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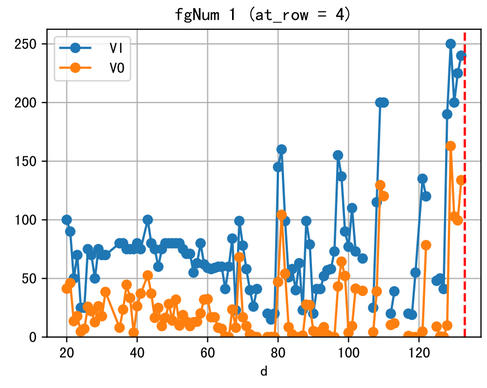
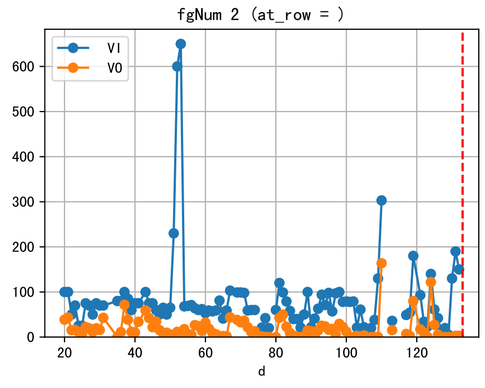
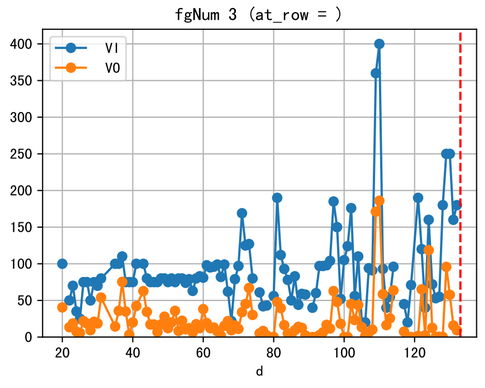
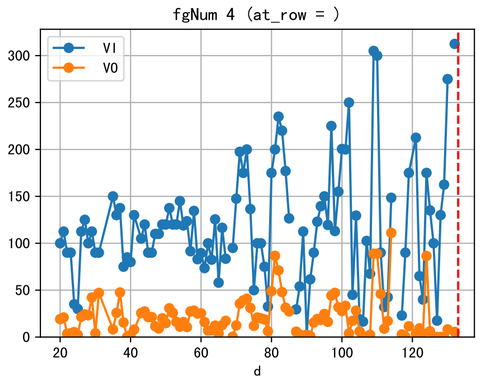
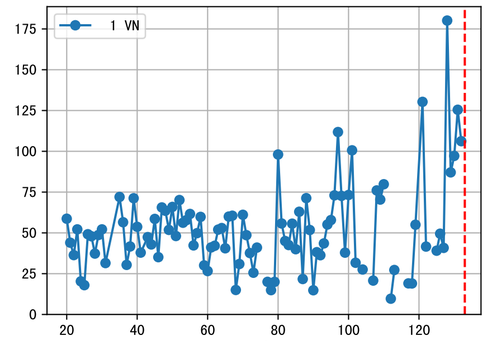
NJ15 L1
2026-02-16 (Day 133)

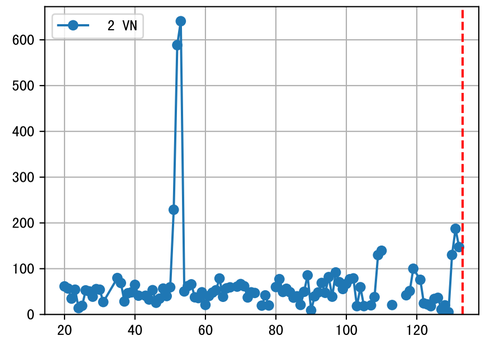

fgNum 1 (at_row = 4)
VI
VO
d

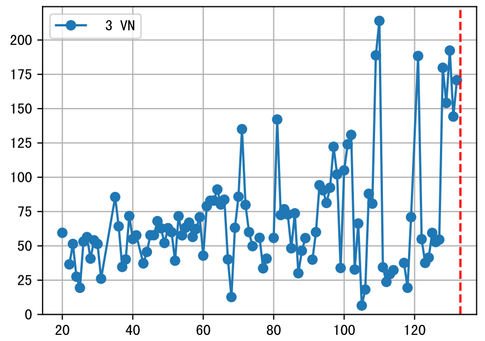

fgNum 2 (at_row =)
VI
VO
d

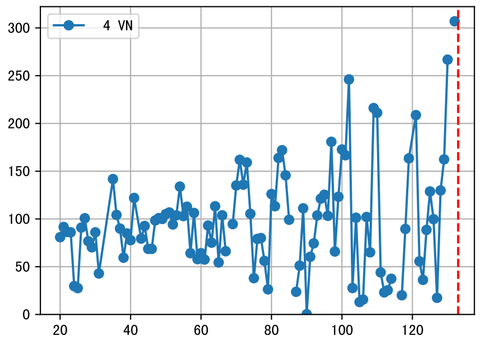

fgNum 3 (at_row =)
VI
VO
d

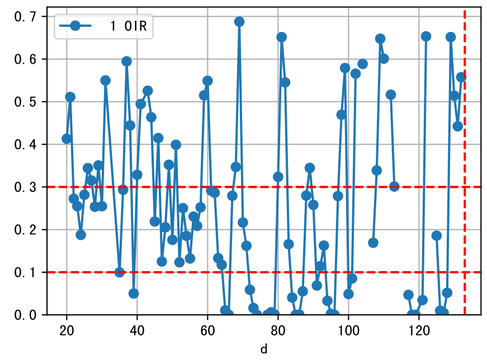

fgNum 4 (at_row =)
VI
VO
d

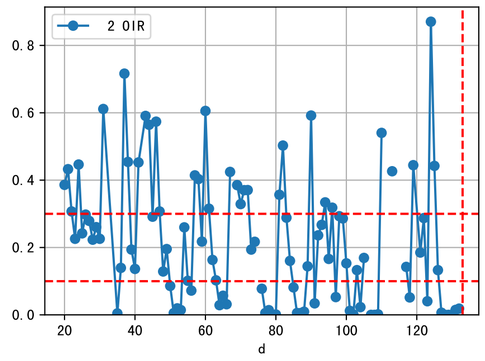

1 VN
d

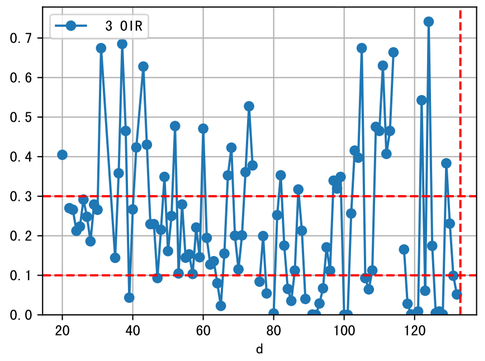

2 VN
d

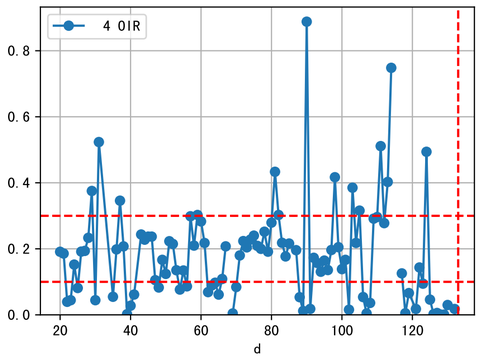

3 VN
d

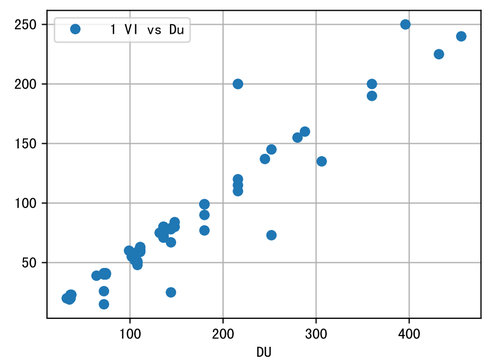

4 VN
d

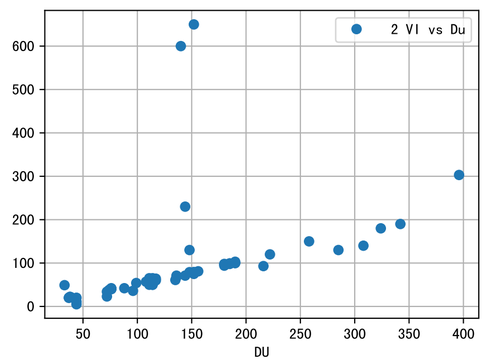

1 OIR
d

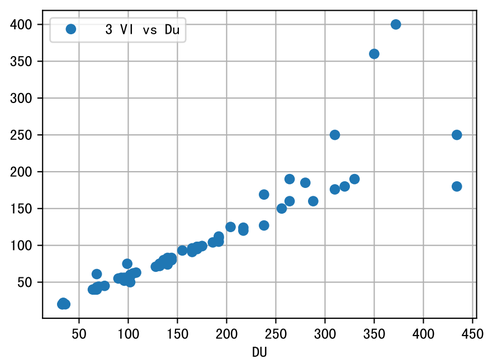

2 OIR
d

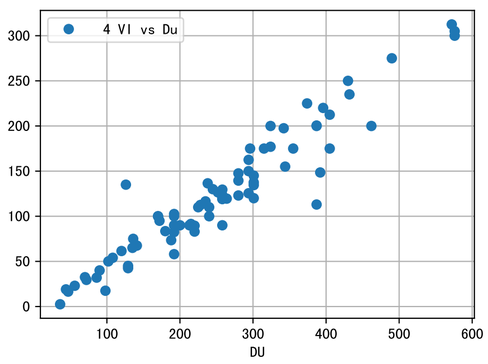

3 OIR
d

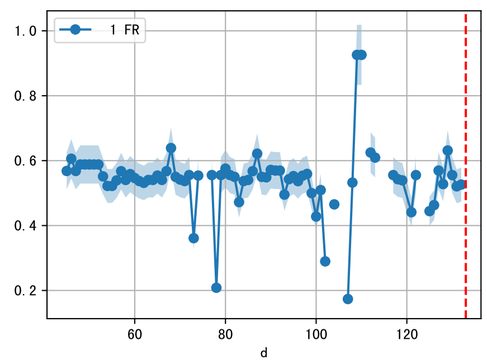

4 OIR
d

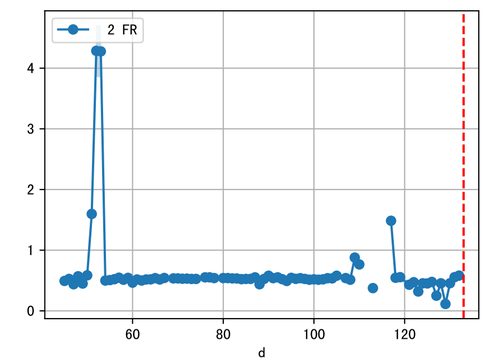

1 VI vs Du
DU

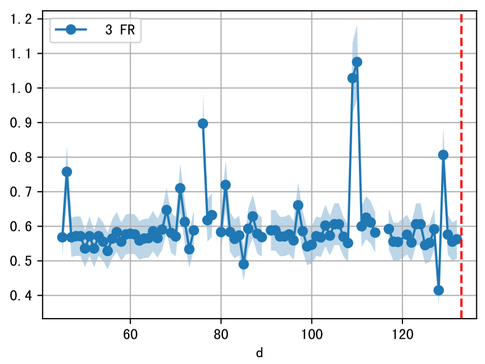

2 VI vs Du
DU

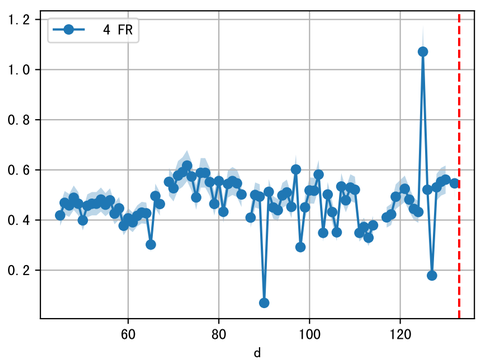

3 VI vs Du
DU

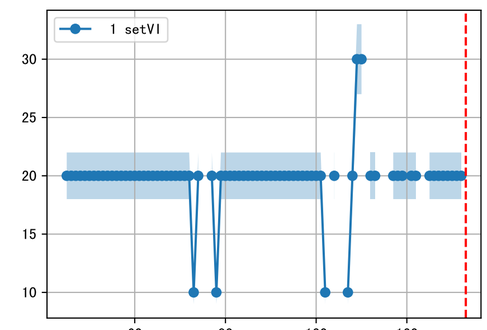

4 VI vs Du
DU

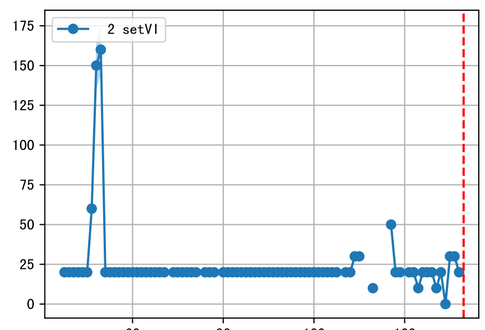

1 FR
d

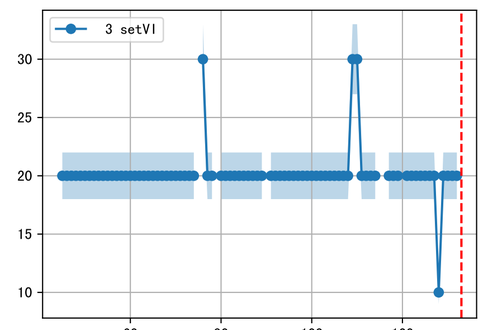

2 FR
d

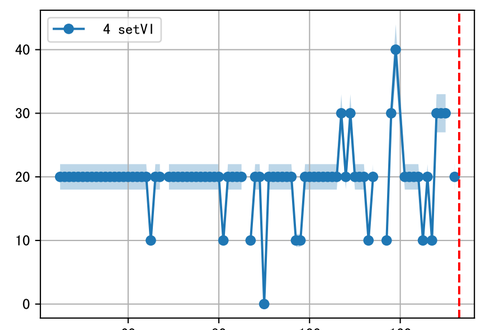

3 FR
d

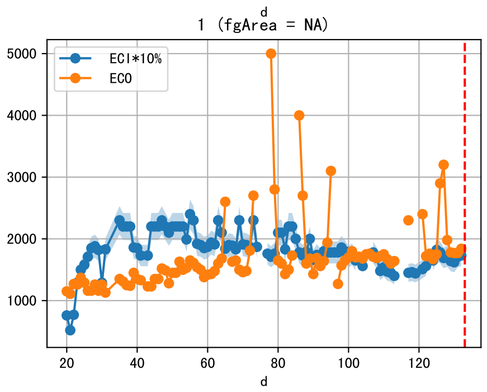

4 FR
d

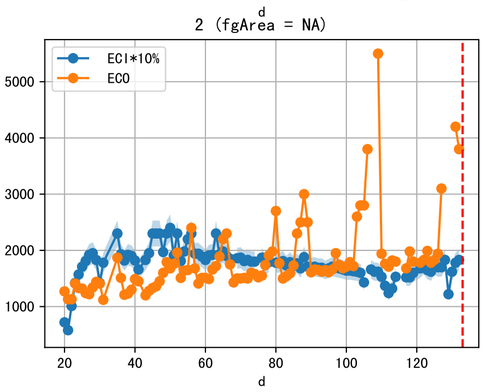

1 setVI
d

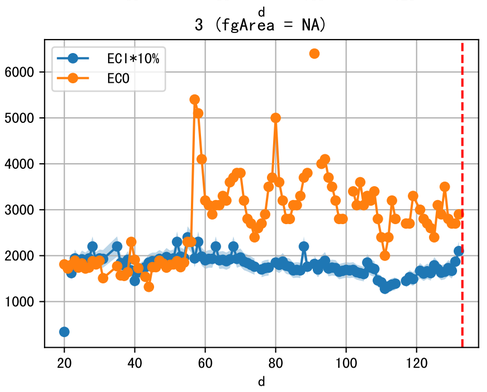

2 setVI
d

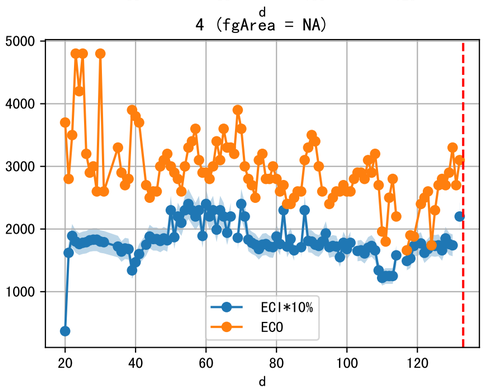

3 setVI
d

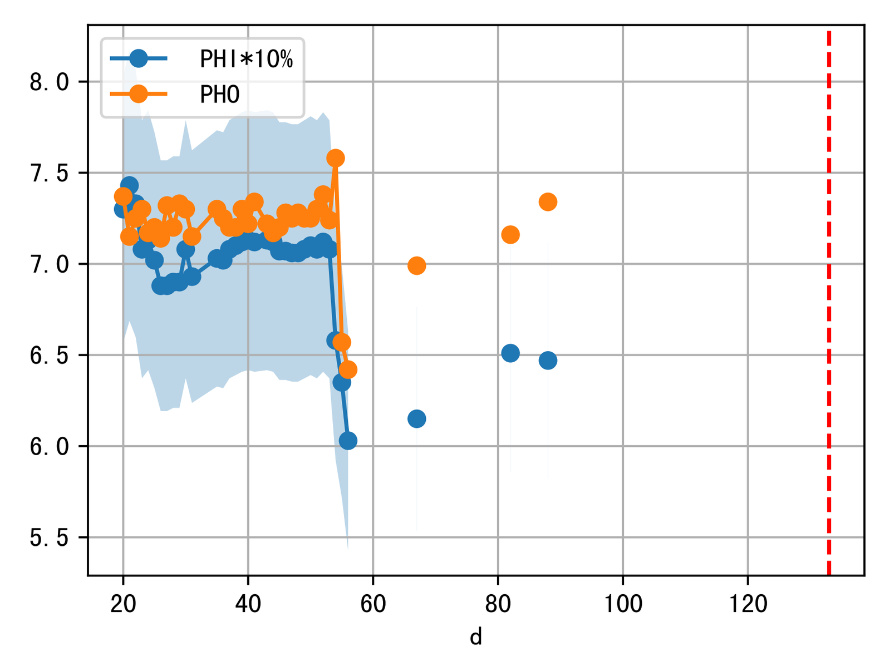
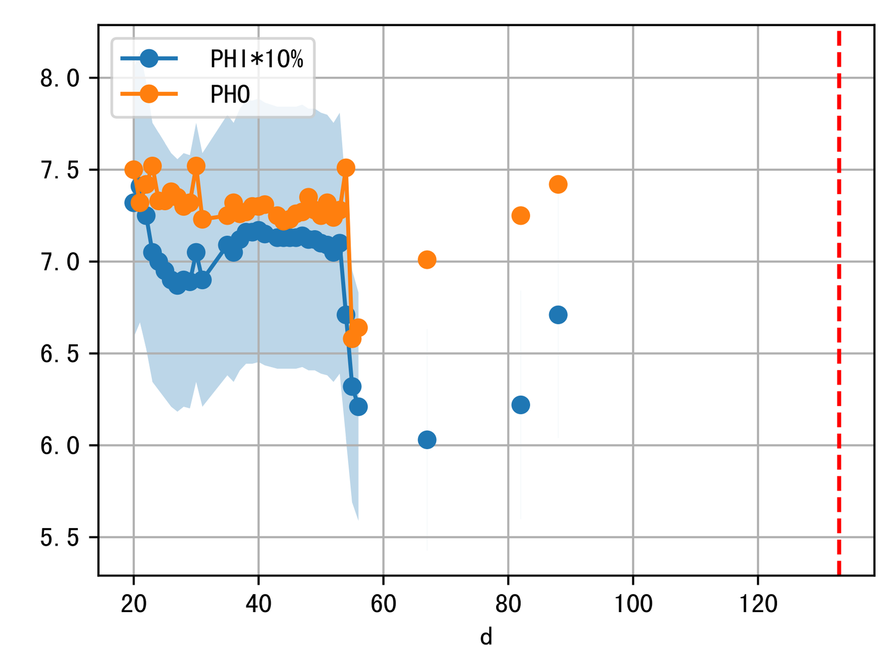
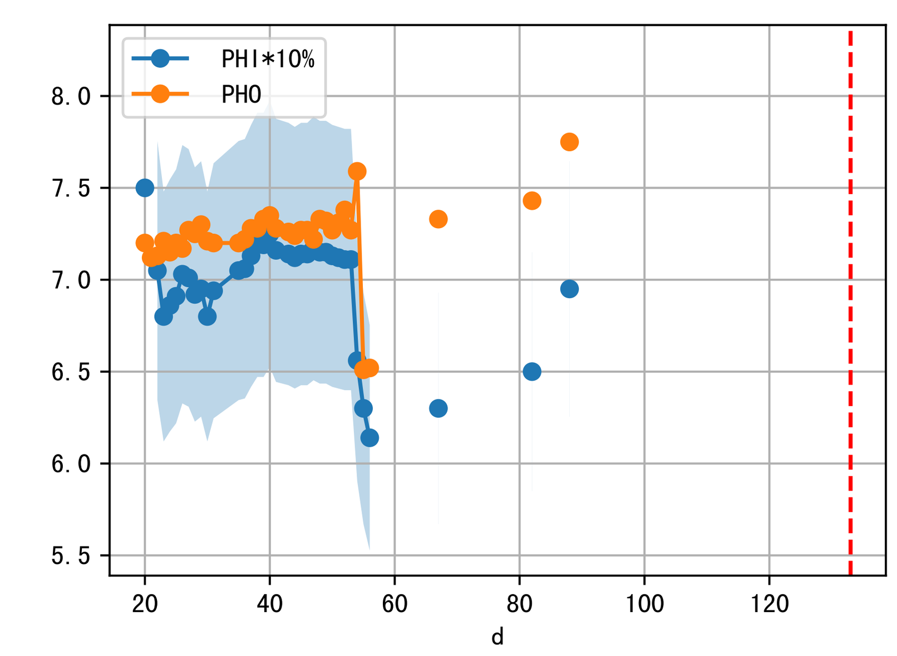
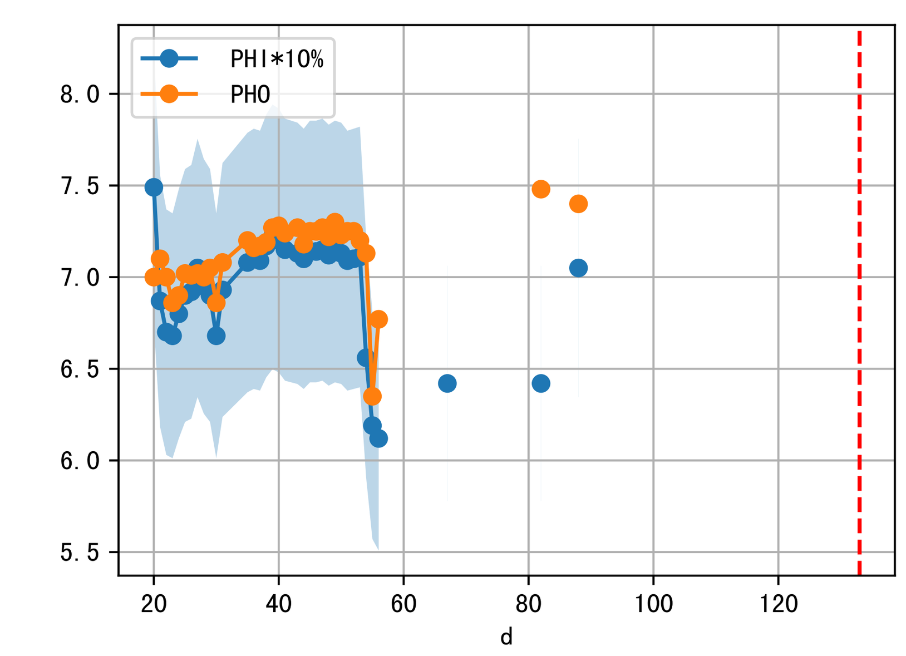

