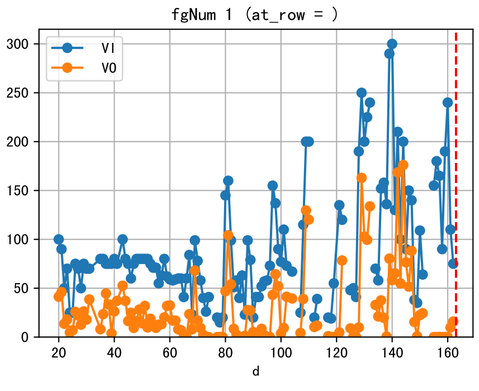
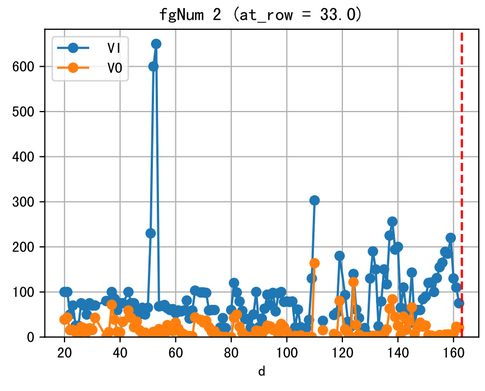
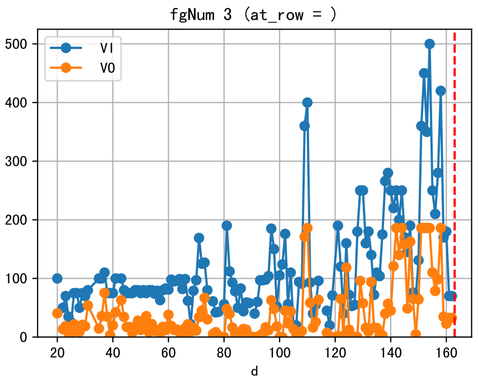
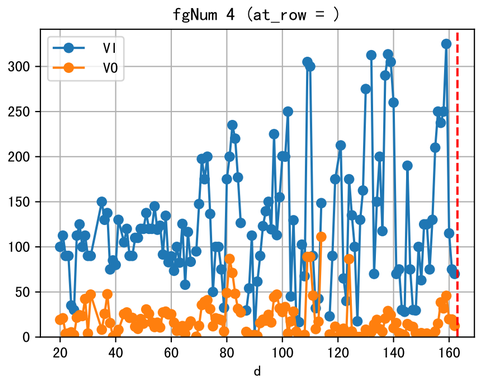
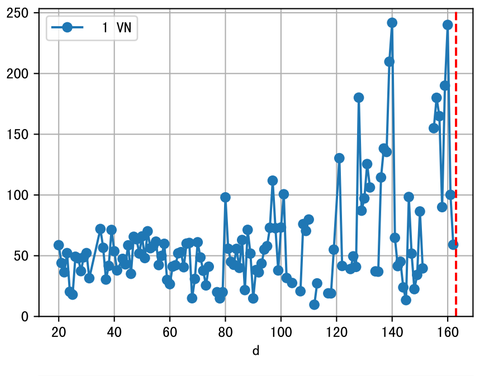
FgArea: ['2']
NJ15 L1
2026-03-18 (Day 163)

