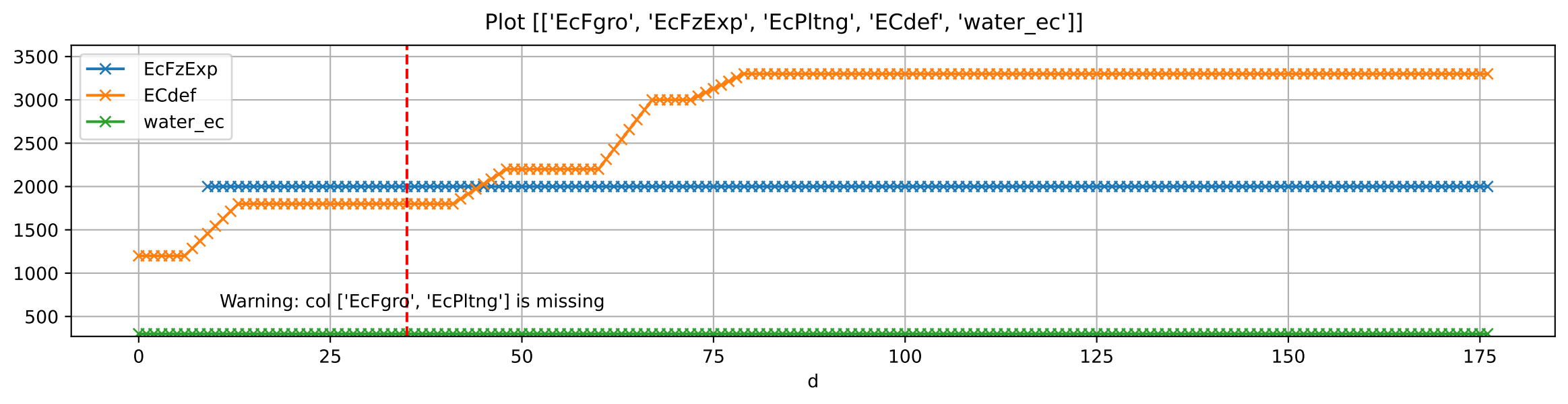
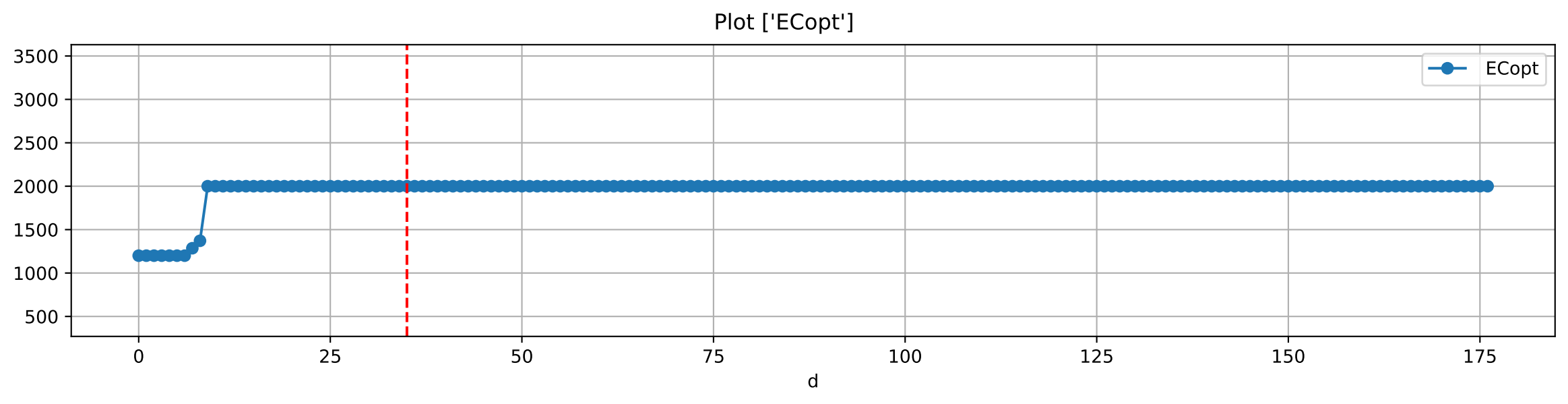
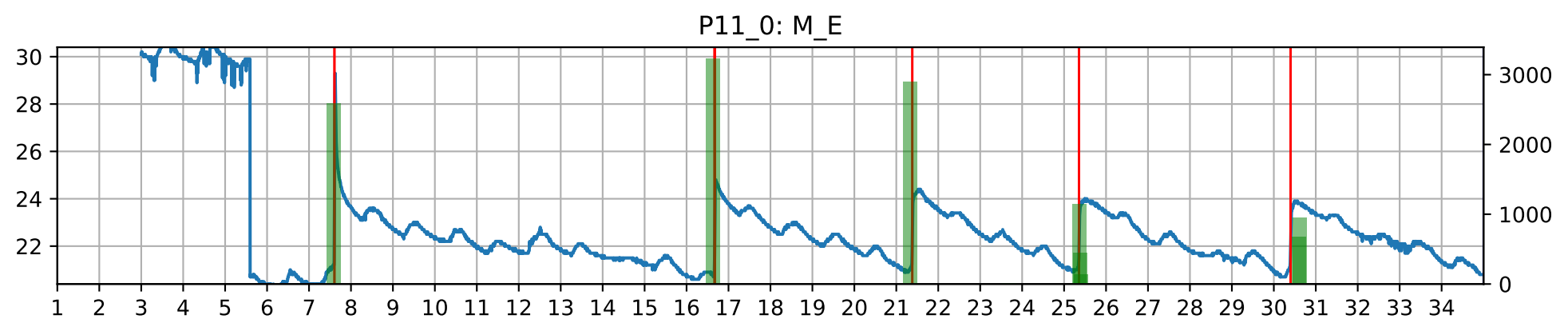
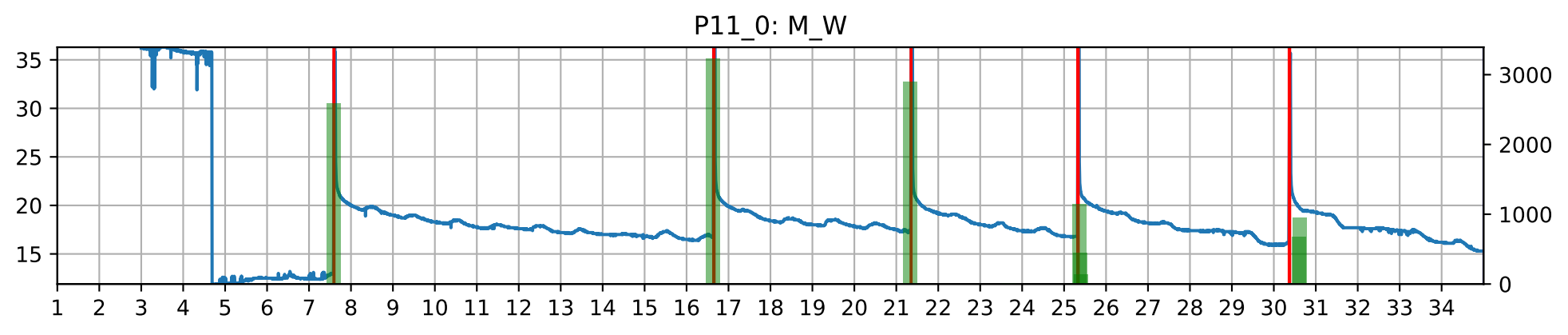
FgArea:
NC11 P11
2025-05-12 (Day 35)


Plot [['EcFgro', 'EcFzExp', 'EcPltng', 'ECdef', 'water_ec']]
EcFzExp
ECdef
water_ec
Warning: col ['EcFgro', 'EcPltng'] is missing
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

