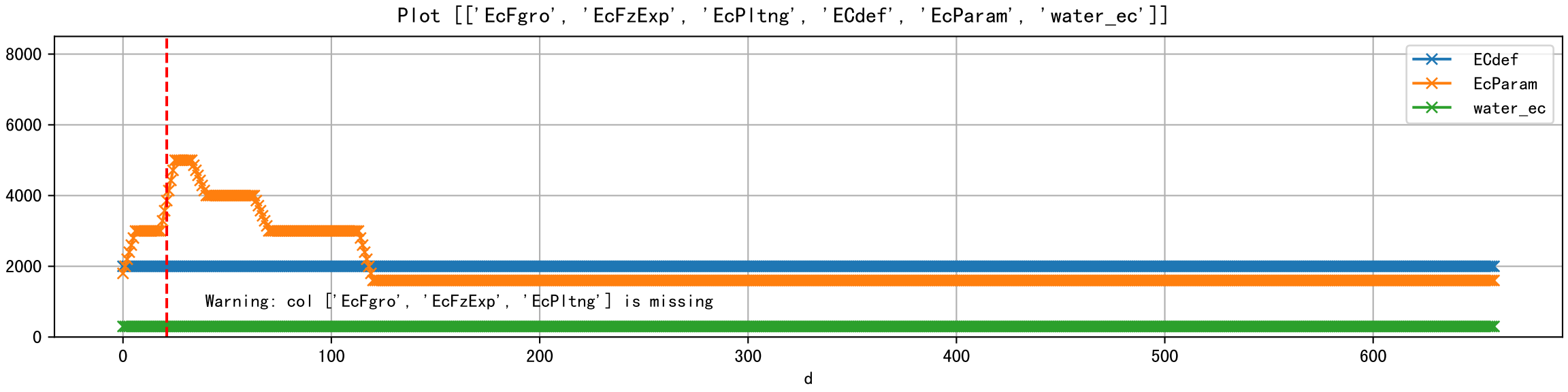
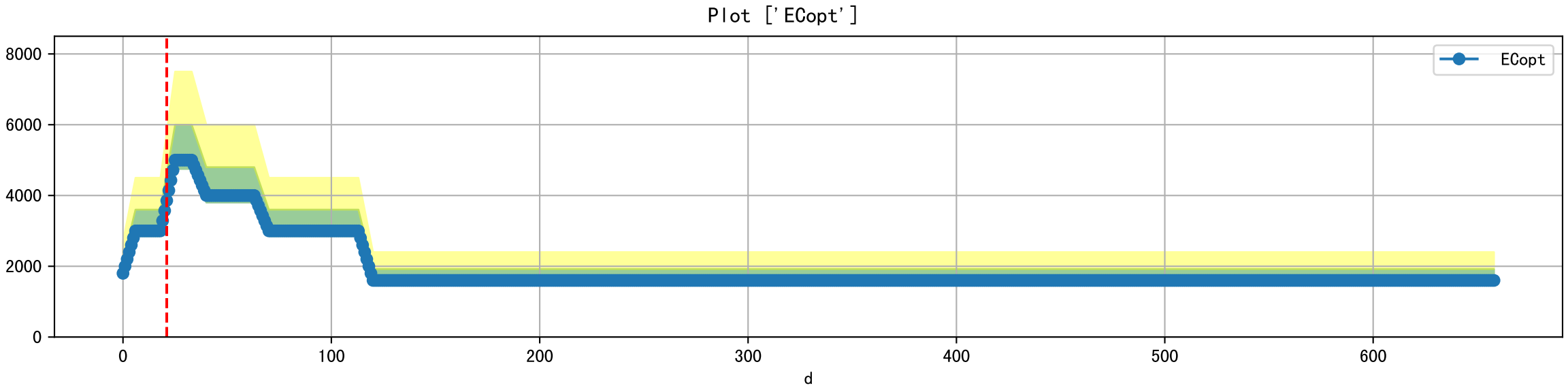
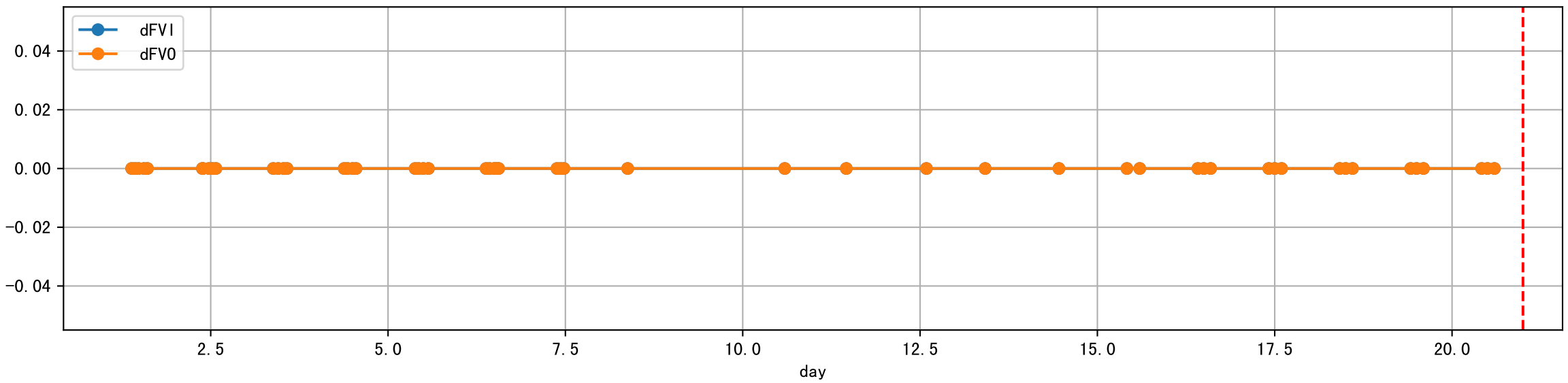
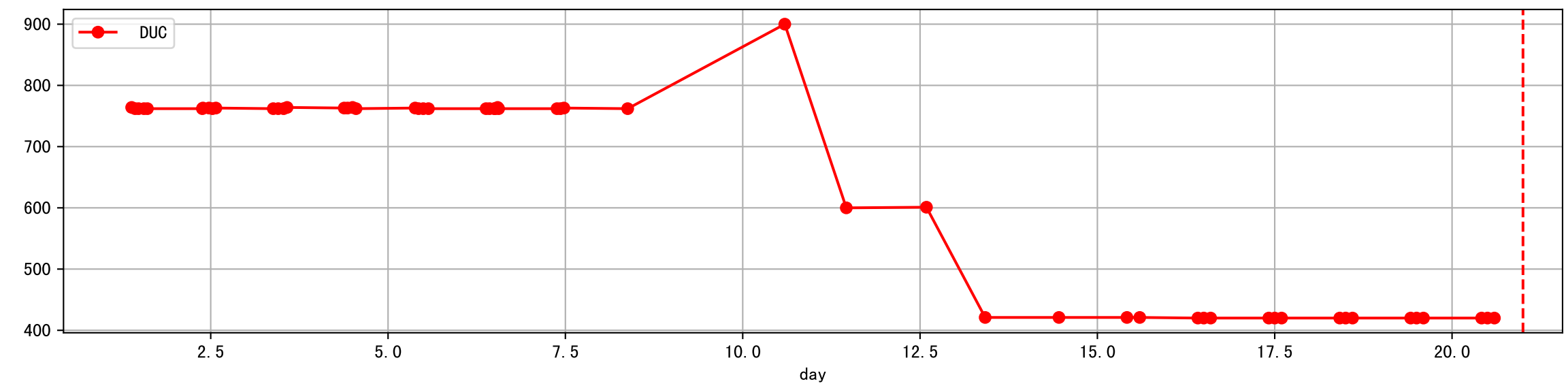
FgArea: ['0']
YN79 PS1
2026-03-22 (Day 21)

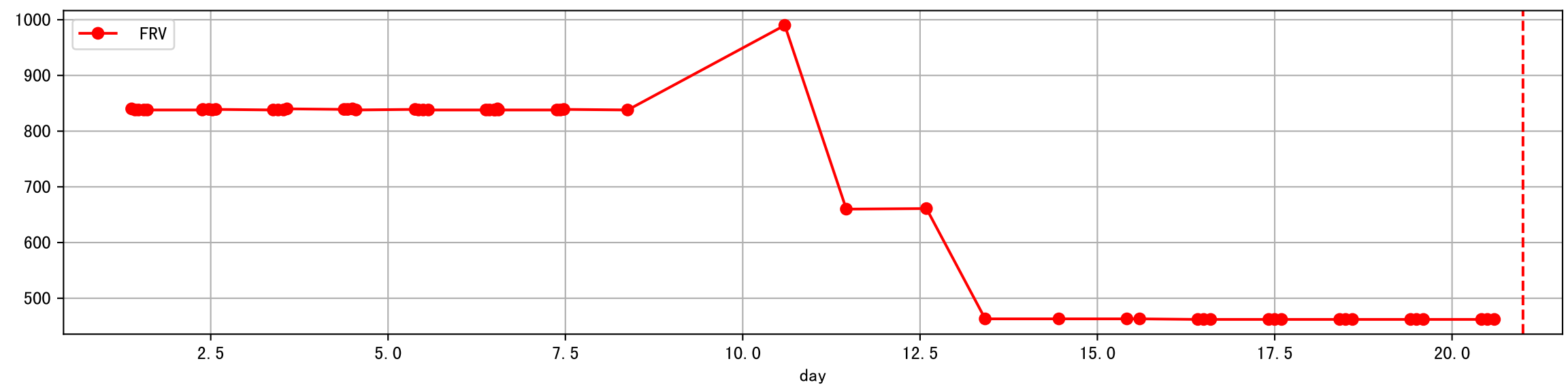

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcFzExp', 'EcPltng'] is missing
8000
6000
4000
2000
0
0
100
200
300
400
500
600
d