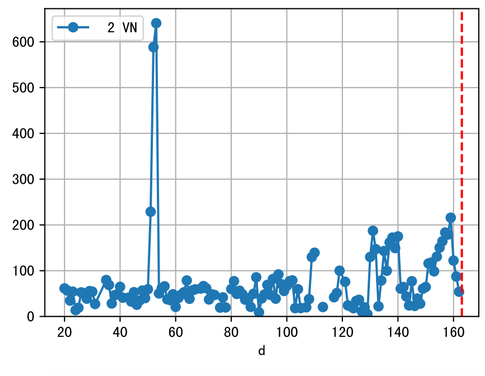

fgNum 1 (at_row =)
VI
VO
d

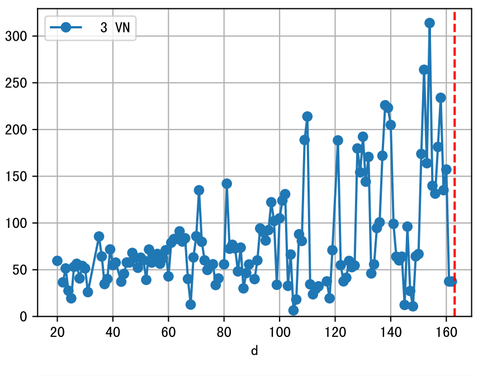

fgNum 2 (at_row = 33.0)
VI
VO
d

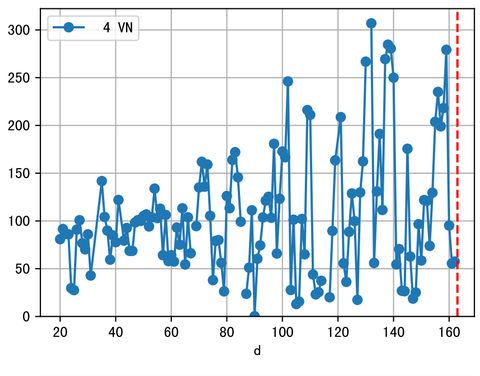

fgNum 3 (at_row =)
VI
VO
d

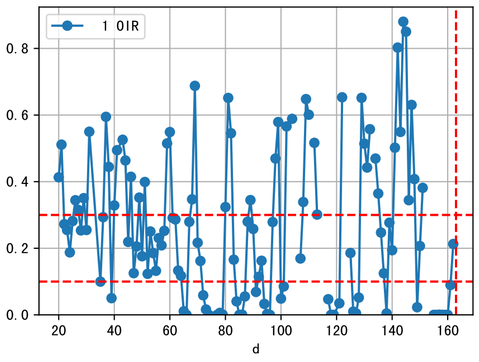

fgNum 4 (at_row =)
VI
VO
d

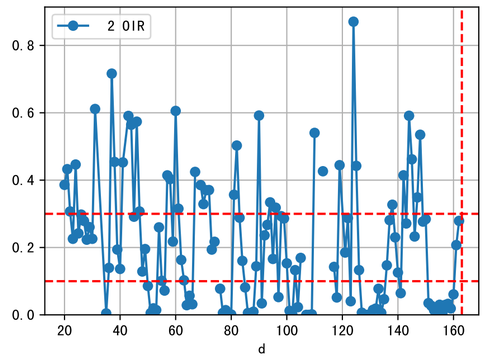

1 VN
d

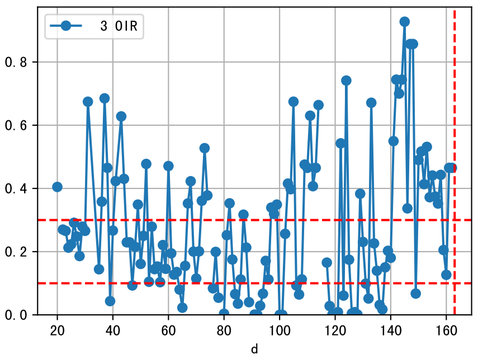

2 VN
d

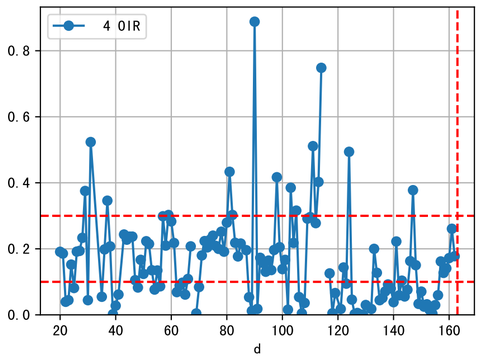

3 VN
d

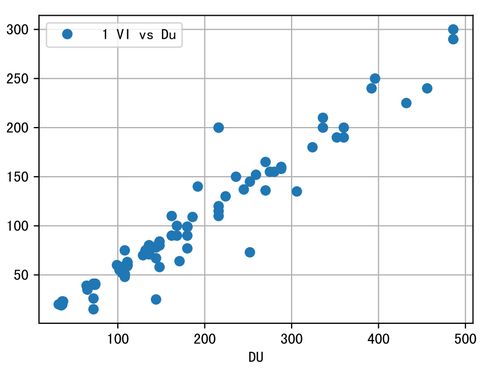

4 VN
d

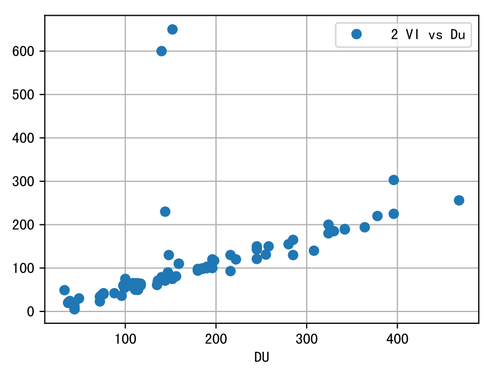

1 OIR
d

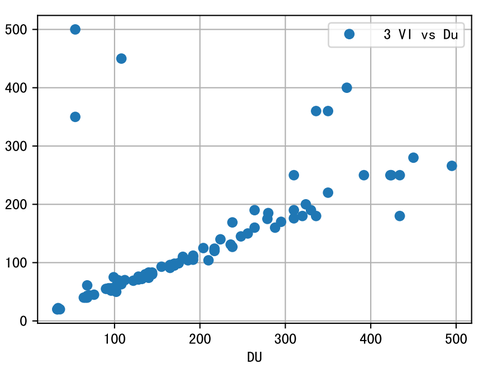

2 OIR
d

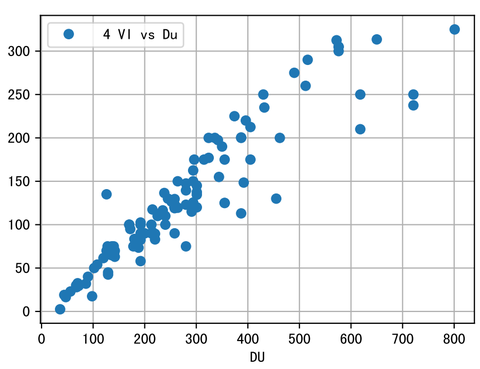

3 OIR
d

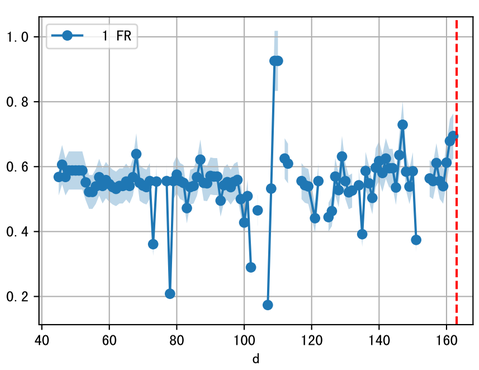

4 OIR
d

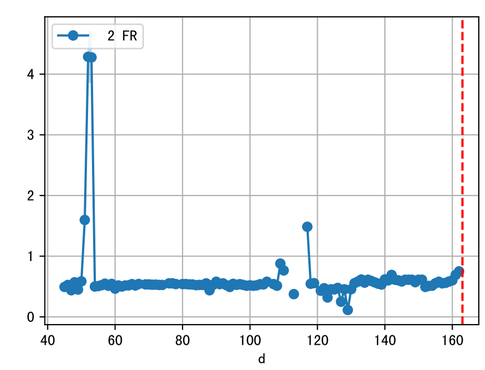

1 VI vs Du
DU

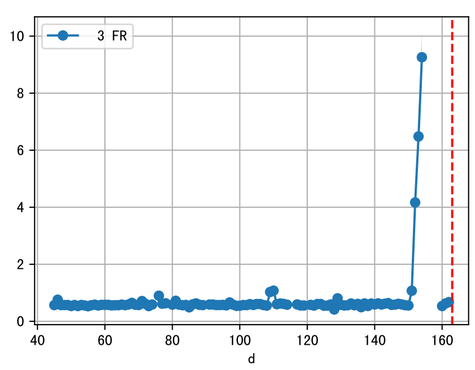

2 VI vs Du
DU

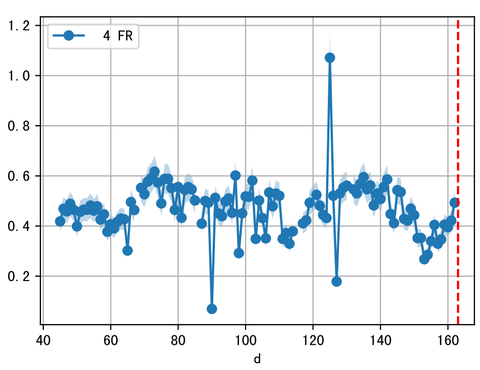

3 VI vs Du
DU

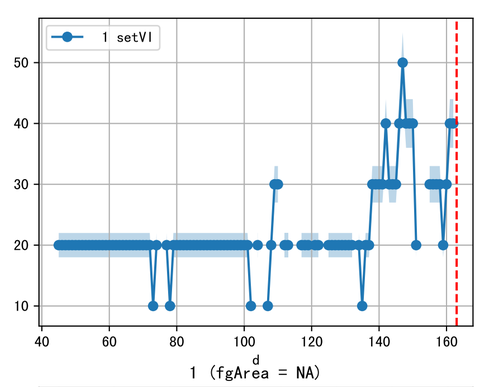

4 VI vs Du
DU

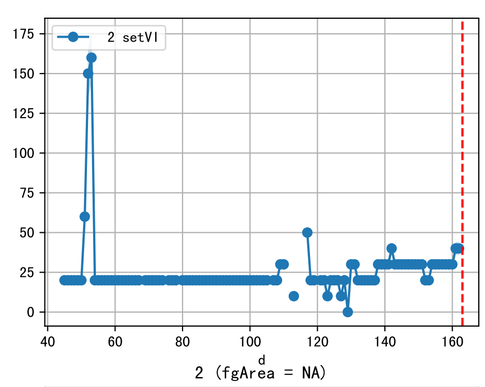

1 FR
d

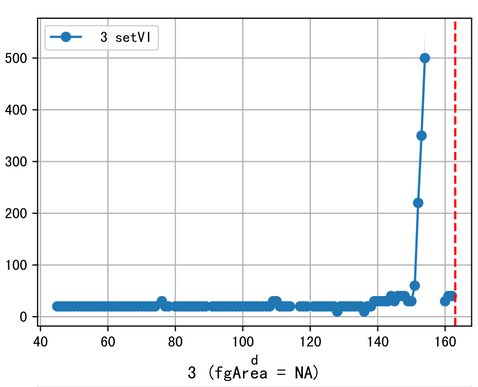

2 FR
d

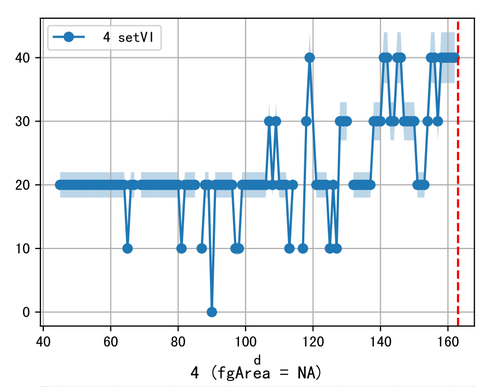

3 FR
d

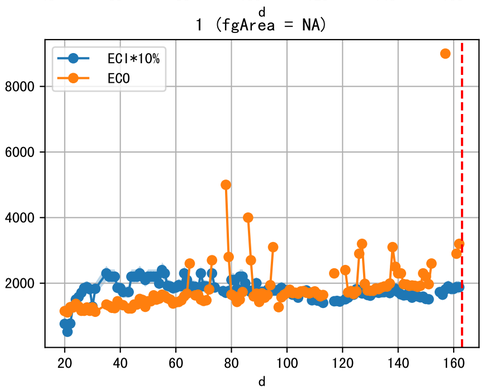

4 FR
d

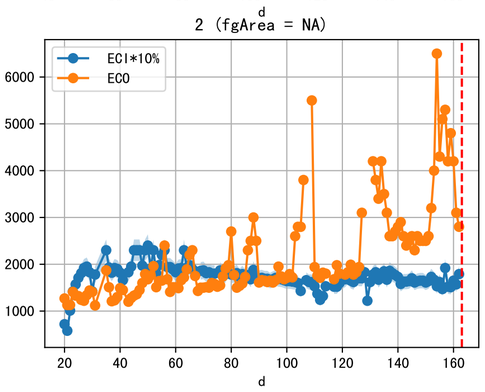

1 setVI
d

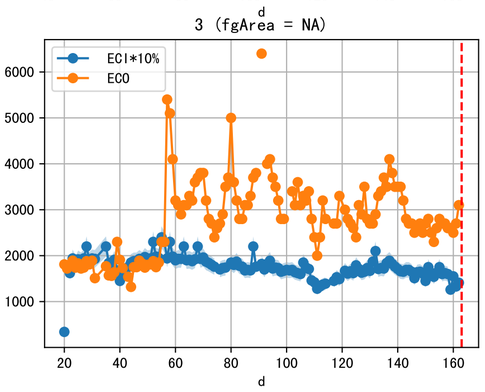

2 setVI
d

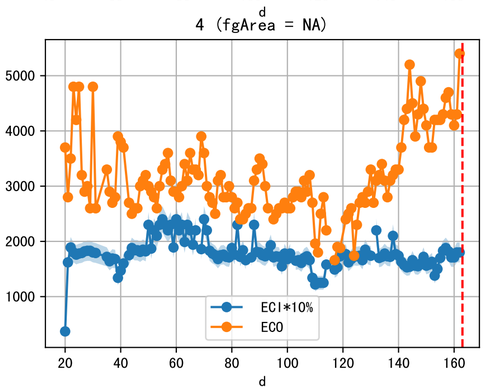

3 setVI
d

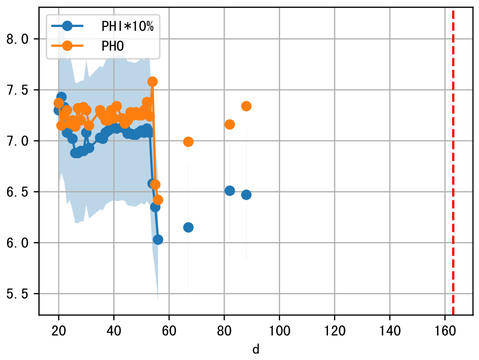

4 setVI
d

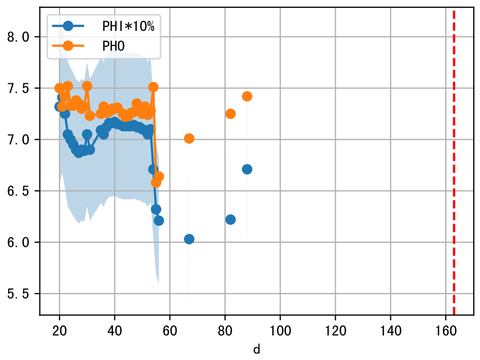

1 (fgArea = NA)
ECI*10%
ECO
d

