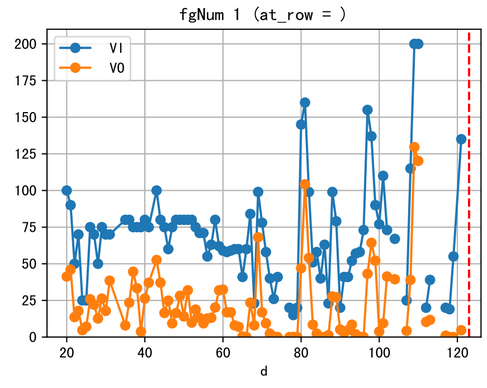
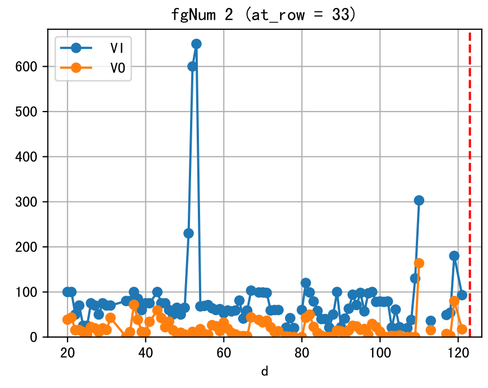
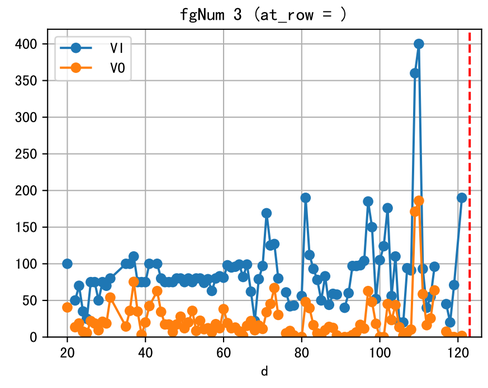
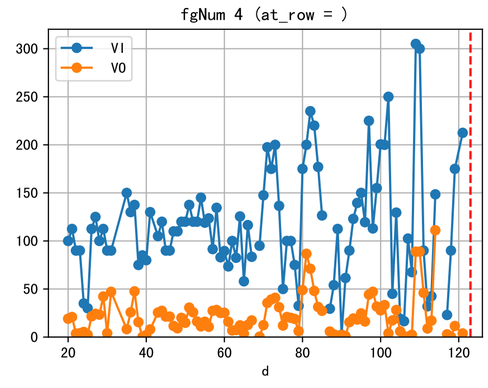
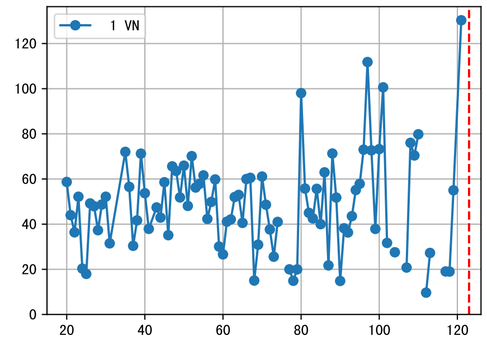
FgArea: ['2']
NJ15 L1
2026-02-06 (Day 123)

