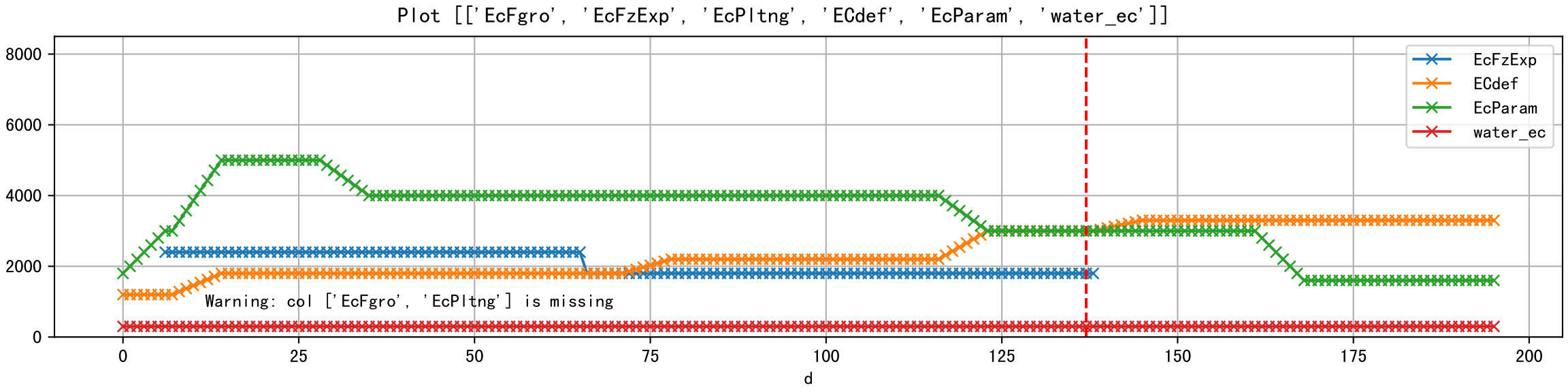
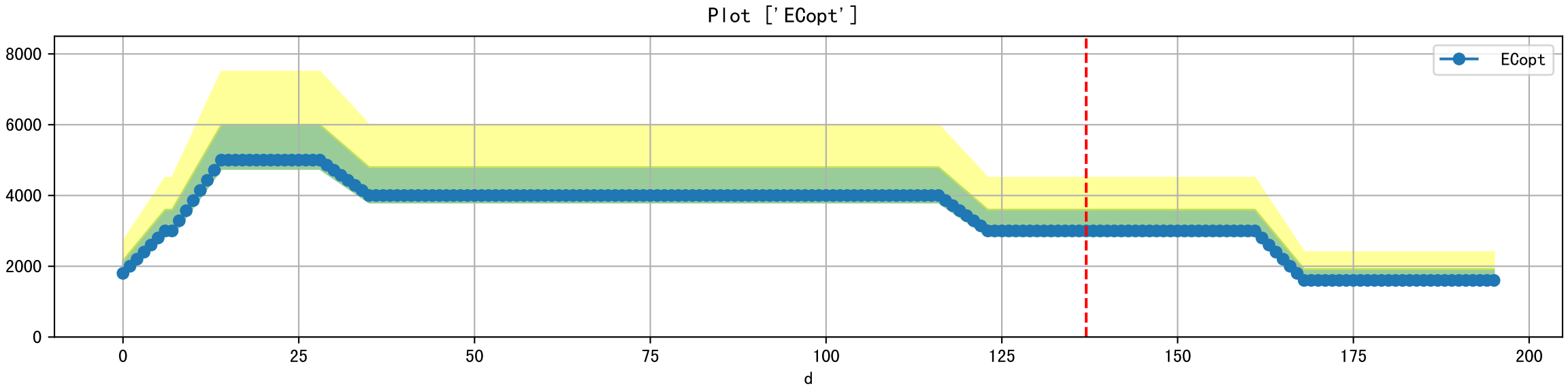
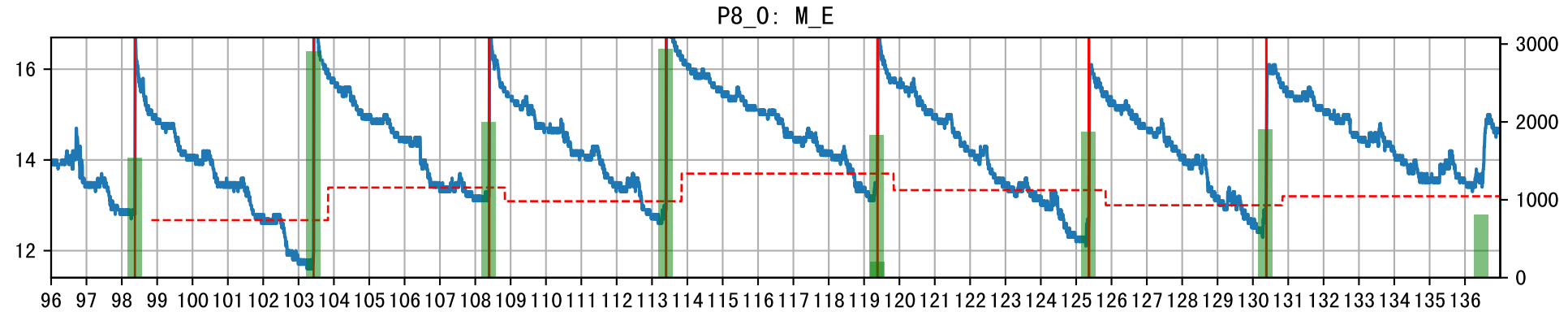
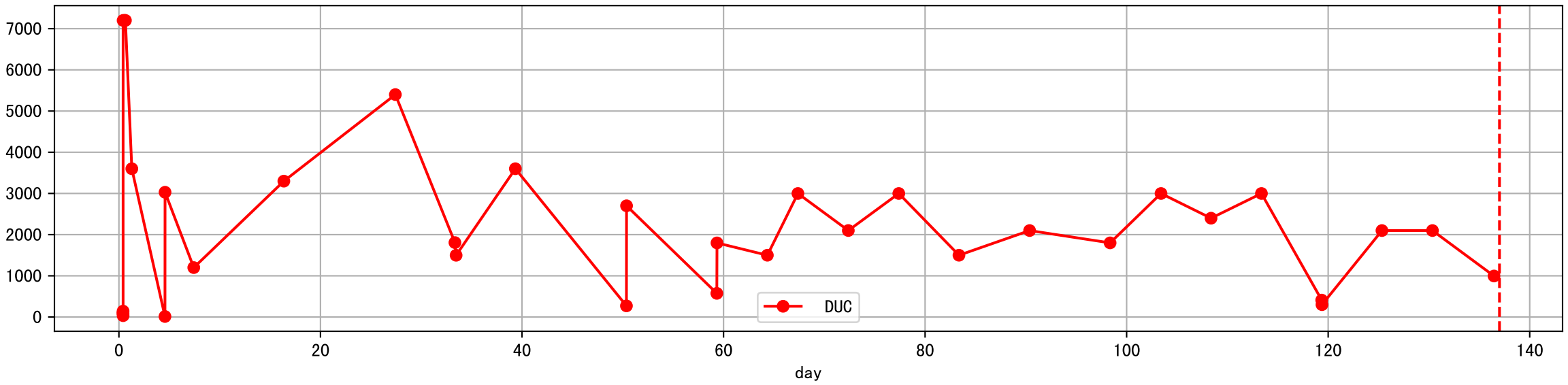
FgArea: ['0']
NC11 P8
2026-03-03 (Day 137)

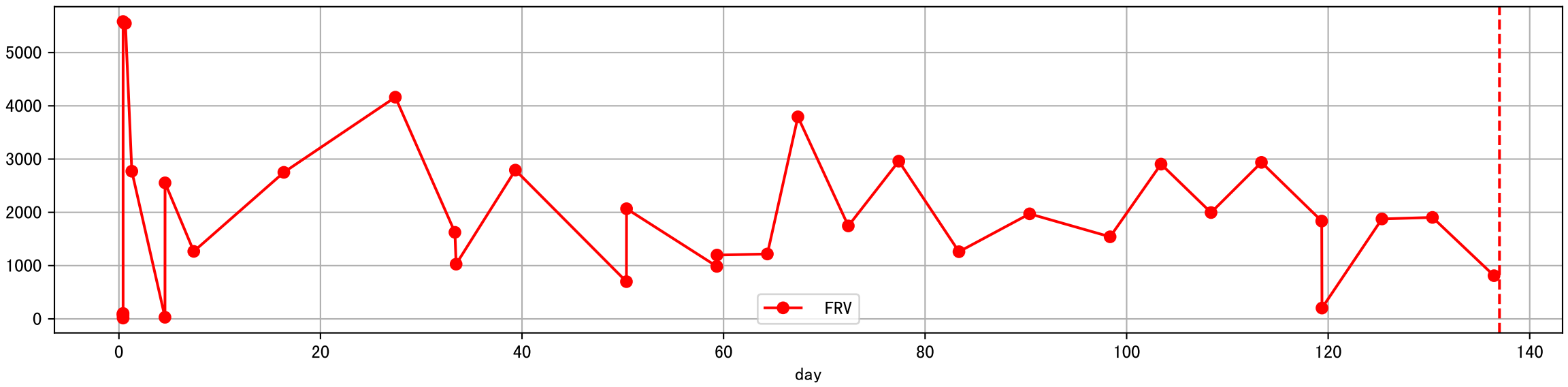

Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'EcParam', 'water_ec']]
EcFzExp
ECdef
EcParam
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
8000
6000
4000
2000
0
0
25
50
75
100
125
150
175
200
d

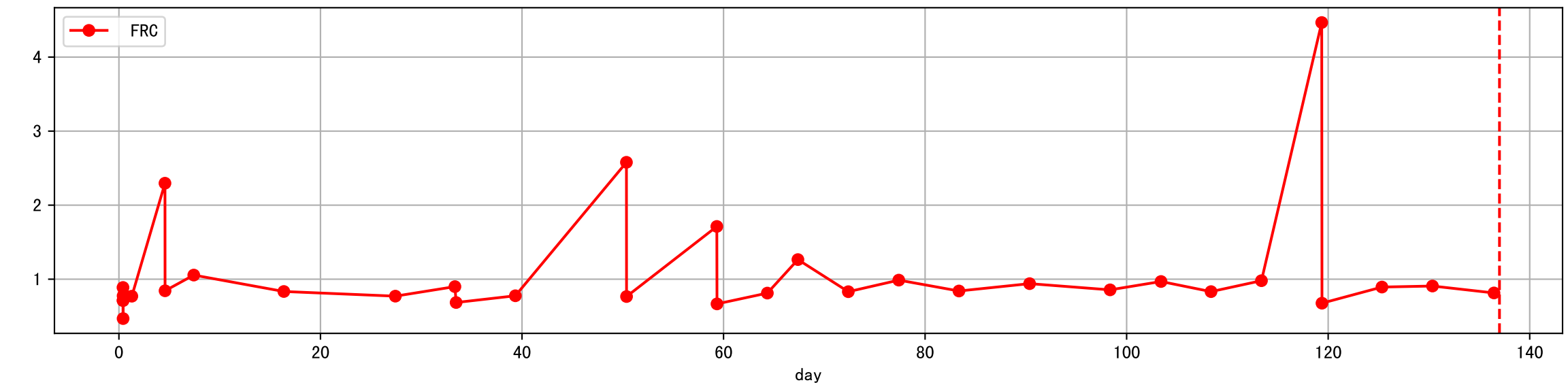

Plot ['ECopt']
ECopt
8000
6000
4000
2000
0
0
25
50
75
100
125
150
175
200
d

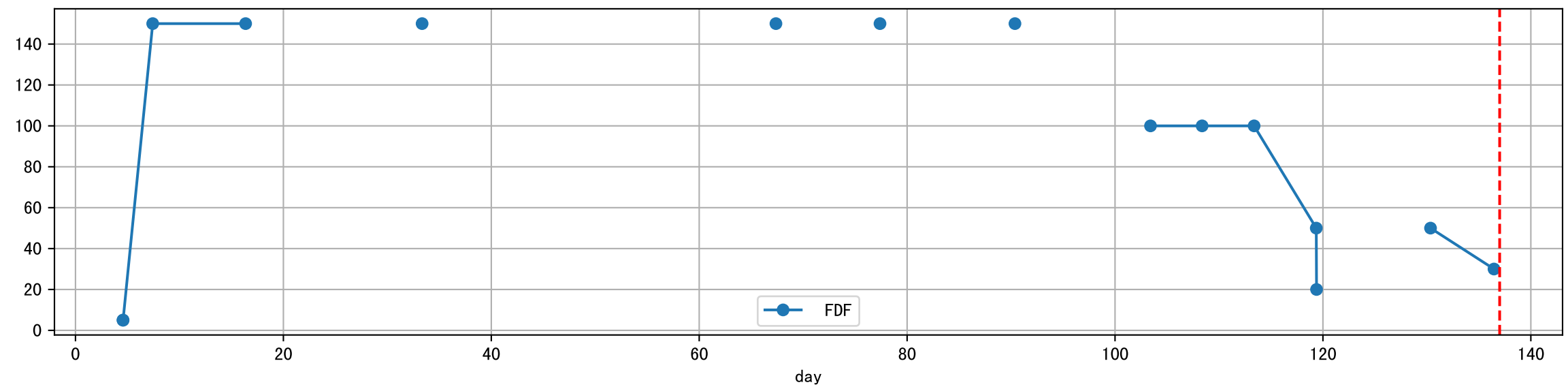

P8_0: M_E
16
14
12
3000
2000
1000
0
96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136

