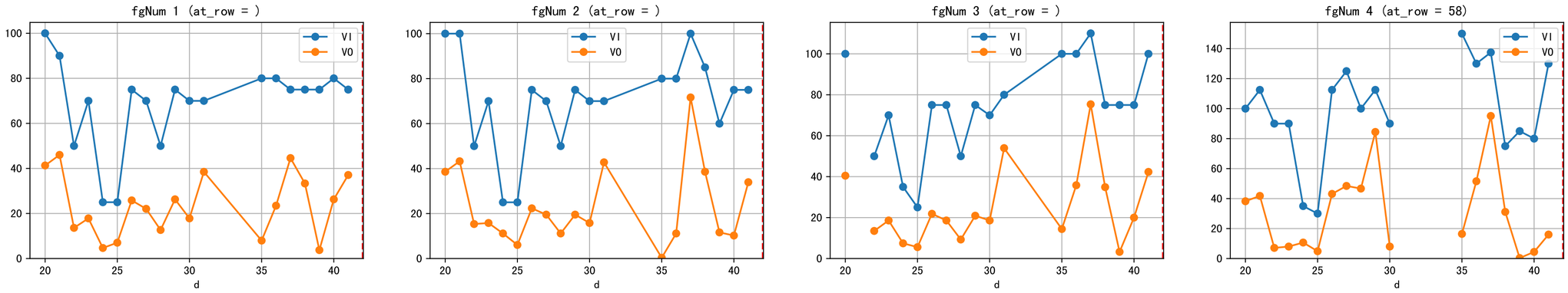
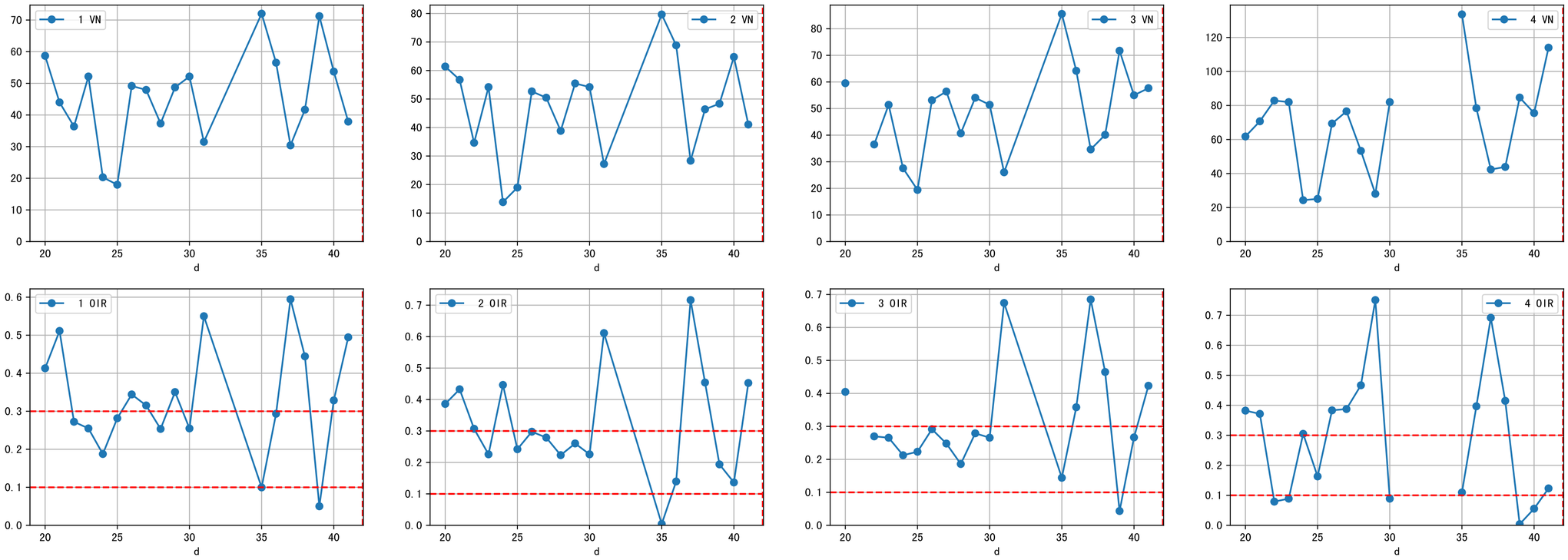
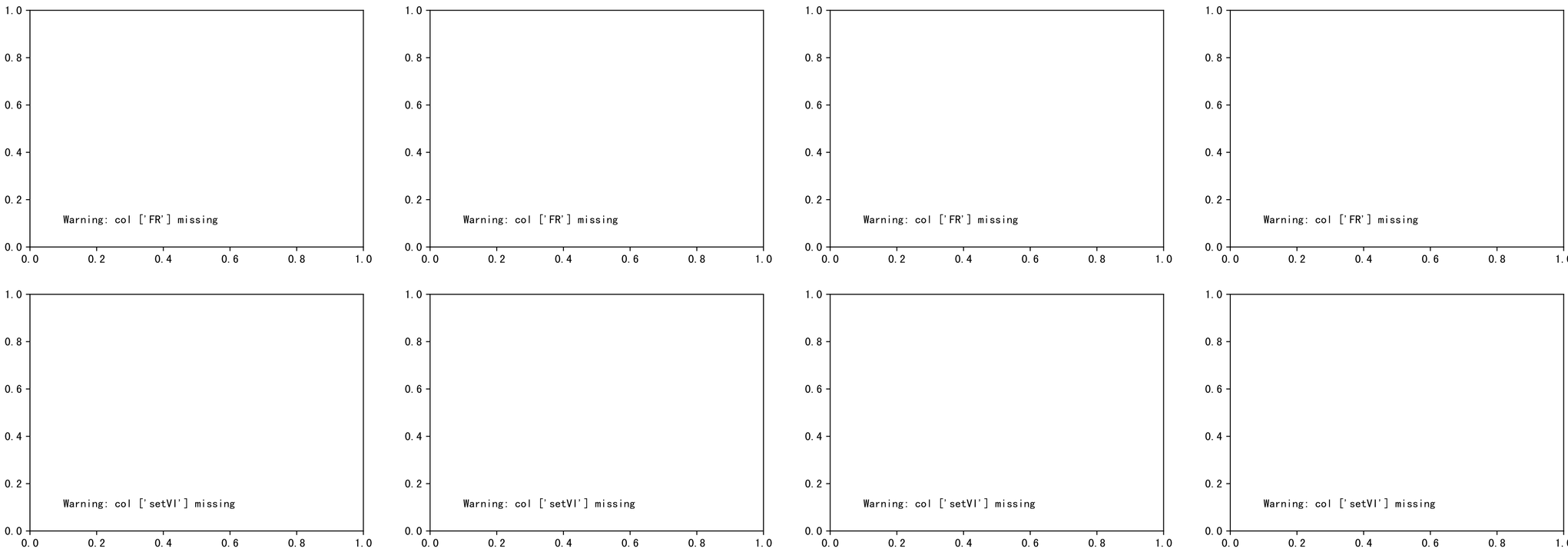
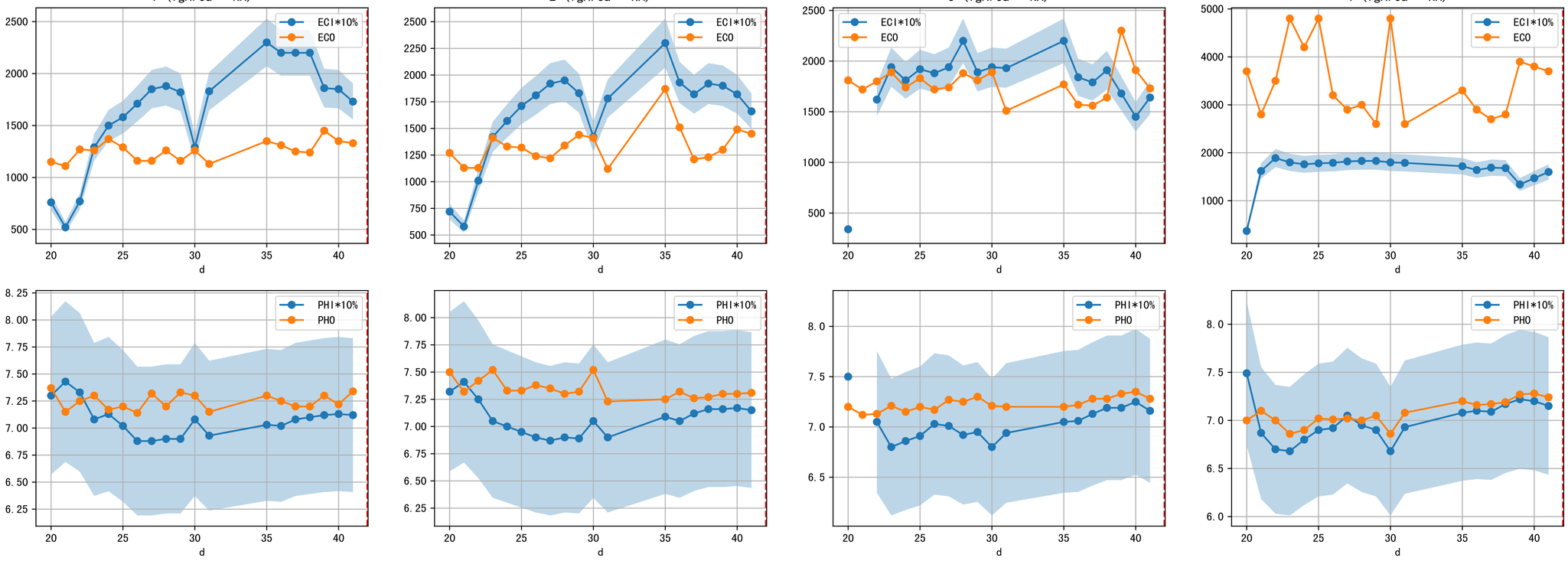
FgArea: ['4']
NJ15 L1
2025-11-17 (Day 42)

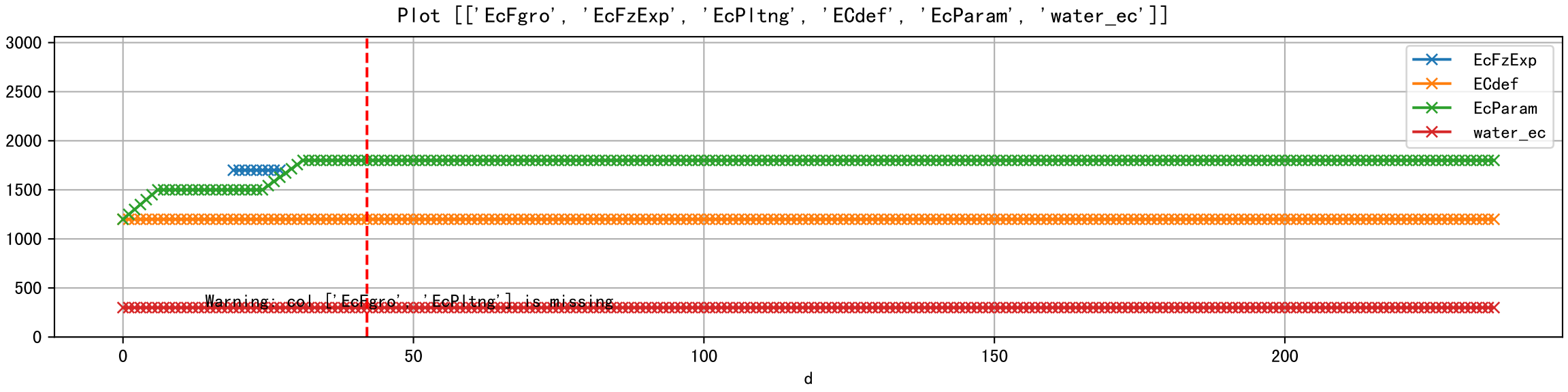

fgNum 1 (at_row =)
fgNum 2 (at_row =)
fgNum 3 (at_row =)
fgNum 4 (at_row = 58)
VI
VO
d

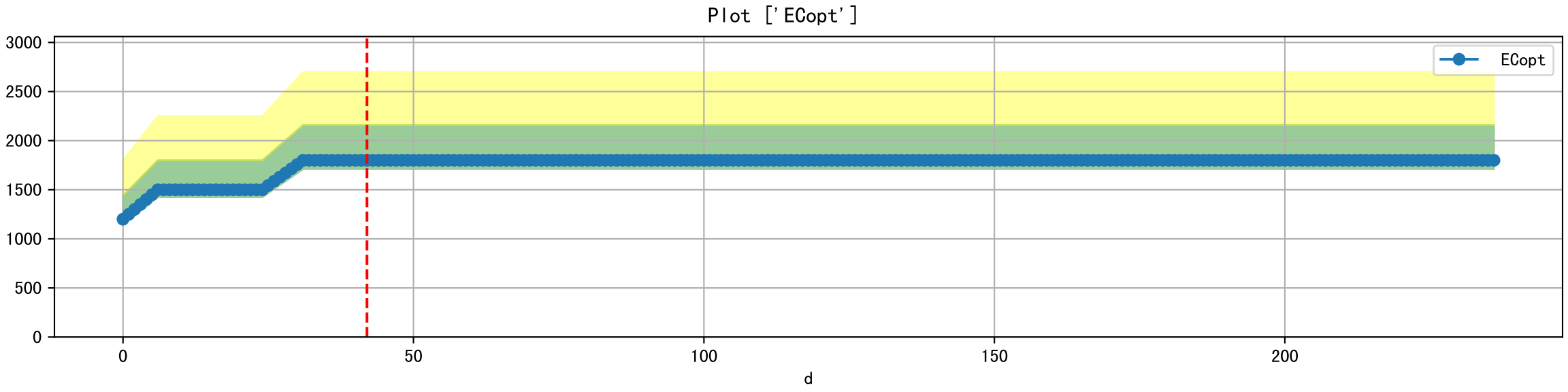

1 VN
2 VN
3 VN
4 VN
d

1 OIR
2 OIR
3 OIR
4 OIR
d


Warning: col ['FR'] missing
Warning: col ['setVI'] missing
1 (fgArea = NA)
2 (fgArea = NA)
3 (fgArea = NA)
4 (fgArea = NA)