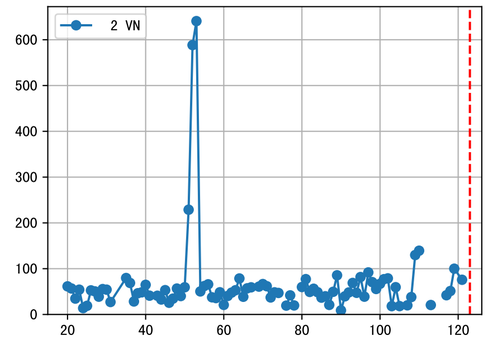

fgNum 1 (at_row =)
VI
VO
d

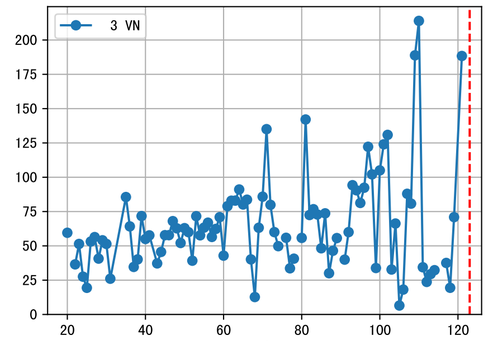

fgNum 2 (at_row = 33)
VI
VO
d

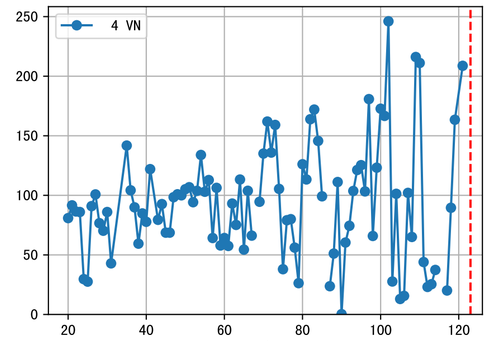

fgNum 3 (at_row =)
VI
VO
d

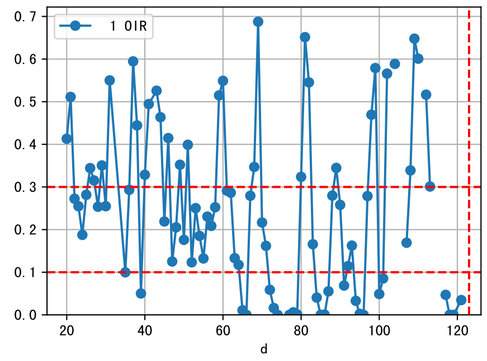

fgNum 4 (at_row =)
VI
VO
d

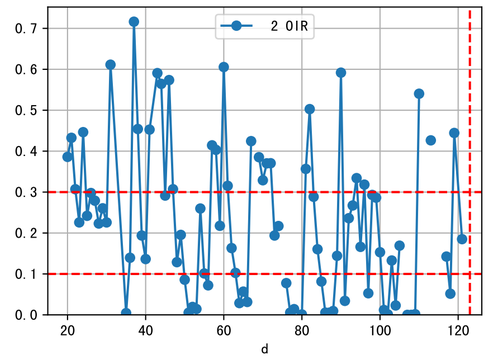

1 VN
d

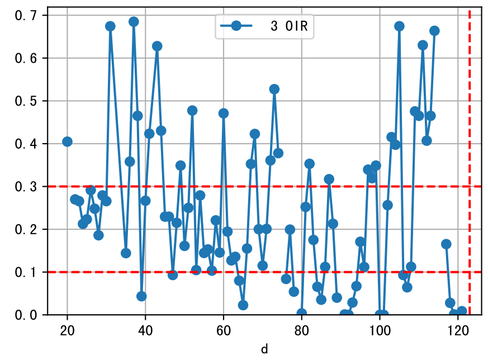

2 VN
d

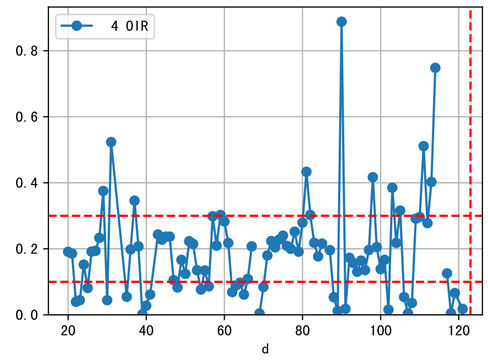

3 VN
d

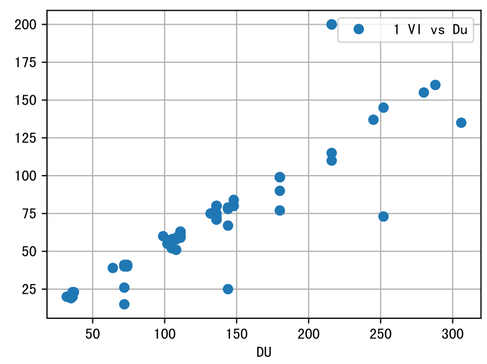

4 VN
d

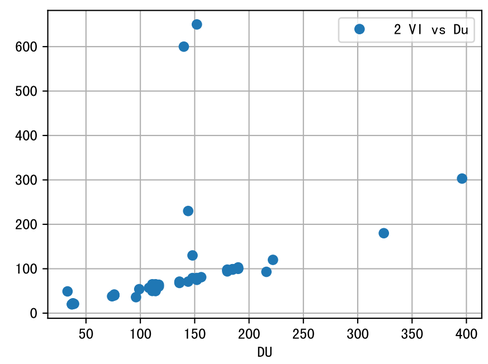

1 OIR
d

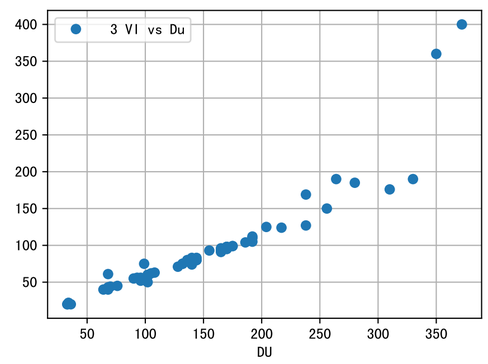

2 OIR
d

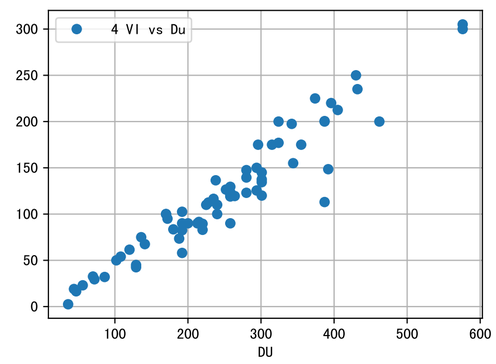

3 OIR
d

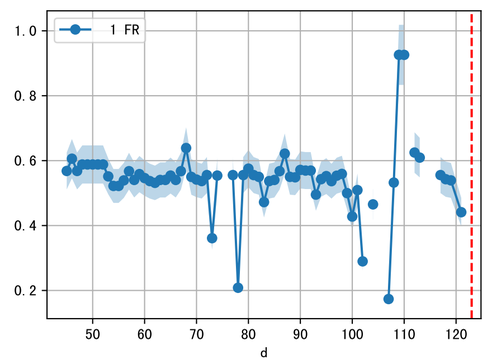

4 OIR
d

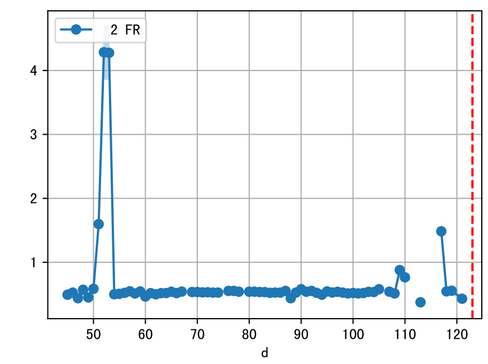

1 VI vs Du
DU

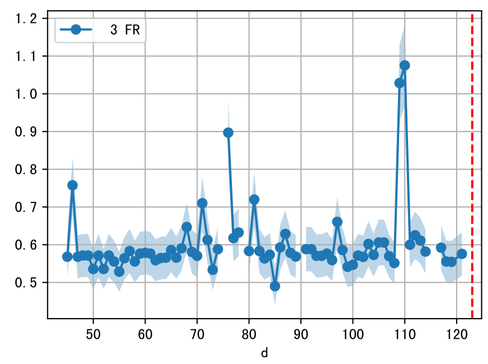

2 VI vs Du
DU

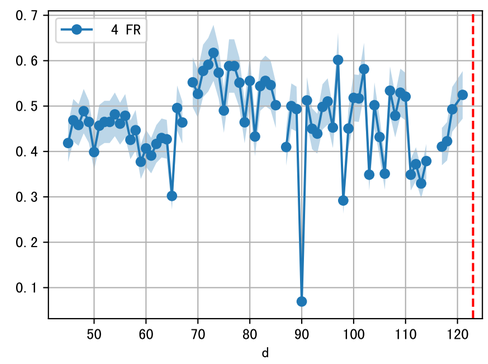

3 VI vs Du
DU

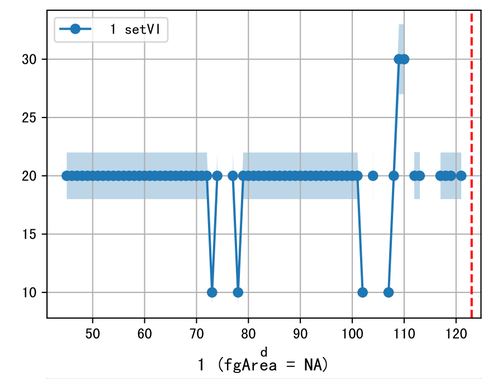

4 VI vs Du
DU

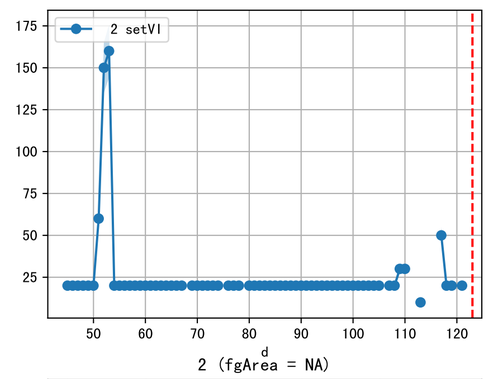

1 FR
d

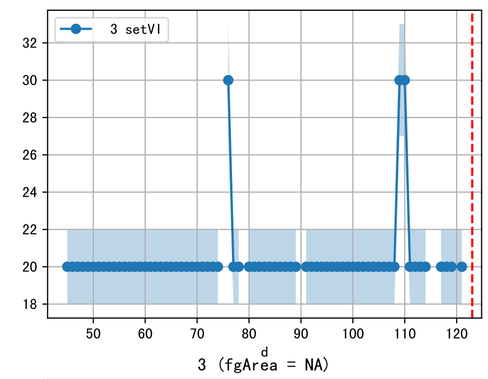

2 FR
d

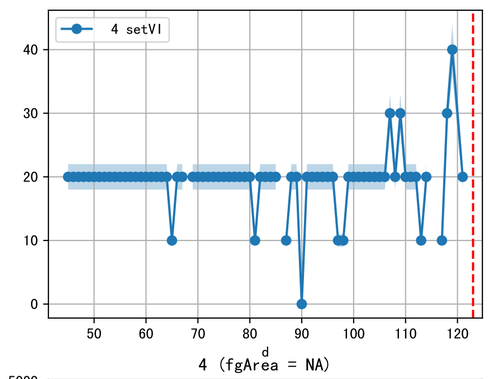

3 FR
d

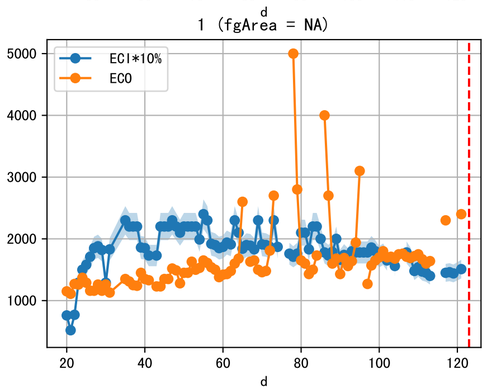

4 FR
d

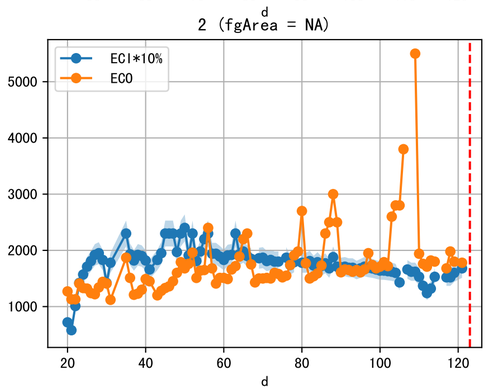

1 setVI
d

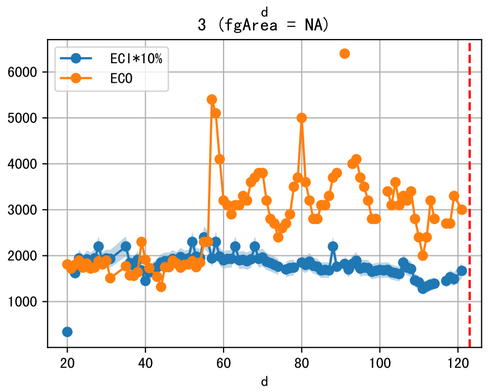

2 setVI
d

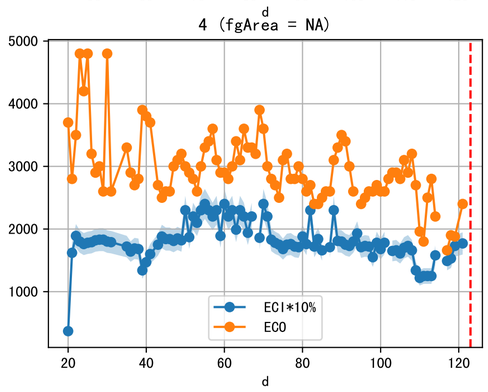

3 setVI
d

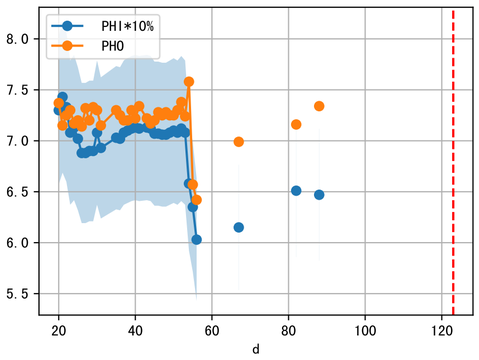

4 setVI
d

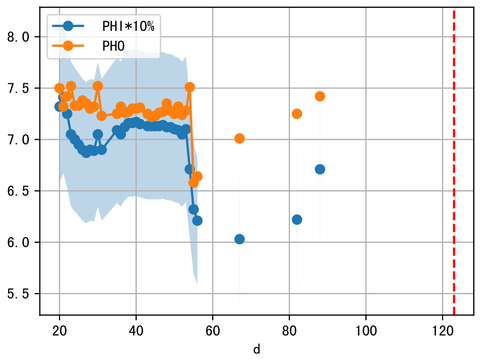

1 (fgArea = NA)
ECI*10%
