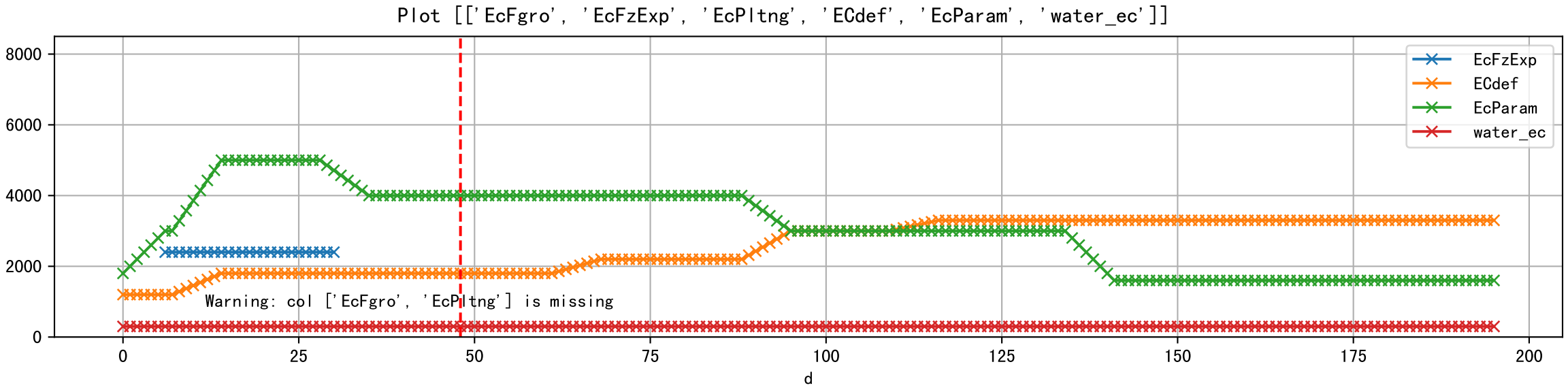
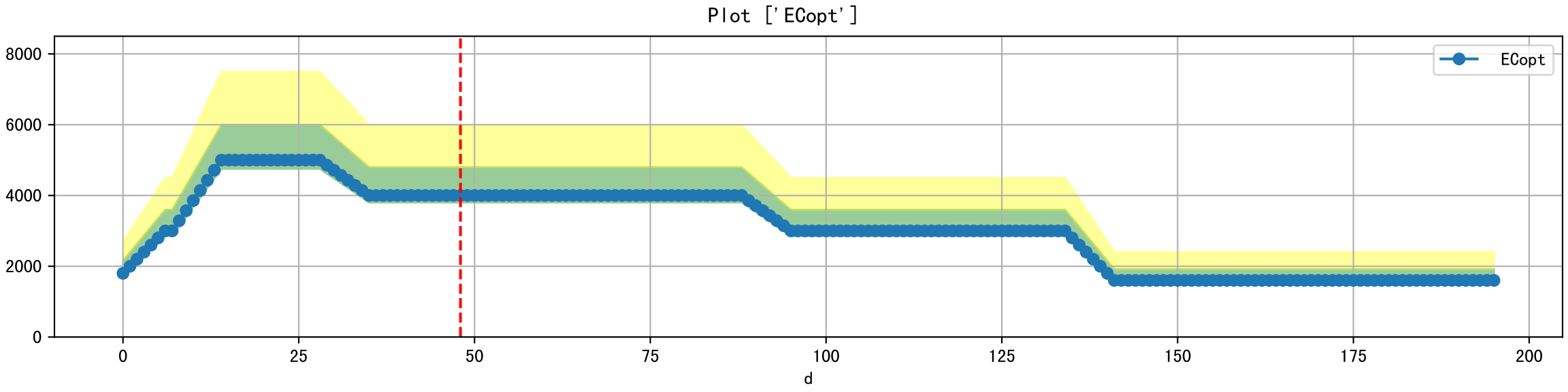
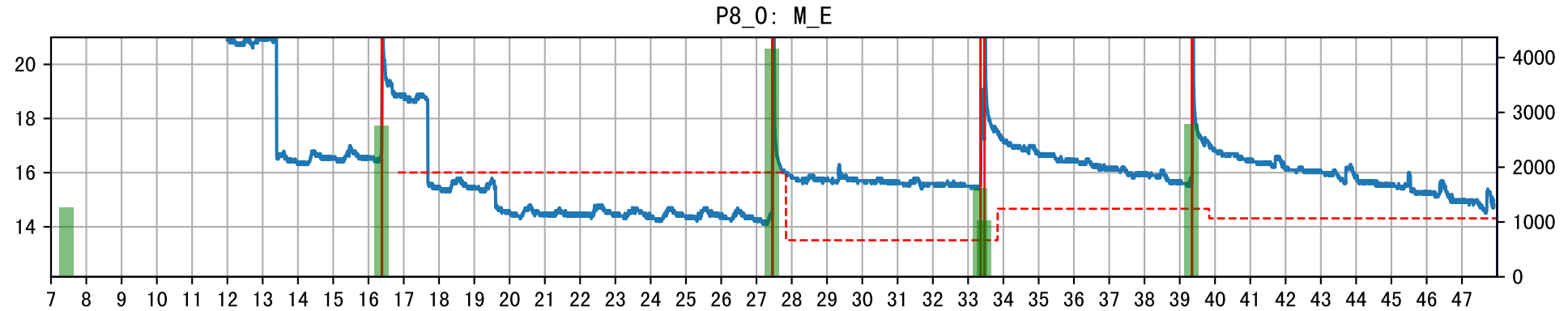
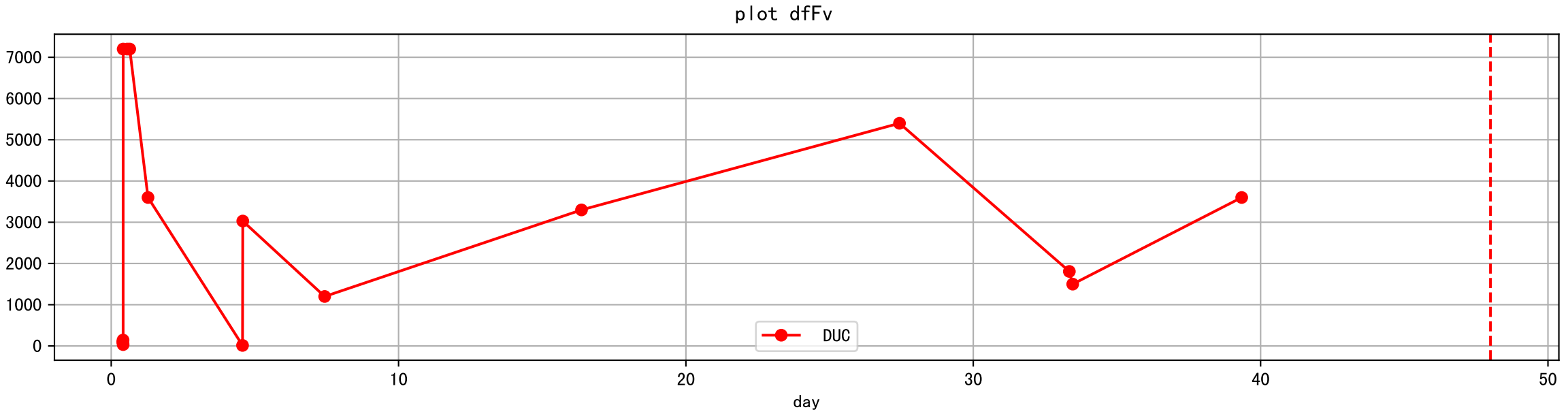
FgArea: ['0']
NC11 P8
2025-12-04 (Day 48)

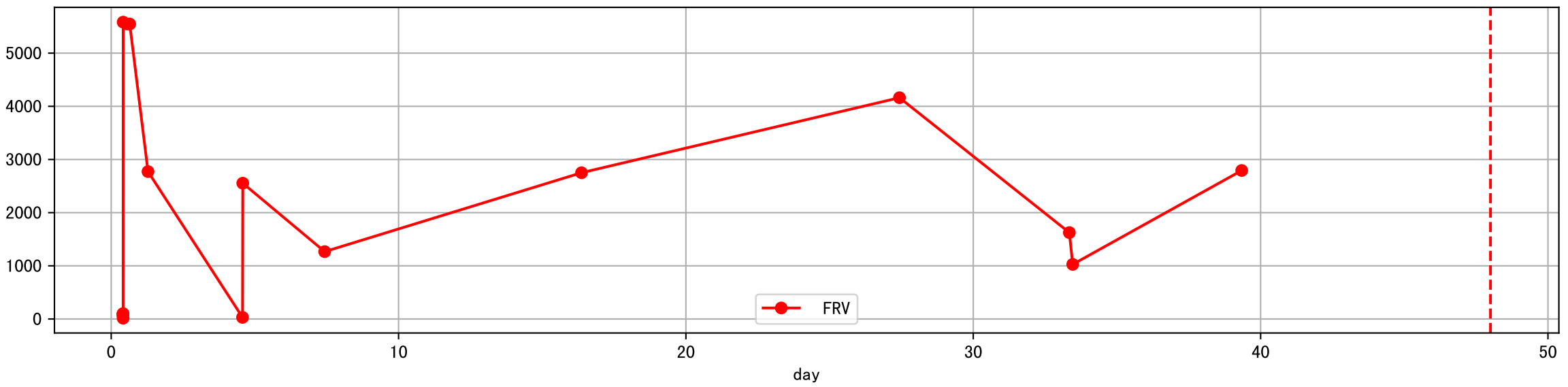

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
8000
6000
4000
2000
0
0
25
50
75
100
125
150
175
200
d

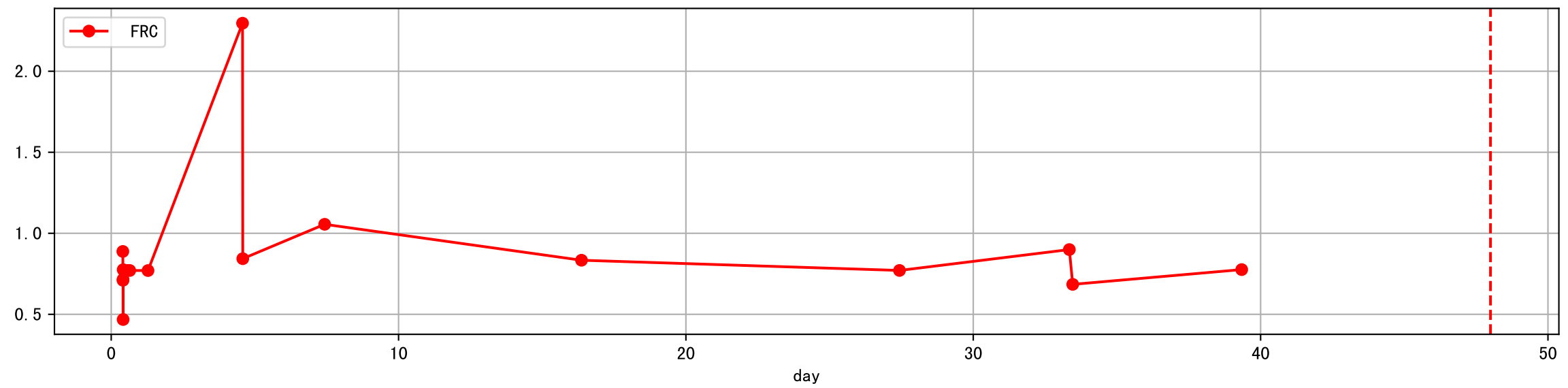

Plot ['ECopt']
ECopt
8000
6000
4000
2000
0
0
25
50
75
100
125
150
175
200
d

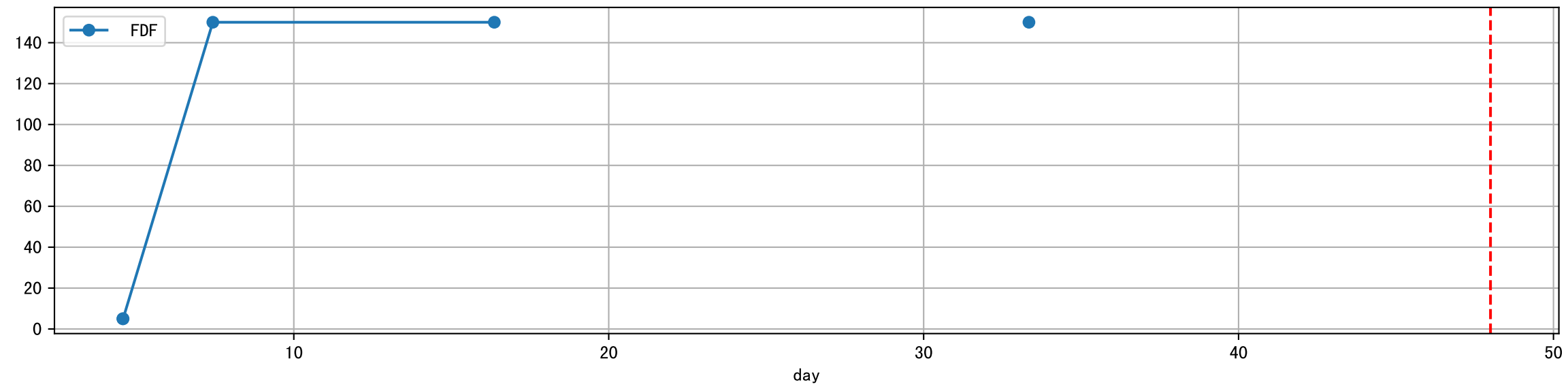

P8_0: M_E
20
18
16
14
4000
3000
2000
1000
0
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