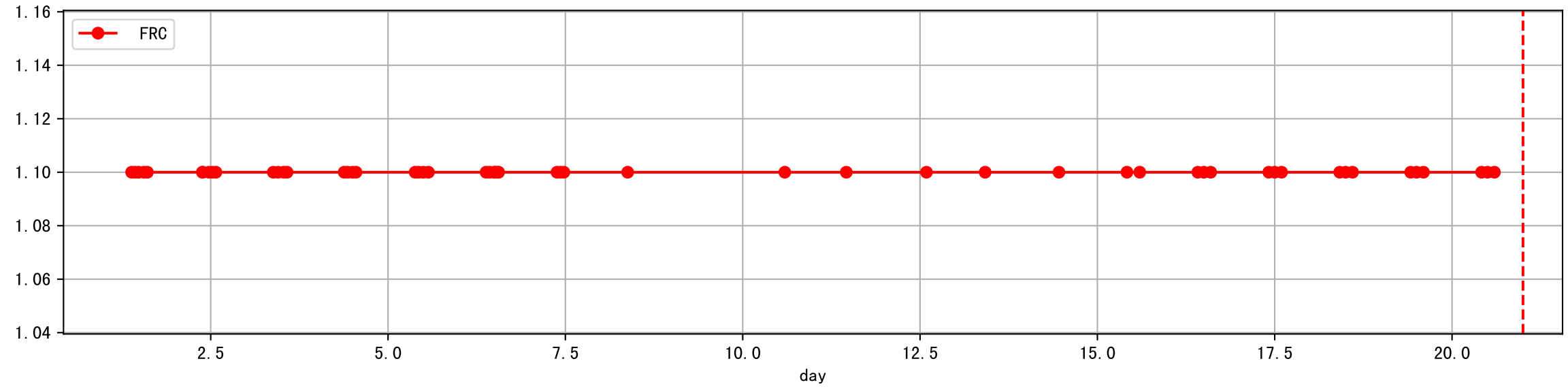

Plot ['ECopt']
ECopt
8000
6000
4000
2000
0
0
100
200
300
400
500
600
d

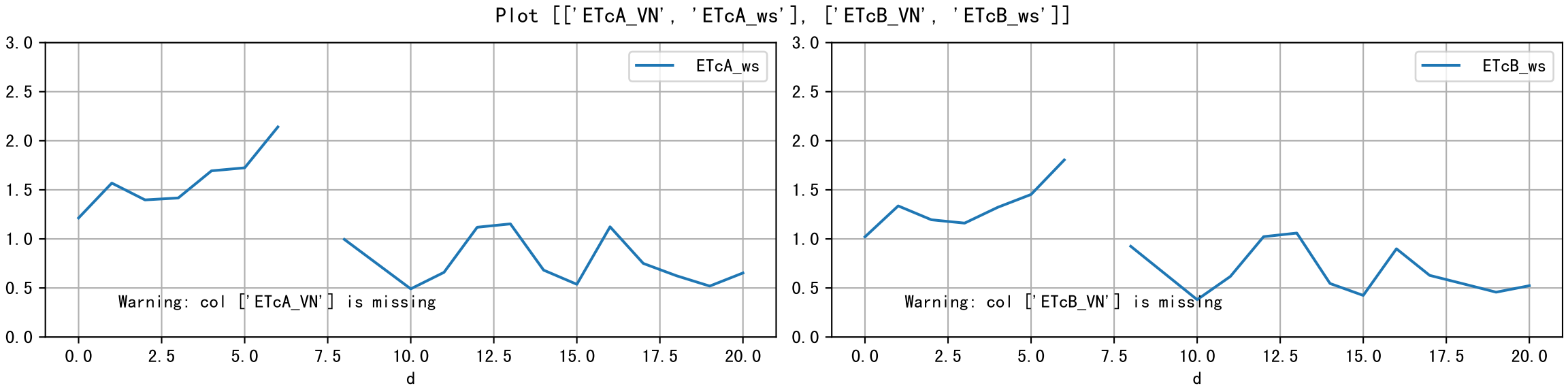
Plot Sensor and FgRec Data

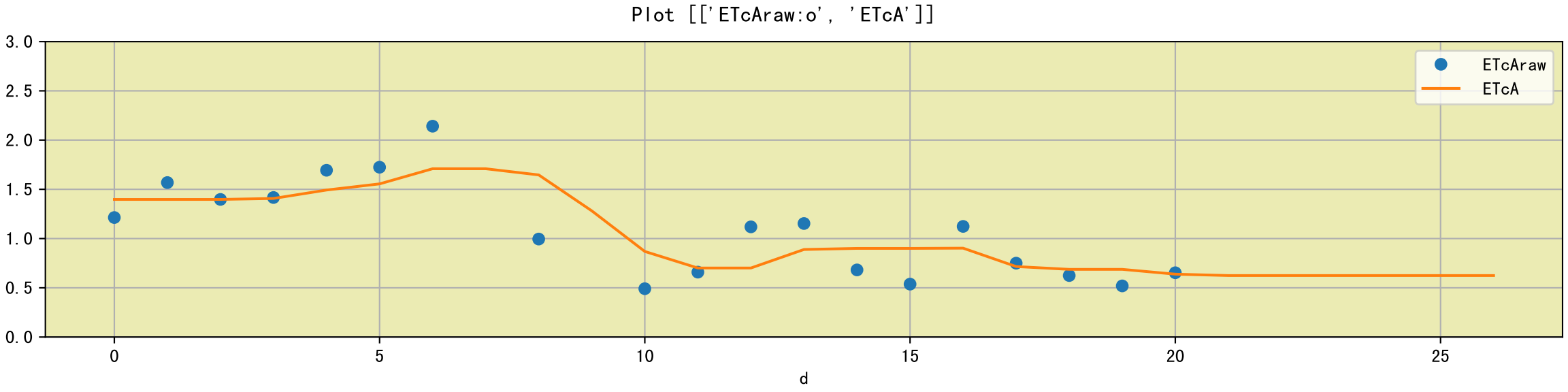


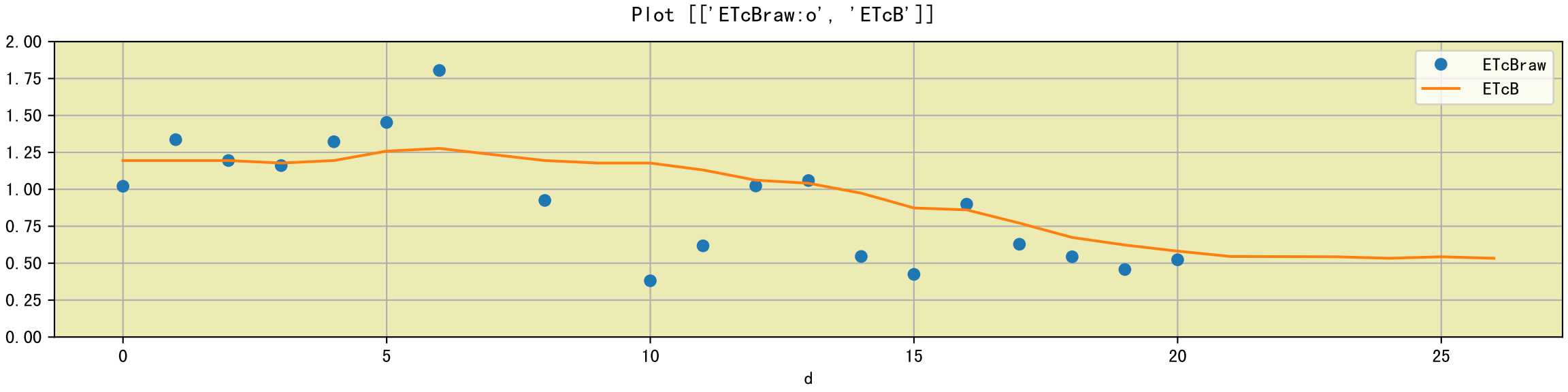




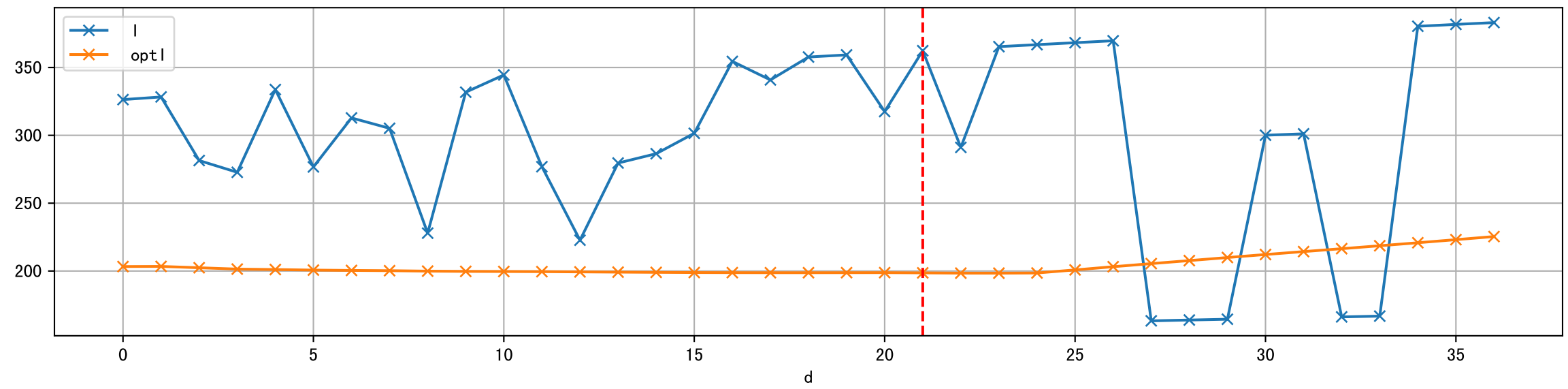


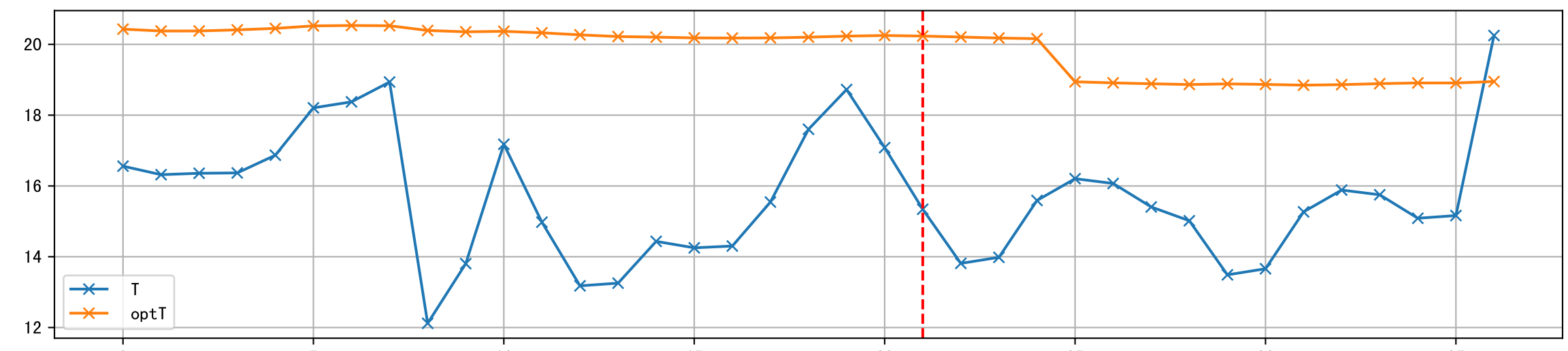

Plot [['ETcA_VN', 'ETcA_ws'], ['ETcB_VN', 'ETcB_ws']]
ETcA_ws
Warning: col ['ETcA_VN'] is missing
d
ETcB_ws
Warning: col ['ETcB_VN'] is missing
d

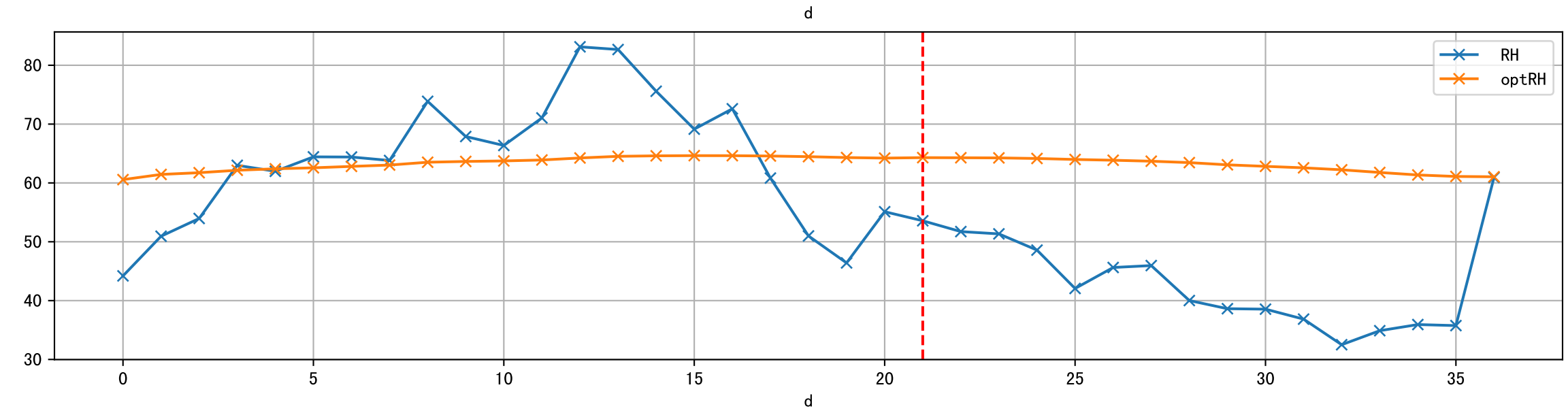

Plot [['ETcAraw:o', 'ETcA']]
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
d
ETcAraw
ETcA

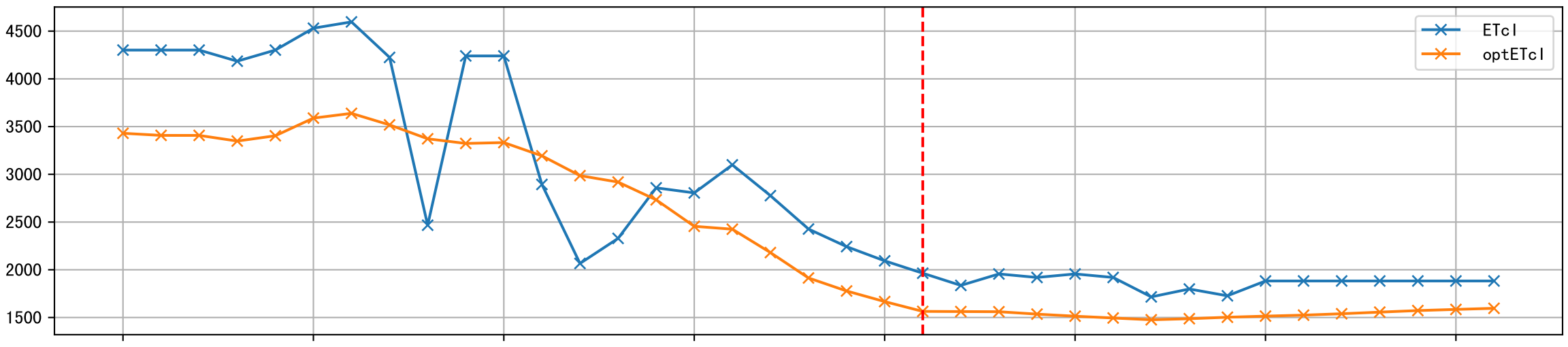

Plot [['ETcBraw:o', 'ETcB']]
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0
5
10
15
20
25
d
ETcBraw
ETcB

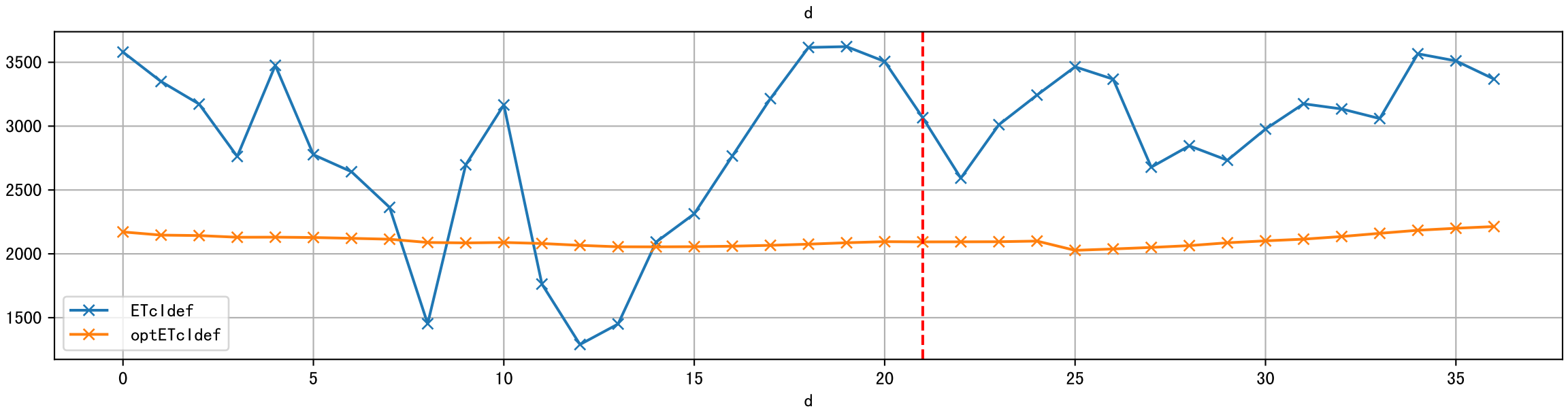
['I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