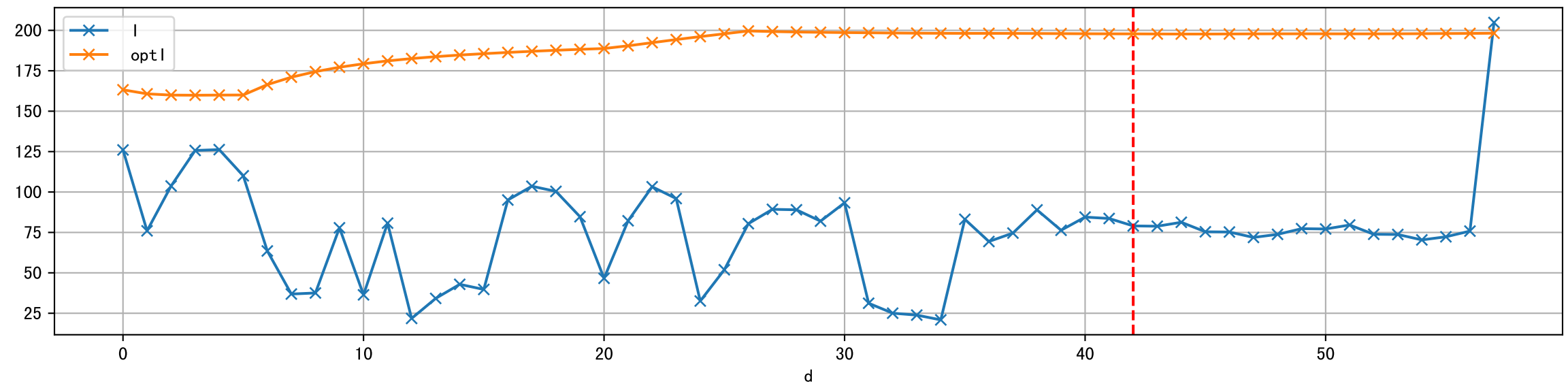

ECI*10%
ECO
PHI*10%
PHO
d

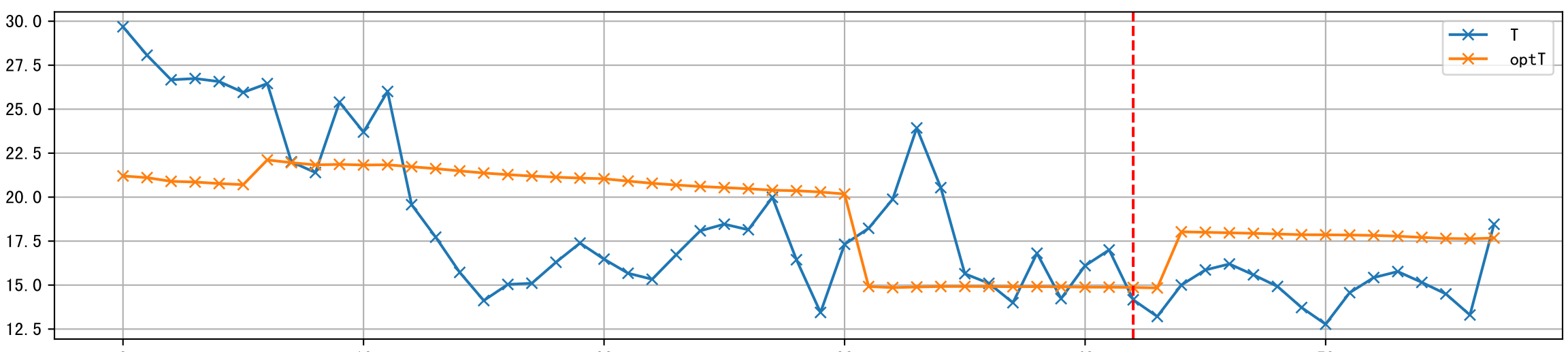

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

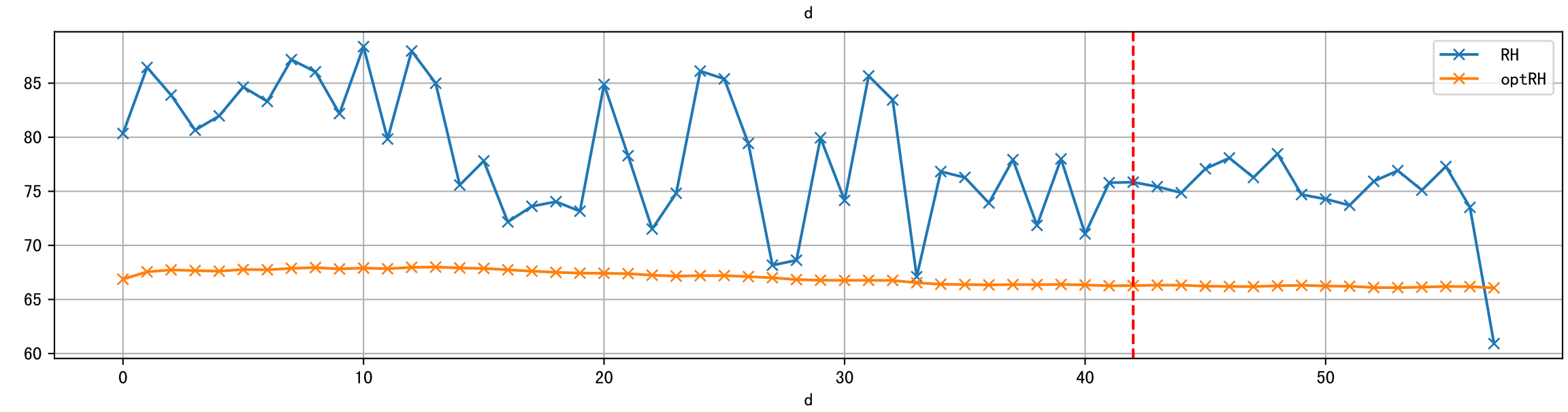

Plot ['ECopt']
ECopt
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
d

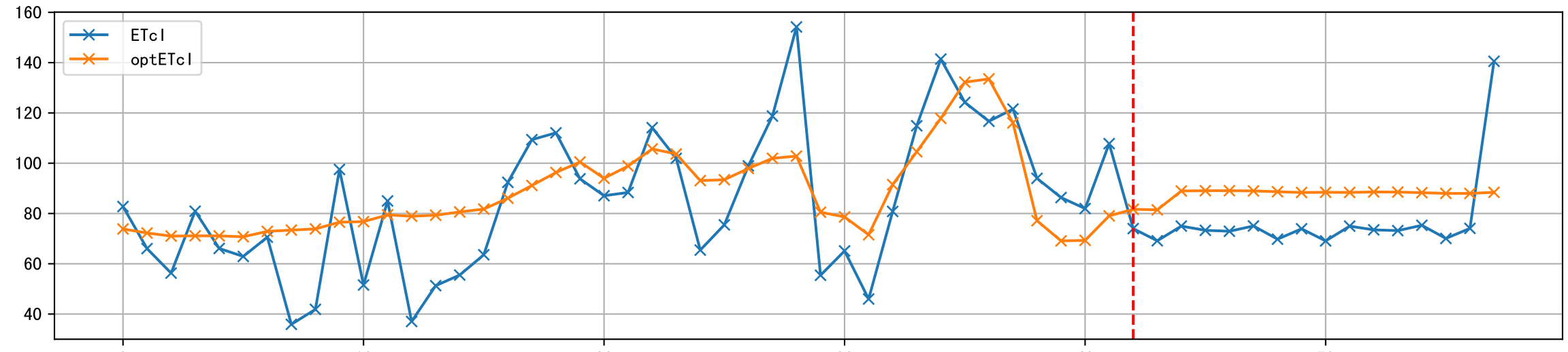
Plot Sensor and FgRec Data

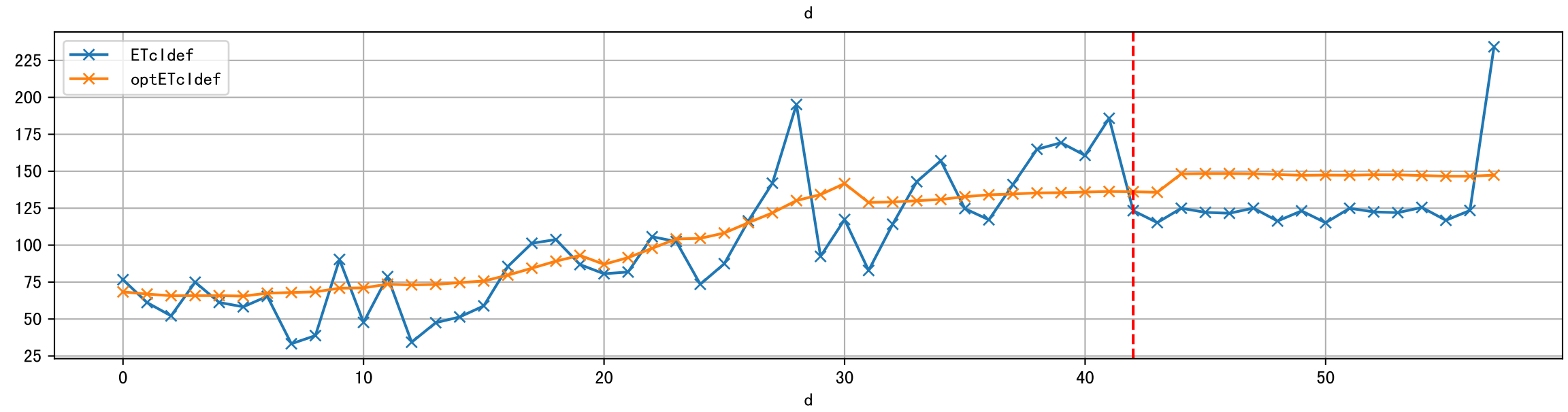
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcl', 'optETcl'], ['ETcldef', 'optETcldef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