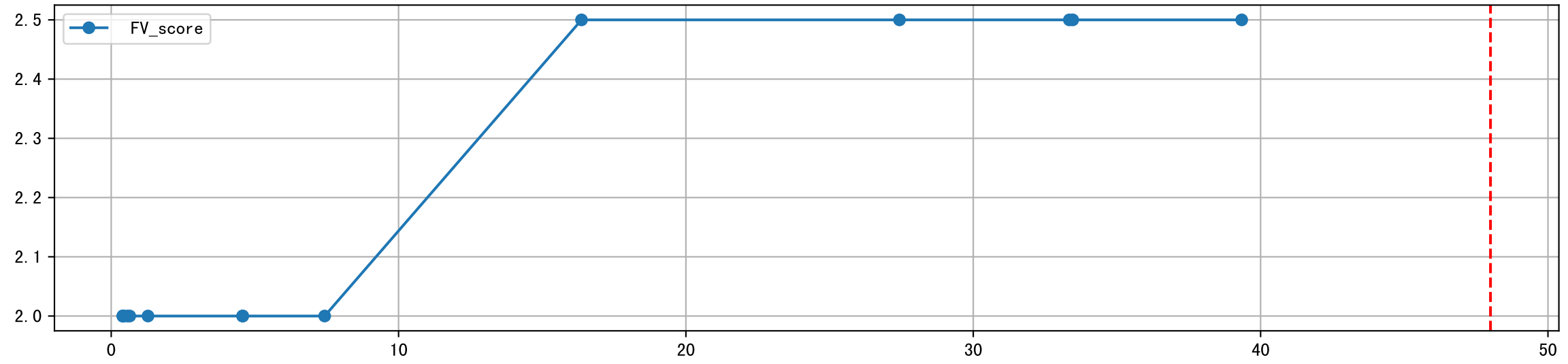
plot dfFv



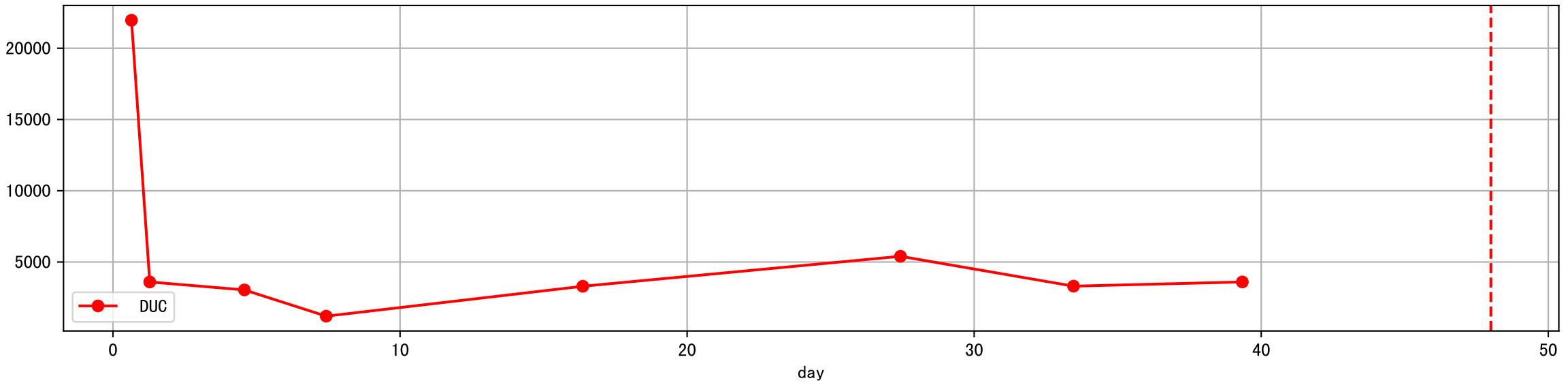


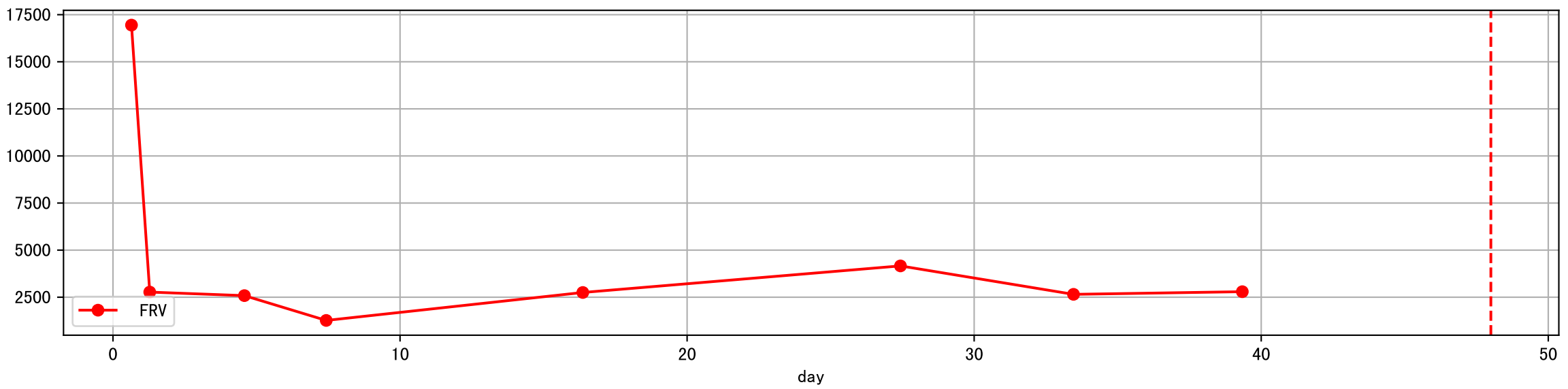


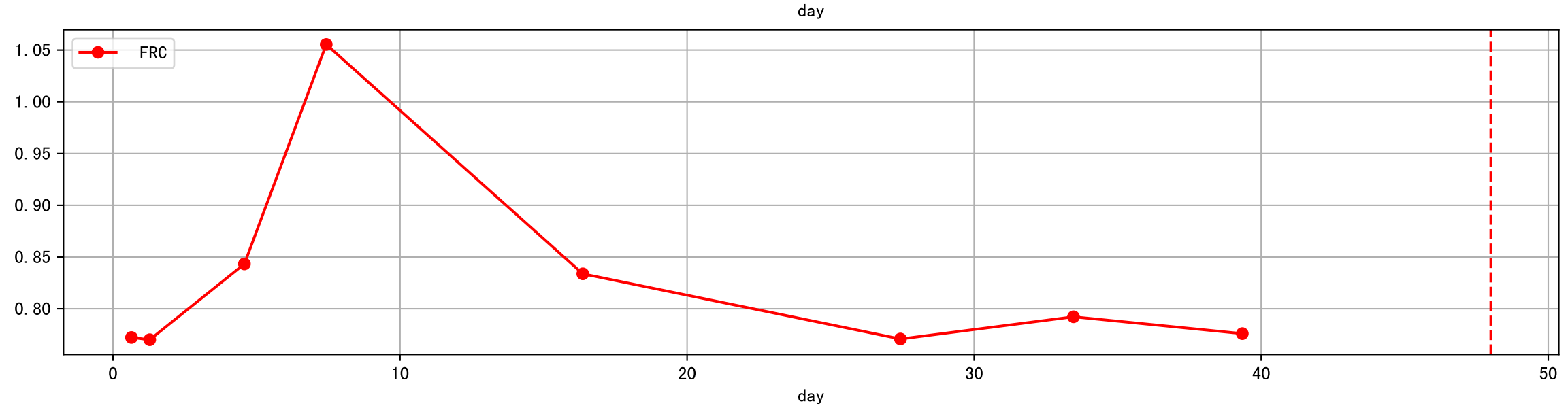


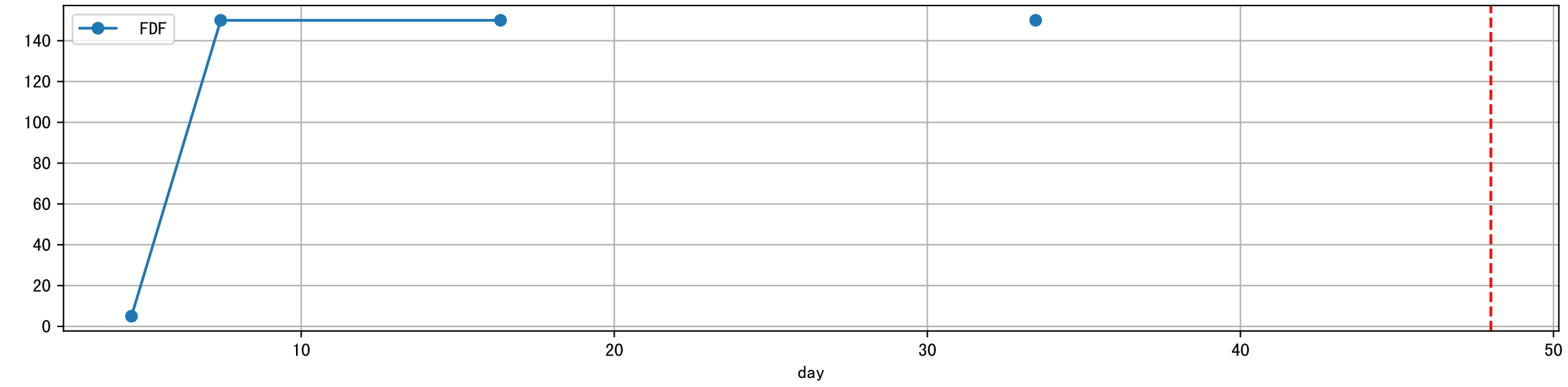


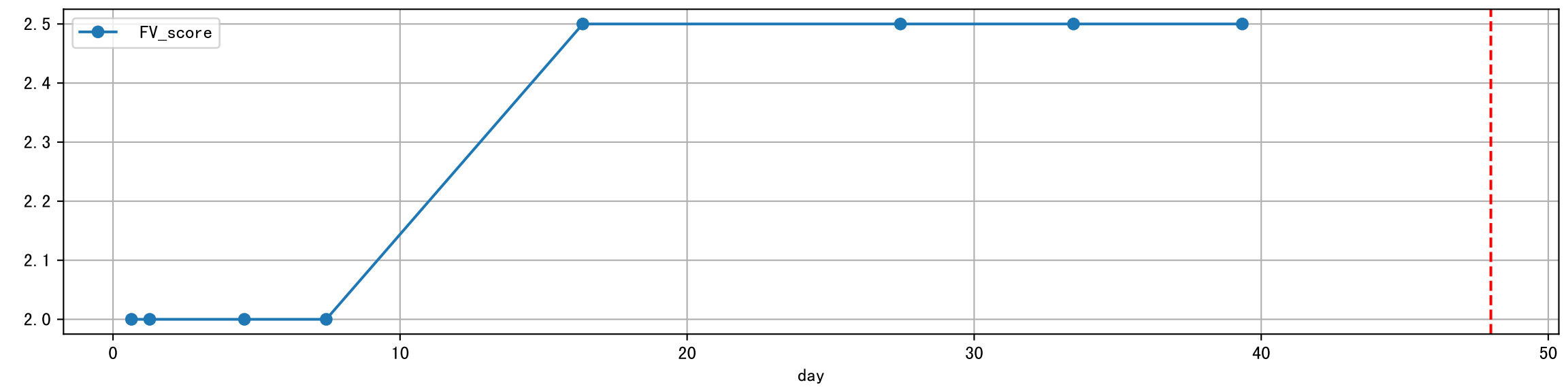
plot dfFv (daily Agg)