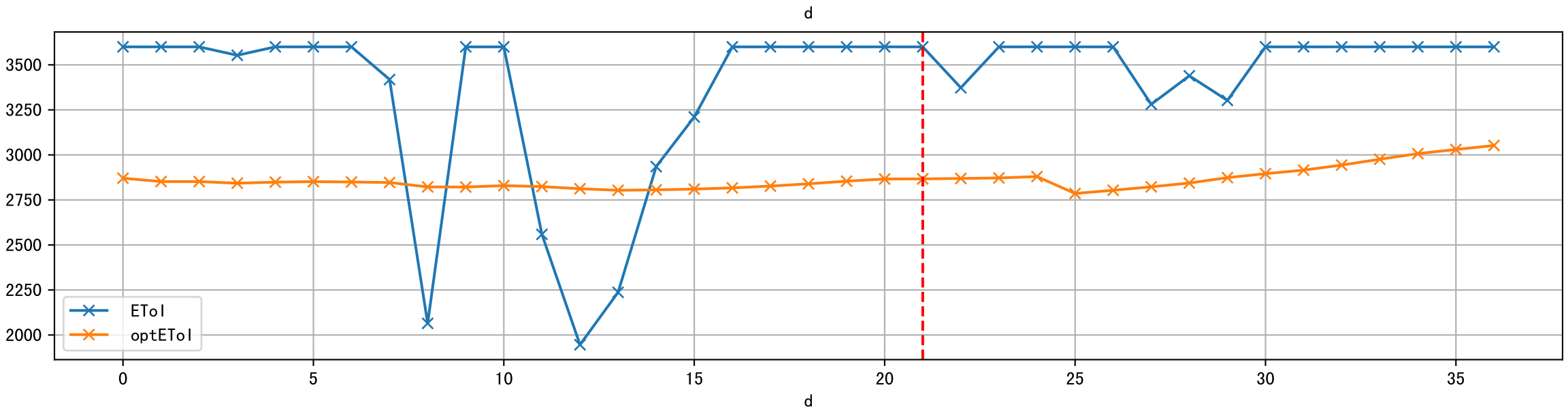


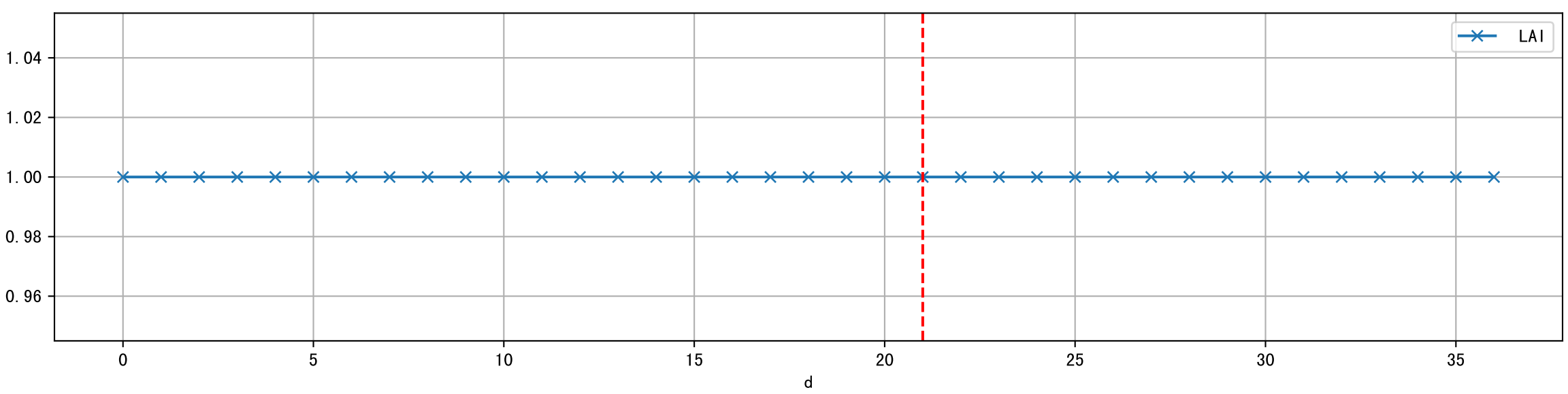


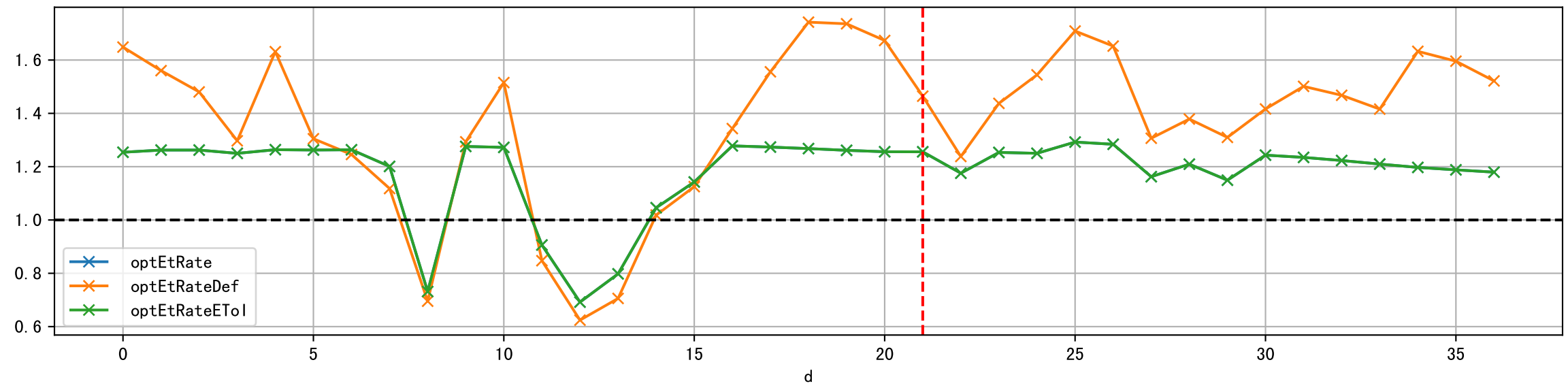


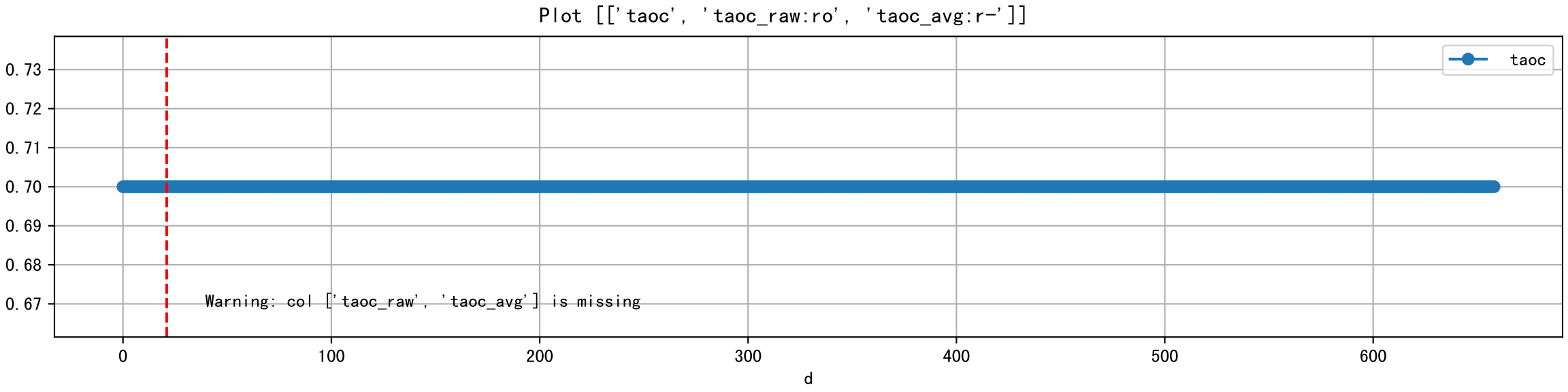


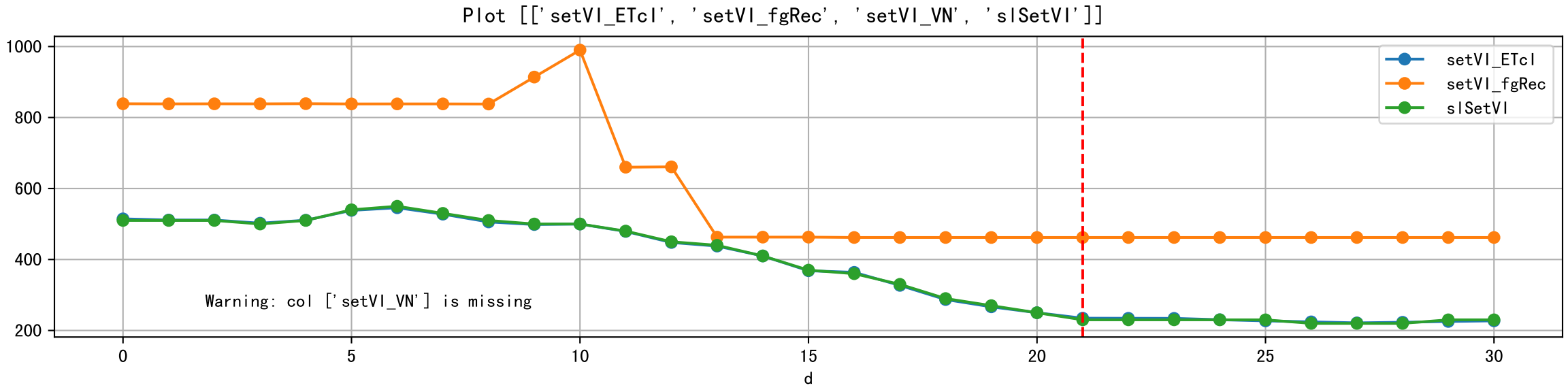


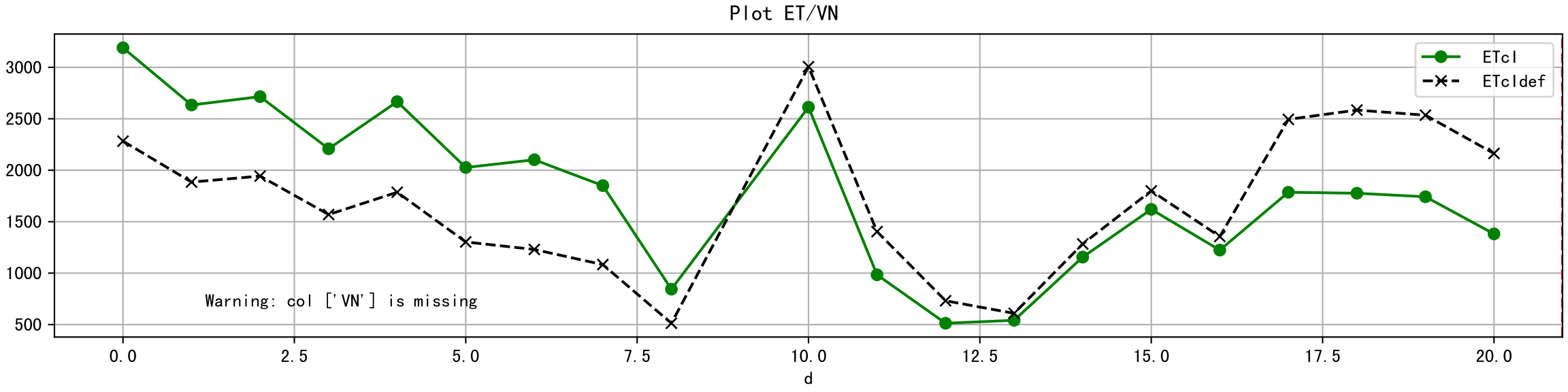


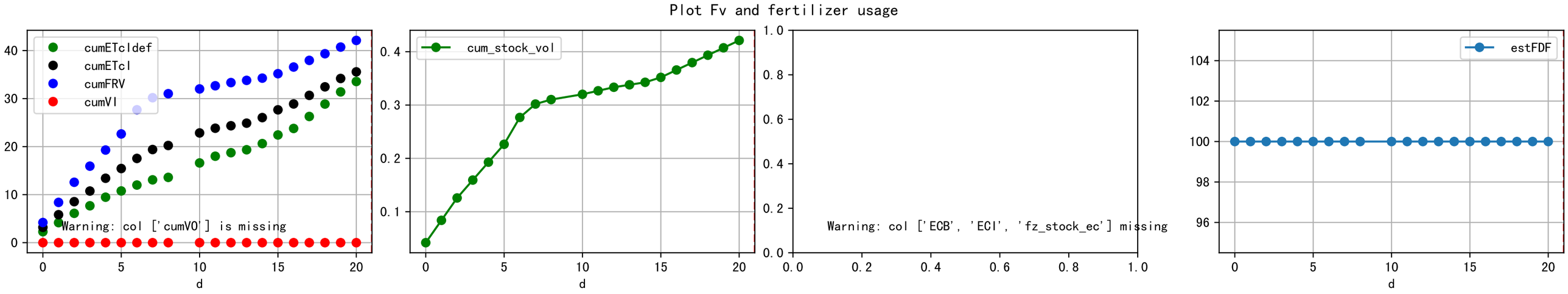


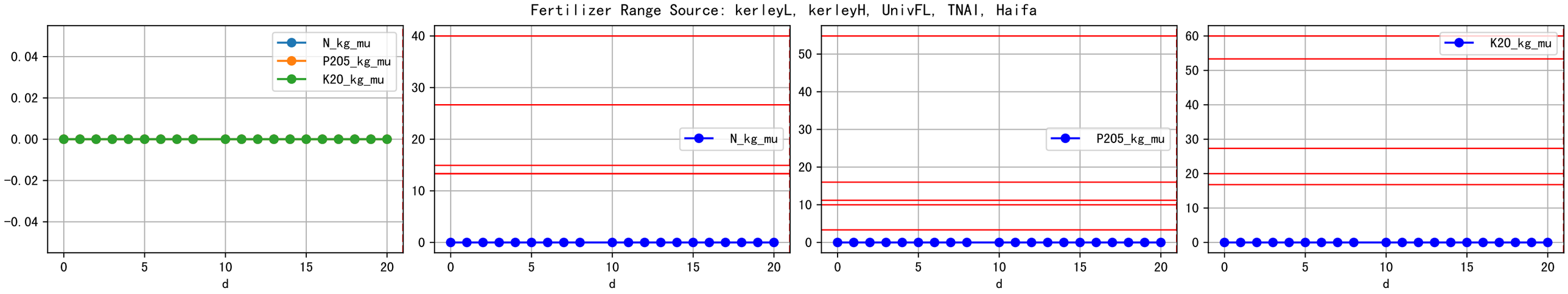



Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
taoc
0.73
0.72
0.71
0.70
0.69
0.68
0.67
Warning: col ['taoc_raw', 'taoc_avg'] is missing
0
100
200
300
400
500
600
d

