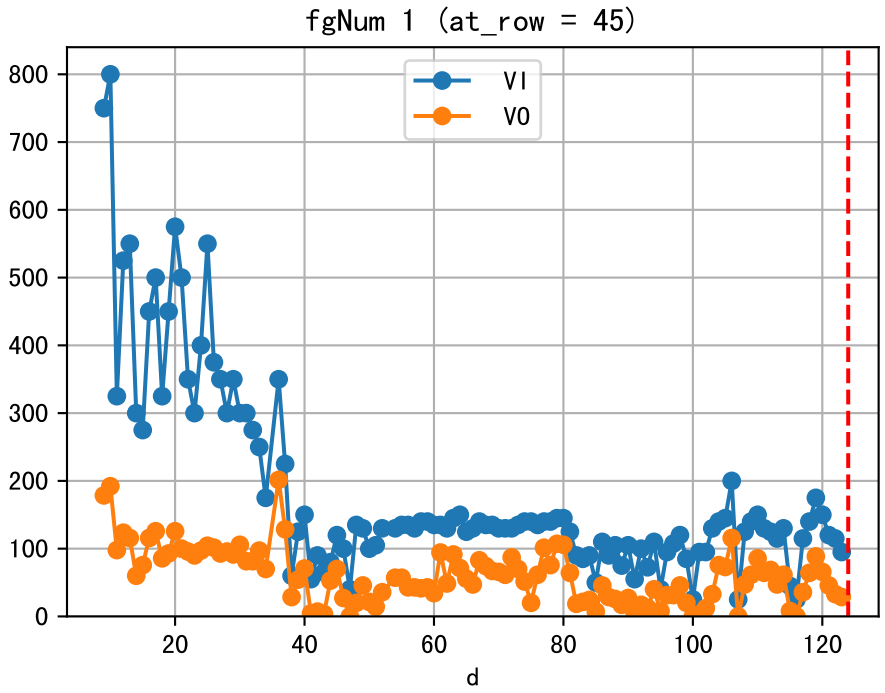
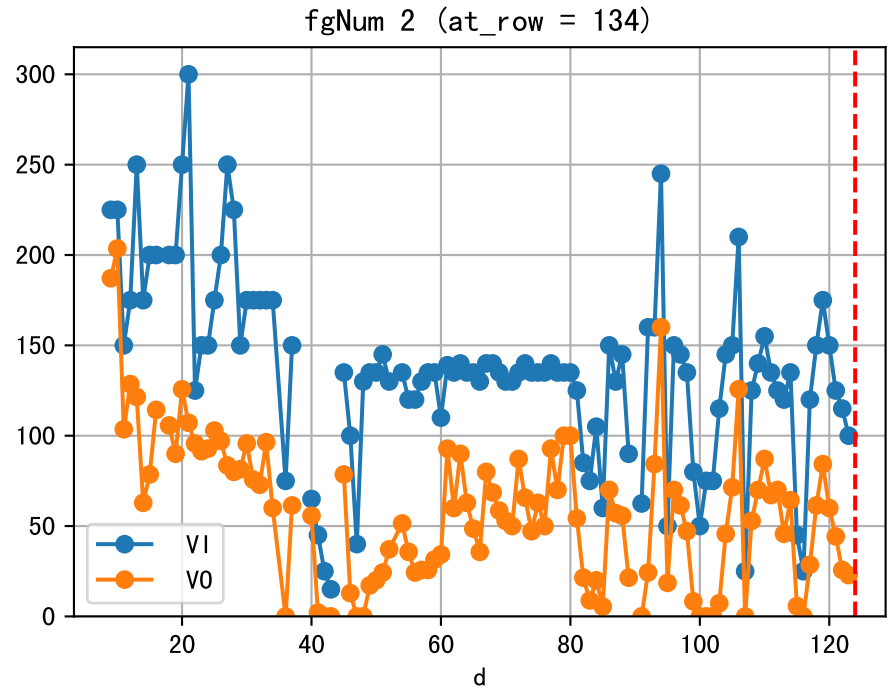
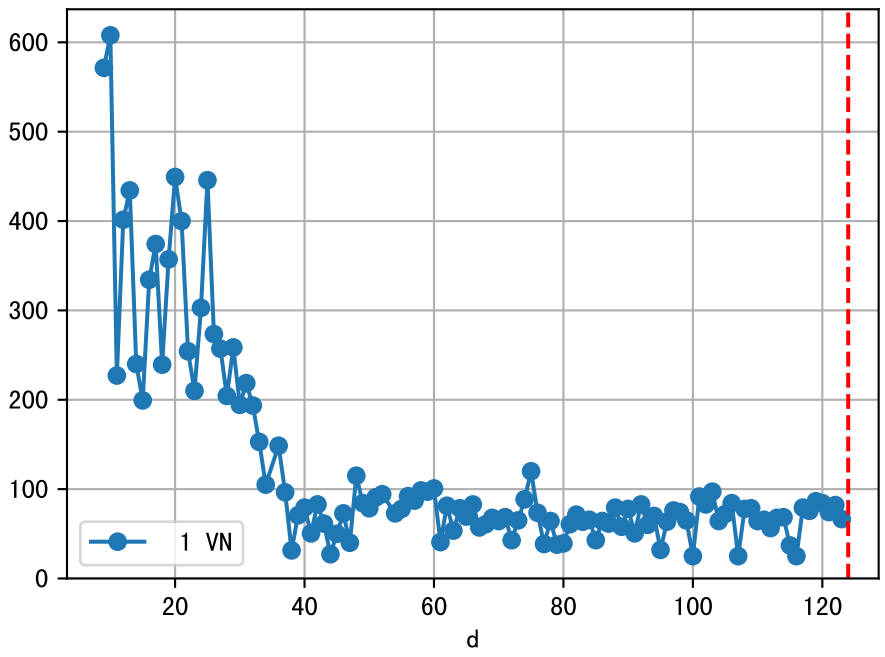
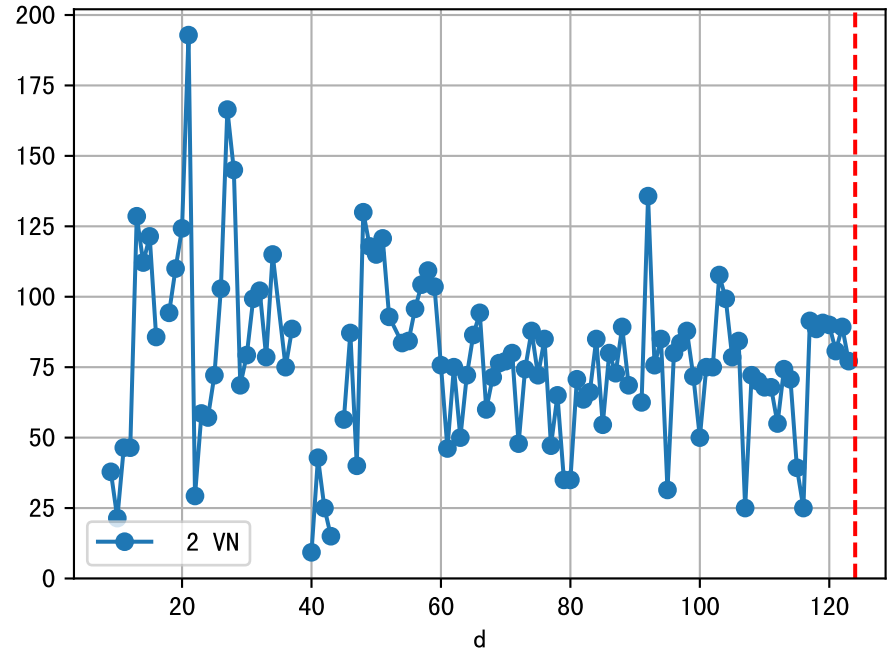
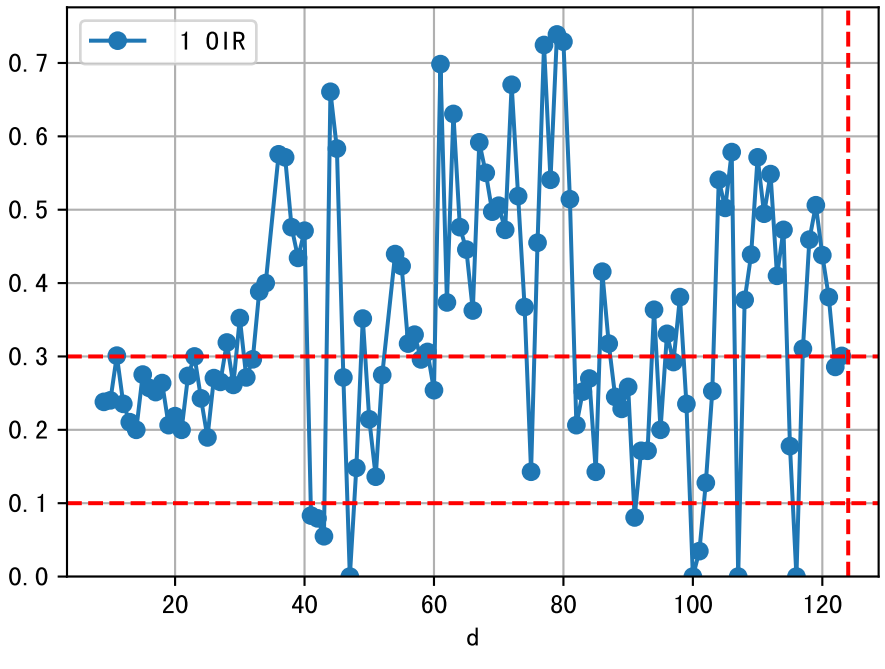
FgArea: ['0']
NC11 P2
2026-01-26 (Day 124)