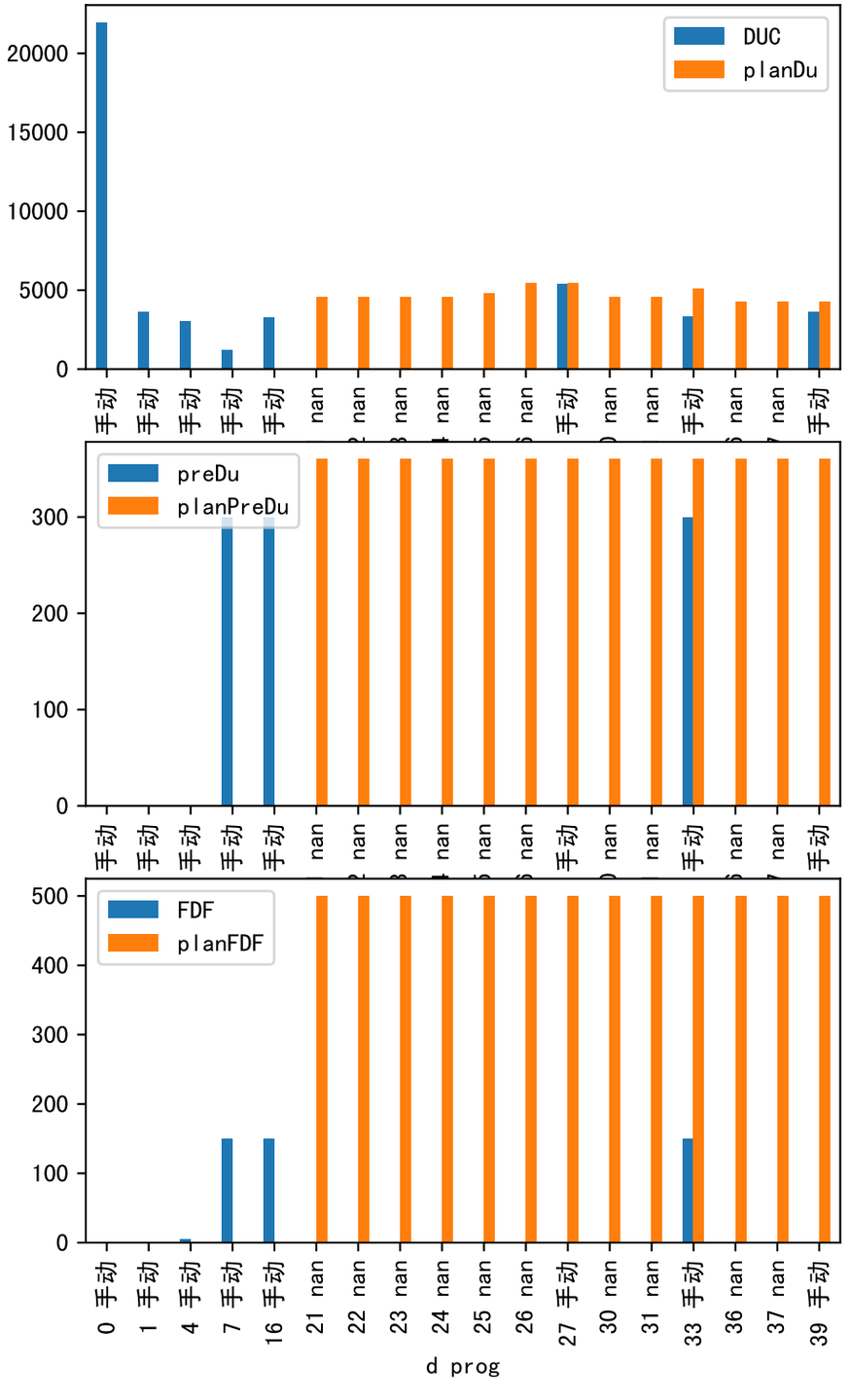


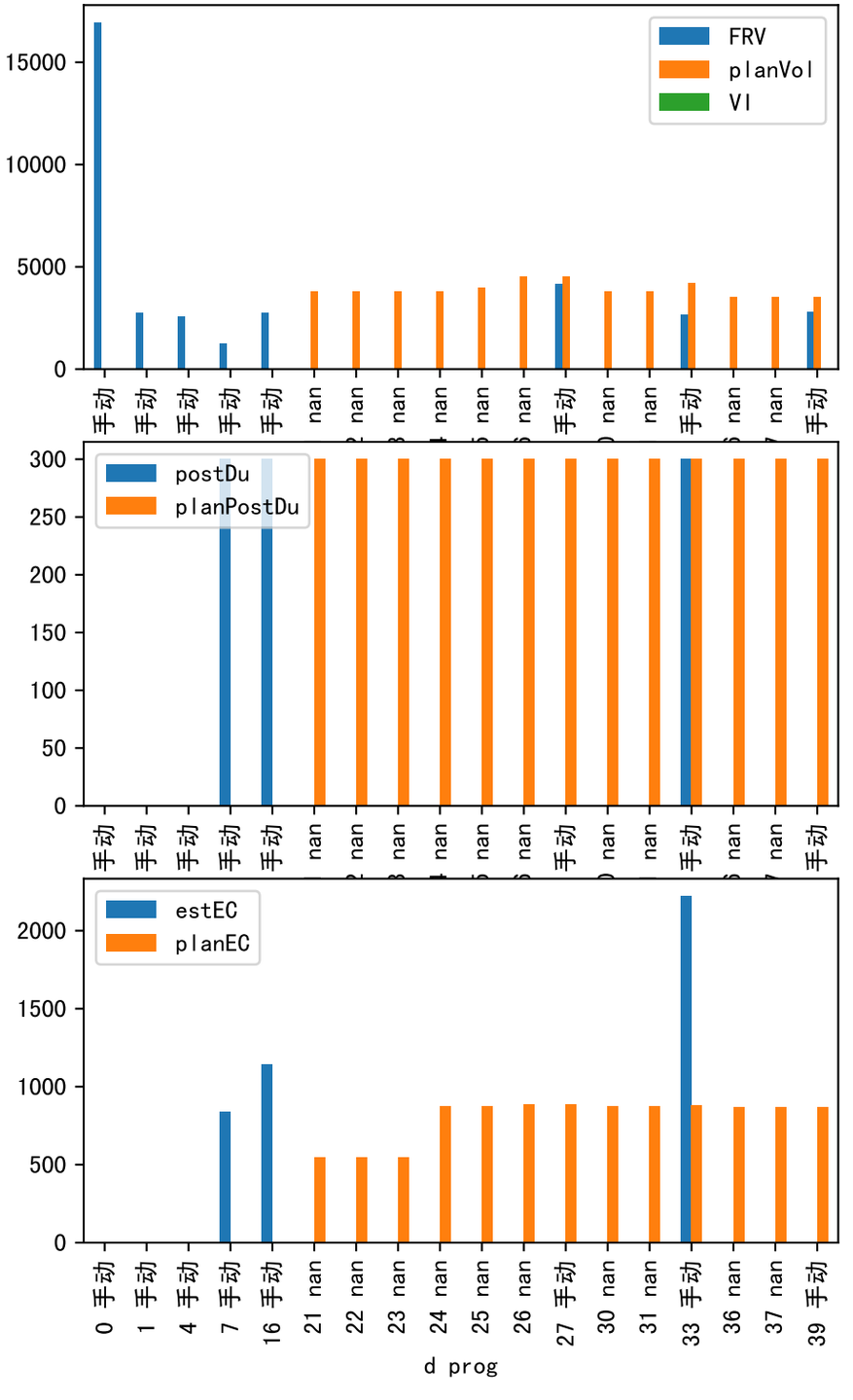


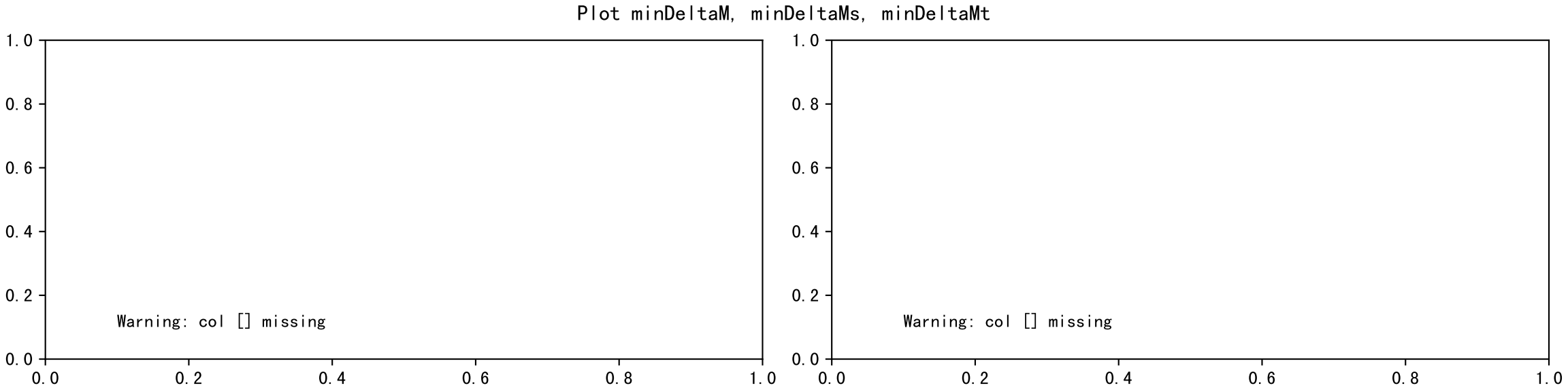


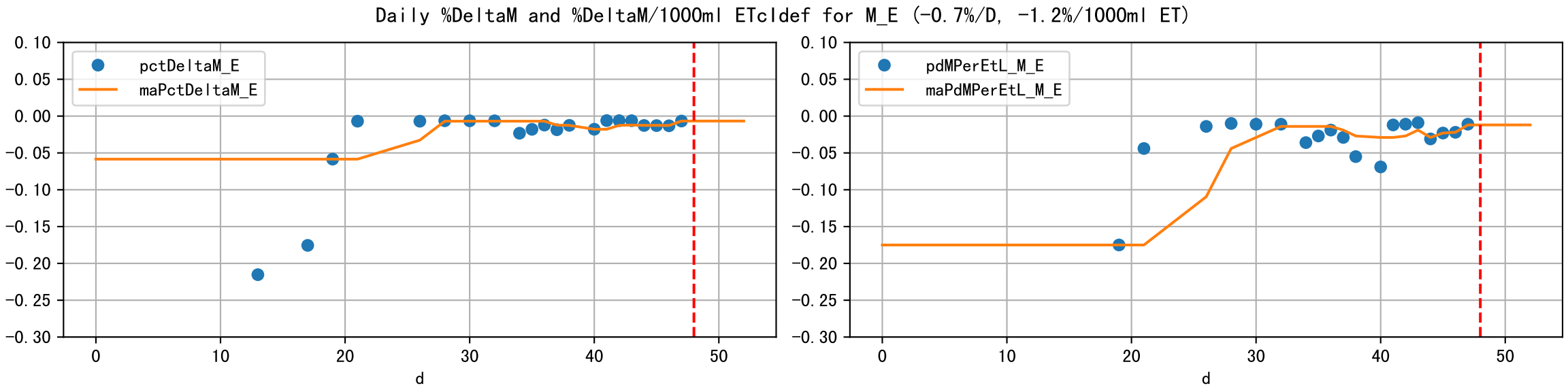


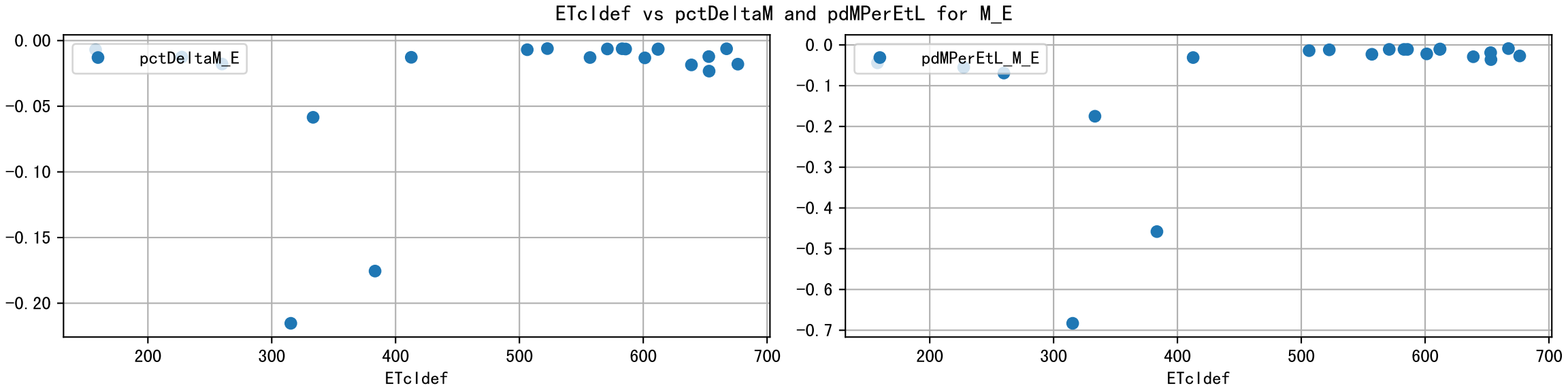


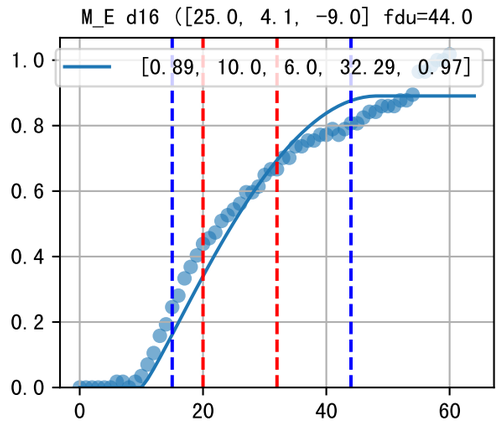

DUC
planDu
preDu
planPreDu
FDF
planFDF
d prog

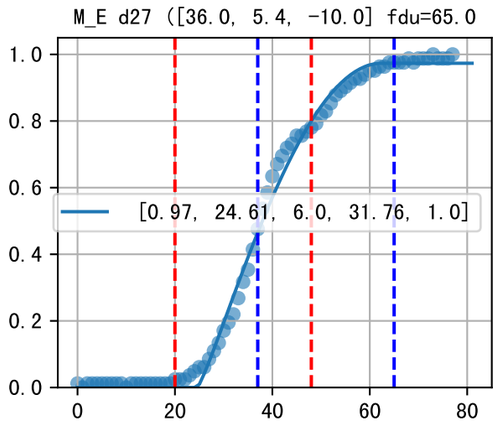

FRV
planVol
VI
postDu
planPostDu
estEC
planEC
d prog

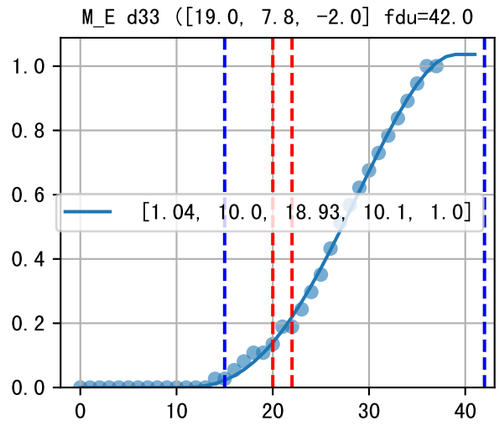

Plot minDeltaM, minDeltaMs, minDeltaMt
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0