ECO
d

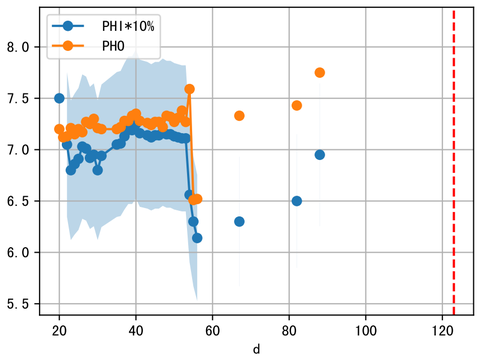

2 (fgArea = NA)
ECI*10%
ECO
d

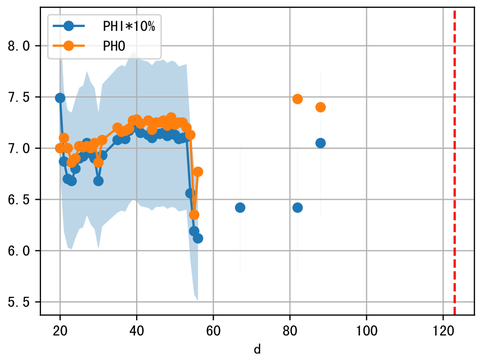

3 (fgArea = NA)
ECI*10%
ECO
d

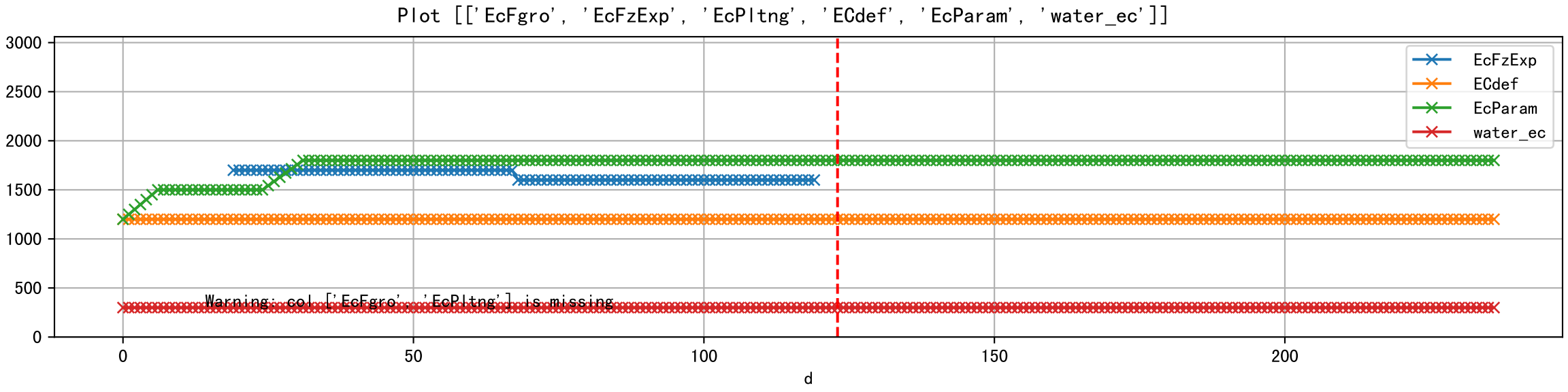

4 (fgArea = NA)
ECI*10%
ECO
d

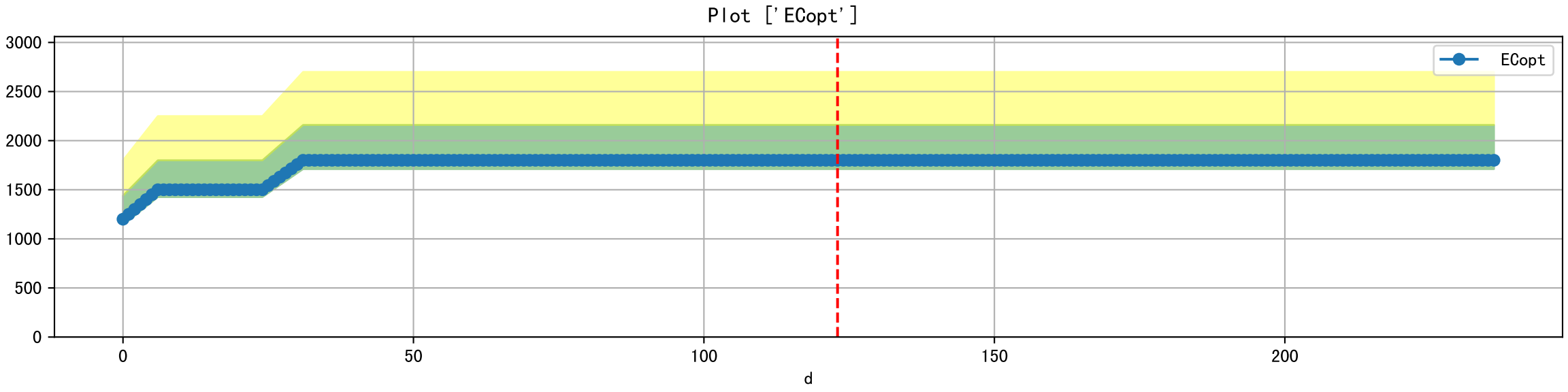

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
d

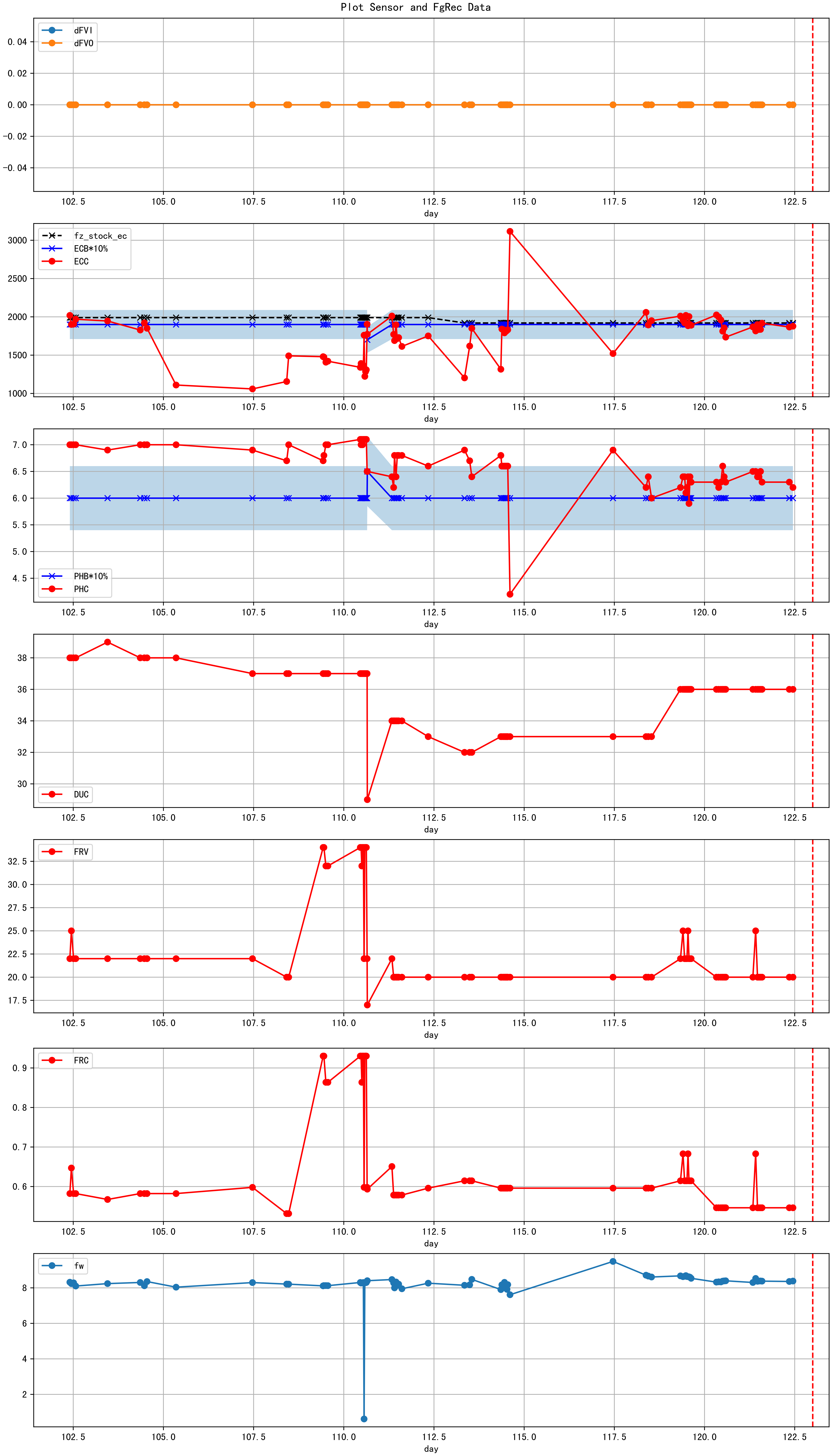

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
d

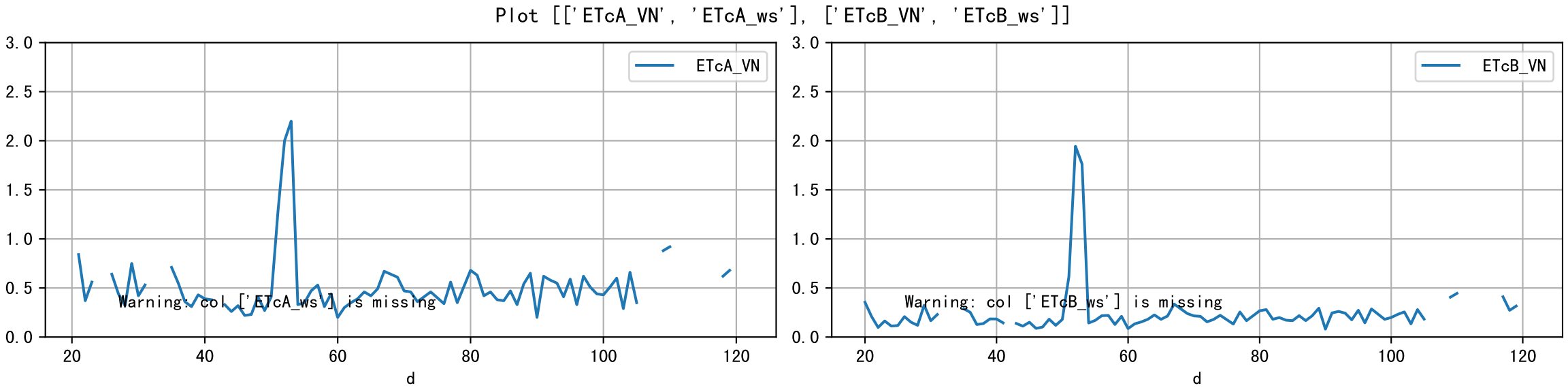

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
d

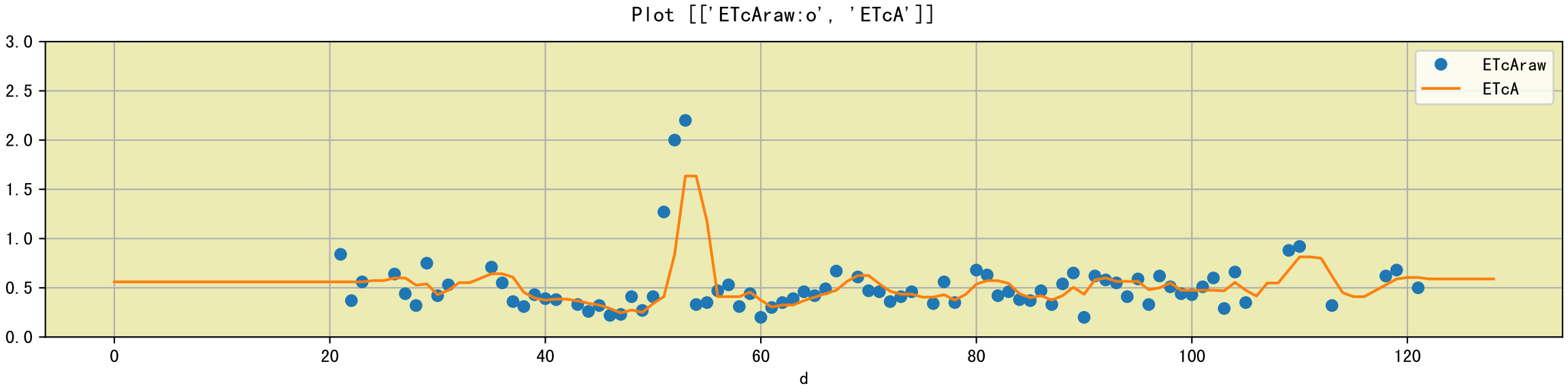

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
d

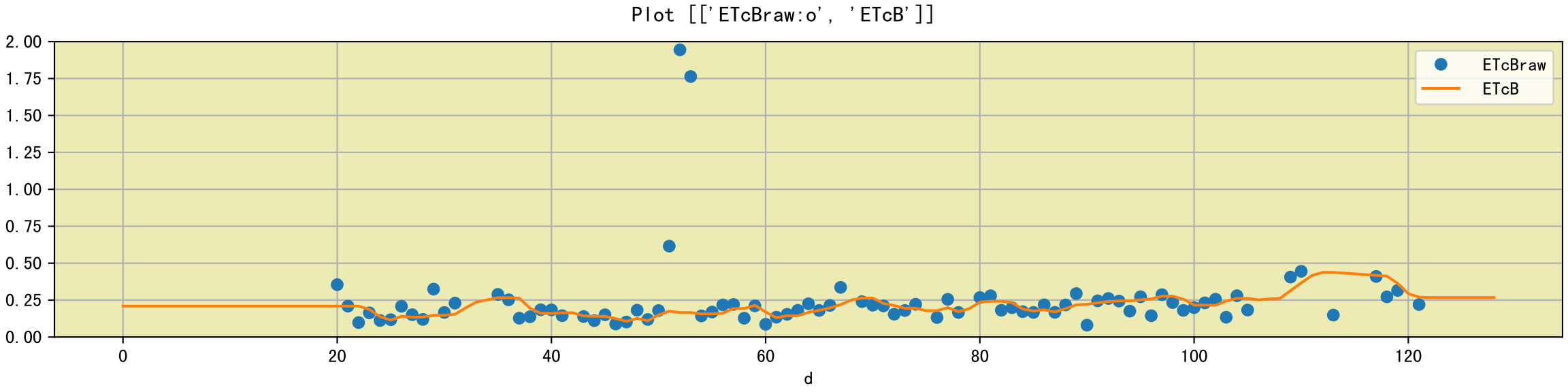

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


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

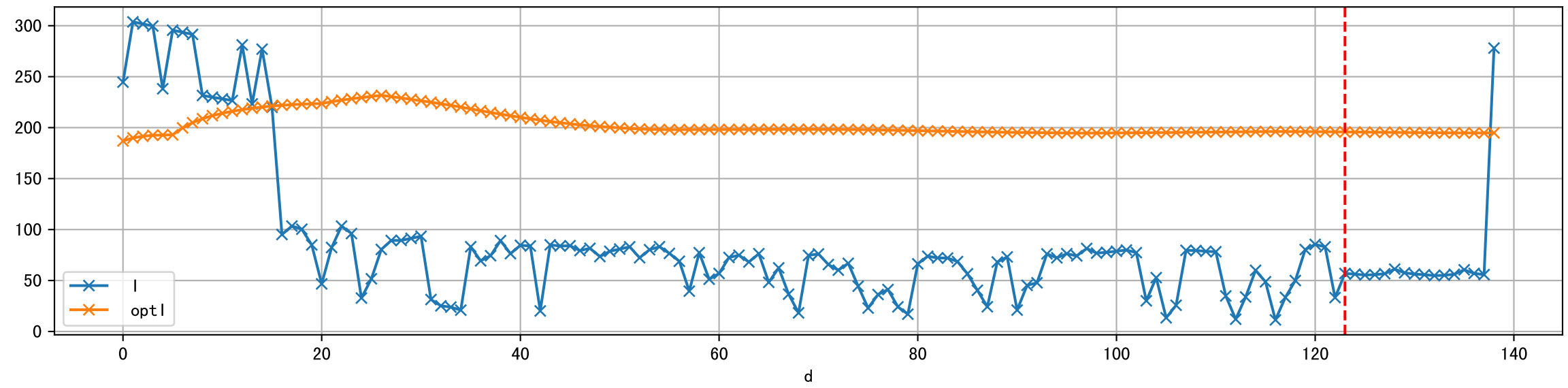

Plot Sensor and FgRec Data
dFVI
dFVO
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
fw
day

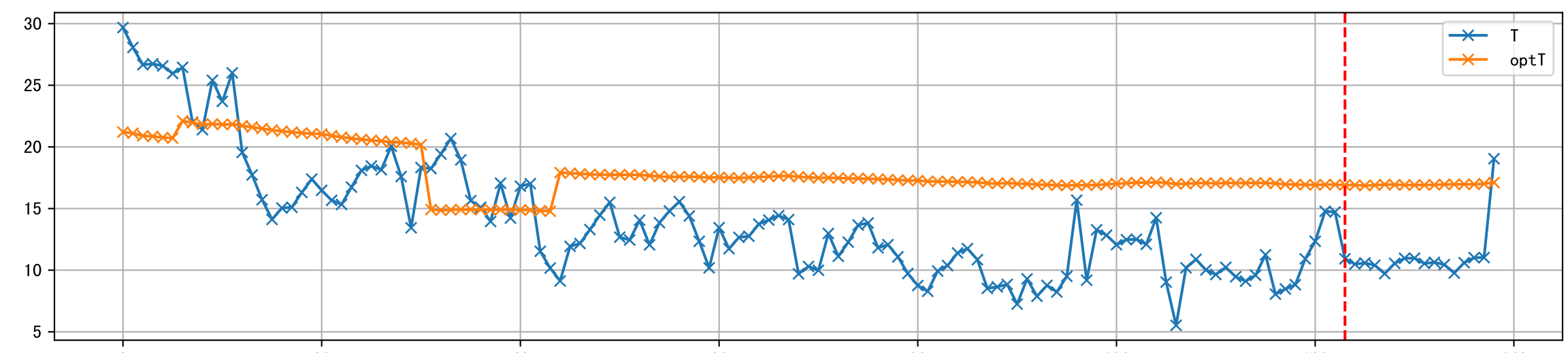

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d
d

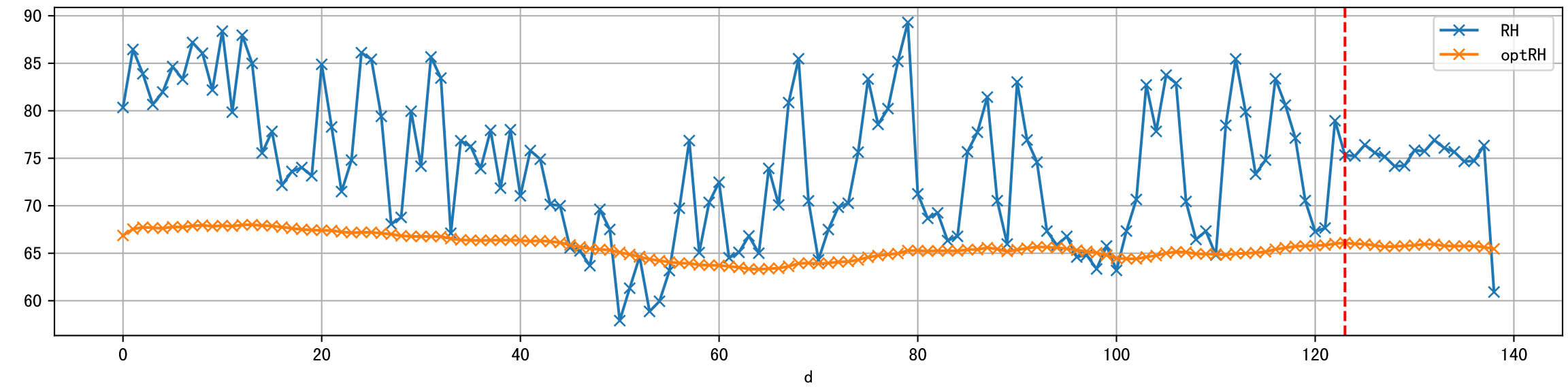

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
d
ETcAraw
ETcA

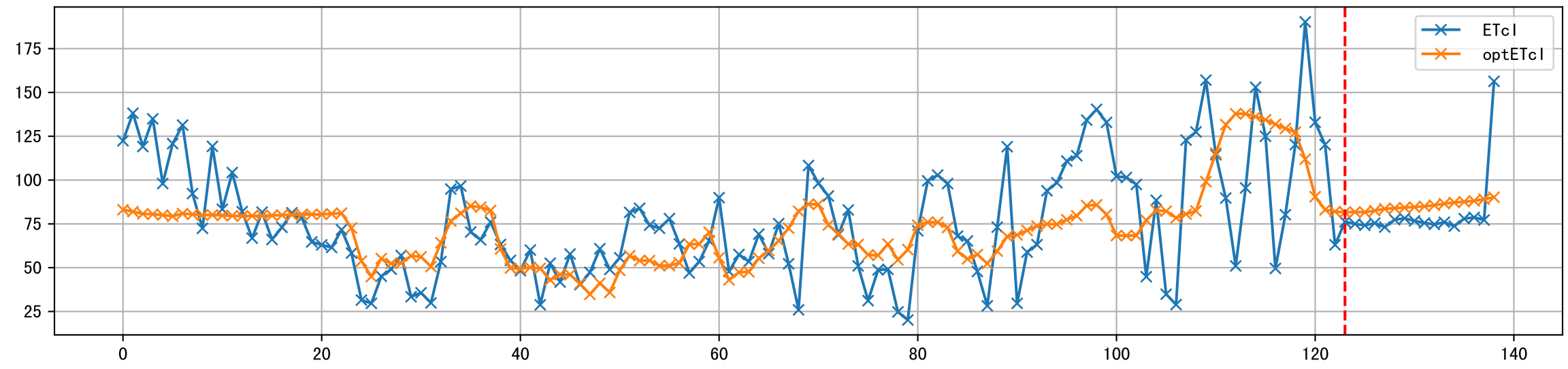

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
d
ETcBraw
ETcB

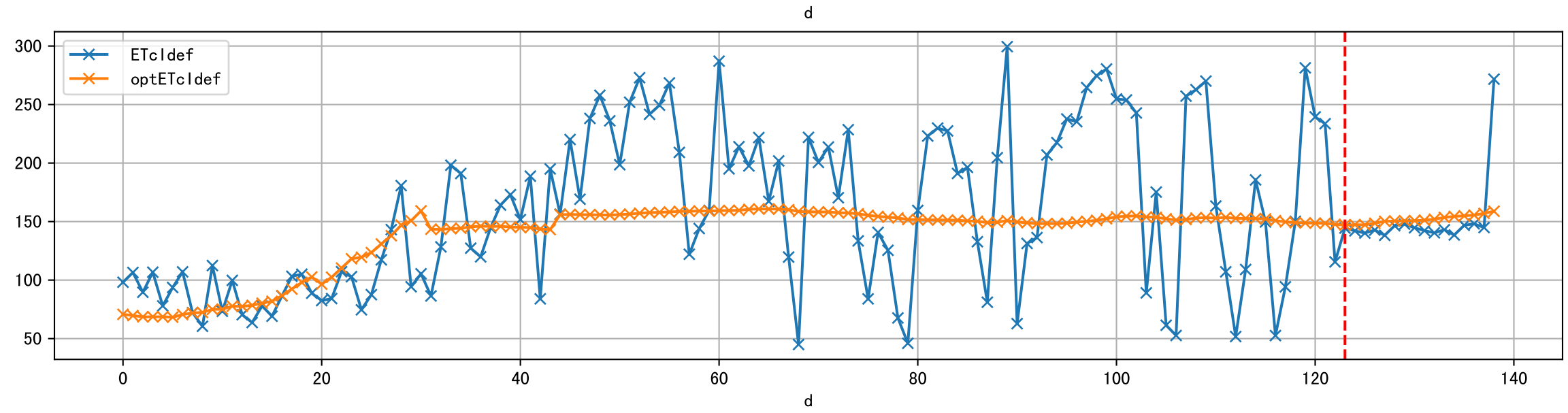
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo1', 'optETo1'], 'LAI', ['optEtRate', 'optEtRateDef', '