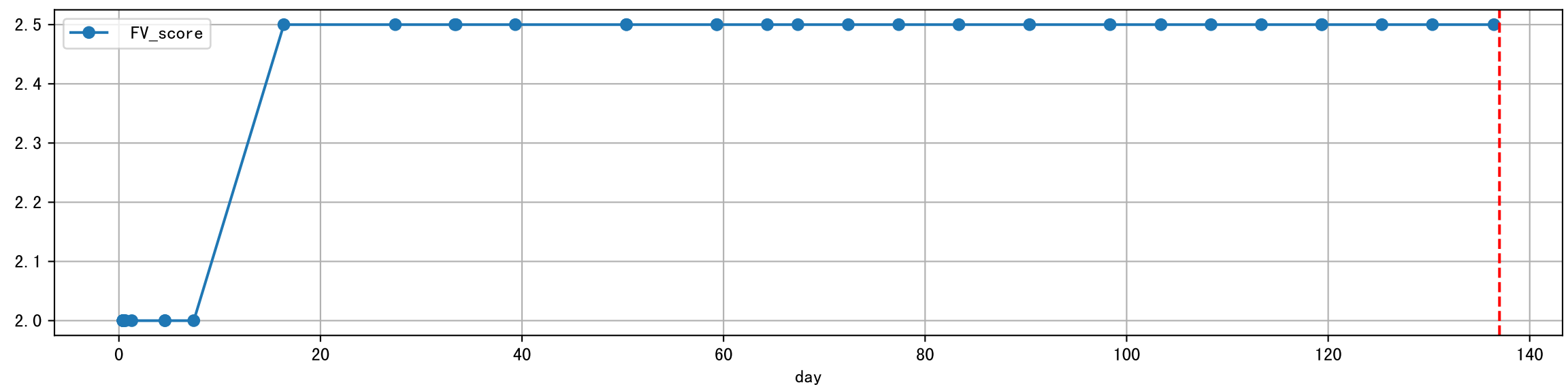
plot dfFv



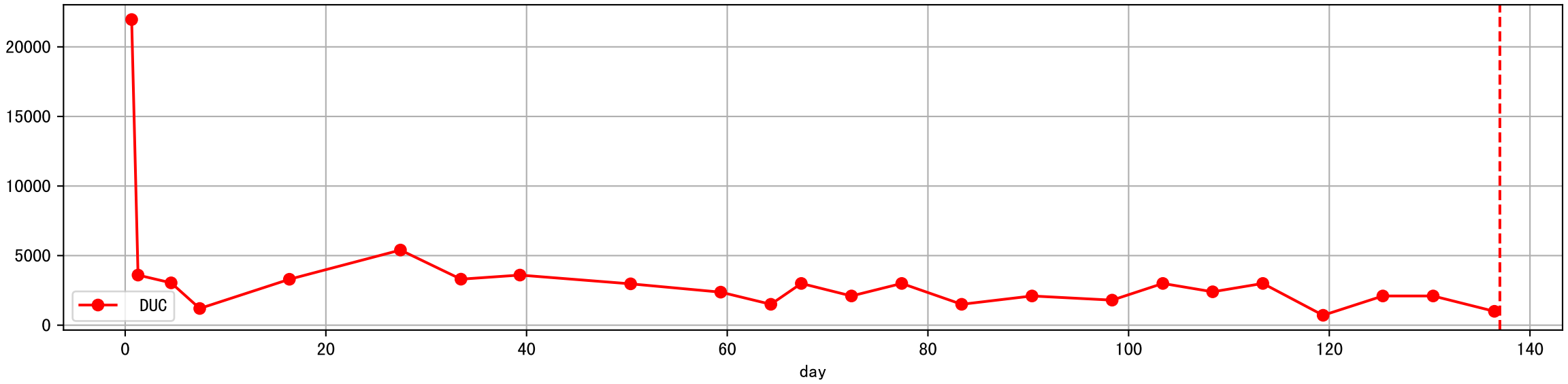


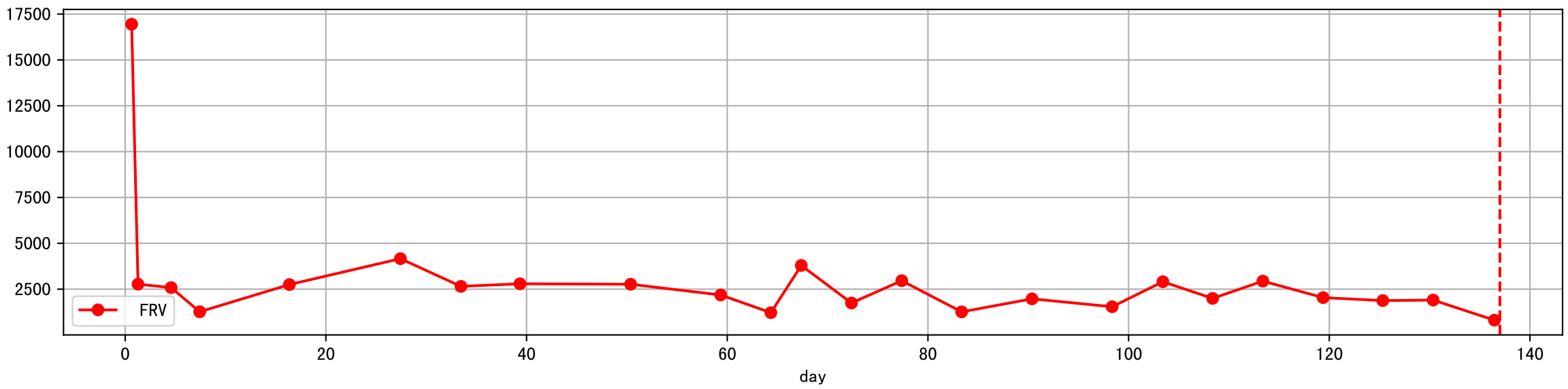


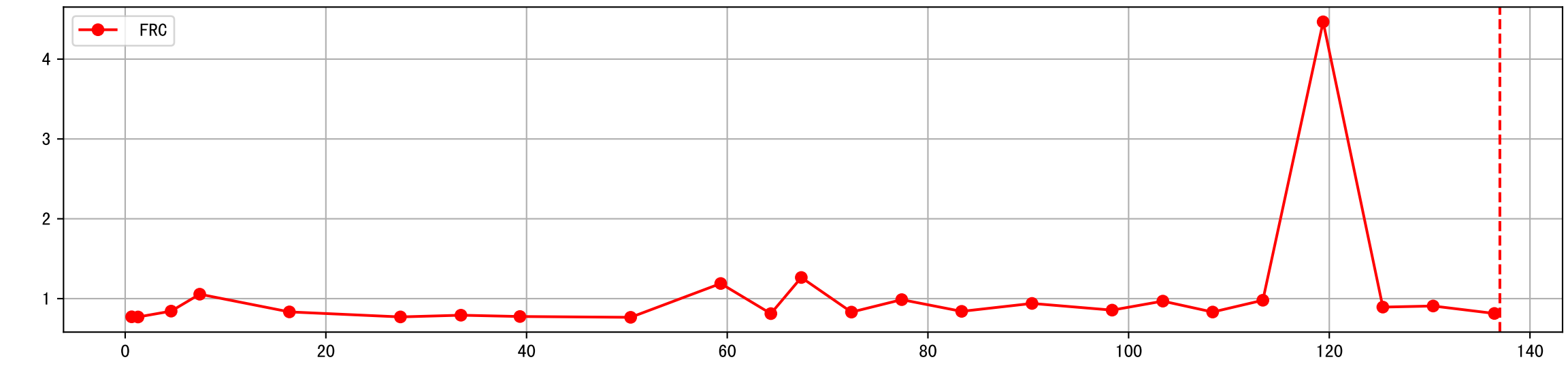


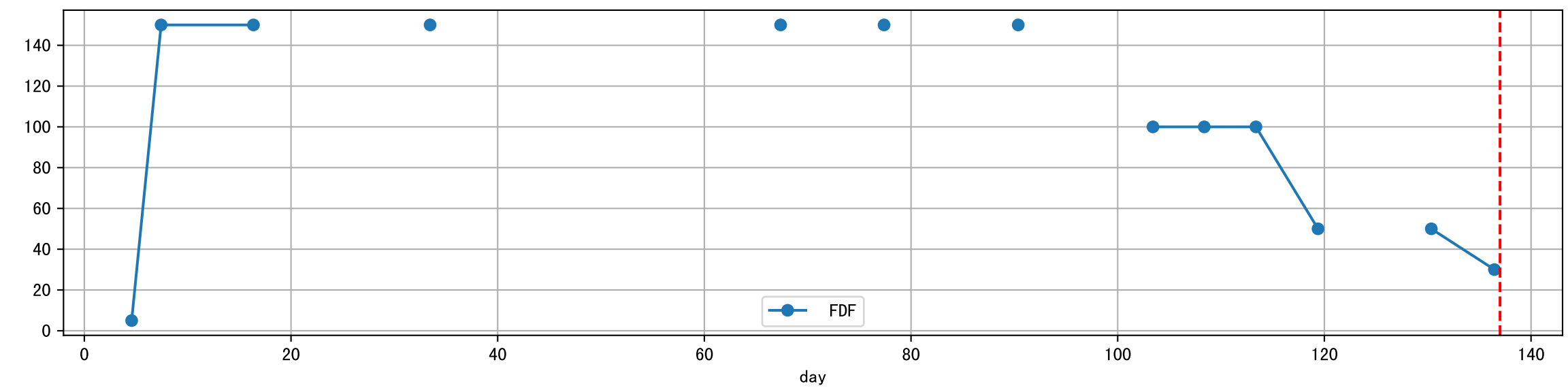


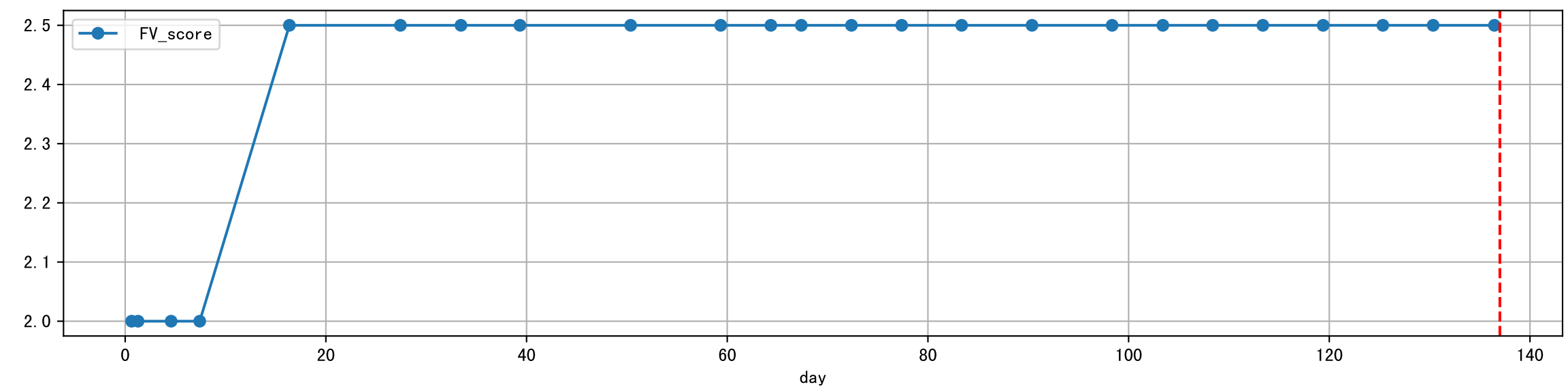
plot dfFv (daily Agg)

