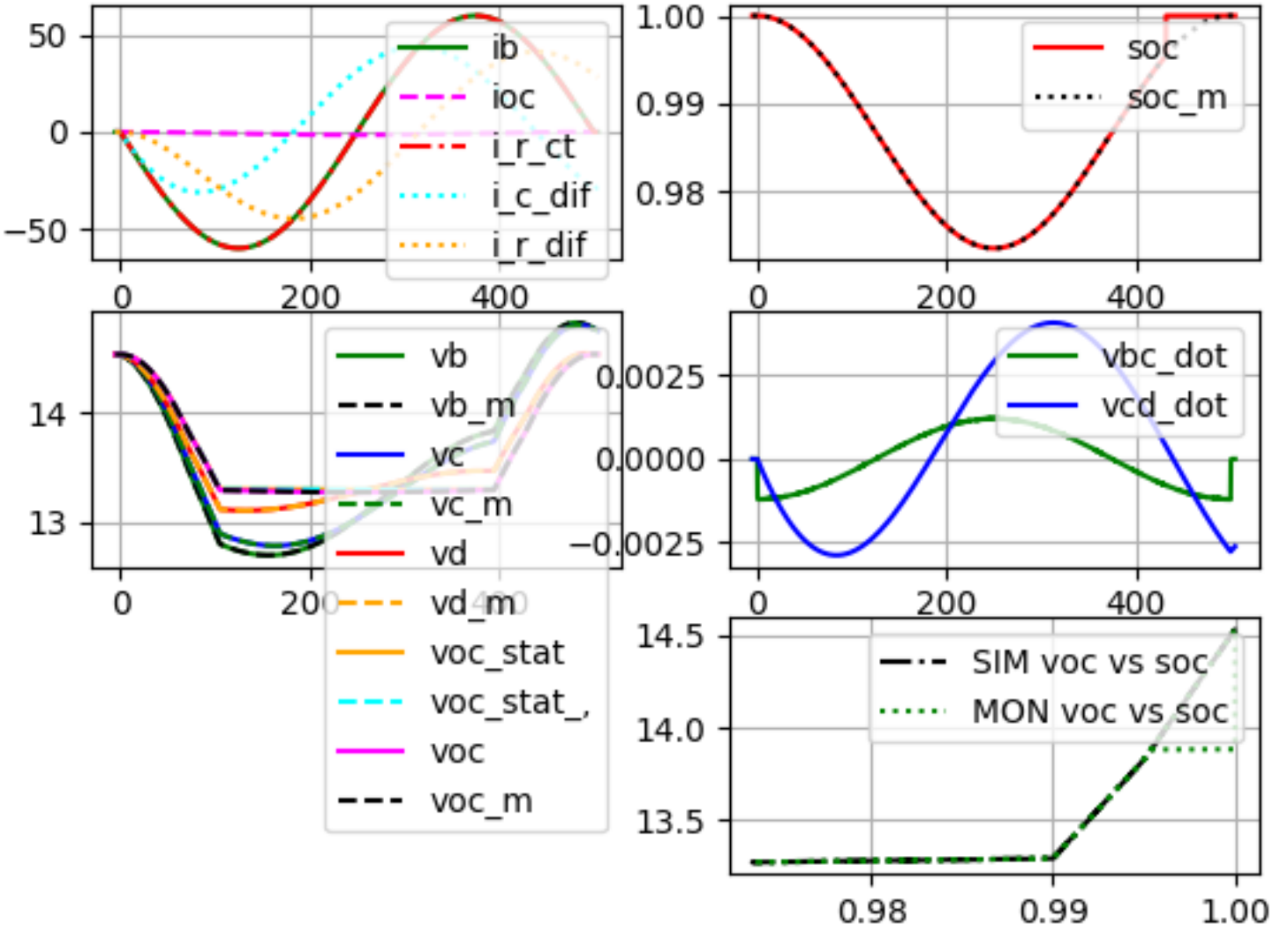
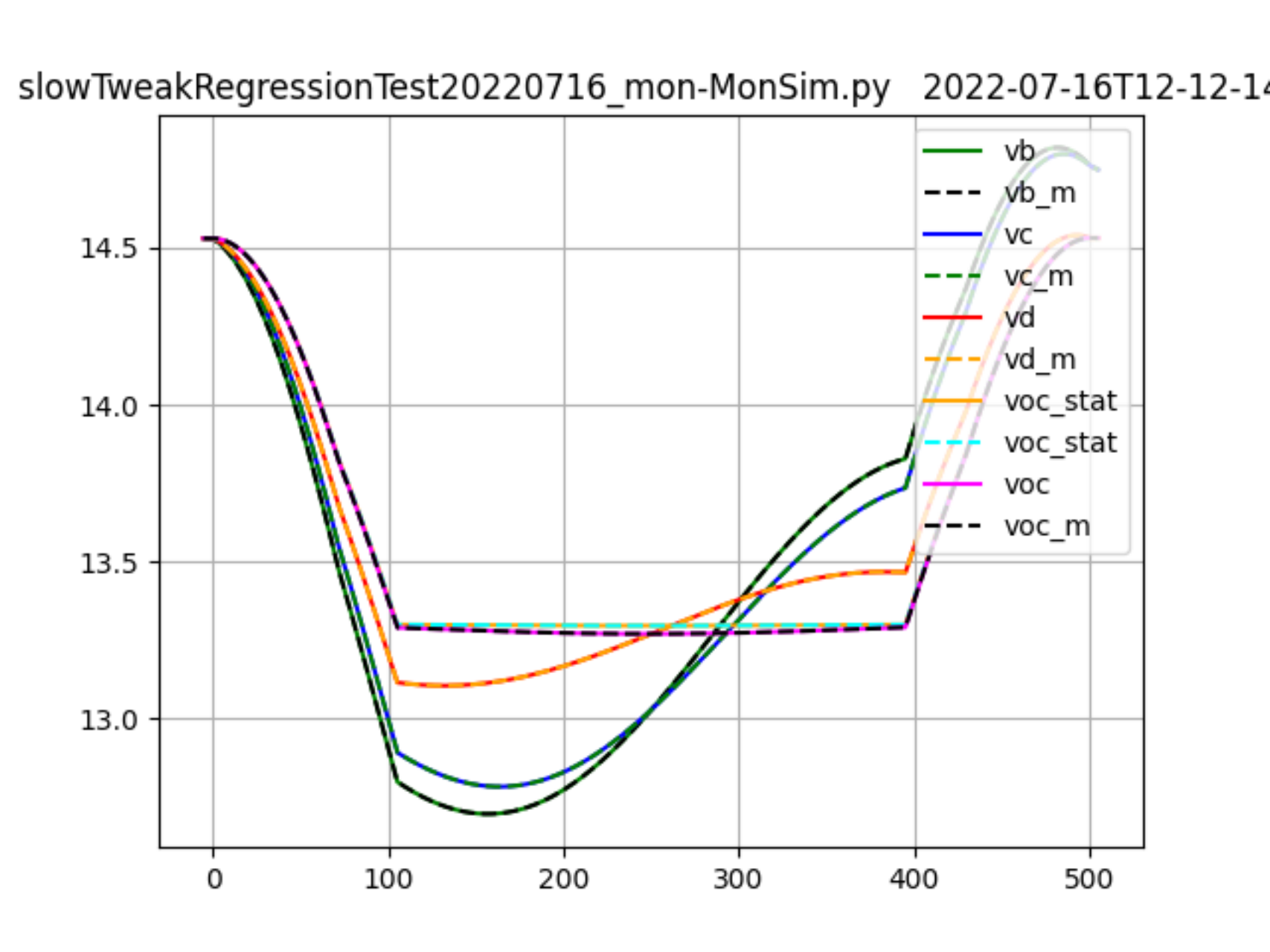
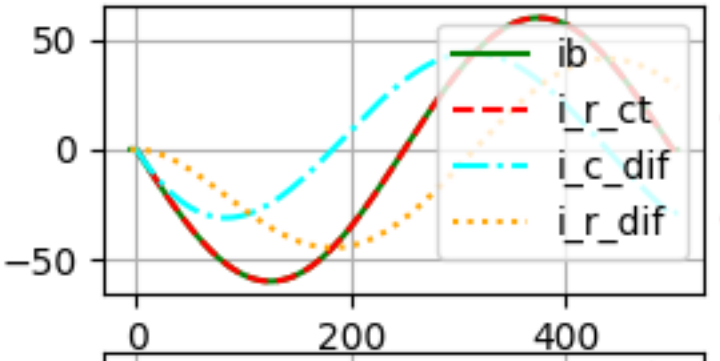
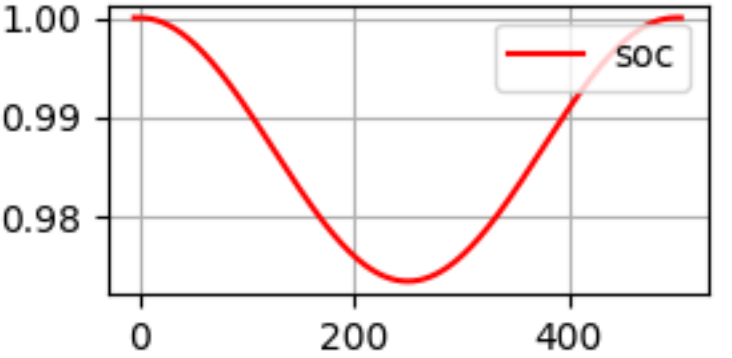
ressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14