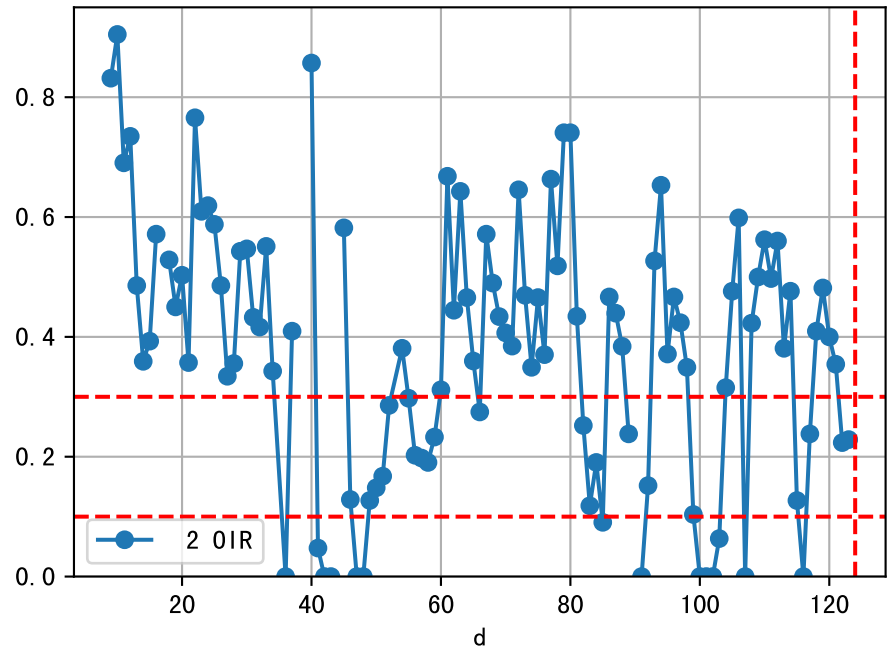

fgNum 1 (at_row = 45)
VI
VO
d

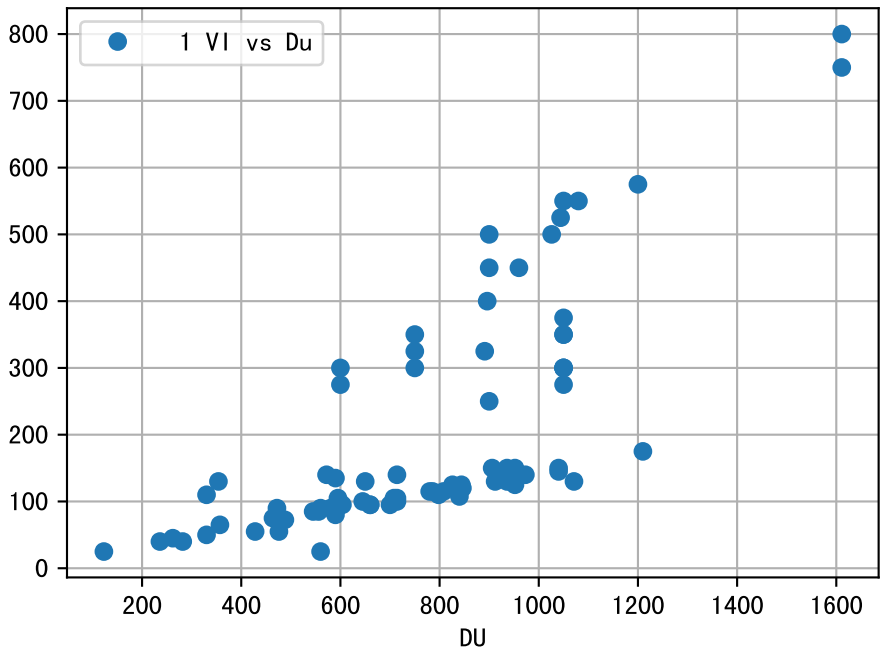

fgNum 2 (at_row = 134)
VI
VO
d

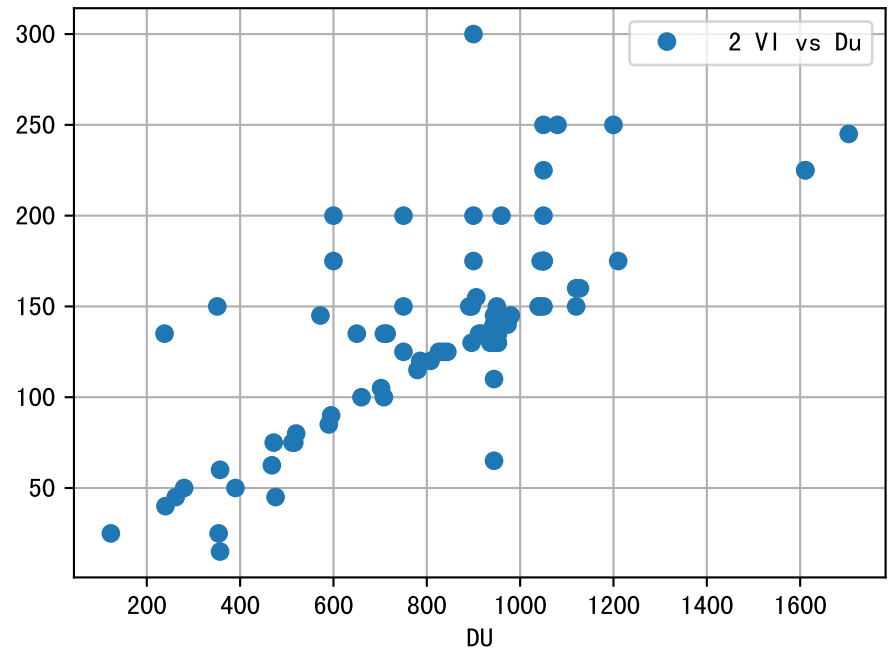

1 VN
d

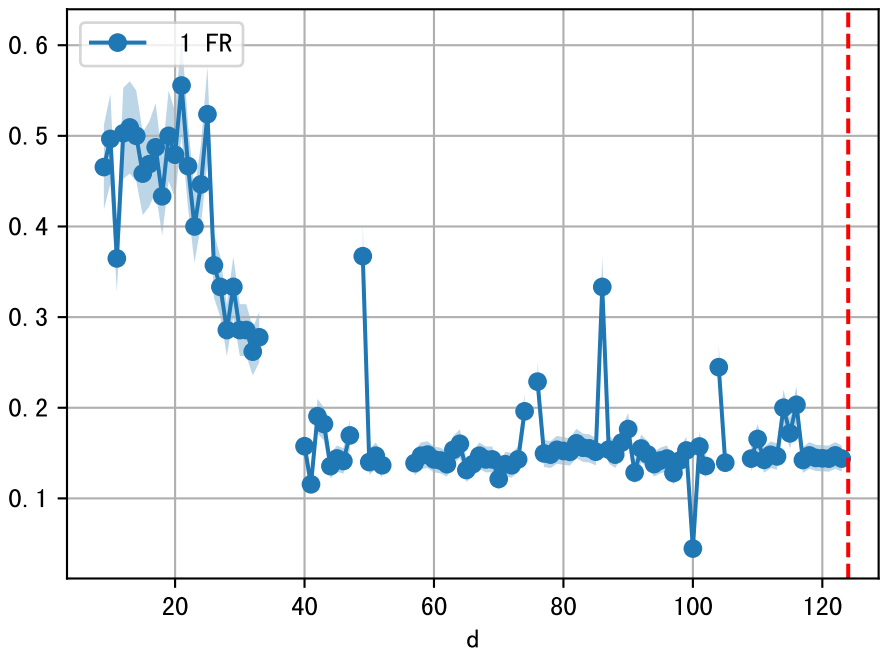

2 VN
d

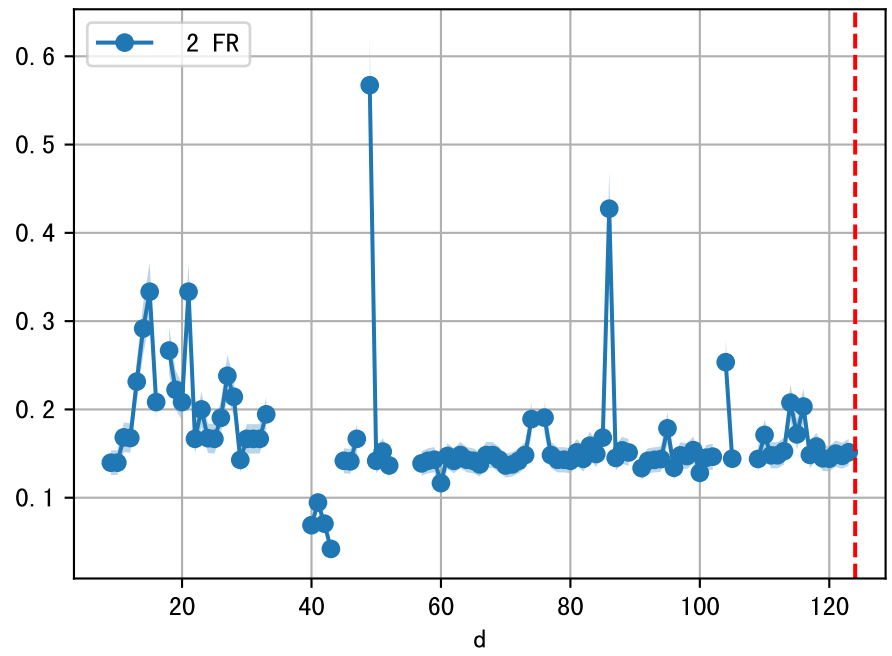

1 OIR
d

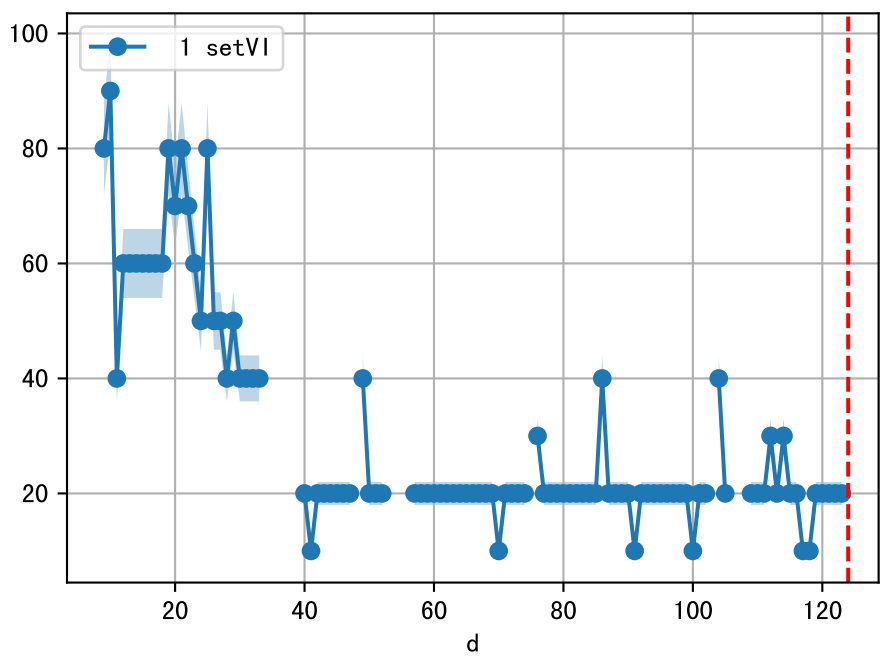

2 OIR
d

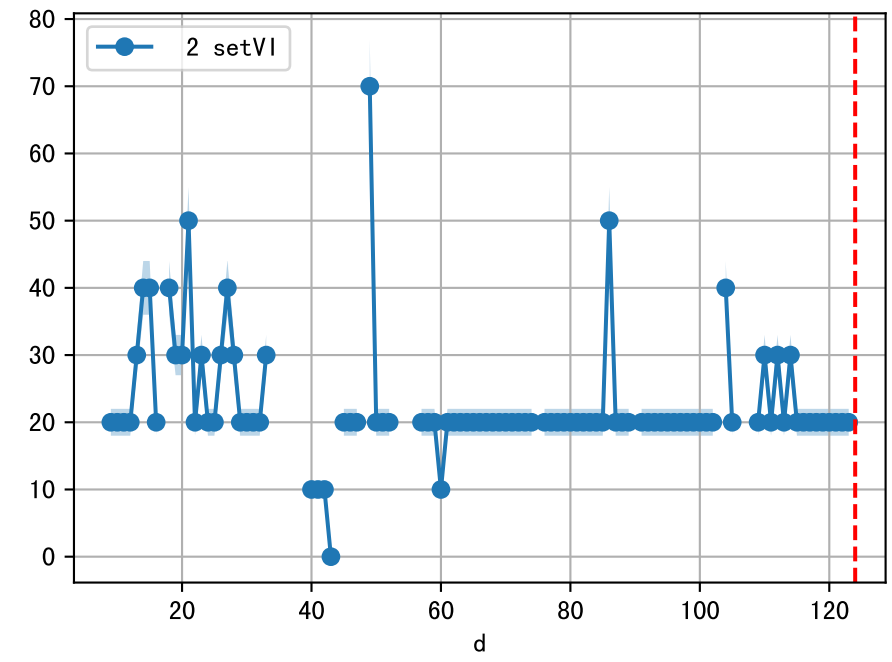

1 VI vs Du
DU

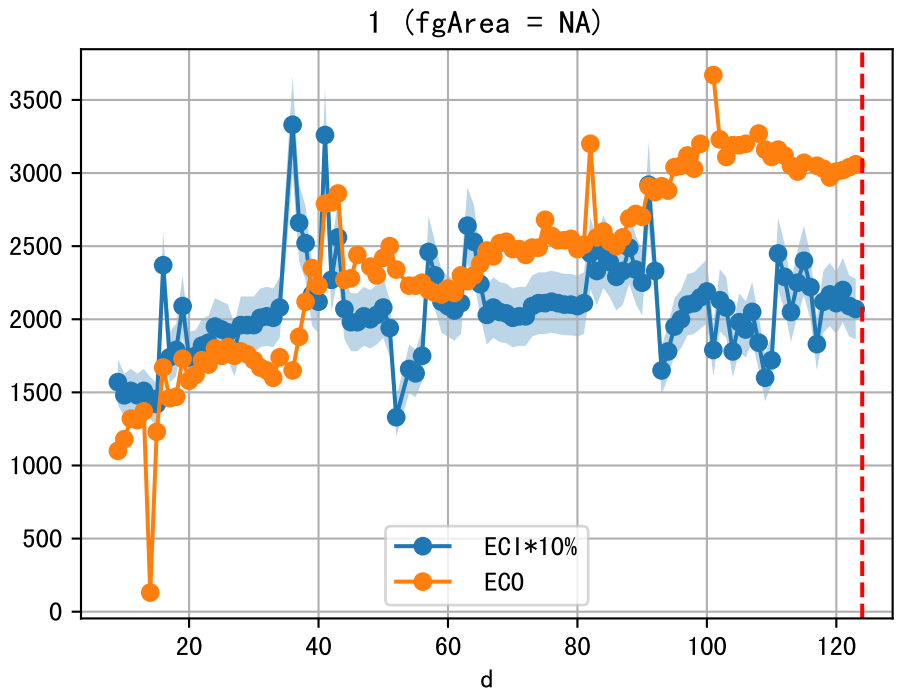

2 VI vs Du
DU

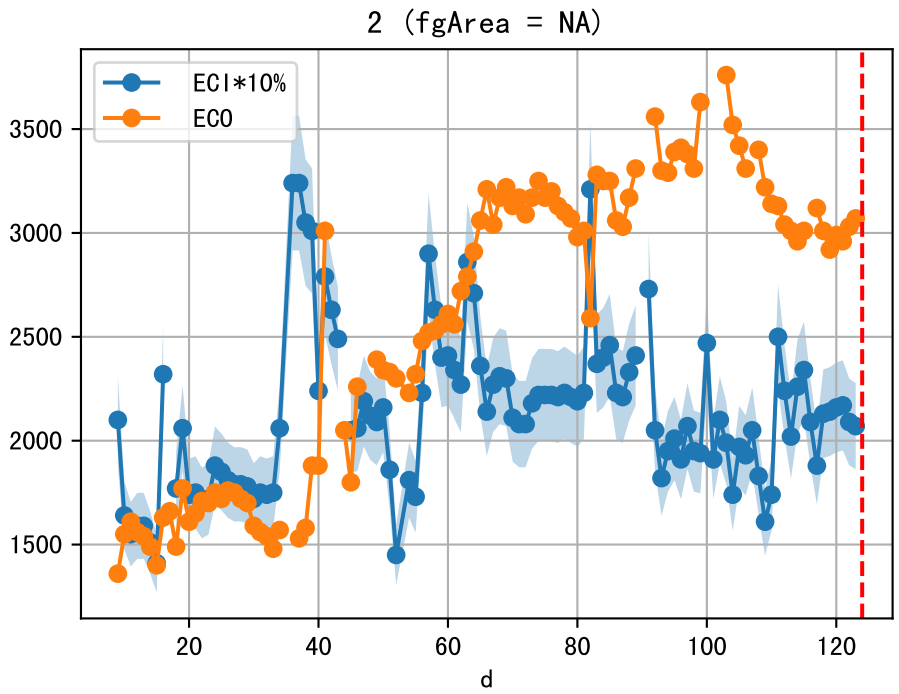

1 FR
d

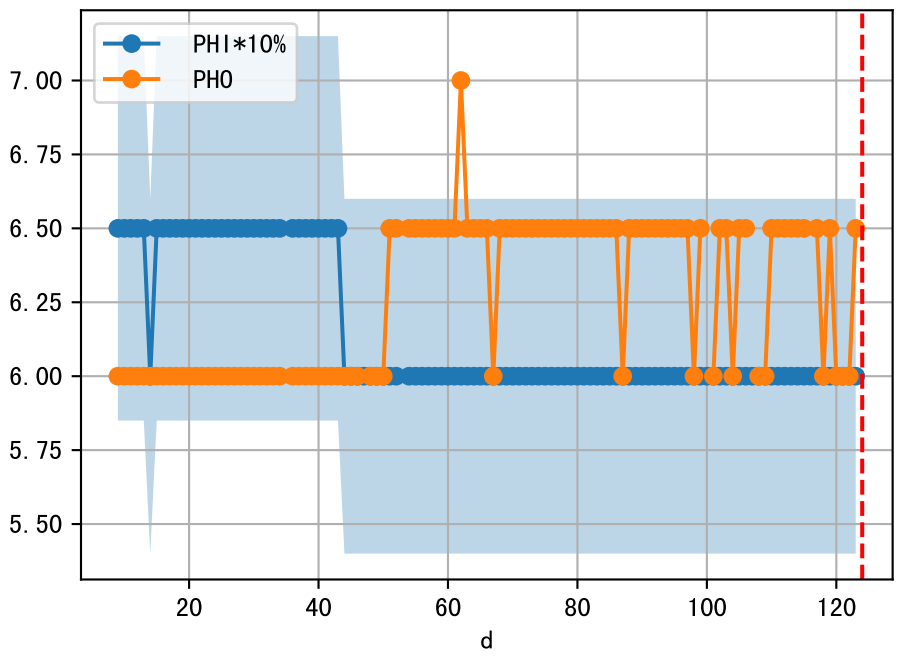

2 FR
d

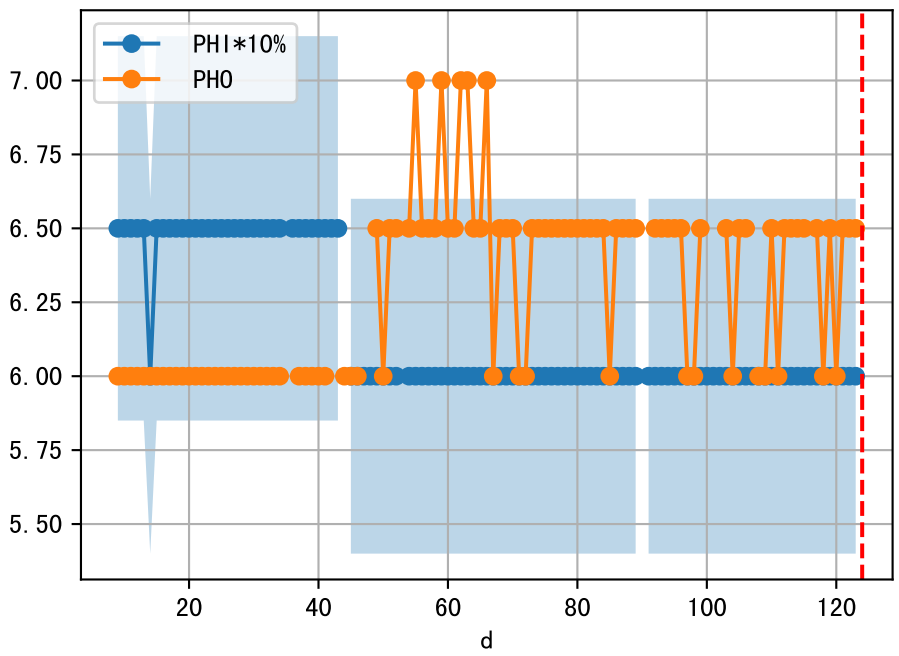

1 setVI
d

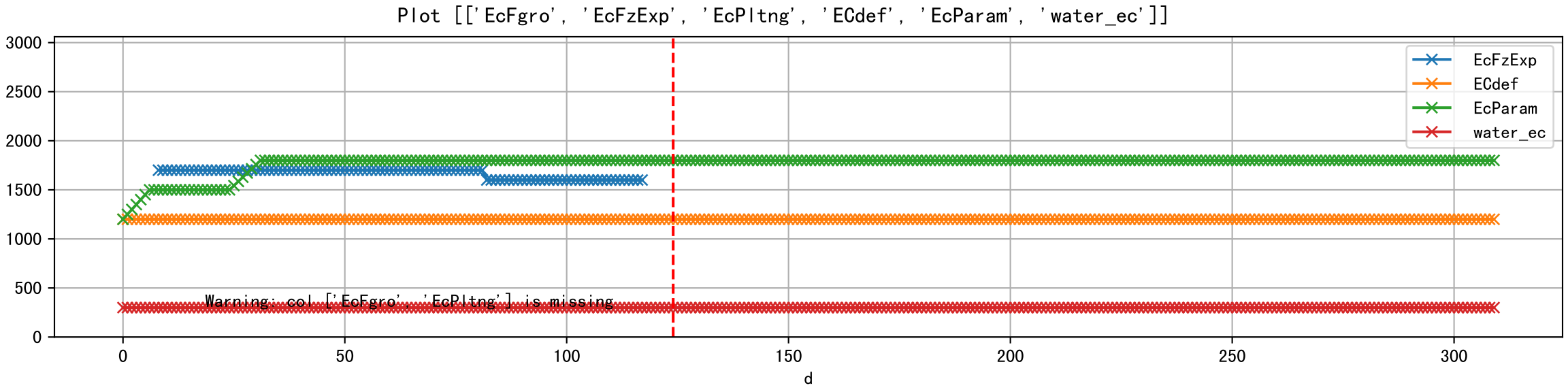

2 setVI
d

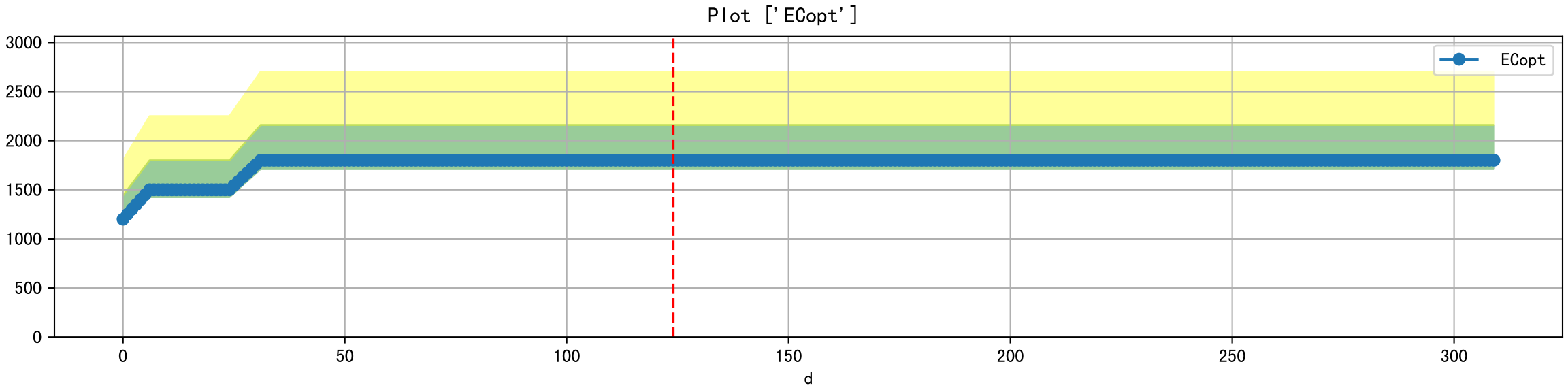

1 (fgArea = NA)
ECI*10%
ECO
d


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

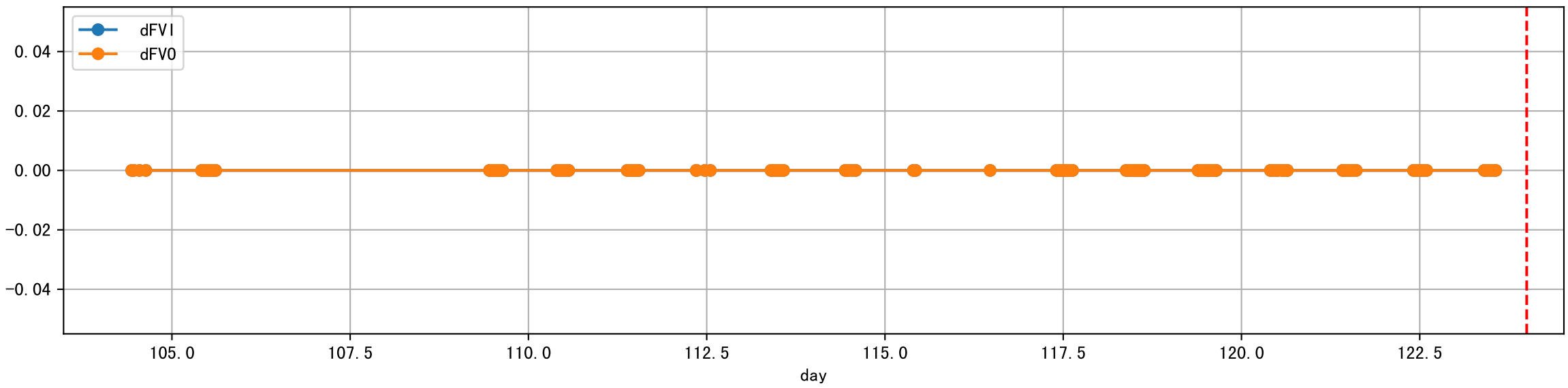

PHI*10%
PHO
d

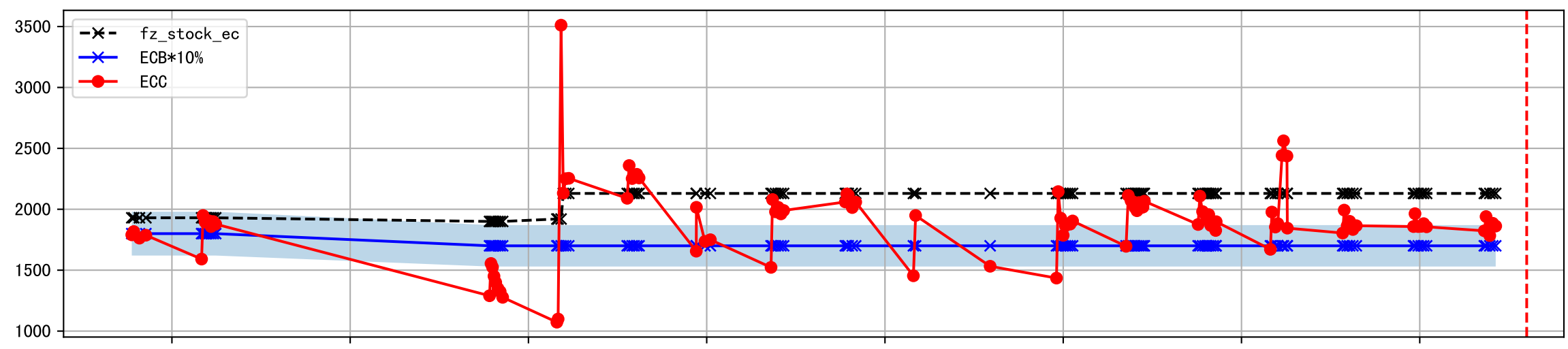

PHI*10%
PHO
d

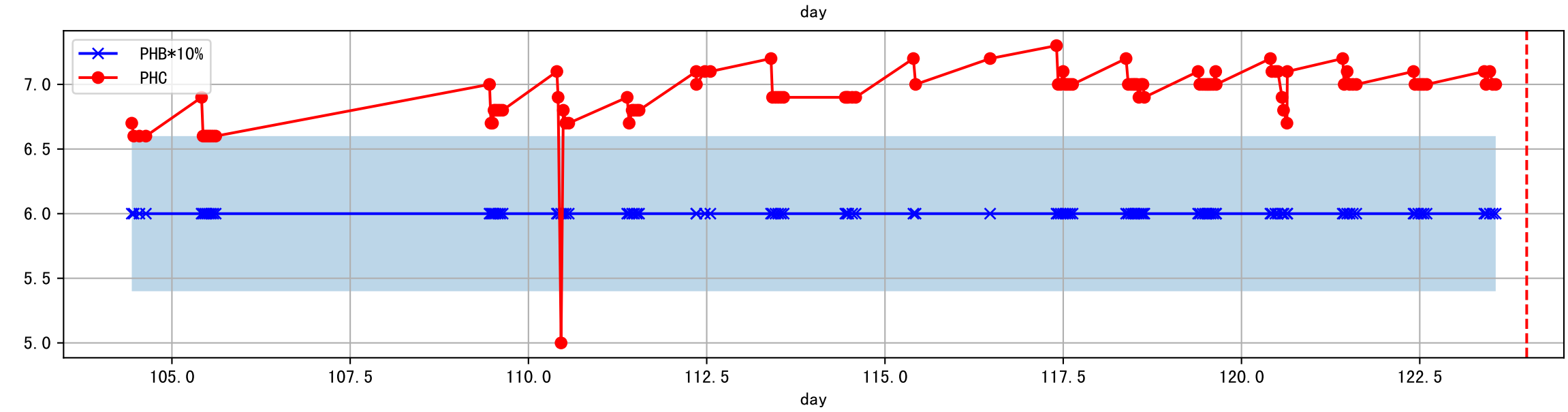