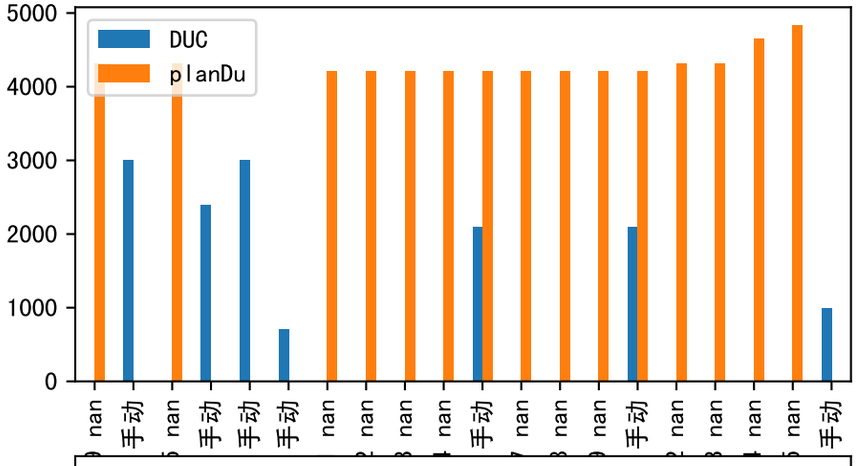


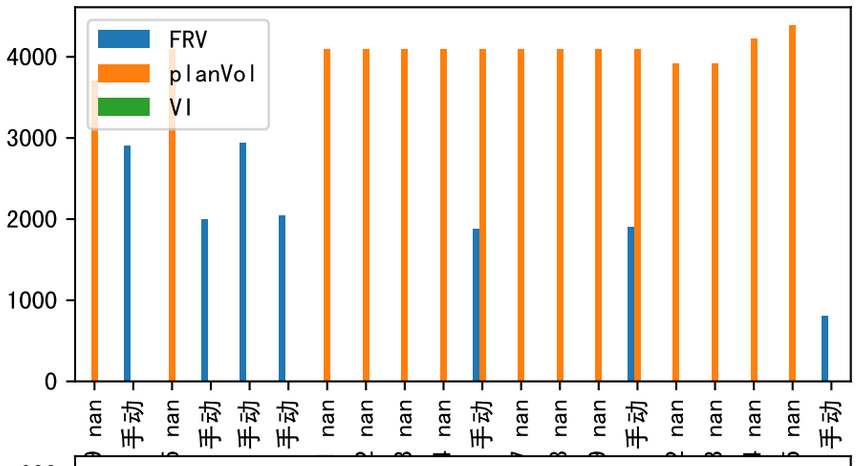


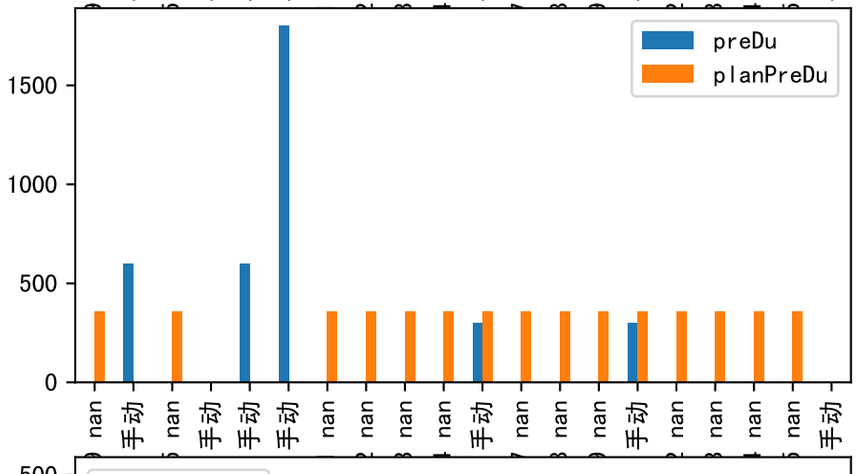


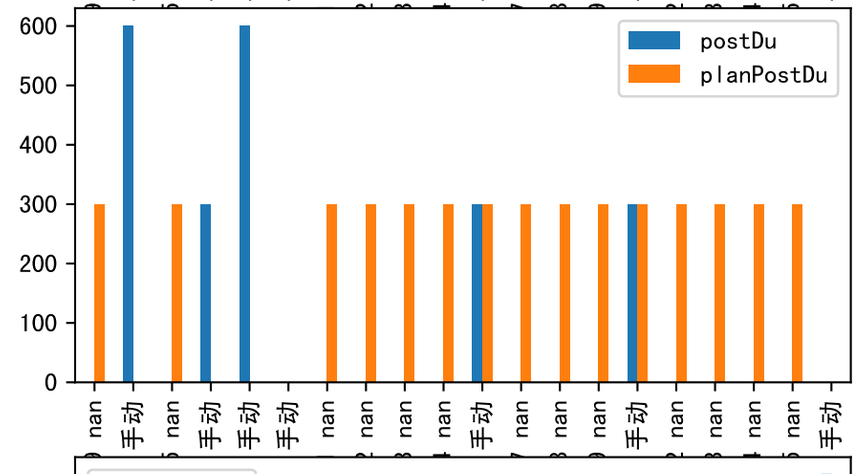


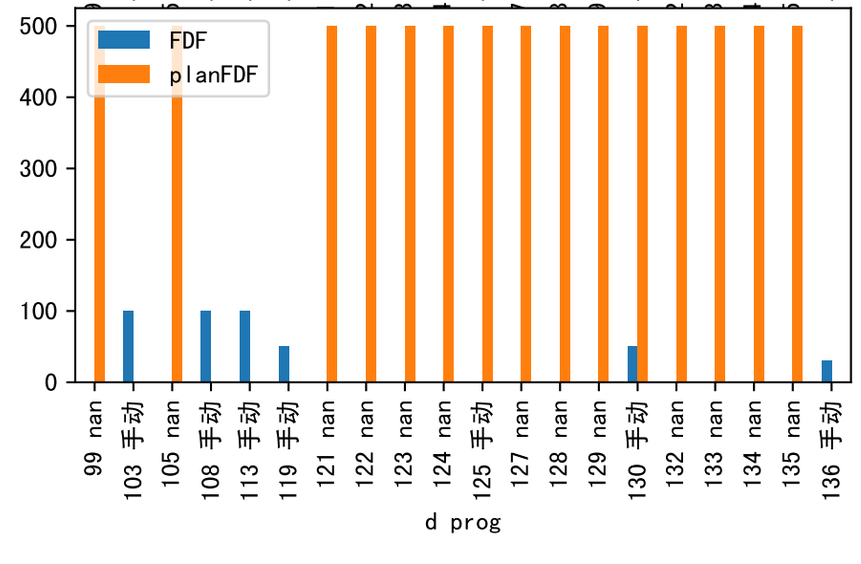


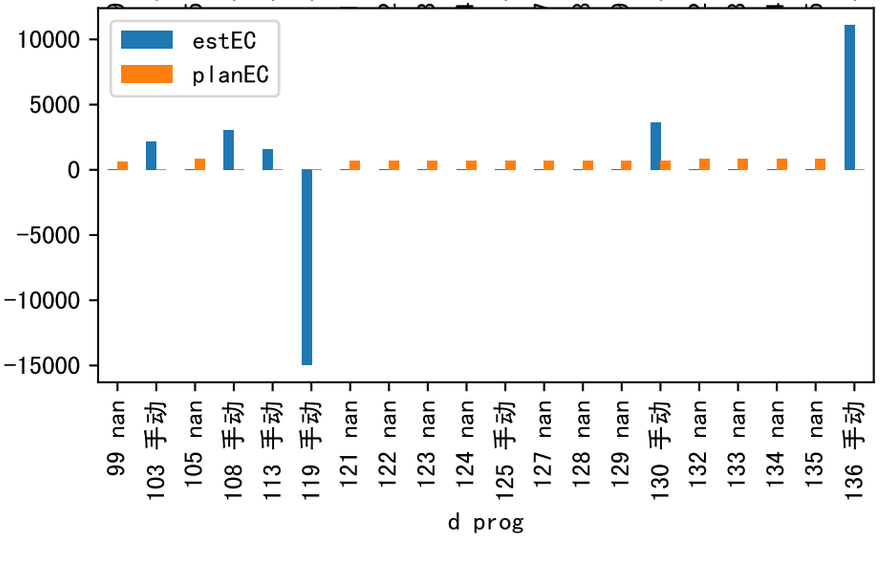

DUC
planDu

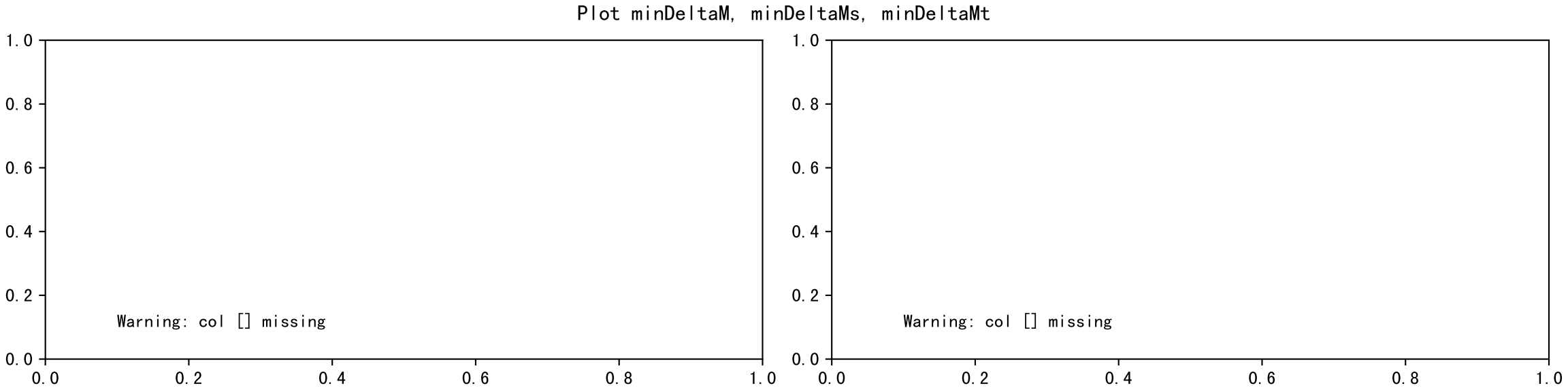

FRV
planVol
VI

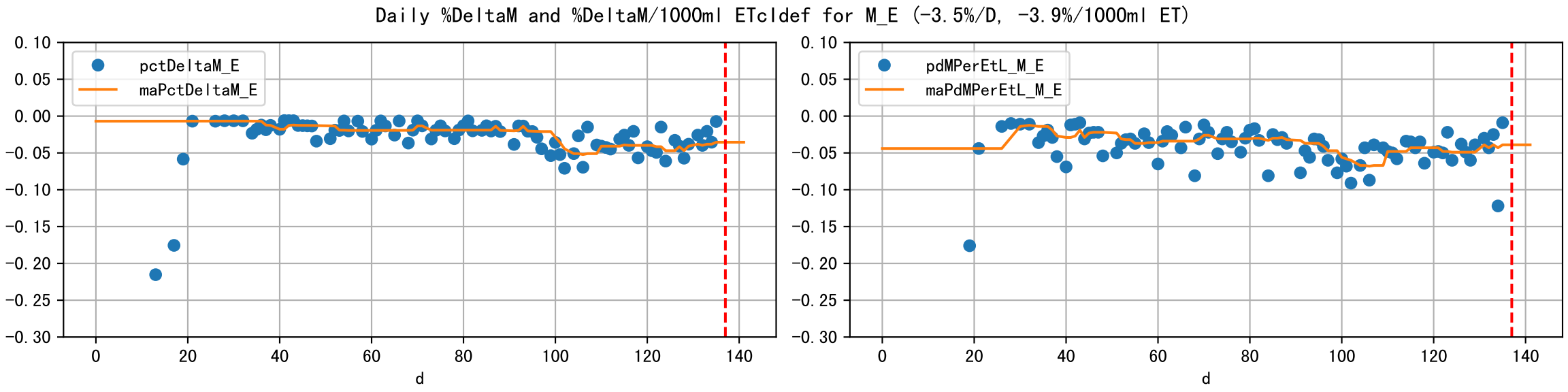

preDu
planPreDu

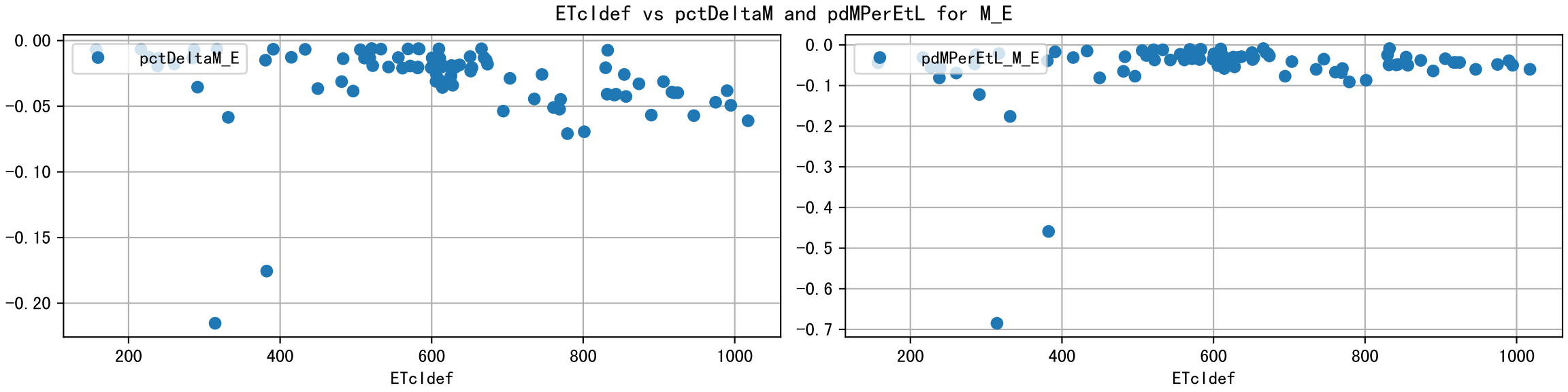

postDu
planPostDu

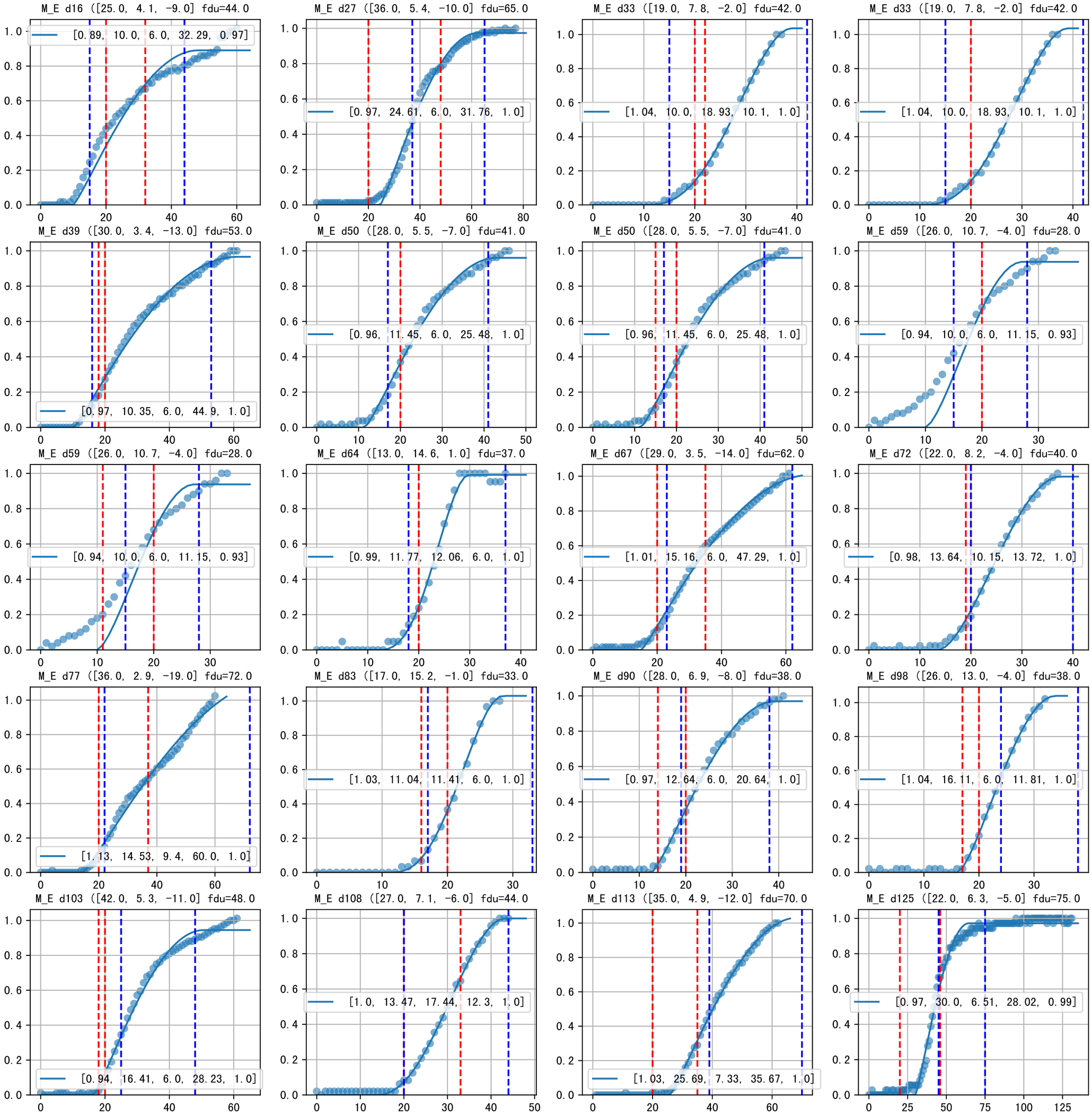

FDF
planFDF
d prog

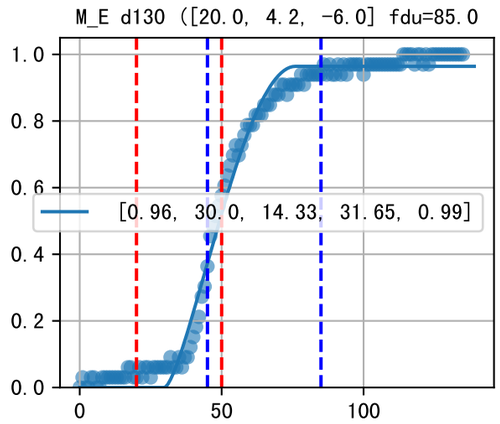

estEC
planEC
d prog

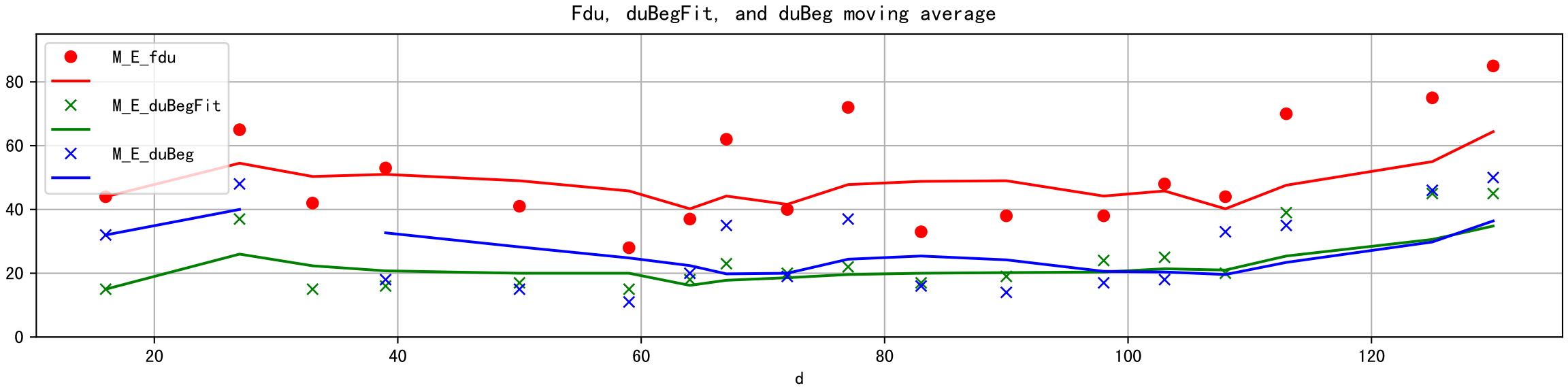

Plot minDeltaM, minDeltaMs, minDeltaMt
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0

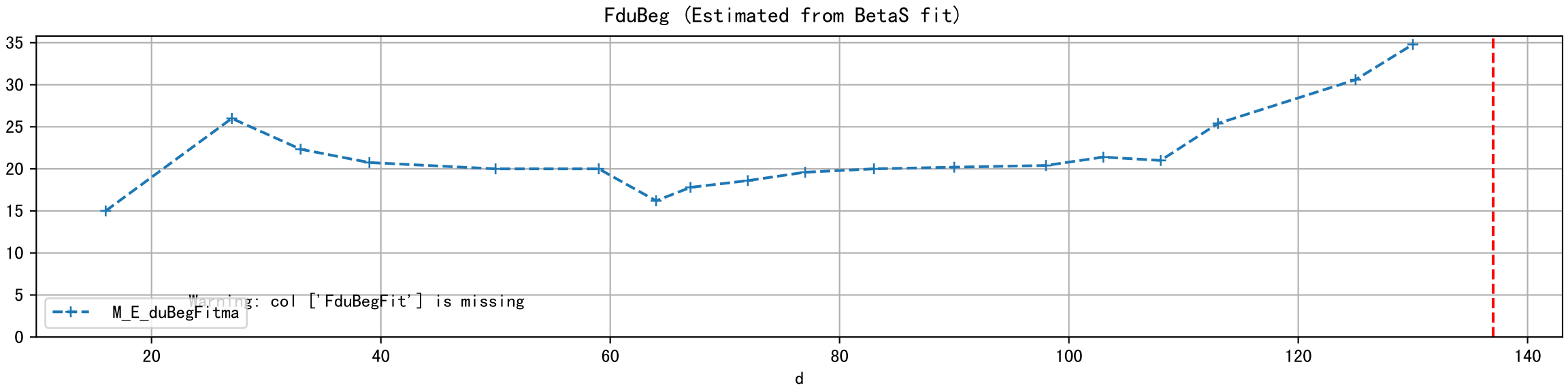

Daily %DeltaM and %DeltaM/1000ml ETcldef for M_E (-3.5%/D, -3.9%/1000ml ET)
pctDeltaM_E
maPctDeltaM_E
pdMPerEtL_M_E
maPdMPerEtL_M_E
0.10
0.05
0.00
-0.05
-0.10
-0.15
-0.20
-0.25
-0.30
0
20
40
60
80
100
120
140
d

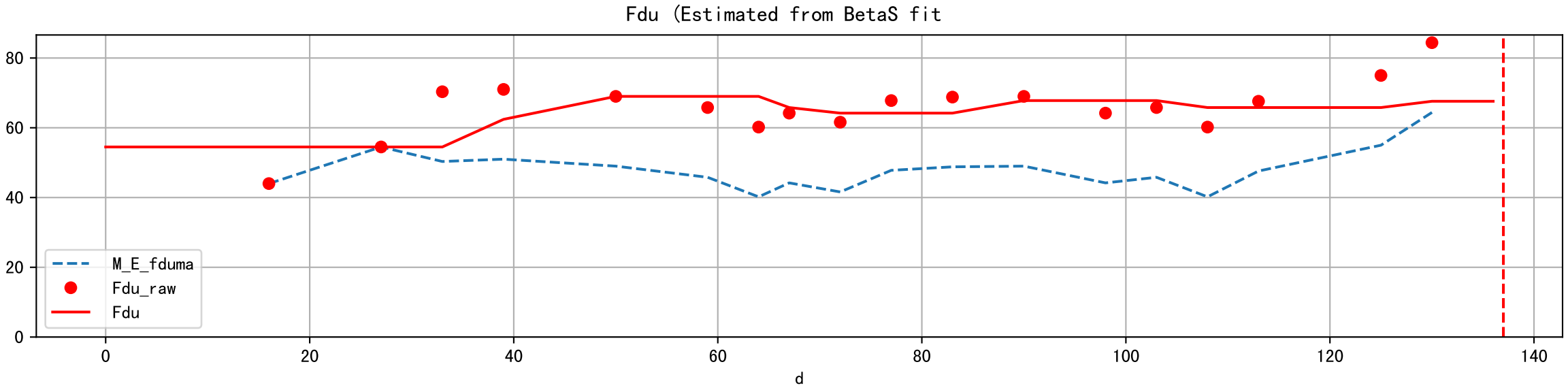

ETcIdef vs pctDeltaM and pdMPerEtL for M_E
pctDeltaM_E
pdMPerEtL_M_E
0.00
−0.05
−0.10
−0.15
−0.20
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
−0.7
200
400
600
800
1000
ETcIdef
ETcIdef

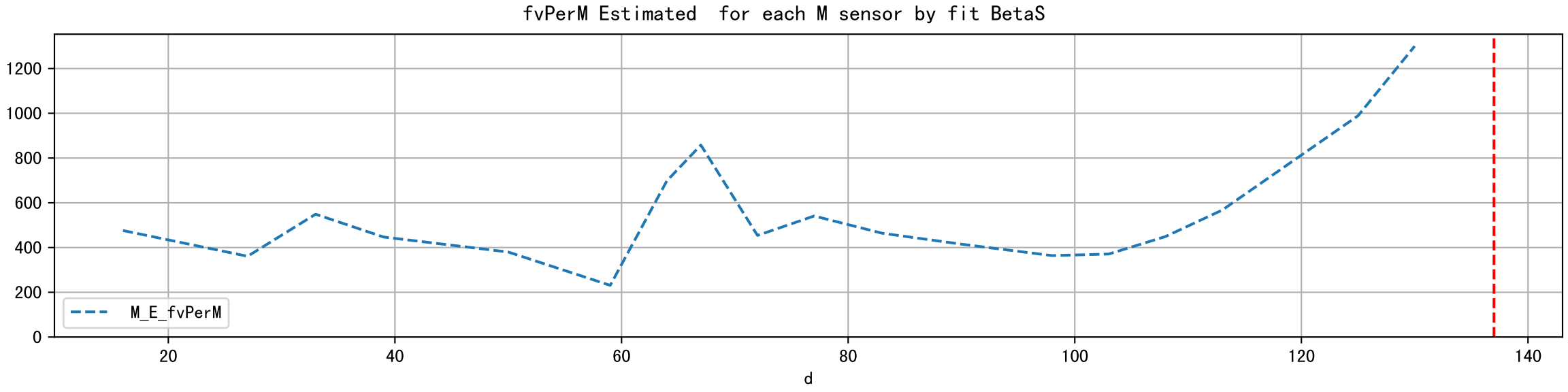

M_E d16 ([25.0, 4.1, -9.0] fdu=44.0
[0.89, 10.0, 6.0, 32.29, 0.97]
