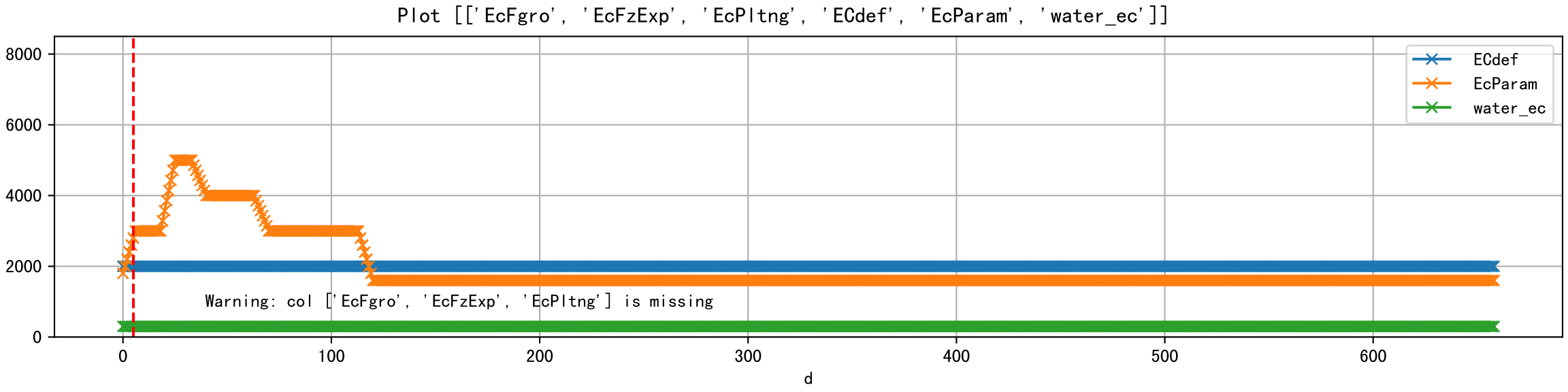
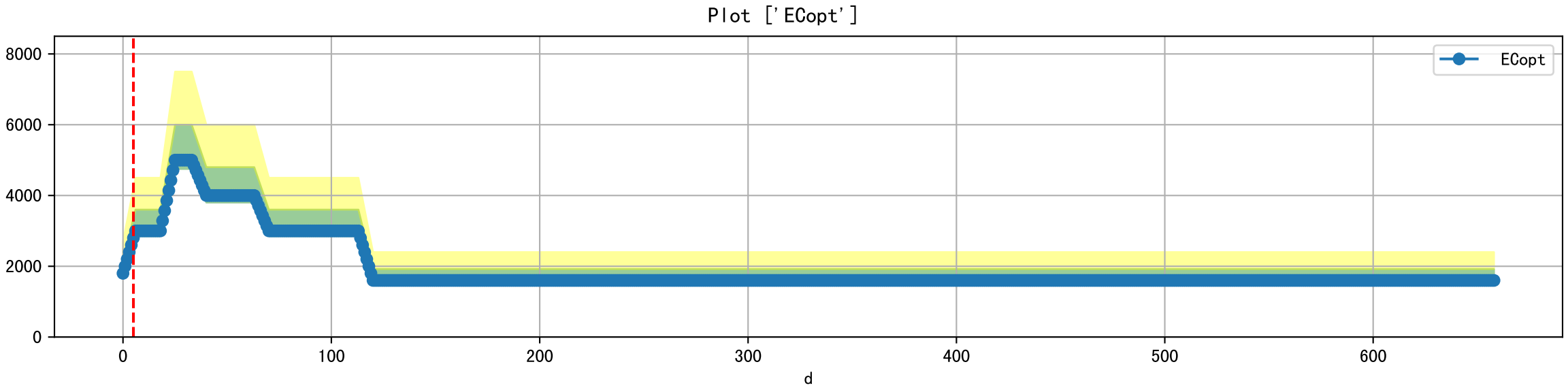
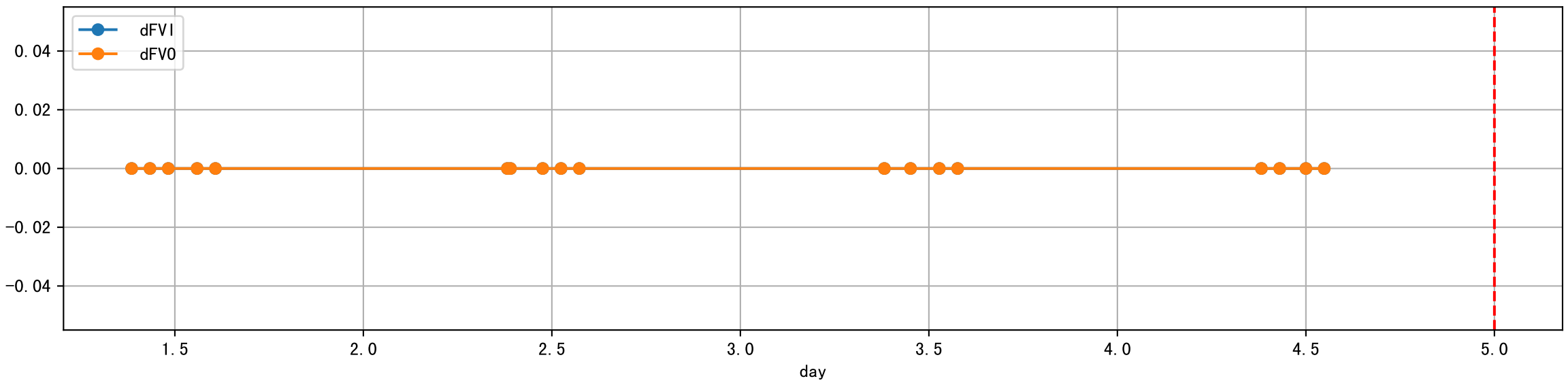
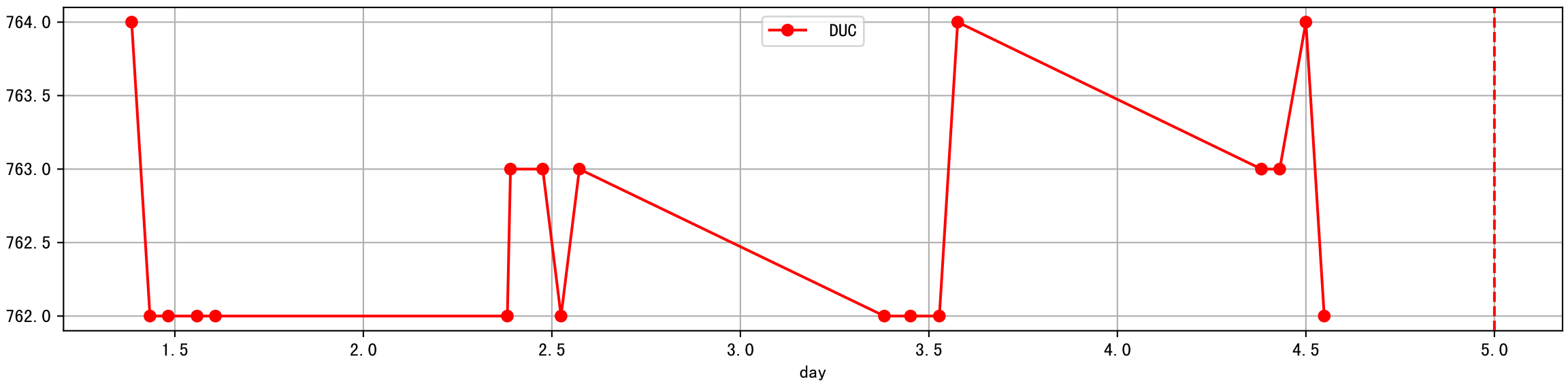
FgArea: ['0']
YN79 PS1
2026-03-06 (Day 5)

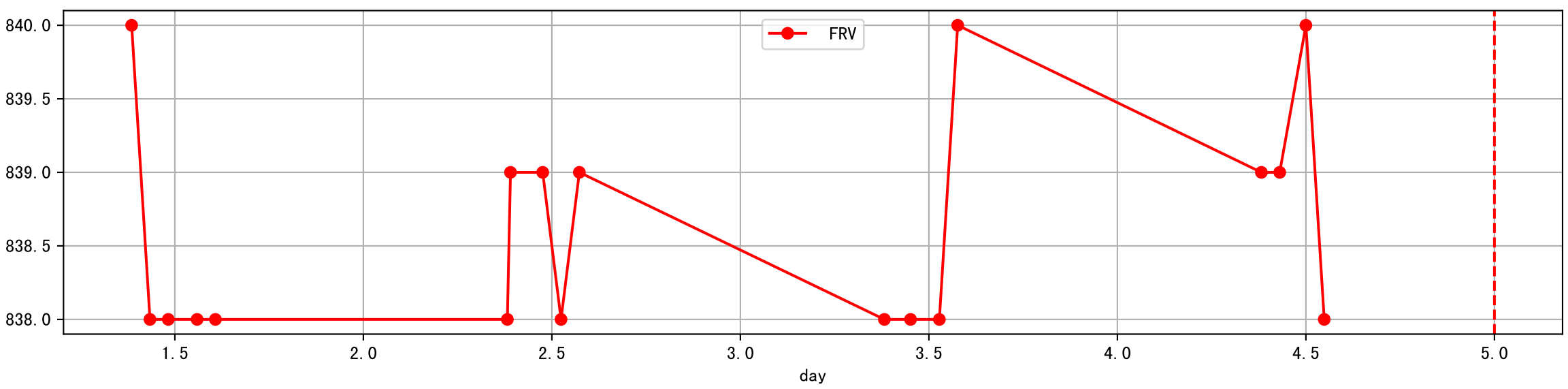

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
8000
6000
4000
2000
0
0
100
200
300
400
500
600
d
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcFzExp', 'EcPltng'] is missing

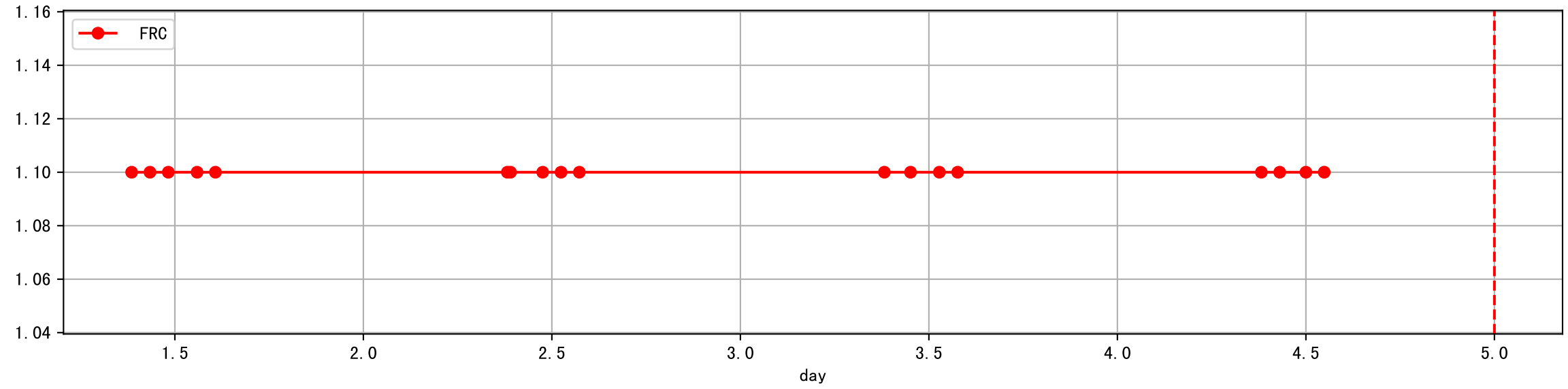

Plot ['ECopt']
ECopt
8000
6000
4000
2000
0
0
100
200
300
400
500
600
d

Plot Sensor and FgRec Data

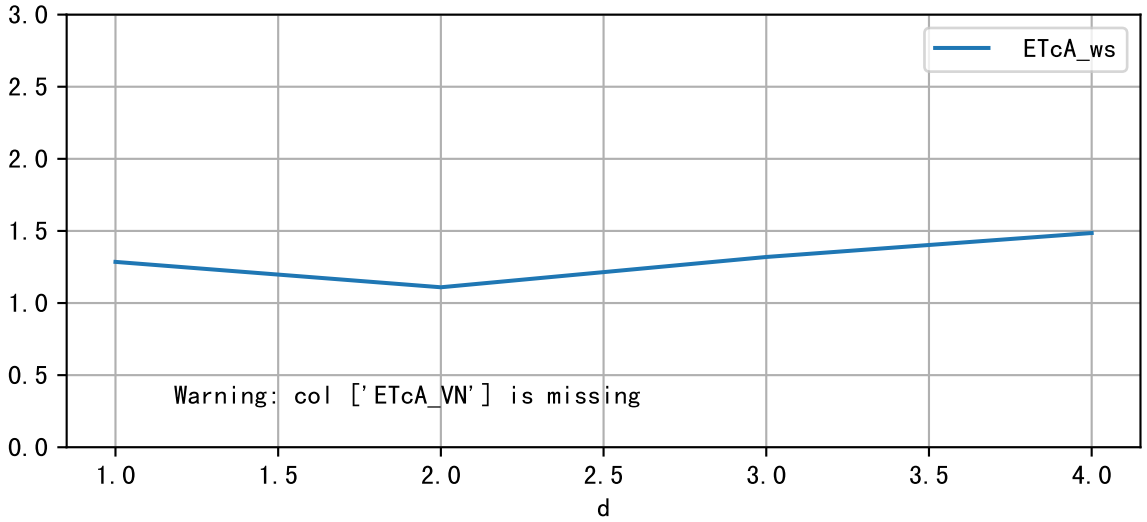


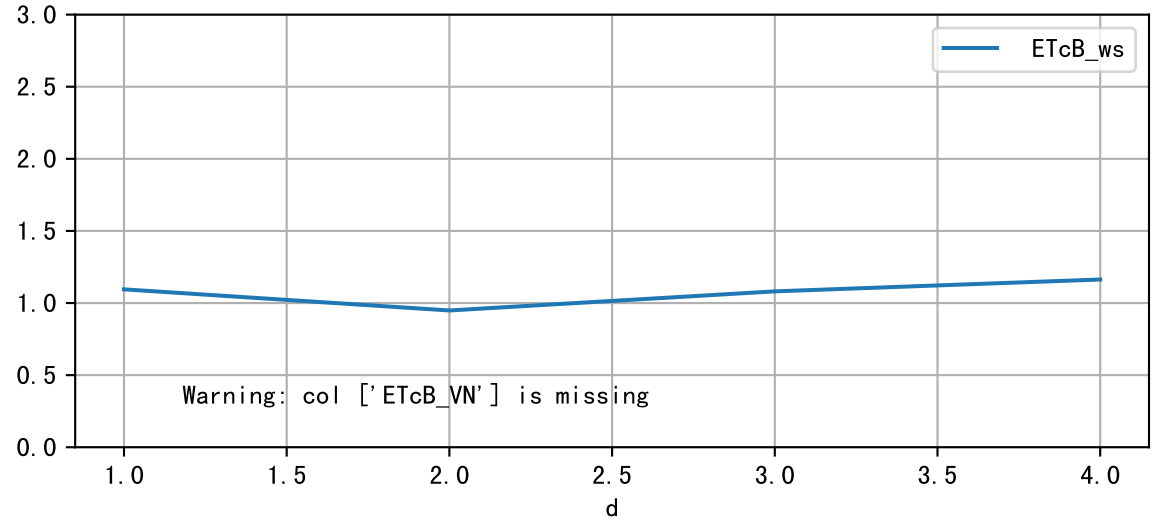


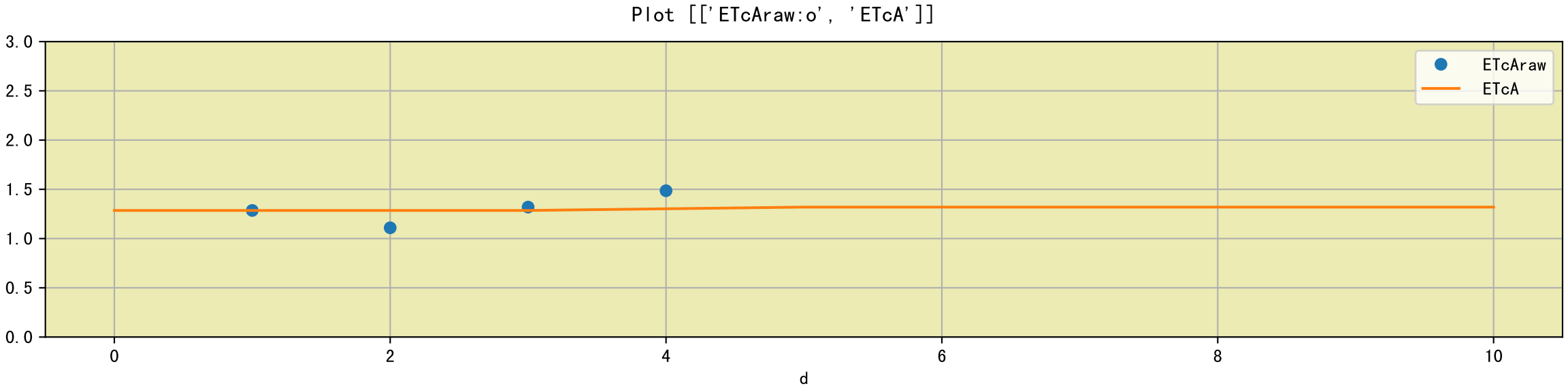


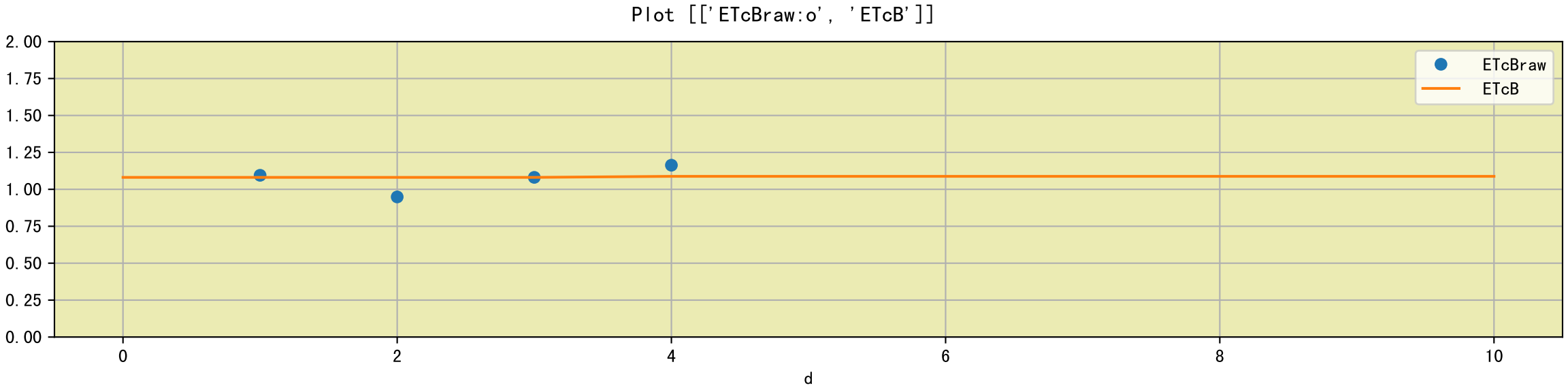


Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]