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

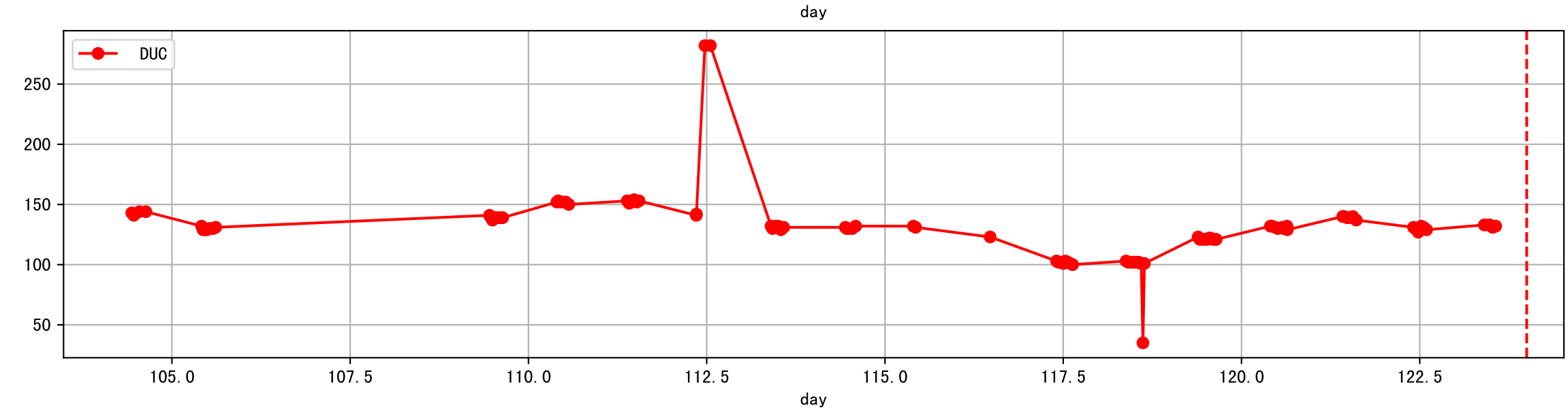

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
d

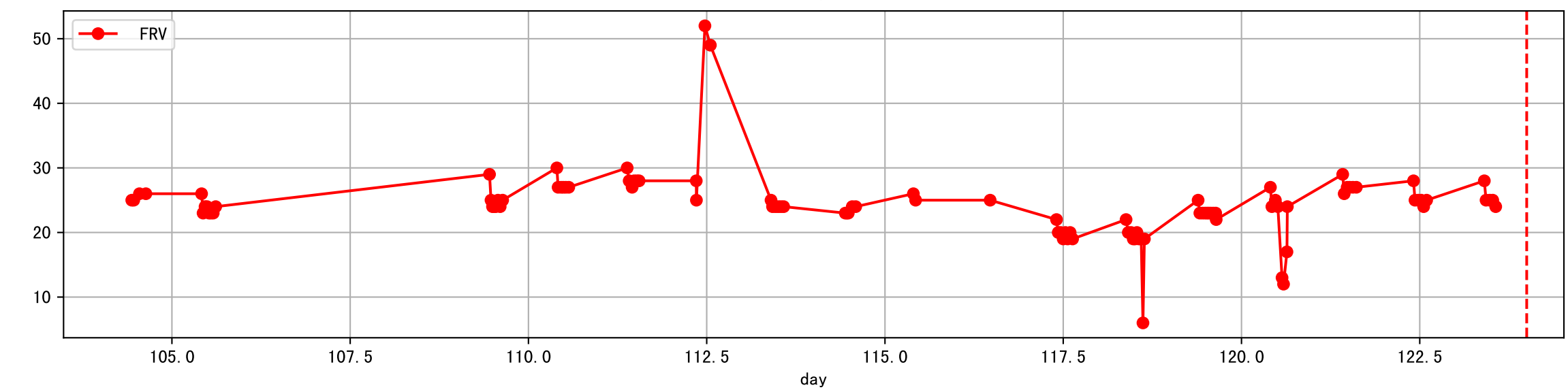
Plot Sensor and FgRec Data

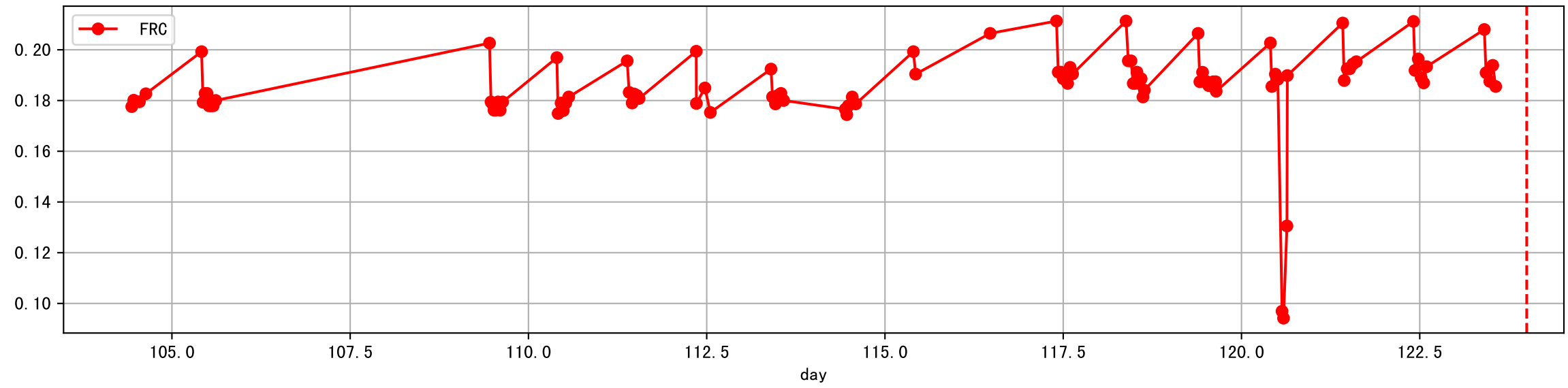


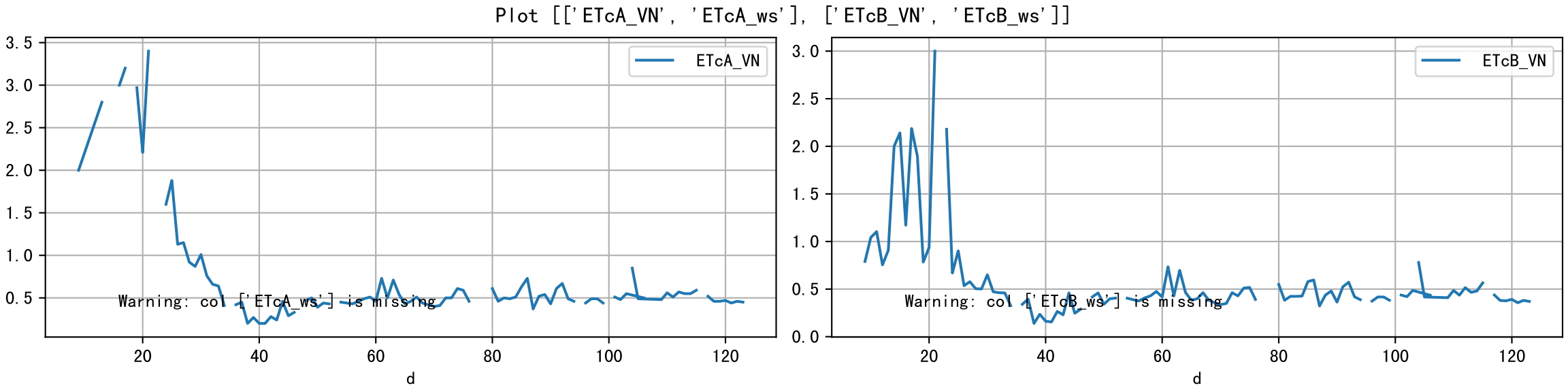


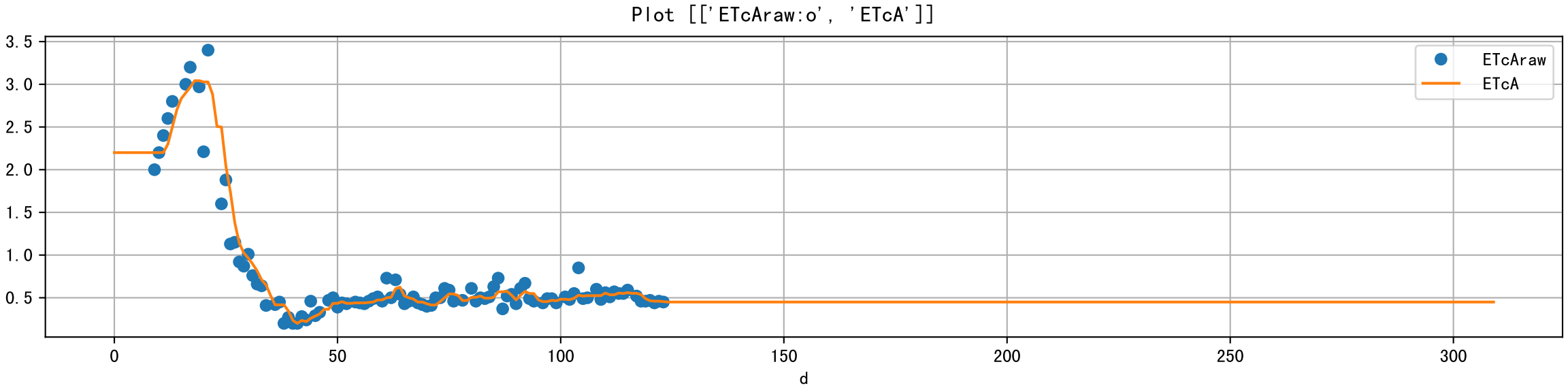


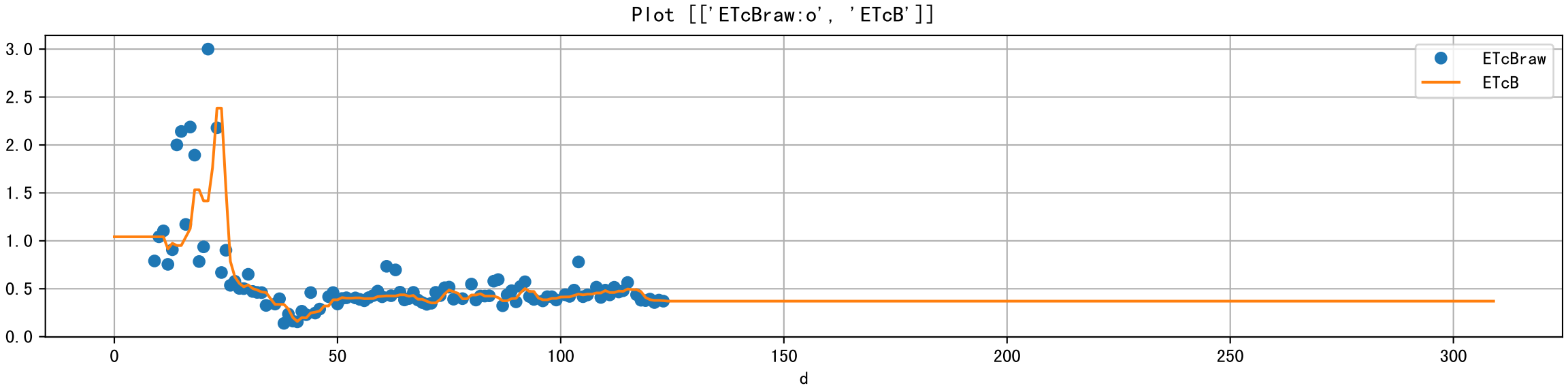




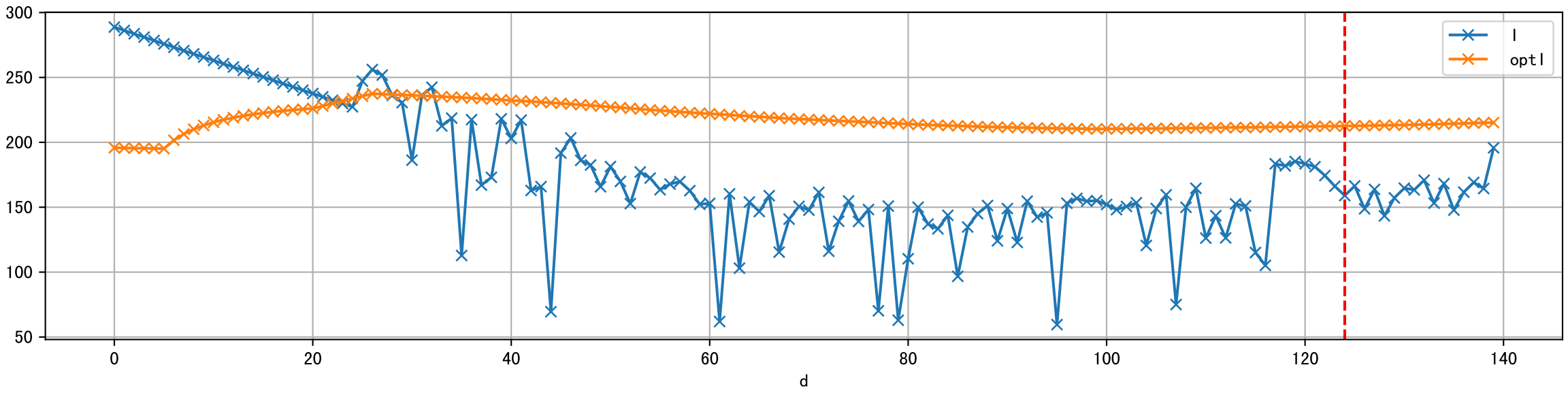


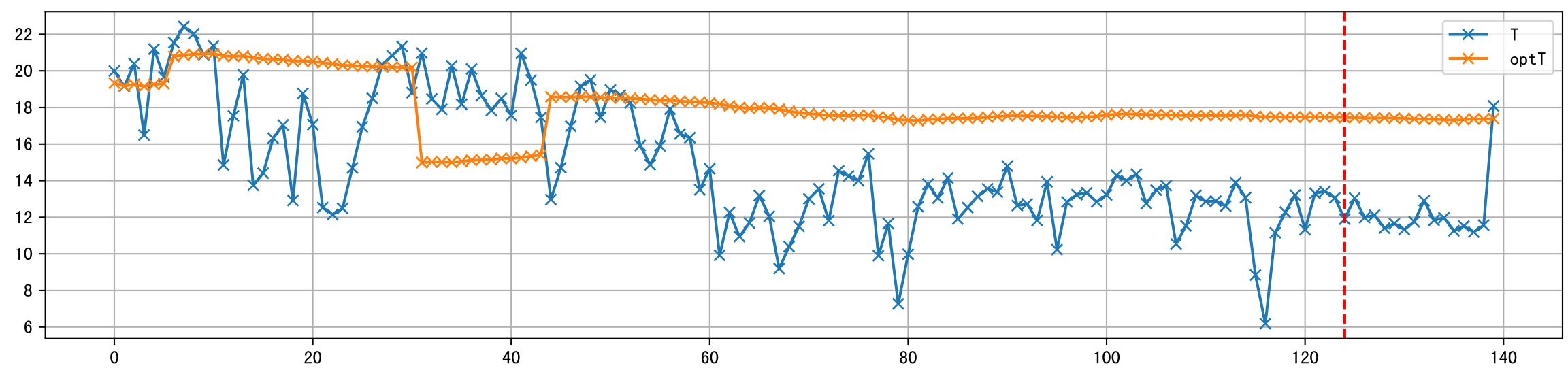

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_VN
Warning: col ['ETcA_ws'] is missing
d
ETcB_VN
Warning: col ['ETcB_ws'] is missing
d

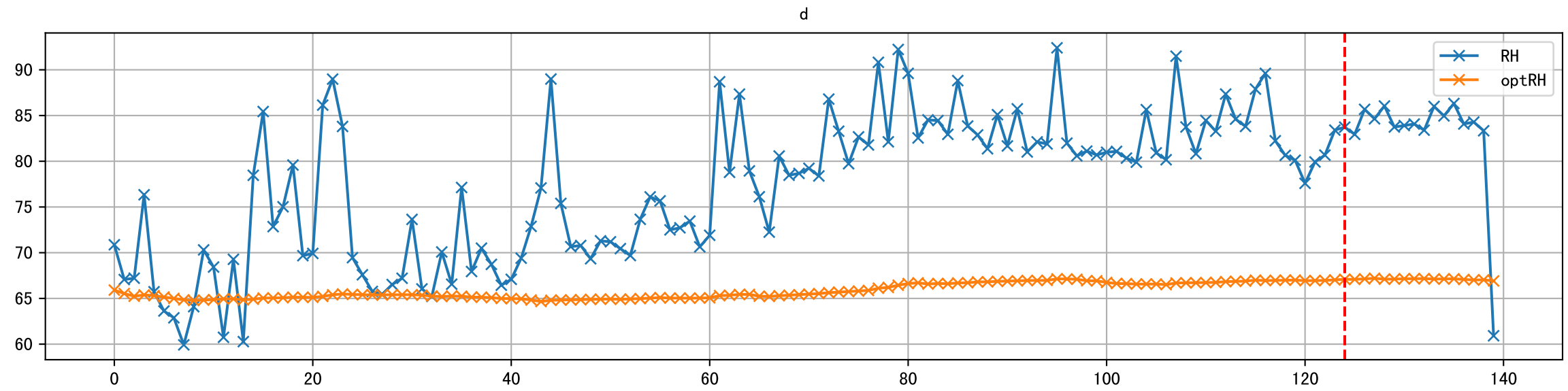

Plot [['ETcAraw:o', 'ETcA']]
ETcAraw
ETcA
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
50
100
150
200
250
300
d

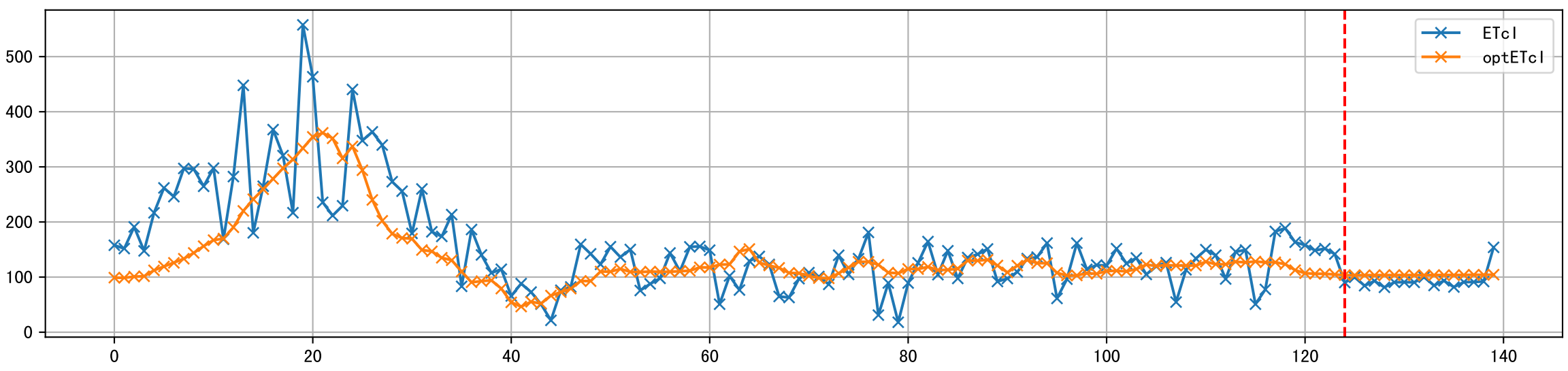

Plot [['ETcBraw:o', 'ETcB']]
ETcBraw
ETcB
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
50
100
150
200
250
300
d