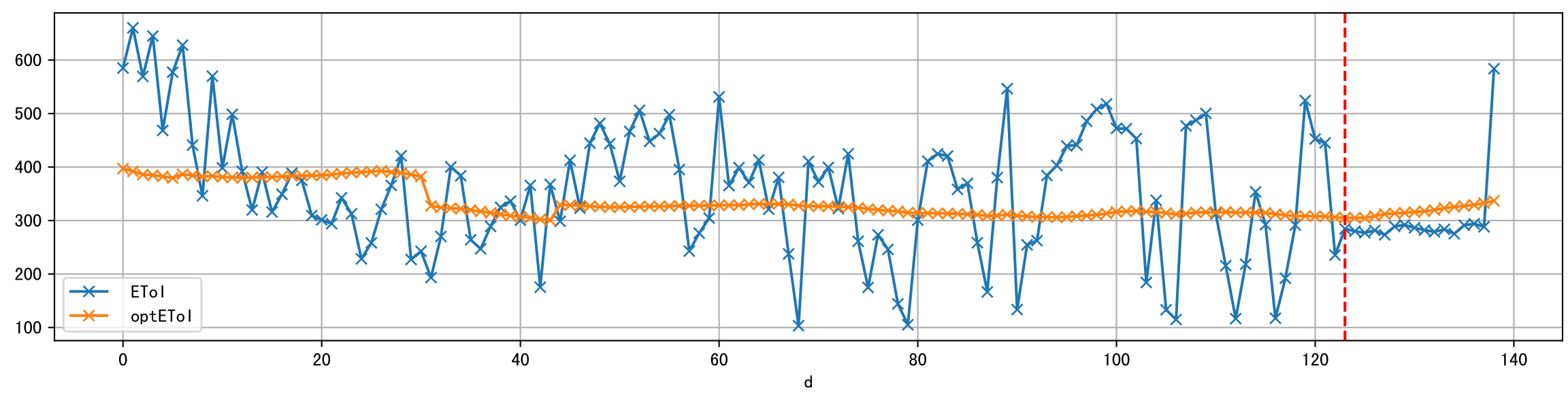


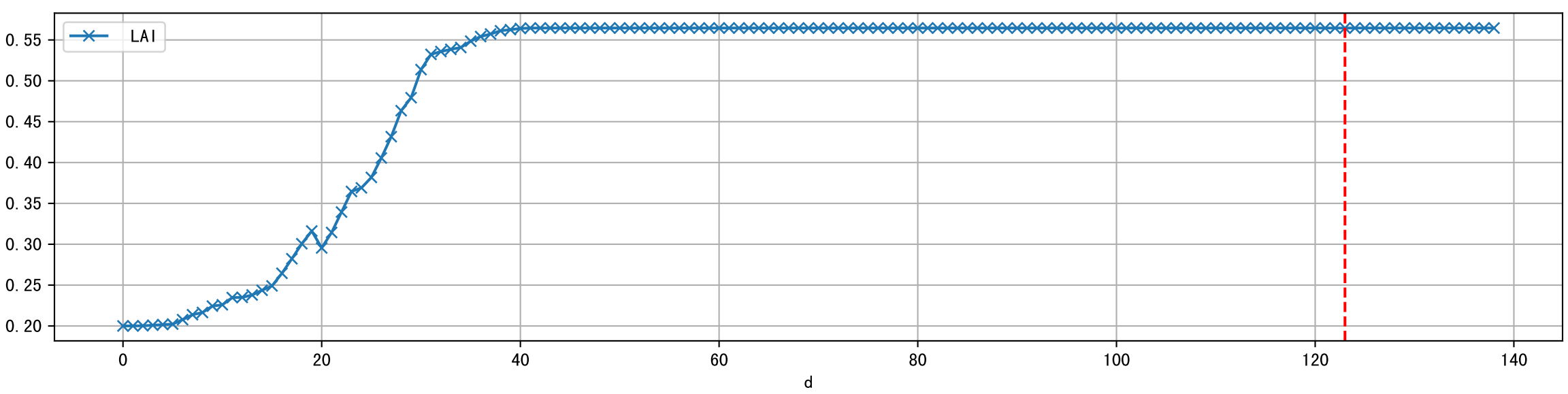


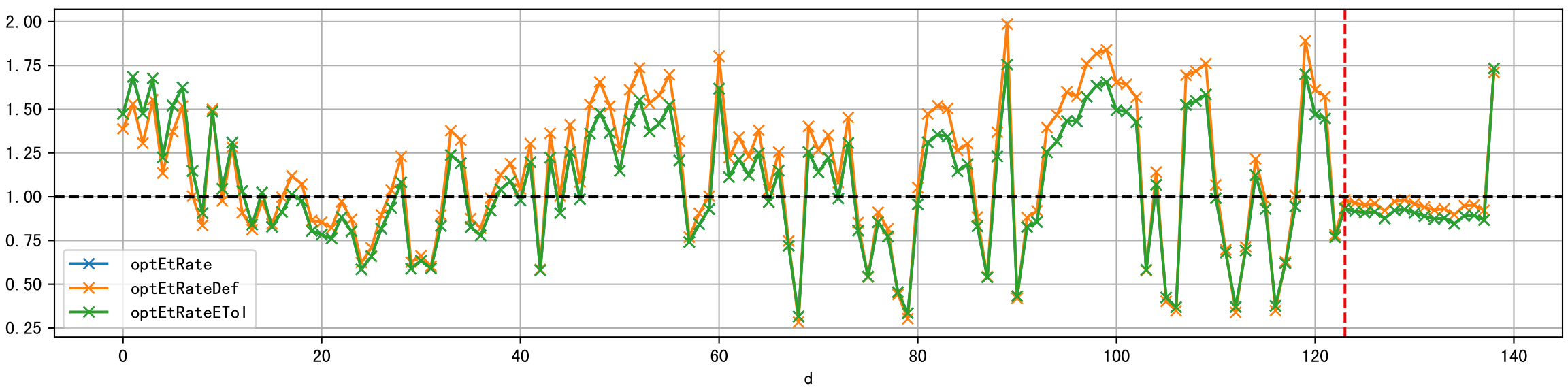


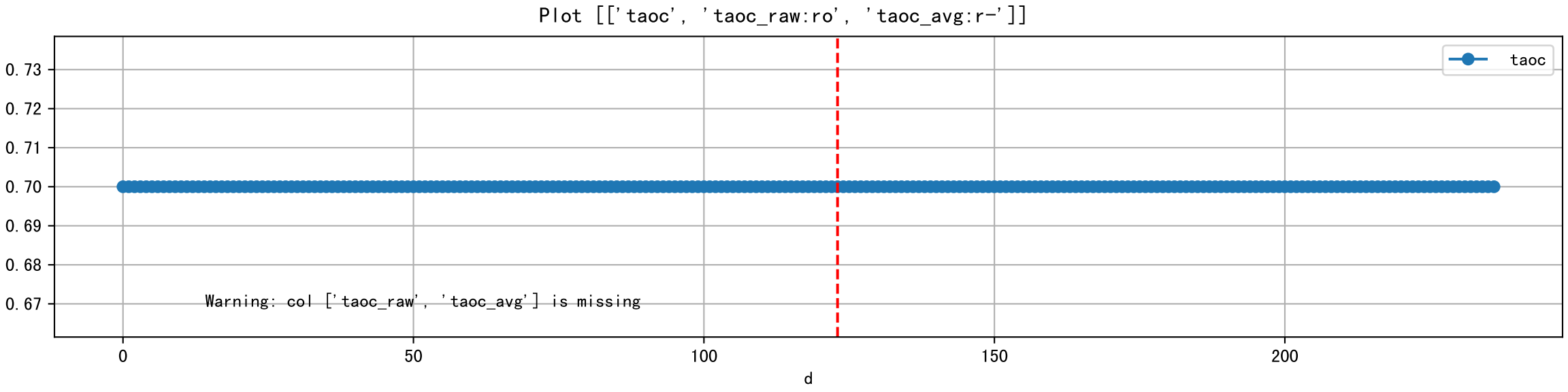


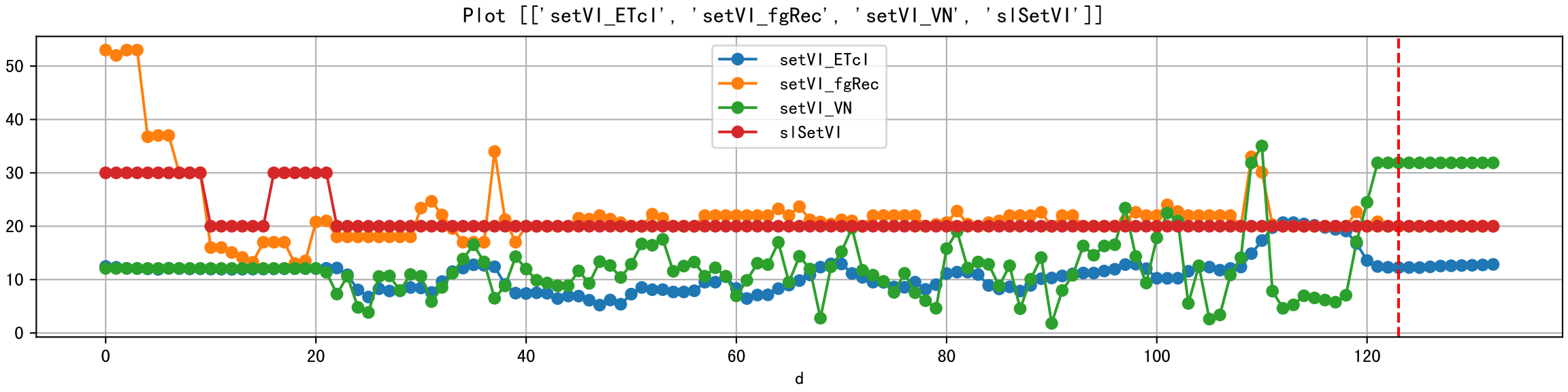


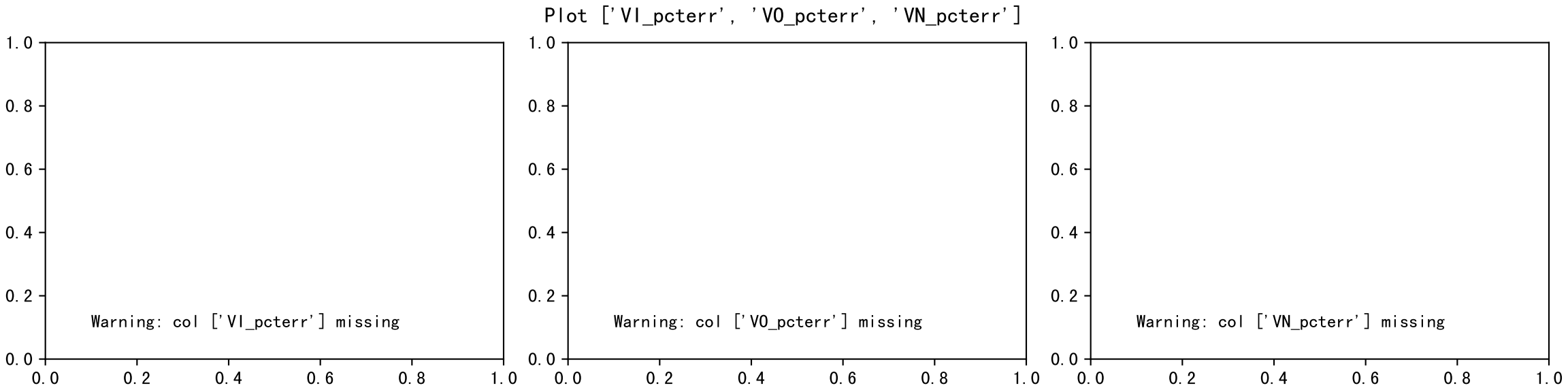


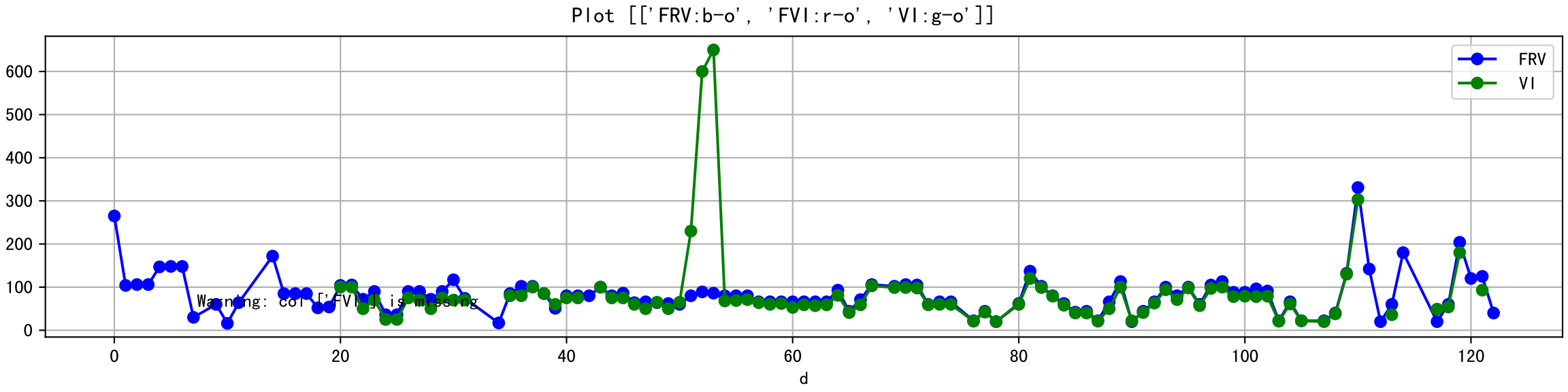


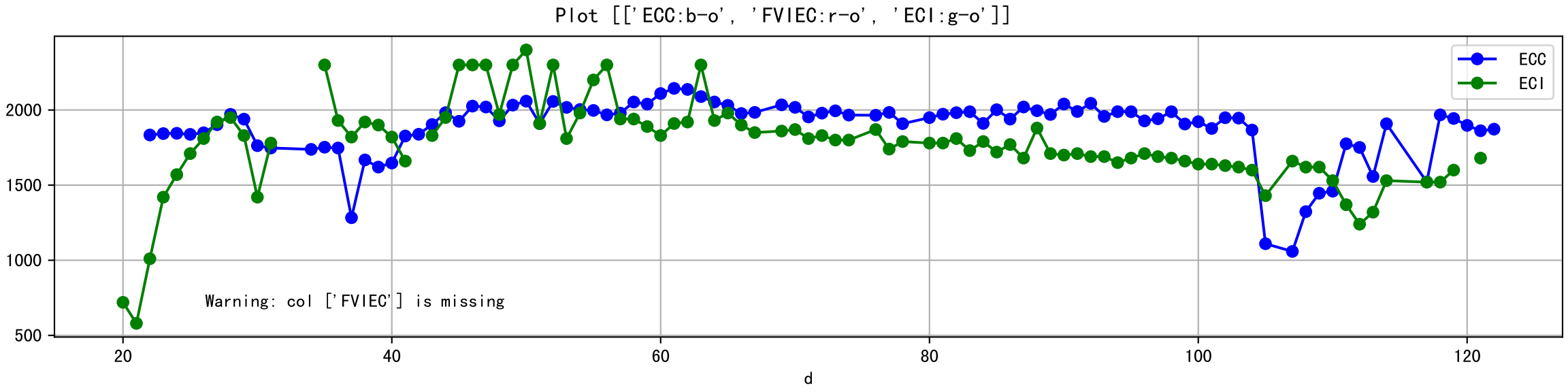


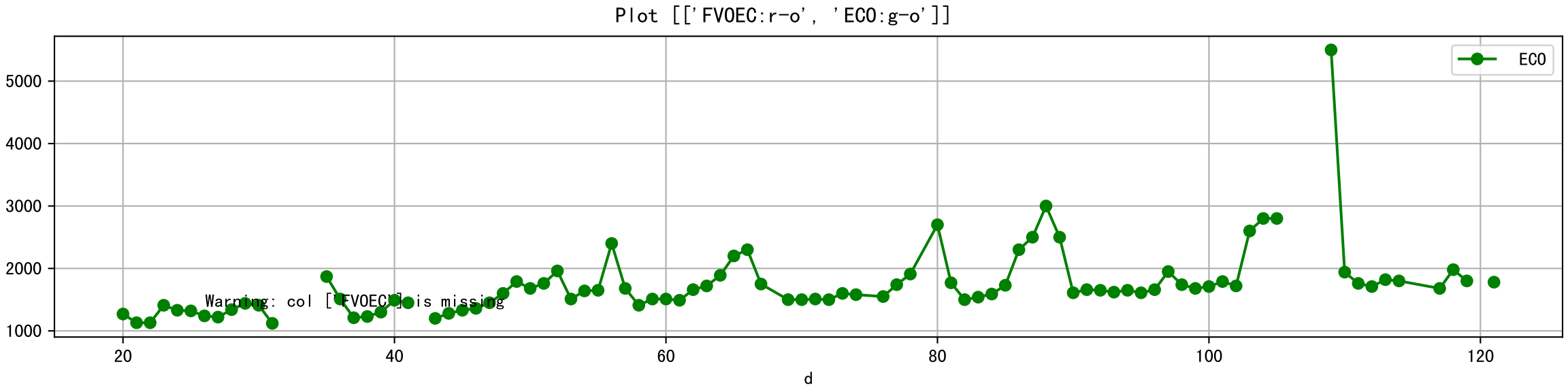

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

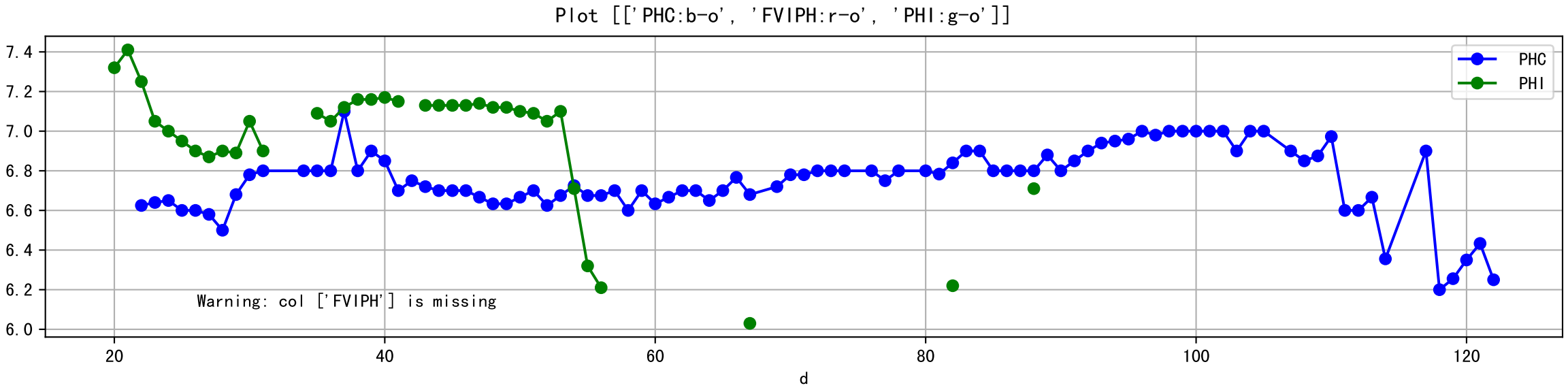

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
20
40
60
80
100
120
d

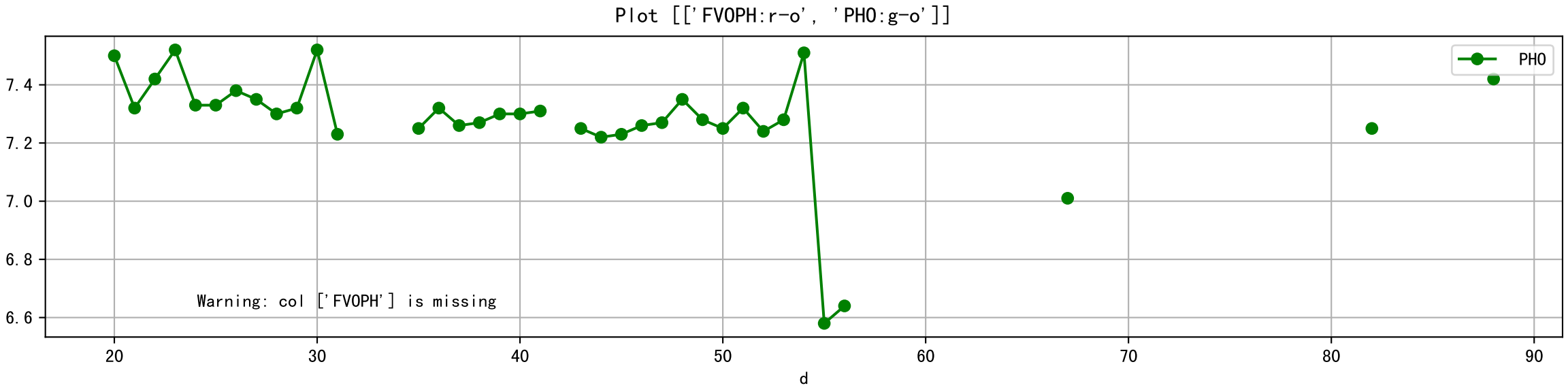

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

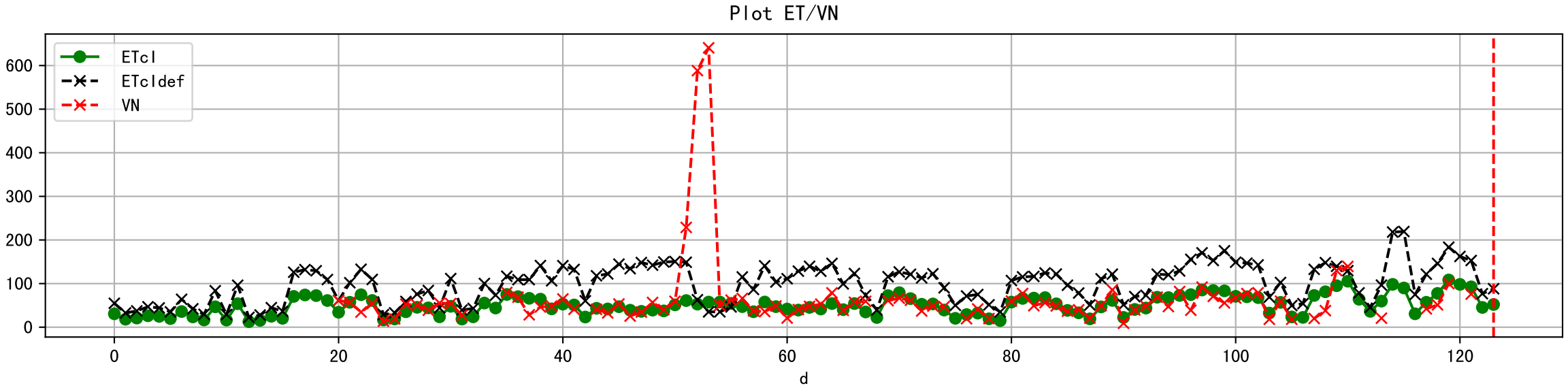

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
600
500
400
300
200
100
0
0
20
40
60
80
100
120
d

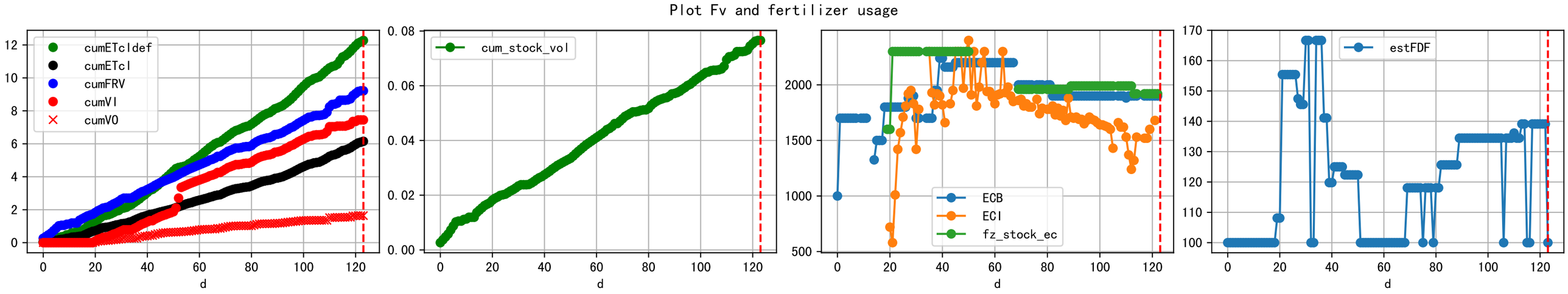

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2000
1500
1000
500
20
40
60
80
100
120
d

