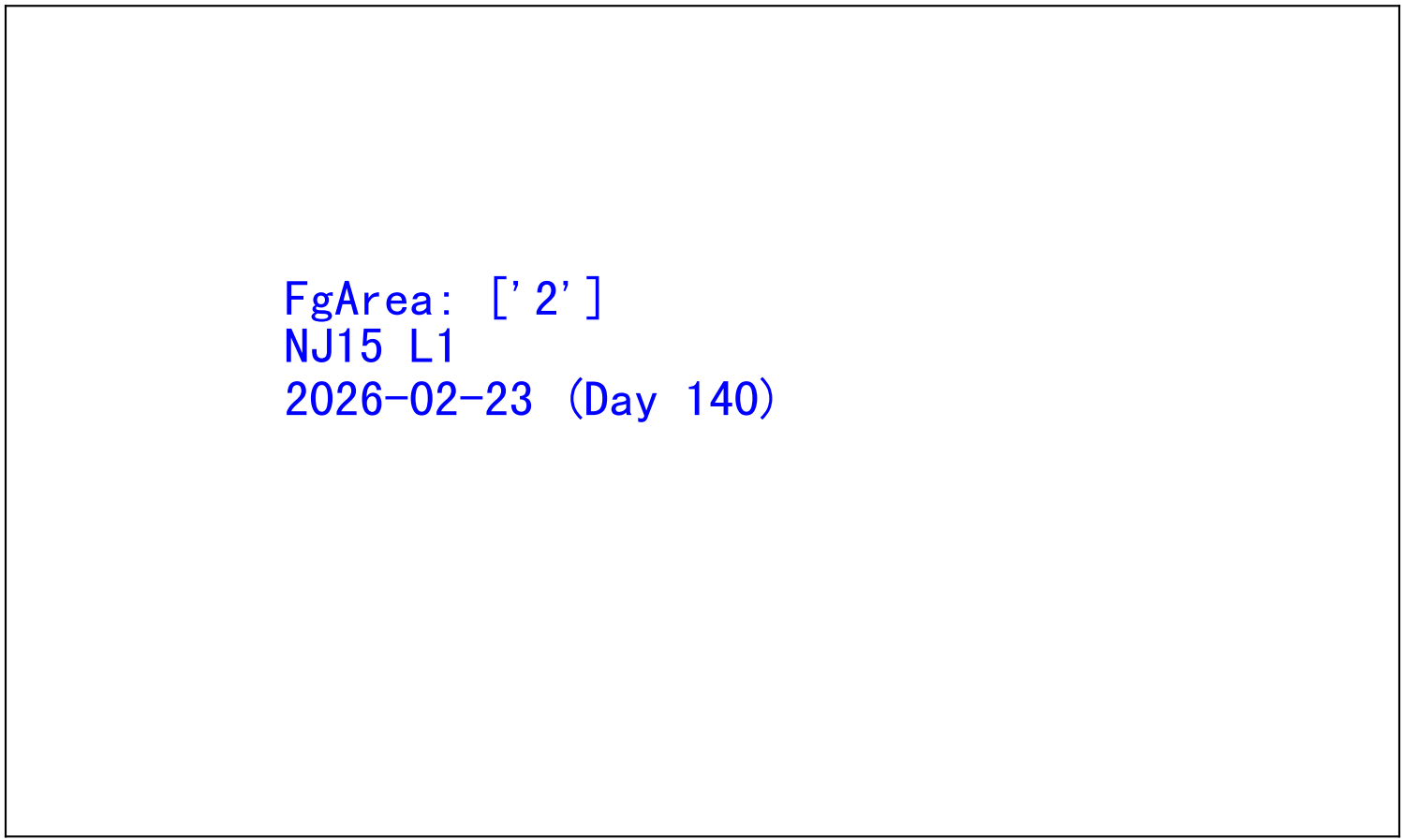
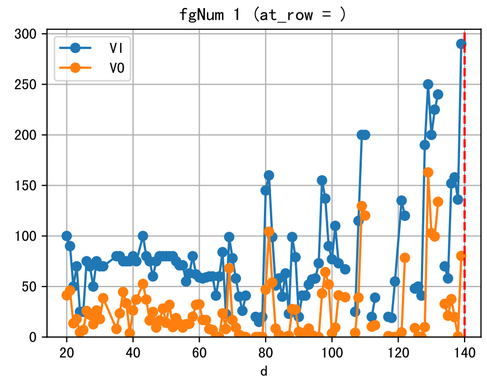
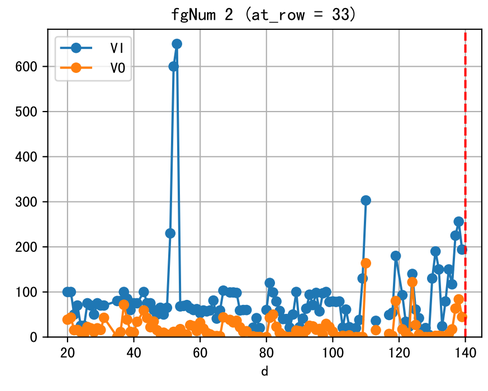
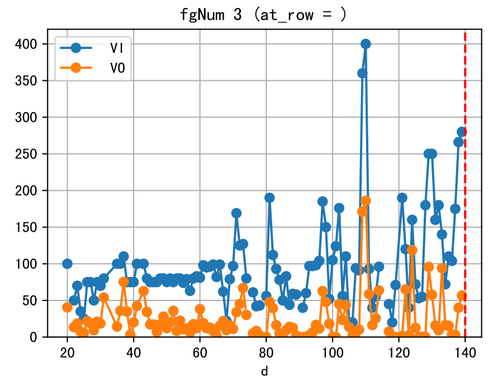
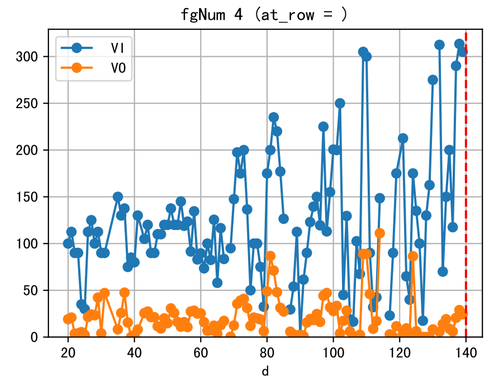
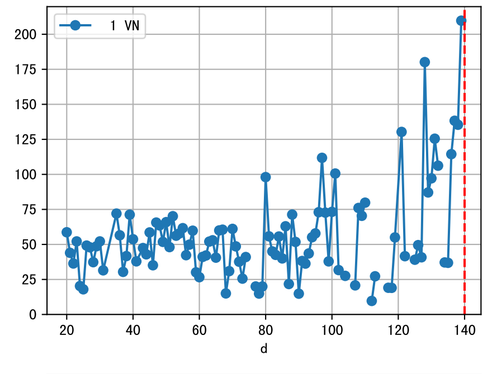

FgArea: ['2']
NJ15 L1
2026-02-23 (Day 140)