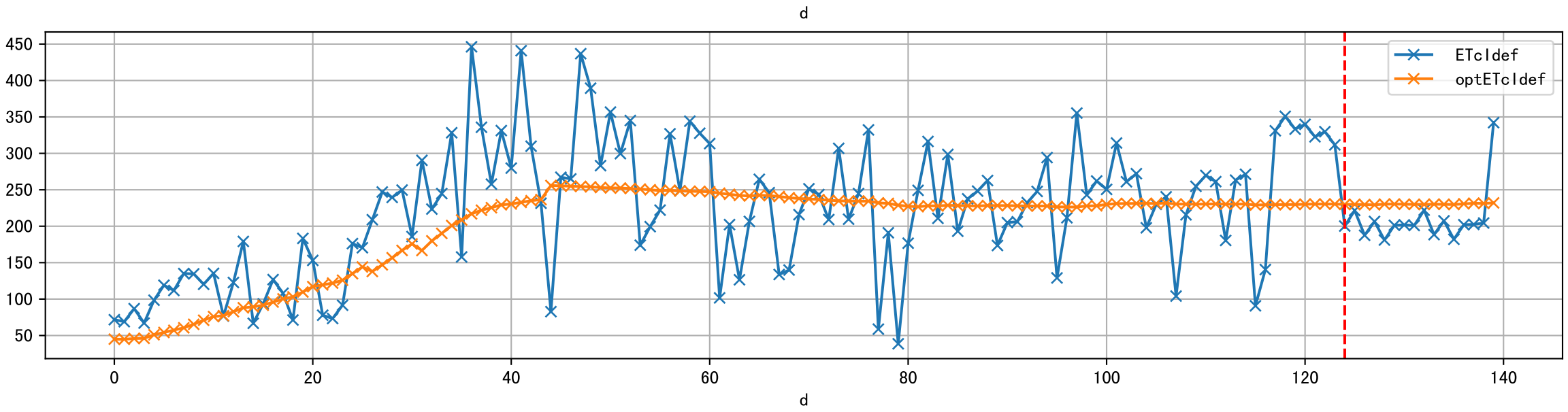
['I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

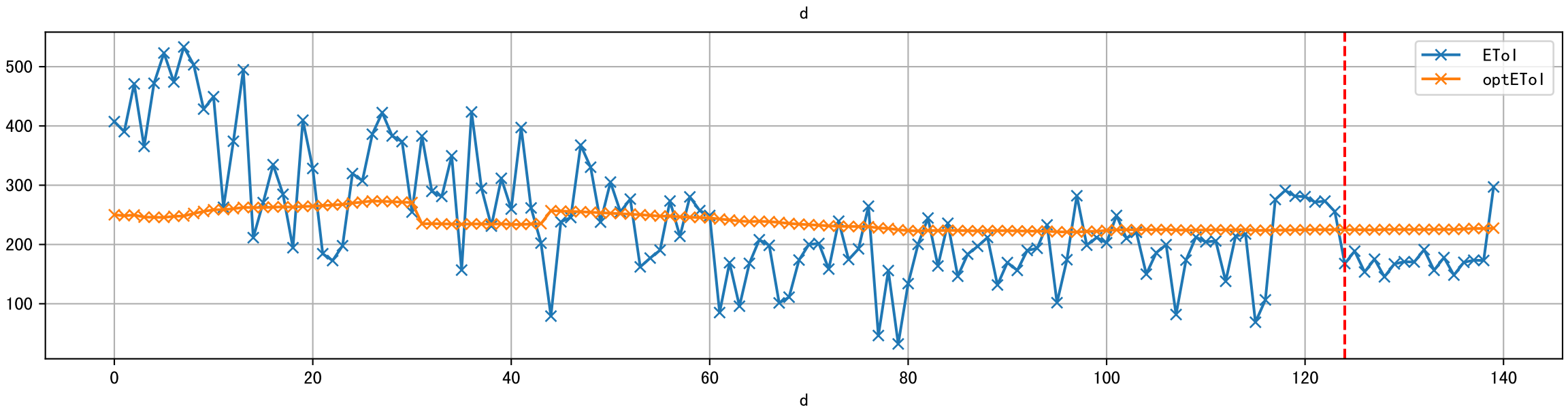


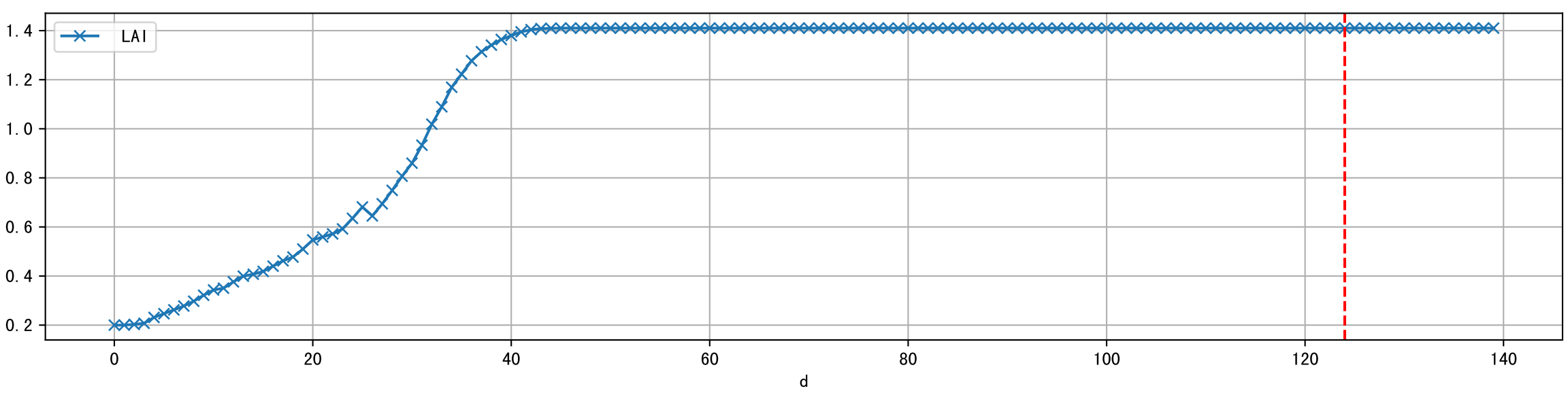


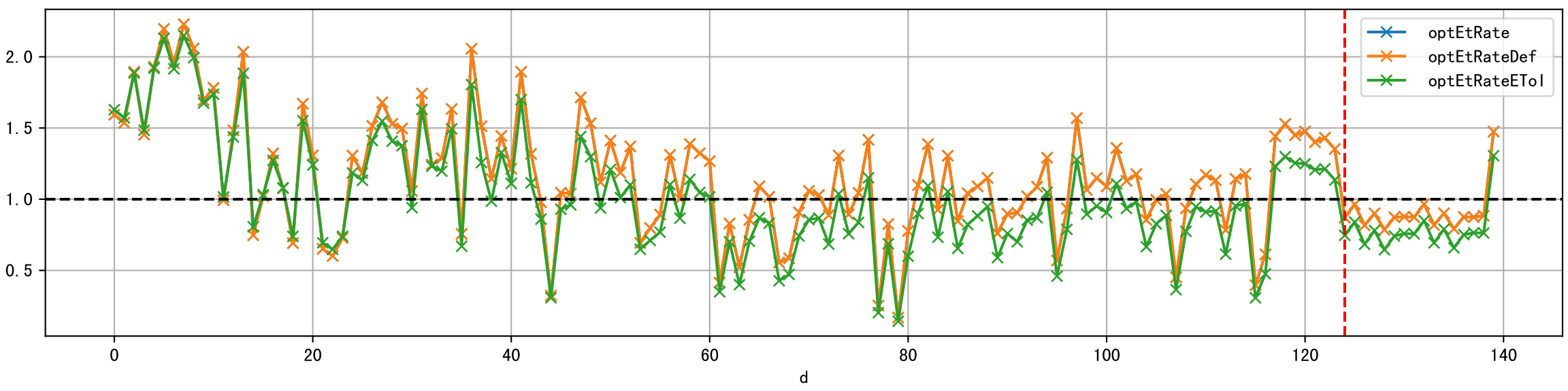


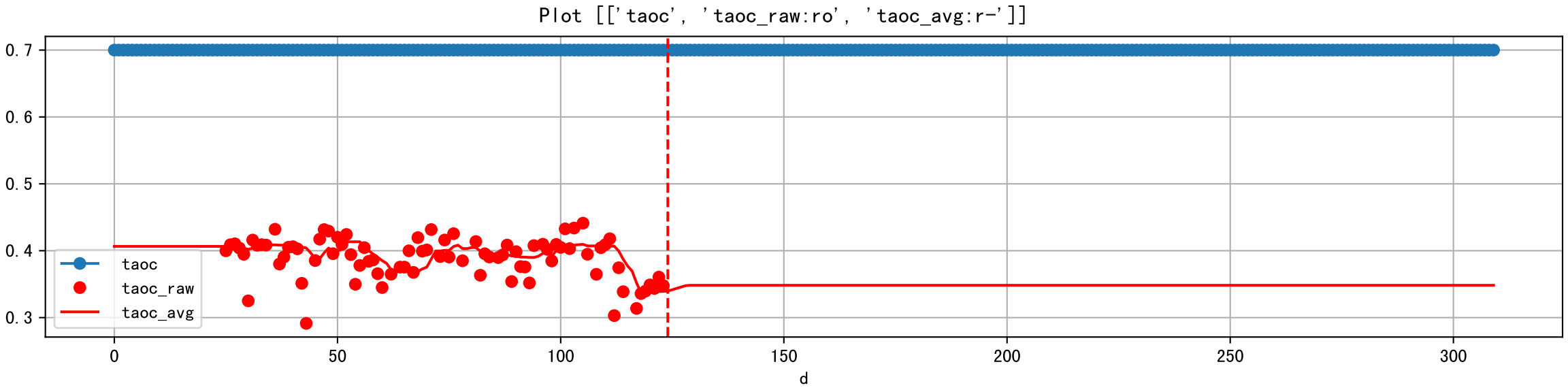


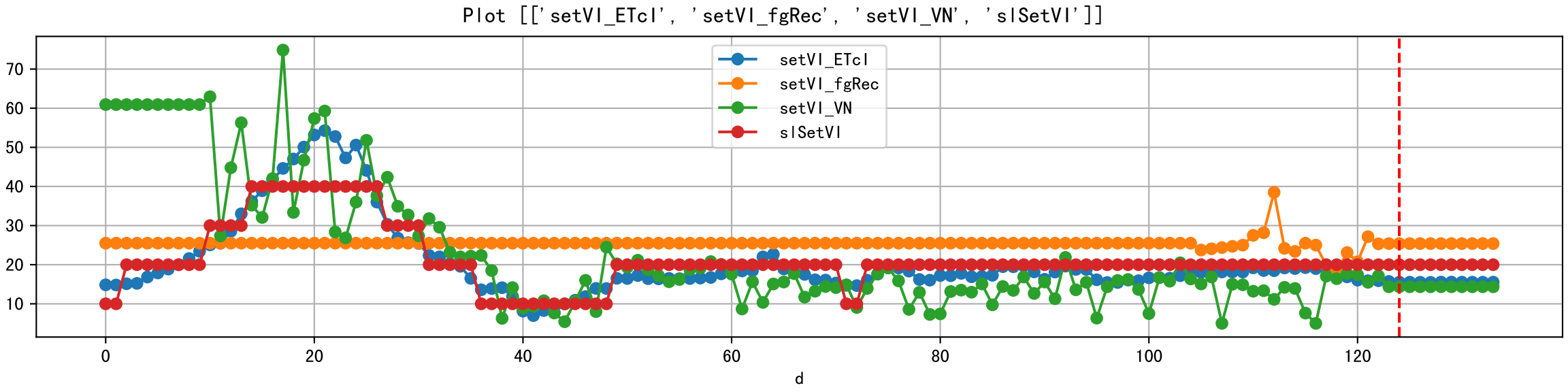


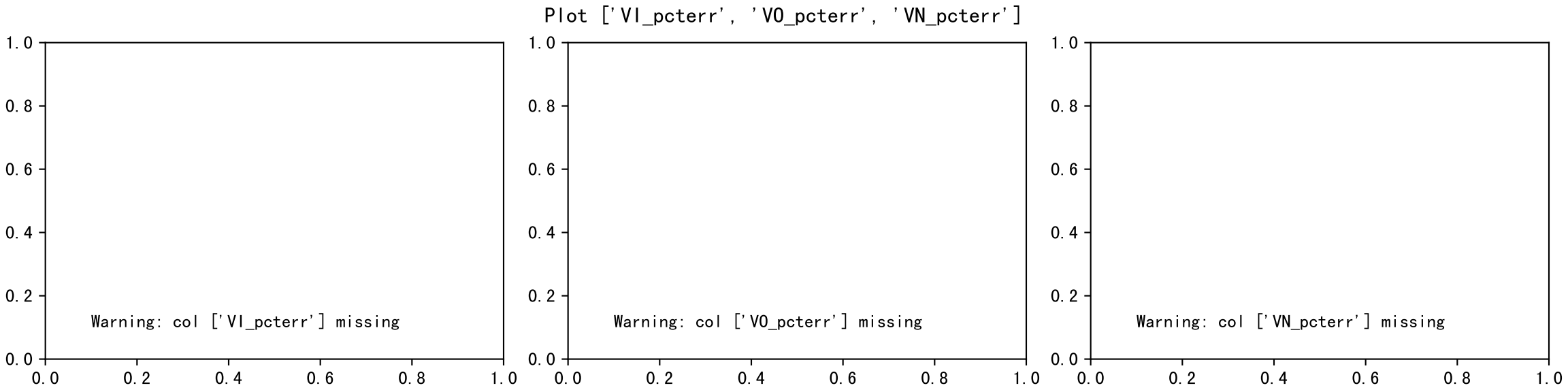


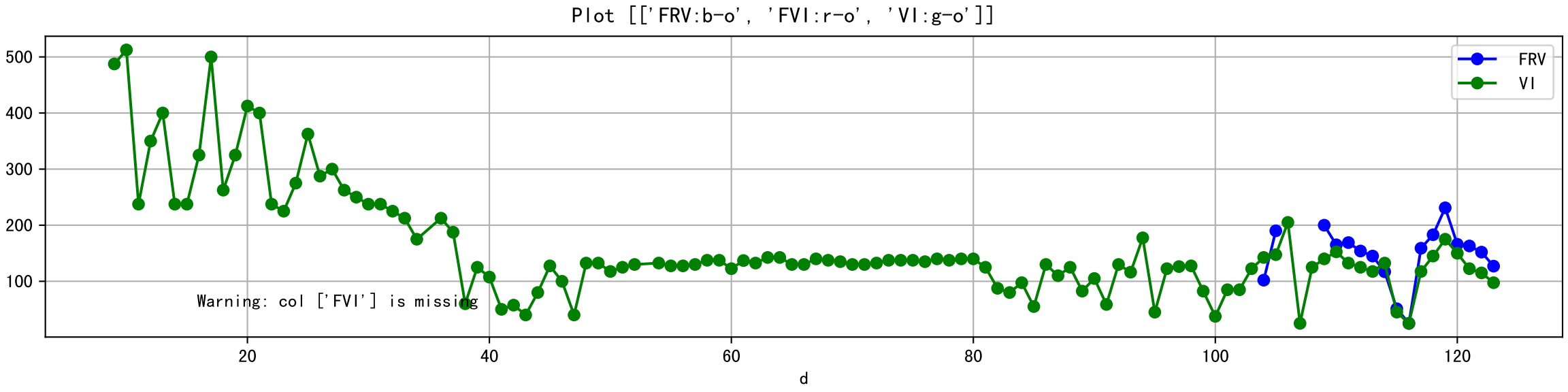


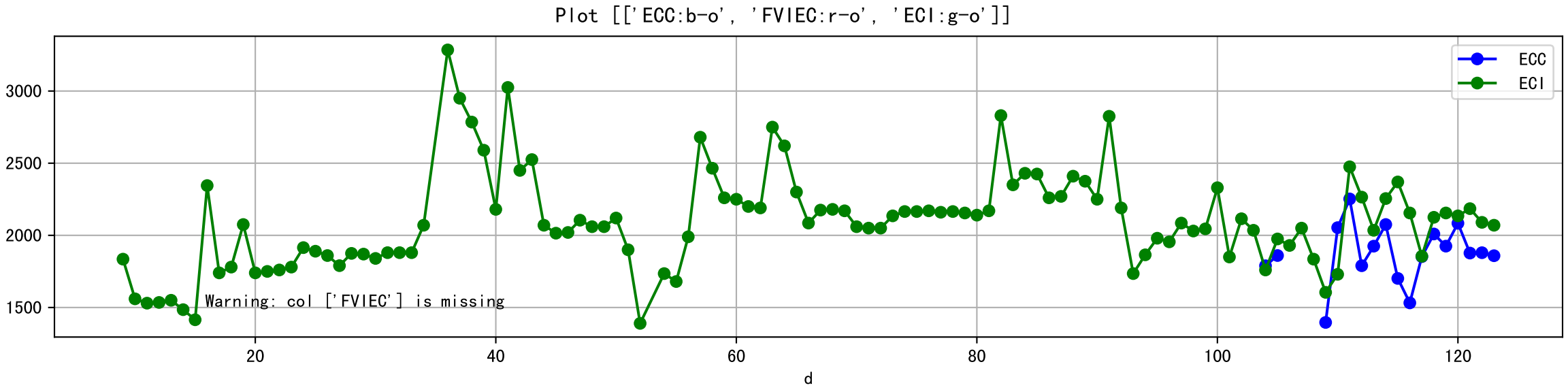


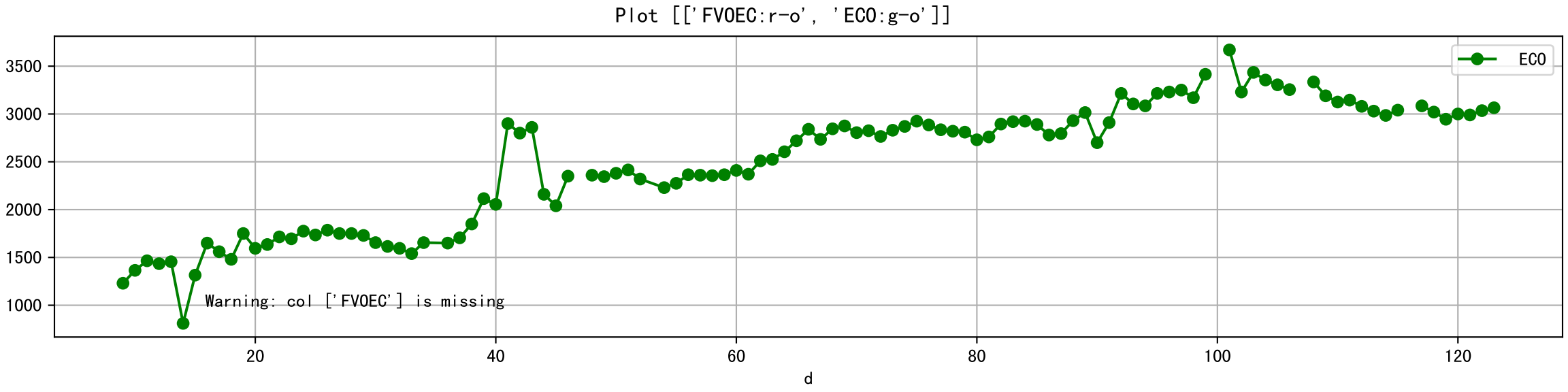

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0.3
taoc
taoc_raw
taoc_avg
0
50
100
150
200
250
300
d

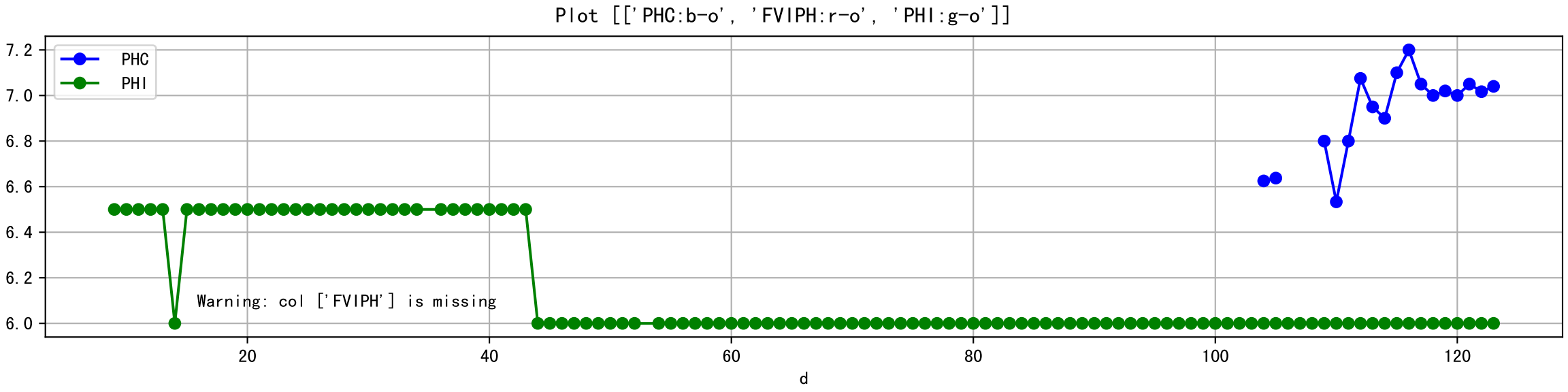

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
70
60
50
40
30
20
10
0
20
40
60
80
100
120
d