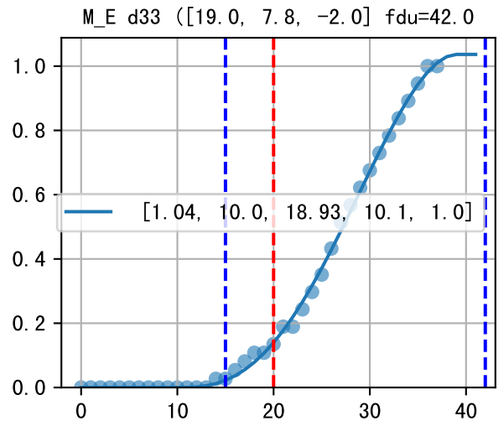

Daily %DeltaM and %DeltaM/1000ml ETcIdef for M_E (-0.7%/D, -1.2%/1000ml ET)
pctDeltaM_E
maPctDeltaM_E
pdMPerEtL_M_E
maPdMPerEtL_M_E
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
0
10
20
30
40
50
d

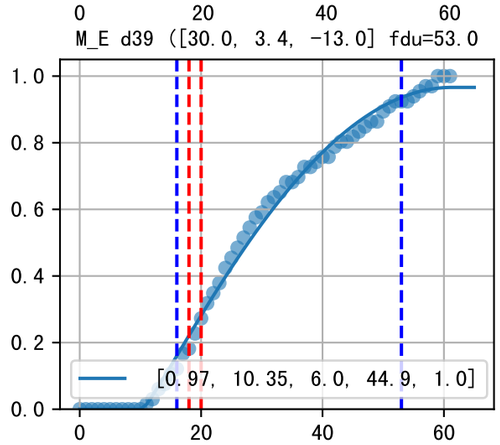

ETcIdef vs pctDeltaM and pdMPerEtL for M_E
pctDeltaM_E
pdMPerEtL_M_E
ETcIdef
ETcIdef
0.00
−0.05
−0.10
−0.15
−0.20
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
200
300
400
500
600
700

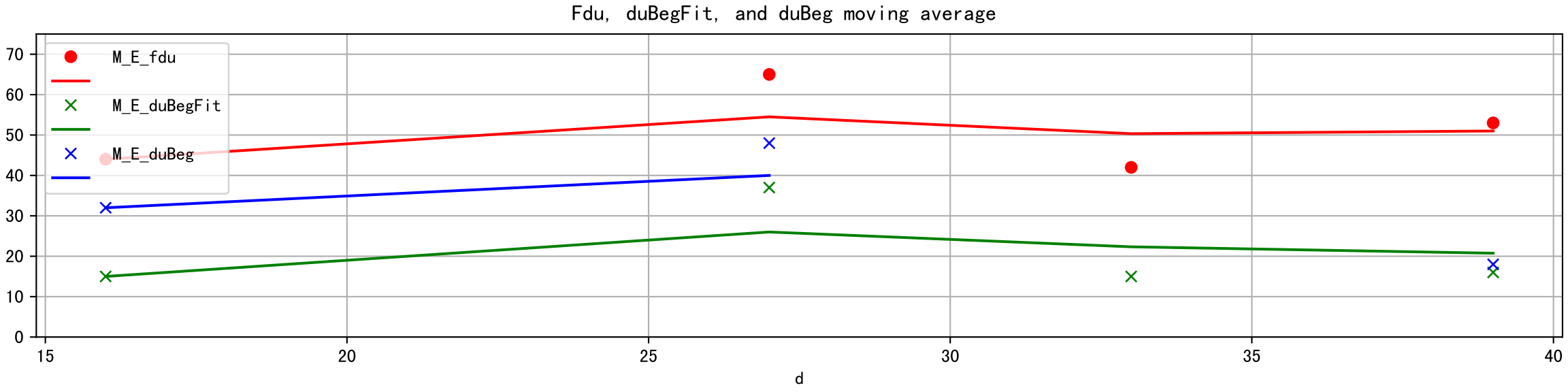

M_E d16 ([25.0, 4.1, -9.0] fdu=44.0
[0.89, 10.0, 6.0, 32.29, 0.97]

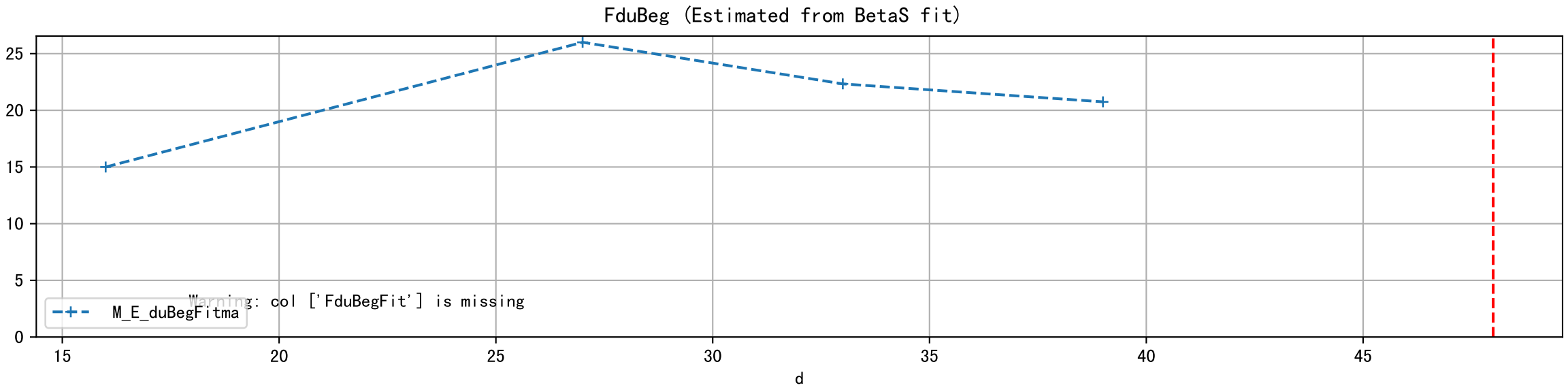

M_E d27 ([36.0, 5.4, -10.0] fdu=65.0
[0.97, 24.61, 6.0, 31.76, 1.0]

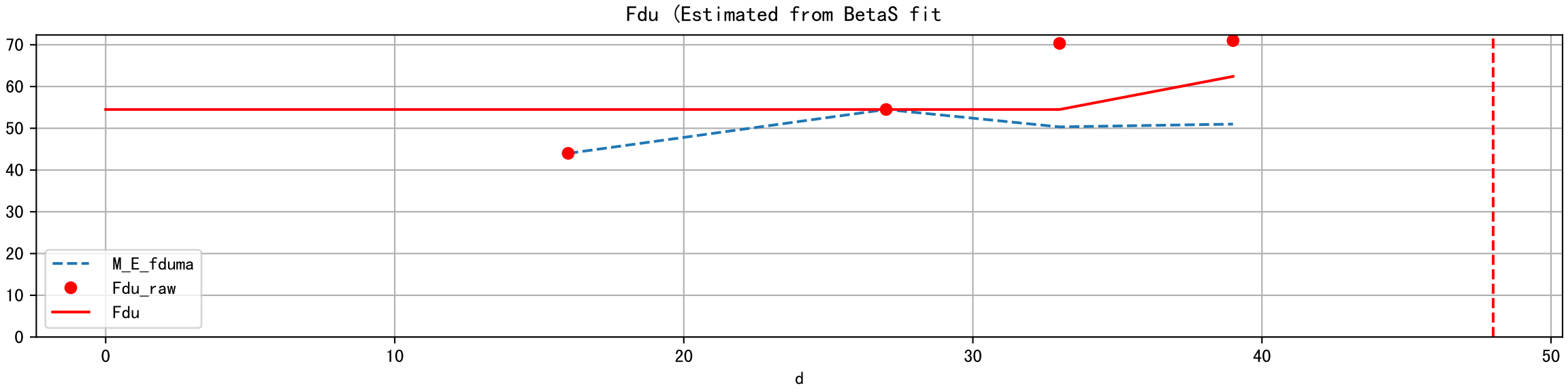

M_E d33 ([19.0, 7.8, -2.0] fdu=42.0
[1.04, 10.0, 18.93, 10.1, 1.0]

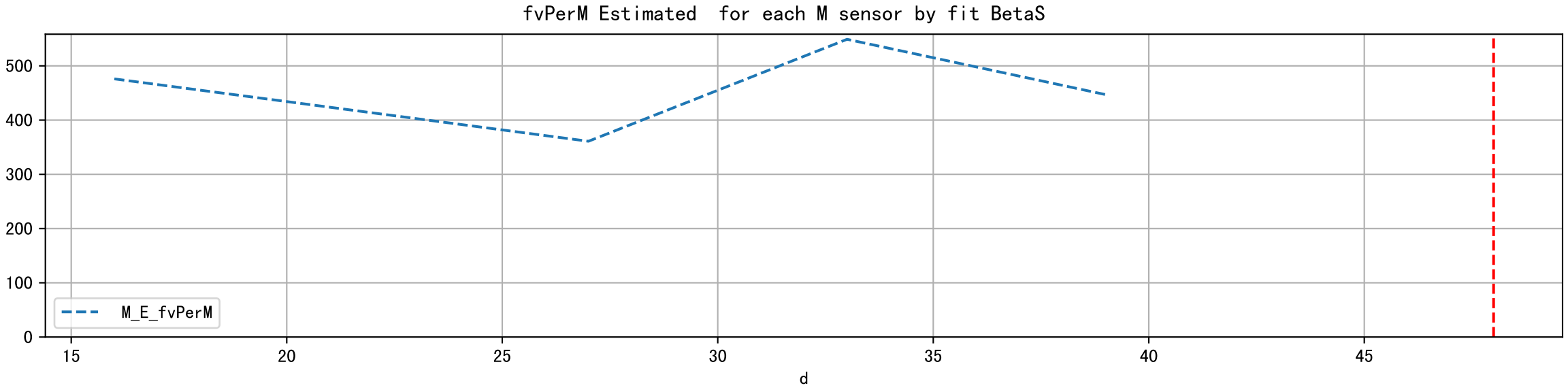

M_E d33 ([19.0, 7.8, -2.0] fdu=42.0
[1.04, 10.0, 18.93, 10.1, 1.0]

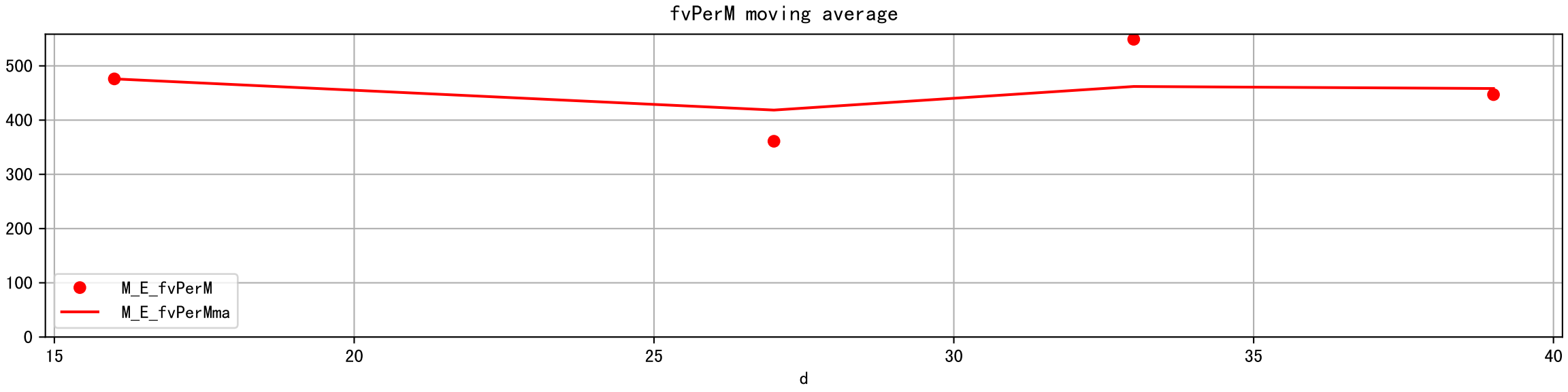

M_E d39 ([30.0, 3.4, -13.0] fdu=53.0
[0.97, 10.35, 6.0, 44.9, 1.0]

