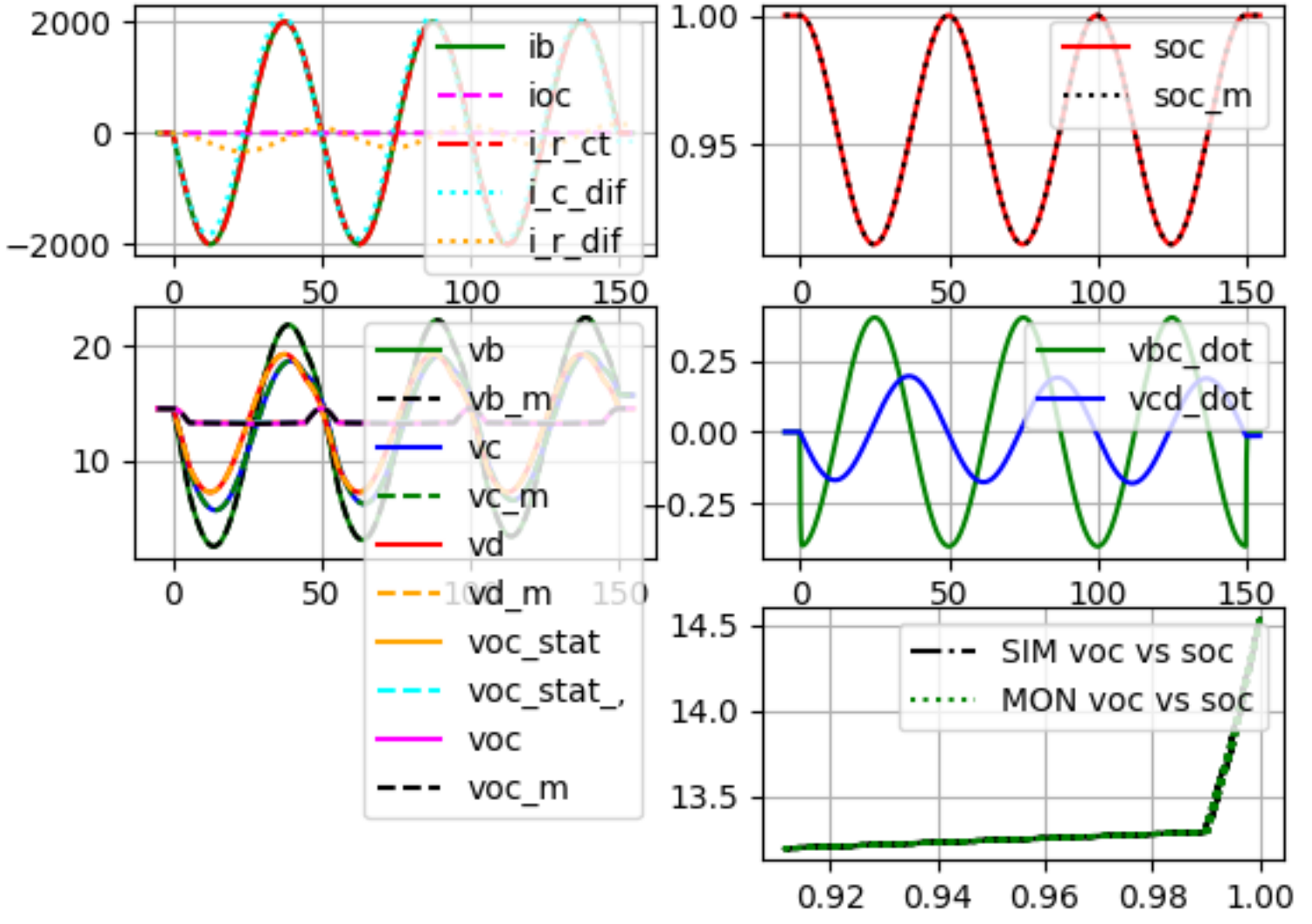
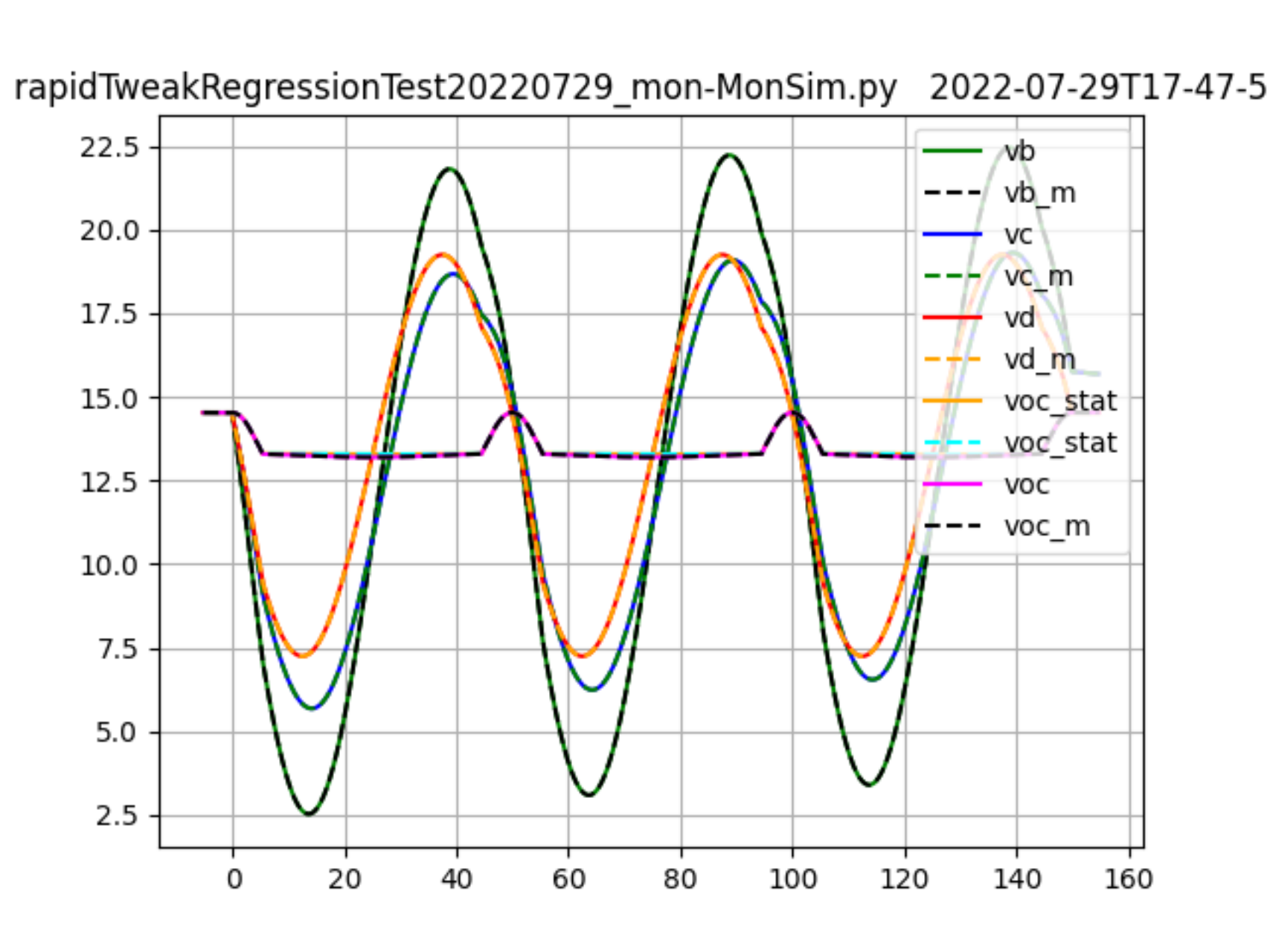
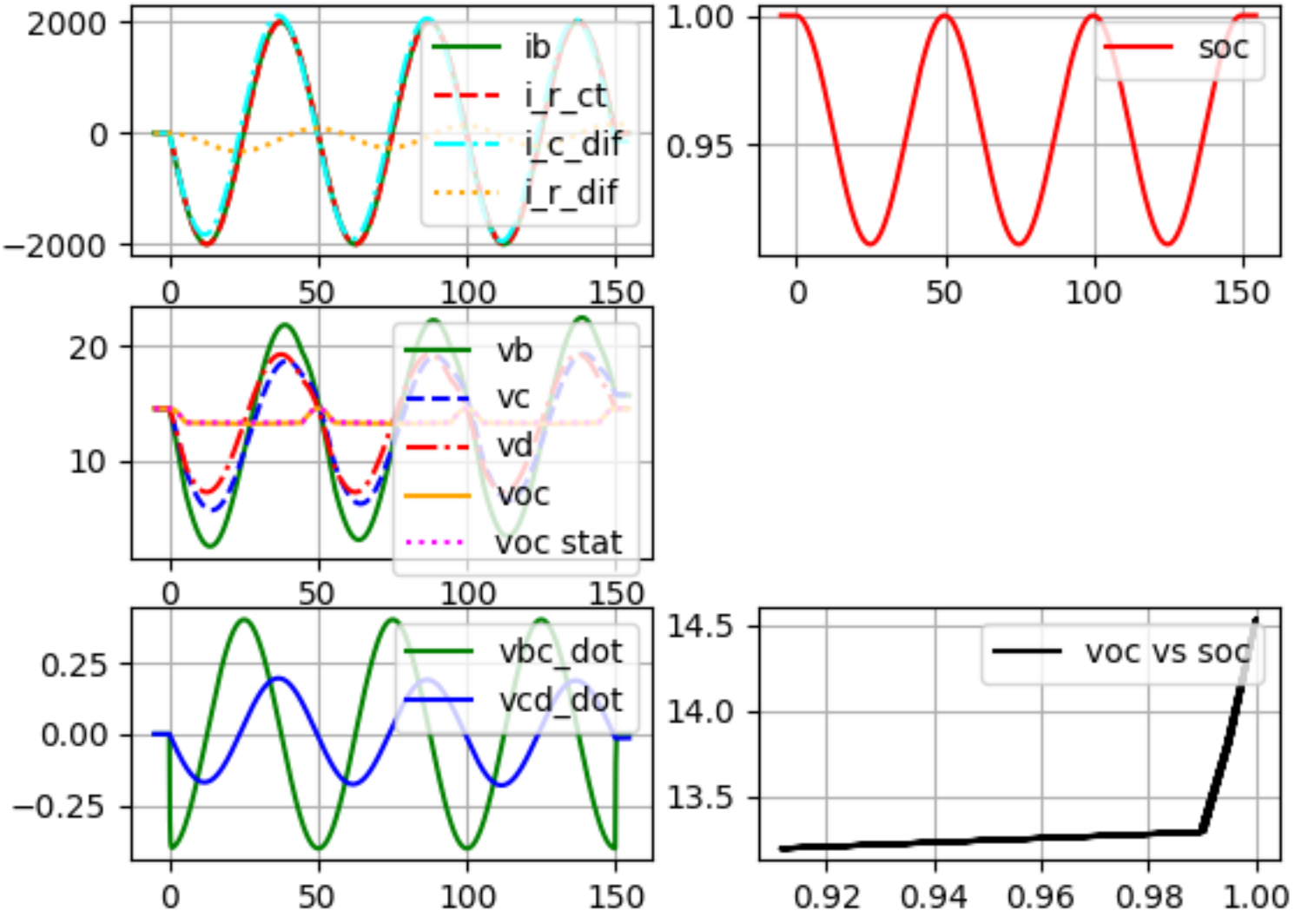
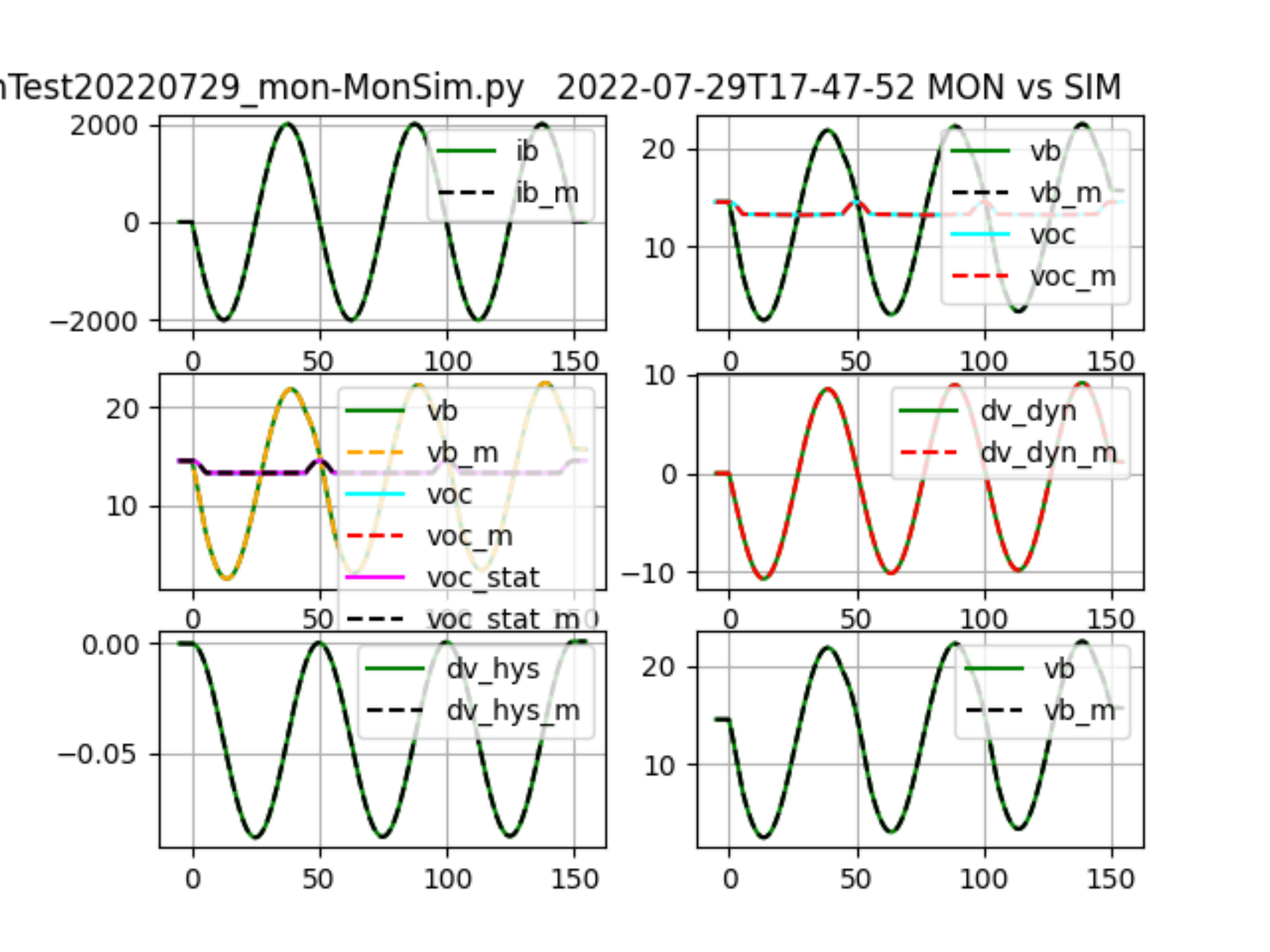
ressionTest20220729_mon-MonSim.py 2022-07-29T17-47-52