M_E d27 ([36.0, 5.4, -10.0] fdu=65.0
[0.97, 24.61, 6.0, 31.76, 1.0]
M_E d33 ([19.0, 7.8, -2.0] fdu=42.0
[1.04, 10.0, 18.93, 10.1, 1.0]
M_E d33 ([19.0, 7.8, -2.0] fdu=42.0
[1.04, 10.0, 18.93, 10.1, 1.0]
M_E d39 ([30.0, 3.4, -13.0] fdu=53.0
[0.97, 10.35, 6.0, 44.9, 1.0]
M_E d50 ([28.0, 5.5, -7.0] fdu=41.0
[0.96, 11.45, 6.0, 25.48, 1.0]
M_E d50 ([28.0, 5.5, -7.0] fdu=41.0
[0.96, 11.45, 6.0, 25.48, 1.0]
M_E d59 ([26.0, 10.7, -4.0] fdu=28.0
[0.94, 10.0, 6.0, 11.15, 0.93]
M_E d59 ([26.0, 10.7, -4.0] fdu=28.0
[0.94, 10.0, 6.0, 11.15, 0.93]
M_E d64 ([13.0, 14.6, 1.0] fdu=37.0
[0.99, 11.77, 12.06, 6.0, 1.0]
M_E d67 ([29.0, 3.5, -14.0] fdu=62.0
[1.01, 15.16, 6.0, 47.29, 1.0]
M_E d72 ([22.0, 8.2, -4.0] fdu=40.0
[0.98, 13.64, 10.15, 13.72, 1.0]
M_E d77 ([36.0, 2.9, -19.0] fdu=72.0
[1.13, 14.53, 9.4, 60.0, 1.0]
M_E d83 ([17.0, 15.2, -1.0] fdu=33.0
[1.03, 11.04, 11.41, 6.0, 1.0]
M_E d90 ([28.0, 6.9, -8.0] fdu=38.0
[0.97, 12.64, 6.0, 20.64, 1.0]
M_E d98 ([26.0, 13.0, -4.0] fdu=38.0
[1.04, 16.11, 6.0, 11.81, 1.0]
M_E d103 ([42.0, 5.3, -11.0] fdu=48.0
[0.94, 16.41, 6.0, 28.23, 1.0]
M_E d108 ([27.0, 7.1, -6.0] fdu=44.0
[1.0, 13.47, 17.44, 12.3, 1.0]
M_E d113 ([35.0, 4.9, -12.0] fdu=70.0
[1.03, 25.69, 7.33, 35.67, 1.0]
M_E d125 ([22.0, 6.3, -5.0] fdu=75.0
[0.97, 30.0, 6.51, 28.02, 0.99]