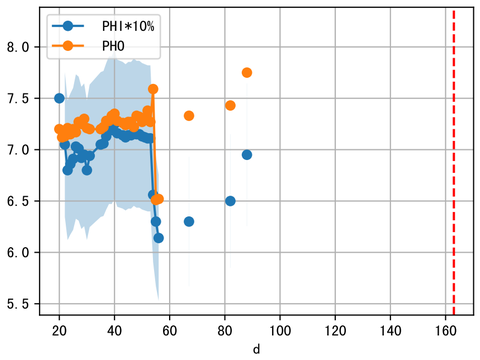

2 (fgArea = NA)
ECI*10%
ECO
d

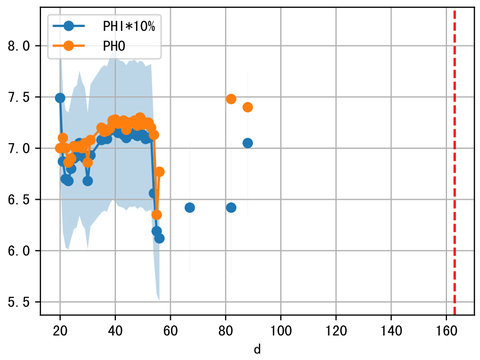

3 (fgArea = NA)
ECI*10%
ECO
d

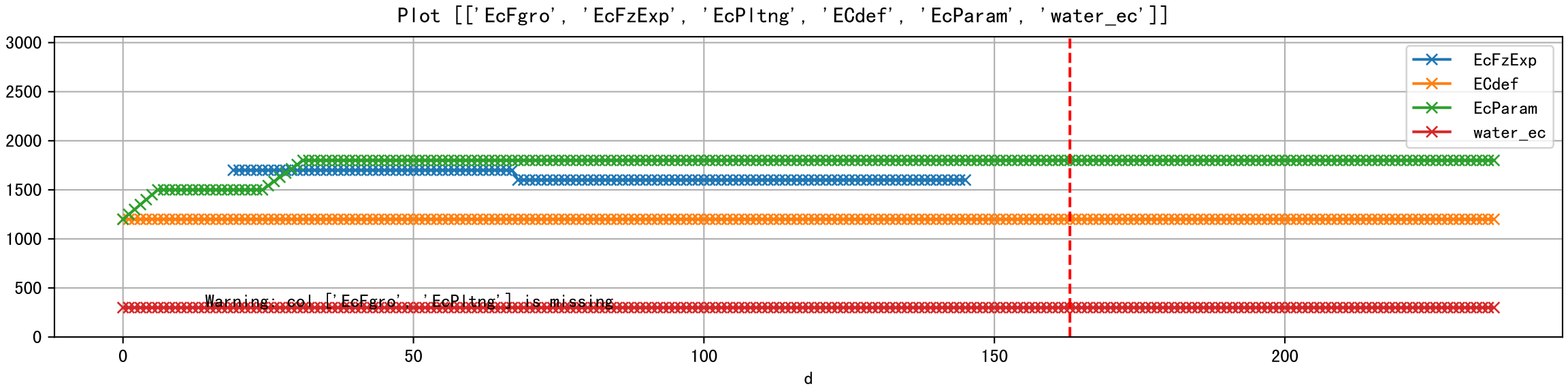

4 (fgArea = NA)
ECI*10%
ECO
d

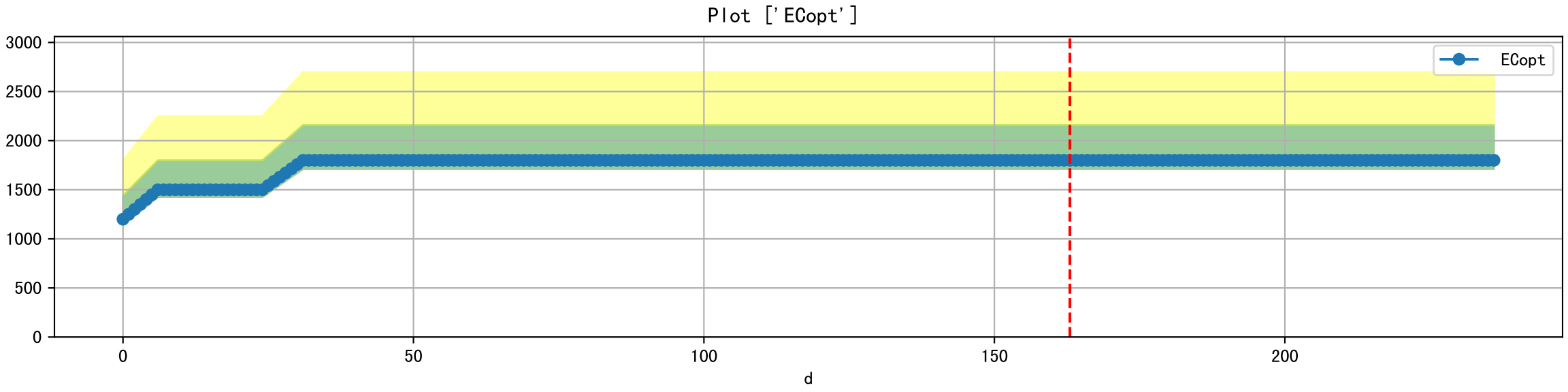

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
160
d

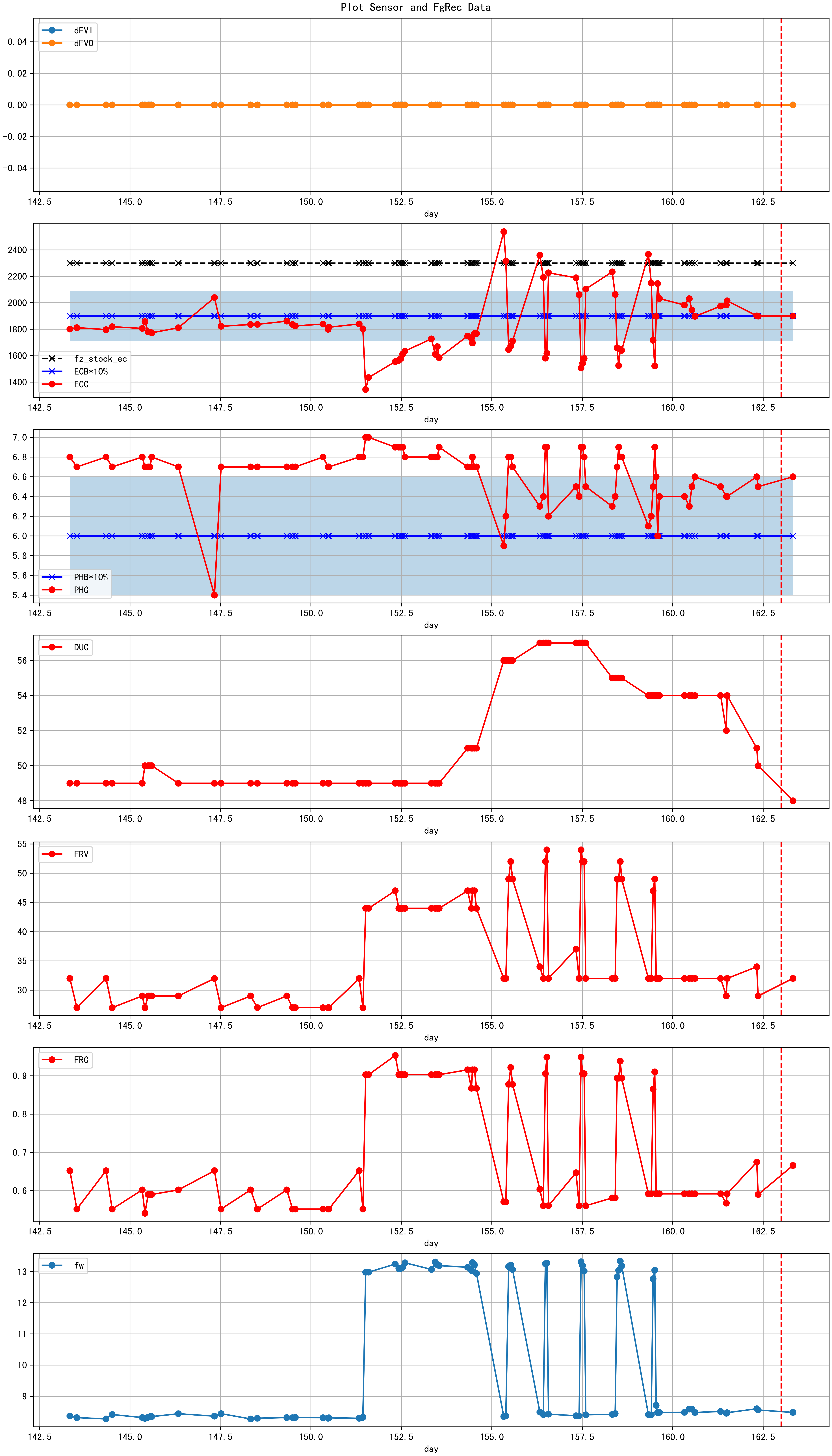

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
160
d


PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
160
d

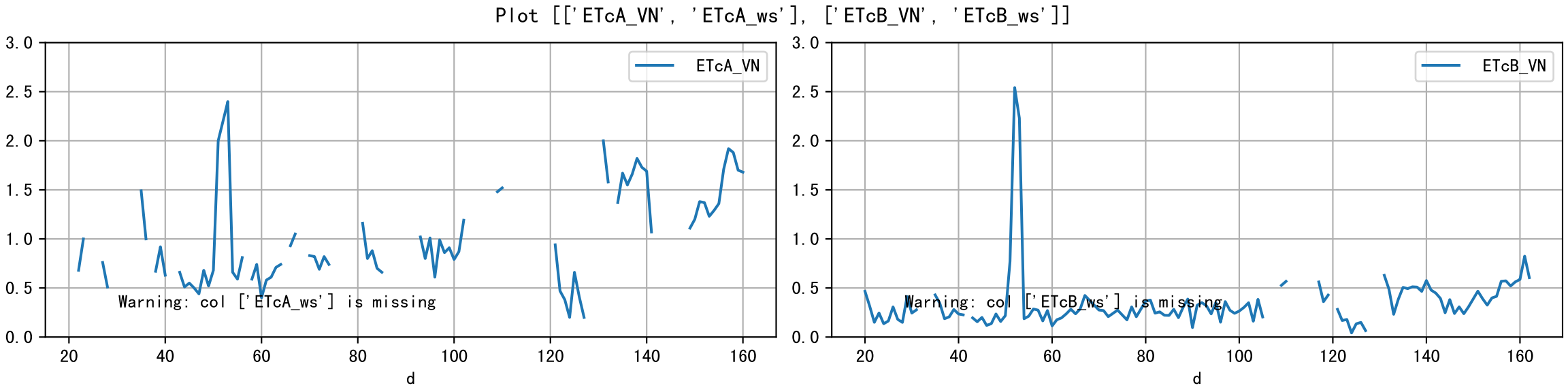

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
160
d

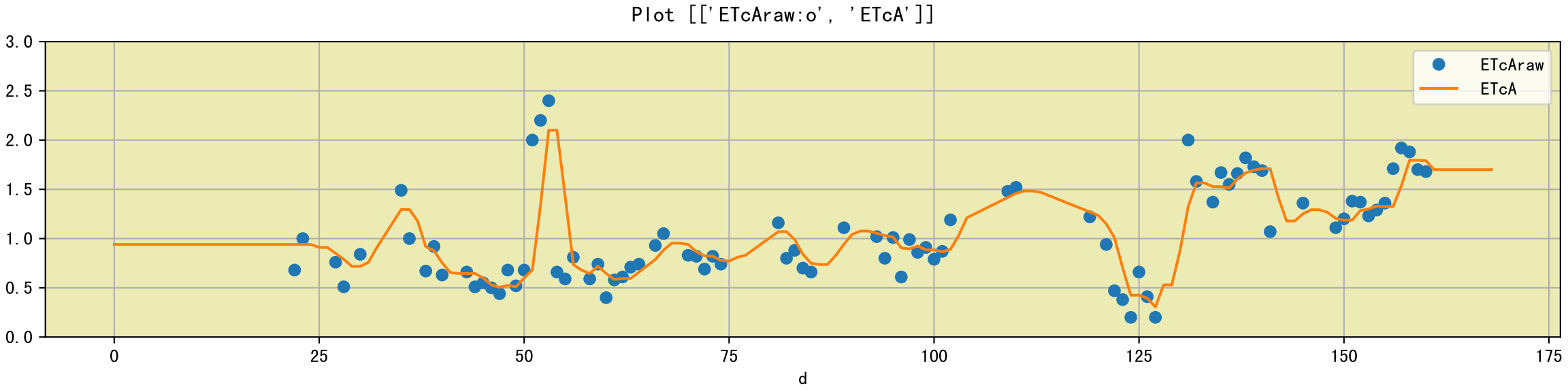

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

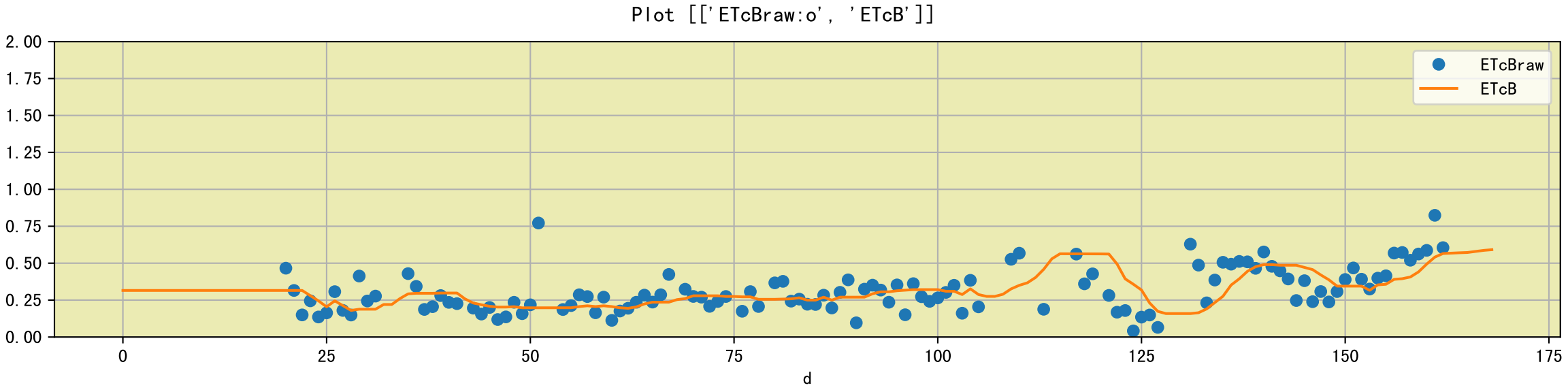

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d



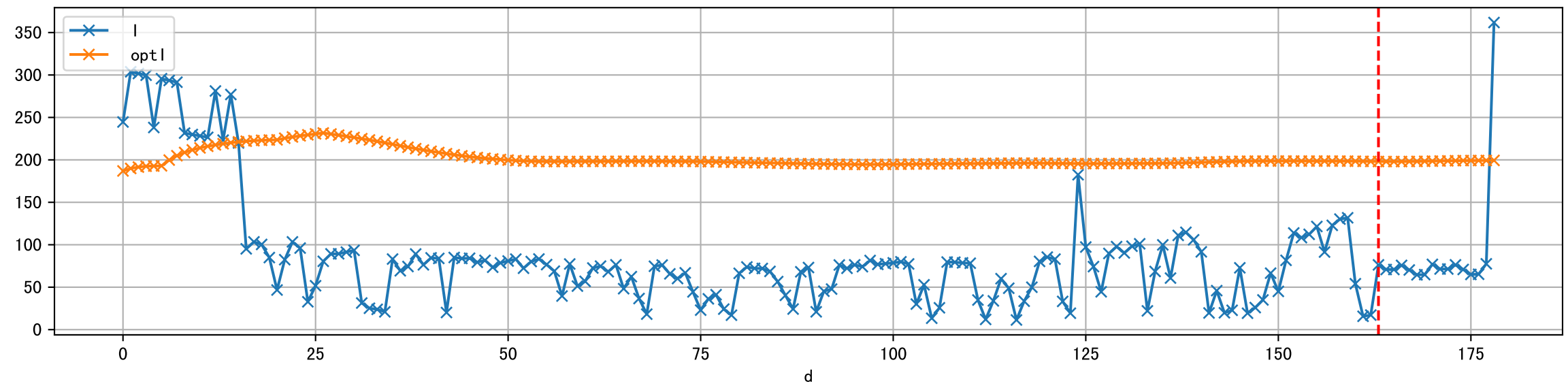
Plot Sensor and FgRec Data
dFVI
dFVO
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
fw
day

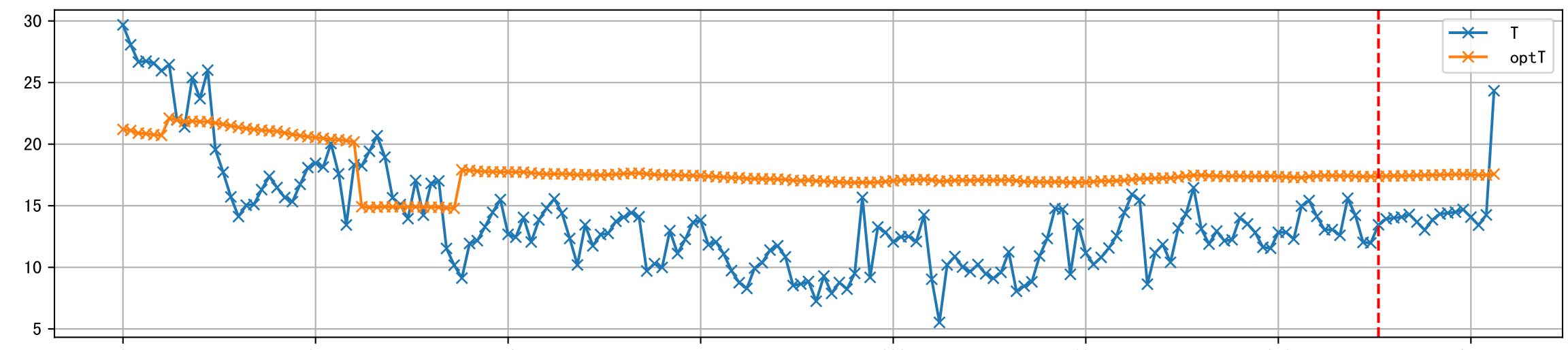

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

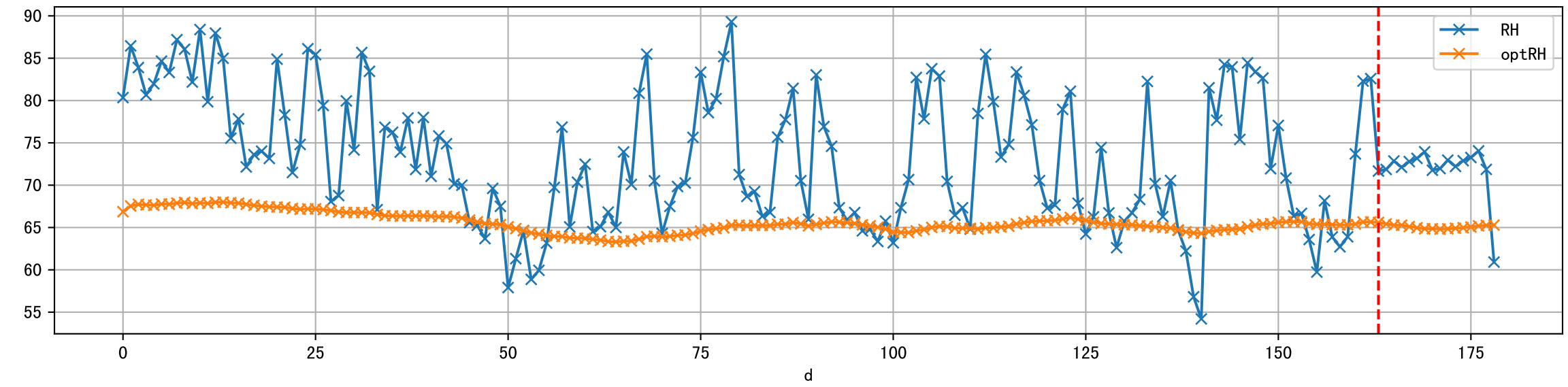

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
150
175
d
ETcAraw
ETcA

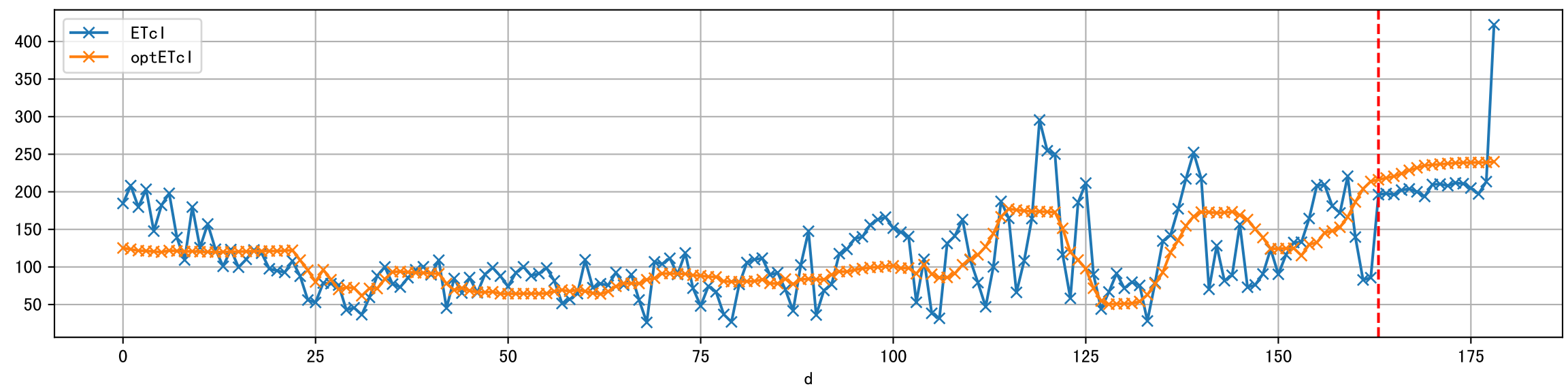

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
25
50
75
100
125
150
175
d
ETcBraw
ETcB

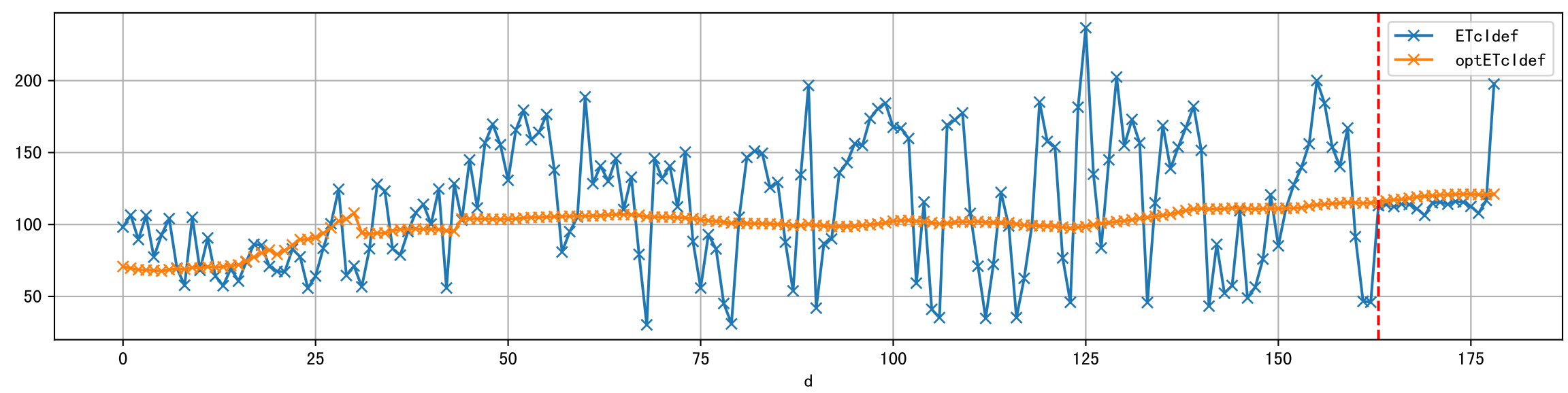
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['EToI', 'optEToI'], 'LAI', ['optEtRate', 'optEtRateDef', '

