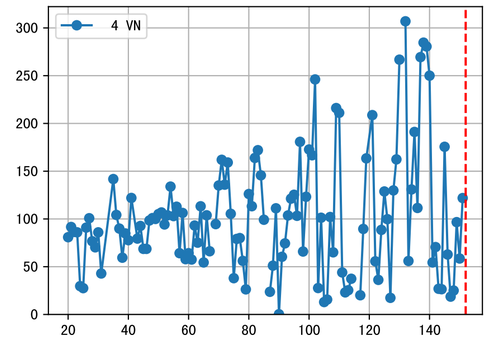

fgNum 3 (at_row =)
VI
VO
d

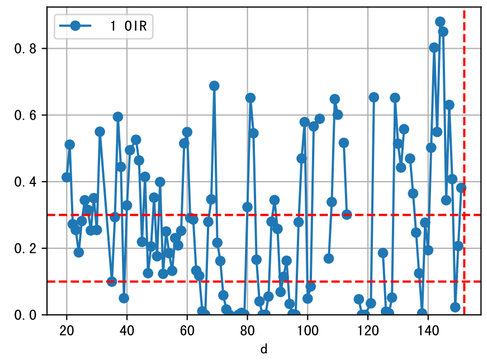

fgNum 4 (at_row =)
VI
VO
d

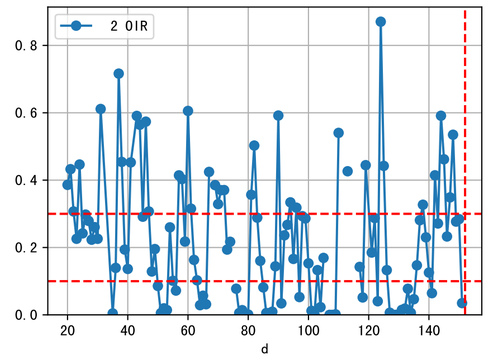

1 VN
d

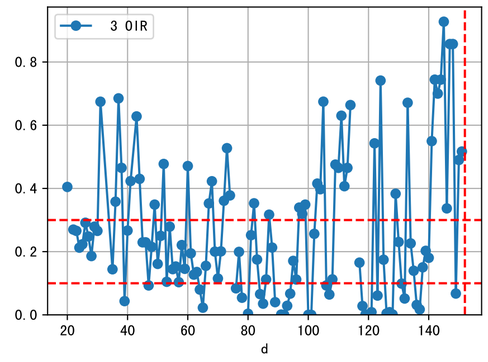

2 VN
d

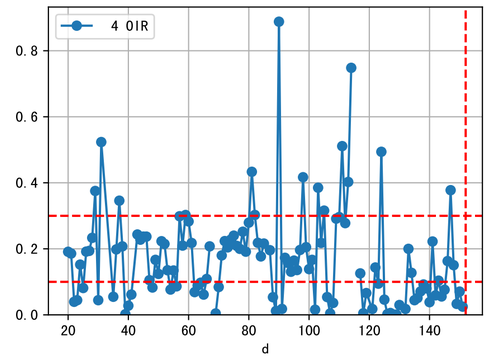

3 VN
d

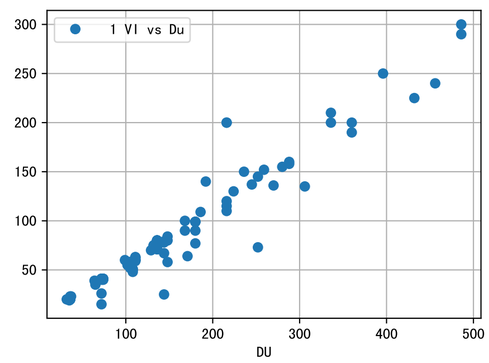

4 VN
d

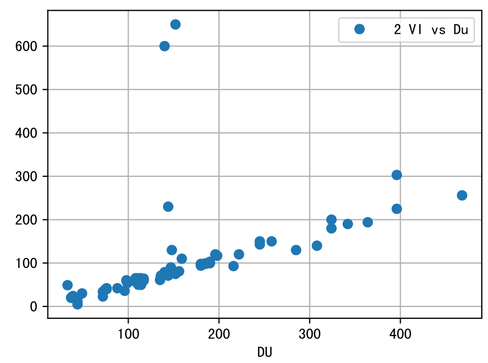

1 OIR
d

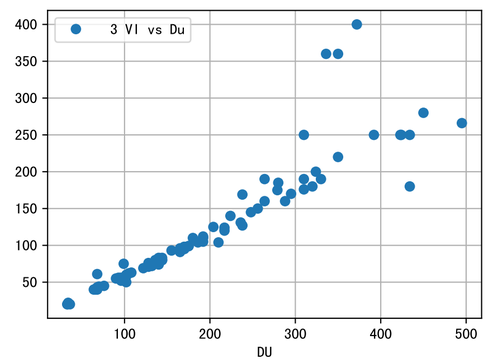

2 OIR
d

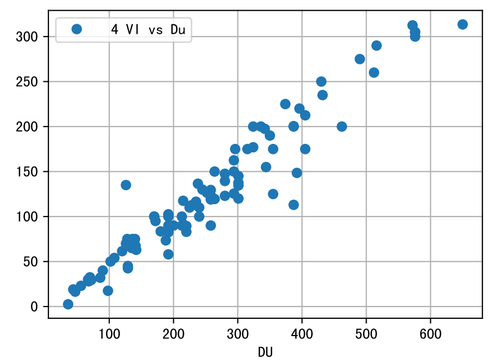

3 OIR
d

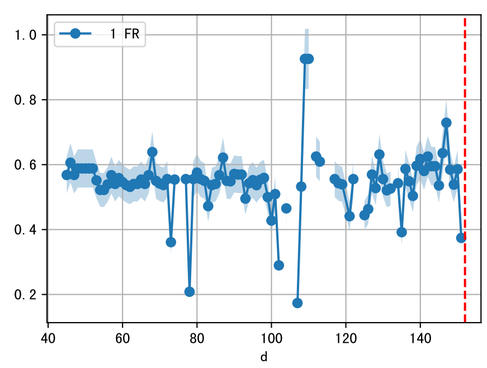

4 OIR
d

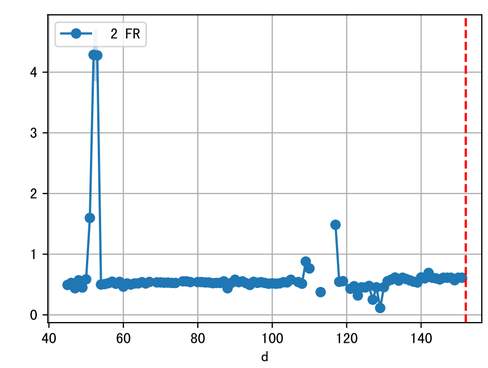

1 VI vs Du
DU

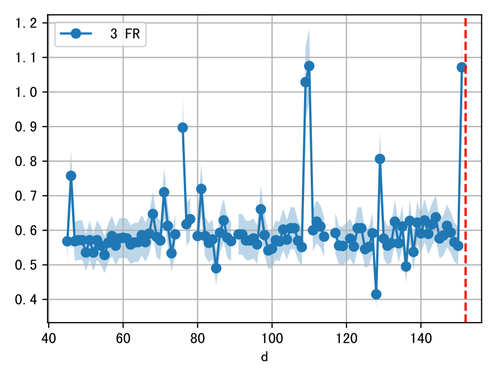

2 VI vs Du
DU

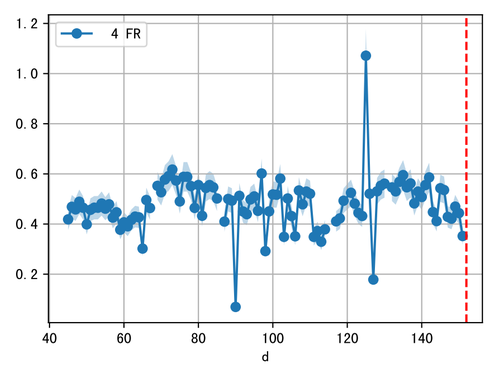

3 VI vs Du
DU

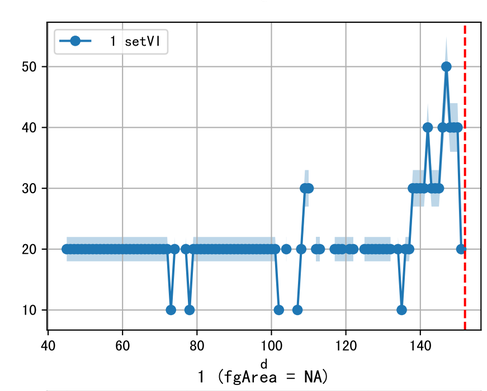

4 VI vs Du
DU

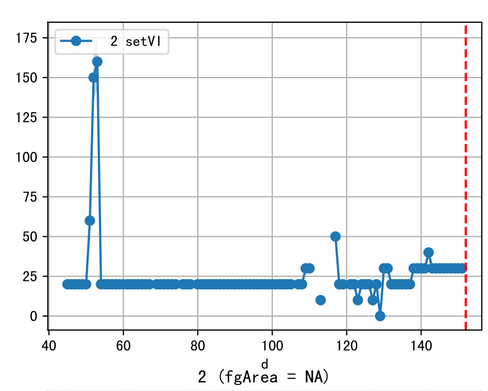

1 FR
d

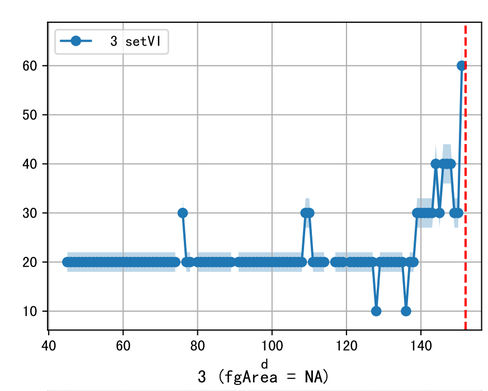

2 FR
d

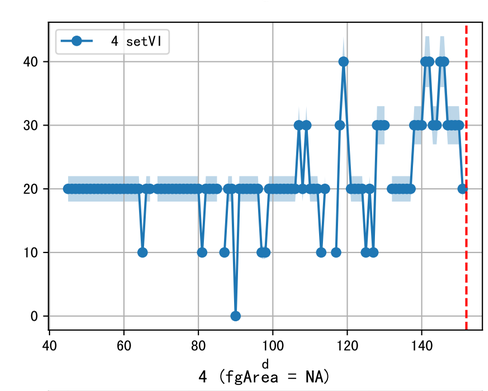

3 FR
d

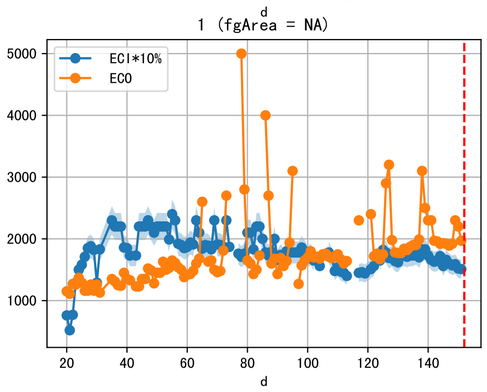

4 FR
d

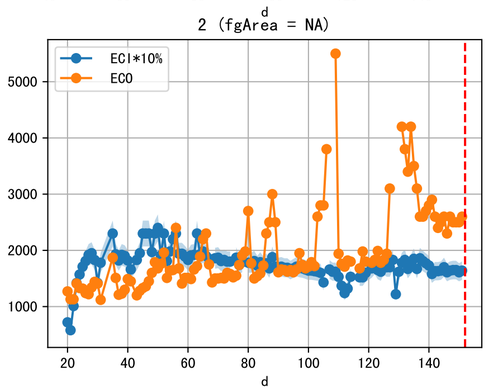

1 setVI
d

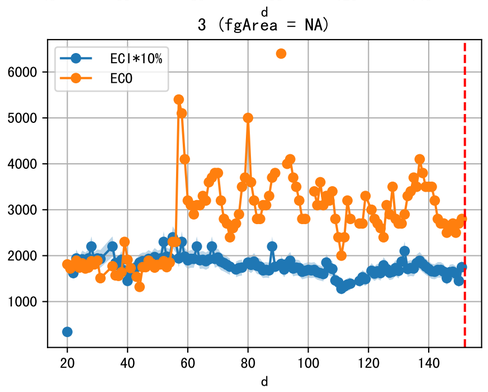

2 setVI
d

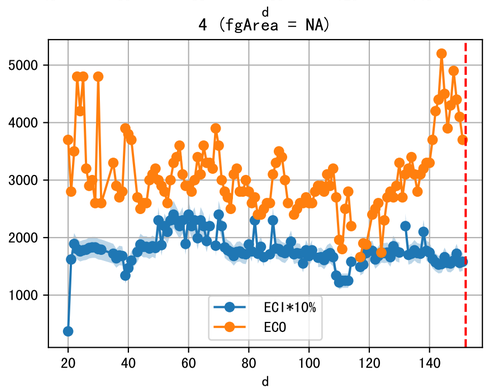

3 setVI
d

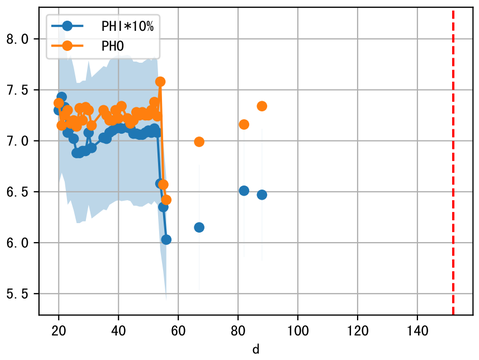
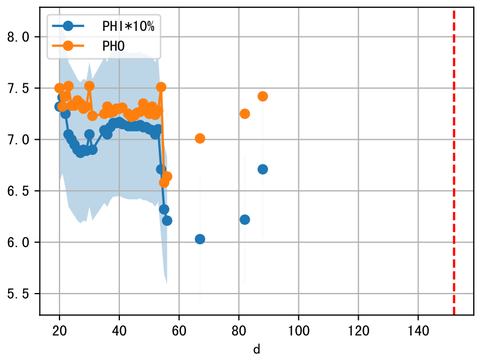
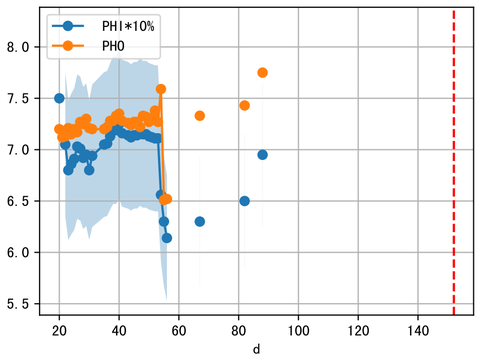
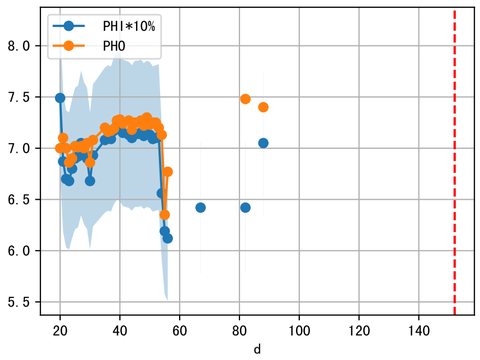

