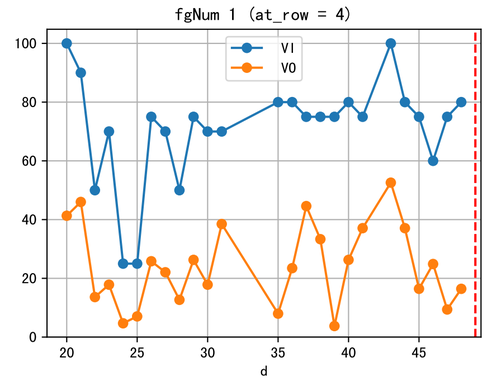
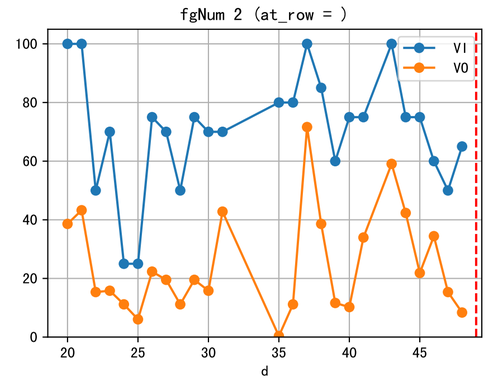
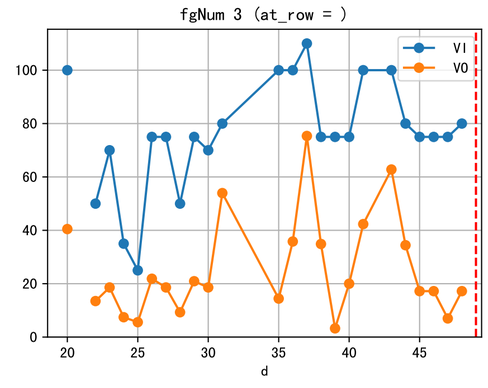
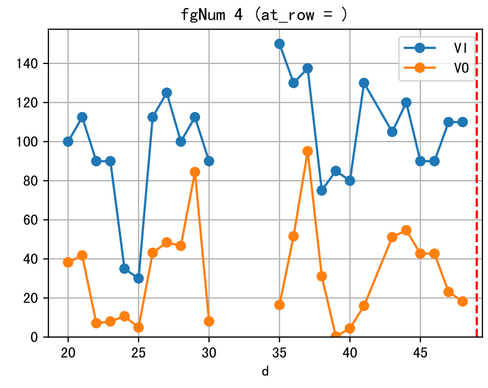
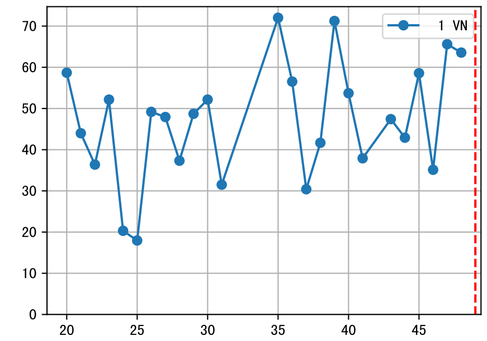
FgArea: ['1']
NJ15 L1
2025-11-24 (Day 49)