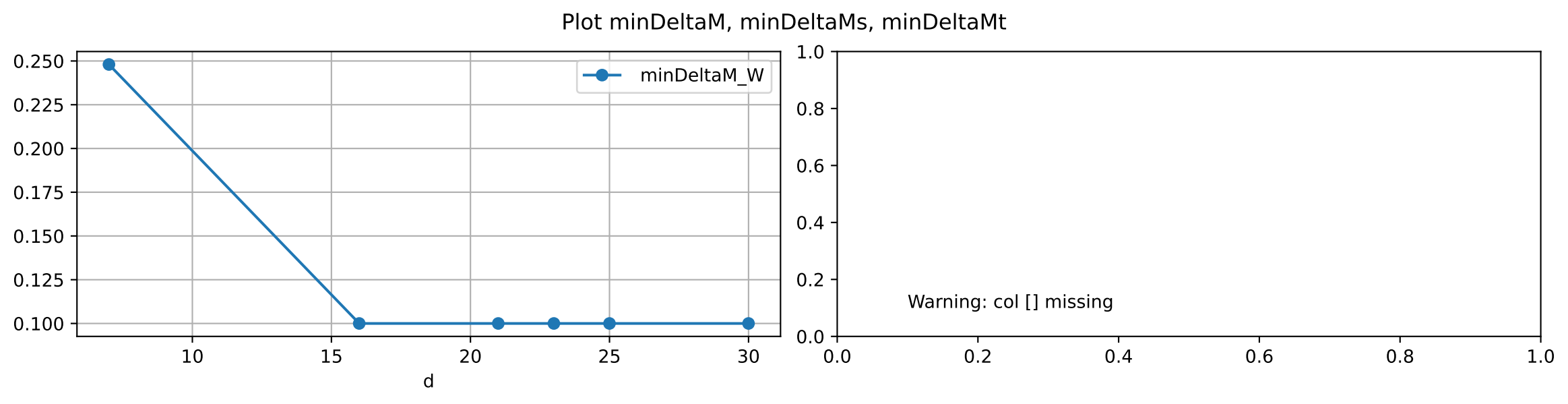

Plot ['ECopt']
ECopt
3500
3000
2500
2000
1500
1000
500
0
25
50
75
100
125
150
175
d

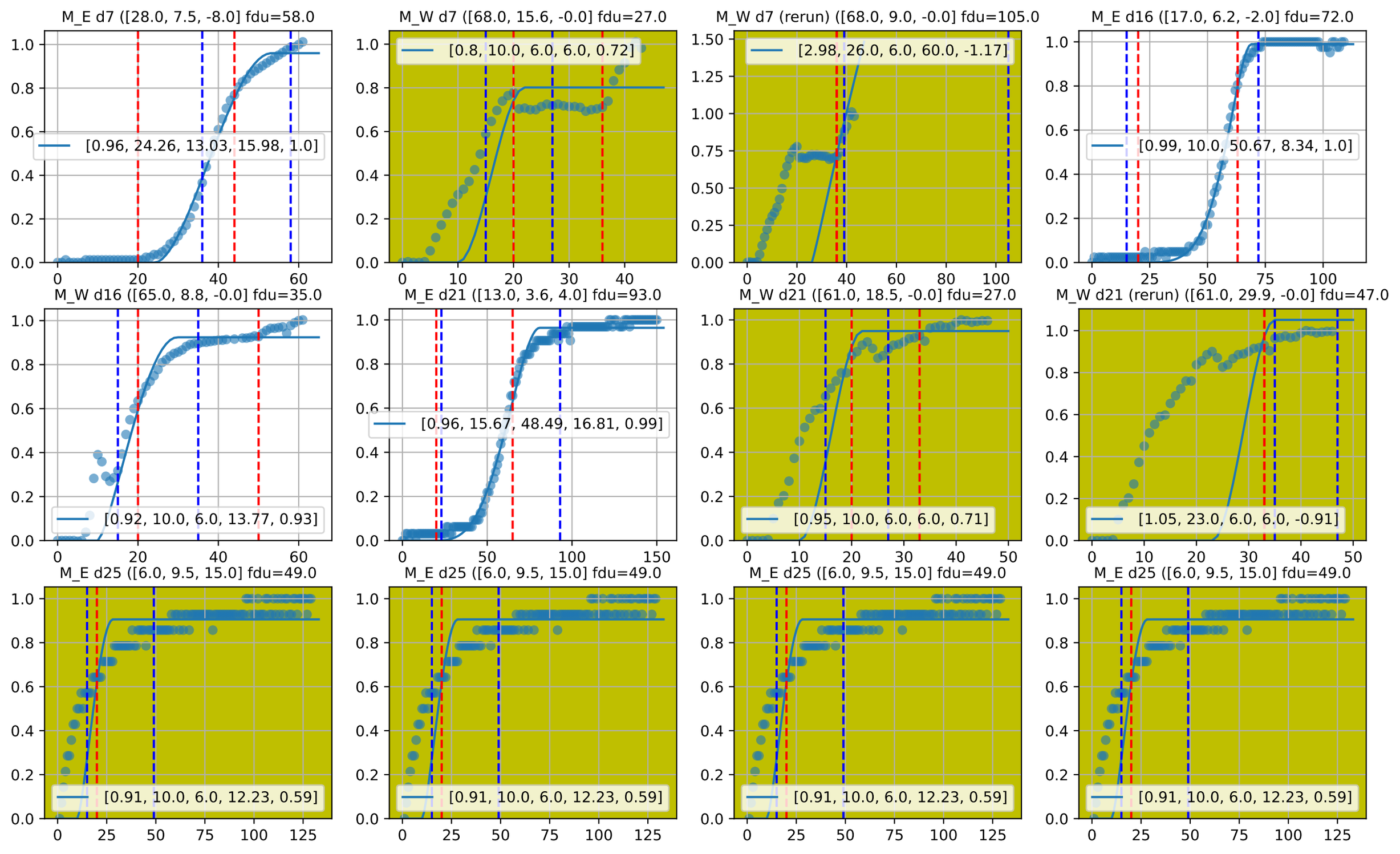

P11_0: M_E
30
28
26
24
22
3000
2000
1000
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

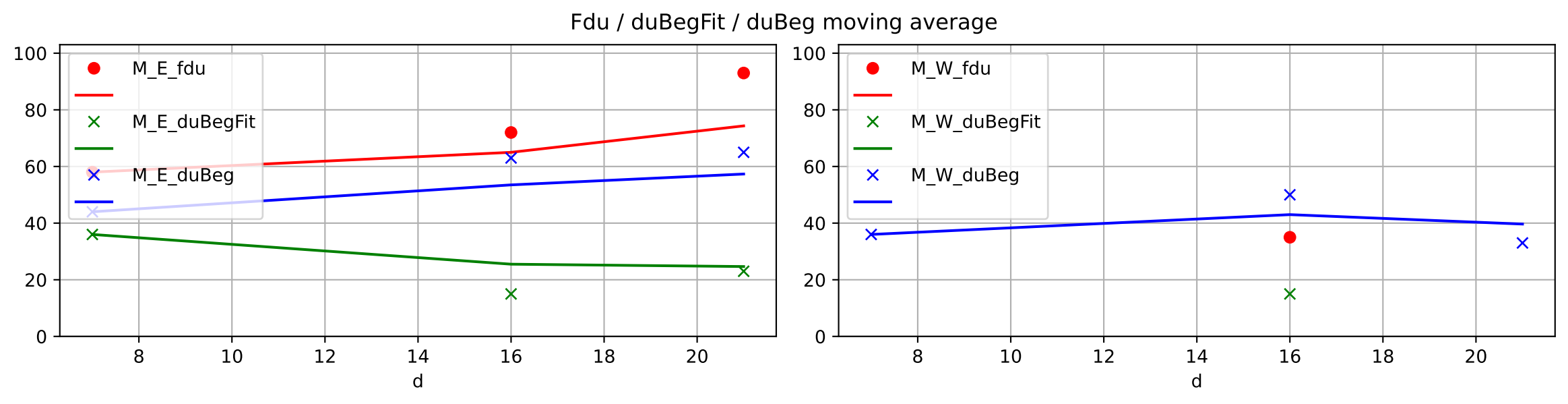

P11_0: M_W
35
30
25
20
15
3000
2000
1000
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

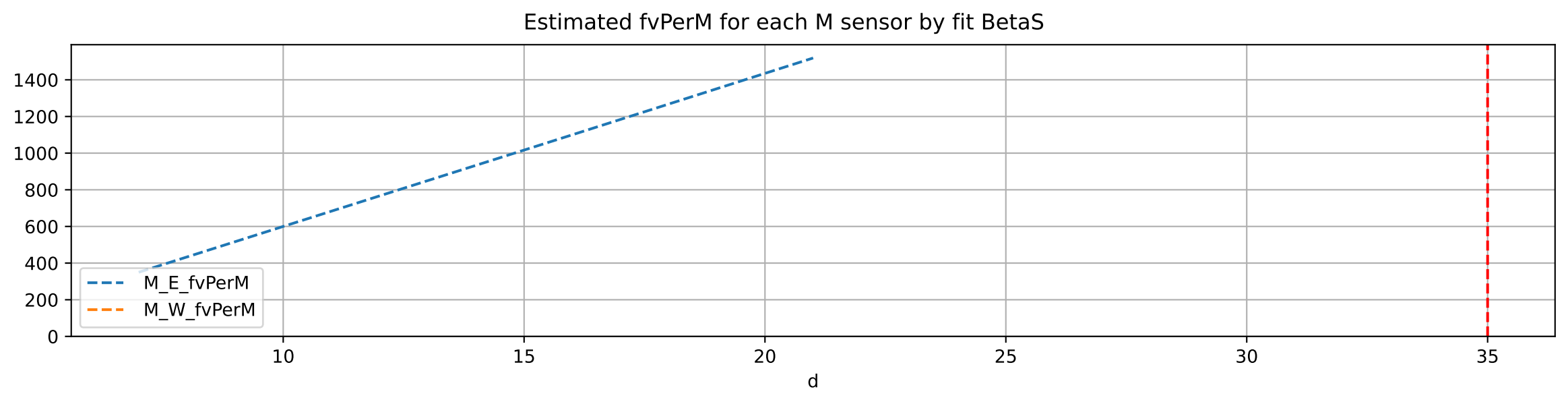
plot dfFv
fz_stock_ec
ECB
Warning: col ['ECC'] is missing
day
PHB*10%
Warning: col ['PHC'] is missing
day
DUC
day
FRV
day
FRC
day
FDF
day
FV_score
day