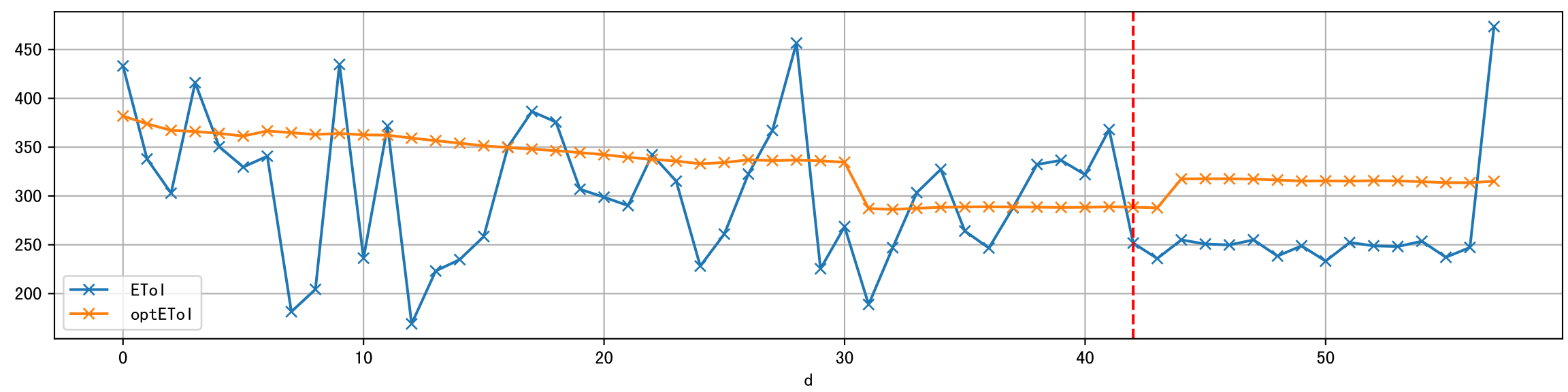


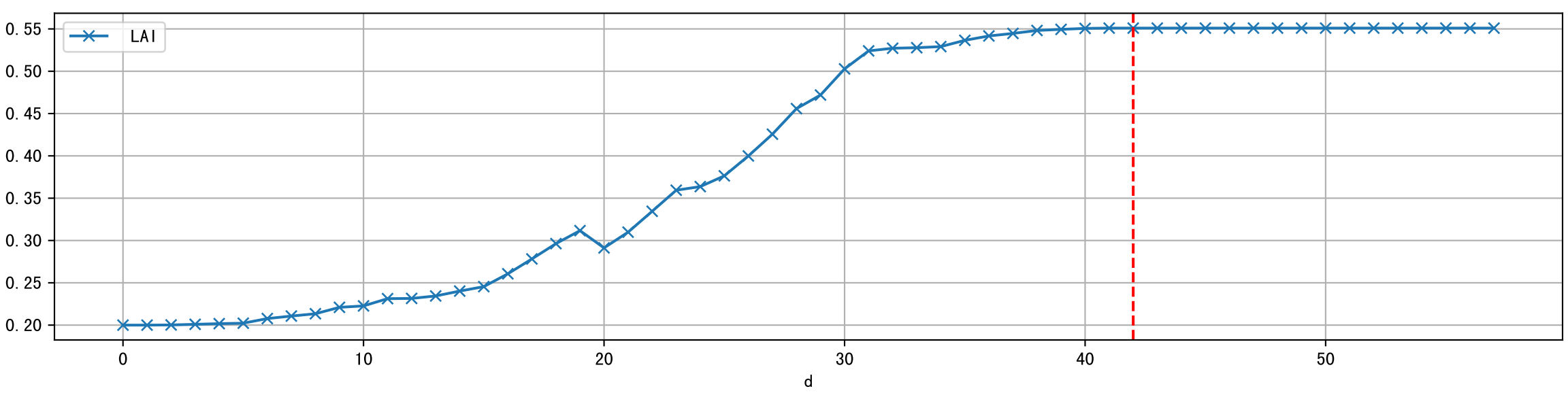


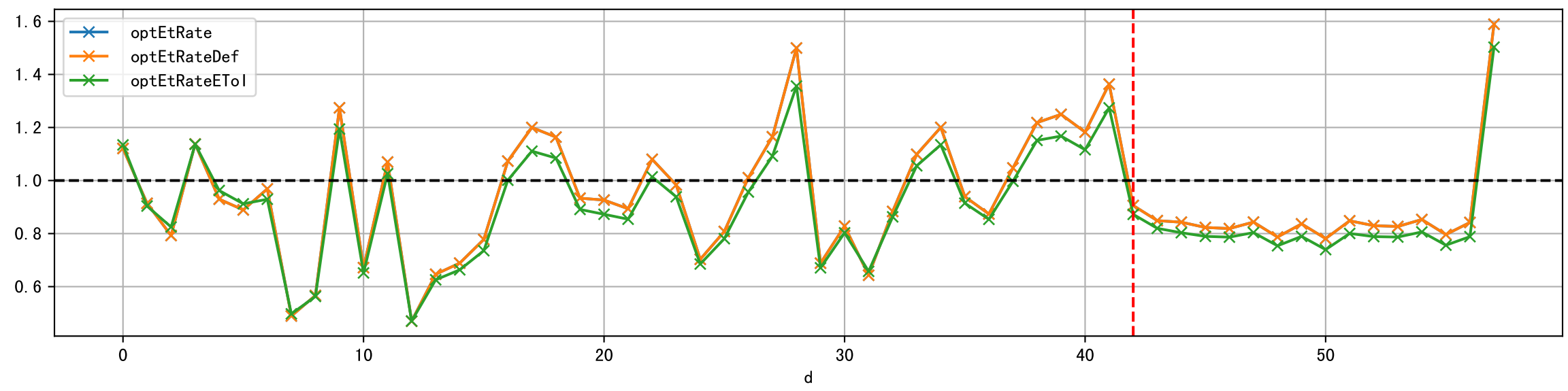


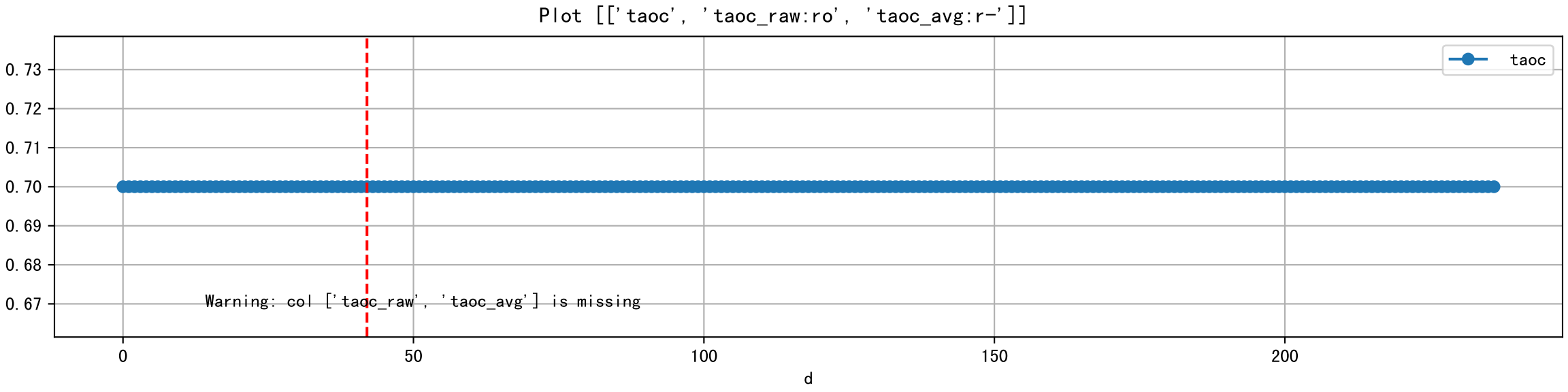


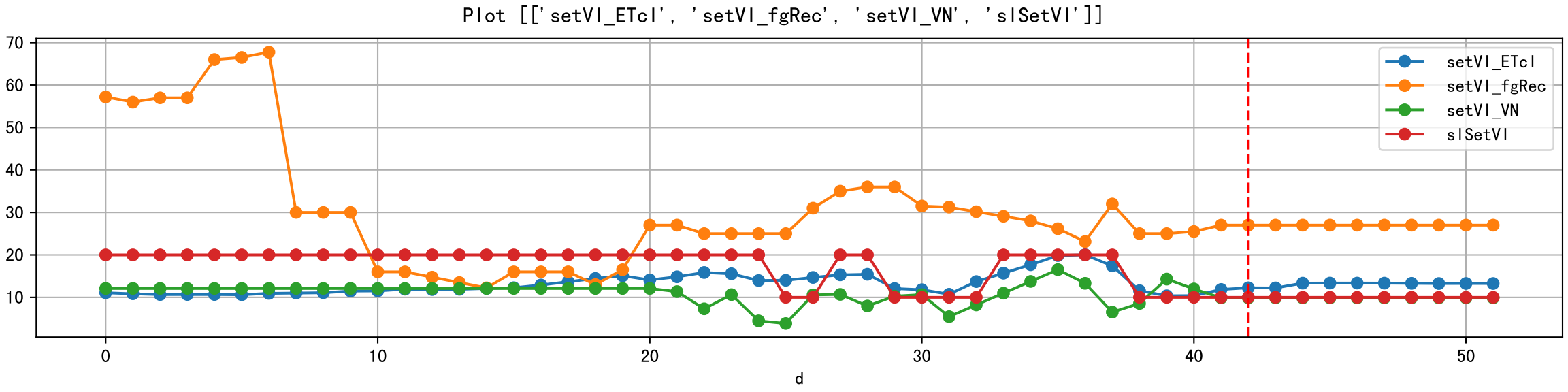


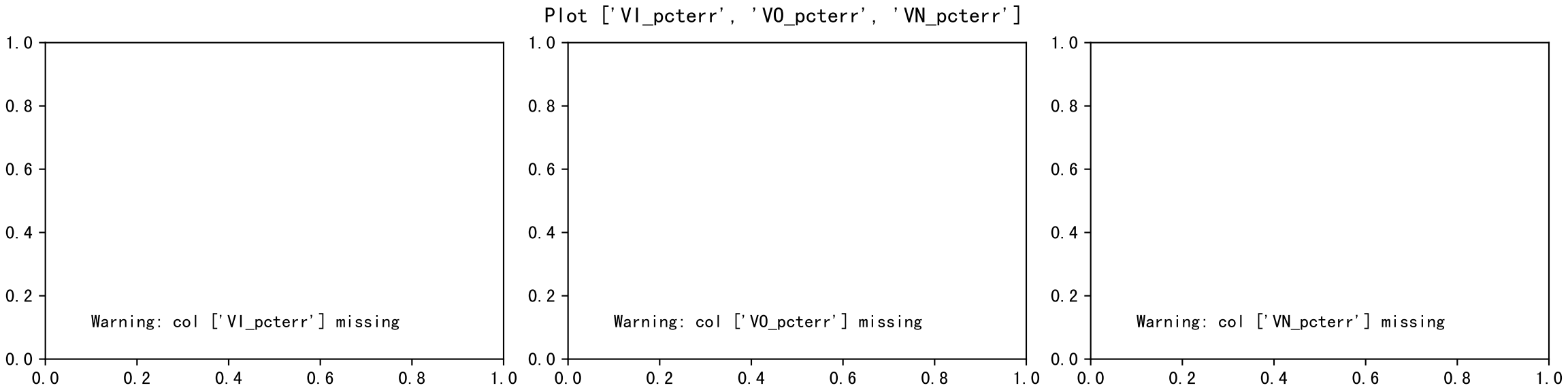


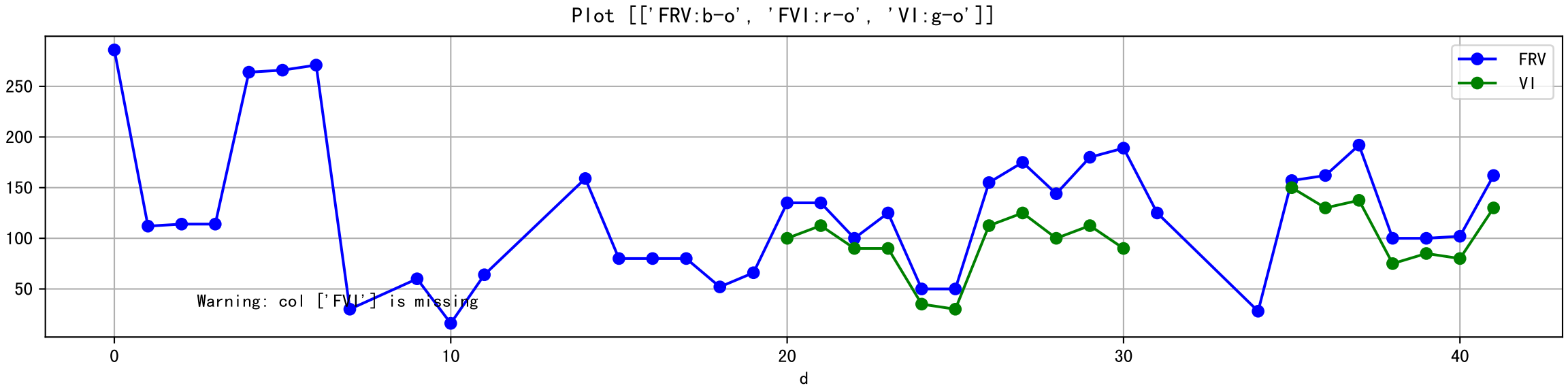


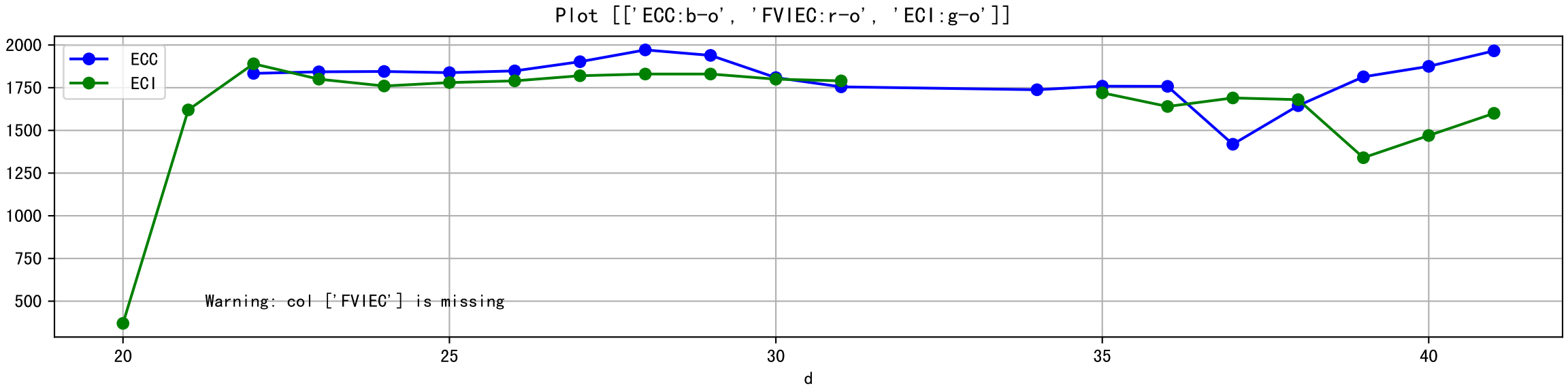


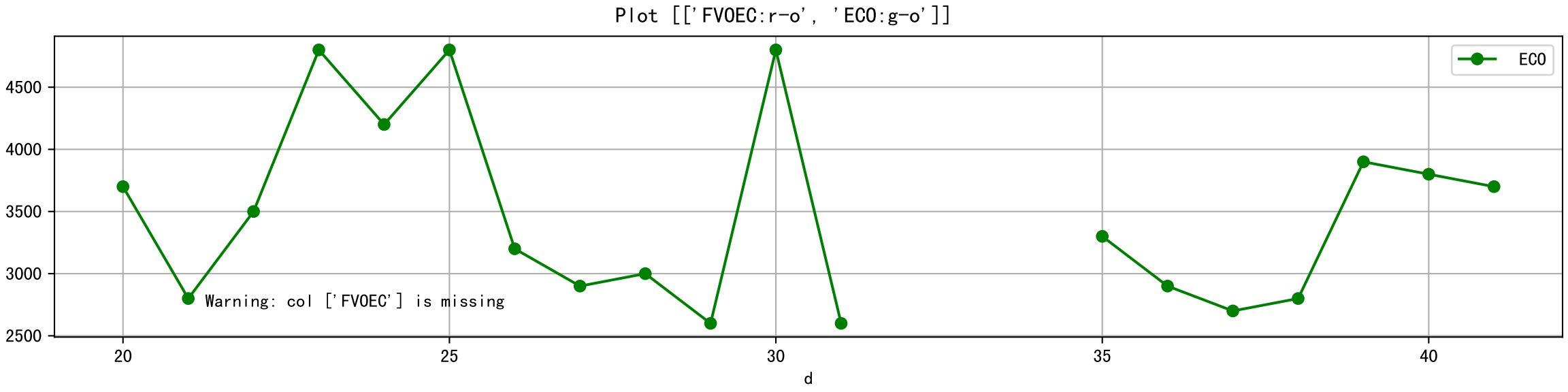

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
50
100
150
200
d

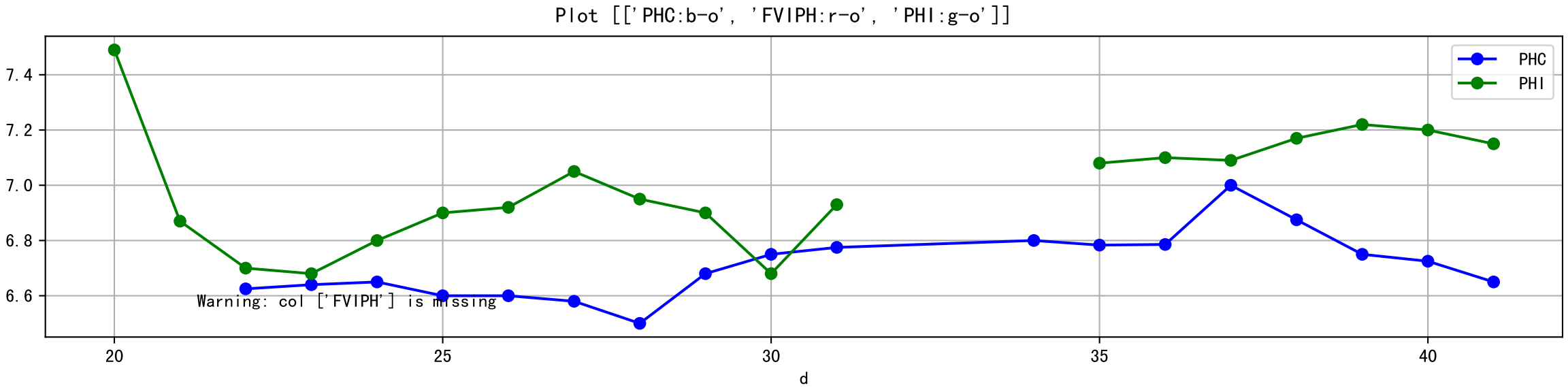

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
setVI_VN
slSetVI
70
60
50
40
30
20
10
0
10
20
30
40
50
d

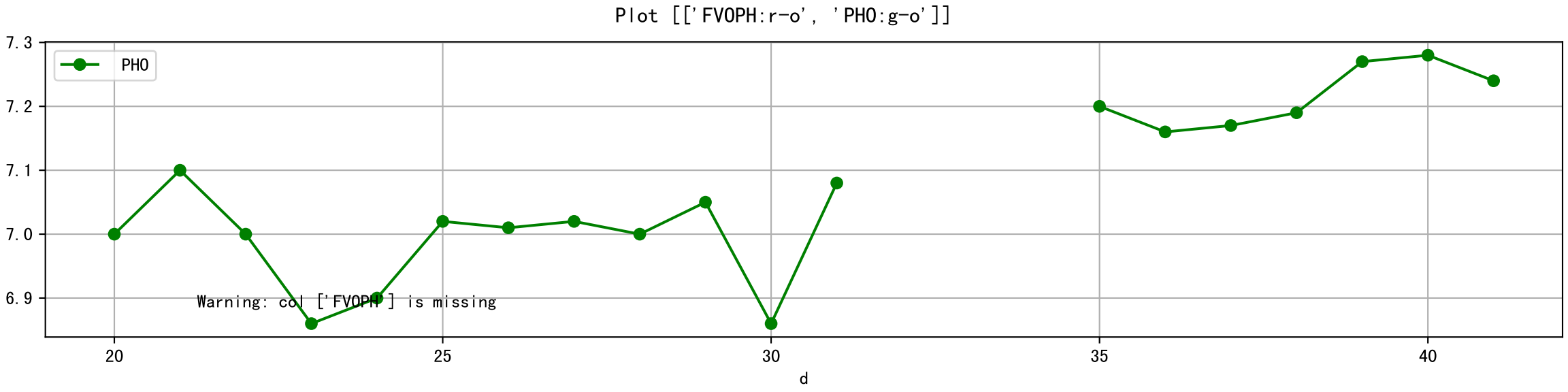

Plot ['VI_pcterr', 'VO_pcterr', 'VN_pcterr']
Warning: col ['VI_pcterr'] missing
Warning: col ['VO_pcterr'] missing
Warning: col ['VN_pcterr'] missing
0.0
0.2
0.4
0.6
0.8
1.0

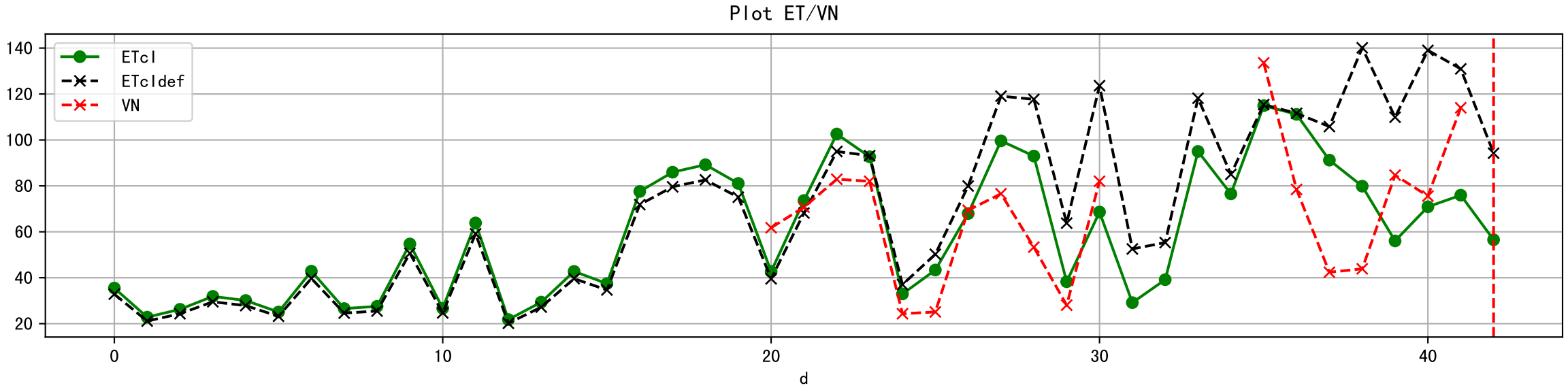

Plot [['FRV:b-o', 'FVI:r-o', 'VI:g-o']]
FRV
VI
Warning: col ['FVI'] is missing
250
200
150
100
50
0
10
20
30
40
d

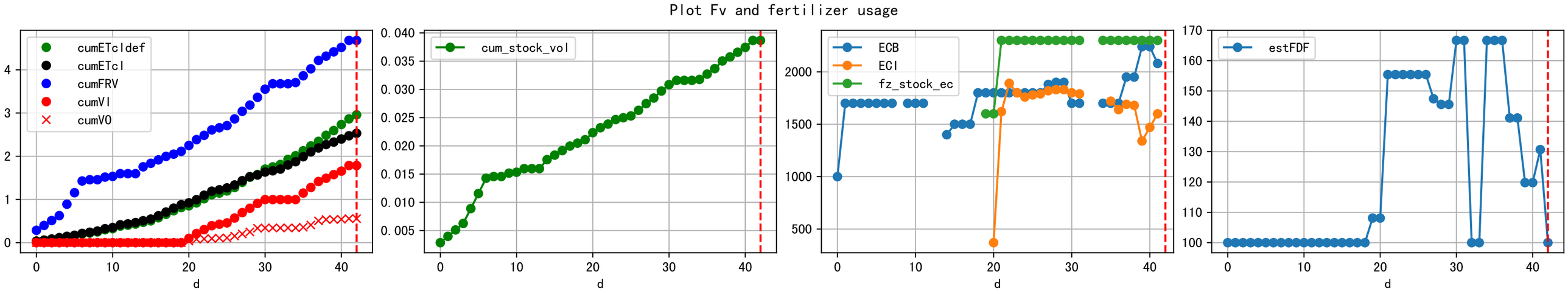

Plot [['ECC:b-o', 'FVIEC:r-o', 'ECI:g-o']]
ECC
ECI
Warning: col ['FVIEC'] is missing
2000
1750
1500
1250
1000
750
500
20
25
30
35
40
d

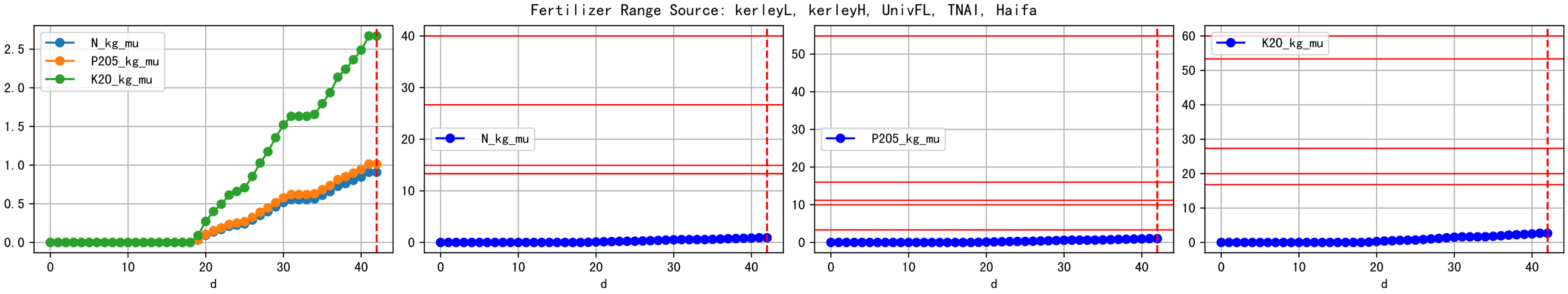

Plot [['FVOEC:r-o', 'ECO:g-o']]
ECO
Warning: col ['FVOEC'] is missing
4500
4000
3500
3000
2500
20
25
30
35
40
d

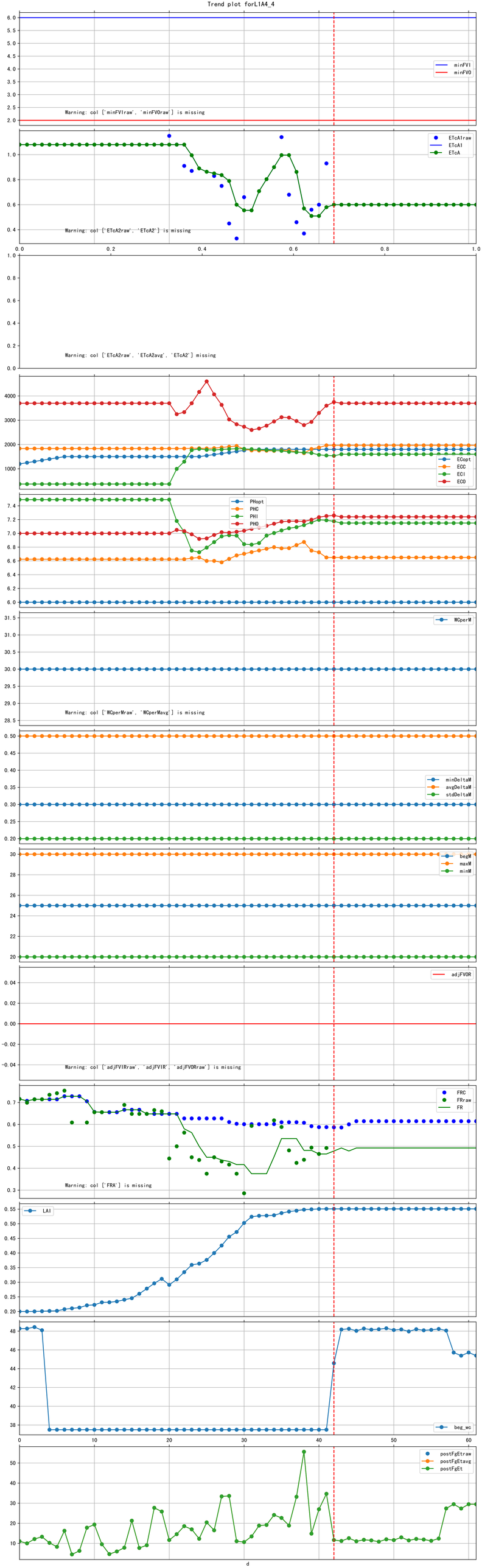

Plot [['PHC:b-o', 'FVIPH:r-o', 'PHI:g-o']]
PHC
PHI
Warning: col ['FVIPH'] is missing
7.4
7.2
7.0
6.8
6.6
20
25
30
35
40
d

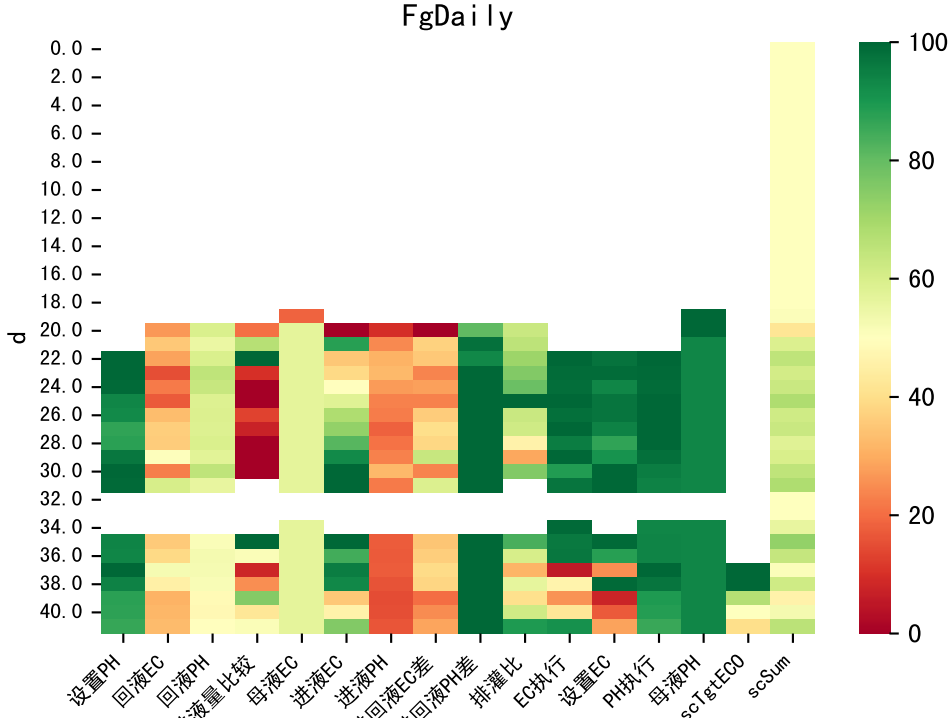

Plot [['FVOPH:r-o', 'PHO:g-o']]
PHO
7.3
7.2
7.1
7.0
6.9
Warning: col ['FVOPH'] is missing
20
25
30
35
40
d