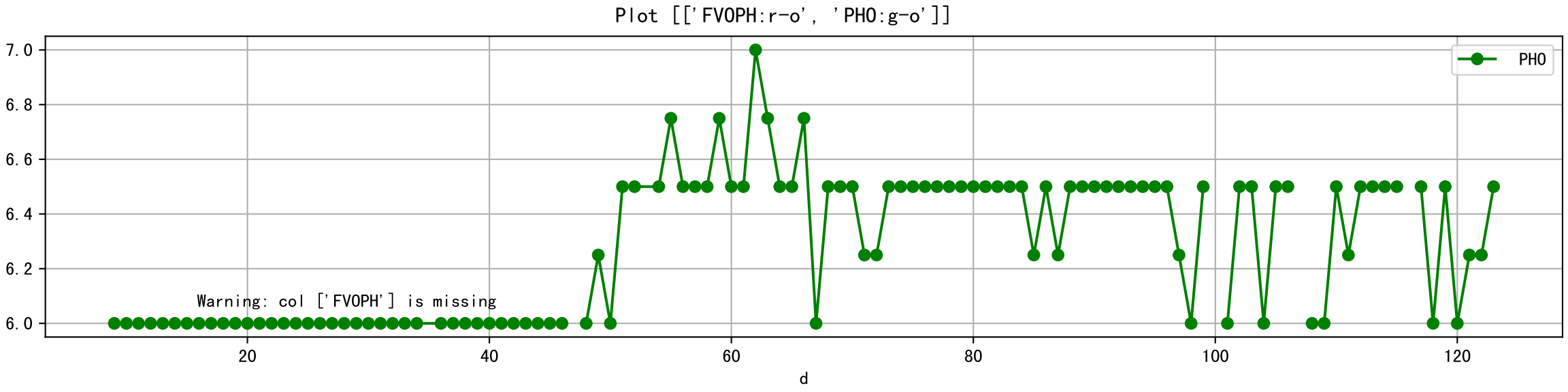

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

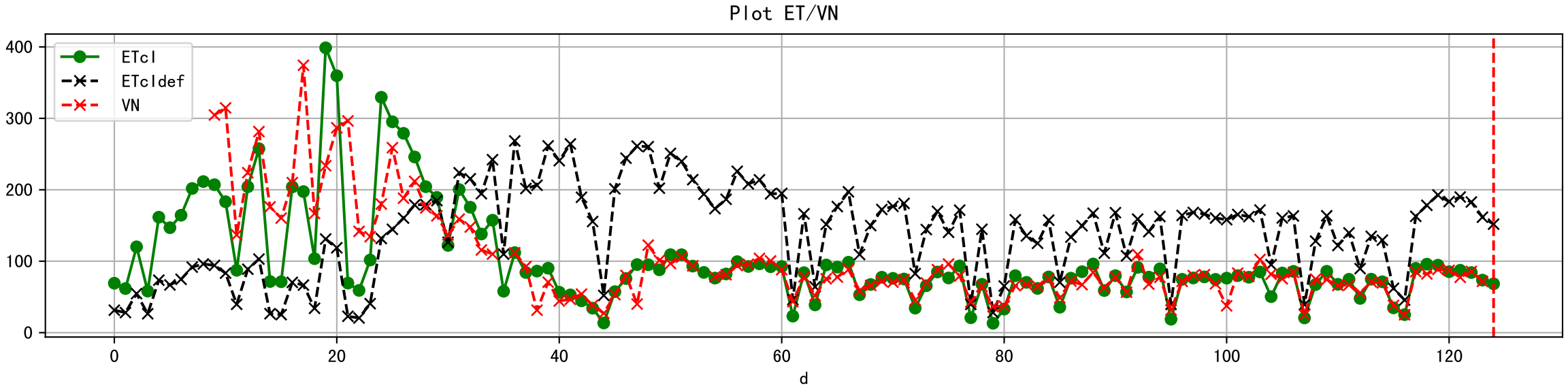

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
500
400
300
200
100
20
40
60
80
100
120
d

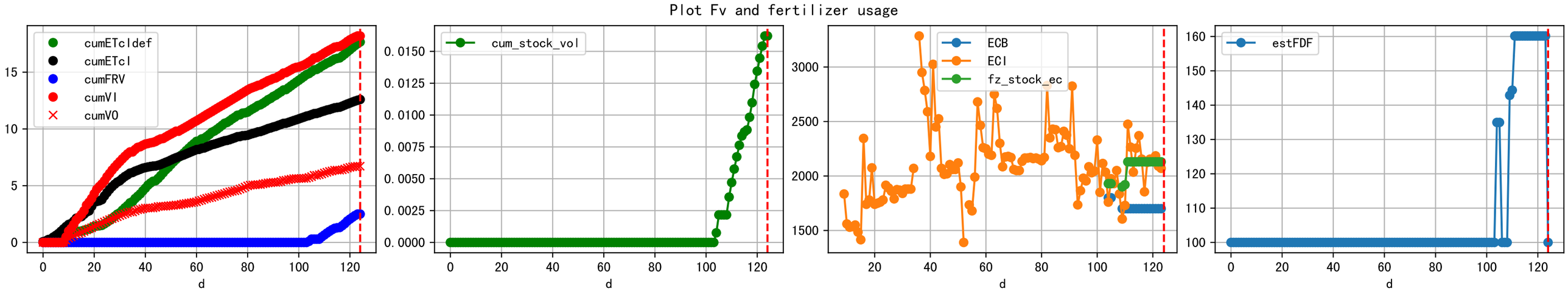

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
3000
2500
2000
1500
20
40
60
80
100
120
d

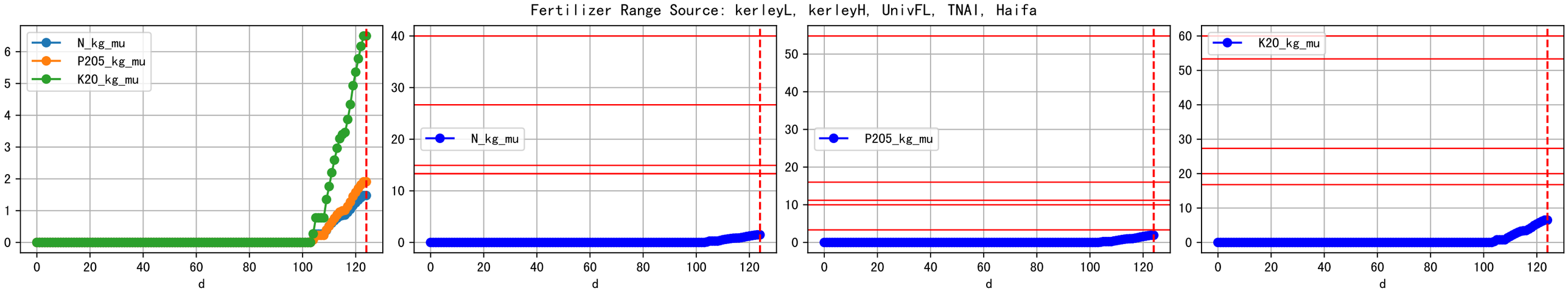

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
3500
3000
2500
2000
1500
1000
20
40
60
80
100
120
d

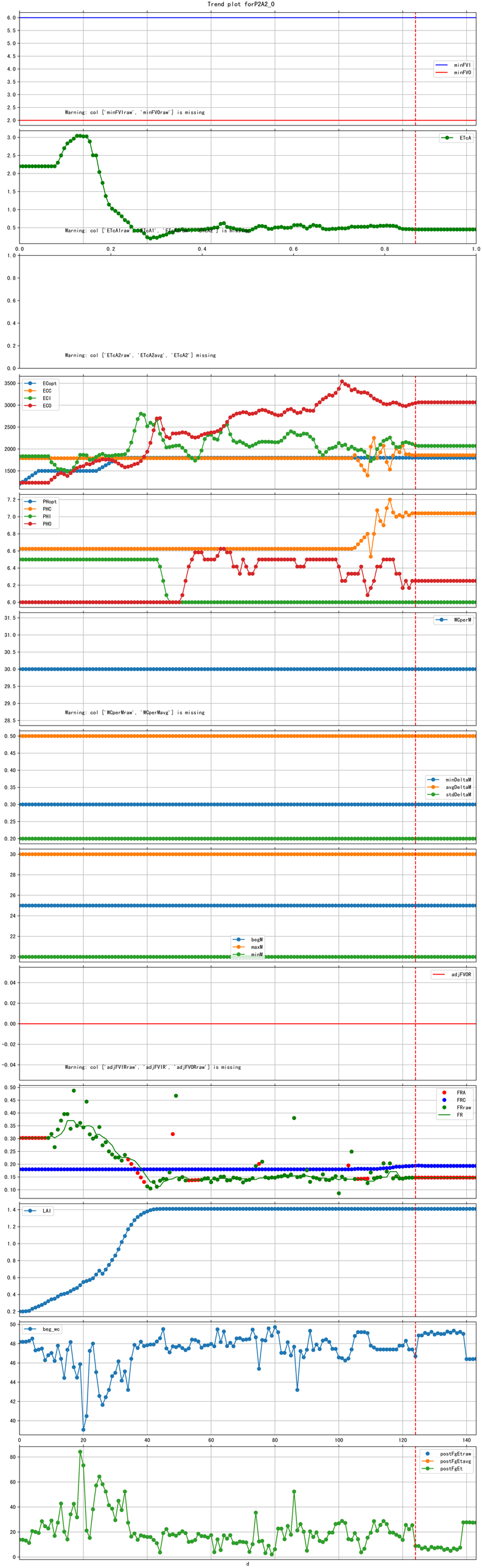

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.2
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
d

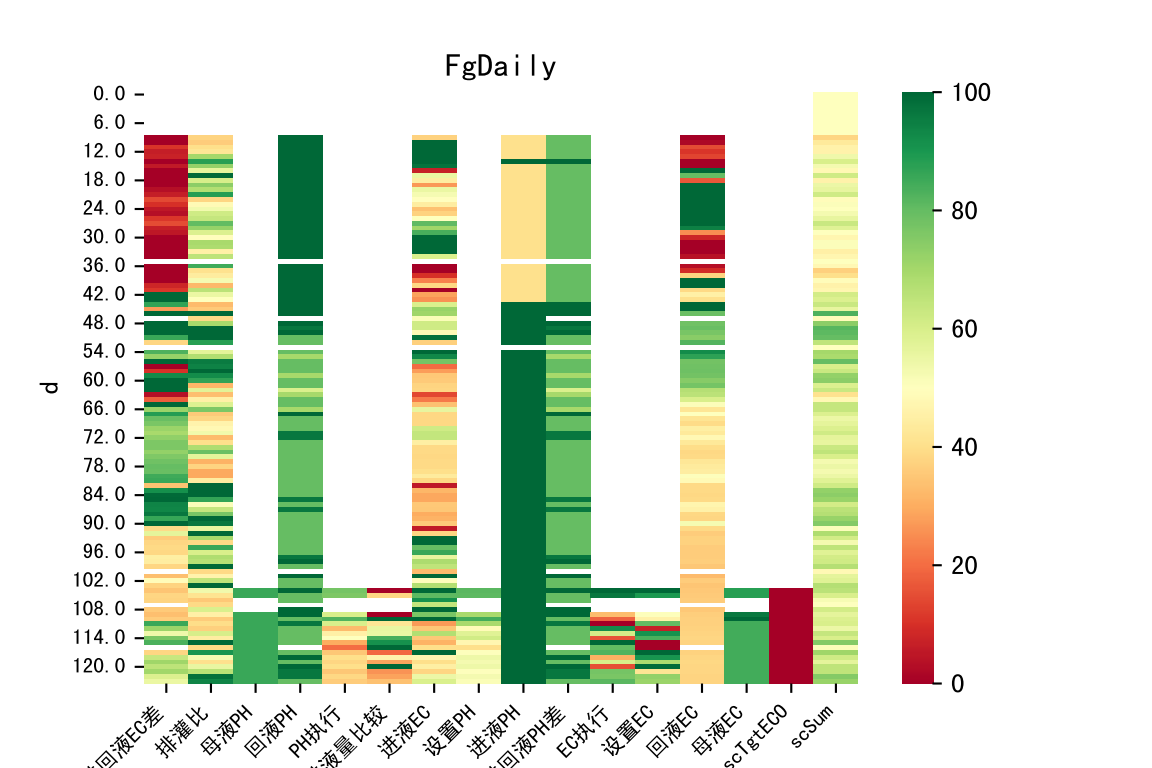

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.0
6.8
6.6
6.4
6.2
6.0
20
40
60
80
100
120
d


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

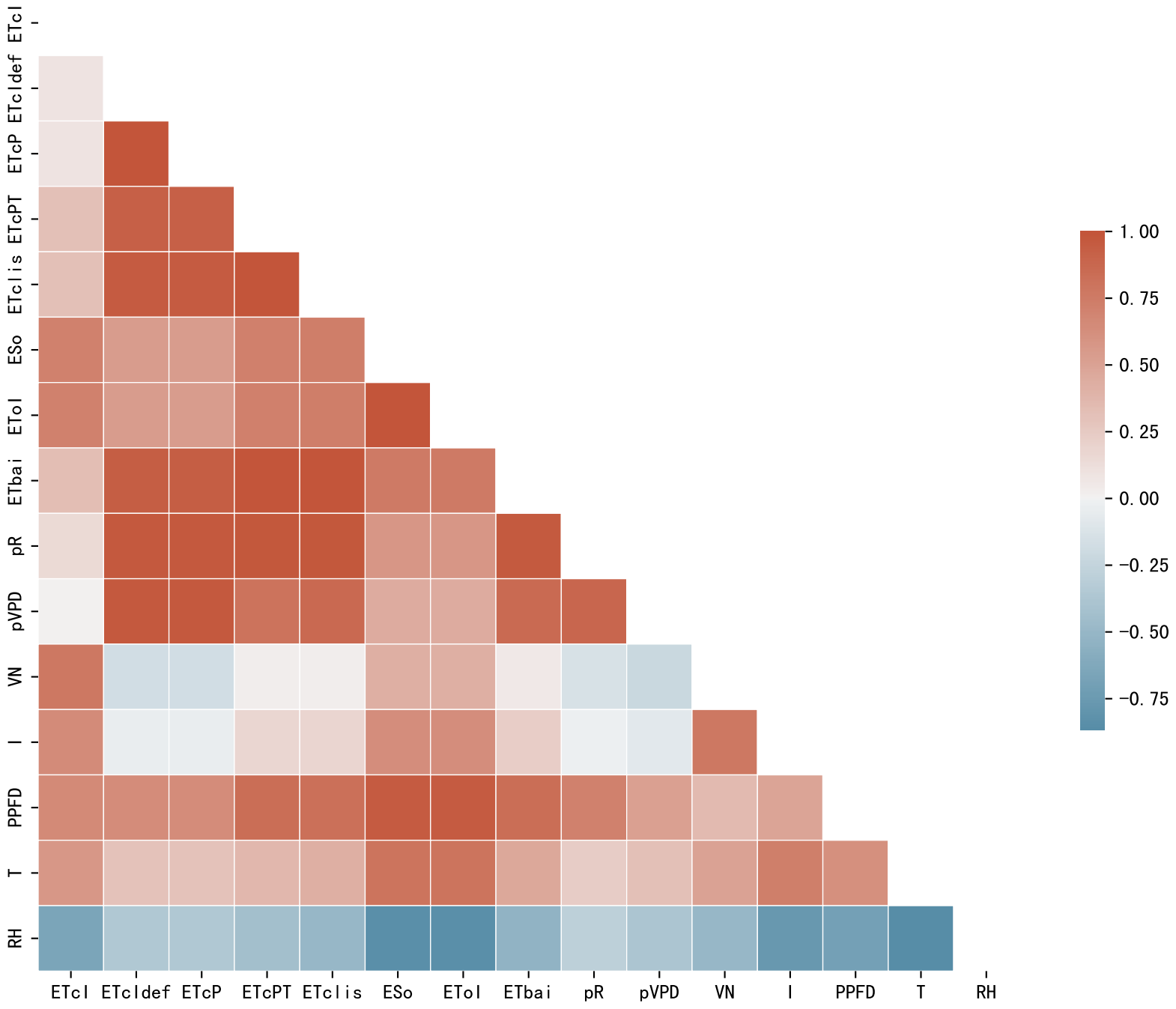

Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
d
cum_stock_vol
d
ECB
ECI
fz_stock_ec
d
estFDF
d

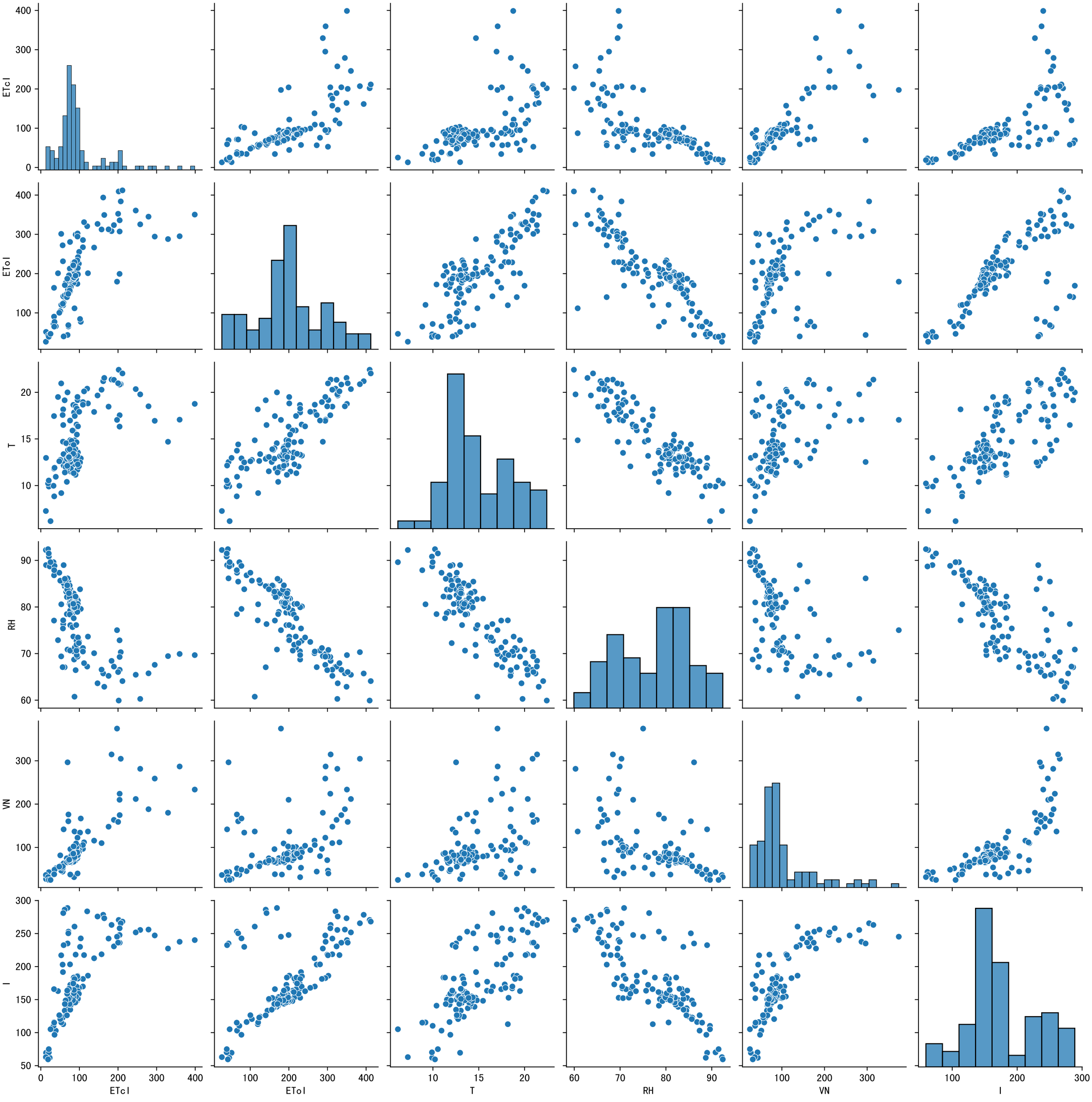

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

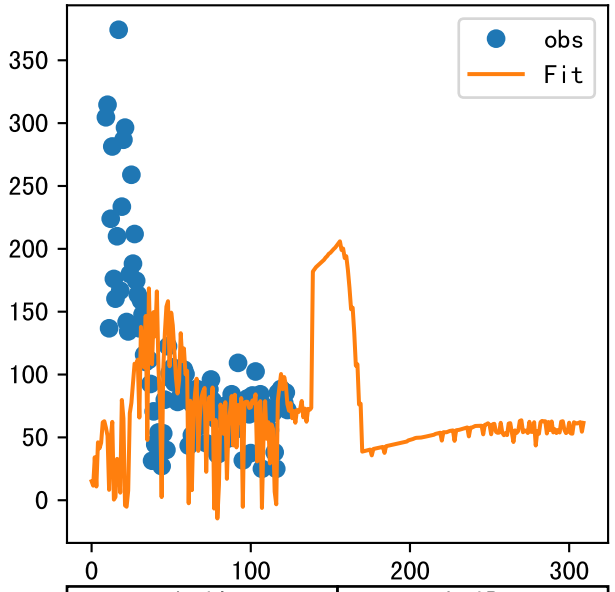

Trend plot forP2A2_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1avg', 'ETcA1', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRA
FRC
FRraw
FR
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