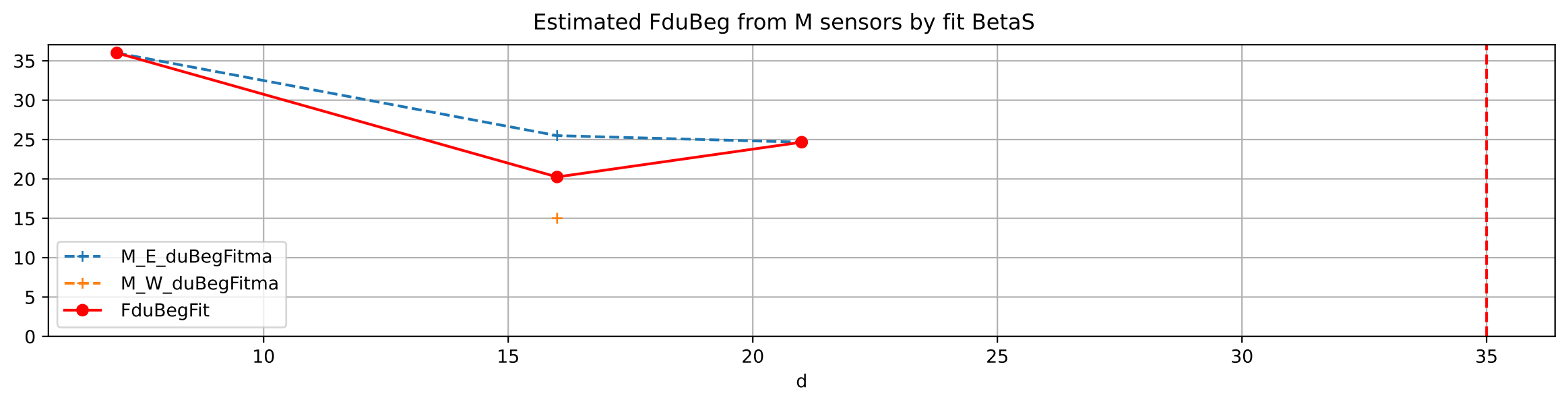
plot dfFv (daily Agg)
fz_stock_ec
ECB
Warning: col ['ECC'] is missing
day
PHB*10%
Warning: col ['PHC'] is missing
day
DUC
day
FRV
day
FRC
day
FDF
day
FV_score
day

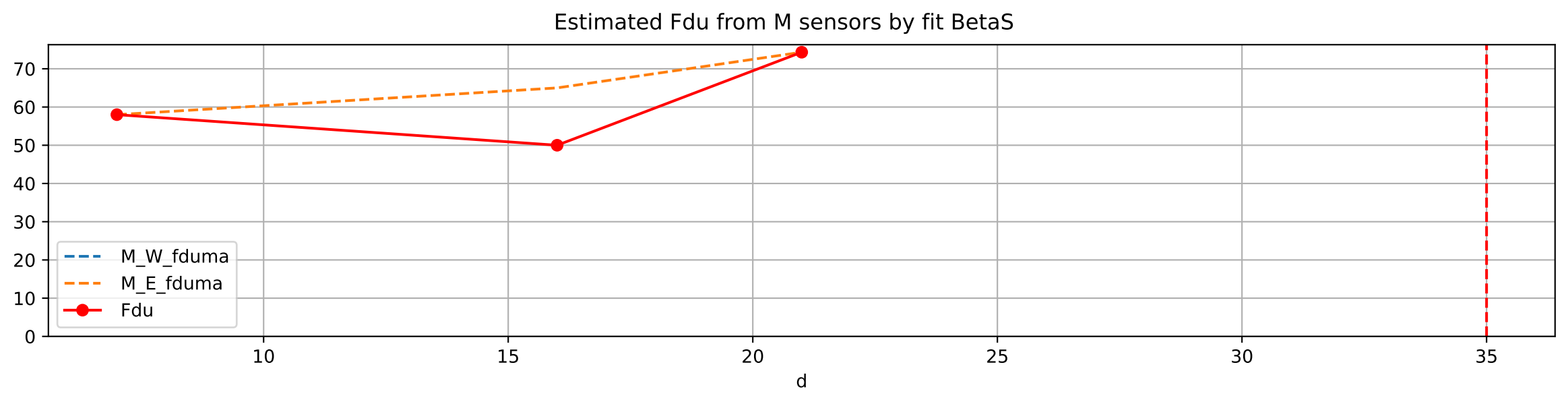

Plot minDeltaM, minDeltaMs, minDeltaMt
minDeltaM_W
0.250
0.225
0.200
0.175
0.150
0.125
0.100
10
15
20
25
30
d
1.0
0.8
0.6
0.4
0.2
0.0
Warning: col [] missing
0.0
0.2
0.4
0.6
0.8
1.0

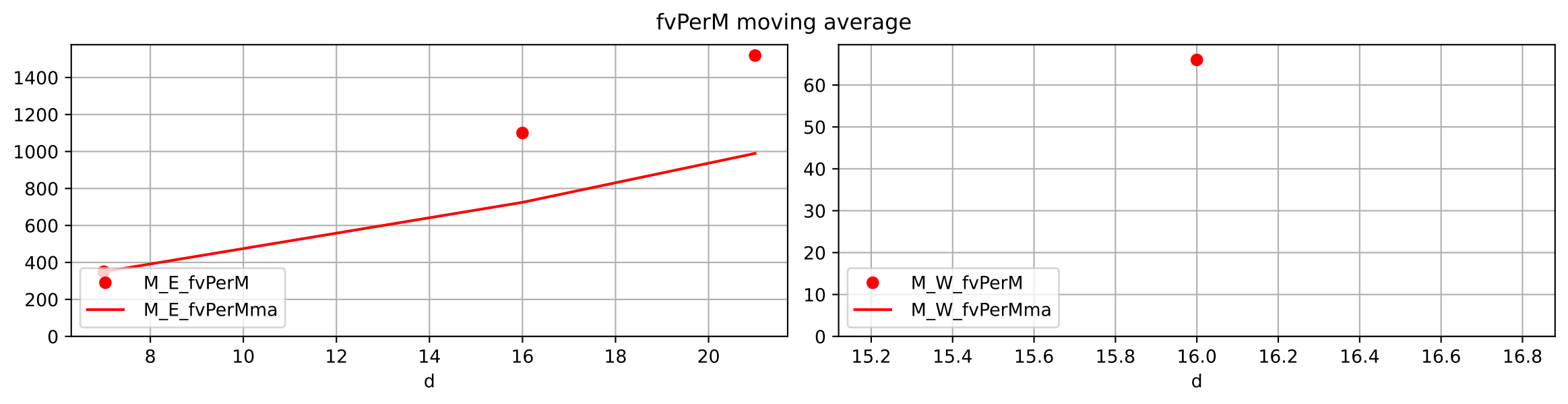

M_E d7 ([28.0, 7.5, -8.0] fdu=58.0
[0.96, 24.26, 13.03, 15.98, 1.0]
M_W d7 ([68.0, 15.6, -0.0] fdu=27.0
[0.8, 10.0, 6.0, 6.0, 0.72]
M_W d7 (rerun) ([68.0, 9.0, -0.0] fdu=105.0
[2.98, 26.0, 6.0, 60.0, -1.17]
M_E d16 ([17.0, 6.2, -2.0] fdu=72.0
[0.99, 10.0, 50.67, 8.34, 1.0]
M_W d16 ([65.0, 8.8, -0.0] fdu=35.0
[0.92, 10.0, 6.0, 13.77, 0.93]
M_E d21 ([13.0, 3.6, 4.0] fdu=93.0
[0.96, 15.67, 48.49, 16.81, 0.99]
M_W d21 ([61.0, 18.5, -0.0] fdu=27.0
[0.95, 10.0, 6.0, 6.0, 0.71]
M_W d21 (rerun) ([61.0, 29.9, -0.0] fdu=47.0
[1.05, 23.0, 6.0, 6.0, -0.91]
M_E d25 ([6.0, 9.5, 15.0] fdu=49.0
[0.91, 10.0, 6.0, 12.23, 0.59]
M_E d25 ([6.0, 9.5, 15.0] fdu=49.0
[0.91, 10.0, 6.0, 12.23, 0.59]
M_E d25 ([6.0, 9.5, 15.0] fdu=49.0
[0.91, 10.0, 6.0, 12.23, 0.59]
M_E d25 ([6.0, 9.5, 15.0] fdu=49.0
[0.91, 10.0, 6.0, 12.23, 0.59]