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

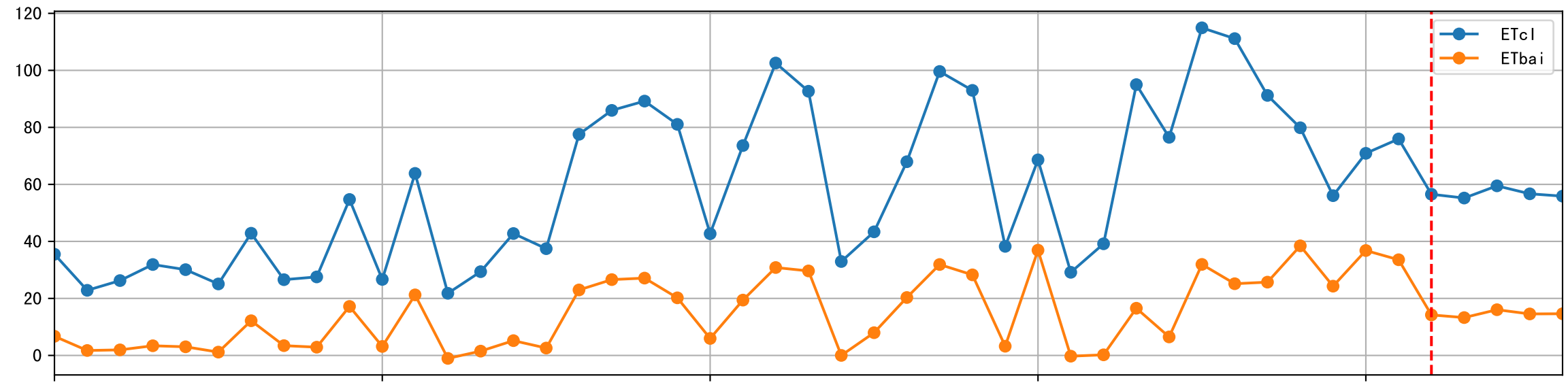

Plot Fv and fertilizer usage
cumETcIdef
cumETcI
cumFRV
cumVI
cumVO
d
cum_stock_vol
d
ECB
ECI
fz_stock_ec
d
estFDF
d

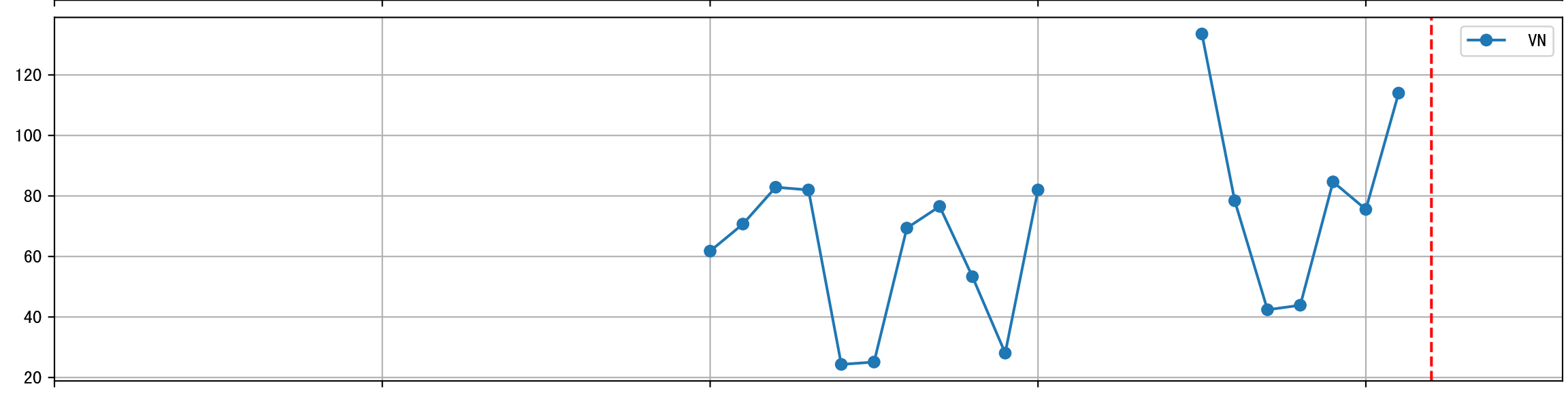

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

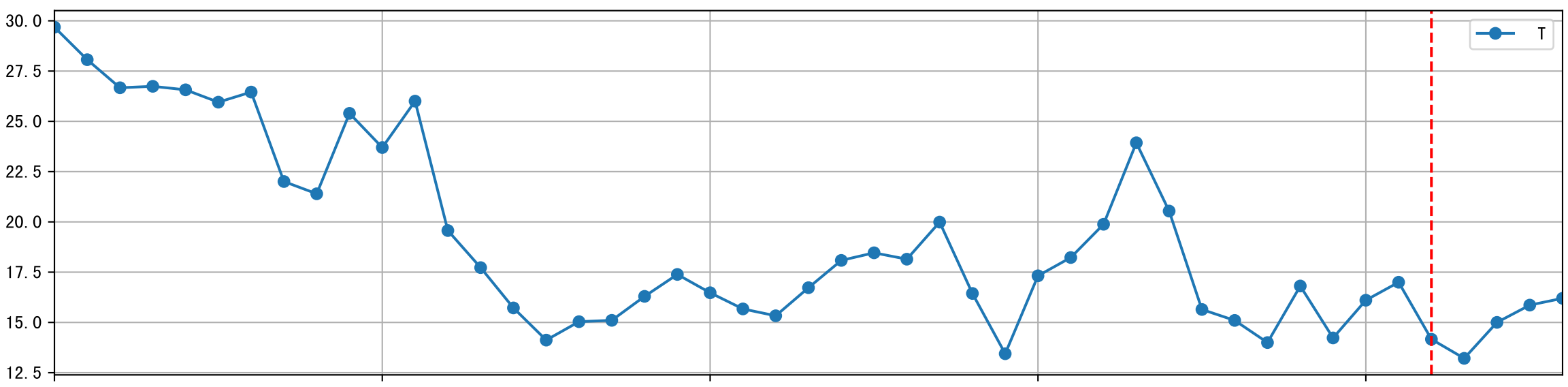

Trend plot forL1A4_4
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA1raw
ETcA1
ETcA
Warning: col ['ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
ECC
ECI
ECO
PHopt
PHC
PHI
PHO
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFVOR
Warning: col ['adjFVIRraw', 'adjFVIR', 'adjFVORraw'] is missing
FRC
FRraw
FR
Warning: col ['FRA'] is missing
LAI
beg_wc
postFgEtraw
postFgEtavg
postFgEt
d

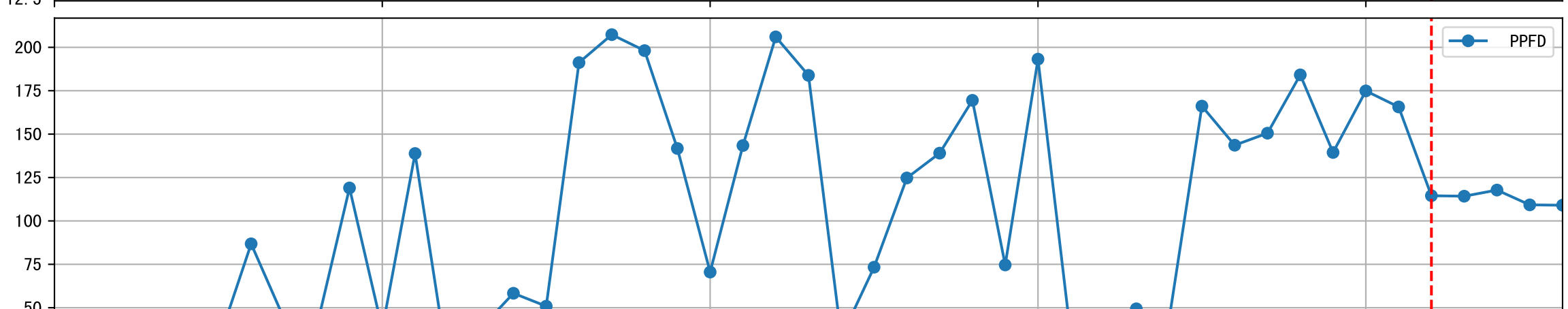

FgDaily
d
0.0
2.0
4.0
6.0
8.0
10.0
12.0
14.0
16.0
18.0
20.0
22.0
24.0
26.0
28.0
30.0
32.0
34.0
36.0
38.0
40.0
100
80
60
40
20
0
设置PH
回液EC
回液PH
液量比较
母液EC
进液EC
进液PH
回液EC差
回液PH差
排灌比
EC执行
设置EC
PH执行
母液PH
scTgtEC0
scSum