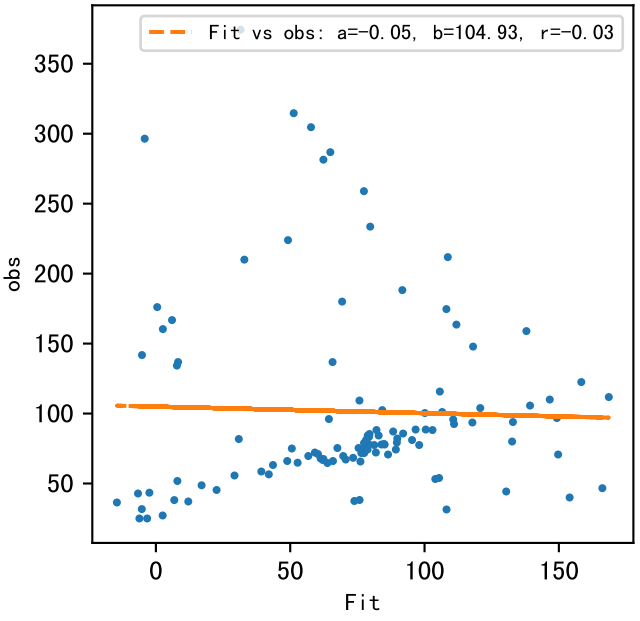

FgDaily
d
0.0
6.0
12.0
18.0
24.0
30.0
36.0
42.0
48.0
54.0
60.0
66.0
72.0
78.0
84.0
90.0
96.0
102.0
108.0
114.0
120.0
100
80
60
40
20
0
回液EC差
排灌比
母液PH
回液PH
PH执行
液量比较
进液EC
设置PH
进液PH
回液PH差
EC执行
设置EC
回液EC
母液EC
scTgtEC0
scSum

P2A2_0
ETcl
ETbai
VN
T
PPFD
I
RH
ETclis
ETcPT
ETcRn
d

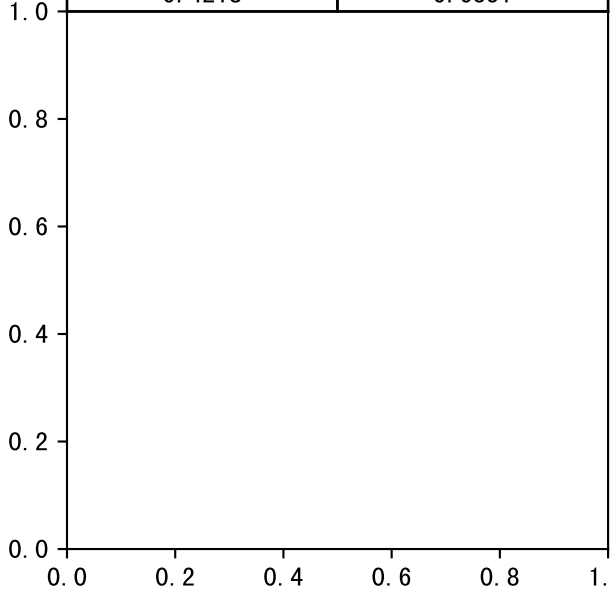

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

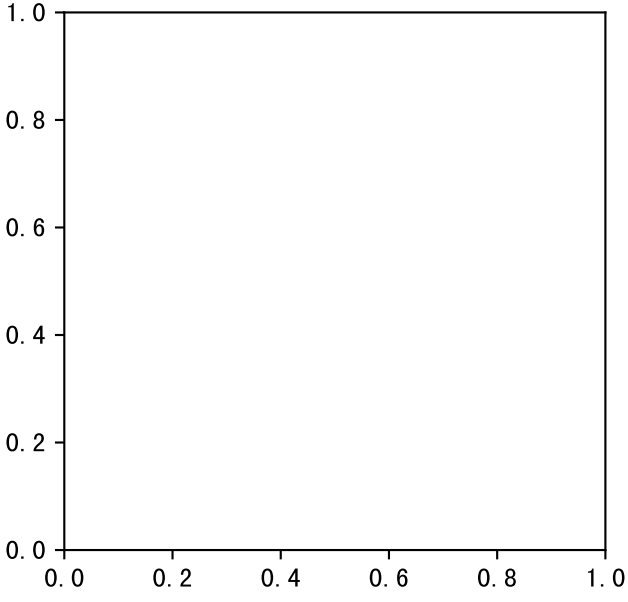

ETcI
ETsI
T
RH
VN
I
ETcI
ETsI
T
RH
VN
I

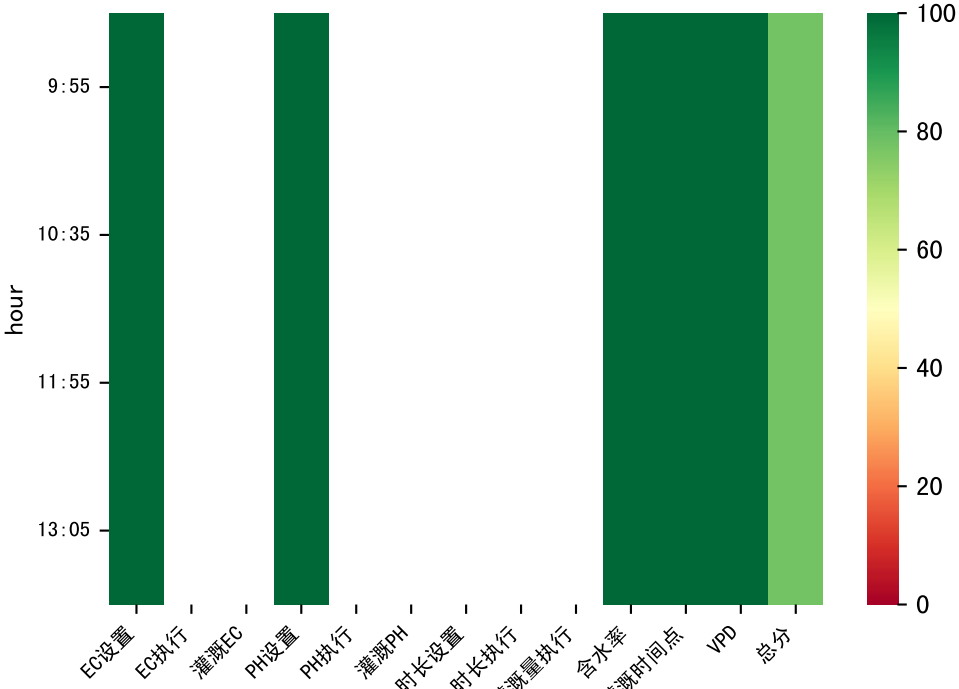




baiA	baiB
0.4218	0.0351

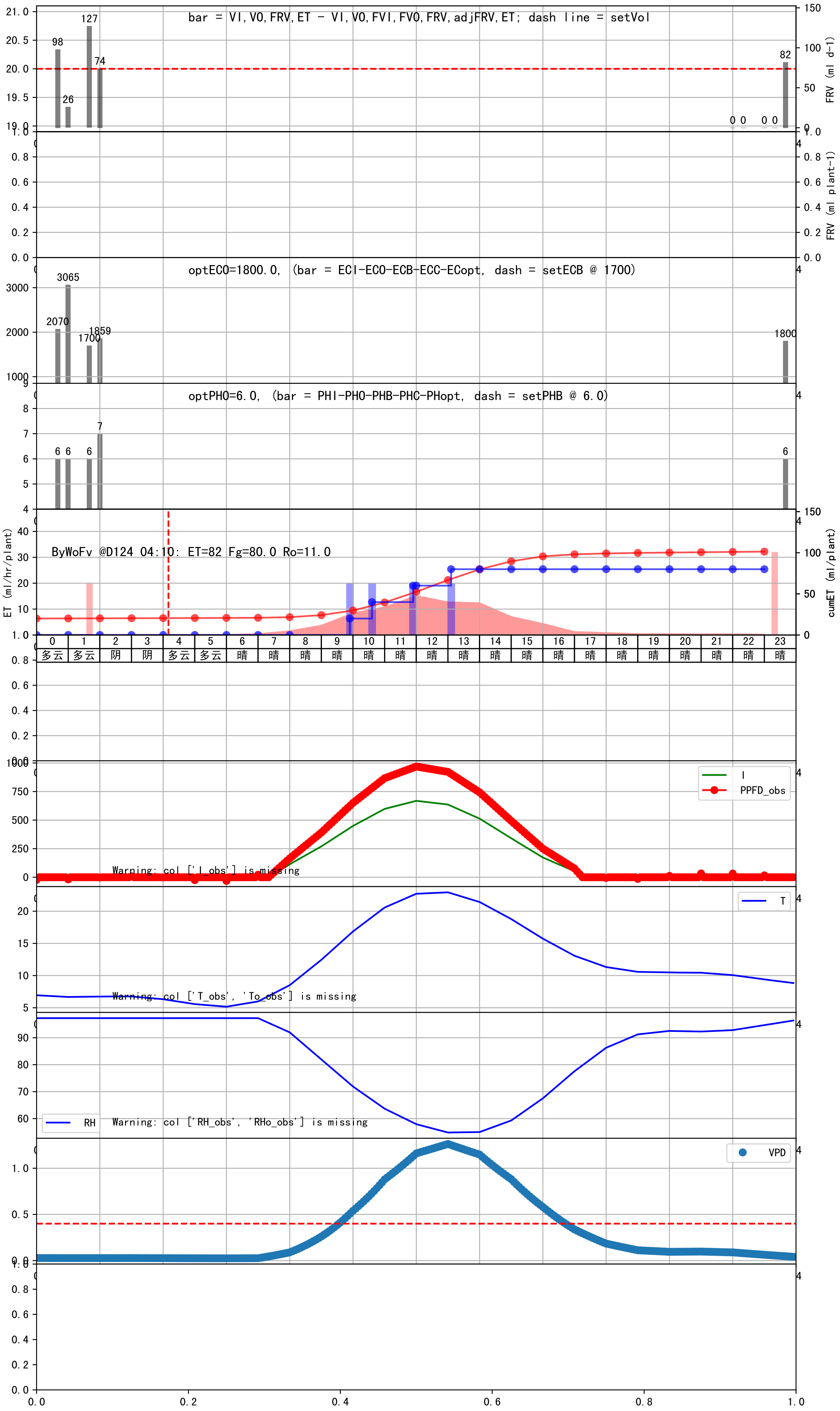


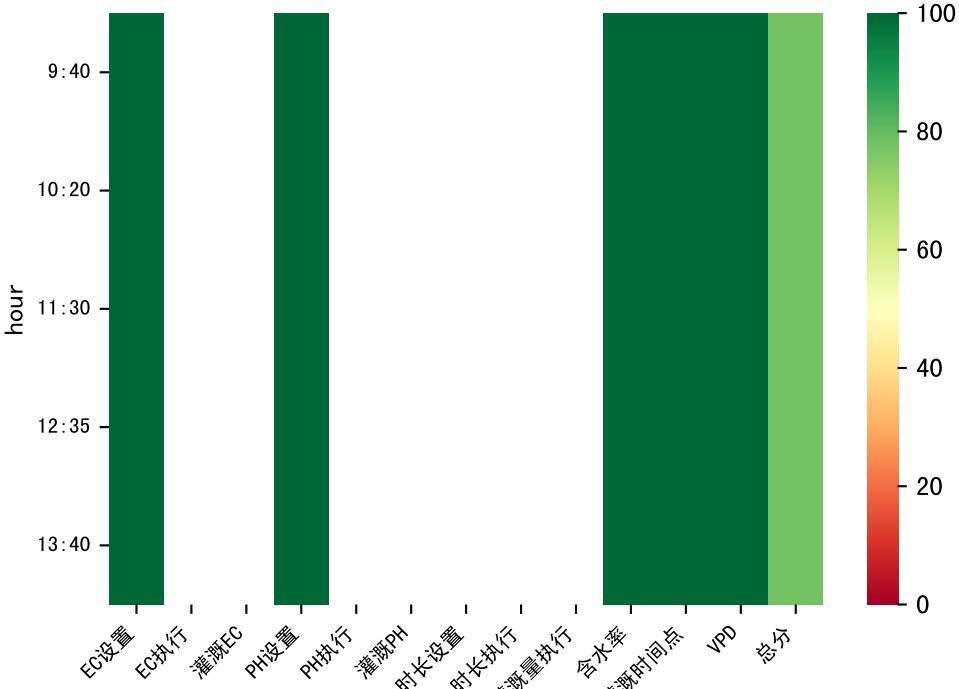



hour
9:55
10:35
11:55
13:05
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌量执行
含水率
灌时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:55	133	20.0	0.441	晴	预期@09:55 自主（未用传感器）
10:35	133	20.0	0.441	晴	预期@10:35 自主（未用传感器）
11:55	133	20.0	0.441	晴	预期@11:55 自主（未用传感器）
13:05	133	20.0	0.441	晴	预期@13:05 自主（未用传感器）
总计	532.0 (4次)	80.0			建议进液EC：1700， PH：6.0

P2A2_0, Day=124 (2026-01-26)

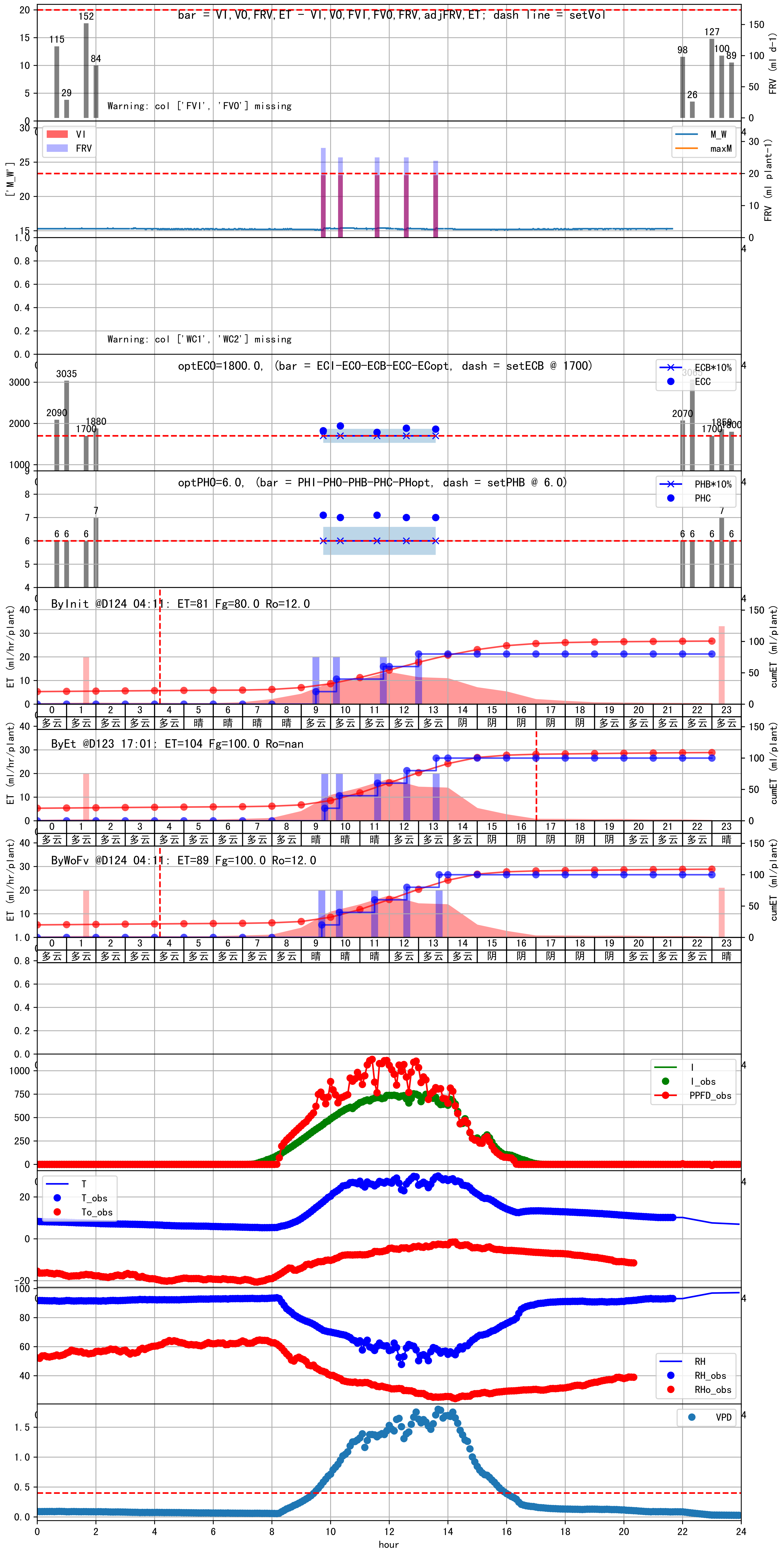


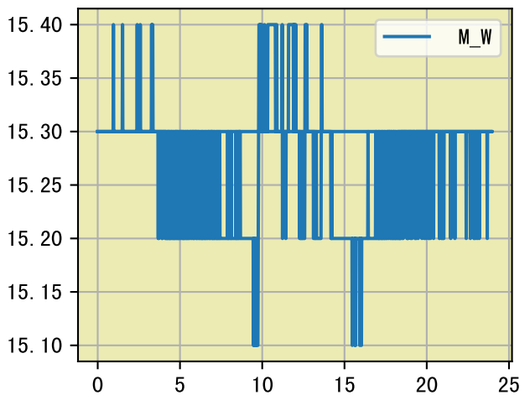

hour
9:40
10:20
11:30
12:35
13:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

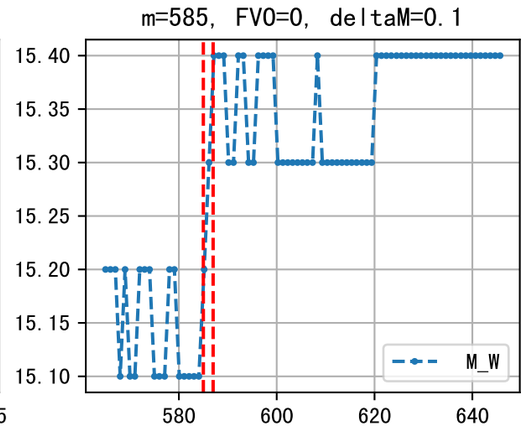
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:40	133	20.0	0.441	晴	假设@09:40 自动（未用传感器）
10:20	133	20.0	0.441	晴	假设@10:20 自动（未用传感器）
11:30	133	20.0	0.441	晴	假设@11:30 自动（未用传感器）
12:35	133	20.0	0.441	多云	假设@12:35 自动（未用传感器）
13:40	133	20.0	0.441	多云	假设@13:40 自动（未用传感器）
总计	665.0 (5次)	100.0			建议进液EC：1700， PH：6.0

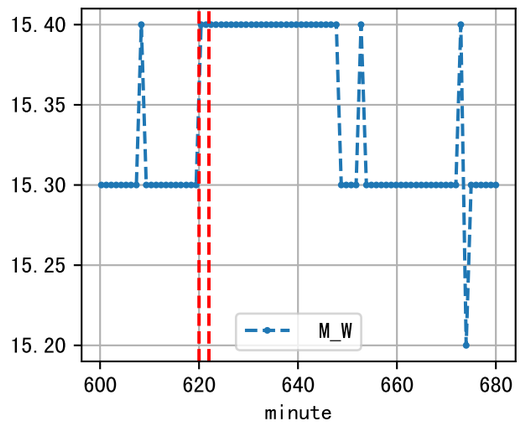
滴头平均流速偏小（0.19），请检查
默认实际灌溉20.0 ml.