4 setVI
d

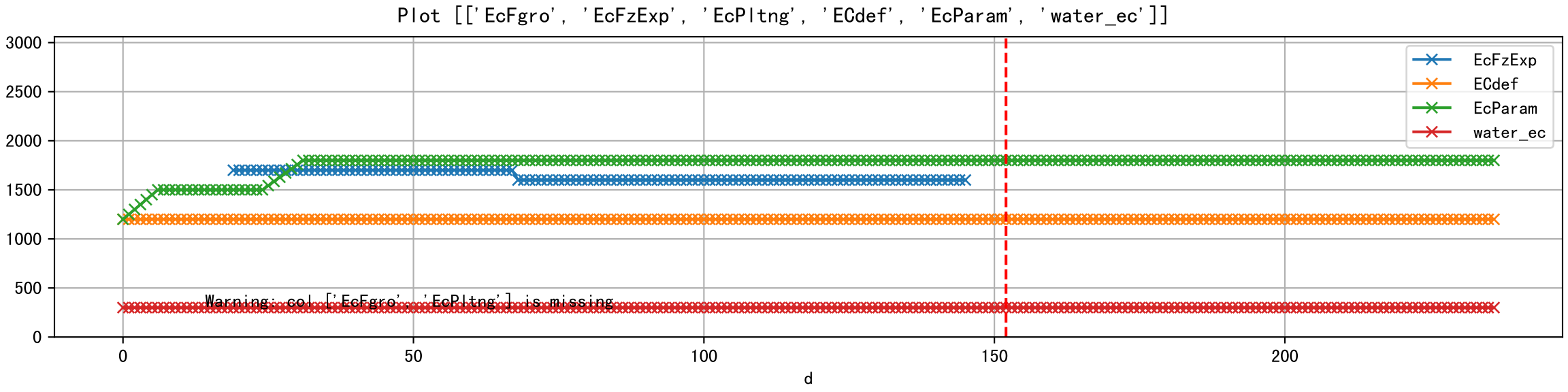

1 (fgArea = NA)
ECI*10%
ECO
d

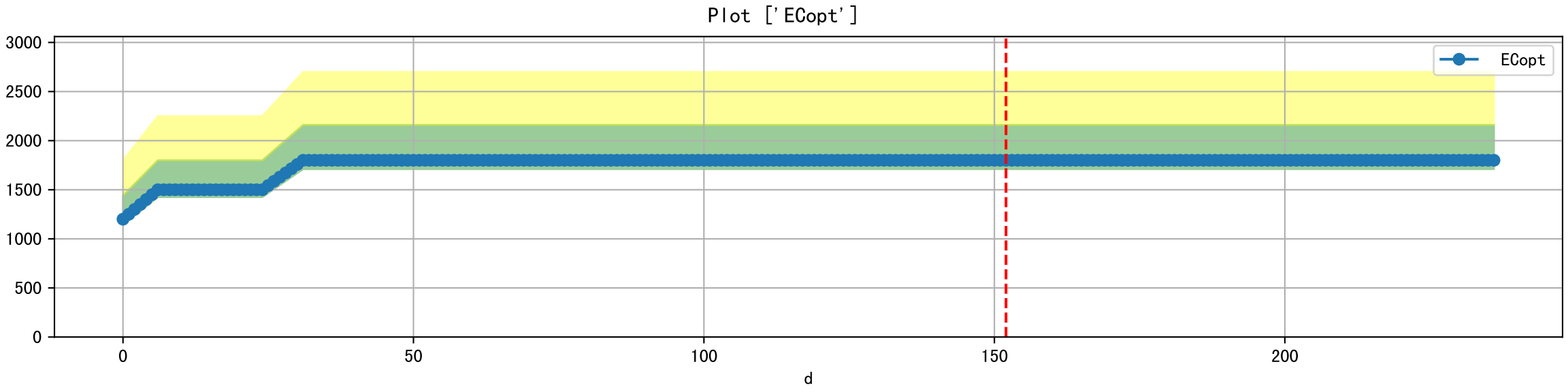

2 (fgArea = NA)
ECI*10%
ECO
d


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

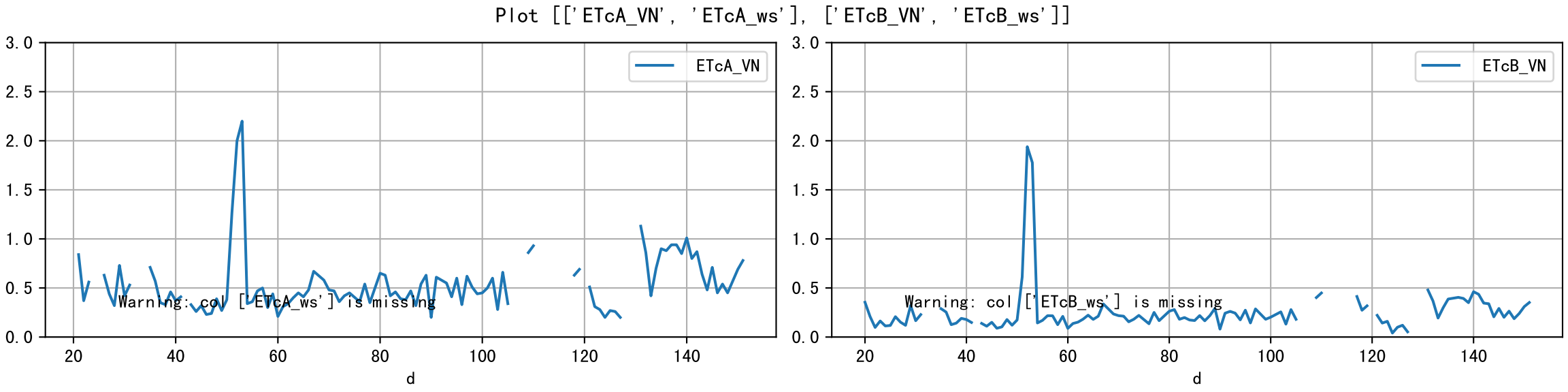

4 (fgArea = NA)
ECI*10%
ECO
d

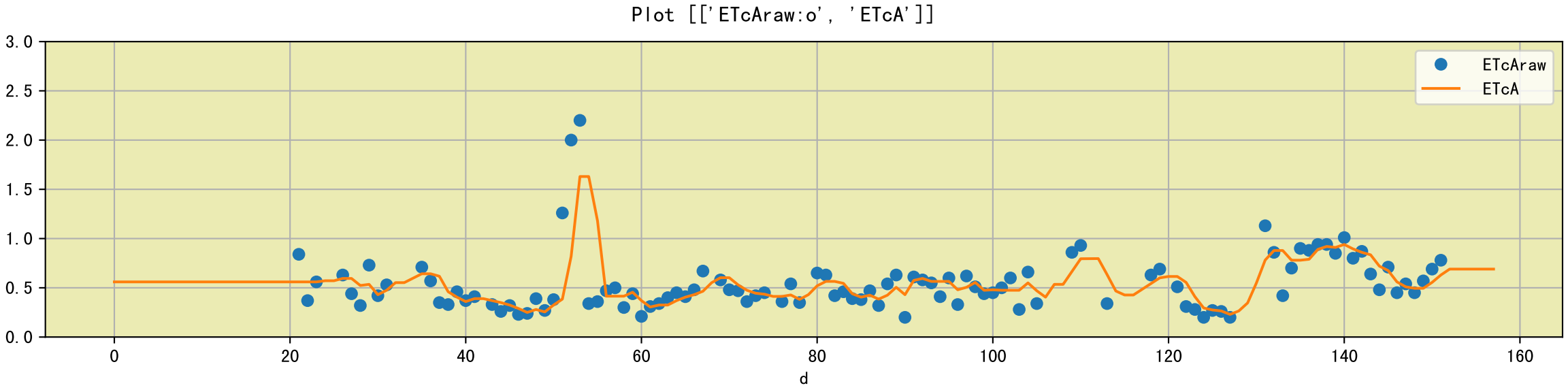

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

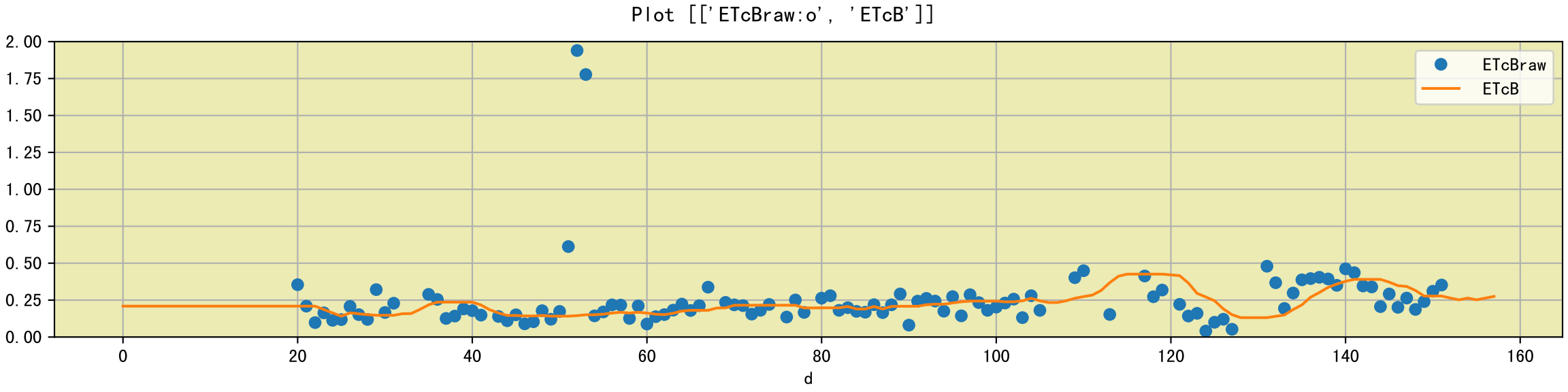

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


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

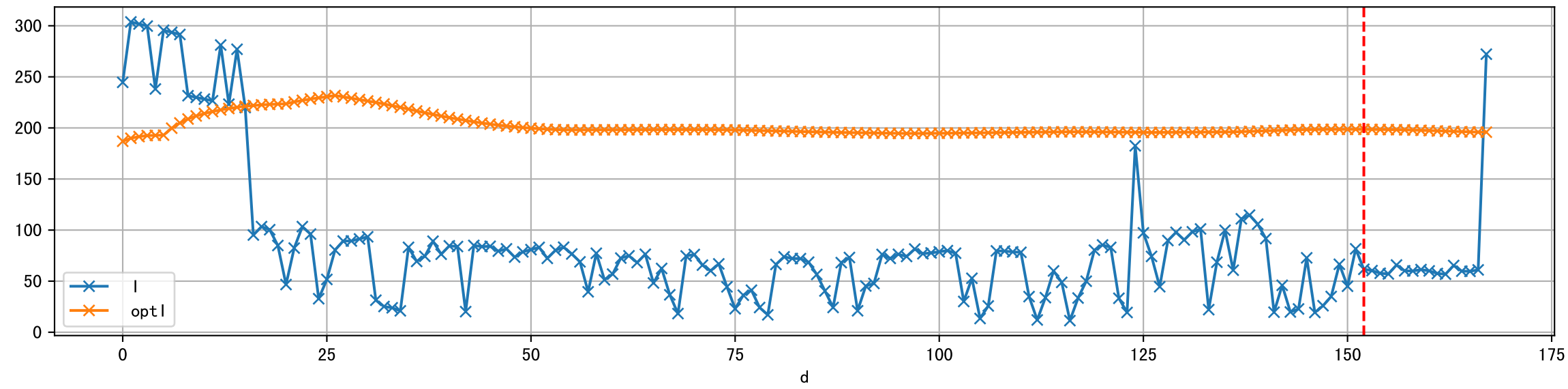
Plot Sensor and FgRec Data

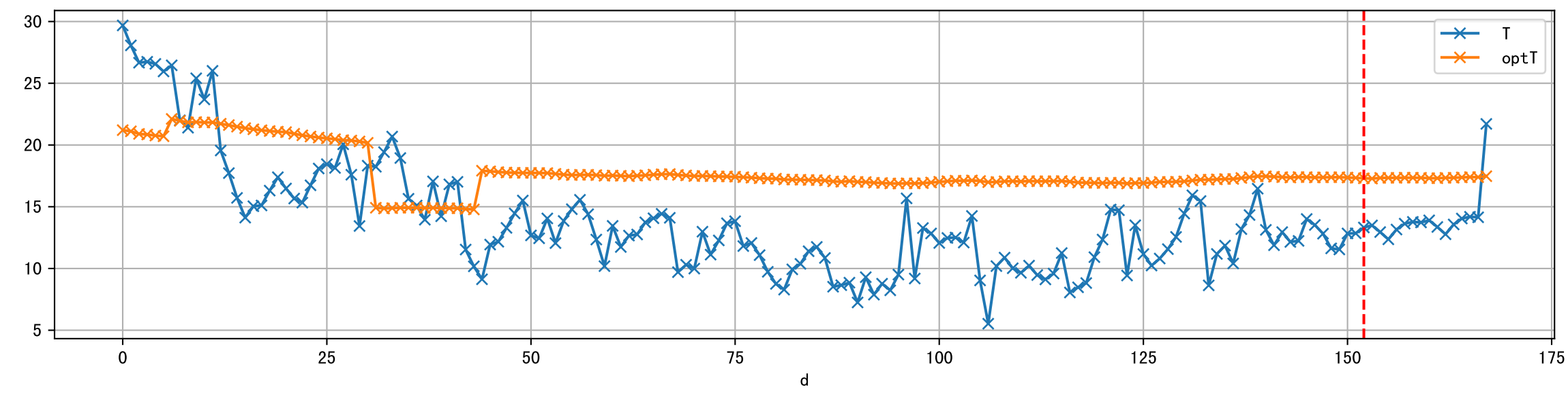

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d
d

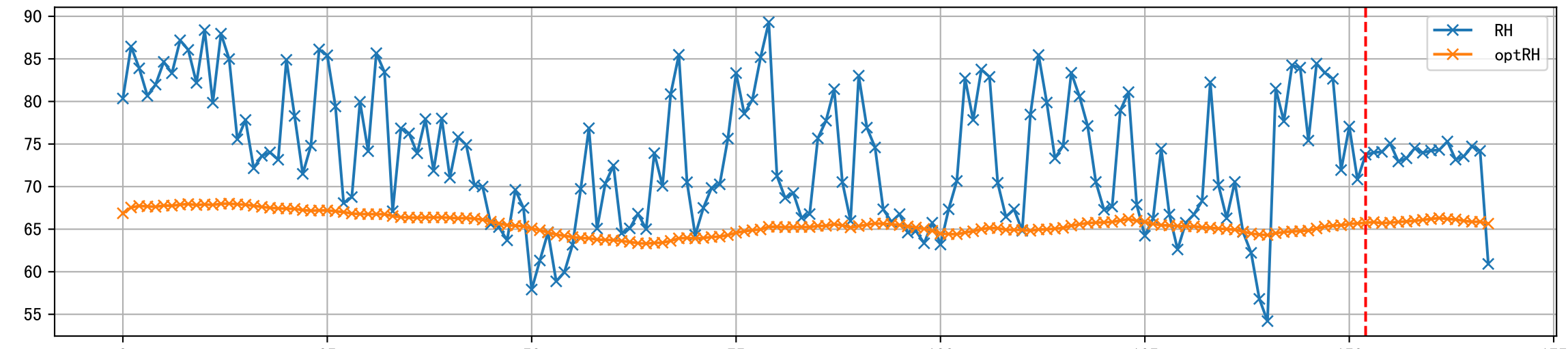

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
160
d
ETcAraw
ETcA

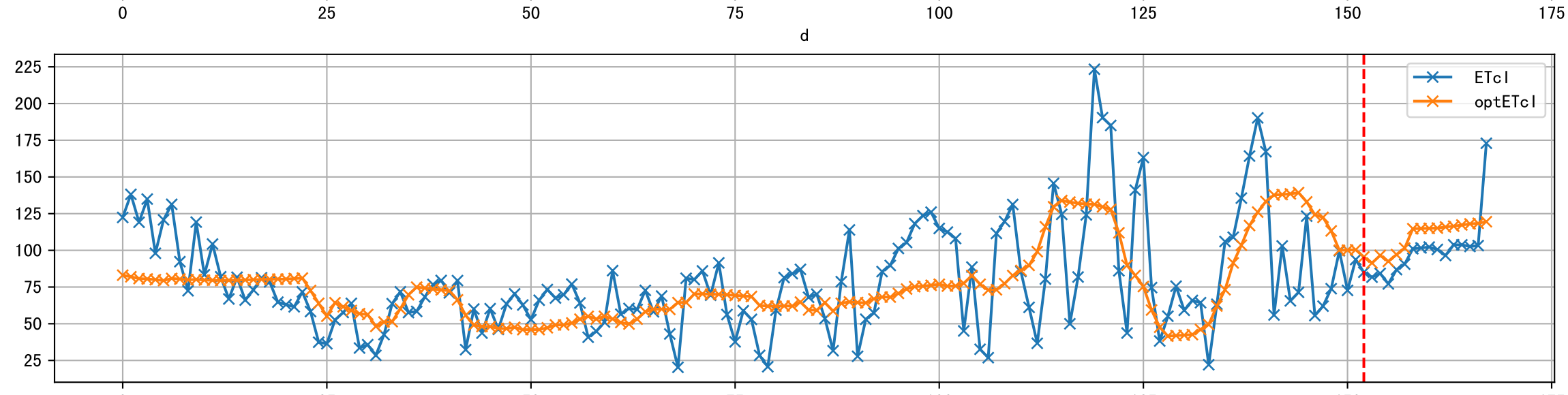

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
160
d
ETcBraw
ETcB

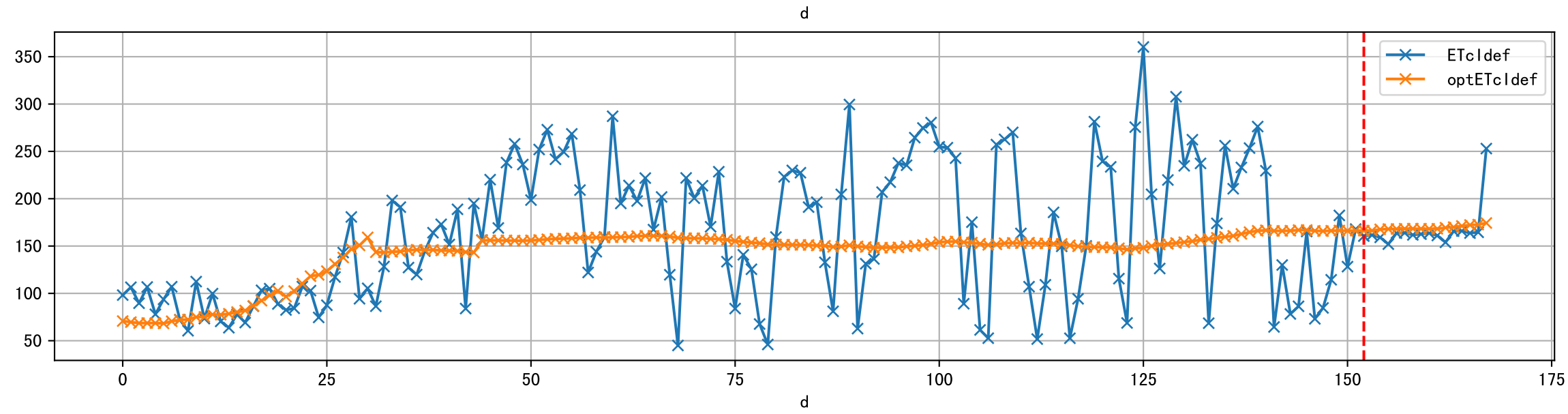
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo1', 'optETo1'], 'LAI', ['optEtRate', 'optEtRateDef', '