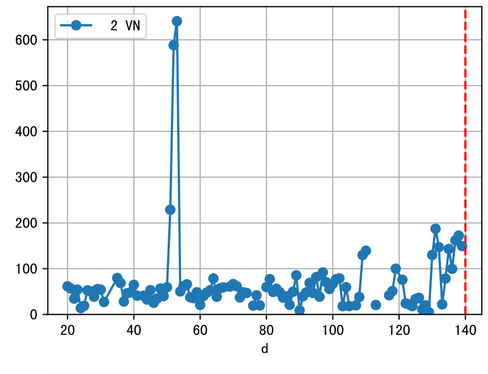

fgNum 1 (at_row = )
VI
VO
d

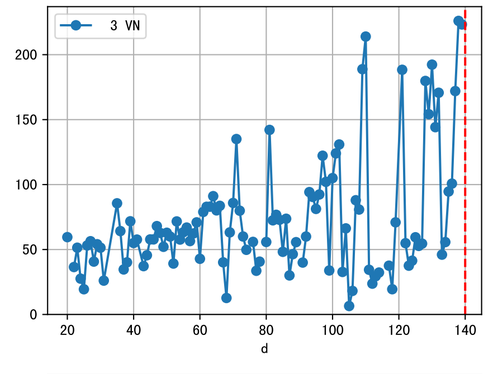

fgNum 2 (at_row = 33)
VI
VO
d

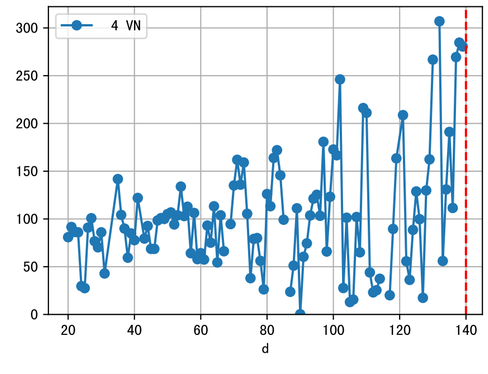

fgNum 3 (at_row = )
VI
VO
d

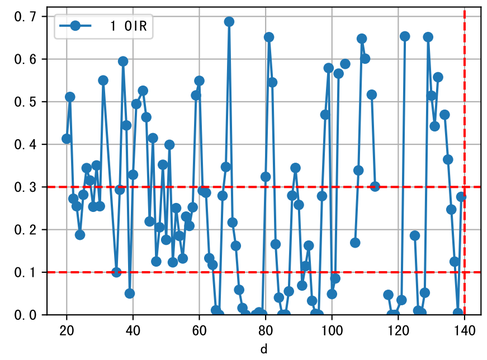

fgNum 4 (at_row = )
VI
VO
d

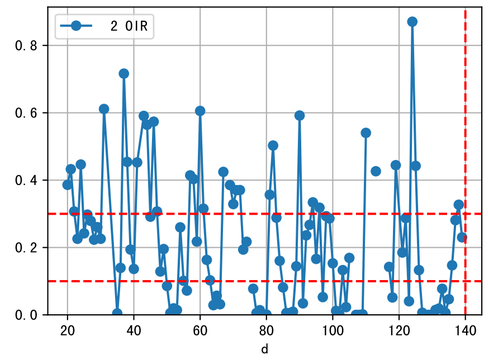

1 VN
d

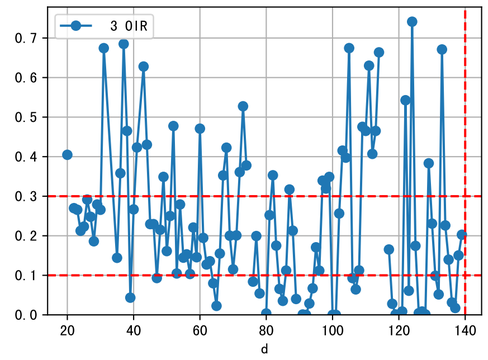

2 VN
d

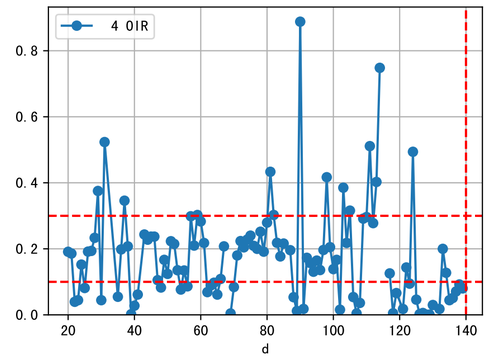

3 VN
d

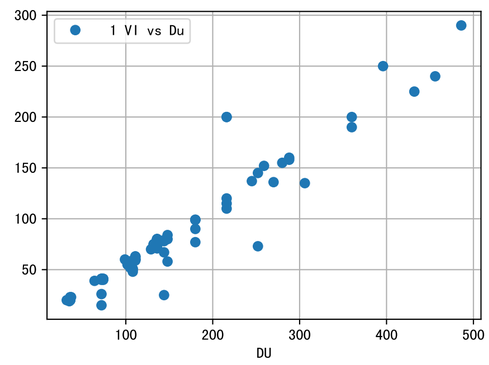

4 VN
d

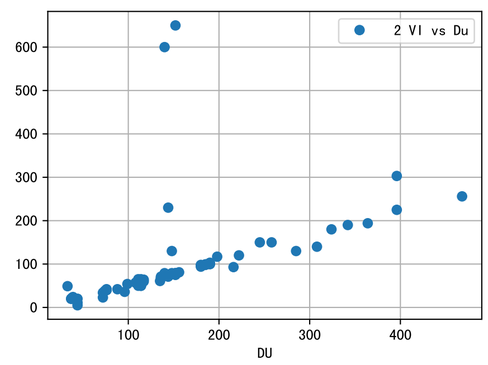

1 OIR
d

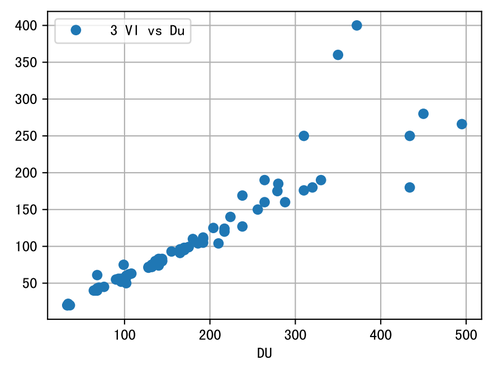

2 OIR
d

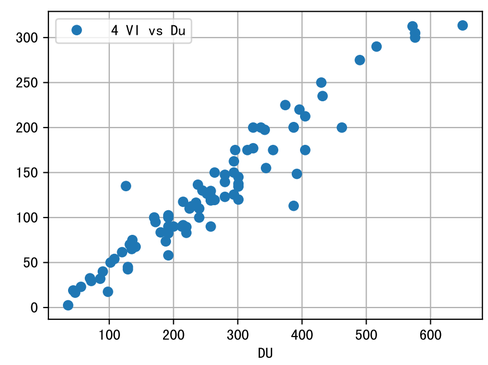

3 OIR
d

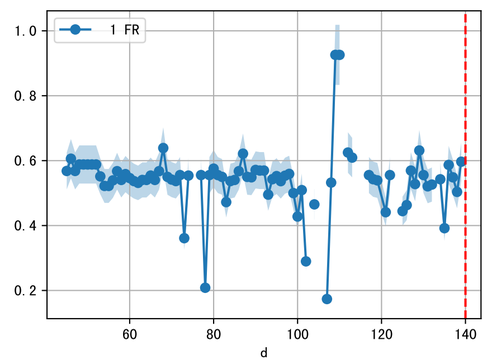

4 OIR
d

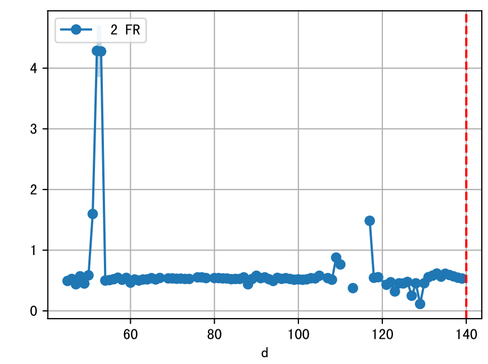

1 VI vs Du
DU

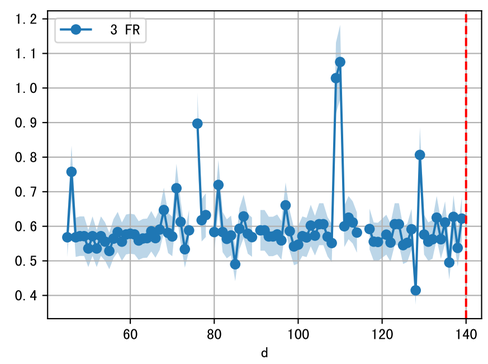

2 VI vs Du
DU

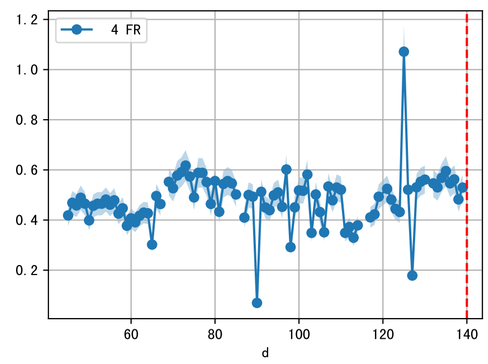

3 VI vs Du
DU

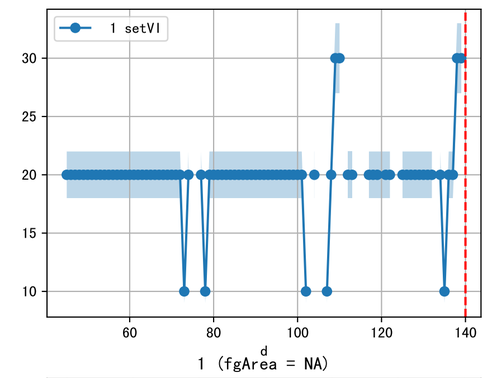

4 VI vs Du
DU

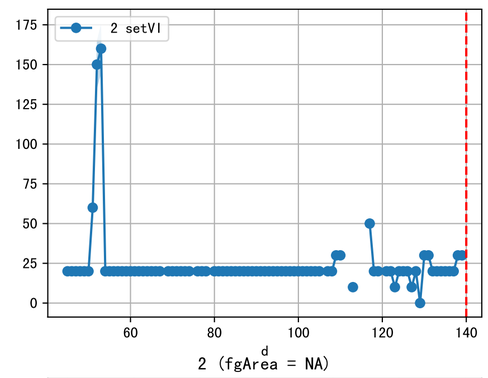

1 FR
d

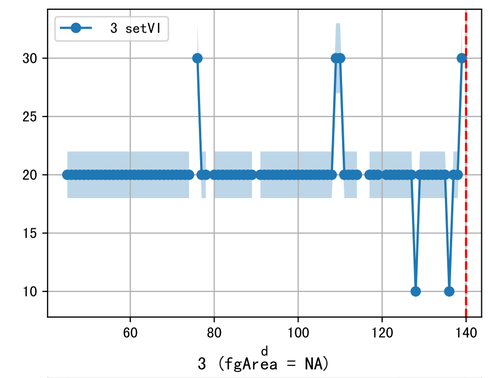

2 FR
d

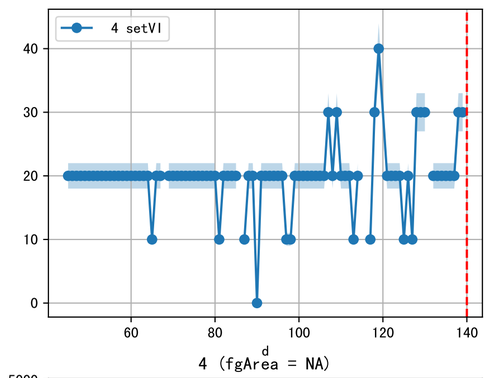

3 FR
d

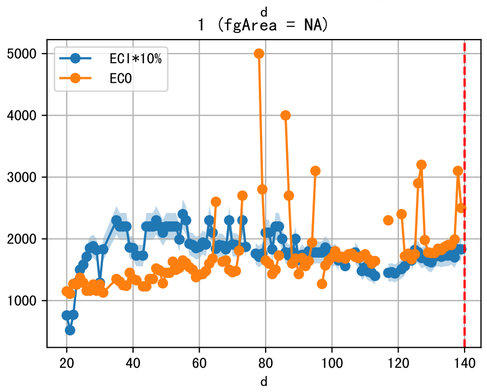

4 FR
d

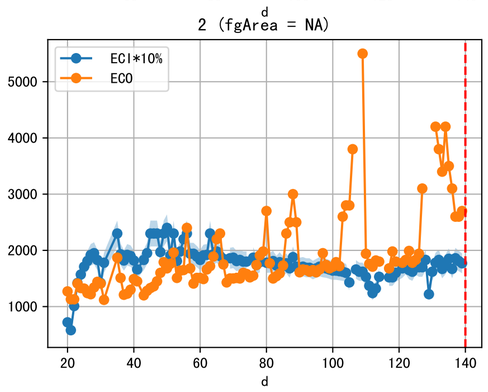

1 setVI
d

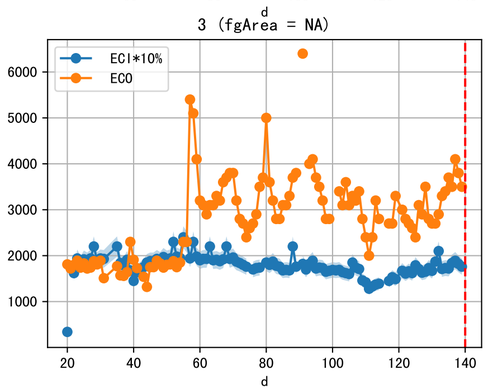

2 setVI
d

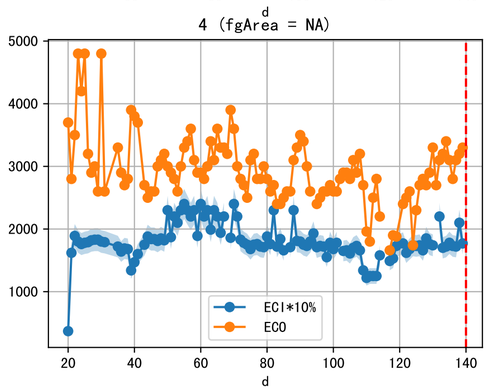

3 setVI
d

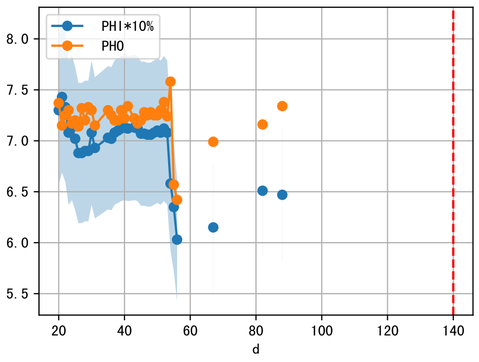
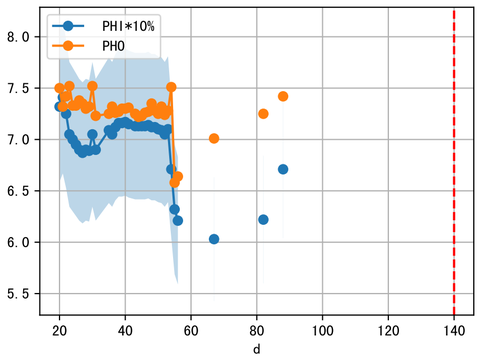
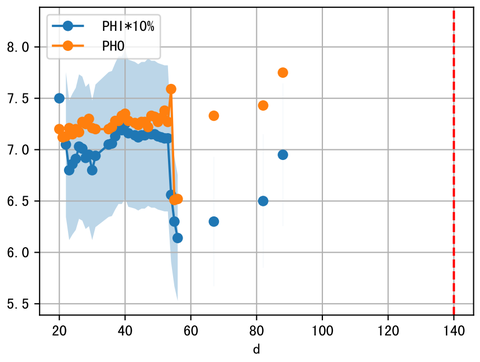
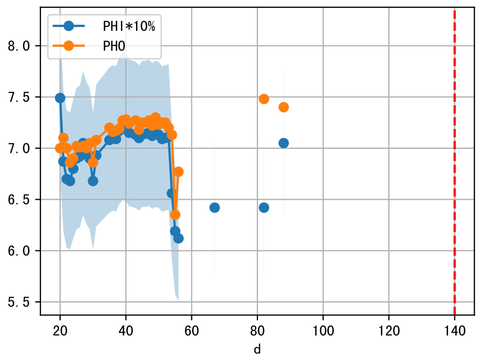

4 setVI
d

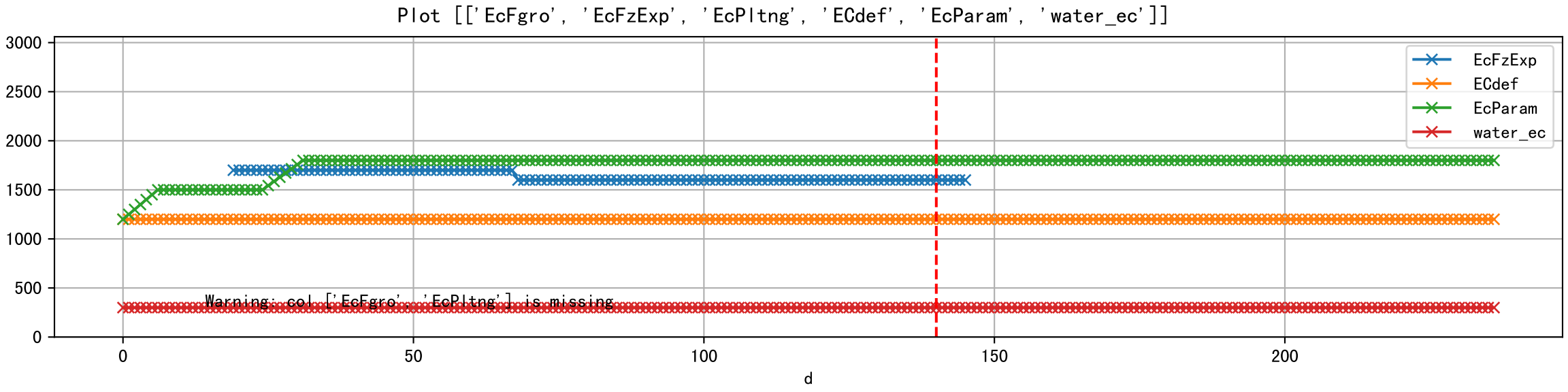

1 (fgArea = NA)
ECI*10%
ECO
d

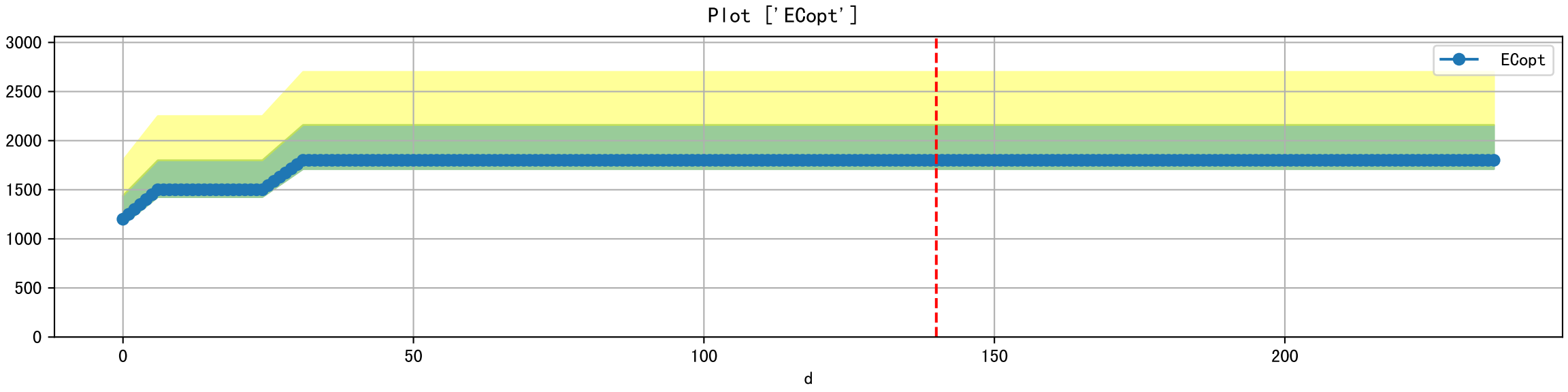

2 (fgArea = NA)
ECI*10%
ECO
d


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

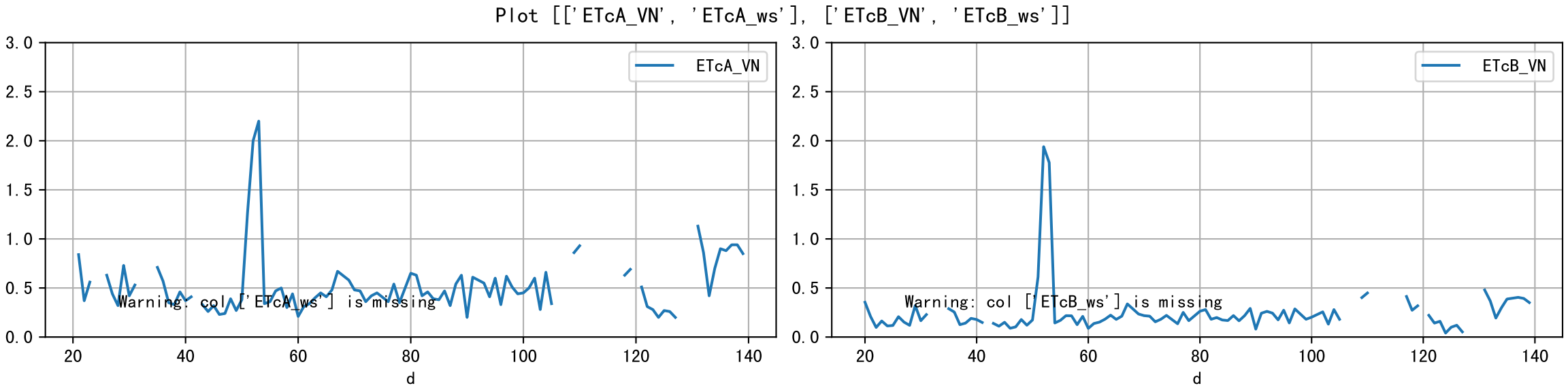

4 (fgArea = NA)
ECI*10%
ECO
d

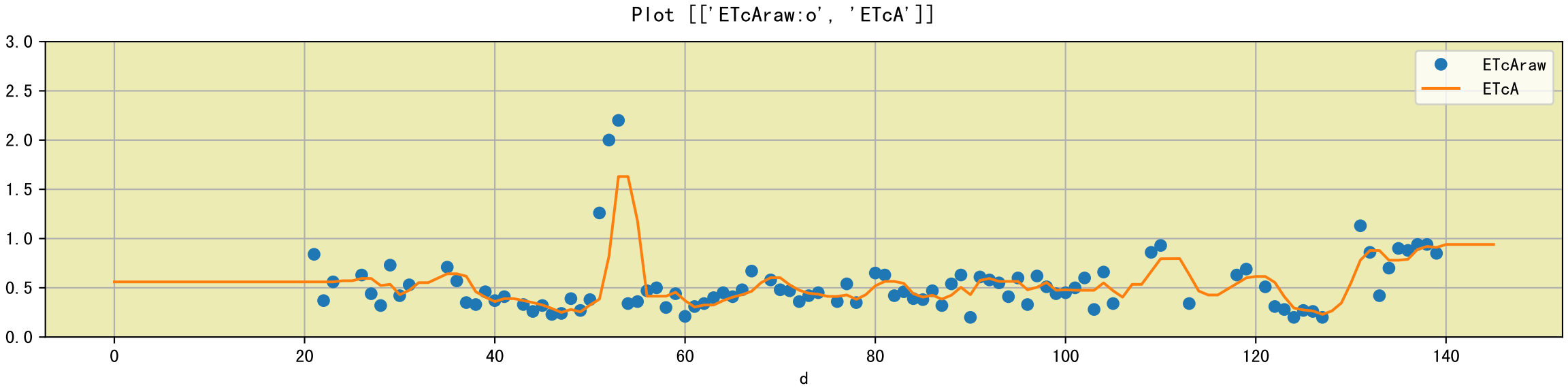

PHI*10%
PH0
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PH0
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PH0
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