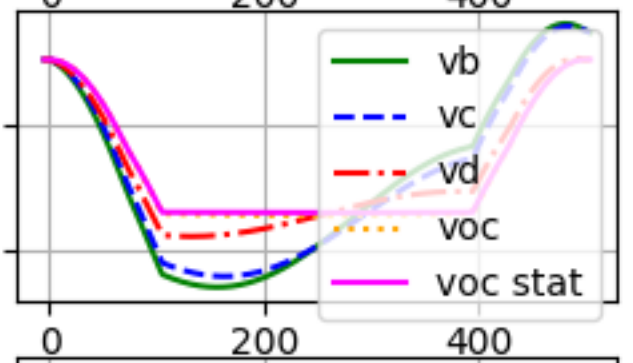


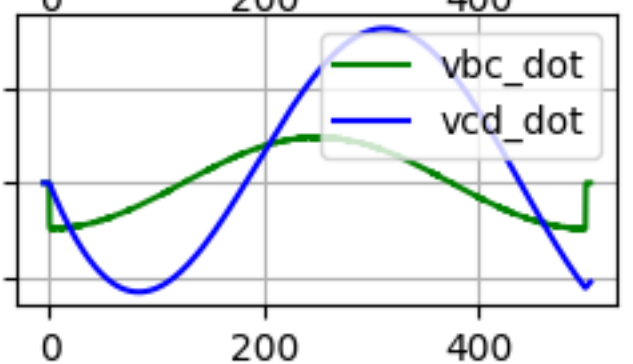

slowTweakRegressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14
vb
vb_m
vc
vc_m
vd
vd_m
voc_stat
voc_stat
voc
voc_m
14.5
14.0
13.5
13.0
0
100
200
300
400
500

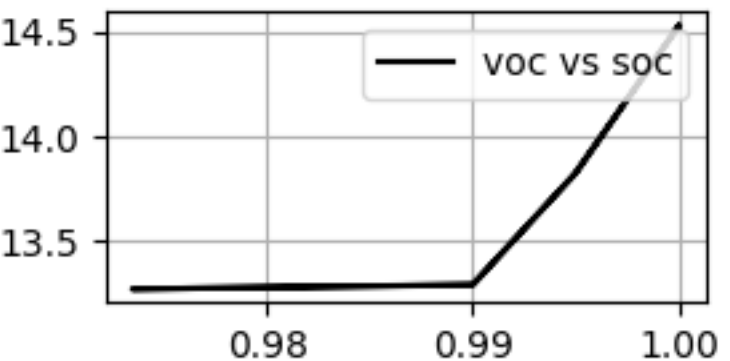
sionTest20220716_mon-MonSim.py 2022-07-16T12-12-14 **SIM