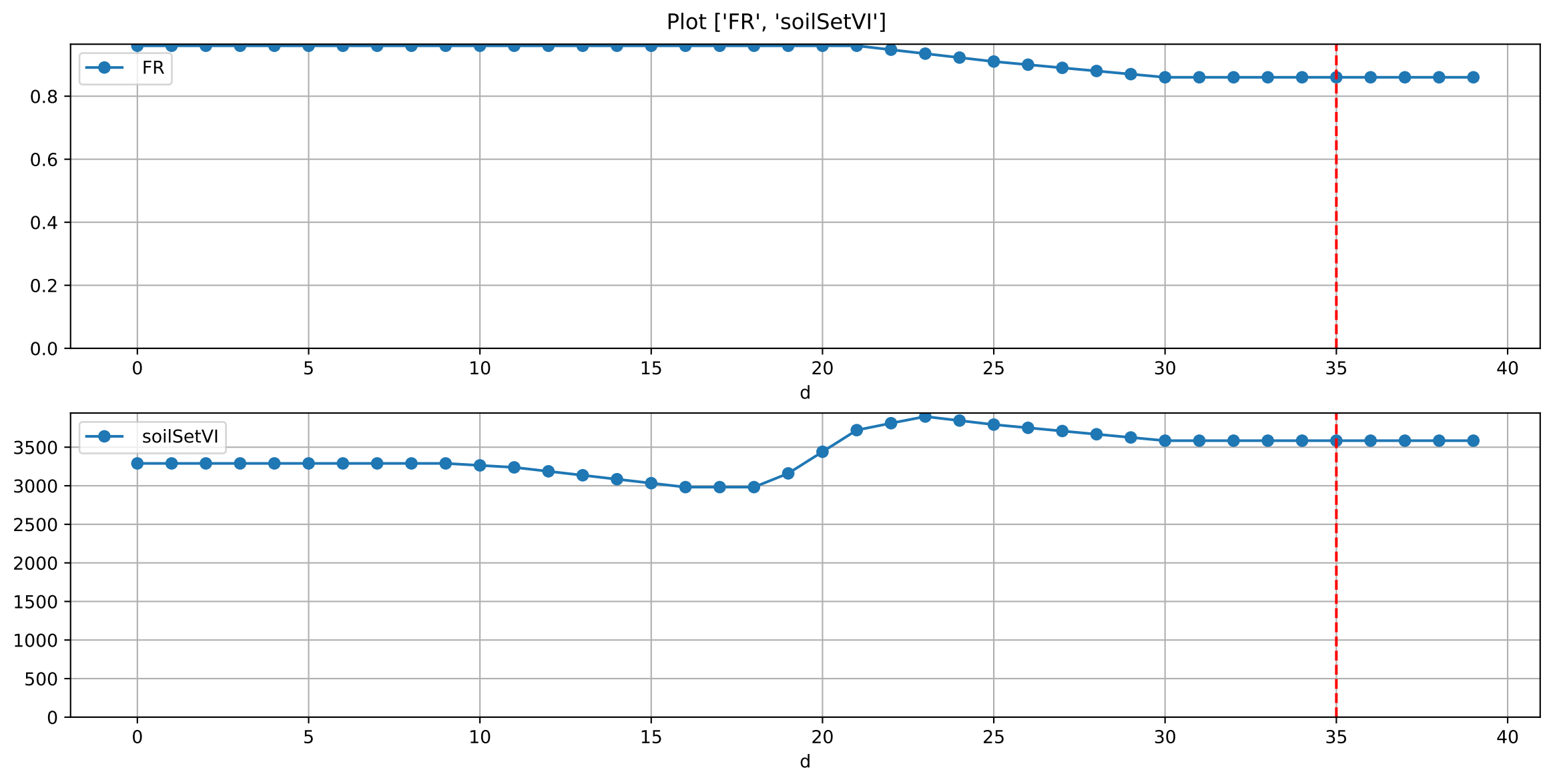

Fdu / duBegFit / duBeg moving average
M_E_fdu
M_E_duBegFit
M_E_duBeg
M_W_fdu
M_W_duBegFit
M_W_duBeg
d
d
0
20
40
60
80
100
8
10
12
14
16
18
20

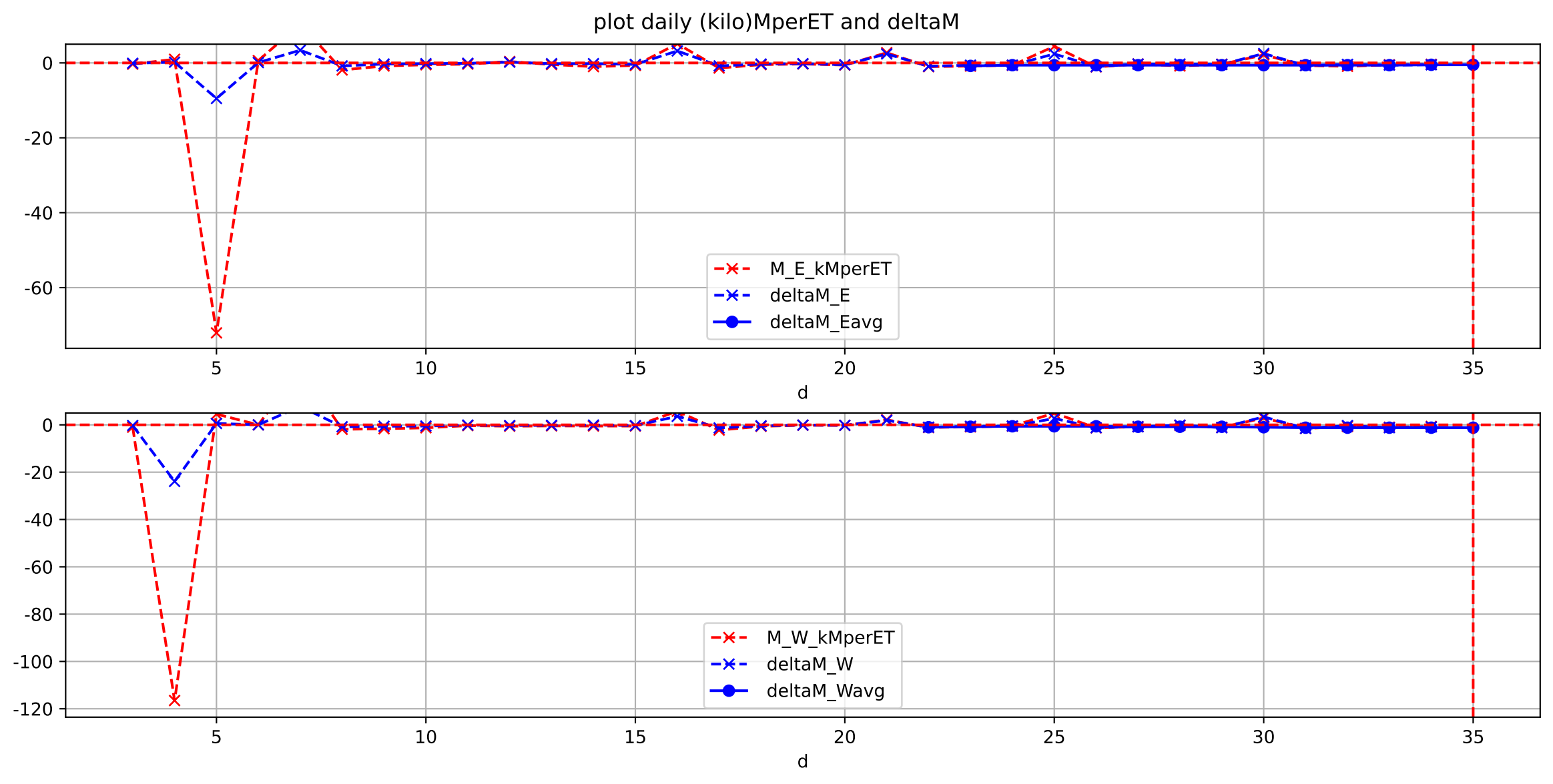

Estimated fvPerM for each M sensor by fit BetaS
1400
1200
1000
800
600
400
200
0
10
15
20
25
30
35
d
M_E_fvPerM
M_W_fvPerM