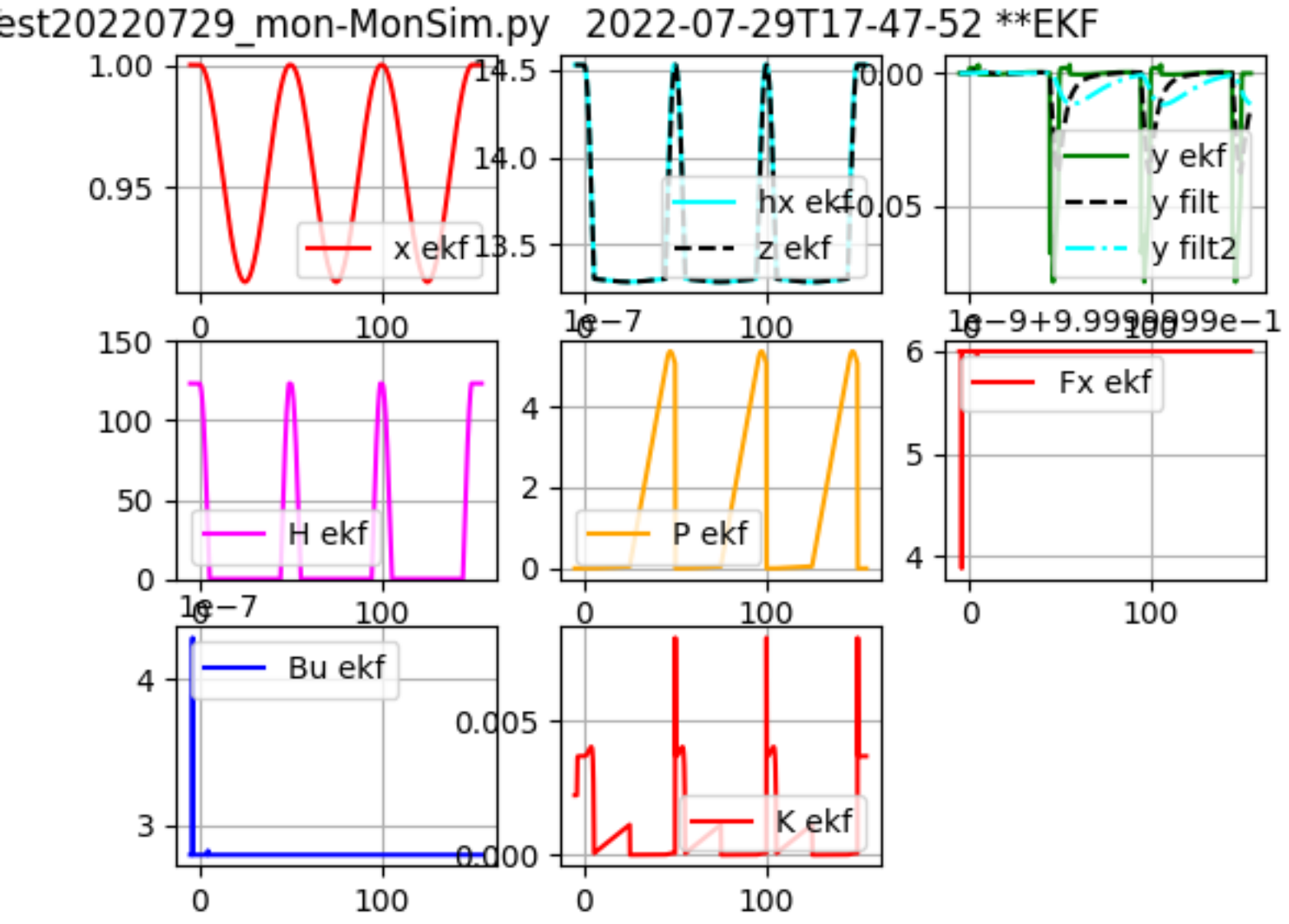


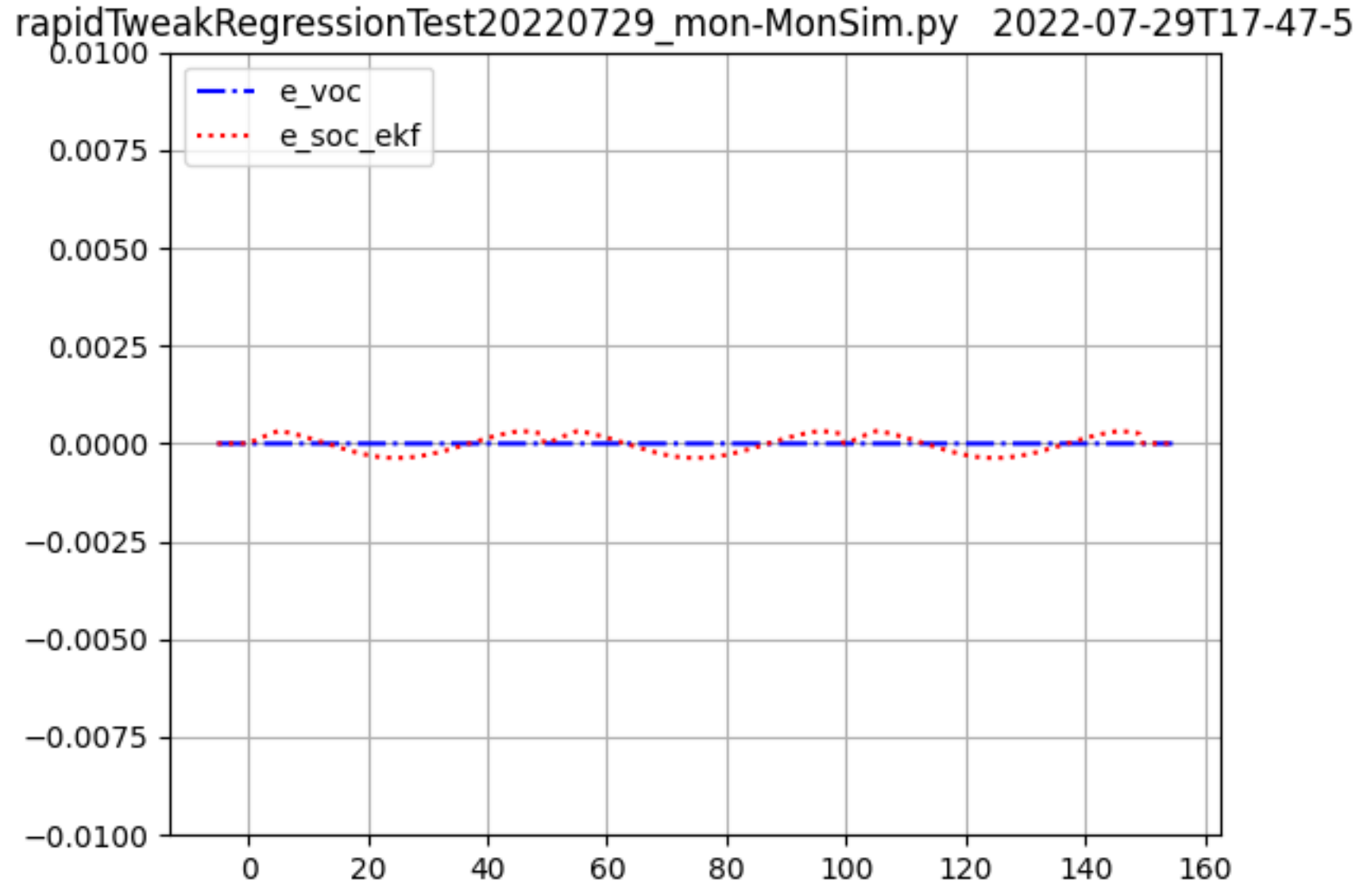

rapidTweakRegressionTest20220729_mon-MonSim.py 2022-07-29T17-47-5
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0