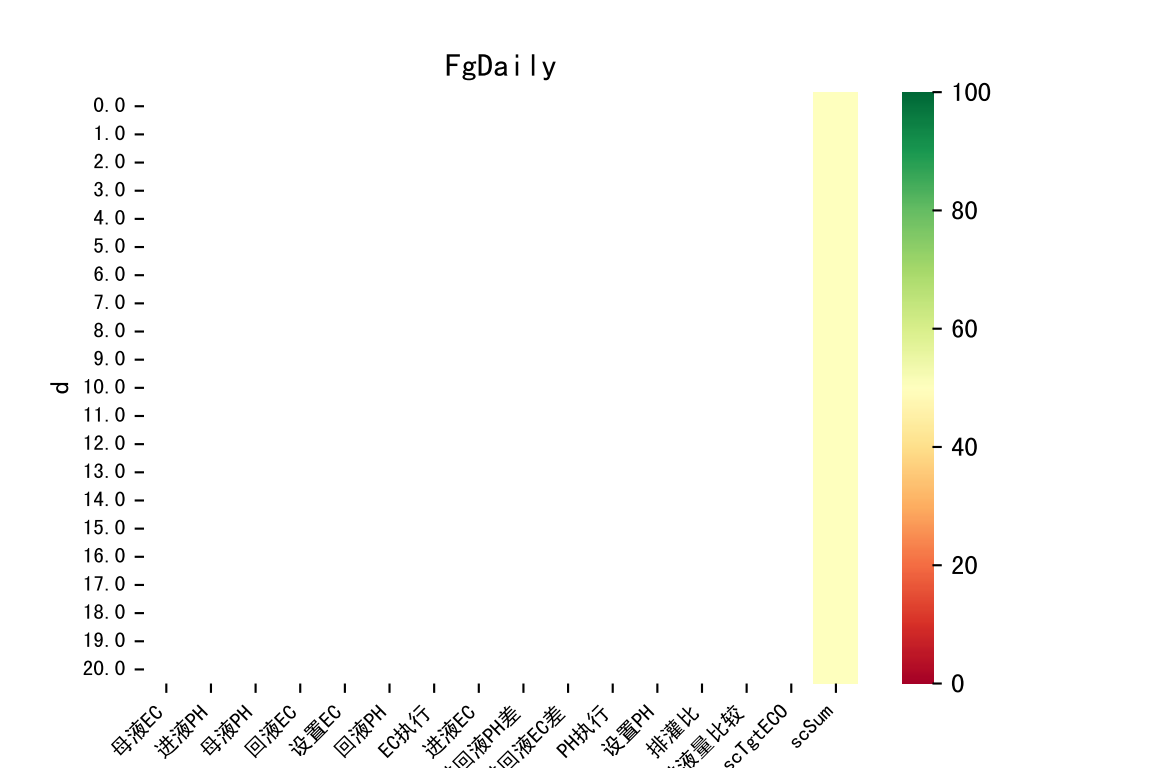

Plot [['setVI_ETcl', 'setVI_fgRec', 'setVI_VN', 'slSetVI']]
setVI_ETcl
setVI_fgRec
slSetVI
Warning: col ['setVI_VN'] is missing
1000
800
600
400
200
0
5
10
15
20
25
30
d

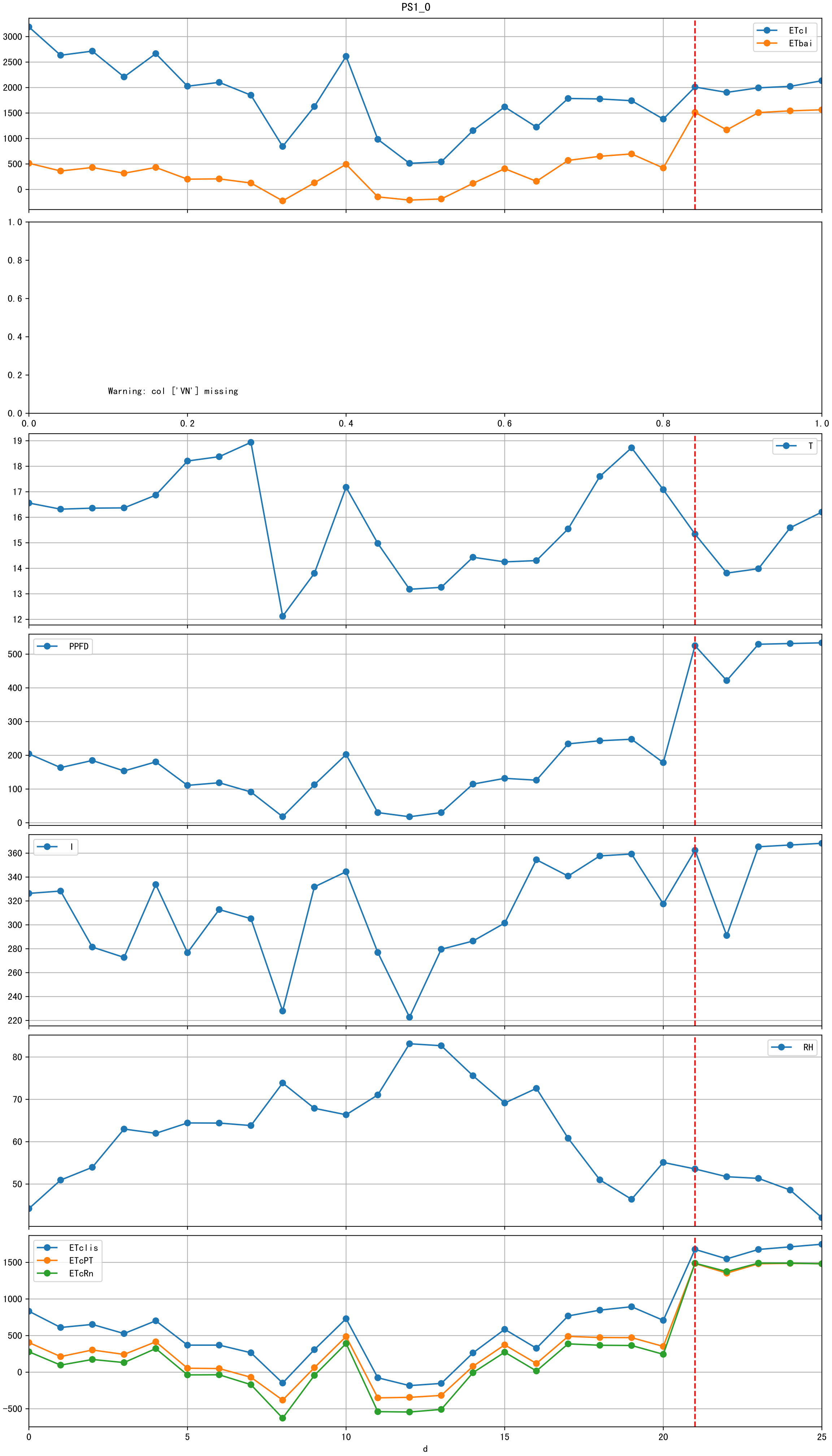

Plot ET/VN
ETcl
ETcldef
Warning: col ['VN'] is missing
3000
2500
2000
1500
1000
500
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
d

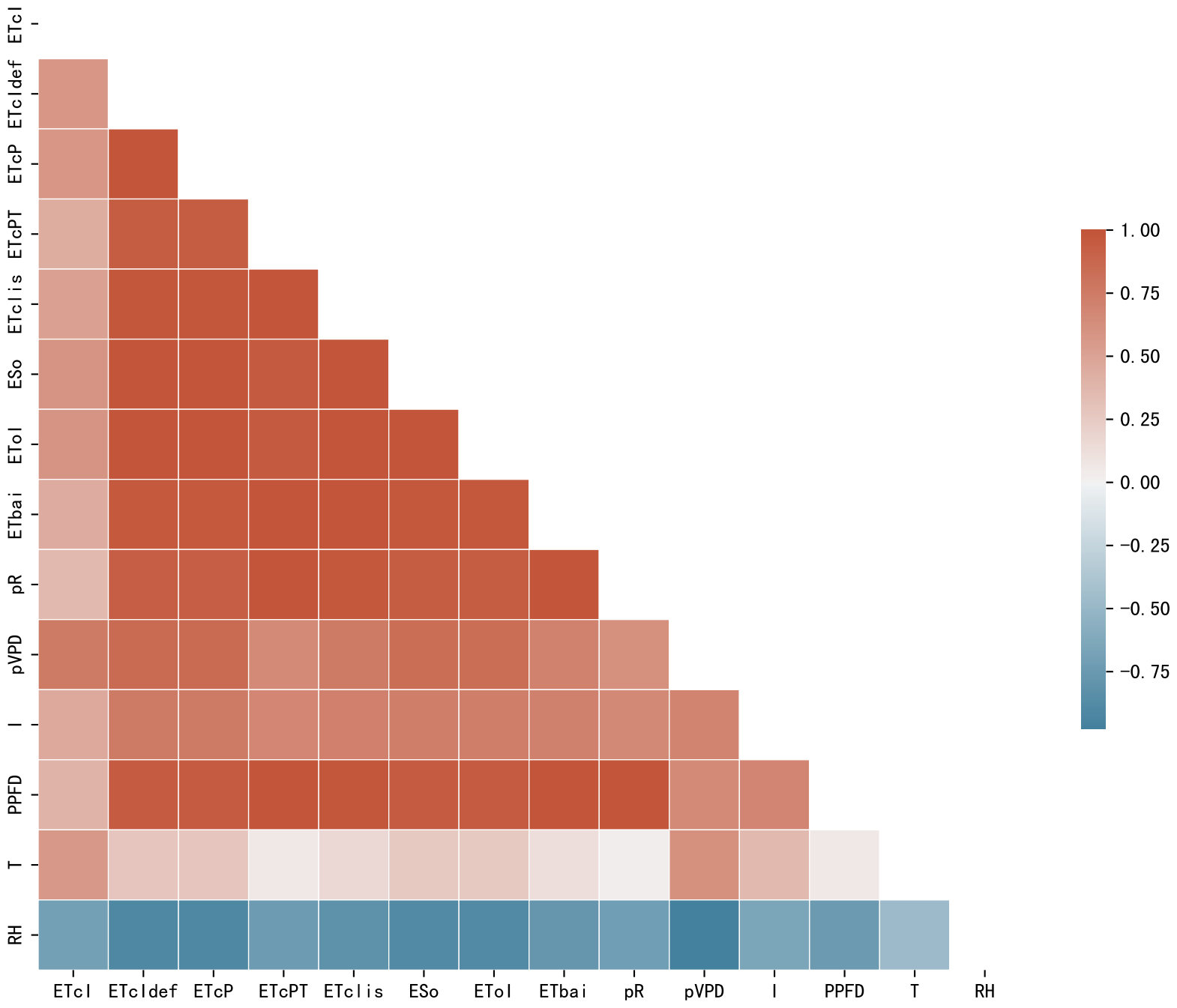

Plot Fv and fertilizer usage
cumETcldef
cumETcl
cumFRV
cumVI
Warning: col ['cumVO'] is missing
d
cum_stock_vol
d
Warning: col ['ECB', 'ECI', 'fz_stock_ec'] missing
estFDF
d

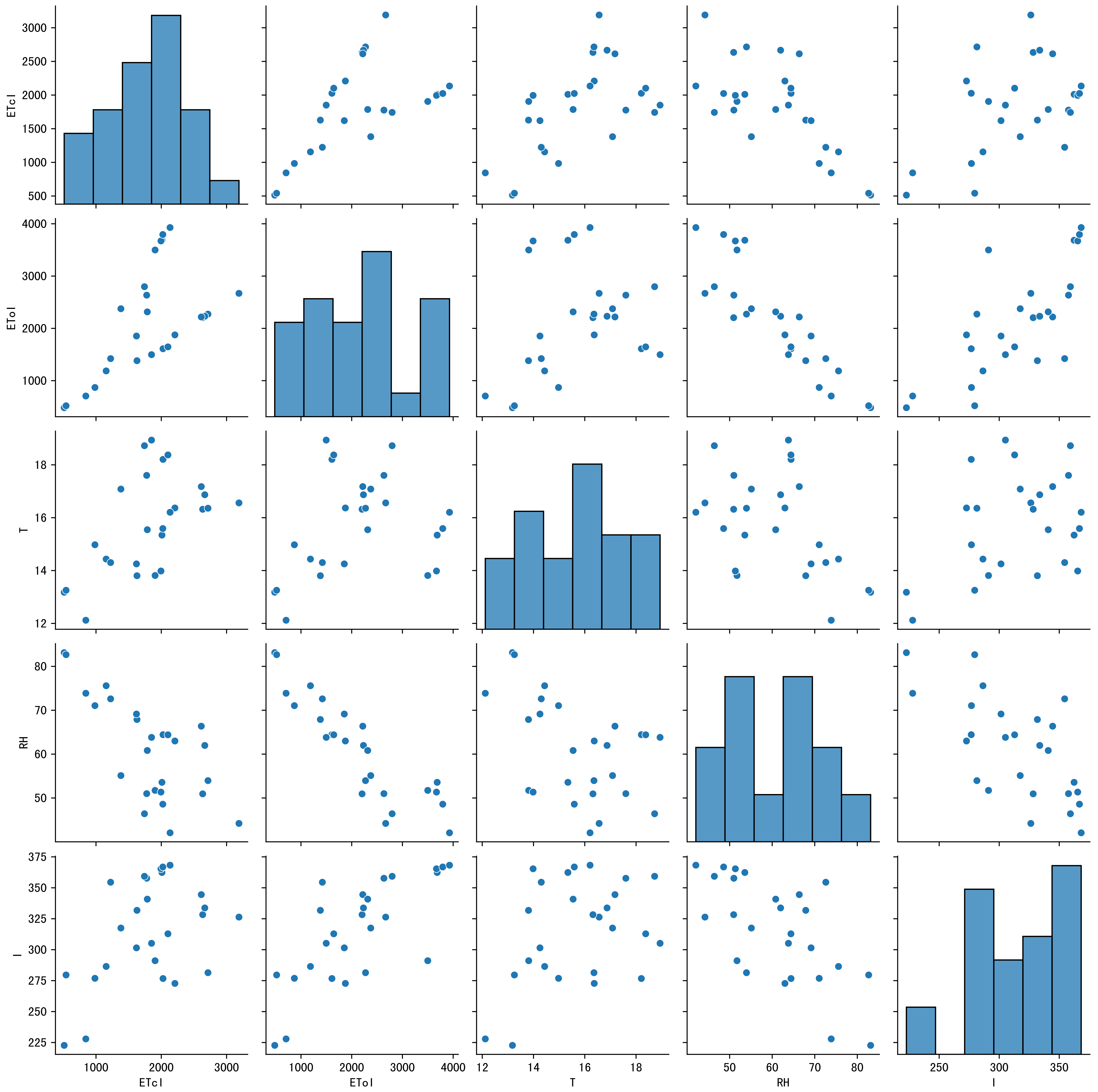

Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
N_kg_mu
P205_kg_mu
K20_kg_mu
d