4 setVI
d

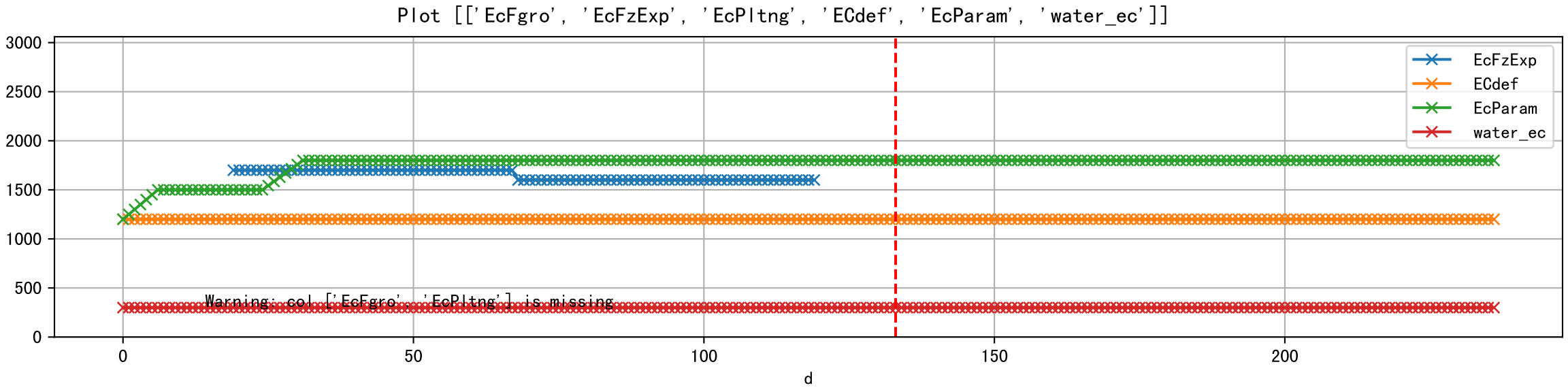

1 (fgArea = NA)
ECI*10%
ECO
d

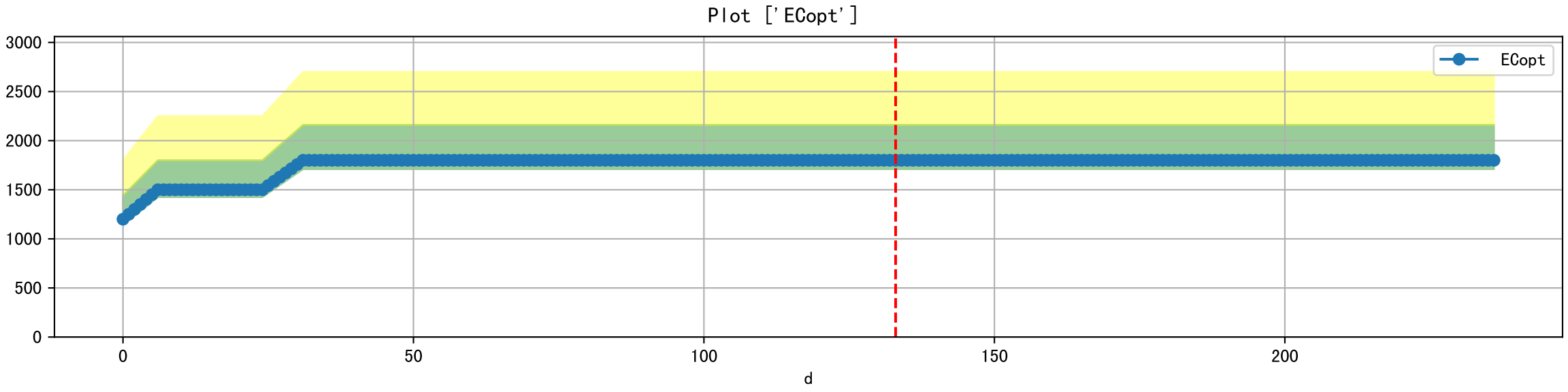

2 (fgArea = NA)
ECI*10%
ECO
d

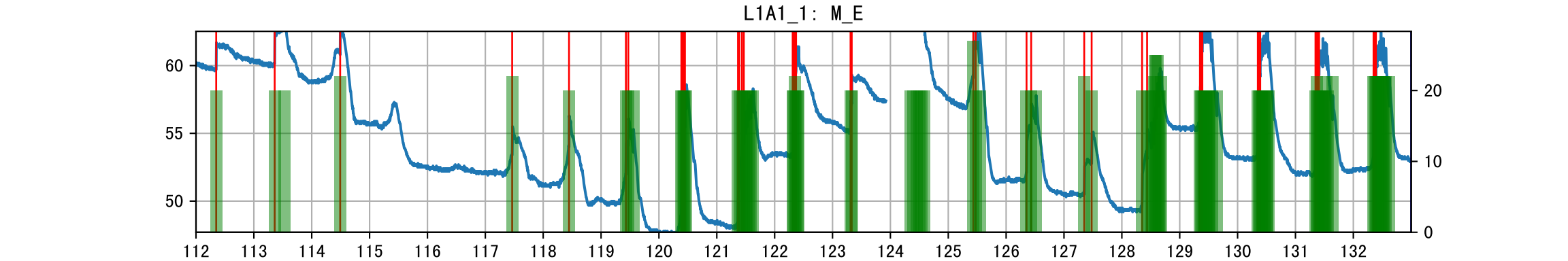

3 (fgArea = NA)
ECI*10%
ECO
d


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

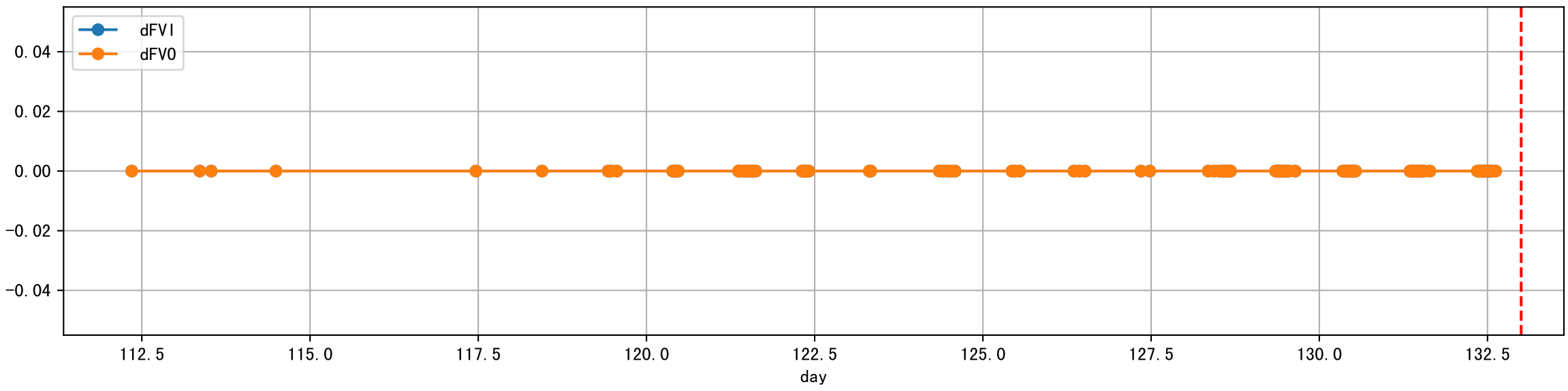

PHI*10%
PHO
8.0
7.5
7.0
6.5
6.0
5.5
20
40
60
80
100
120
d

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

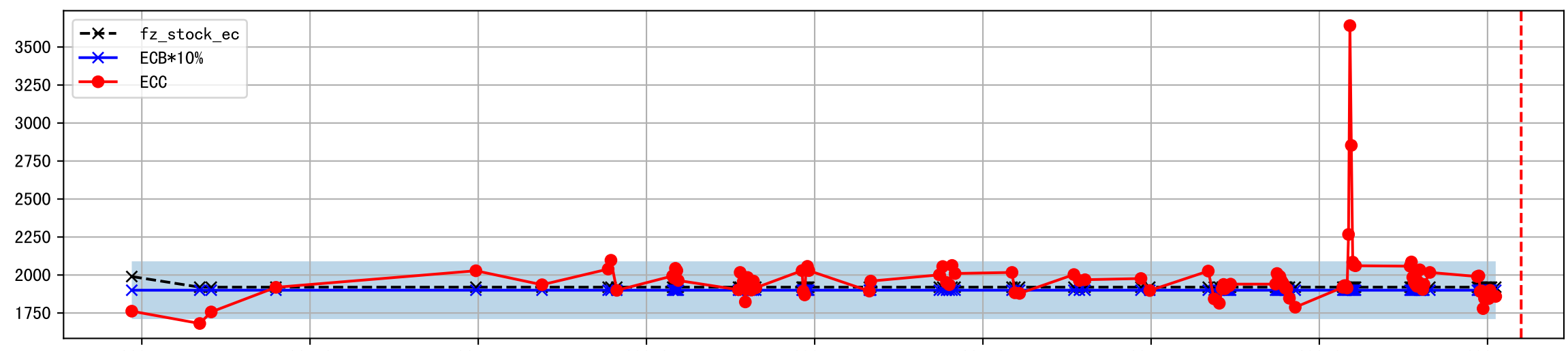

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

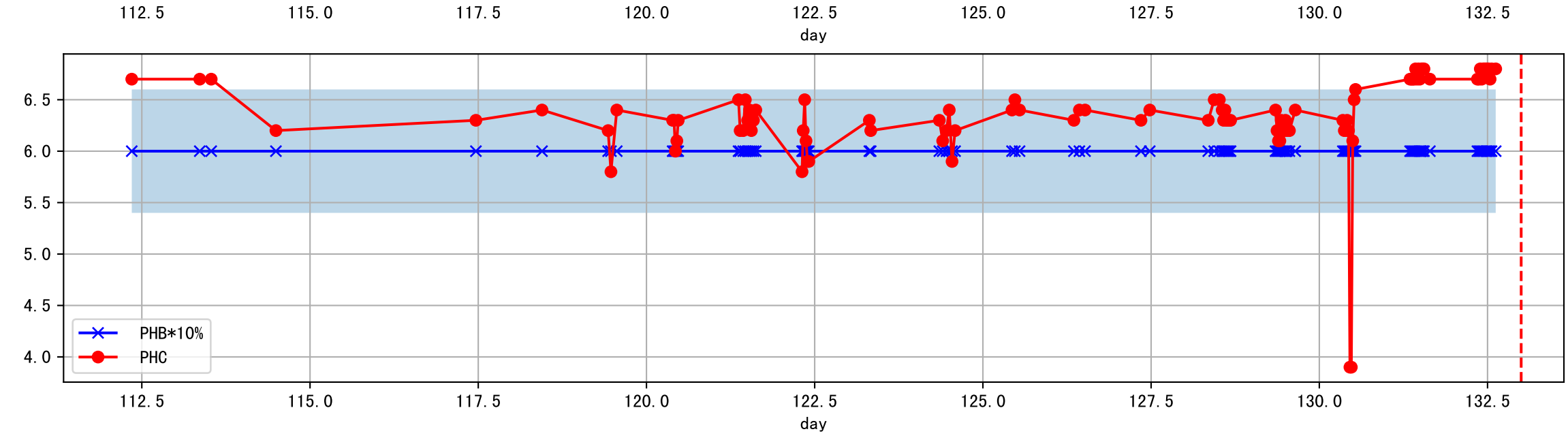

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

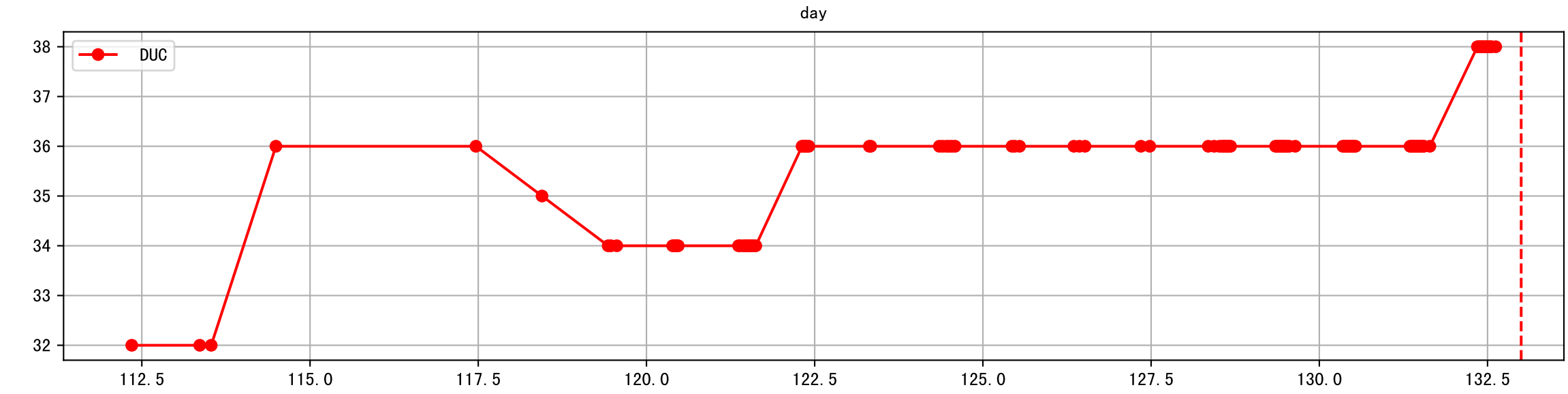

L1A1_1: M_E
60
55
50
20
10
0
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132

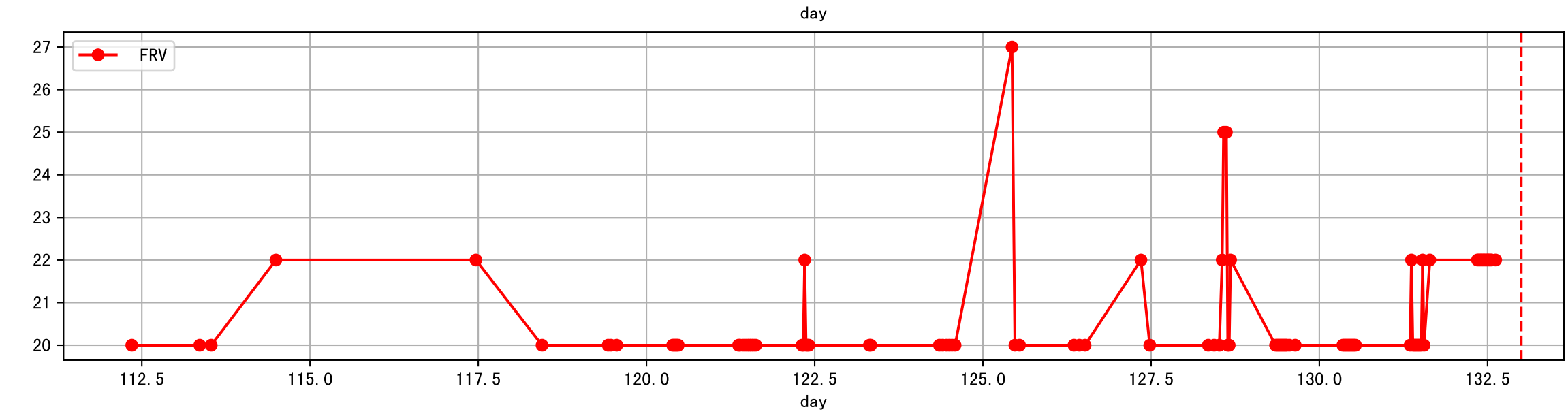
Plot Sensor and FgRec Data

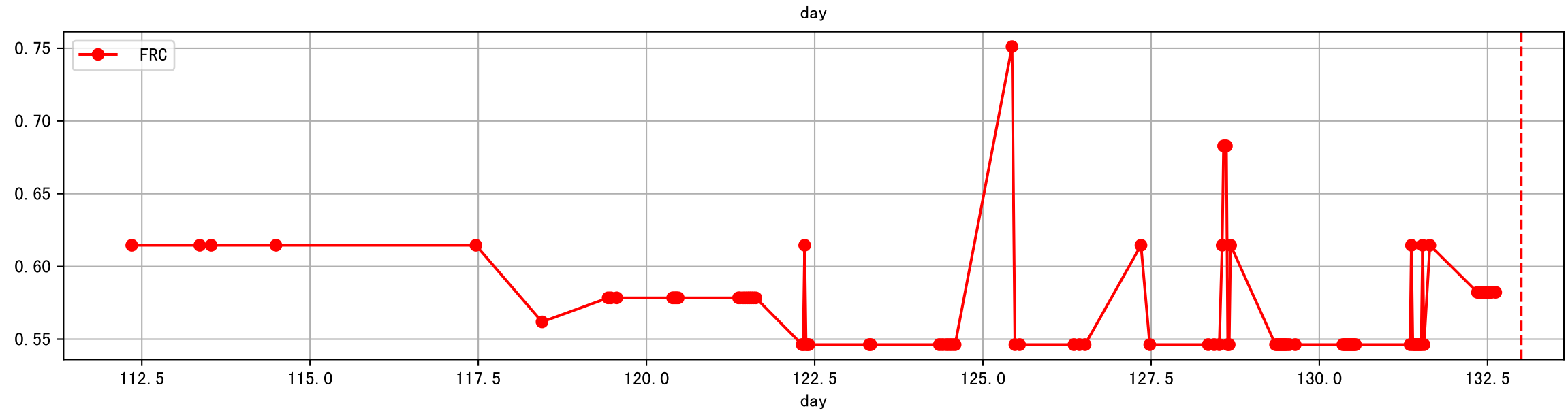


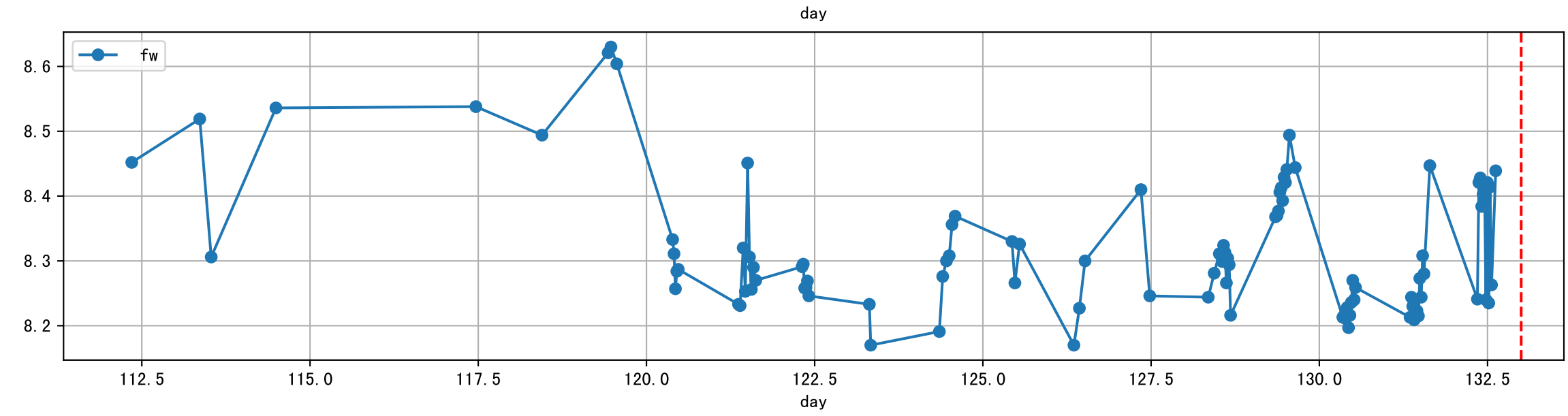


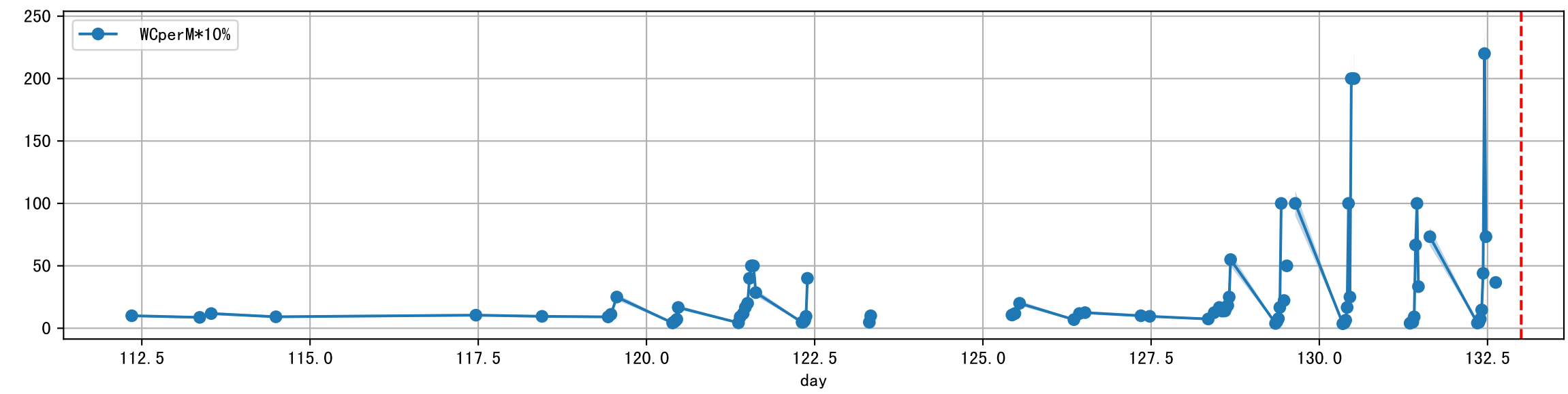


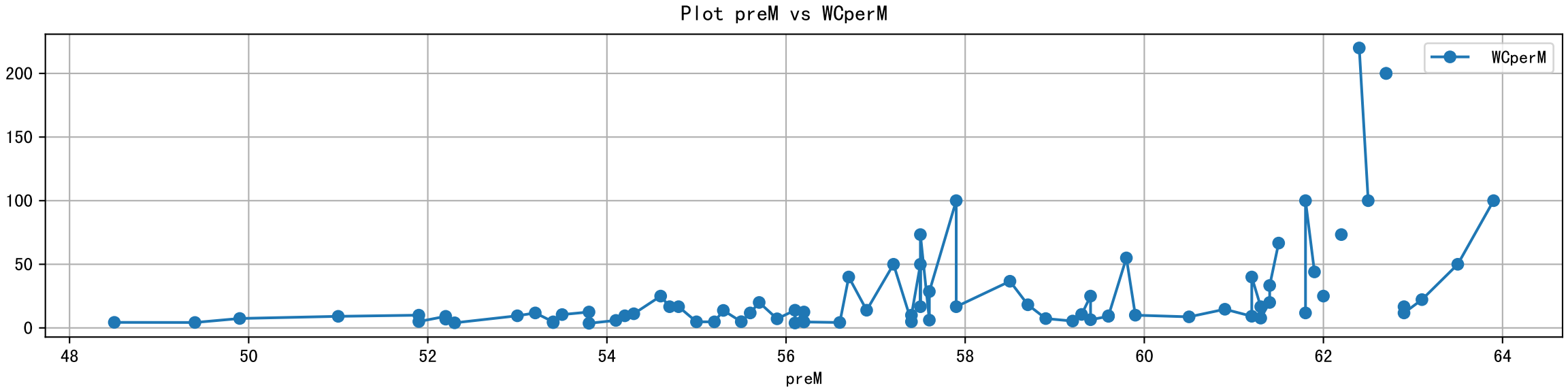




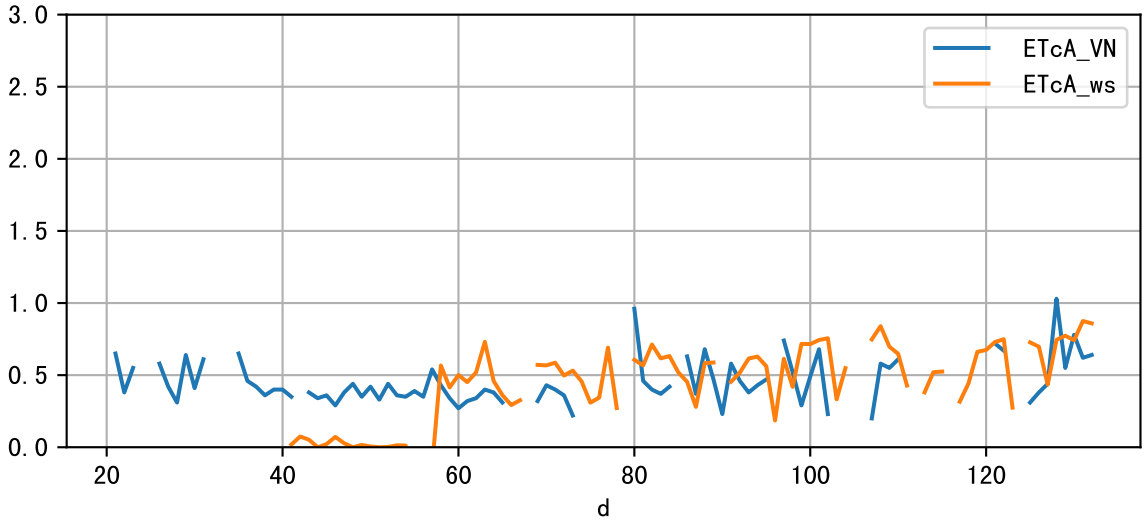


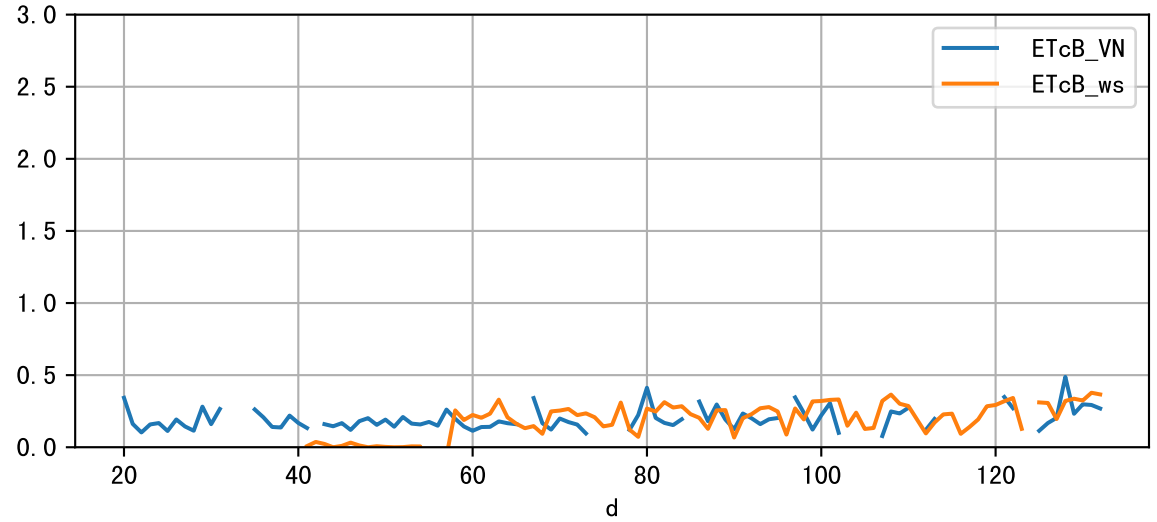


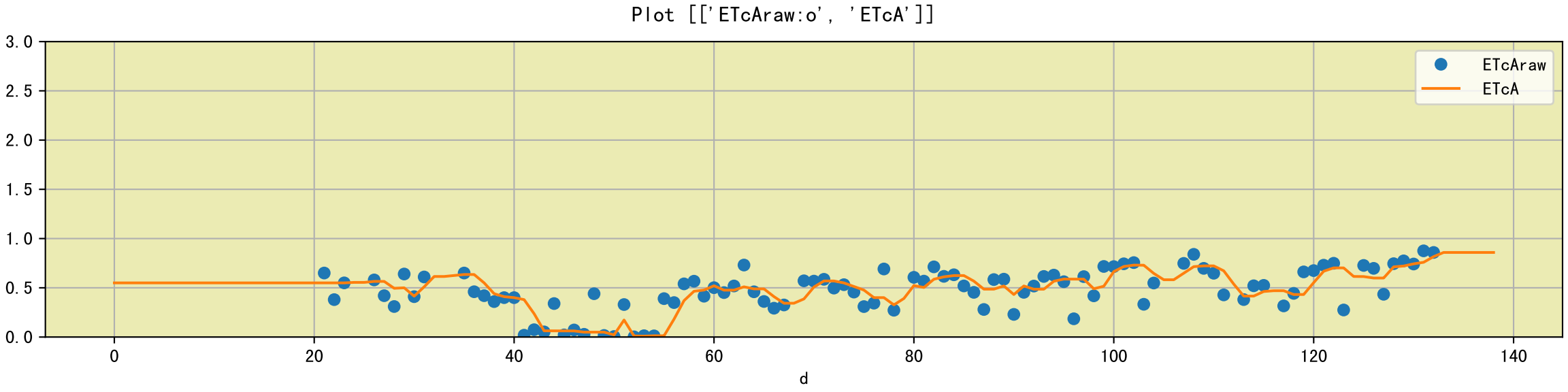


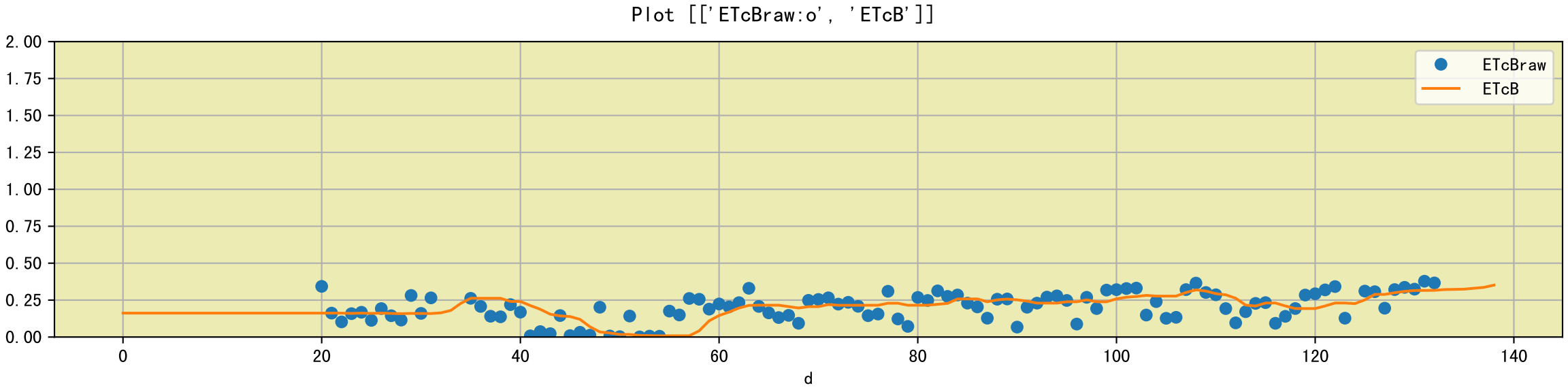

Plot preM vs WCperM
WCperM
200
150
100
50
0
48
50
52
54
56
58
60
62
64
preM

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]