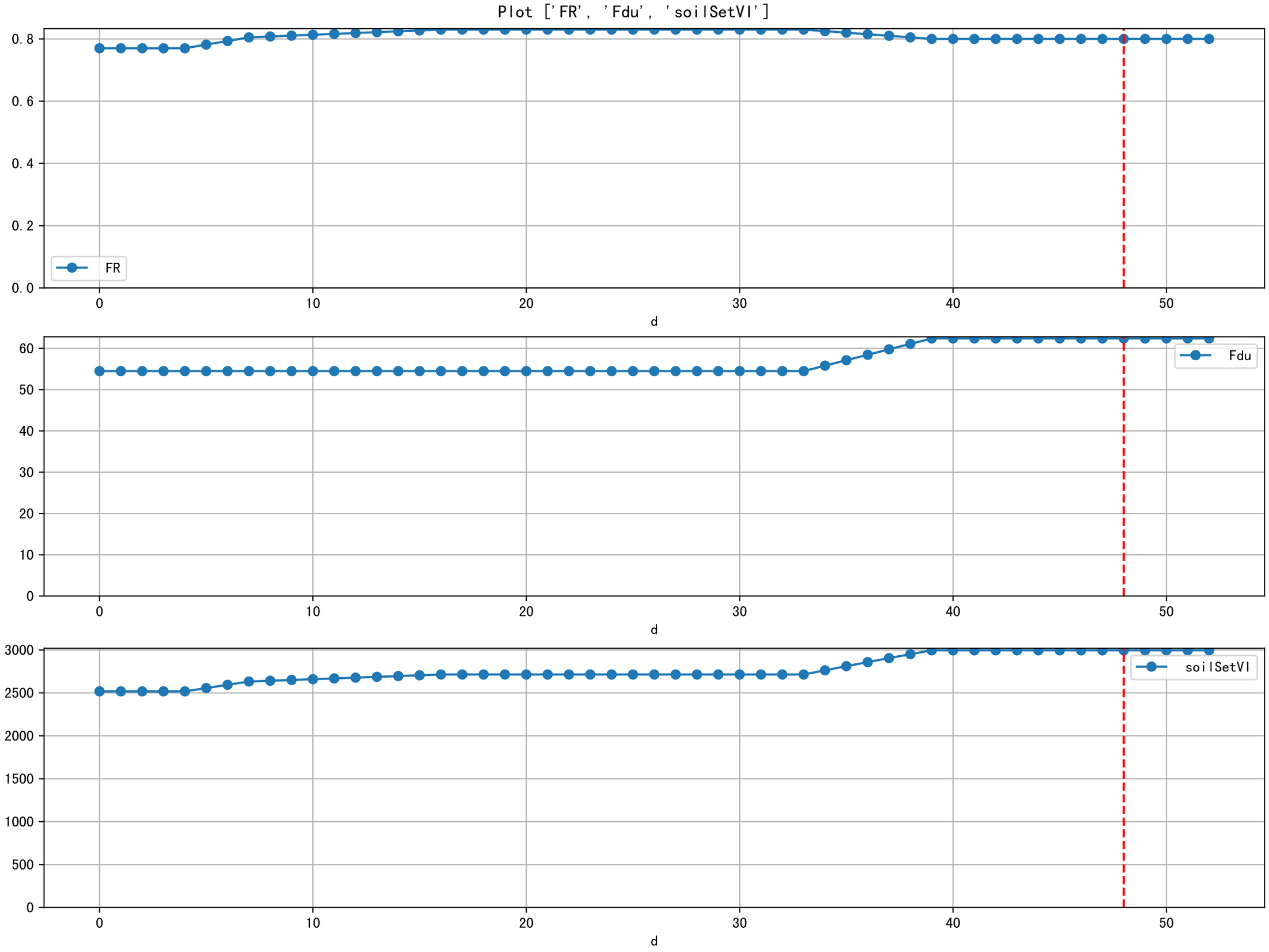

Fdu, duBegFit, and duBeg moving average
M_E_fdu
M_E_duBegFit
M_E_duBeg
70
60
50
40
30
20
10
0
15
20
25
30
35
40
d

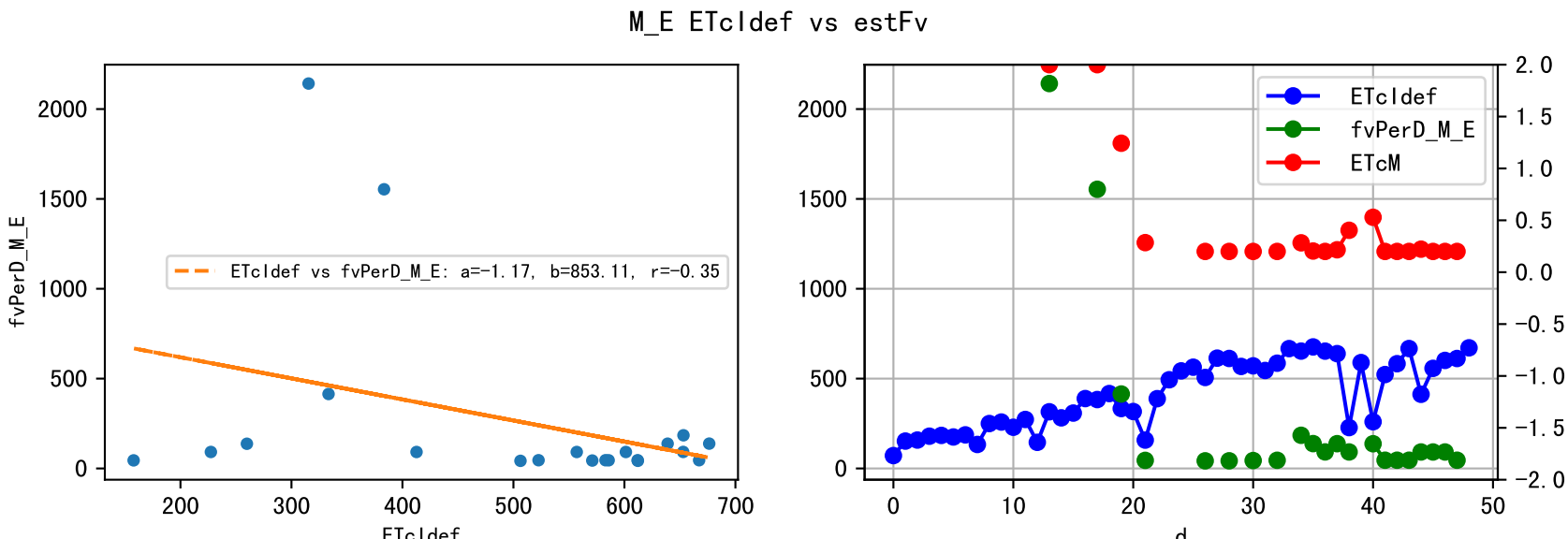

FduBeg (Estimated from BetaS fit)
25
20
15
10
5
0
15
20
25
30
35
40
45
d
M_E_duBegFitma
Warning: col ['FduBegFit'] is missing

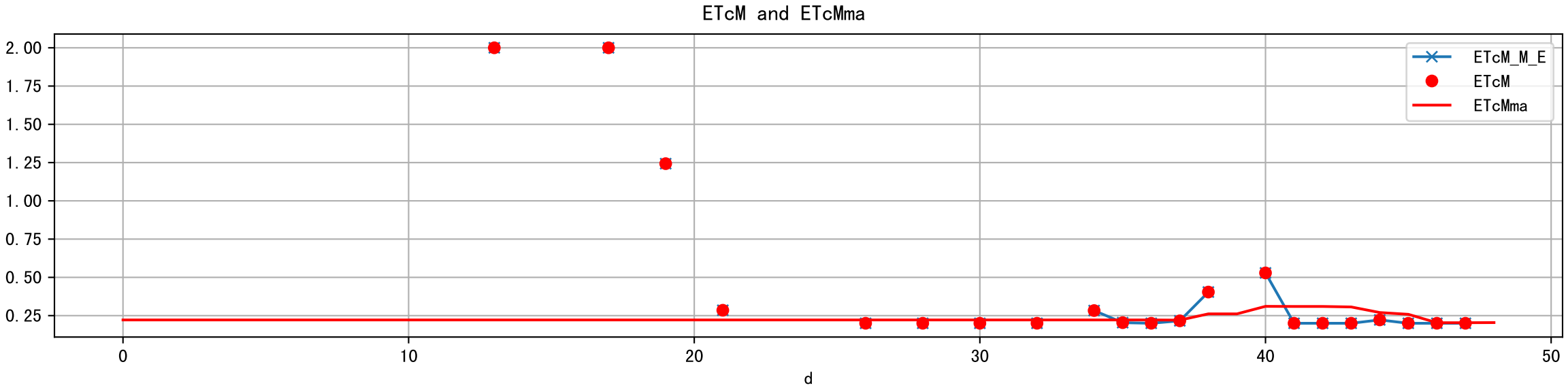

Fdu (Estimated from BetaS fit
M_E_fduma
Fdu_raw
Fdu
d
0
10
20
30
40
50
0
10
20
30
40
50
60
70


fvPerM Estimated for each M sensor by fit BetaS
500
400
300
200
100
0
M_E_fvPerM
15
20
25
30
35
40
45
d

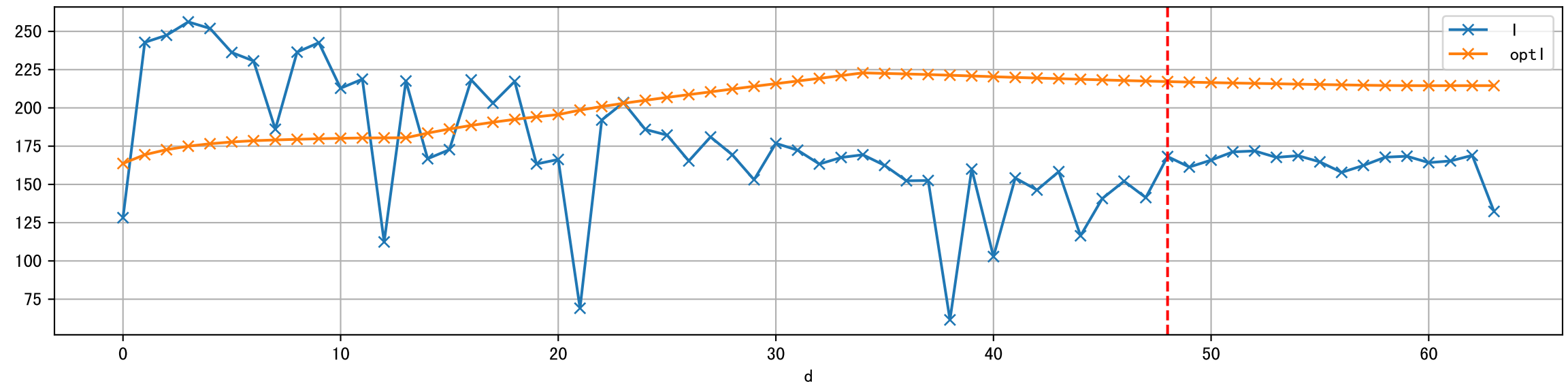

fvPerM moving average
500
400
300
200
100
0
15
20
25
30
35
40
d
M_E_fvPerM
M_E_fvPerMma