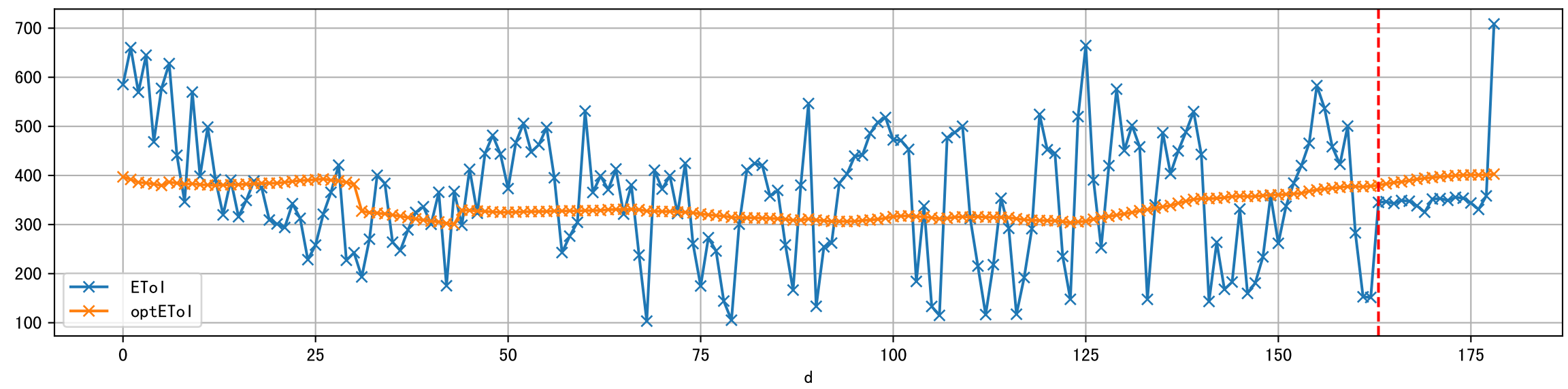


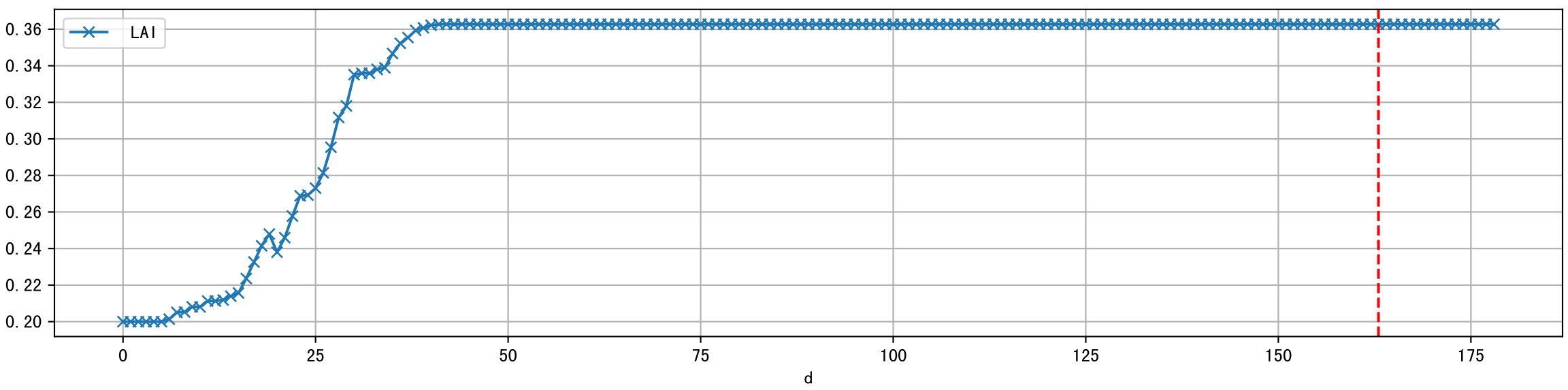


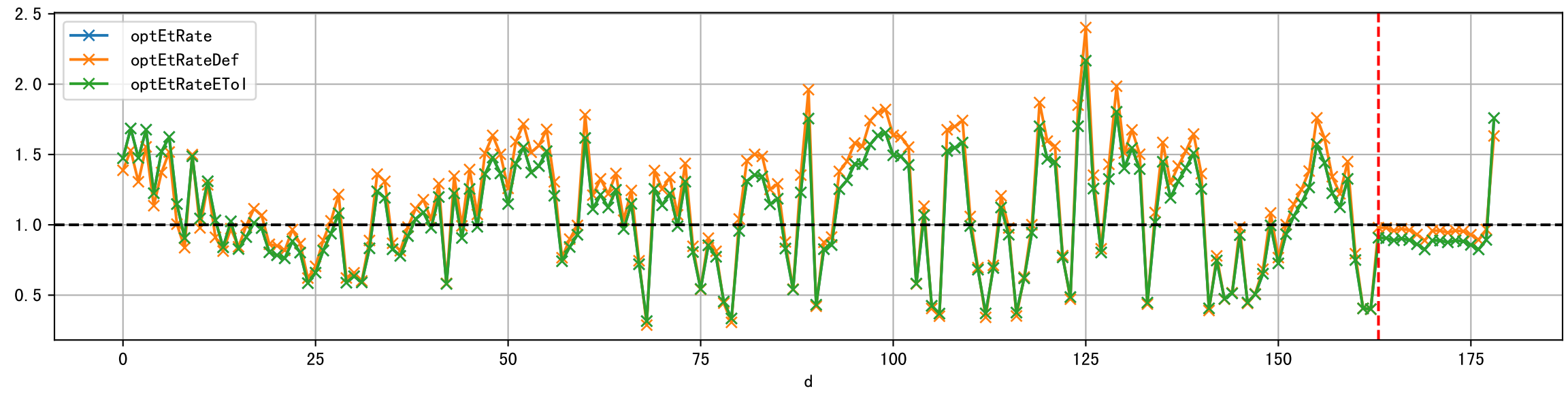


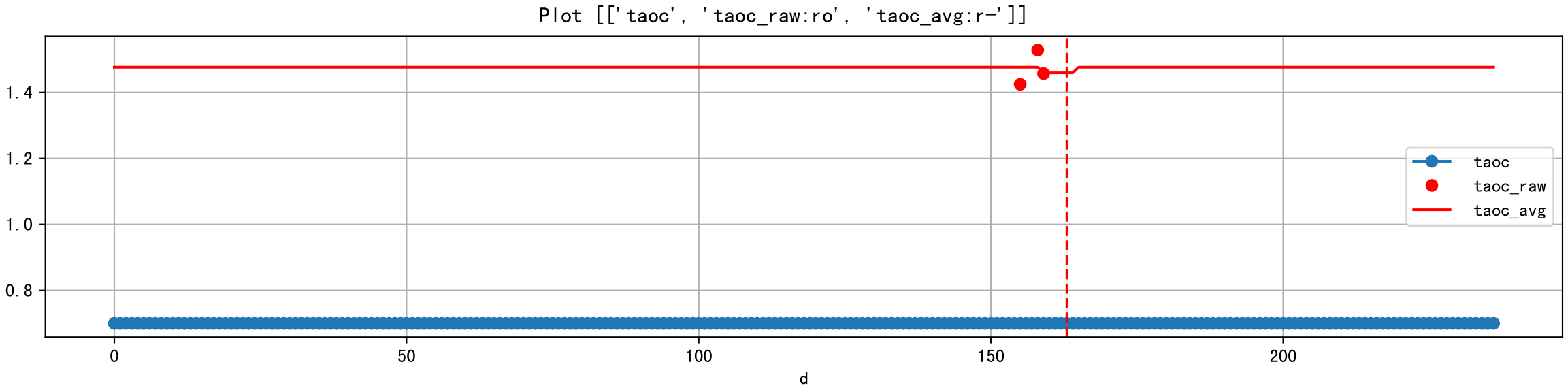


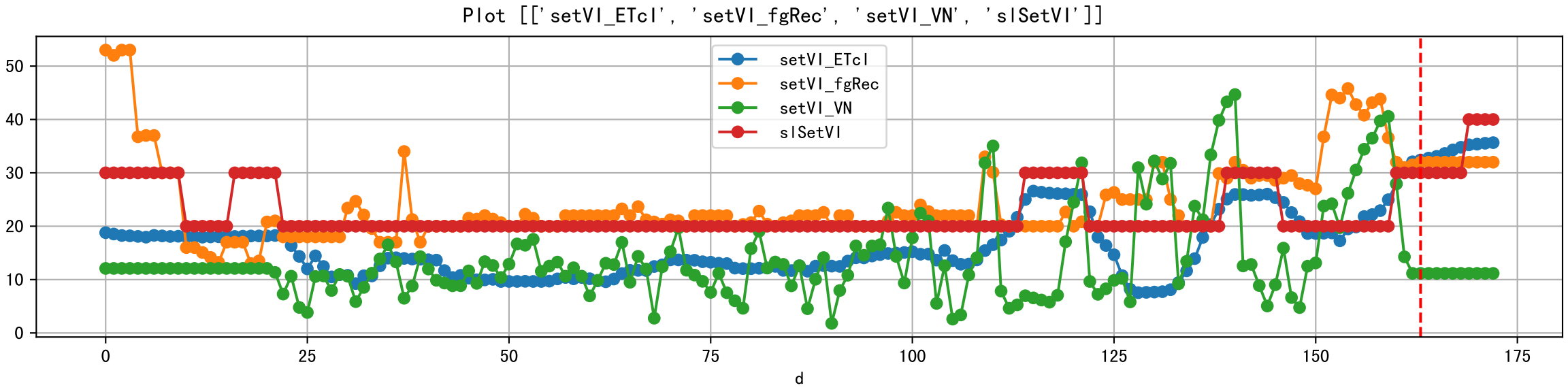


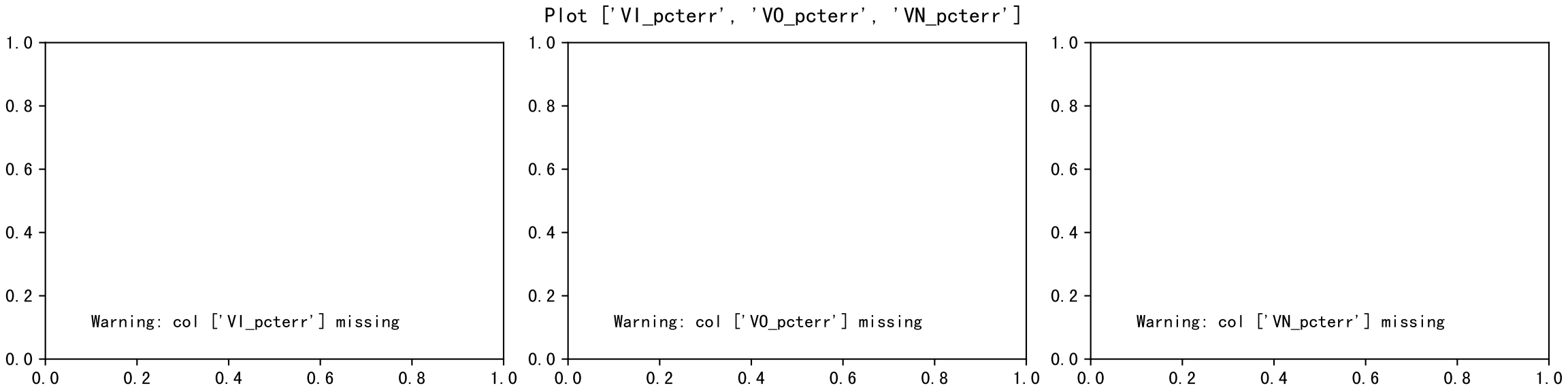


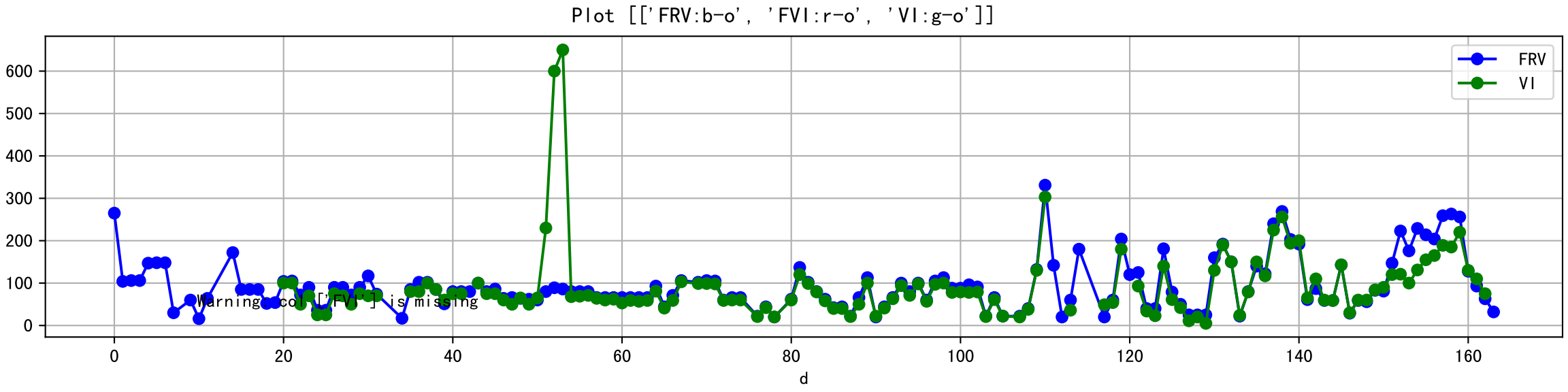


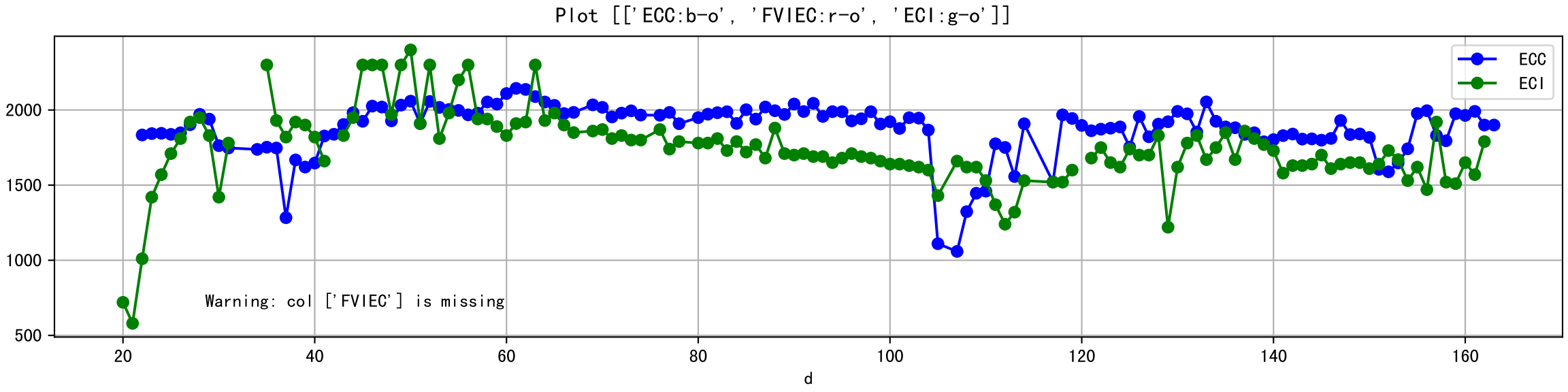


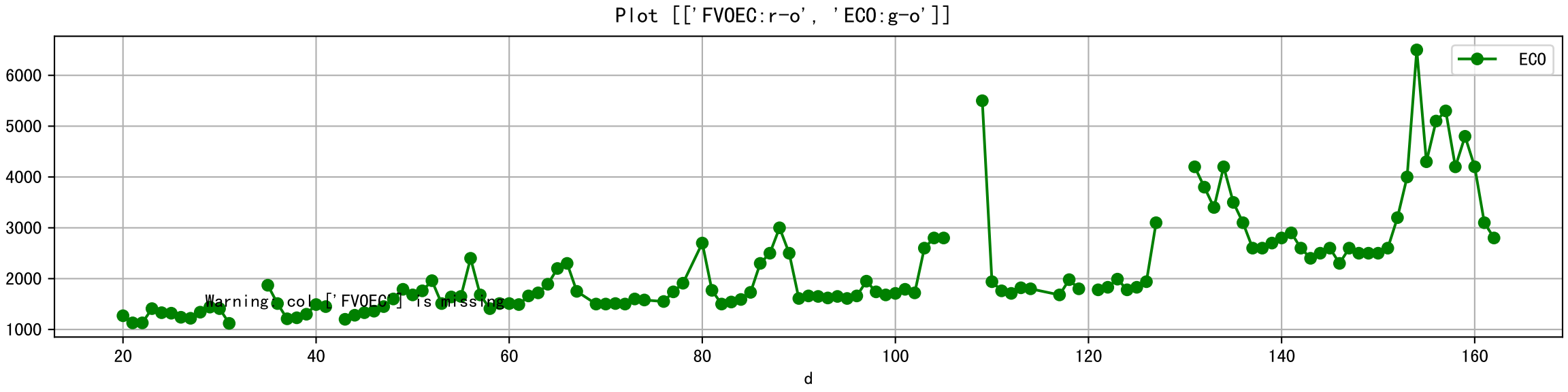

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
1.4
1.2
1.0
0.8
0
50
100
150
200
d
taoc
taoc_raw
taoc_avg