PHI*10%
PH0
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
140
d

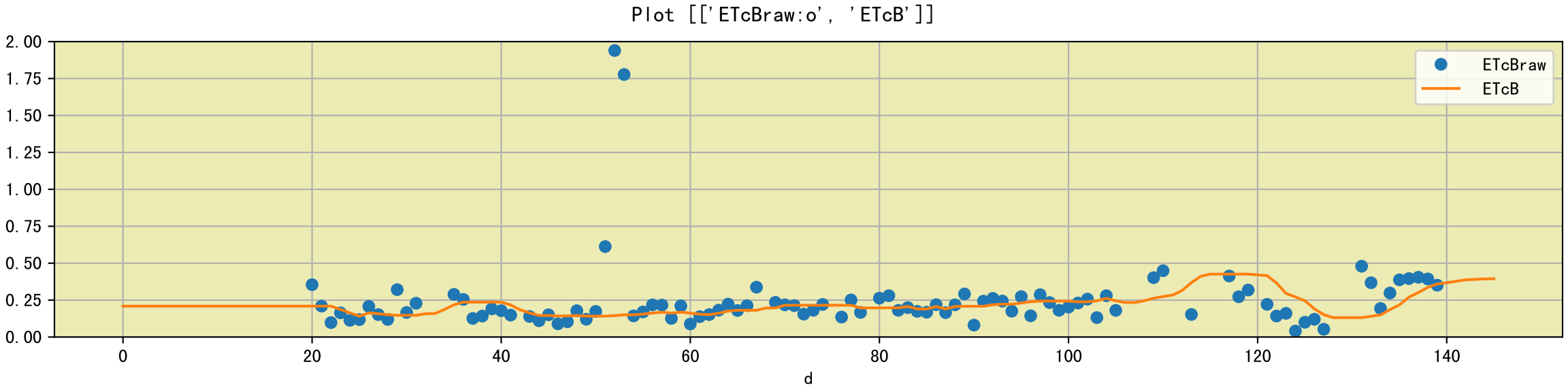

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d


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

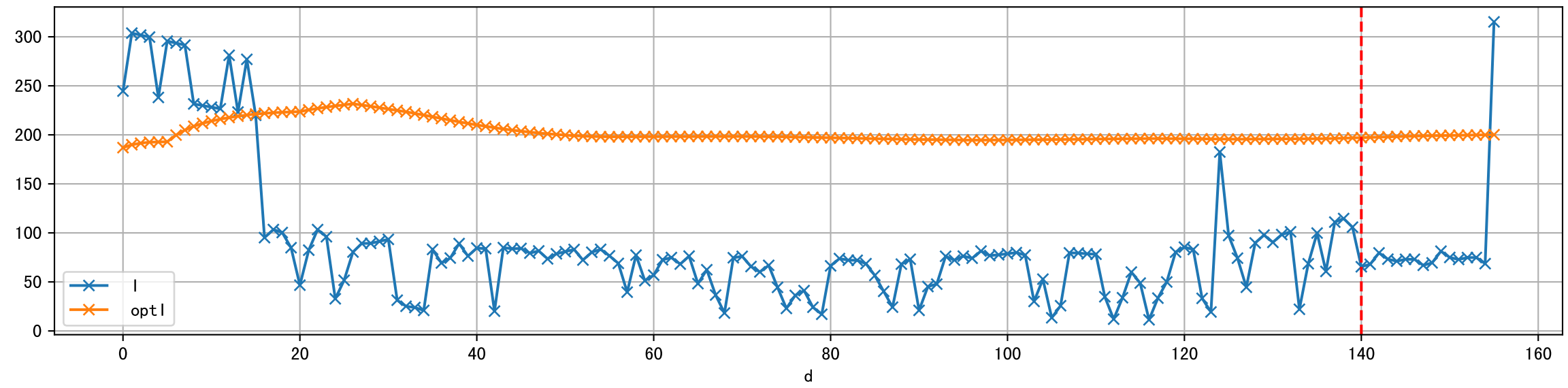
Plot Sensor and FgRec Data

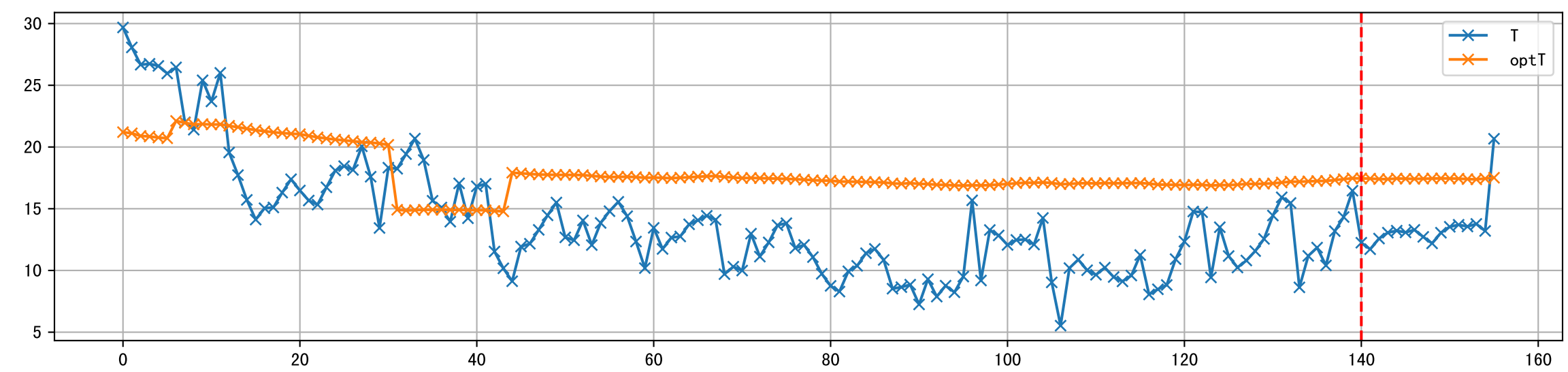

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

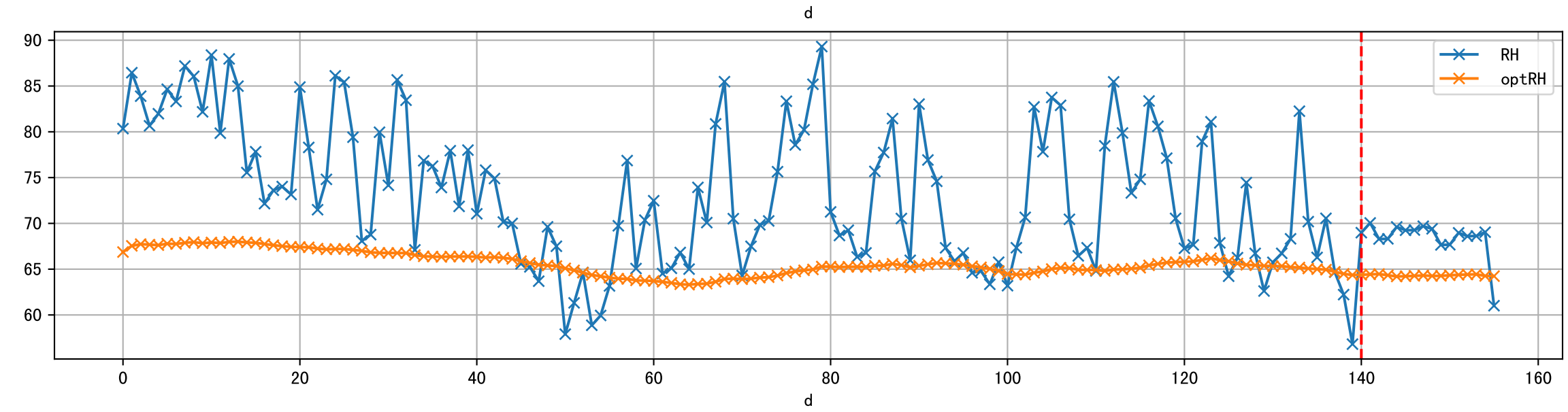

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
d
ETcAraw
ETcA

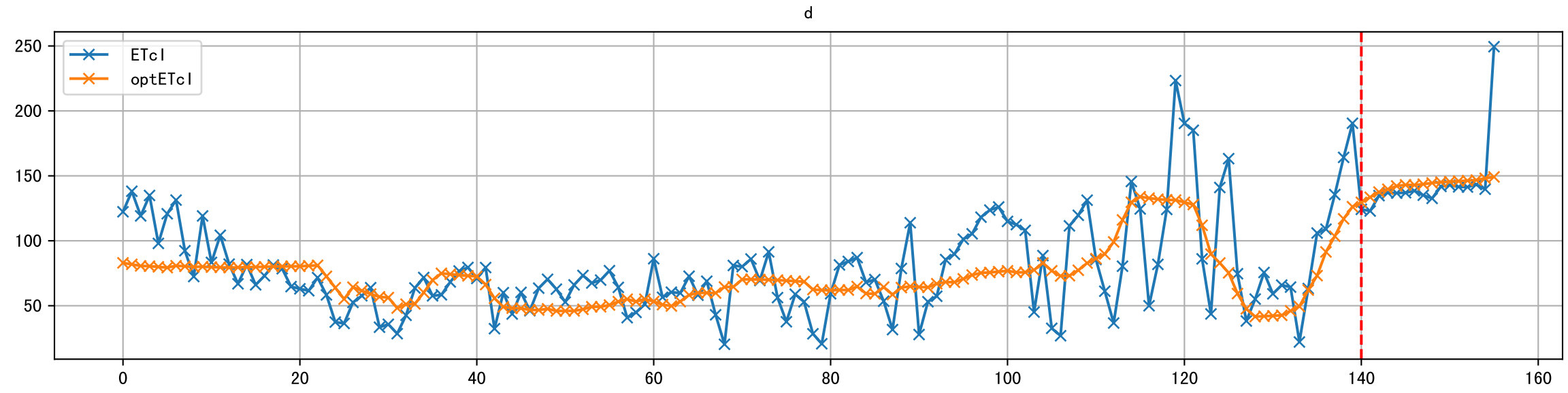

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
d

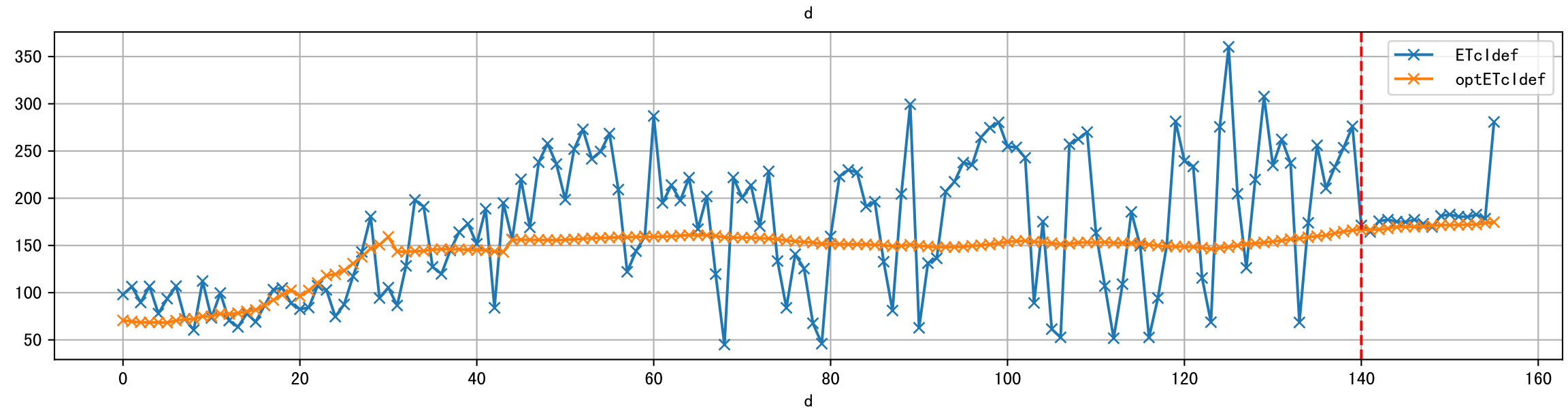
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['EToI', 'optEToI'], 'LAI', ['optEtRate', 'optEtRateDef', '