20
40
60
80
100
120
140
160
vb
vb_m
vc
vc_m
vd
vd_m
voc_stat
voc_stat
voc
voc_m

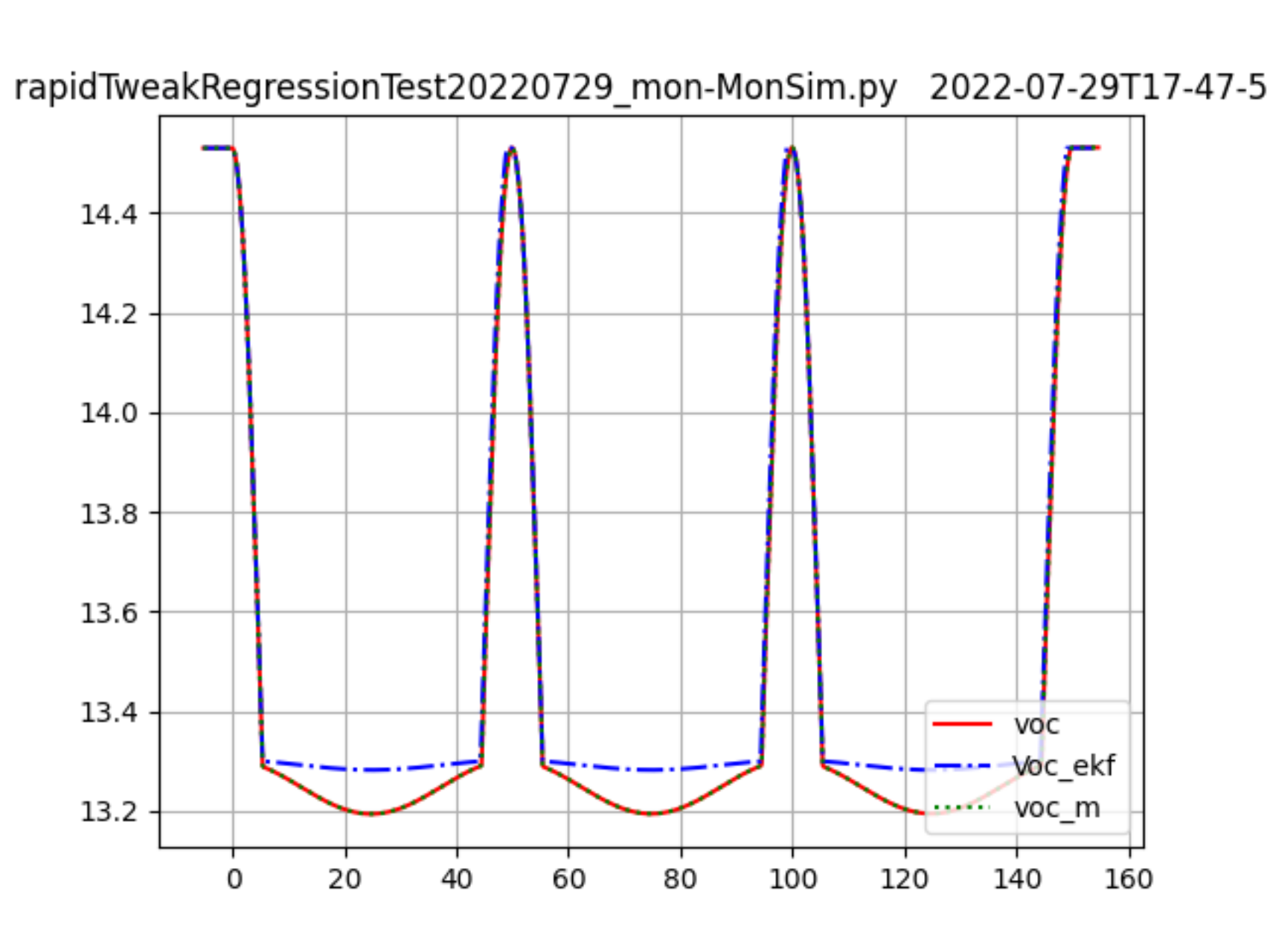
sionTest20220729_mon-MonSim.py 2022-07-29T17-47-52 **SIM