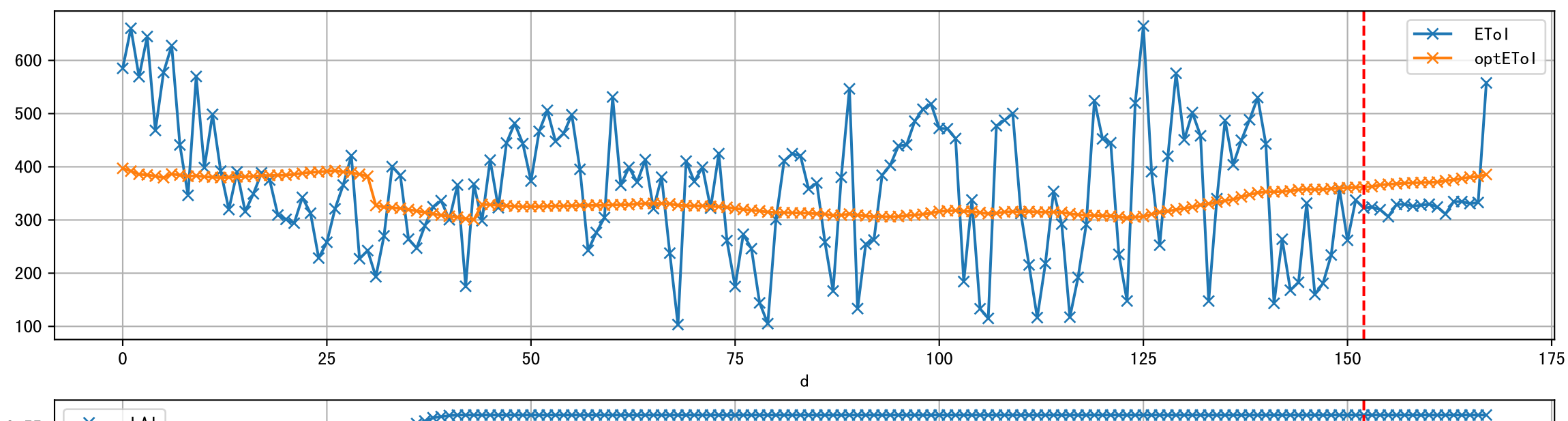


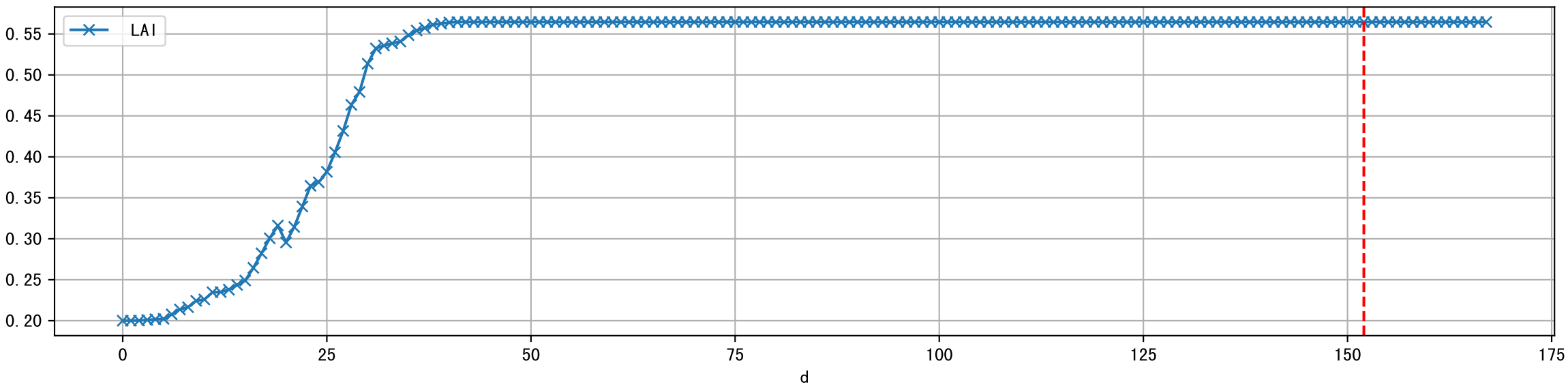


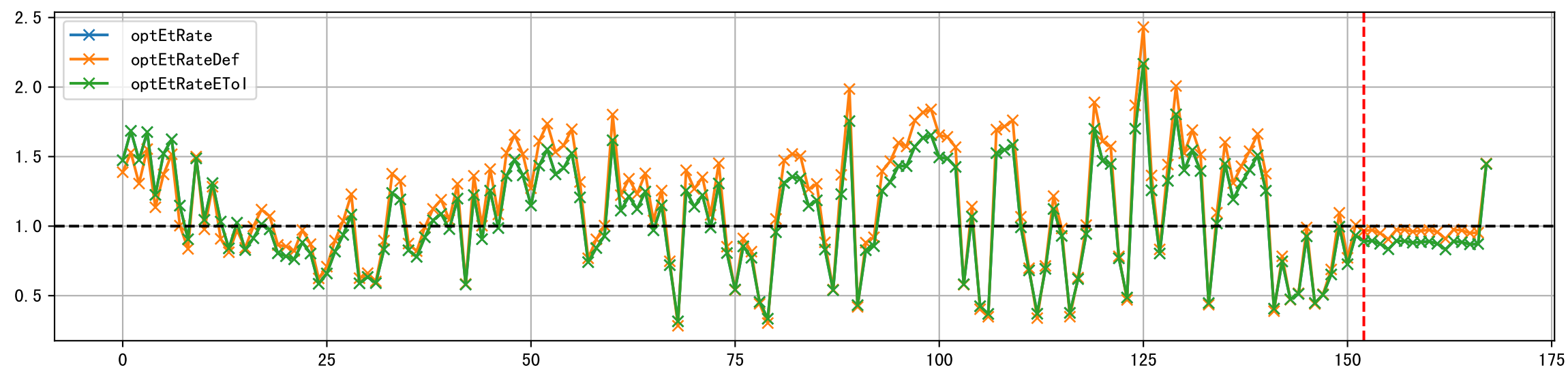


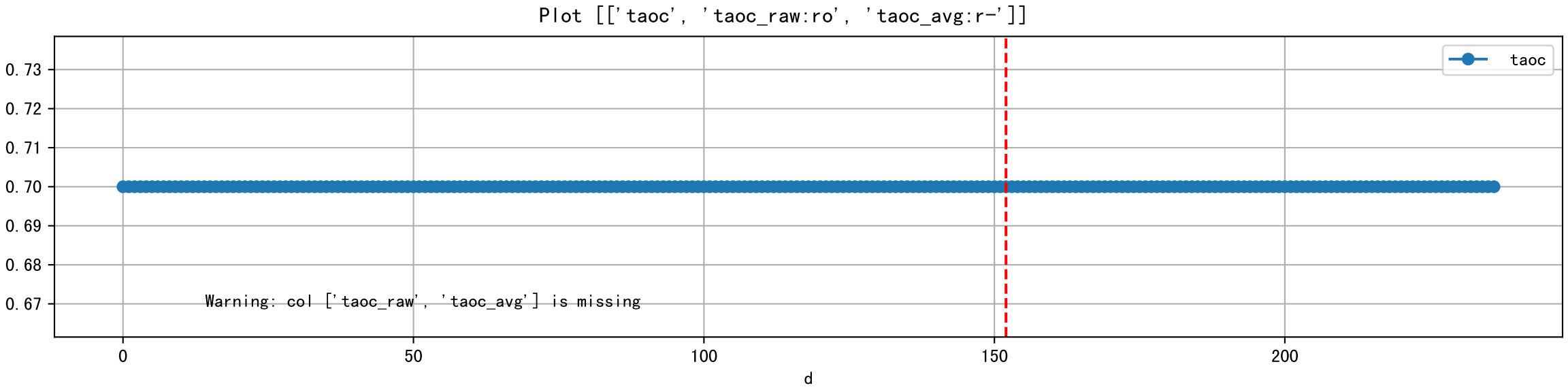


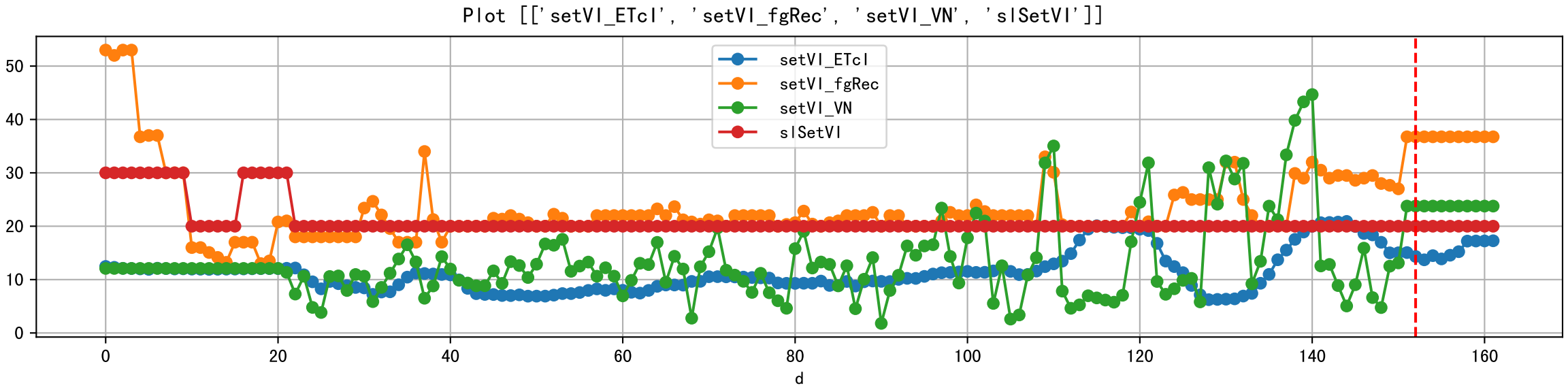


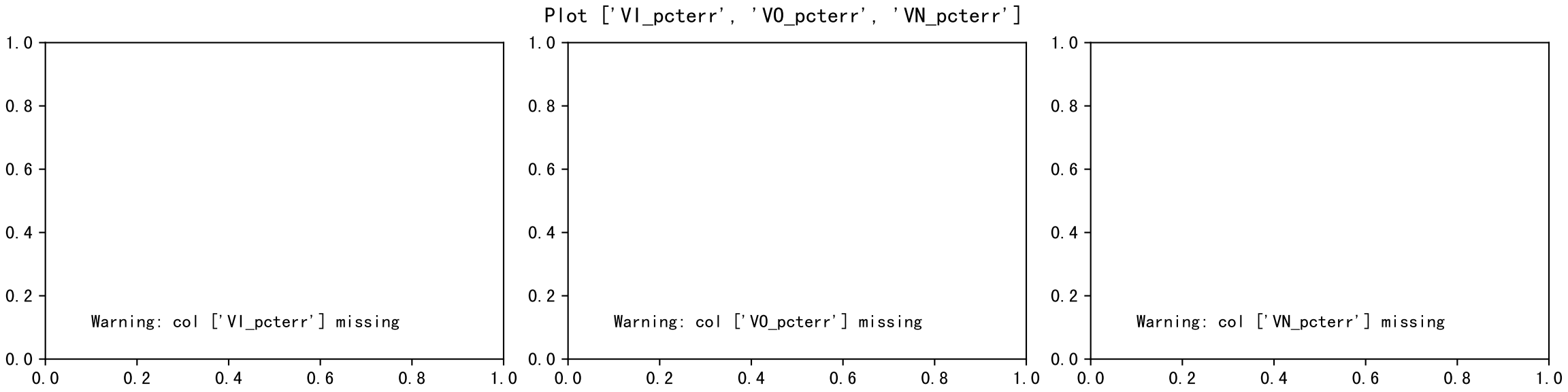


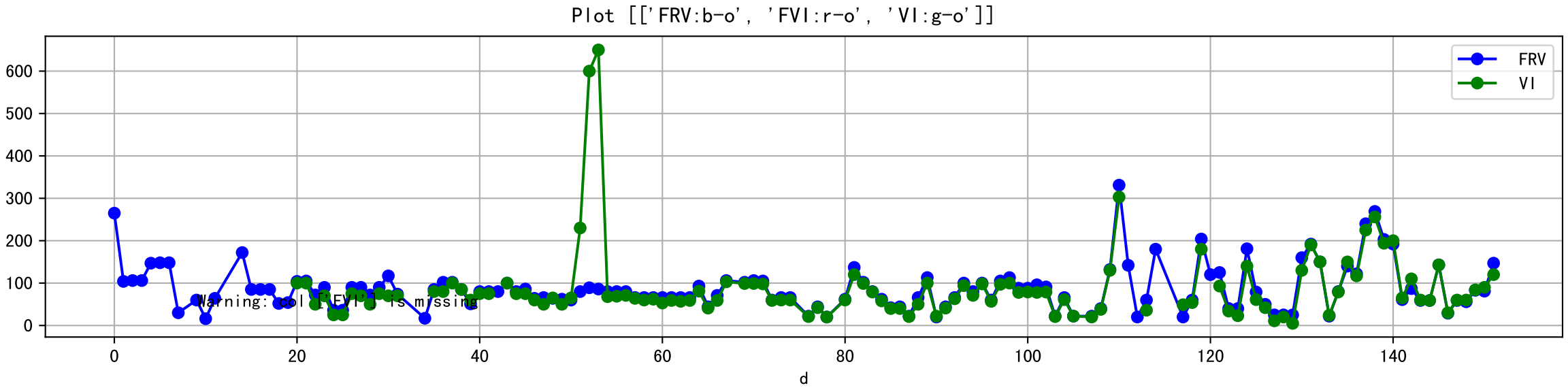


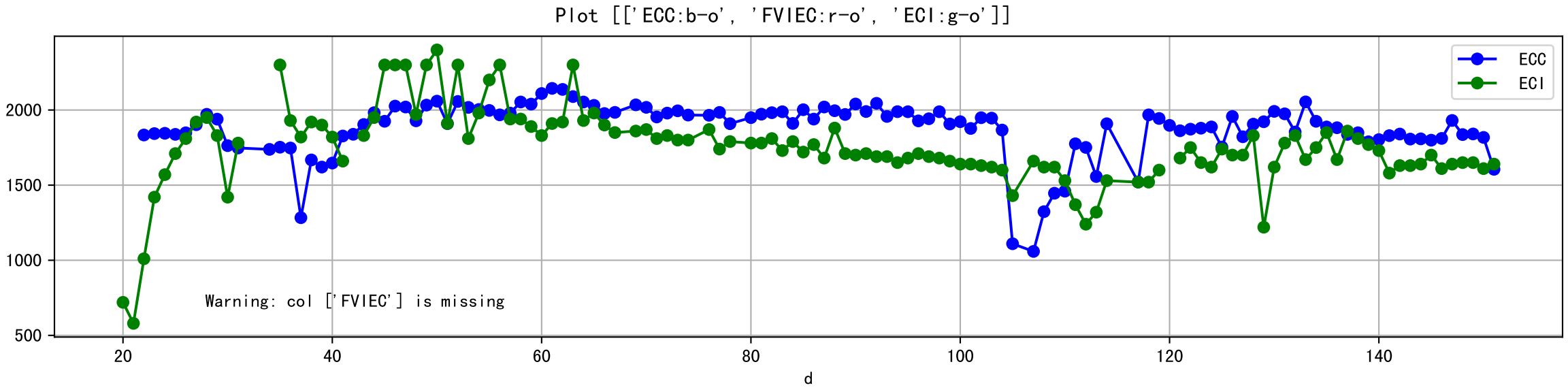


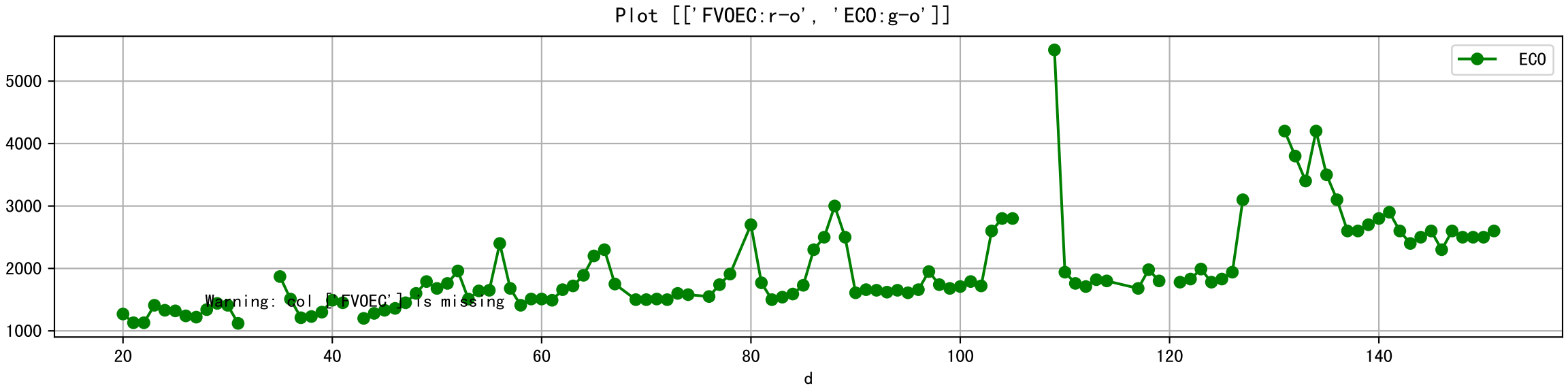

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

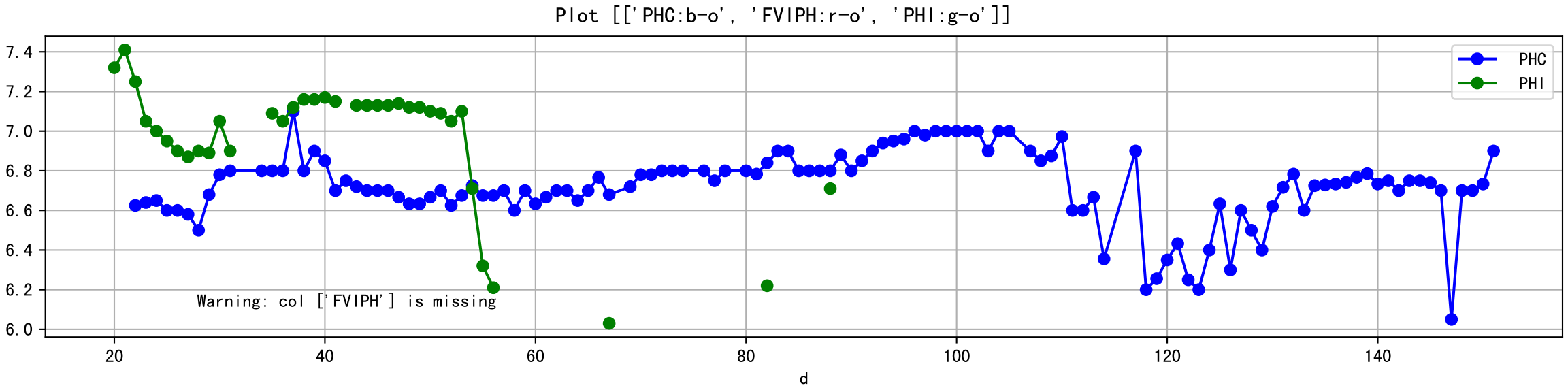