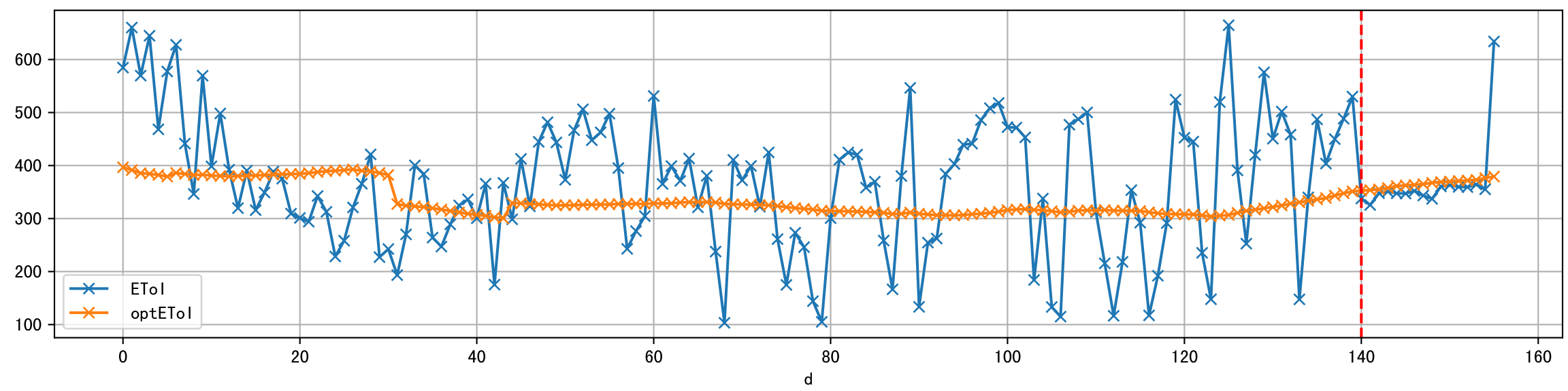


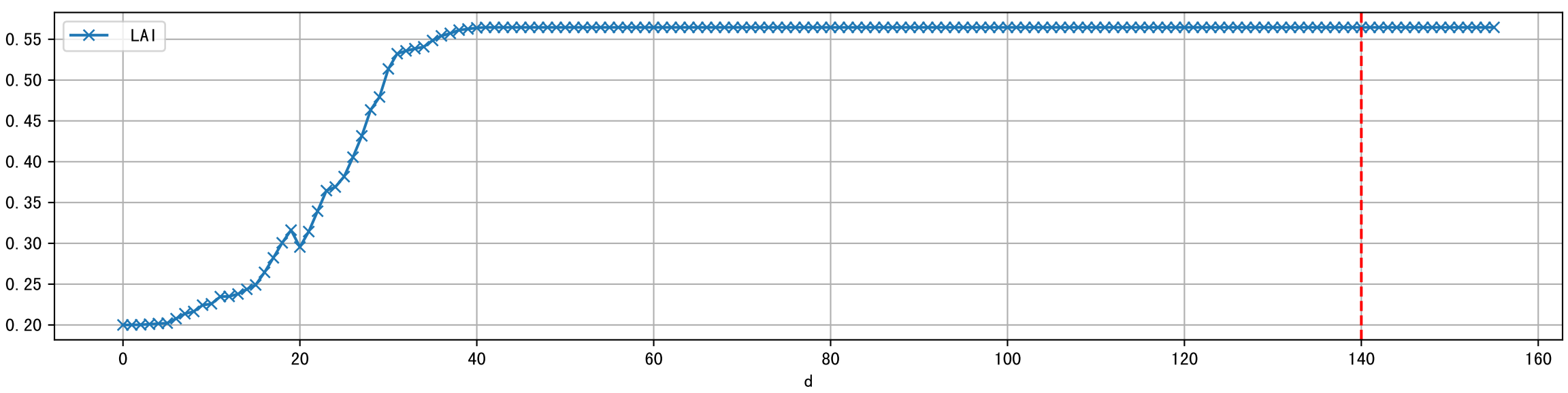



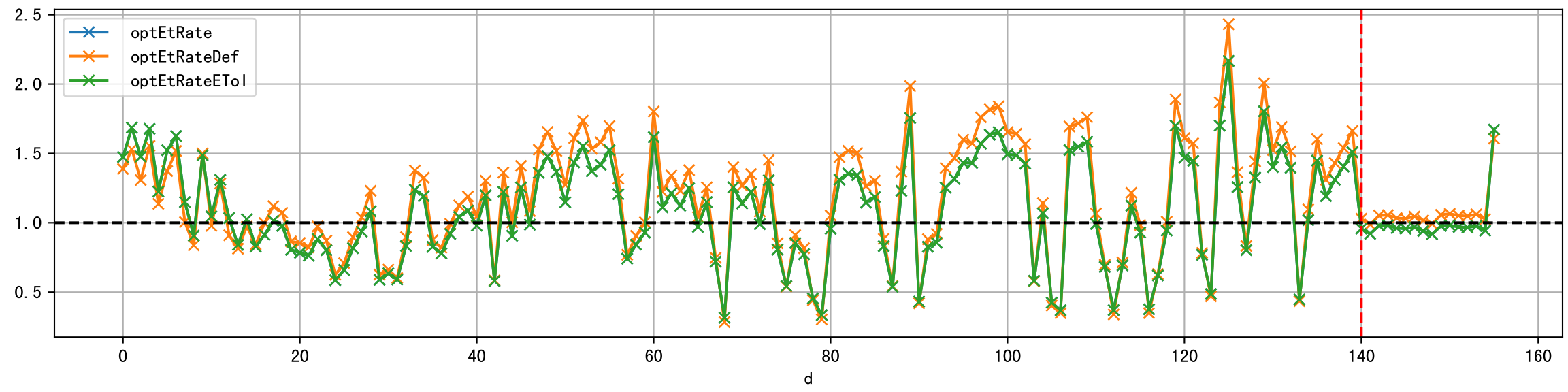



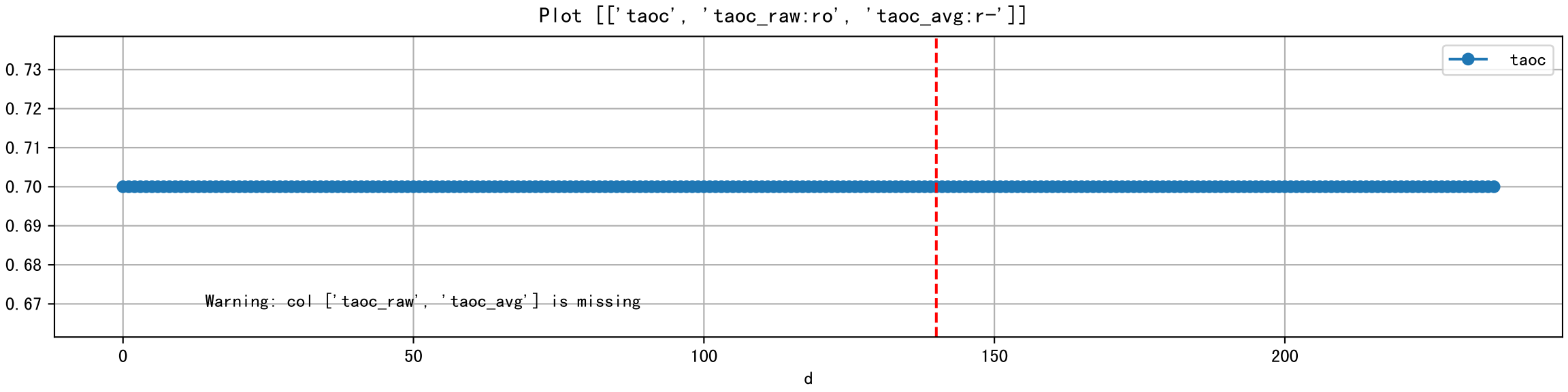



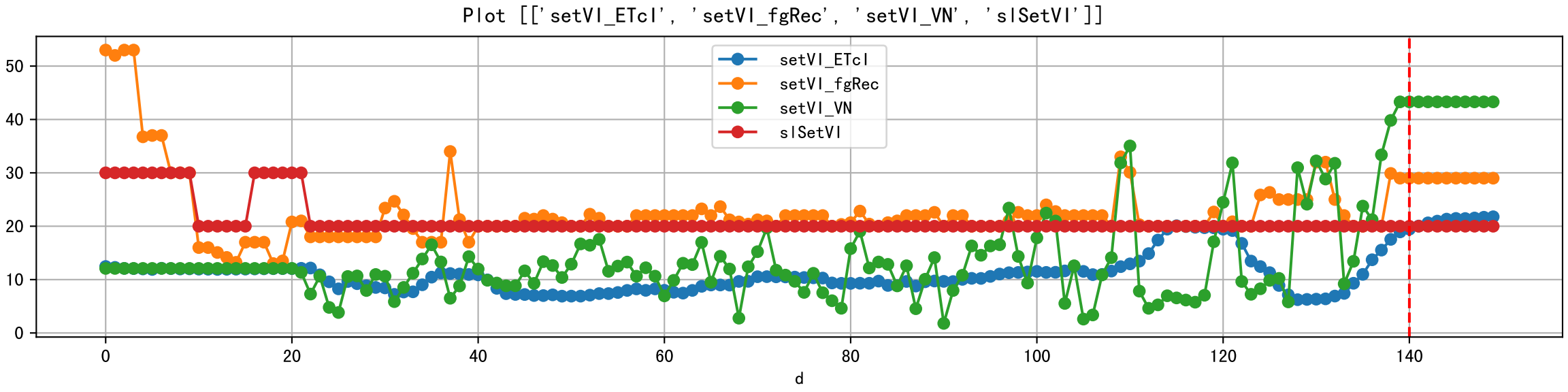



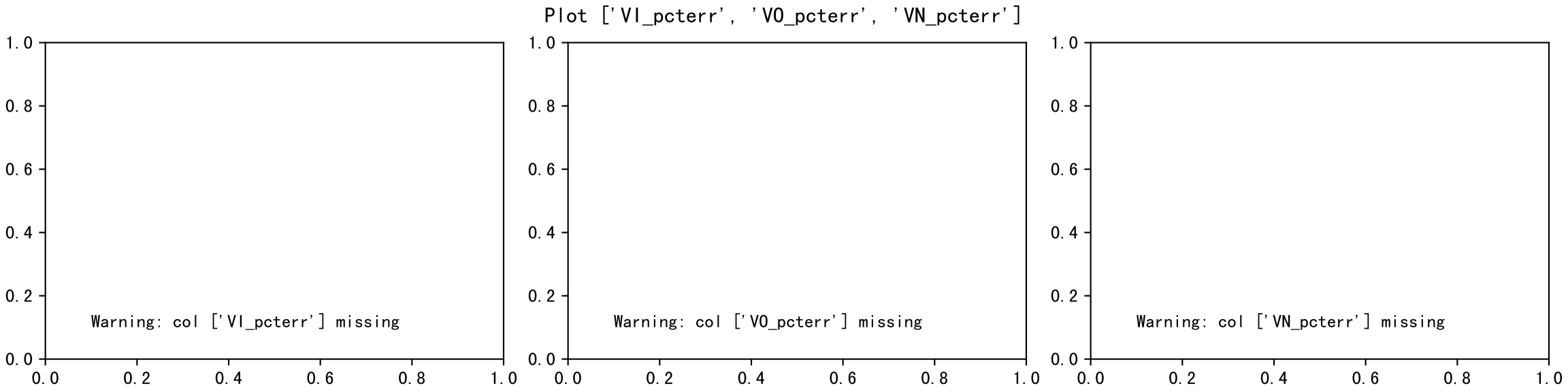



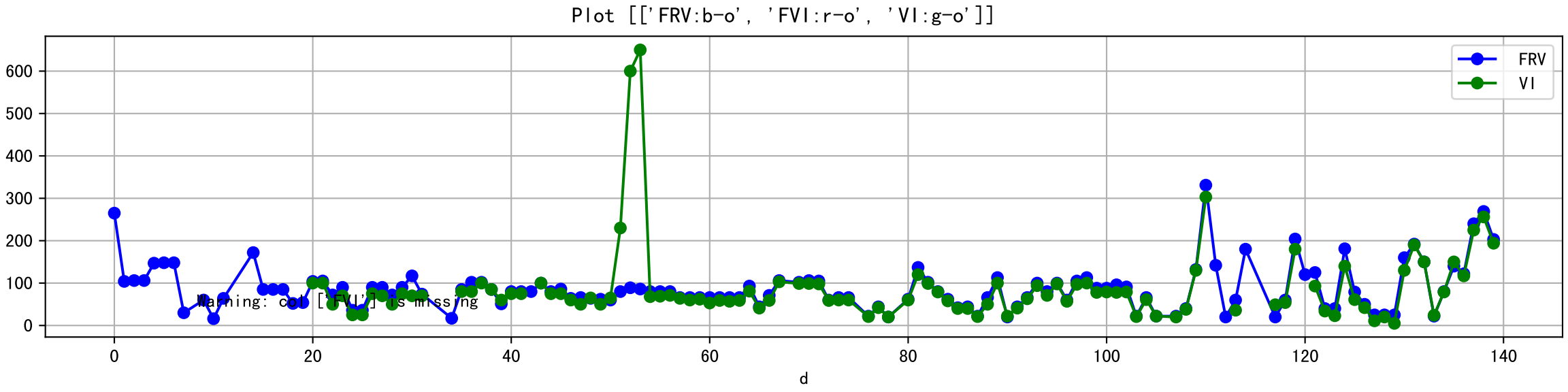



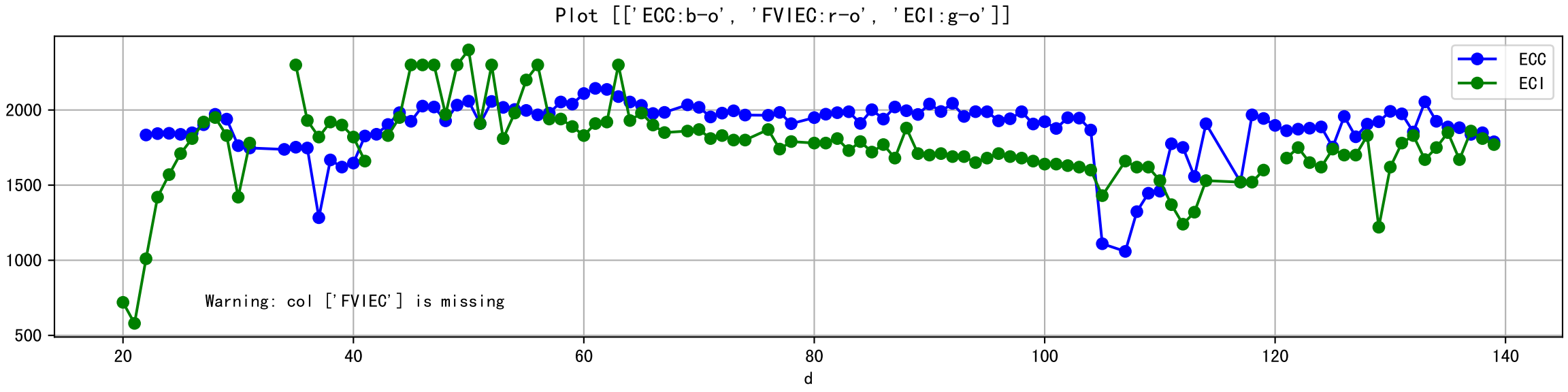



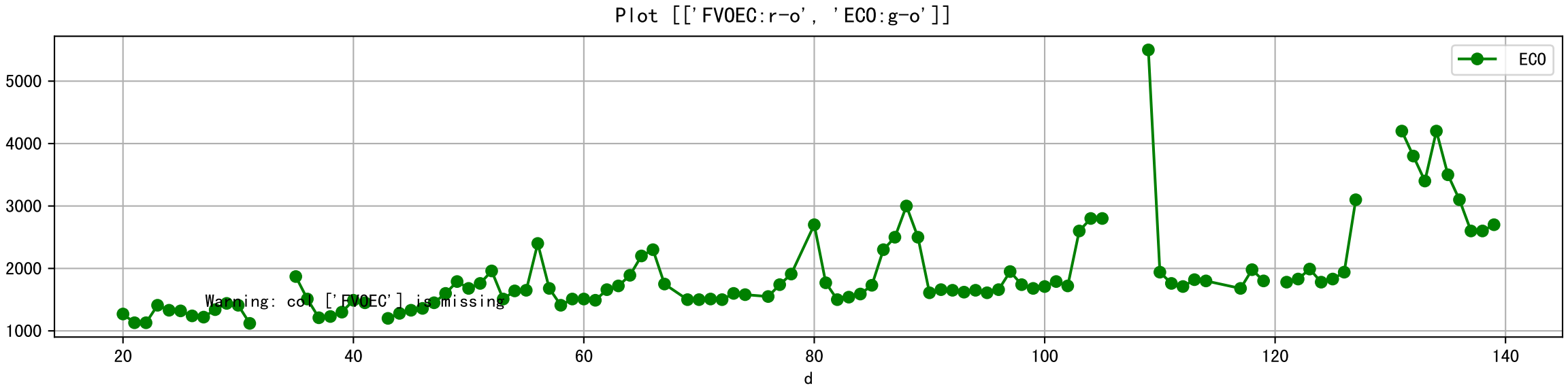

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

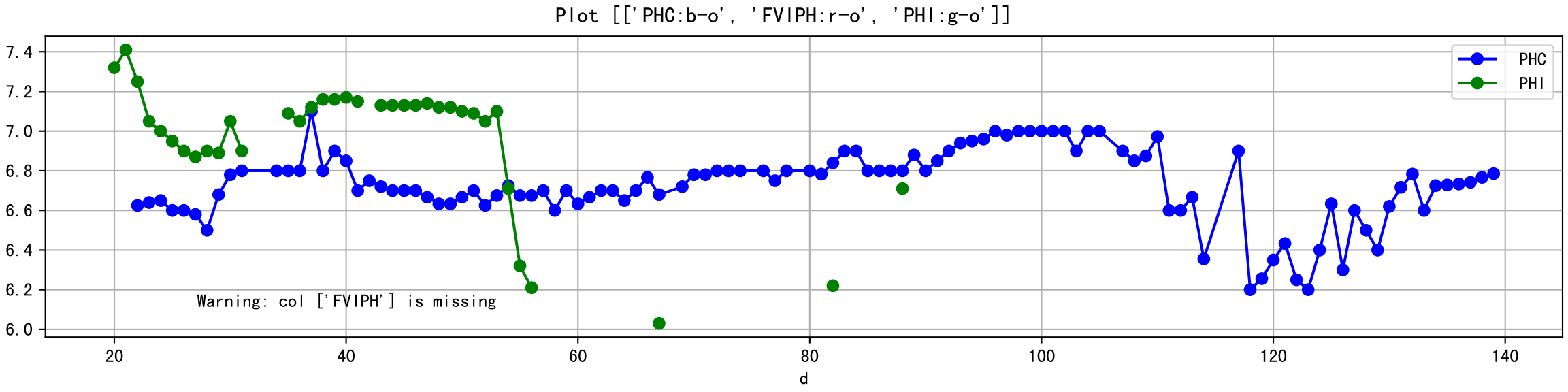

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
20
40
60
80
100
120
140
d

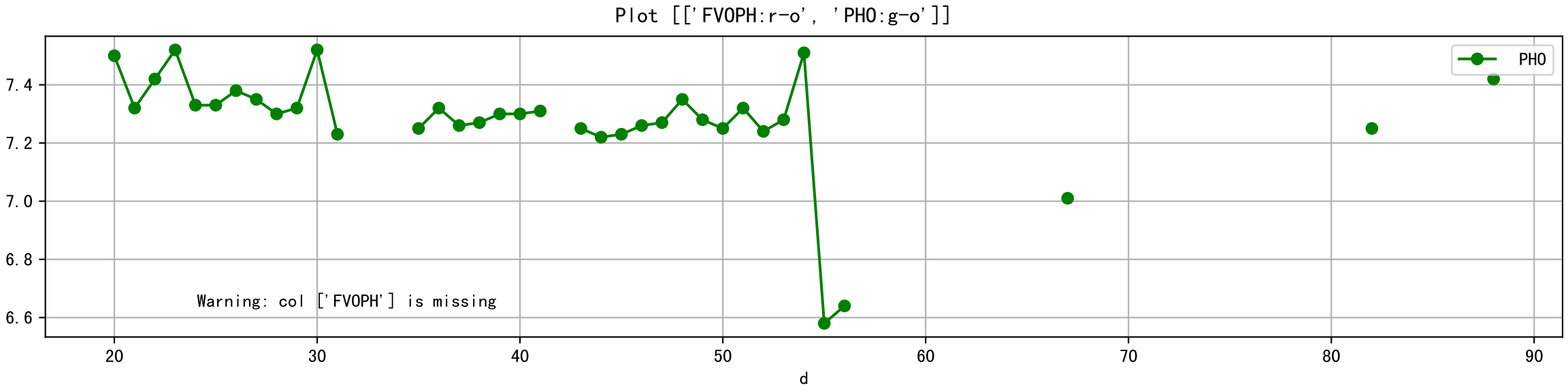

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

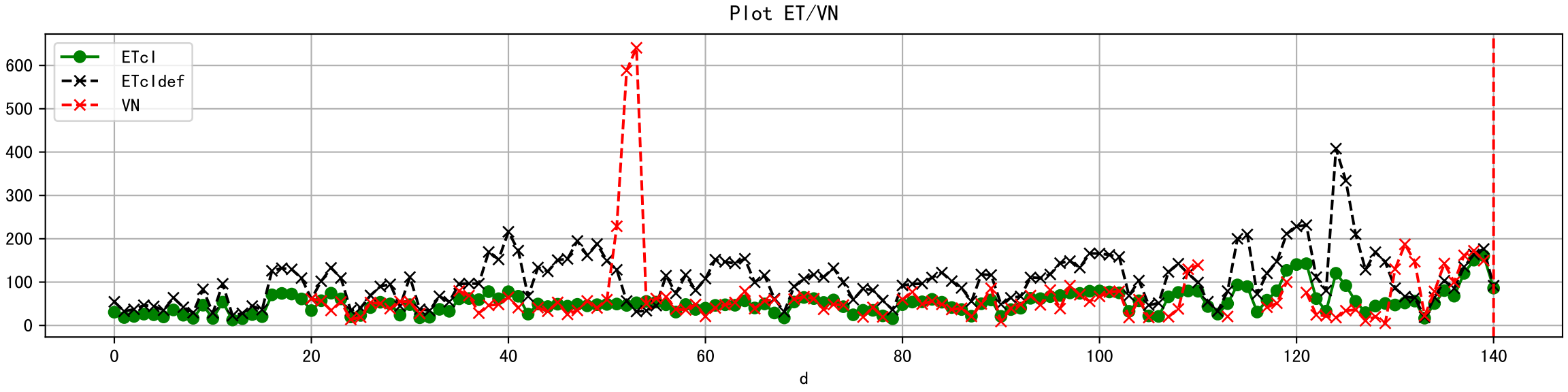

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
600
500
400
300
200
100
0
0
20
40
60
80
100
120
140
d