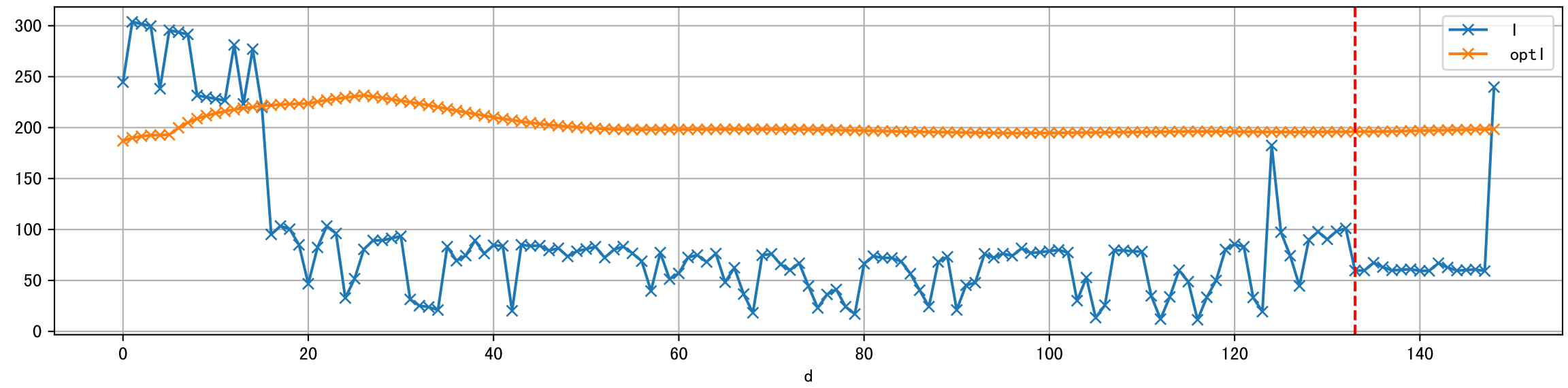


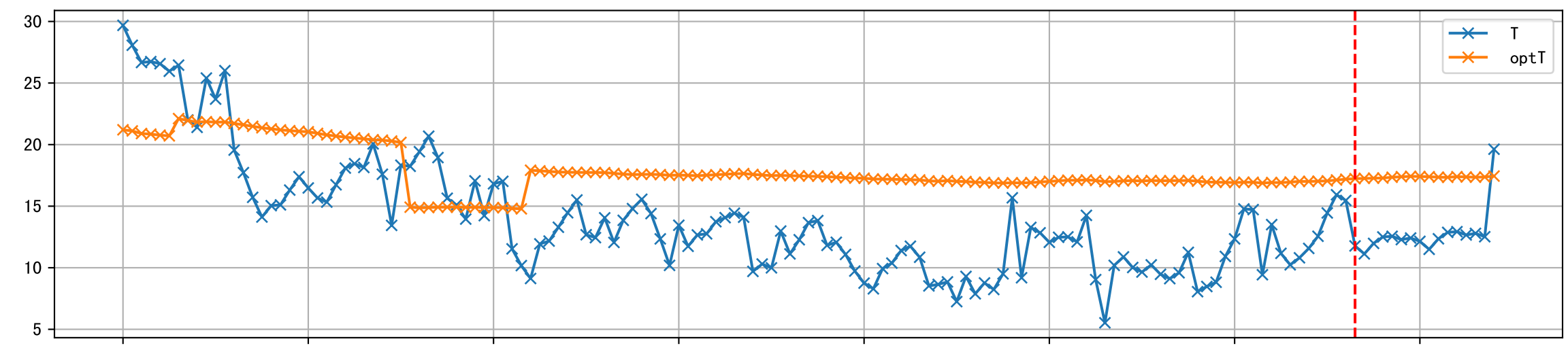


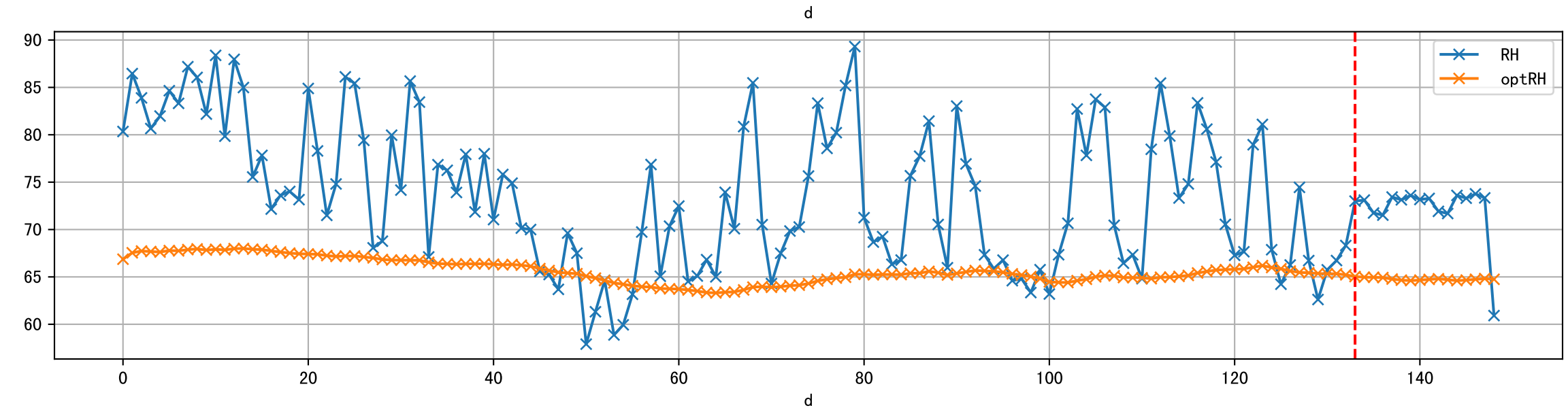

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
20
40
60
80
100
120
140
d
ETcAraw
ETcA

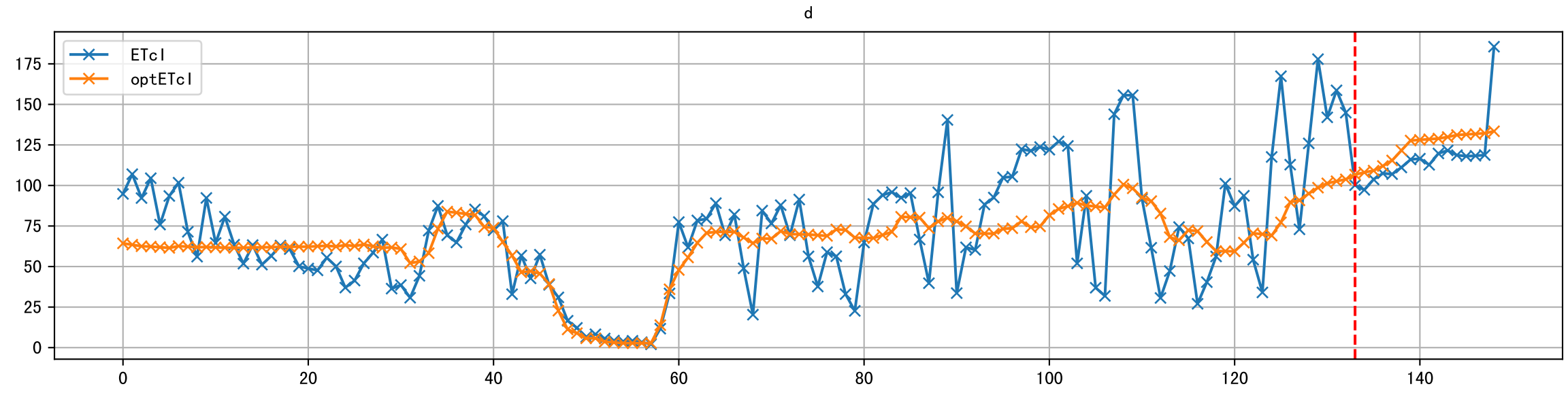

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
20
40
60
80
100
120
140
d
ETcBraw
ETcB

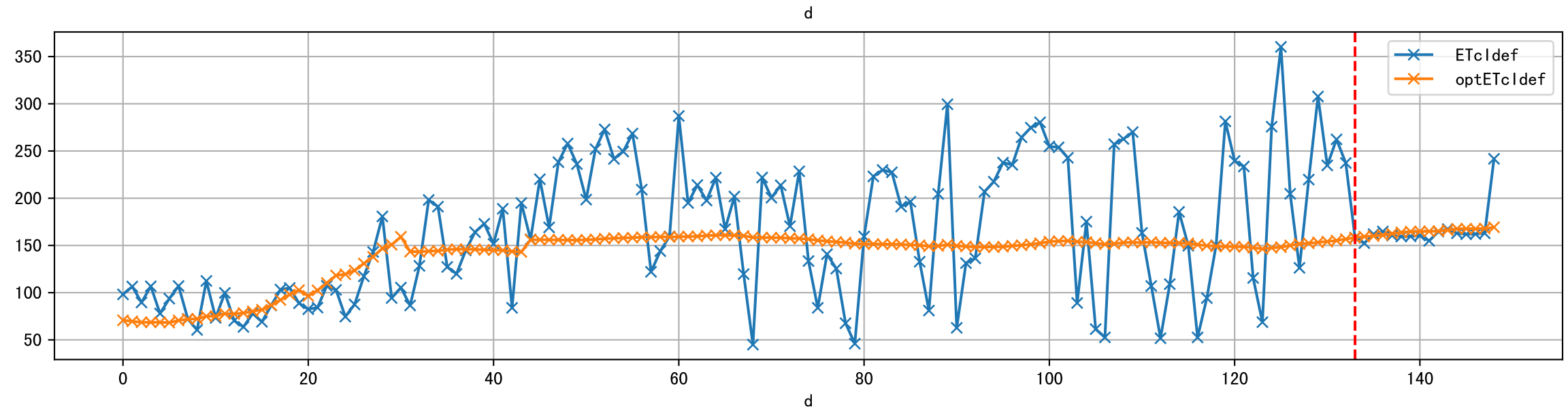
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

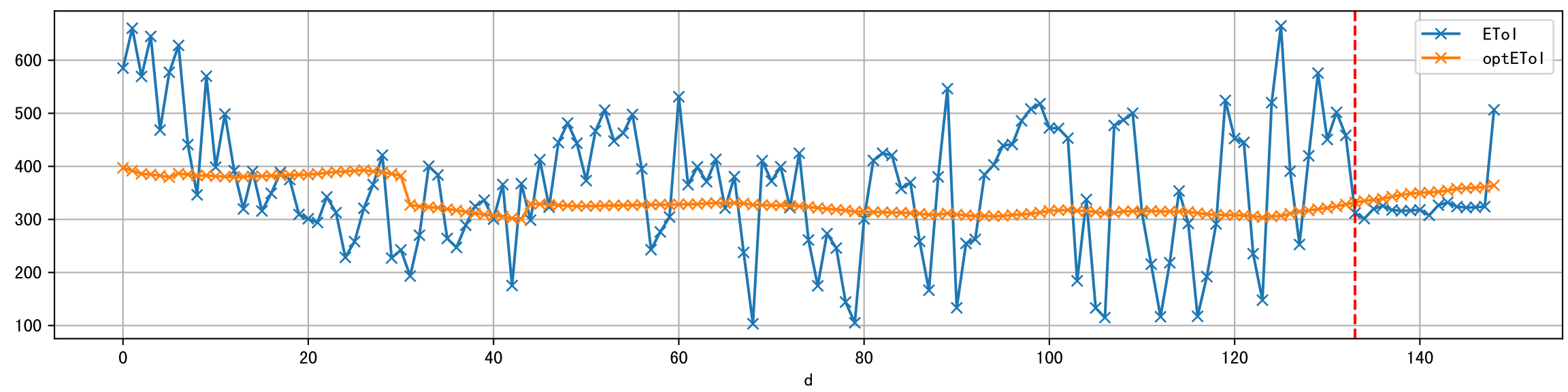


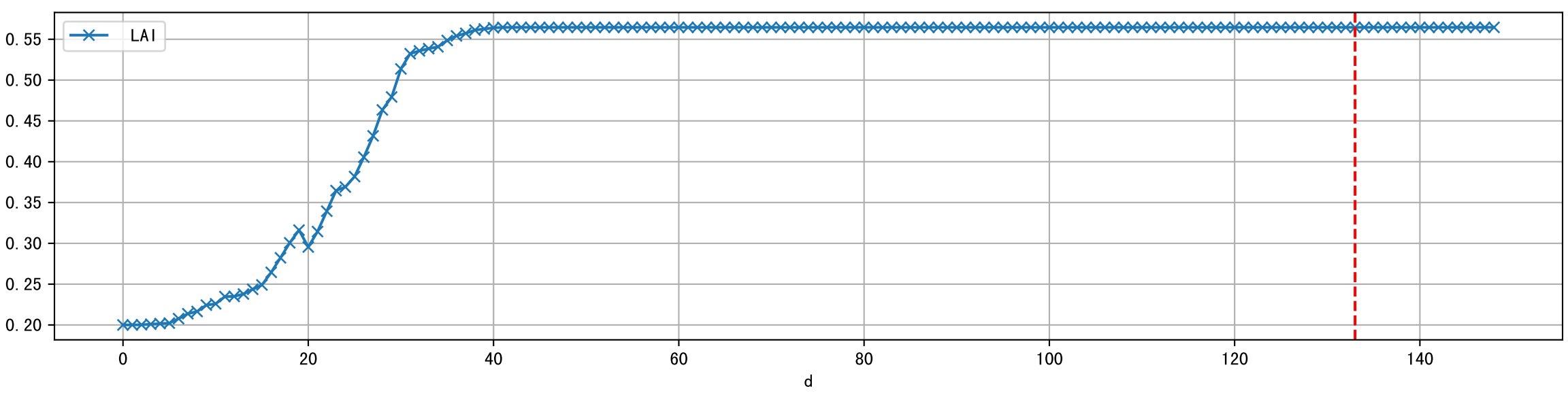


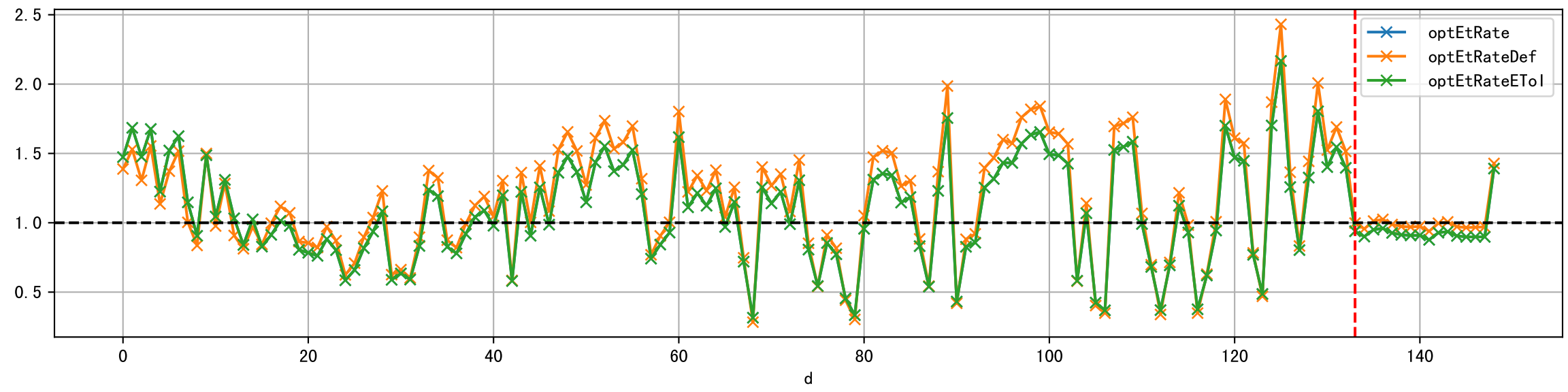


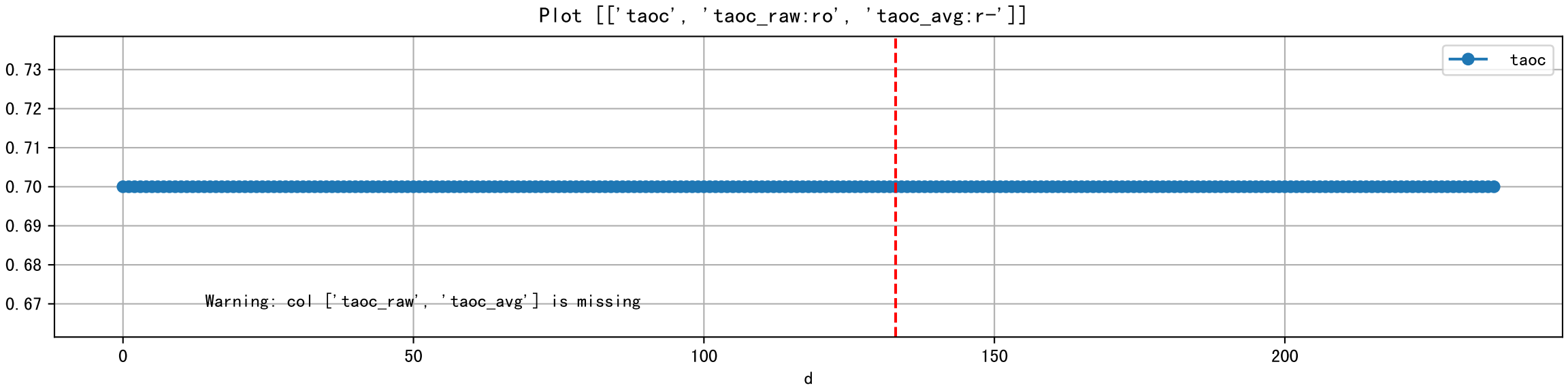


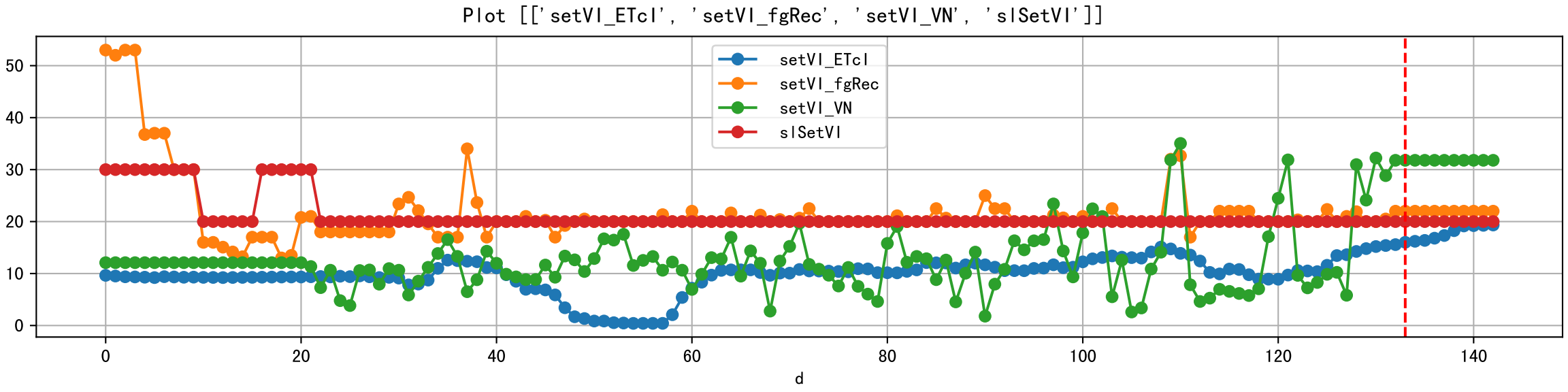


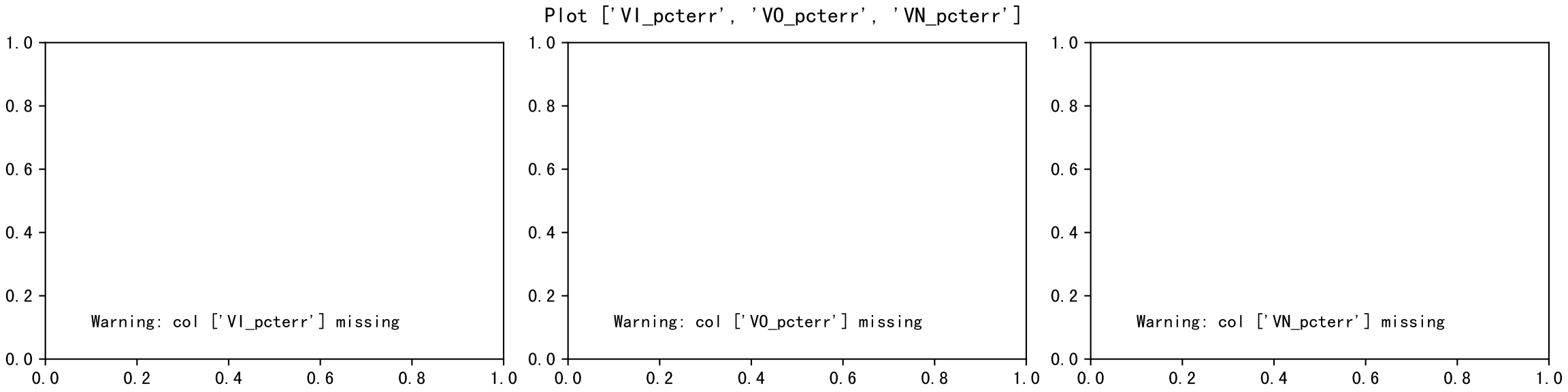


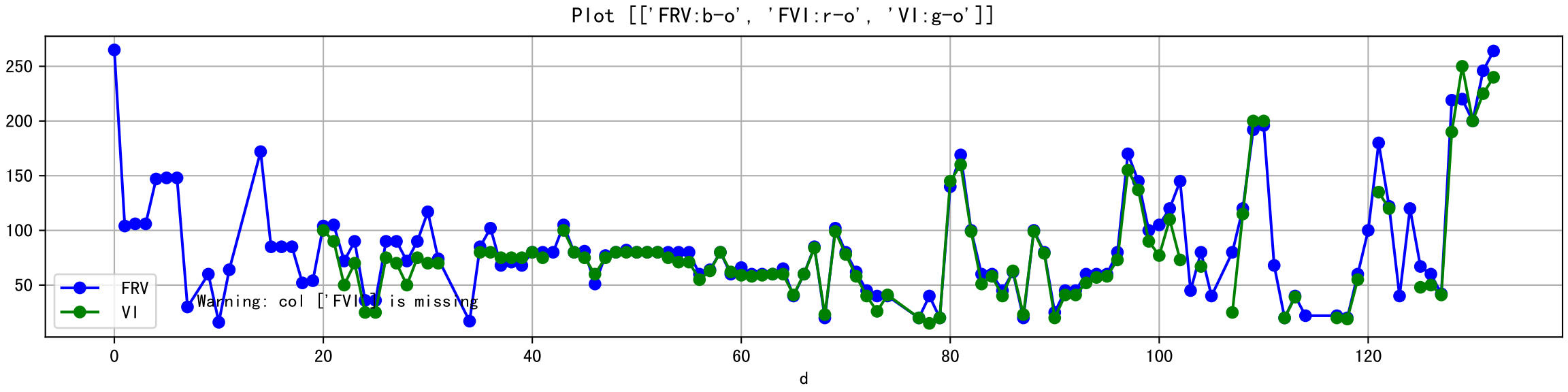


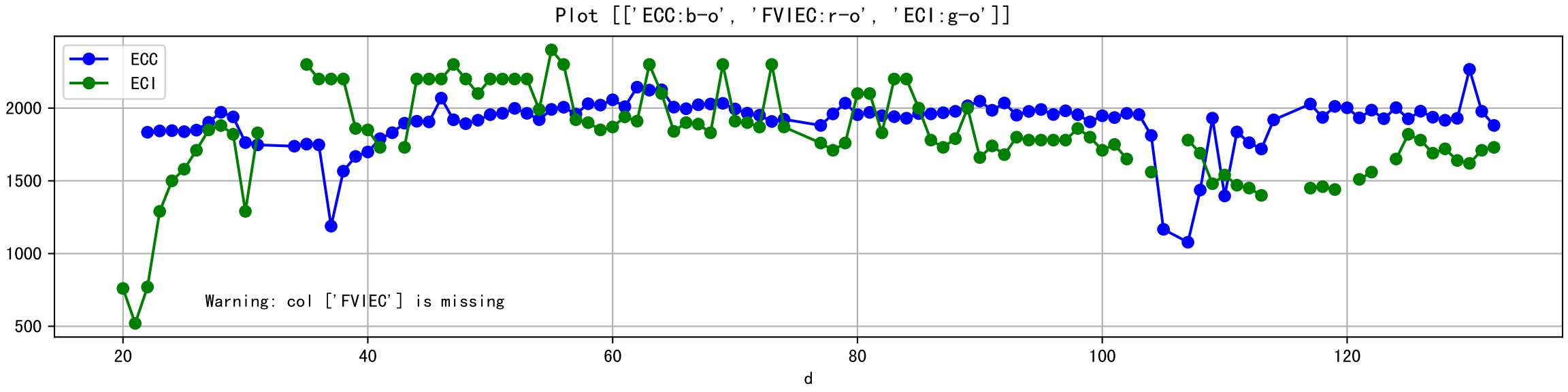


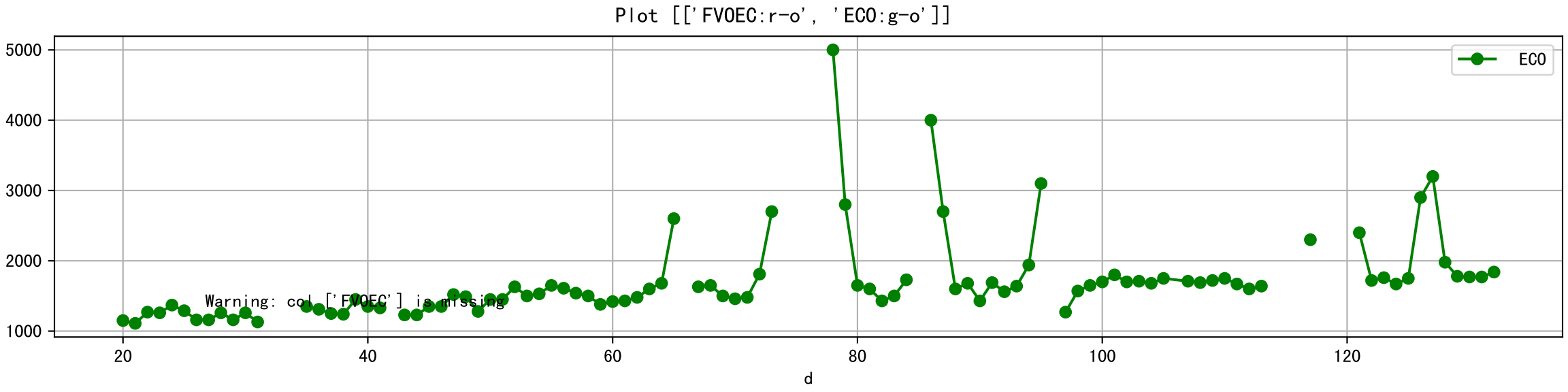

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

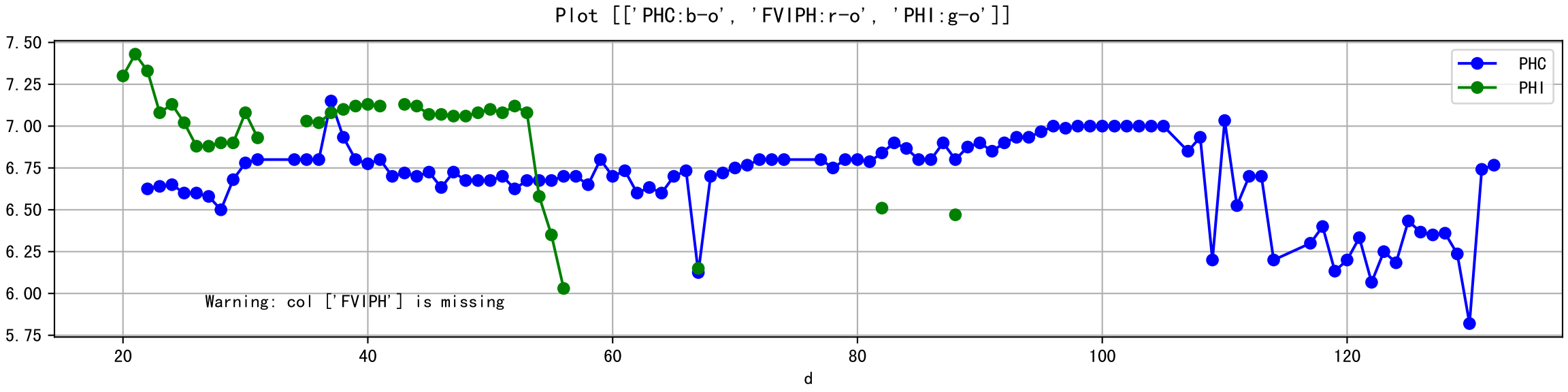

Plot [['setVI_ETcI', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcI
setVI_fgRec
setVI_VN
slSetVI
0
10
20
30
40
50
0
20
40
60
80
100
120
140
d