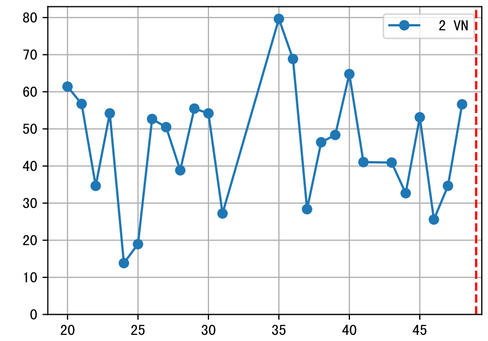

fgNum 1 (at_row = 4)
VI
VO
d

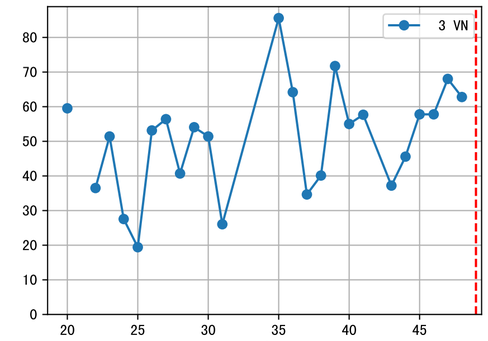

fgNum 2 (at_row =)
VI
VO
d

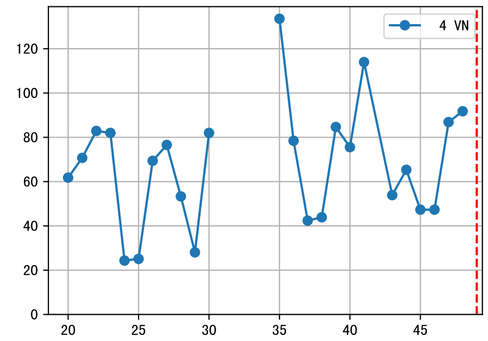

fgNum 3 (at_row =)
VI
VO
d

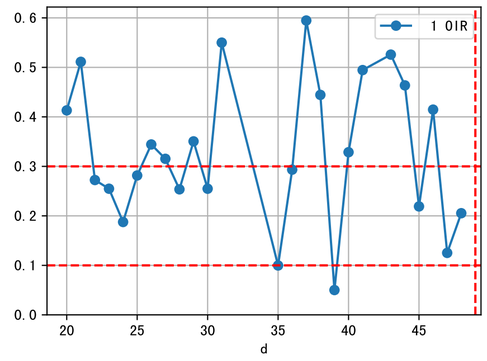

fgNum 4 (at_row =)
VI
VO
d

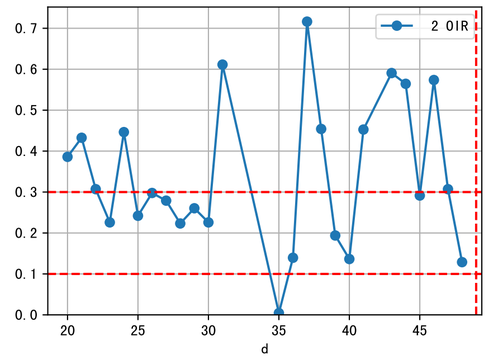

1 VN
d

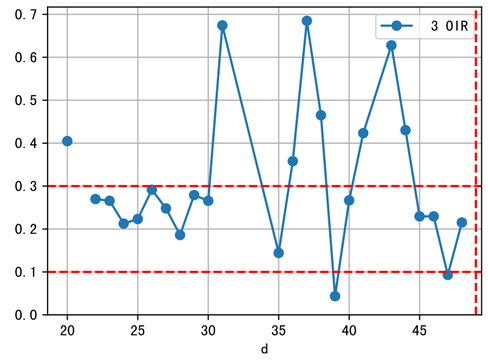

2 VN
d

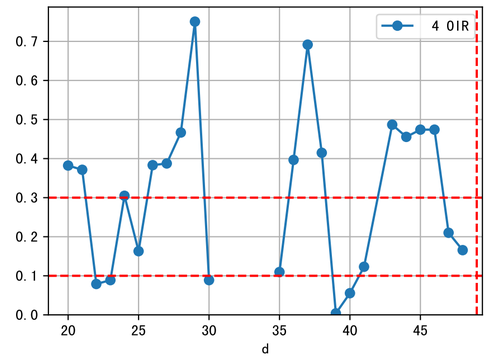

3 VN
d

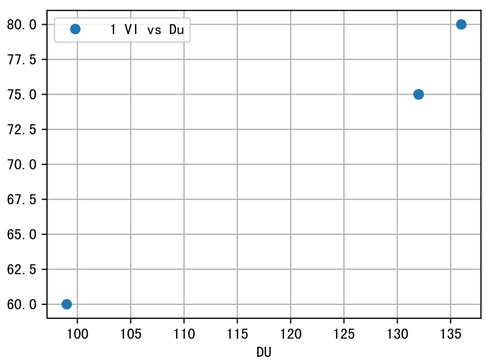

4 VN
d

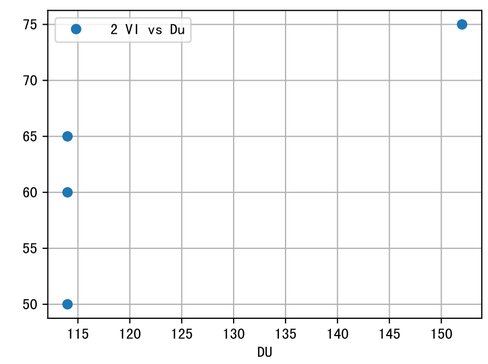

1 OIR
d

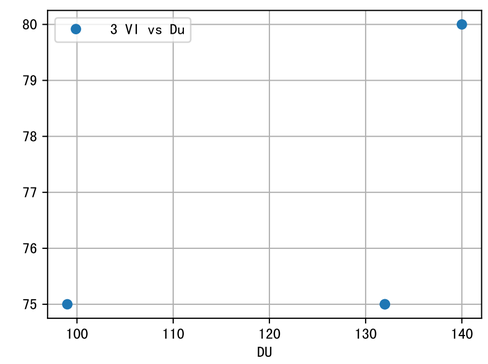

2 OIR
d

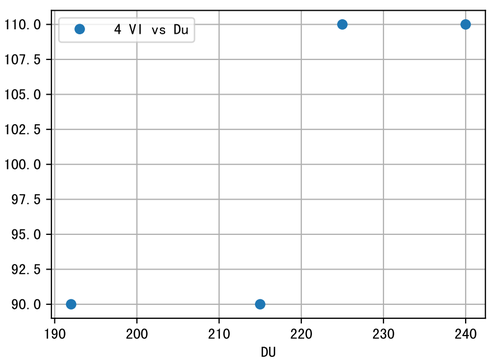

3 OIR
d

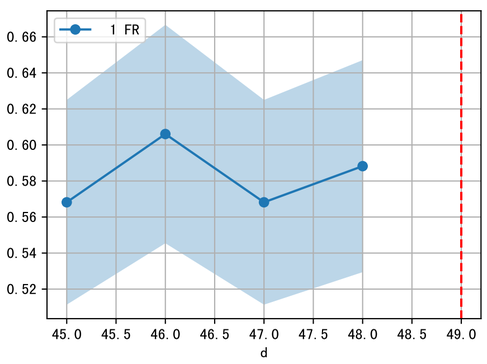

4 OIR
d

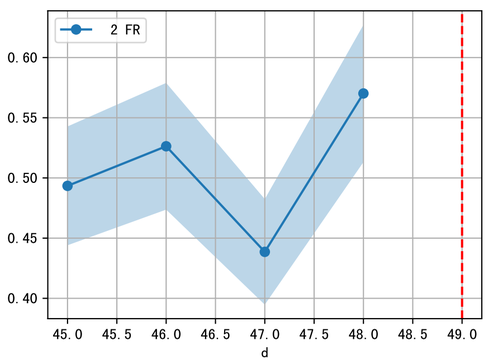

1 VI vs Du
DU

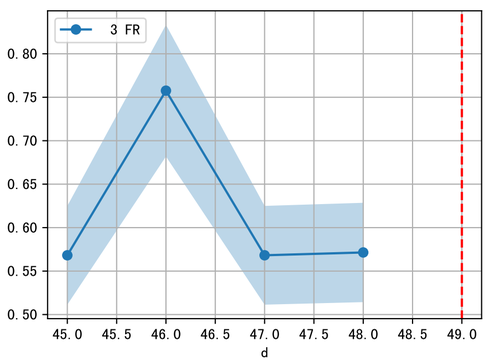

2 VI vs Du
DU

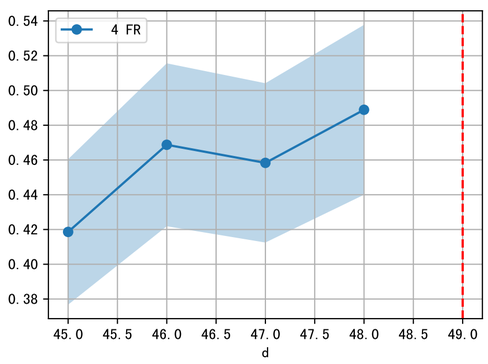

3 VI vs Du
DU

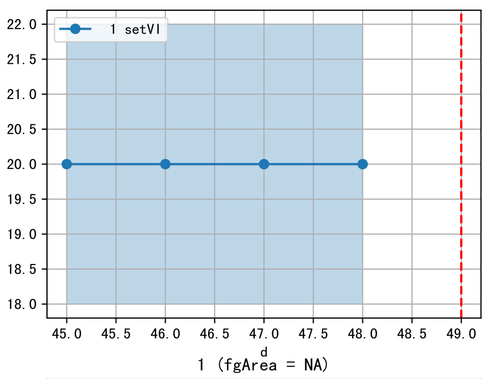

4 VI vs Du
DU

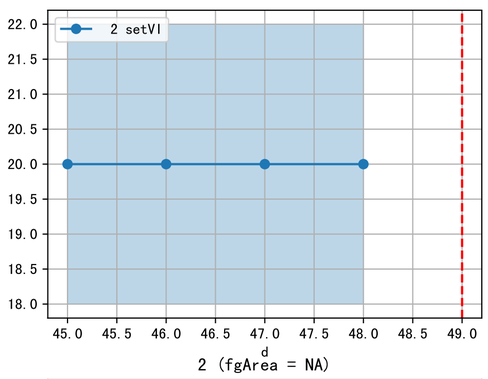

1 FR
d

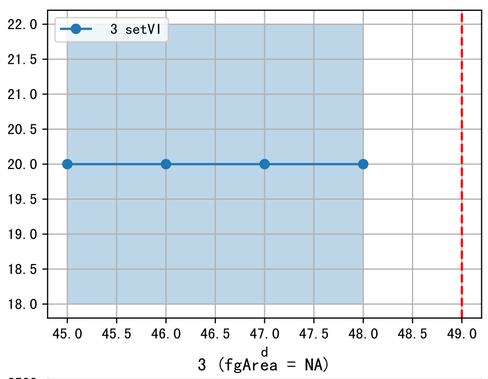

2 FR
d

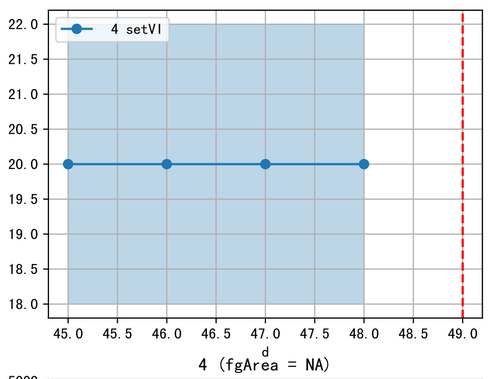

3 FR
d

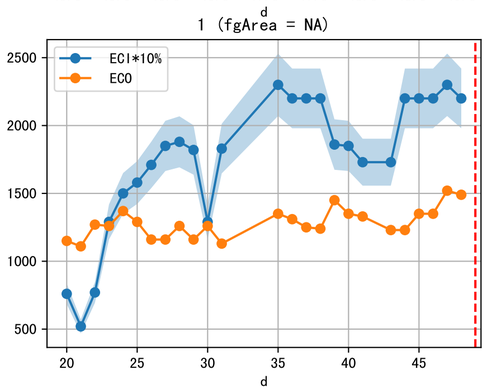

4 FR
d

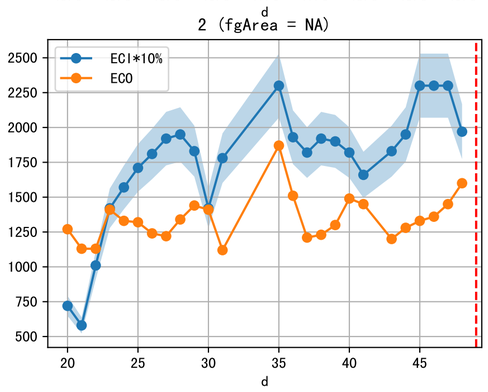

1 setVI
d

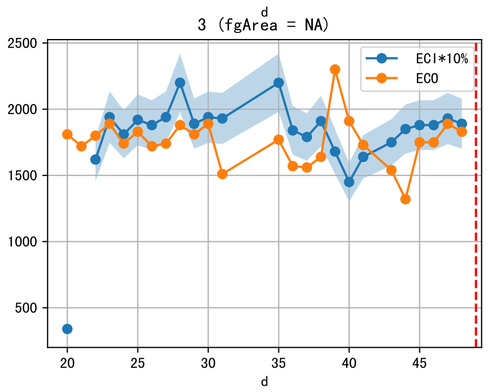

2 setVI
d

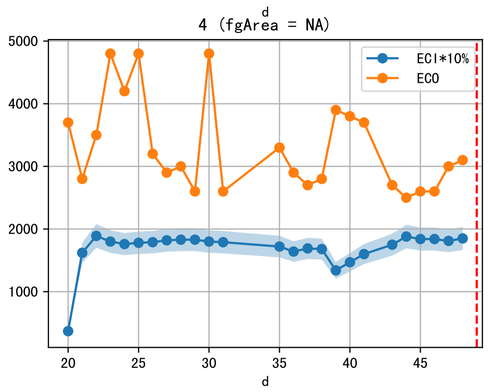

3 setVI
d

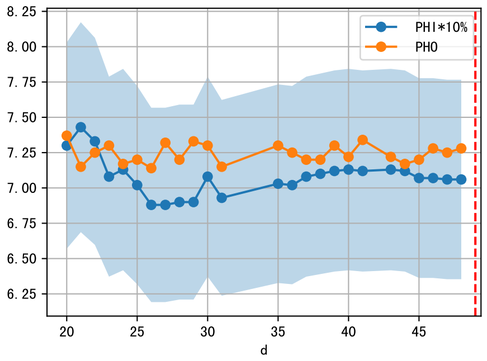

4 setVI
d

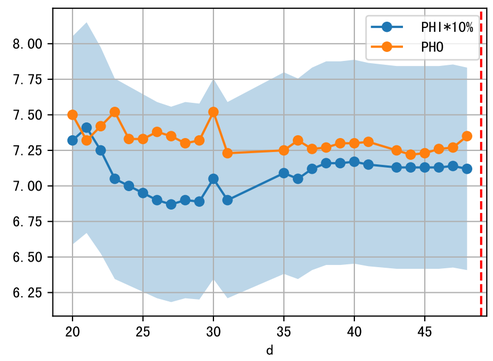

1 (fgArea = NA)
ECI*10%
ECO
d

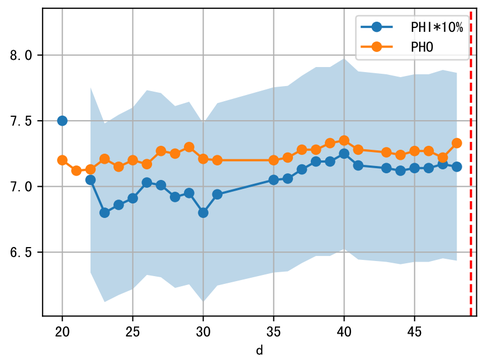

2 (fgArea = NA)
ECI*10%
ECO
d

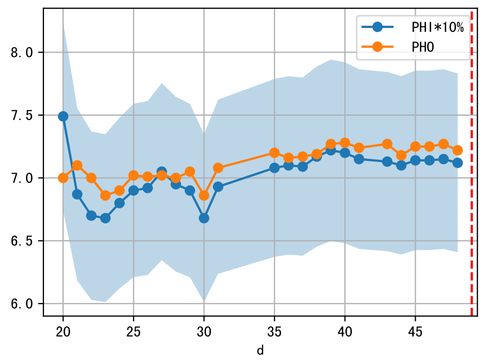

3 (fgArea = NA)
ECI*10%
ECO
d

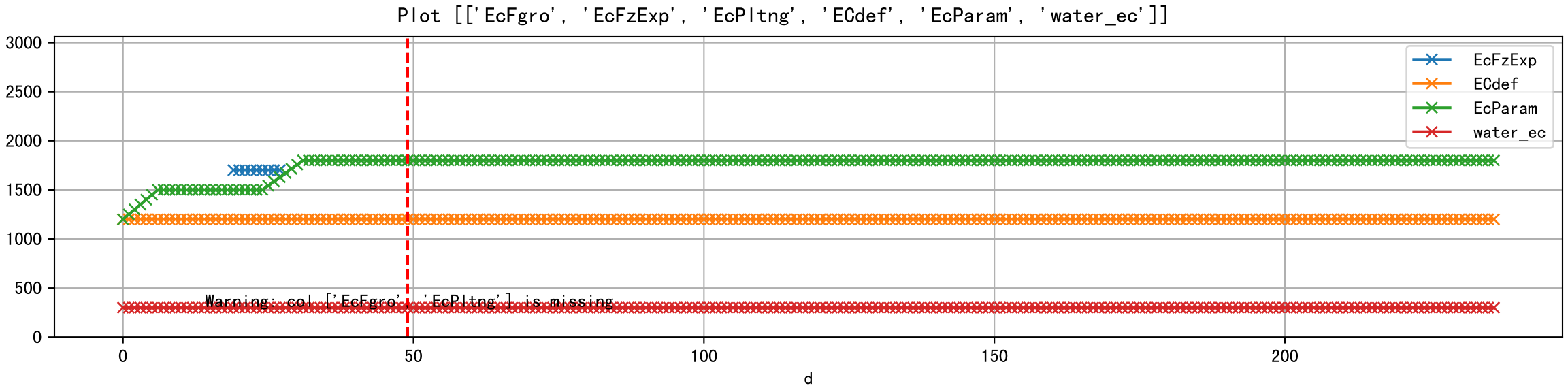

4 (fgArea = NA)
ECI*10%
ECO
d

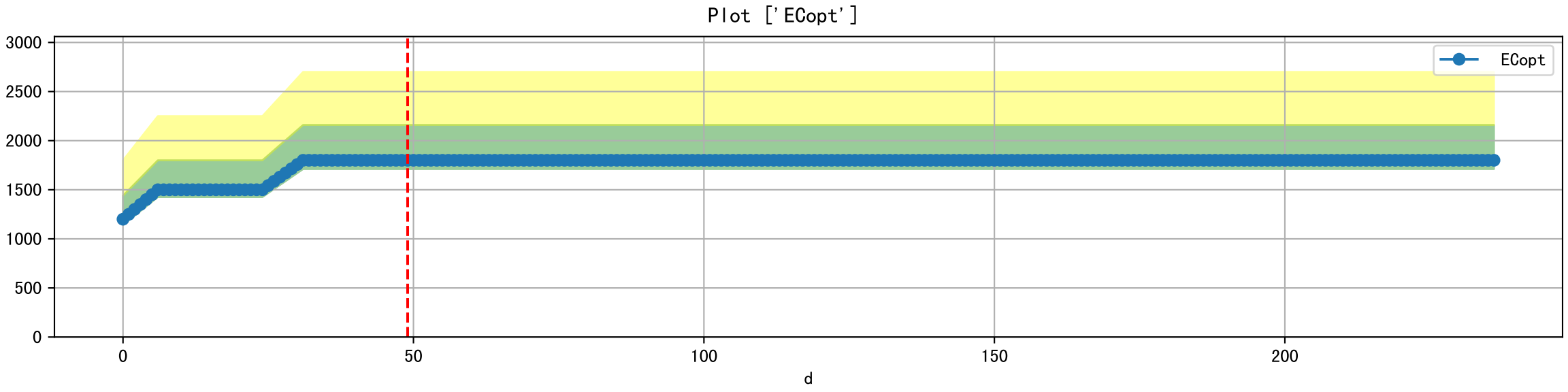

PHI*10%
PHO
d

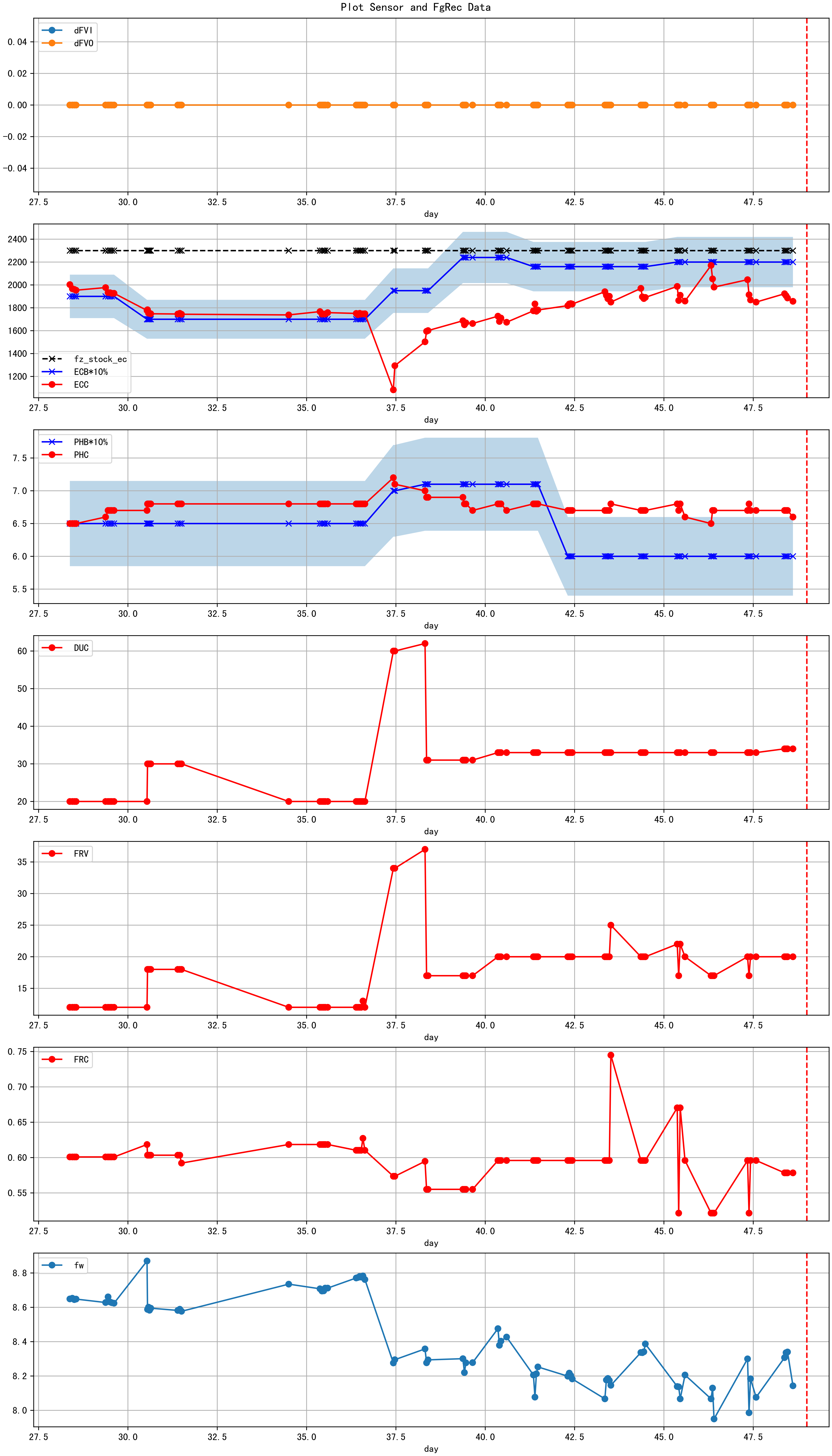

PHI*10%
PHO
d


PHI*10%
PHO
d

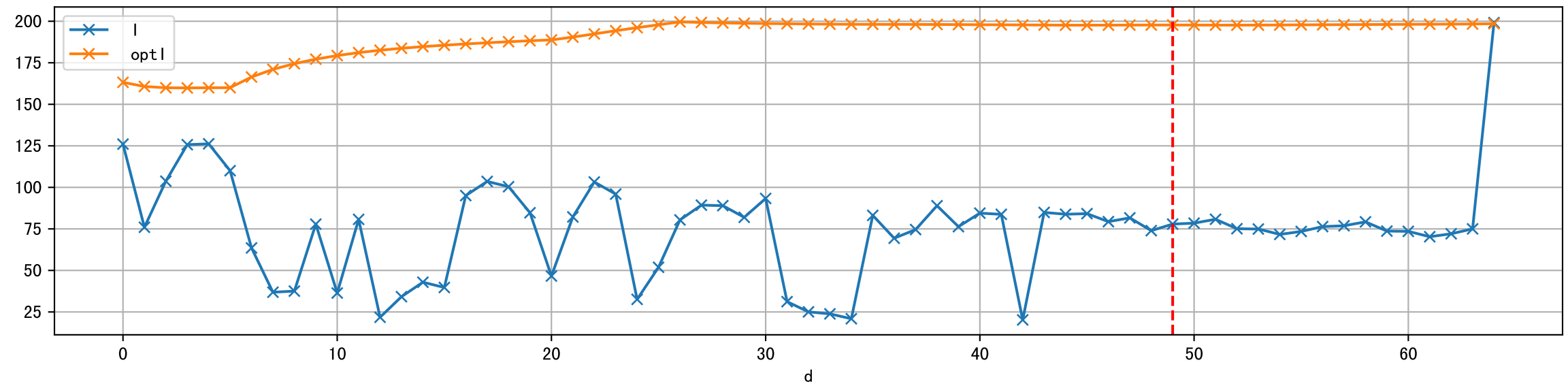

PHI*10%
PHO
d

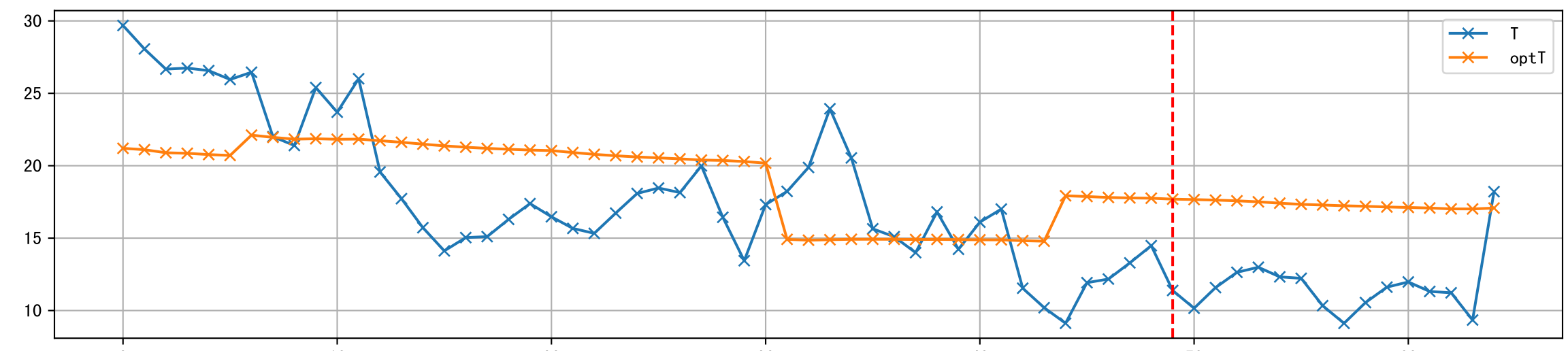

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
Warning: col ['EcFgro', 'EcPltng'] is missing
EcFzExp
ECdef
EcParam
water_ec
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

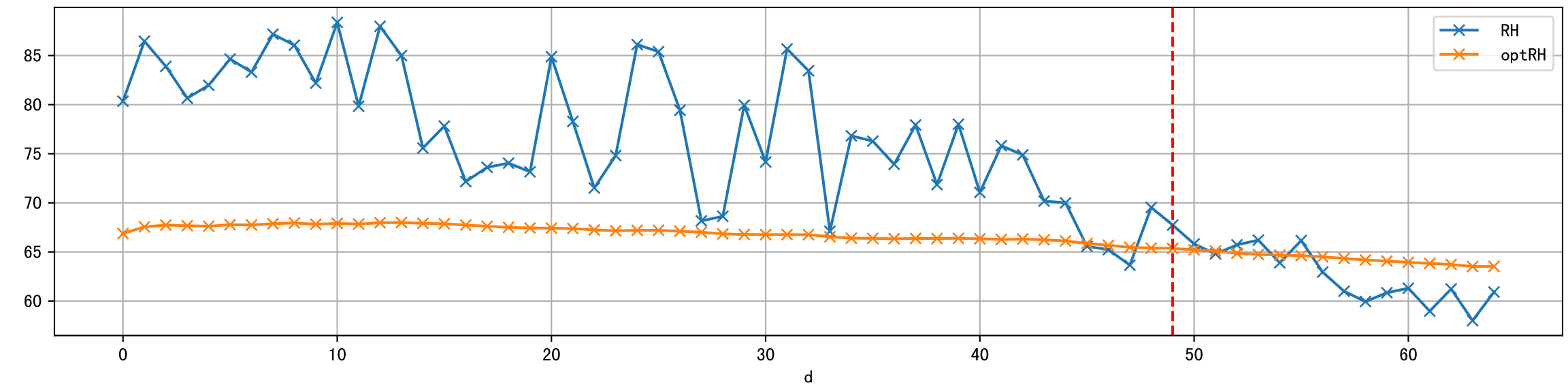

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

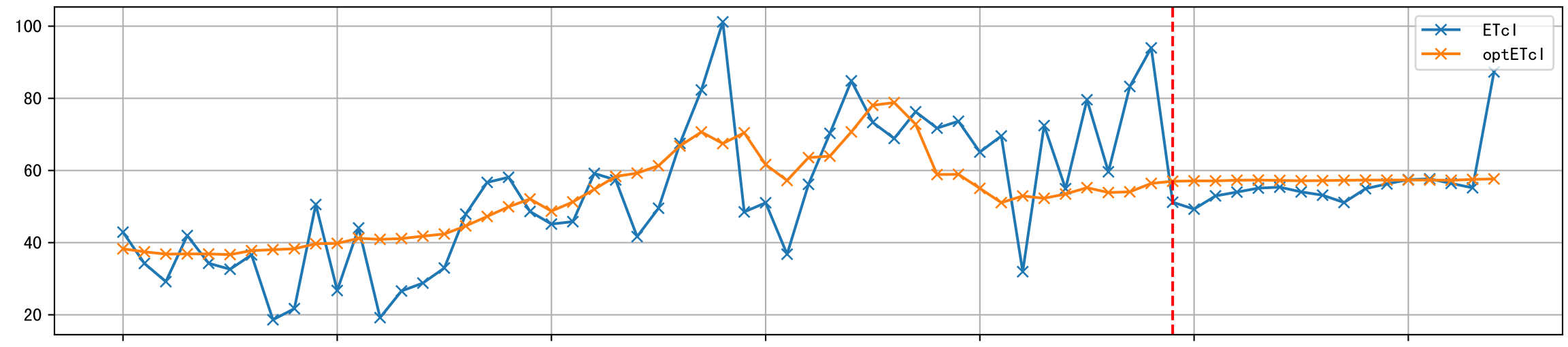

Plot Sensor and FgRec Data
dFVI
dFVO
fz_stock_ec
ECB*10%
ECC
PHB*10%
PHC
DUC
FRV
FRC
fw
day

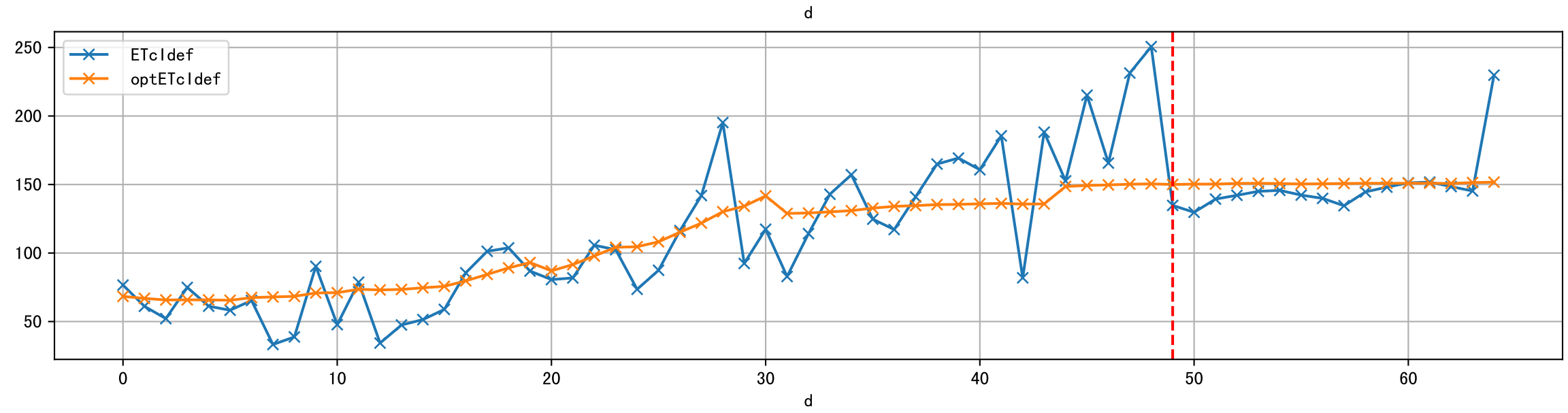
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['EToI', 'optEToI'], 'LAI', ['optEtRate', 'optEtRateDef', '