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

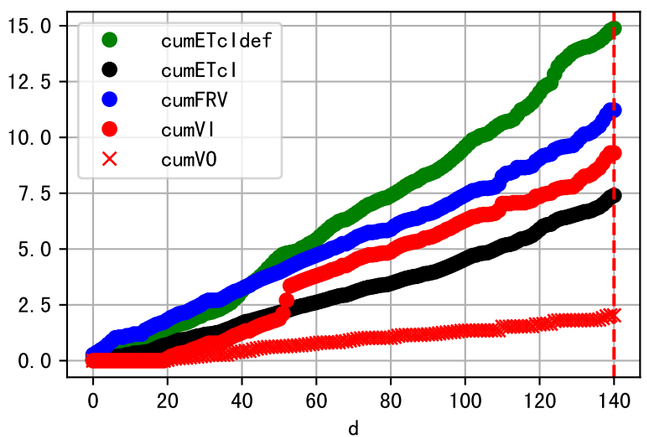

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
1000
20
40
60
80
100
120
140
d

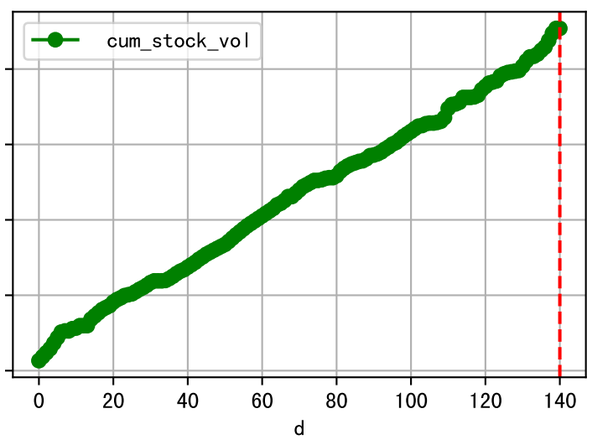

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
140
d

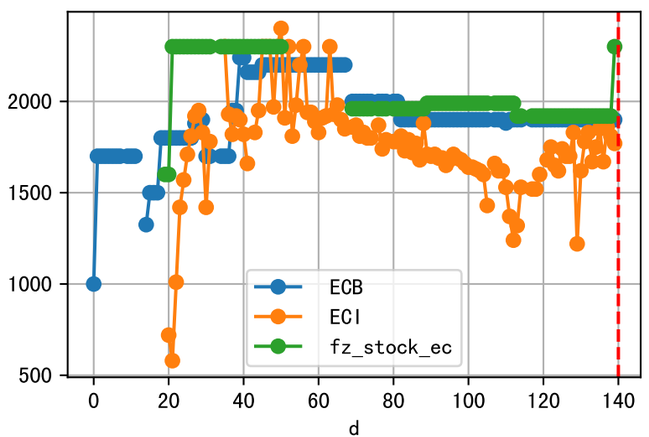

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.4
7.2
7.0
6.8
6.6
Warning: col ['FVOPH'] is missing
20
30
40
50
60
70
80
90
d

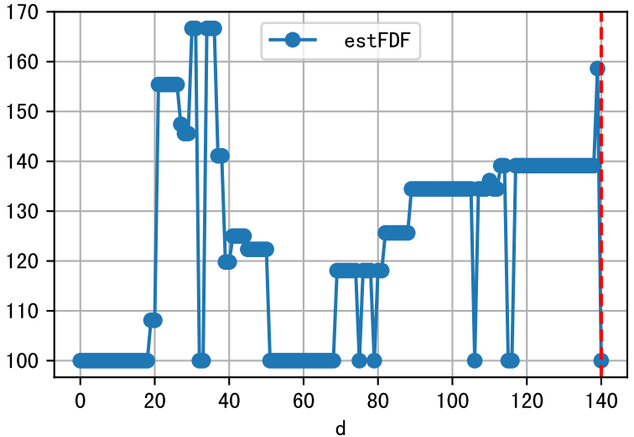

Plot ET/VN
ETcl
ETcldef
VN
600
500
400
300
200
100
0
0
20
40
60
80
100
120
140
d

Plot Fv and fertilizer usage

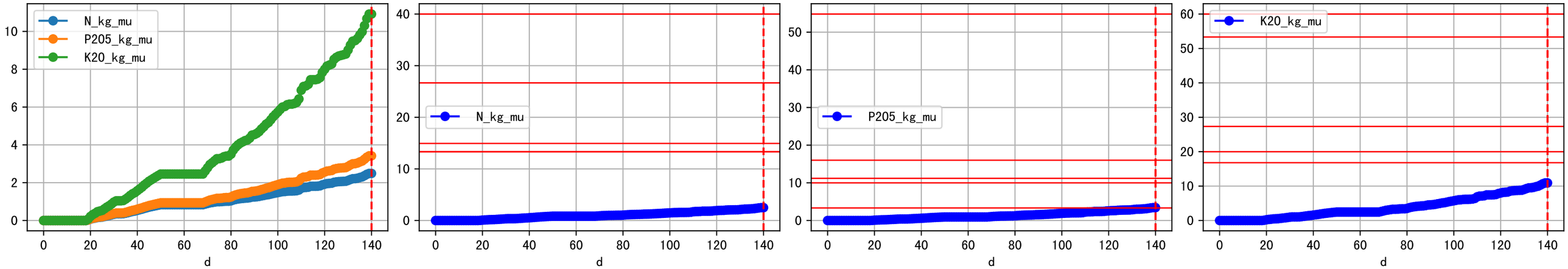


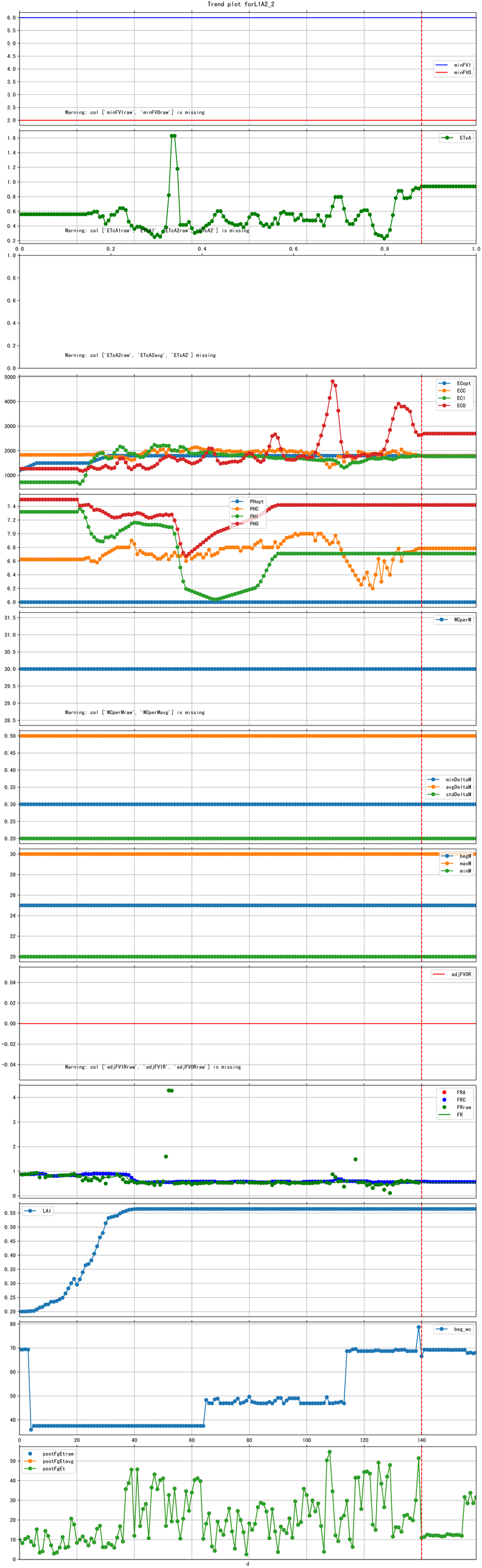



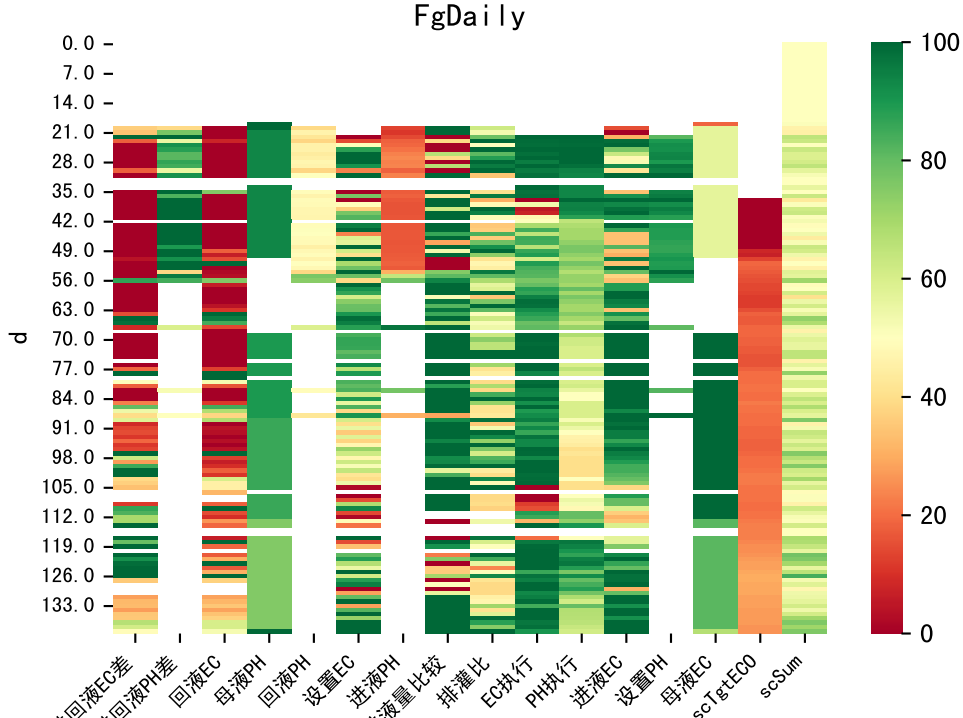



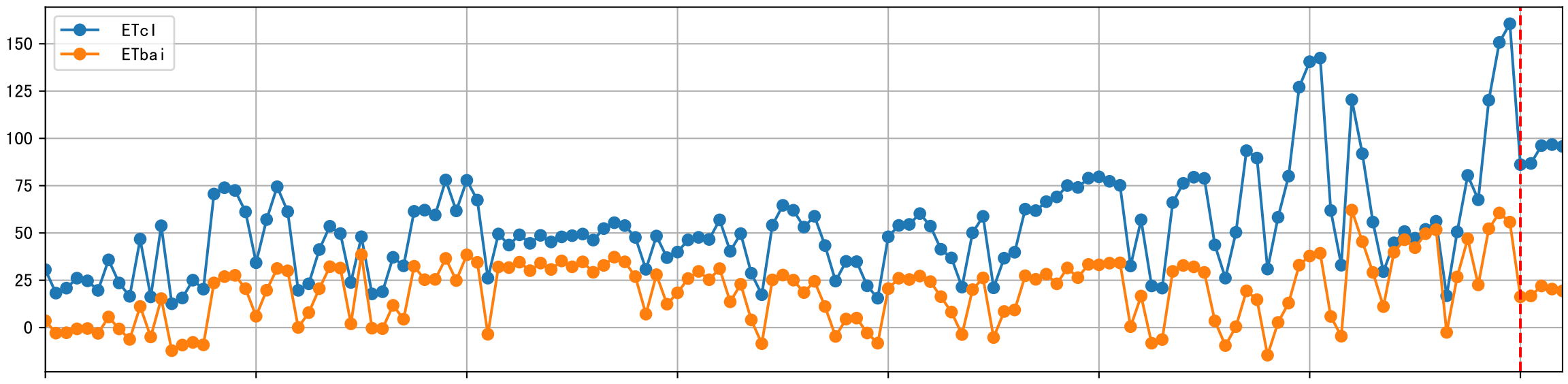
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