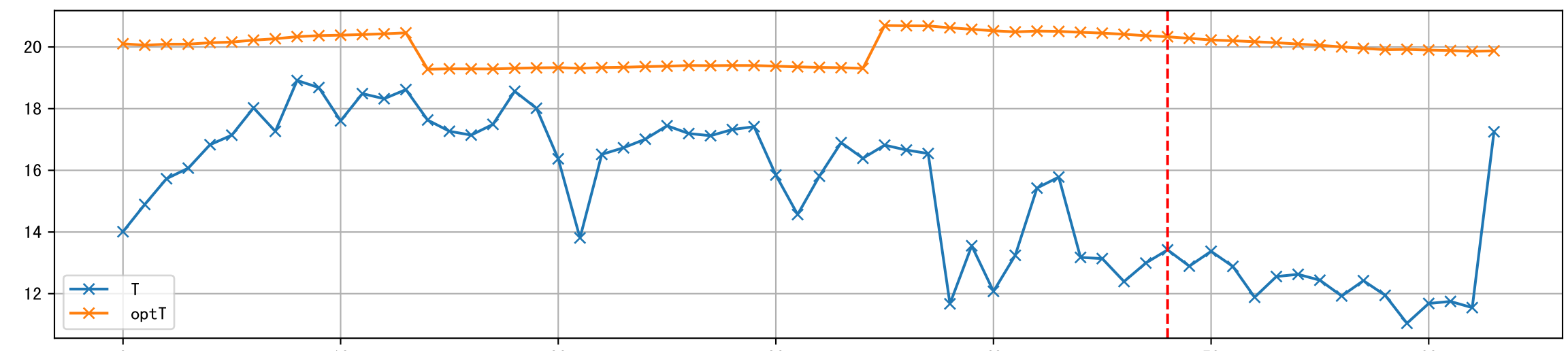

Plot ['FR', 'Fdu', 'soilSetVI']
FR
Fdu
soilSetVI
d
d
d

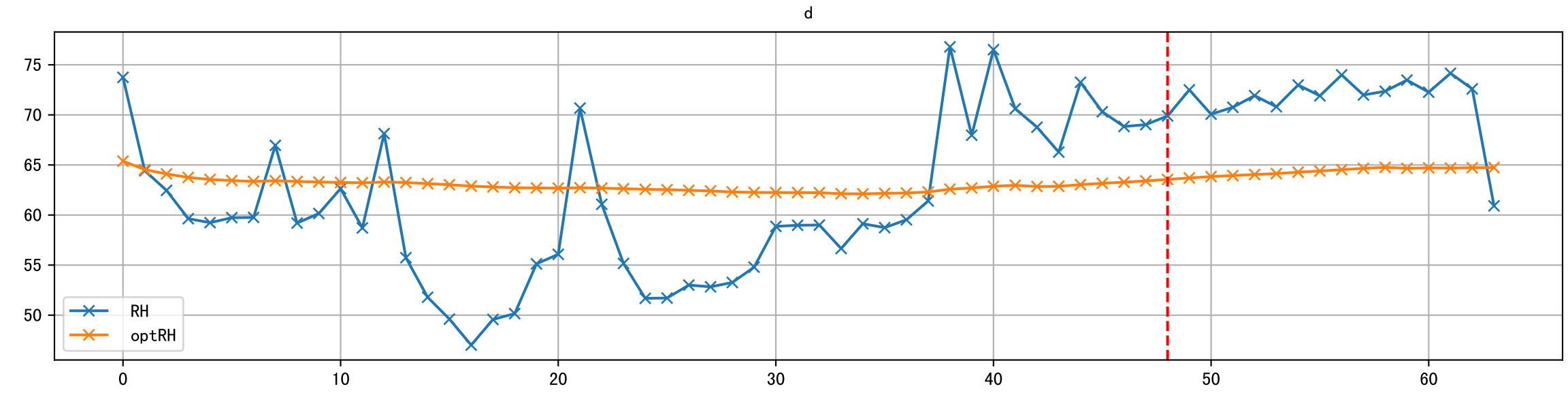

M_E ETcIdef vs estFv
ETcIdef vs fvPerD_M_E: a=-1.17, b=853.11, r=-0.35
fvPerD_M_E
ETcIdef
ETcIdef
fvPerD_M_E
ETcM
d

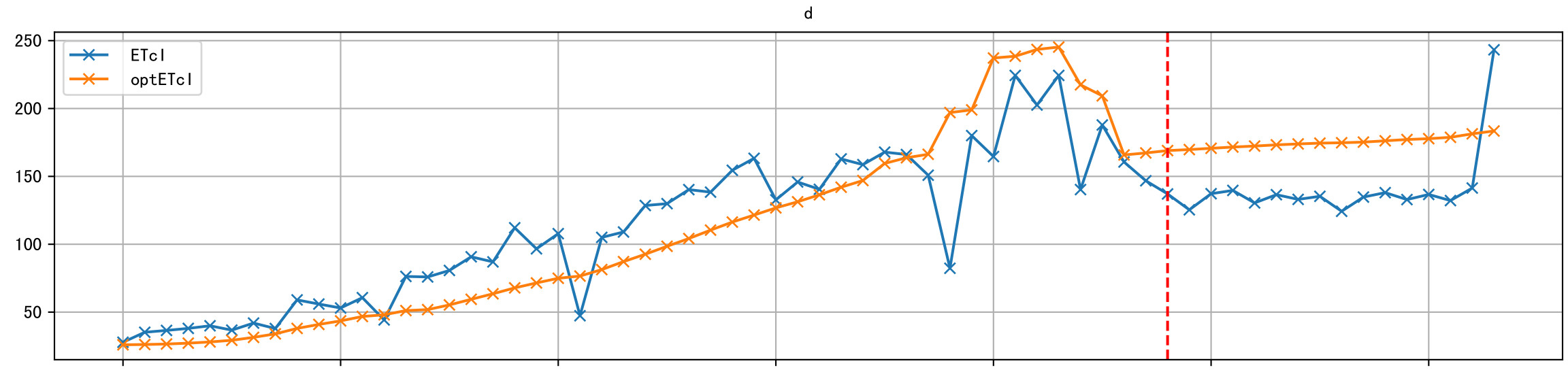

ETcM and ETcMma
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0
10
20
30
40
50
d
ETcM_M_E
ETcM
ETcMma

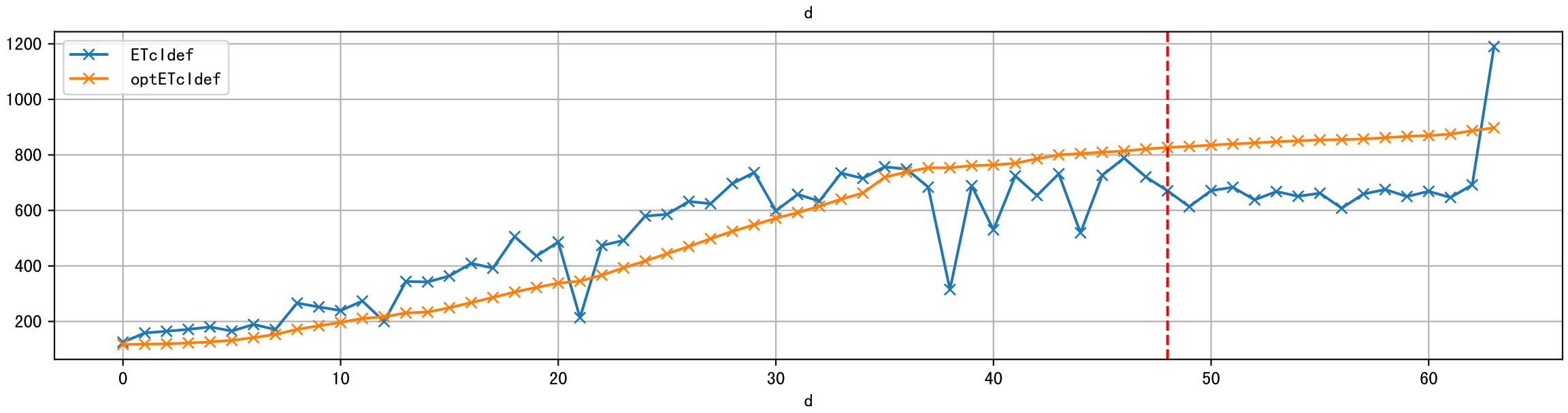
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETol', 'optETol'], 'LAI', ['optEtRate', 'optEtRateDef', '