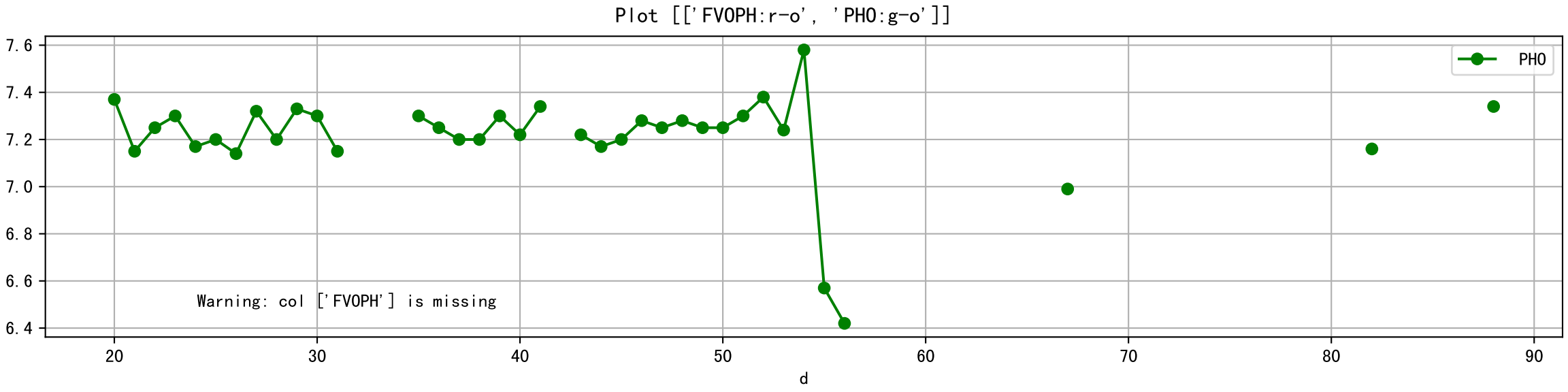

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

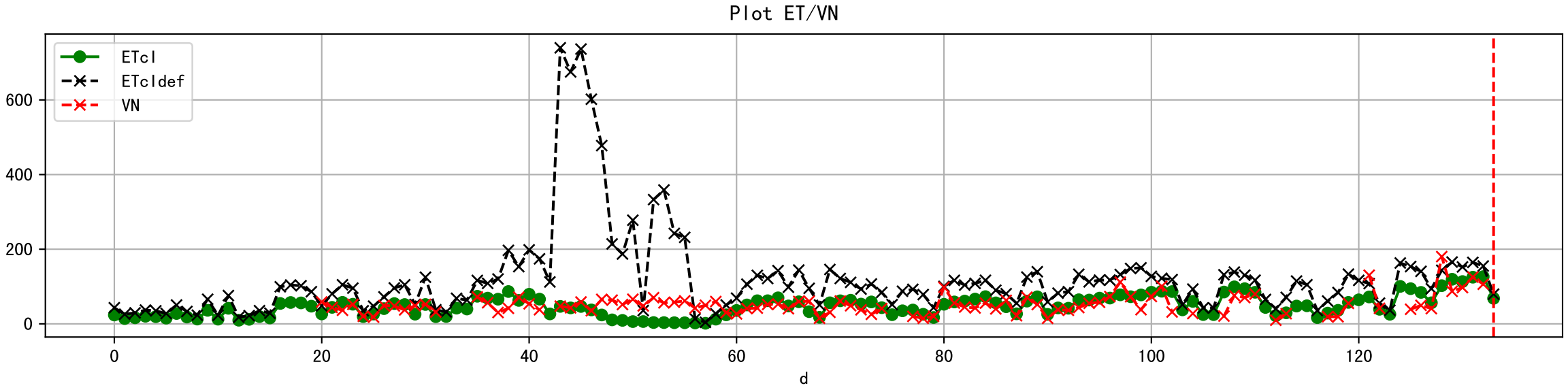

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
250
200
150
100
50
0
20
40
60
80
100
120
d


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

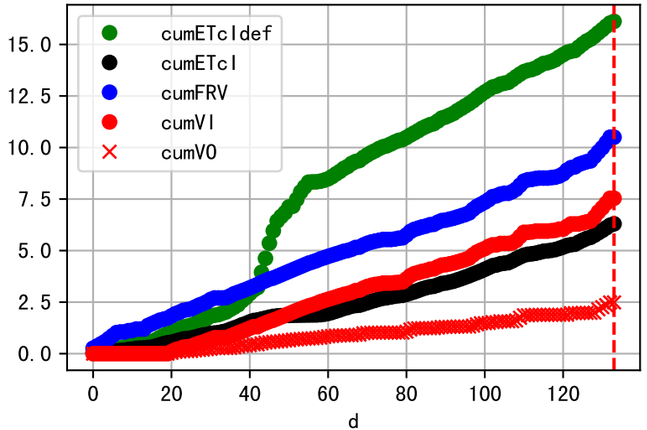

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
5000
4000
3000
2000
1000
20
40
60
80
100
120
d

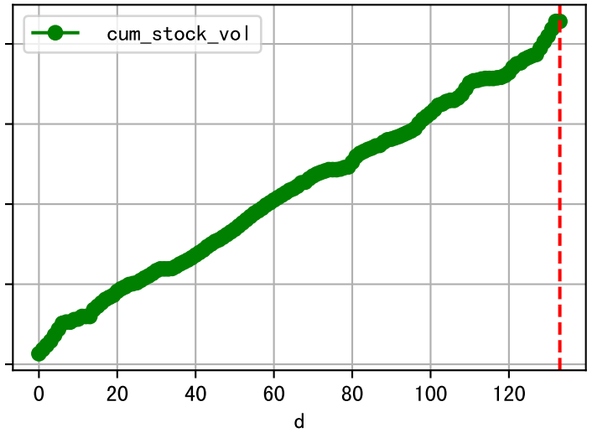

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
7.50
7.25
7.00
6.75
6.50
6.25
6.00
5.75
20
40
60
80
100
120
d
PHC
PHI
Warning: col ['FVIPH'] is missing

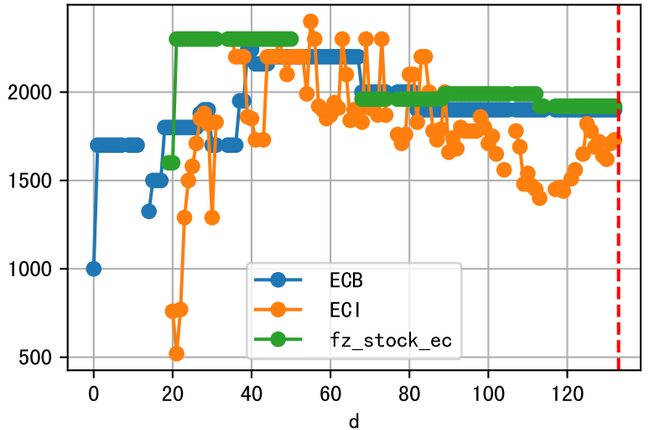

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
Warning: col ['FVOPH'] is missing
7.6
7.4
7.2
7.0
6.8
6.6
6.4
20
30
40
50
60
70
80
90
d

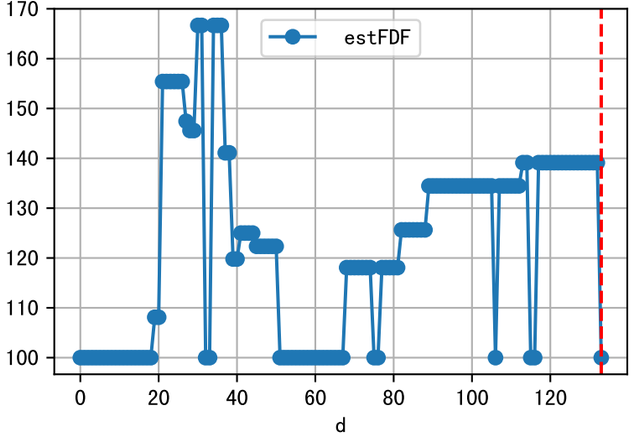

Plot ET/VN
ETcl
ETcldef
VN
600
400
200
0
0
20
40
60
80
100
120
d

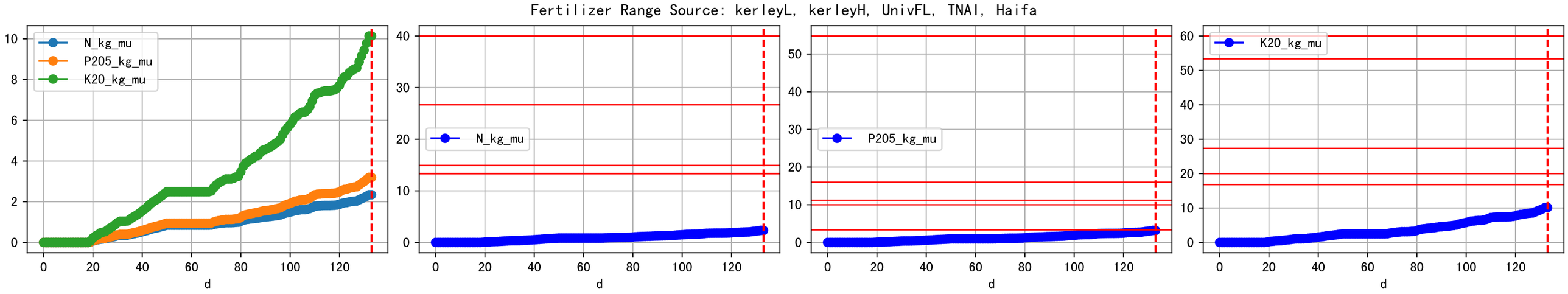
Plot Fv and fertilizer usage

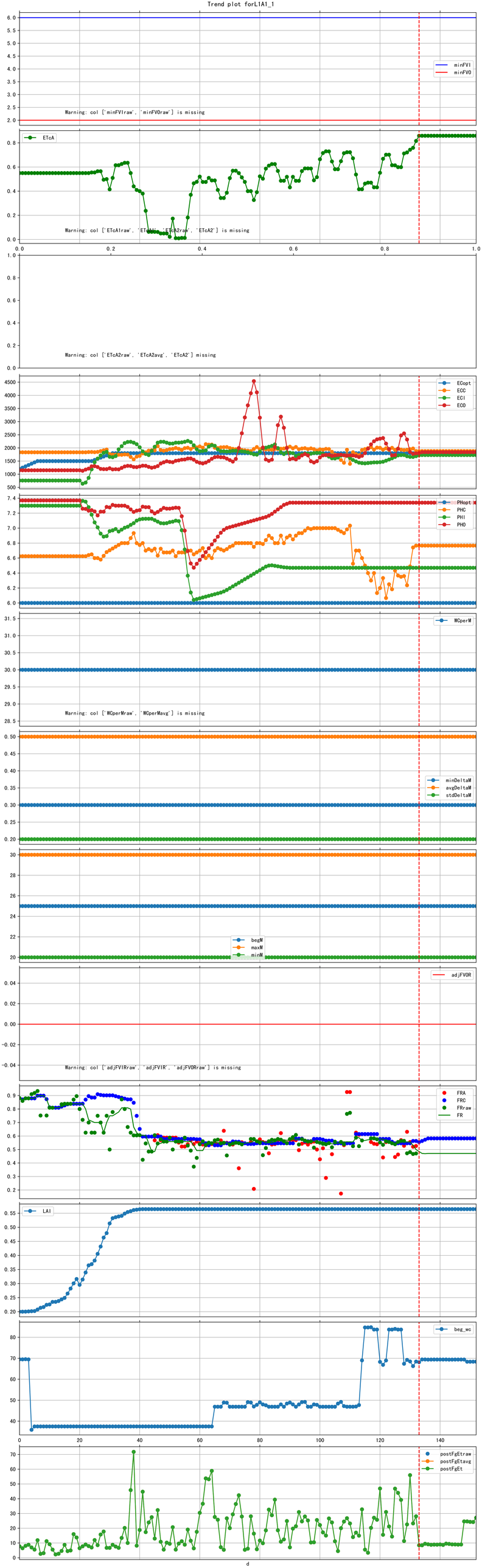


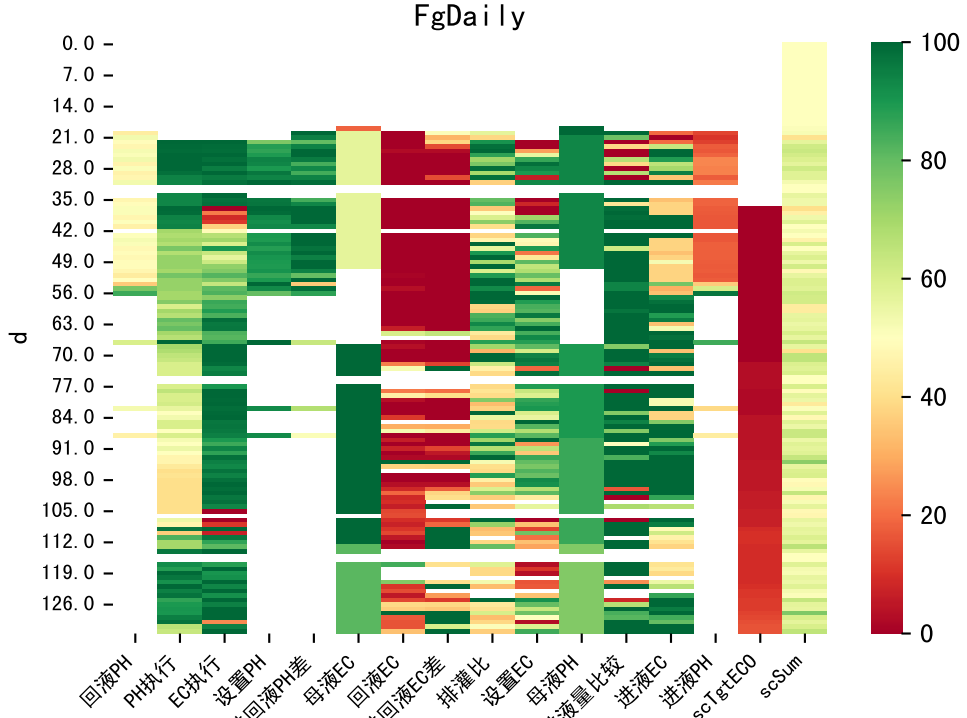




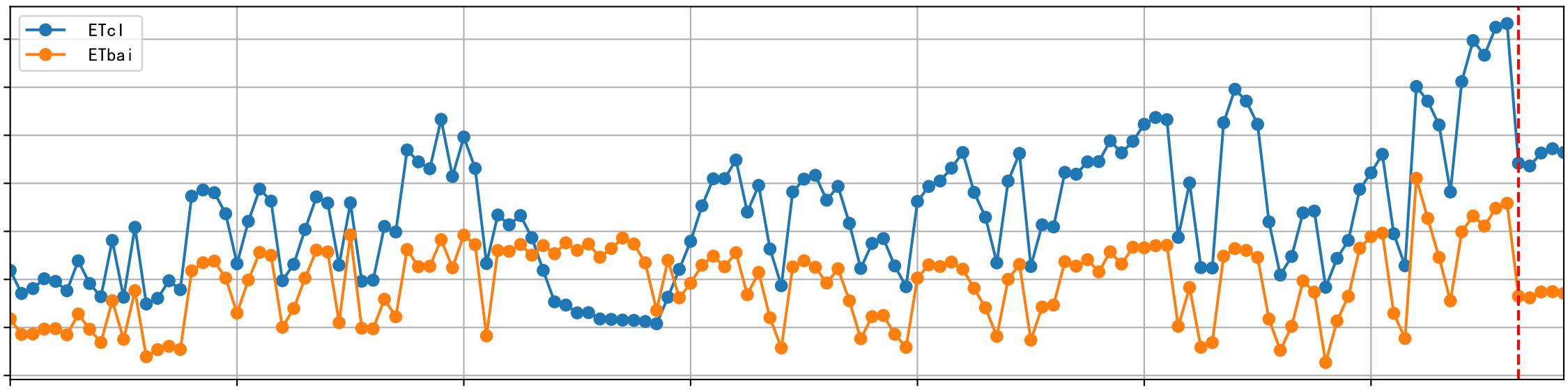


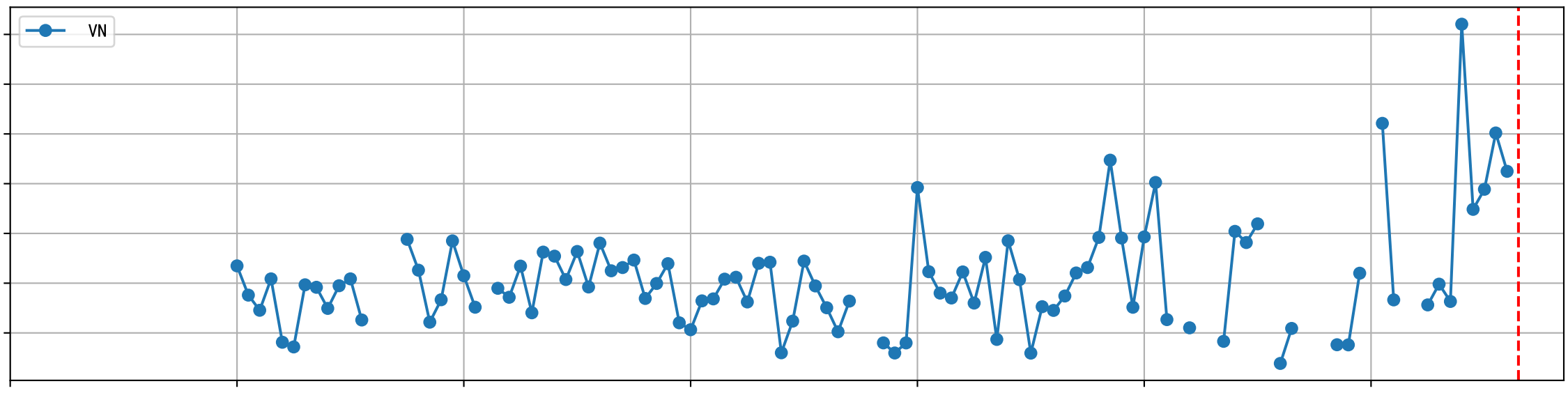

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

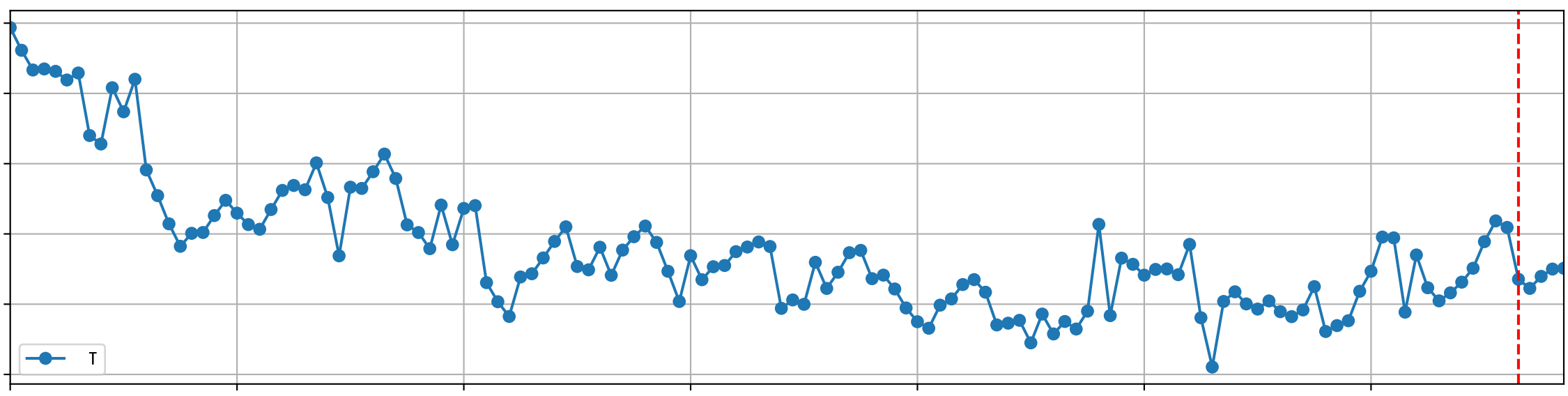

Trend plot forL1A1_1
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] is missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is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

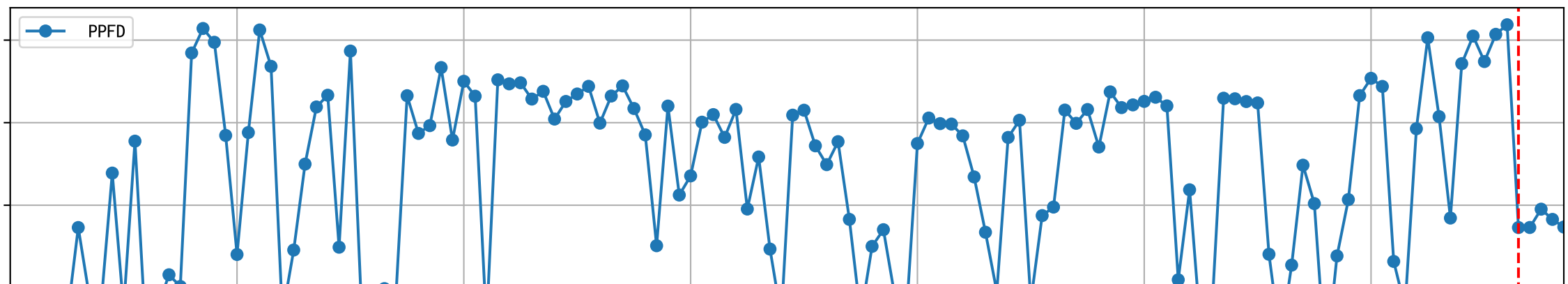

FgDaily
d
0.0
7.0
14.0
21.0
28.0
35.0
42.0
49.0
56.0
63.0
70.0
77.0
84.0
91.0
98.0
105.0
112.0
119.0
126.0
回液PH
PH执行
EC执行
设置PH
回液PH差
母液EC
回液EC
回液EC差
排灌比
设置EC
母液PH
液量比较
进液EC
进液PH
scTgtEC0
scSum
100
80
60
40
20
0