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
20
40
60
80
100
120
140
160
d

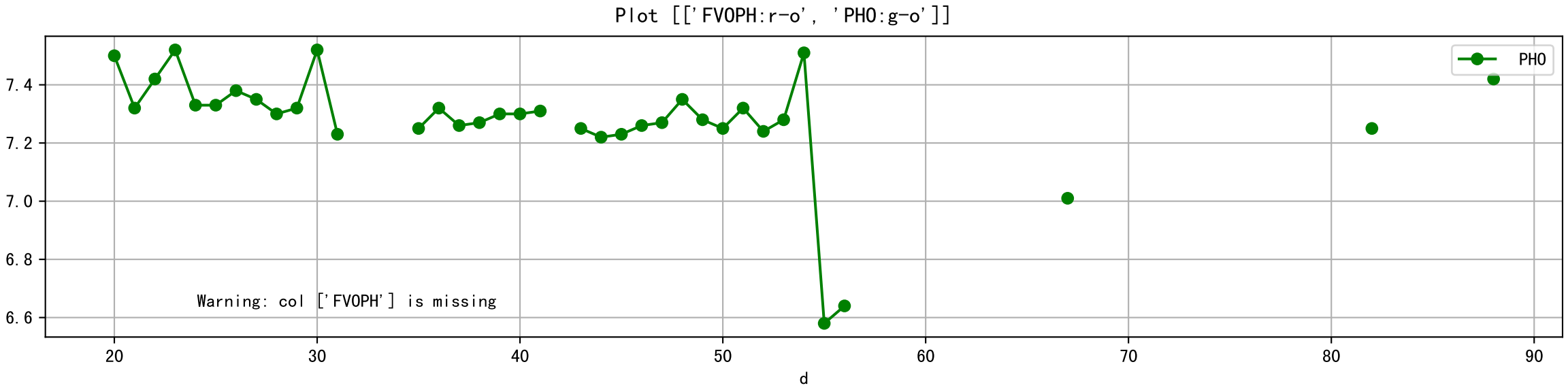

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

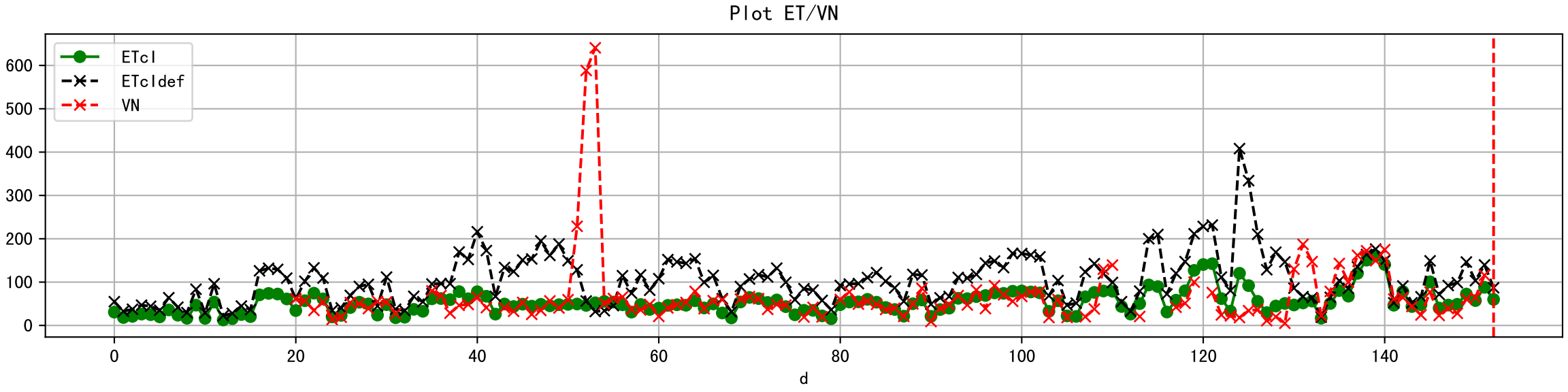

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col 'FVI' is missing
0
100
200
300
400
500
600
0
20
40
60
80
100
120
140
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2000
1500
1000
500
20
40
60
80
100
120
140
d