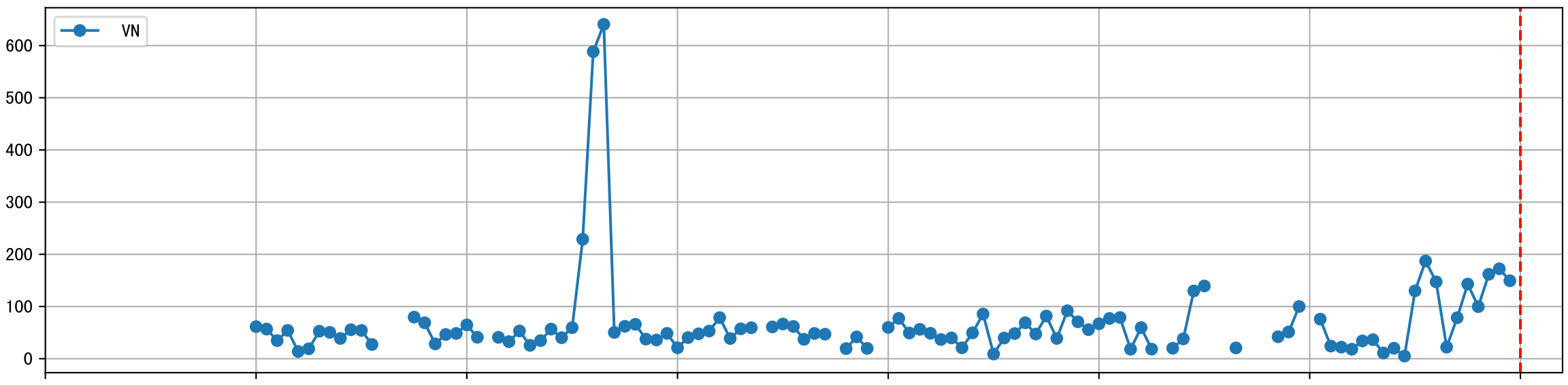


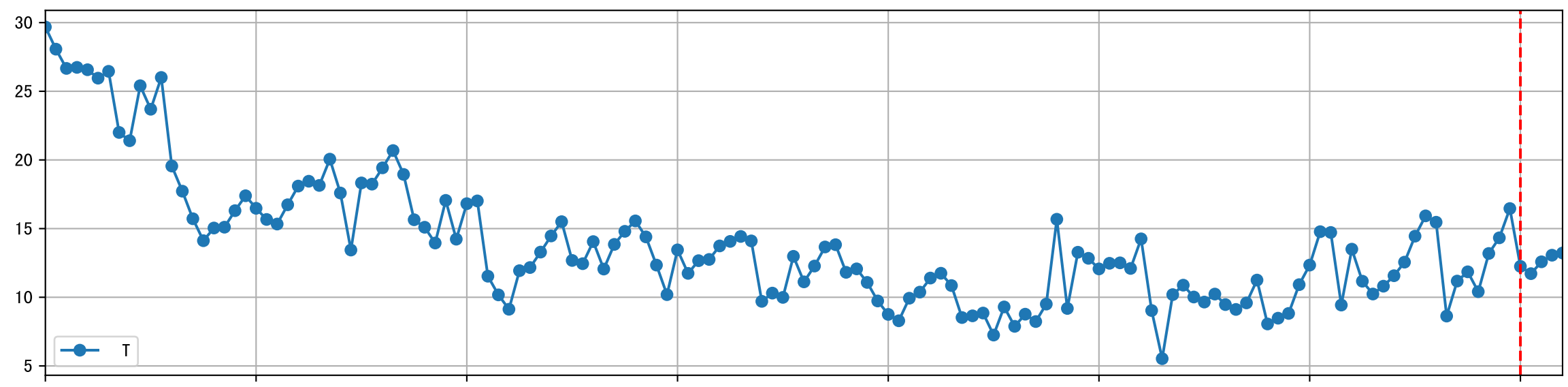

Trend plot forL1A2_2
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECc
ECi
ECo
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is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

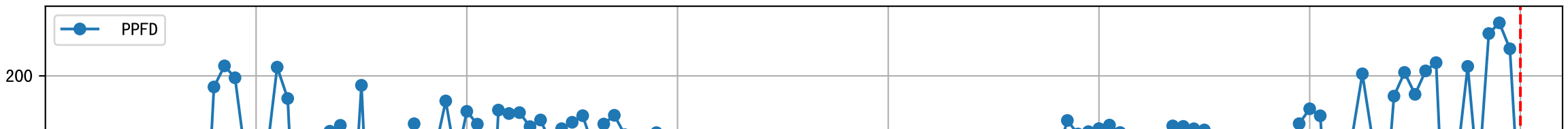

FgDaily
d
0.0
7.0
14.0
21.0
28.0
35.0
42.0
49.0
56.0
63.0
70.0
77.0
84.0
91.0
98.0
105.0
112.0
119.0
126.0
133.0
100
80
60
40
20
0
回液EC差
回液PH差
回液EC
母液PH
回液PH
设置EC
进液PH
液量比较
排灌比
EC执行
PH执行
进液EC
设置PH
母液EC
scTgtEC0
scSum