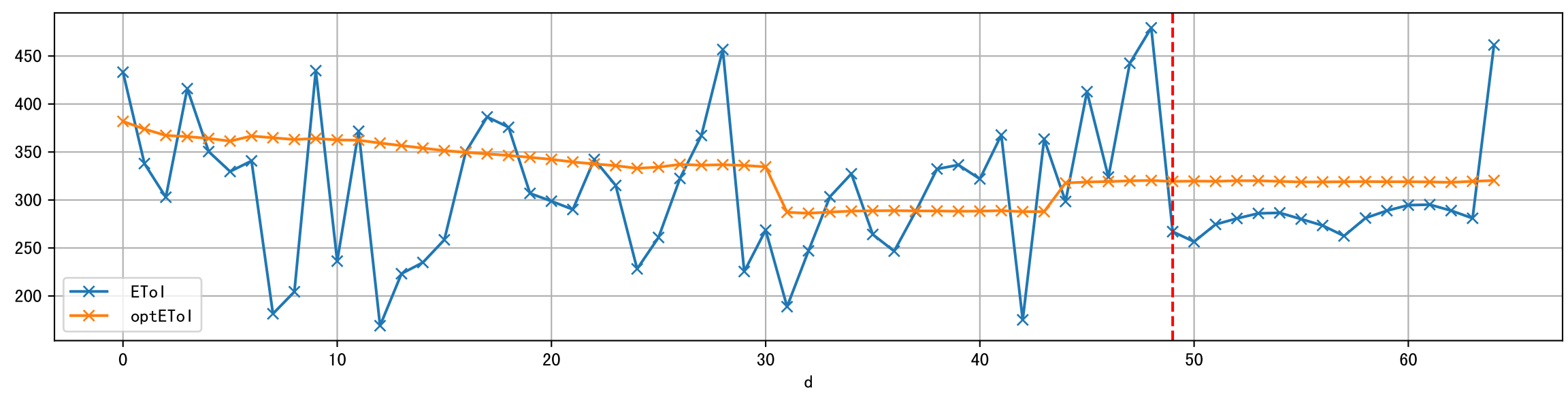


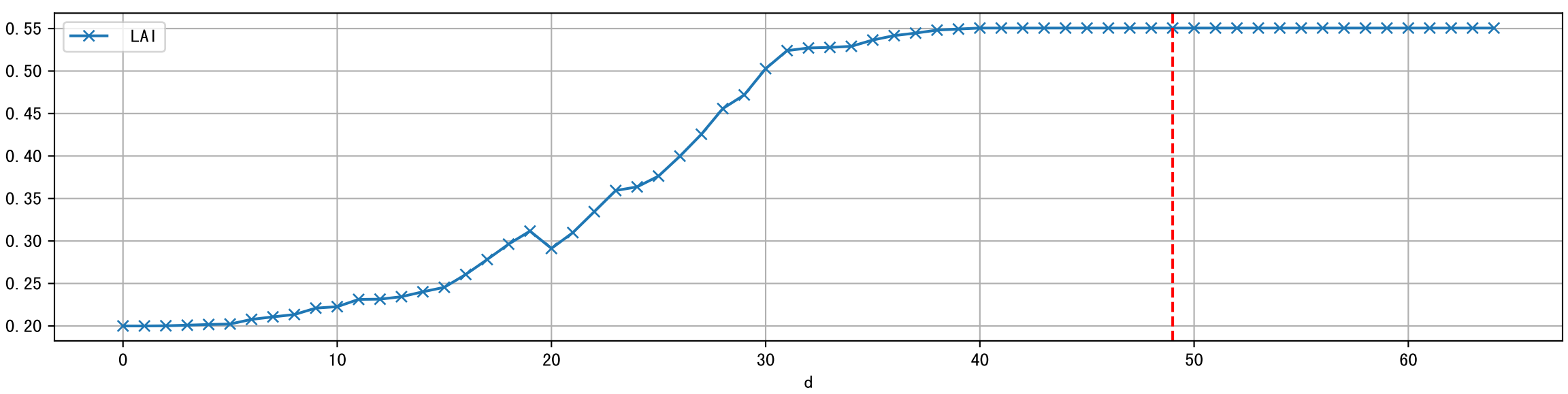


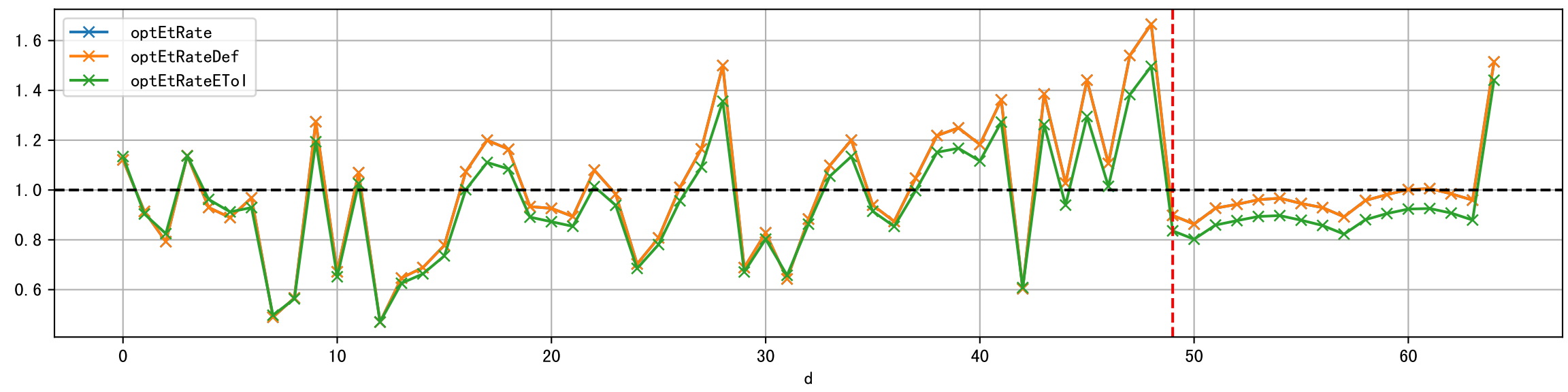


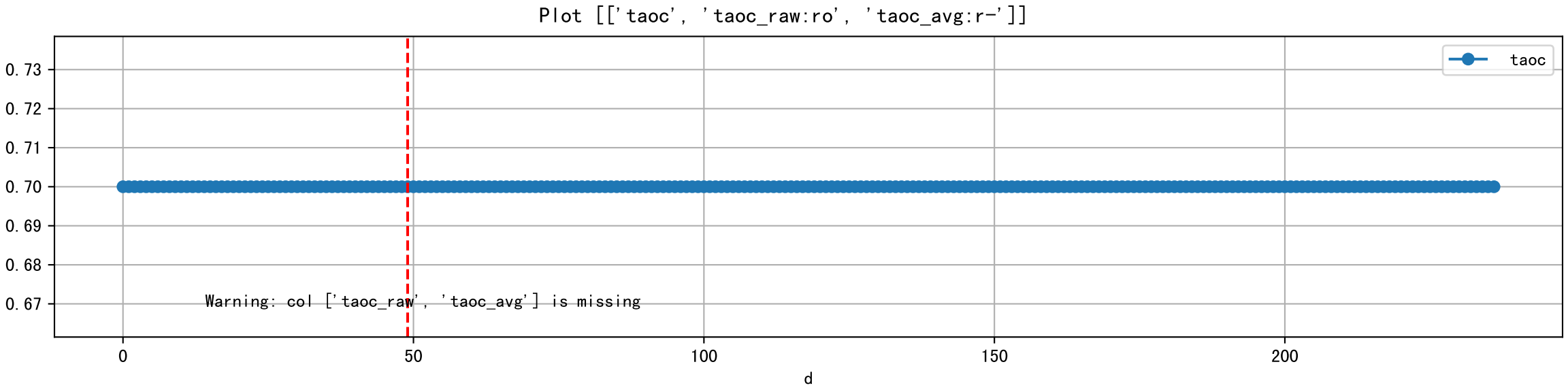


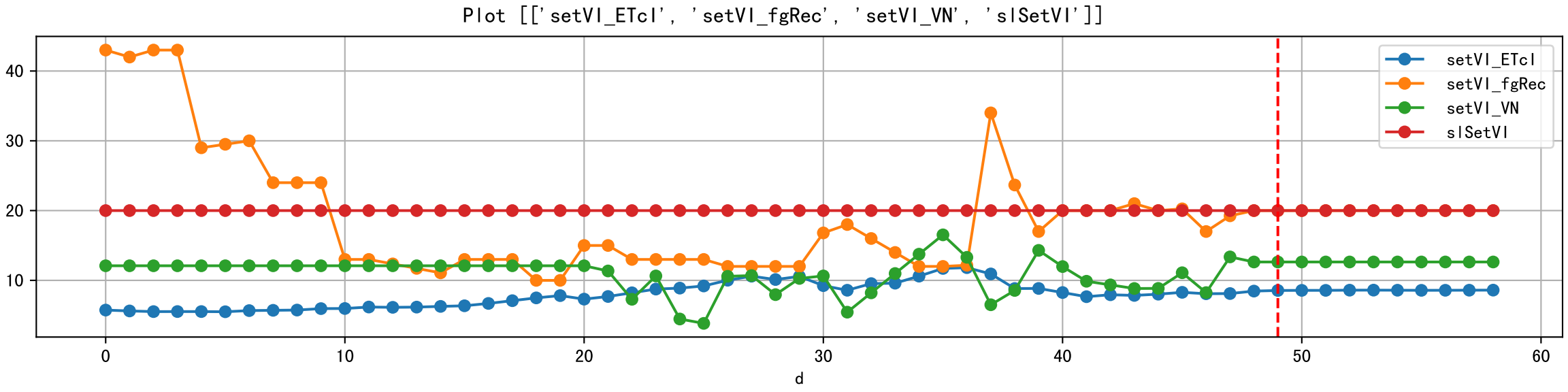


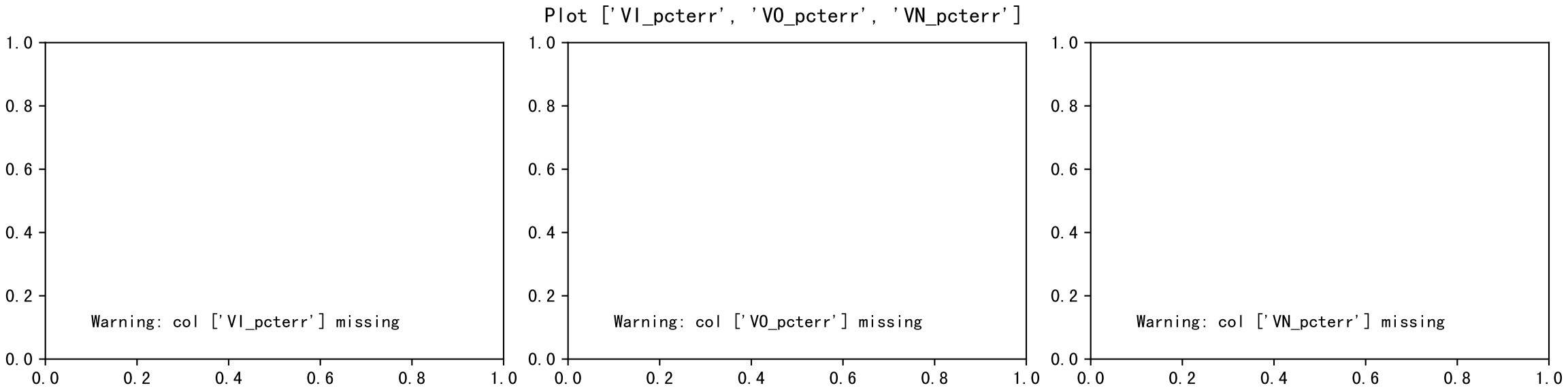


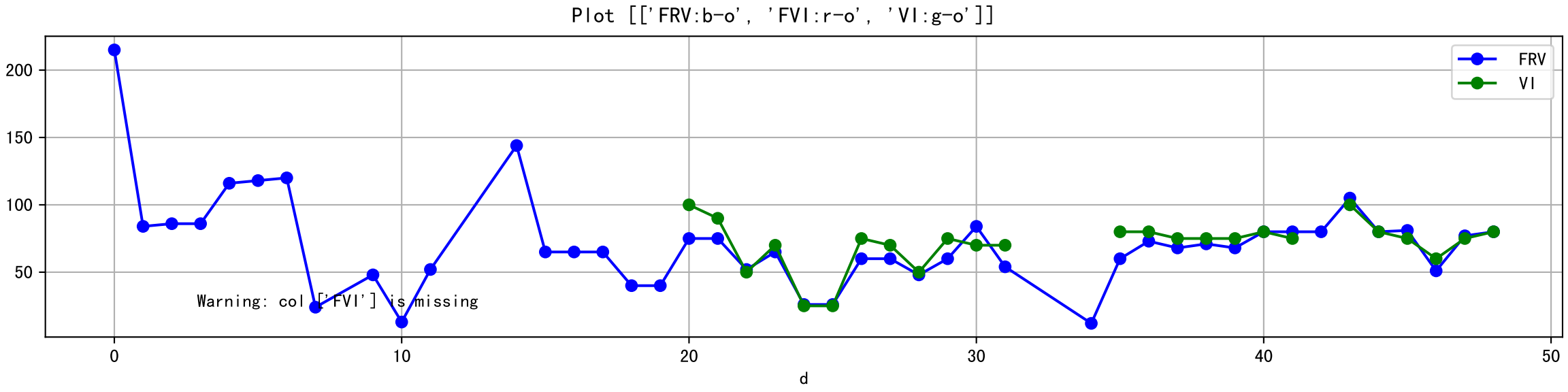


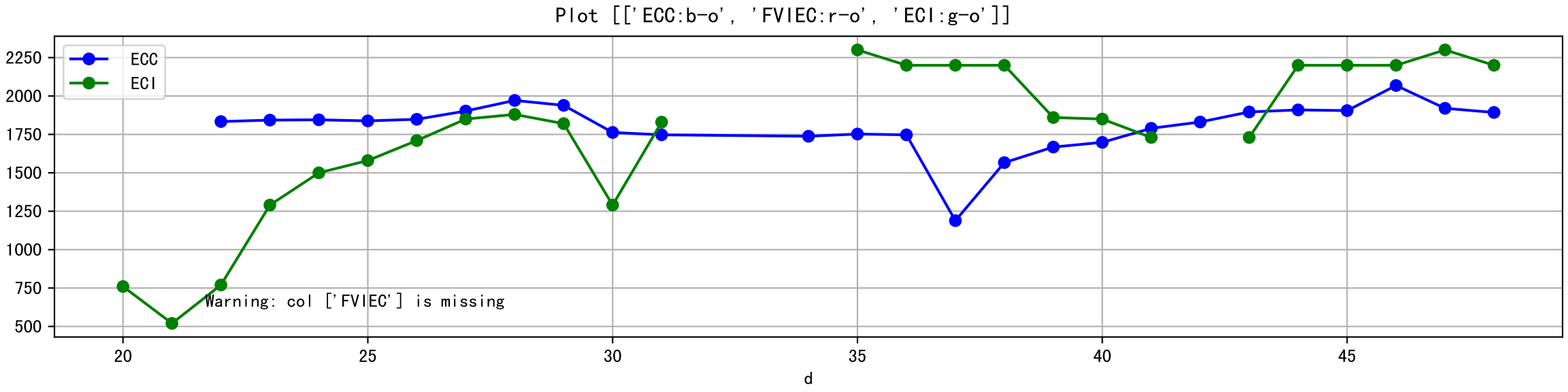


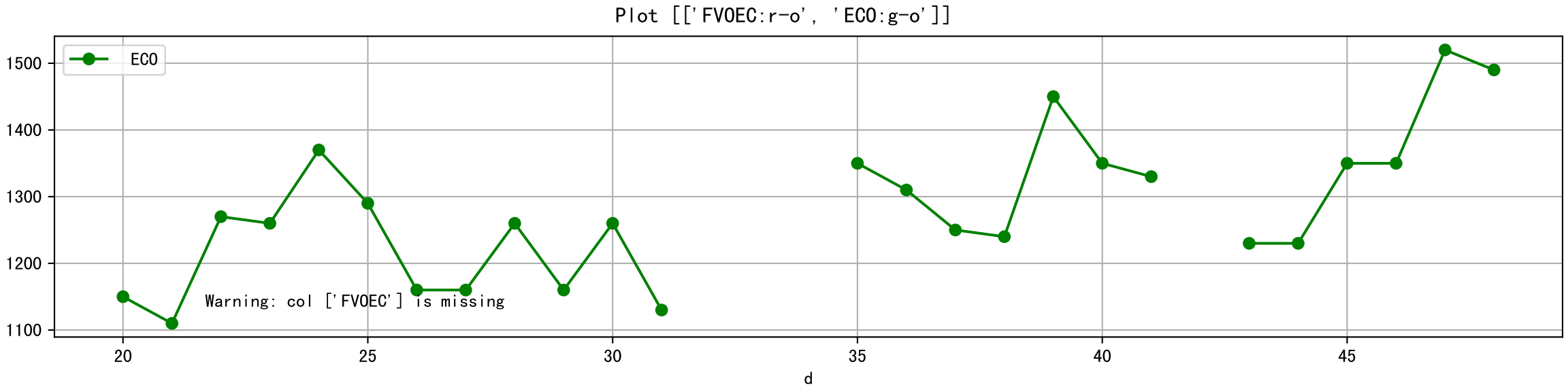

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

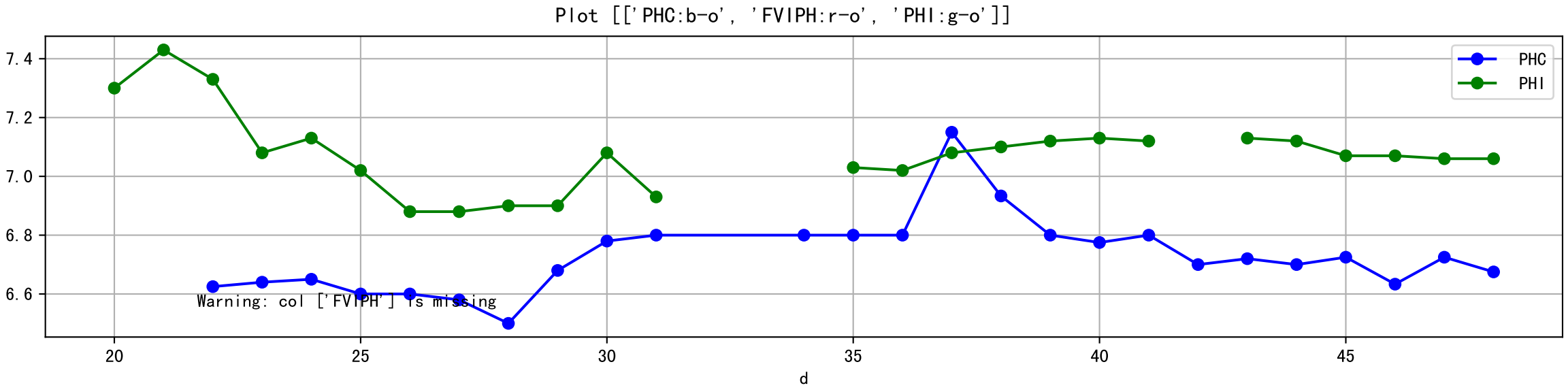

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
40
30
20
10
0
10
20
30
40
50
60
d