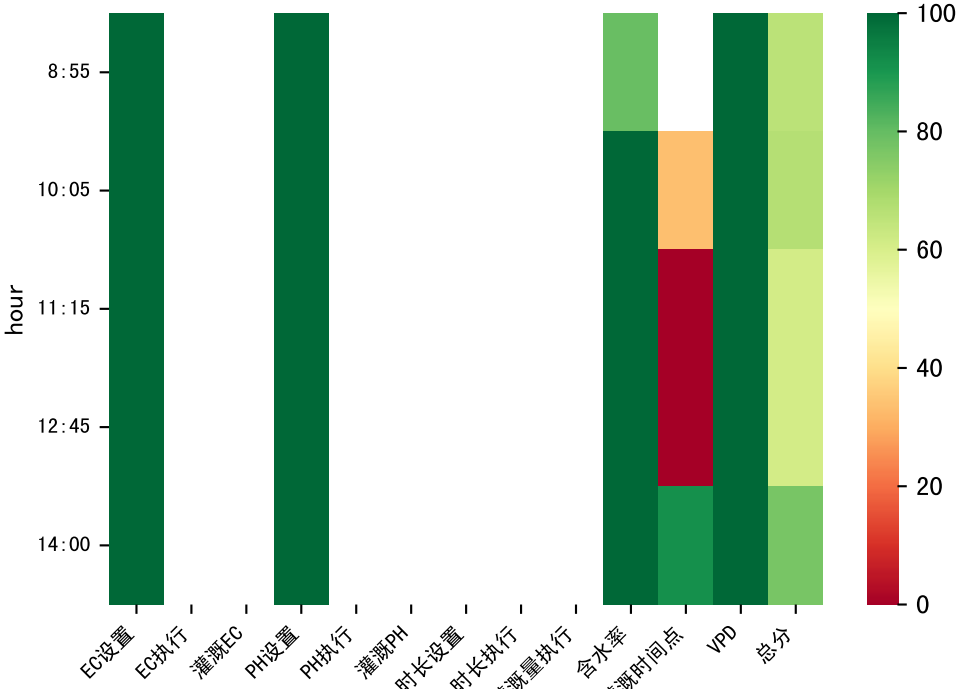

Trend plot forPS1_0
minFVI
minFV0
Warning: col ['minFVIraw', 'minFV0raw'] is missing
ETcA
Warning: col ['ETcA1raw', 'ETcA1', 'ETcA2raw', 'ETcA2'] is missing
Warning: col ['ETcA2raw', 'ETcA2avg', 'ETcA2'] missing
ECopt
Warning: col ['ECC', 'EC1', 'EC0'] is missing
PHopt
Warning: col ['PHC', 'PH1', 'PH0'] is missing
WCperM
Warning: col ['WCperMraw', 'WCperMavg'] is missing
minDeltaM
avgDeltaM
stdDeltaM
begM
maxM
minM
adjFV0R
Warning: col ['adjFV1Raw', 'adjFV1R', 'adjFV0Raw'] 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
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
17.0
18.0
19.0
20.0
母液EC
进液PH
母液PH
回液EC
设置EC
回液PH
EC执行
进液EC
回液PH差
回液EC差
PH执行
设置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

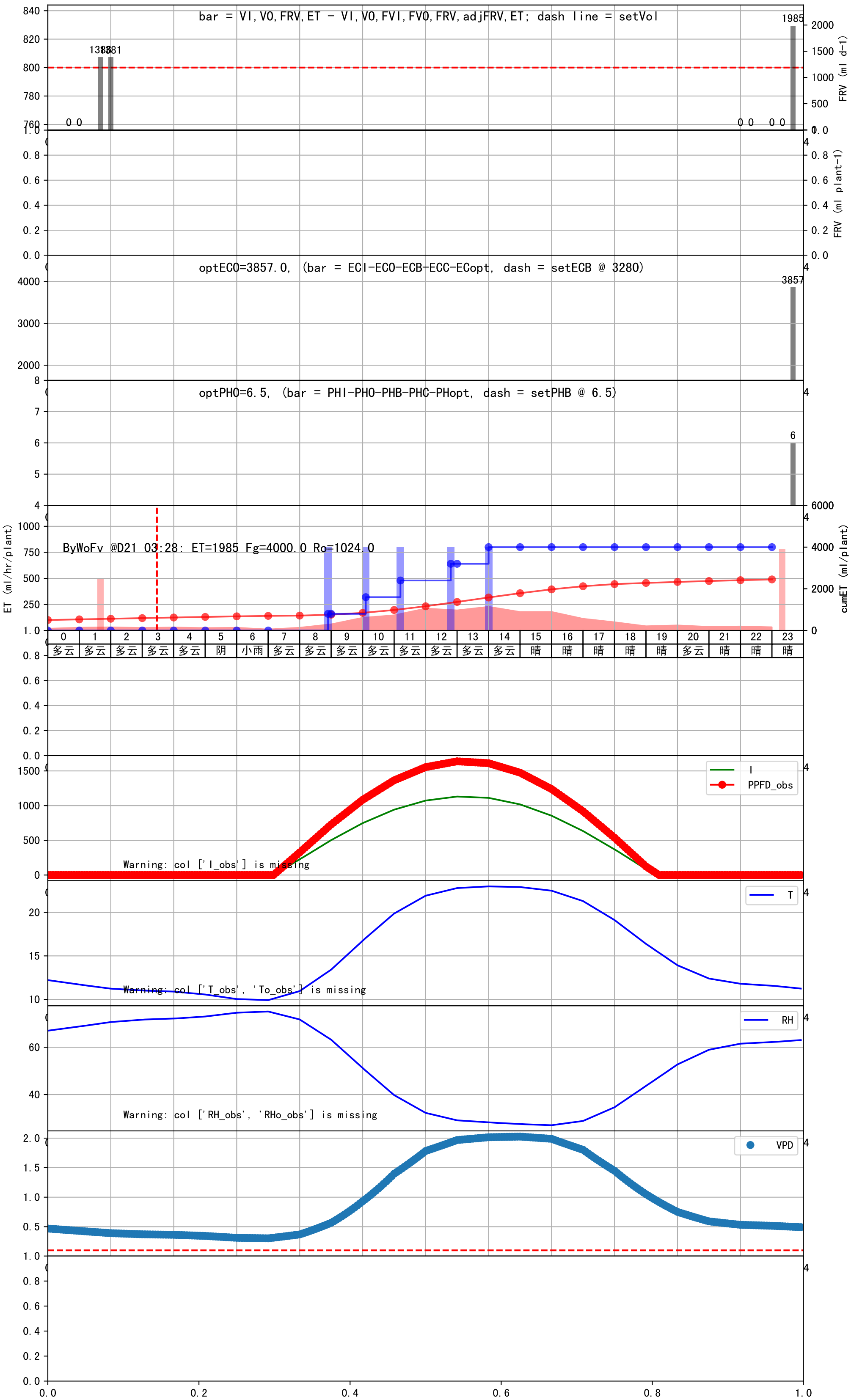

ETcl
ETcldef
ETcP
ETcPT
ETclis
ESo
ETol
ETbai
pR
pVPD
I
PPFD
T
RH
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75

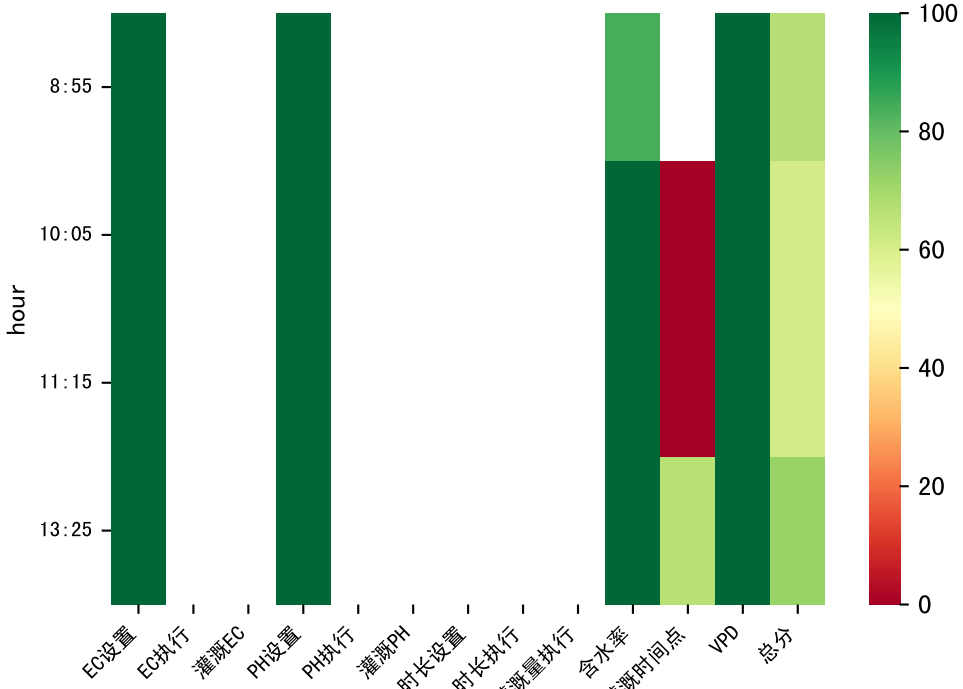

ETcl
ETol
T
RH
I
3000
2500
2000
1500
1000
500
4000
3000
2000
1000
18
16
14
12
80
70
60
50
375
350
325
300
275
250
225
1000
2000
3000
1000
2000
3000
4000
12
14
16
18
50
60
70
80
250
300
350
ETcl
ETol
T
RH
I


hour
8:55
10:05
11:15
12:45
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

时间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
08:55	762	800.0	0.029	多云	假设 手动（未用进回液传感器）（预期回液 无）
10:05	762	800.0	0.029	多云	假设 手动（未用进回液传感器）（预期回液 无）
11:15	762	800.0	0.029	多云	假设 手动（未用进回液传感器）（预期回液 无）
12:45	762	800.0	0.029	多云	假设 手动（未用进回液传感器）（预期回液 384 ml/株）
14:00	762	800.0	0.029	多云	假设 手动（未用进回液传感器）（预期回液 640 ml/株）
总计	3810.0 (5次)	4000.0			建议进液EC：3280， PH：6.5

PS1_0, Day=21 (2026-03-22)