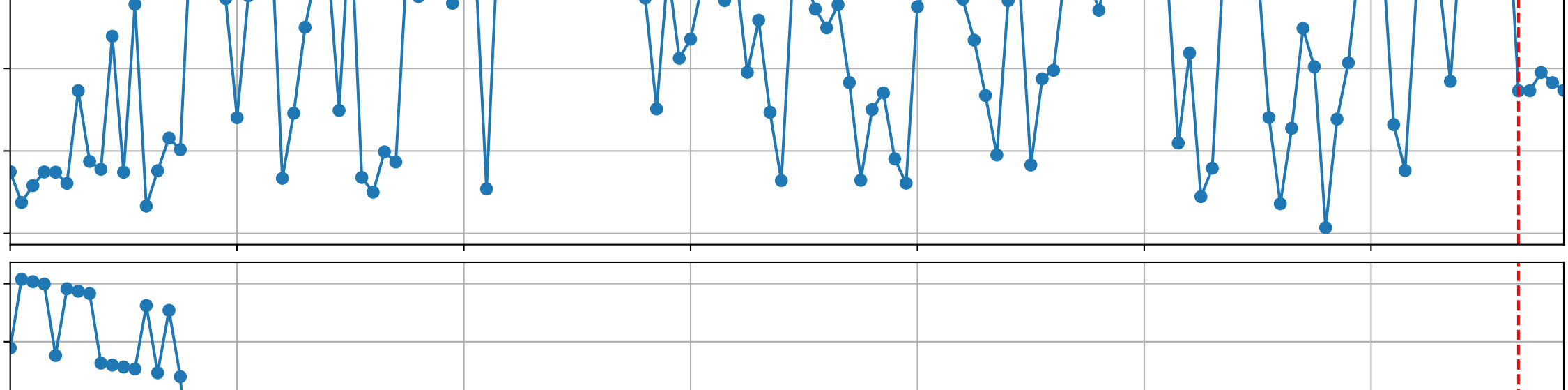
L1A1_1

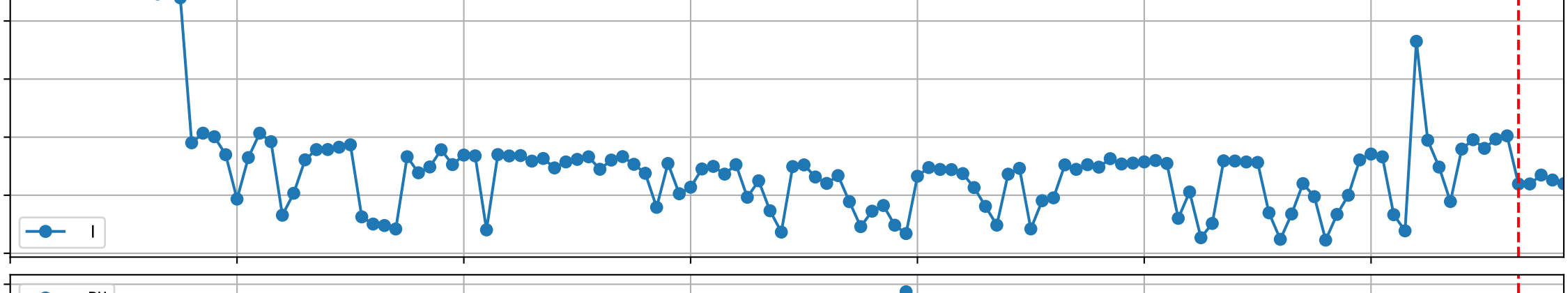


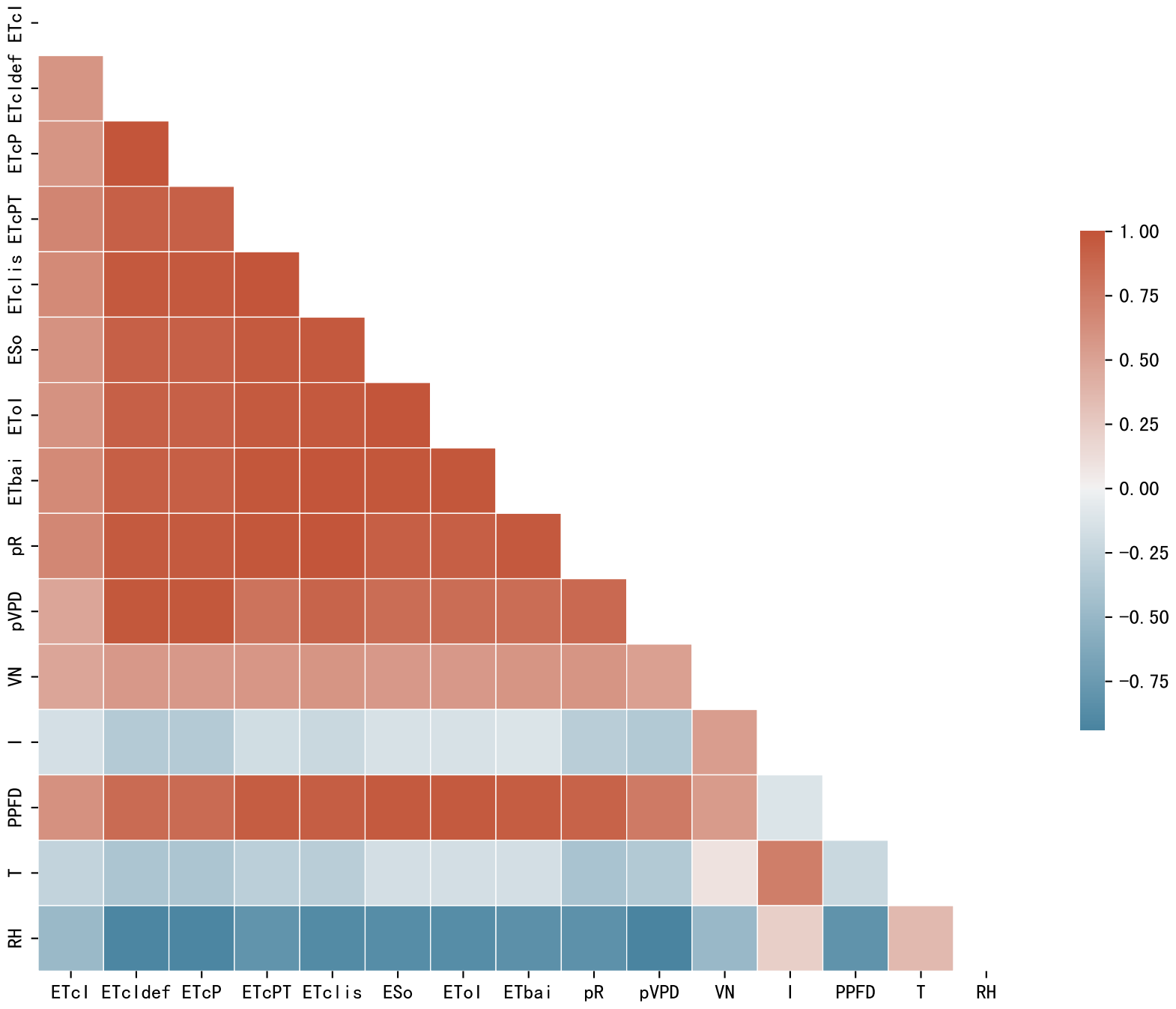


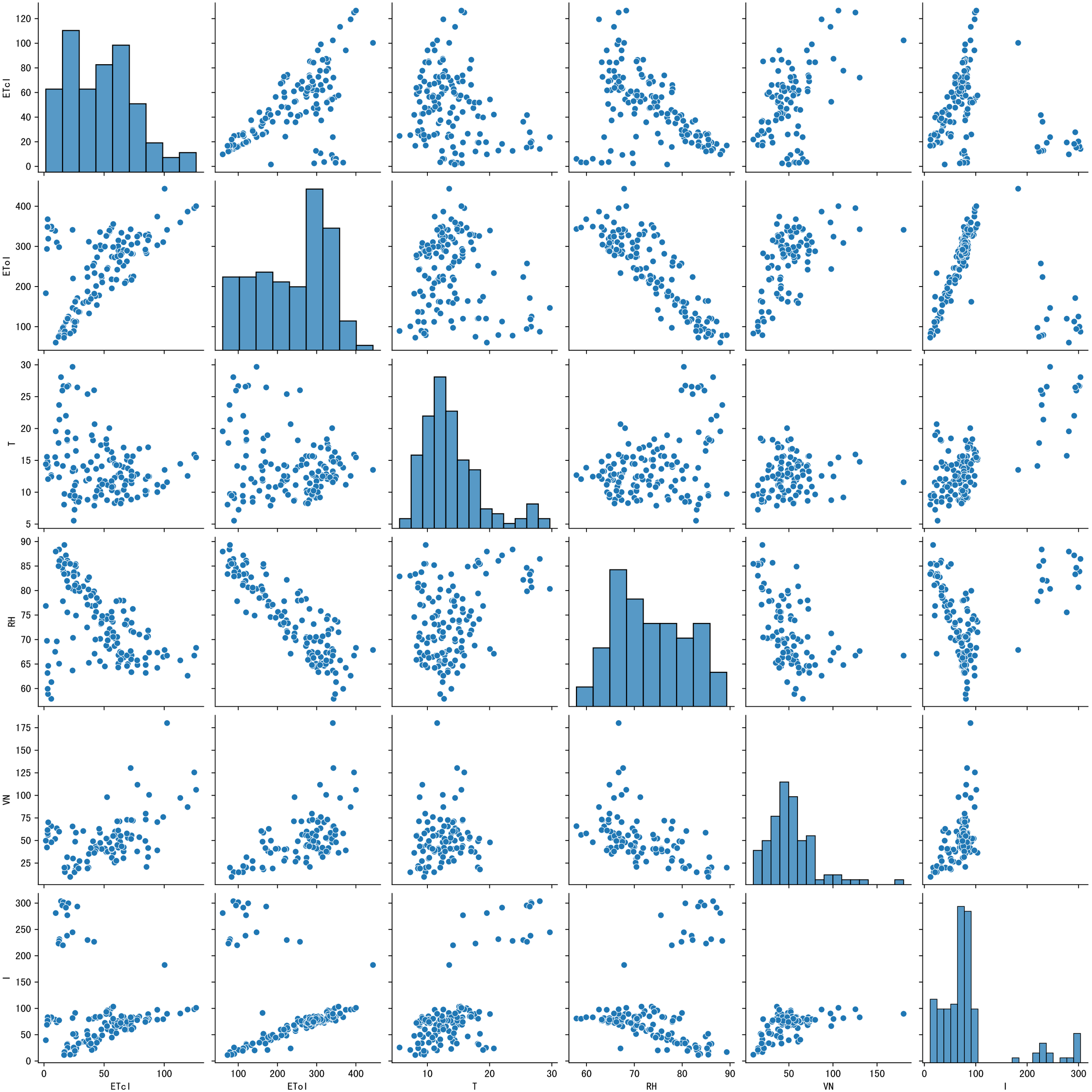


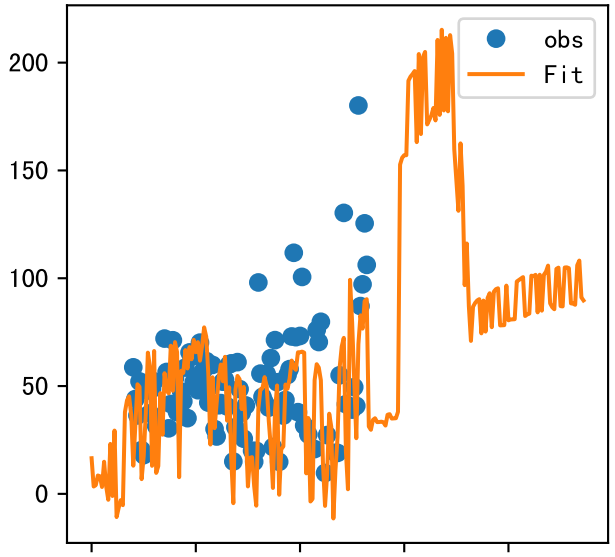


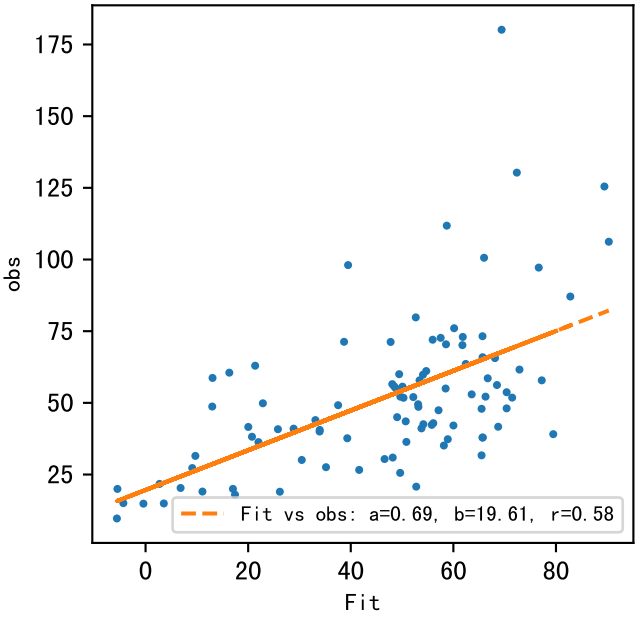




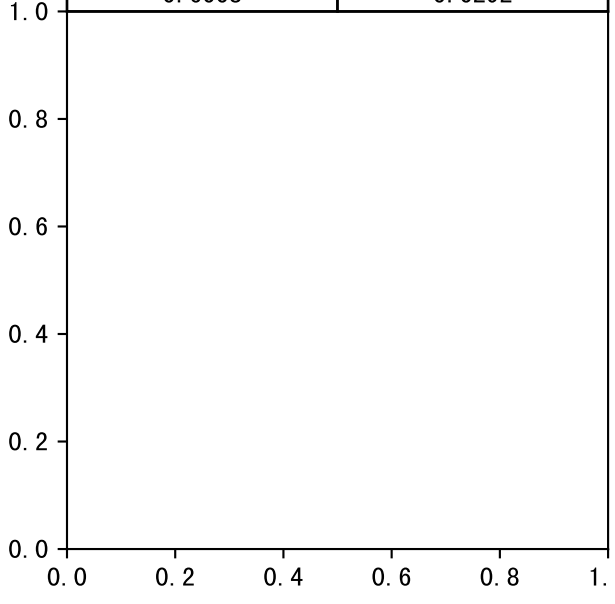

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

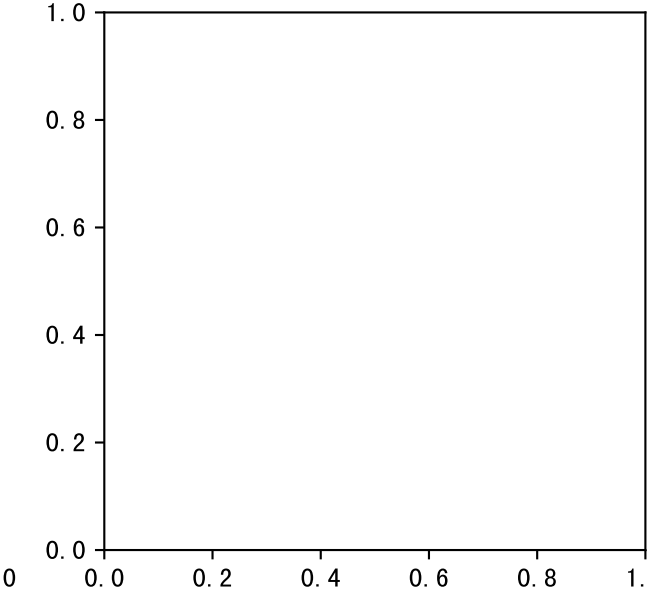

ETcl
ETol
T
RH
VN
I

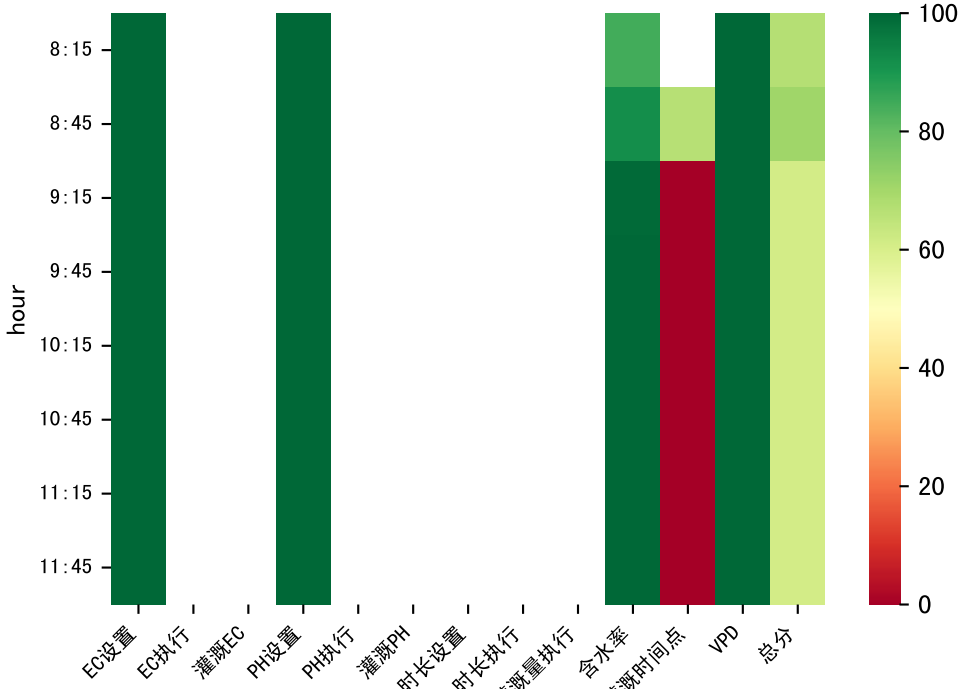




baiA	baiB
0.6008	0.0292

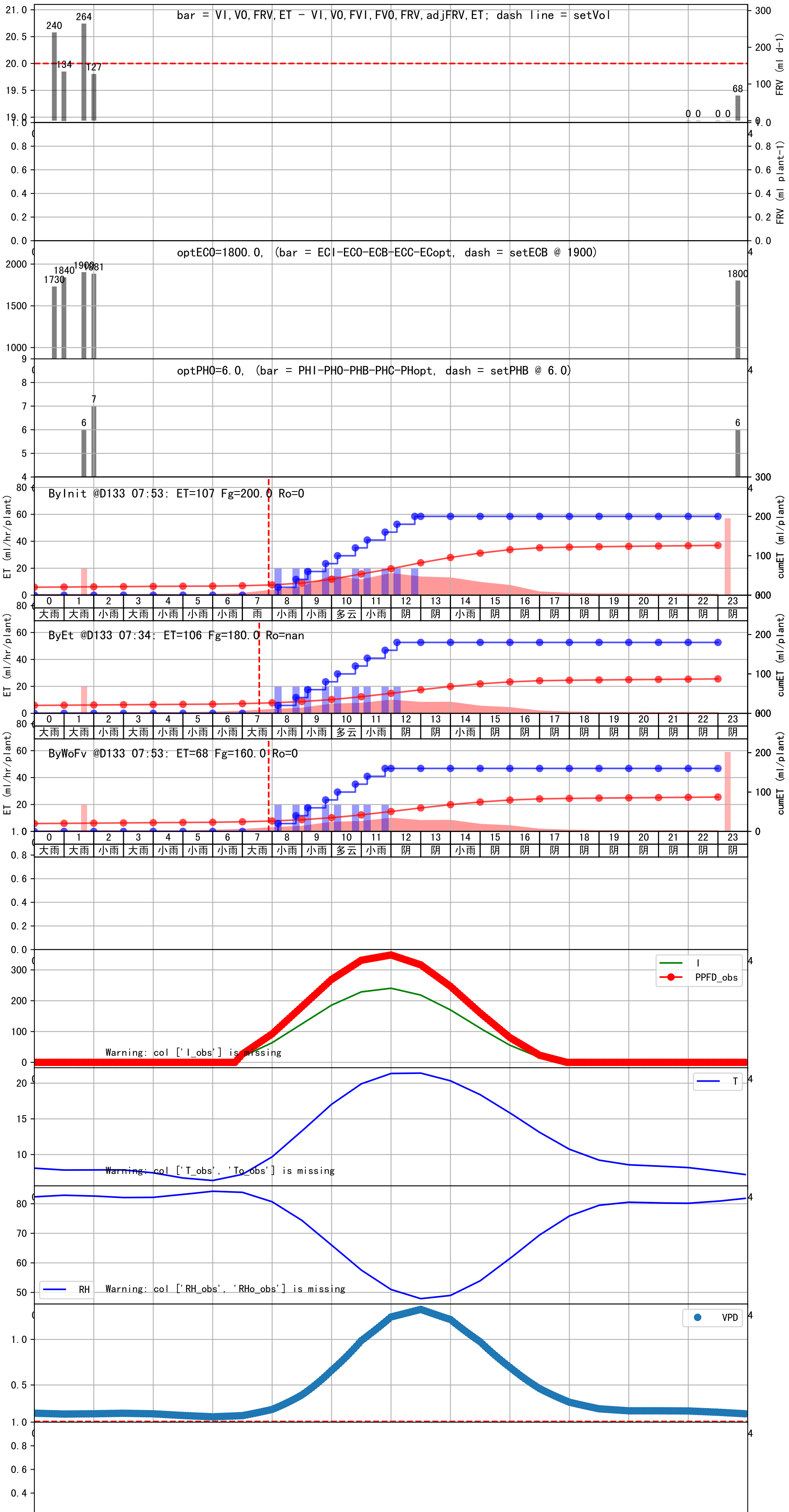


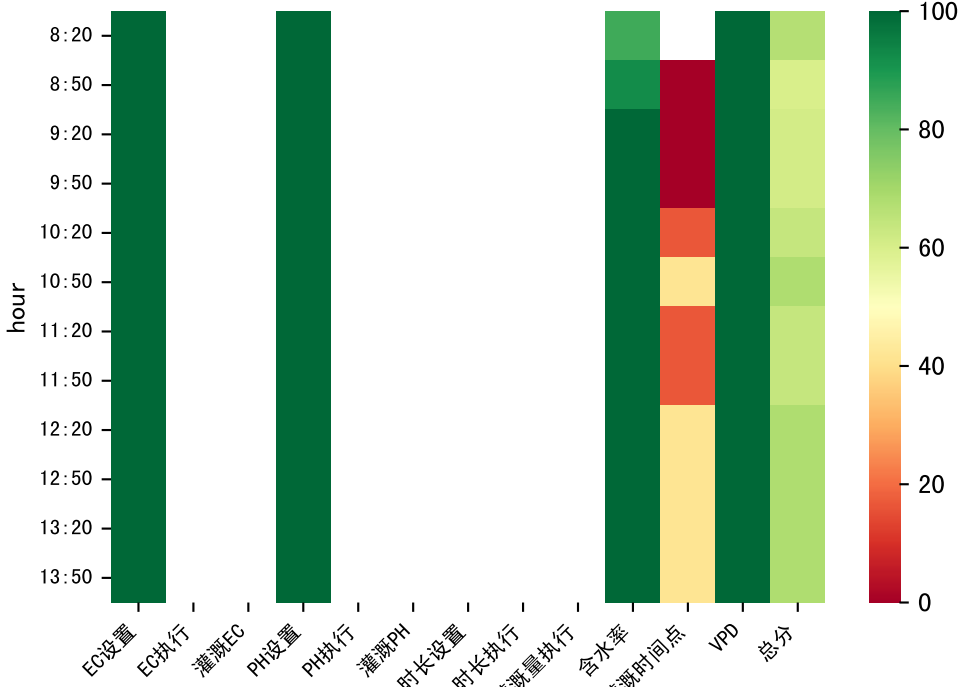



hour
8:15
8:45
9:15
9:45
10:15
10:45
11:15
11:45
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
含水率
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:15	41	20.0	0.081	小雨	预期@08:15 自主（未用传感器）
08:45	41	20.0	0.081	小雨	预期@08:45 自主（未用传感器）
09:15	41	20.0	0.081	小雨	预期@09:15 自主（未用传感器）
09:45	41	20.0	0.081	小雨	预期@09:45 自主（未用传感器）
10:15	41	20.0	0.081	多云	预期@10:15 自主（未用传感器）
10:45	41	20.0	0.081	多云	预期@10:45 自主（未用传感器）
11:15	41	20.0	0.081	小雨	预期@11:15 自主（未用传感器）
11:45	41	20.0	0.081	小雨	预期@11:45 自主（未用传感器）
总计	328.0 (8次)	160.0			建议进液EC：1900， PH：6.0

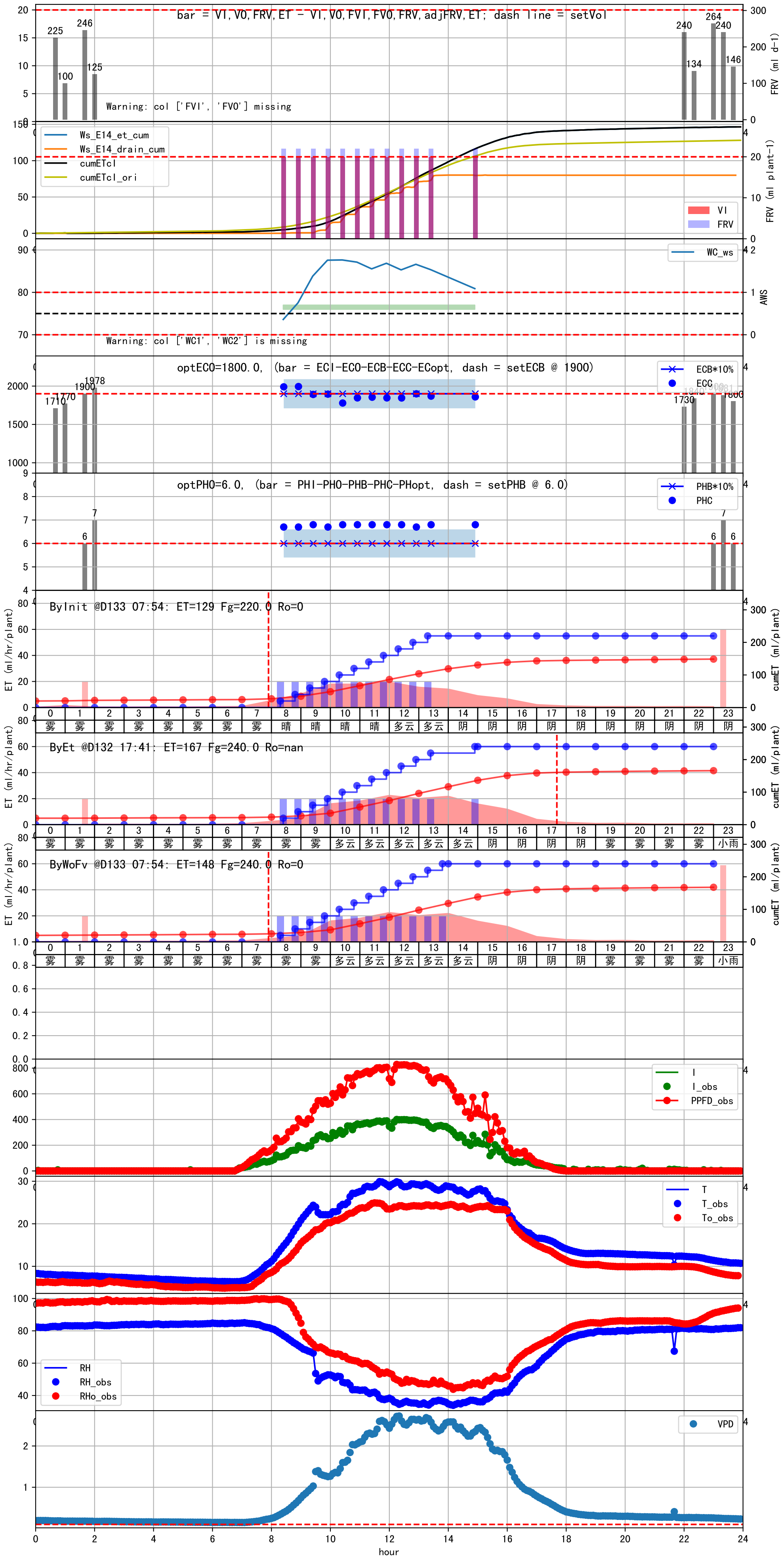
L1A1_1, Day=133 (2026-02-16)

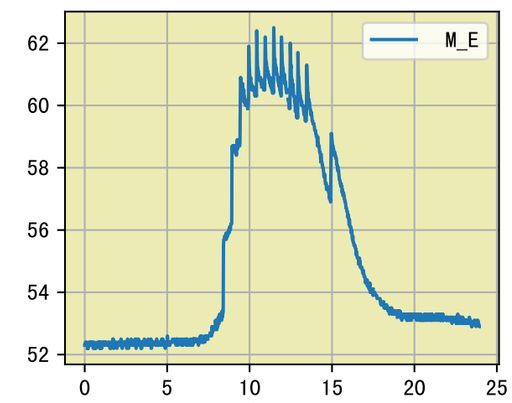


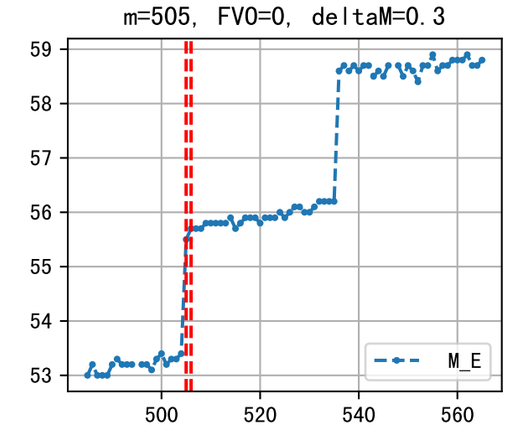

hour
8:20
8:50
9:20
9:50
10:20
10:50
11:20
11:50
12:20
12:50
13:20
13:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

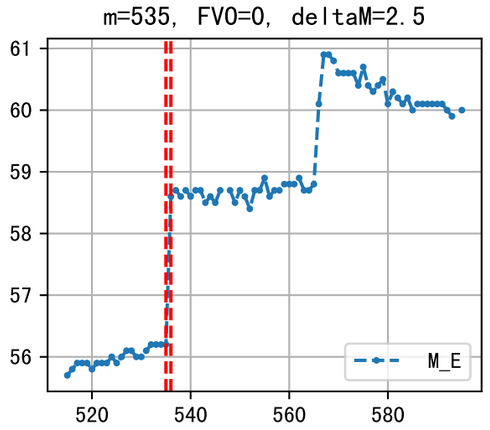
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	38	20.0	0.081	雾	假设@08:20 未知程序（未用传感器）
08:50	38	20.0	0.081	雾	假设@08:50 未知程序（未用传感器）
09:20	38	20.0	0.081	雾	假设@09:20 未知程序（未用传感器）
09:50	38	20.0	0.081	雾	假设@09:50 未知程序（未用传感器）
10:20	38	20.0	0.081	多云	假设@10:20 未知程序（未用传感器）
10:50	38	20.0	0.081	多云	假设@10:50 未知程序（未用传感器）
11:20	38	20.0	0.081	多云	假设@11:20 未知程序（未用传感器）
11:50	38	20.0	0.081	多云	假设@11:50 未知程序（未用传感器）
12:20	38	20.0	0.081	多云	假设@12:20 未知程序（未用传感器）
12:50	38	20.0	0.081	多云	假设@12:50 未知程序（未用传感器）
13:20	38	20.0	0.081	多云	假设@13:20 未知程序（未用传感器）
13:50	38	20.0	0.081	多云	假设@13:50 未知程序（未用传感器）
总计	456.0 (12次)	240.0			建议进液EC：1900， PH：6.0

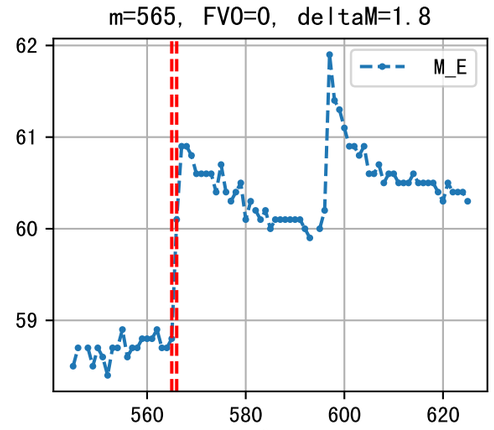
L1A1_1, Day=132.0 (2026-02-15)