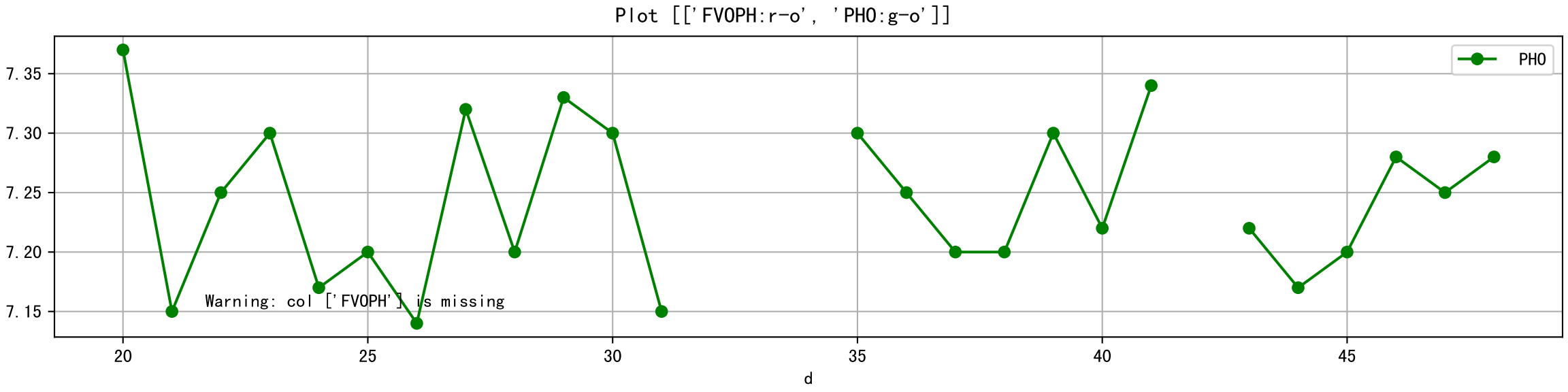

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

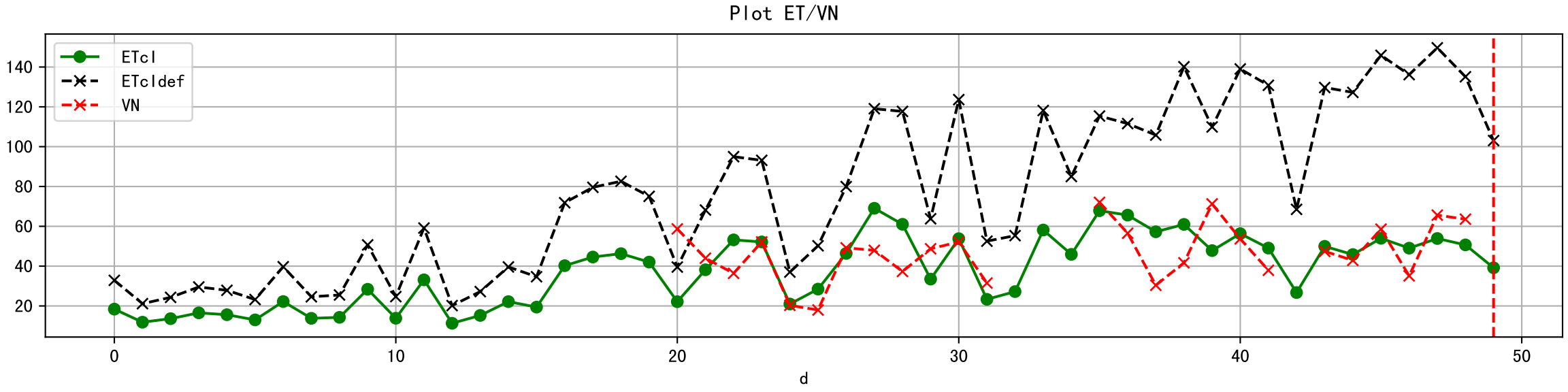

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
200
150
100
50
0
10
20
30
40
50
d


Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2250
2000
1750
1500
1250
1000
750
500
20
25
30
35
40
45
d

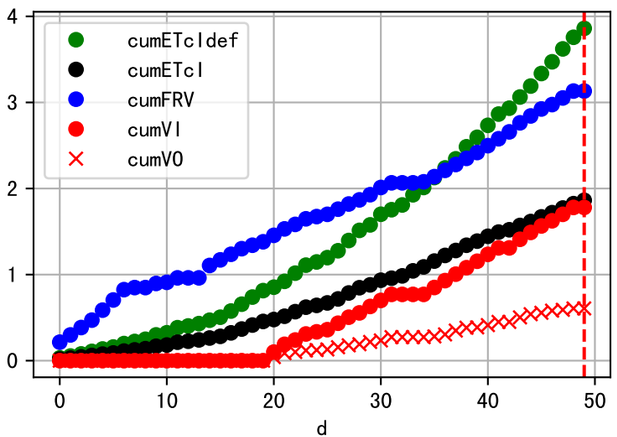

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
1500
1400
1300
1200
1100
20
25
30
35
40
45
d

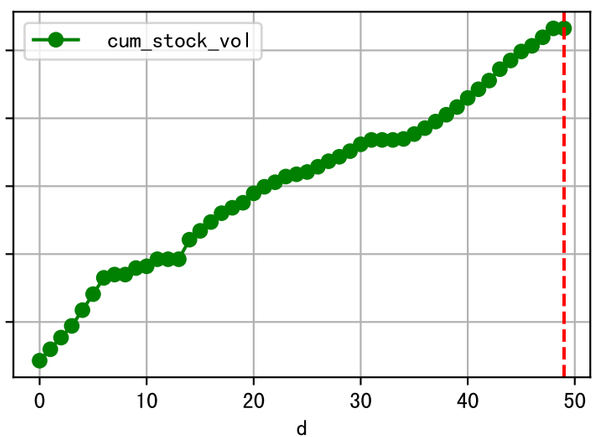

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
20
25
30
35
40
45
d

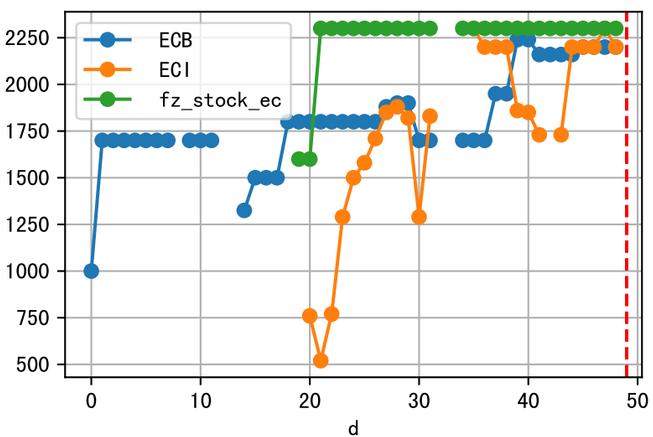

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.35
7.30
7.25
7.20
7.15
Warning: col ['FVOPH'] is missing
20
25
30
35
40
45
d

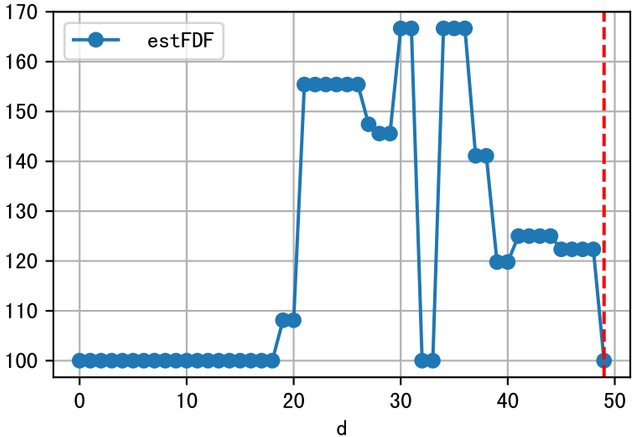

Plot ET/VN
ETcl
ETcldef
VN
140
120
100
80
60
40
20
0
10
20
30
40
50
d

Plot Fv and fertilizer usage

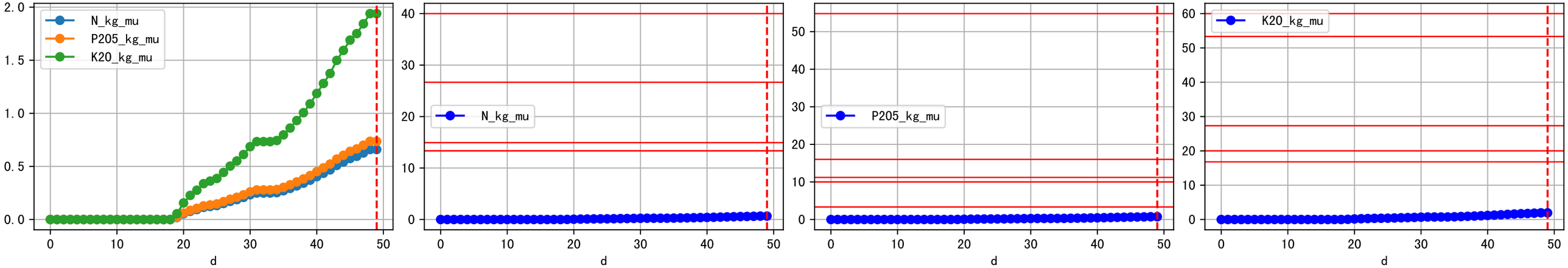


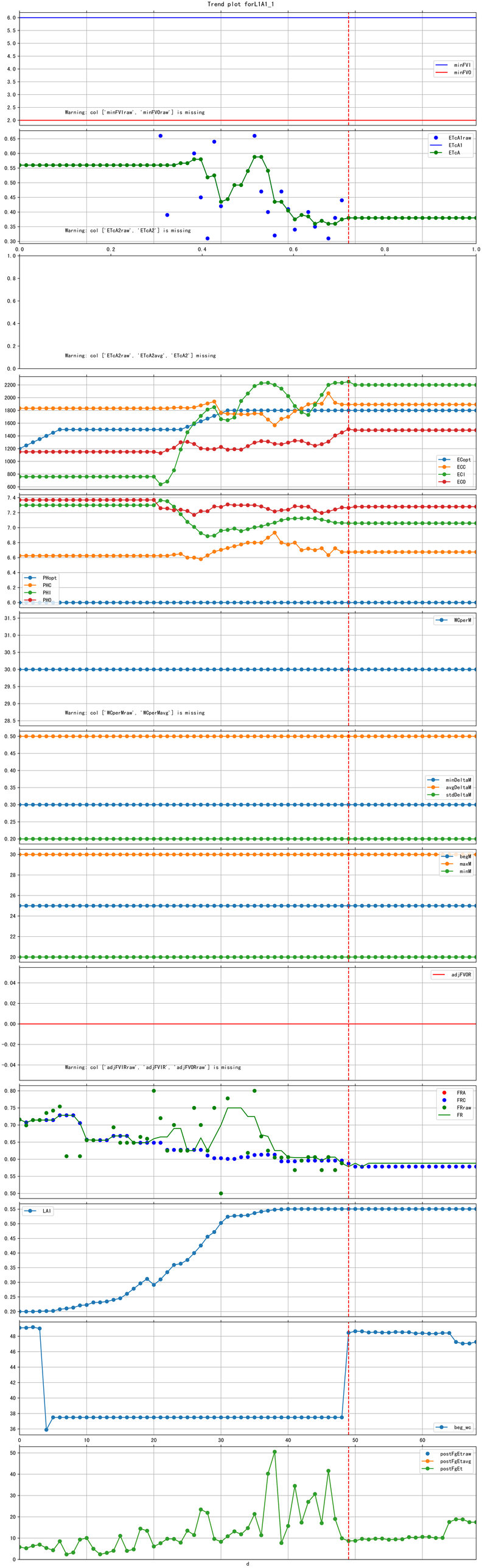


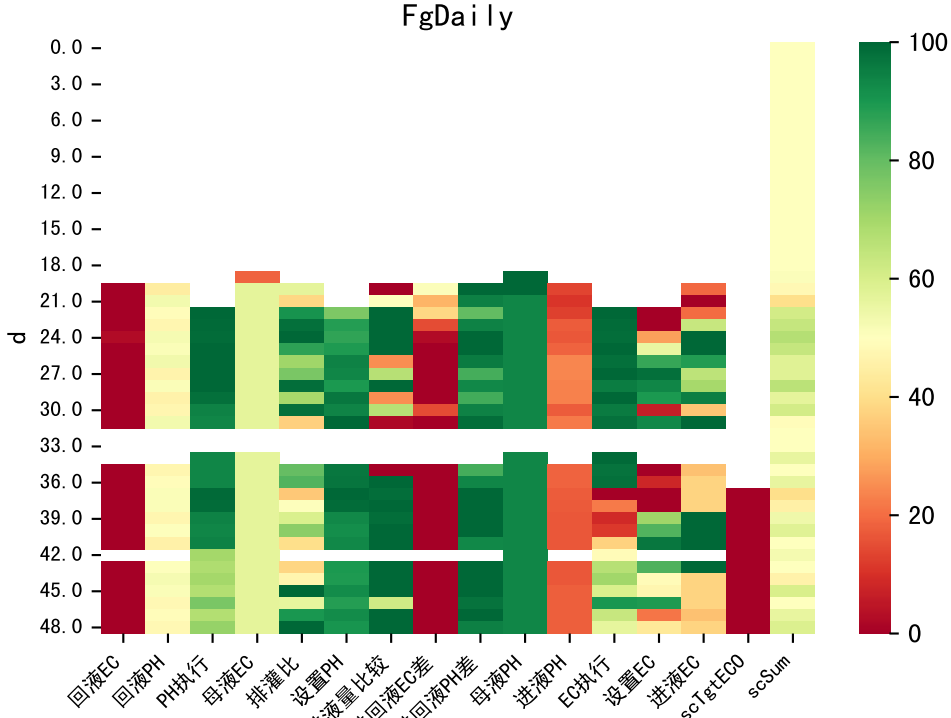




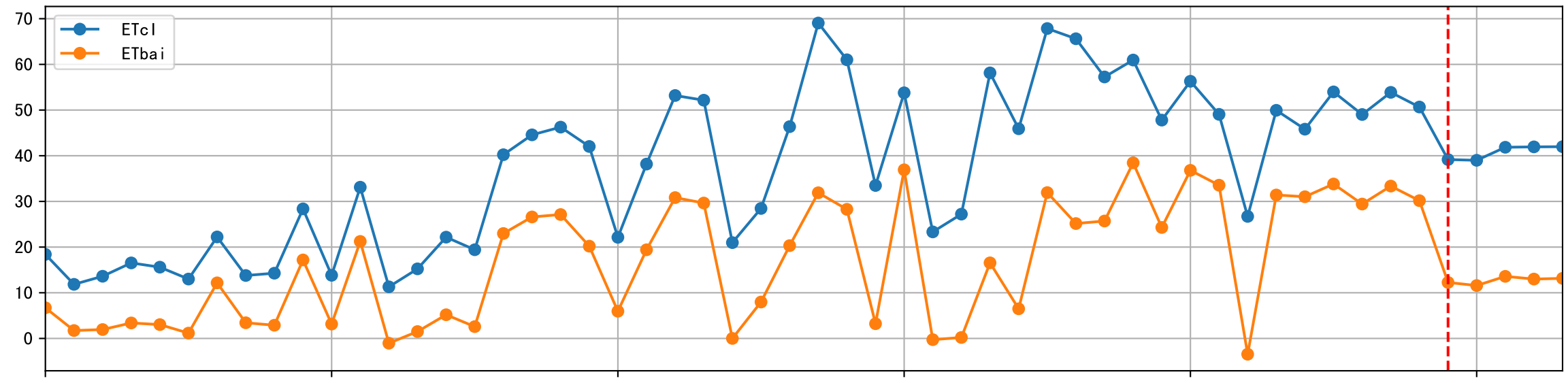
Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa

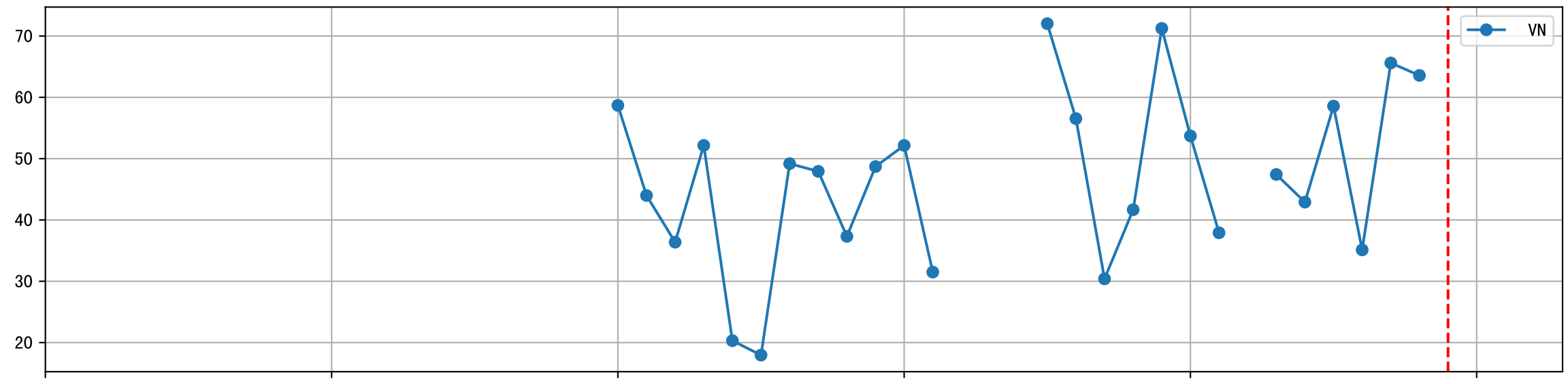


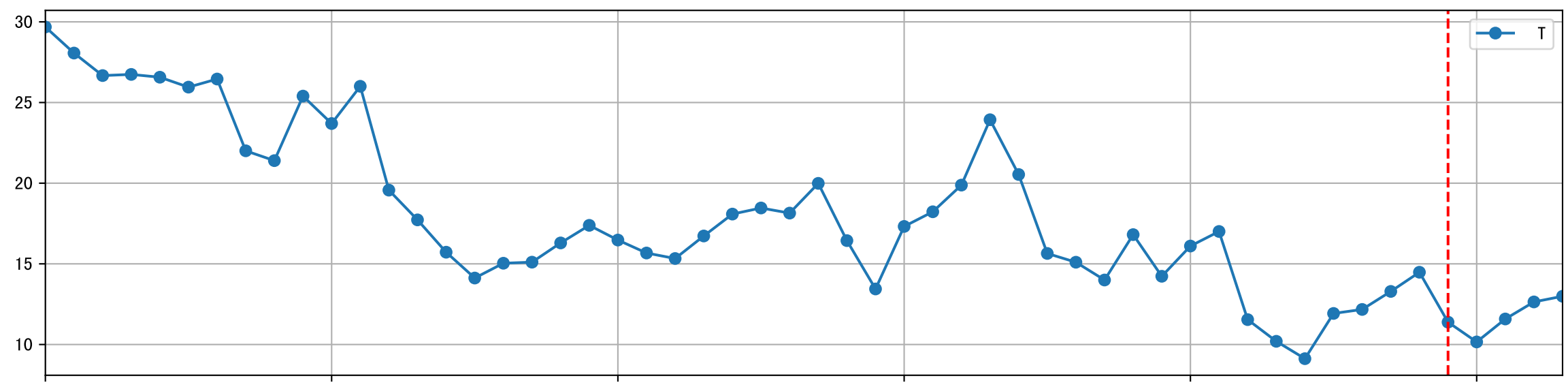

Trend plot forL1A1_1
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
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

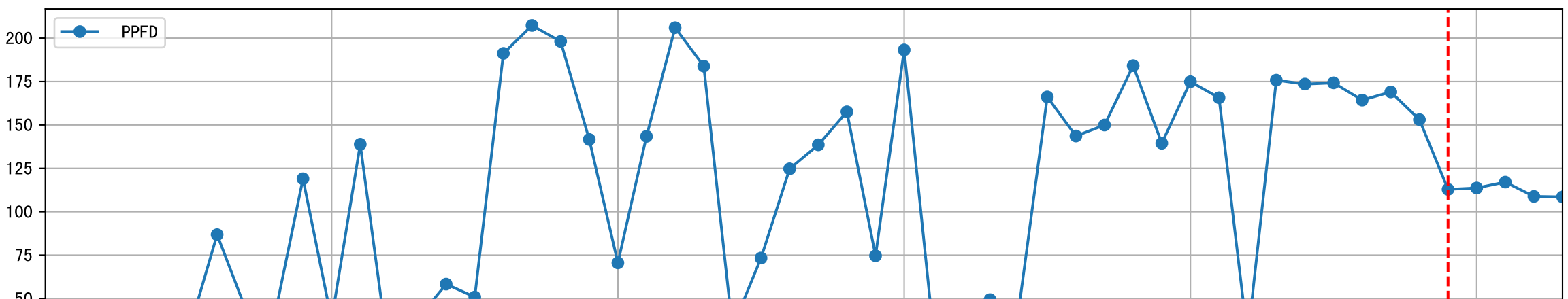

FgDaily
d
0.0
3.0
6.0
9.0
12.0
15.0
18.0
21.0
24.0
27.0
30.0
33.0
36.0
39.0
42.0
45.0
48.0
100
80
60
40
20
0
回液EC
回液PH
PH执行
母液EC
排灌比
设置PH
液量比较
回液EC差
回液PH差
母液PH
进液PH
EC执行
设置EC
进液EC
scTgtEC0
scSum