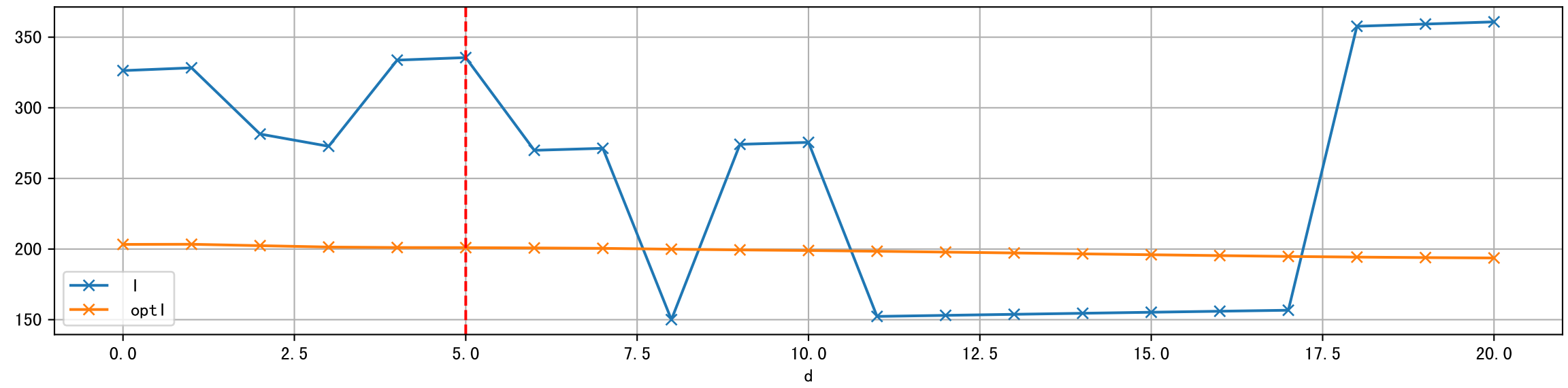


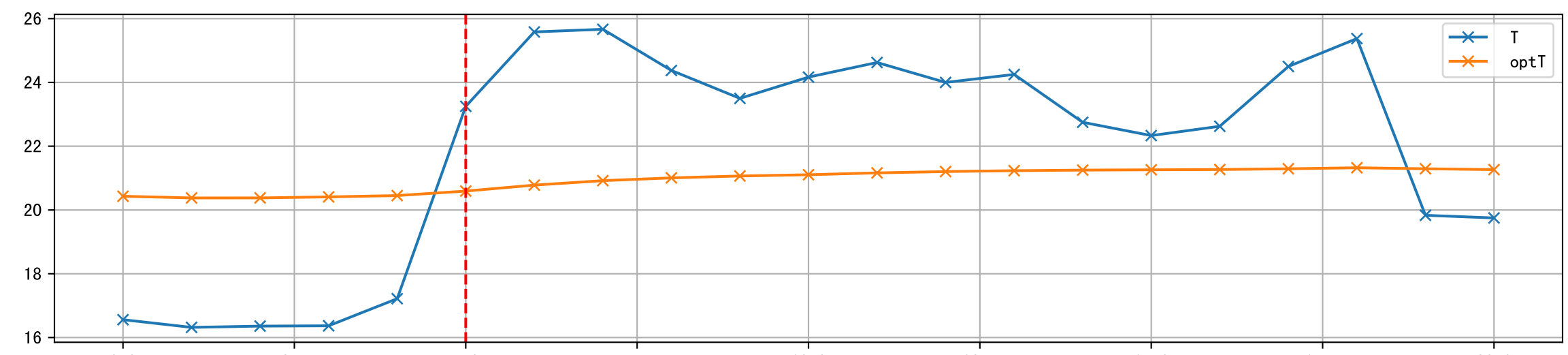



Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
d
ETcAraw
ETcA

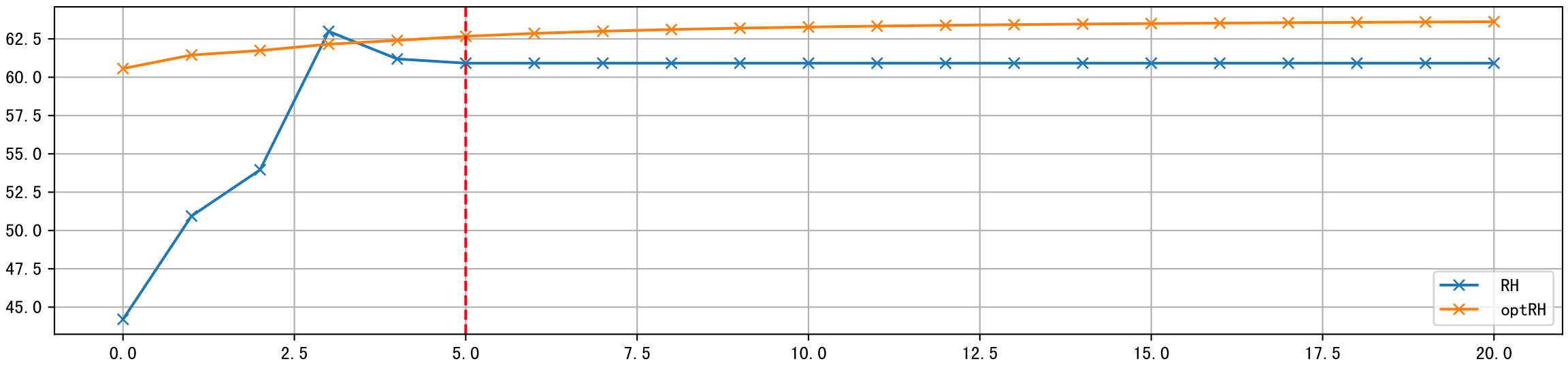

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
2
4
6
8
10
d
ETcBraw
ETcB

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

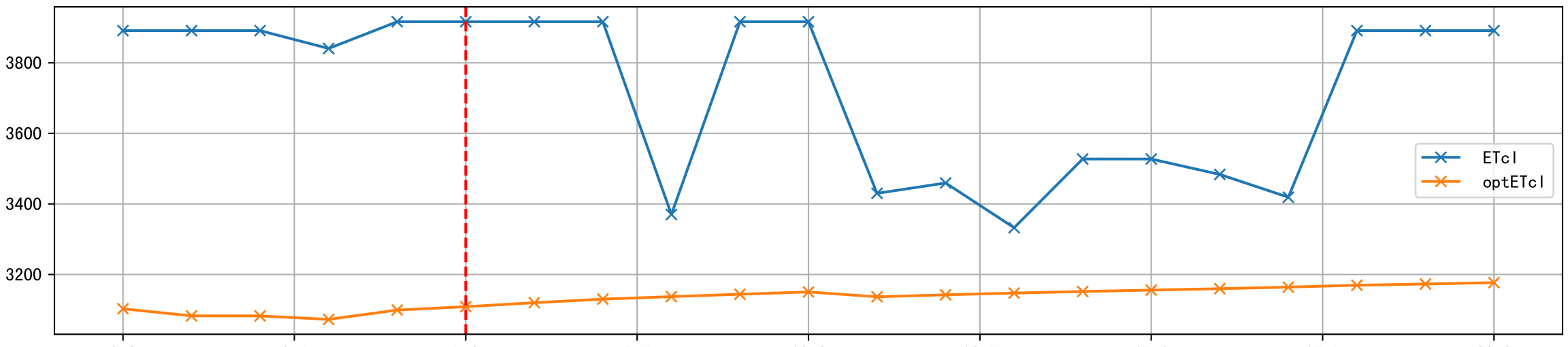




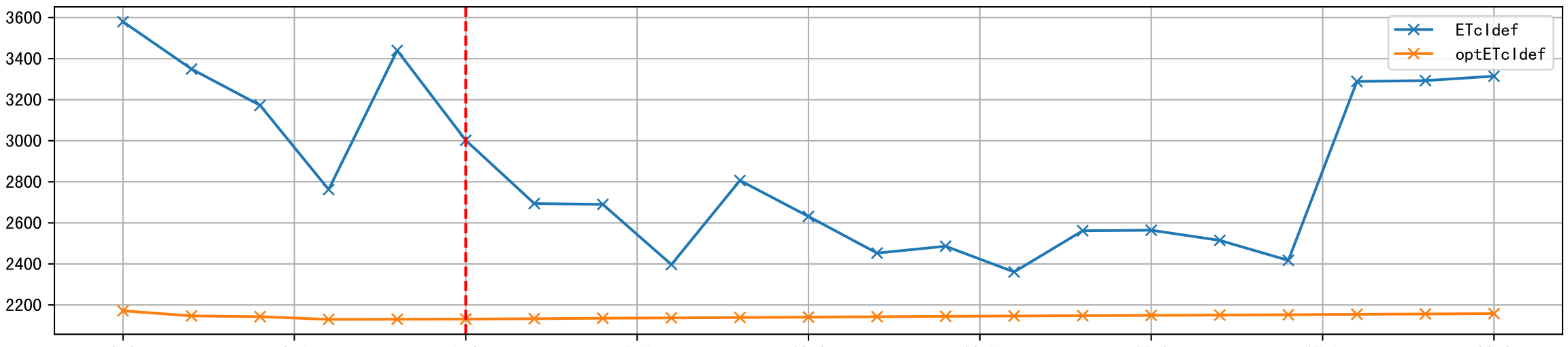
d



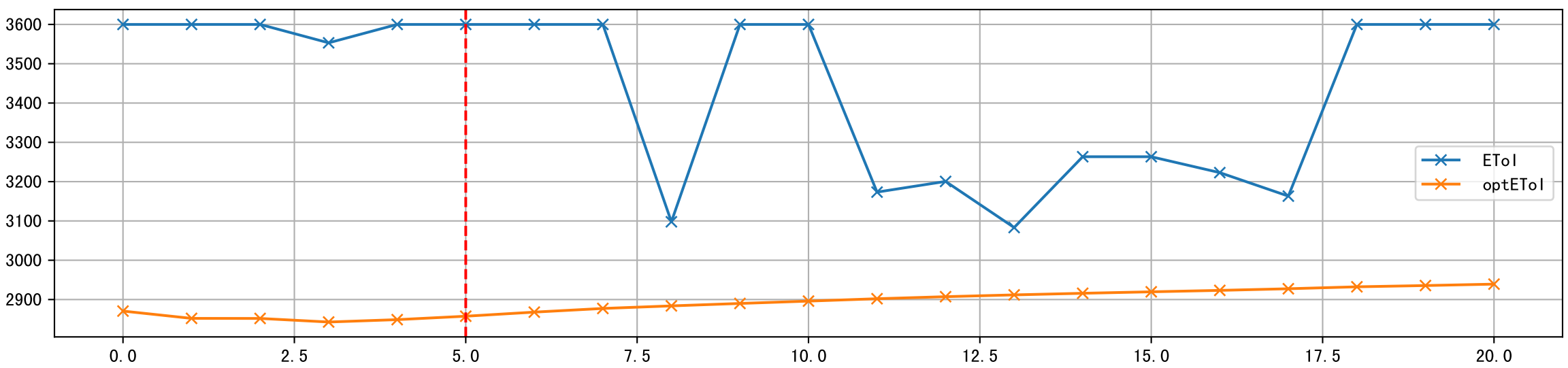
d



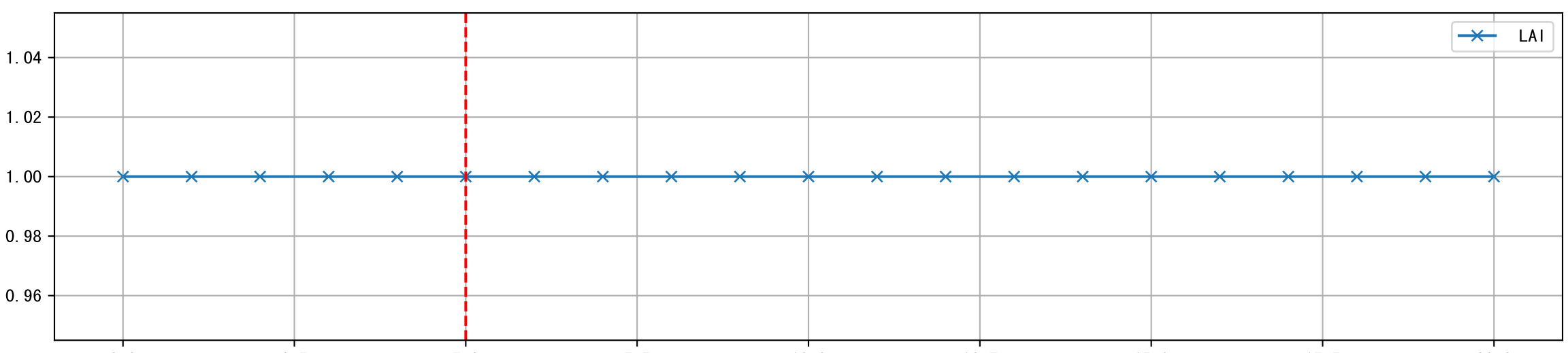
d

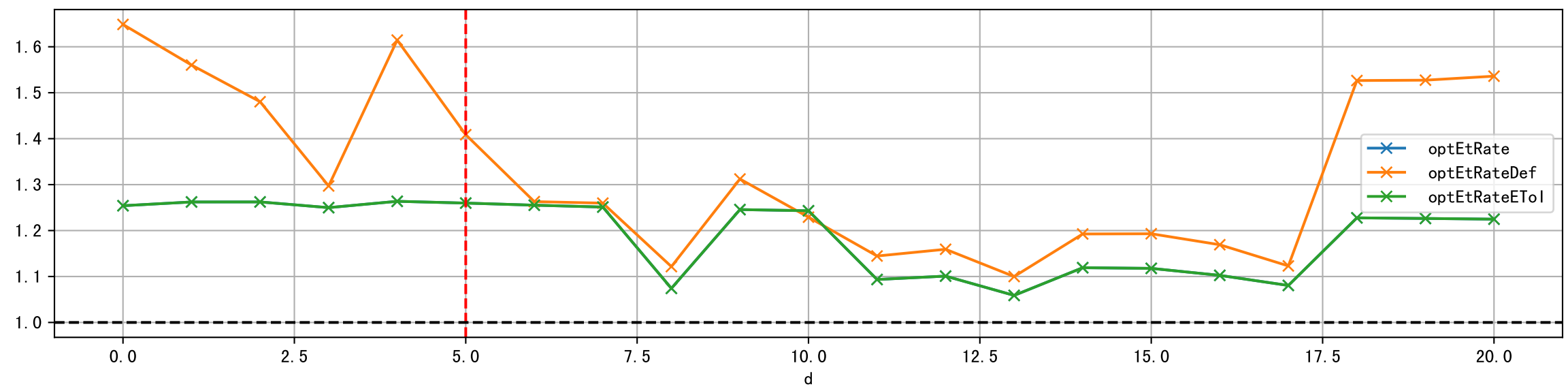


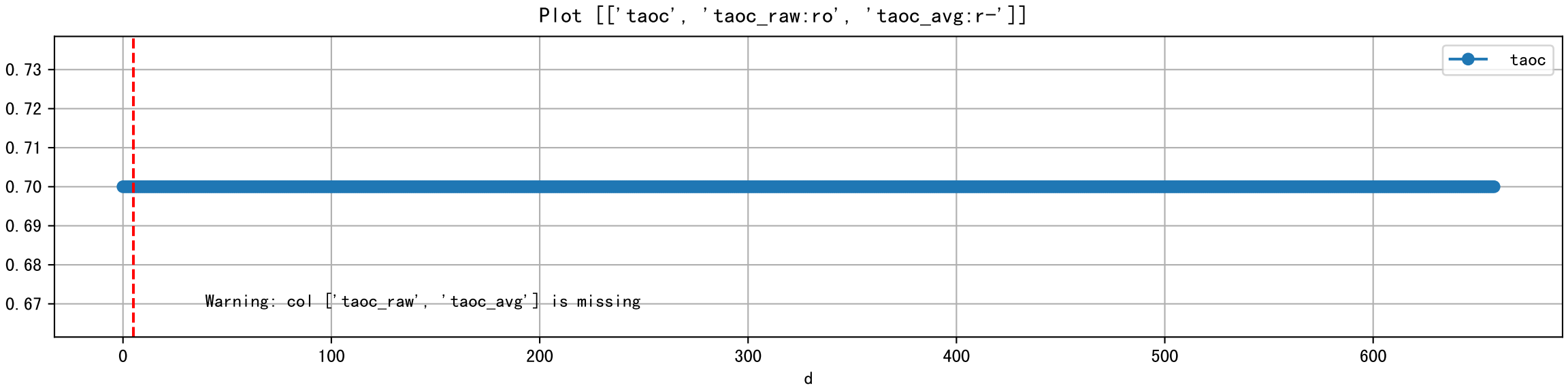
d

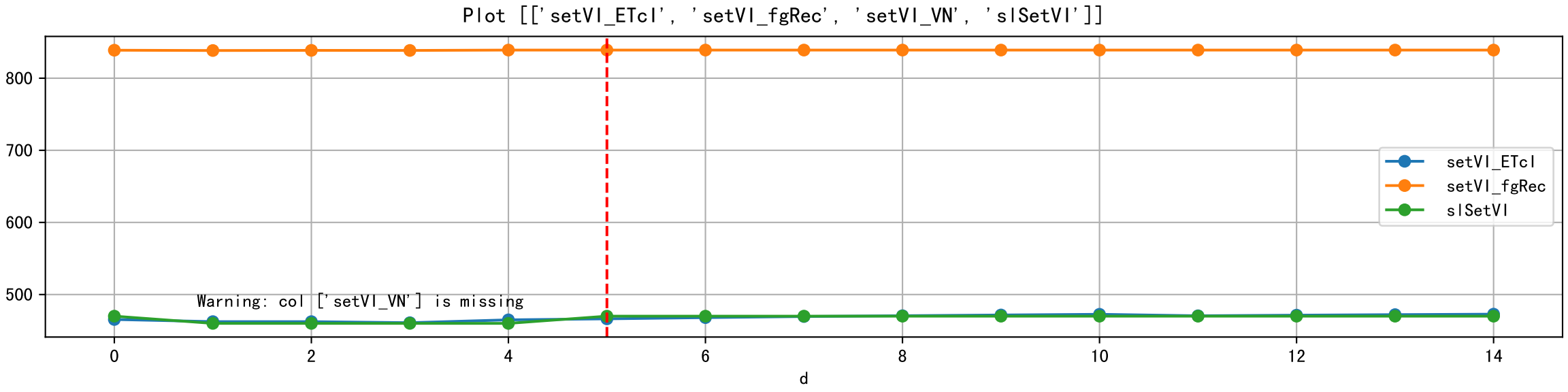


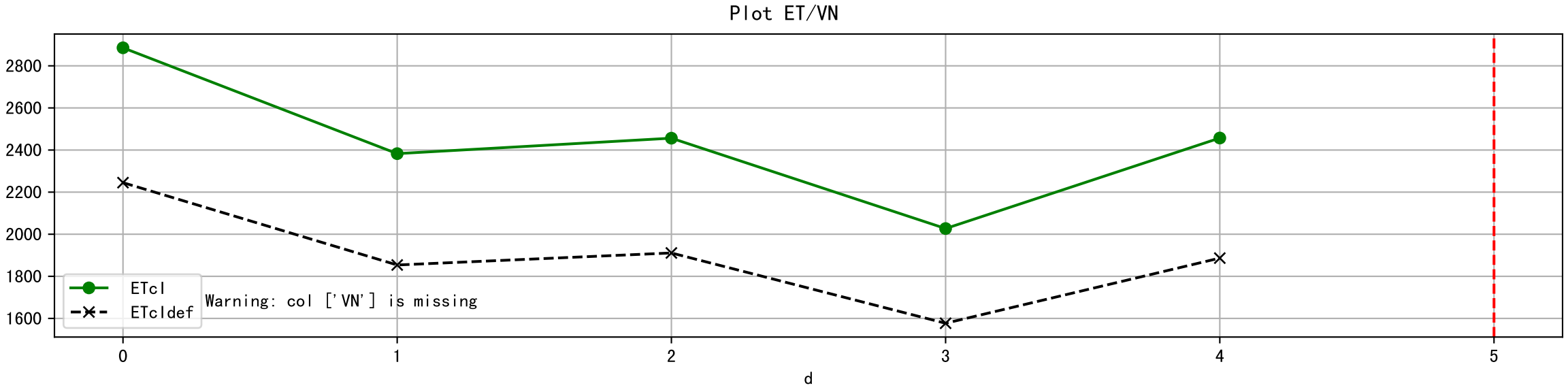
d

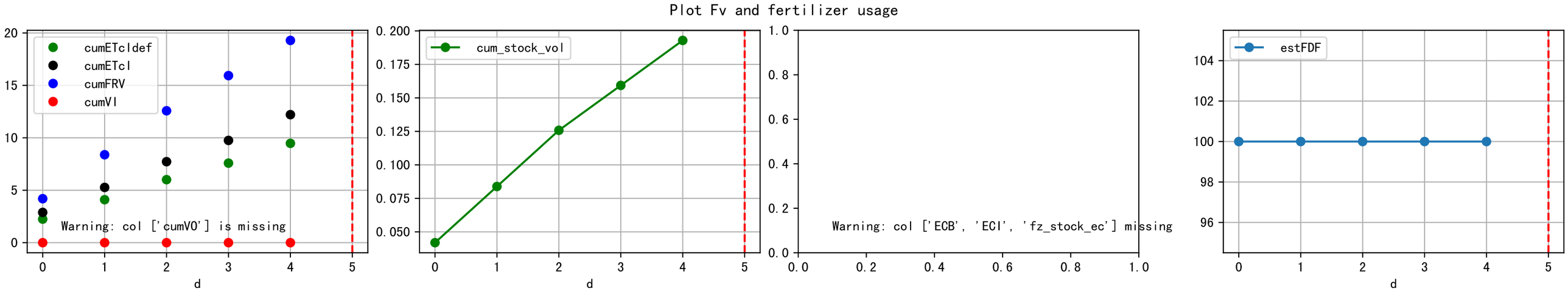


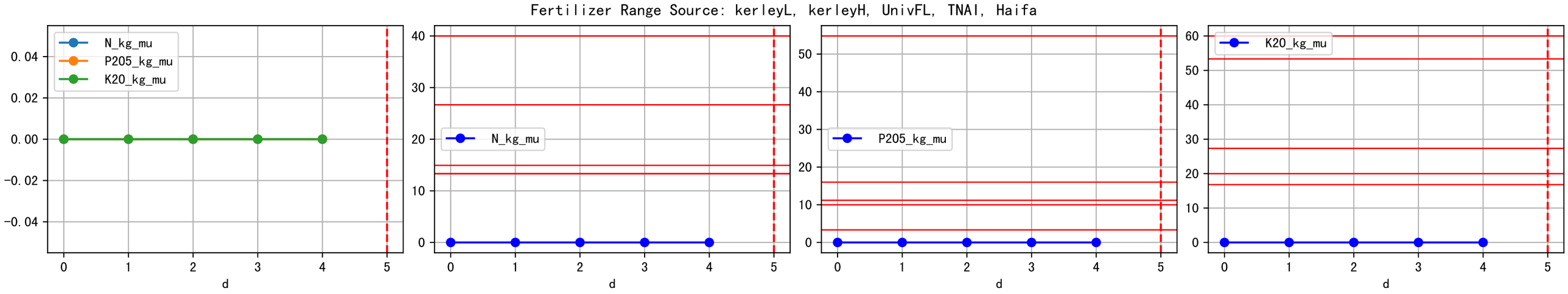


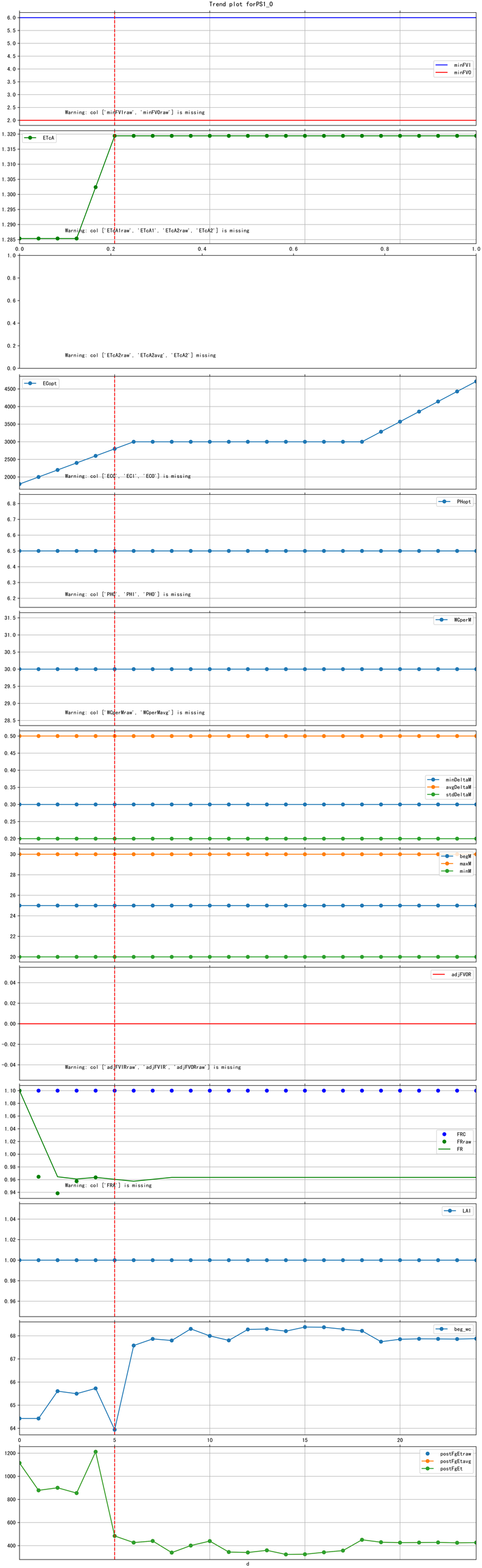

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
100
200
300
400
500
600
d