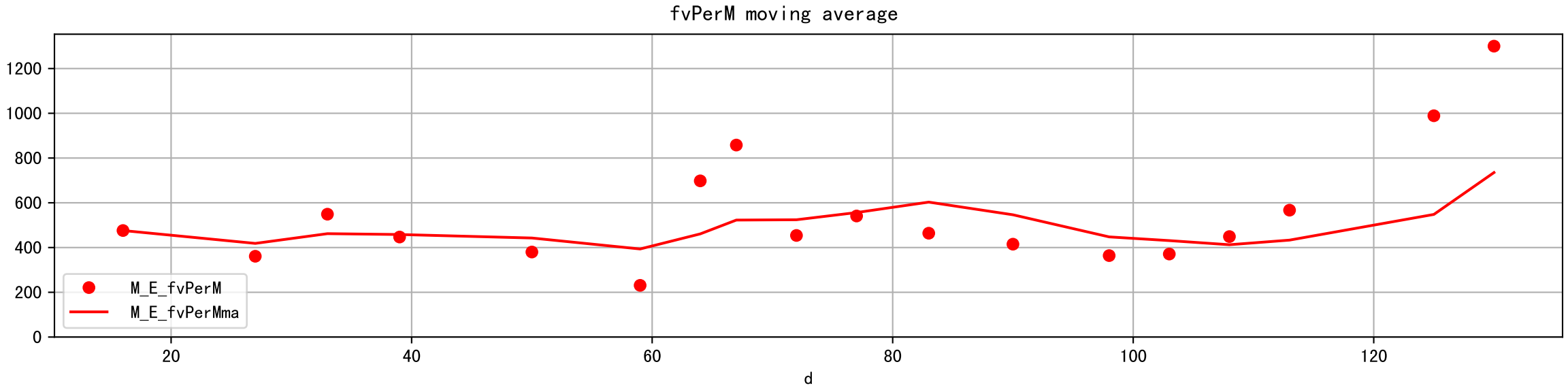

M_E d130 ([20.0, 4.2, -6.0] fdu=85.0
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
[0.96, 30.0, 14.33, 31.65, 0.99]

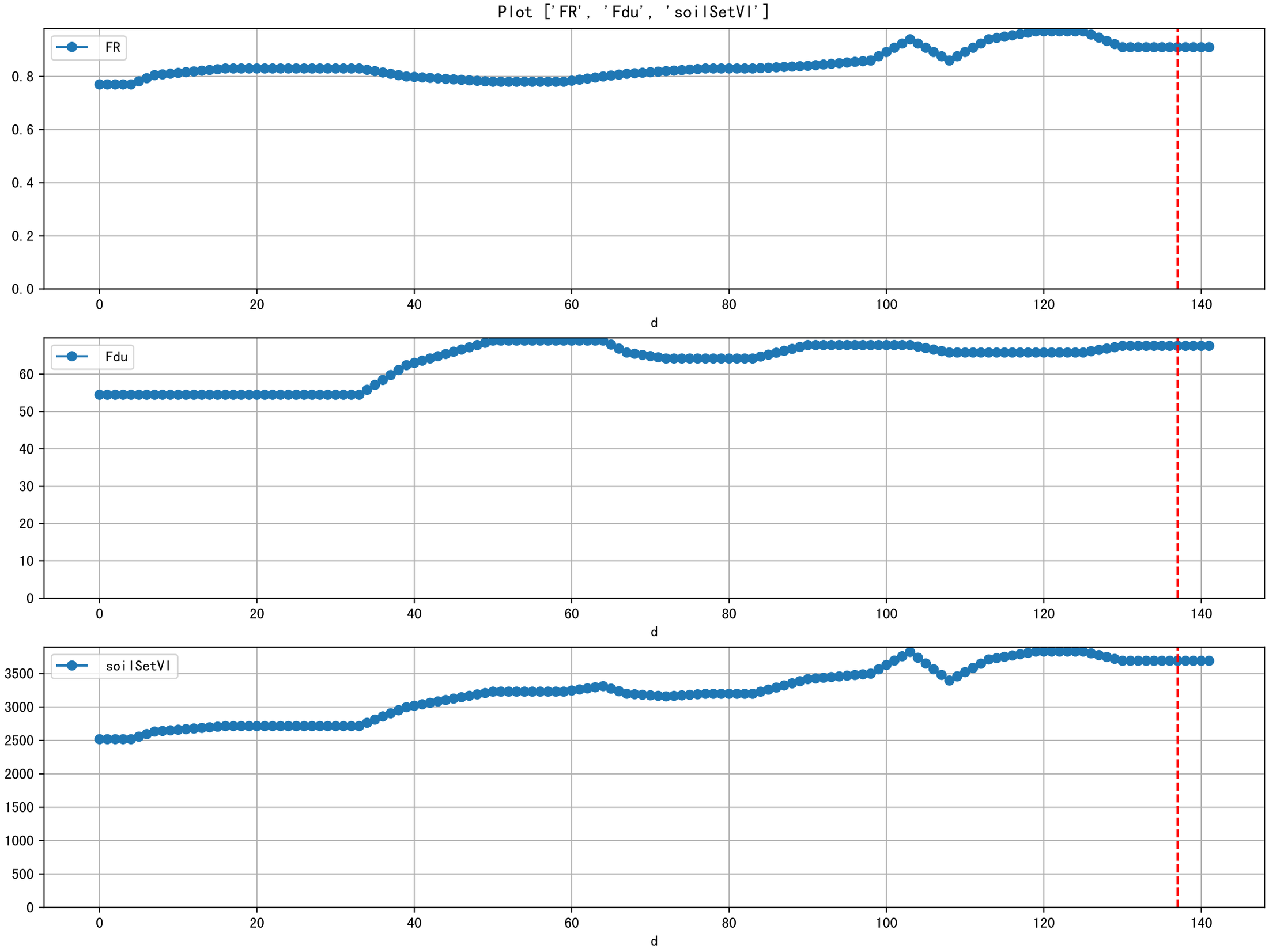

Fdu, duBegFit, and duBeg moving average
M_E_fdu
M_E_duBegFit
M_E_duBeg
0
20
40
60
80
20
40
60
80
100
120
d

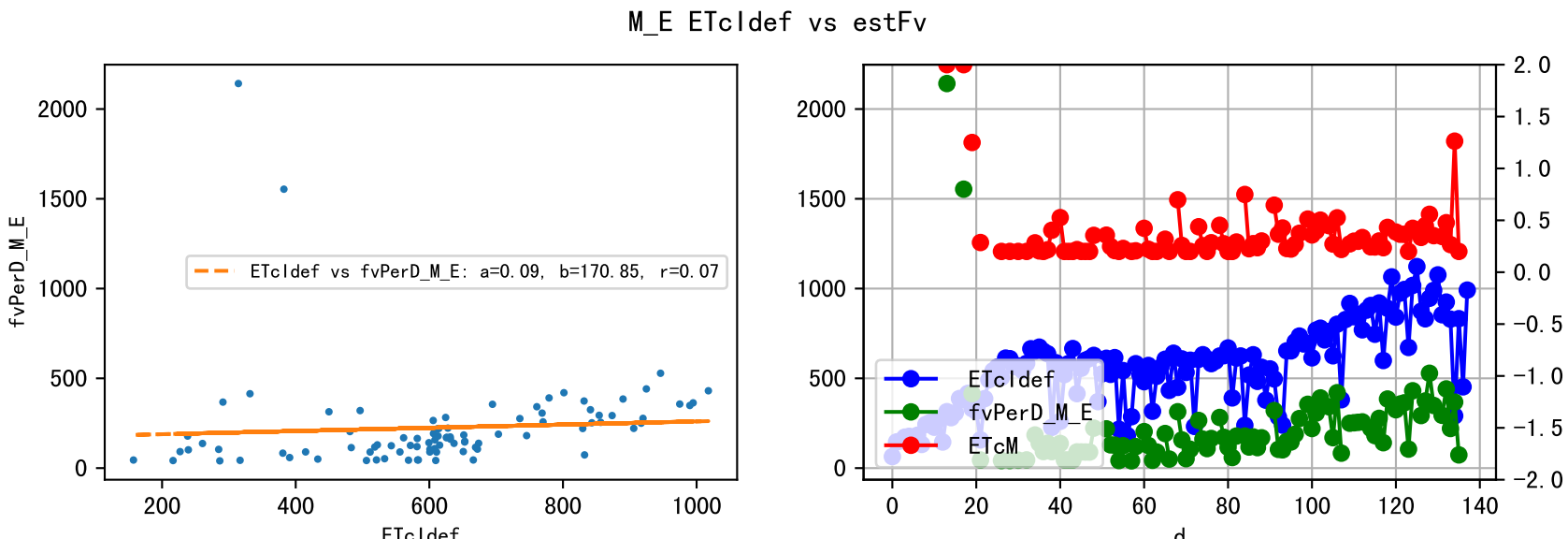

FduBeg (Estimated from BetaS fit)
35
30
25
20
15
10
5
0
20
40
60
80
100
120
140
d
M_E_duBegFitma
Warning: col ['FduBegFit'] is missing

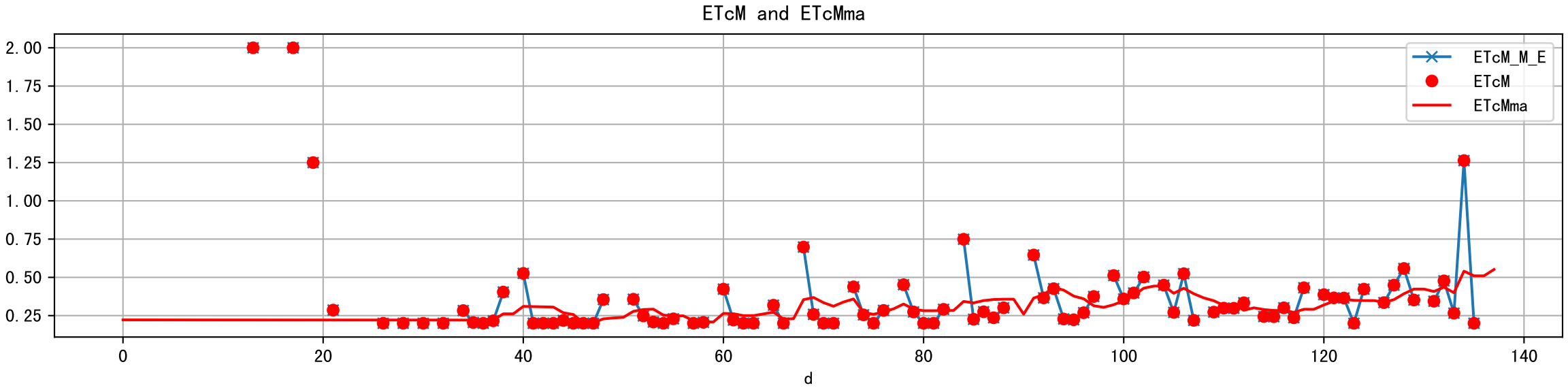

Fdu (Estimated from BetaS fit
M_E_fduma
Fdu_raw
Fdu
0
20
40
60
80
100
120
140
d


fvPerM Estimated for each M sensor by fit BetaS
1200
1000
800
600
400
200
0
20
40
60
80
100
120
140
d
M_E_fvPerM

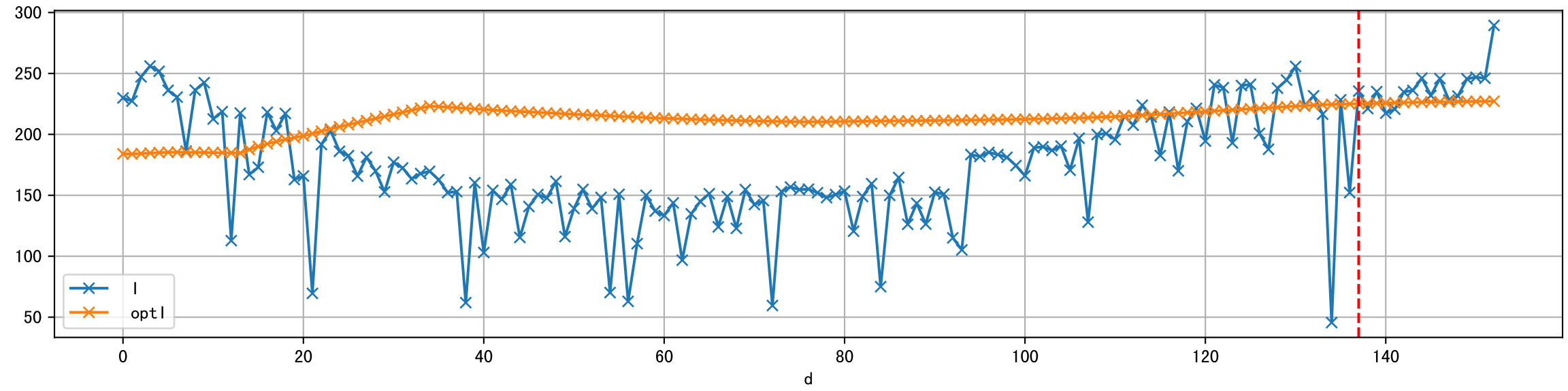

fvPerM moving average
1200
1000
800
600
400
200
0
20
40
60
80
100
120
d
M_E_fvPerM
M_E_fvPerMma

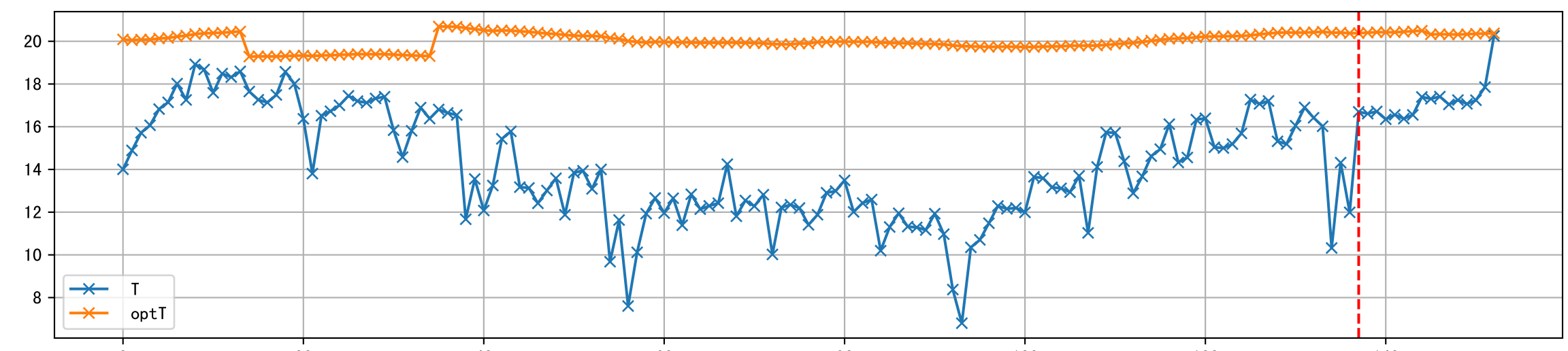

Plot ['FR', 'Fdu', 'soilSetVI']
FR
0.0
0.2
0.4
0.6
0.8
0
20
40
60
80
100
120
140
d
Fdu
0
10
20
30
40
50
60
0
20
40
60
80
100
120
140
d
soilSetVI
0
500
1000
1500
2000
2500
3000
3500
0
20
40
60
80
100
120
140
d