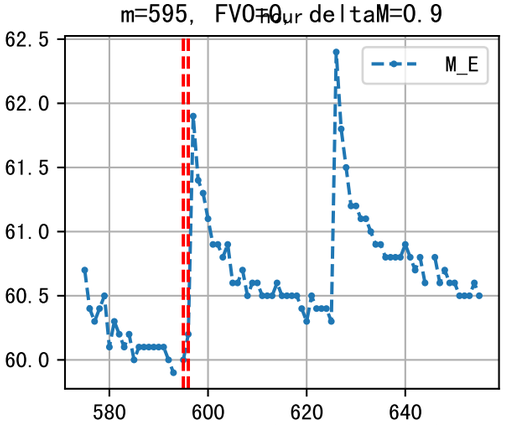


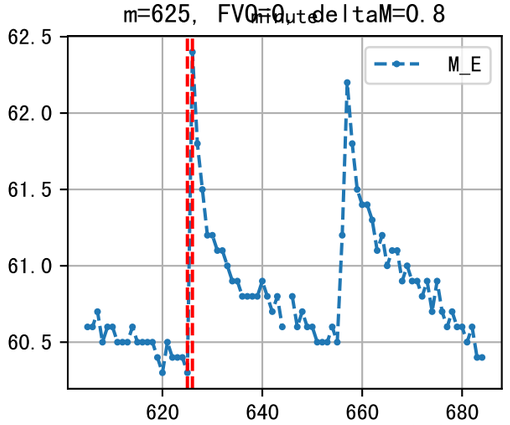

M_E

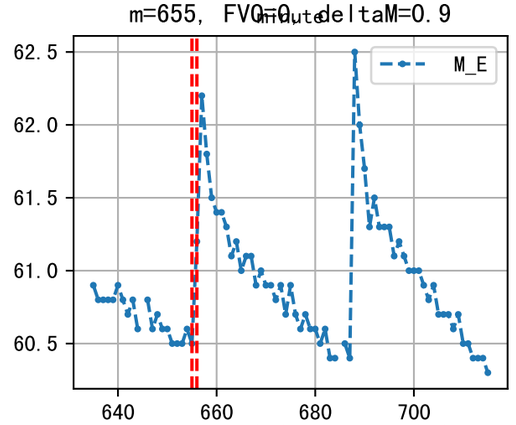

m=505, FVO=0, deltaM=0.3
M_E

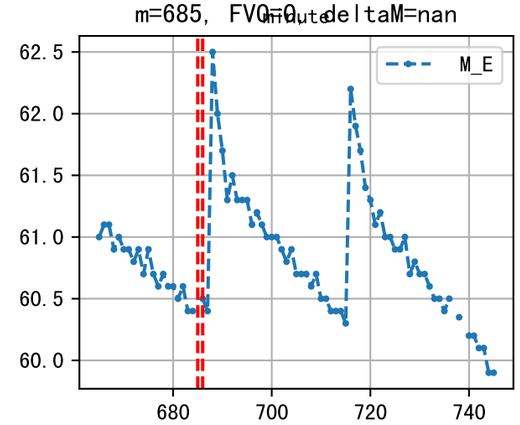

m=535, FVO=0, deltaM=2.5
M_E

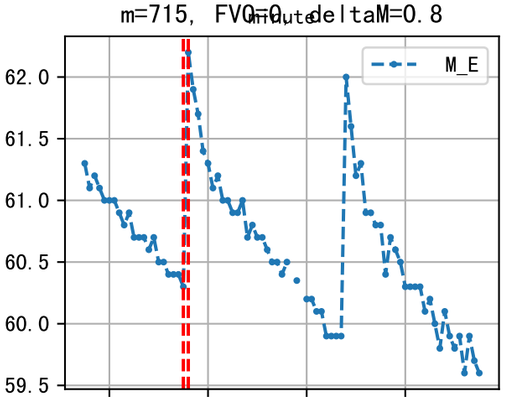

m=565, FVO=0, deltaM=1.8
M_E

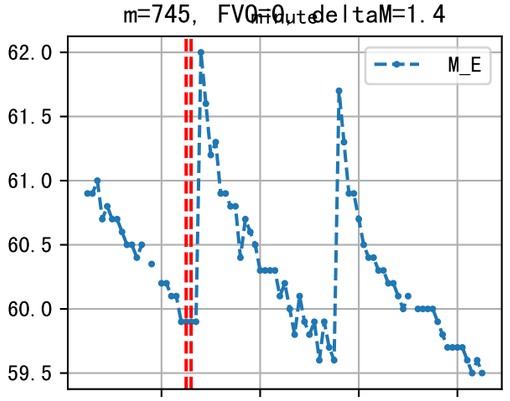

m=595, FVO=0, deltaM=0.9
M_E
hour

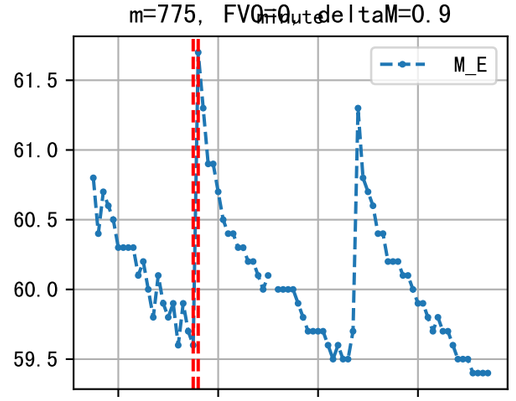

m=625, FVO=0, deltaM=0.8
M_E
minute

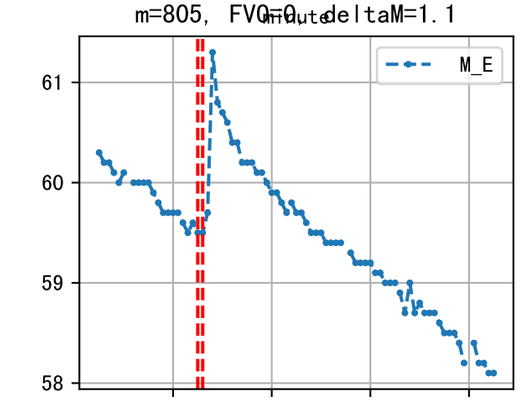

m=655, FVO=0, deltaM=0.9
M_E
minute

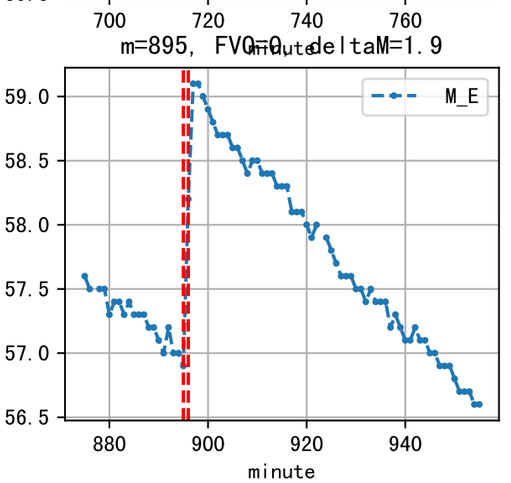

m=685, FVO=0, deltaM=nan
M_E
minute

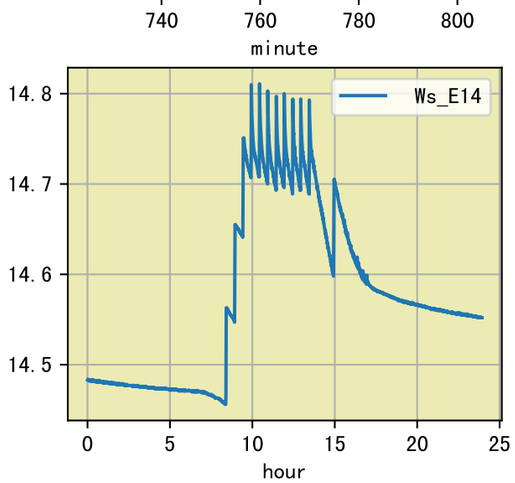

m=715, FVO=0, deltaM=0.8
M_E
minute

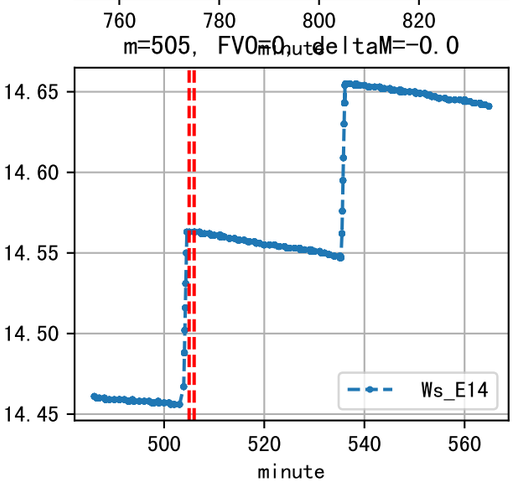

m=745, FVO=0, deltaM=1.4
M_E
minute

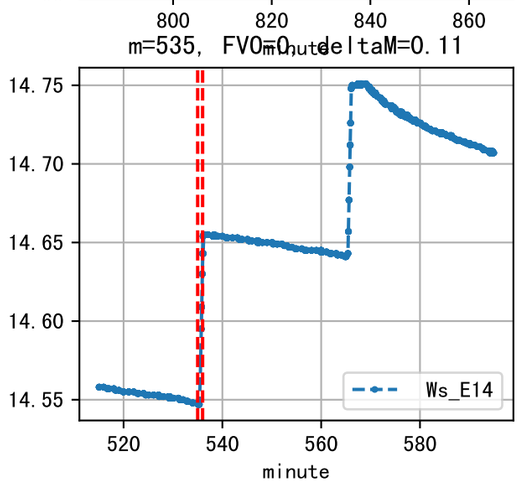

m=775, FVO=0, deltaM=0.9
M_E
minute

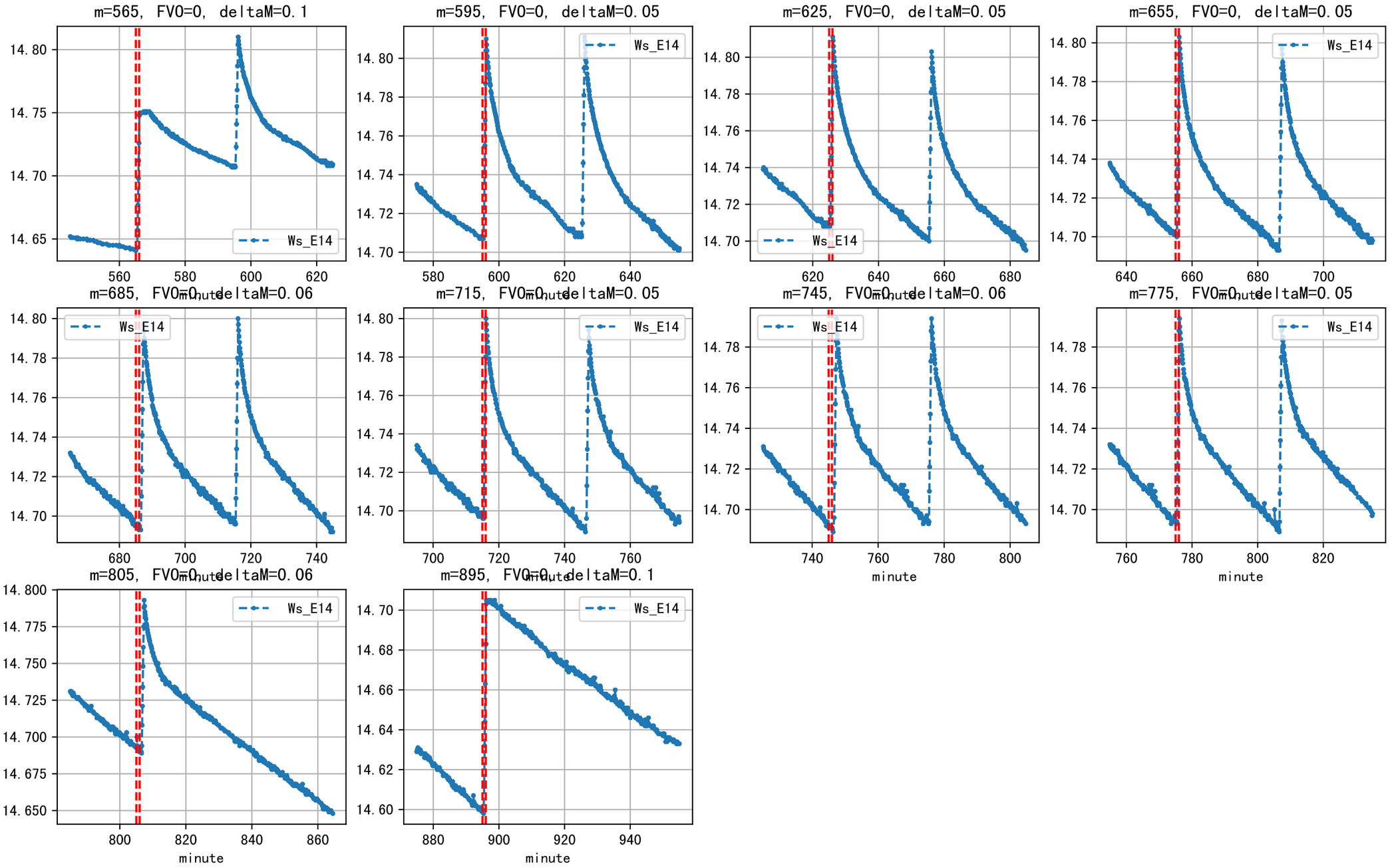

m=805, FVO=0, deltaM=1.1
M_E
minute

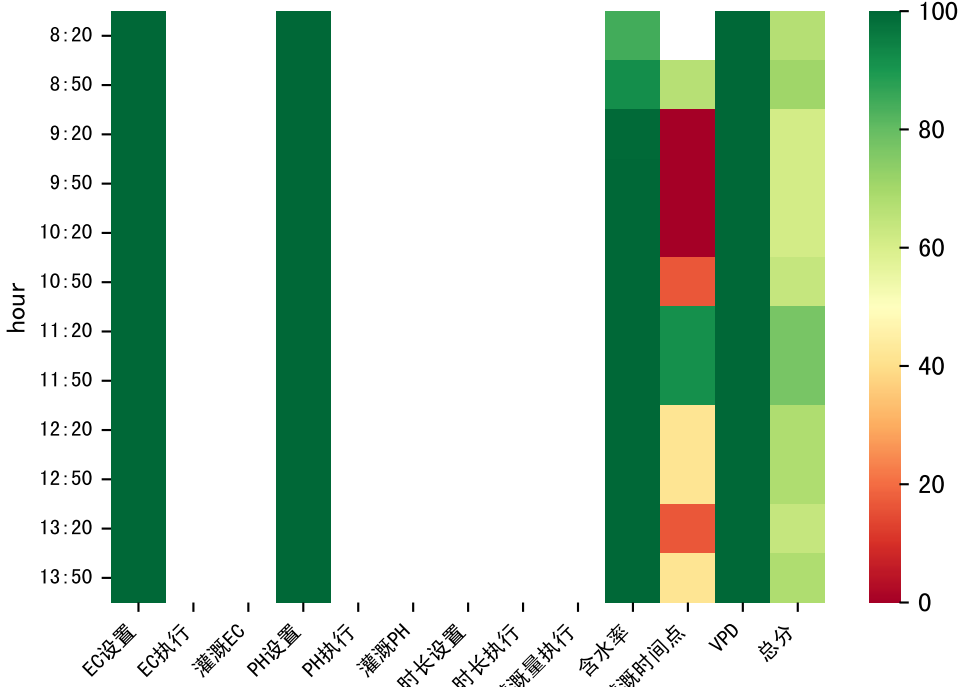

m=895, FVO=0, deltaM=1.9
M_E
minute


Ws_E14
hour


m=505, FVO=0, deltaM=-0.0
Ws_E14
minute


m=535, FVO=0, deltaM=0.11
Ws_E14
minute

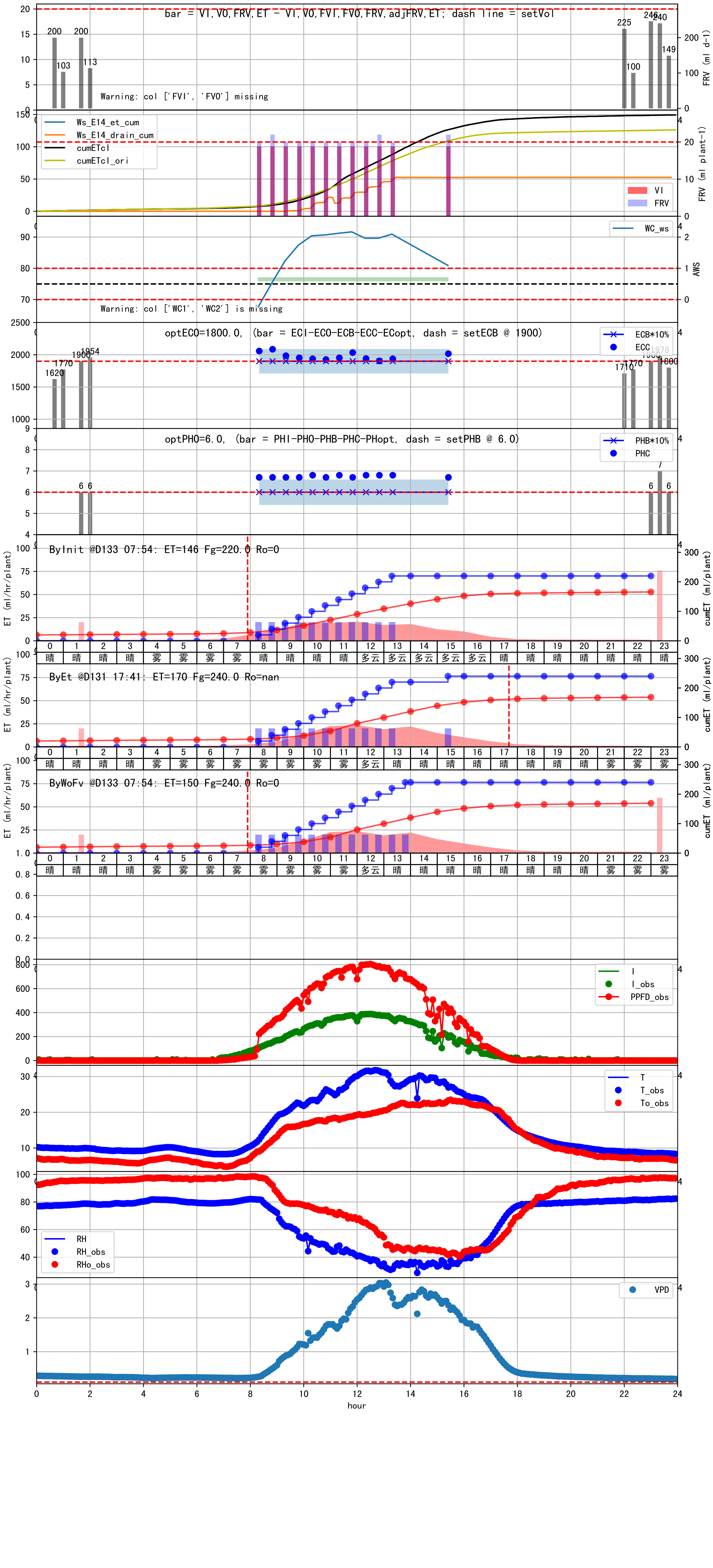

m=565, FVO=0, deltaM=0.1
m=595, FVO=0, deltaM=0.05
m=625, FVO=0, deltaM=0.05
m=655, FVO=0, deltaM=0.05
m=685, FVO=0, deltaM=0.06
m=715, FVO=0, deltaM=0.05
m=745, FVO=0, deltaM=0.06
m=775, FVO=0, deltaM=0.05
m=805, FVO=0, deltaM=0.06
m=895, FVO=0, deltaM=0.1
Ws_E14
minute

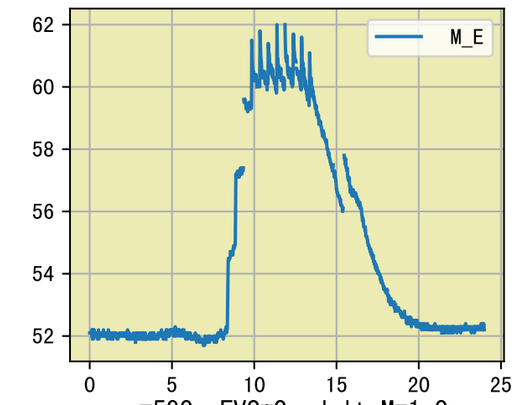

hour
8:20
8:50
9:20
9:50
10:20
10:50
11:20
11:50
12:20
12:50
13:20
13:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

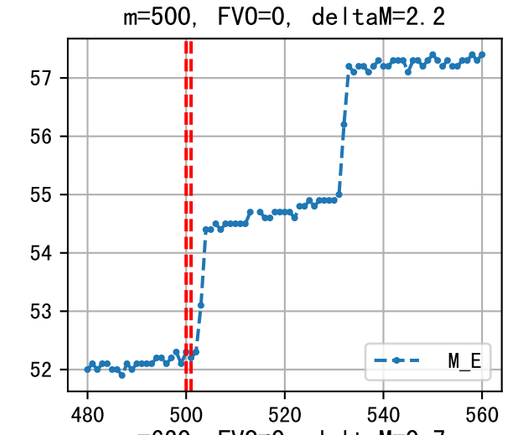
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	36	20.0	0.081	雾	假设@08:20 未知程序（未用传感器）
08:50	36	20.0	0.081	雾	假设@08:50 未知程序（未用传感器）
09:20	36	20.0	0.081	雾	假设@09:20 未知程序（未用传感器）
09:50	36	20.0	0.081	雾	假设@09:50 未知程序（未用传感器）
10:20	36	20.0	0.081	雾	假设@10:20 未知程序（未用传感器）
10:50	36	20.0	0.081	雾	假设@10:50 未知程序（未用传感器）
11:20	36	20.0	0.081	雾	假设@11:20 未知程序（未用传感器）
11:50	36	20.0	0.081	雾	假设@11:50 未知程序（未用传感器）
12:20	36	20.0	0.081	多云	假设@12:20 未知程序（未用传感器）
12:50	36	20.0	0.081	多云	假设@12:50 未知程序（未用传感器）
13:20	36	20.0	0.081	晴	假设@13:20 未知程序（未用传感器）
13:50	36	20.0	0.081	晴	假设@13:50 未知程序（未用传感器）
总计	432.0 (12次)	240.0			建议进液EC：1900， PH：6.0

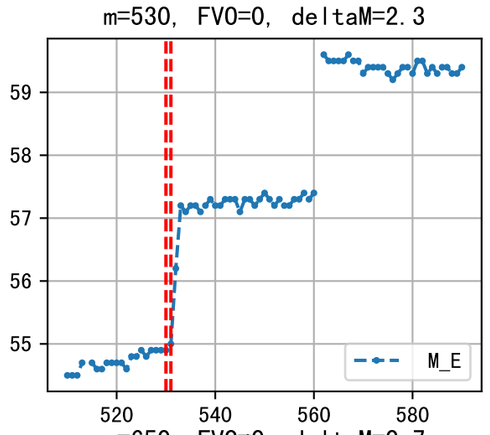
上次灌溉流速比过去5天平均大 (0.61 vs 0.55)，可能管道压力异常或有管道漏水
默认实际灌溉20.0 ml.

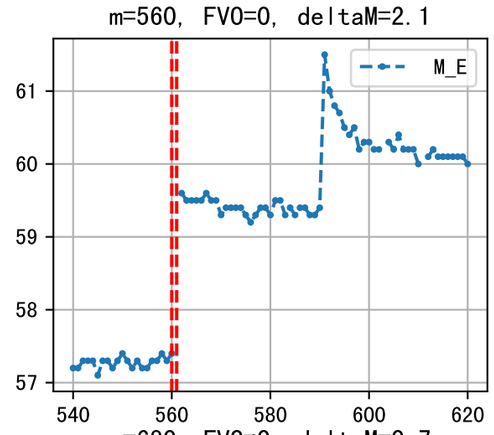
L1A1_1, Day=131.0 (2026-02-14)