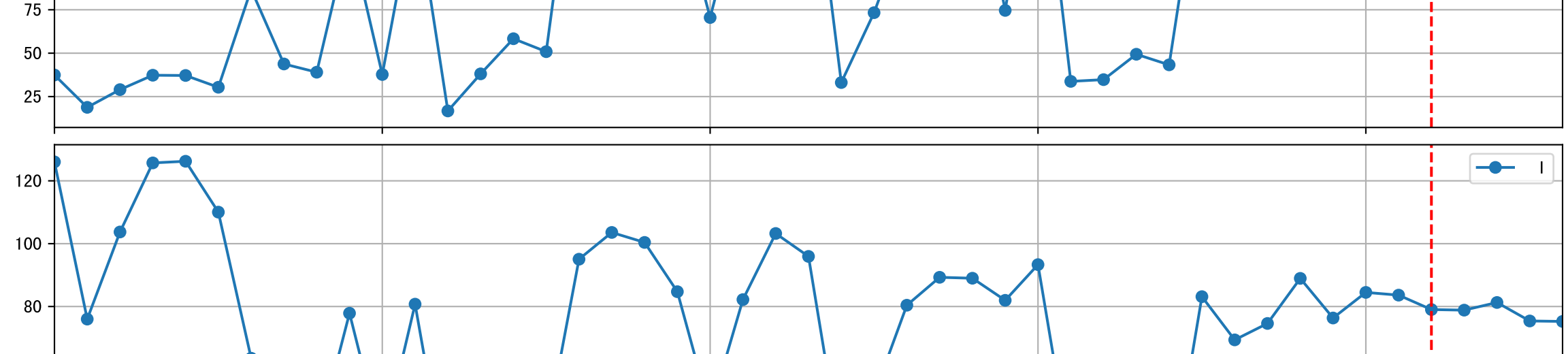
L1A4_4

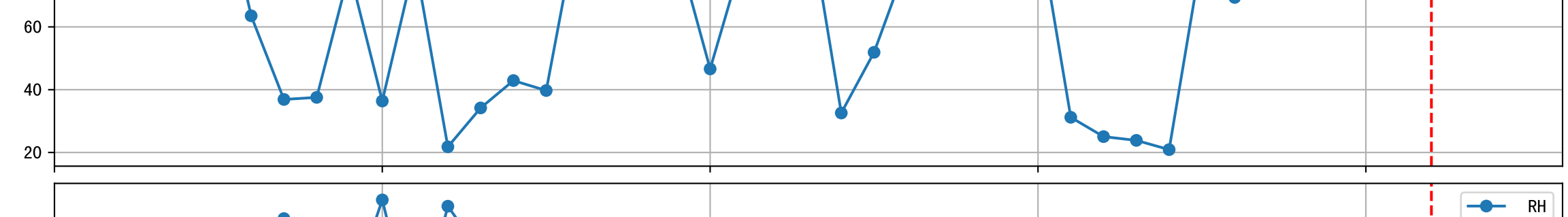


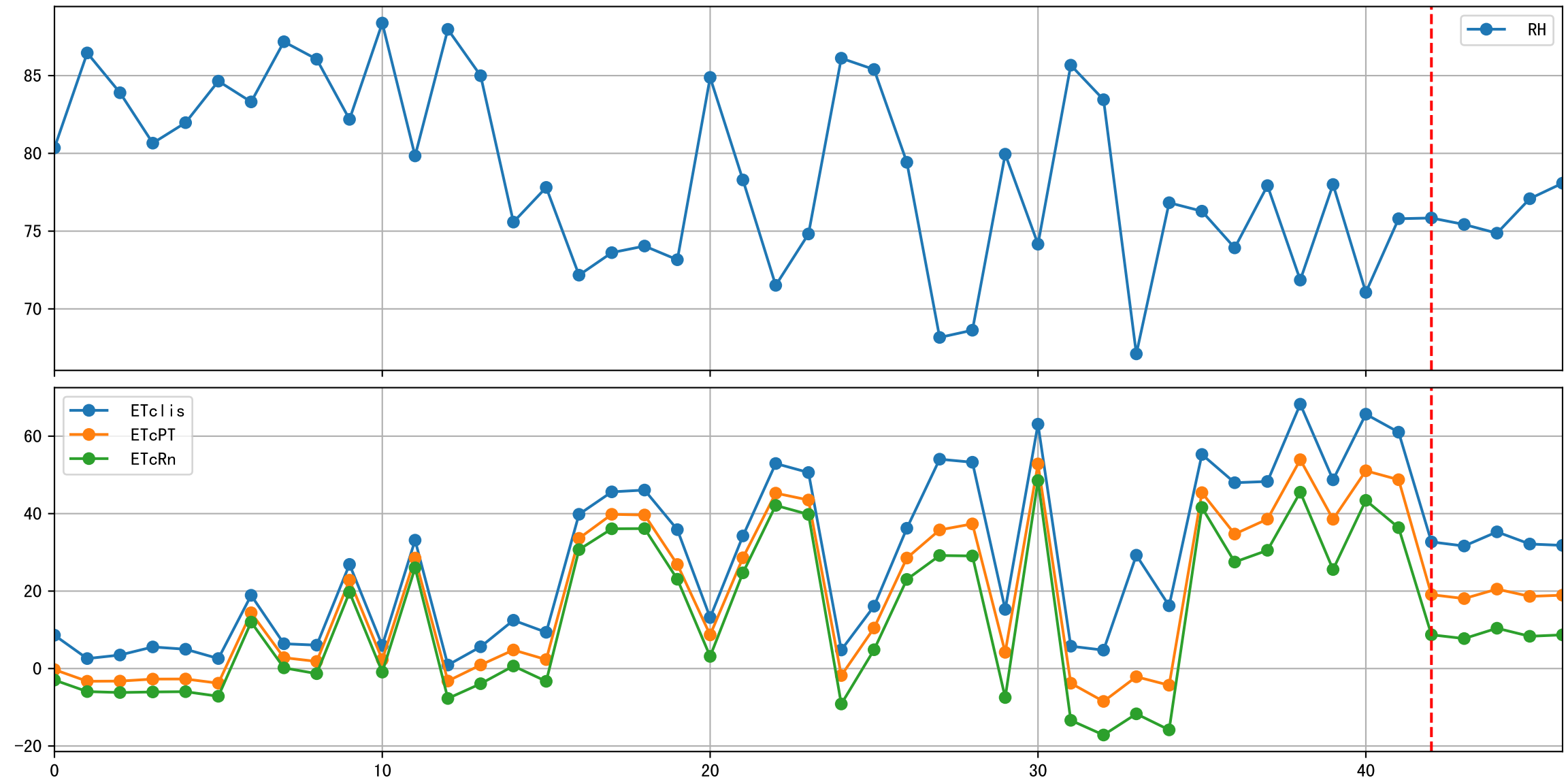


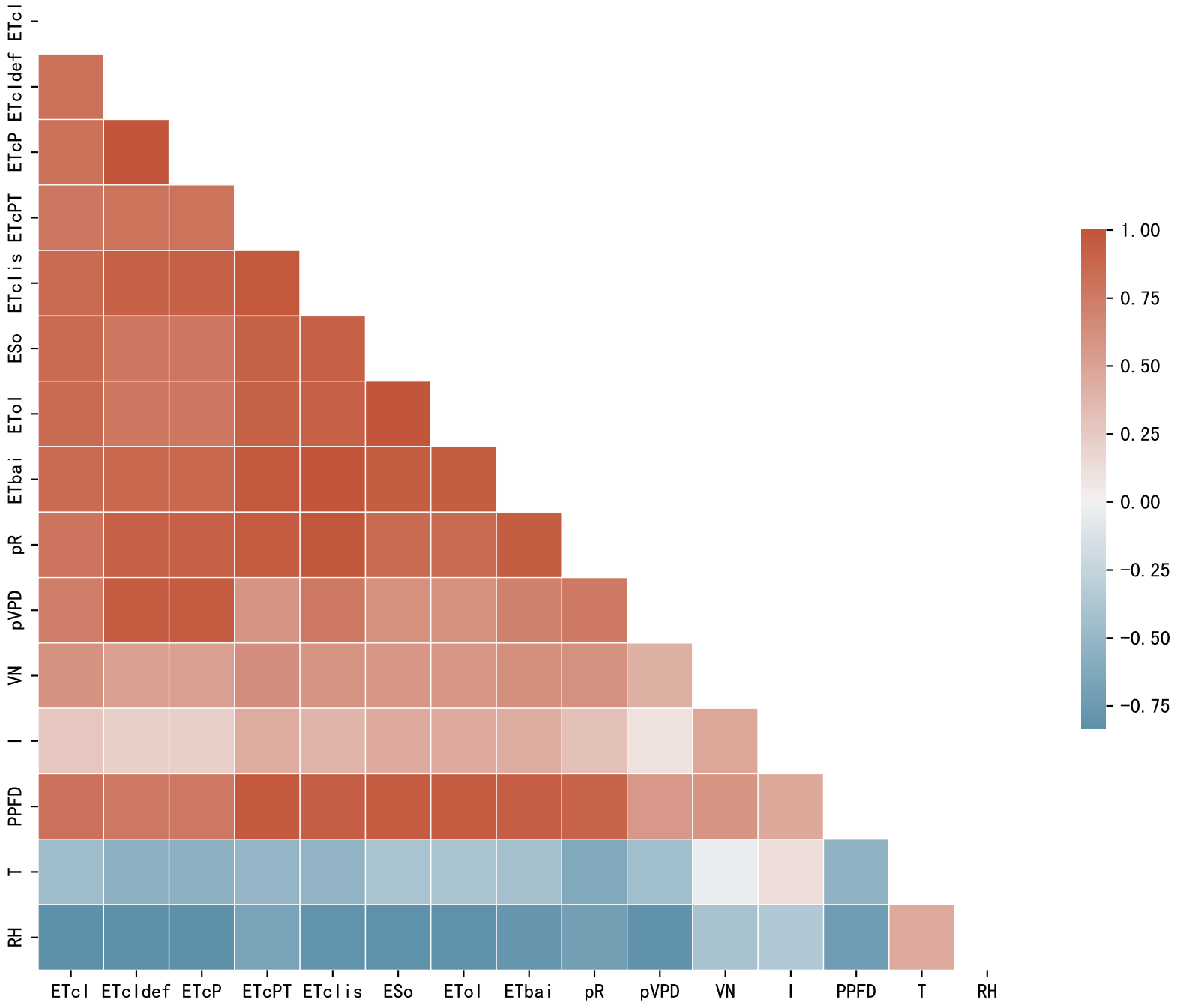


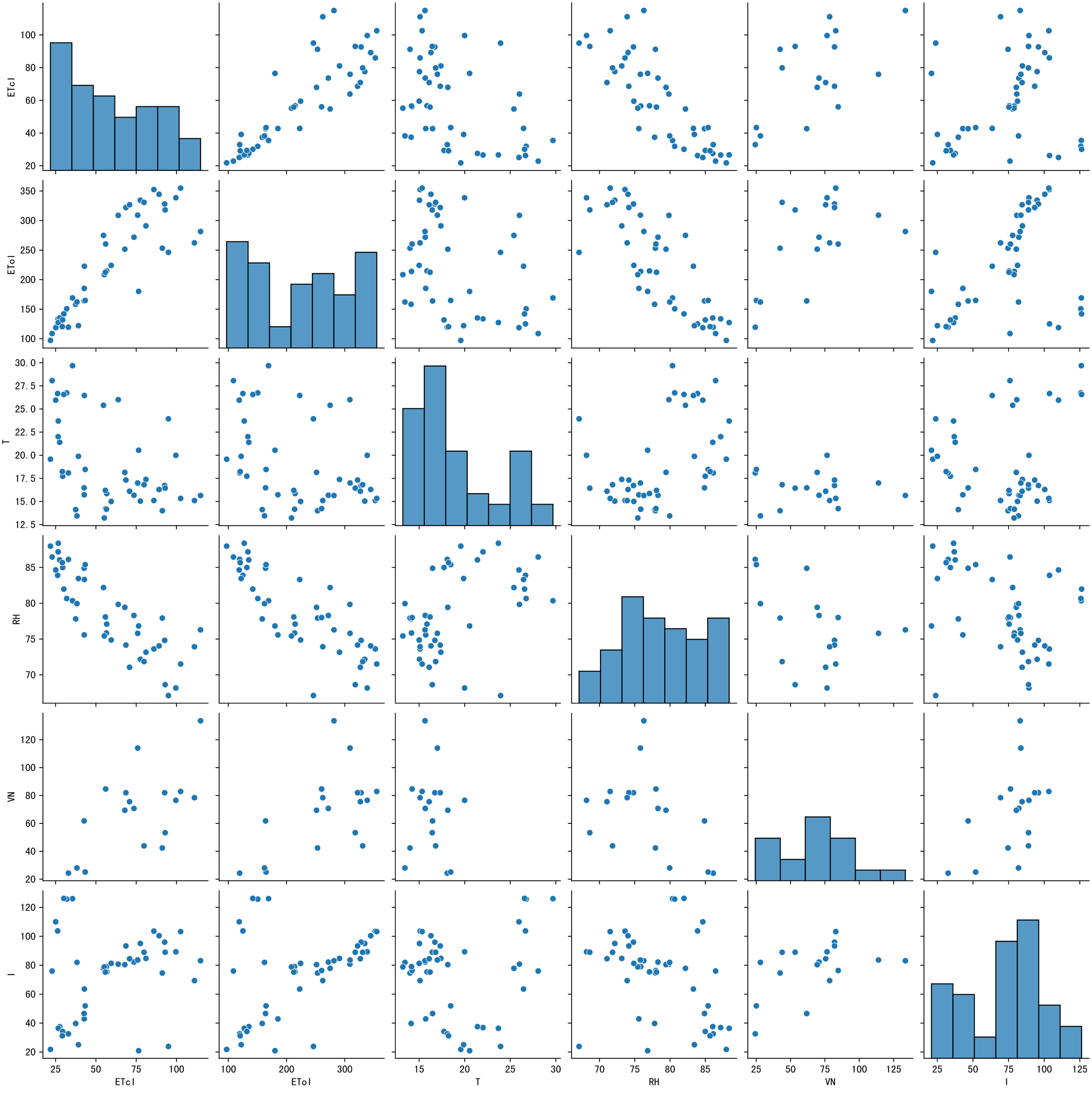


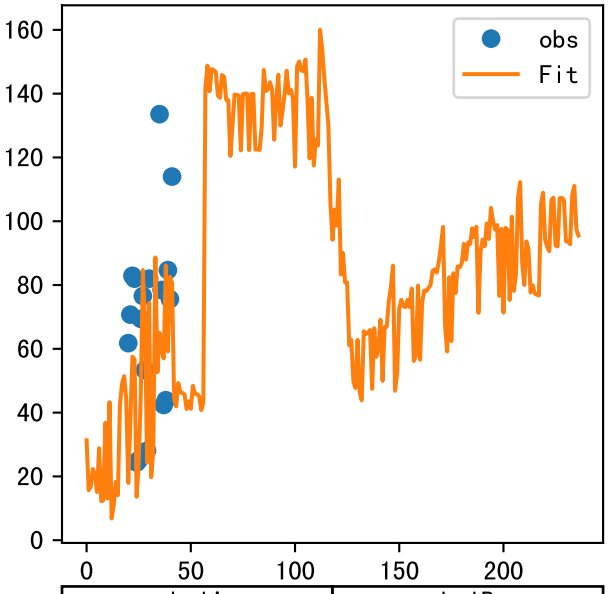


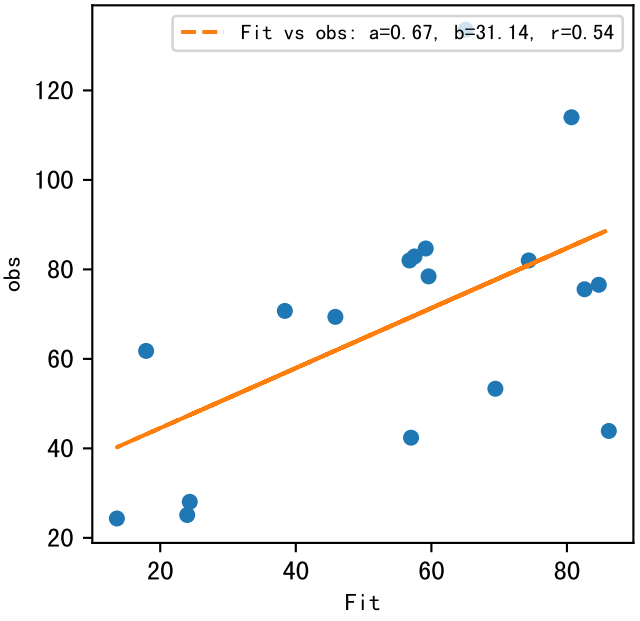




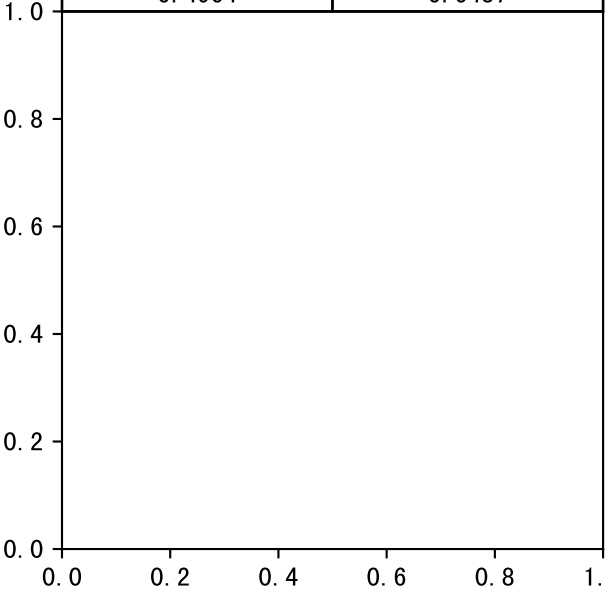

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
VN
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

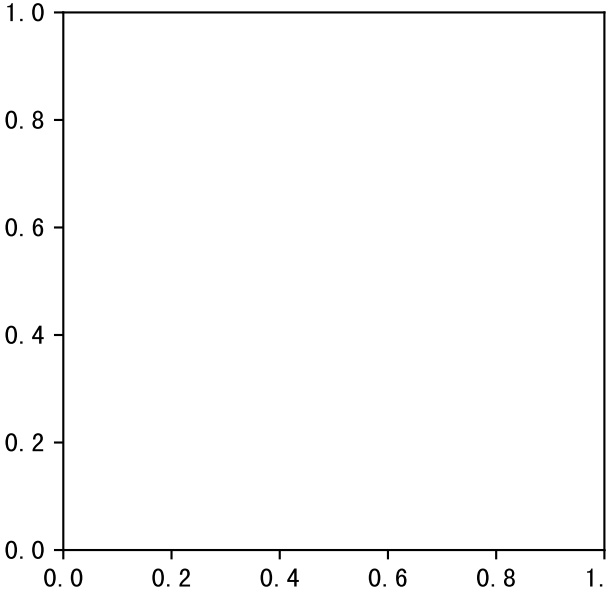

ETcl
ETol
T
RH
VN
I
ETcl
ETol
T
RH
VN
I

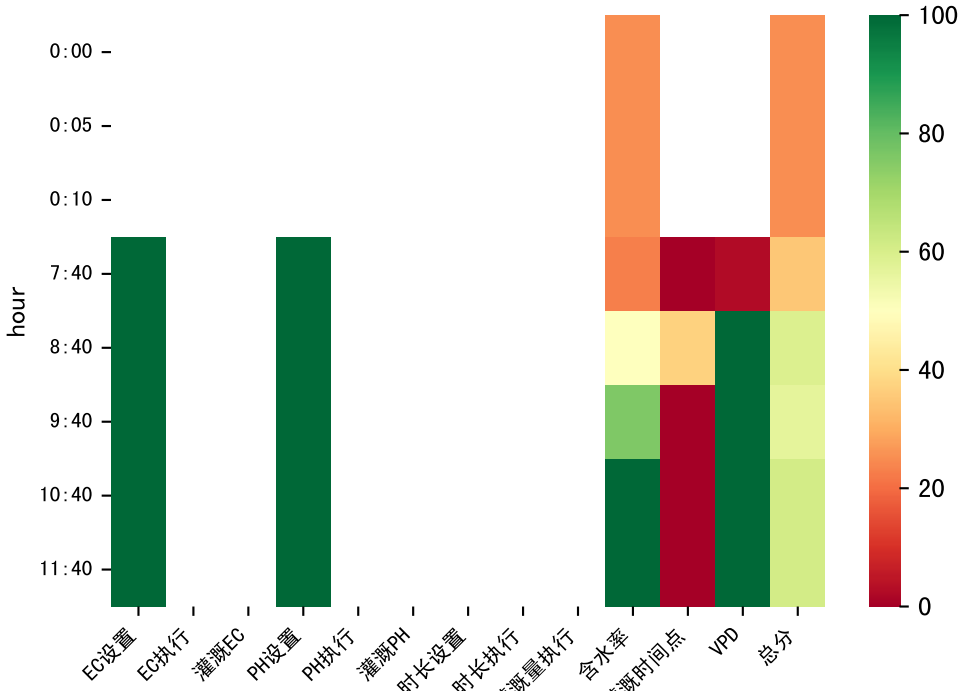




baiA	baiB
0.4904	0.0437

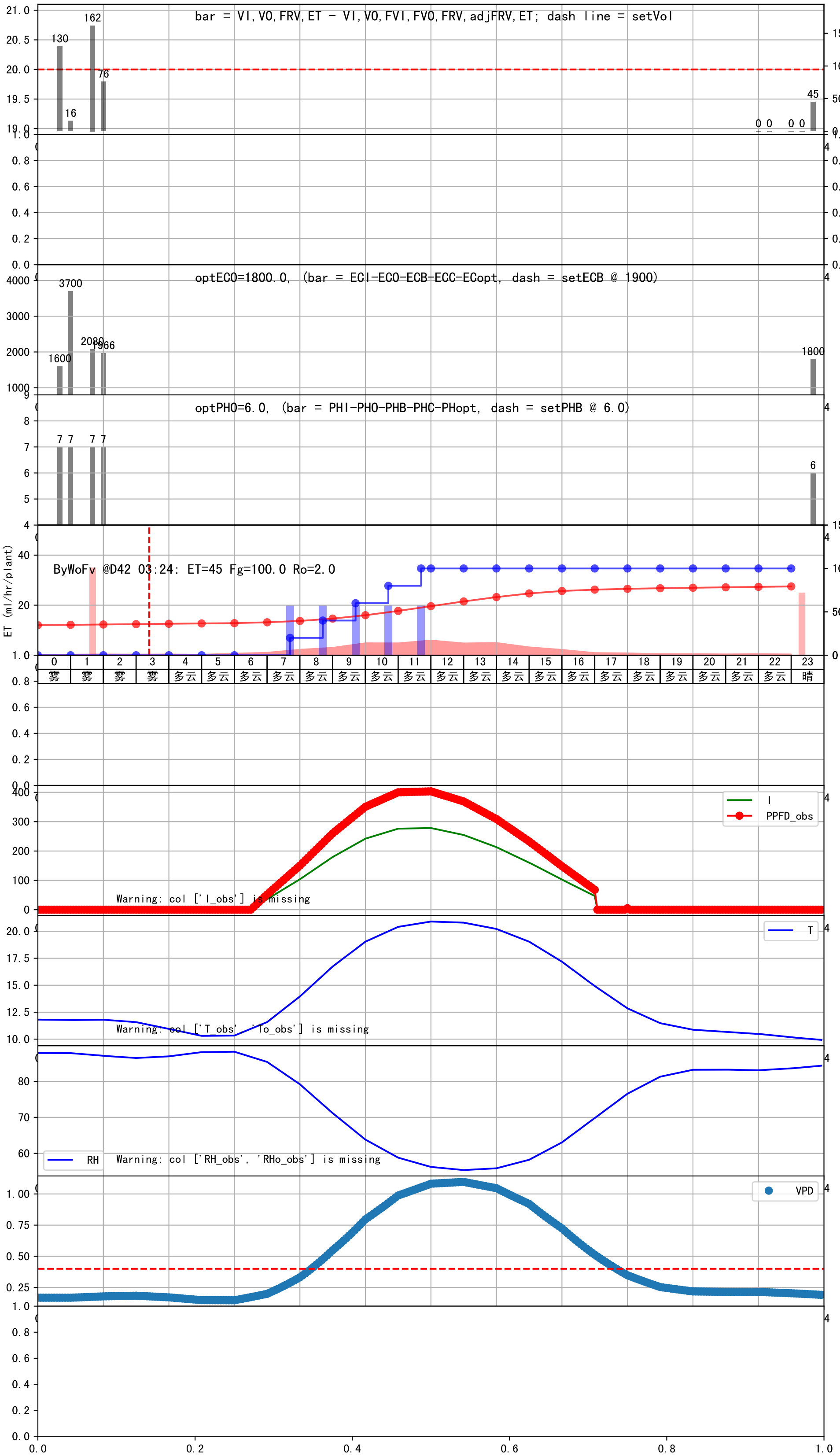


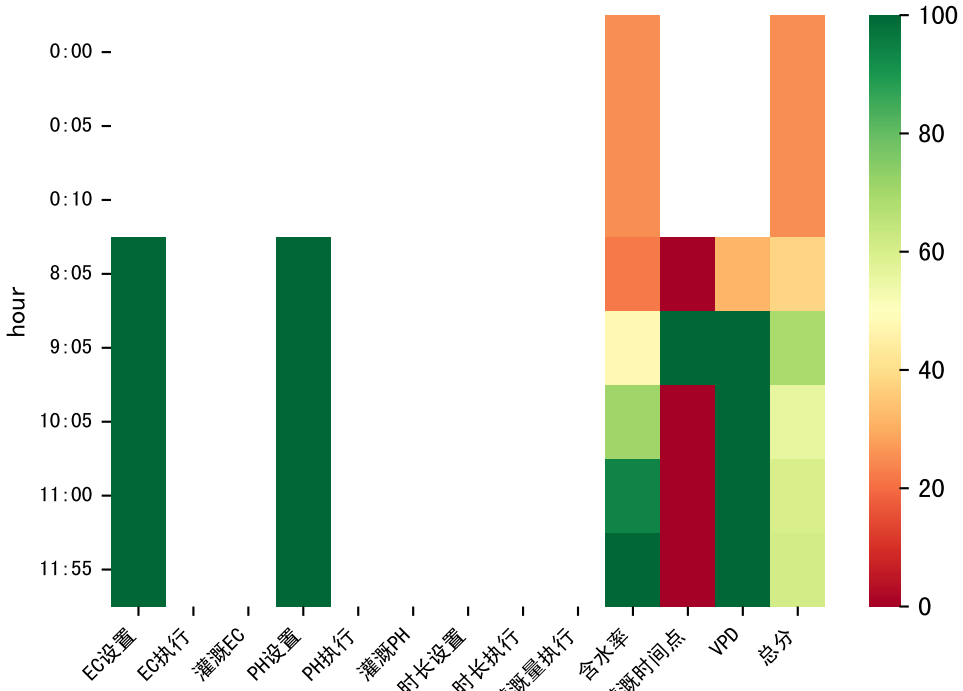



hour
0:00
0:05
0:10
7:40
8:40
9:40
10:40
11:40
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
07:40	42	20.0	0.081	多云	预期@07:40 自主（未用传感器）
08:40	42	20.0	0.081	多云	预期@08:40 自主（未用传感器）
09:40	42	20.0	0.081	多云	预期@09:40 自主（未用传感器）
10:40	42	20.0	0.081	多云	预期@10:40 自主（未用传感器）
11:40	42	20.0	0.081	多云	预期@11:40 自主（未用传感器）
总计	210.0 (5次)	100.0			建议进液EC：1900， PH：6.0