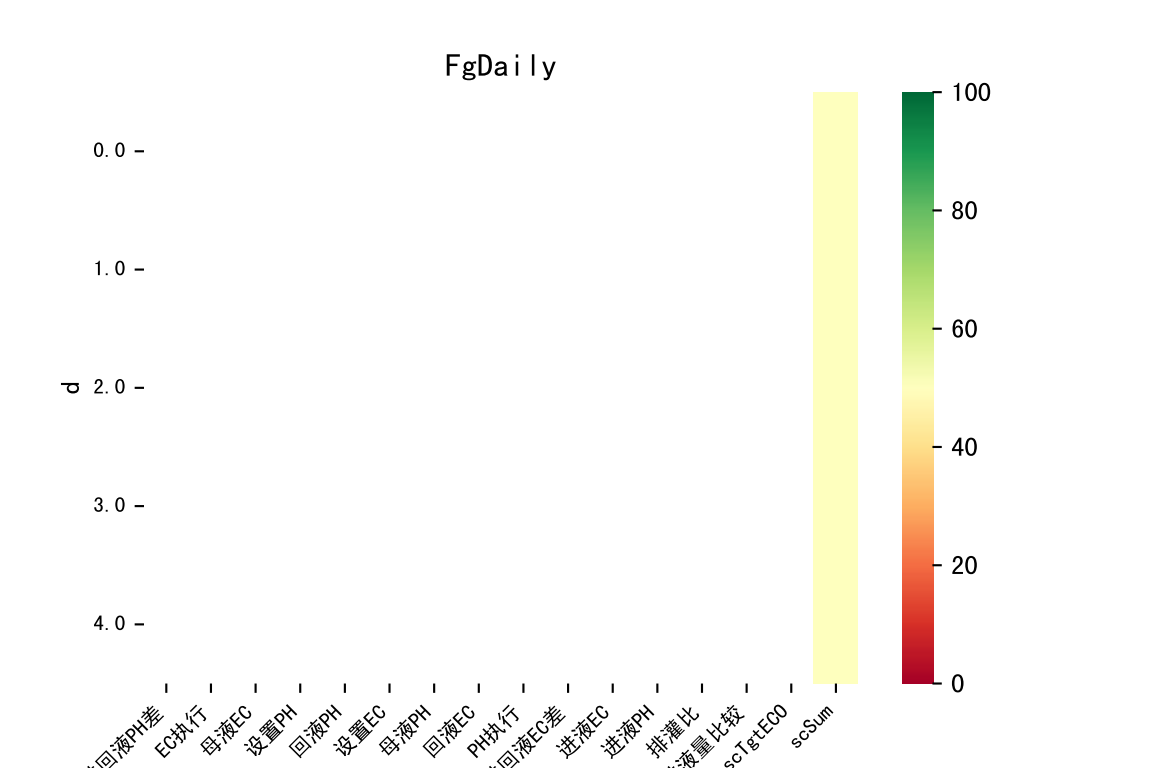

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
800
700
600
500
Warning: col ['setVI_VN'] is missing
0
2
4
6
8
10
12
14
d
setVI_ETcl
setVI_fgRec
slSetVI


Plot ET/VN
2800
2600
2400
2200
2000
1800
1600
ETcl
ETcldef
Warning: col ['VN'] is missing
0
1
2
3
4
5
d


Plot Fv and fertilizer usage
cumETcldef
cumETcl
cumFRV
cumVI
Warning: col ['cumVO'] is missing
d
cum_stock_vol
d
Warning: col ['ECB', 'ECI', 'fz_stock_ec'] missing
estFDF
d


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


Trend plot forPS1_0
minFVI
minFVO
Warning: col ['minFVIraw', 'minFVOraw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
Warning: col ['ECC', 'ECI', 'ECO'] is missing
PHopt
Warning: col ['PHC', 'PHI', 'PHO'] is missing
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
1.0
2.0
3.0
4.0
回液PH差
EC执行
母液EC
设置PH
回液PH
设置EC
母液PH
回液EC
PH执行
回液EC差
进液EC
进液PH
排灌比
液量比较
scTgtEC0
scSum
100
80
60
40
20
0