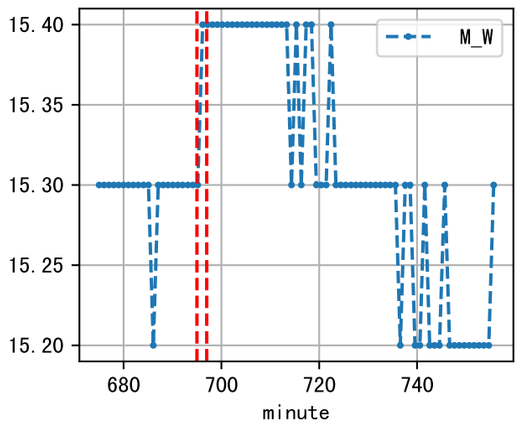
P2A2_0, Day=123 (2026-01-25)

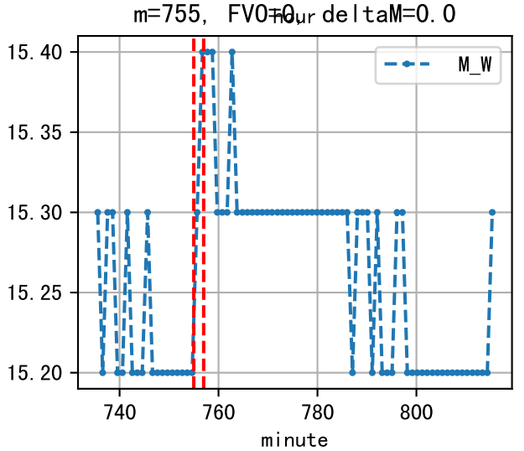


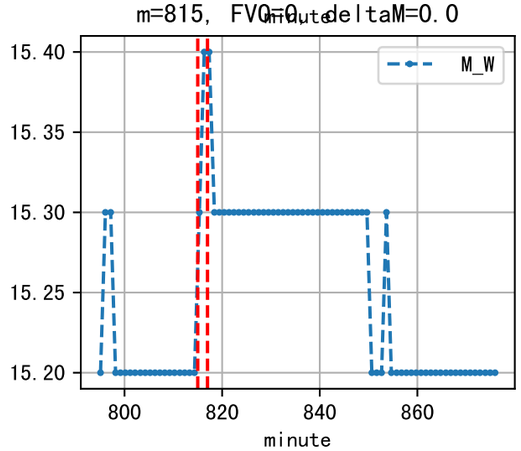

M_W
15.40
15.35
15.30
15.25
15.20
15.15
15.10
0
5
10
15
20
25

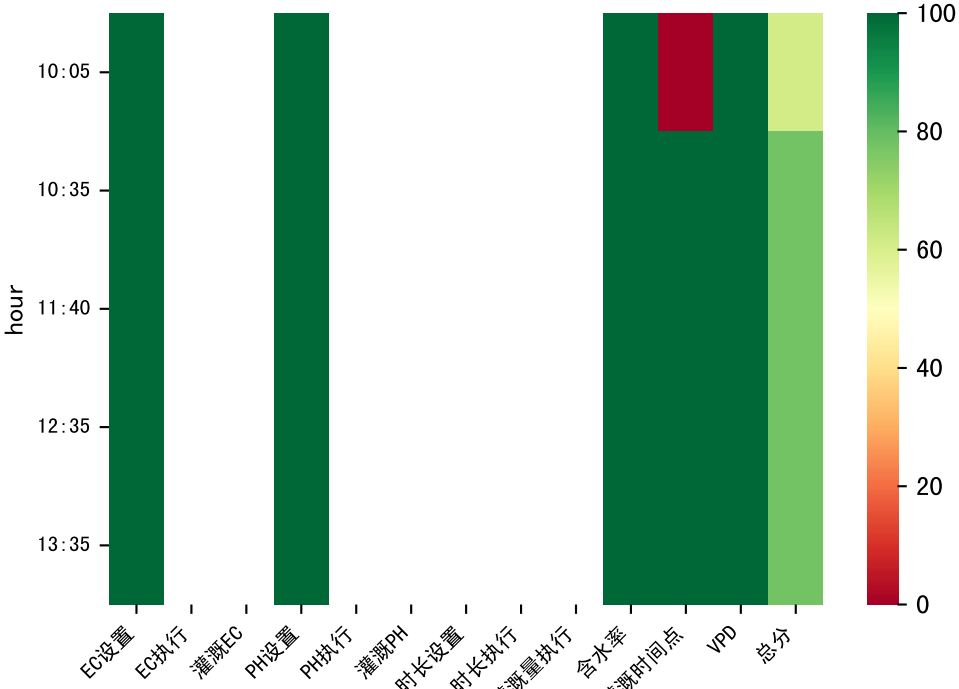

m=585, FVO=0, deltaM=0.1
M_W
15.40
15.35
15.30
15.25
15.20
15.15
15.10
580
600
620
640


m=620, FVO=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
600
620
640
660
680
minute


m=695, FVO=0, deltaM=0.1
M_W
15.40
15.35
15.30
15.25
15.20
680
700
720
740
minute


m=755, FVO=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
740
760
780
800
minute

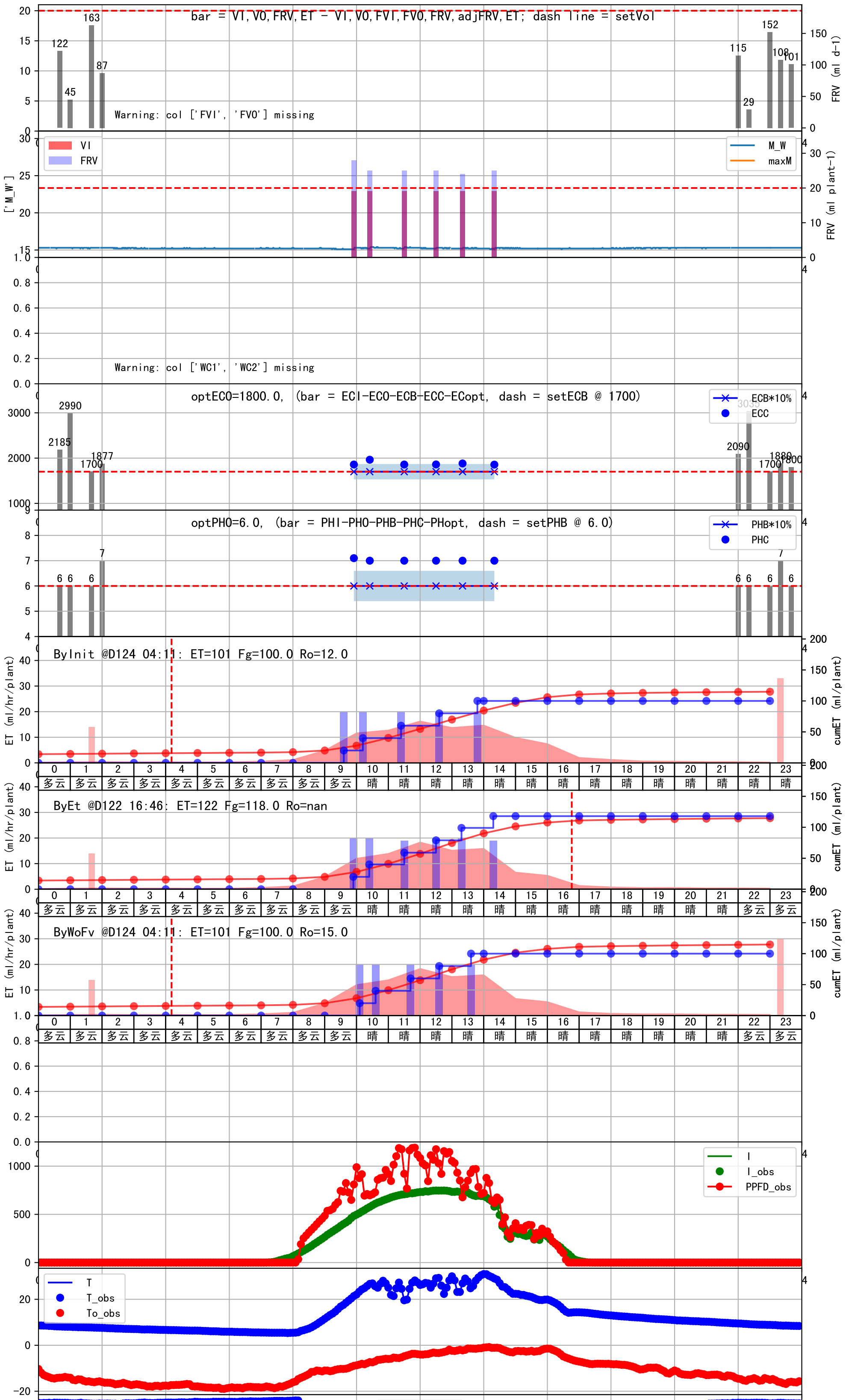

m=815, FVO=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
800
820
840
860
minute

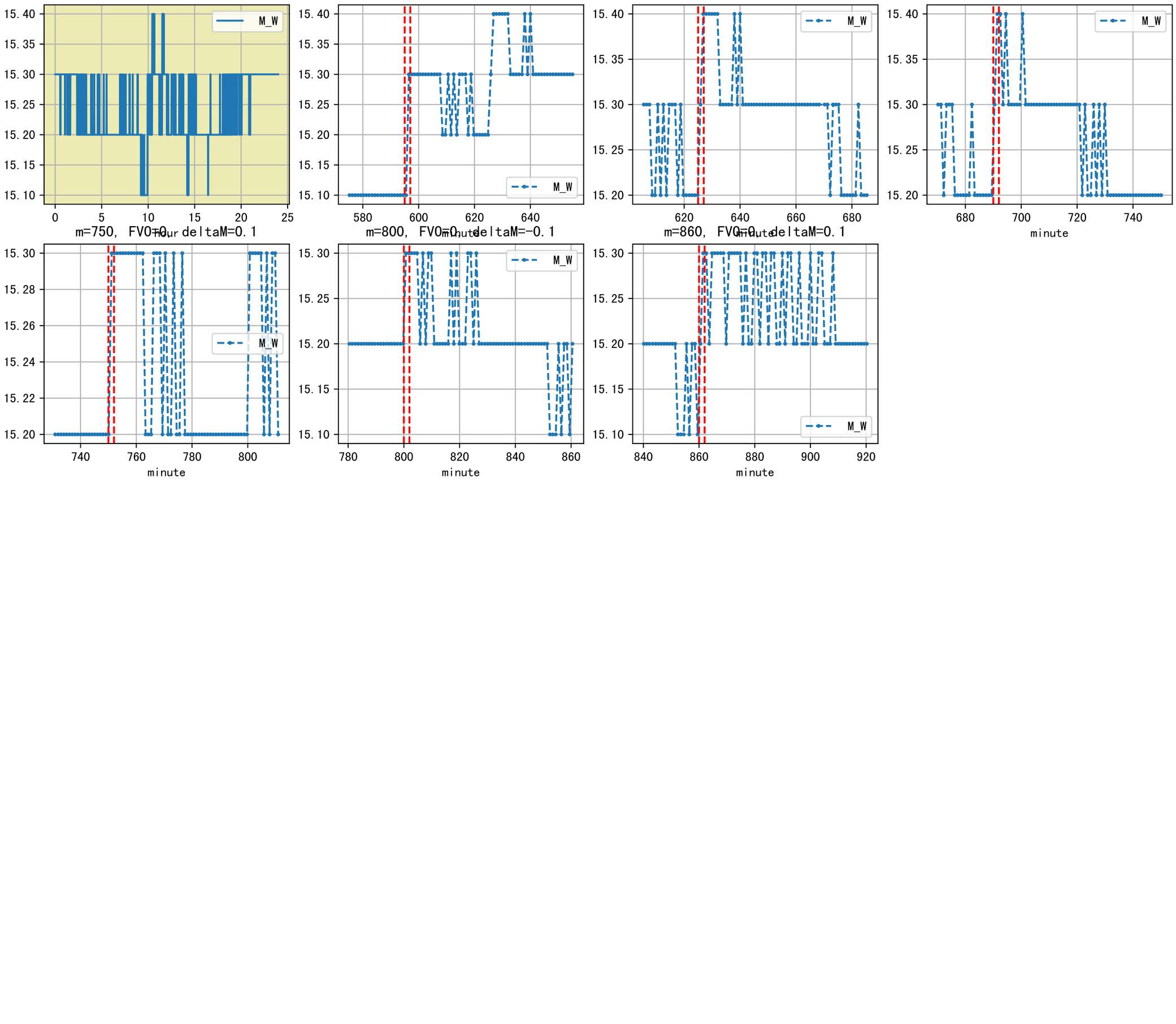

hour
10:05
10:35
11:40
12:35
13:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

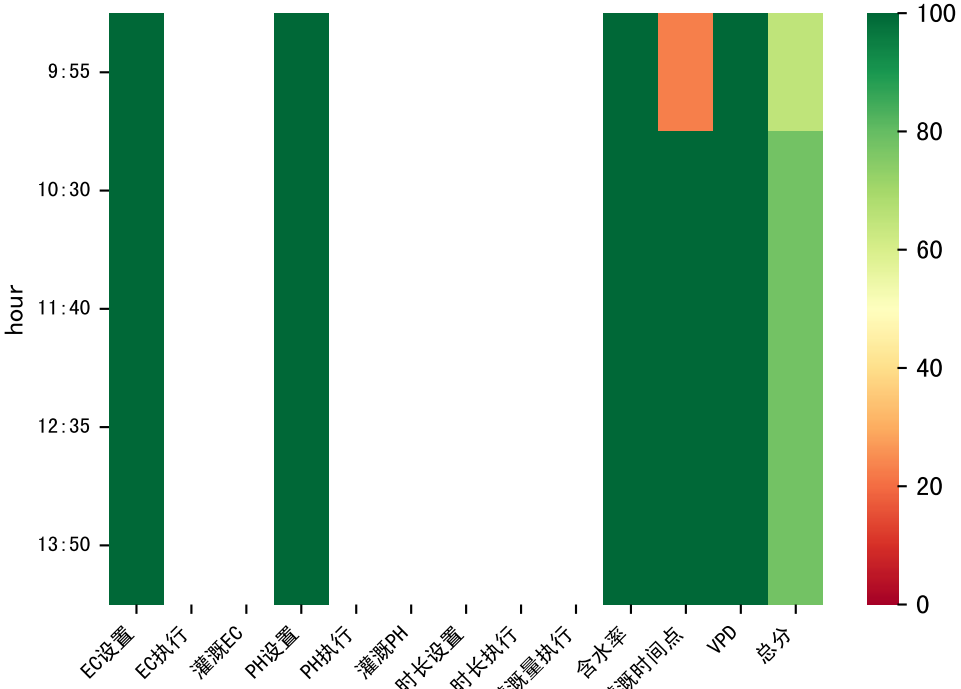
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
10:05	131	20.0	0.441	晴	假设@10:05 自动（未用传感器）
10:35	131	20.0	0.441	晴	假设@10:35 自动（未用传感器）
11:40	131	20.0	0.441	晴	假设@11:40 自动（未用传感器）
12:35	131	20.0	0.441	晴	假设@12:35 自动（未用传感器）
13:35	131	20.0	0.441	晴	假设@13:35 自动（未用传感器）
总计	655.0 (5次)	100.0			建议进液EC：1700， PH：6.0

滴头平均流速偏小（0.19），请检查
施肥机灌溉量与预期值不符 (25.0 : 18.0)，可能由于一阀多区不均匀
上次灌溉时长(129)与预期(143.0)不符，可能由于多阀同灌按参考区灌溉
默认实际灌溉18.0 ml.

P2A2_0, Day=122 (2026-01-24)



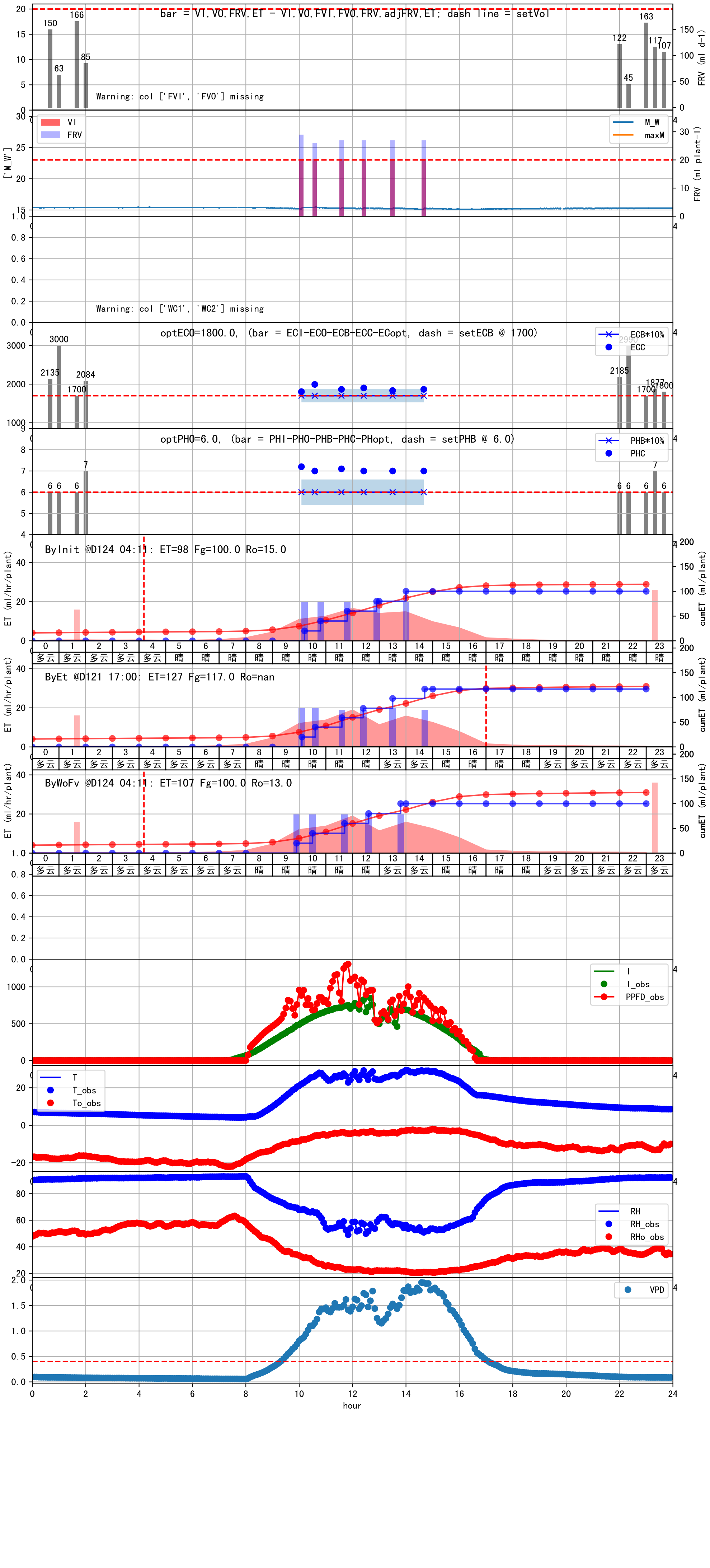

m=595, FV0=0, deltaM=0.2
m=625, FV0=0, deltaM=0.0
m=690, FV0=0, deltaM=0.1
m=750, FV0=0, deltaM=0.1
m=800, FV0=0, deltaM=-0.1
m=860, FV0=0, deltaM=0.1
M_W
minute