L1A4_4, Day=42 (2025-11-17)

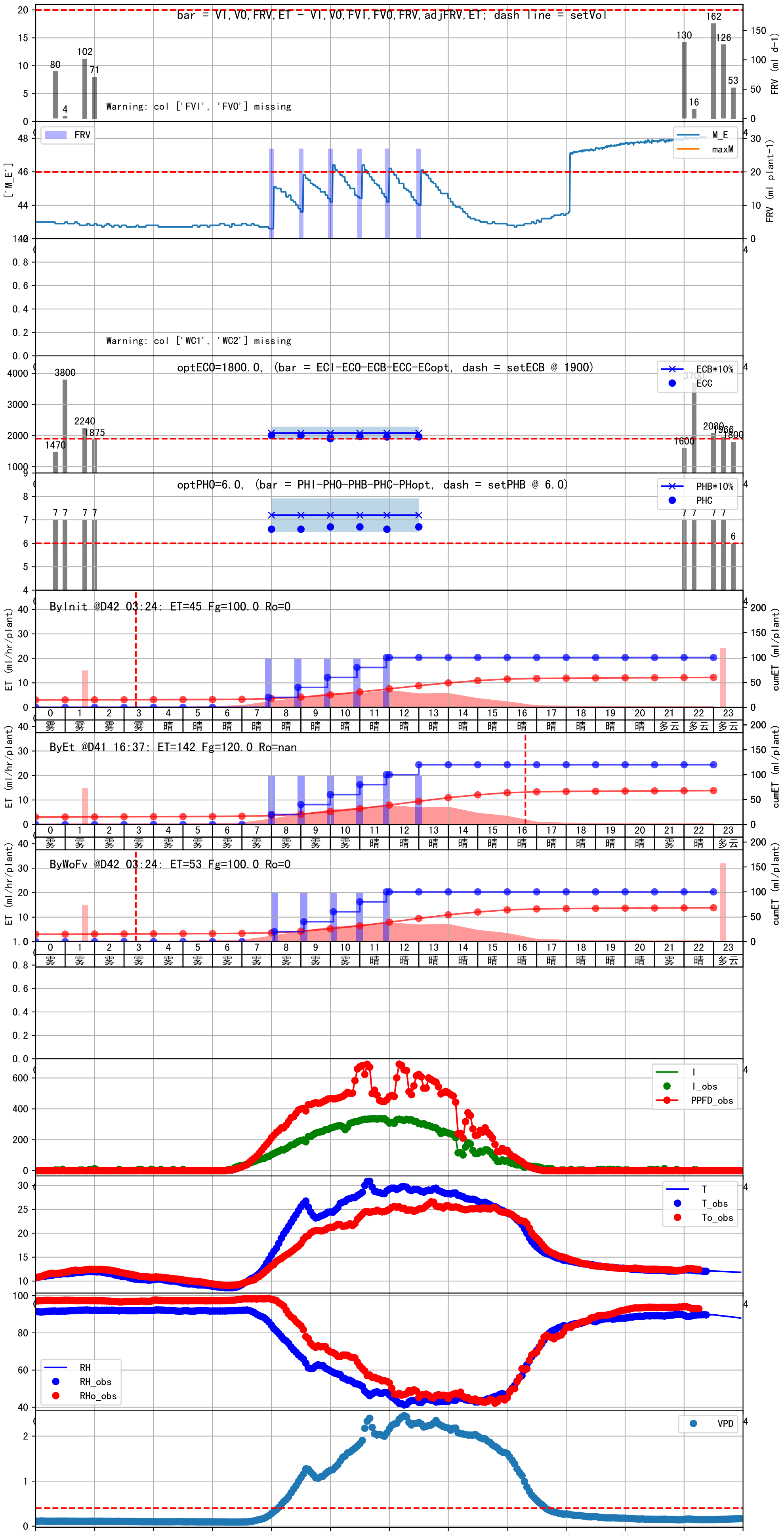


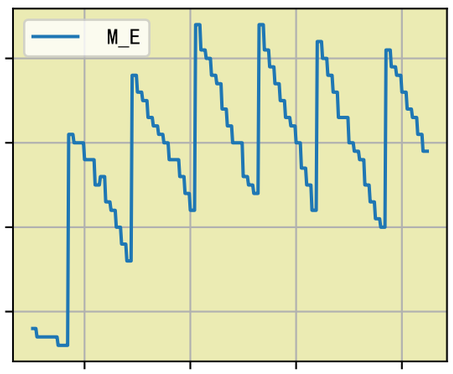

hour
0:00
0:05
0:10
8:05
9:05
10:05
11:00
11:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

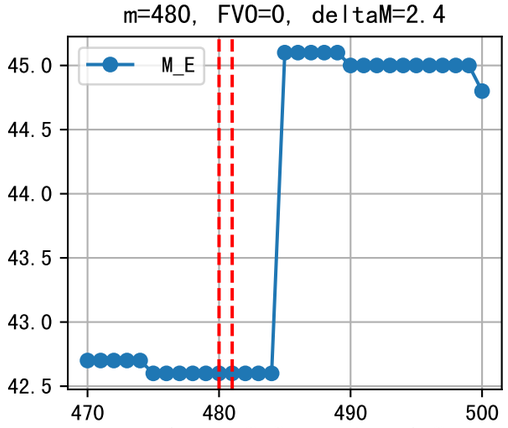
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:05	44	20.0	0.081	雾	假设@08:05 自动（未用传感器）
09:05	44	20.0	0.081	雾	假设@09:05 自动（未用传感器）
10:05	44	20.0	0.081	雾	假设@10:05 自动（未用传感器）
11:00	44	20.0	0.081	晴	假设@11:00 自动（未用传感器）
11:55	44	20.0	0.081	晴	假设@11:55 自动（未用传感器）
总计	220.0 (5次)	100.0			建议进液EC：1900， PH：6.0

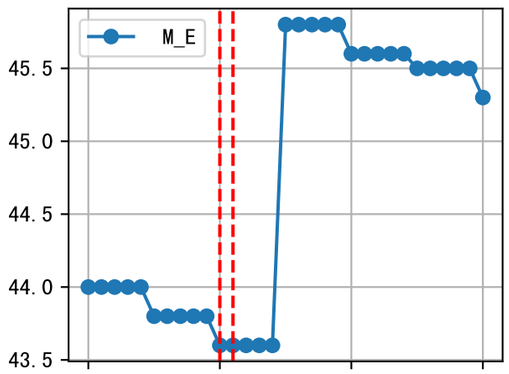
施肥机灌溉量与预期值不符 (27.0 : 21.0)，可能水表需要校准
默认实际灌溉21.0 ml.

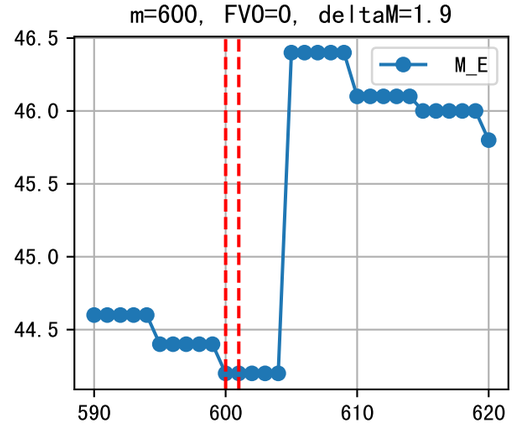
L1A4_4, Day=41 (2025-11-16)