PS1_0

ETcl
ETbai

Warning: col ['VN'] missing

T

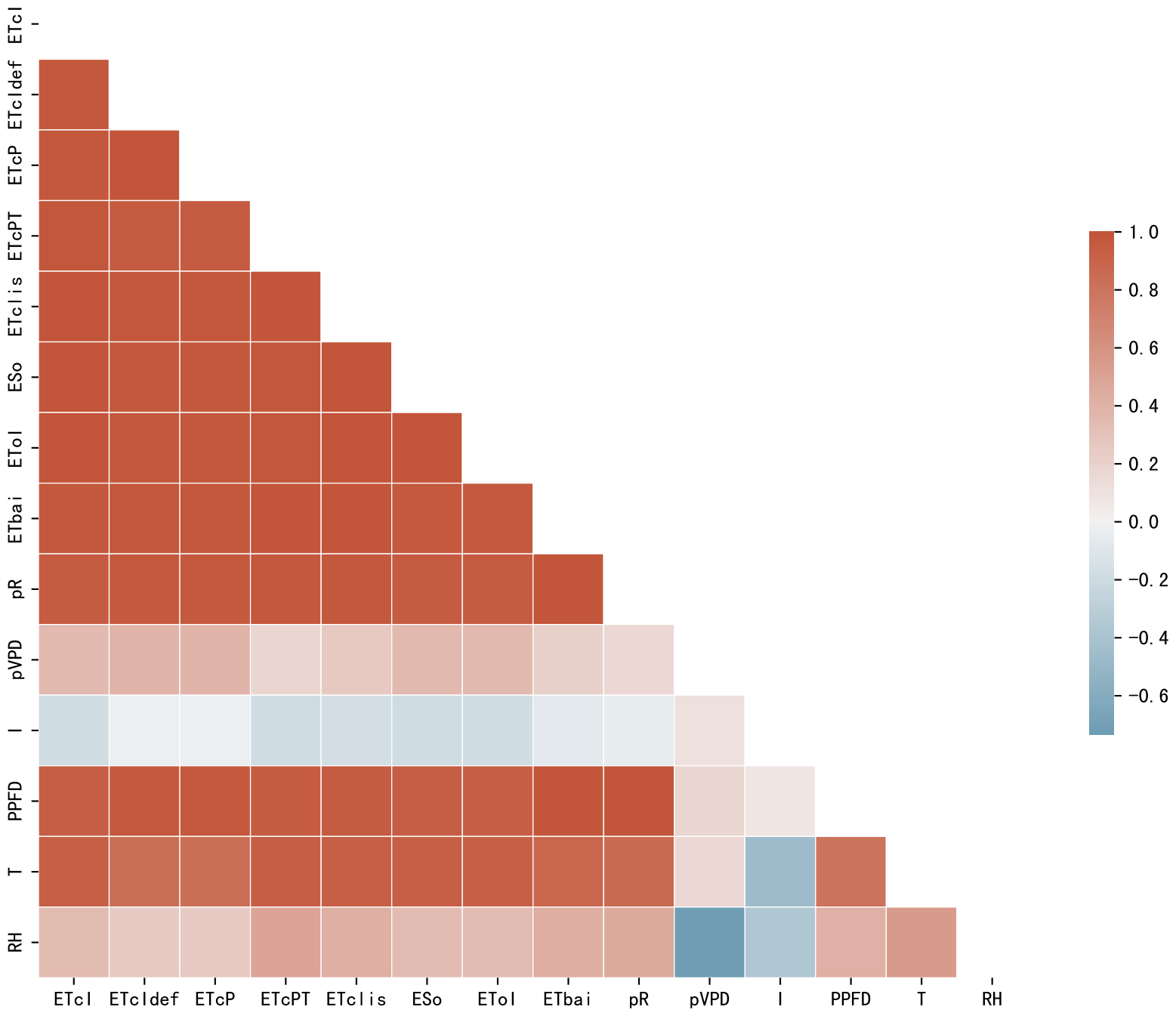
PPFD

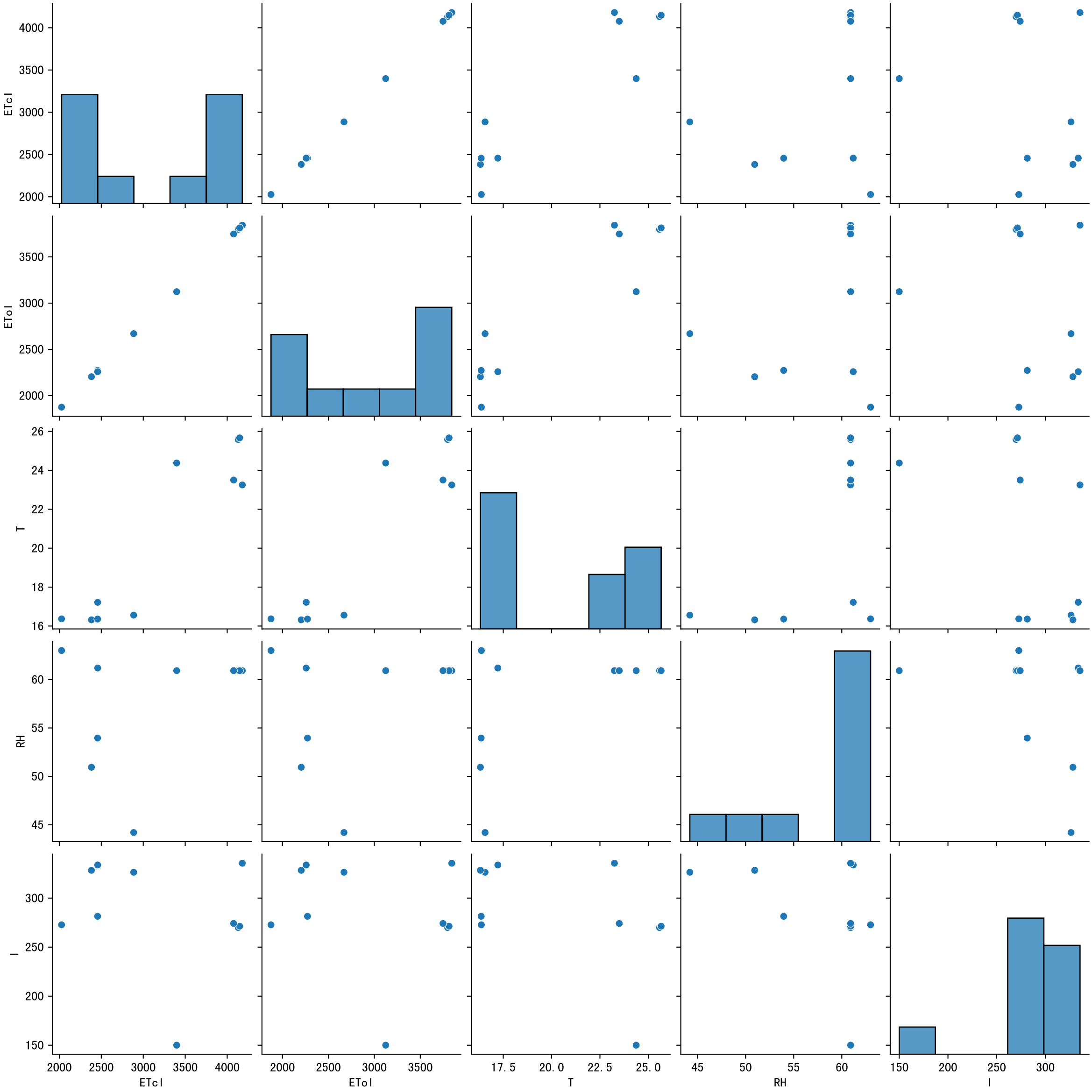
I

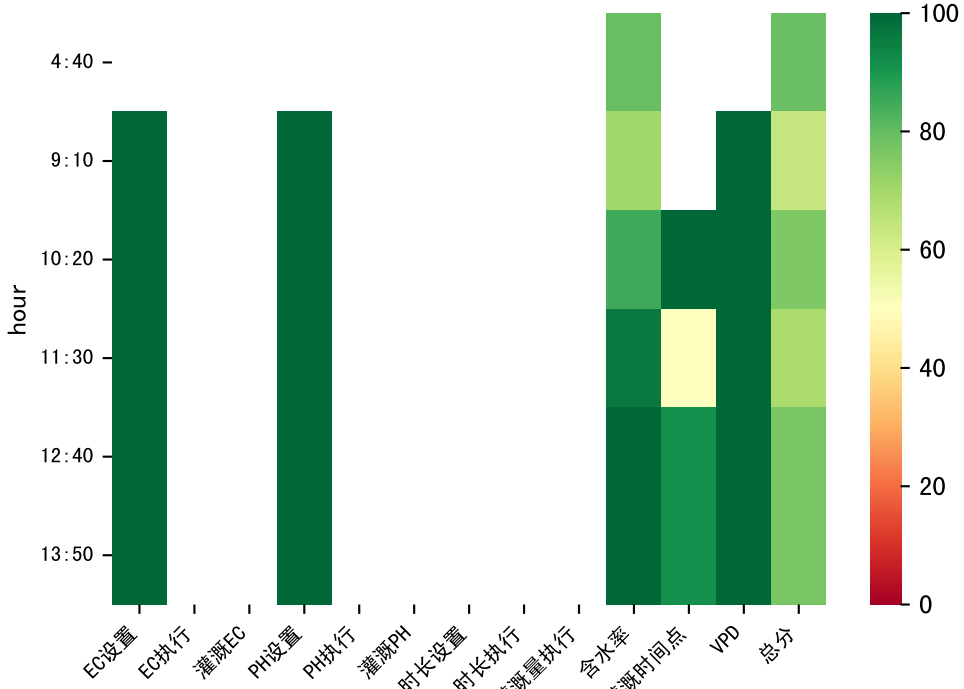
RH

ETclis
ETcPT
ETcRn

d

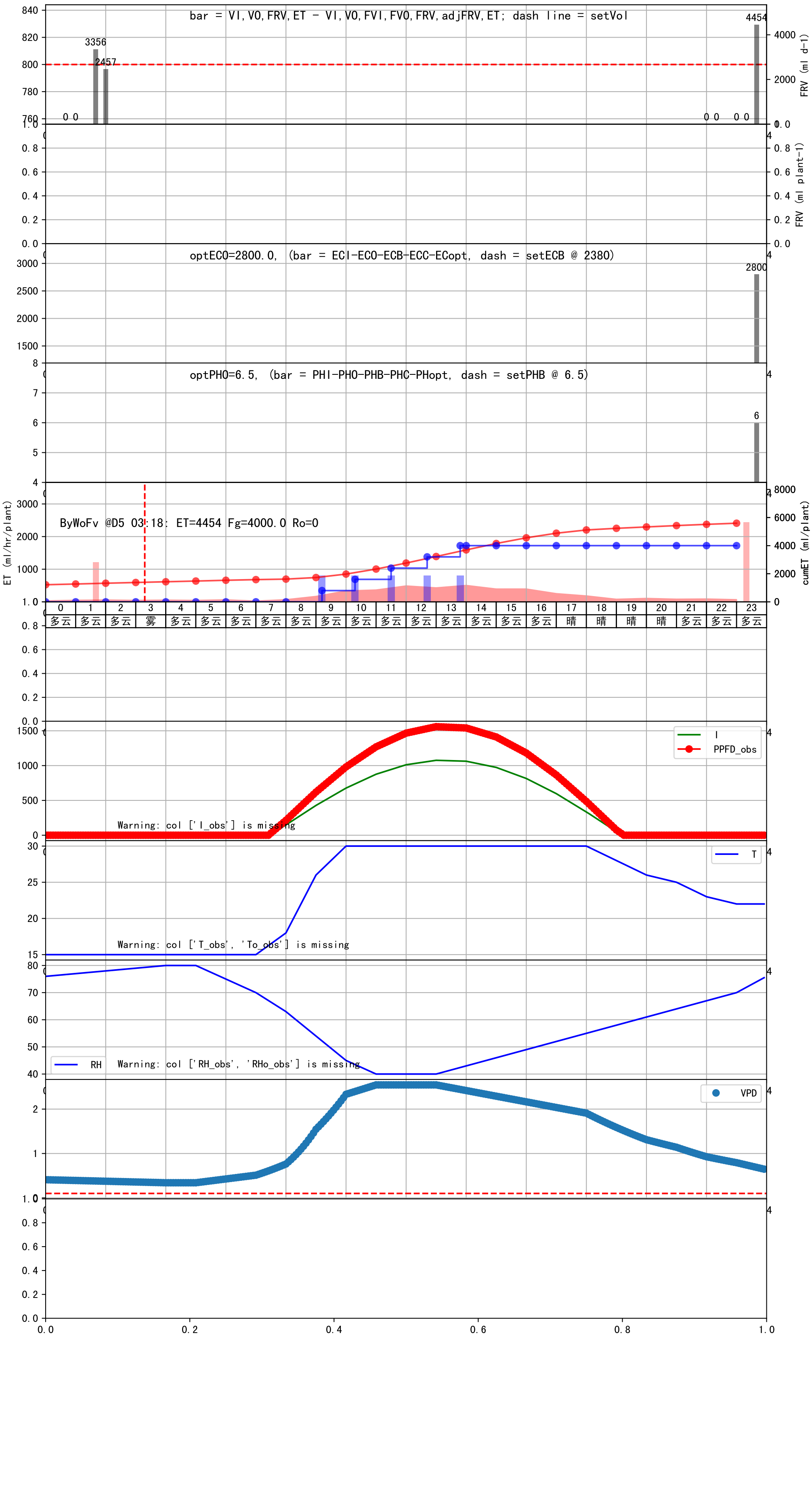

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
I
PPFD
T
RH
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6

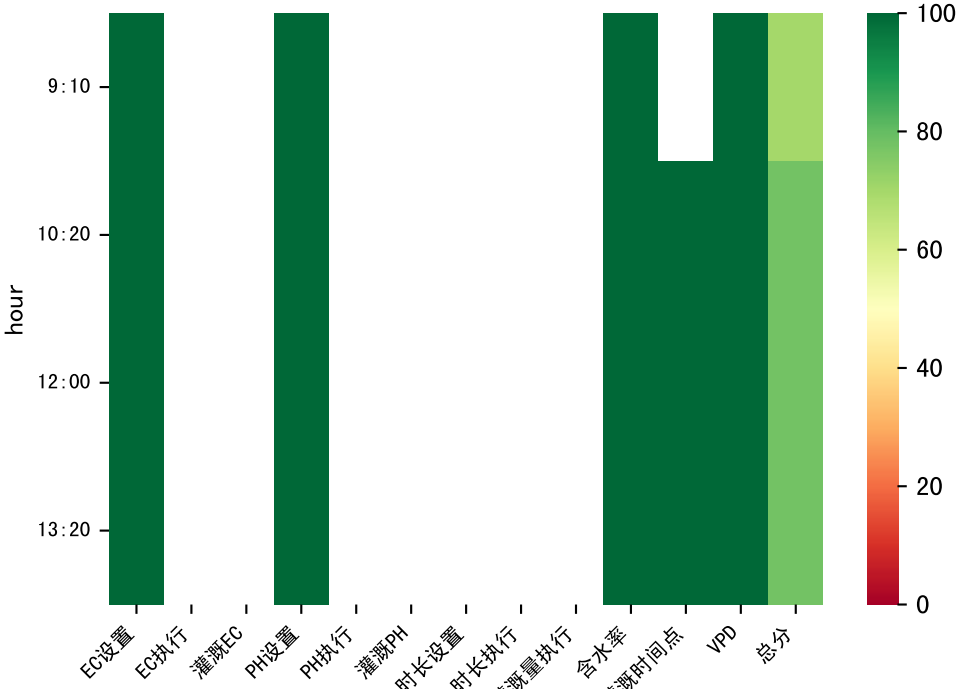

ETcI
ETcI
4000
3500
3000
2500
2000
ETcI
ETcI
3500
3000
2500
2000
ETcI
T
26
24
22
20
18
16
T
T
17.5
20.0
22.5
25.0
T
RH
60
55
50
45
RH
RH
45
50
55
60
RH
I
300
250
200
150
I
I
150
200
250
300
I
2000
2500
3000
3500
4000
ETcI
2000
2500
3000
3500
ETcI


hour
4:40
9:10
10:20
11:30
12:40
13:50
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
09:10	762	800.0	0.029	多云	假设 自主（未用进回液传感器）（预期回液 无）
10:20	762	800.0	0.029	多云	假设 自主（未用进回液传感器）（预期回液 无）
11:30	762	800.0	0.029	多云	假设 自主（未用进回液传感器）（预期回液 无）
12:40	762	800.0	0.029	多云	假设 自主（未用进回液传感器）（预期回液 无）
13:50	762	800.0	0.029	多云	假设 自主（未用进回液传感器）（预期回液 无）
总计	3810.0 (5次)	4000.0			建议进液EC：2380， PH：6.5

PS1_0, Day=5 (2026-03-06)

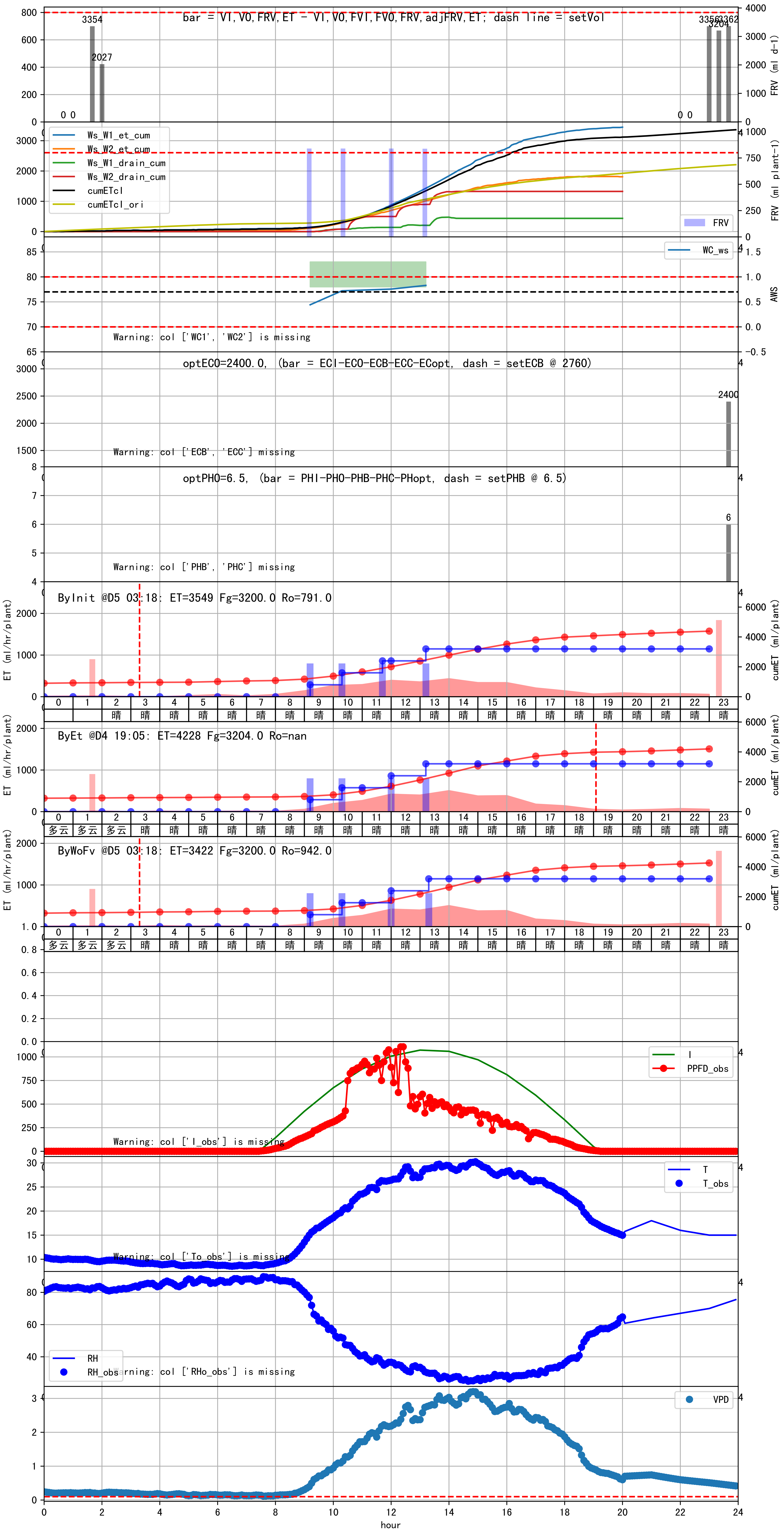


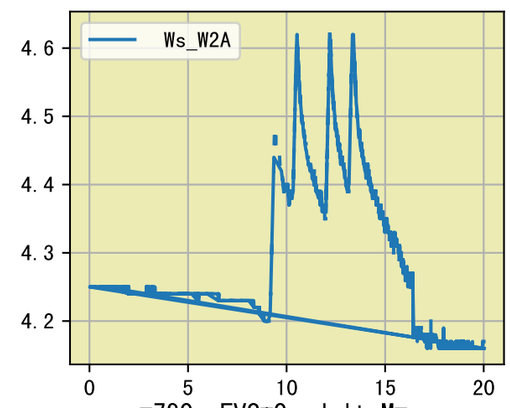

hour
9:10
10:20
12:00
13:20
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

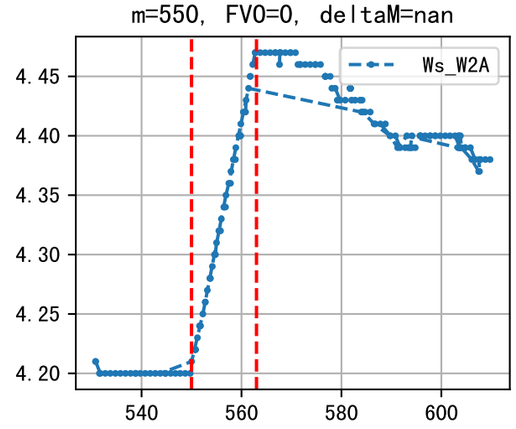
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
10	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
20	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 177 ml/株）
00	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 372 ml/株）
20	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 393 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：2760， PH：6.5

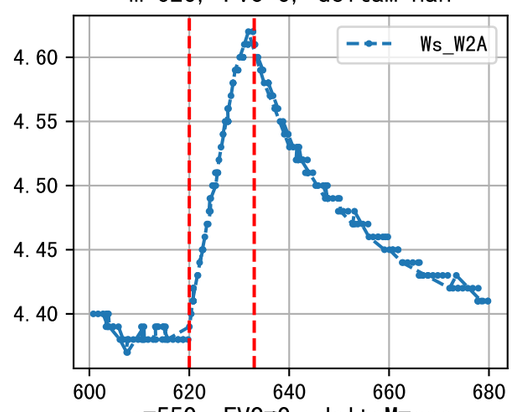
滴头平均流速偏大（1.1 vs def 0.5），请检查
默认实际灌溉800.0 ml.