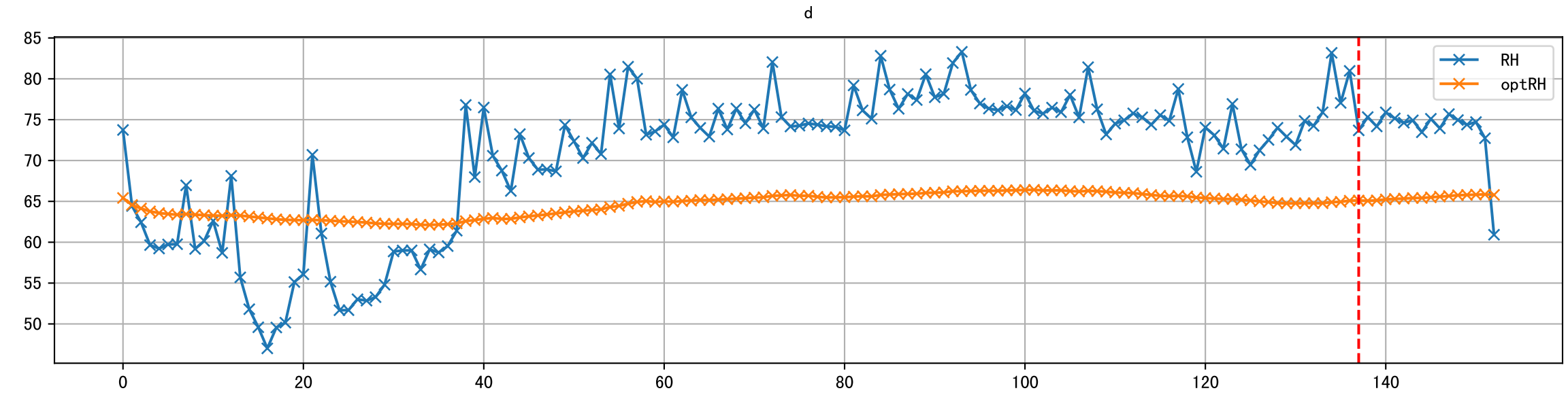

M_E ETcIdef vs estFv
fvPerD_M_E
ETcIdef
ETcIdef vs fvPerD_M_E: a=0.09, b=170.85, r=0.07
ETcIdef
fvPerD_M_E
ETcM
d

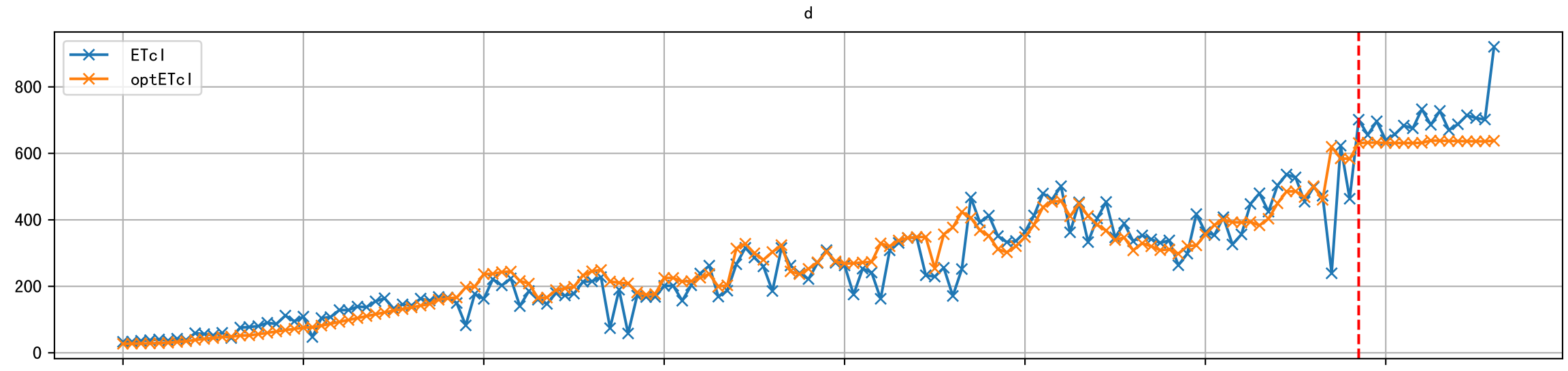

ETcM and ETcMma
ETcM_M_E
ETcM
ETcMma
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0
20
40
60
80
100
120
140
d

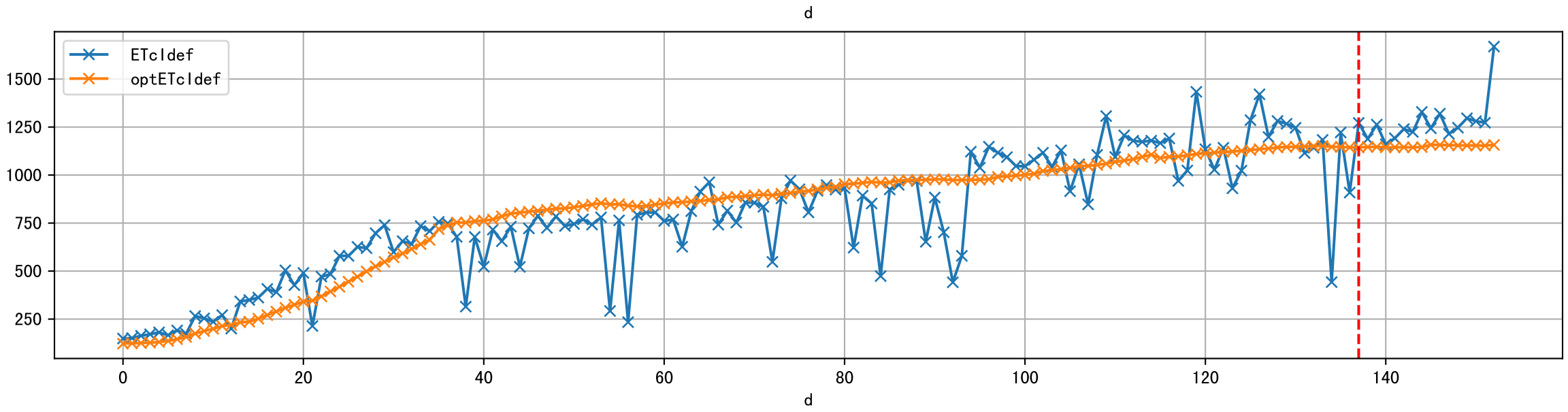
I'], ['T', 'optT'], ['RH', 'optRH'], ['ETcI', 'optETcI'], ['ETcIdef', 'optETcIdef'], ['ETo', 'optETo'], 'LAI', ['optEtRate', 'optEtRateDef', '