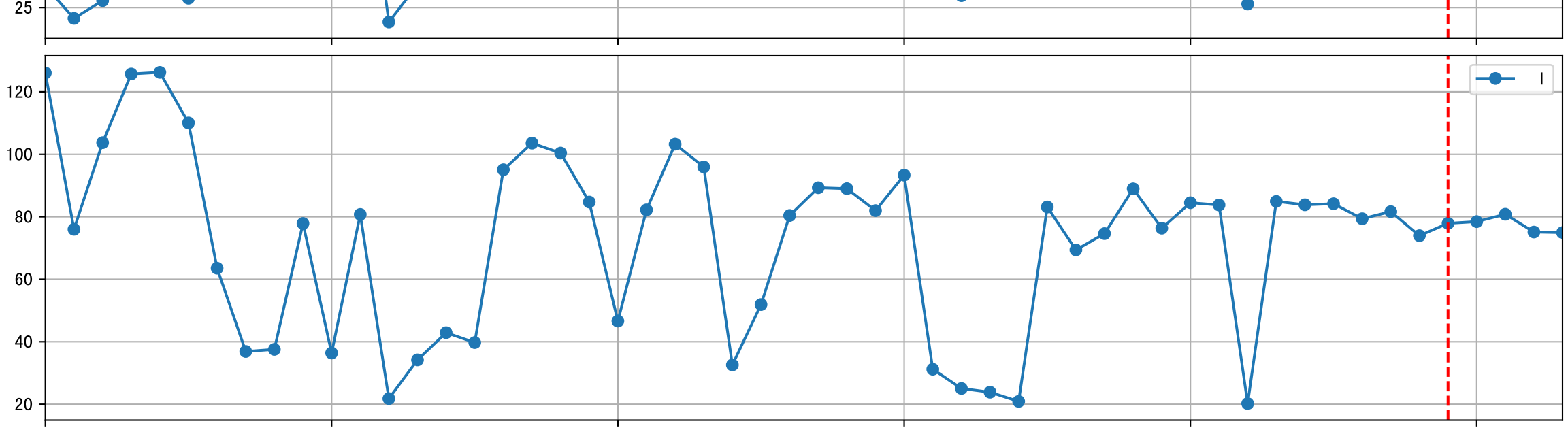
L1A1_1

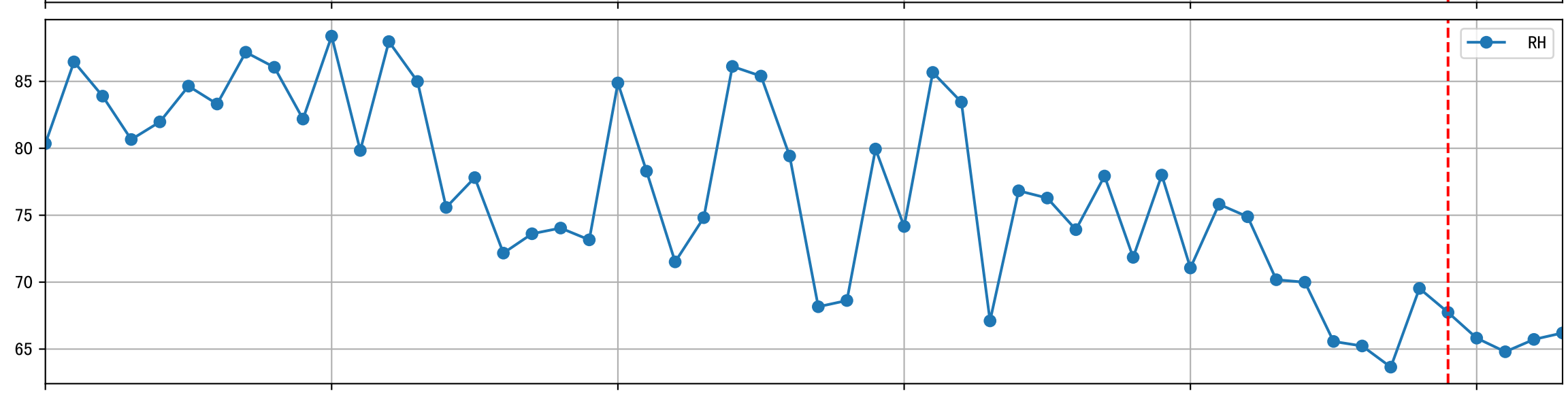


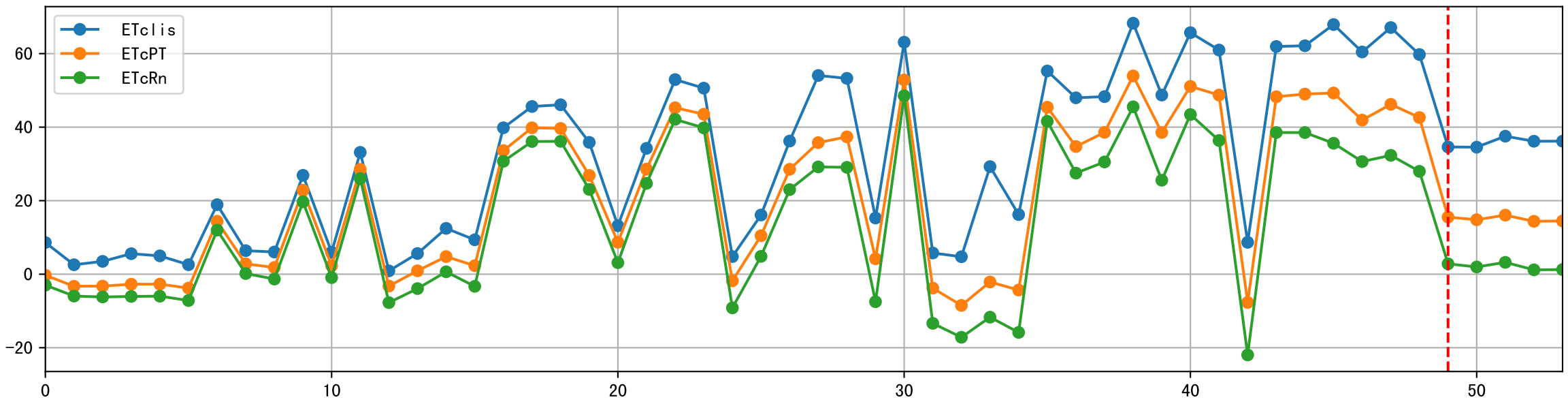




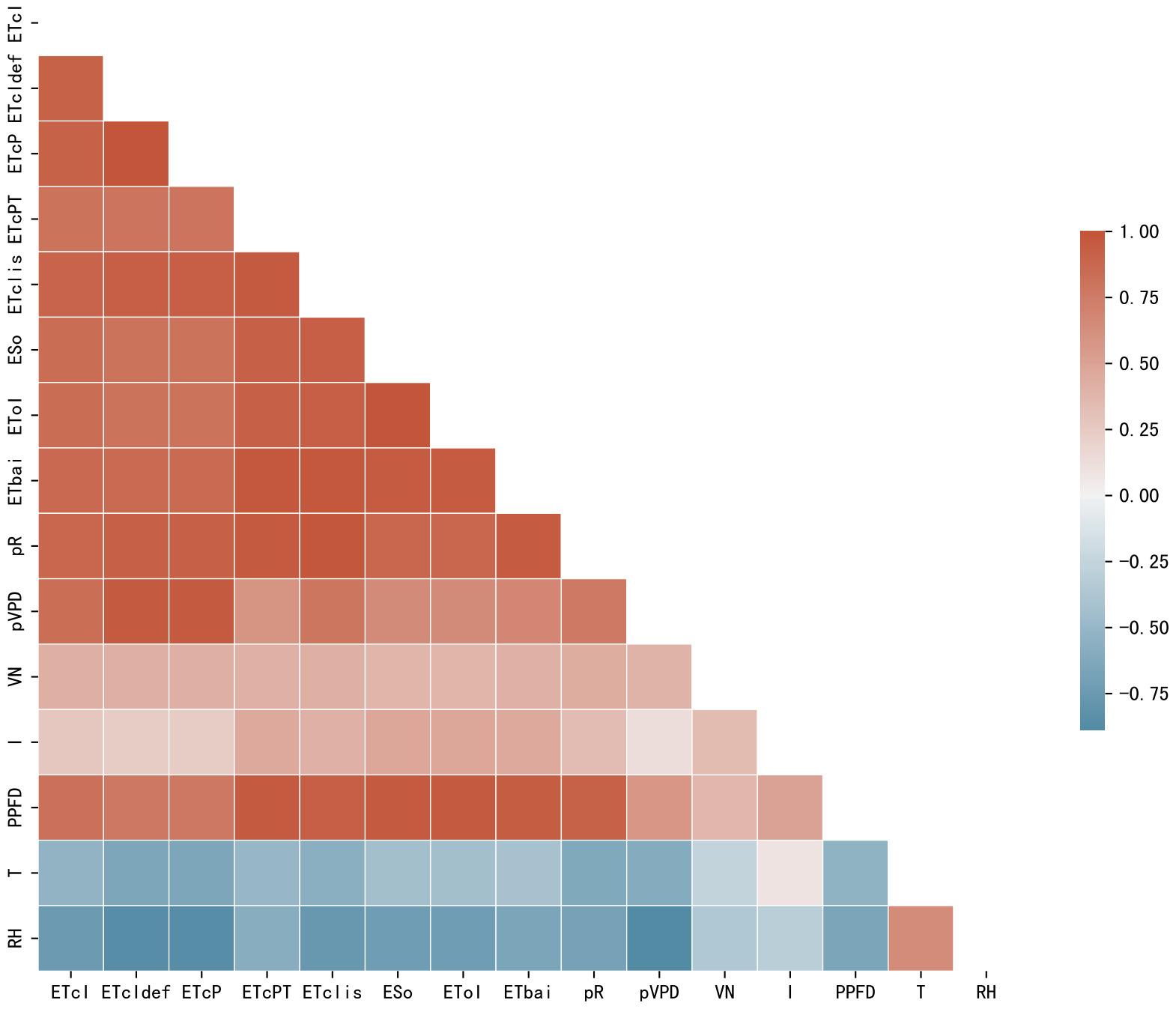


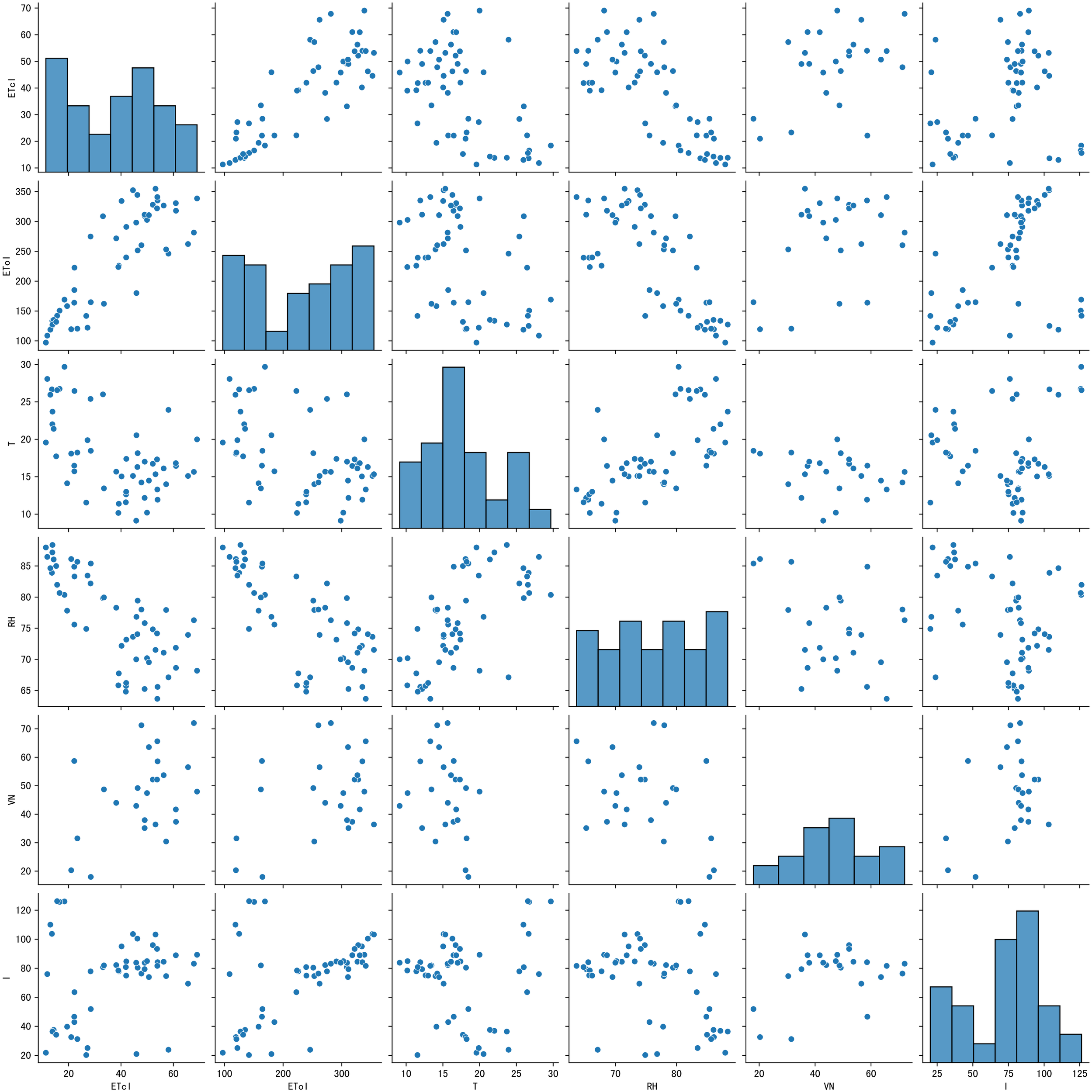


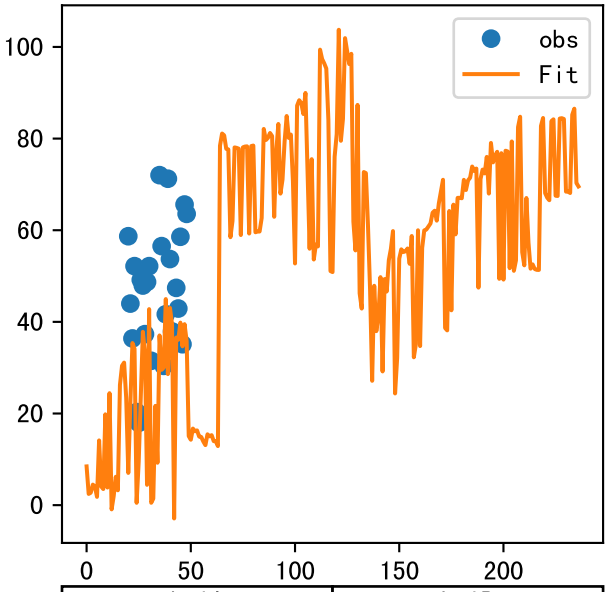


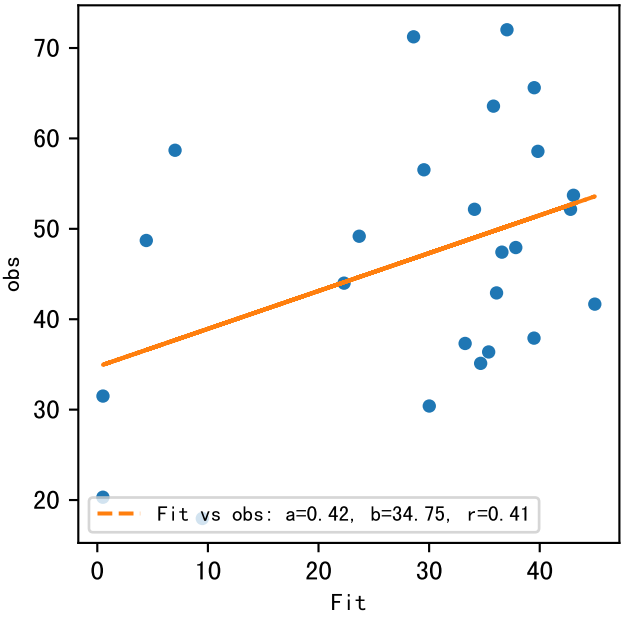


d

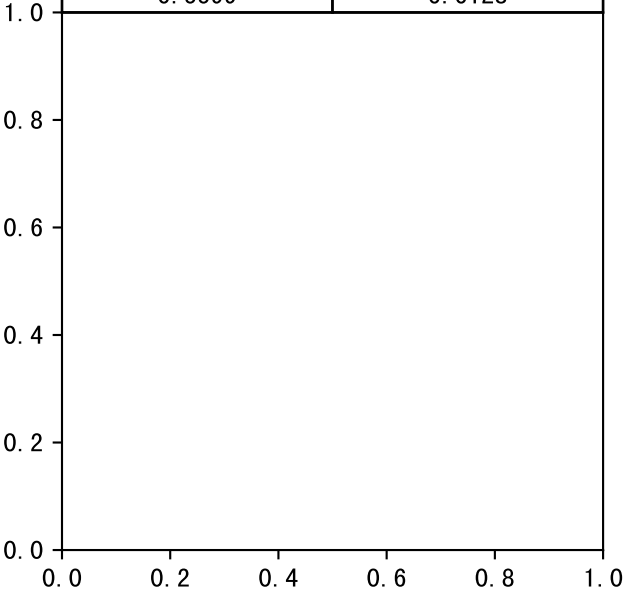

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

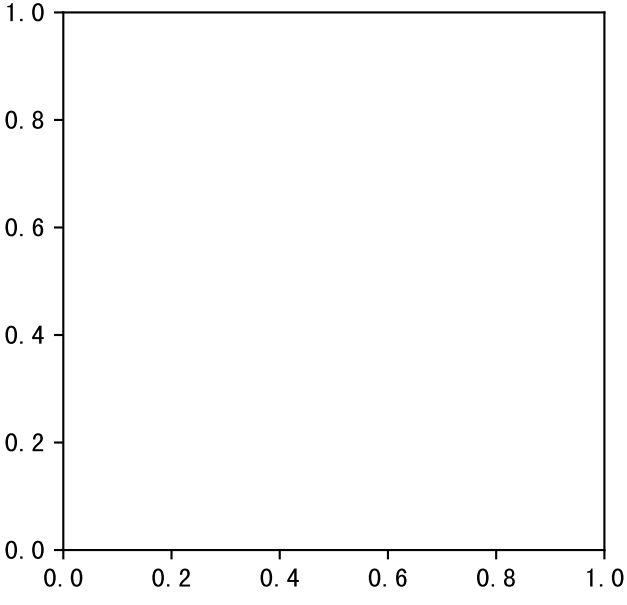

ETcI
ETo I
T
RH
VN
I
ETcI
ETo I
T
RH
VN
I

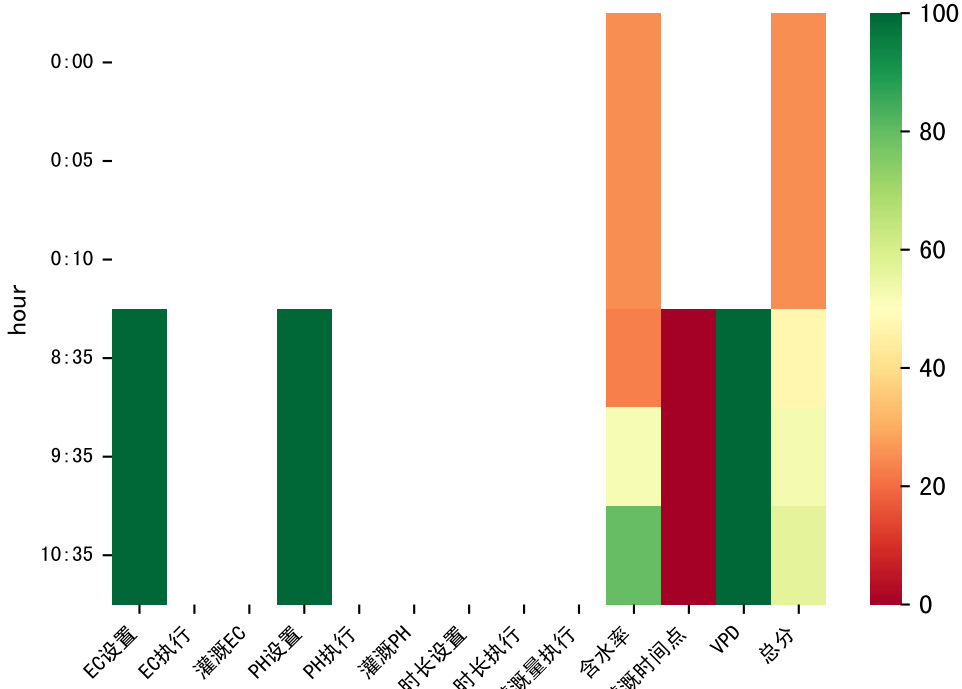




baiA	baiB
0.5599	0.0128

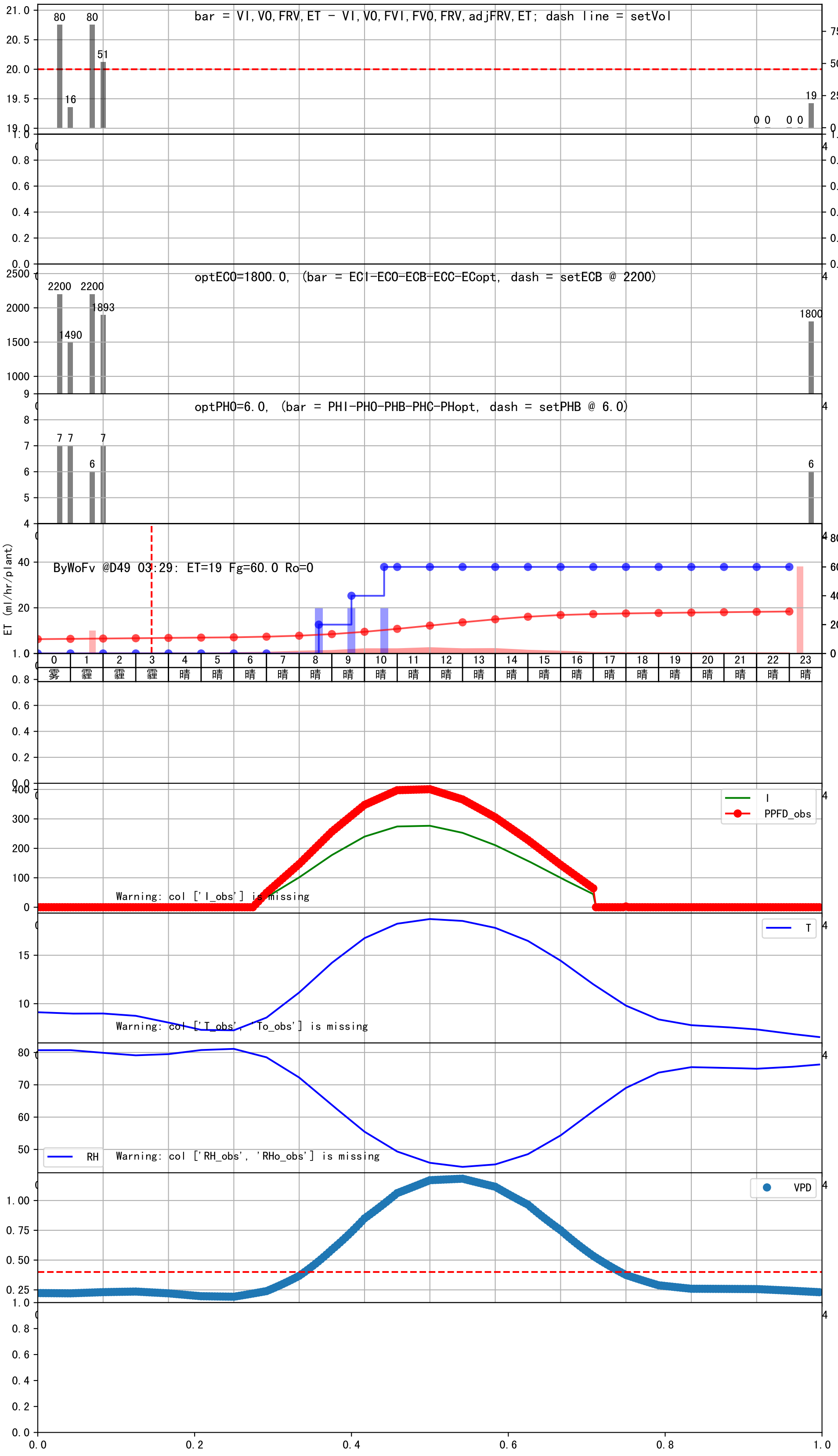


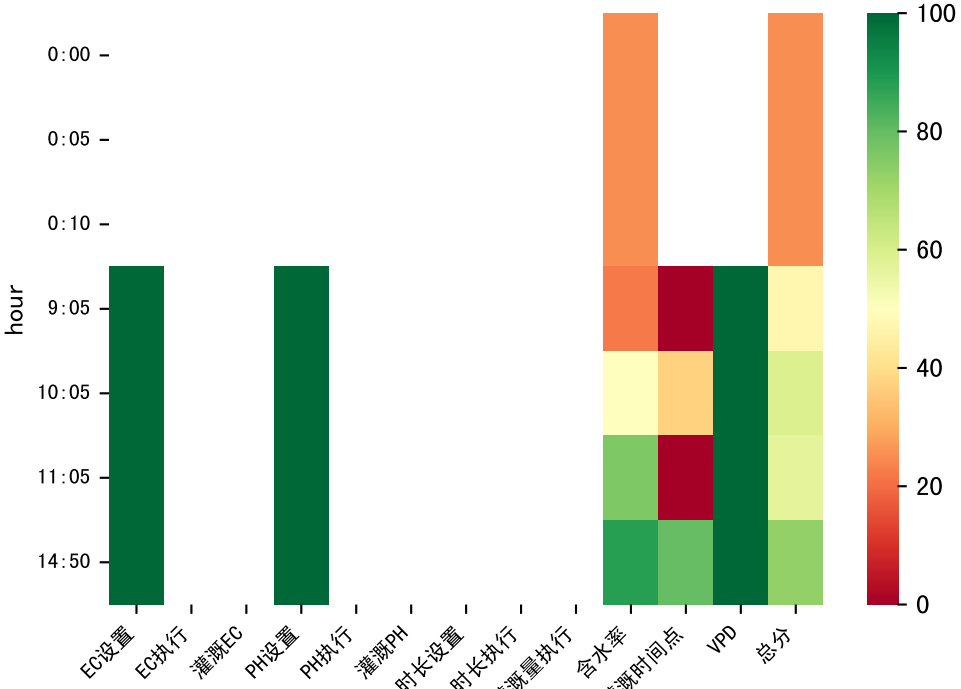



hour
0:00
0:05
0:10
8:35
9:35
10:35
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:35	34	20.0	0.081	晴	预期@08:35 自主（未用传感器）