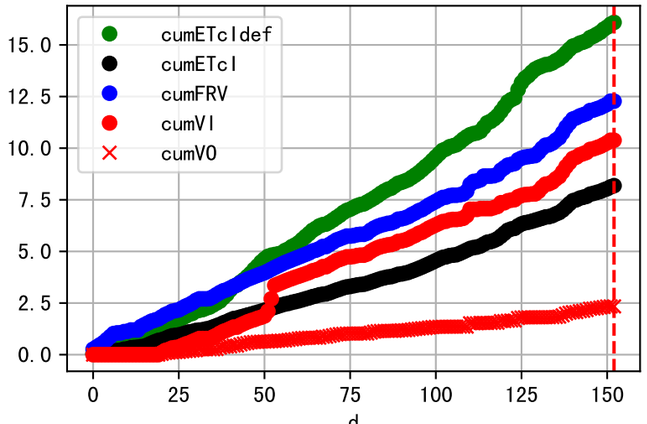

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
1000
20
40
60
80
100
120
140
d

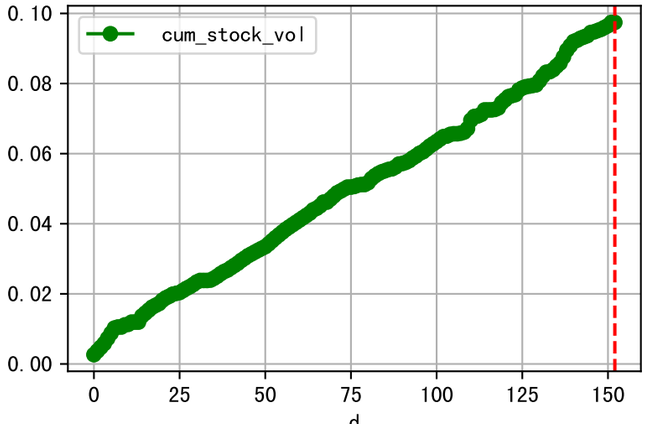

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
d

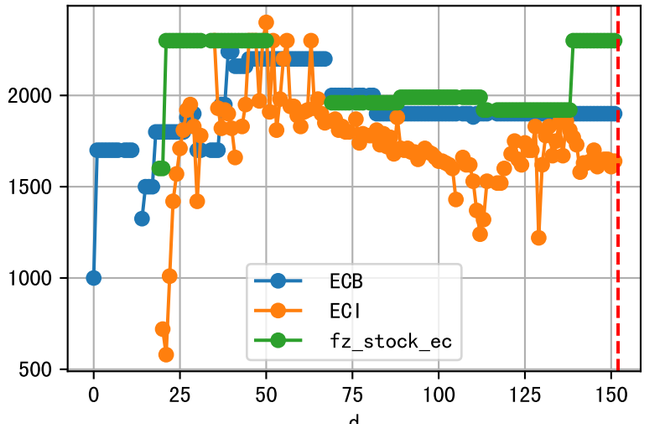

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.4
7.2
7.0
6.8
6.6
20
30
40
50
60
70
80
90
d

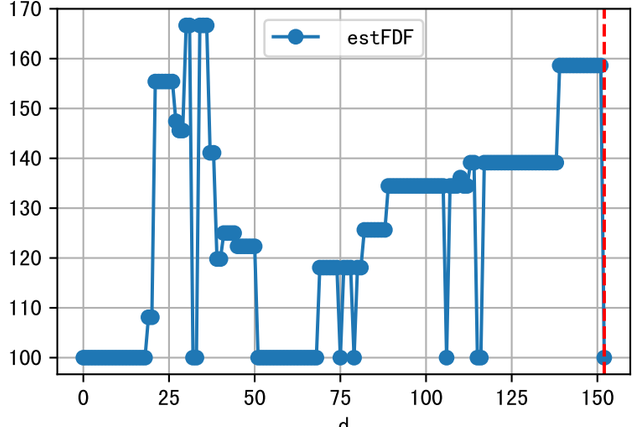

Plot ET/VN
ETcl
ETcldef
VN
600
500
400
300
200
100
0
0
20
40
60
80
100
120
140
d

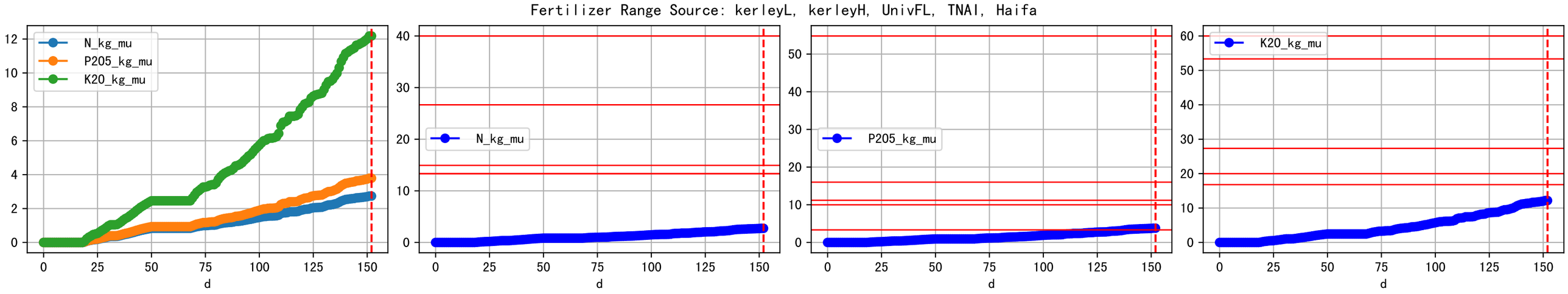
Plot Fv and fertilizer usage

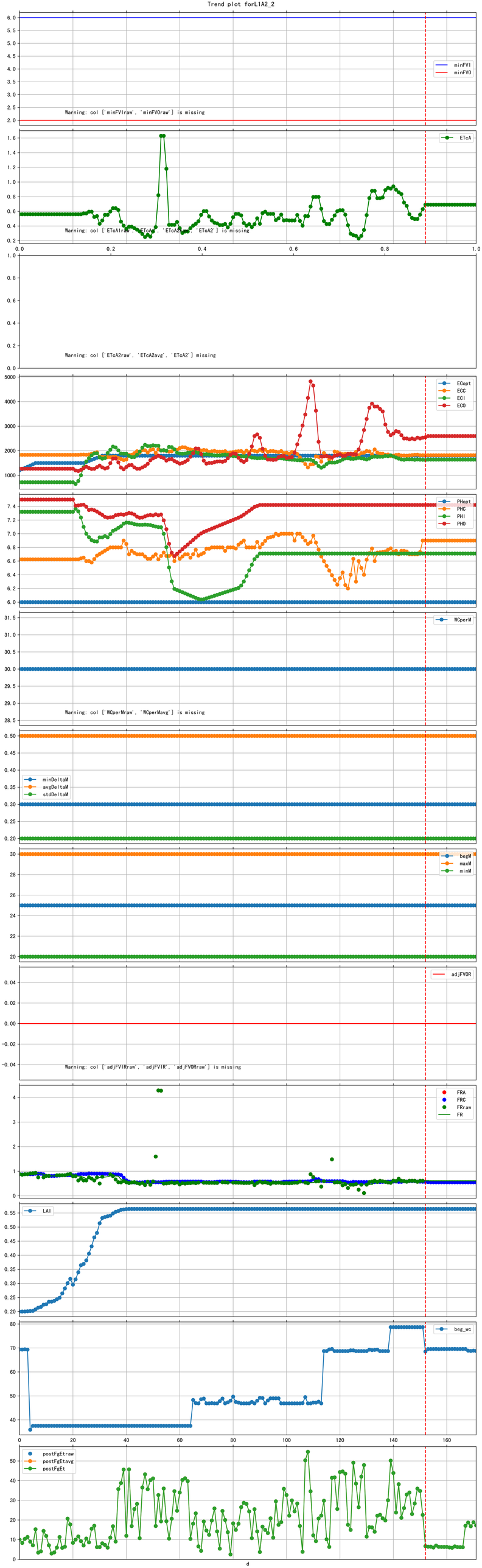


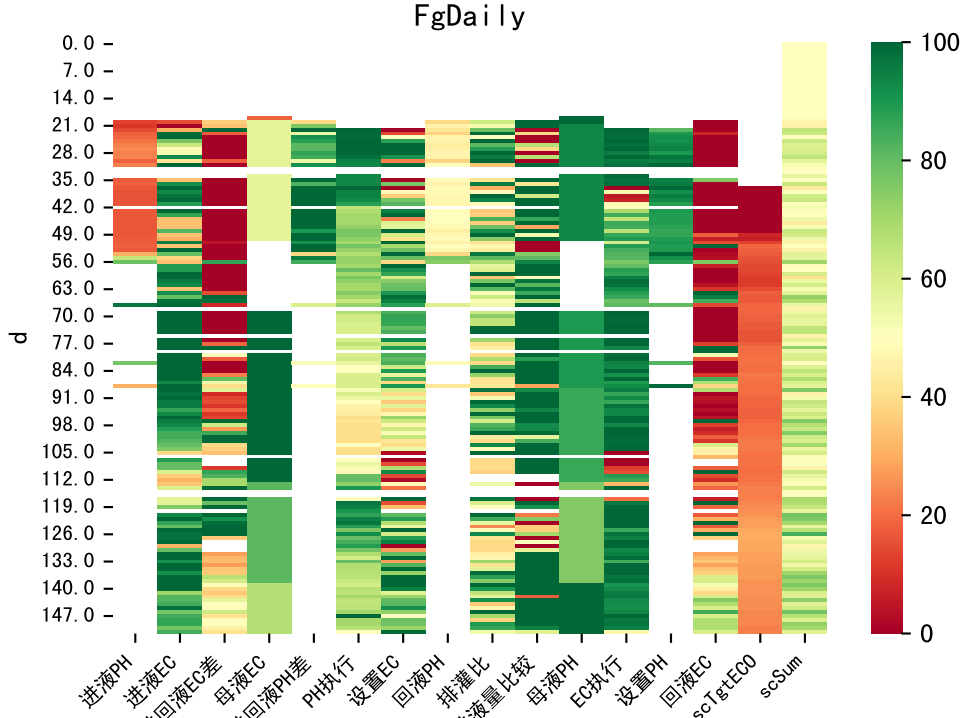




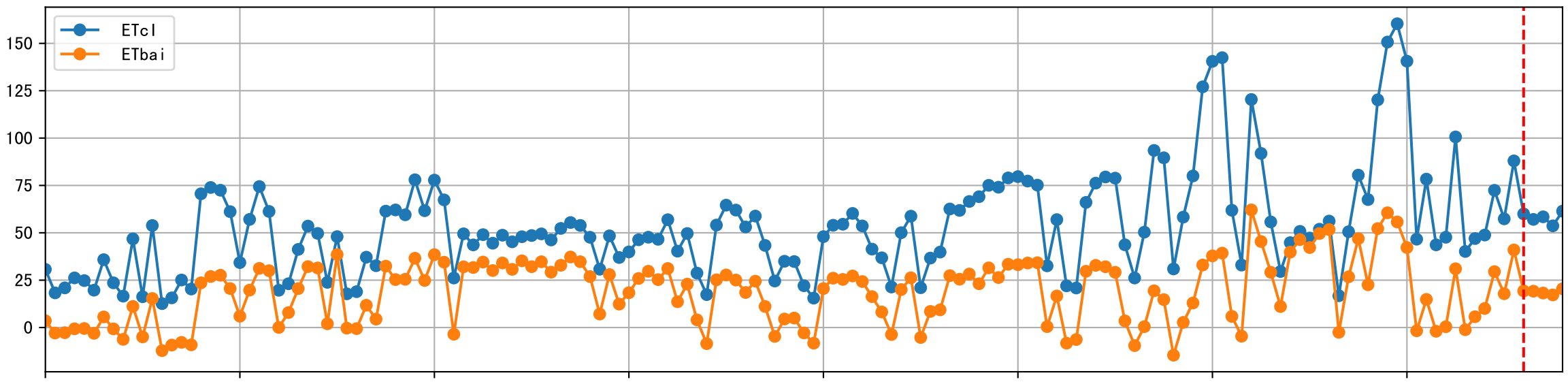


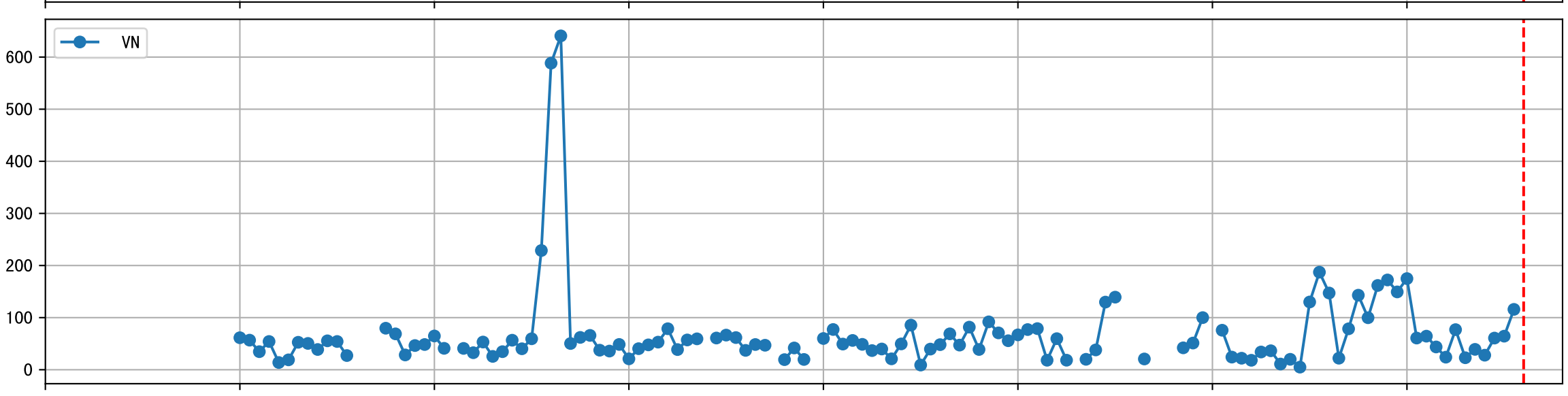

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

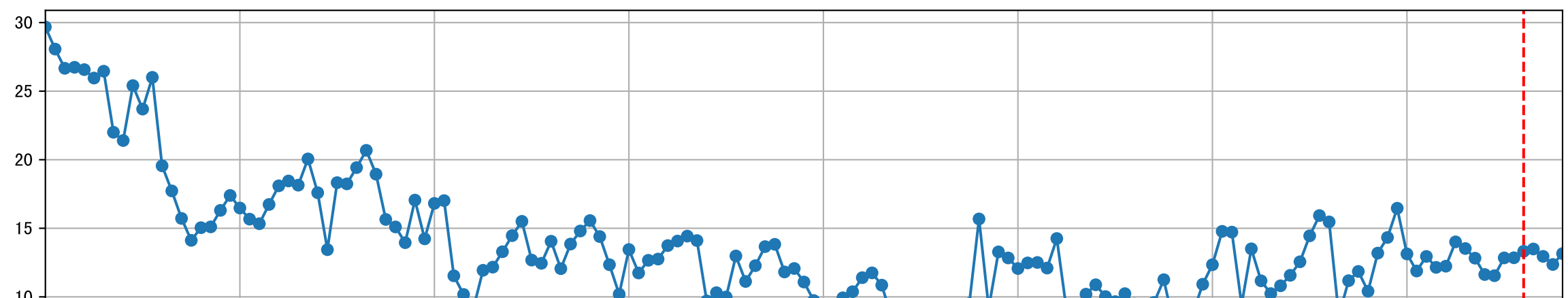

Trend plot forL1A2_2
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcAvg', 'ETcA2', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing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