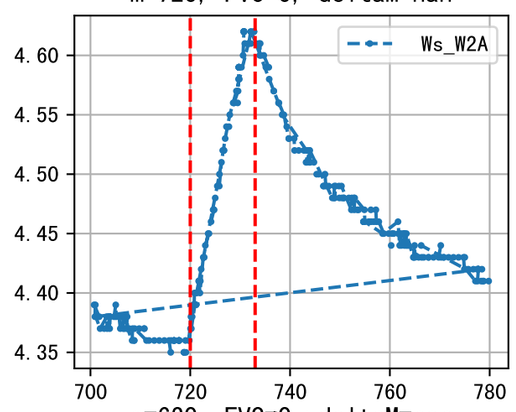
PS1_0, Day=4.0 (2026-03-05)

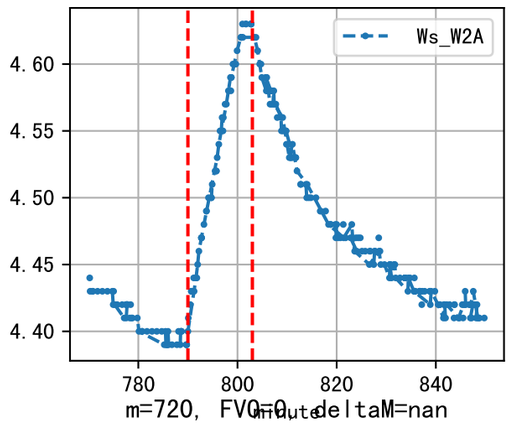


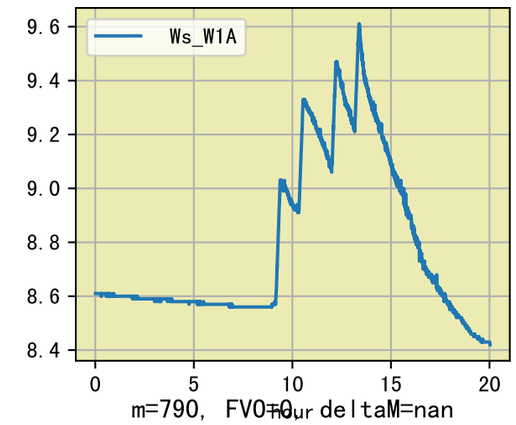

Ws_W2A

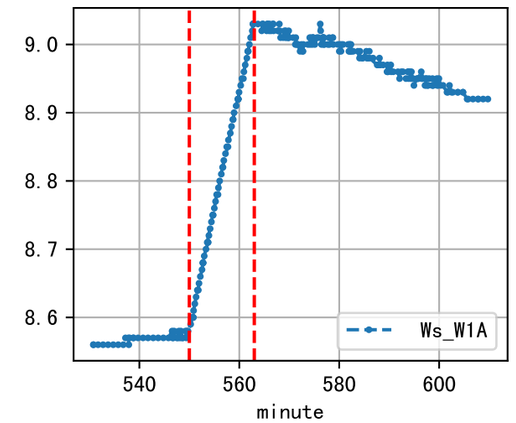

m=550, FV0=0, deltaM=nan
Ws_W2A
minute

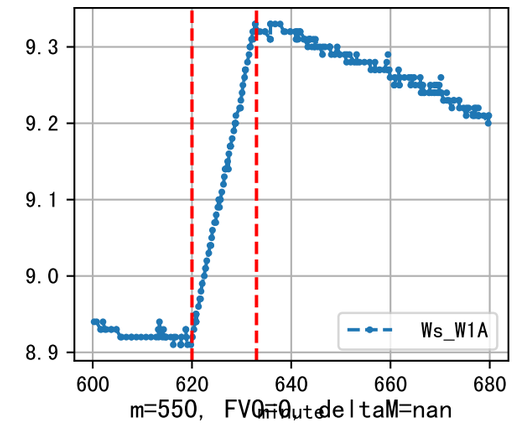

m=620, FV0=0, deltaM=nan
Ws_W2A
minute

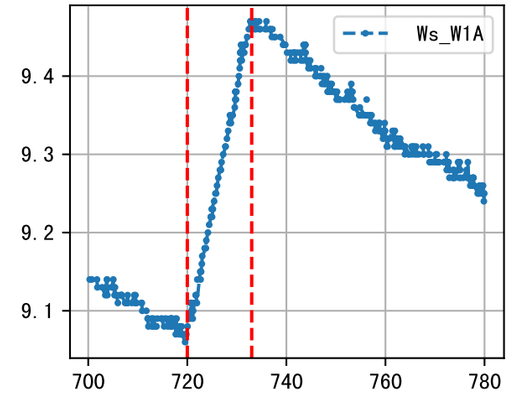

m=720, FV0=0, deltaM=nan
Ws_W2A
minute

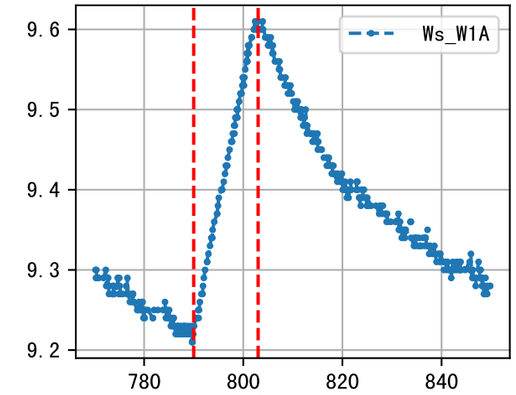

m=790, FV0=0, deltaM=nan
Ws_W2A
hour

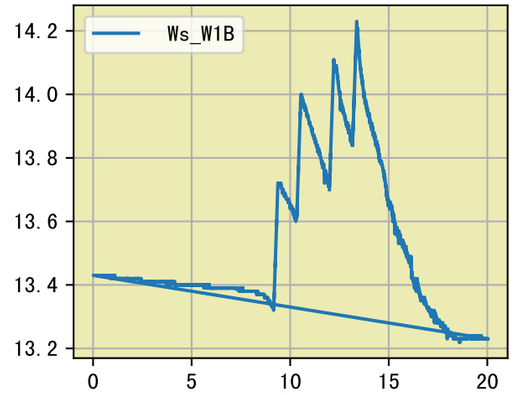

Ws_W1A
hour

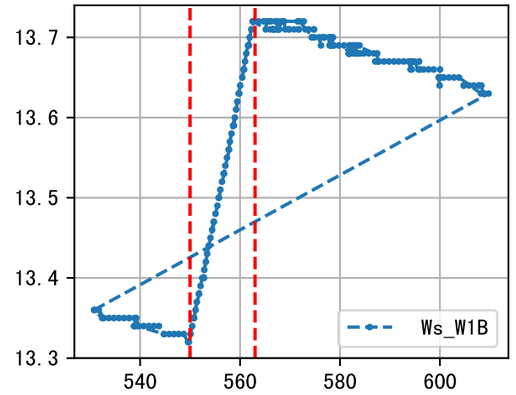

m=550, FV0=0, deltaM=nan
Ws_W1A
minute

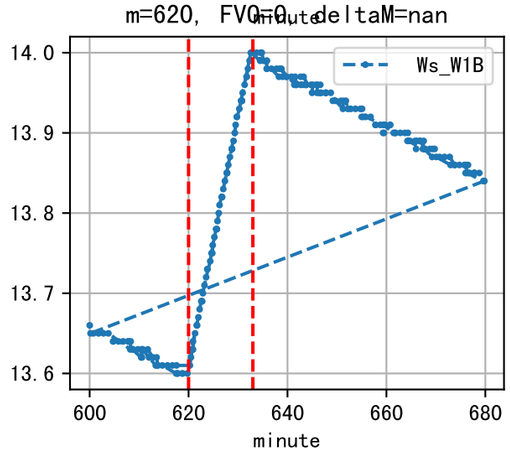

m=620, FV0=0, deltaM=nan
Ws_W1A
minute

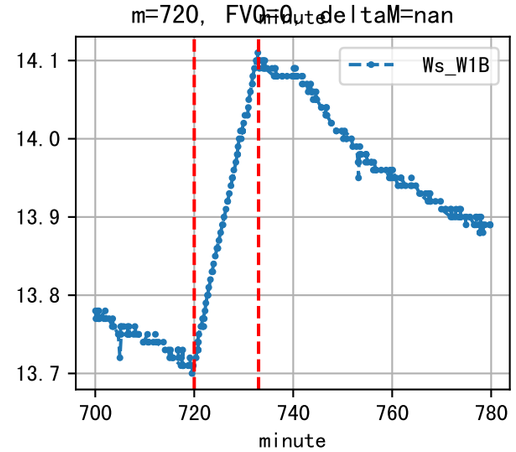

Ws_W1A
minute

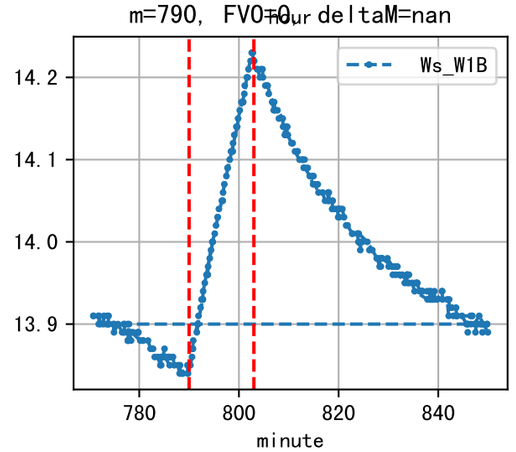

m=720, FV0=0, deltaM=nan
Ws_W1A
minute

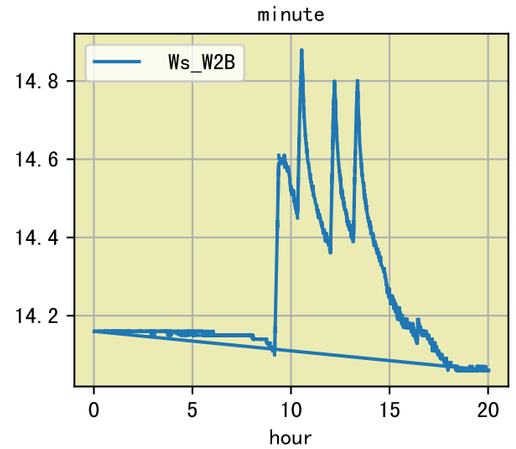

Ws_W1B

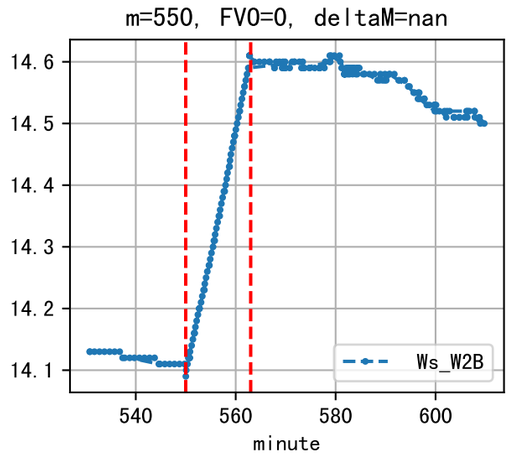

m=790, FV0=0, deltaM=nan
Ws_W1B
minute

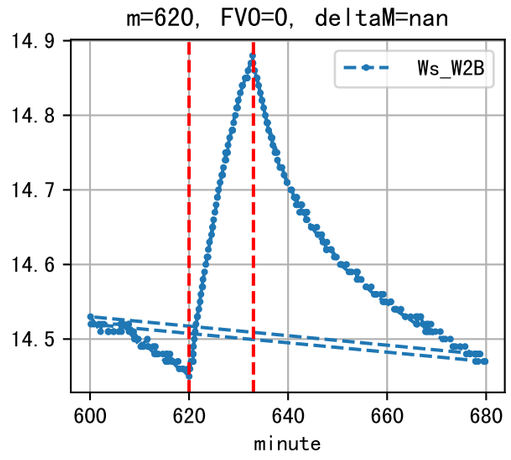

m=620, FV0=0, deltaM=nan
Ws_W1B
minute

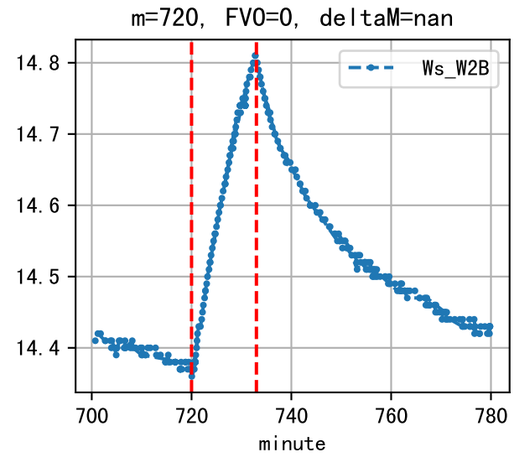

m=720, FV0=0, deltaM=nan
Ws_W1B
minute

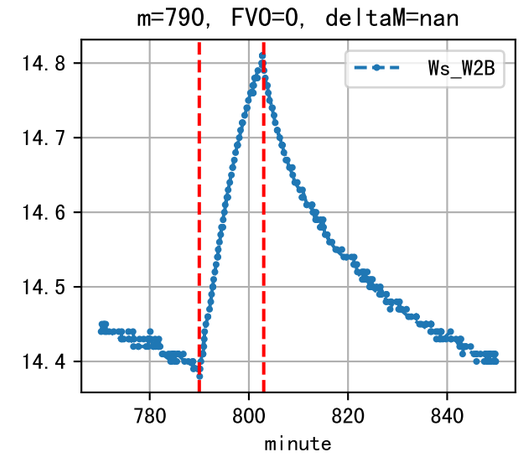

m=790, FV0=0, deltaM=nan
Ws_W1B
minute

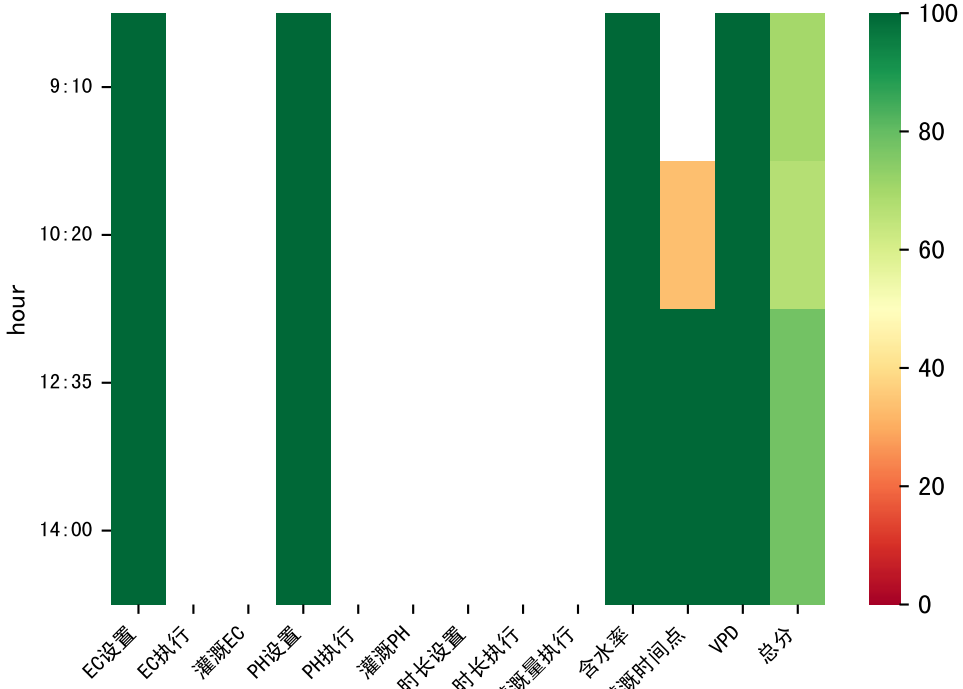

Ws_W2B
hour


m=550, FV0=0, deltaM=nan
Ws_W2B
minute


m=620, FV0=0, deltaM=nan
Ws_W2B
minute


m=720, FV0=0, deltaM=nan
Ws_W2B
minute

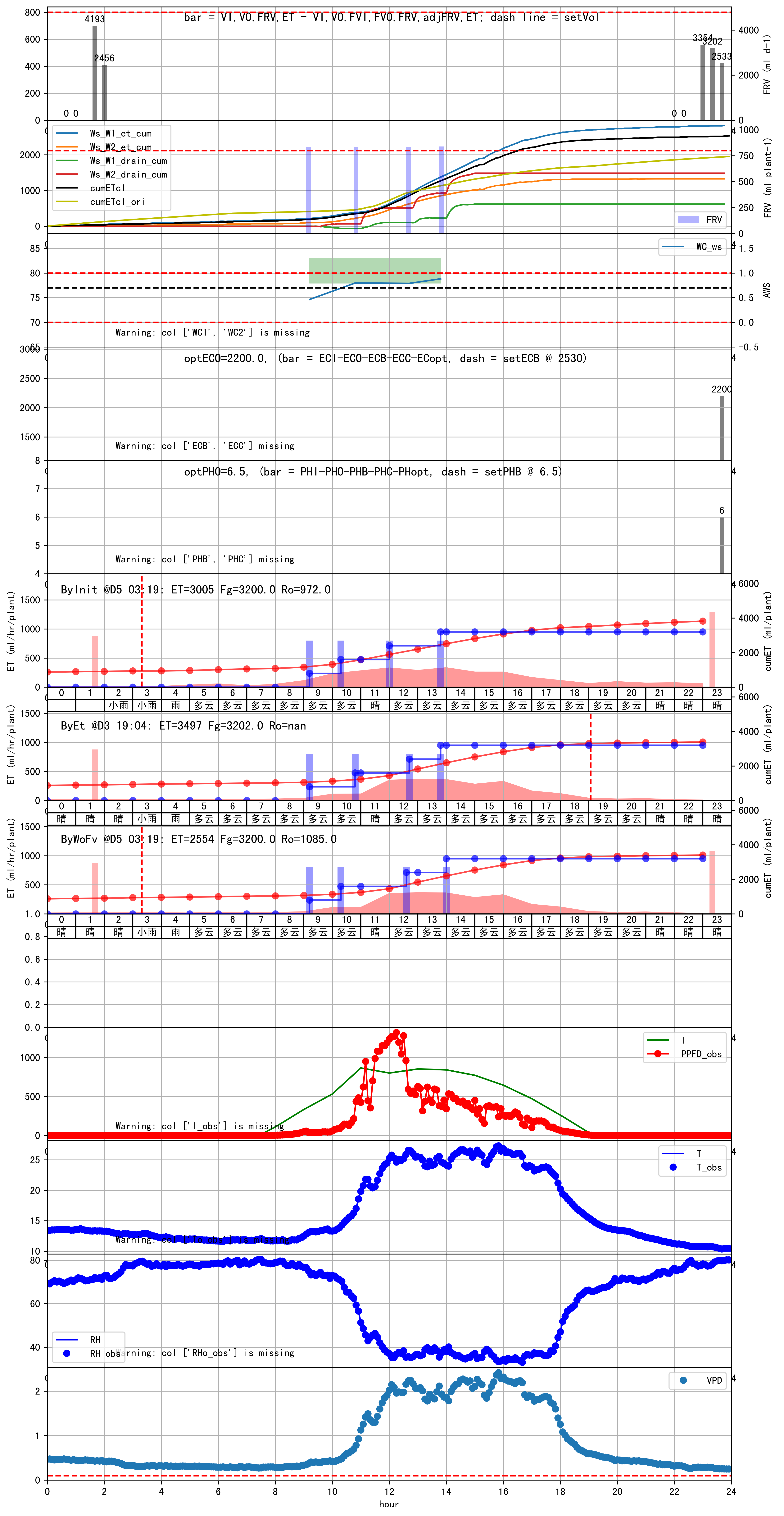

m=790, FV0=0, deltaM=nan
Ws_W2B
minute

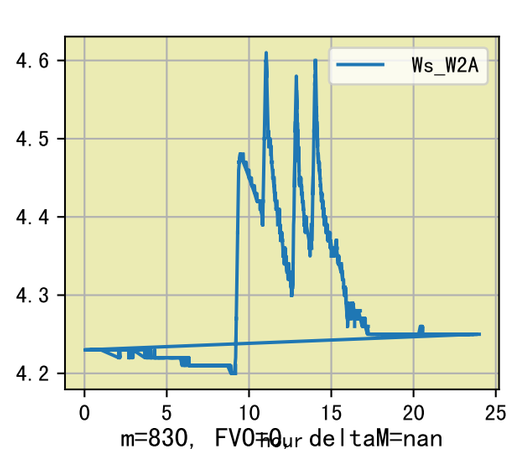

hour
9:10
10:20
12:35
14:00
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

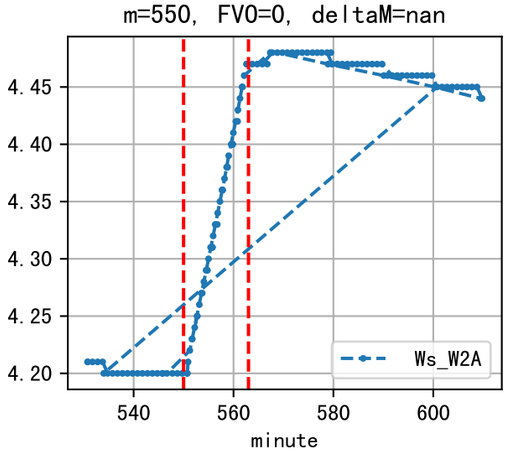
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
10	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 无）
20	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 288 ml/株）
35	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 374 ml/株）
00	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 423 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：2530， PH：6.5

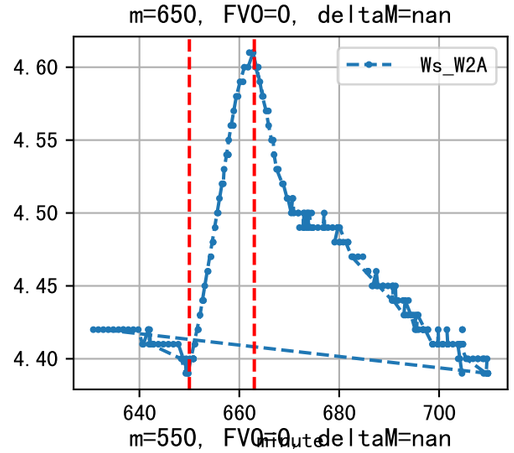
滴头平均流速偏大（1.1 vs def 0.5），请检查
默认实际灌溉802.0 ml.