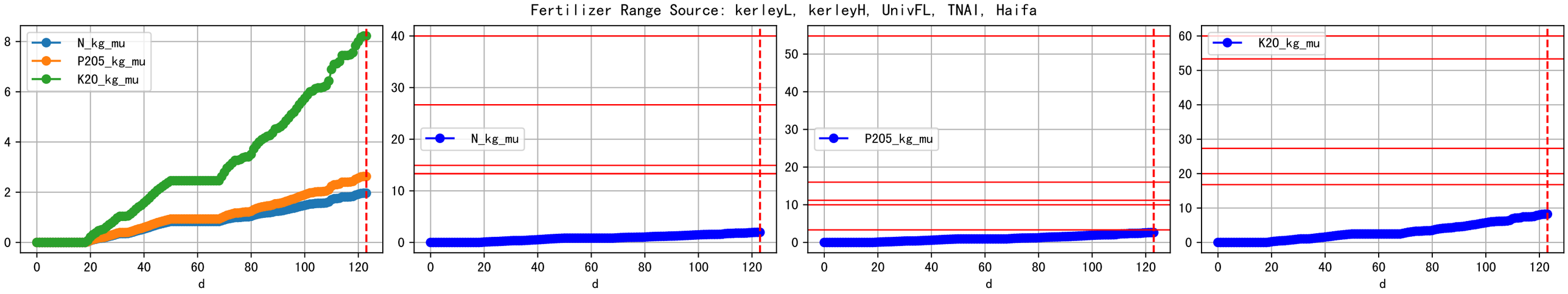

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
1000
20
40
60
80
100
120
d

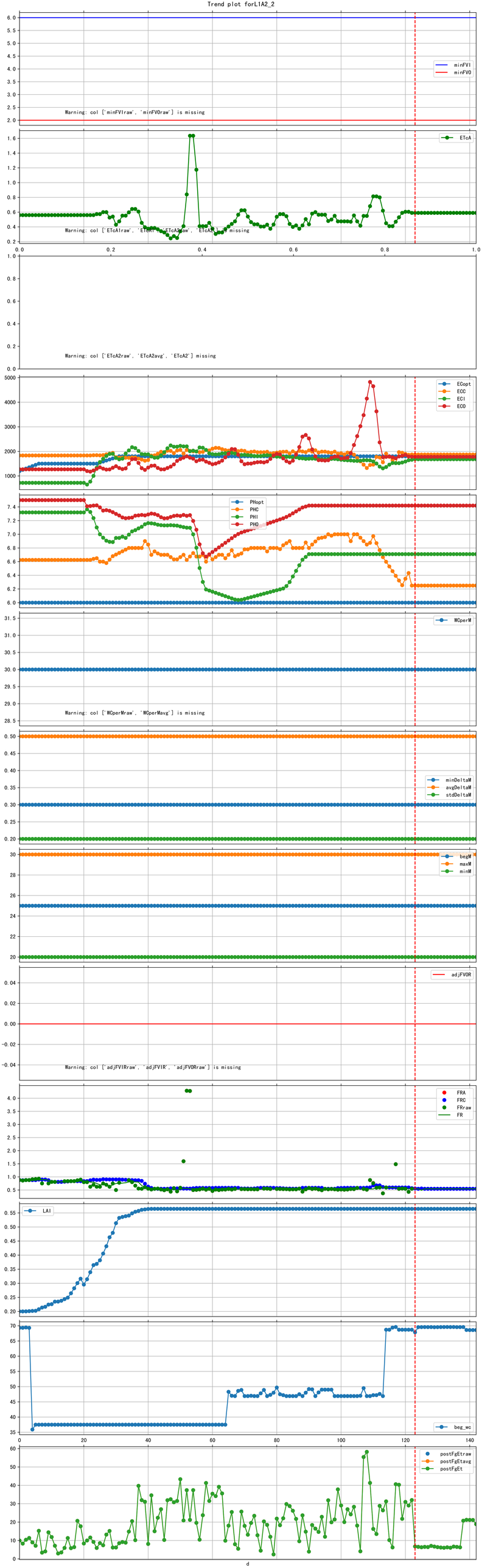

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
d

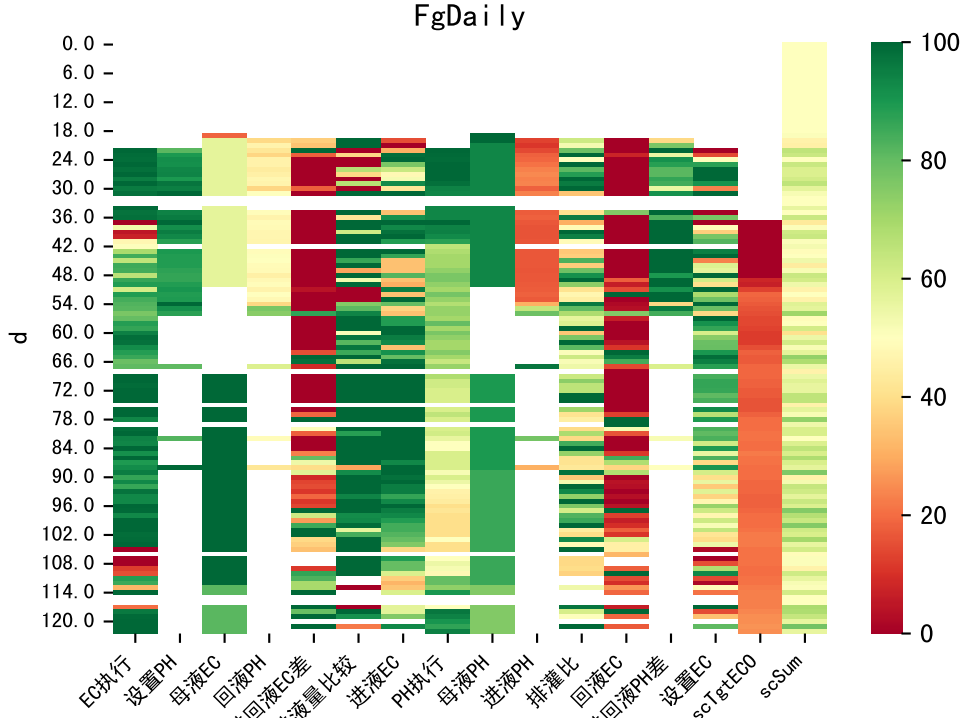

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.4
7.2
7.0
6.8
6.6
Warning: col ['FVOPH'] is missing
20
30
40
50
60
70
80
90
d


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

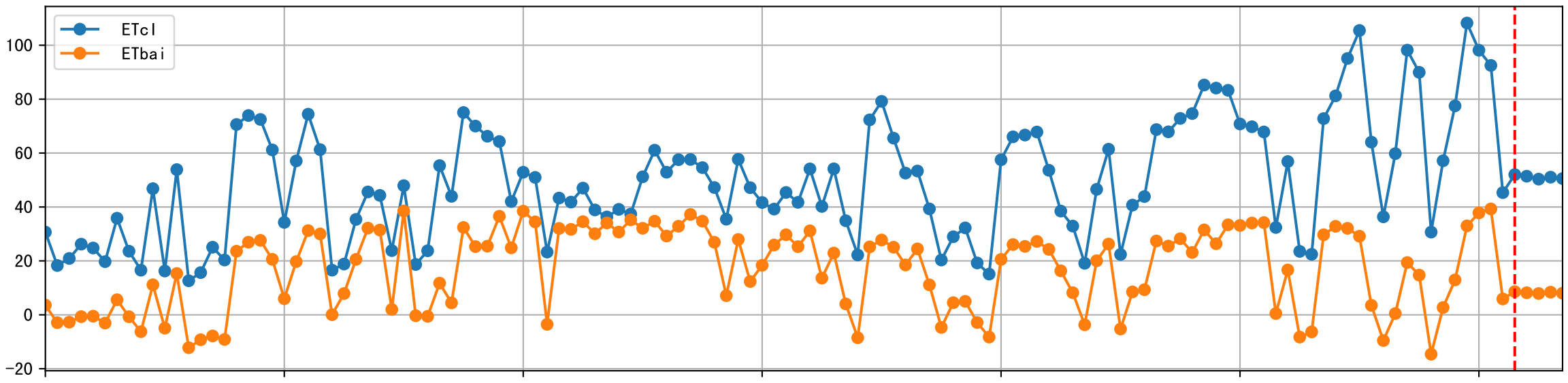

Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
d
cum_stock_vol
d
ECB
ECI
fz_stock_ec
d
estFDF
d

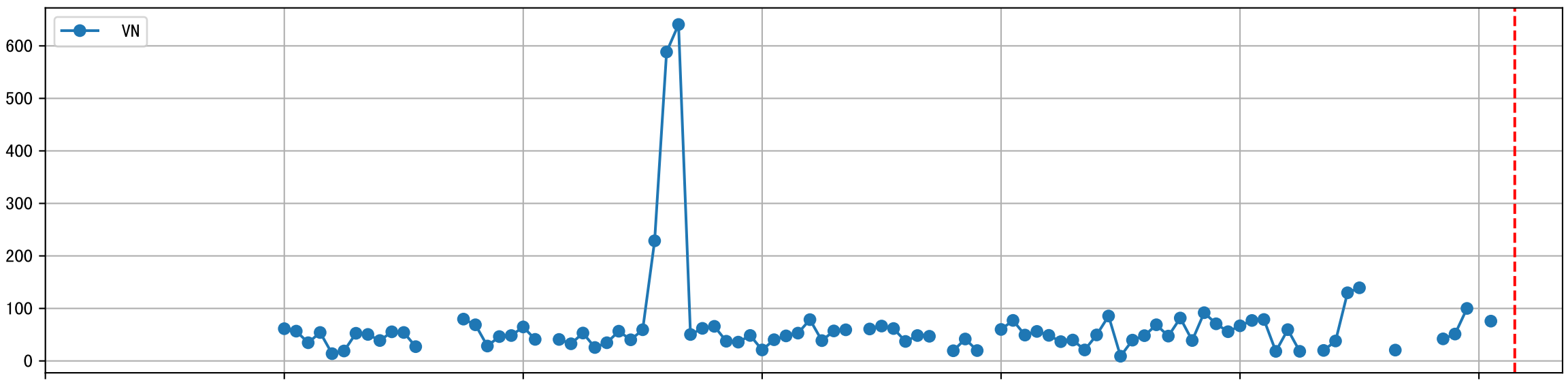

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

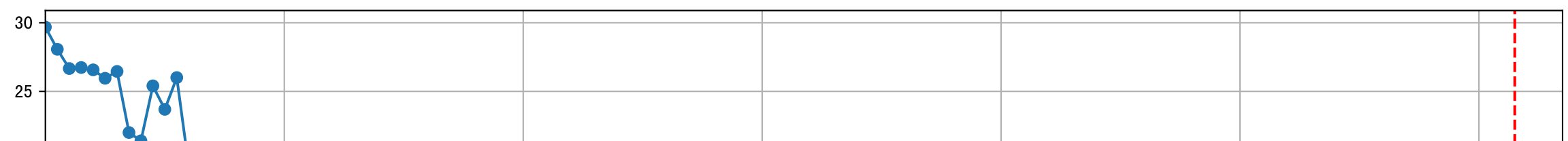

Trend plot forL1A2_2
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1avg', 'ETcA2raw', 'ETcA2avg'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] 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