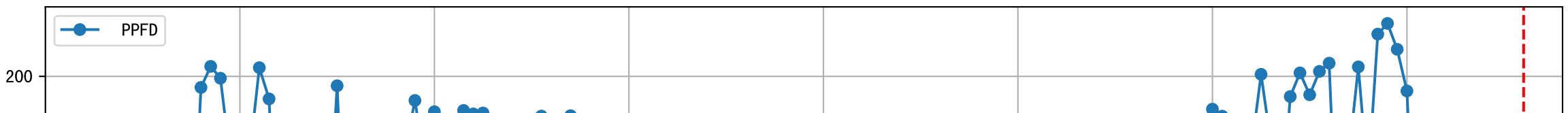

FgDaily
d
0.0
7.0
14.0
21.0
28.0
35.0
42.0
49.0
56.0
63.0
70.0
77.0
84.0
91.0
98.0
105.0
112.0
119.0
126.0
133.0
140.0
147.0
100
80
60
40
20
0
进液PH
进液EC
回液EC差
母液EC
回液PH差
PH执行
设置EC
回液PH
排灌比
液量比较
母液PH
EC执行
设置PH
回液EC
scTgtEC0
scSum

L1A2_2

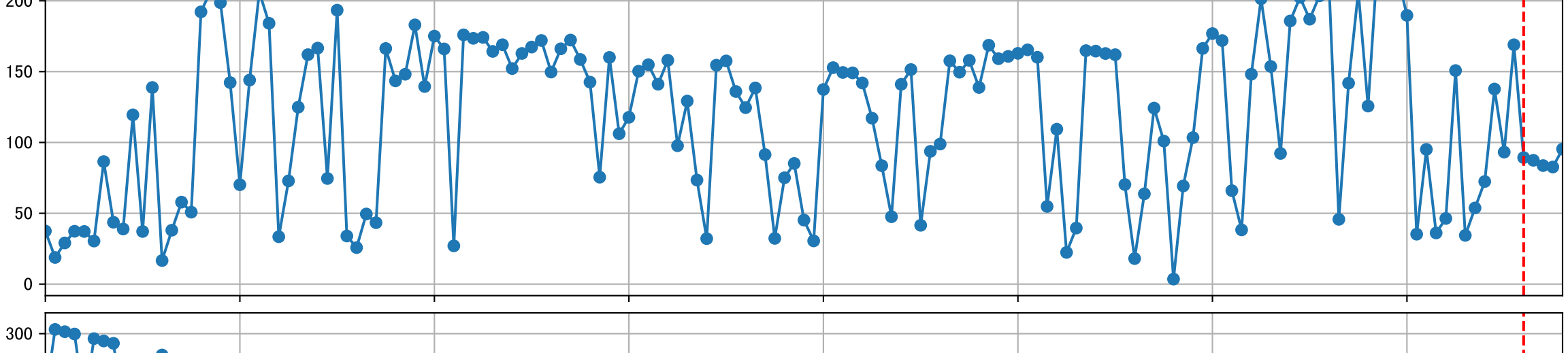

ETcl
ETbai
150
125
100
75
50
25
0

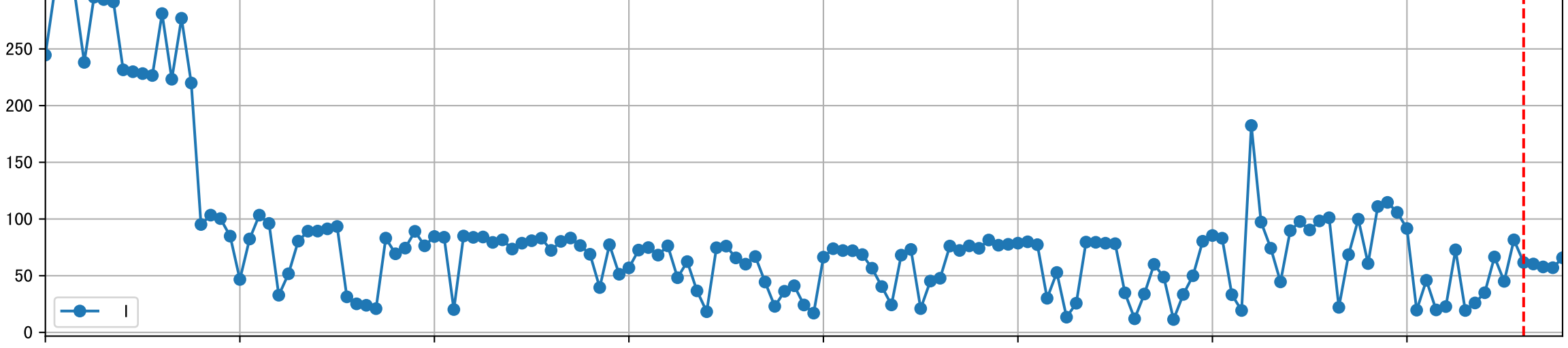

VN
600
500
400
300
200
100
0

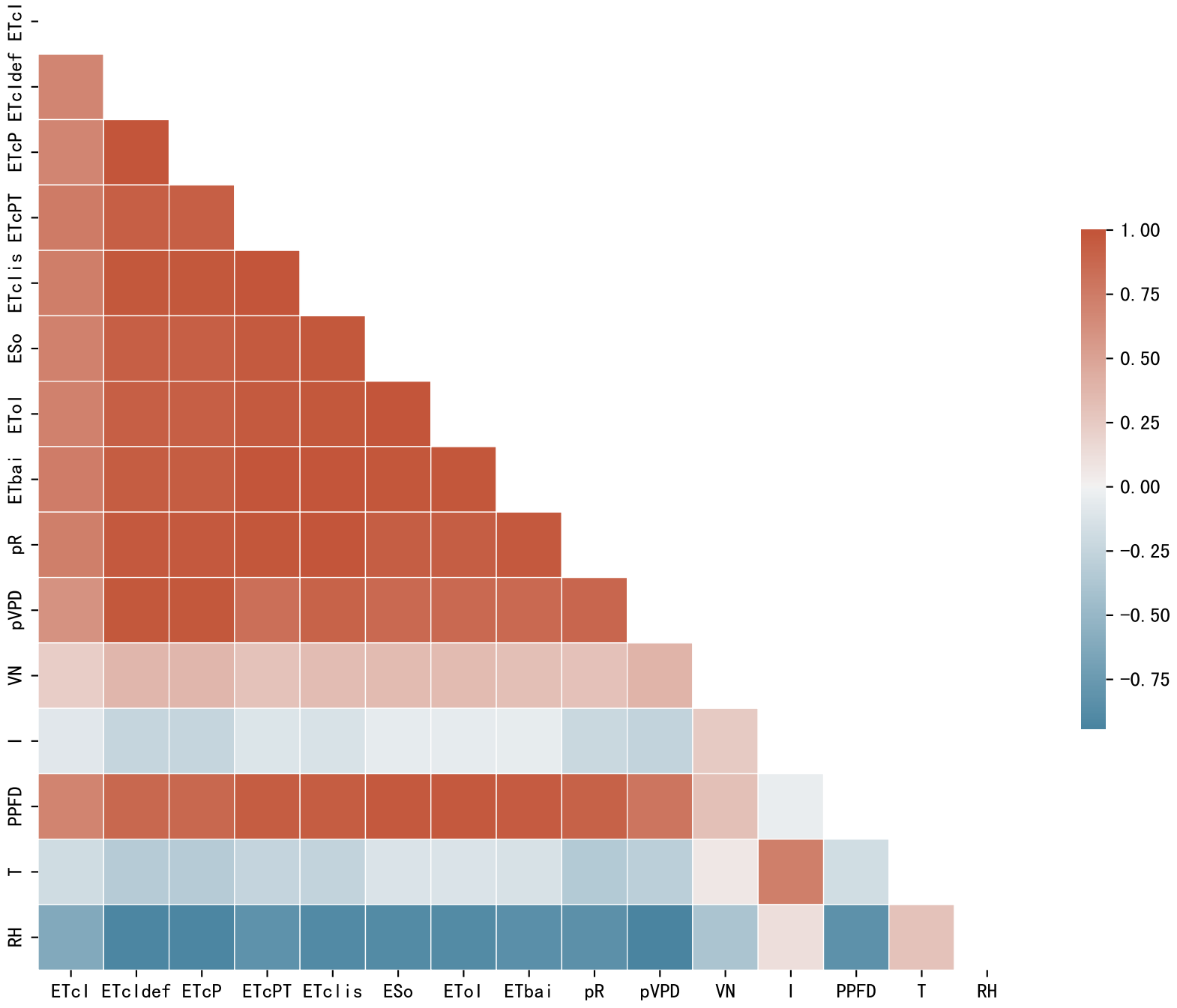

T
30
25
20
15
10
5

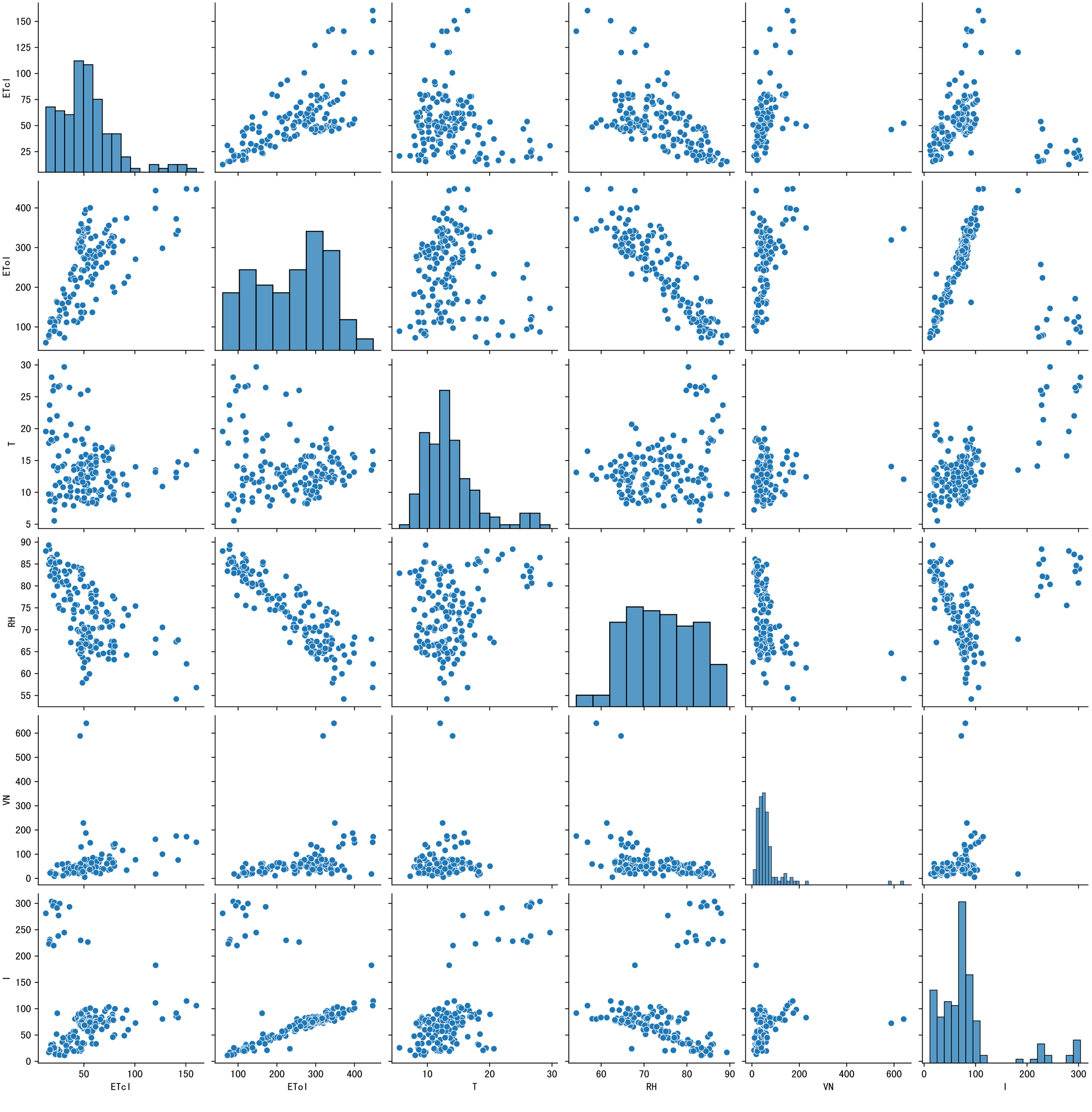

PPFD
200
150
100
50
0

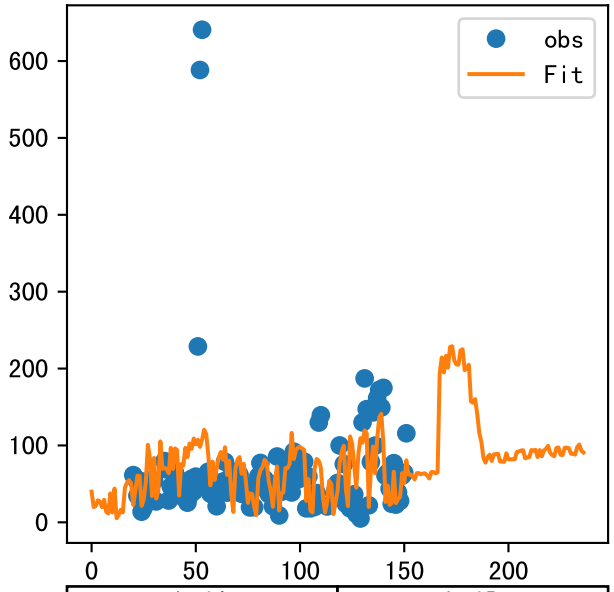
I
300
250
200
150
100
50
0

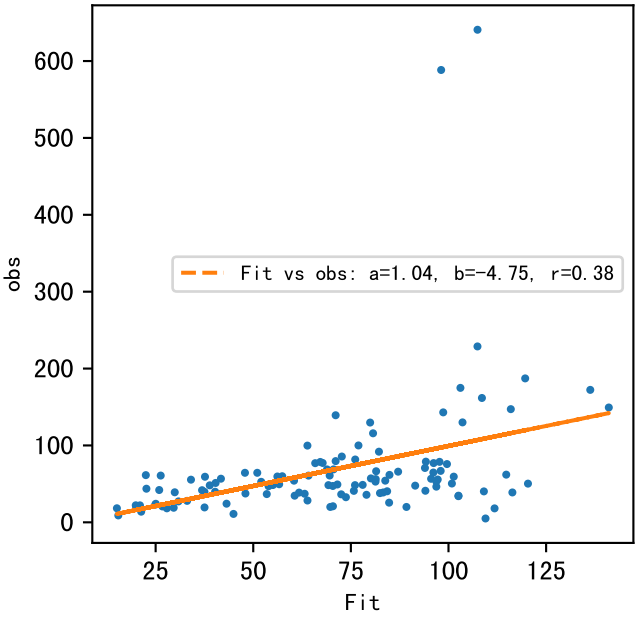

RH