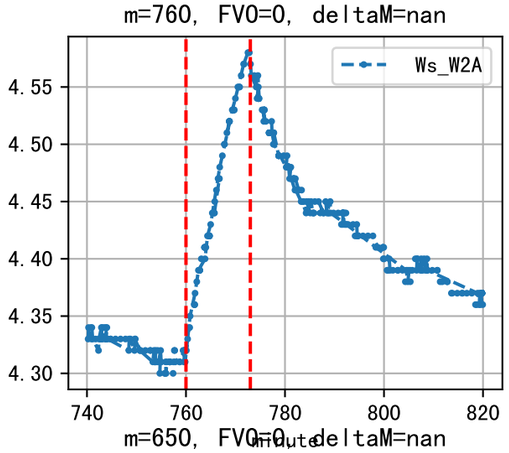
PS1_0, Day=3.0 (2026-03-04)

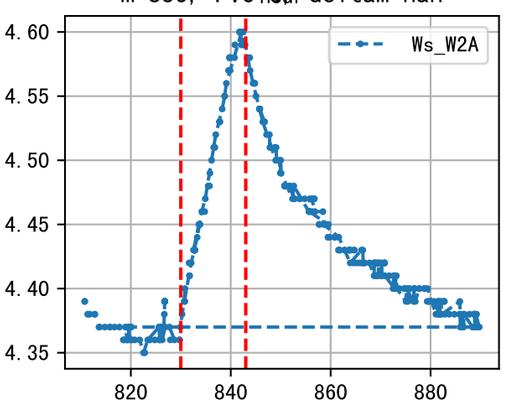


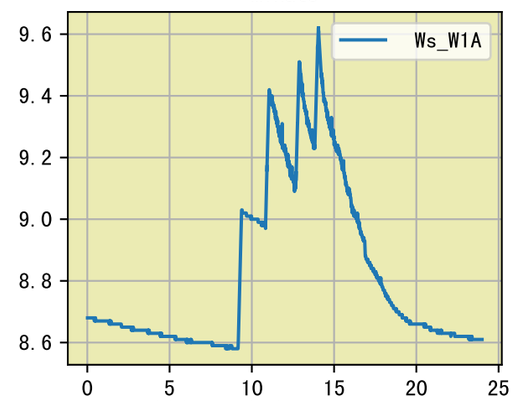

Ws_W2A
4.6
4.5
4.4
4.3
4.2
0
5
10
15
20
25
hour

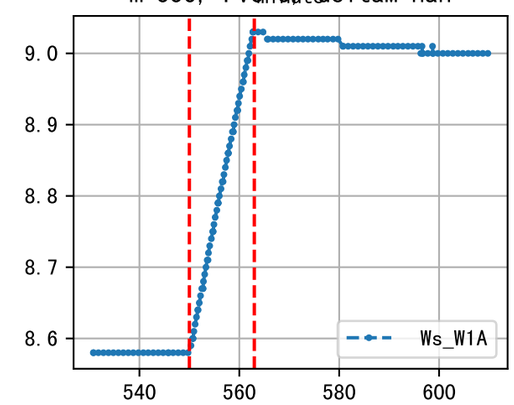

m=550, FV0=0, deltaM=nan
Ws_W2A
4.45
4.40
4.35
4.30
4.25
4.20
540
560
580
600
minute

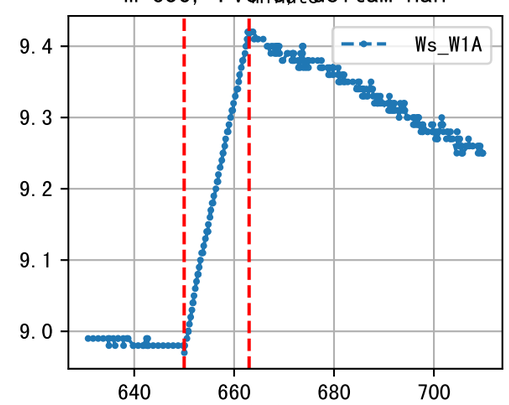

m=650, FV0=0, deltaM=nan
Ws_W2A
4.60
4.55
4.50
4.45
4.40
640
660
680
700
minute

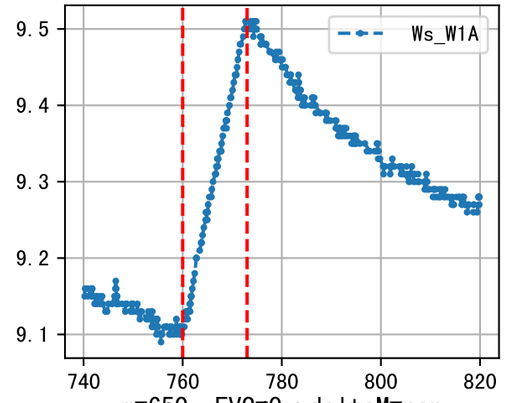

m=760, FV0=0, deltaM=nan
Ws_W2A
4.55
4.50
4.45
4.40
4.35
4.30
740
760
780
800
820
minute

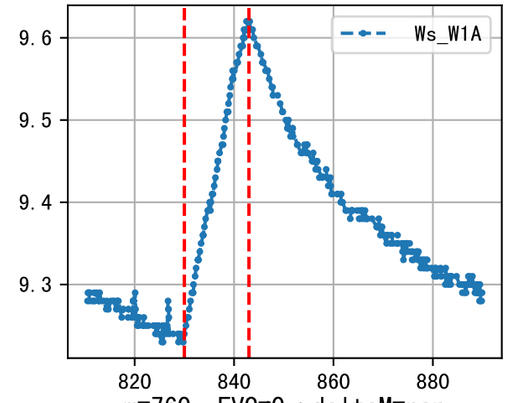

m=830, FV0=0, deltaM=nan
Ws_W2A
4.60
4.55
4.50
4.45
4.40
4.35
820
840
860
880
minute

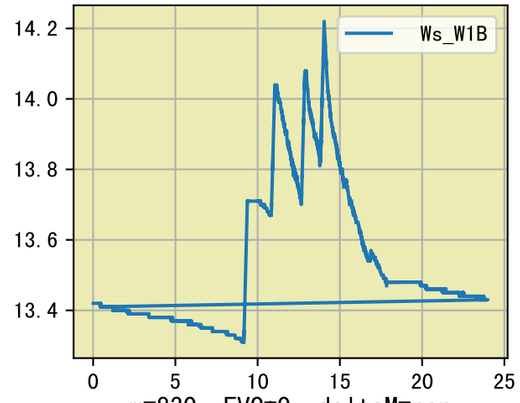

Ws_W1A
9.6
9.4
9.2
9.0
8.8
8.6
0
5
10
15
20
25
hour

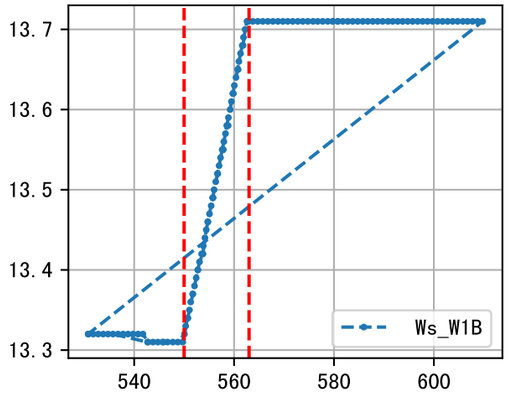

m=550, FV0=0, deltaM=nan
Ws_W1A
9.0
8.9
8.8
8.7
8.6
540
560
580
600
minute

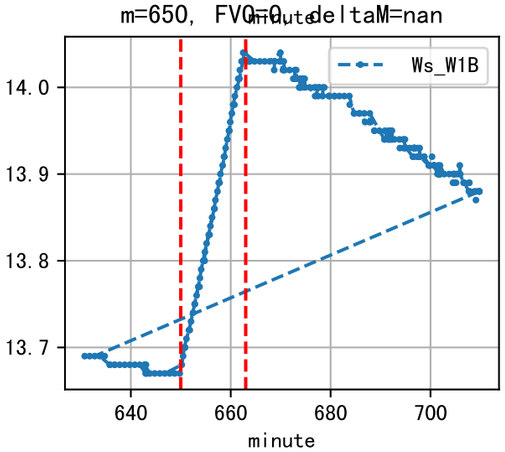

m=650, FV0=0, deltaM=nan
Ws_W1A
9.4
9.3
9.2
9.1
9.0
640
660
680
700
minute

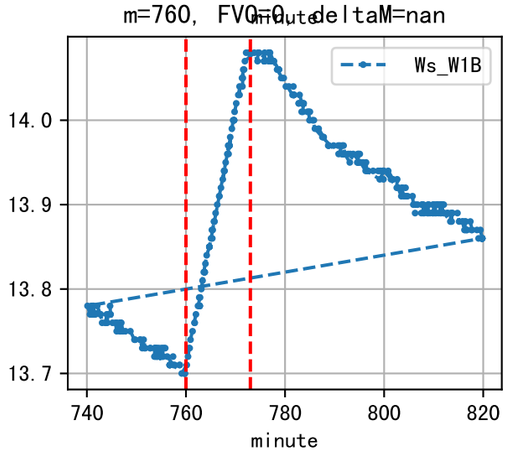

Ws_W1A
9.5
9.4
9.3
9.2
9.1
740
760
780
800
820
minute

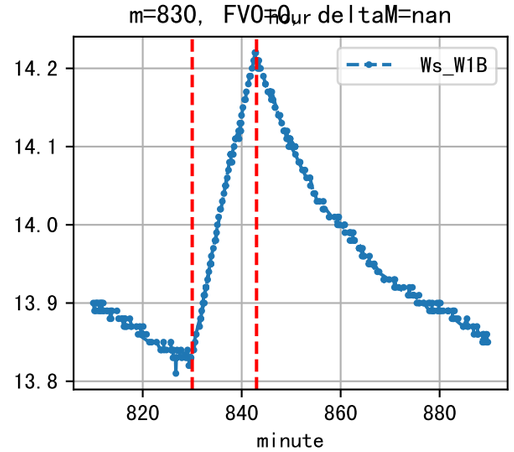

m=760, FV0=0, deltaM=nan
Ws_W1A
9.6
9.5
9.4
9.3
820
840
860
880
minute

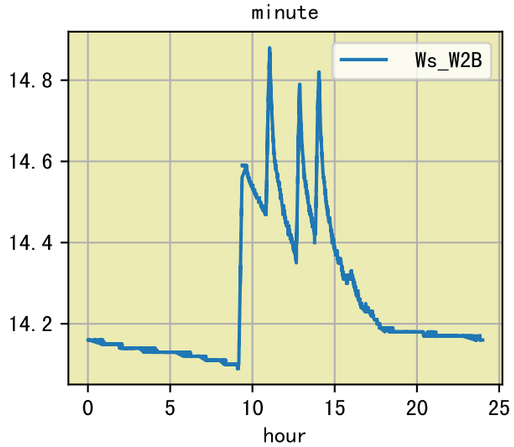

m=830, FV0=0, deltaM=nan
Ws_W1B
14.2
14.0
13.8
13.6
13.4
0
5
10
15
20
25
hour

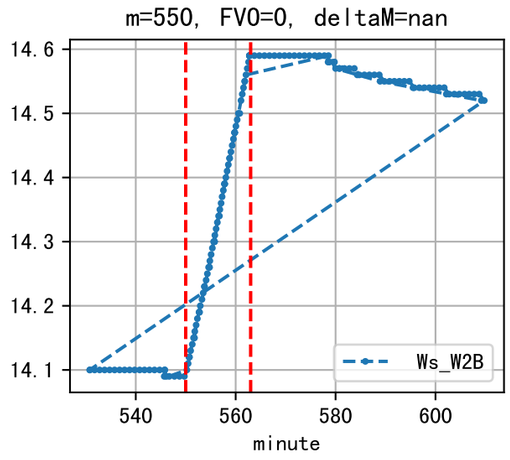
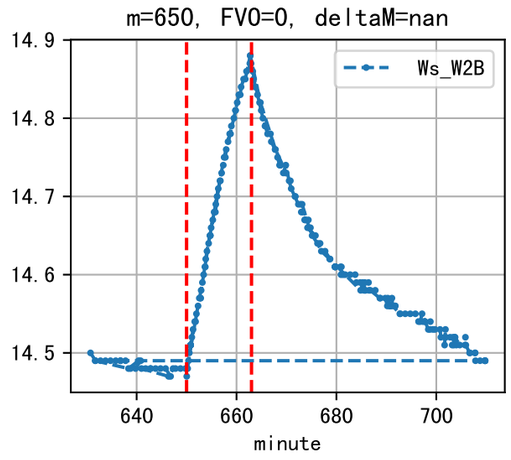
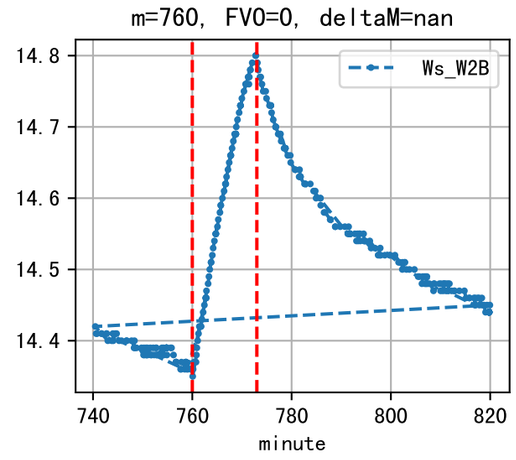
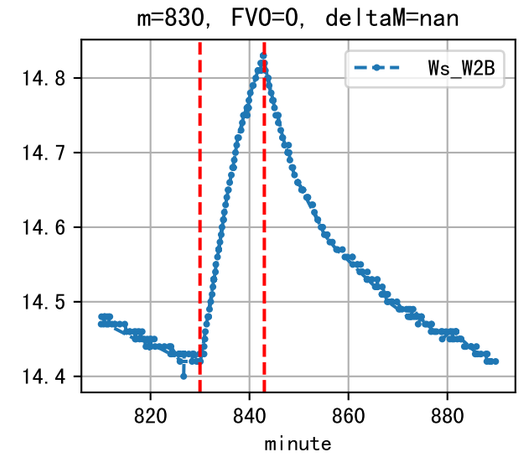