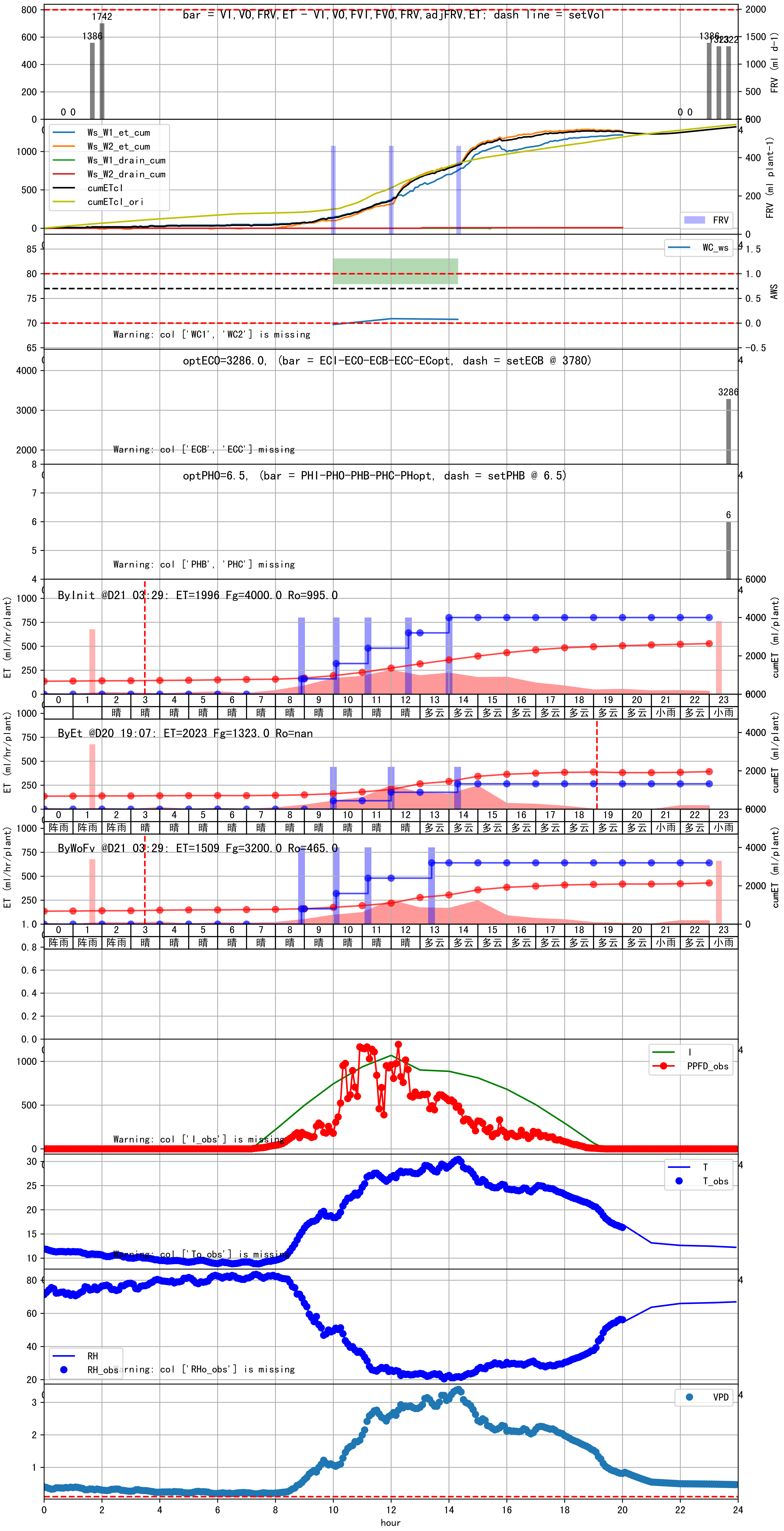


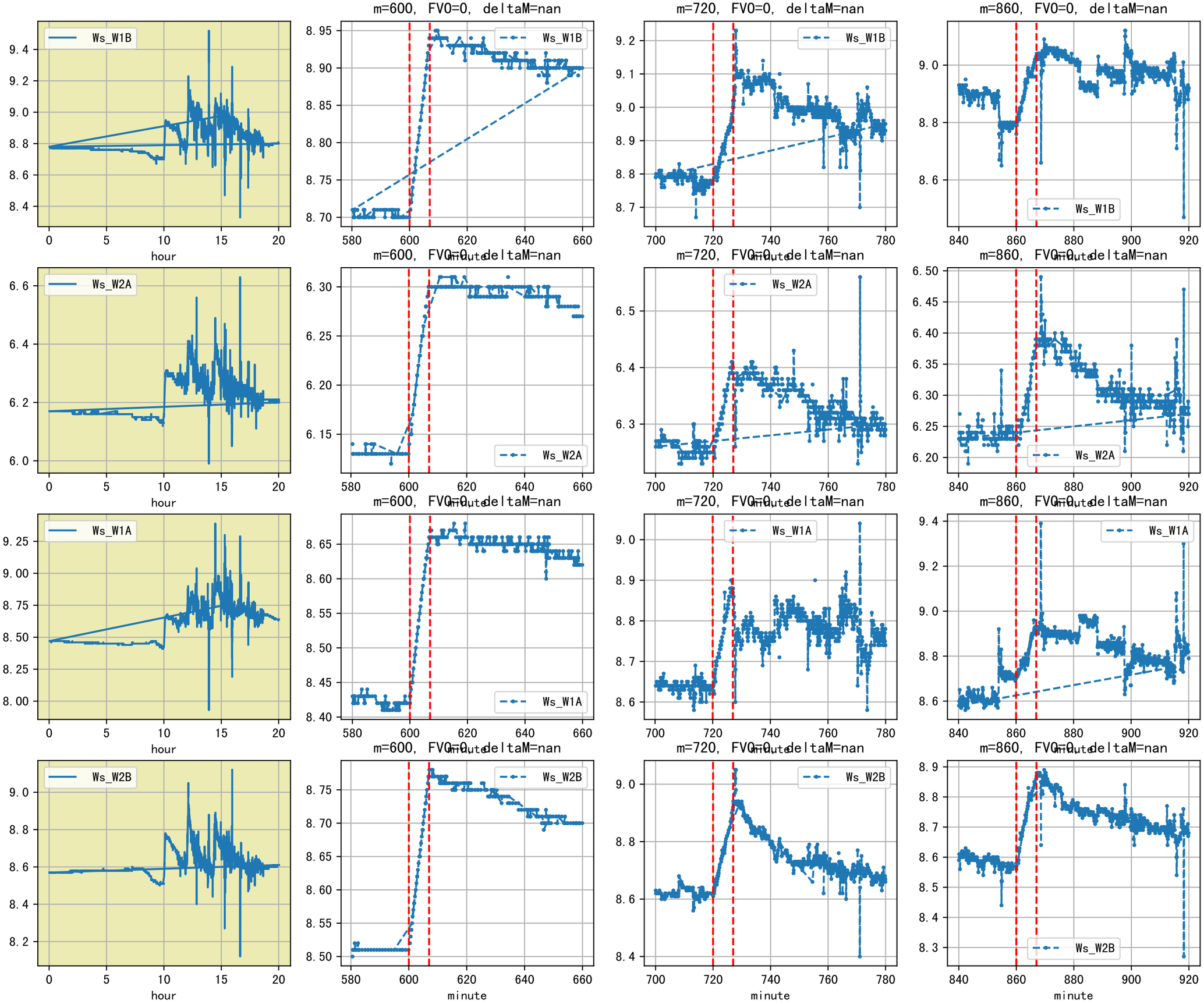

hour
8:55
10:05
11:15
13:25
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

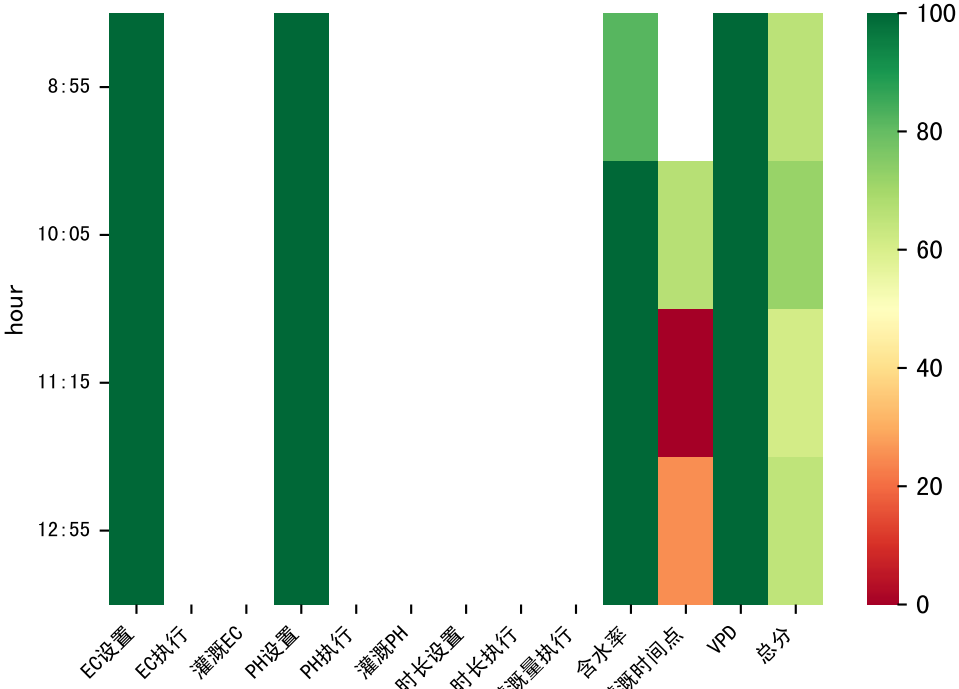
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
55	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
05	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
15	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 70 ml/株）
25	762	800.0	0.029	多云	假设 未知程序（未用进回液传感器）（预期回液 395 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：3780， PH：6.5

滴头平均流速偏大（1.1 vs def 0.5），请检查
上次灌溉时长未按模型建议(420 vs 762.0))
默认实际灌溉441.0 ml.

PS1_0, Day=20.0 (2026-03-21)



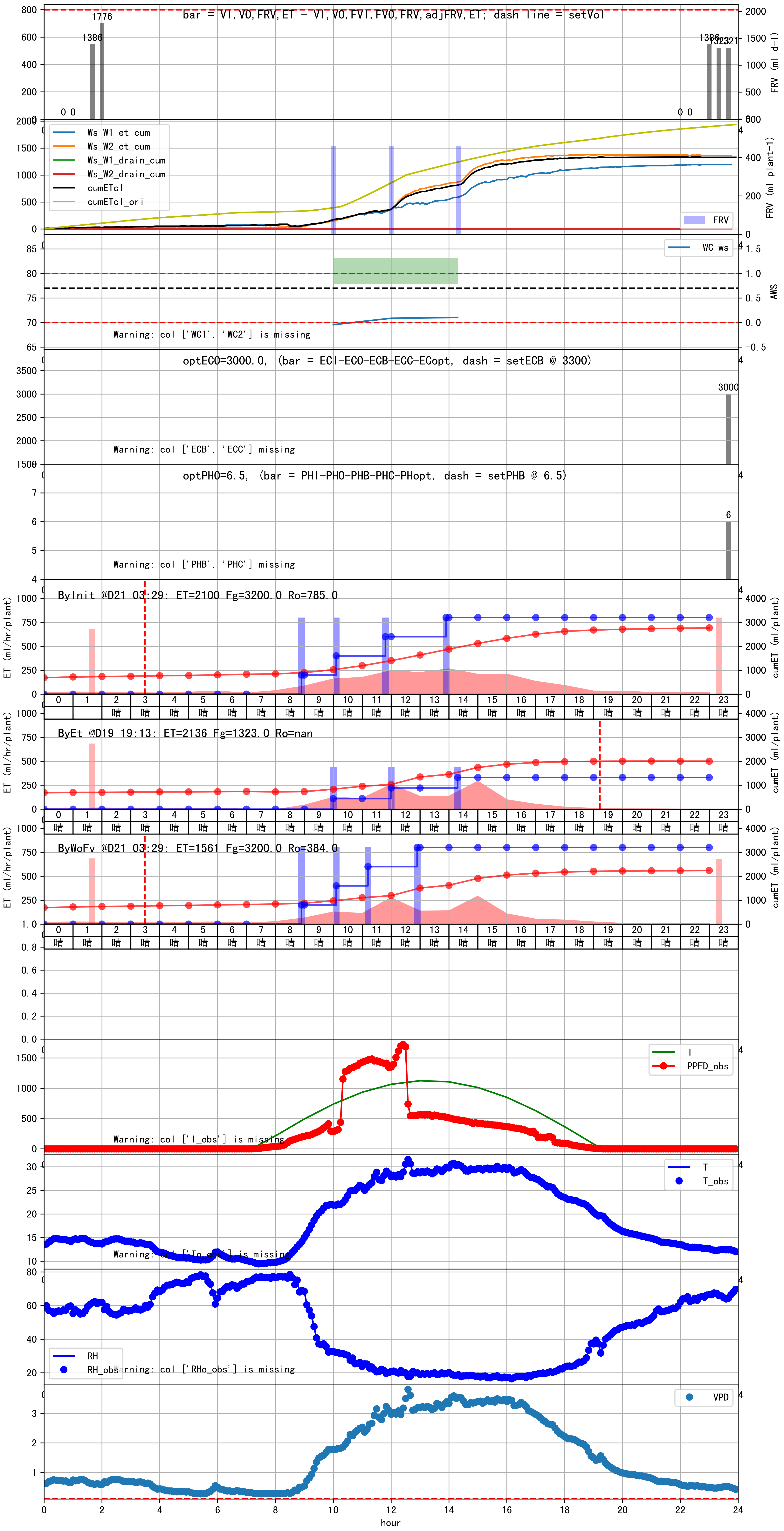

Ws_W1B
m=600, FV0=0, deltaM=nan
m=720, FV0=0, deltaM=nan
m=860, FV0=0, deltaM=nan
Ws_W2A
Ws_W1A
Ws_W2B
hour
minute

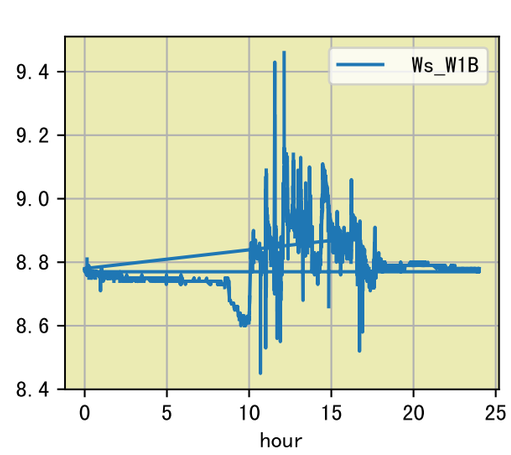

hour
8:55
10:05
11:15
12:55
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

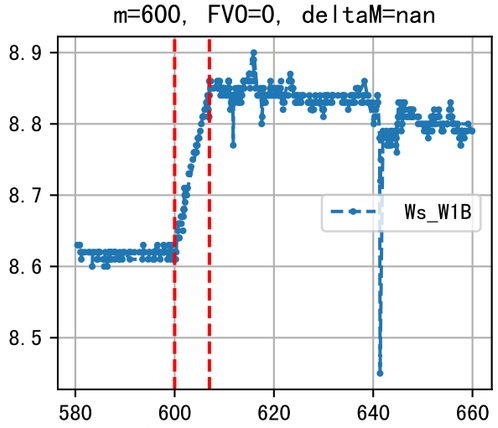
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
55	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
05	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
15	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
55	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 384 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：3300， PH：6.5

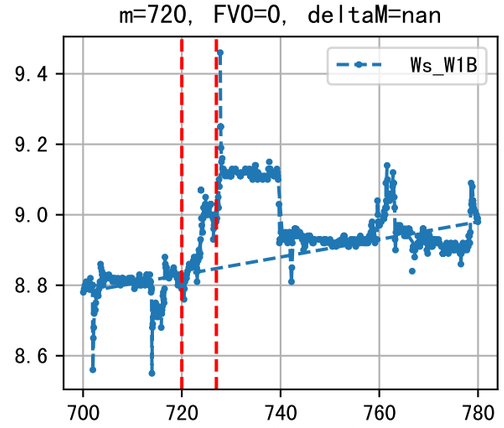
滴头平均流速偏大（1.1 vs def 0.5），请检查
上次灌溉时长未按模型建议(420 vs 762.0))
默认实际灌溉441.0 ml.