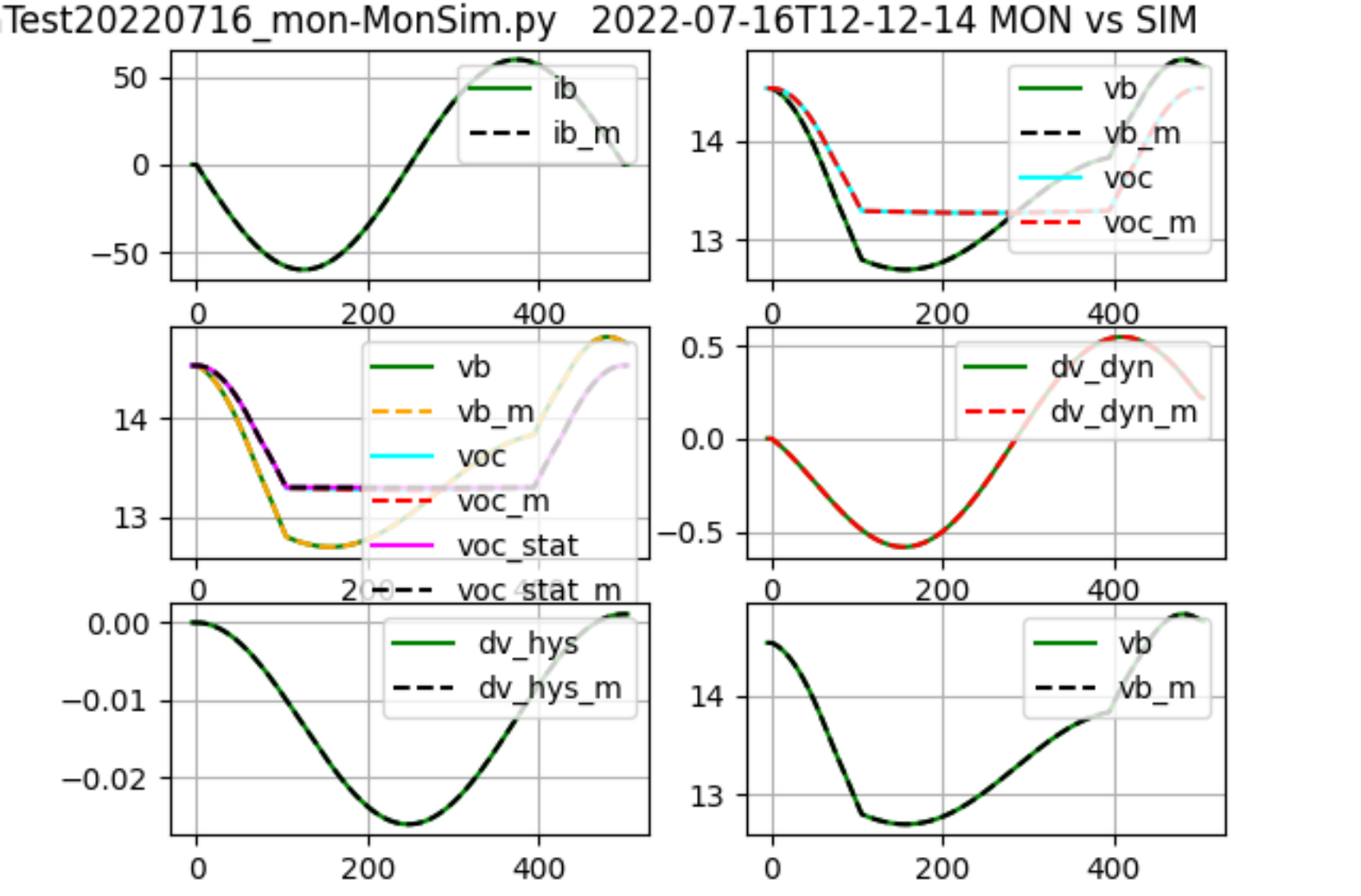


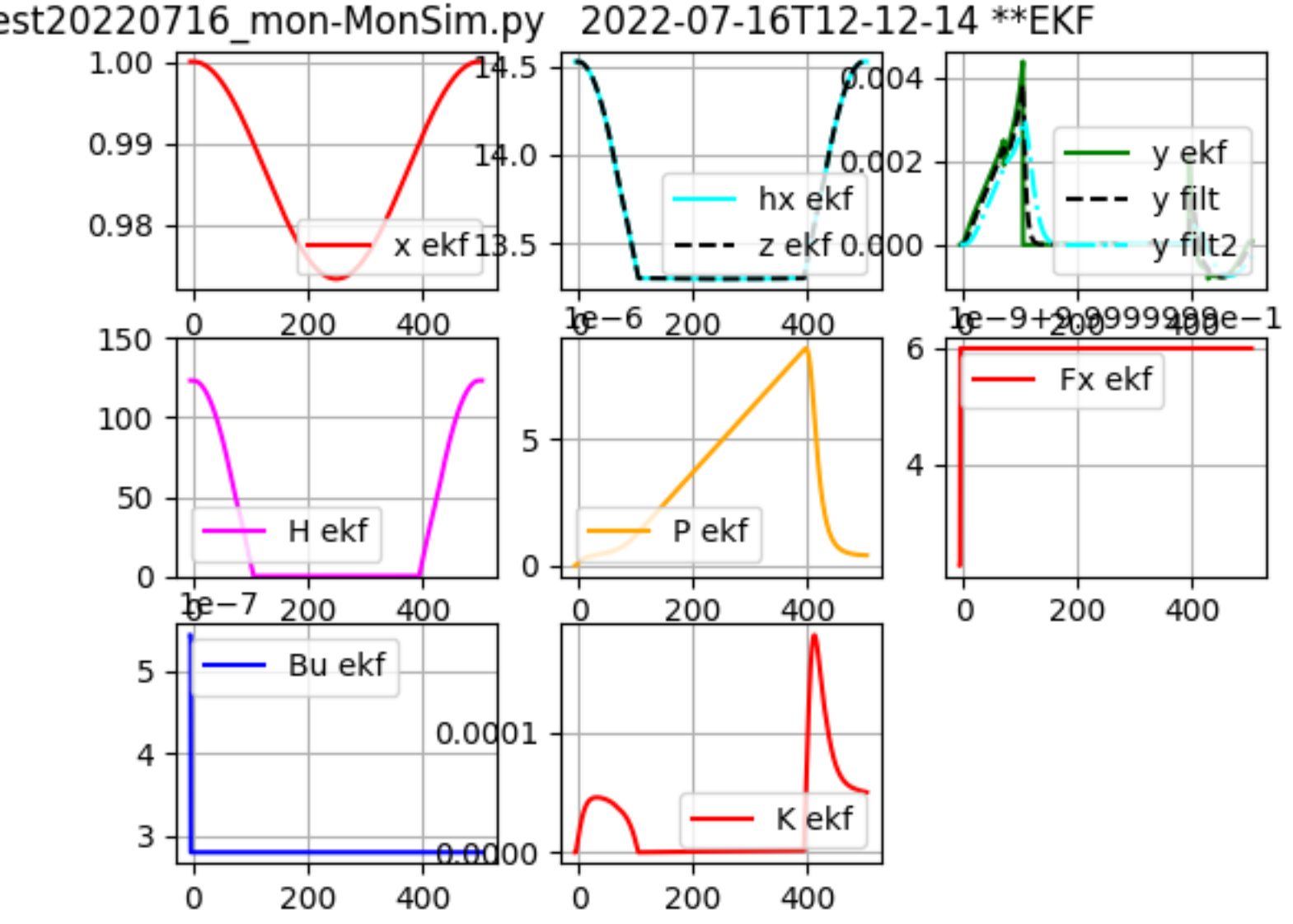


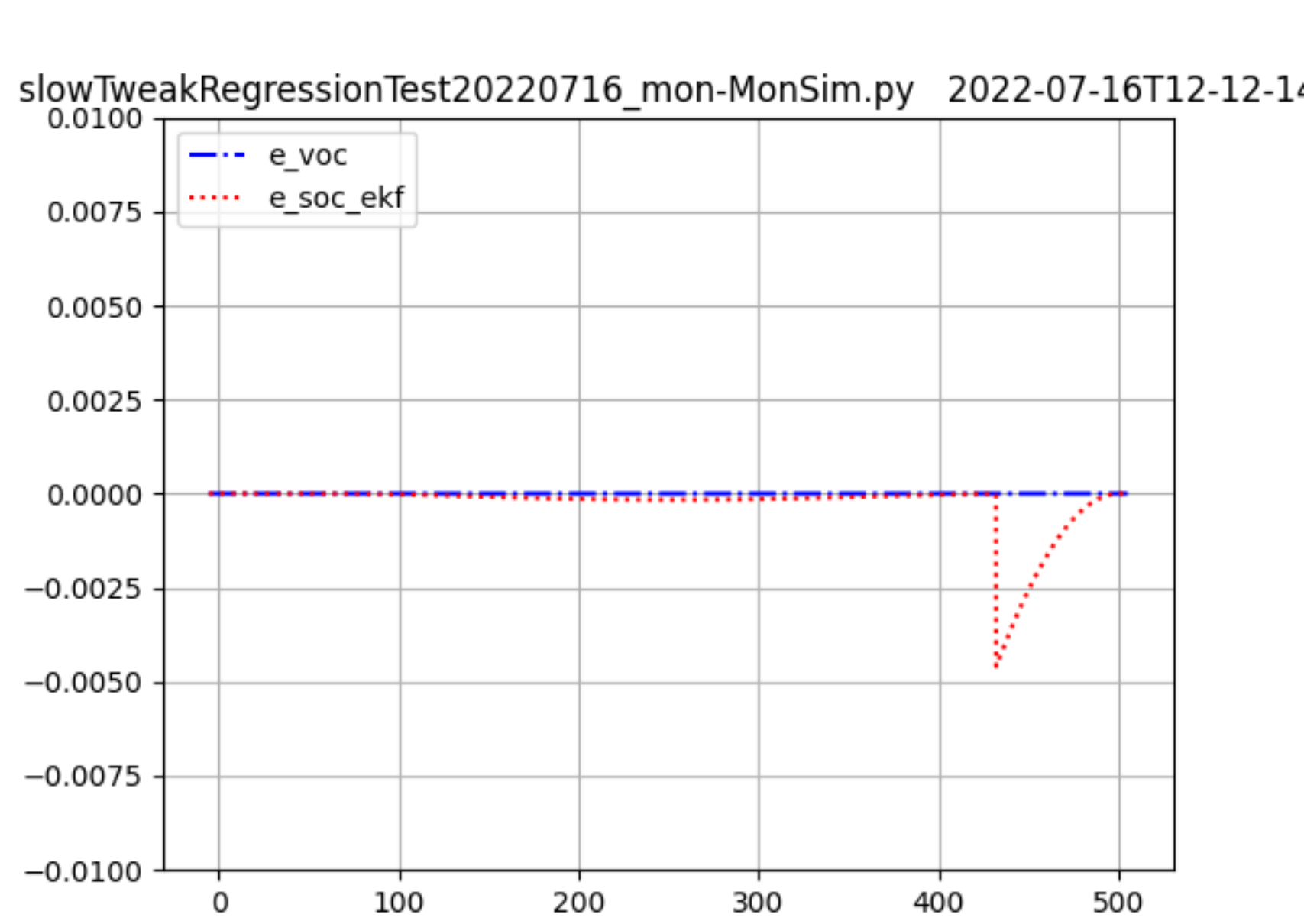


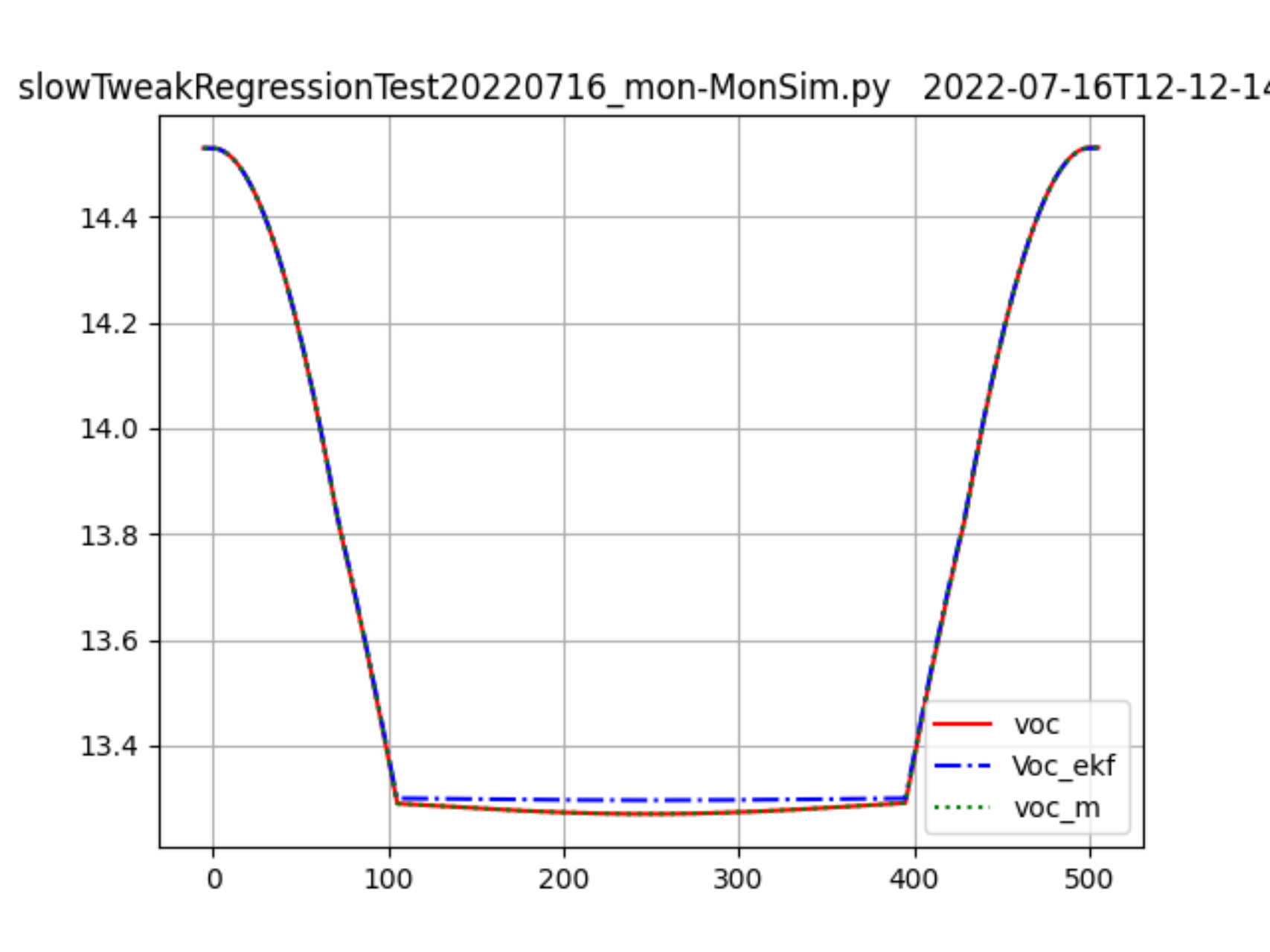


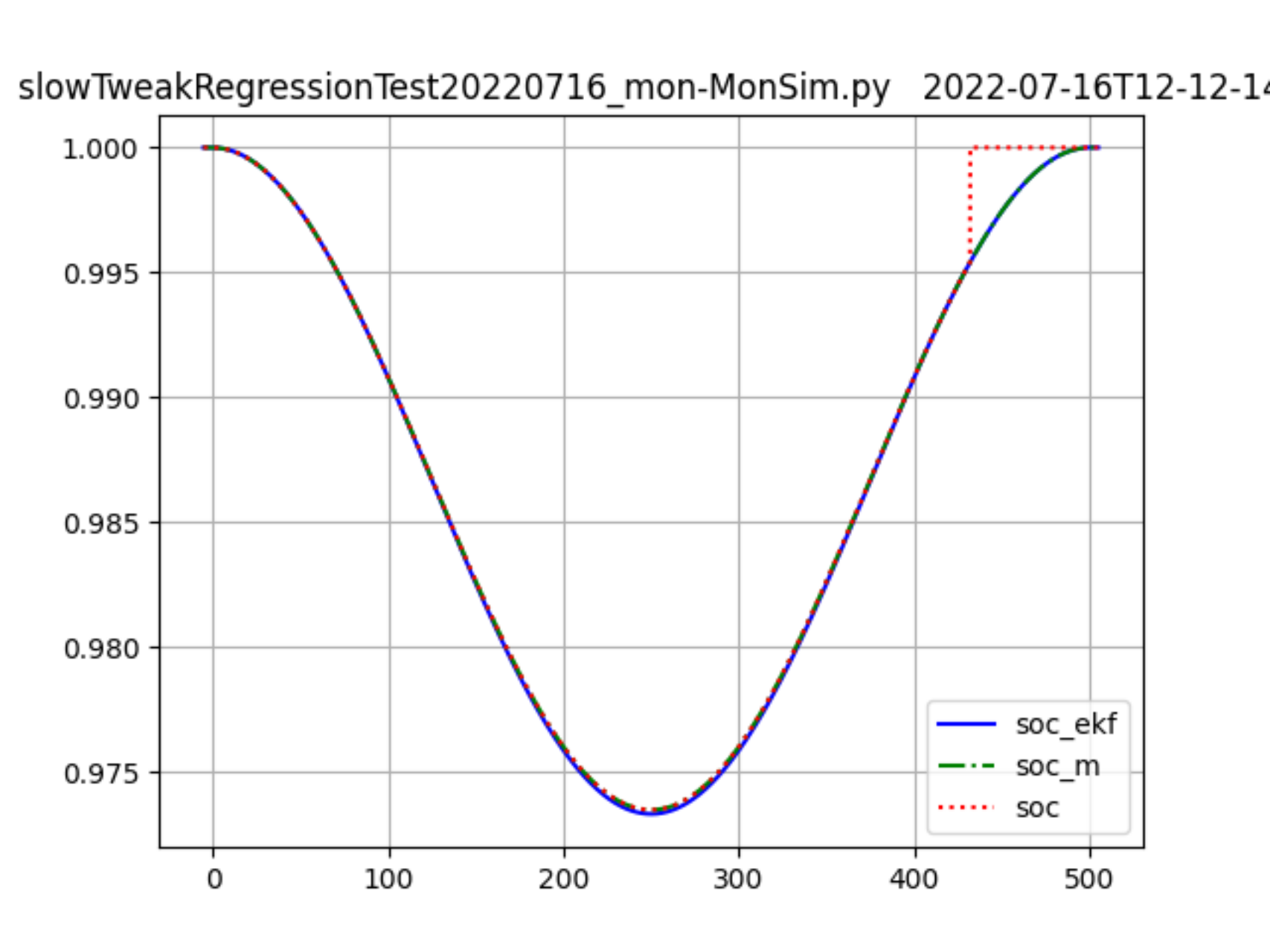