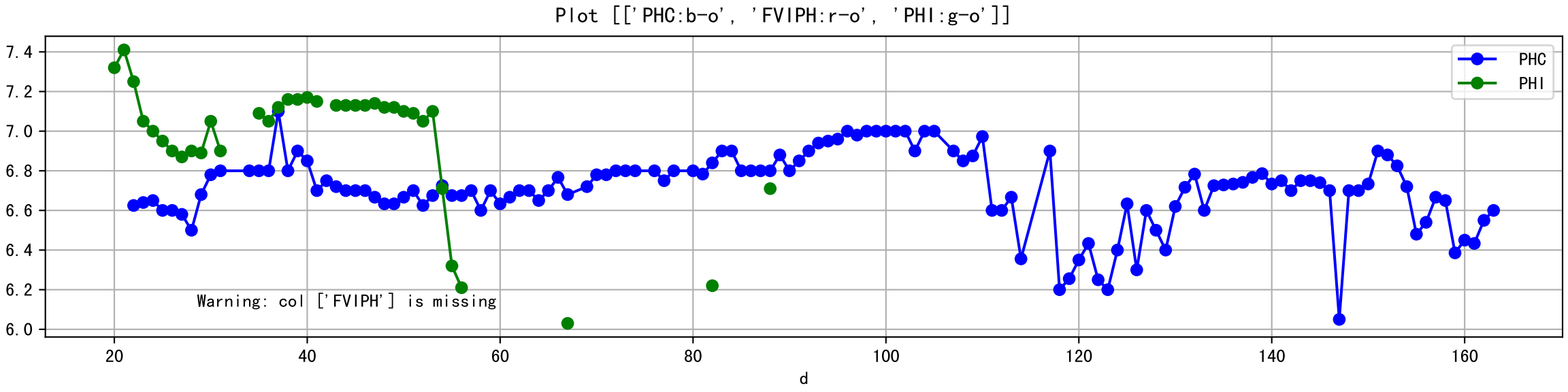

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
25
50
75
100
125
150
175
d

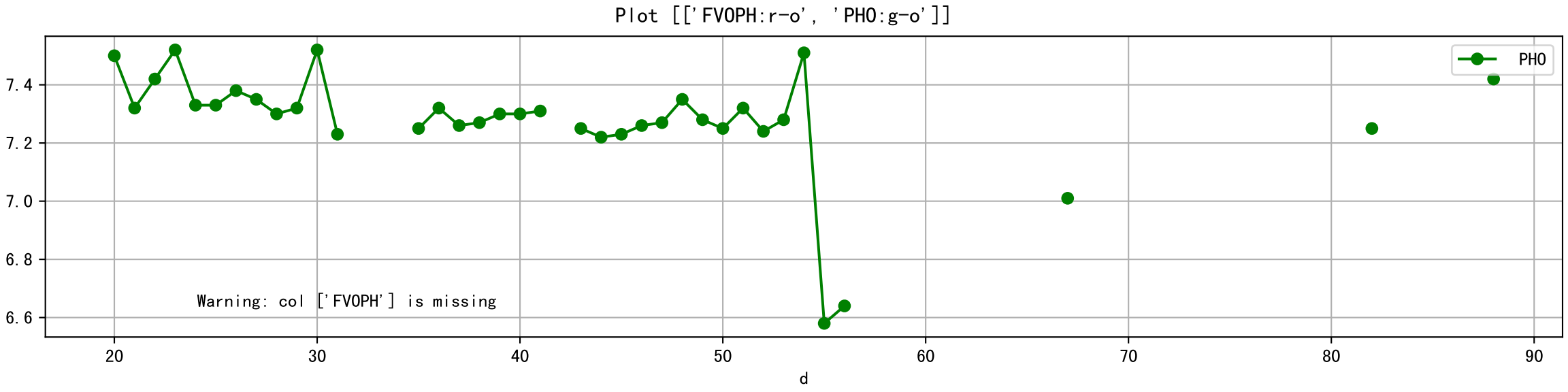

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

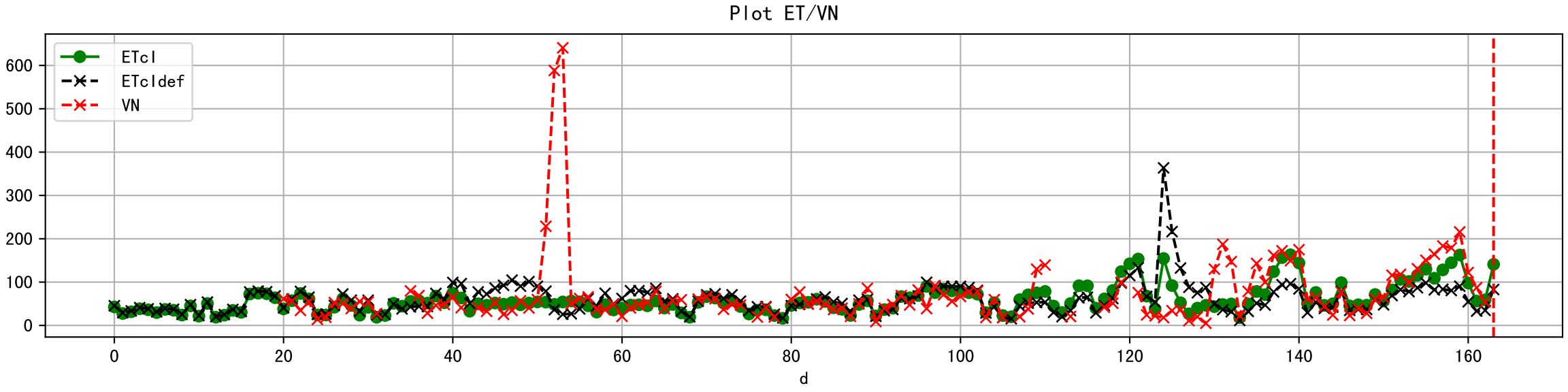

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
0
100
200
300
400
500
600
0
20
40
60
80
100
120
140
160
d


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
160
d

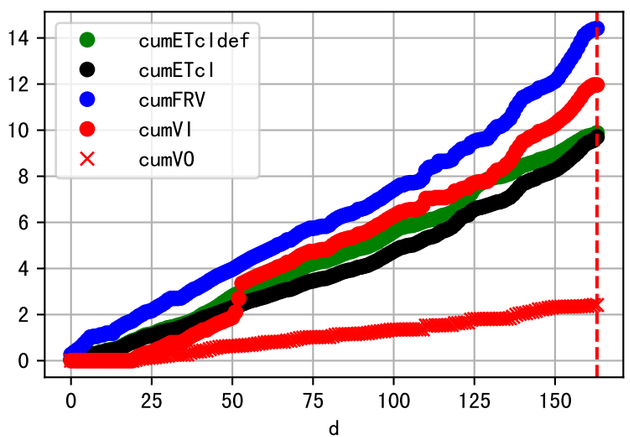

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
6000
5000
4000
3000
2000
1000
20
40
60
80
100
120
140
160
d

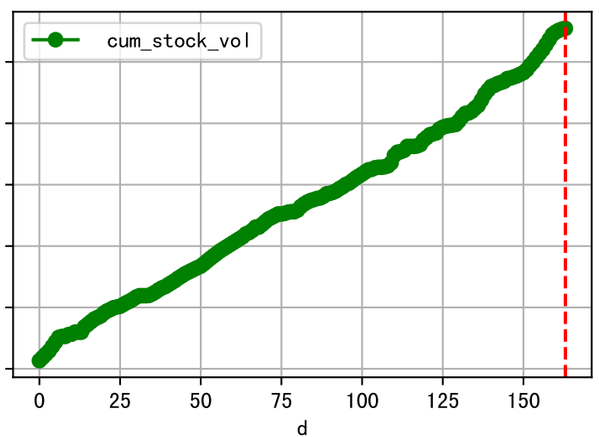

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
160
d

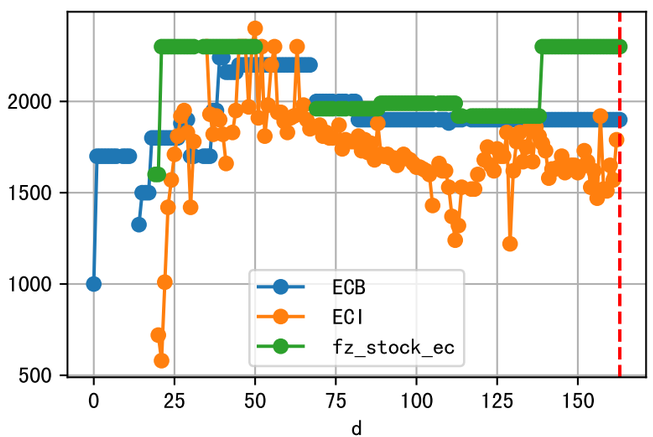

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.4
7.2
7.0
6.8
6.6
20
30
40
50
60
70
80
90
d

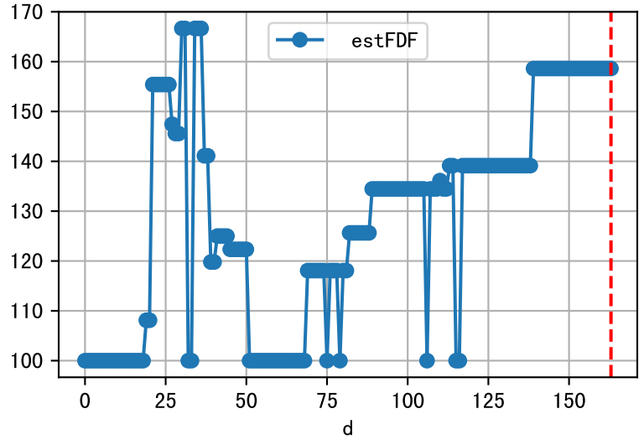

Plot ET/VN
ETcl
ETcldef
VN
600
500
400
300
200
100
0
0
20
40
60
80
100
120
140
160
d

Plot Fv and fertilizer usage

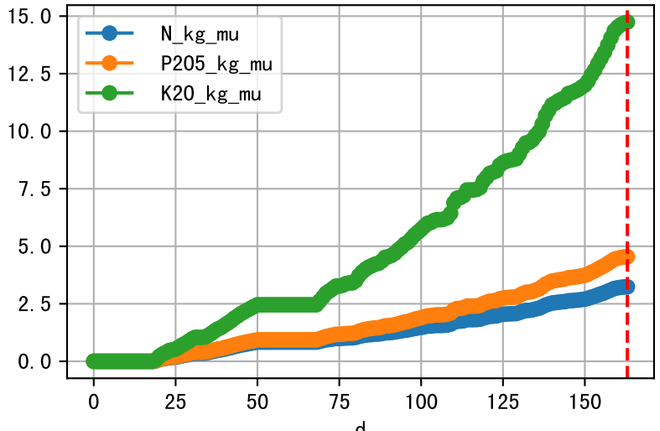


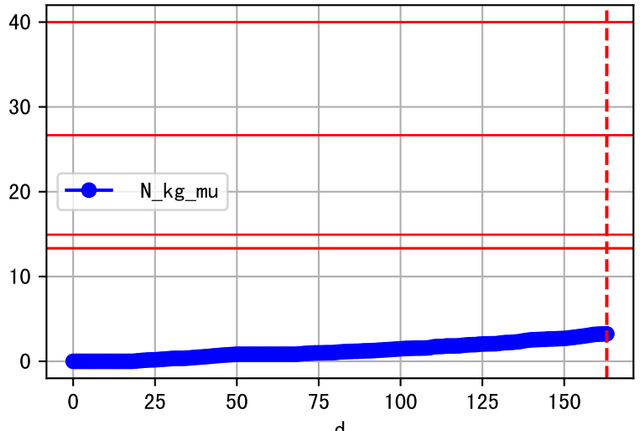


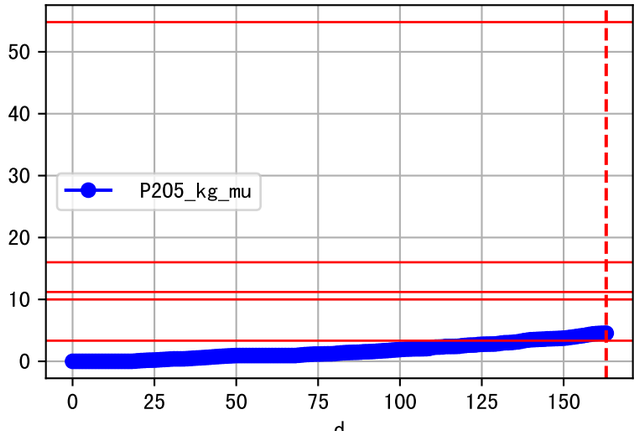


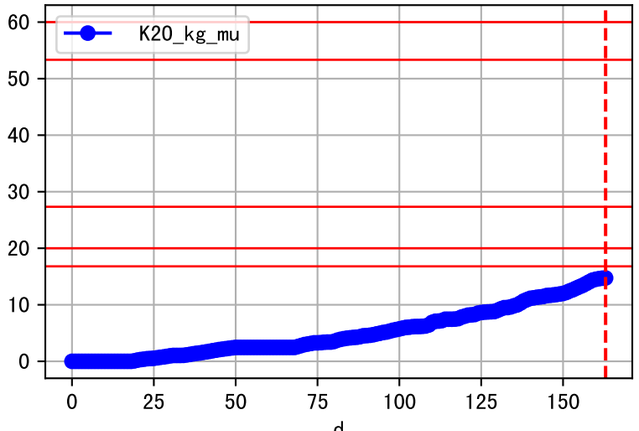


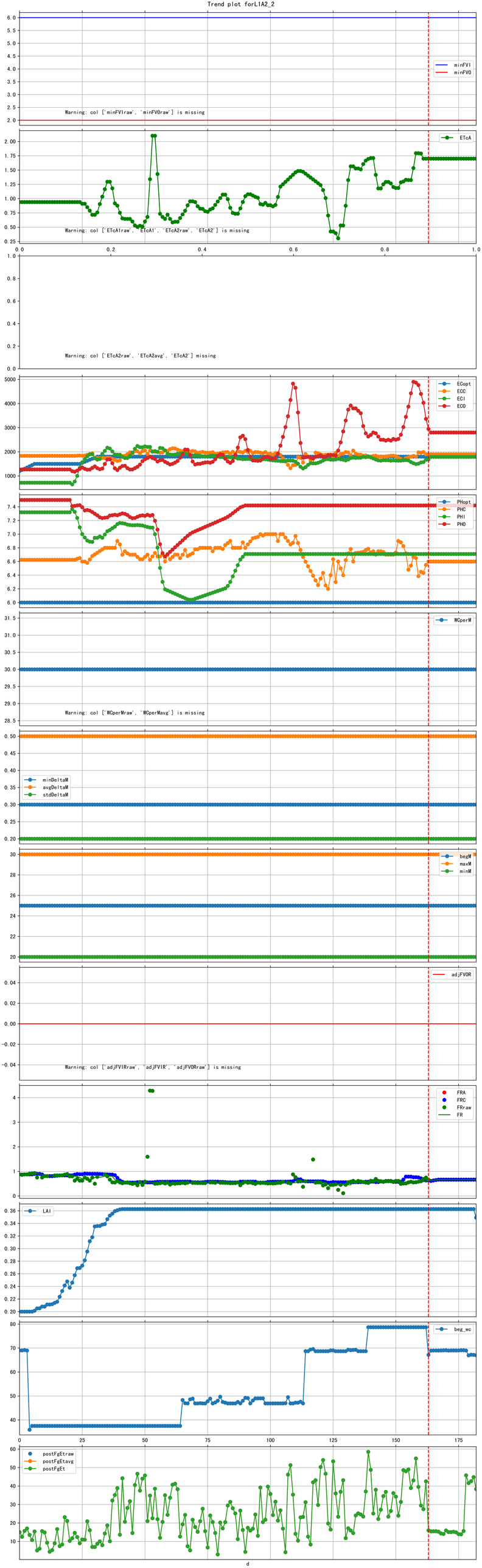
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