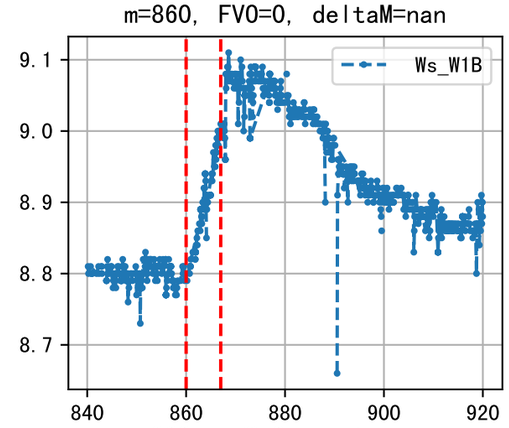
PS1_0, Day=19.0 (2026-03-20)

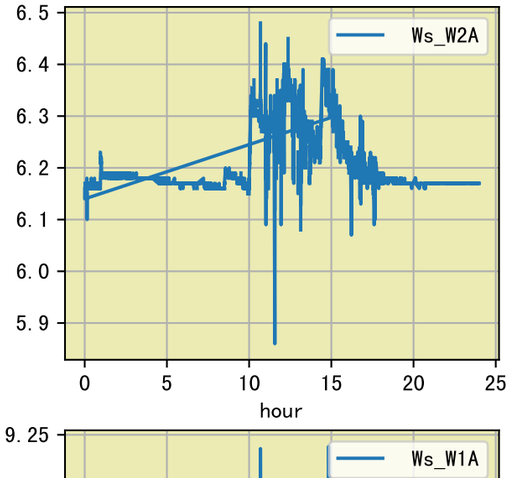


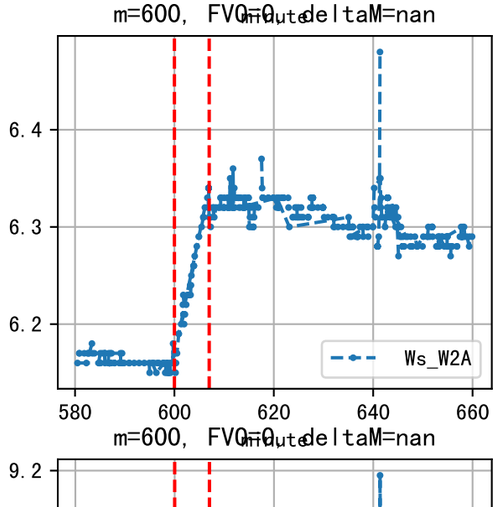

Ws_W1B
hour

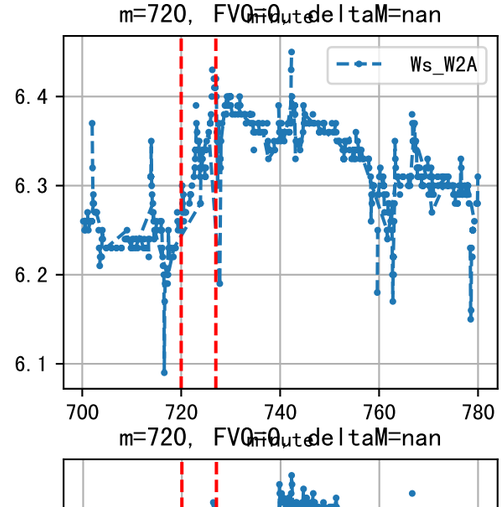

m=600, FV0=0, deltaM=nan
Ws_W1B
minute

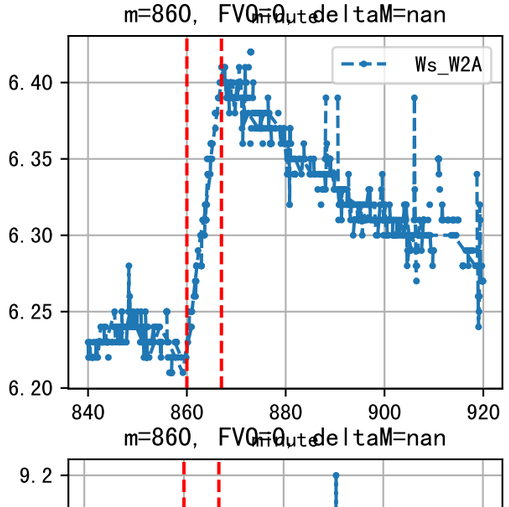

m=720, FV0=0, deltaM=nan
Ws_W1B
minute

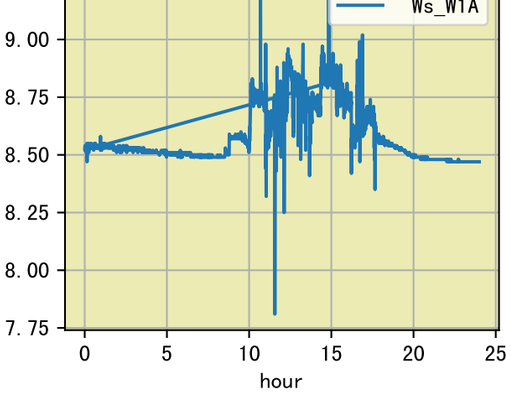

m=860, FV0=0, deltaM=nan
Ws_W1B
minute

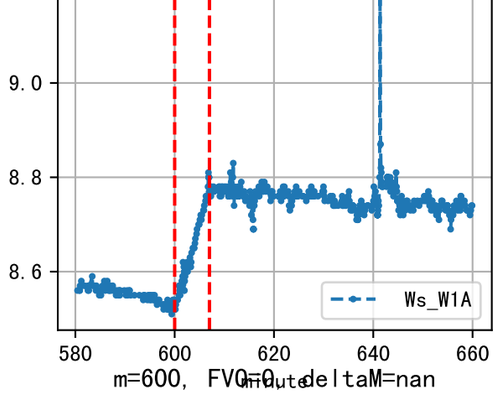

Ws_W2A
hour

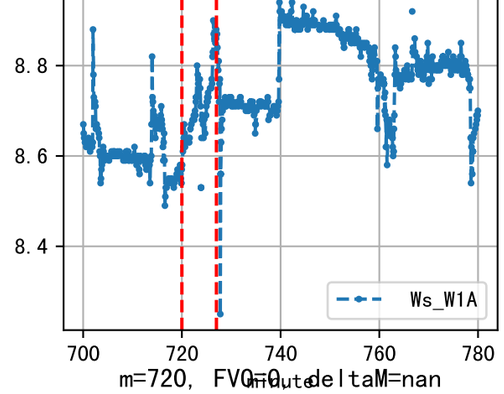

m=600, FV0=0, deltaM=nan
Ws_W2A
minute

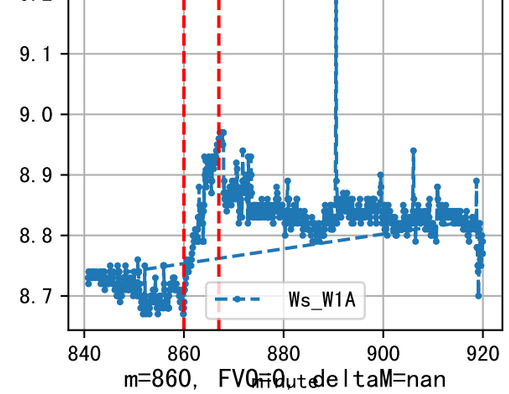

m=720, FV0=0, deltaM=nan
Ws_W2A
minute

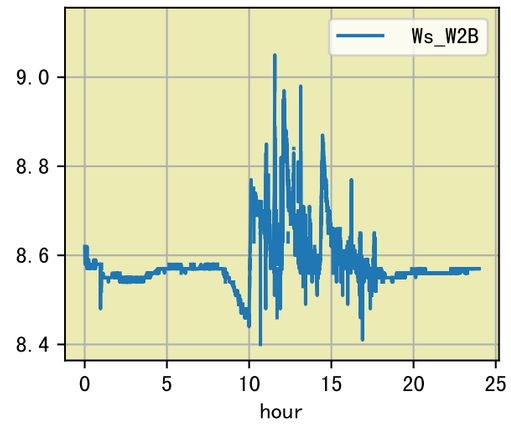

m=860, FV0=0, deltaM=nan
Ws_W2A
minute

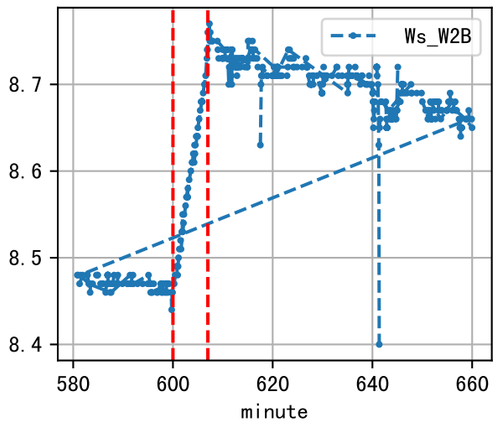

Ws_W1A
hour

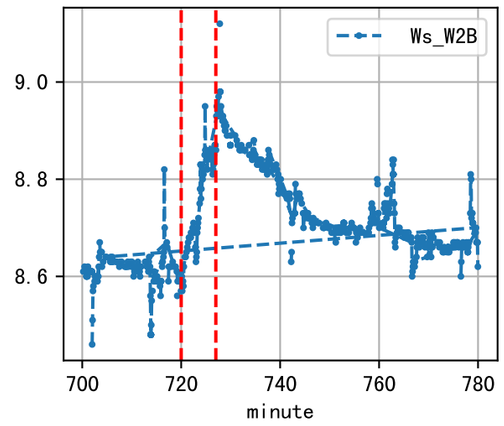

m=600, FV0=0, deltaM=nan
Ws_W1A
minute

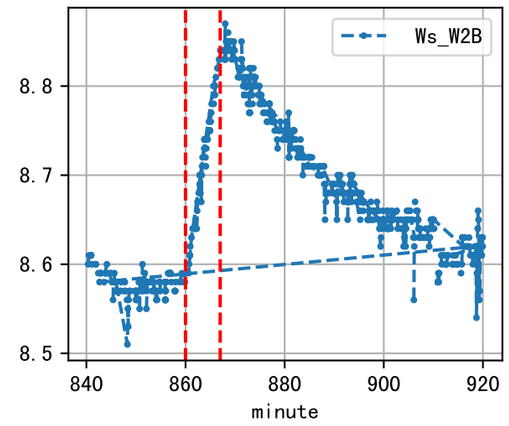

m=720, FV0=0, deltaM=nan
Ws_W1A
minute

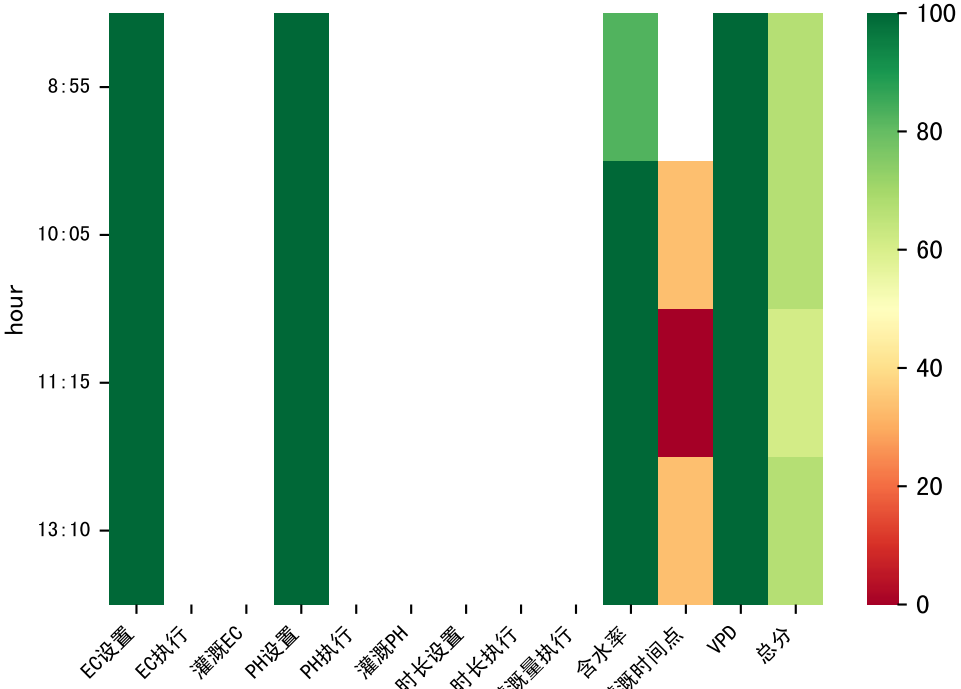

m=860, FV0=0, deltaM=nan
Ws_W1A
minute


Ws_W2B
hour


Ws_W2B
minute


Ws_W2B
minute

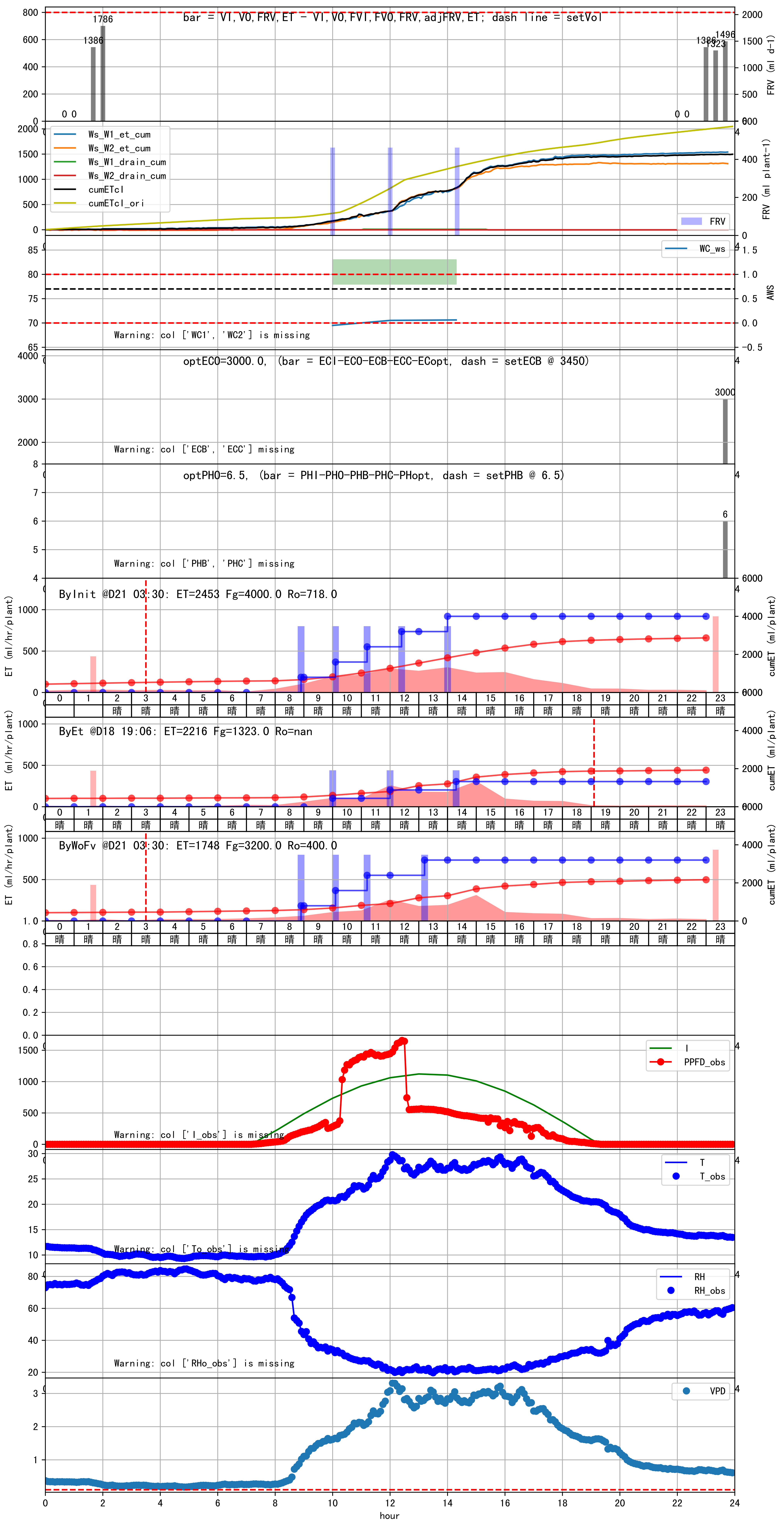

Ws_W2B
minute

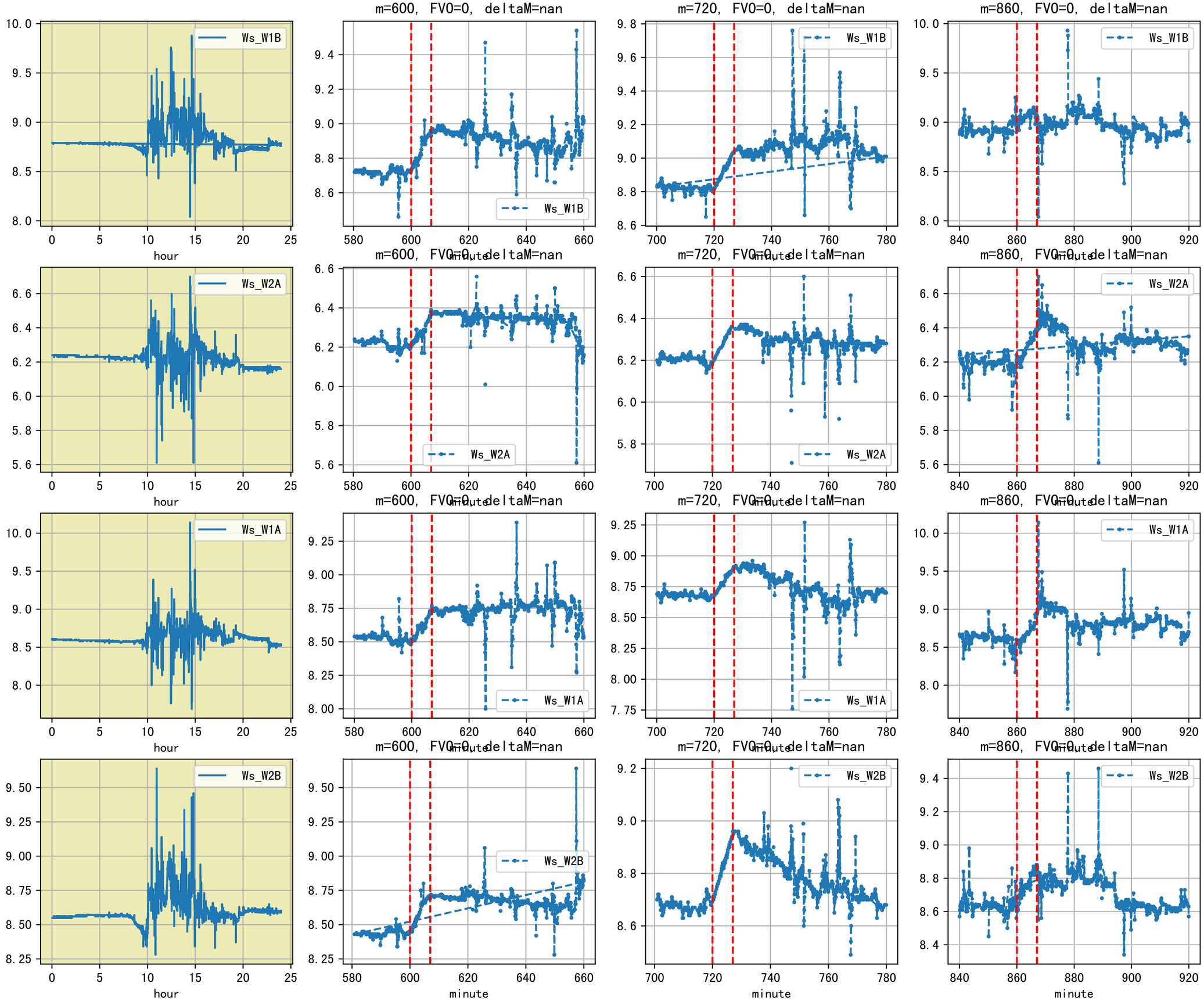

hour
8:55
10:05
11:15
13:10
EC设置
EC执行
灌溉EC
PH设置
PH执行
灌溉PH
时长设置
时长执行
灌溉量执行
含水率
灌溉时间点