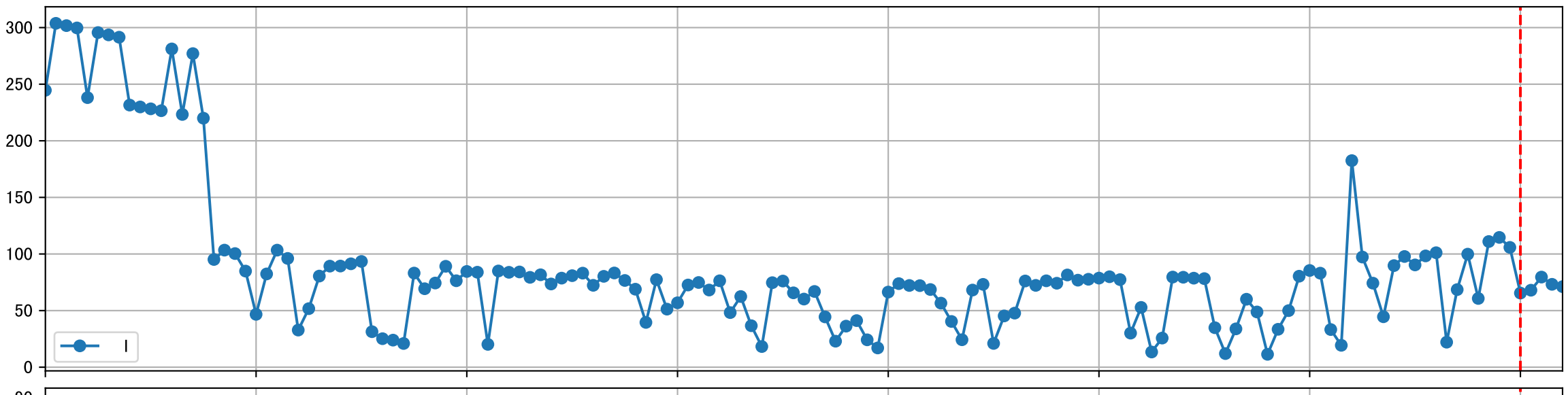
L1A2_2

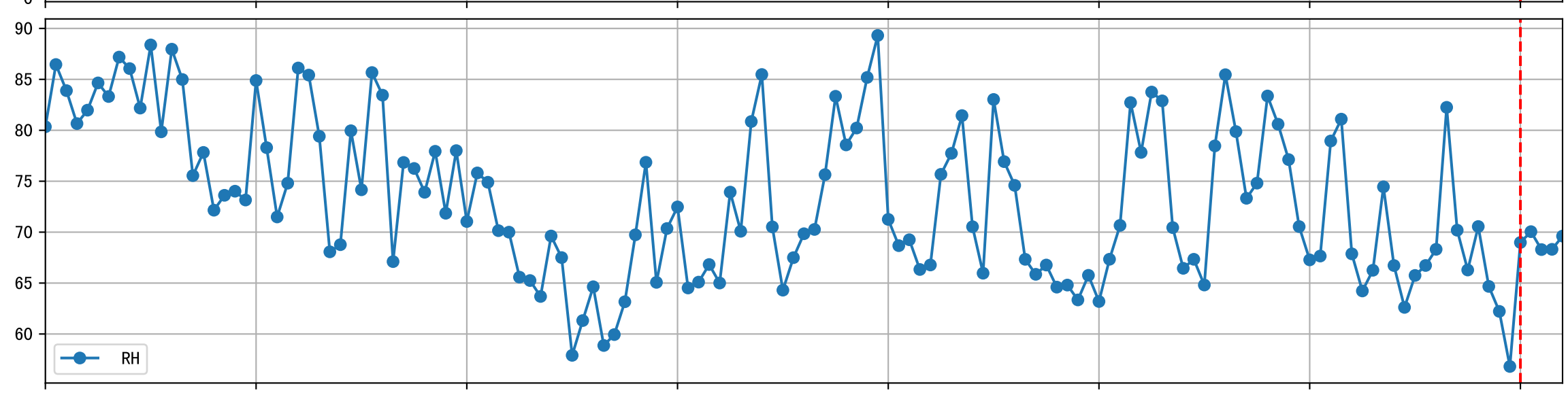


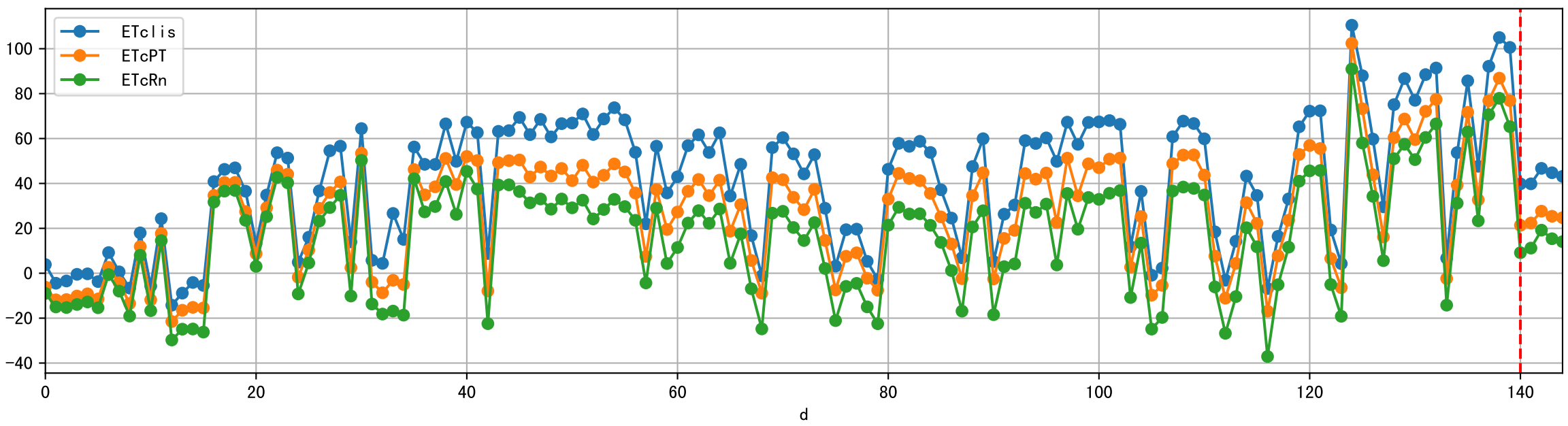



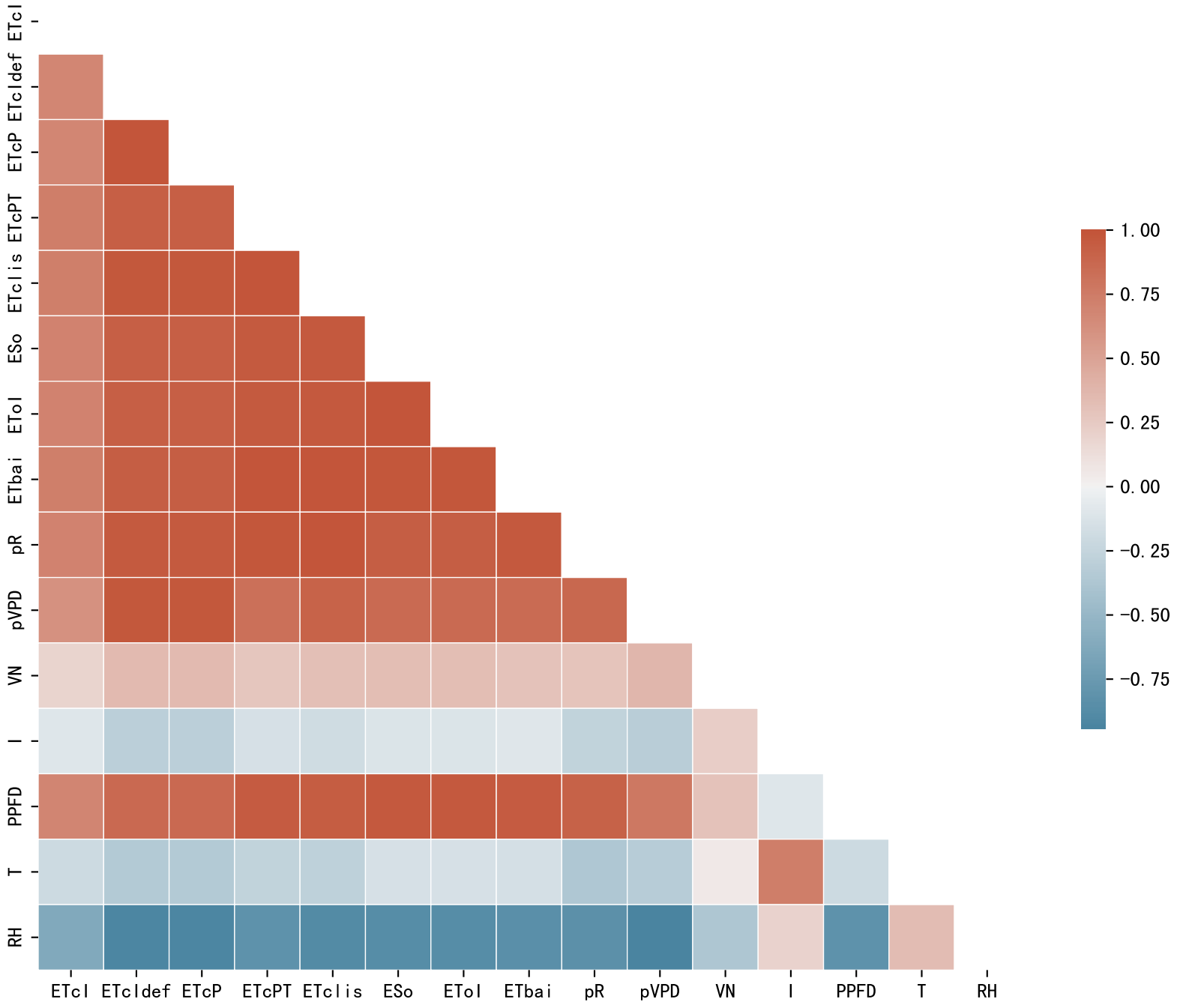



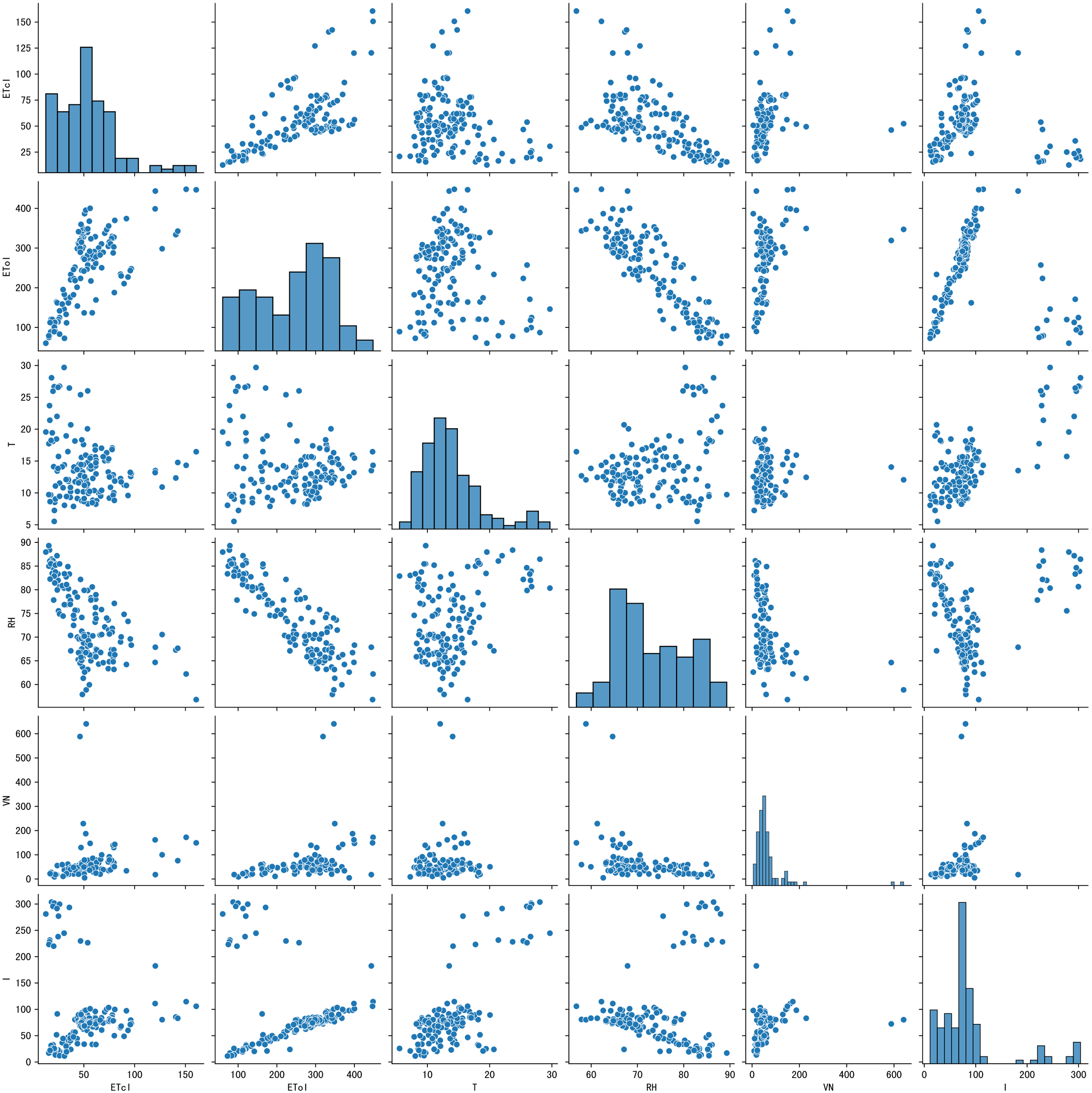



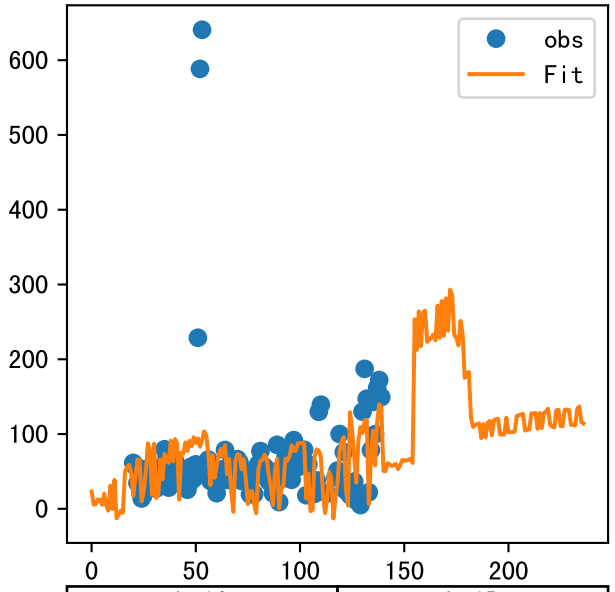



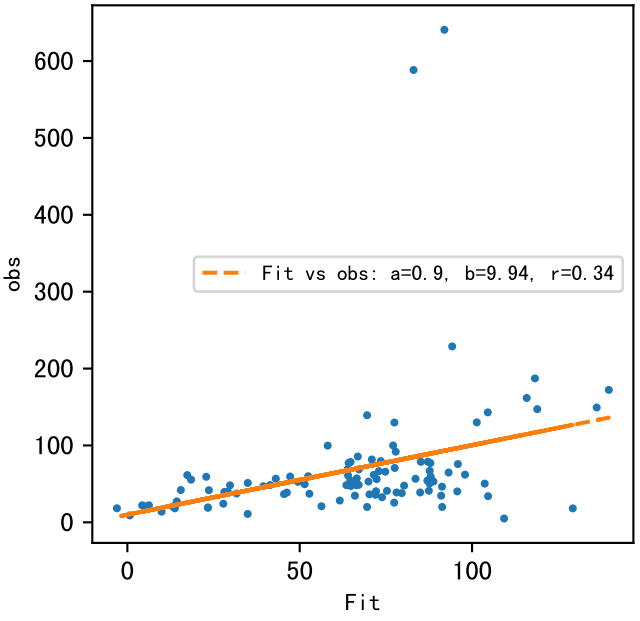



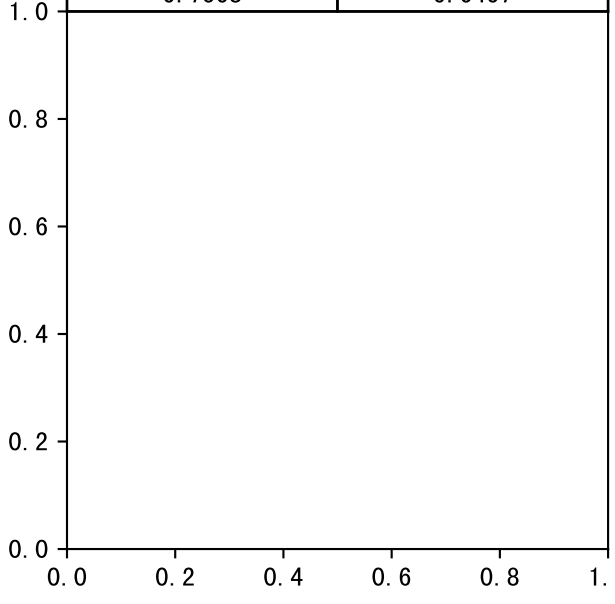

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

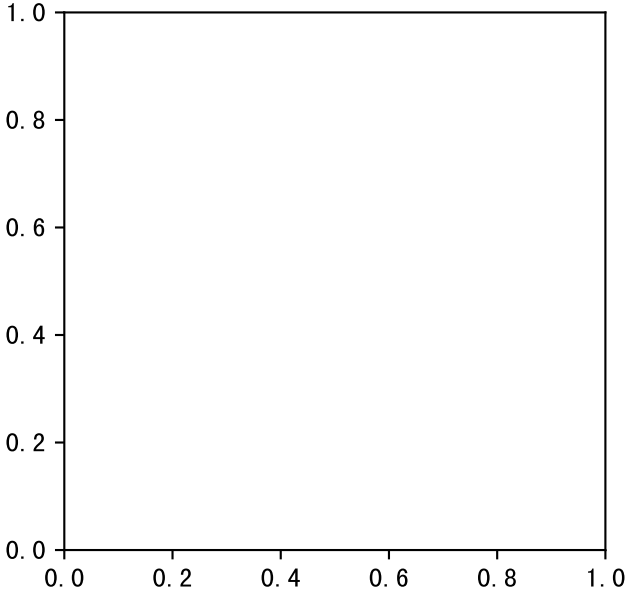

ETcl
ETol
T
RH
VN
I
50
100
150
100
200
300
400
10
20
30
60
70
80
90
0
200
400
600
0
100
200
300
25
50
75
100
125
150
5
15
25
65
75
85
500

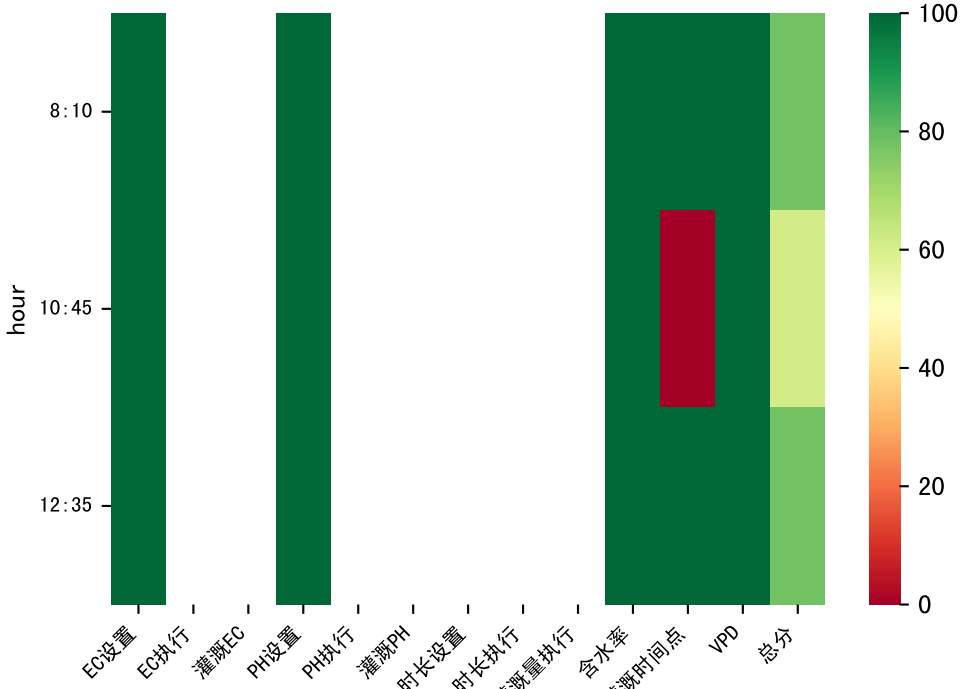



| baiA | baiB |
|---|---|
| 0.7508 | 0.0407 |

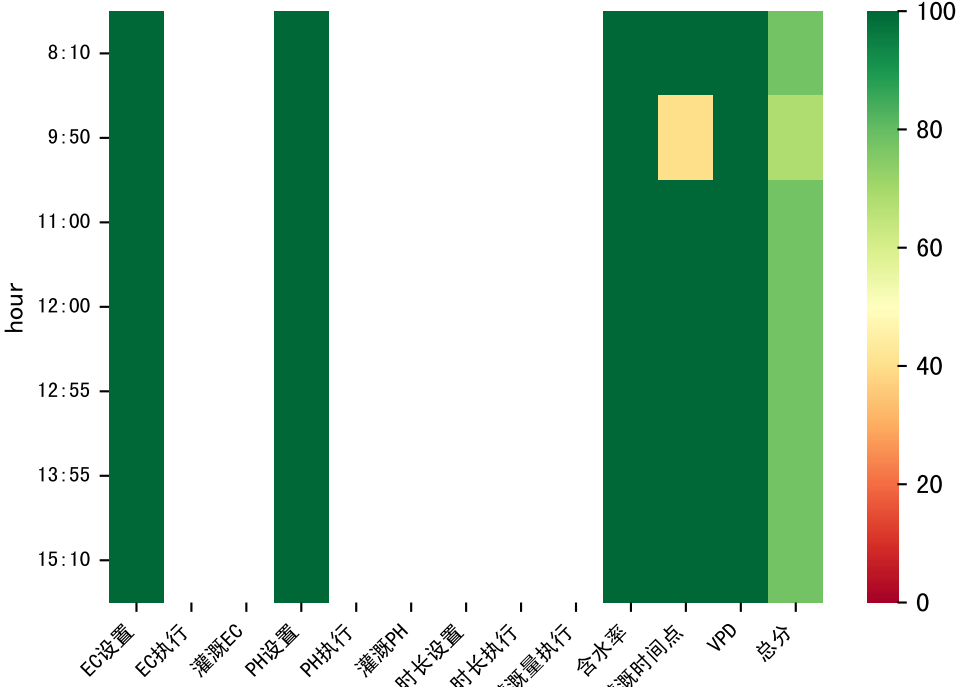



hour
8:10
10:45
12:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

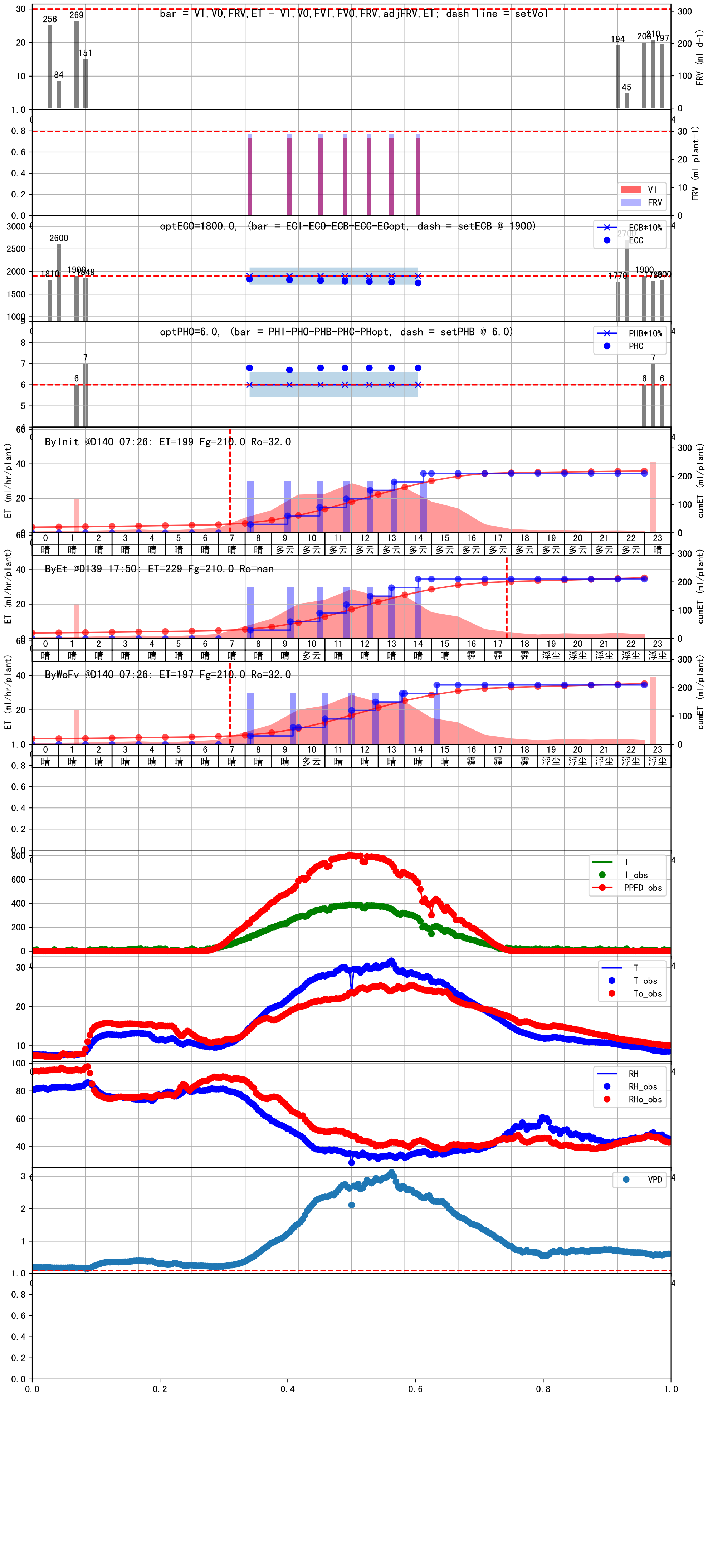
| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 08:10 | 54 | 30.0 | 0.122 | 阴 | 预期@08:10 自主（未用传感器） |
| 10:45 | 54 | 30.0 | 0.122 | 阴 | 预期@10:45 自主（未用传感器） |
| 12:35 | 54 | 30.0 | 0.122 | 阴 | 预期@12:35 自主（未用传感器） |
| 总计 | 162.0 (3次) | 90.0 | | | 建议进液EC：1900， PH：6.0 |