09:35	34	20.0	0.081	晴	预期@09:35 自主（未用传感器）
10:35	34	20.0	0.081	晴	预期@10:35 自主（未用传感器）
总计	102.0 (3次)	60.0			建议进液EC：2200， PH：6.0

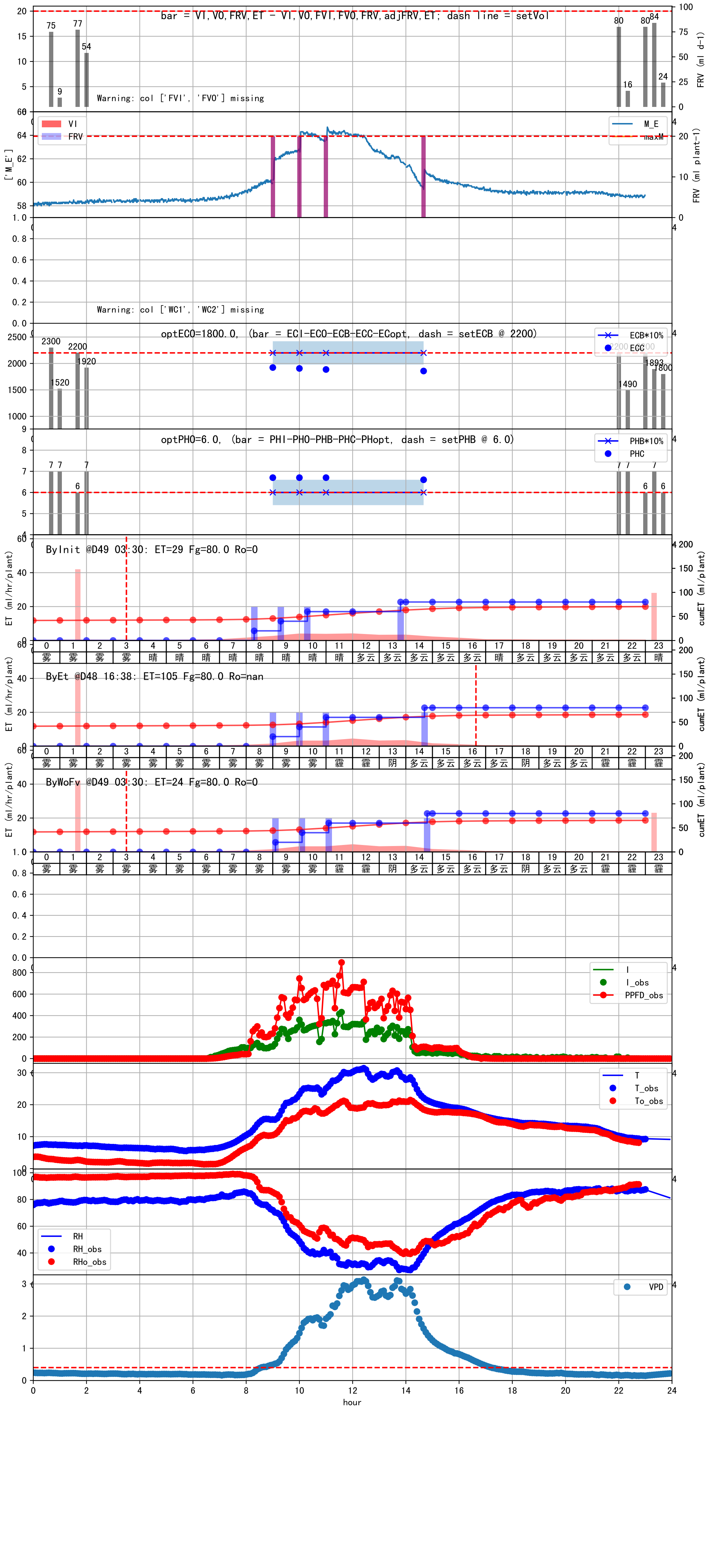
L1A1_1, Day=49 (2025-11-24)

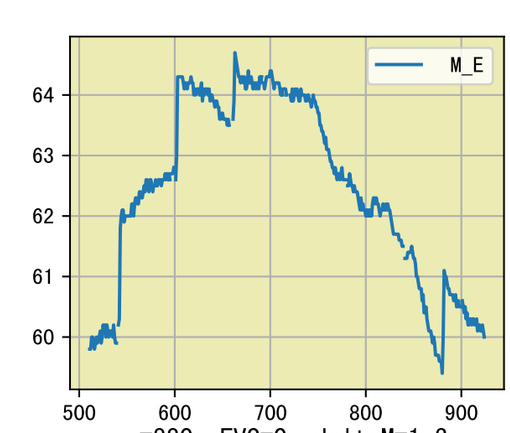


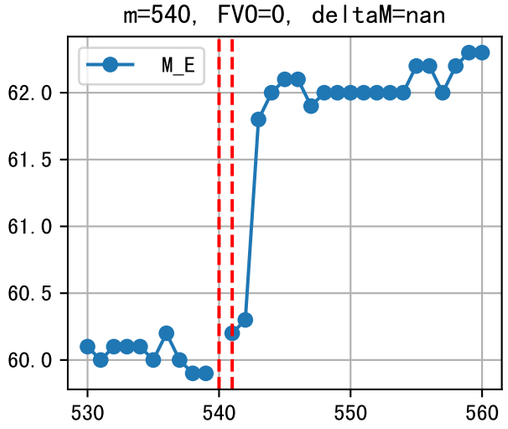

hour
0:00
0:05
0:10
9:05
10:05
11:05
14:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

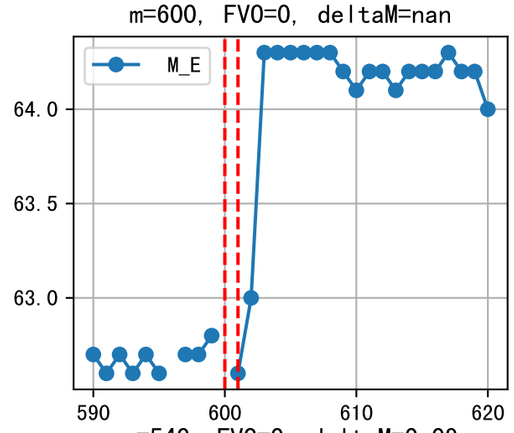
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:05	34	20.0	0.081	雾	假设@09:05 自动（未用传感器）
10:05	34	20.0	0.081	雾	假设@10:05 自动（未用传感器）
11:05	34	20.0	0.081	霾	假设@11:05 自动（未用传感器）
14:50	34	20.0	0.081	多云	假设@14:50 自动（未用传感器）
总计	136.0 (4次)	80.0			建议进液EC：2200， PH：6.0

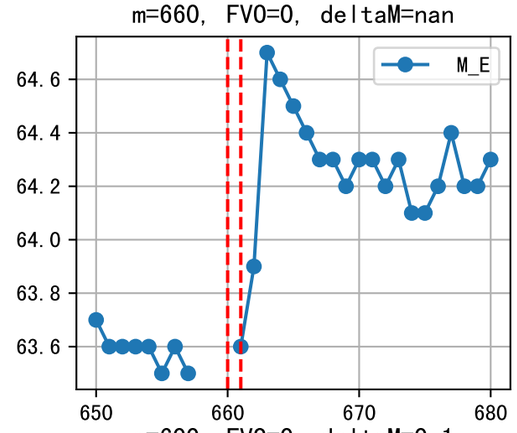
L1A1_1, Day=48 (2025-11-23)