VPD
总分
100
80
60
40
20
0

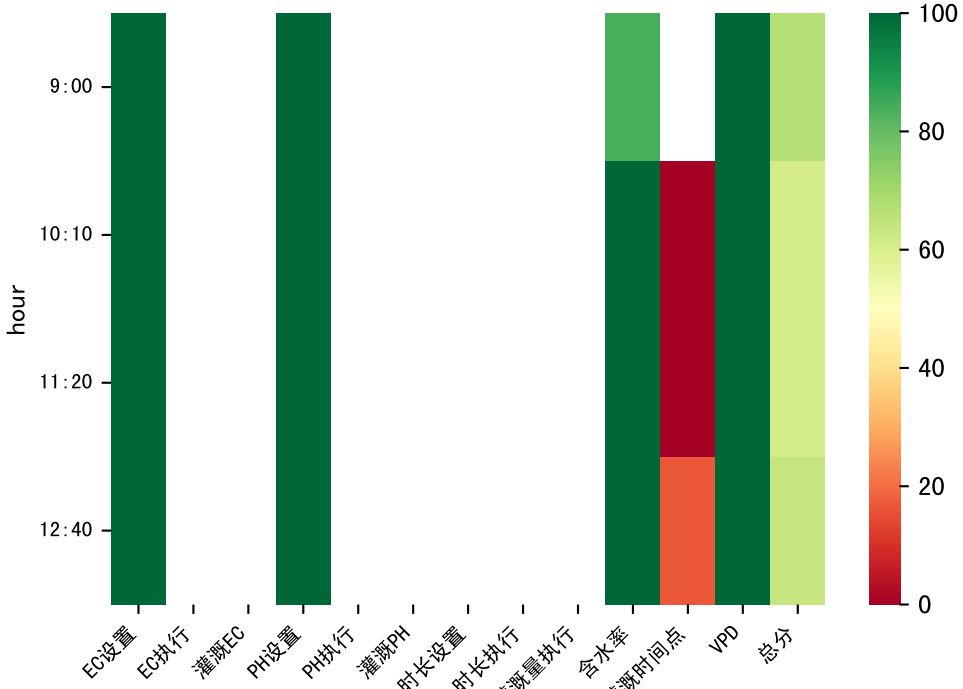
间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
55	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
05	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 无）
15	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 1 ml/株）
10	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 399 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：3450， PH：6.5

滴头平均流速偏大（1.1 vs def 0.5），请检查
上次灌溉时长未按模型建议(420 vs 762.0))
默认实际灌溉441.0 ml.

PS1_0, Day=18.0 (2026-03-19)



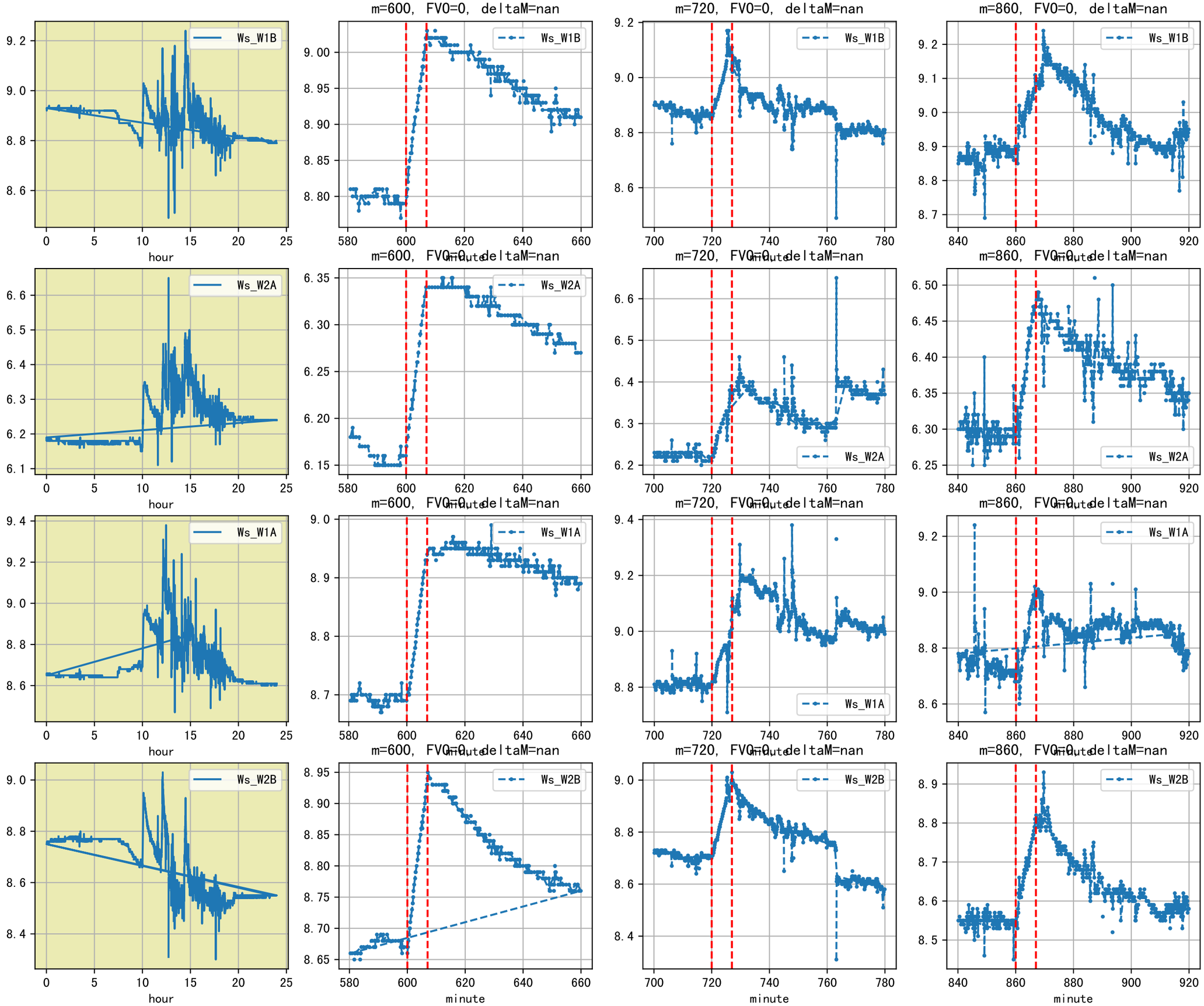

Ws_W1B
Ws_W2A
Ws_W1A
Ws_W2B
hour
minute
m=600, FV0=0, deltaM=nan
m=720, FV0=0, deltaM=nan
m=860, FV0=0, deltaM=nan


hour
9:00
10:10
11:20
12:40
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

间	灌溉时长(秒)	灌溉量(毫升/株)	灌溉总量(方/次)	天气	注释
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 无）
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 无）
40	762	800.0	0.029	晴	假设 未知程序（未用进回液传感器）（预期回液 387 ml/株）
计	3048.0 (4次)	3200.0			建议进液EC：3450， PH：6.5

滴头平均流速偏大（1.1 vs def 0.5），请检查
上次灌溉时长未按模型建议(420 vs 762.0))
默认实际灌溉441.0 ml.

PS1_0, Day=17.0 (2026-03-18)


Ws_W1B
m=600, FV0=0, deltaM=nan
m=720, FV0=0, deltaM=nan
m=860, FV0=0, deltaM=nan
Ws_W2A
Ws_W1A
Ws_W2B
hour
minute