Ws_W1B
13.7
13.6
13.5
13.4
13.3
540
560
580
600
minute

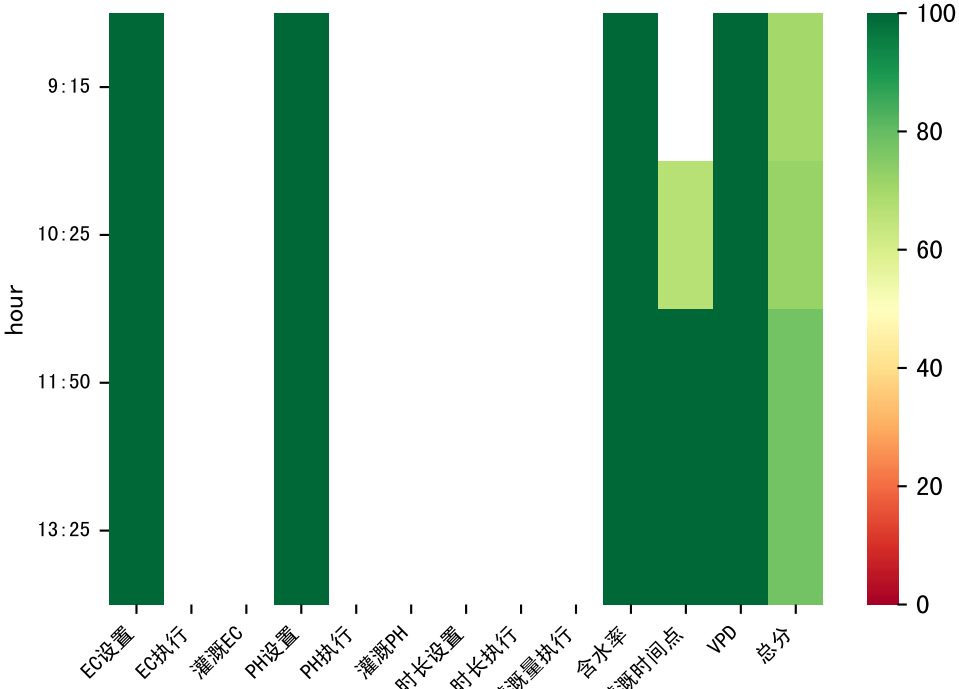

m=650, FV0=0, deltaM=nan
Ws_W1B
14.0
13.9
13.8
13.7
640
660
680
700
minute


m=760, FV0=0, deltaM=nan
Ws_W1B
14.0
13.9
13.8
13.7
740
760
780
800
820
minute


m=830, FV0=0, deltaM=nan
Ws_W1B
14.2
14.1
14.0
13.9
13.8
820
840
860
880
minute


Ws_W2B
14.8
14.6
14.4
14.2
0
5
10
15
20
25
hour

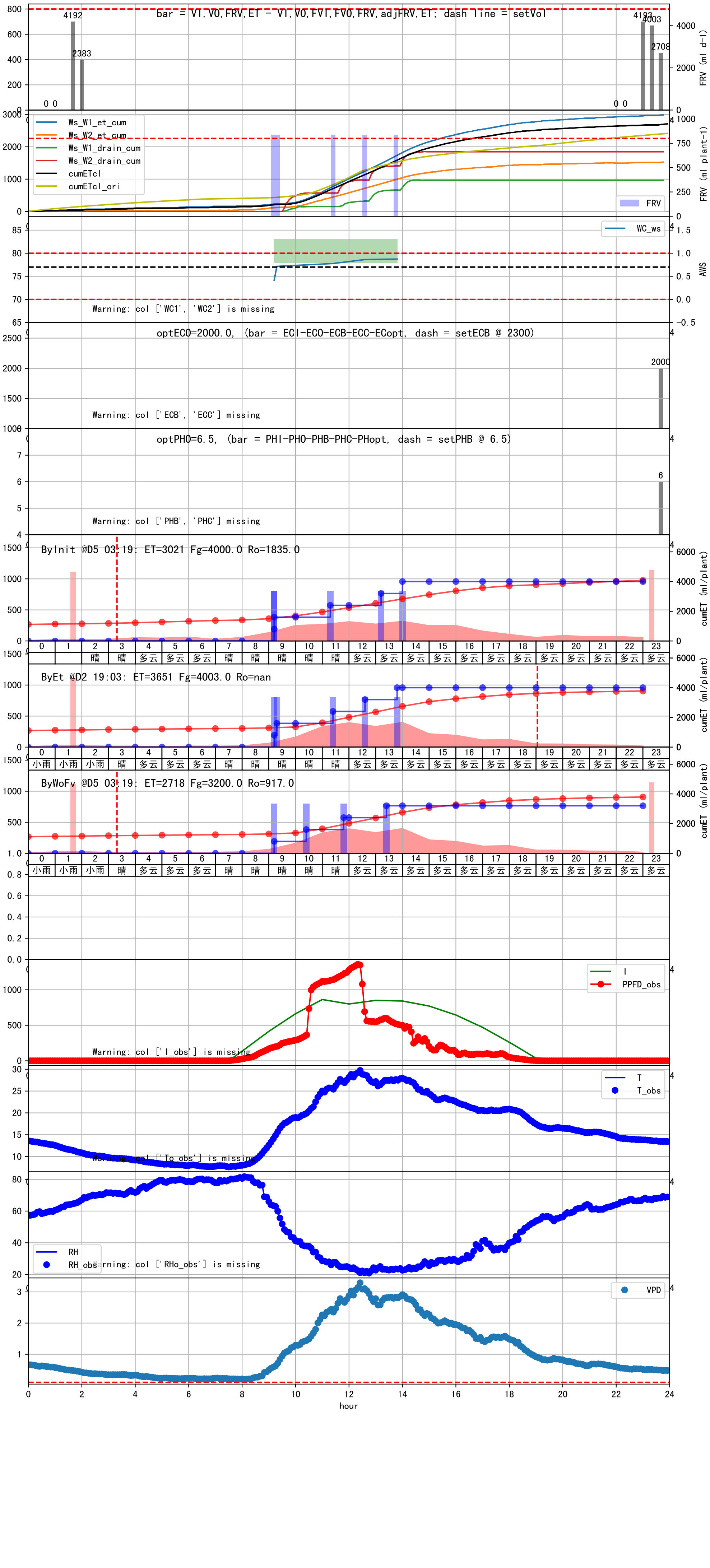

m=550, FV0=0, deltaM=nan
Ws_W2B
minute

m=650, FV0=0, deltaM=nan
Ws_W2B
minute

m=760, FV0=0, deltaM=nan
Ws_W2B
minute

m=830, FV0=0, deltaM=nan
Ws_W2B
minute

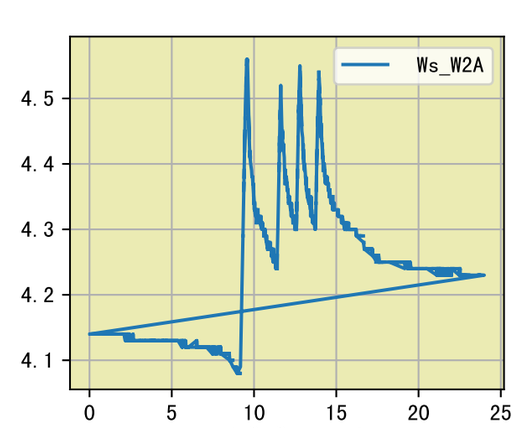

hour
9:15
10:25
11:50
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

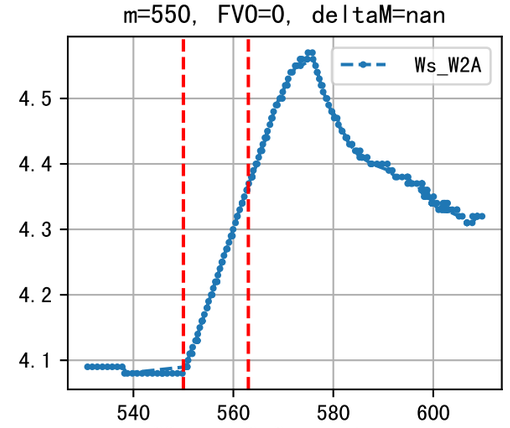
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
15	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
25	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 157 ml/株）
50	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 383 ml/株）
25	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 377 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：2300， PH：6.5

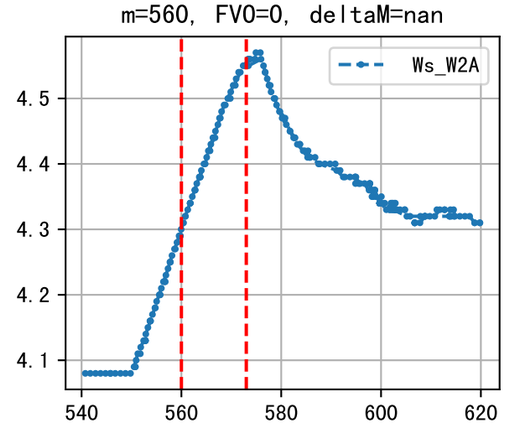
滴头平均流速偏大（1.1 vs def 0.5），请检查
默认实际灌溉801.0 ml.

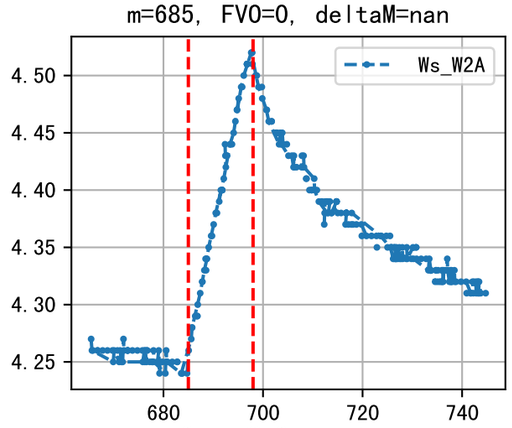
PS1_0, Day=2.0 (2026-03-03)

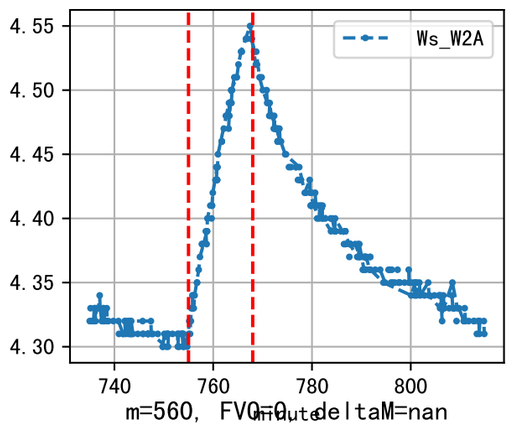


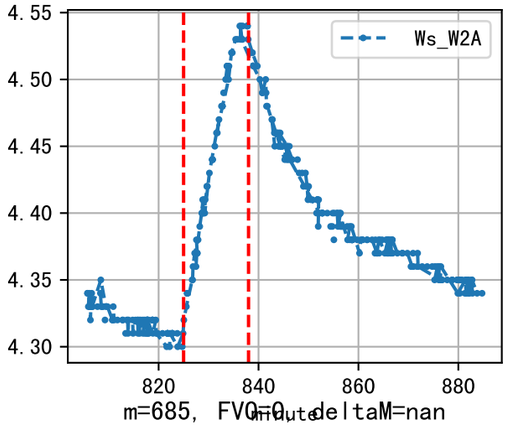

Ws_W2A
4.5
4.4
4.3
4.2
4.1
0
5
10
15
20
25

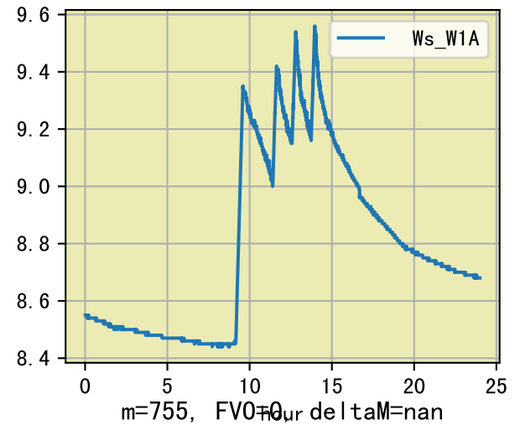

m=550, FV0=0, deltaM=nan
Ws_W2A
4.5
4.4
4.3
4.2
4.1
540
560
580
600

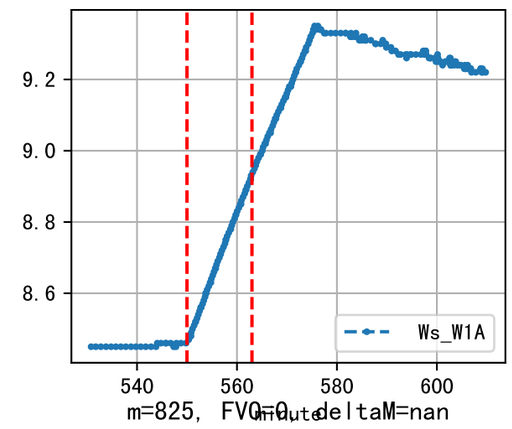

m=560, FV0=0, deltaM=nan
Ws_W2A
4.5
4.4
4.3
4.2
4.1
540
560
580
600
620
minute

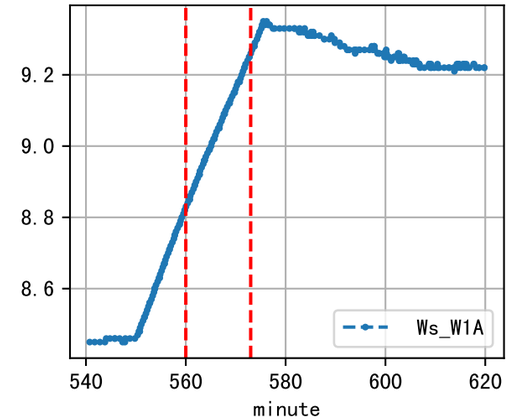

m=685, FV0=0, deltaM=nan
Ws_W2A
4.50
4.45
4.40
4.35
4.30
4.25
680
700
720
740

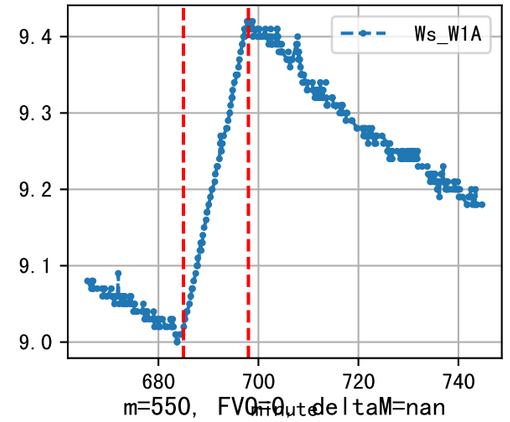

m=755, FV0=0, deltaM=nan
Ws_W2A
4.55
4.50
4.45
4.40
4.35
4.30
740
760
780
800
hour

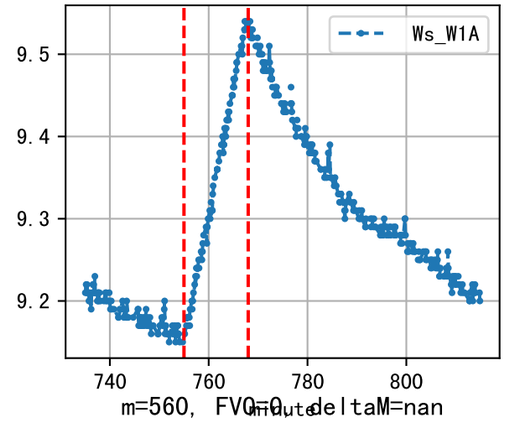

m=825, FV0=0, deltaM=nan
Ws_W2A
4.55
4.50
4.45
4.40
4.35
4.30
820
840
860
880
minute