90
85
80
75
70
65
60
55


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

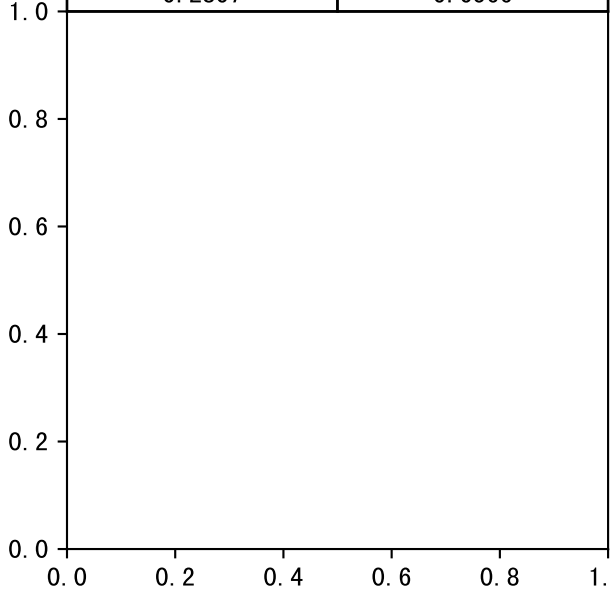

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

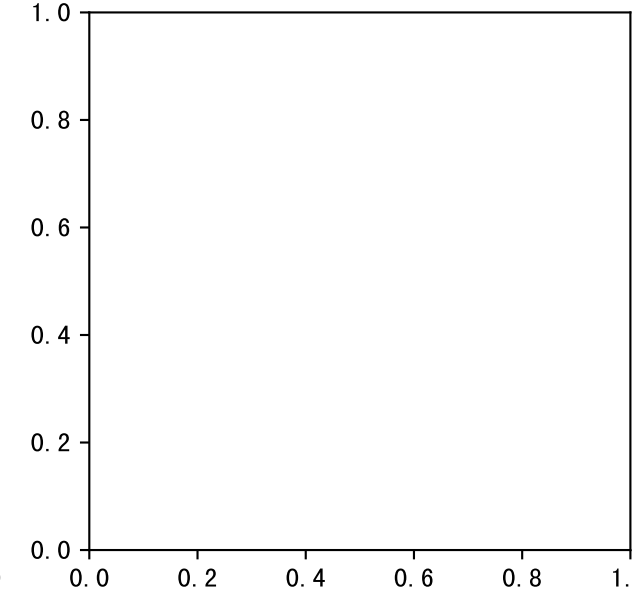

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

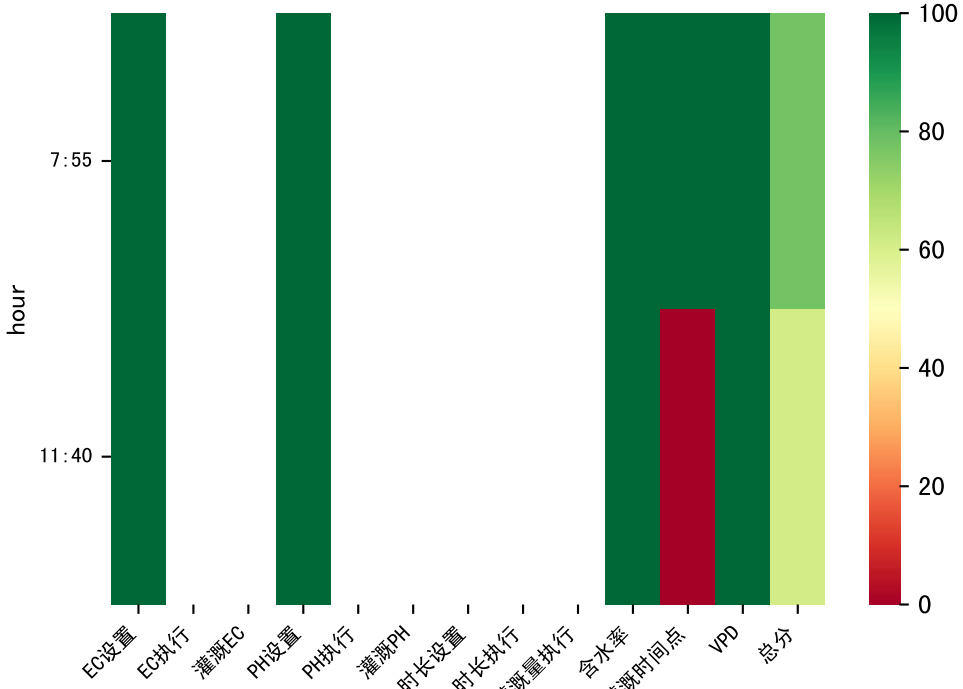




baiA	baiB
0.2807	0.0566

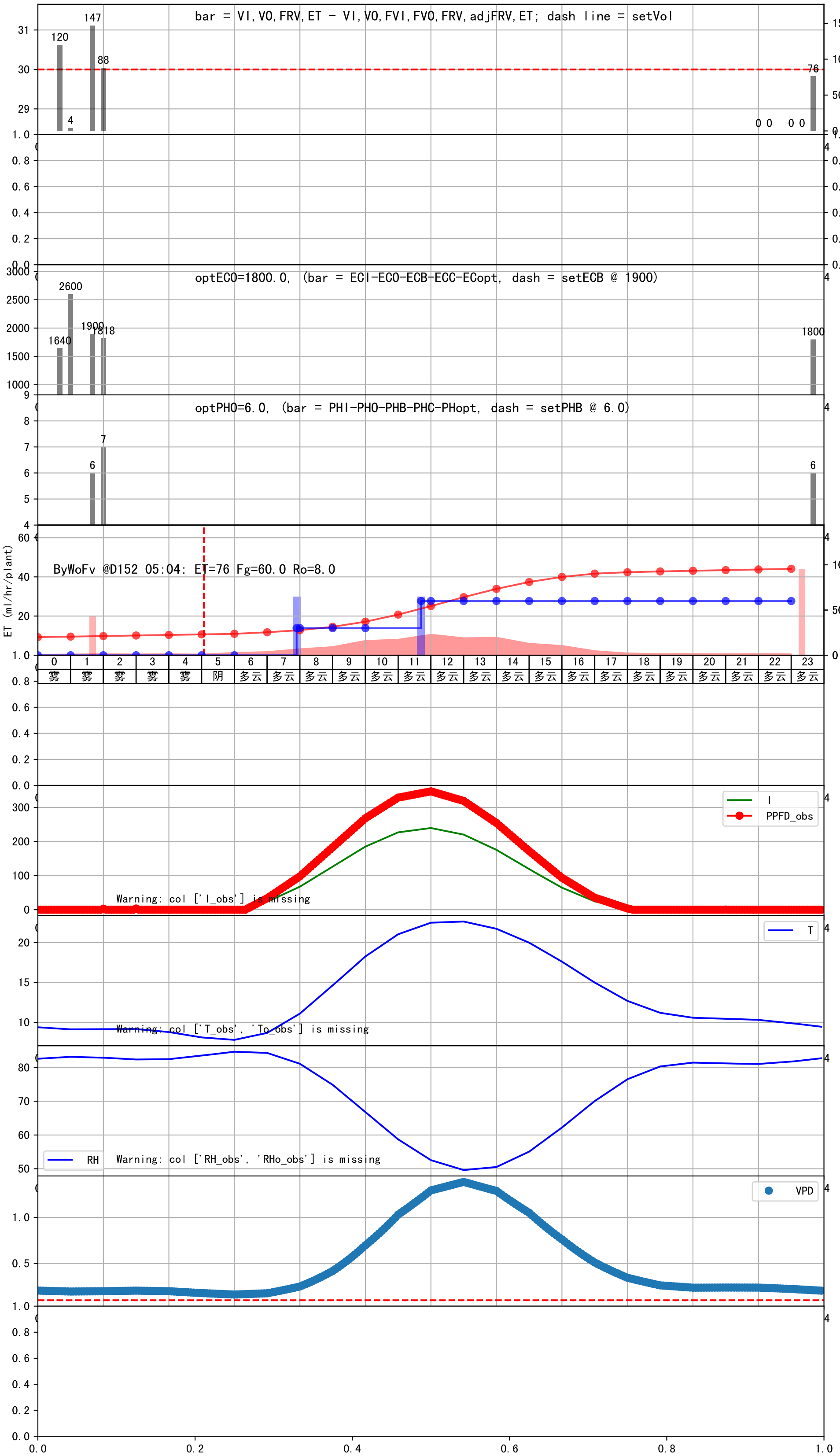


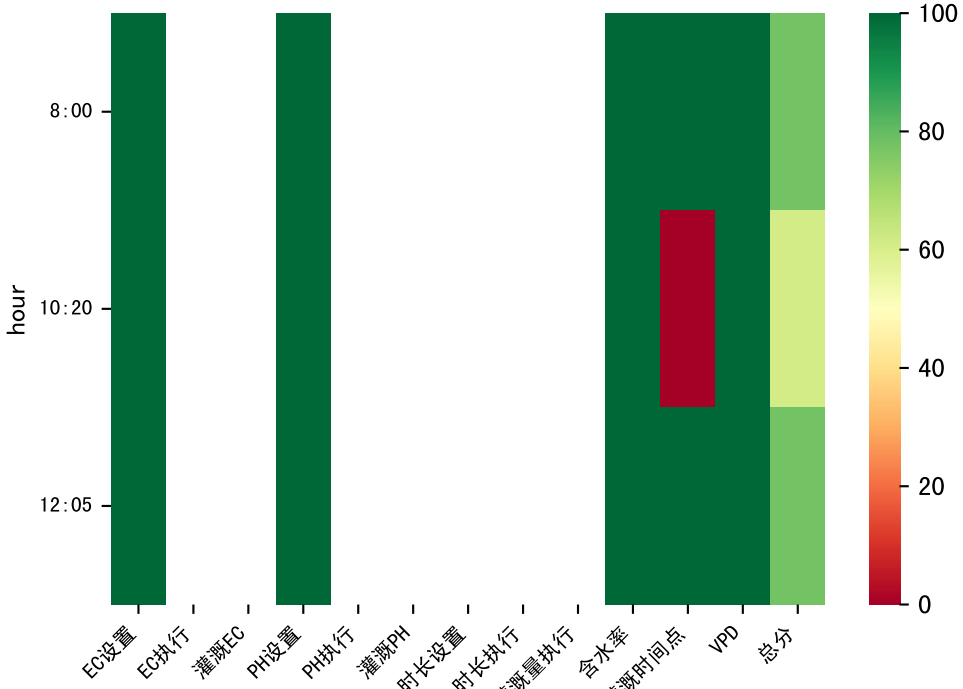



hour
7:55
11:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:55	49	30.0	0.122	多云	预期@07:55 自主（未用传感器）
11:40	49	30.0	0.122	多云	预期@11:40 自主（未用传感器）
总计	98.0 (2次)	60.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=152 (2026-03-07)