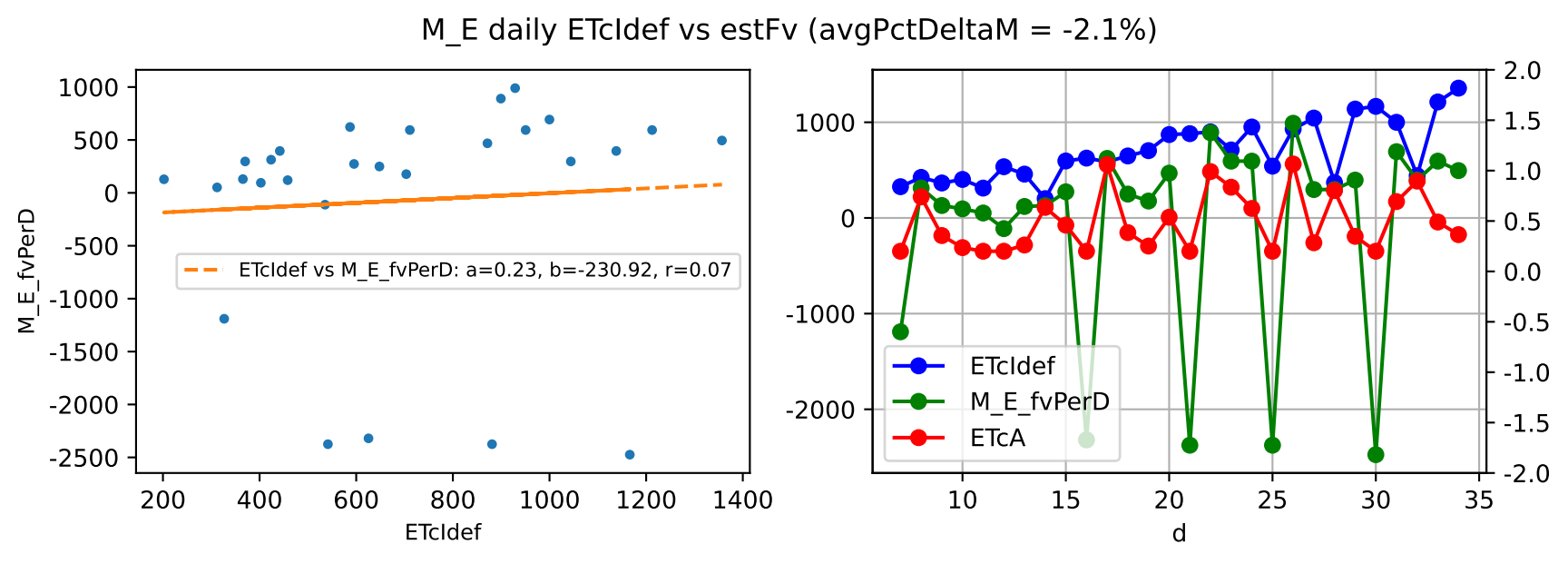

Estimated FduBeg from M sensors by fit BetaS
35
30
25
20
15
10
5
0
10
15
20
25
30
35
d
M_E_duBegFitma
M_W_duBegFitma
FduBegFit

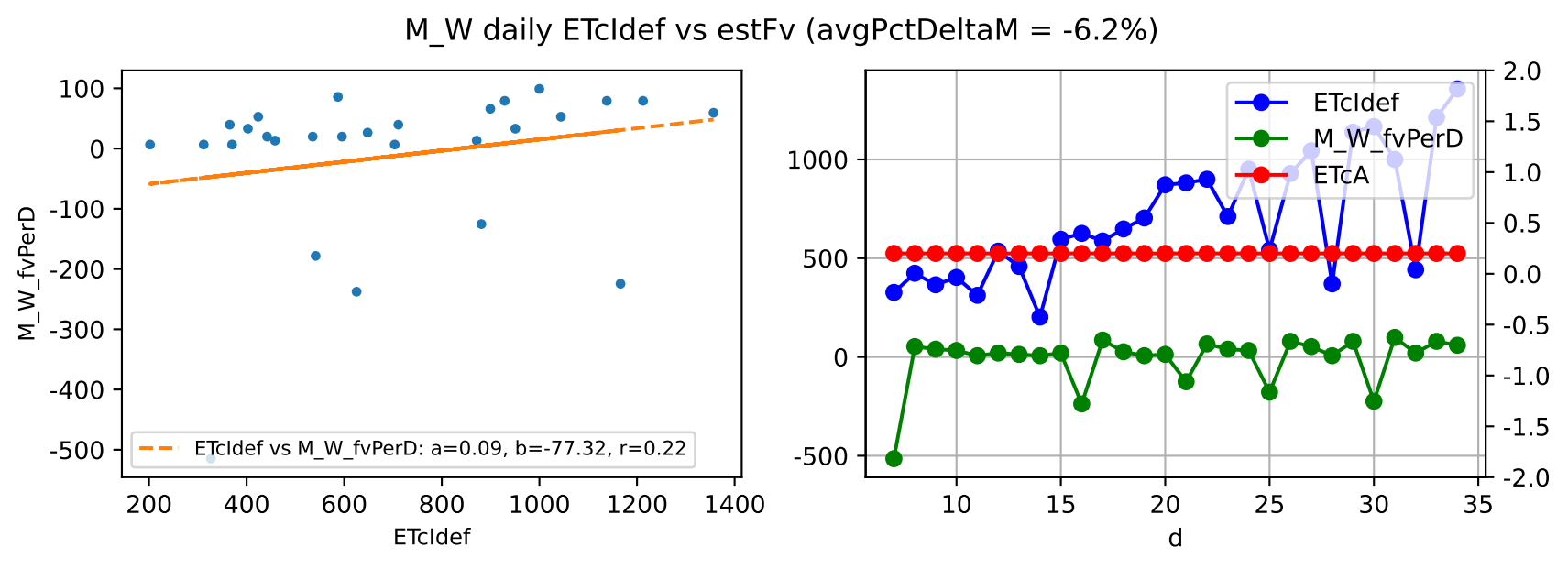

Estimated Fdu from M sensors by fit BetaS
70
60
50
40
30
20
10
0
10
15
20
25
30
35
d
M_W_fduma
M_E_fduma
Fdu