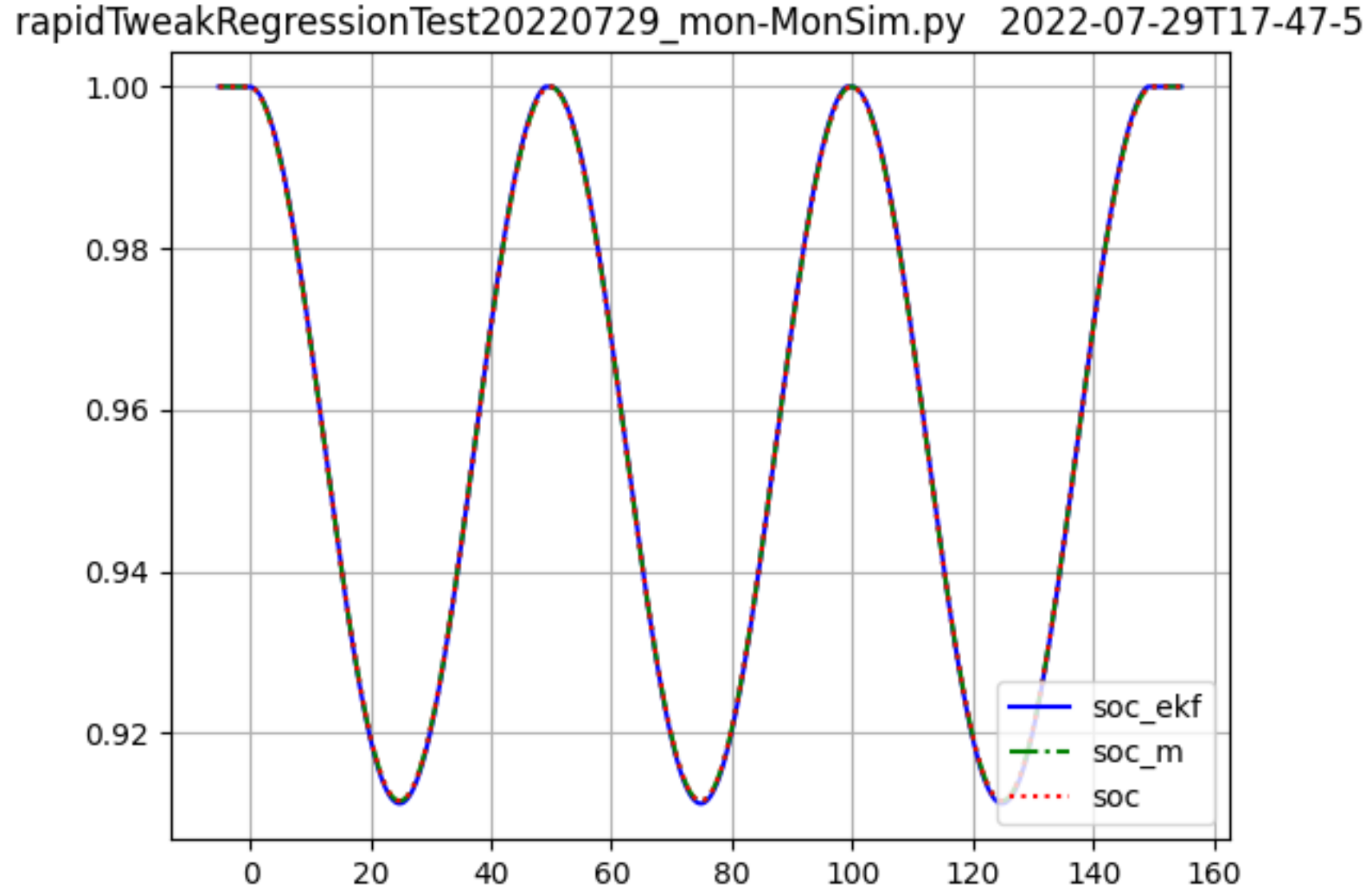


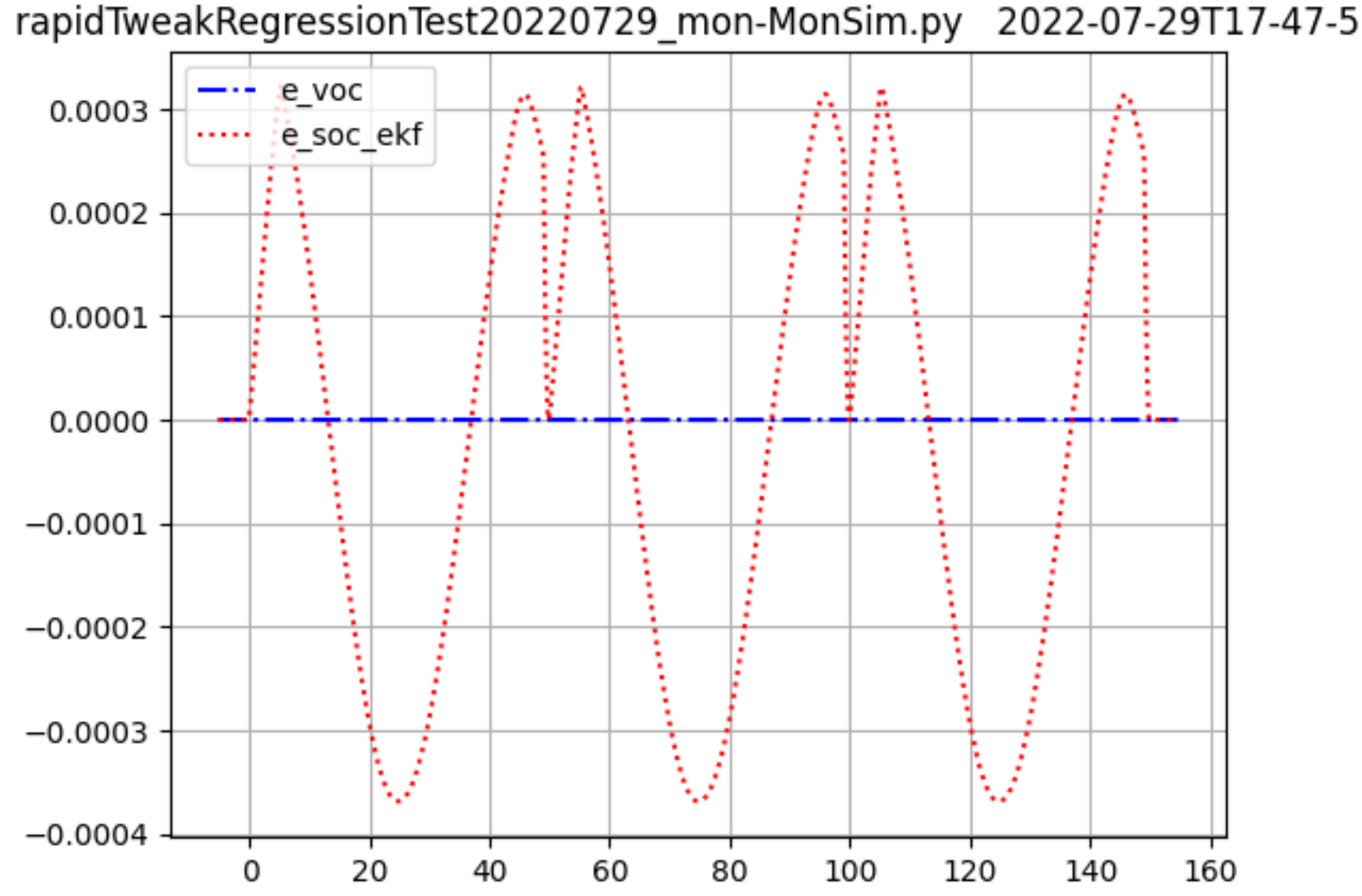

nTest20220729_mon-MonSim.py 2022-07-29T17-47-52 MON vs SIM
ib
ib_m
vb
vb_m
voc
voc_m
vb
vb_m
voc
voc_m
voc_stat