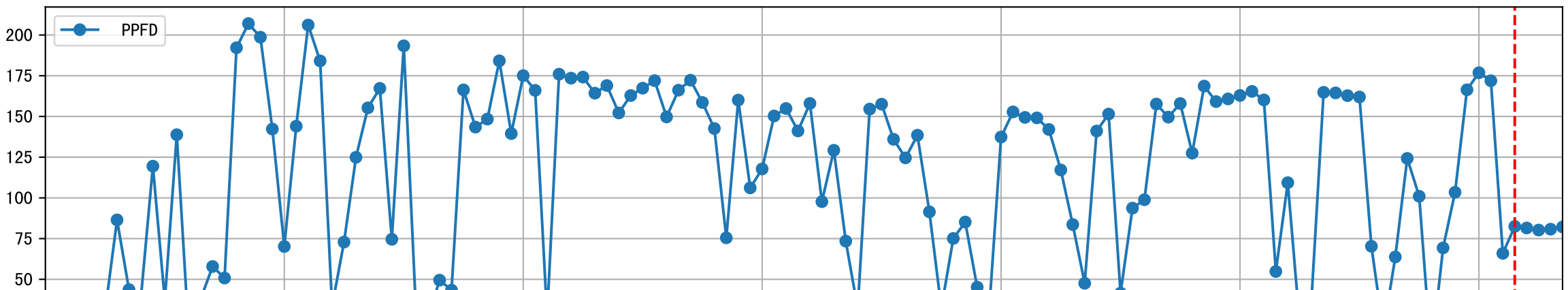

FgDaily
d
0.0
6.0
12.0
18.0
24.0
30.0
36.0
42.0
48.0
54.0
60.0
66.0
72.0
78.0
84.0
90.0
96.0
102.0
108.0
114.0
120.0
100
80
60
40
20
0
EC执行
设置PH
母液EC
回液PH
回液EC差
液量比较
进液EC
PH执行
母液PH
进液PH
排灌比
回液EC
回液PH差
设置EC
scTgtEC0
scSum