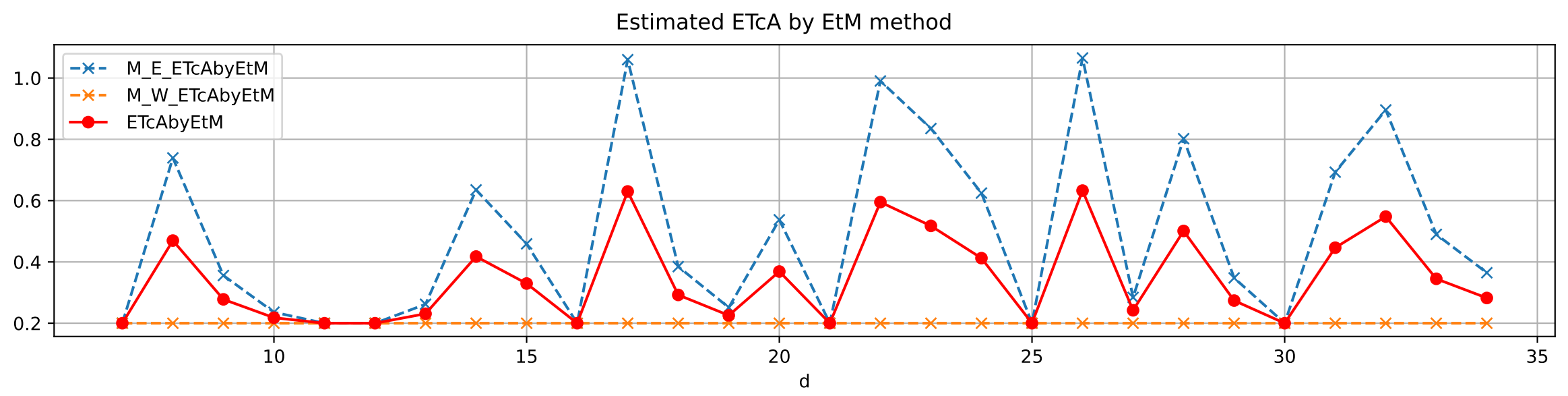

fvPerM moving average
M_E_fvPerM
M_E_fvPerMma
d
M_W_fvPerM
M_W_fvPerMma
d

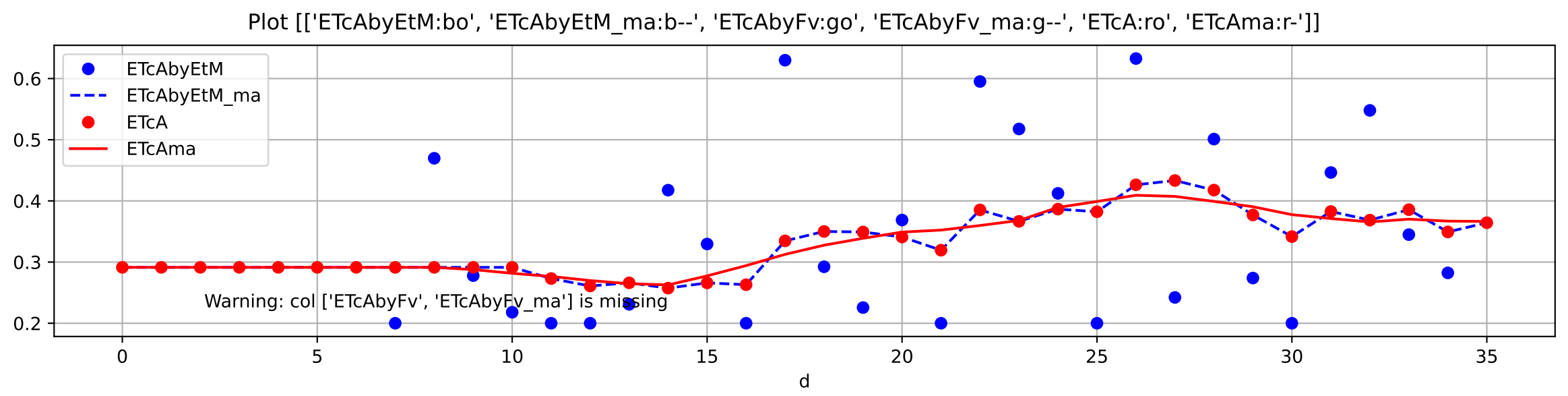

Plot ['FR', 'soilSetVI']
FR
0.0
0.2
0.4
0.6
0.8
0
5
10
15
20
25
30
35
40
d
soilSetVI
0
500
1000
1500
2000
2500
3000
3500
0
5
10
15
20
25
30
35
40
d


plot daily (kilo)MperET and deltaM
0
-20
-40
-60
5
10
15
20
25
30
35
d
M_E_kMperET
deltaM_E
deltaM_Eavg
0
-20
-40
-60
-80
-100
-120
5
10
15
20
25
30
35
d
M_W_kMperET
deltaM_W
deltaM_Wavg

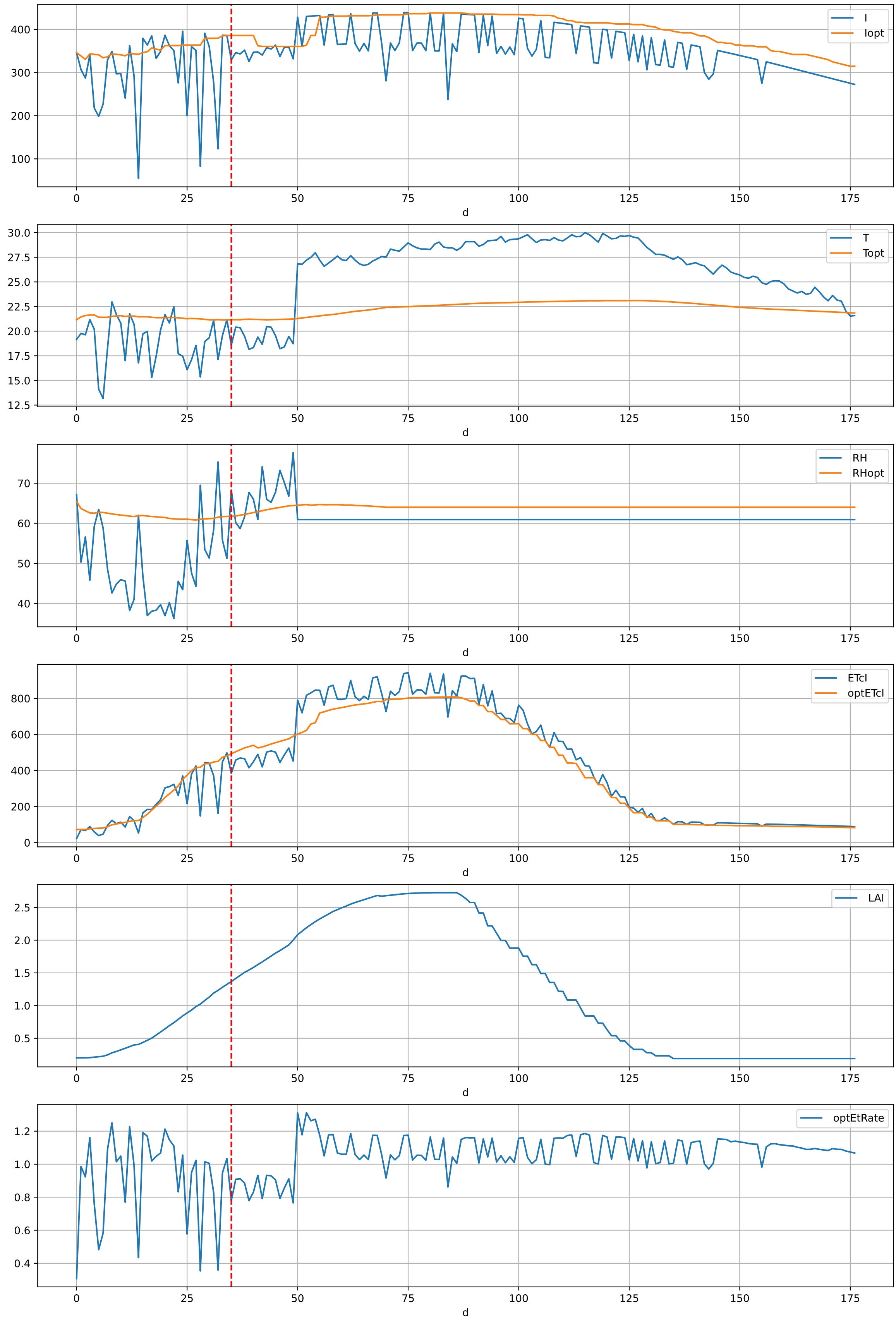

M_E daily ETcIdef vs estFv (avgPctDeltaM = -2.1%)
ETcIdef vs M_E_fvPerD: a=0.23, b=-230.92, r=0.07
M_E_fvPerD
ETcIdef
ETcIdef
M_E_fvPerD
ETcA
d