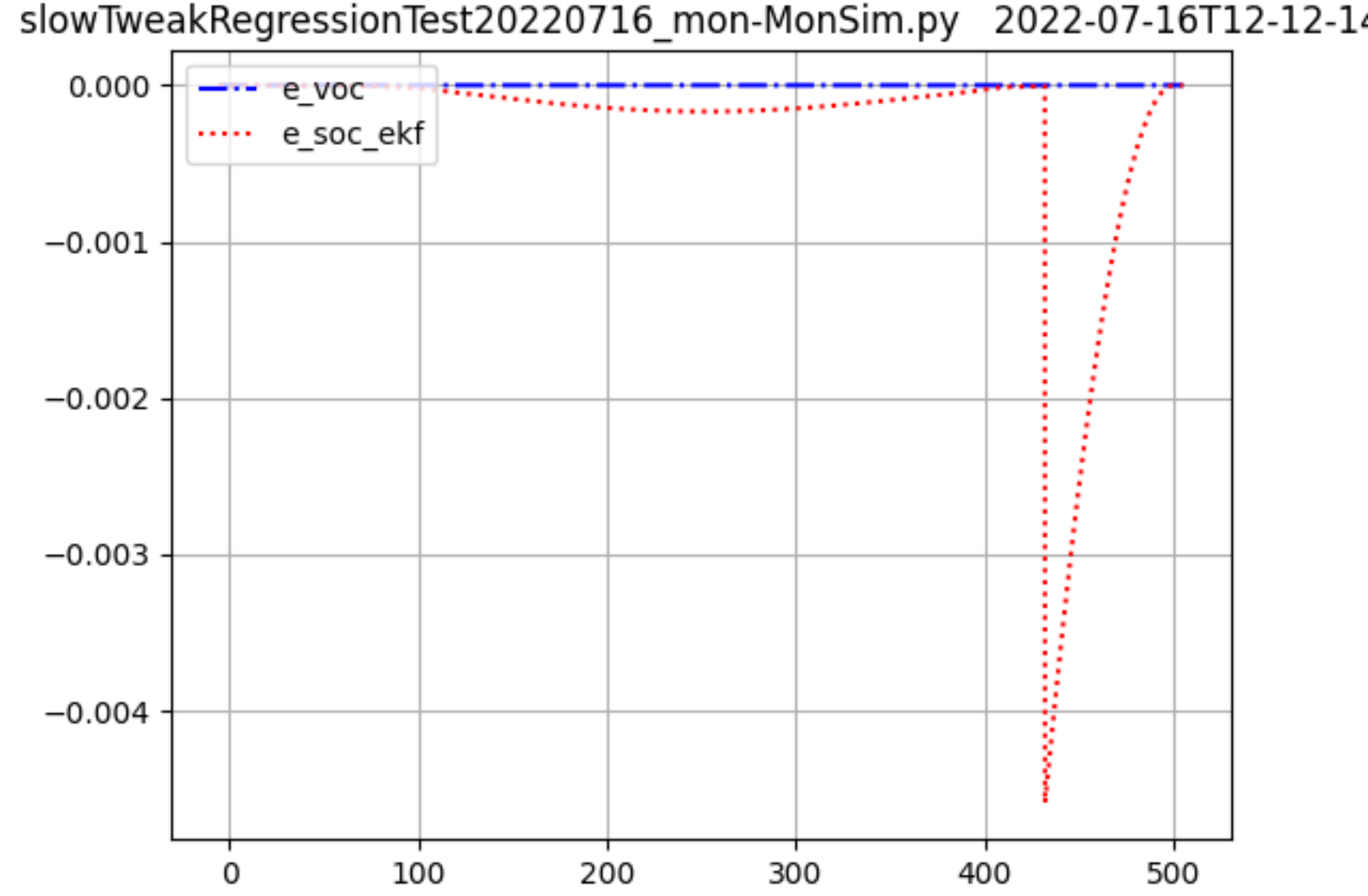

Test20220716_mon-MonSim.py 2022-07-16T12-12-14 MON vs SIM
ib
ib_m
vb
vb_m
voc
voc_m
vb
vb_m
voc
voc_m
voc_stat
voc_stat_m
dv_dyn
dv_dyn_m
dv_hys
dv_hys_m
vb
vb_m


est20220716_mon-MonSim.py 2022-07-16T12-12-14 **EKF
x ekf
hx ekf
z ekf
y ekf
y filt
y filt2
H ekf
P ekf
1e−6
Fx ekf
1e−9+9.9999999e−1
Bu ekf
1e−7
K ekf


slowTweakRegressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14
e_voc
e_soc_ekf
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
0
100
200
300
400
500


slowTweakRegressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14
14.4
14.2
14.0
13.8
13.6
13.4
0
100
200
300
400
500
voc
Voc_ekf
voc_m


slowTweakRegressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14
1.000
0.995
0.990
0.985
0.980
0.975
0
100
200
300
400
500
soc_ekf
soc_m
soc


slowTweakRegressionTest20220716_mon-MonSim.py 2022-07-16T12-12-14
e_voc
e_soc_ekf
0.000
−0.001
−0.002
−0.003
−0.004
0
100
200
300
400
500