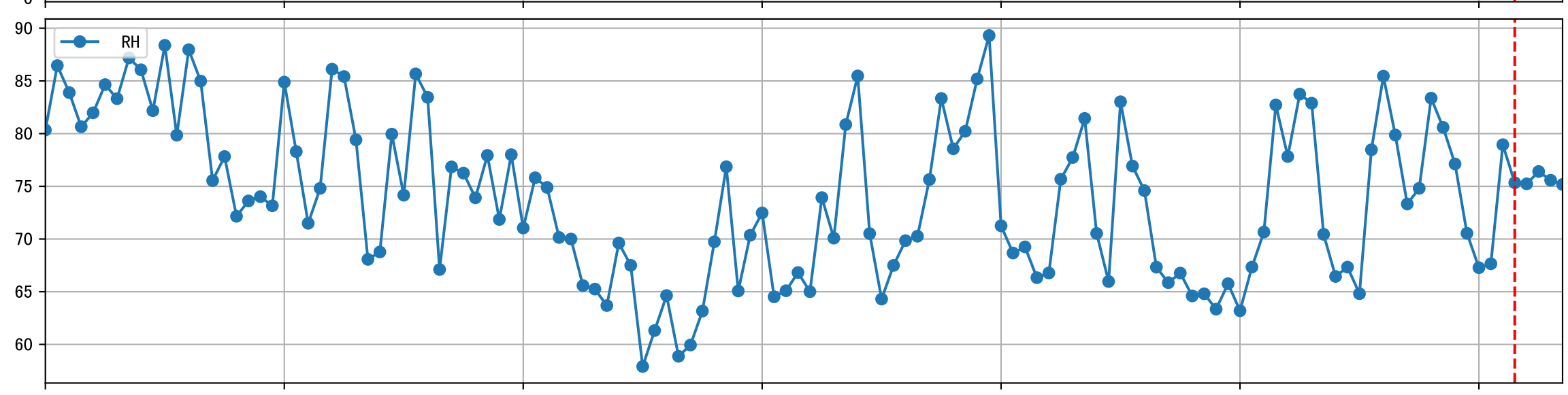
L1A2_2

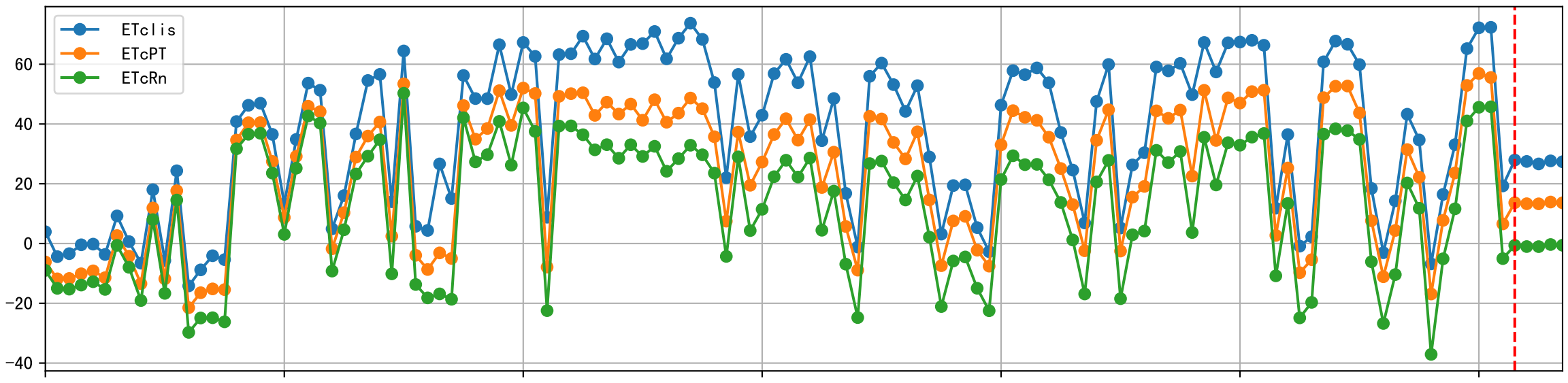




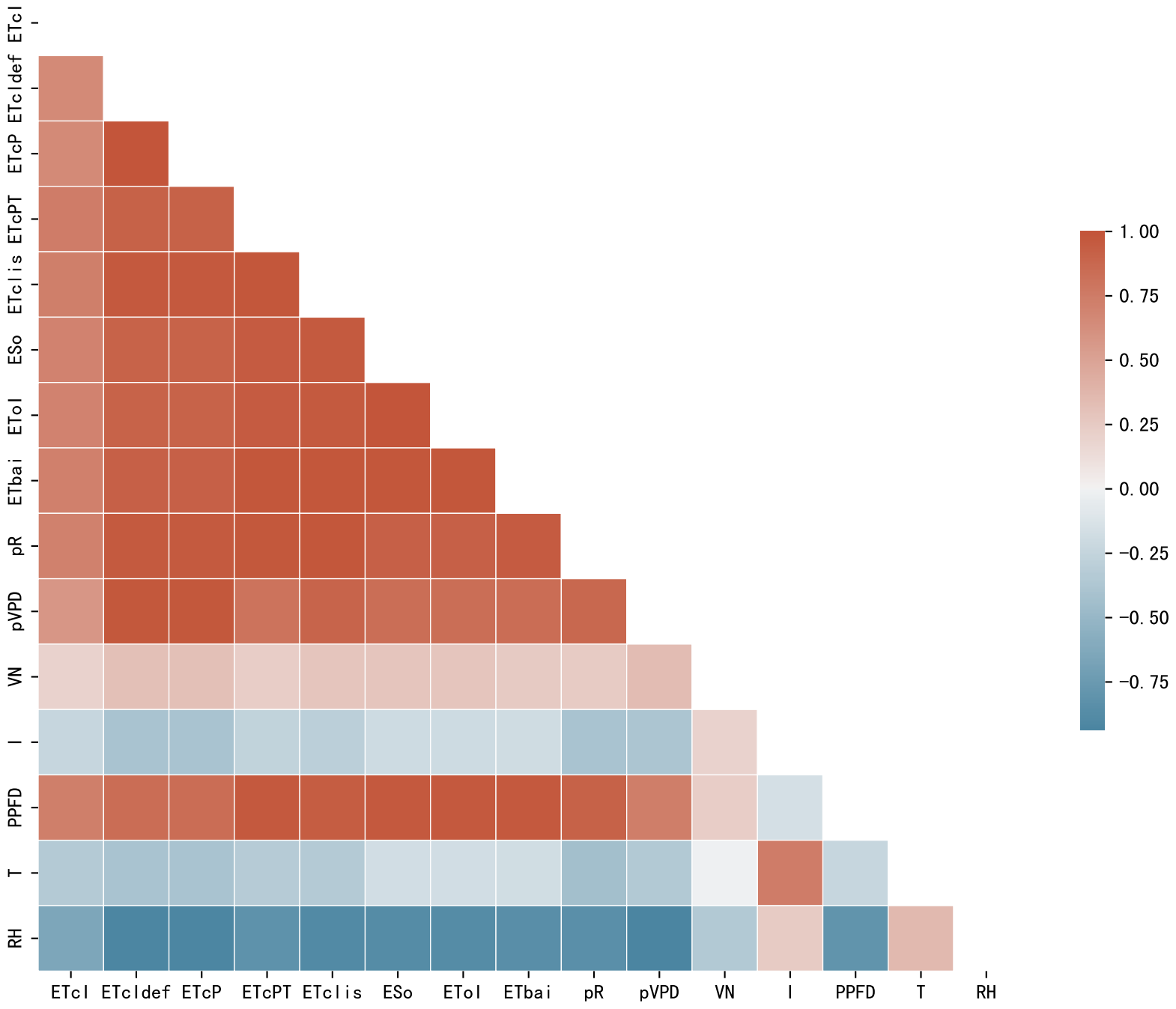


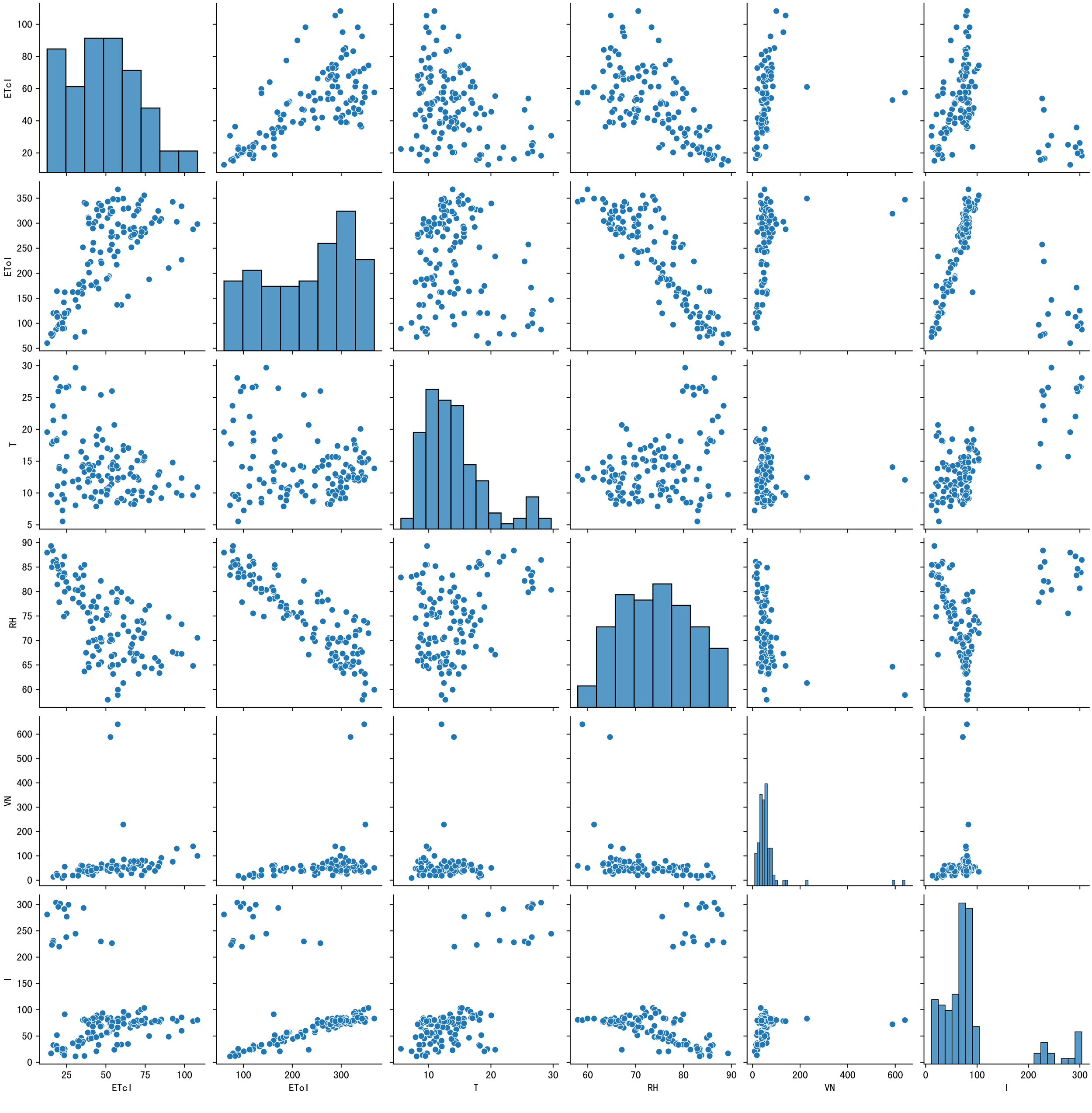


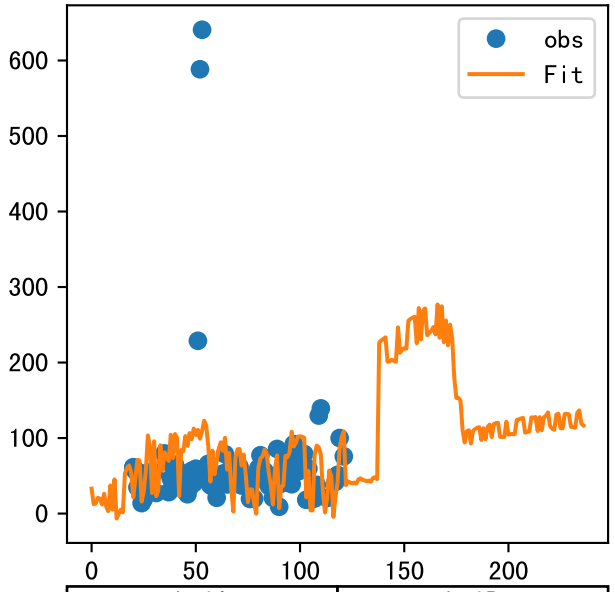


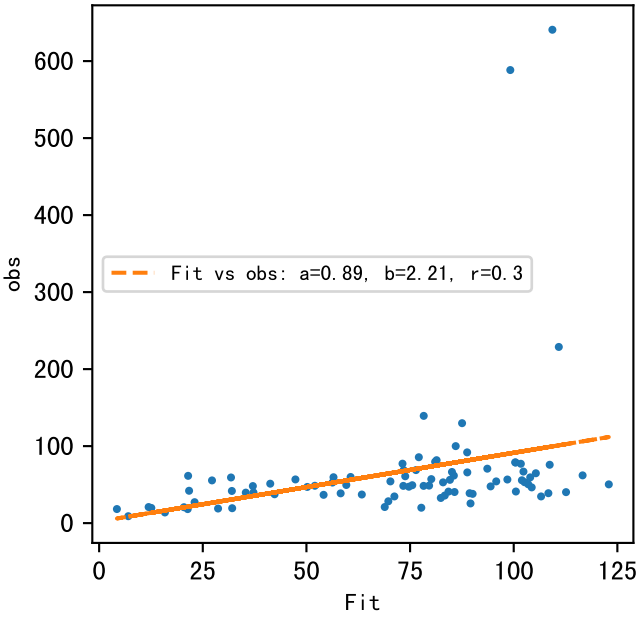


d

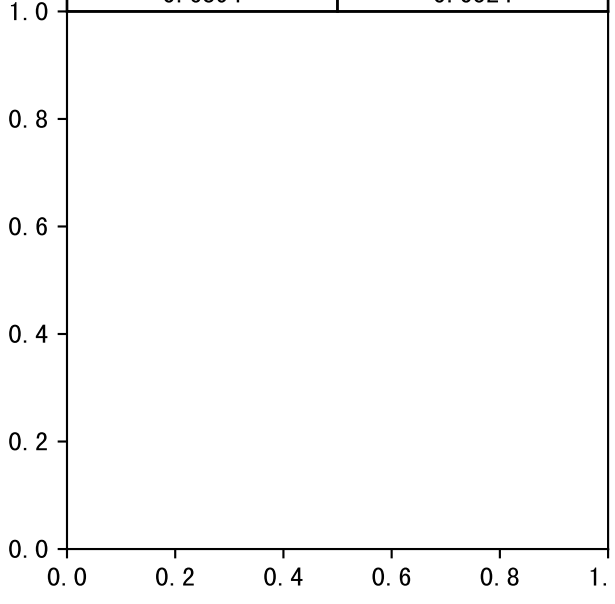

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

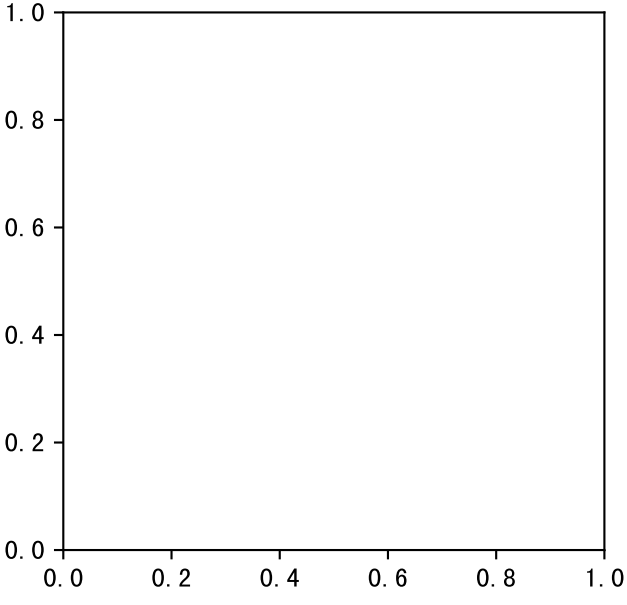

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

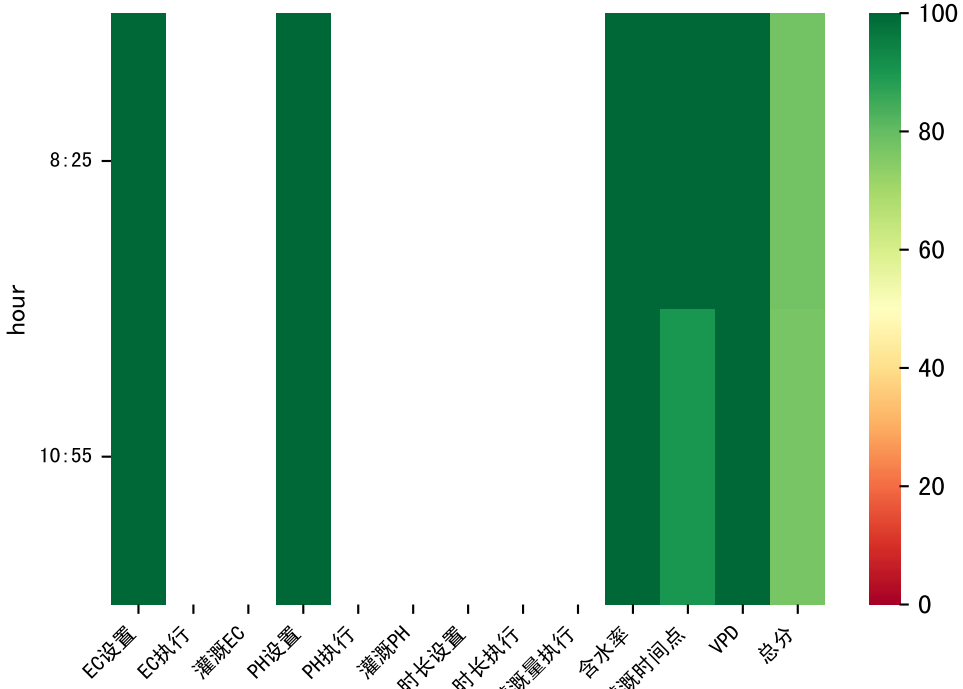




baiA	baiB
0.6394	0.0524

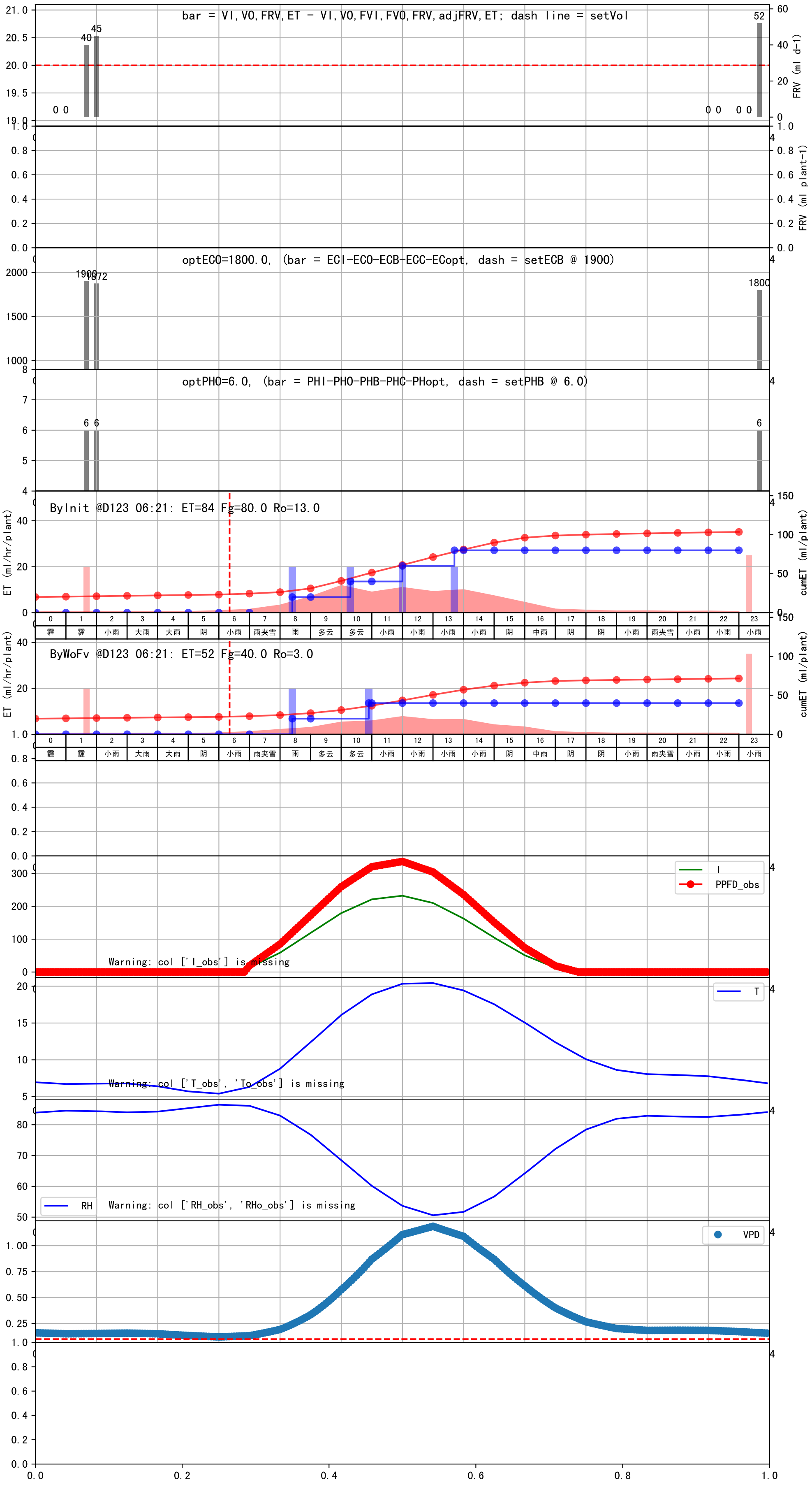


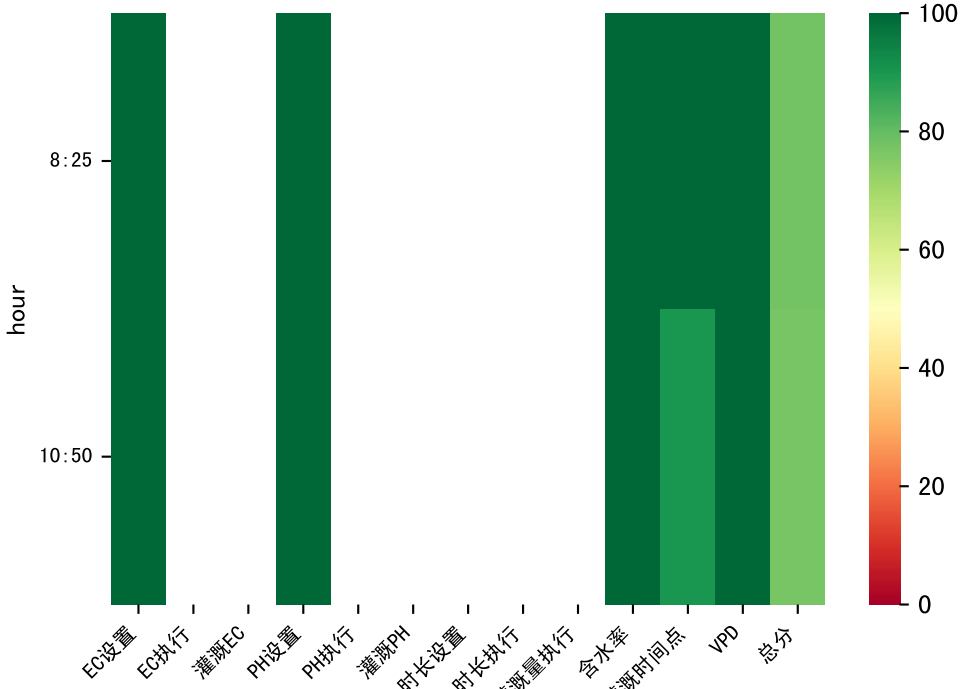



hour
8:25
10:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	36	20.0	0.081	雨	预期@08:25 自主（未用传感器）
10:55	36	20.0	0.081	多云	预期@10:55 自主（未用传感器）
总计	72.0 (2次)	40.0			建议进液EC：1900， PH：6.0

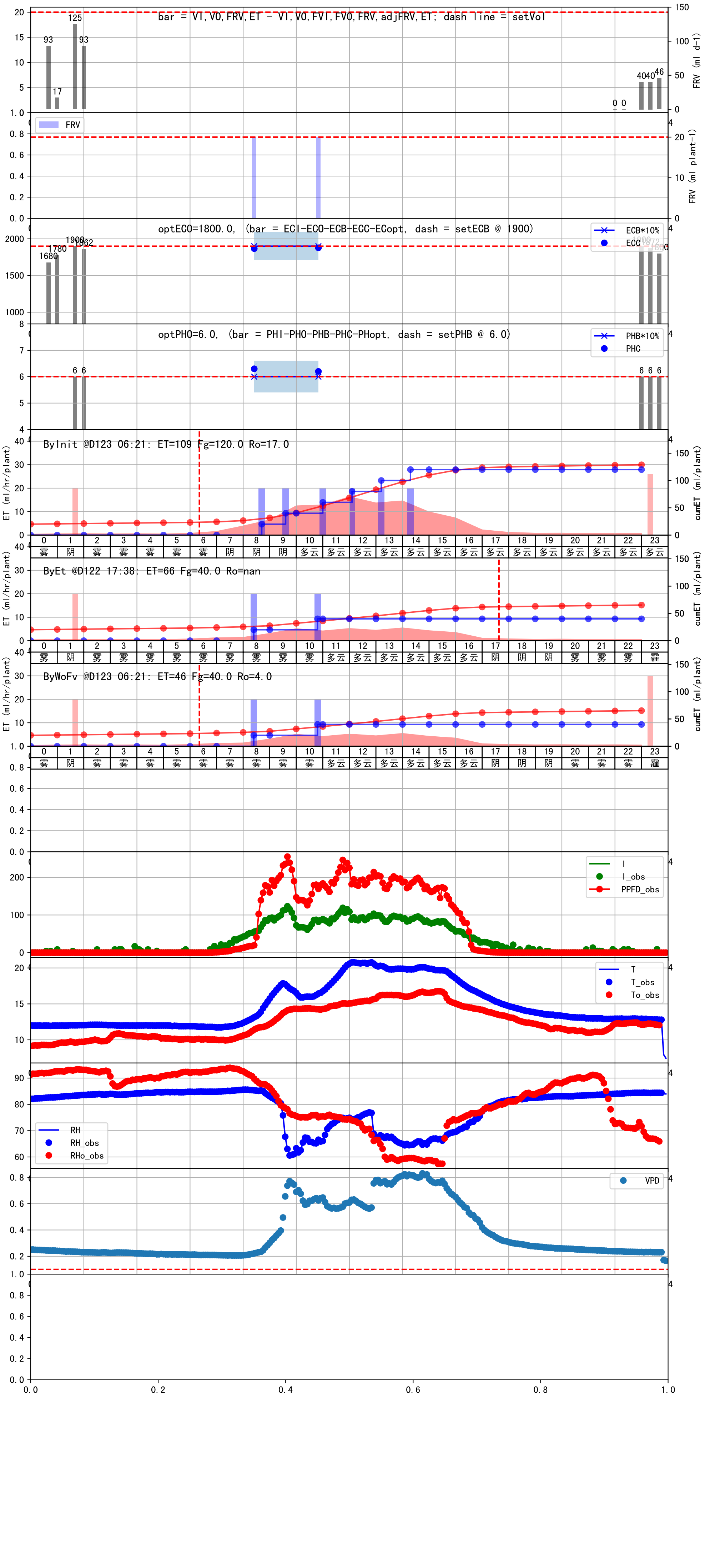
L1A2_2, Day=123 (2026-02-06)