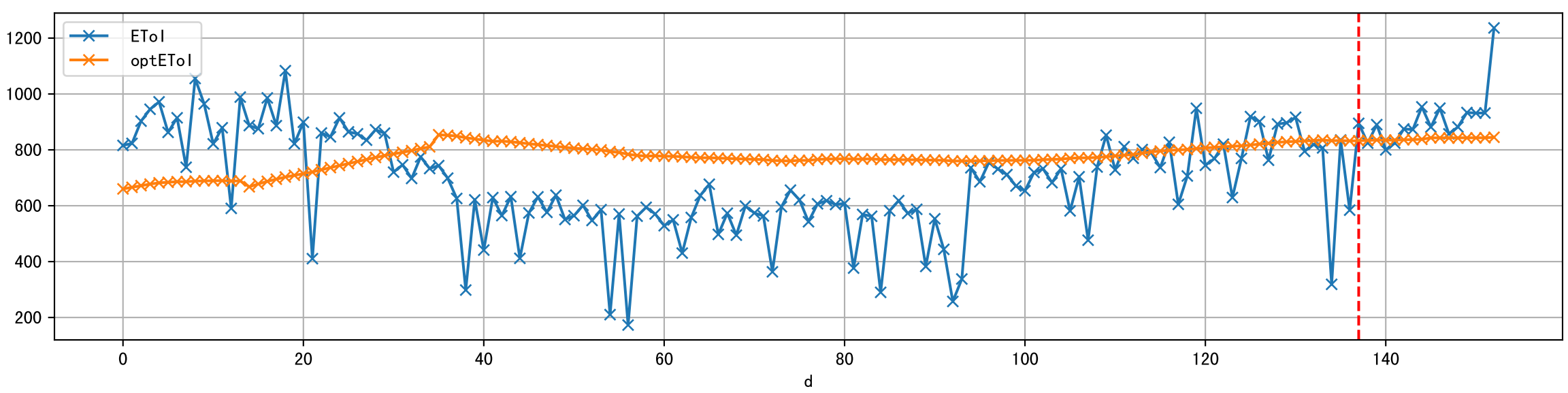


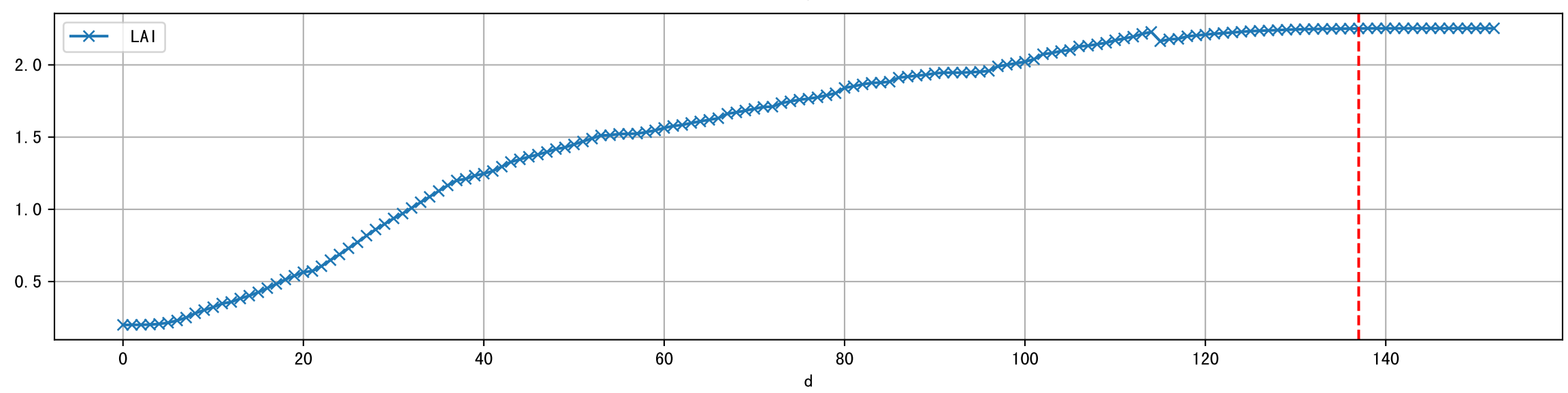


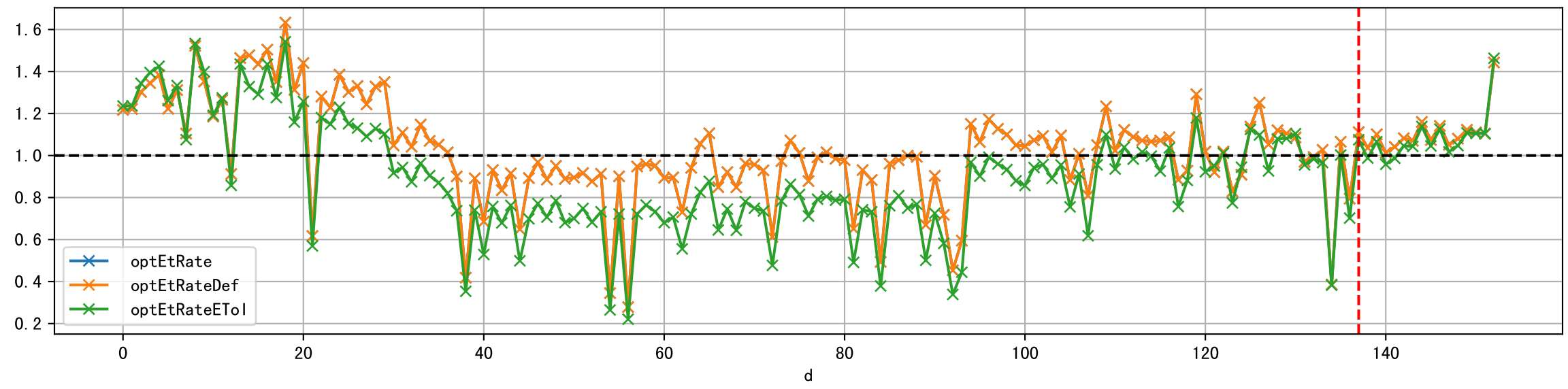


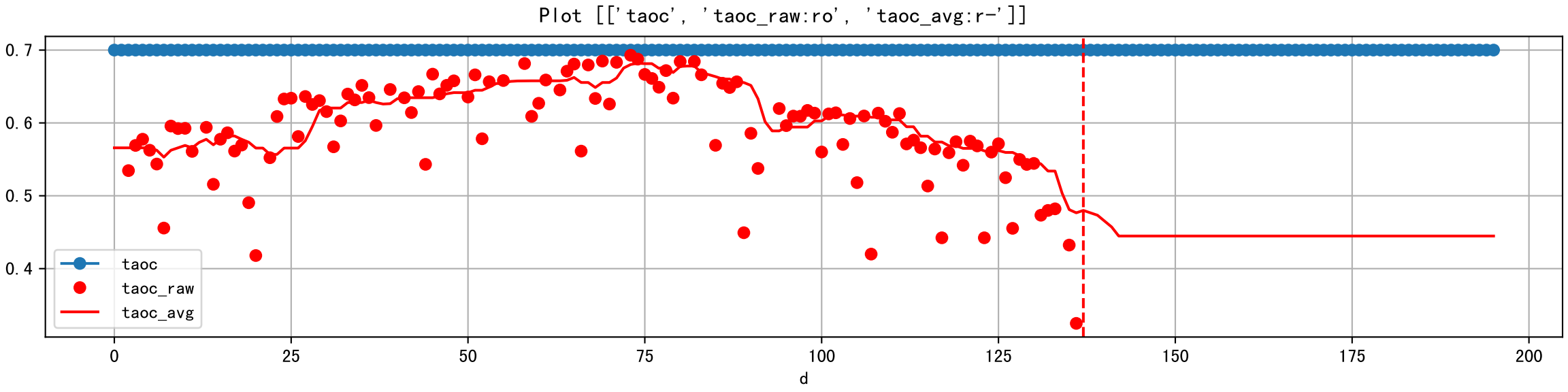




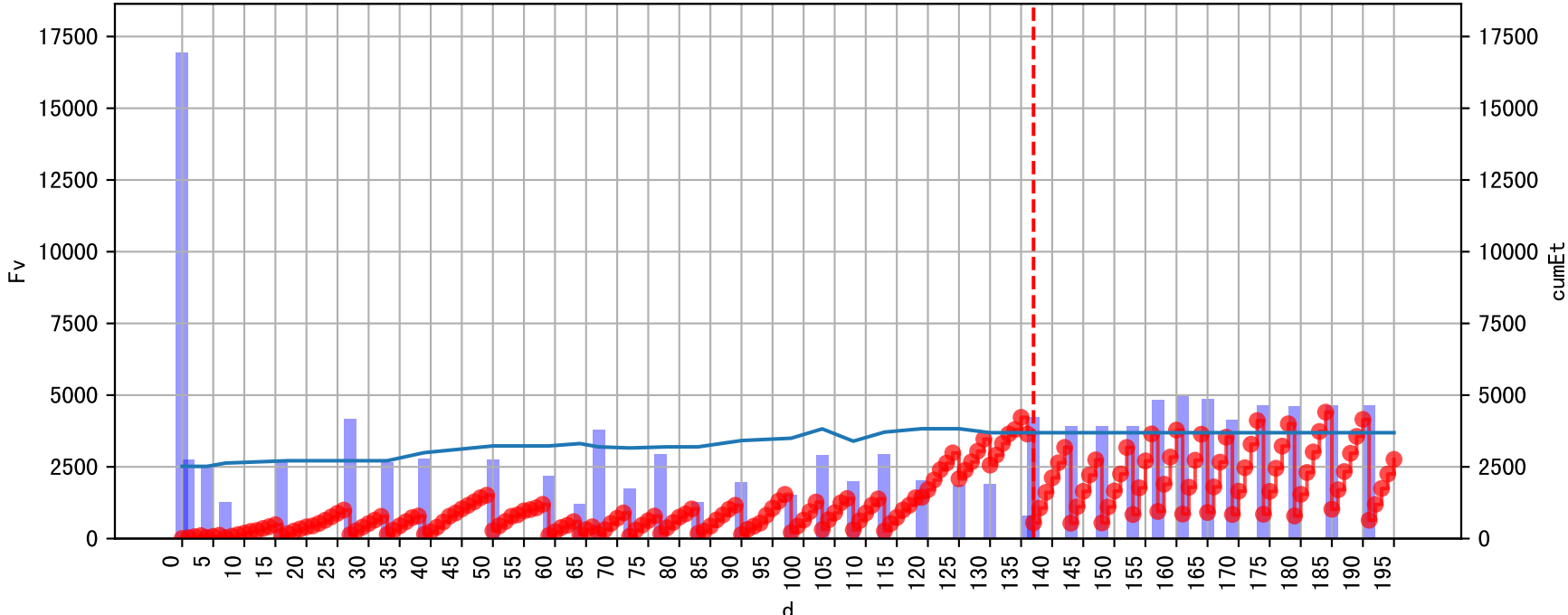


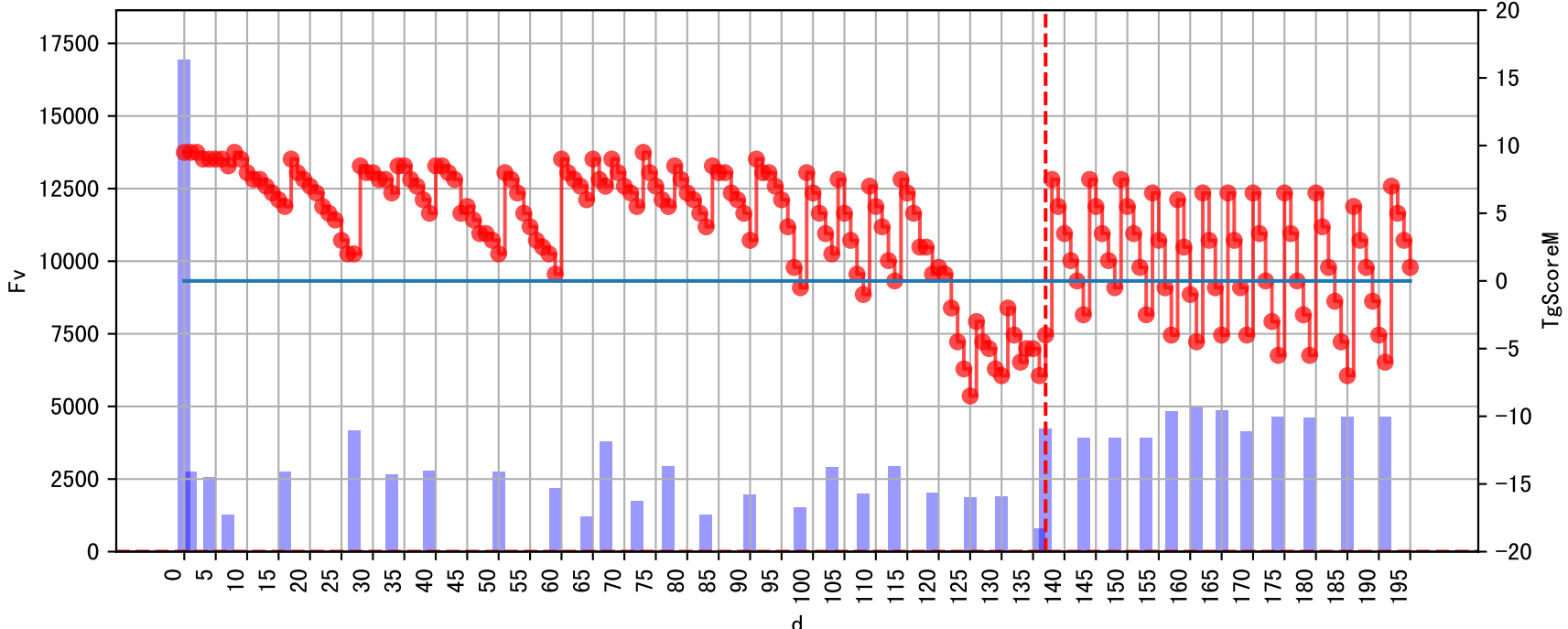




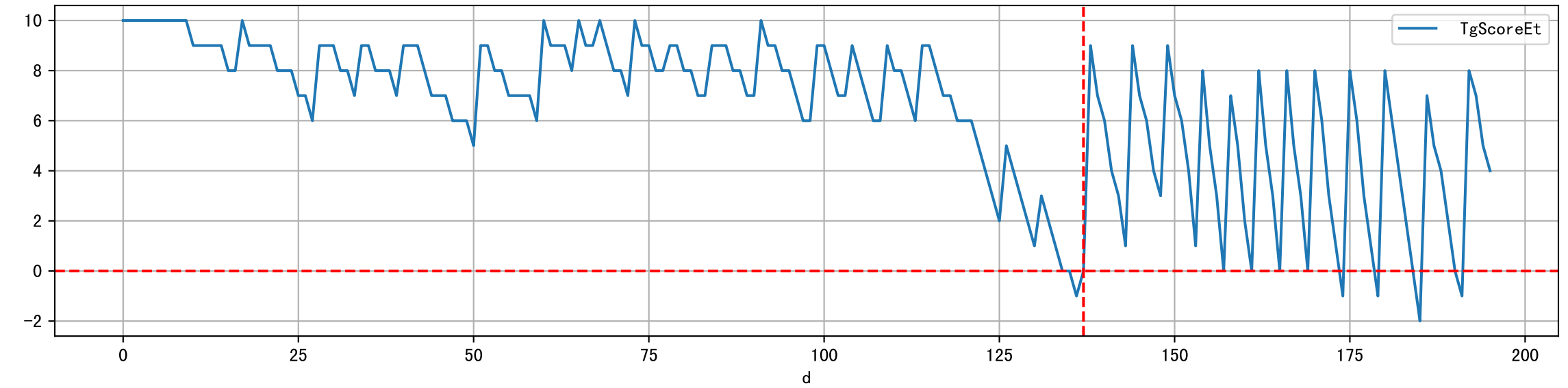

Plot [['taoc', 'taoc_raw:ro', 'taoc_avg:r-']]
0.7
0.6
0.5
0.4
taoc
taoc_raw
taoc_avg
0
25
50
75
100
125
150
175
200
d

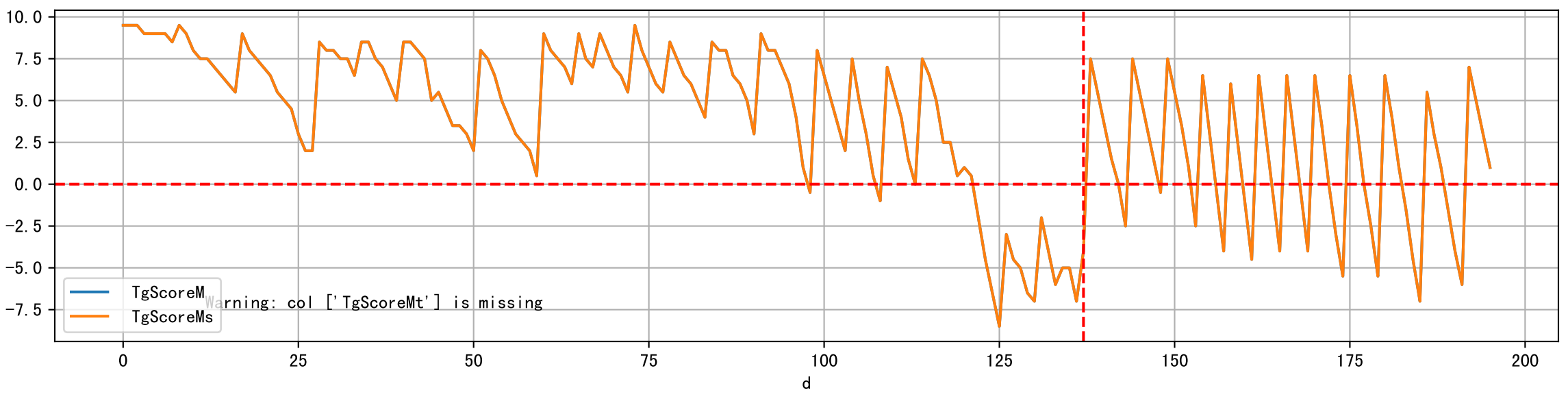
	d	note	fz	fzStockID	expFDF	expEC	preDu	fzDu	postDu	fzSt
:00:00	127.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	128.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	129.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	130.0	如期灌溉，灌溉透支1368ml/株	丰码有品果期肥	1103.0	100.0	1980.0	300.0	1493.0	300.0	
:00:00	131.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	132.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	133.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	134.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	135.0	假设未如期灌溉	丰码有品果期肥		nan	nan	0.0	0.0	0.0	
:00:00	136.0	如期灌溉但量少，灌溉透支2676ml/株	丰码有品果期肥	1117.0	100.0	3581.0	0.0	891.0	0.0	
:00:00	137.0	预期灌溉（原定计划），预期灌溉	丰码有品果期肥	1117	500.0	852.0	360.0	4005.0	300.0	
:00:00	143.0	预期灌溉	丰码有品果期肥	1117	500.0	845.0	360.0	3650.0	300.0	
:00:00	148.0	预期灌溉，土壤肥已过量，逐渐减肥	丰码有品果期肥	1117	500.0	845.0	360.0	3650.0	300.0	
:00:00	153.0	预期灌溉，土壤肥已过量，逐渐减肥	丰码有品果期肥	TBD	500.0	716.0	360.0	3650.0	300.0	

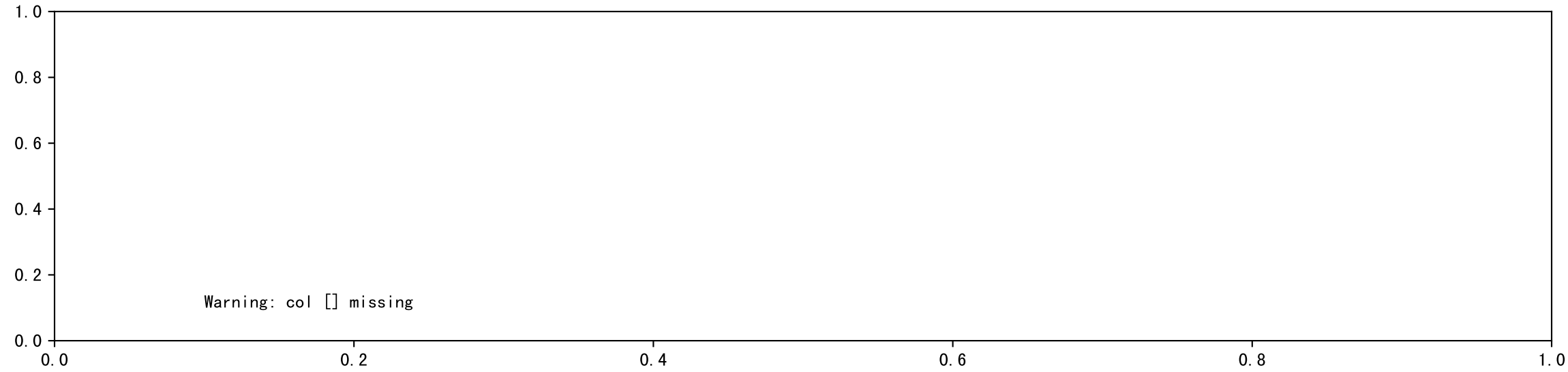

Fv
cumEt
0
2500
5000
7500
10000
12500
15000
17500
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