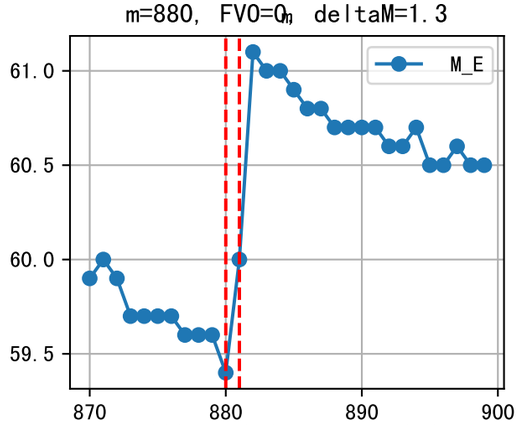


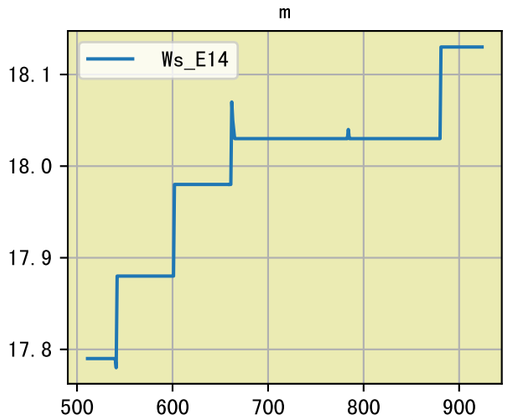

M_E

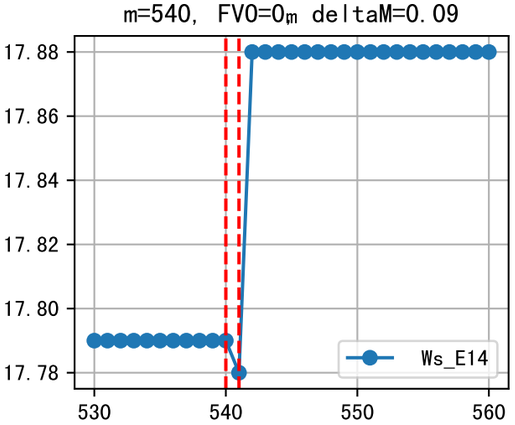

m=540, FV0=0, deltaM=nan
M_E
m

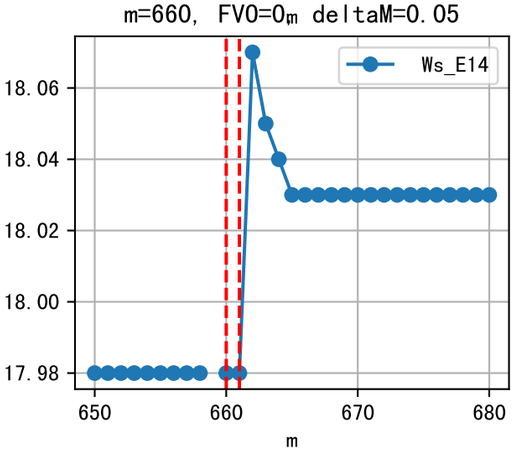

m=600, FV0=0, deltaM=nan
M_E

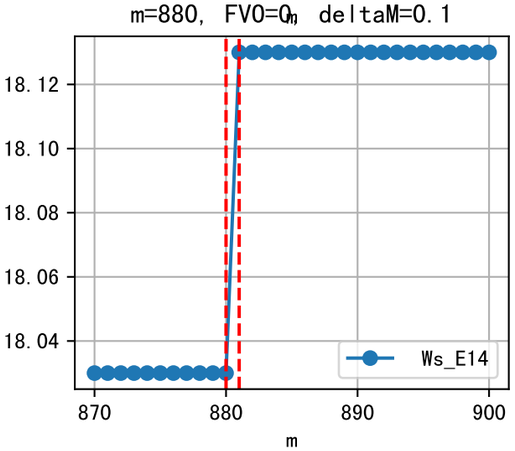

m=660, FV0=0, deltaM=nan
M_E

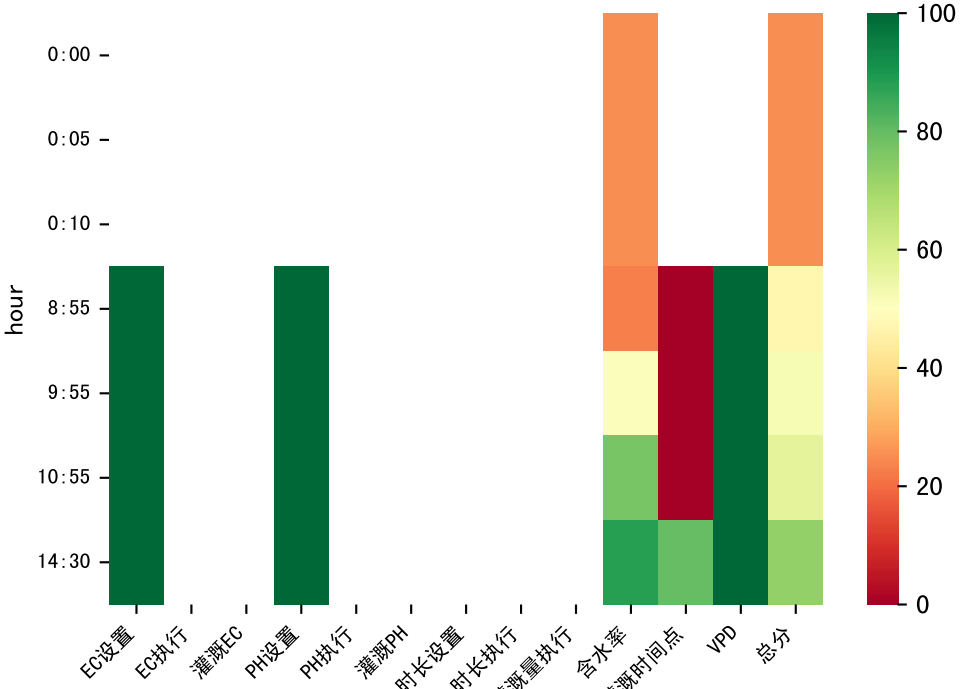

m=880, FV0=0m deltaM=1.3
M_E


m=540, FV0=0m deltaM=0.09
Ws_E14
m


m=600, FV0=0m deltaM=0.1
Ws_E14
m

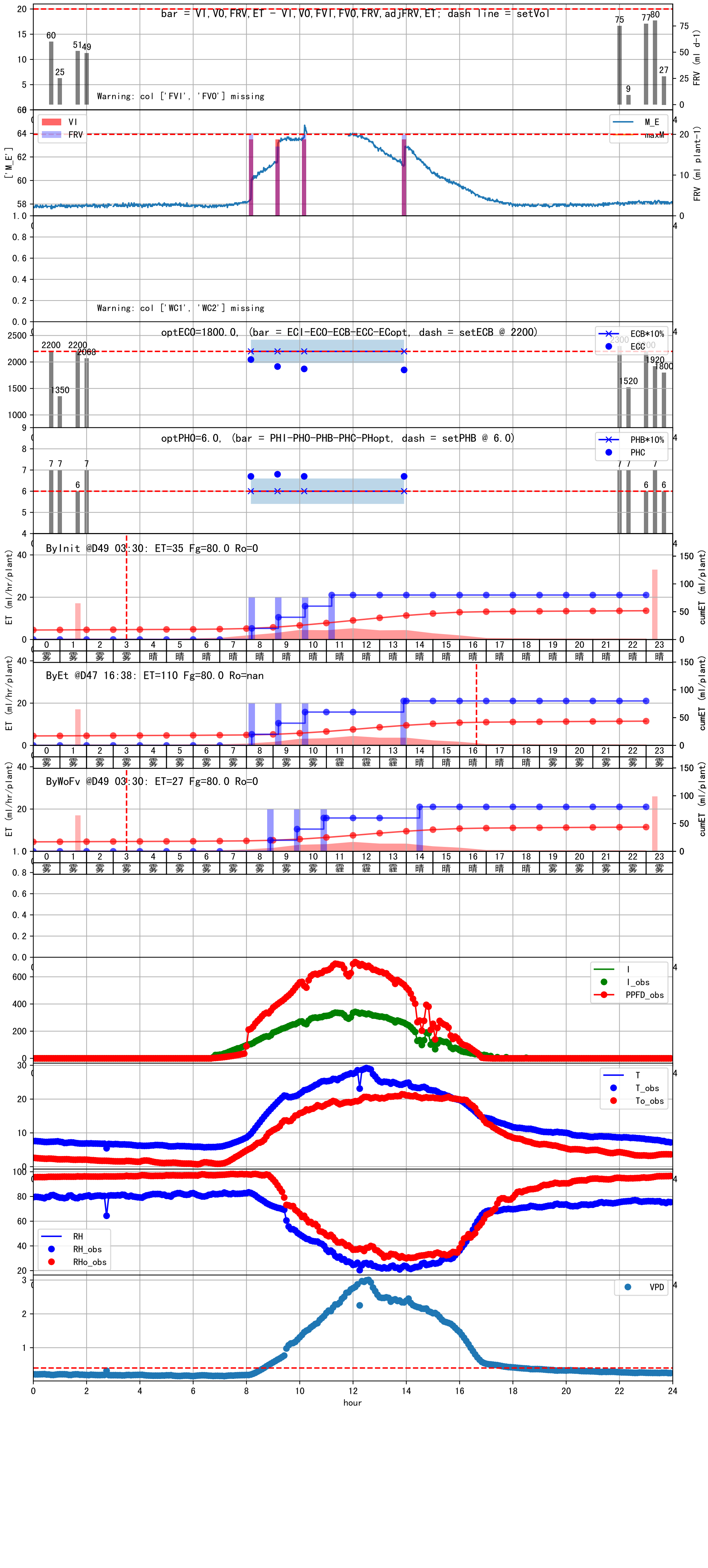

m=660, FV0=0m deltaM=0.05
Ws_E14
m

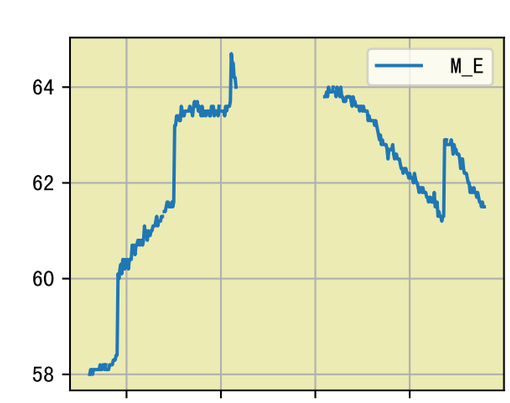

m=880, FV0=0m deltaM=0.1
Ws_E14
m

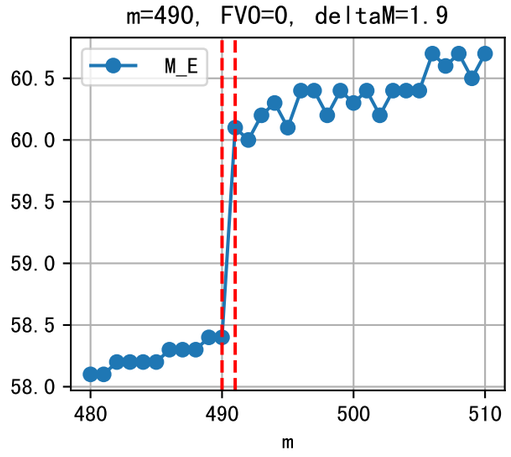

hour
0:00
0:05
0:10
8:55
9:55
10:55
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

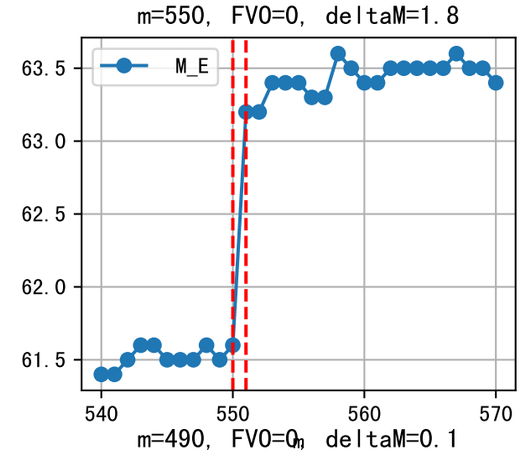
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:55	33	20.0	0.081	雾	假设@08:55 自动（未用传感器）
09:55	33	20.0	0.081	雾	假设@09:55 自动（未用传感器）
10:55	33	20.0	0.081	雾	假设@10:55 自动（未用传感器）
14:30	33	20.0	0.081	晴	假设@14:30 自动（未用传感器）
总计	132.0 (4次)	80.0			建议进液EC：2200， PH：6.0

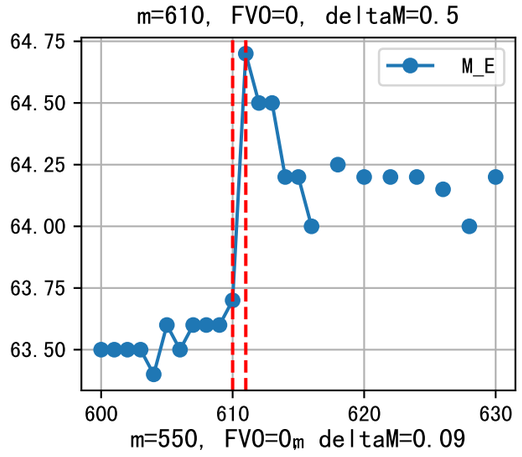
L1A1_1, Day=47 (2025-11-22)

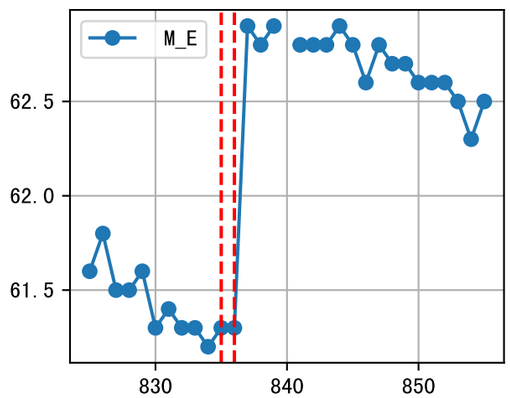


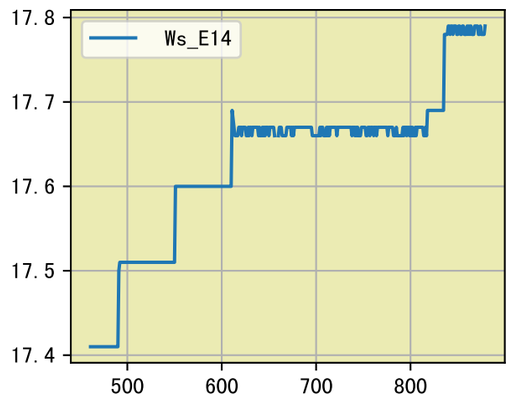

M_E

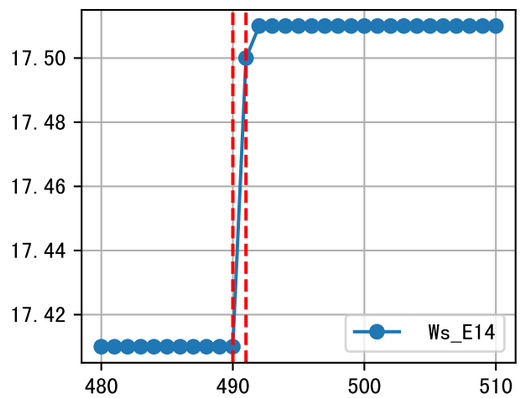

m=490, FV0=0, deltaM=1.9
M_E
m

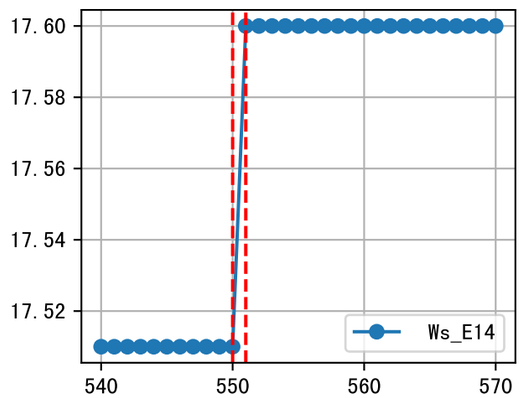

m=550, FV0=0, deltaM=1.8
M_E


m=610, FV0=0, deltaM=0.5
M_E


m=835, FV0=0m deltaM=1.5
M_E
m=610, FV0=0m deltaM=0.07


Ws_E14
m=835, FV0=0m deltaM=0.09


m=490, FV0=0m deltaM=0.1
Ws_E14
m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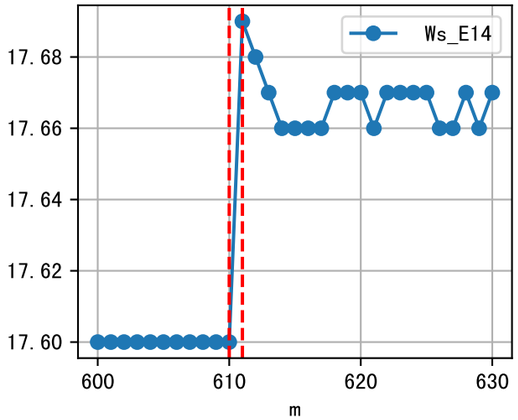
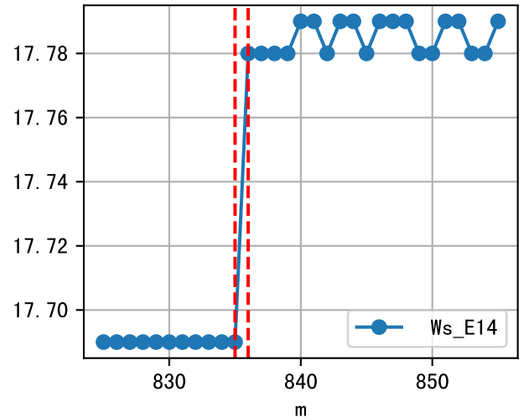
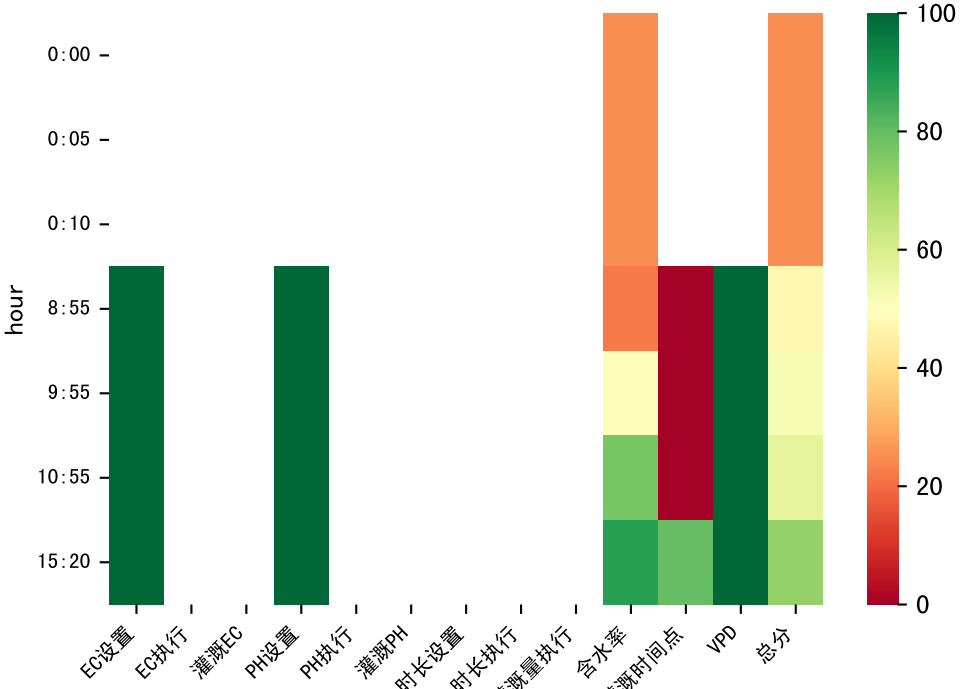
Ws_E14
m