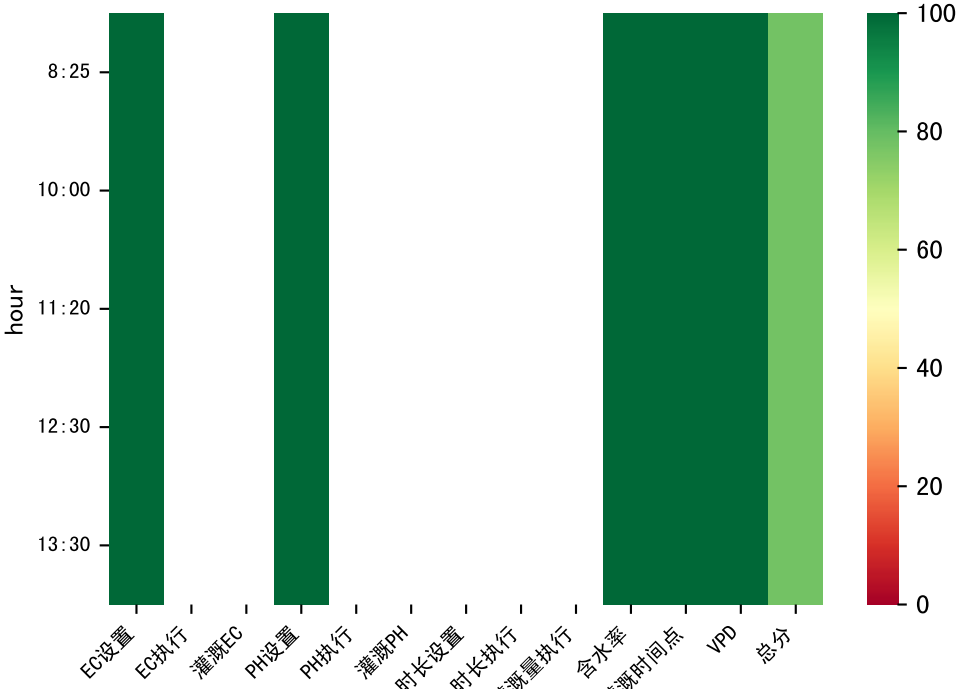



hour
8:25
10:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	36	20.0	0.081	雾	假设@08:25 自动（未用传感器）
10:50	36	20.0	0.081	雾	假设@10:50 自动（未用传感器）
总计	72.0 (2次)	40.0			建议进液EC：1900， PH：6.0

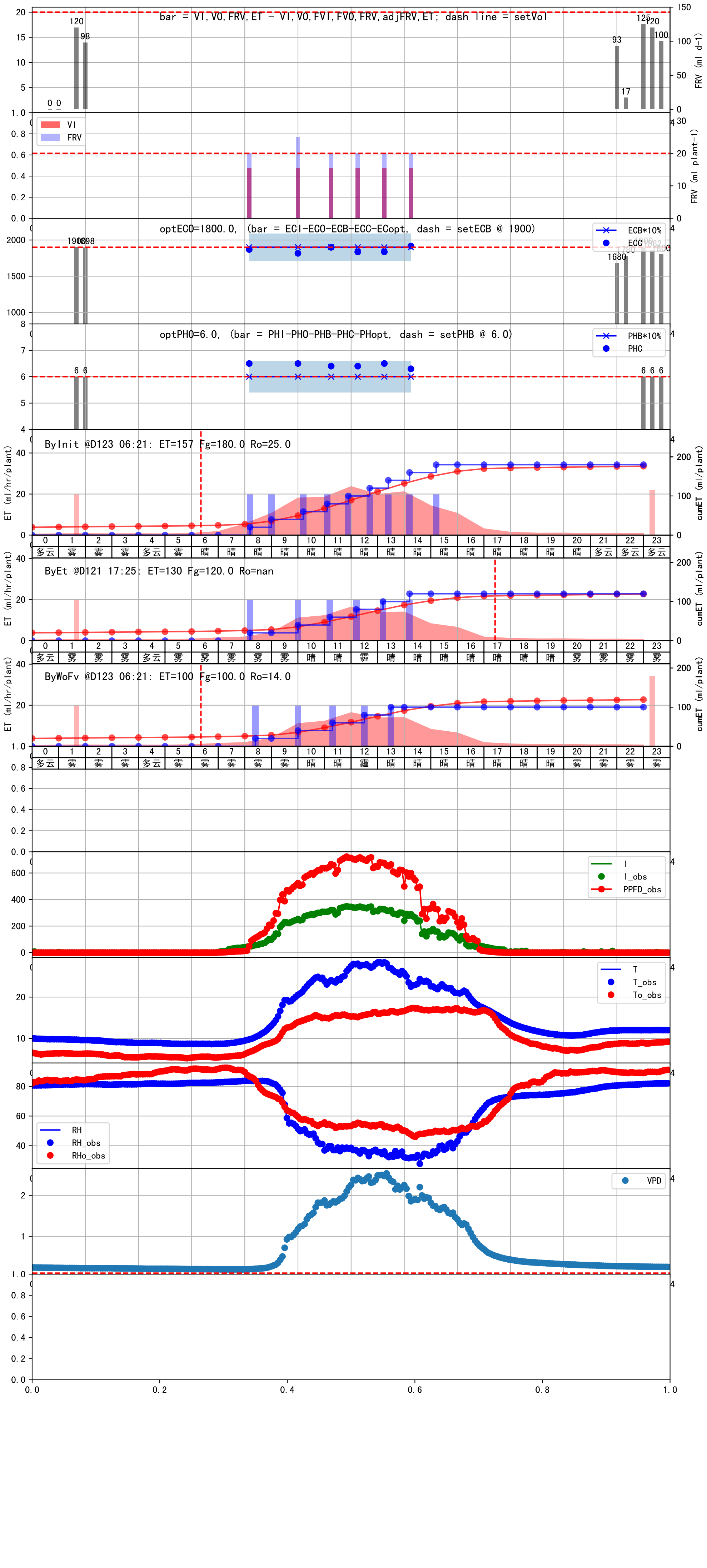
L1A2_2, Day=122.0 (2026-02-05)

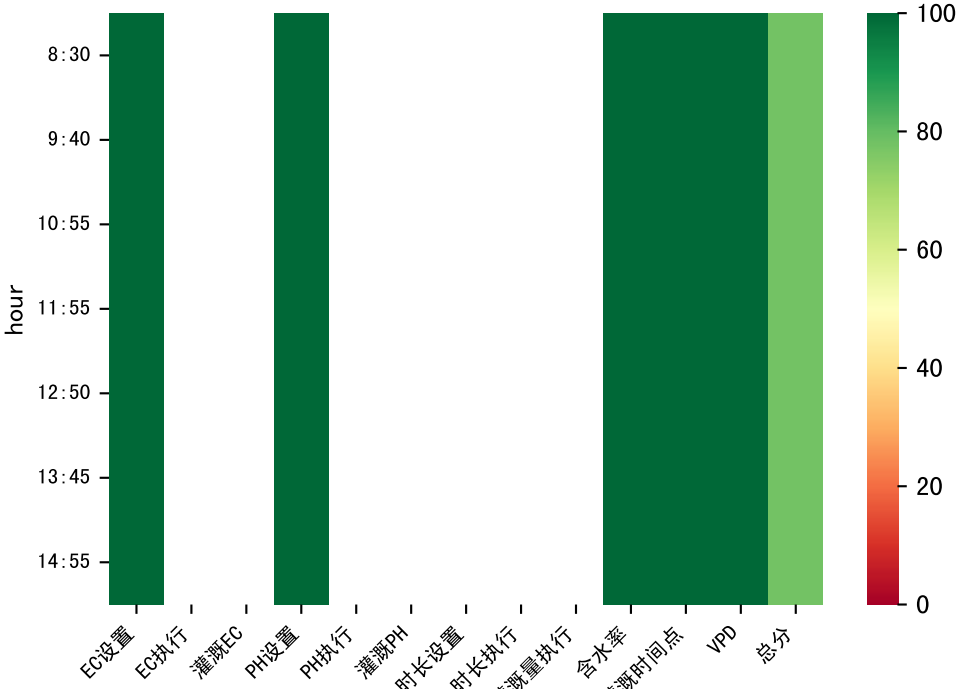



hour
8:25
10:00
11:20
12:30
13:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:25	36	20.0	0.081	雾	假设@08:25 自动（未用传感器）
10:00	36	20.0	0.081	晴	假设@10:00 自动（未用传感器）
11:20	36	20.0	0.081	晴	假设@11:20 自动（未用传感器）
12:30	36	20.0	0.081	霾	假设@12:30 自动（未用传感器）
13:30	36	20.0	0.081	晴	假设@13:30 自动（未用传感器）
总计	180.0 (5次)	100.0			建议进液EC：1900， PH：6.0

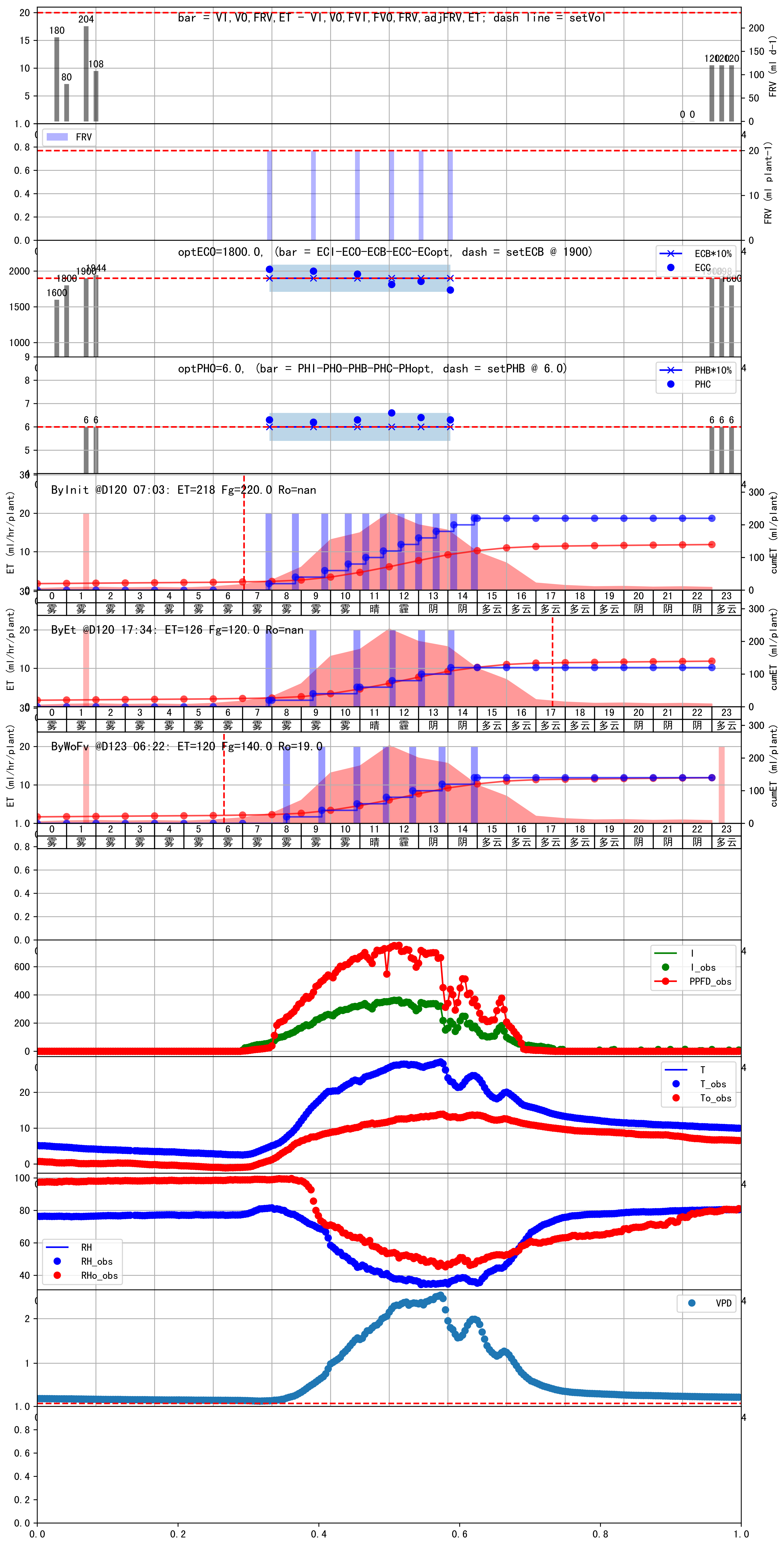
L1A2_2, Day=121.0 (2026-02-04)

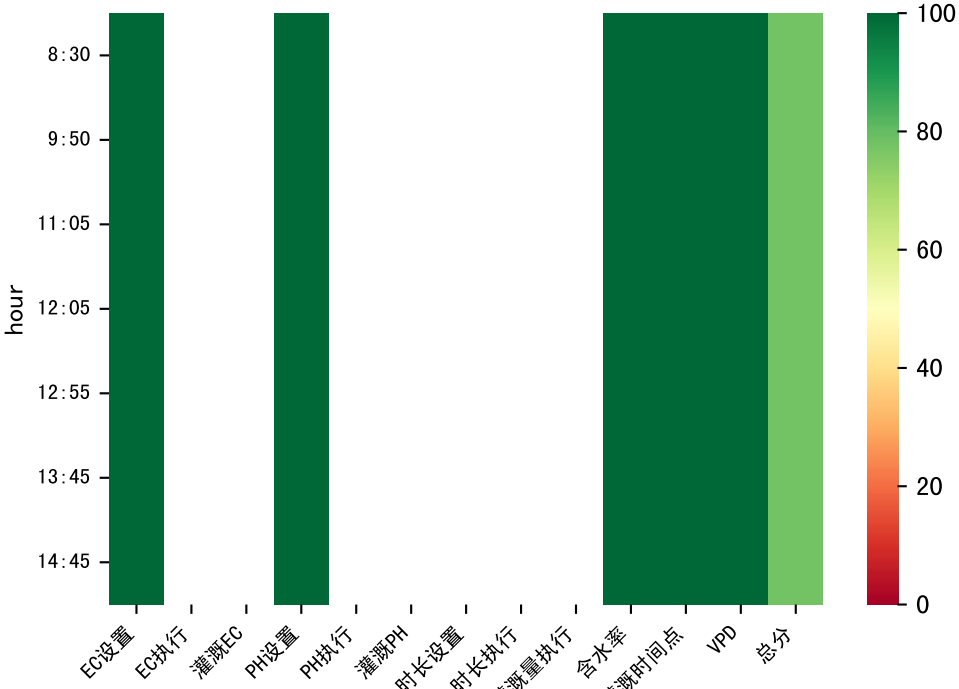



hour
8:30
9:40
10:55
11:55
12:50
13:45
14:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	36	20.0	0.081	雾	假设@08:30 自动（未用传感器）
09:40	36	20.0	0.081	雾	假设@09:40 自动（未用传感器）
10:55	36	20.0	0.081	雾	假设@10:55 自动（未用传感器）
11:55	36	20.0	0.081	晴	假设@11:55 自动（未用传感器）
12:50	36	20.0	0.081	霾	假设@12:50 自动（未用传感器）
13:45	36	20.0	0.081	阴	假设@13:45 自动（未用传感器）
14:55	36	20.0	0.081	阴	假设@14:55 自动（未用传感器）
总计	252.0 (7次)	140.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=120.0 (2026-02-03)




hour
8:30
9:50
11:05
12:05
12:55
13:45
14:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:30	36	20.0	0.081	雾	假设@08:30 自动（未用传感器）
09:50	36	20.0	0.081	雾	假设@09:50 自动（未用传感器）
11:05	36	20.0	0.081	雾	假设@11:05 自动（未用传感器）
12:05	36	20.0	0.081	晴	假设@12:05 自动（未用传感器）
12:55	36	20.0	0.081	晴	假设@12:55 自动（未用传感器）
13:45	36	20.0	0.081	晴	假设@13:45 自动（未用传感器）
14:45	36	20.0	0.081	晴	假设@14:45 自动（未用传感器）
总计	252.0 (7次)	140.0			建议进液EC：1900， PH：6.0

L1A2_2, Day=119.0 (2026-02-02)