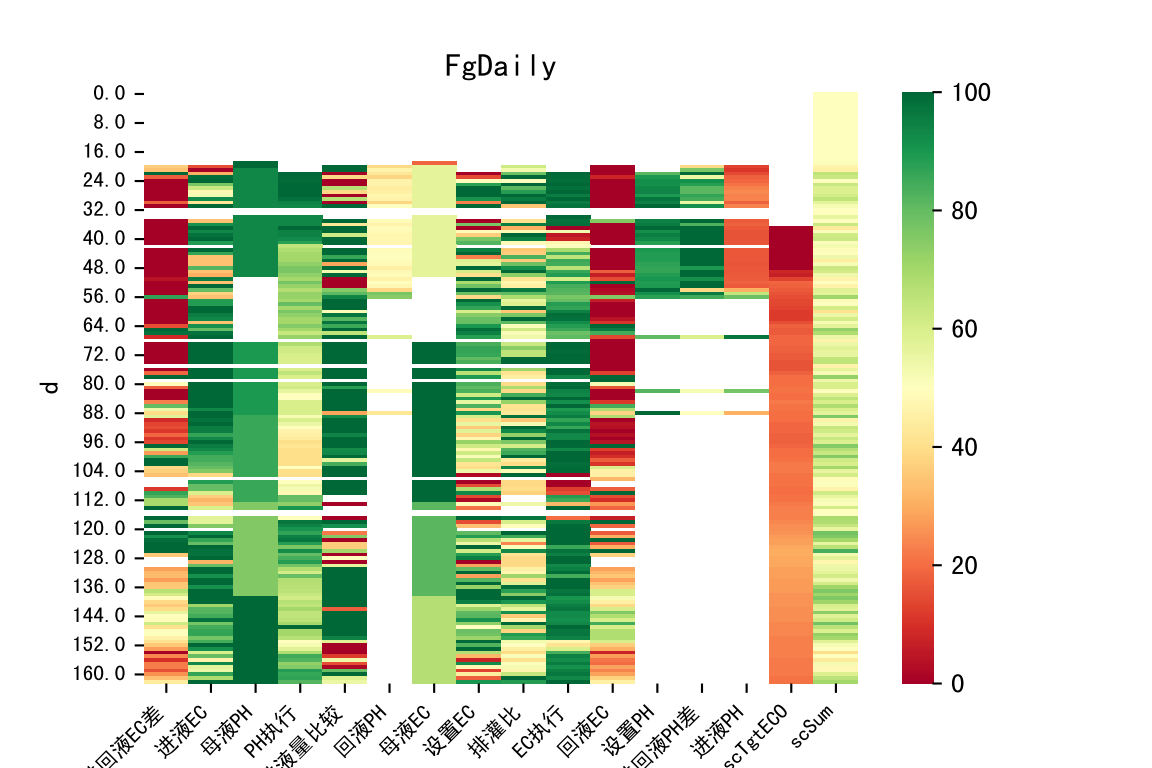




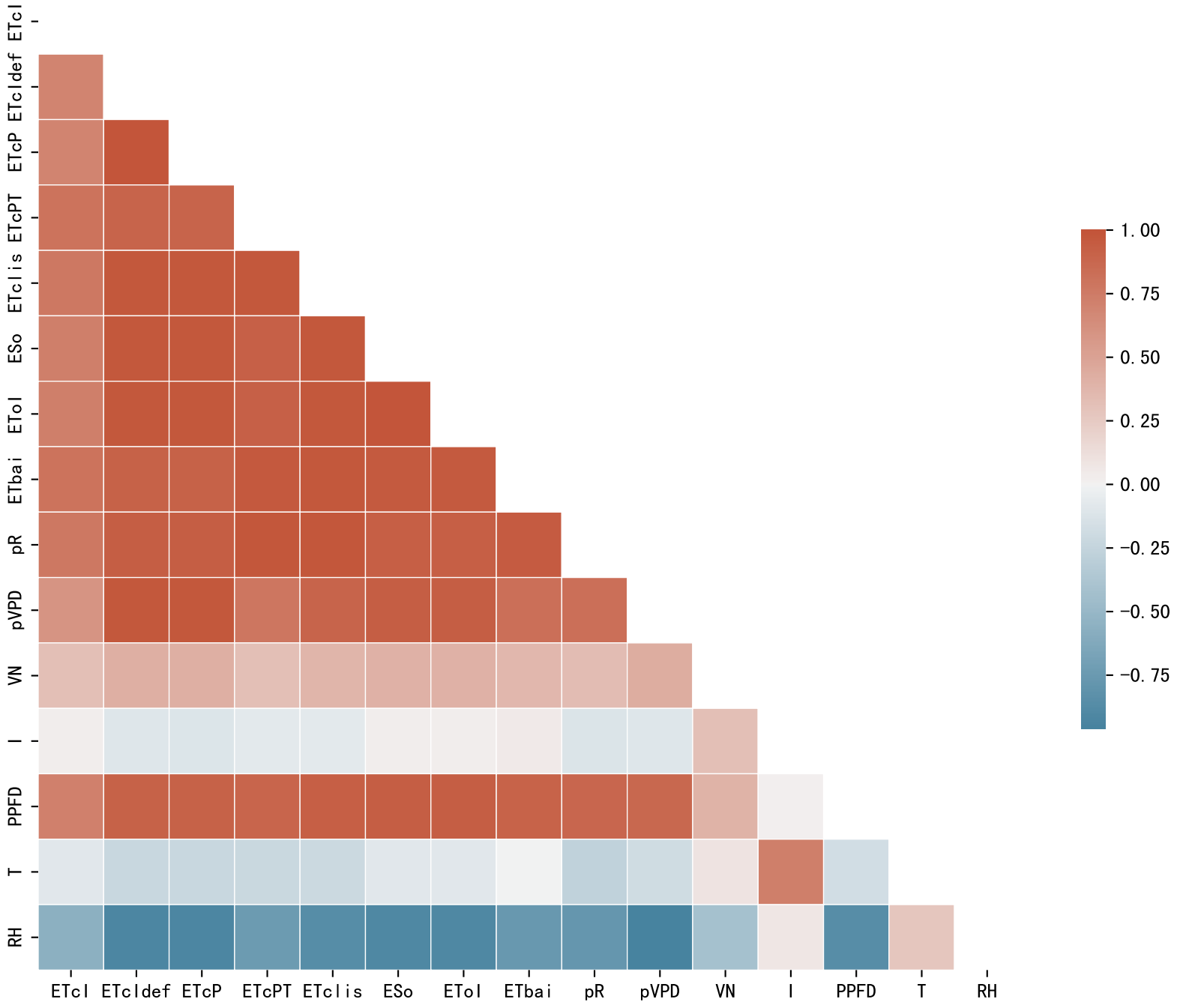


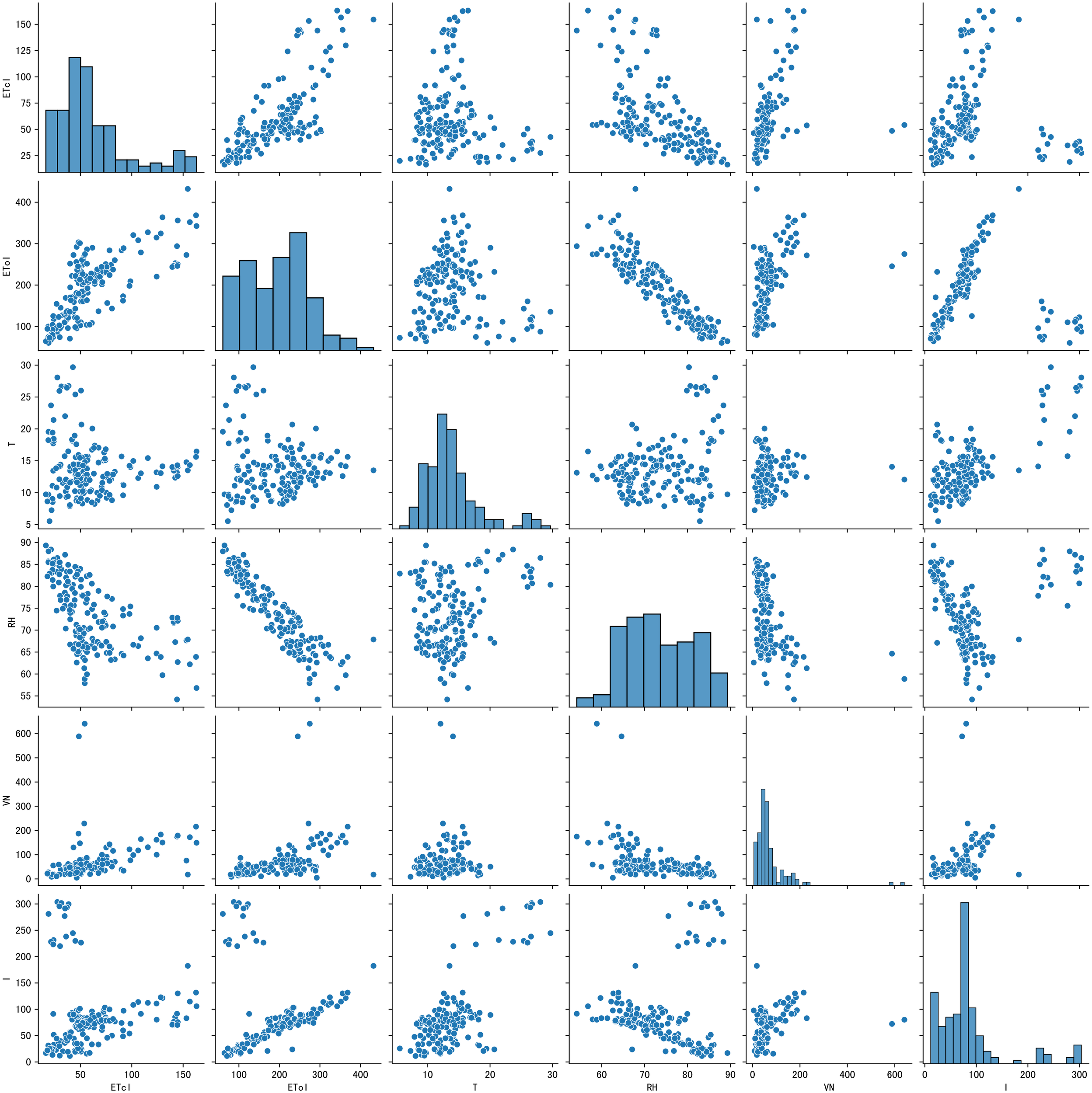


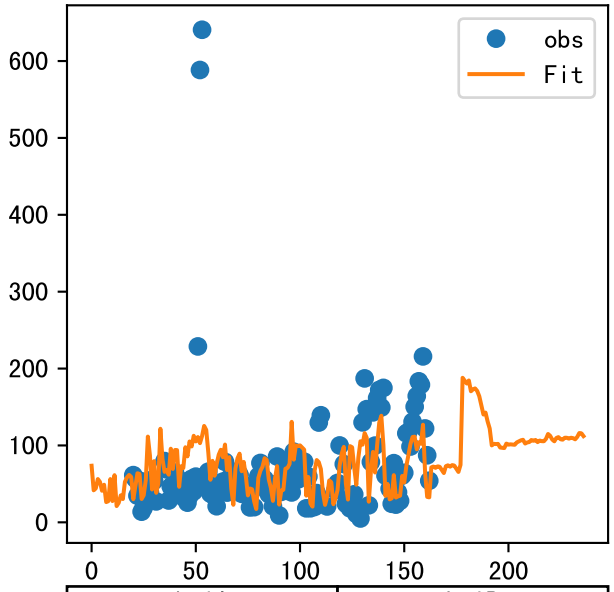

Trend plot forL1A2_2
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

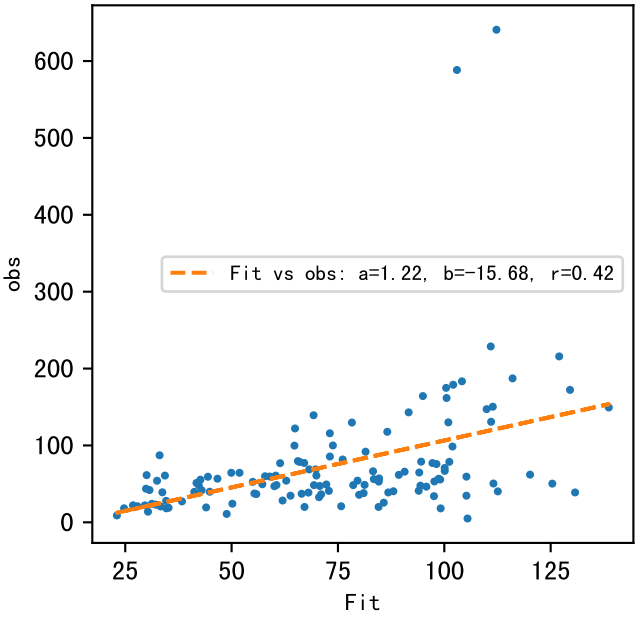

FgDaily
d
0.0
8.0
16.0
24.0
32.0
40.0
48.0
56.0
64.0
72.0
80.0
88.0
96.0
104.0
112.0
120.0
128.0
136.0
144.0
152.0
160.0
100
80
60
40
20
0
回液EC差
进液EC
母液PH
PH执行
液量比较
回液PH
母液EC
设置EC
排灌比
EC执行
回液EC
设置PH
回液PH差
进液PH
scTgtEC0
scSum