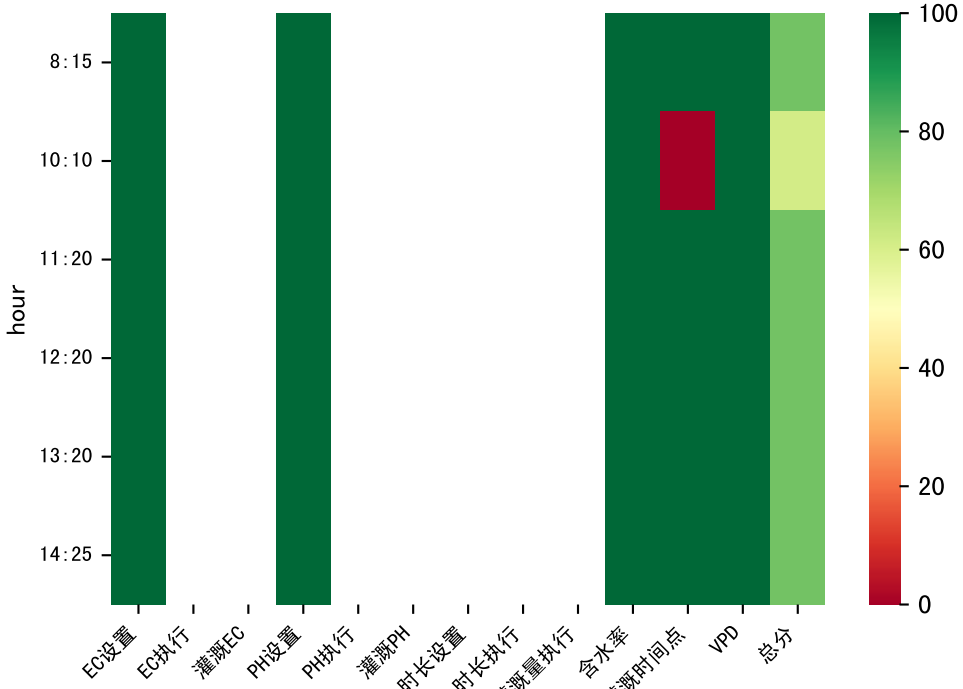
L1A2_2, Day=140 (2026-02-23)


hour
8:10
9:50
11:00
12:00
12:55
13:55
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
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 |
|---|---|---|---|---|---|
| 08:10 | 52 | 30.0 | 0.122 | 晴 | 假设@08:10 自动（未用传感器） |
| 09:50 | 52 | 30.0 | 0.122 | 晴 | 假设@09:50 自动（未用传感器） |
| 11:00 | 52 | 30.0 | 0.122 | 晴 | 假设@11:00 自动（未用传感器） |
| 12:00 | 52 | 30.0 | 0.122 | 晴 | 假设@12:00 自动（未用传感器） |
| 12:55 | 52 | 30.0 | 0.122 | 晴 | 假设@12:55 自动（未用传感器） |
| 13:55 | 52 | 30.0 | 0.122 | 晴 | 假设@13:55 自动（未用传感器） |
| 15:10 | 52 | 30.0 | 0.122 | 晴 | 假设@15:10 自动（未用传感器） |
| 总计 | 364.0 (7次) | 210.0 | | | 建议进液EC：1900， PH：6.0 |

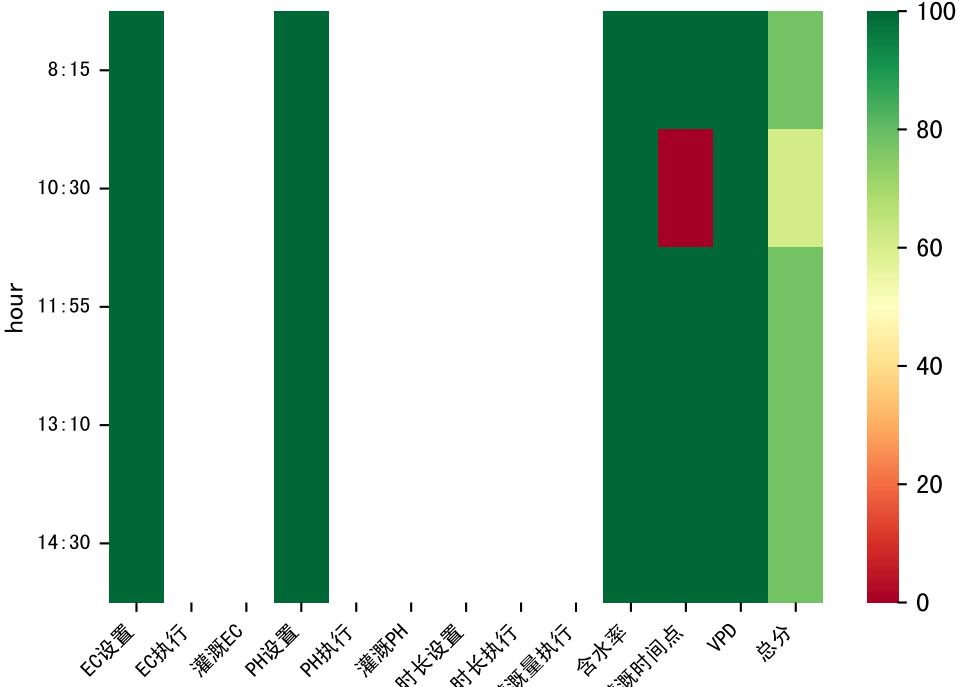
L1A2_2, Day=139.0 (2026-02-22)




hour
8:15
10:10
11:20
12:20
13:20
14:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 08:15 | 52 | 30.0 | 0.122 | 多云 | 假设@08:15 自动（未用传感器） |
| 10:10 | 52 | 30.0 | 0.122 | 晴 | 假设@10:10 自动（未用传感器） |
| 11:20 | 52 | 30.0 | 0.122 | 晴 | 假设@11:20 自动（未用传感器） |
| 12:20 | 52 | 30.0 | 0.122 | 晴 | 假设@12:20 自动（未用传感器） |
| 13:20 | 52 | 30.0 | 0.122 | 晴 | 假设@13:20 自动（未用传感器） |
| 14:25 | 52 | 30.0 | 0.122 | 晴 | 假设@14:25 自动（未用传感器） |
| 总计 | 312.0 (6次) | 180.0 | | | 建议进液EC：1900， PH：6.0 |

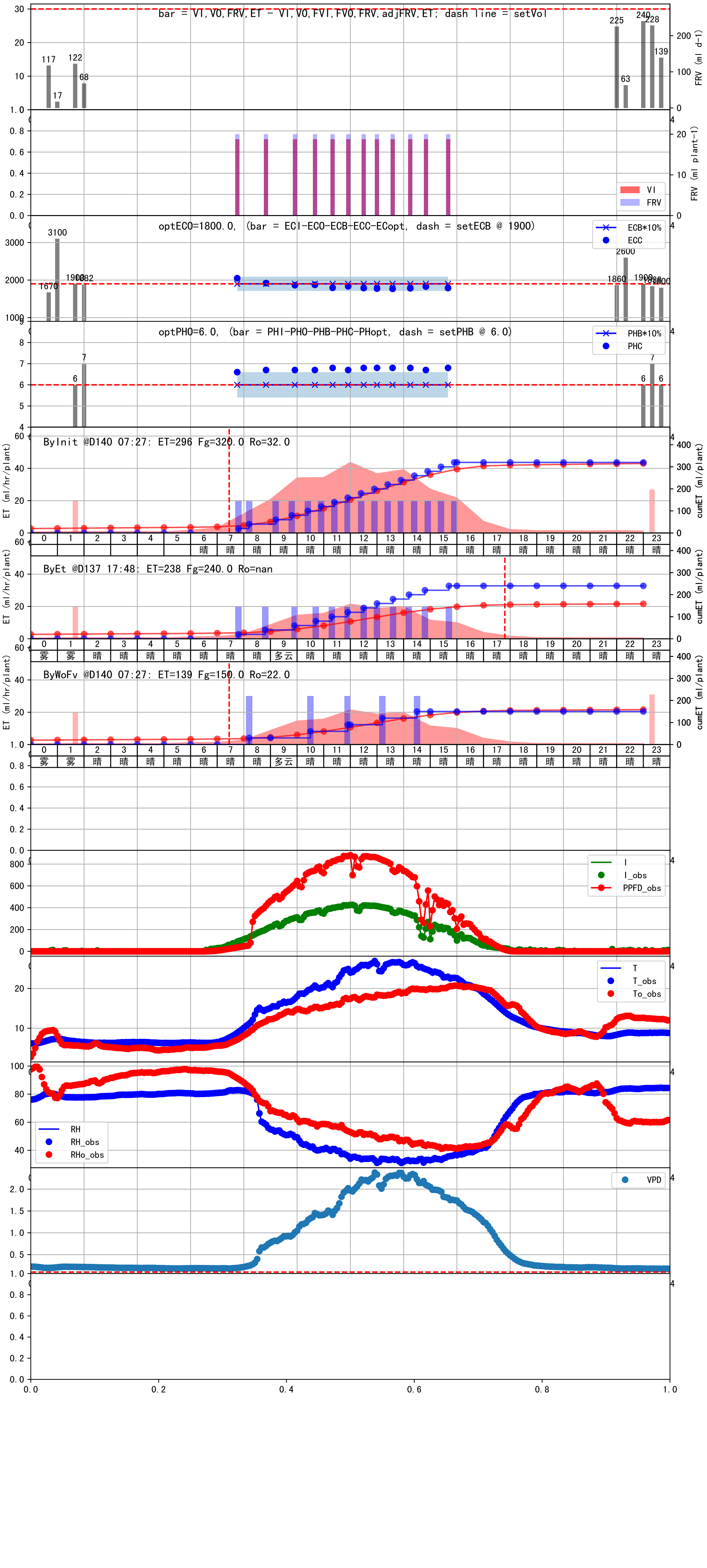
L1A2_2, Day=138.0 (2026-02-21)

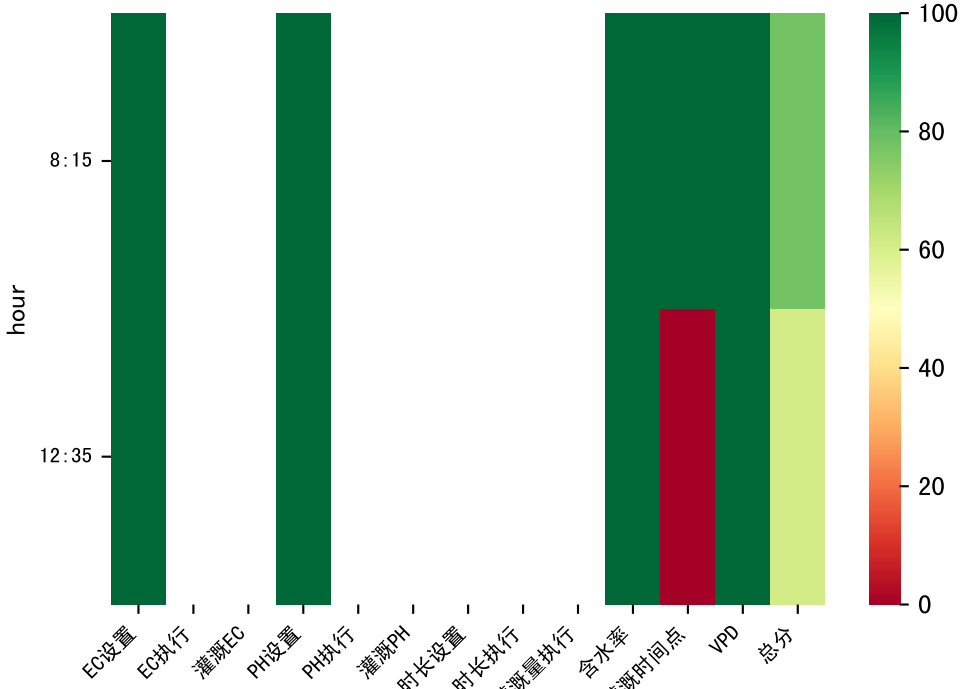

hour
8:15
10:30
11:55
13:10
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

| 时间 | 灌溉时长(秒) | 灌溉量(毫升/株) | 灌溉总量(方/次) | 天气 | 注释 |
|---|---|---|---|---|---|
| 08:15 | 33 | 30.0 | 0.122 | 晴 | 假设@08:15 自动（未用传感器） |
| 10:30 | 33 | 30.0 | 0.122 | 晴 | 假设@10:30 自动（未用传感器） |
| 11:55 | 33 | 30.0 | 0.122 | 晴 | 假设@11:55 自动（未用传感器） |
| 13:10 | 33 | 30.0 | 0.122 | 晴 | 假设@13:10 自动（未用传感器） |
| 14:30 | 33 | 30.0 | 0.122 | 晴 | 假设@14:30 自动（未用传感器） |
| 总计 | 165.0 (5次) | 150.0 | | | 建议进液EC：1900， PH：6.0 |

上次灌溉时长未按模型建议(33 vs 51.0))
默认实际灌溉19.0 ml.

L1A2_2, Day=137.0 (2026-02-20)




hour
8:15
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 |
|---|---|---|---|---|---|
| 08:15 | 33 | 30.0 | 0.122 | 雾 | 假设@08:15 自动（未用传感器） |
| 12:35 | 33 | 30.0 | 0.122 | 阴 | 假设@12:35 自动（未用传感器） |
| 总计 | 66.0 (2次) | 60.0 | | | 建议进液EC：1900， PH：6.0 |

上次灌溉时长未按模型建议(33 vs 52.0))
默认实际灌溉19.0 ml.

L1A2_2, Day=136.0 (2026-02-19)