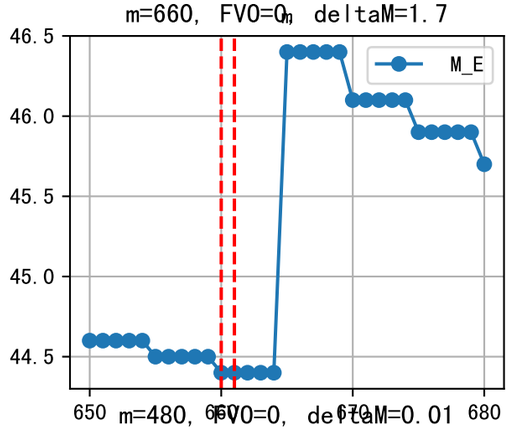


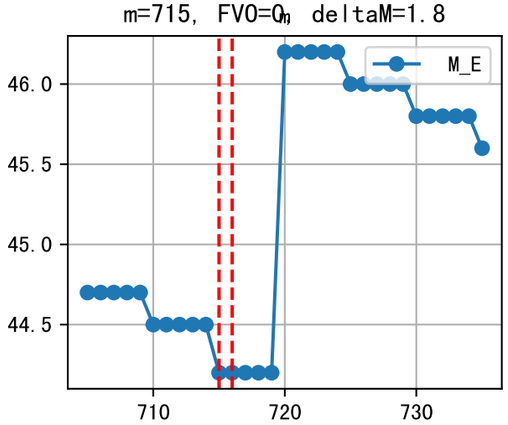

M_E

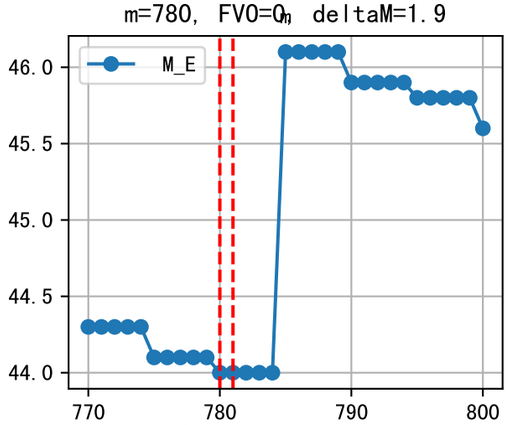

m=480, FV0=0, deltaM=2.4
M_E

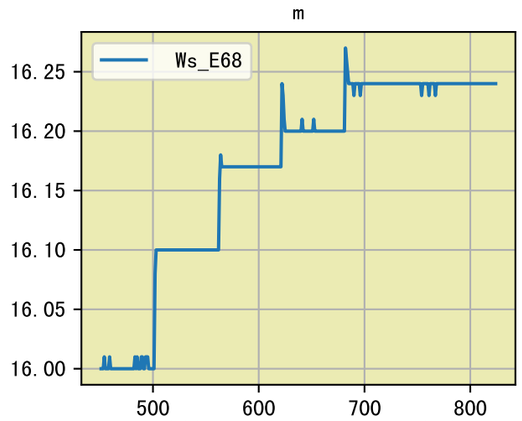

M_E

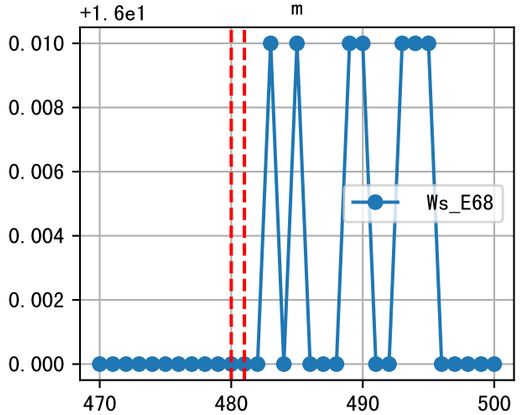

m=600, FV0=0, deltaM=1.9
M_E
m

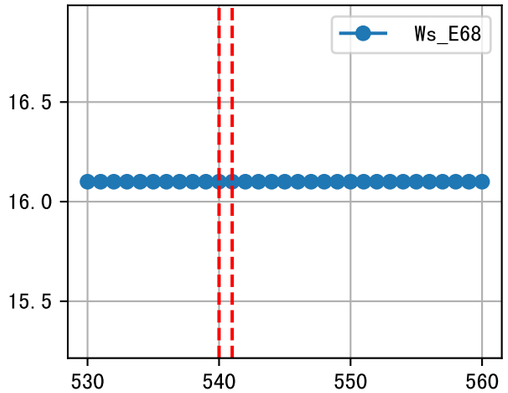

m=660, FV0=0, deltaM=1.7
M_E
m=480, FV0=0, deltaM=0.01
+1.6e1
m

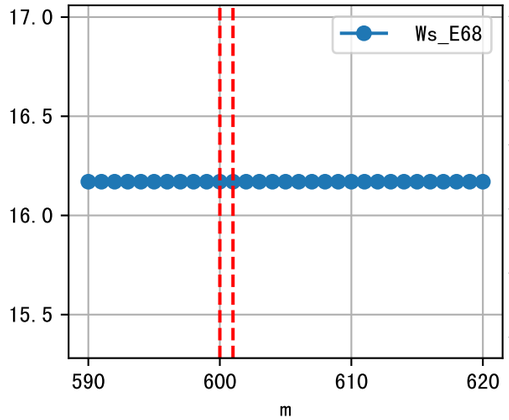

m=715, FV0=0, deltaM=1.8
M_E
m=540, FV0=0, deltaM=0.0

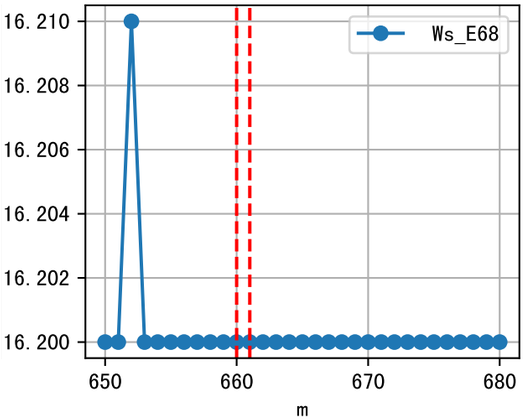

m=780, FV0=0, deltaM=1.9
M_E
m=600, FV0=0, deltaM=0.0

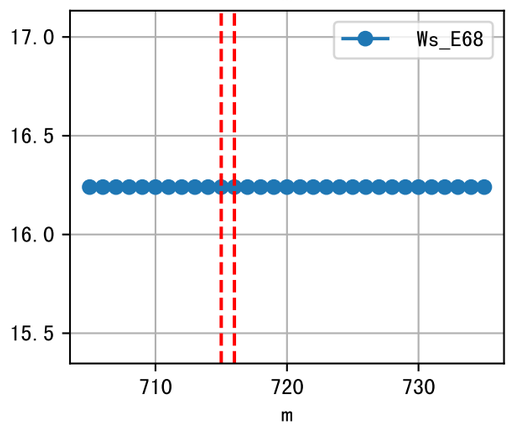

Ws_E68
m=660, FV0=0, deltaM=0.0

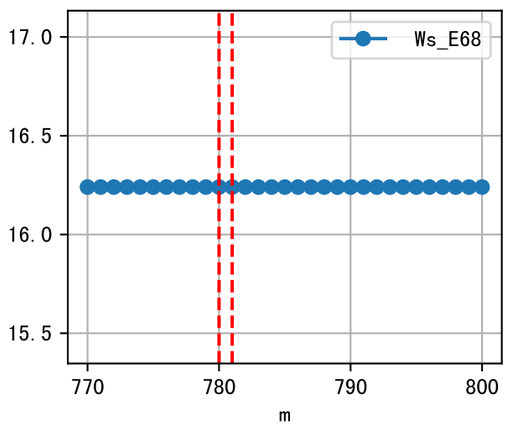

Ws_E68

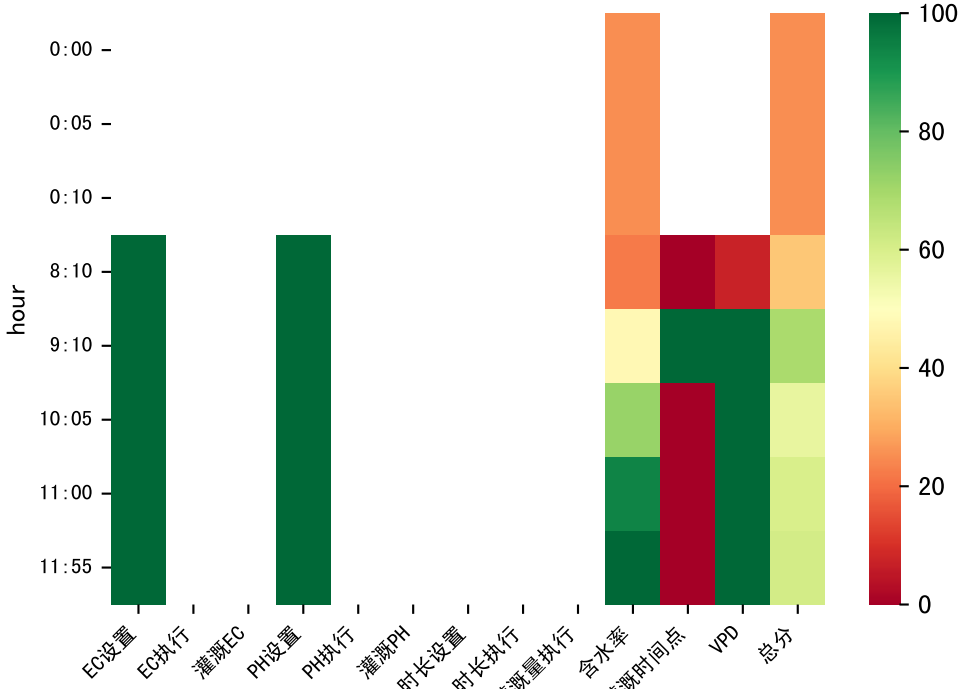

Ws_E68


Ws_E68
m


Ws_E68
m

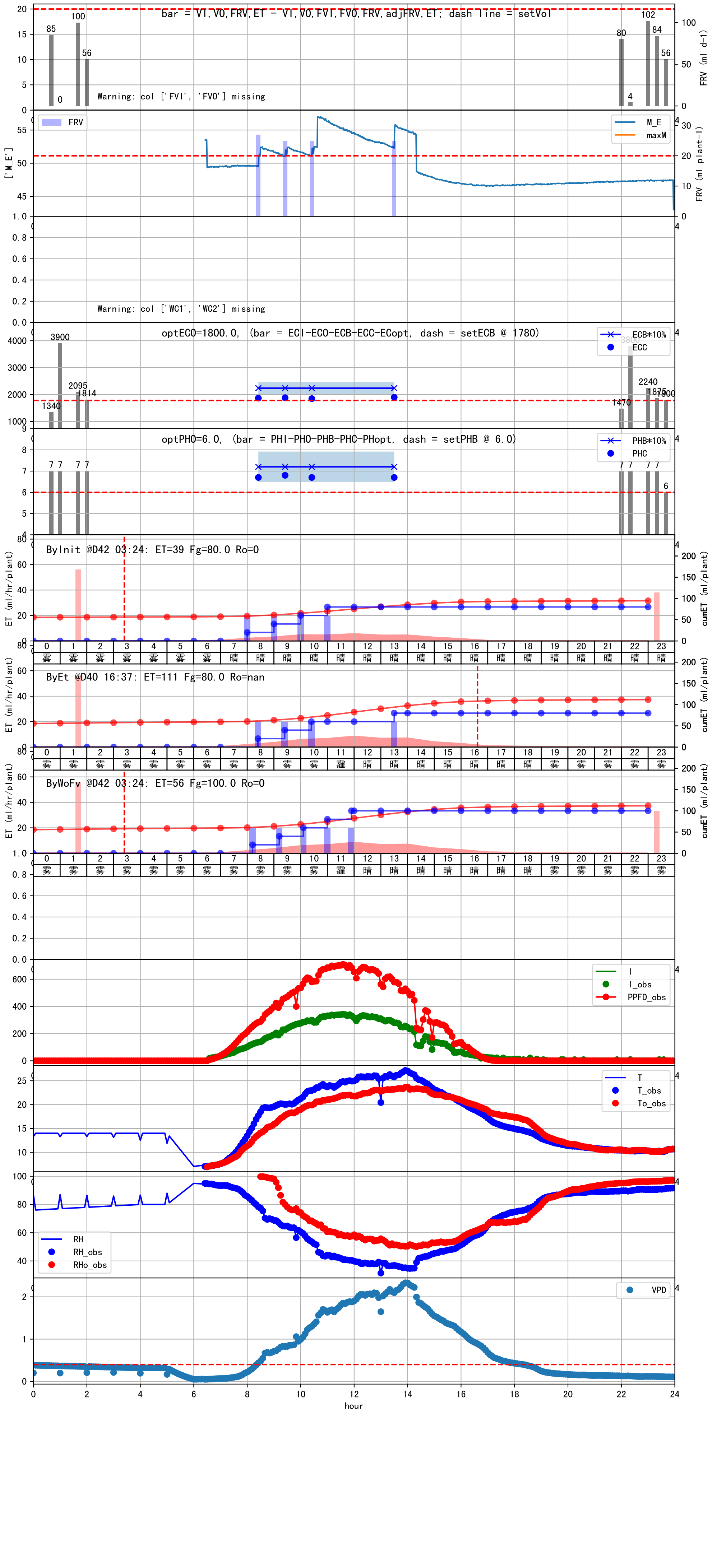

m=715, FV0=0, deltaM=0.0
Ws_E68
m

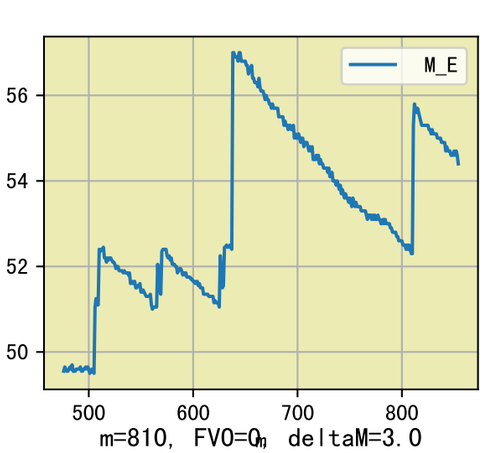

m=780, FV0=0, deltaM=0.0
Ws_E68
m

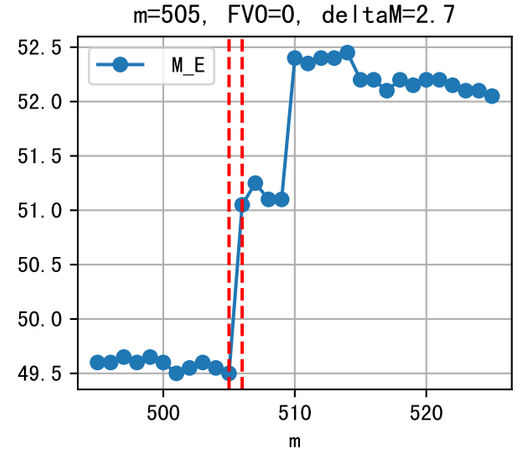

hour
0:00
0:05
0:10
8:10
9:10
10:05
11:00
11:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

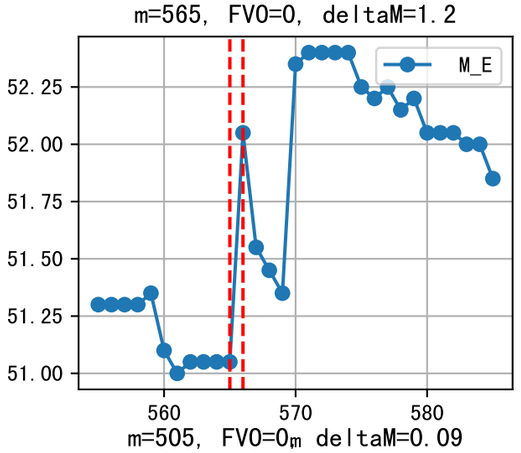
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:10	43	20.0	0.081	雾	假设@08:10 自动（未用传感器）
09:10	43	20.0	0.081	雾	假设@09:10 自动（未用传感器）
10:05	43	20.0	0.081	雾	假设@10:05 自动（未用传感器）
11:00	43	20.0	0.081	霾	假设@11:00 自动（未用传感器）
11:55	43	20.0	0.081	霾	假设@11:55 自动（未用传感器）
总计	215.0 (5次)	100.0			建议进液EC：1780， PH：6.0

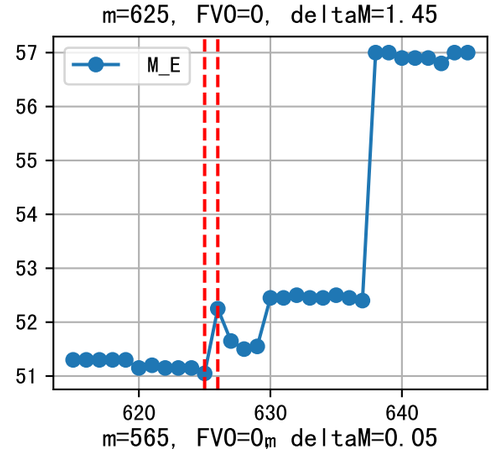
L1A4_4, Day=40 (2025-11-15)

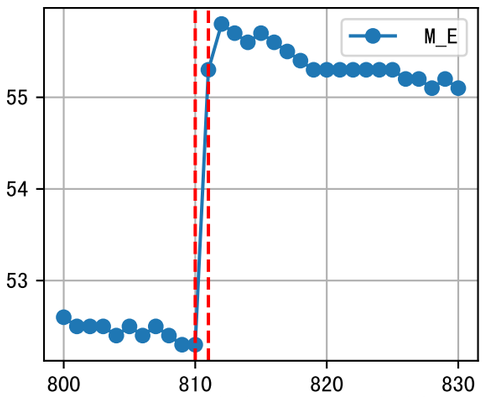


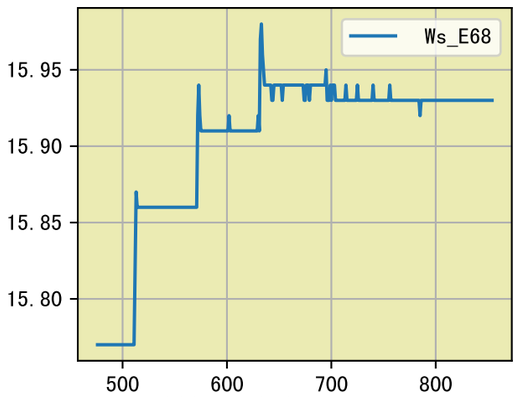

M_E

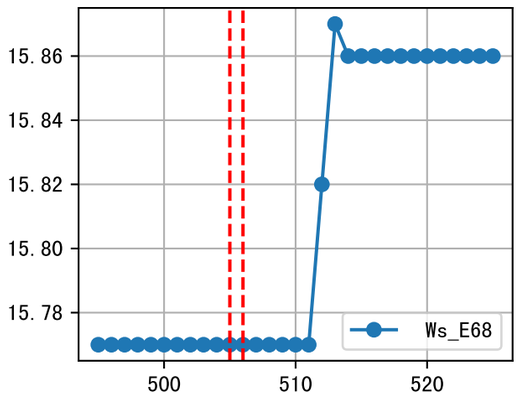

m=505, FV0=0, deltaM=2.7
M_E
m

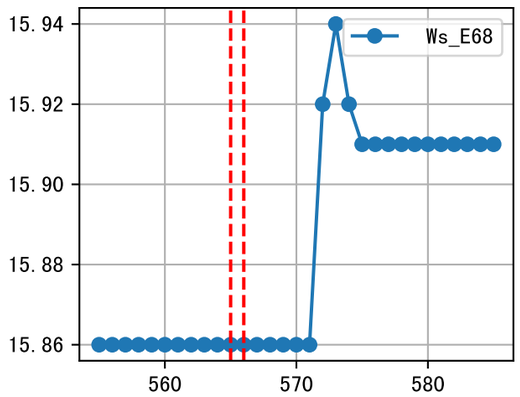

m=565, FV0=0, deltaM=1.2
M_E

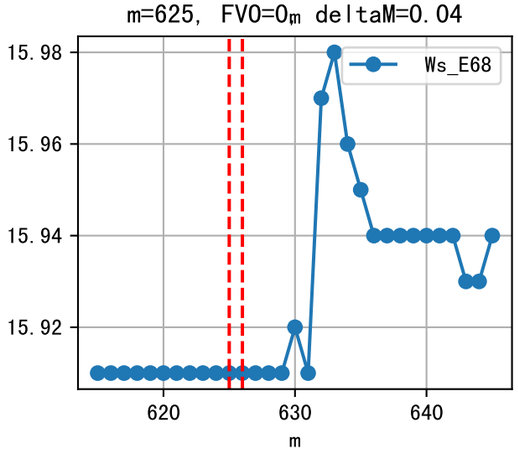

m=625, FV0=0, deltaM=1.45
M_E

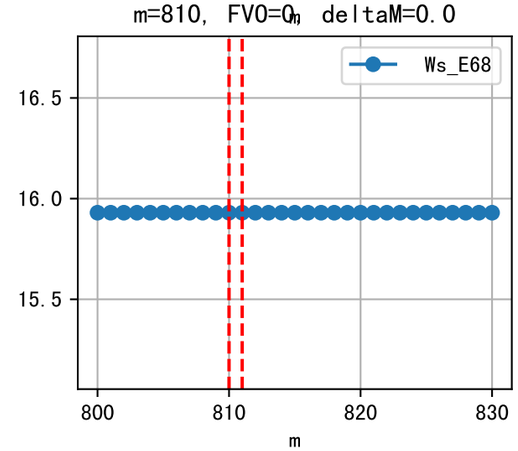

m=810, FV0=0, deltaM=3.0
M_E

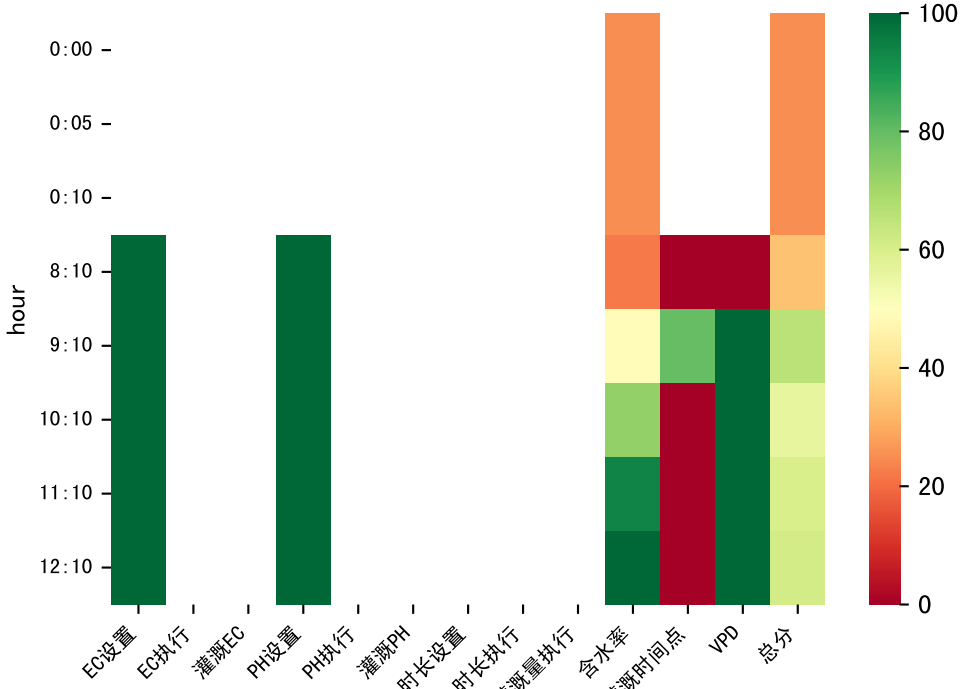

Ws_E68


m=505, FV0=0, deltaM=0.09
Ws_E68
m


m=565, FV0=0, deltaM=0.05
Ws_E68
m

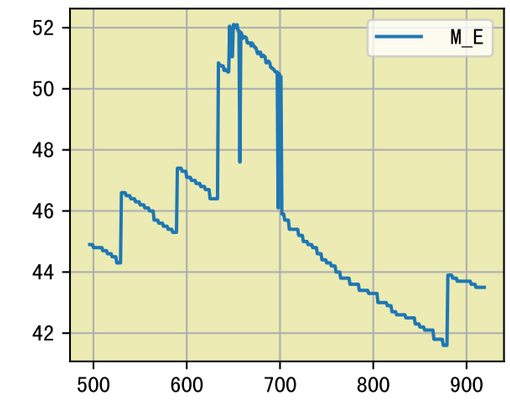

m=625, FV0=0, deltaM=0.04
Ws_E68
m

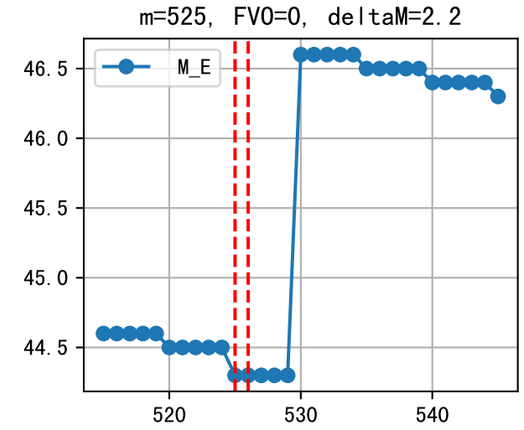

m=810, FV0=0, deltaM=0.0
Ws_E68
m

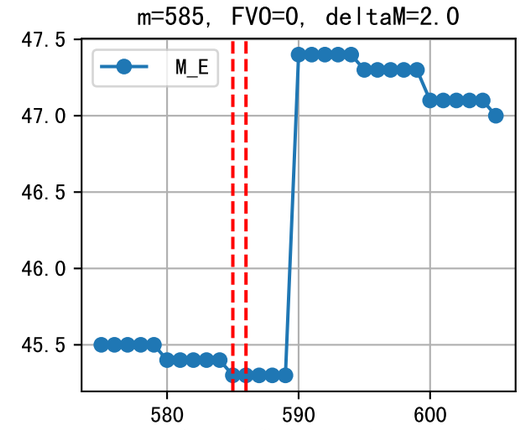

hour
0:00
0:05
0:10
8:10
9:10
10:10
11:10
12:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

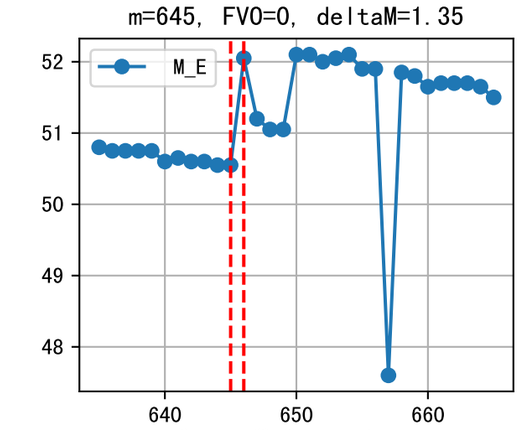
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:10	43	20.0	0.081	雾	假设@08:10 自动（未用传感器）
09:10	43	20.0	0.081	雾	假设@09:10 自动（未用传感器）
10:10	43	20.0	0.081	雾	假设@10:10 自动（未用传感器）
11:10	43	20.0	0.081	雾	假设@11:10 自动（未用传感器）
12:10	43	20.0	0.081	霾	假设@12:10 自动（未用传感器）
总计	215.0 (5次)	100.0			建议进液EC：1870， PH：6.0

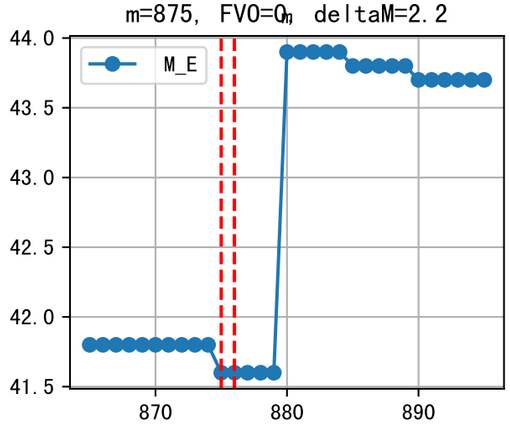
L1A4_4, Day=39 (2025-11-14)