L1A2_2
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

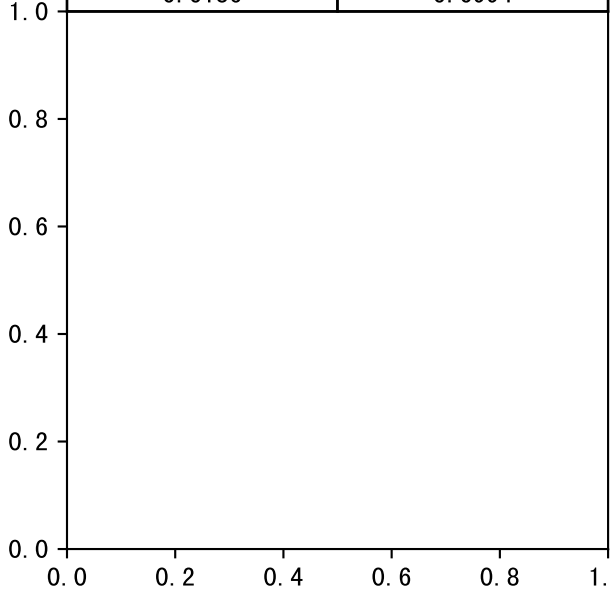

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

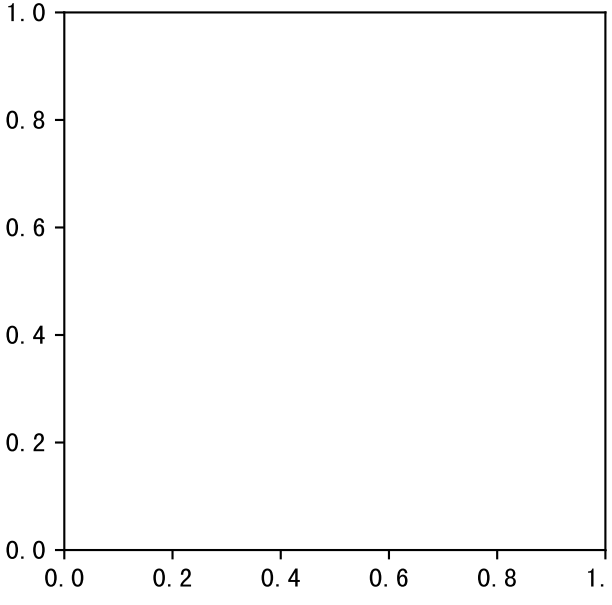

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

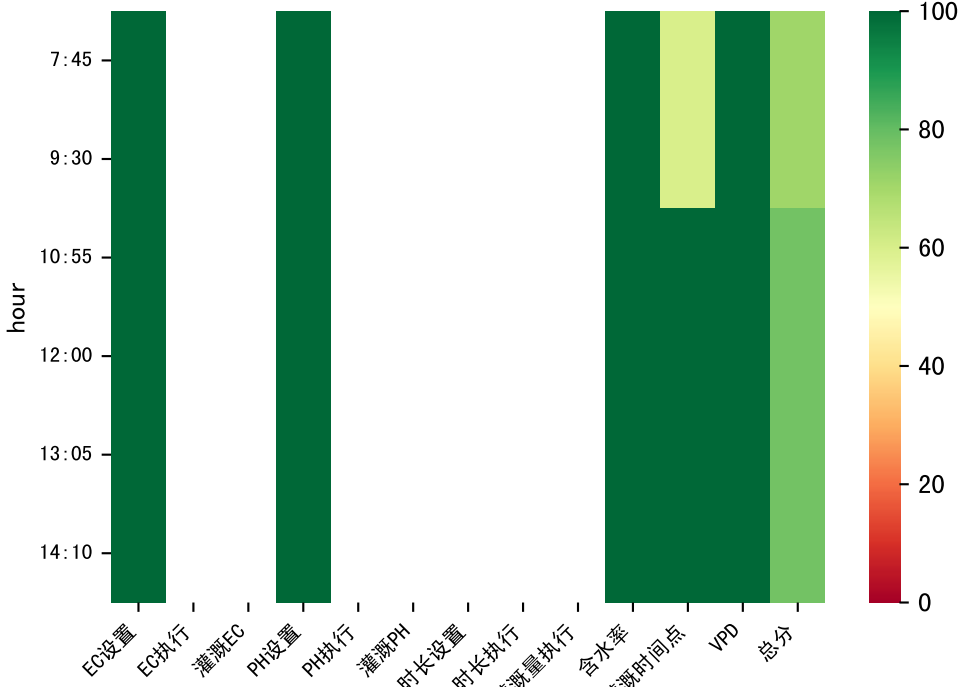




baiA	baiB
0.0136	0.0994

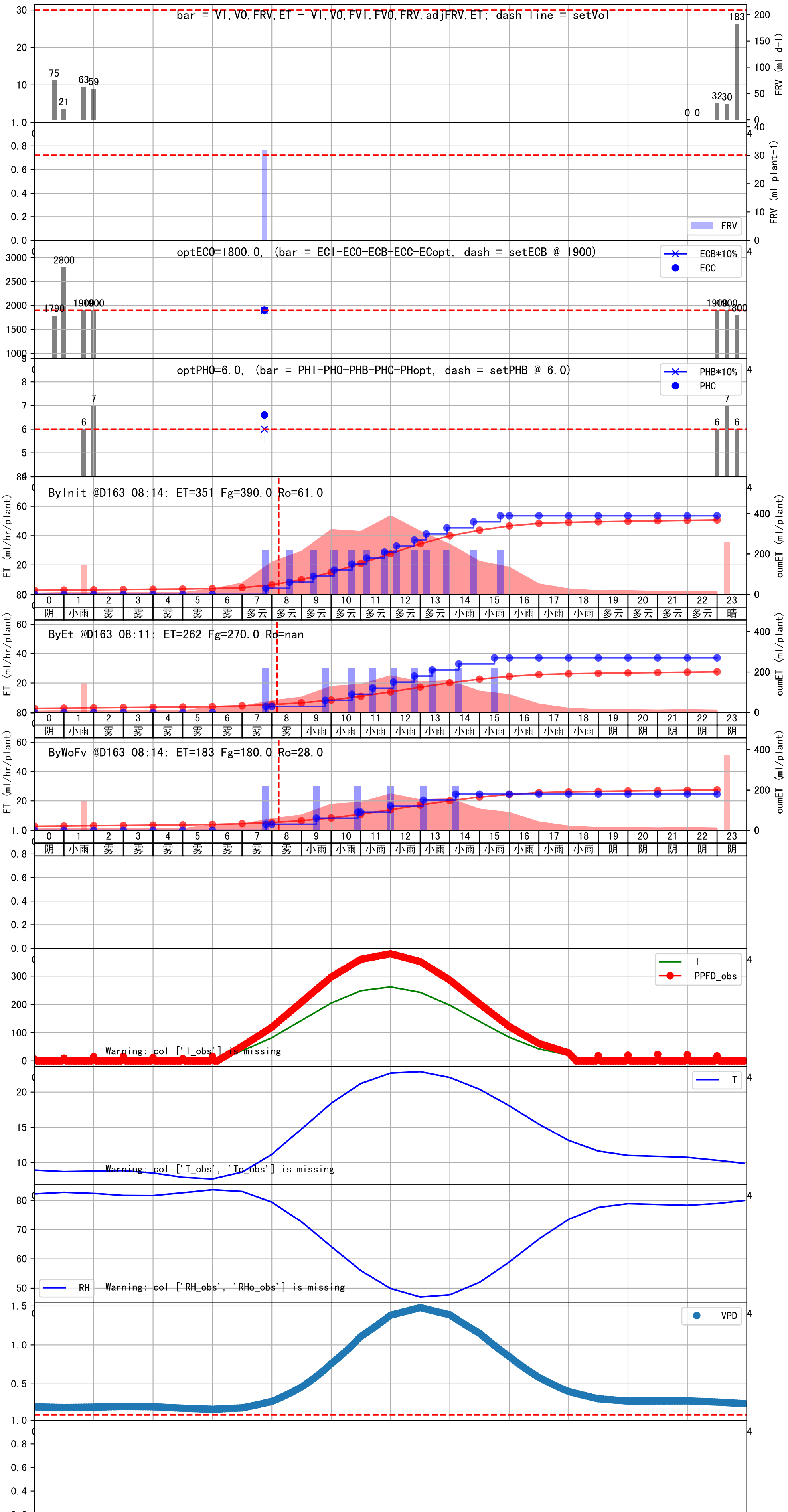


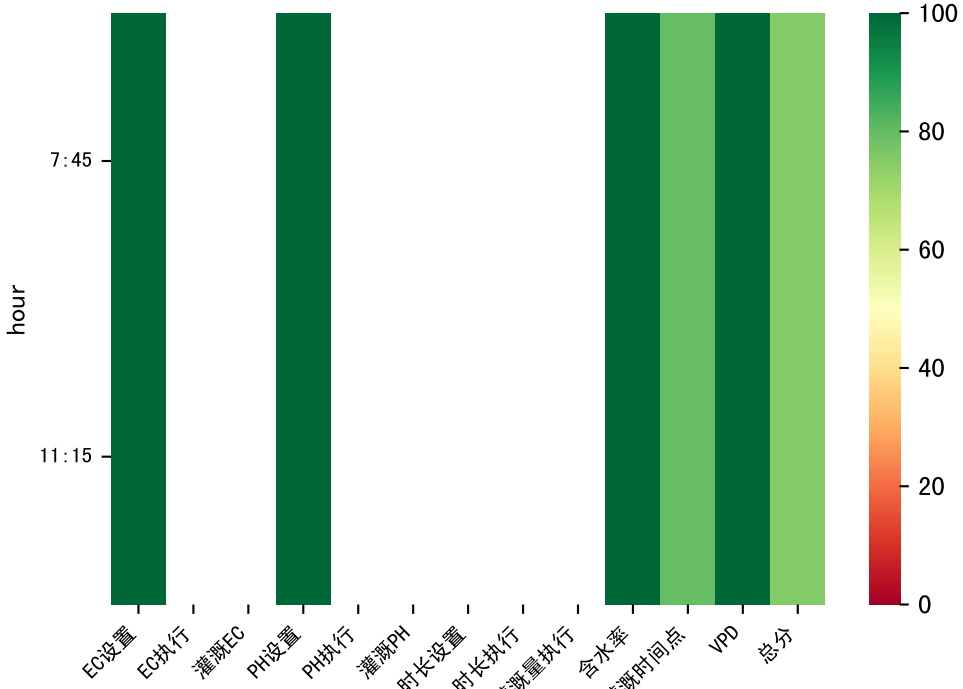



hour
7:45
9:30
10:55
12:00
13:05
14:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:45	48	30.0	0.122	雾	预期@07:45 自动（未用传感器）
09:30	48	30.0	0.122	小雨	预期@09:30 自动（未用传感器）
10:55	48	30.0	0.122	小雨	预期@10:55 自动（未用传感器）
12:00	48	30.0	0.122	小雨	预期@12:00 自动（未用传感器）
13:05	48	30.0	0.122	小雨	预期@13:05 自动（未用传感器）
14:10	48	30.0	0.122	小雨	预期@14:10 自动（未用传感器）
总计	288.0 (6次)	180.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=163.0 (2026-03-18)

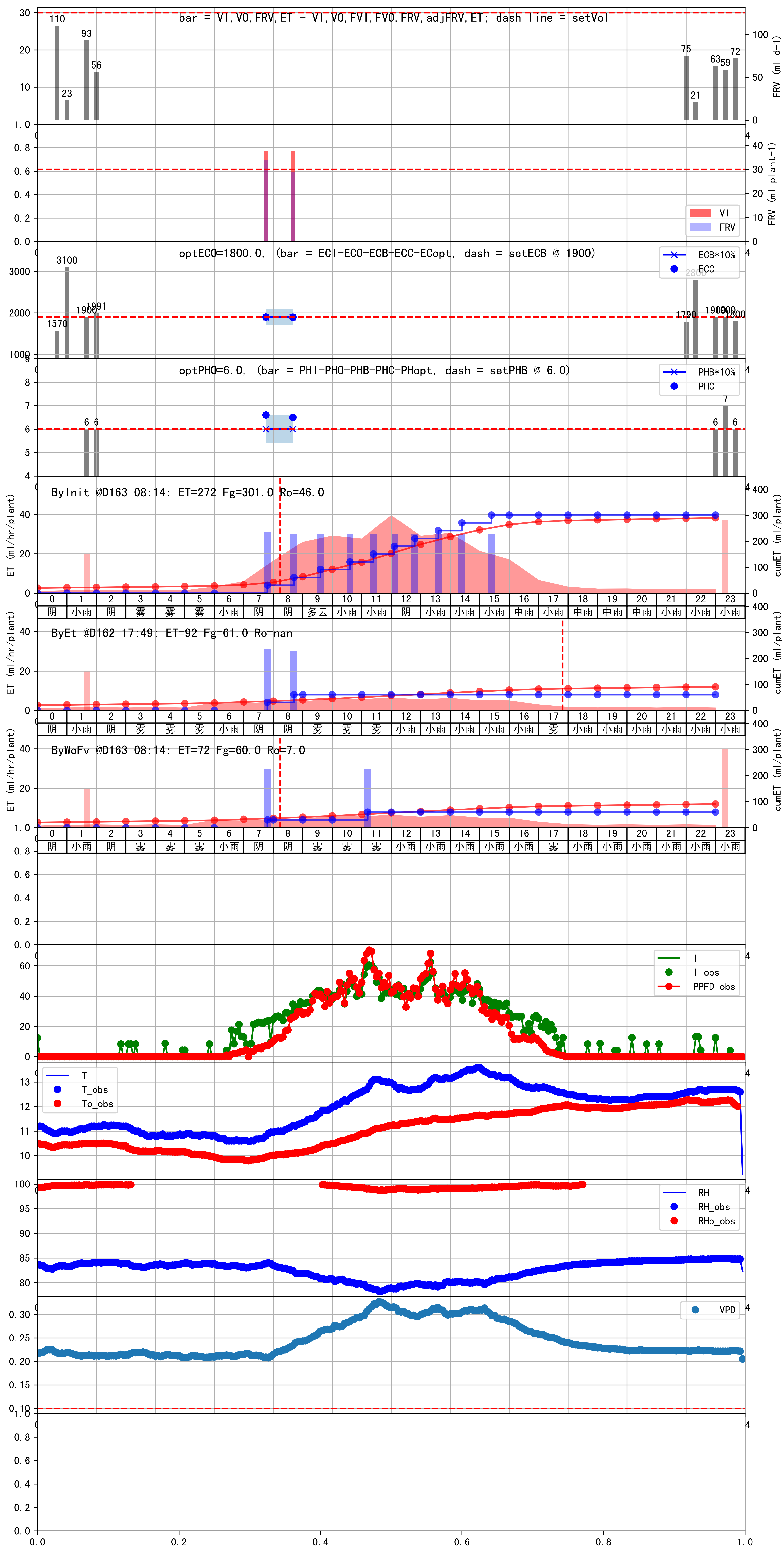


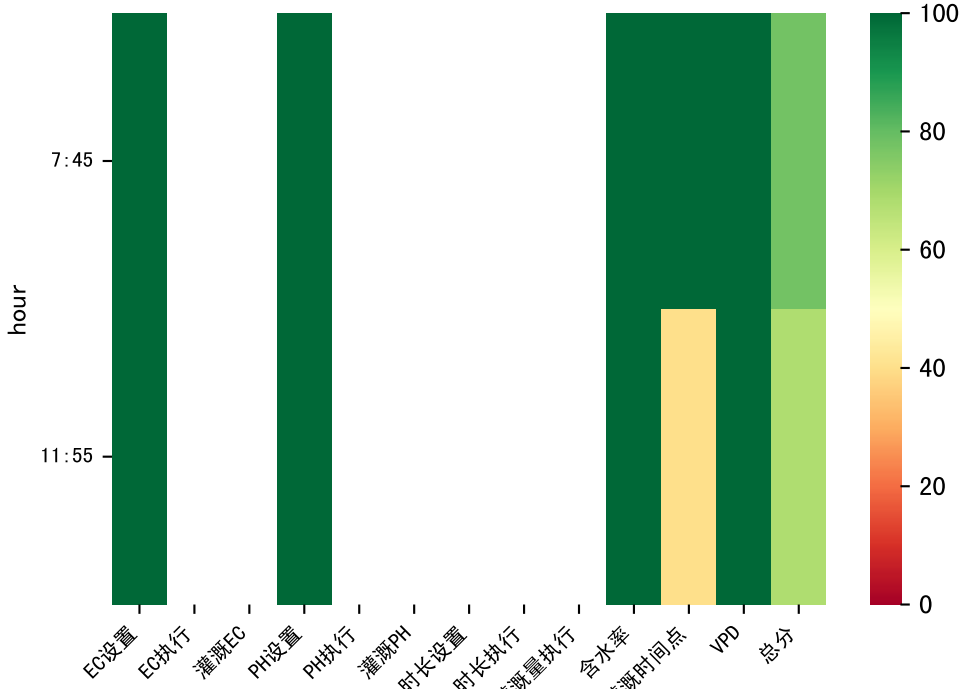

hour
7:45
11:15
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:45	51	30.0	0.122	阴	假设@07:45 自动（未用传感器）
11:15	51	30.0	0.122	雾	假设@11:15 自动（未用传感器）
总计	102.0 (2次)	60.0			建议进液EC：1900， PH：6.0

上次灌溉流速比过去5天平均小 (0.59 vs 0.68)，可能管道压力异常或有管道堵塞
默认实际灌溉29.0 ml.