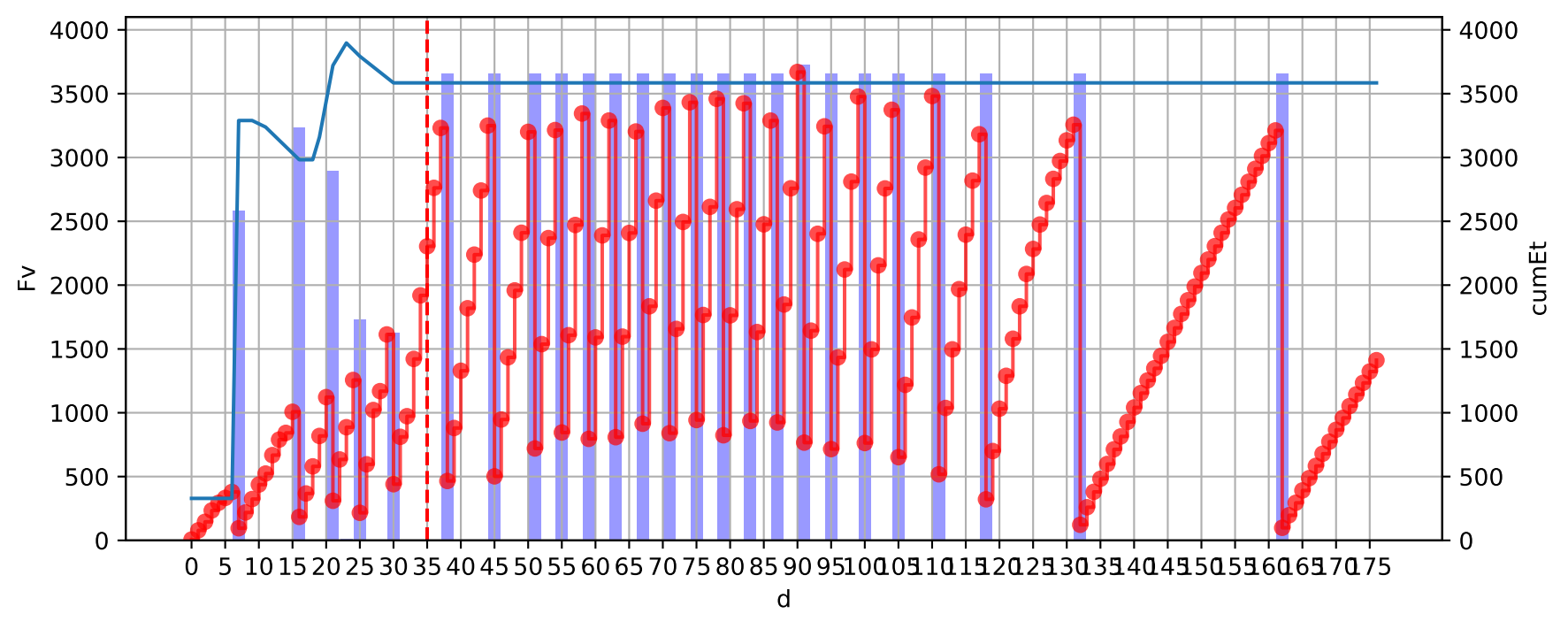

M_W daily ETcIdef vs estFv (avgPctDeltaM = -6.2%)
M_W_fvPerD
ETcIdef
ETcIdef vs M_W_fvPerD: a=0.09, b=-77.32, r=0.22
ETcIdef
M_W_fvPerD
ETcA
d

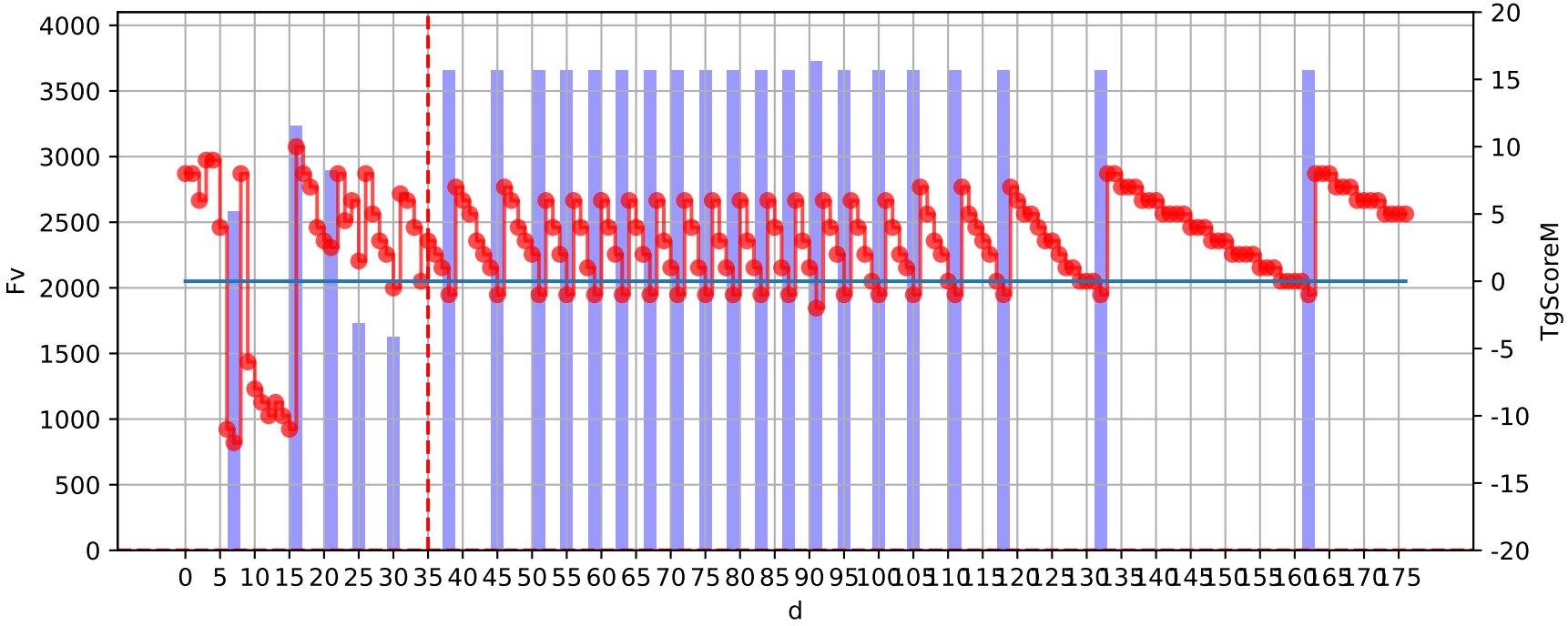

Estimated ETcA by EtM method
M_E_ETcAbyEtM
M_W_ETcAbyEtM
ETcAbyEtM
1.0
0.8
0.6
0.4
0.2
10
15
20
25
30
35
d


Plot [['ETcAbyEtM:bo', 'ETcAbyEtM_ma:b--', 'ETcAbyFv:go', 'ETcAbyFv_ma:g--', 'ETcA:ro', 'ETcAma:r-']]
ETcAbyEtM
ETcAbyEtM_ma
ETcA
ETcAma
Warning: col ['ETcAbyFv', 'ETcAbyFv_ma'] is missing
0.6
0.5
0.4
0.3
0.2
0
5
10
15
20
25
30
35
d

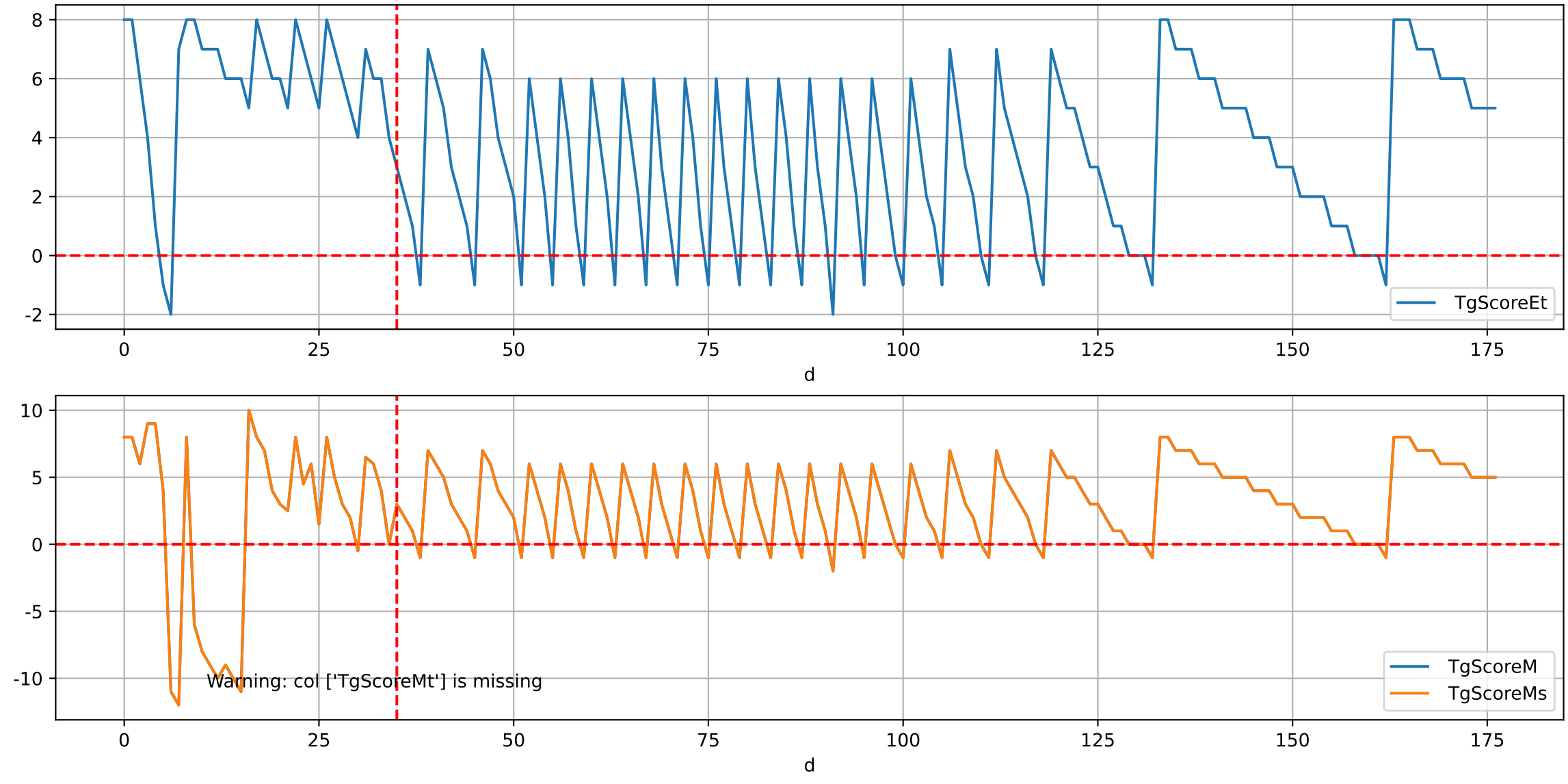
Plot [['I', 'Iopt'], ['T', 'Topt'], ['RH', 'RHopt'], ['ETcI', 'optETcI'], 'LAI', 'optEtRate']