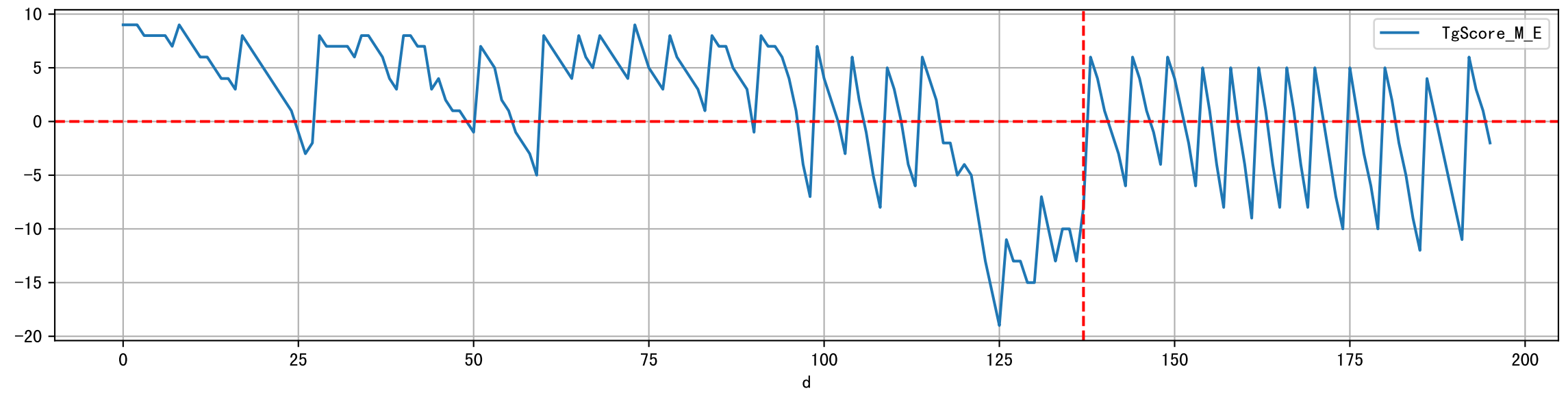

Fv
TgScoreM
17500
15000
12500
10000
7500
5000
2500
0
20
15
10
5
0
−5
−10
−15
−20
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195

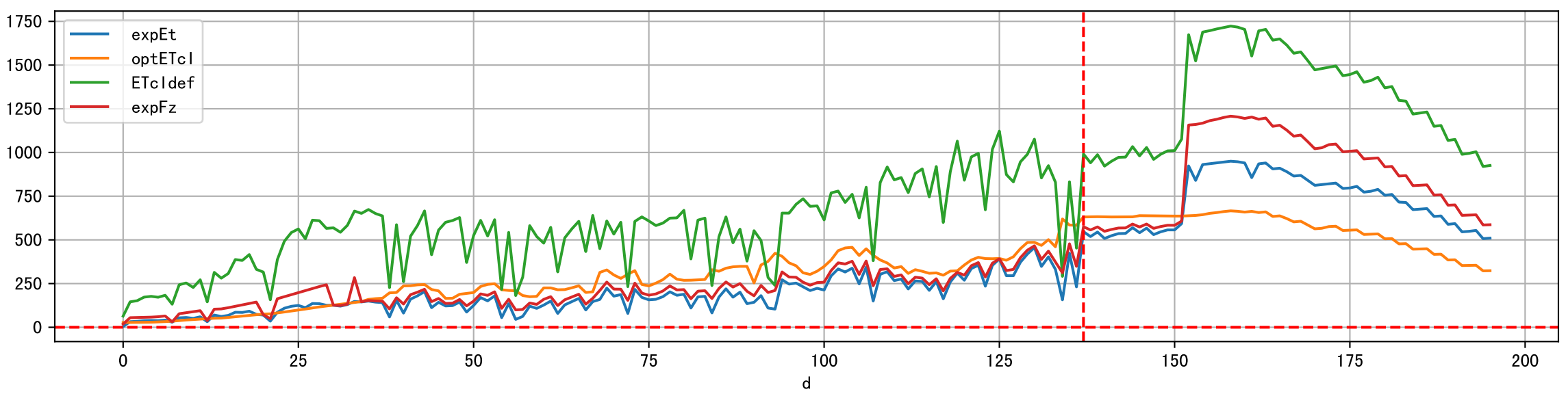
Fg Trigger Score (by Et and sensor)

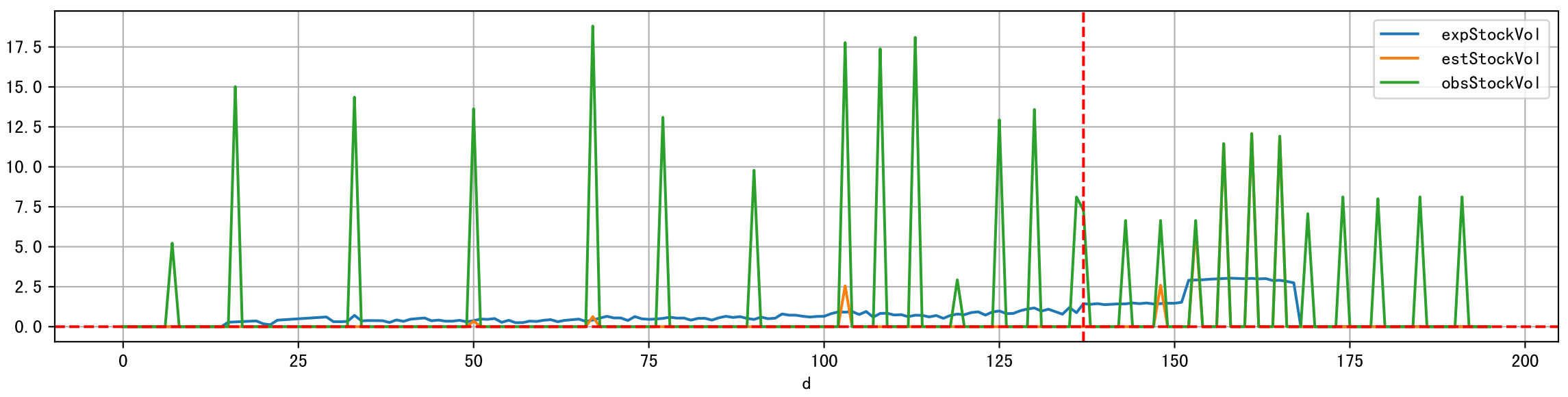




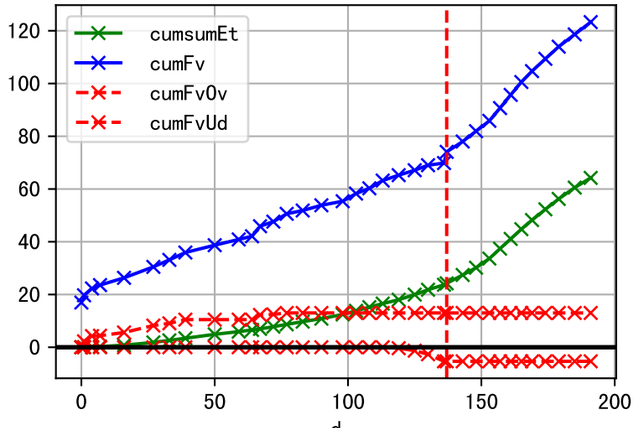


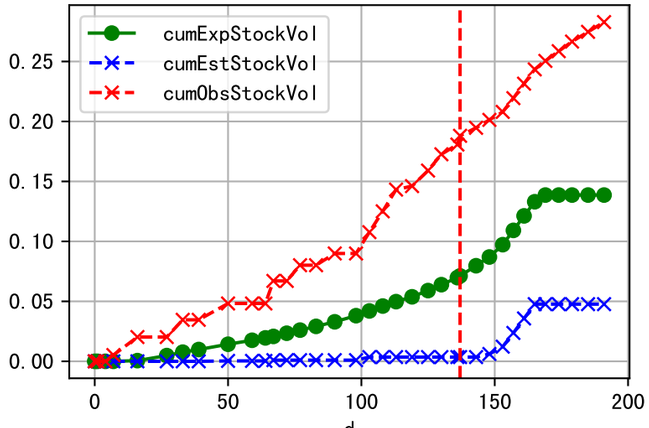


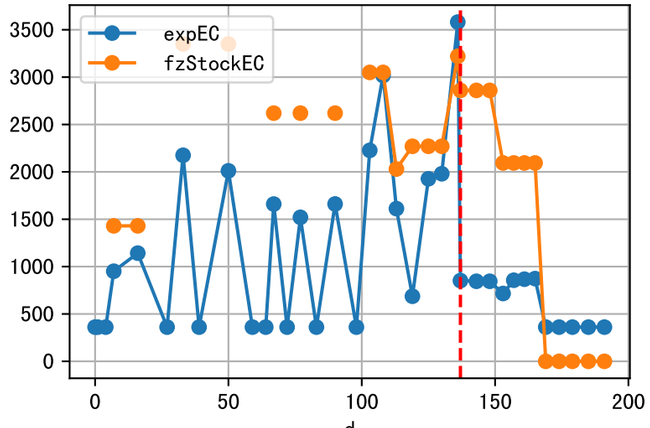


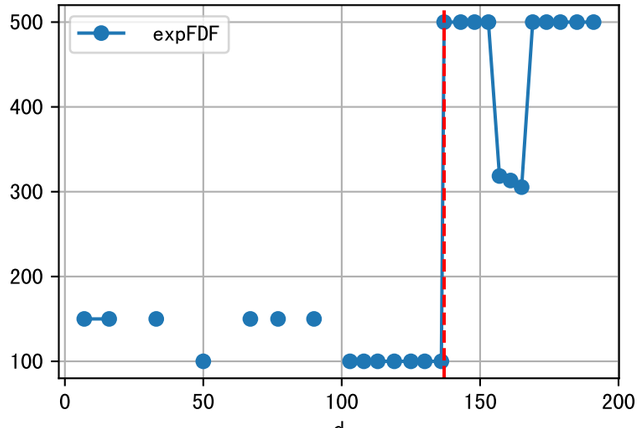


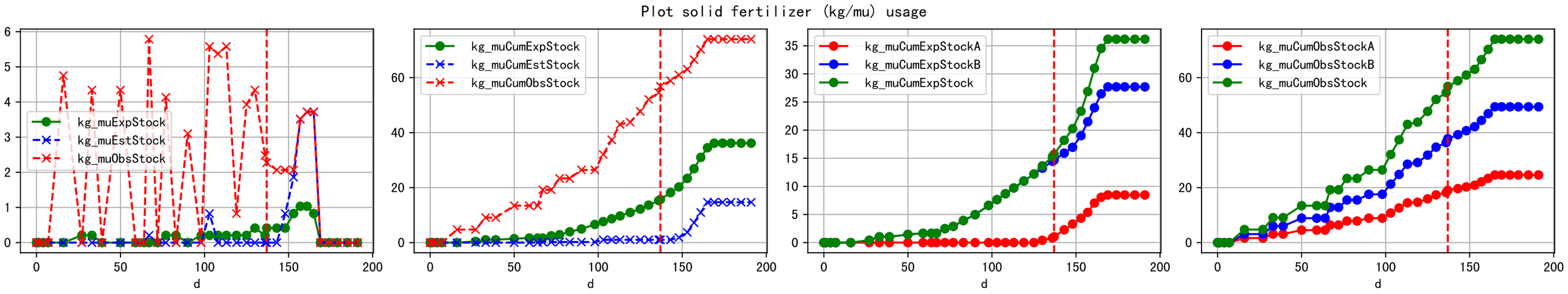
Plot liquid fertilizer usage

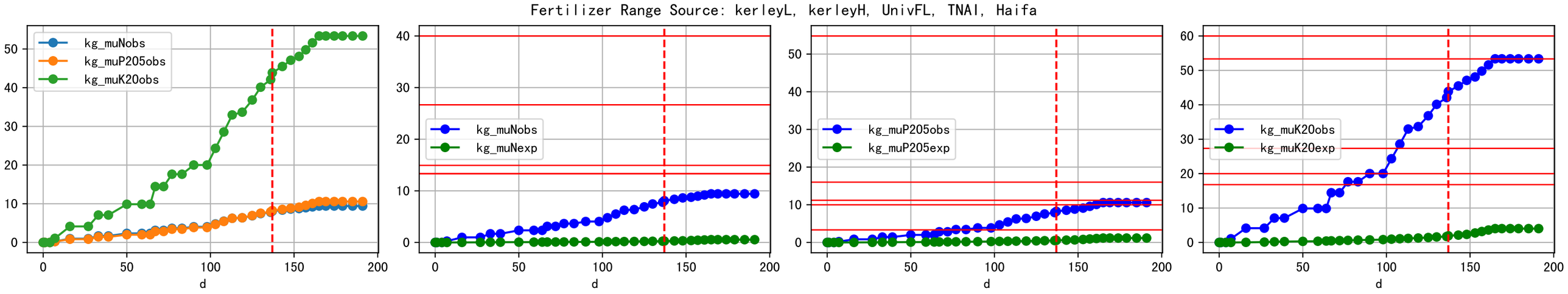









Plot solid fertilizer (kg/mu) usage
kg_muExpStock
kg_muEstStock
kg_muObsStock
kg_muCumExpStock
kg_muCumEstStock
kg_muCumObsStock
kg_muCumExpStockA
kg_muCumExpStockB
kg_muCumExpStock
kg_muCumObsStockA
kg_muCumObsStockB
kg_muCumObsStock
d
d
d
d


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