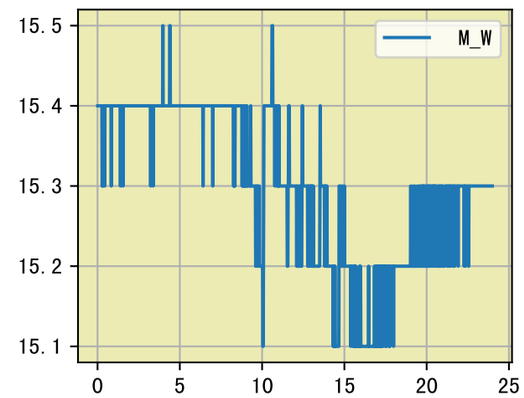

hour
9:55
10:30
11:40
12:35
13:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

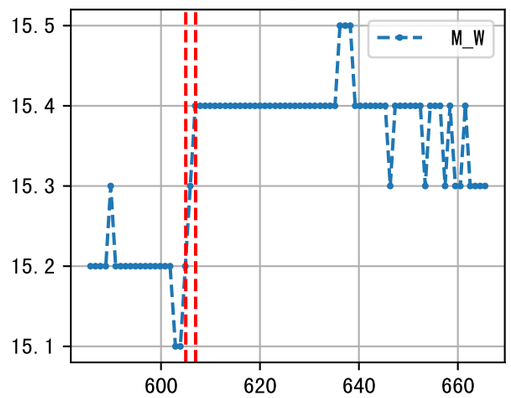
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:55	140	20.0	0.441	晴	假设@09:55 自动（未用传感器）
10:30	140	20.0	0.441	晴	假设@10:30 自动（未用传感器）
11:40	140	20.0	0.441	晴	假设@11:40 自动（未用传感器）
12:35	140	20.0	0.441	晴	假设@12:35 自动（未用传感器）
13:50	140	20.0	0.441	多云	假设@13:50 自动（未用传感器）
总计	700.0 (5次)	100.0			建议进液EC：1700， PH：6.0

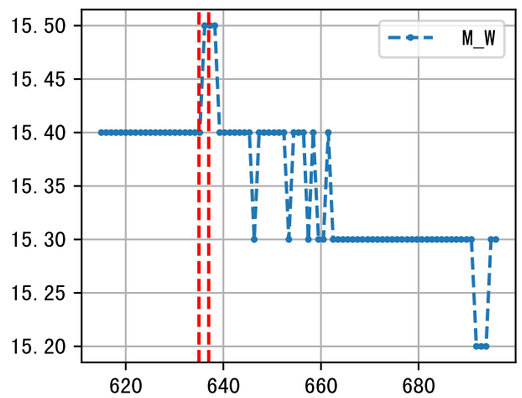
滴头平均流速偏小（0.19），请检查
施肥机灌溉量与预期值不符 (27.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

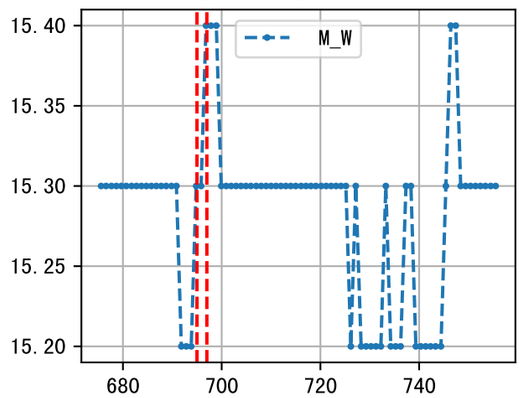
P2A2_0, Day=121 (2026-01-23)

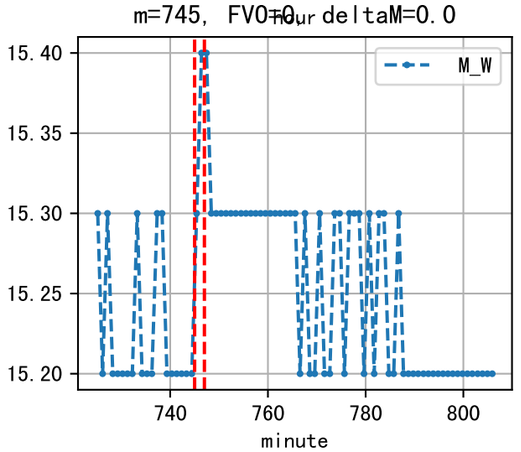


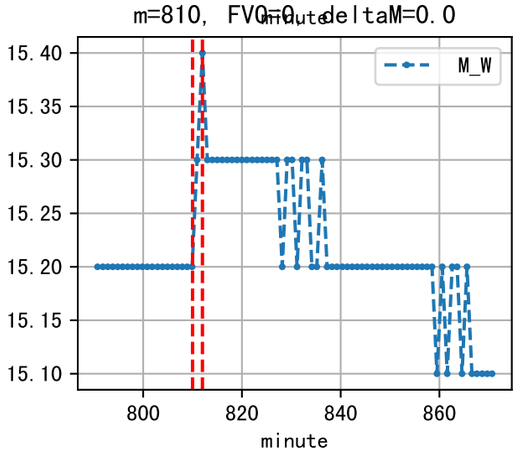

M_W
15.5
15.4
15.3
15.2
15.1
0
5
10
15
20
25

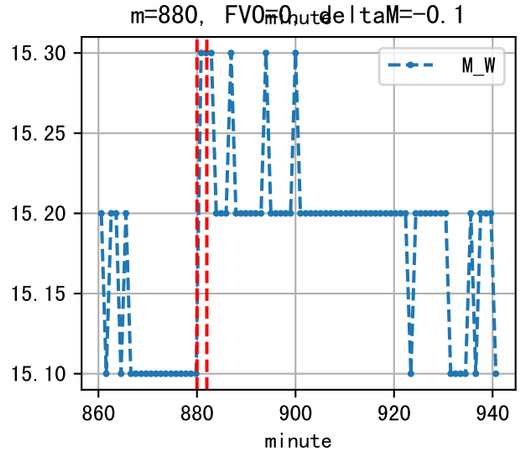

m=605, FV0=0, deltaM=0.1
M_W
15.5
15.4
15.3
15.2
15.1
600
620
640
660
minute

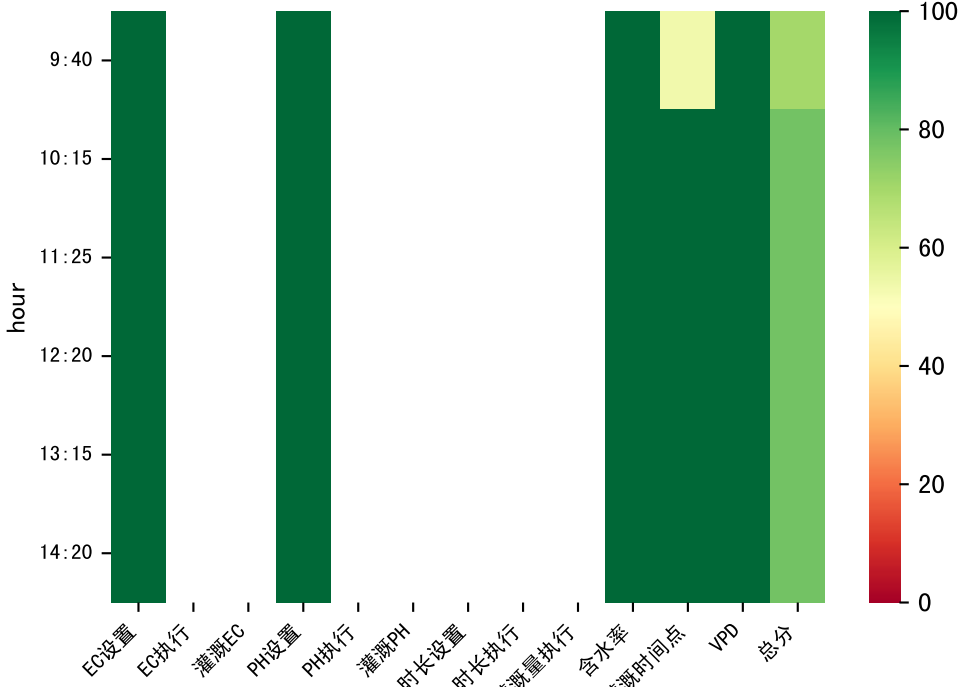

m=635, FV0=0, deltaM=0.0
M_W
15.50
15.45
15.40
15.35
15.30
15.25
15.20
620
640
660
680
minute


m=695, FV0=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
680
700
720
740
minute


m=745, FV0=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
740
760
780
800
minute


m=810, FV0=0, deltaM=0.0
M_W
15.40
15.35
15.30
15.25
15.20
15.15
15.10
800
820
840
860
minute

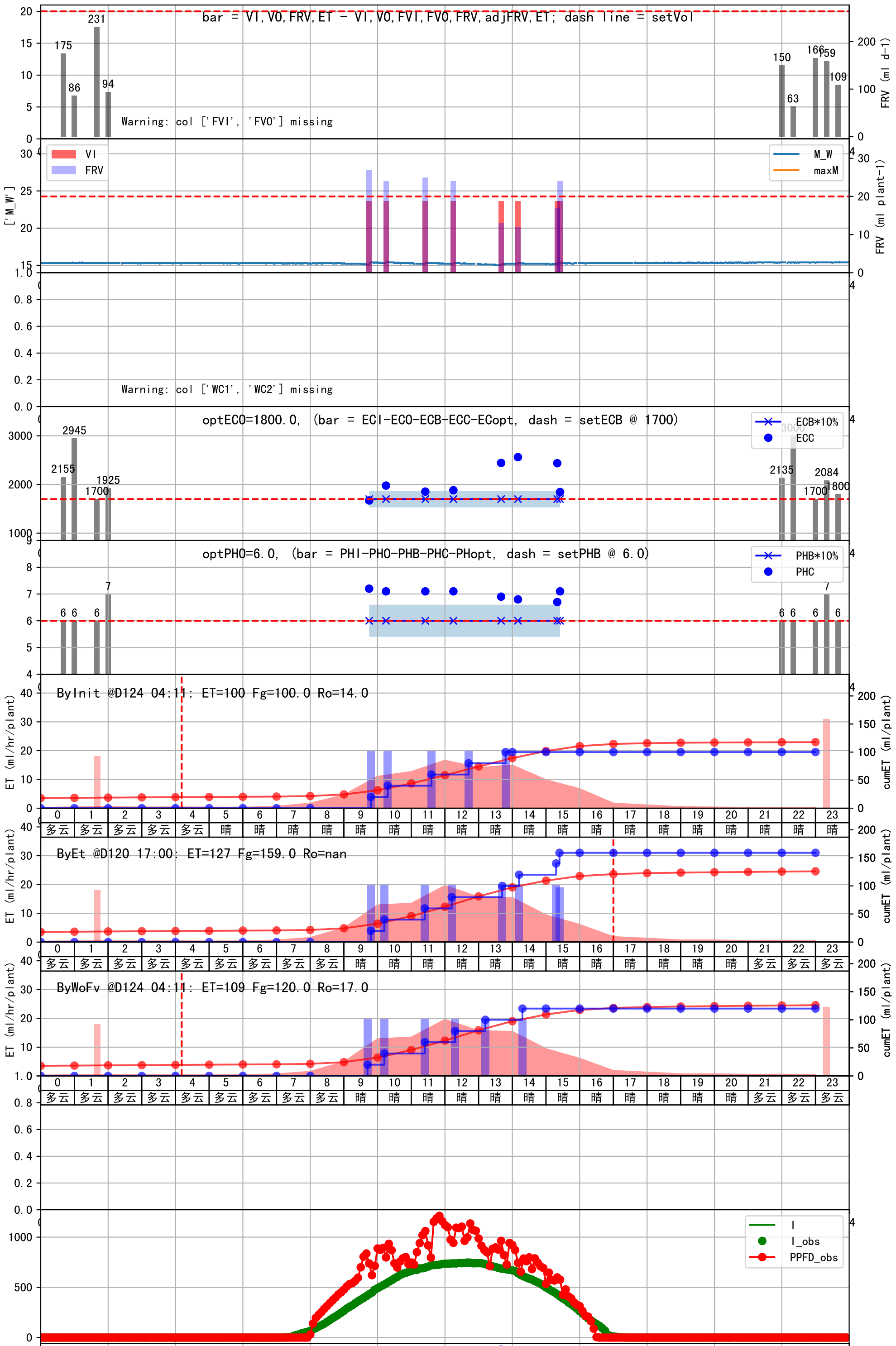

m=880, FV0=0, deltaM=-0.1
M_W
15.30
15.25
15.20
15.15
15.10
860
880
900
920
940
minute

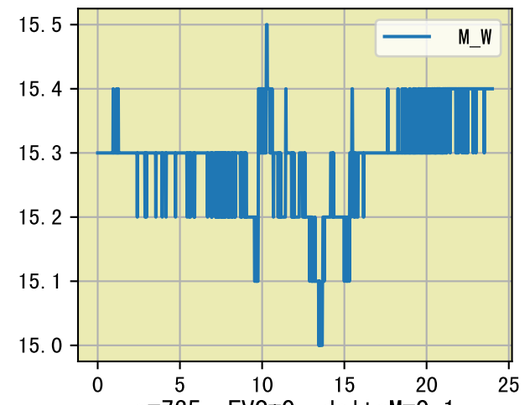

hour
9:40
10:15
11:25
12:20
13:15
14:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

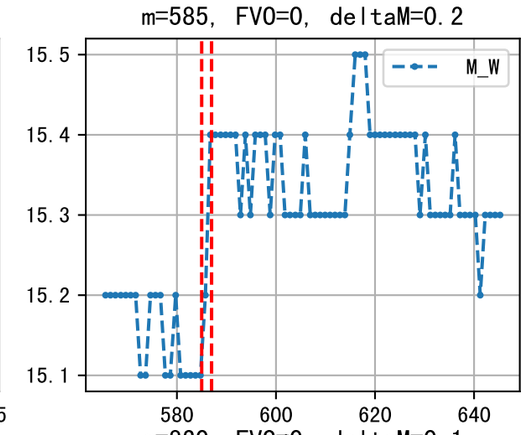
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:40	132	20.0	0.441	晴	假设@09:40 自动（未用传感器）
10:15	132	20.0	0.441	晴	假设@10:15 自动（未用传感器）
11:25	132	20.0	0.441	晴	假设@11:25 自动（未用传感器）
12:20	132	20.0	0.441	晴	假设@12:20 自动（未用传感器）
13:15	132	20.0	0.441	晴	假设@13:15 自动（未用传感器）
14:20	132	20.0	0.441	晴	假设@14:20 自动（未用传感器）
总计	792.0 (6次)	120.0			建议进液EC：1700， PH：6.0

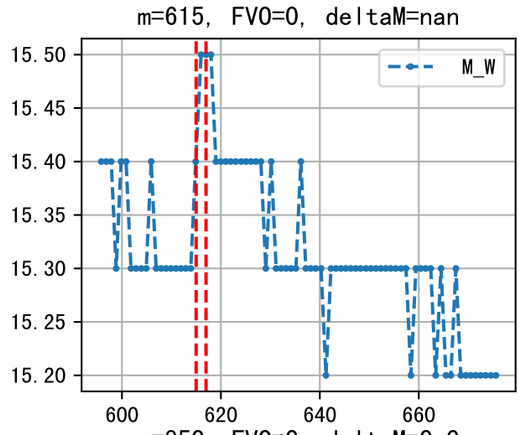
滴头平均流速偏小（0.19），请检查
施肥机灌溉量与预期值不符 (24.0 : 19.0)，可能由于一阀多区不均匀
默认实际灌溉19.0 ml.

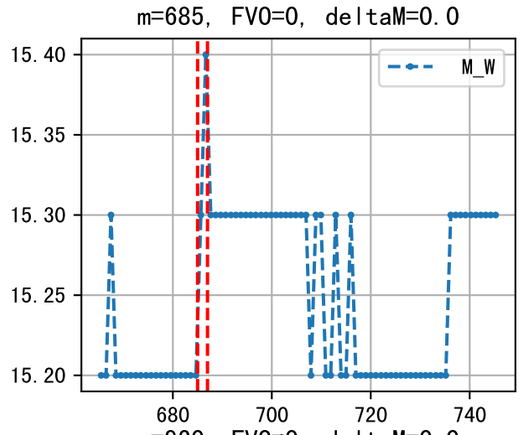
P2A2_0, Day=120 (2026-01-22)

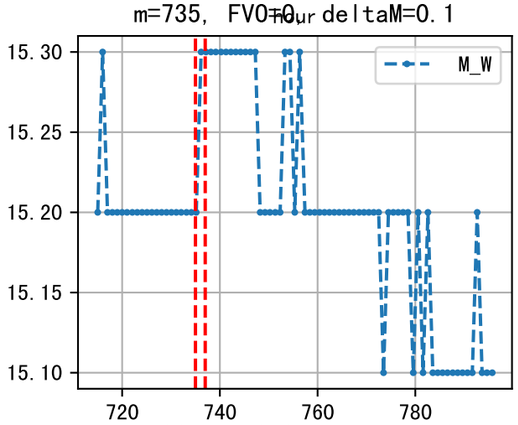


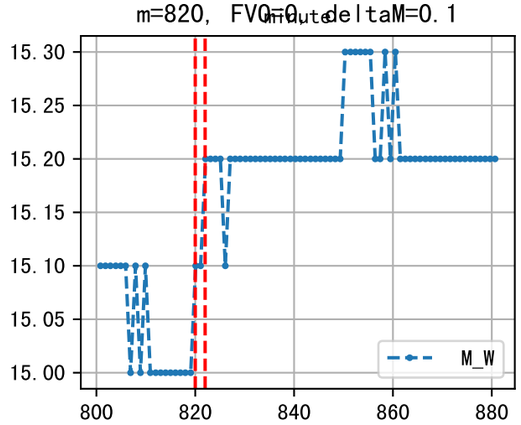

M_W

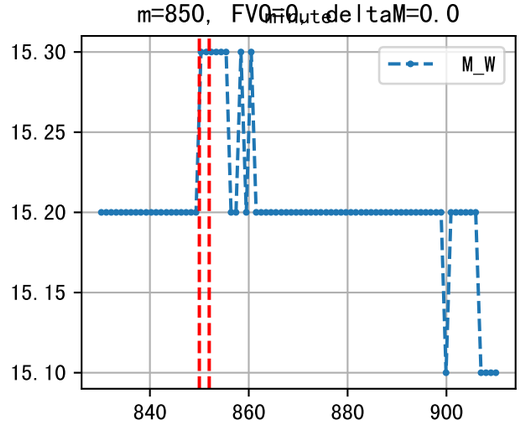

m=585, FV0=0, deltaM=0.2
M_W

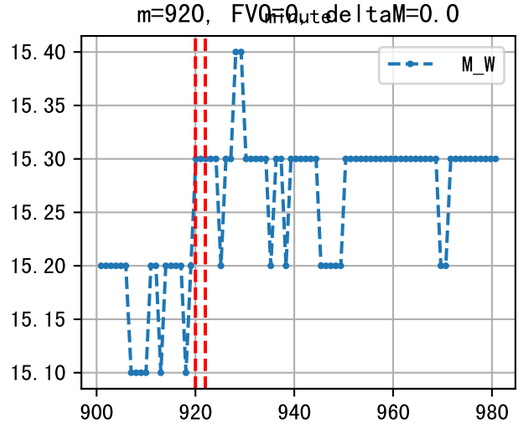

m=615, FV0=0, deltaM=nan
M_W

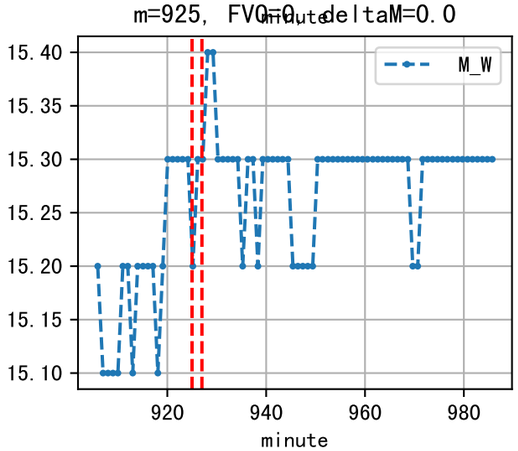

m=685, FV0=0, deltaM=0.0
M_W


m=735, FV0=0, deltaM=0.1
M_W
hour


m=820, FV0=0, deltaM=0.1
M_W
minute


m=850, FV0=0, deltaM=0.0
M_W
minute


m=920, FV0=0, deltaM=0.0
M_W
minute


m=925, FV0=0, deltaM=0.0
M_W
minute