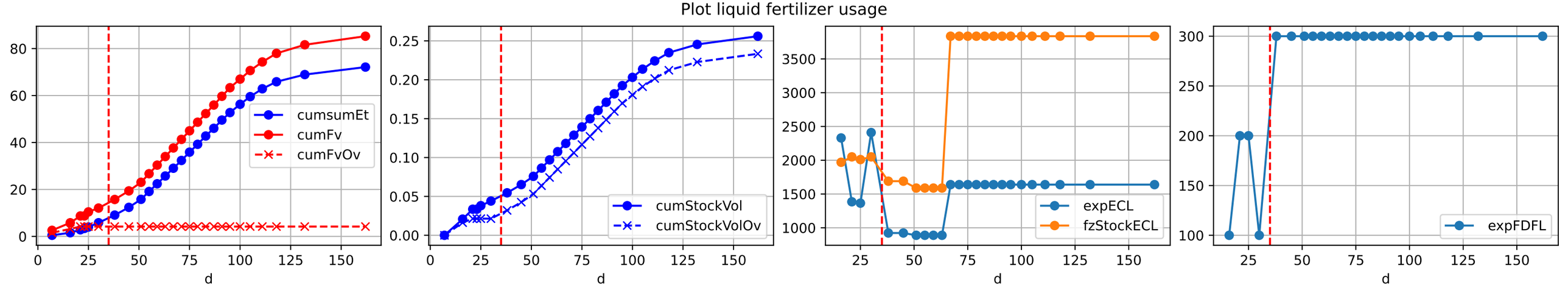


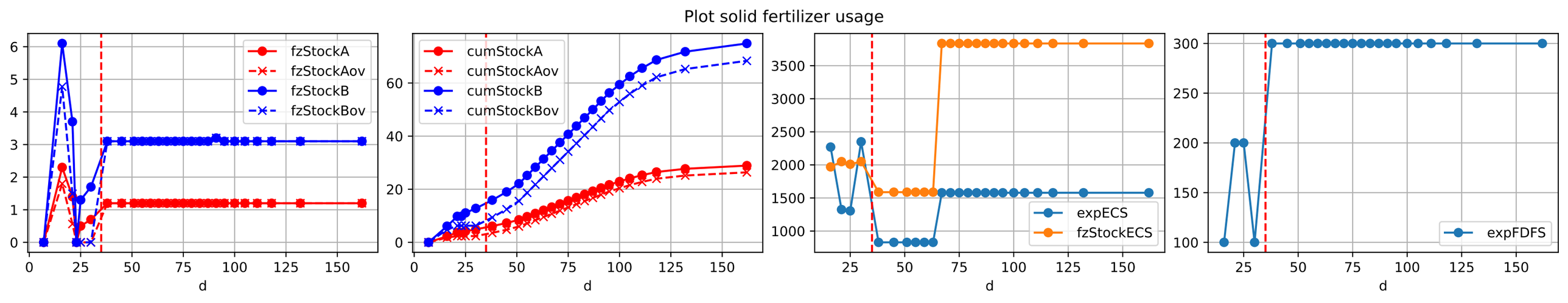

Fv
cumEt
d
0
500
1000
1500
2000
2500
3000
3500
4000
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175

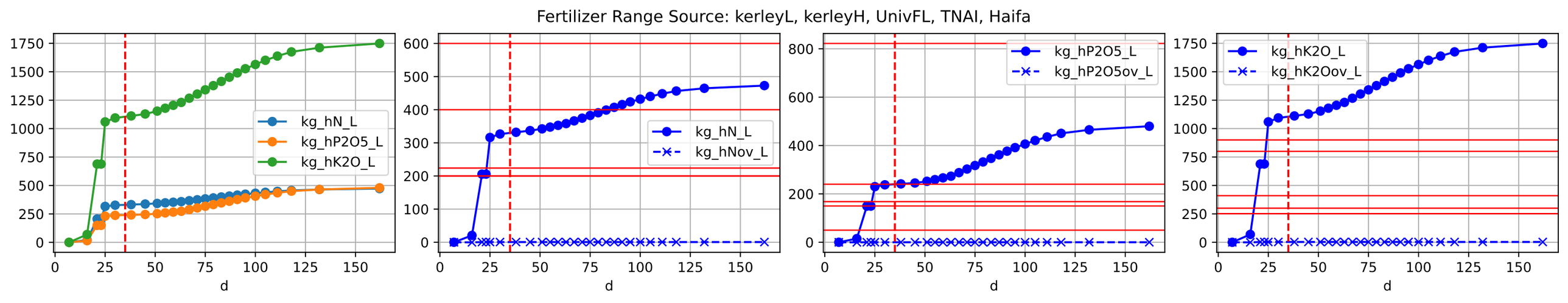

Fv
TgScoreM
d
4000
3500
3000
2500
2000
1500
1000
500
0
20
15
10
5
0
-5
-10
-15
-20
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175

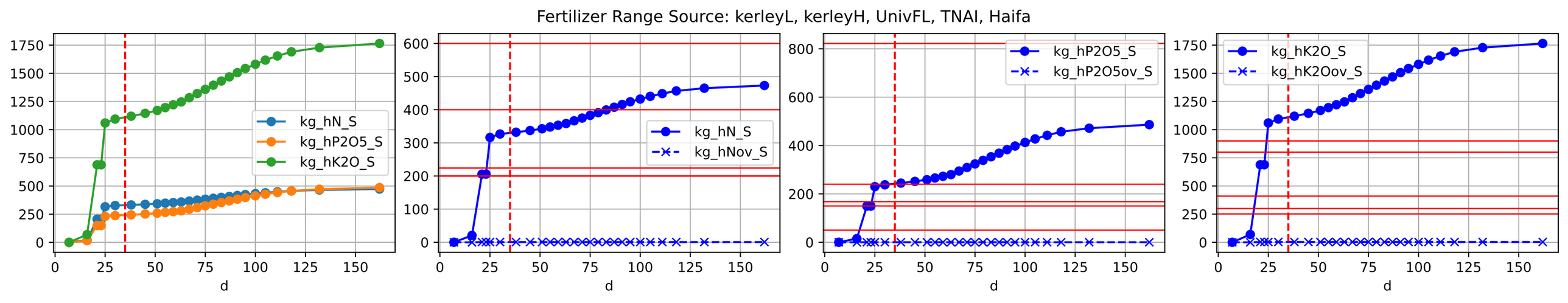
Fg Trigger Score (by Et and sensor)




Plot liquid fertilizer usage
cumsumEt
cumFv
cumFvOv
cumStockVol
cumStockVolOv
expECL
fzStockECL
expFDFL
d
d
d
d


Plot solid fertilizer usage
fzStockA
fzStockAov
fzStockB
fzStockBov
cumStockA
cumStockAov
cumStockB
cumStockBov
expECS
fzStockECS
expFDFS
d
d
d
d


Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
kg_hN_L
kg_hP2O5_L
kg_hK2O_L
kg_hN_L
kg_hNov_L
kg_hP2O5_L
kg_hP2O5ov_L
kg_hK2O_L
kg_hK2Oov_L
d
d
d
d


Fertilizer Range Source: kerleyL, kerleyH, UnivFL, TNAI, Haifa
kg_hN_S
kg_hP2O5_S
kg_hK2O_S
kg_hNov_S
kg_hP2O5ov_S
kg_hK2Oov_S
d