L1A2_2, Day=162.0 (2026-03-17)

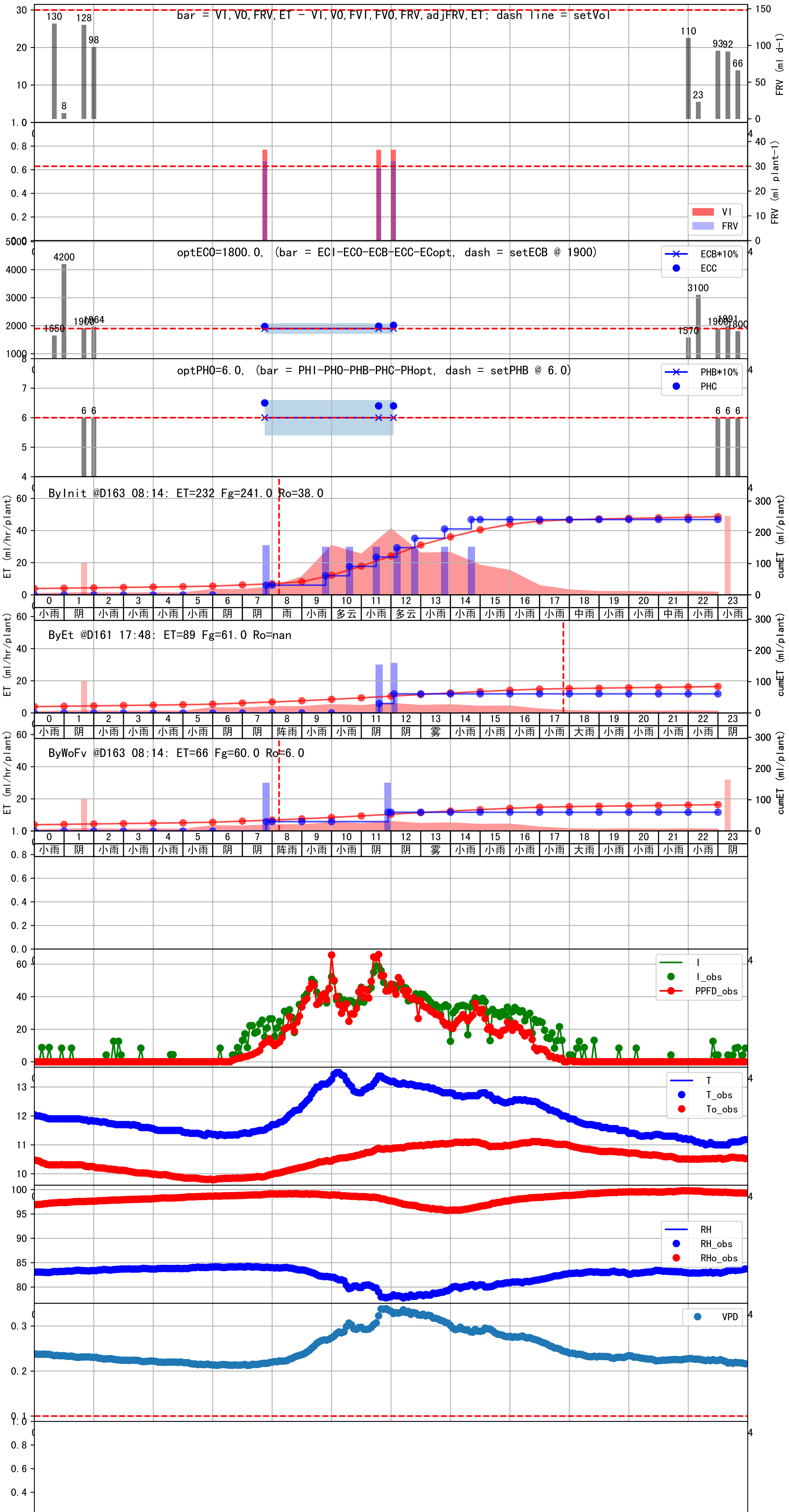


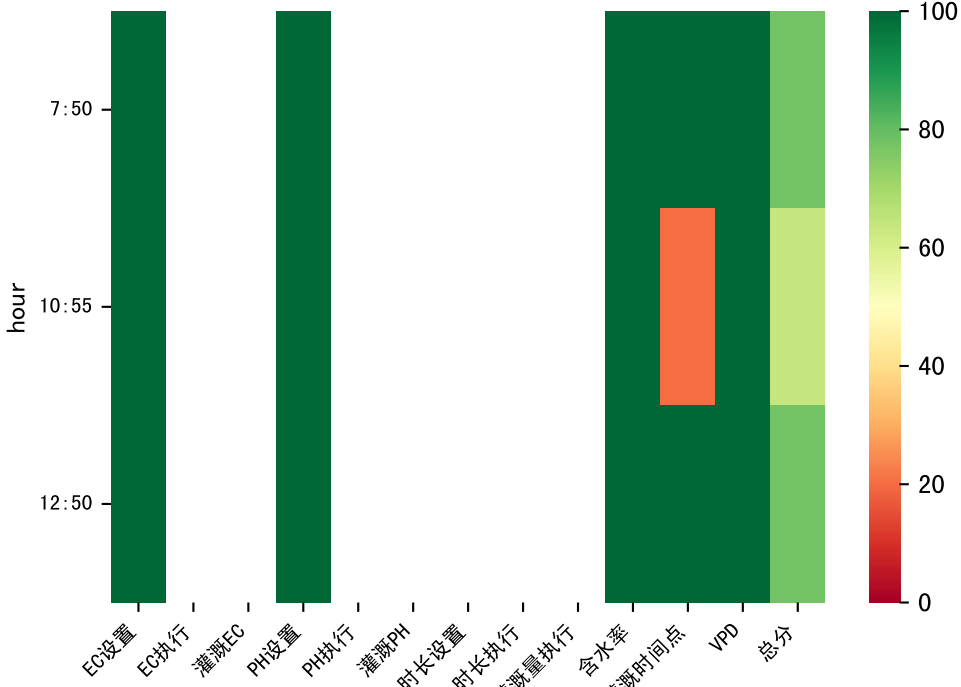

hour
7:45
11:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:45	54	30.0	0.122	阴	假设@07:45 自动（未用传感器）
11:55	54	30.0	0.122	阴	假设@11:55 自动（未用传感器）
总计	108.0 (2次)	60.0			建议进液EC：1900， PH：6.0

上次灌溉流速比过去5天平均小 (0.59 vs 0.72)，可能管道压力异常或有管道堵塞
默认实际灌溉31.0 ml.

L1A2_2, Day=161.0 (2026-03-16)

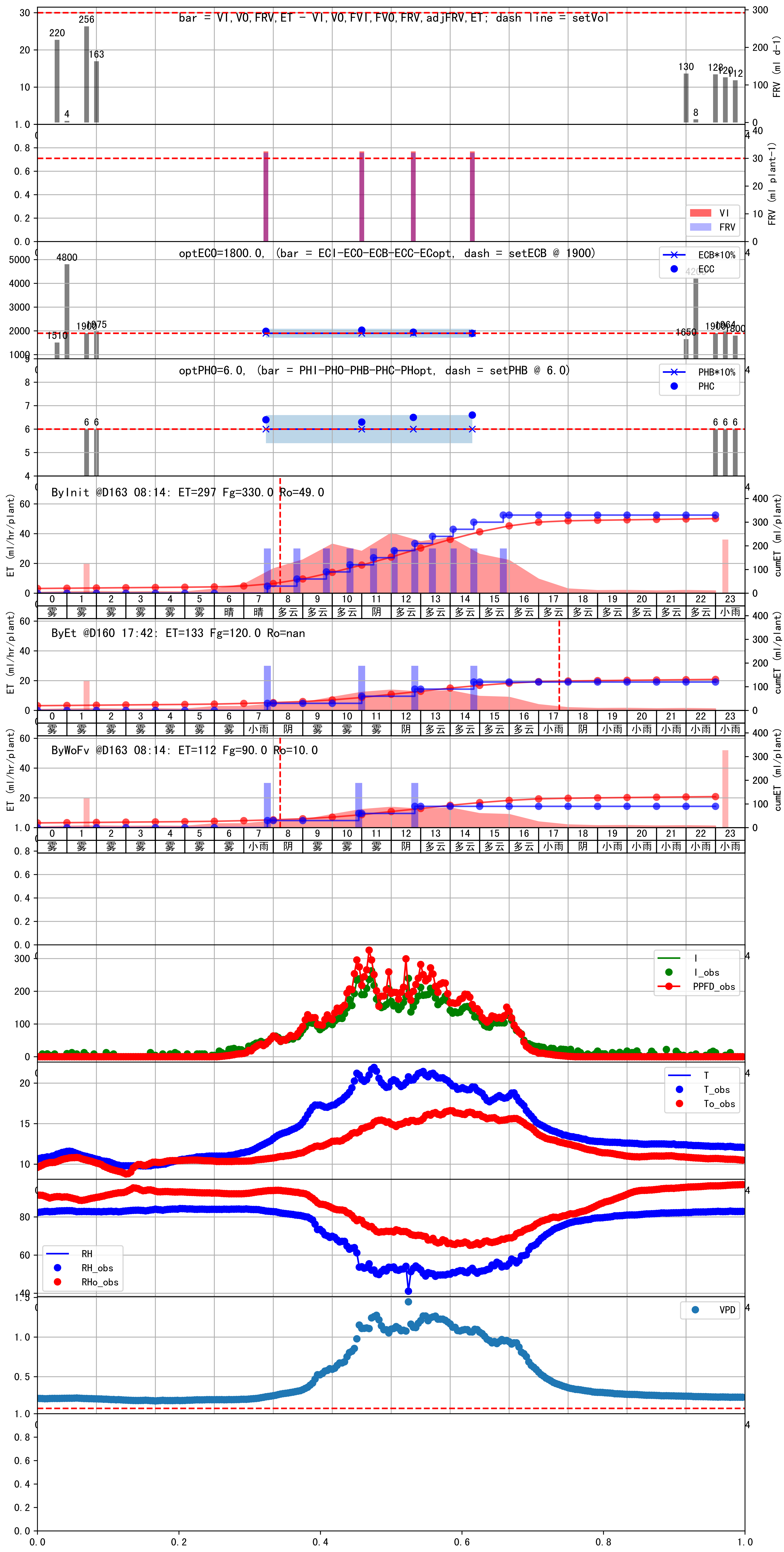


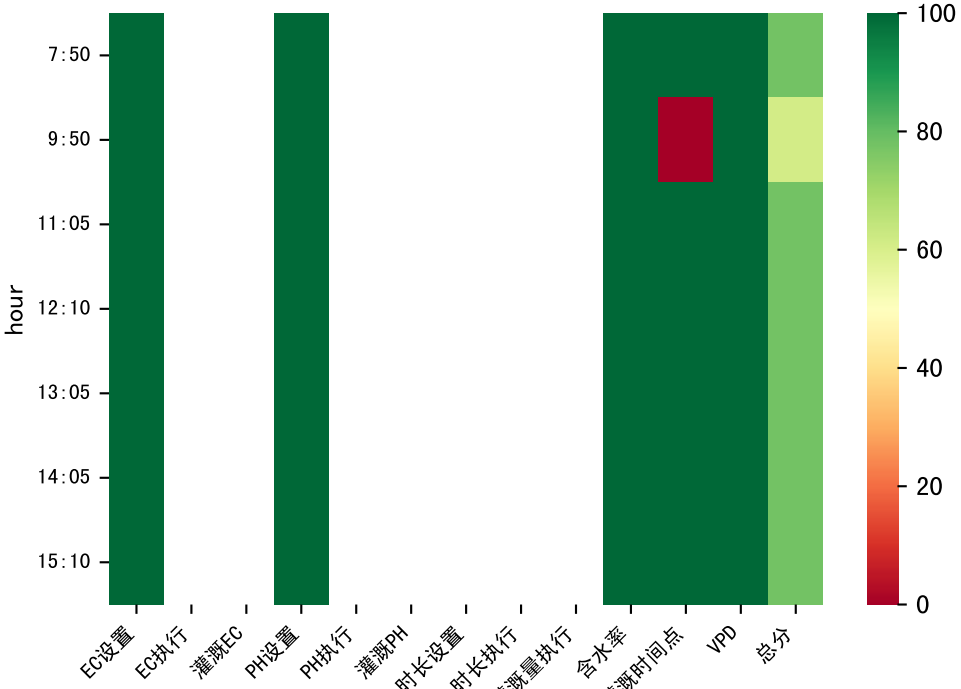

hour
7:50
10:55
12:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:50	54	30.0	0.122	小雨	假设@07:50 自动（未用传感器）
10:55	54	30.0	0.122	雾	假设@10:55 自动（未用传感器）
12:50	54	30.0	0.122	阴	假设@12:50 自动（未用传感器）
总计	162.0 (3次)	90.0			建议进液EC：1900， PH：6.0

上次灌溉流速比过去5天平均小 (0.59 vs 0.75)，可能管道压力异常或有管道堵塞
默认实际灌溉30.0 ml.

L1A2_2, Day=160.0 (2026-03-15)




hour
7:50
9:50
11:05
12:10
13:05
14:05
15:10
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
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
07:50	54	30.0	0.122	雾	假设@07:50 自动（未用传感器）
09:50	54	30.0	0.122	雾	假设@09:50 自动（未用传感器）
11:05	54	30.0	0.122	晴	假设@11:05 自动（未用传感器）
12:10	54	30.0	0.122	晴	假设@12:10 自动（未用传感器）
13:05	54	30.0	0.122	晴	假设@13:05 自动（未用传感器）
14:05	54	30.0	0.122	晴	假设@14:05 自动（未用传感器）
15:10	54	30.0	0.122	晴	假设@15:10 自动（未用传感器）
总计	378.0 (7次)	210.0			建议进液EC：1900， PH：6.0

滴头平均流速偏大（0.76 vs def 0.5），请检查
上次灌溉流速比过去5天平均小 (0.59 vs 0.76)，可能管道压力异常或有管道堵塞
默认实际灌溉30.0 ml.

L1A2_2, Day=159.0 (2026-03-14)