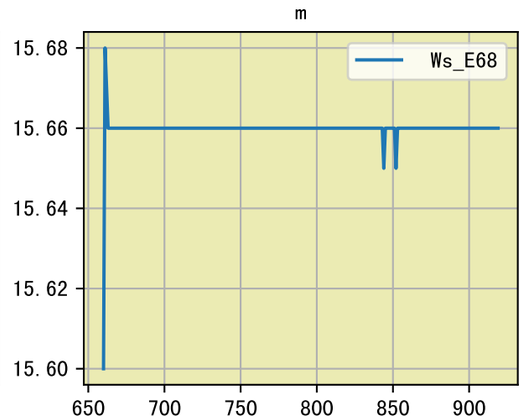

M_E

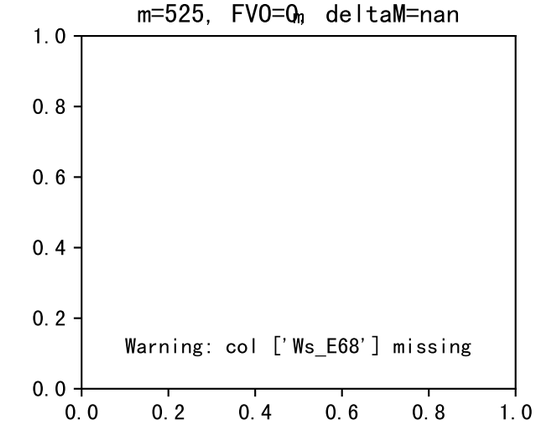

m=525, FVO=0, deltaM=2.2
M_E
m

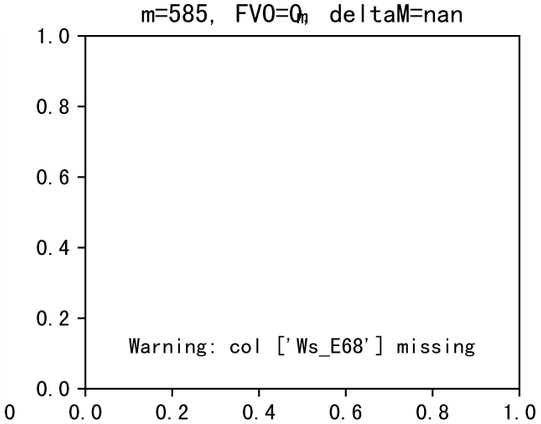

m=585, FVO=0, deltaM=2.0
M_E

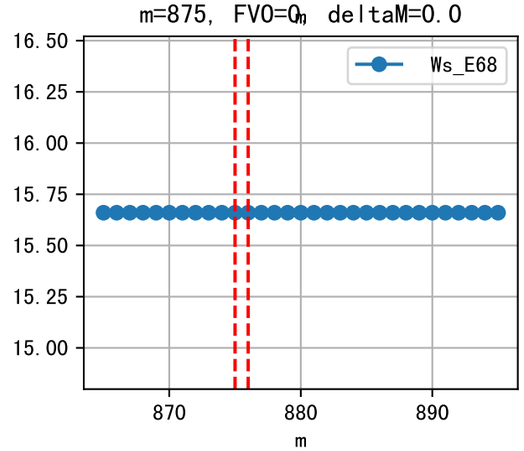

m=645, FVO=0, deltaM=1.35
M_E

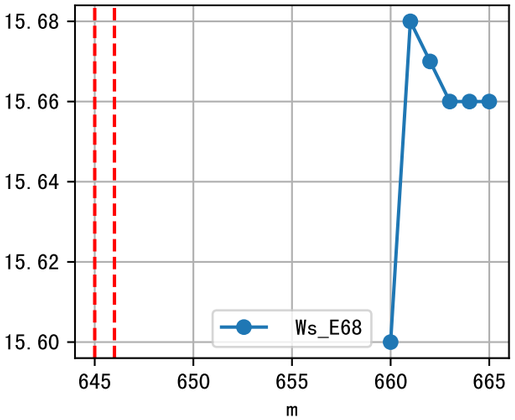

m=875, FVO=0, deltaM=2.2
M_E


m=525, FVO=0, deltaM=nan
Ws_E68
m

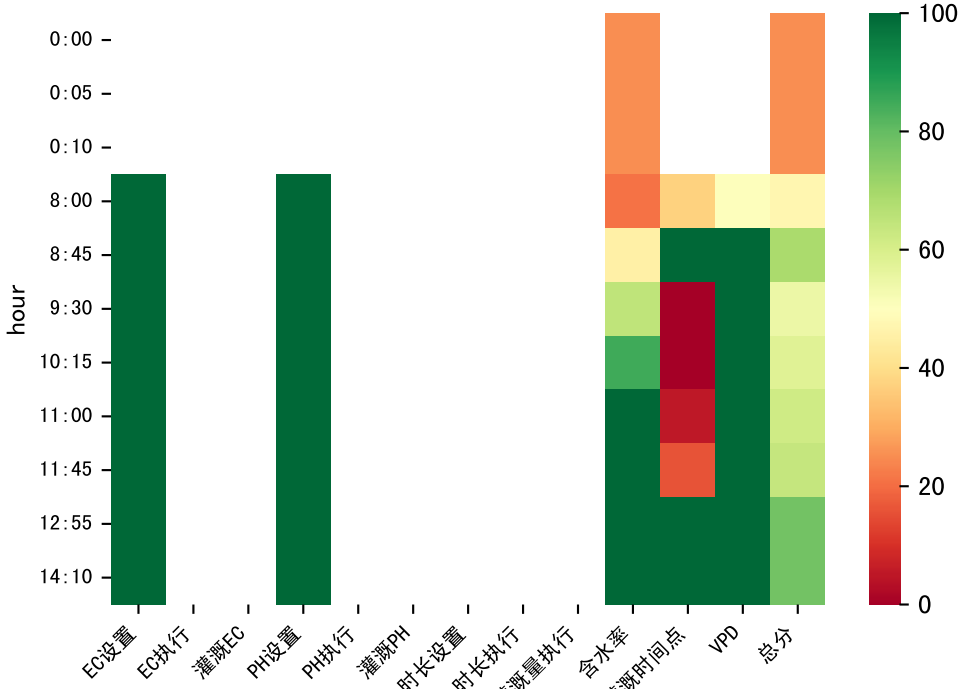

m=585, FVO=0, deltaM=nan
Warning: col ['Ws_E68'] missing


m=645, FVO=0, deltaM=nan
Warning: col ['Ws_E68'] missing


m=875, FVO=0, deltaM=0.0
Ws_E68
m

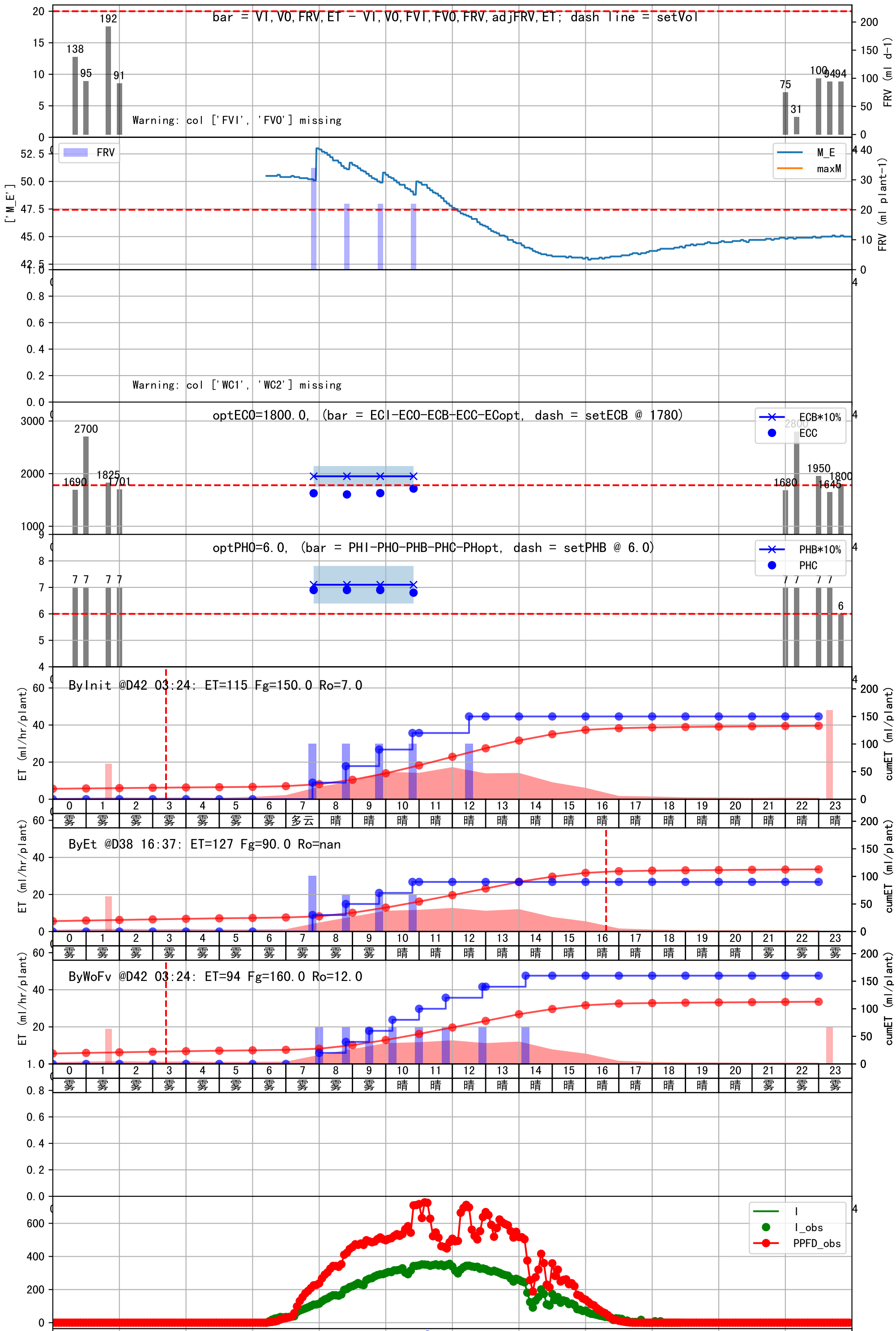

Ws_E68
m

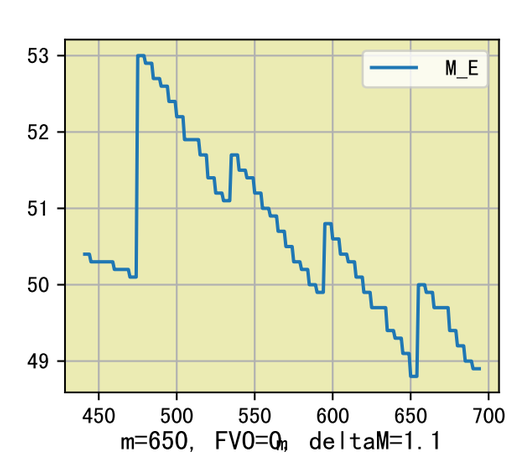
Ws_E68
m

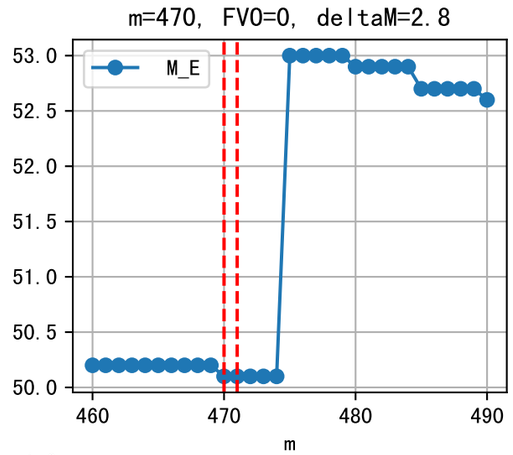

hour
0:00
0:05
0:10
8:00
8:45
9:30
10:15
11:00
11:45
12:55
14:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

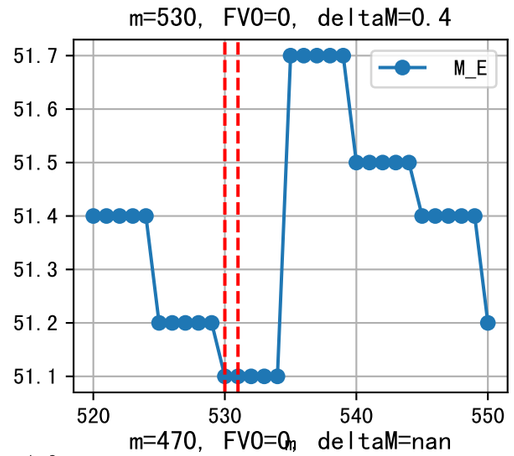
时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:00	57	20.0	0.081	雾	假设@08:00 自动（未用传感器）
08:45	57	20.0	0.081	雾	假设@08:45 自动（未用传感器）
09:30	57	20.0	0.081	雾	假设@09:30 自动（未用传感器）
10:15	57	20.0	0.081	晴	假设@10:15 自动（未用传感器）
11:00	57	20.0	0.081	晴	假设@11:00 自动（未用传感器）
11:45	57	20.0	0.081	晴	假设@11:45 自动（未用传感器）
12:55	57	20.0	0.081	晴	假设@12:55 自动（未用传感器）
14:10	57	20.0	0.081	晴	假设@14:10 自动（未用传感器）
总计	456.0 (8次)	160.0			建议进液EC：1780， PH：6.0

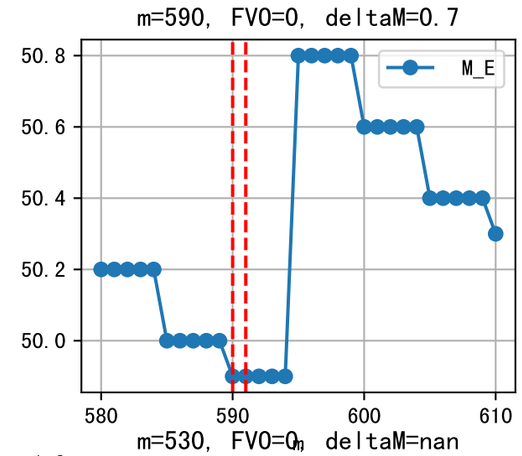
L1A4_4, Day=38 (2025-11-13)

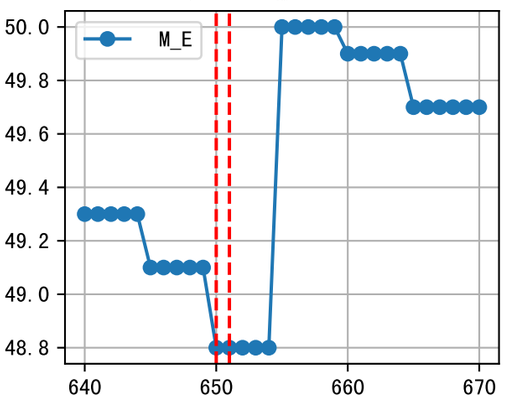


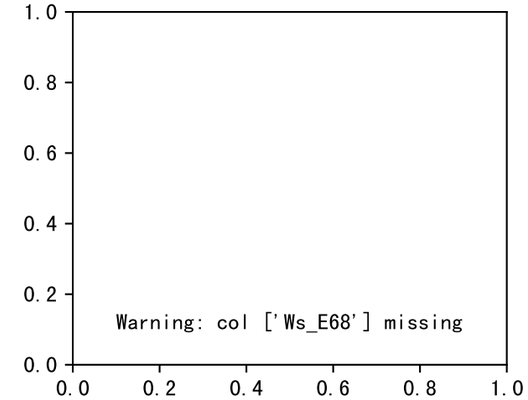

M_E

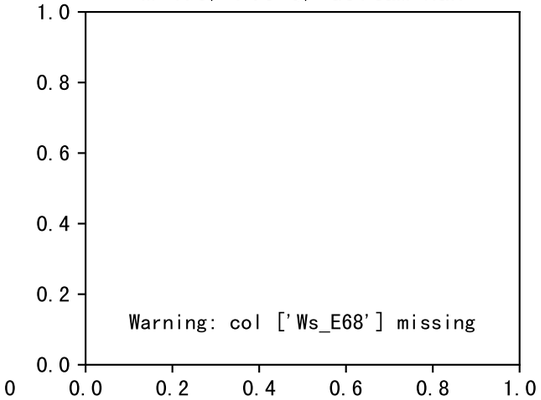

m=470, FV0=0, deltaM=2.8
M_E
m


m=530, FV0=0, deltaM=0.4
M_E


m=590, FV0=0, deltaM=0.7
M_E


m=650, FV0=0, deltaM=1.1
M_E


m=470, FV0=0, deltaM=nan
Warning: col ['Ws_E68'] missing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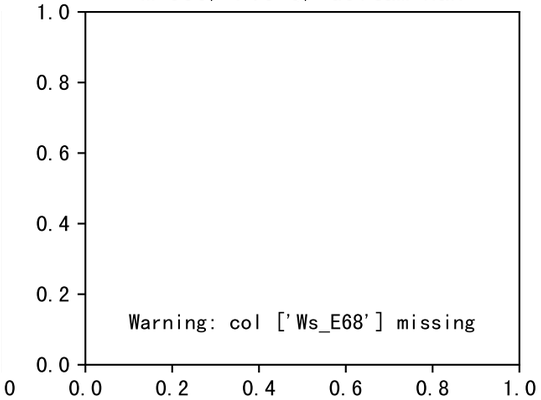
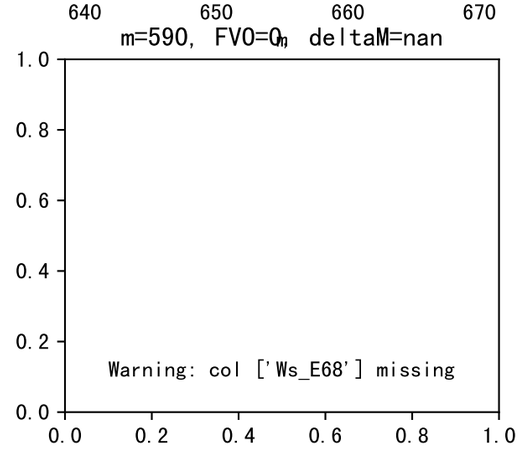

m=590, FV0=0, deltaM=nan
Warning: col ['Ws_E68'] missing


m=650, FV0=0, deltaM=nan
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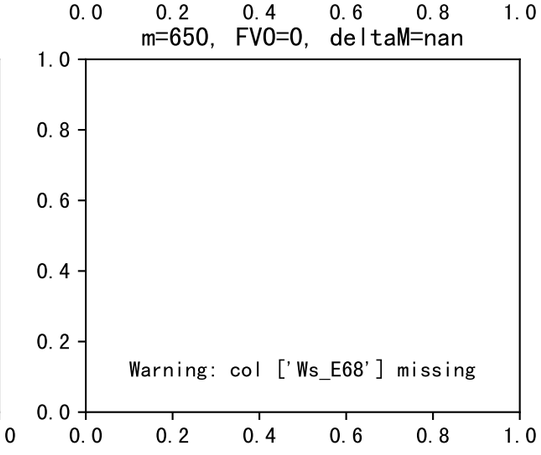
Warning: col ['Ws_E68'] missing