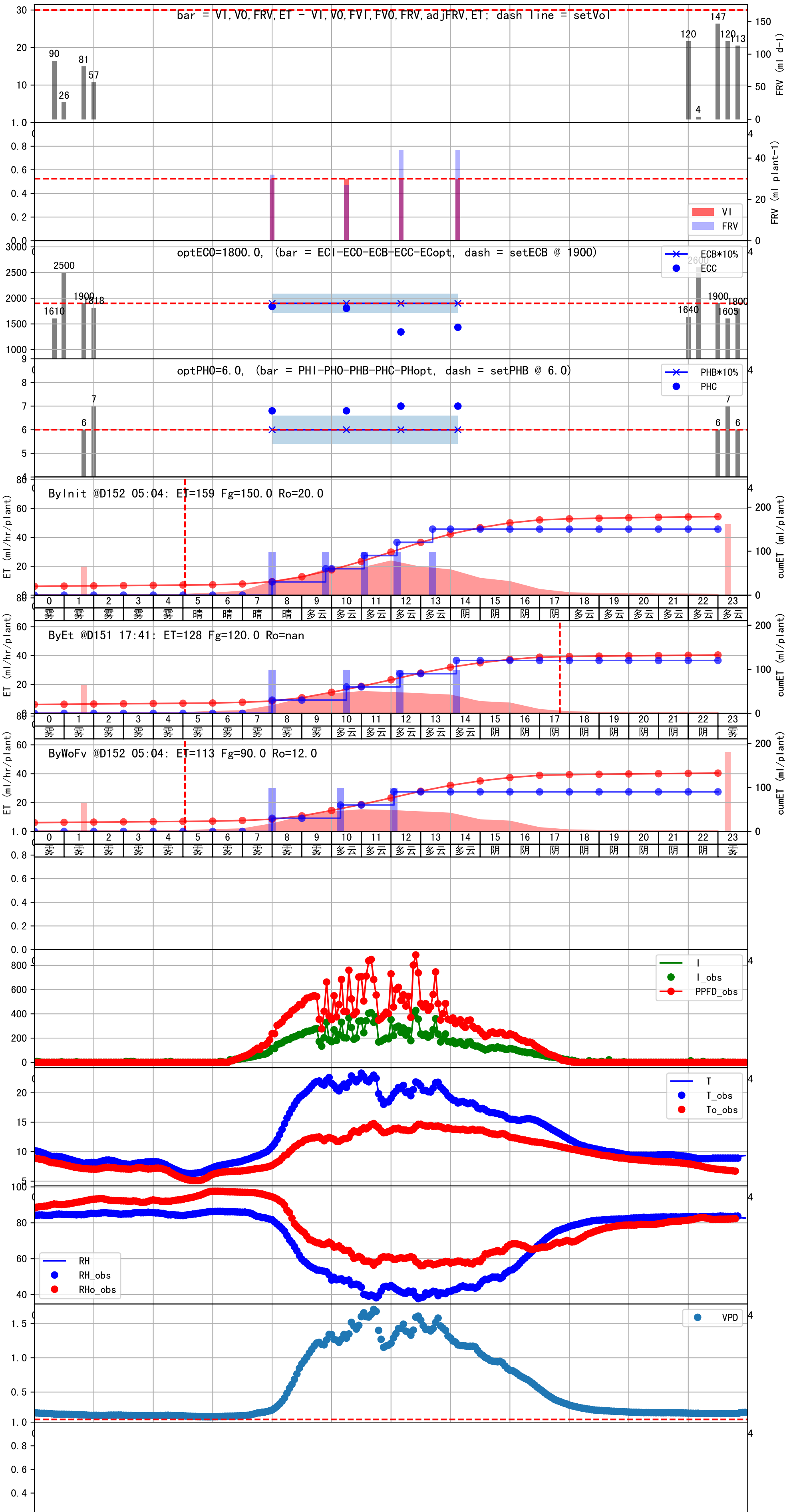


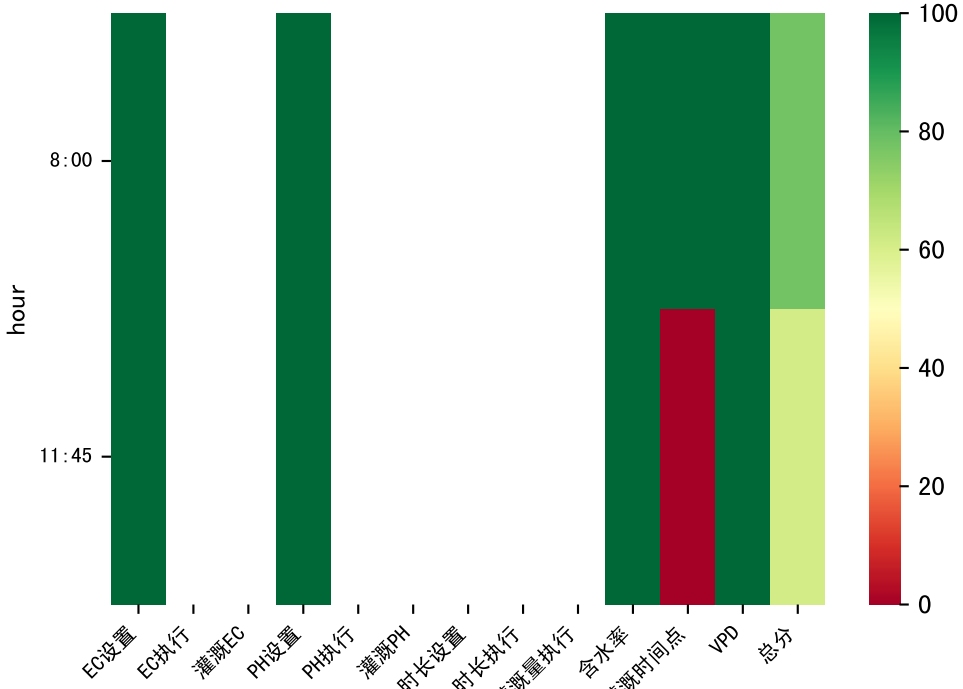

hour
8:00
10:20
12:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:00	49	30.0	0.122	雾	假设@08:00 自动（未用传感器）
10:20	49	30.0	0.122	多云	假设@10:20 自动（未用传感器）
12:05	49	30.0	0.122	多云	假设@12:05 自动（未用传感器）
总计	147.0 (3次)	90.0			建议进液EC：1900， PH：6.0

上次灌溉流速比过去5天平均大 (0.9 vs 0.58)，可能管道压力异常或有管道漏水
施肥机灌溉量与预期值不符 (44.0 : 30.0)，可能水表需要校准
默认实际灌溉30.0 ml.

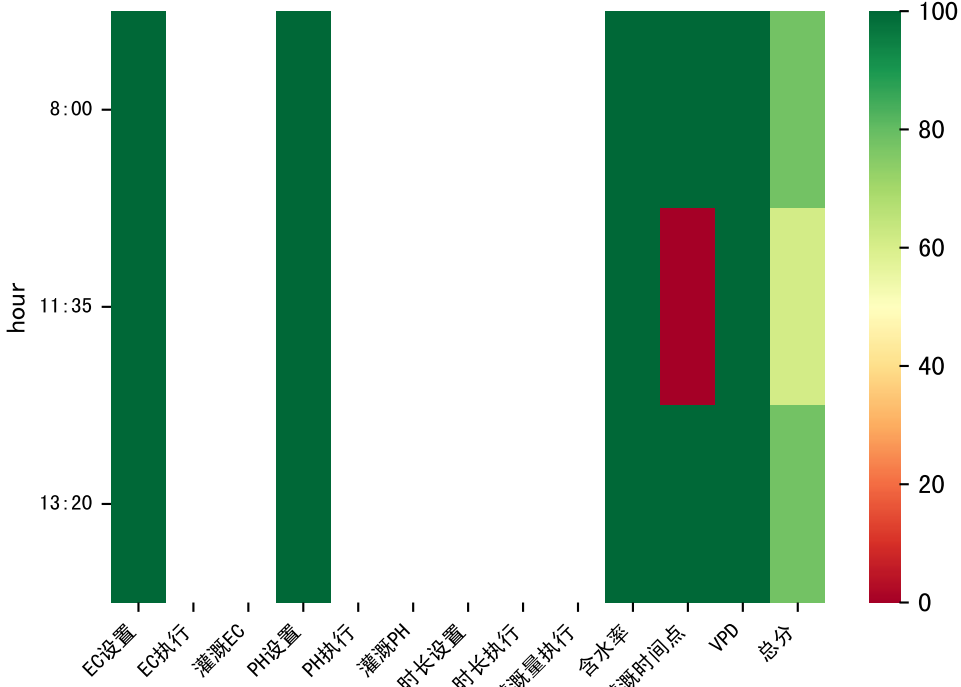
L1A2_2, Day=151.0 (2026-03-06)




hour
8:00
11:45
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

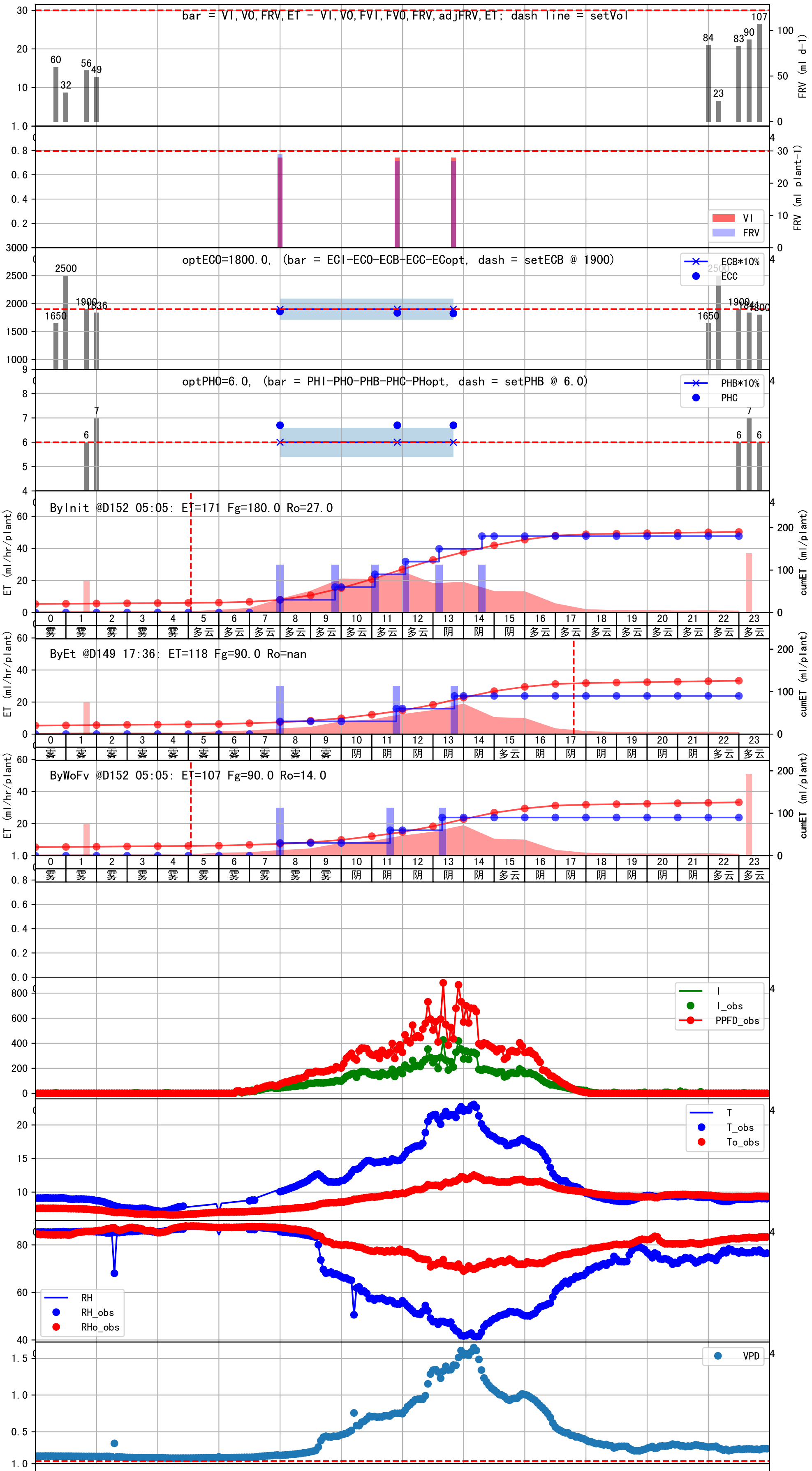
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:00	49	30.0	0.122	雾	假设@08:00 自动（未用传感器）
11:45	49	30.0	0.122	雾	假设@11:45 自动（未用传感器）
总计	98.0 (2次)	60.0			建议进液EC：1900， PH：6.0

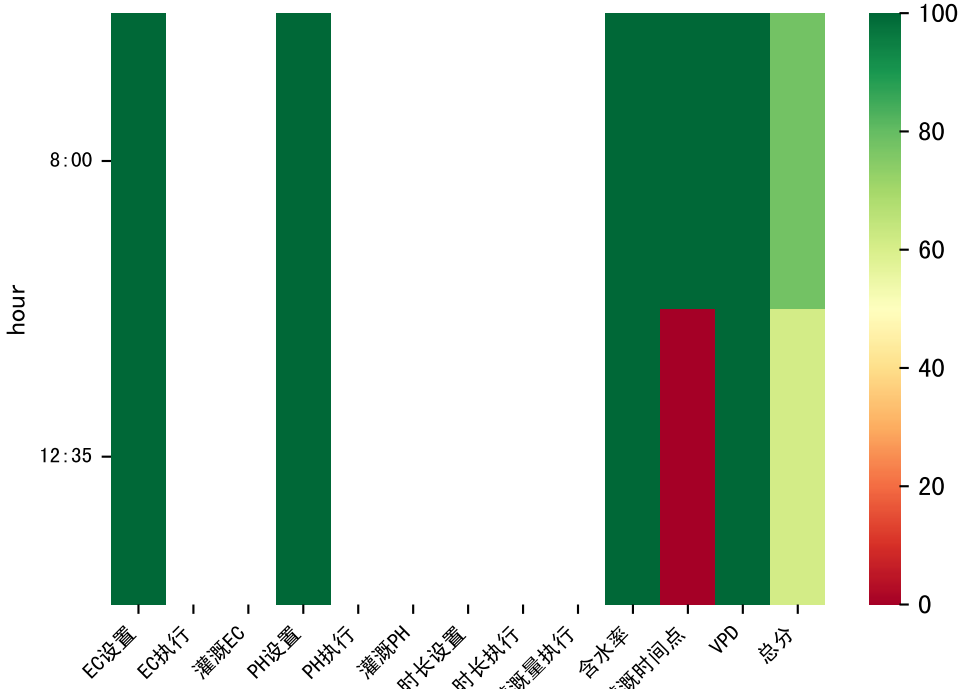
L1A2_2, Day=150.0 (2026-03-05)


hour
8:00
11:35
13:20
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
08:00	49	30.0	0.122	雾	假设@08:00 自动（未用传感器）
11:35	49	30.0	0.122	阴	假设@11:35 自动（未用传感器）
13:20	49	30.0	0.122	阴	假设@13:20 自动（未用传感器）
总计	147.0 (3次)	90.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=149.0 (2026-03-04)




hour
8:00
12:35
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
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
08:00	49	30.0	0.122	雾	假设@08:00 自动（未用传感器）
12:35	49	30.0	0.122	雾	假设@12:35 自动（未用传感器）
总计	98.0 (2次)	60.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=148.0 (2026-03-03)