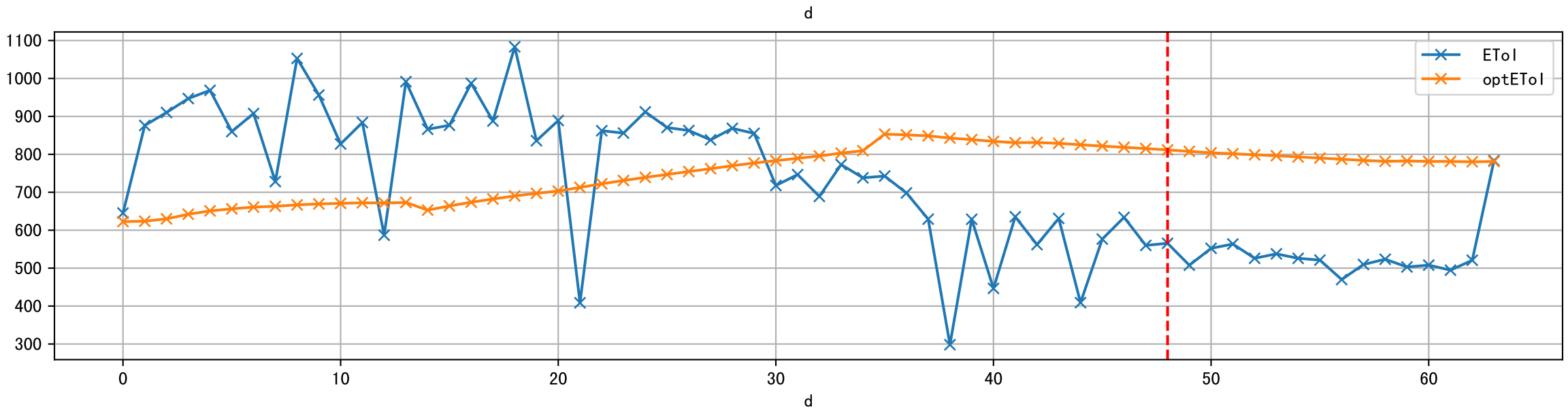


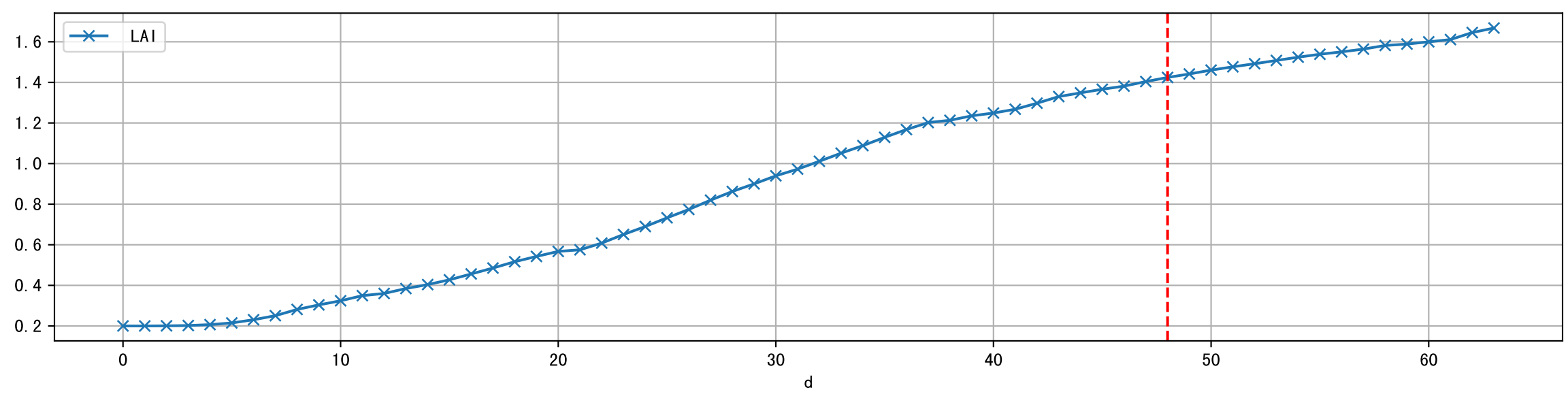


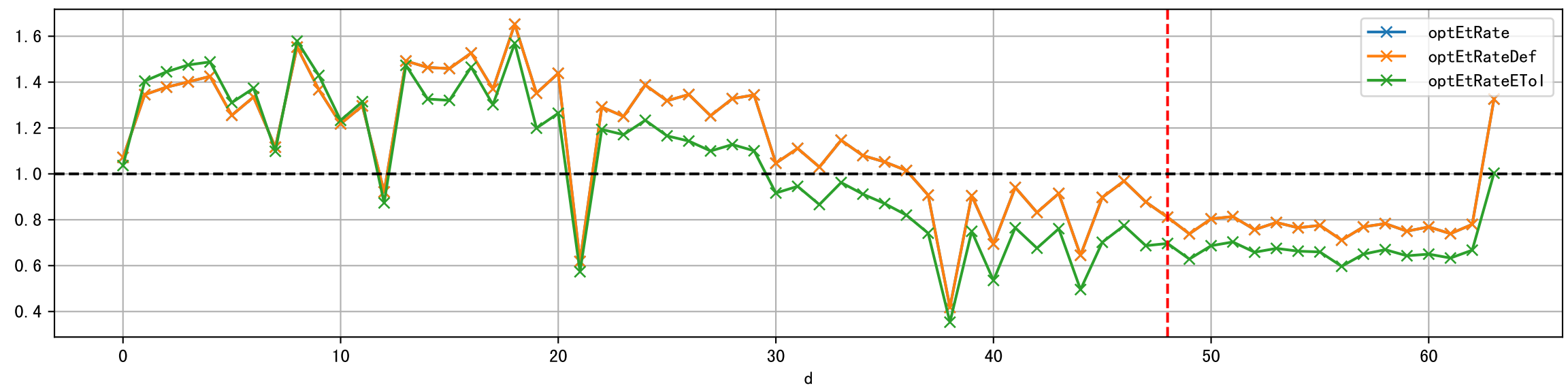






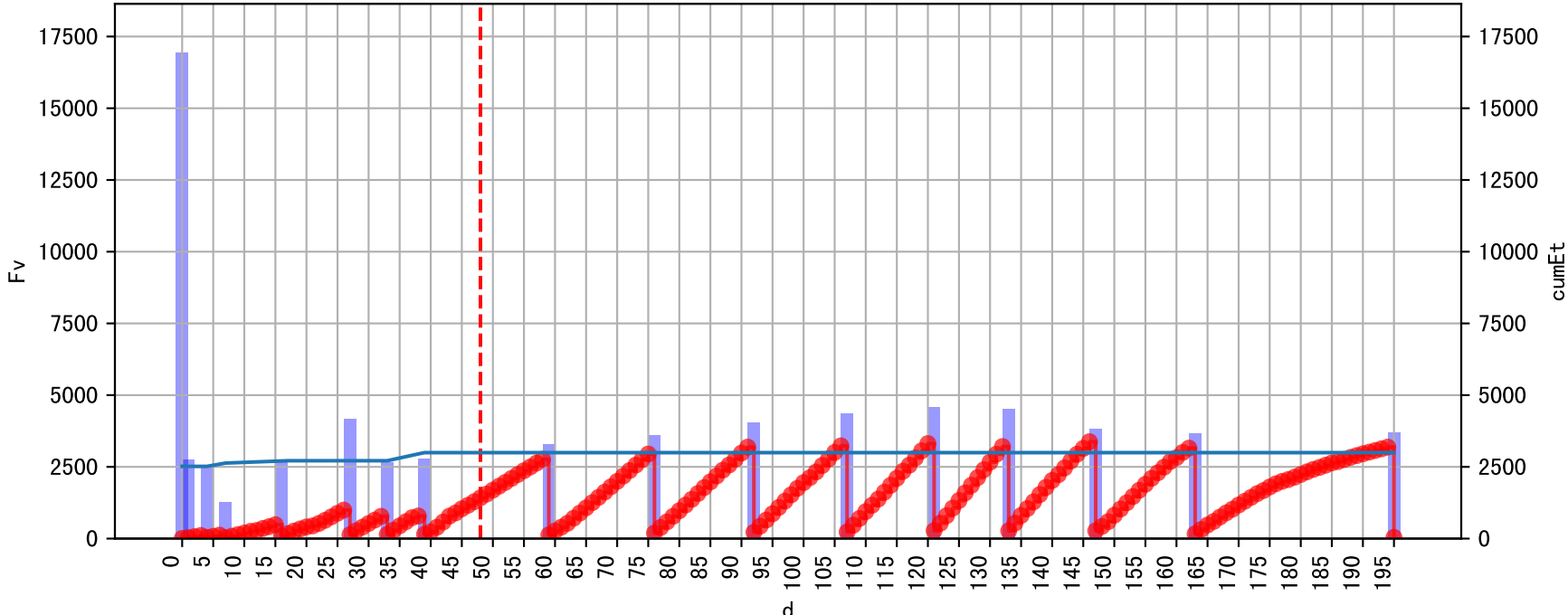


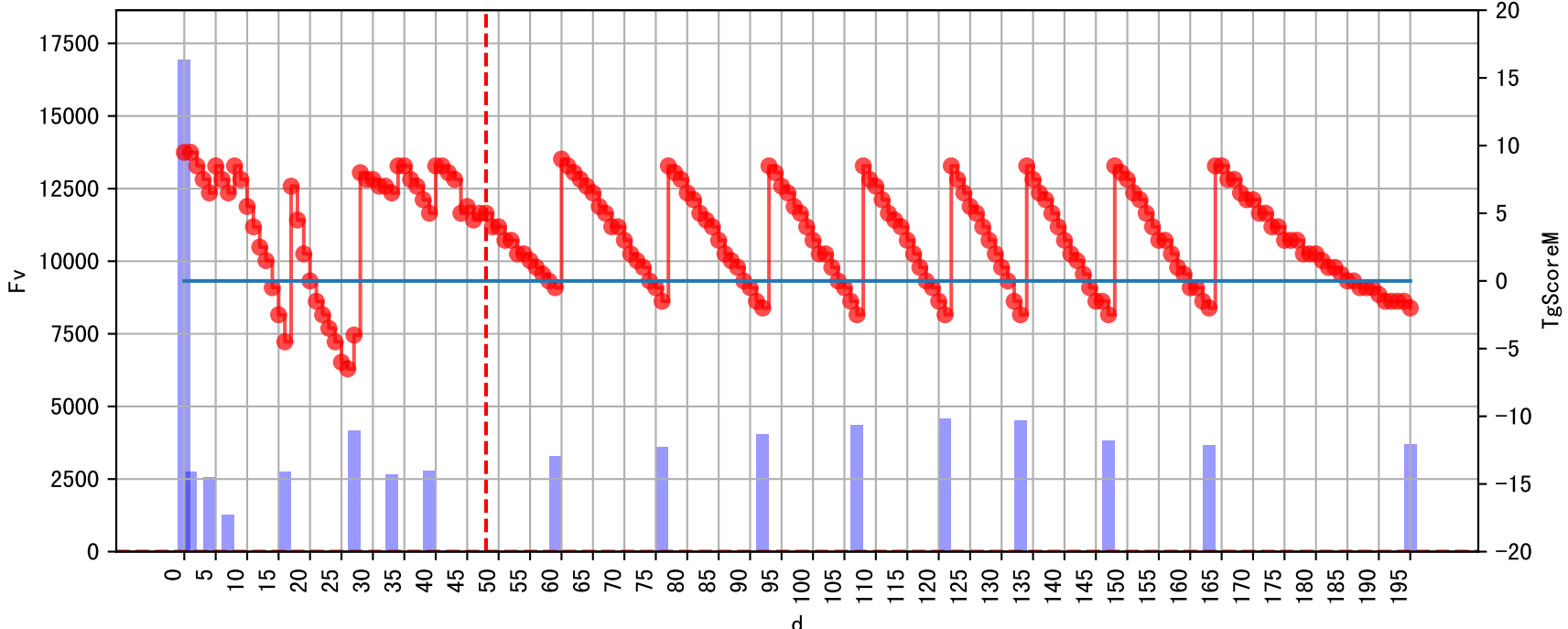




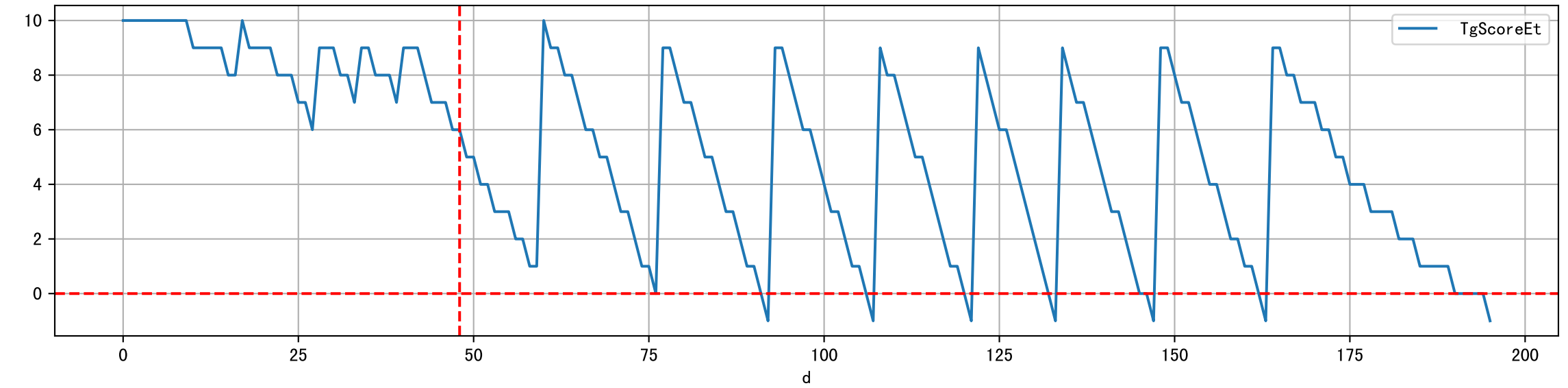

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
0
25
50
75
100
125
150
175
200
d
taoc
taoc_raw
taoc_avg

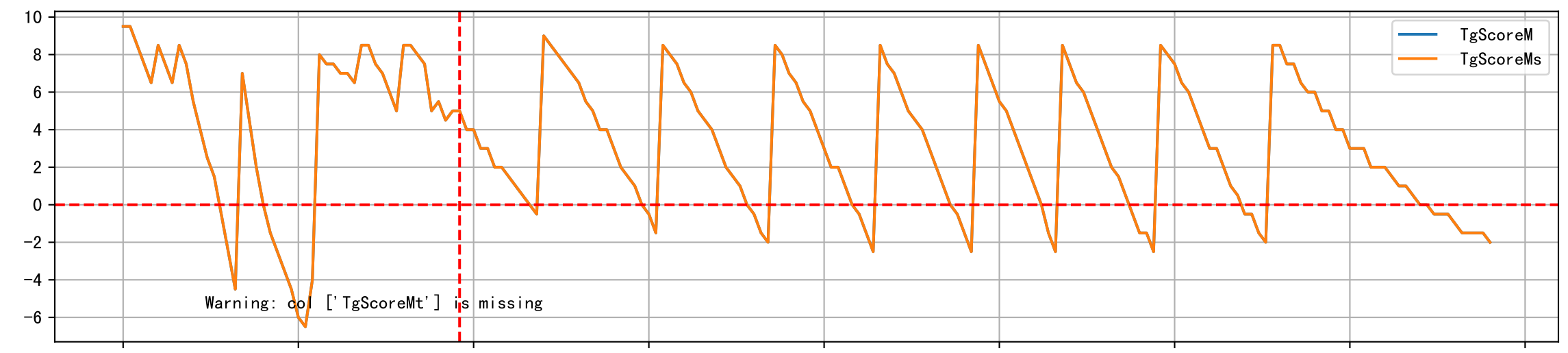
note	fz	fzStockID	expFDF	expEC	preDu	fz
发现灌溉，未预期，灌溉过量1406ml/株，肥料名缺失(假设只灌清水)	丰码有品果期肥	NA	nan	360.0	0.0	349
预期灌溉，土壤肥已过量，逐渐减肥	丰码有品果期肥	1033	500.0	862.0	360.0	345
预期灌溉	丰码有品果期肥	TBD	451.0	738.0	536.0	368
预期灌溉	丰码有品果期肥	TBD	386.4	787.0	769.0	398

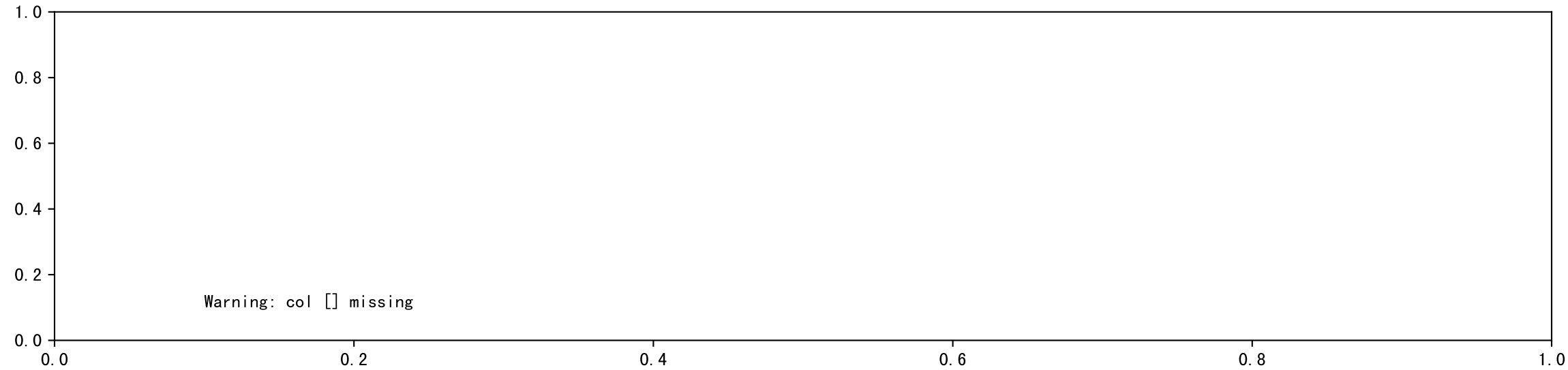

Fv
cumEt
0
2500
5000
7500
10000
12500
15000
17500
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