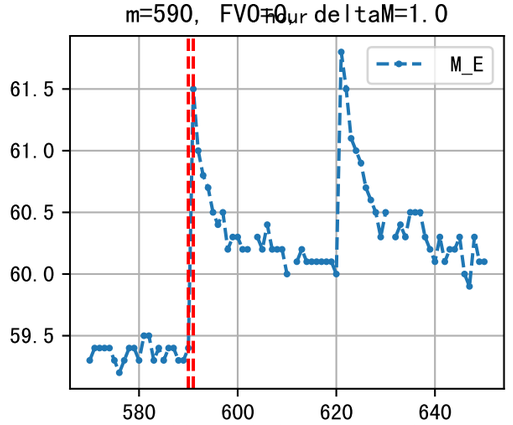


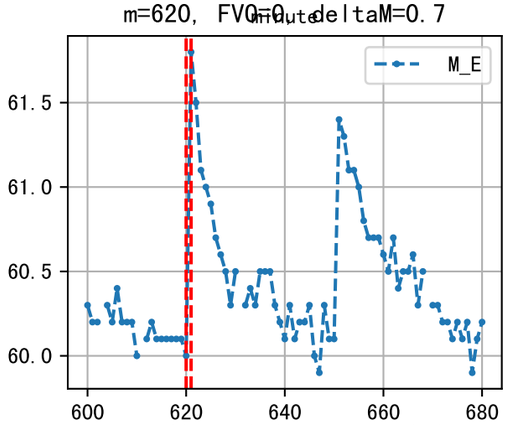

M_E

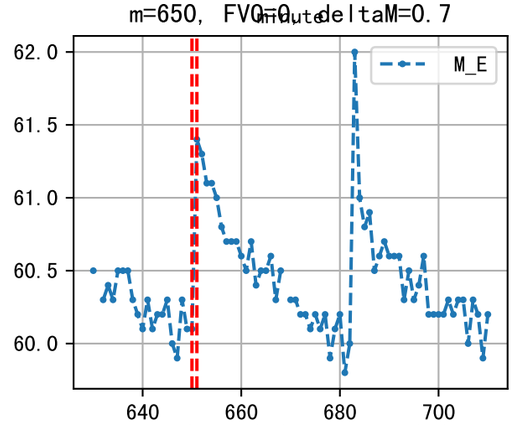

m=500, FV0=0, deltaM=2.2
M_E

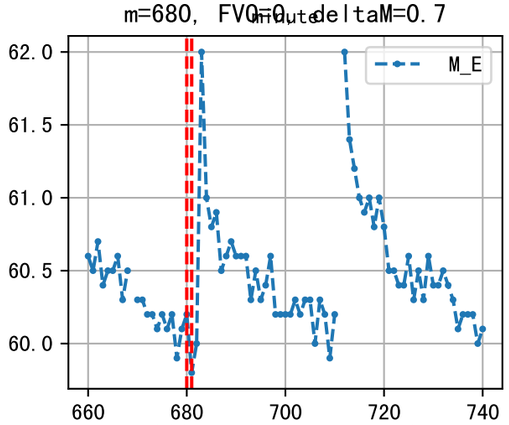

m=530, FV0=0, deltaM=2.3
M_E

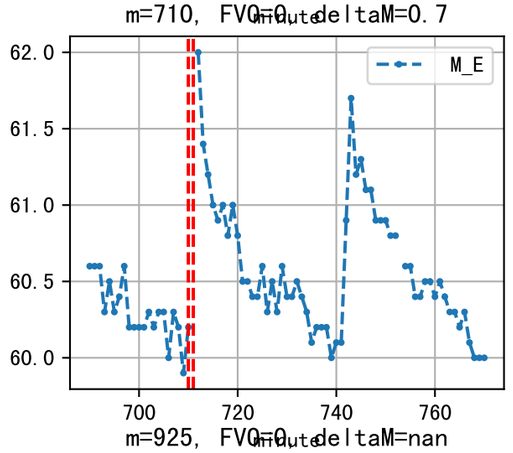

m=560, FV0=0, deltaM=2.1
M_E

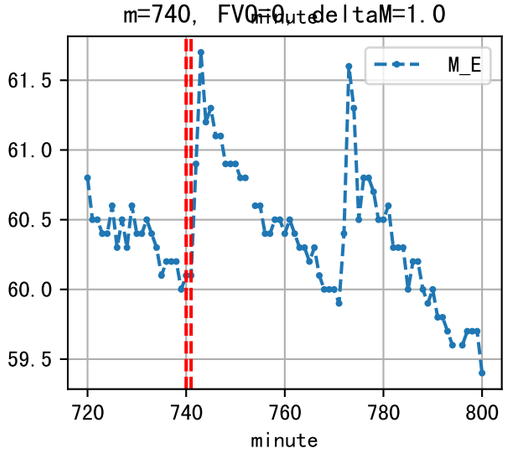

m=590, FV0=0, deltaM=1.0
M_E

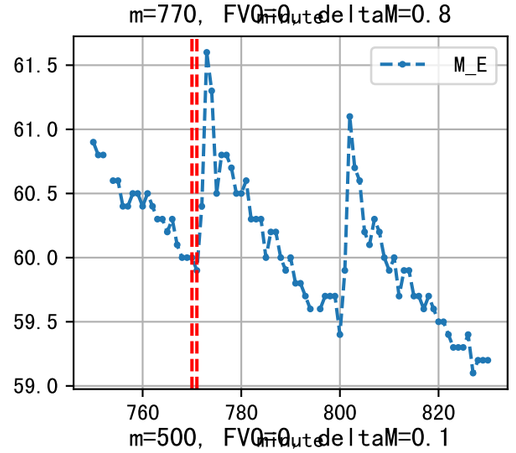

m=620, FV0=0, deltaM=0.7
M_E

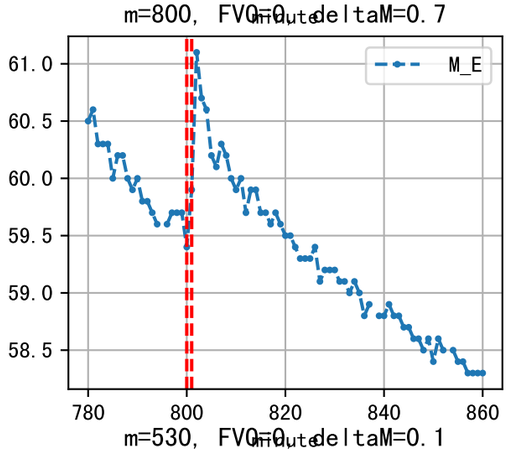

m=650, FV0=0, deltaM=0.7
M_E

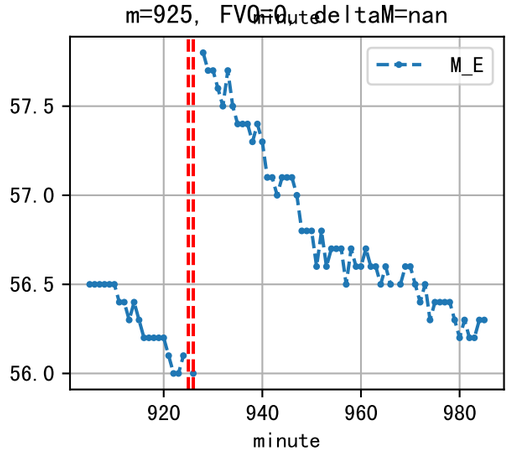

m=680, FV0=0, deltaM=0.7
M_E

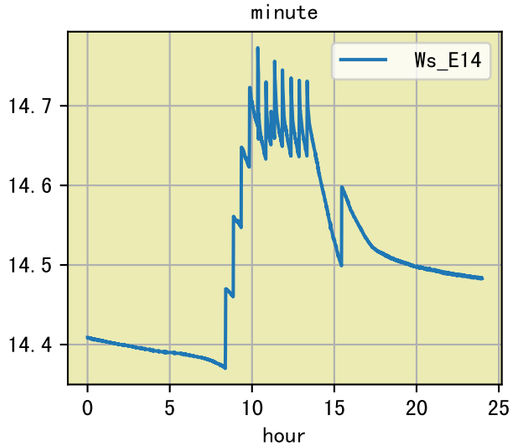

m=710, FV0=0, deltaM=0.7
M_E

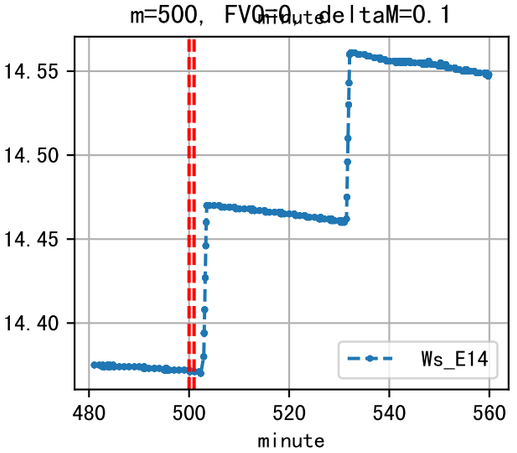

m=740, FV0=0, deltaM=1.0
M_E
minute

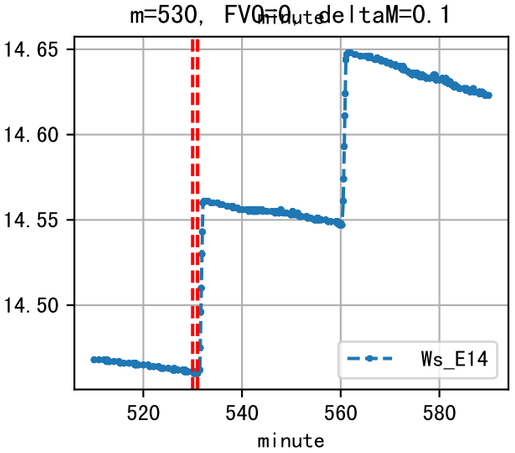

m=770, FV0=0, deltaM=0.8
M_E

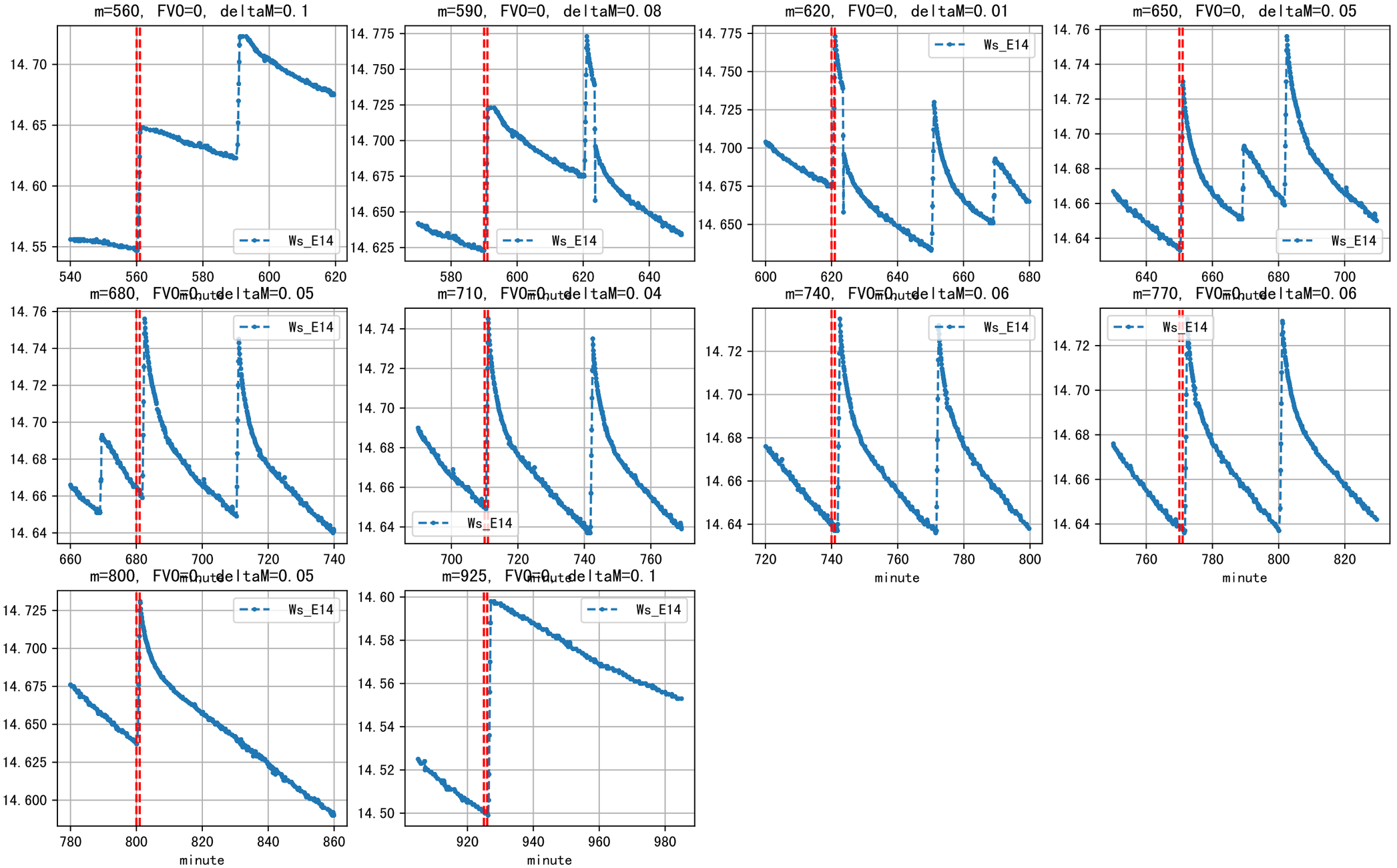

m=800, FV0=0, deltaM=0.7
M_E

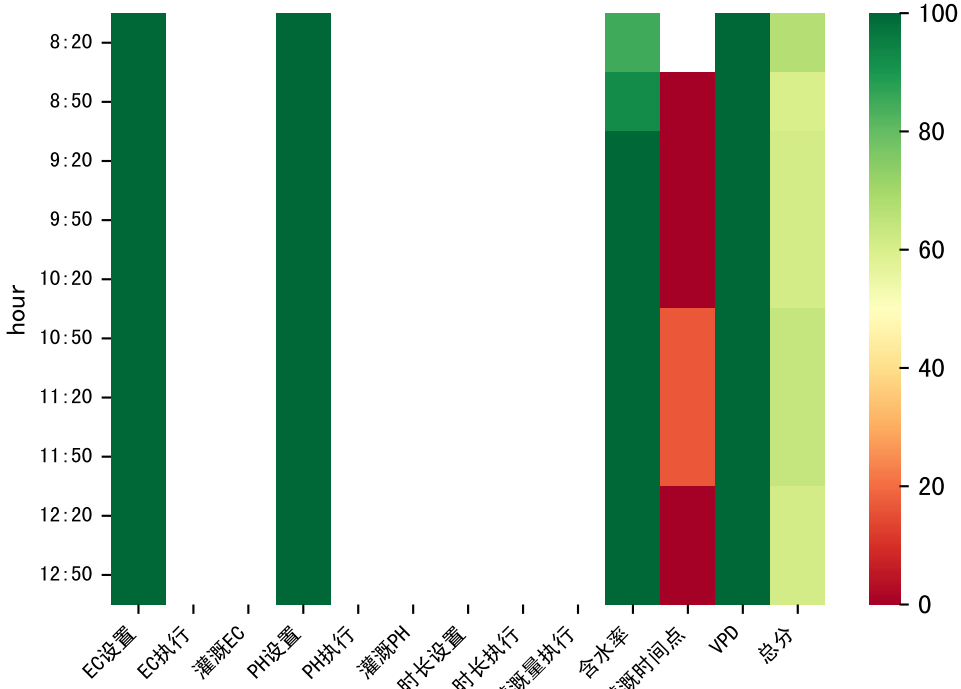

m=925, FV0=0, deltaM=nan
M_E
minute


Ws_E14
hour


m=500, FV0=0, deltaM=0.1
Ws_E14
minute

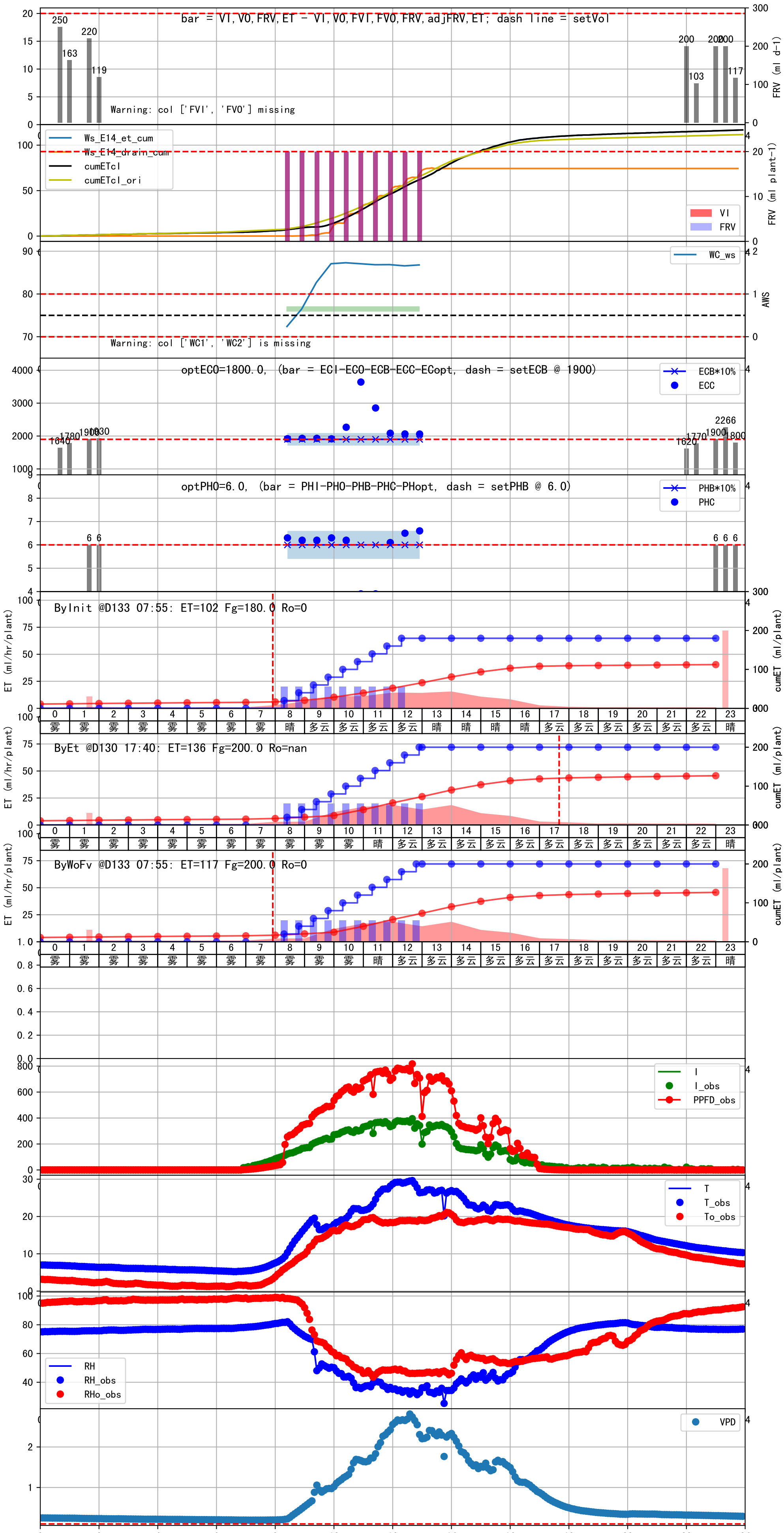

m=530, FV0=0, deltaM=0.1
Ws_E14
minute

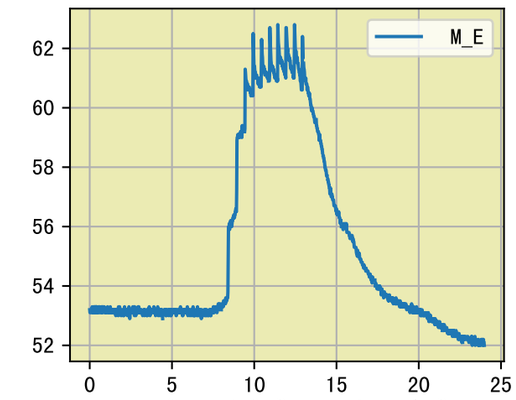

m=560, FV0=0, deltaM=0.1
m=590, FV0=0, deltaM=0.08
m=620, FV0=0, deltaM=0.01
m=650, FV0=0, deltaM=0.05
m=680, FV0=0, deltaM=0.05
m=710, FV0=0, deltaM=0.04
m=740, FV0=0, deltaM=0.06
m=770, FV0=0, deltaM=0.06
m=800, FV0=0, deltaM=0.05
m=925, FV0=0, deltaM=0.1
Ws_E14
minute

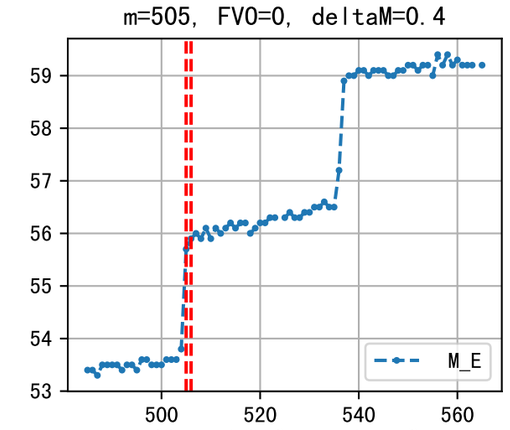

hour
8:20
8:50
9:20
9:50
10:20
10:50
11:20
11:50
12:20
12:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

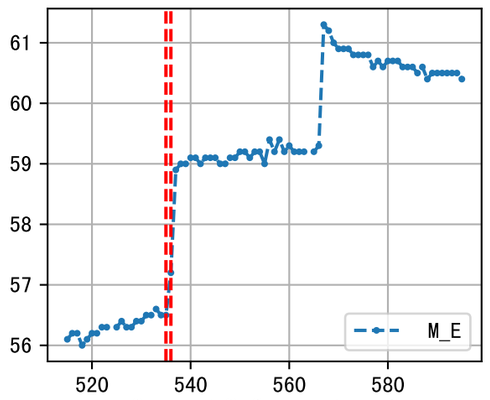
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	36	20.0	0.081	雾	假设@08:20 未知程序（未用传感器）
08:50	36	20.0	0.081	雾	假设@08:50 未知程序（未用传感器）
09:20	36	20.0	0.081	雾	假设@09:20 未知程序（未用传感器）
09:50	36	20.0	0.081	雾	假设@09:50 未知程序（未用传感器）
10:20	36	20.0	0.081	雾	假设@10:20 未知程序（未用传感器）
10:50	36	20.0	0.081	雾	假设@10:50 未知程序（未用传感器）
11:20	36	20.0	0.081	晴	假设@11:20 未知程序（未用传感器）
11:50	36	20.0	0.081	晴	假设@11:50 未知程序（未用传感器）
12:20	36	20.0	0.081	多云	假设@12:20 未知程序（未用传感器）
12:50	36	20.0	0.081	多云	假设@12:50 未知程序（未用传感器）
总计	360.0 (10次)	200.0			建议进液EC：1900， PH：6.0

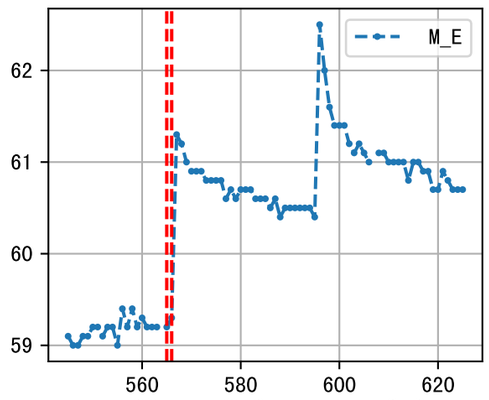
L1A1_1, Day=130.0 (2026-02-13)