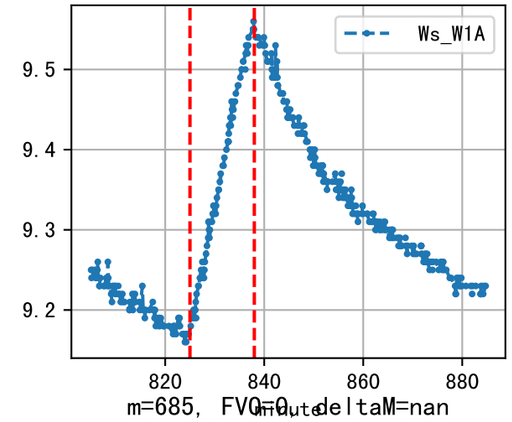

m=550, FV0=0, deltaM=nan
Ws_W1A
9.6
9.4
9.2
9.0
8.8
8.6
8.4
0
5
10
15
20
25
hour

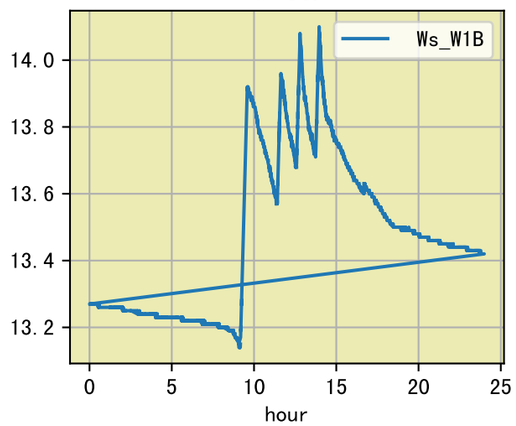

m=560, FV0=0, deltaM=nan
Ws_W1A
9.2
9.0
8.8
8.6
540
560
580
600
minute

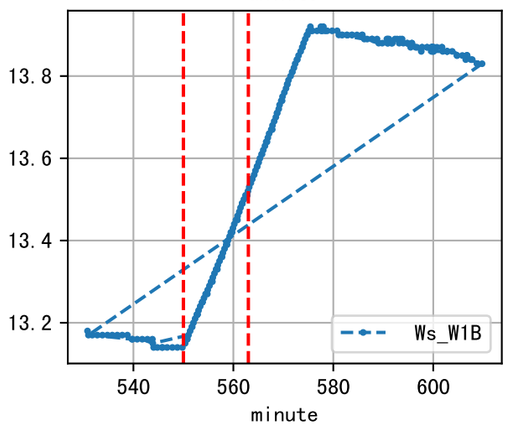

Ws_W1A
9.2
9.0
8.8
8.6
540
560
580
600
620
minute

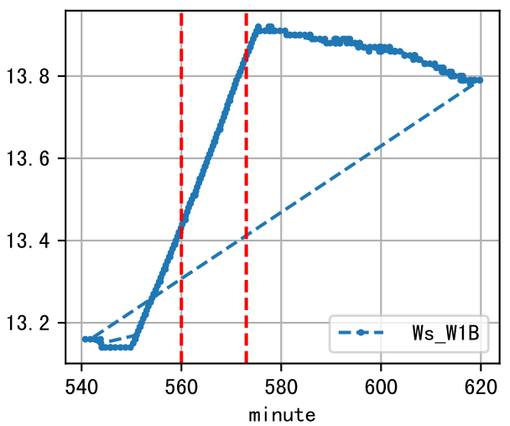

m=685, FV0=0, deltaM=nan
Ws_W1A
9.4
9.3
9.2
9.1
9.0
680
700
720
740
minute

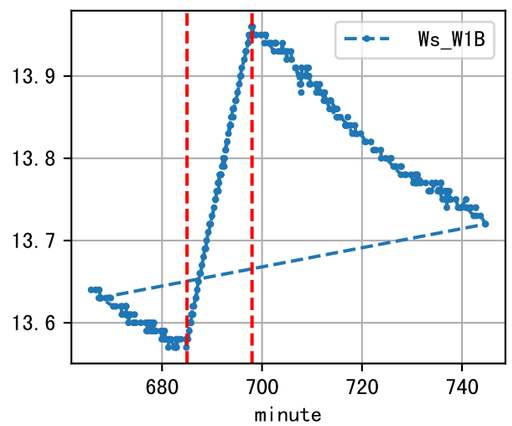

m=755, FV0=0, deltaM=nan
Ws_W1A
9.5
9.4
9.3
9.2
740
760
780
800
minute

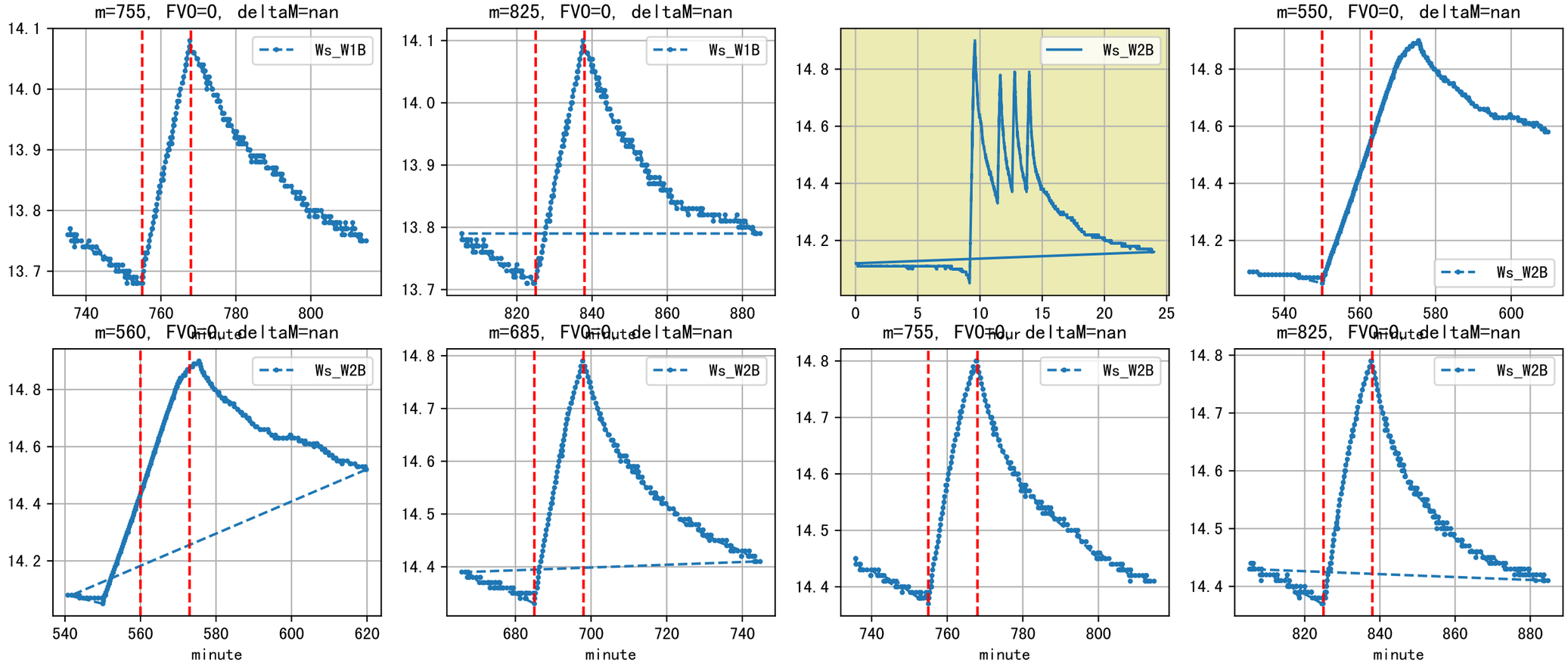

m=825, FV0=0, deltaM=nan
Ws_W1A
9.5
9.4
9.3
9.2
820
840
860
880
minute

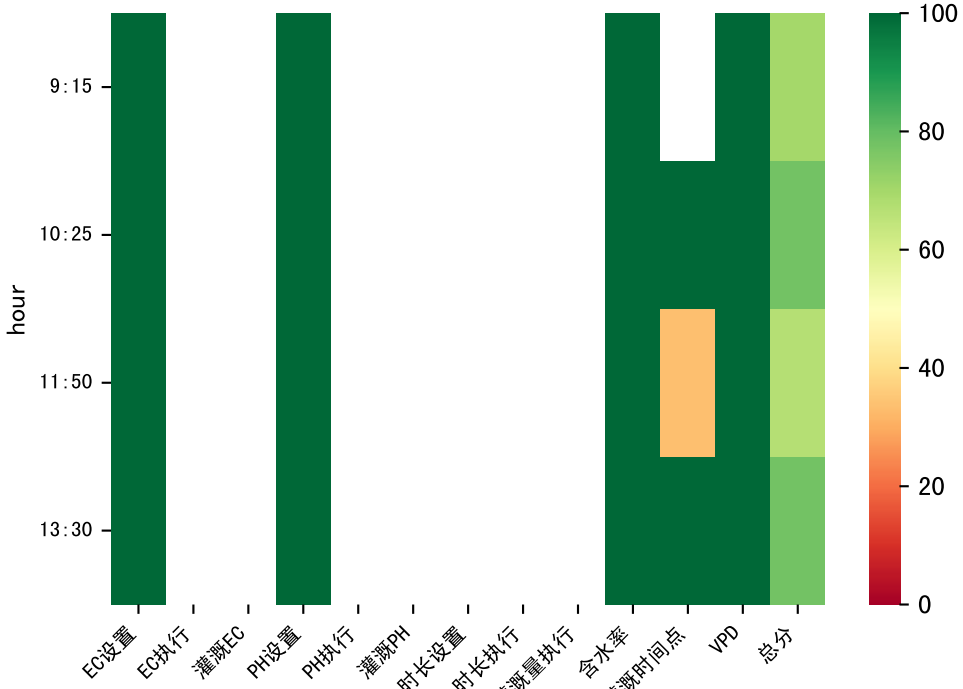

Ws_W1B
14.0
13.8
13.6
13.4
13.2
0
5
10
15
20
25
hour


m=550, FV0=0, deltaM=nan
Ws_W1B
13.8
13.6
13.4
13.2
540
560
580
600
minute


m=560, FV0=0, deltaM=nan
Ws_W1B
13.8
13.6
13.4
13.2
540
560
580
600
620
minute


m=685, FV0=0, deltaM=nan
Ws_W1B
13.9
13.8
13.7
13.6
680
700
720
740
minute

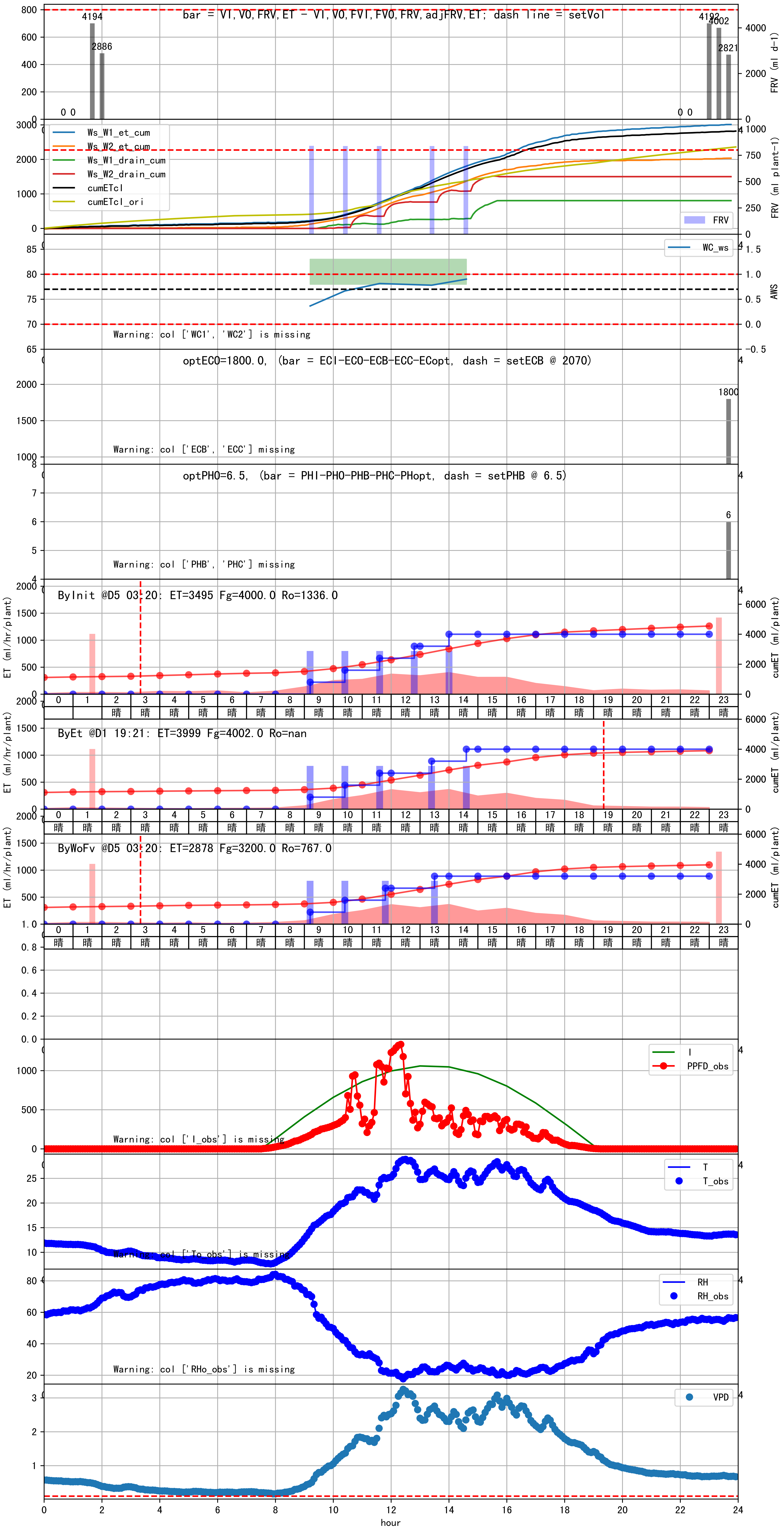

m=755, FVO=0, deltaM=nan
m=825, FVO=0, deltaM=nan
m=550, FVO=0, deltaM=nan
m=560, FVO=0, deltaM=nan
m=685, FVO=0, deltaM=nan
m=755, FVO=0, deltaM=nan
m=825, FVO=0, deltaM=nan
Ws_W1B
Ws_W2B
minute

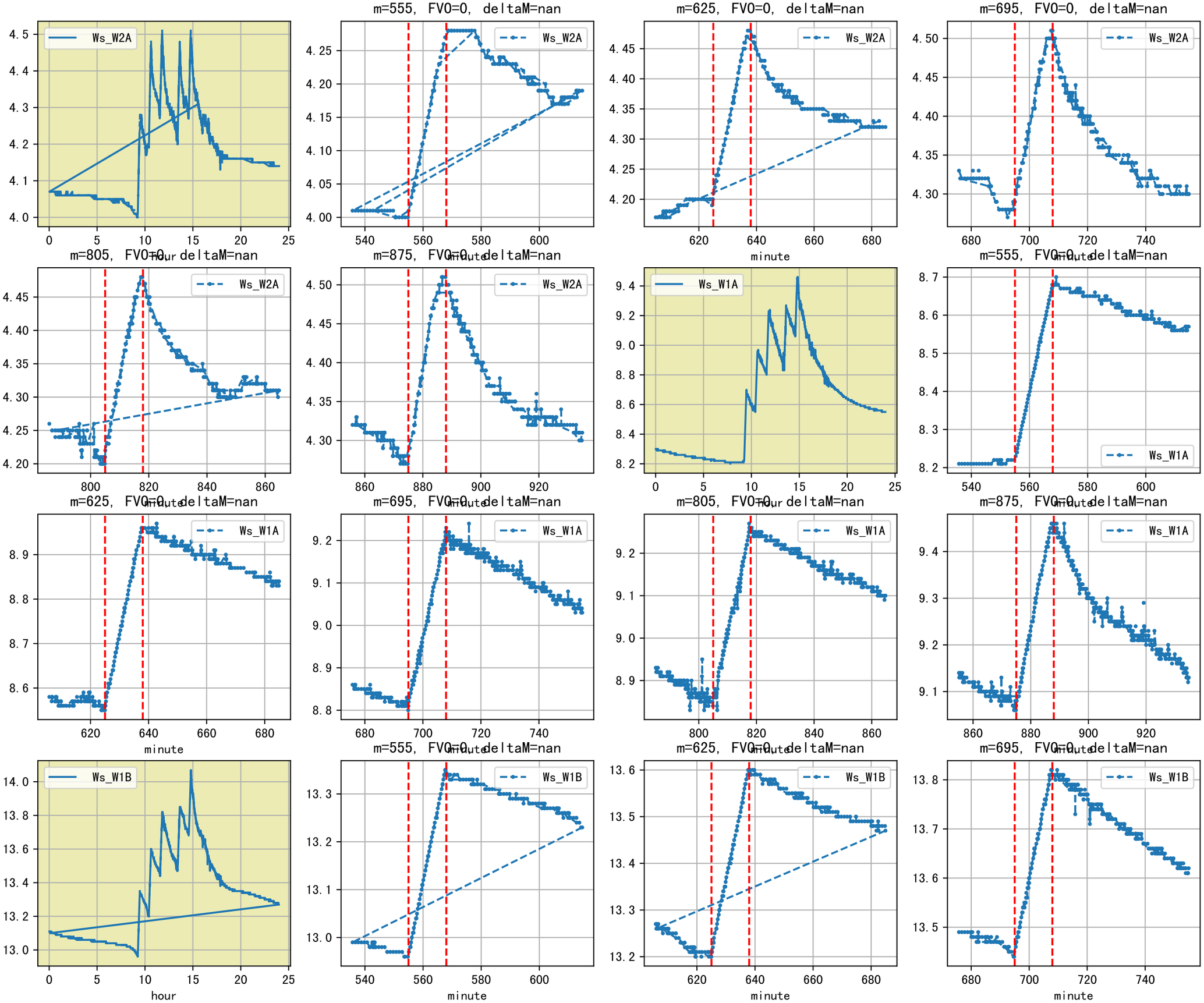

hour
9:15
10:25
11:50
13:30
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

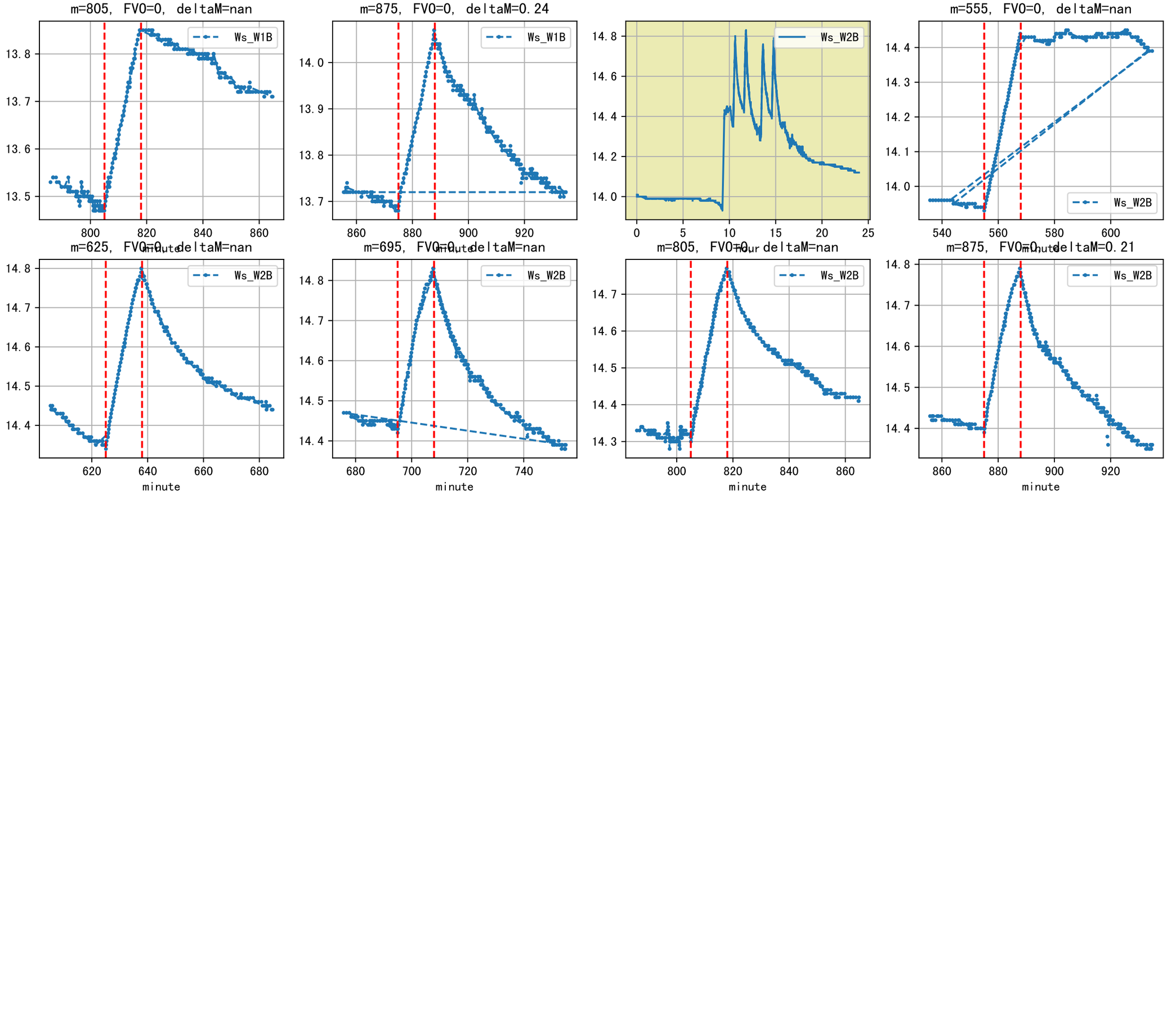
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
15	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
25	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
50	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 377 ml/株）
30	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 390 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：2070， PH：6.5

滴头平均流速偏大（1.1 vs def 0.5），请检查
默认实际灌溉800.0 ml.

PS1_0, Day=1.0 (2026-03-02)




Ws_W2A
m=555, FVO=0, deltaM=nan
m=625, FVO=0, deltaM=nan
m=695, FVO=0, deltaM=nan
m=805, FVO=0, deltaM=nan
m=875, FVO=0, deltaM=nan
Ws_W1A
m=555, FVO=0, deltaM=nan
m=625, FVO=0, deltaM=nan
m=695, FVO=0, deltaM=nan
m=805, FVO=0, deltaM=nan
m=875, FVO=0, deltaM=nan
Ws_W1B
m=555, FVO=0, deltaM=nan
m=625, FVO=0, deltaM=nan
m=695, FVO=0, deltaM=nan
hour
minute


m=805, FVO=0, deltaM=nan
Ws_W1B
m=875, FVO=0, deltaM=0.24
Ws_W1B
Ws_W2B
m=555, FVO=0, deltaM=nan
Ws_W2B
m=625, FVO=0, deltaM=nan
Ws_W2B
minute
m=695, FVO=0, deltaM=nan
Ws_W2B
minute
m=805, FVO=0, deltaM=nan
Ws_W2B
minute
m=875, FVO=0, deltaM=0.21
Ws_W2B
minute