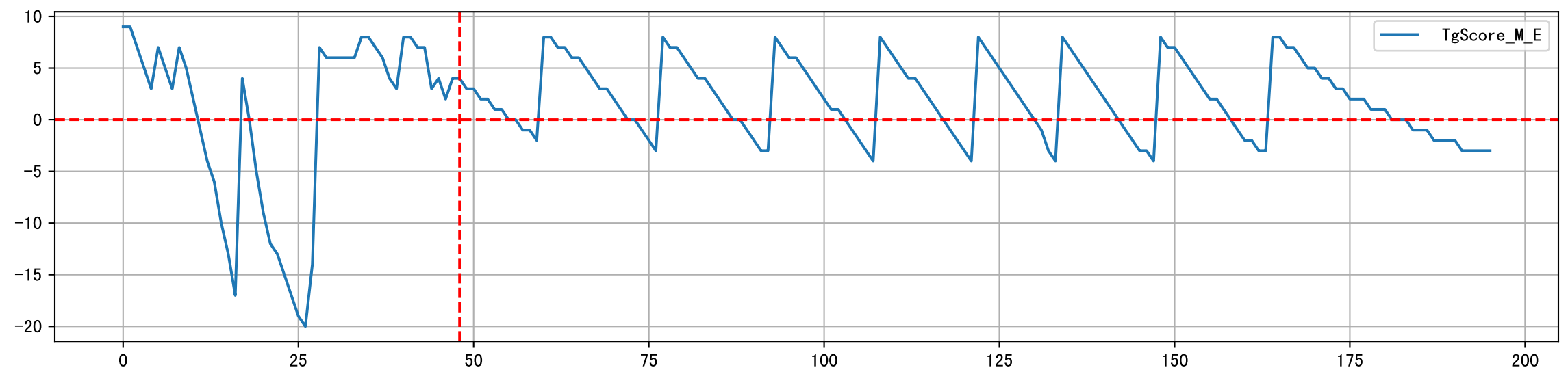

Fv
TgScoreM
0
2500
5000
7500
10000
12500
15000
17500
20
15
10
5
0
−5
−10
−15
−20
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

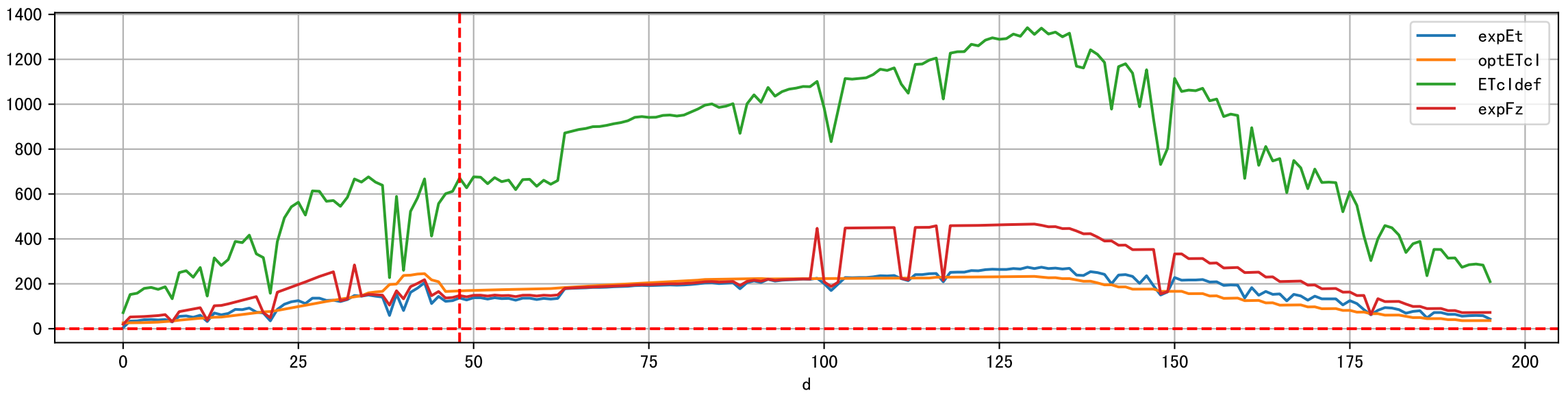
Fg Trigger Score (by Et and sensor)

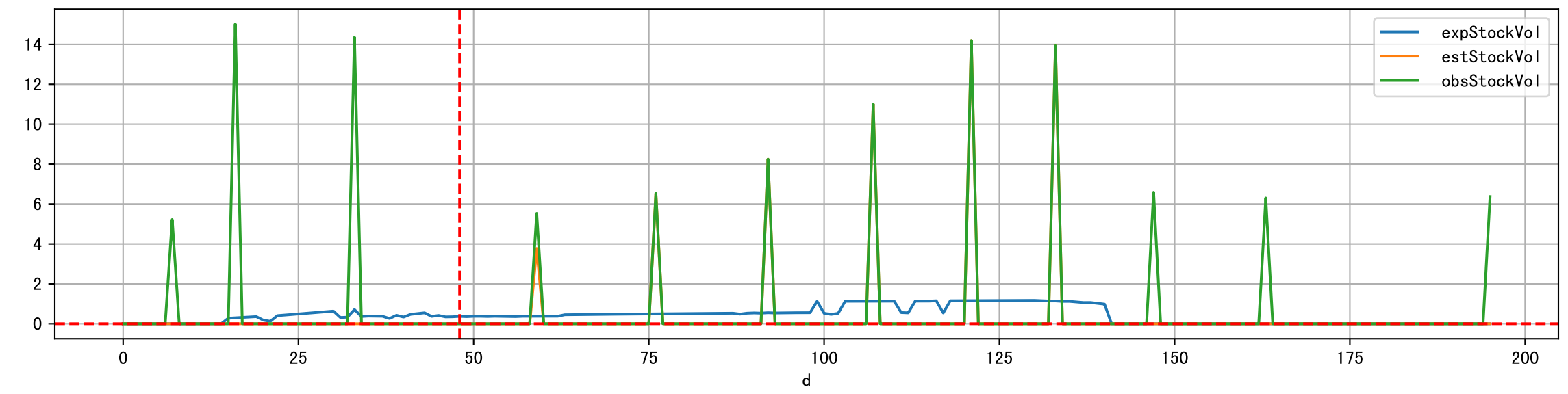




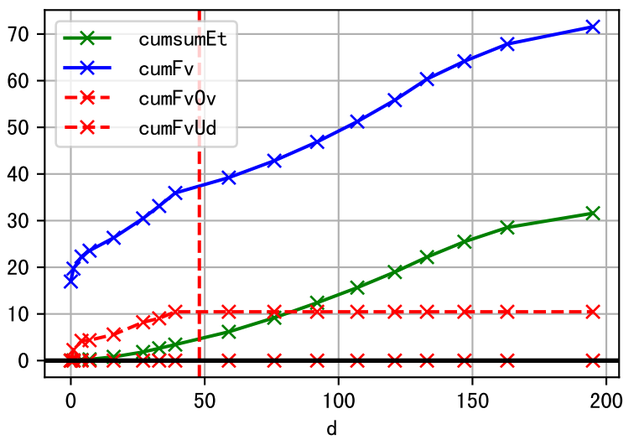


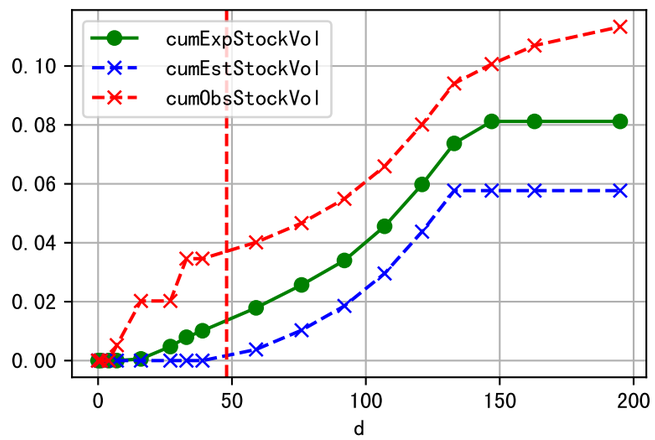


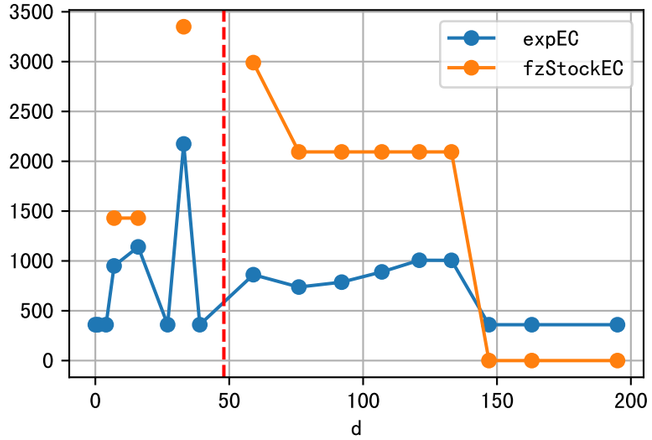


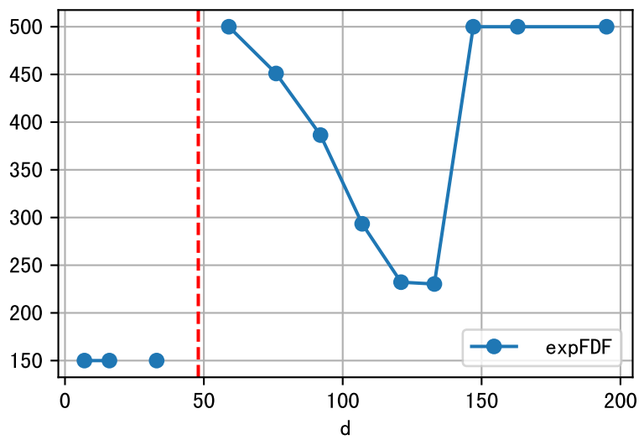


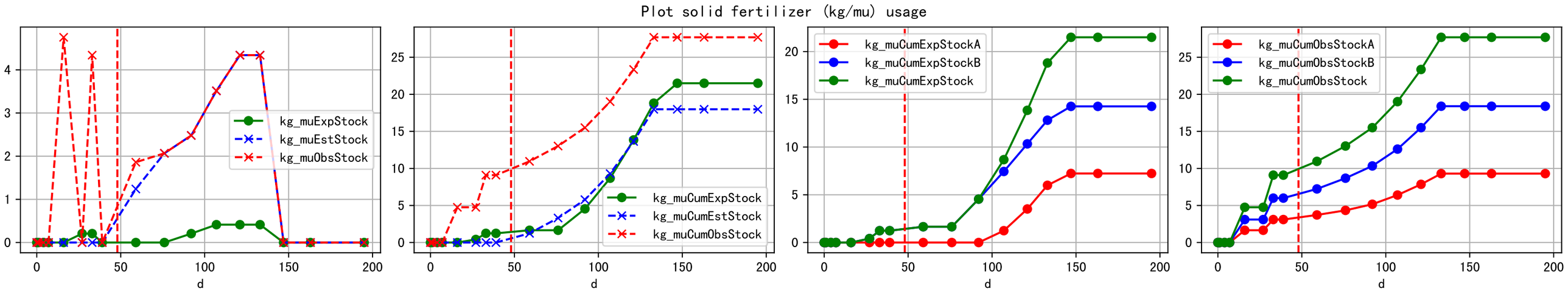
Plot liquid fertilizer usage

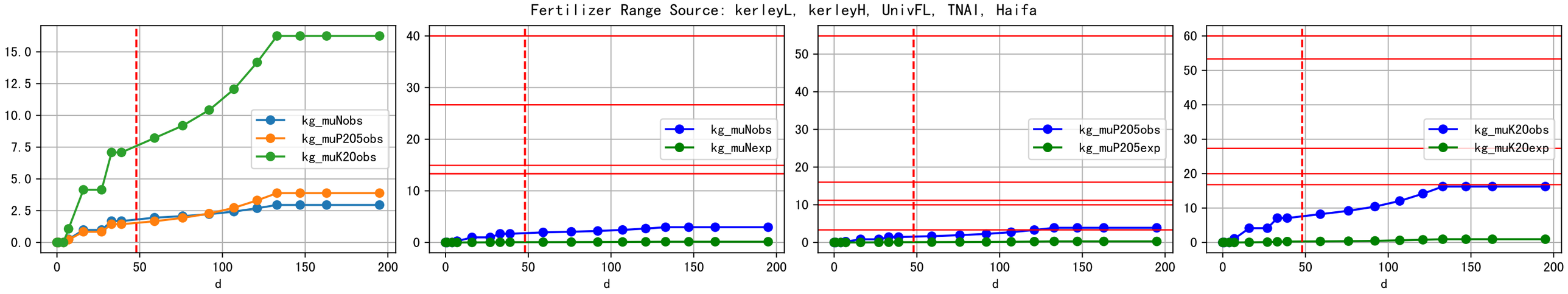









Plot solid fertilizer (kg/mu) usage
kg_muExpStock
kg_muEstStock
kg_muObsStock
kg_muCumExpStock
kg_muCumEstStock
kg_muCumObsStock
kg_muCumExpStockA
kg_muCumExpStockB
kg_muCumExpStock
kg_muCumObsStockA
kg_muCumObsStockB
kg_muCumObsStock
d


Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
kg_muNobs
kg_muP205obs
kg_muK20obs
kg_muNexp
kg_muP205exp
kg_muK20exp
d