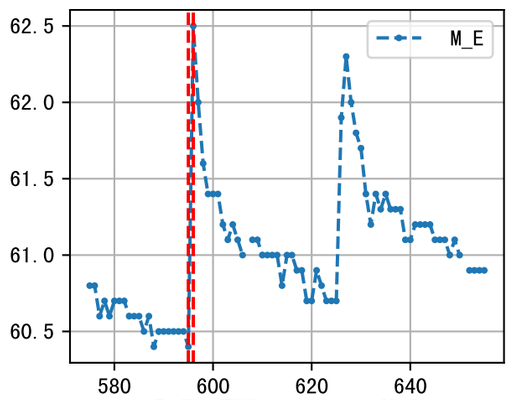


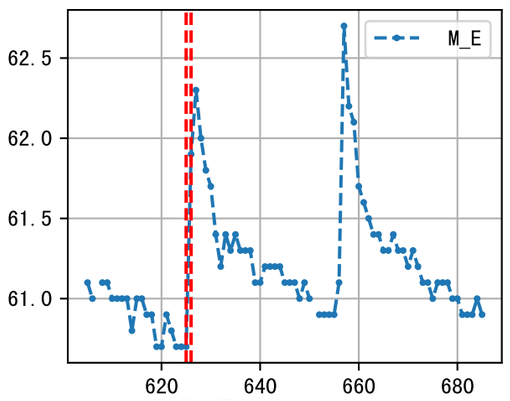

M_E

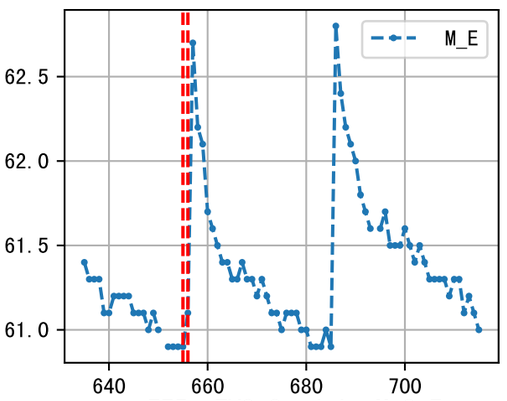

m=505, FVO=0, deltaM=0.4
M_E

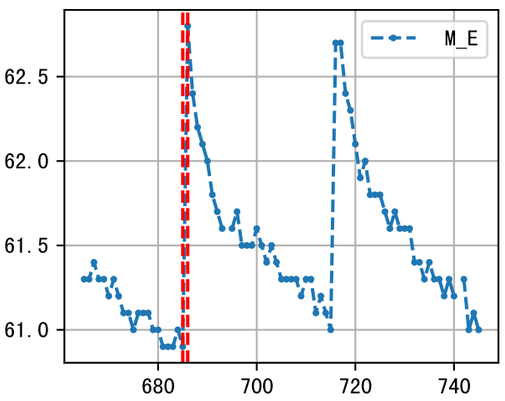

m=535, FVO=0, deltaM=2.6
M_E

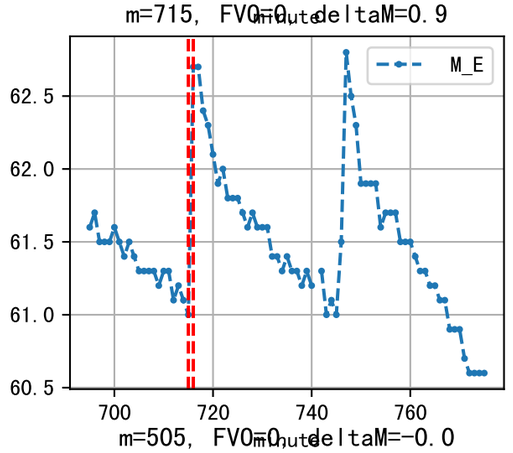

m=565, FVO=0, deltaM=1.7
M_E

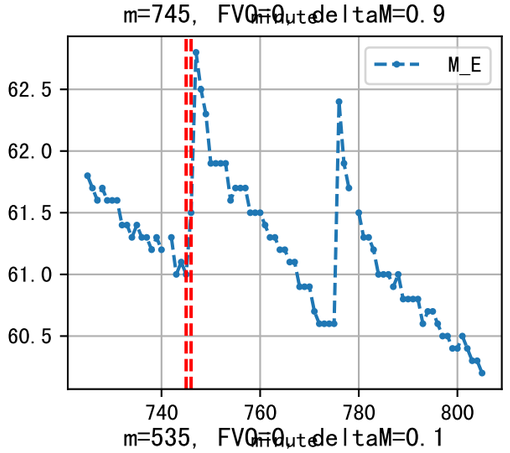

m=595, FVO=0, deltaM=1.0
hour
M_E

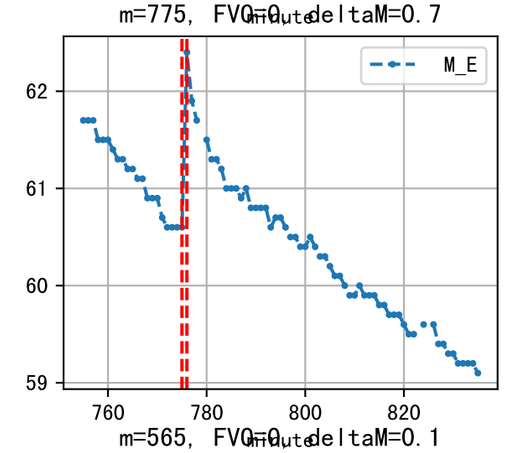

m=625, FVO=0, deltaM=0.7
minute
M_E

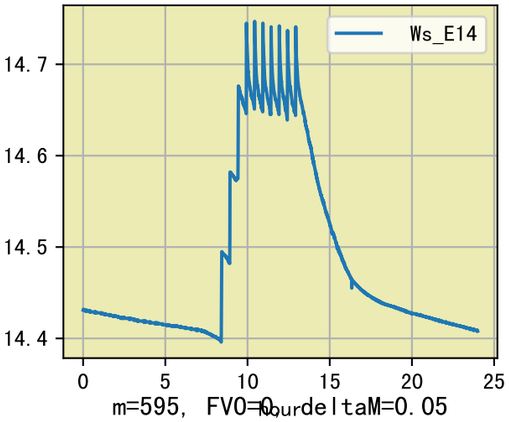

m=655, FVO=0, deltaM=0.7
minute
M_E

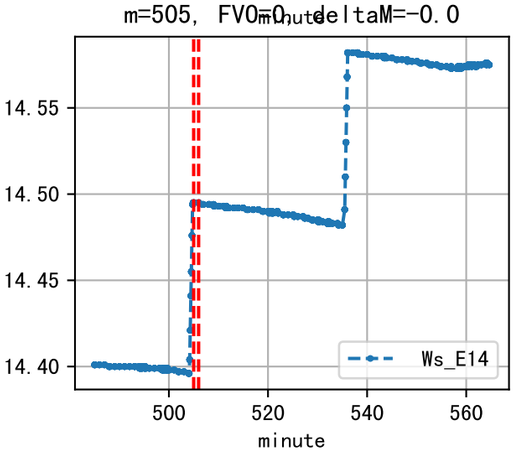

m=685, FVO=0, deltaM=0.9
minute
M_E
minute

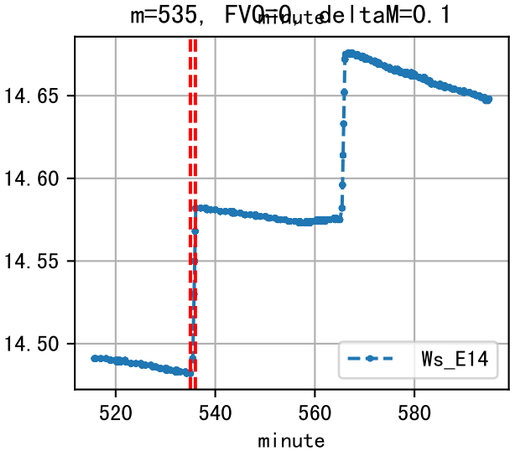

m=715, FVO=0, deltaM=0.9
minute
M_E

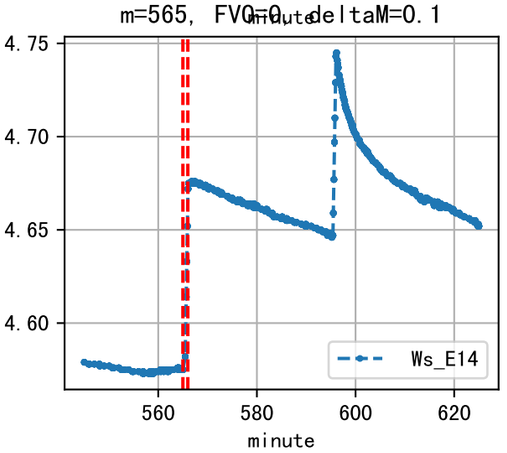

m=745, FVO=0, deltaM=0.9
minute
M_E

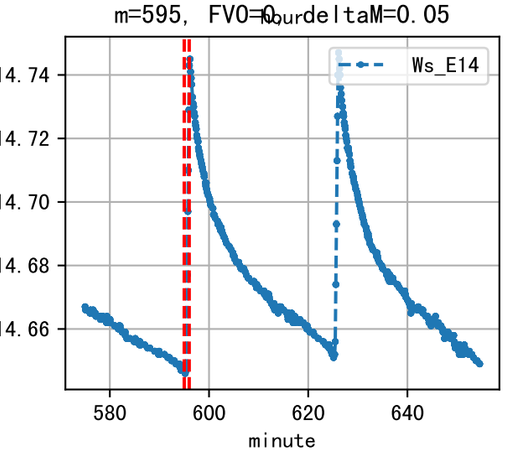

m=775, FVO=0, deltaM=0.7
minute
M_E

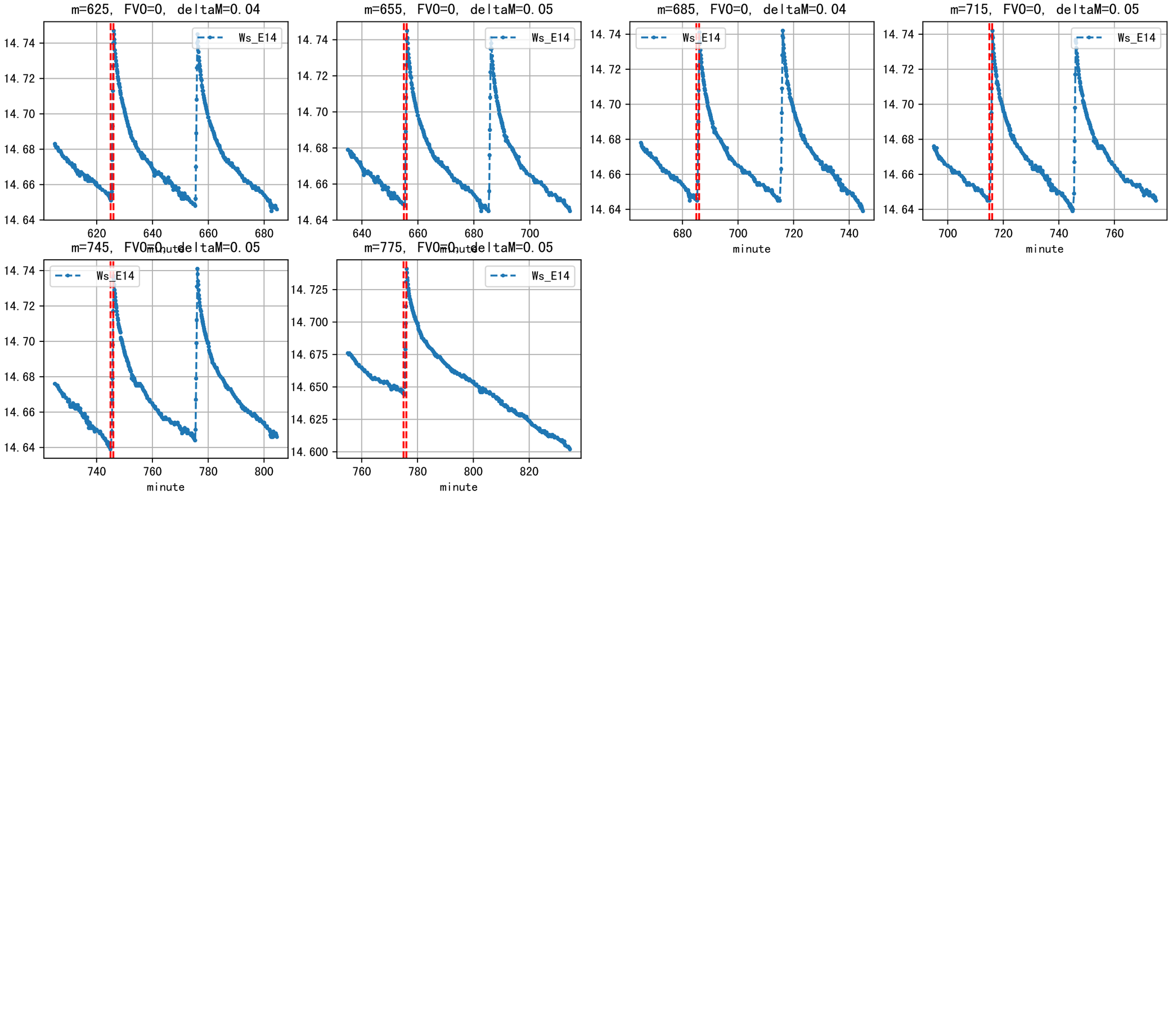

Ws_E14

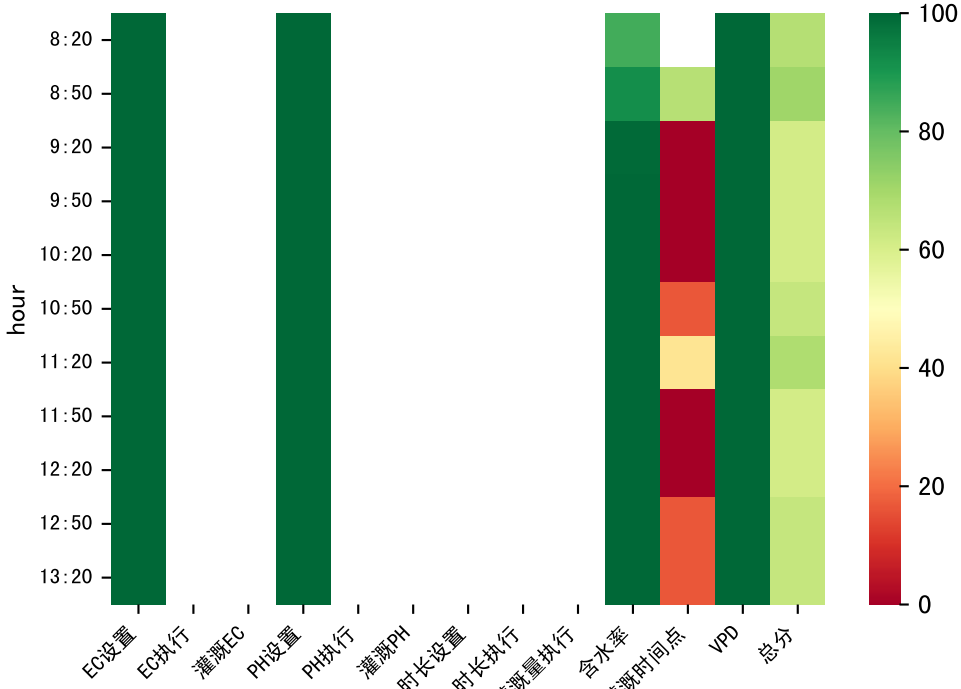

m=505, FVO=0, deltaM=-0.0
minute
Ws_E14
minute


m=535, FVO=0, deltaM=0.1
minute
Ws_E14
minute


m=565, FVO=0, deltaM=0.1
minute
Ws_E14
minute

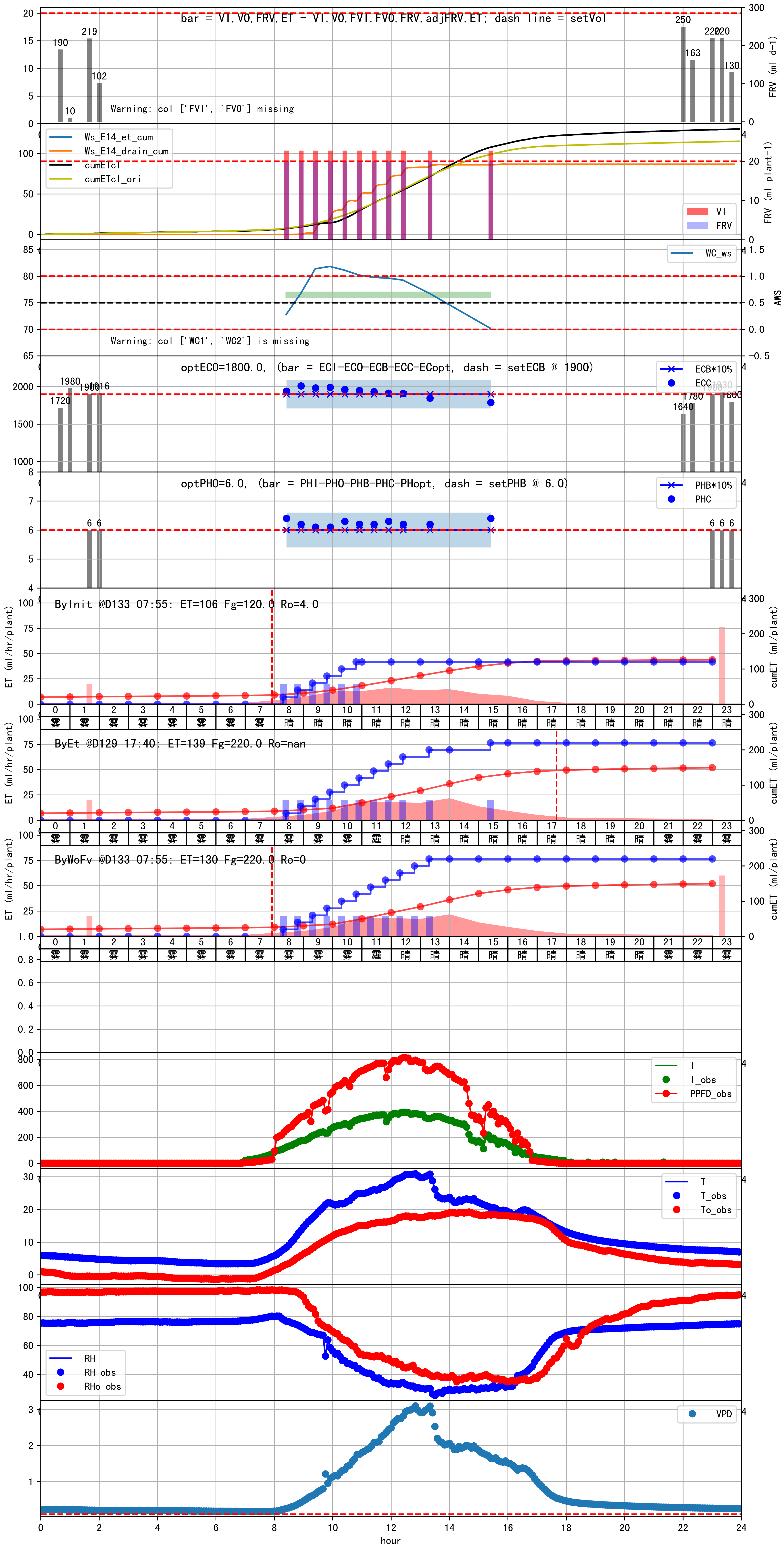

m=595, FVO=0, deltaM=0.05
hour
Ws_E14
minute

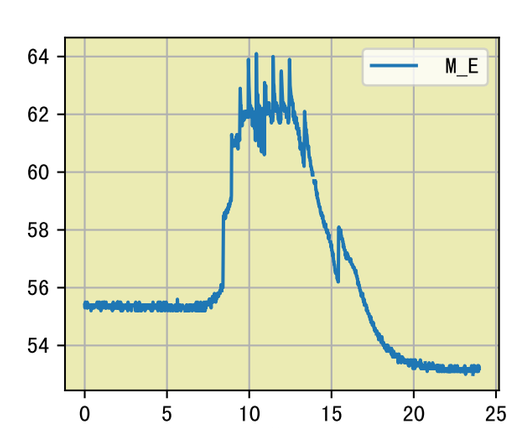

m=625, FV0=0, deltaM=0.04
m=655, FV0=0, deltaM=0.05
m=685, FV0=0, deltaM=0.04
m=715, FV0=0, deltaM=0.05
m=745, FV0=0, deltaM=0.05
m=775, FV0=0, deltaM=0.05
Ws_E14
minute

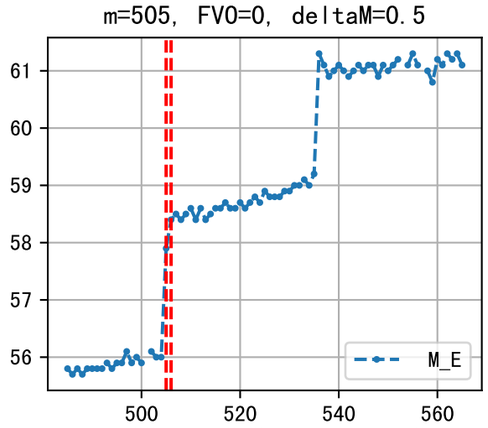

hour
8:20
8:50
9:20
9:50
10:20
10:50
11:20
11:50
12:20
12:50
13:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

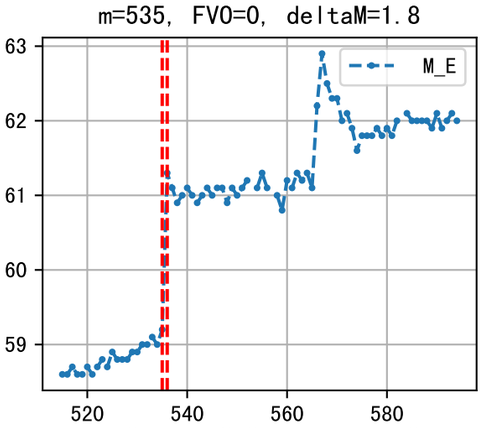
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:20	36	20.0	0.081	雾	假设@08:20 未知程序（未用传感器）
08:50	36	20.0	0.081	雾	假设@08:50 未知程序（未用传感器）
09:20	36	20.0	0.081	雾	假设@09:20 未知程序（未用传感器）
09:50	36	20.0	0.081	雾	假设@09:50 未知程序（未用传感器）
10:20	36	20.0	0.081	雾	假设@10:20 未知程序（未用传感器）
10:50	36	20.0	0.081	雾	假设@10:50 未知程序（未用传感器）
11:20	36	20.0	0.081	霾	假设@11:20 未知程序（未用传感器）
11:50	36	20.0	0.081	霾	假设@11:50 未知程序（未用传感器）
12:20	36	20.0	0.081	晴	假设@12:20 未知程序（未用传感器）
12:50	36	20.0	0.081	晴	假设@12:50 未知程序（未用传感器）
13:20	36	20.0	0.081	晴	假设@13:20 未知程序（未用传感器）
总计	396.0 (11次)	220.0			建议进液EC：1900， PH：6.0

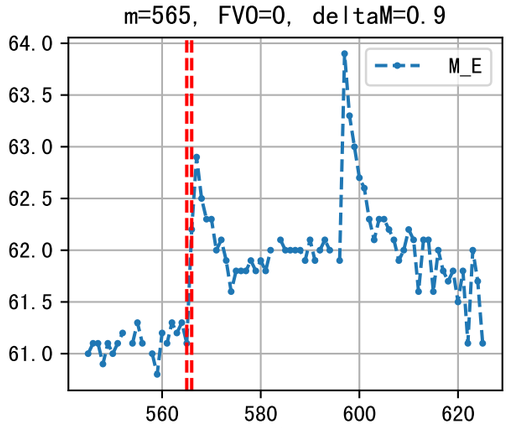
L1A1_1, Day=129.0 (2026-02-12)

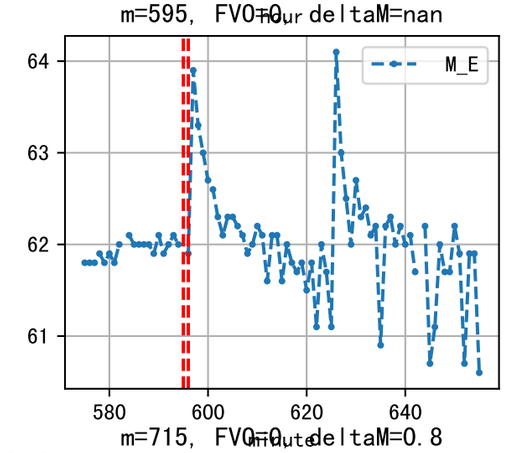


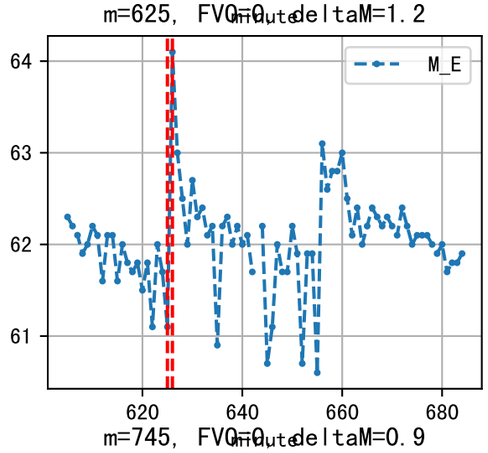

M_E
hour

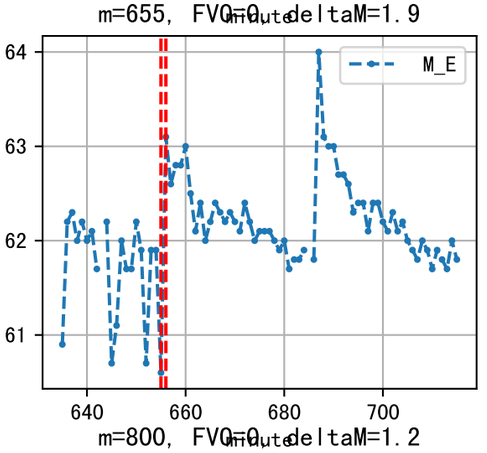

m=505, FVO=0, deltaM=0.5
M_E

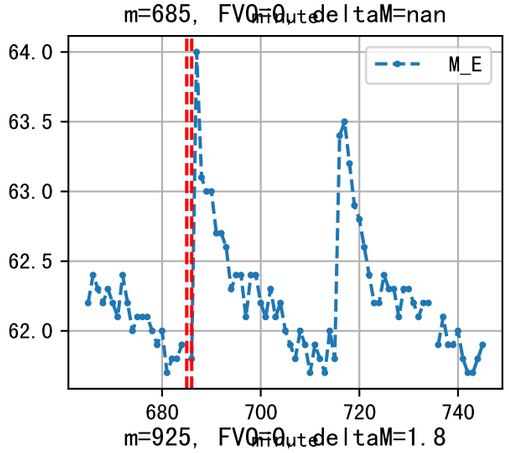

m=535, FVO=0, deltaM=1.8
M_E

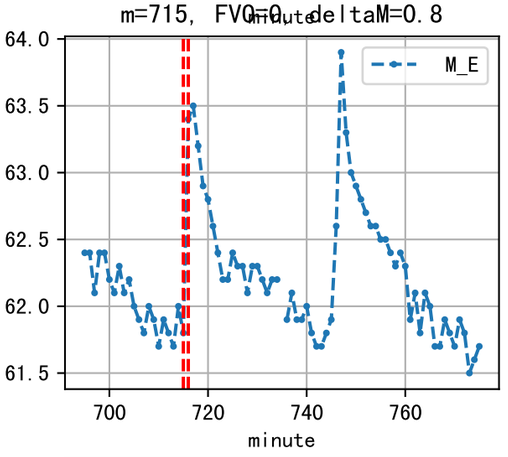

m=565, FVO=0, deltaM=0.9
M_E

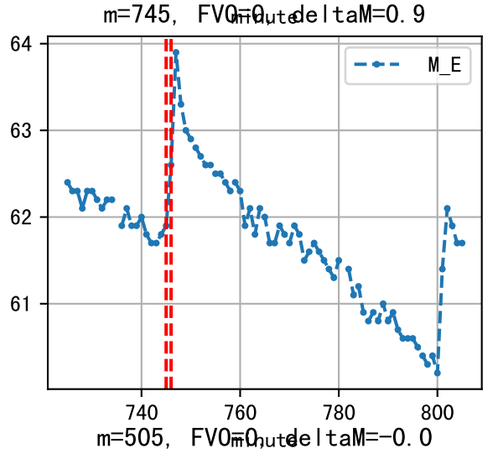

m=595, FVO=0, deltaM=nan
M_E
minute

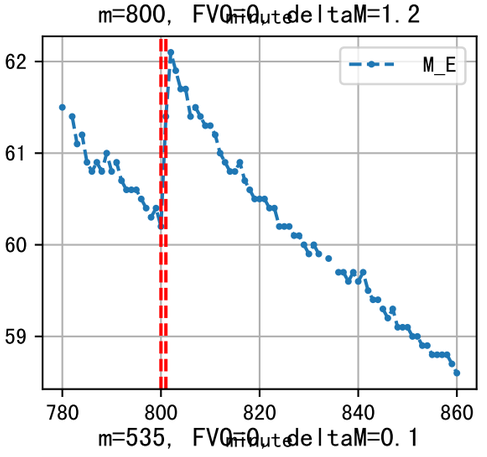

m=625, FVO=0, deltaM=1.2
M_E
minute

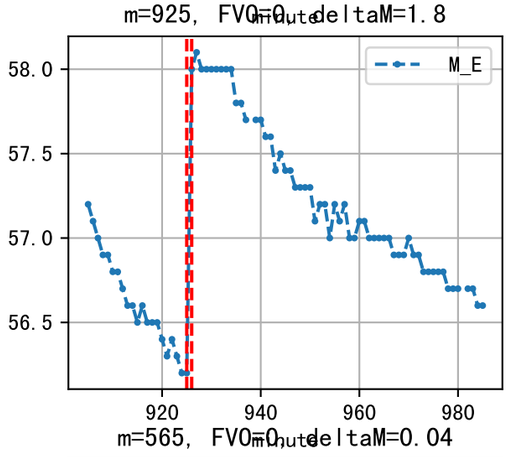

m=655, FVO=0, deltaM=1.9
M_E
minute

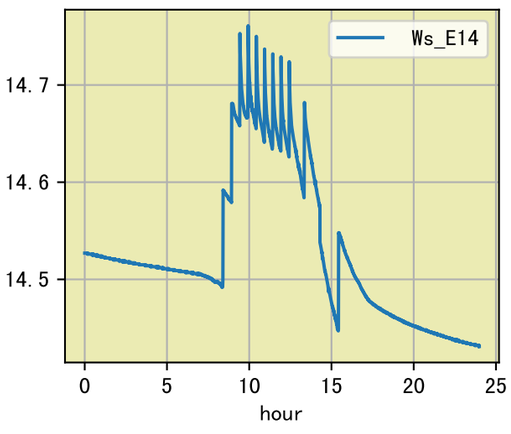

m=685, FVO=0, deltaM=nan
M_E
minute

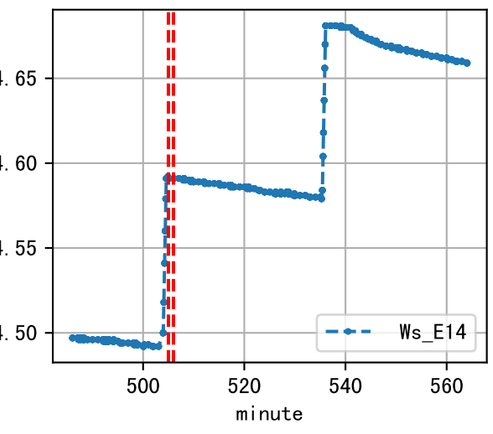

m=715, FVO=0, deltaM=0.8
M_E
minute

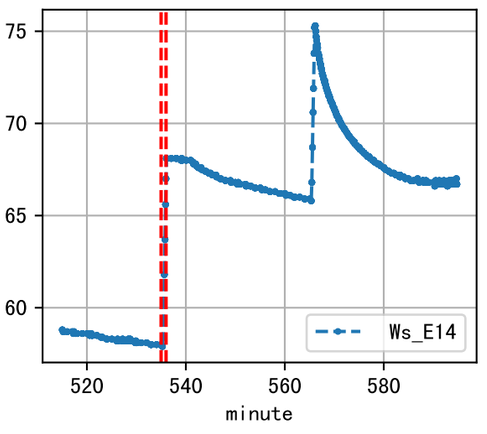

m=745, FVO=0, deltaM=0.9
M_E
minute

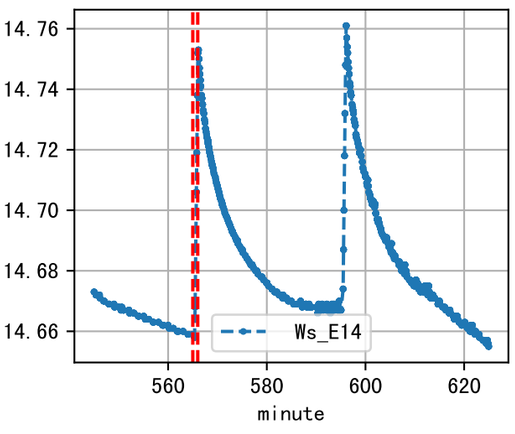

m=800, FVO=0, deltaM=1.2
M_E
minute

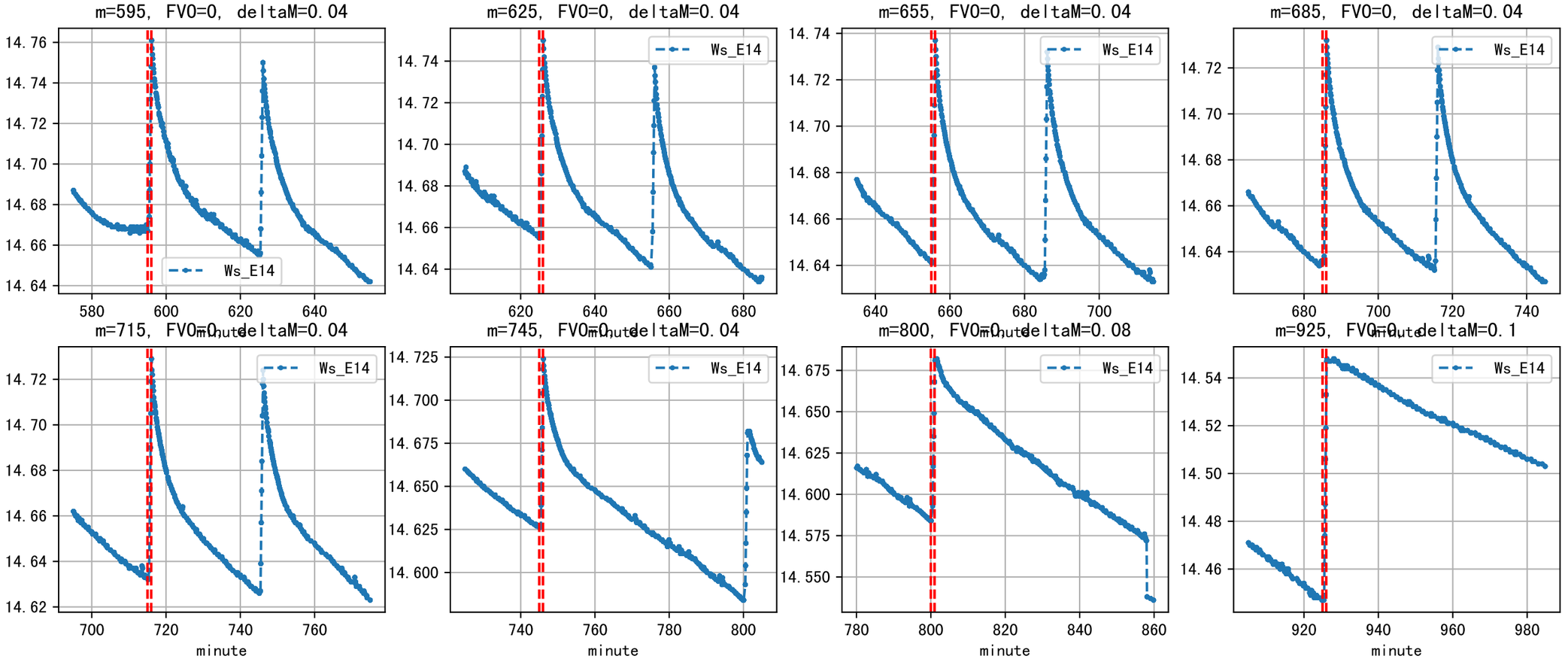

m=925, FVO=0, deltaM=1.8
M_E
minute


Ws_E14
hour


m=505, FVO=0, deltaM=-0.0
Ws_E14
minute


m=535, FVO=0, deltaM=0.1
Ws_E14
minute


m=565, FVO=0, deltaM=0.04
Ws_E14
minute


m=595, FV0=0, deltaM=0.04
m=625, FV0=0, deltaM=0.04
m=655, FV0=0, deltaM=0.04
m=685, FV0=0, deltaM=0.04
m=715, FV0=0, deltaM=0.04
m=745, FV0=0, deltaM=0.04
m=800, FV0=0, deltaM=0.08
m=925, FV0=0, deltaM=0.1
Ws_E14
minute