Ws_E14
m

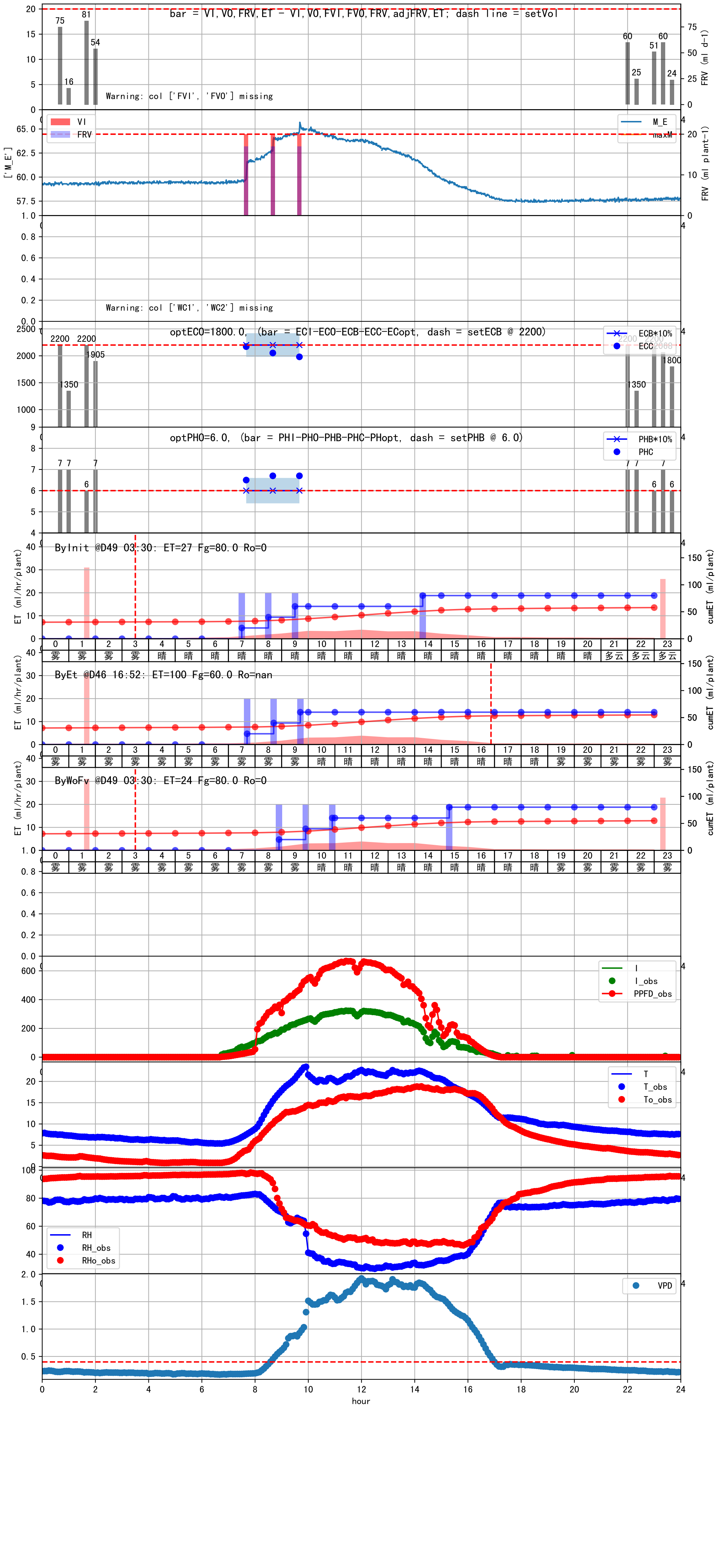

Ws_E14
m

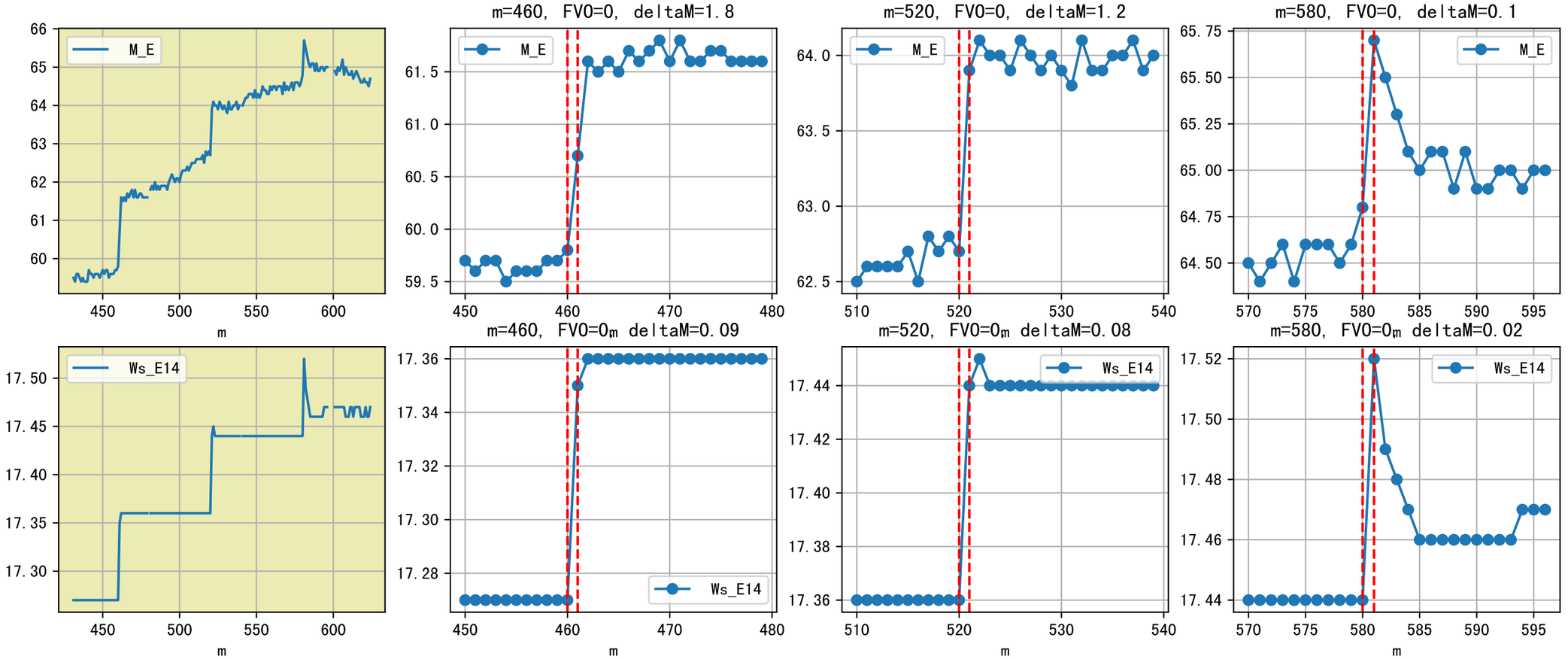

hour
0:00
0:05
0:10
8:55
9:55
10:55
15:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

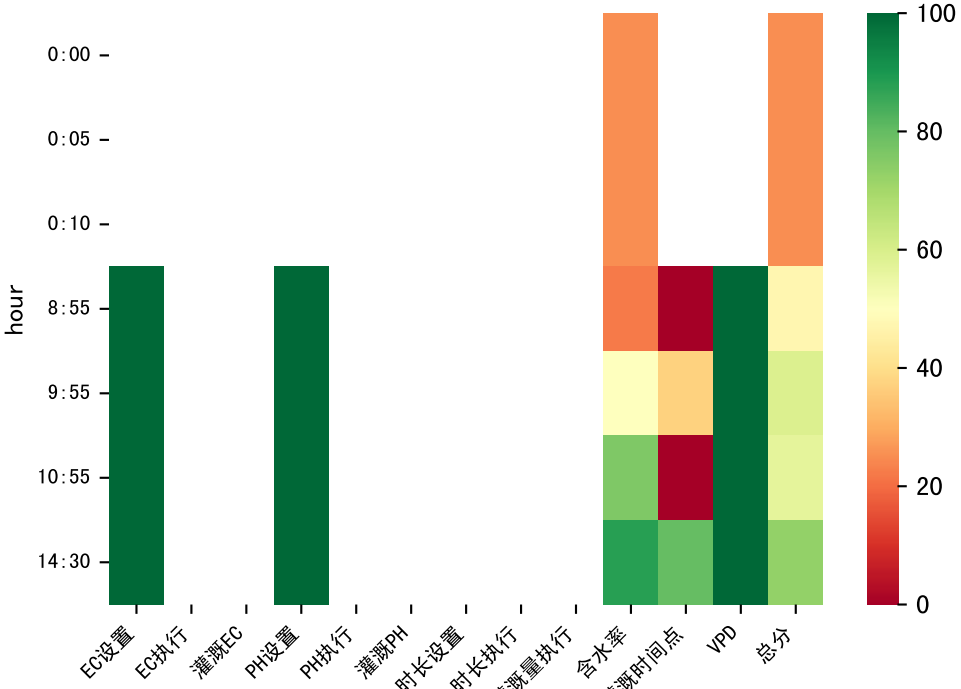
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:55	33	20.0	0.081	雾	假设@08:55 自动（未用传感器）
09:55	33	20.0	0.081	雾	假设@09:55 自动（未用传感器）
10:55	33	20.0	0.081	晴	假设@10:55 自动（未用传感器）
15:20	33	20.0	0.081	晴	假设@15:20 自动（未用传感器）
总计	132.0 (4次)	80.0			建议进液EC：2200， PH：6.0

上次灌溉流速比平时小 (0.52 vs 0.6)，可能有多阀同灌或管道堵塞或水压不足
默认实际灌溉20.0 ml.

L1A1_1, Day=46 (2025-11-21)

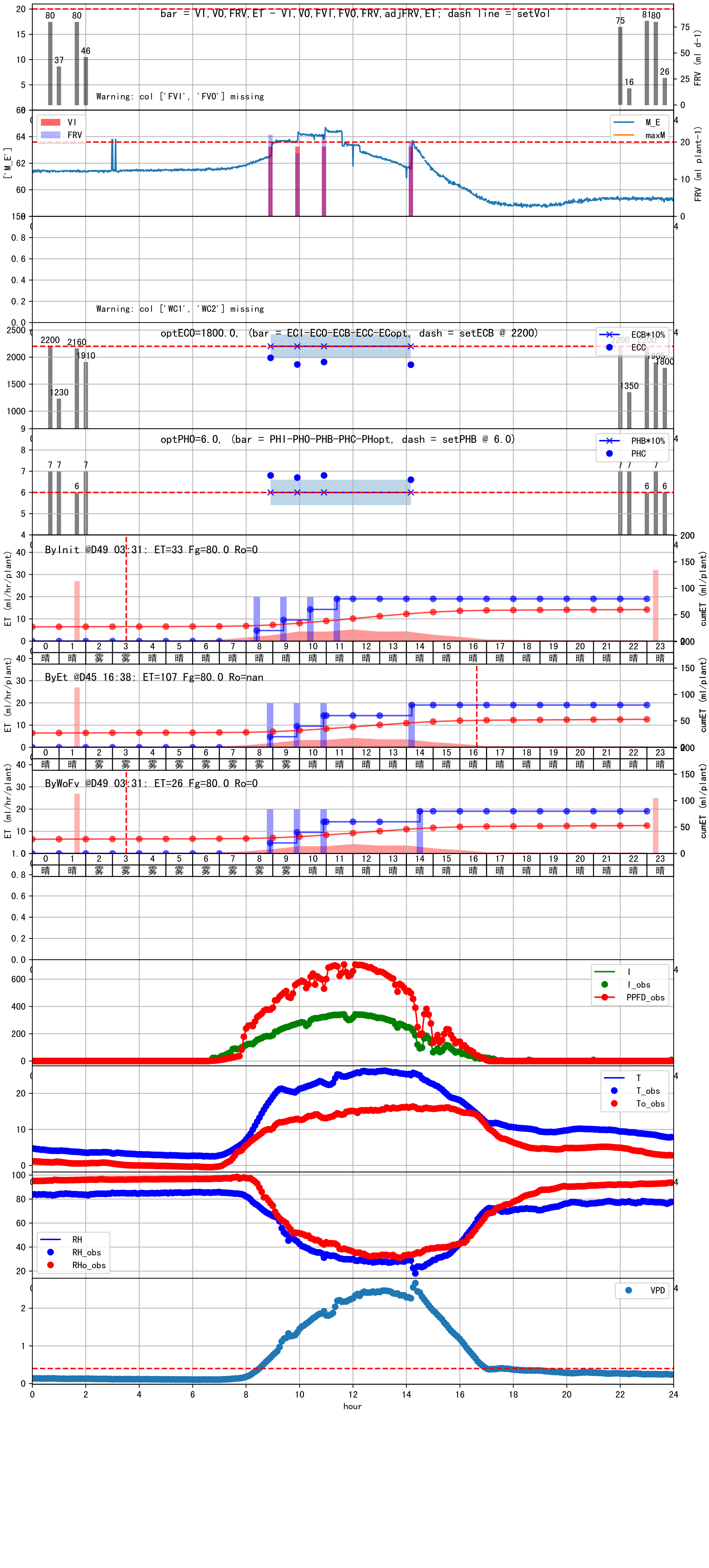


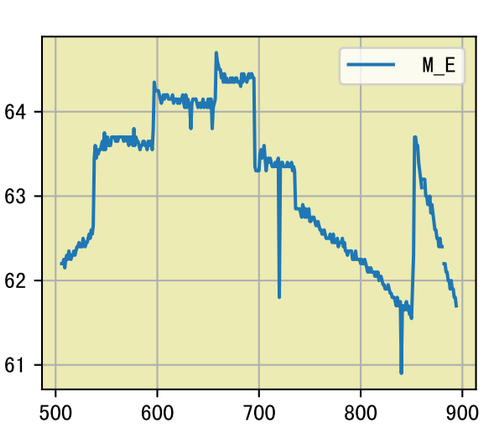

M_E
m=460, FV0=0, deltaM=1.8
m=520, FV0=0, deltaM=1.2
m=580, FV0=0, deltaM=0.1
Ws_E14
m=460, FV0=0m deltaM=0.09
m=520, FV0=0m deltaM=0.08
m=580, FV0=0m deltaM=0.02
m

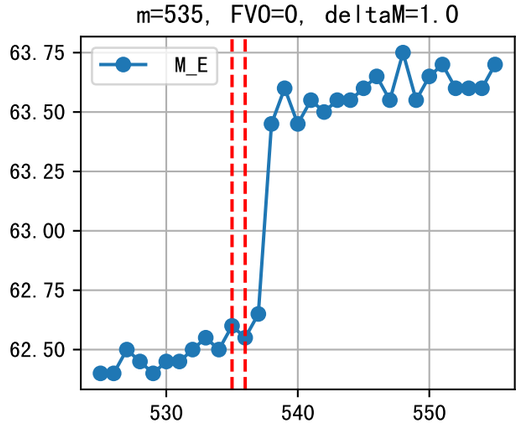

hour
0:00
0:05
0:10
8:55
9:55
10:55
14:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

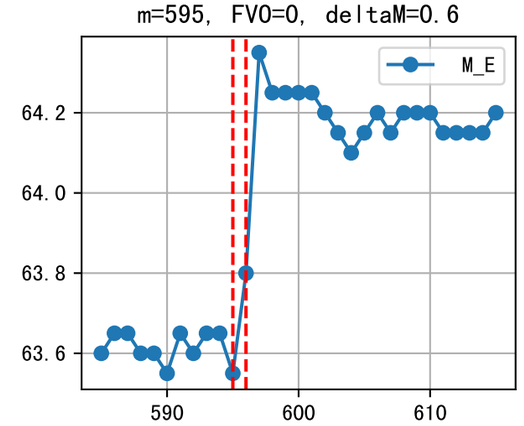
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:55	33	20.0	0.081	雾	假设@08:55 自动（未用传感器）
09:55	33	20.0	0.081	雾	假设@09:55 自动（未用传感器）
10:55	33	20.0	0.081	晴	假设@10:55 自动（未用传感器）
14:30	33	20.0	0.081	晴	假设@14:30 自动（未用传感器）
总计	132.0 (4次)	80.0			建议进液EC：2200， PH：6.0

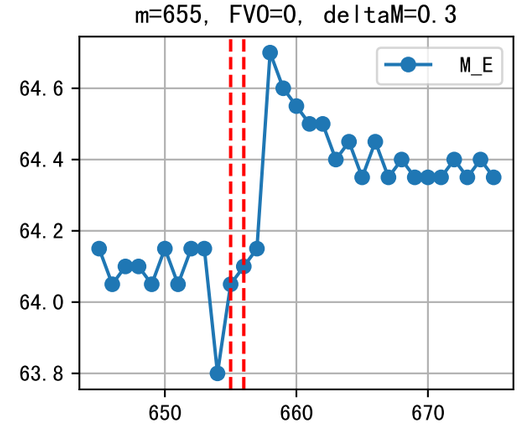
L1A1_1, Day=45 (2025-11-20)

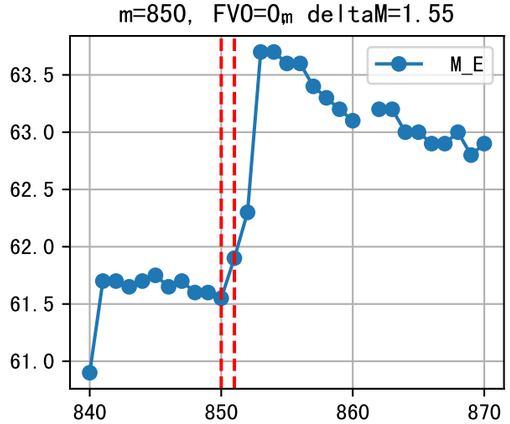


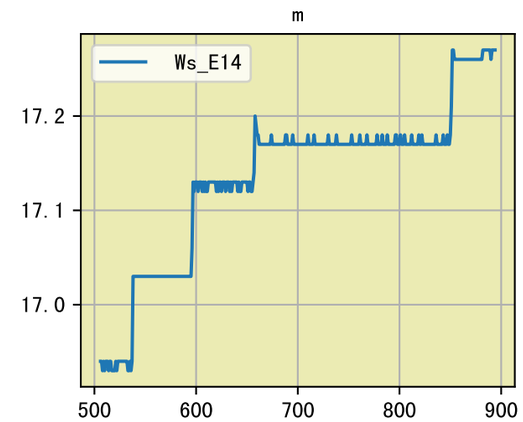

M_E

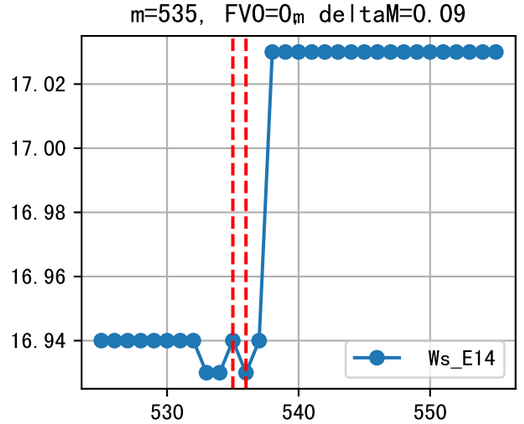

m=535, FV0=0, deltaM=1.0
M_E
m

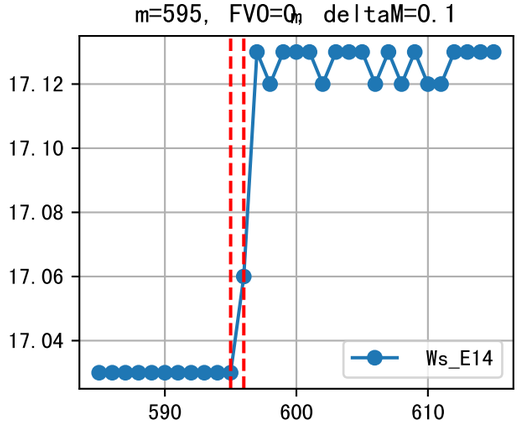

m=595, FV0=0, deltaM=0.6
M_E

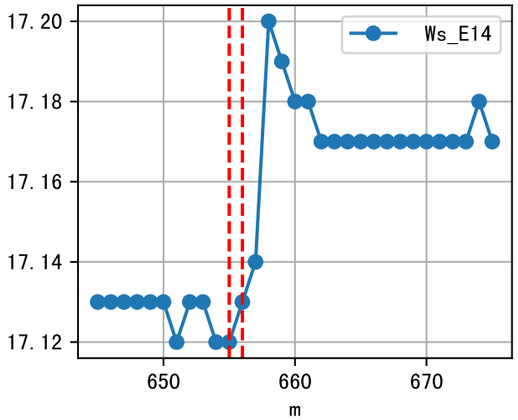

m=655, FV0=0, deltaM=0.3
M_E

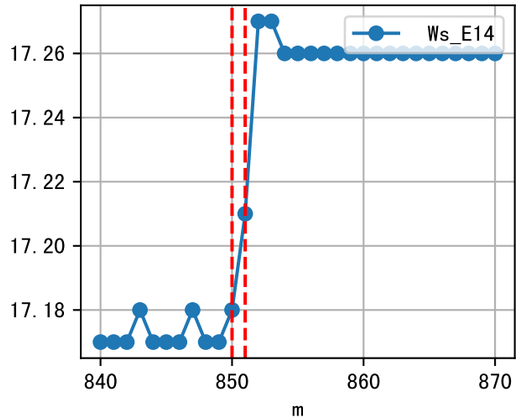

m=850, FV0=0m deltaM=1.55
M_E
m=655, FV0=0m deltaM=0.05


Ws_E14
m=850, FV0=0m deltaM=0.08


m=535, FV0=0m deltaM=0.09
Ws_E14
m


m=595, FV0=0m deltaM=0.1
Ws_E14
m


Ws_E14
m


Ws_E14
m