voc_stat_m
dv_dyn
dv_dyn_m
dv_hys
dv_hys_m
vb
vb_m


est20220729_mon-MonSim.py 2022-07-29T17-47-52 **EKF
x ekf
hx ekf
z ekf
y ekf
y filt
y filt2
H ekf
P ekf
Fx ekf
Bu ekf
K ekf


rapidTweakRegressionTest20220729_mon-MonSim.py 2022-07-29T17-47-5
e_voc
e_soc_ekf
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
0
20
40
60
80
100
120
140
160


rapidTweakRegressionTest20220729_mon-MonSim.py 2022-07-29T17-47-5
14.4
14.2
14.0
13.8
13.6
13.4
13.2
0
20
40
60
80
100
120
140
160
voc
Voc_ekf
voc_m


rapidTweakRegressionTest20220729_mon-MonSim.py 2022-07-29T17-47-5
1.00
0.98
0.96
0.94
0.92
0
20
40
60
80
100
120
140
160
soc_ekf
soc_m
soc


rapidTweakRegressionTest20220729_mon-MonSim.py 2022-07-29T17-47-5
e_voc
e_soc_ekf
0.0003
0.0002
0.0001
0.0000
−0.0001
−0.0002
−0.0003
−0.0004
0
20
40
60
80
100
120
140
160