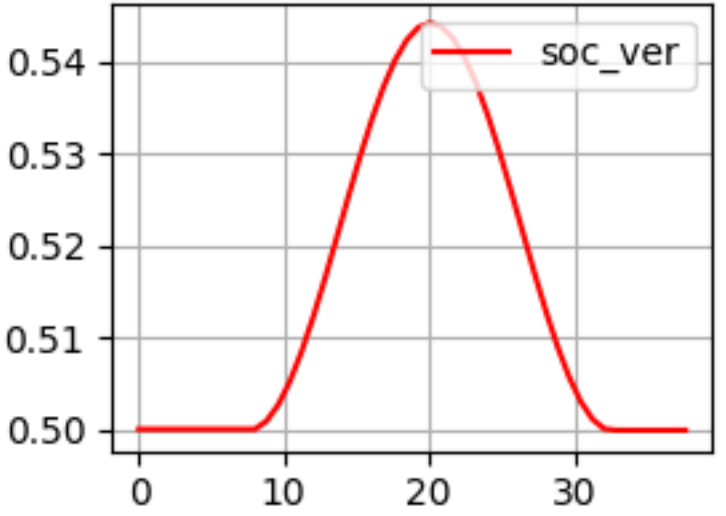
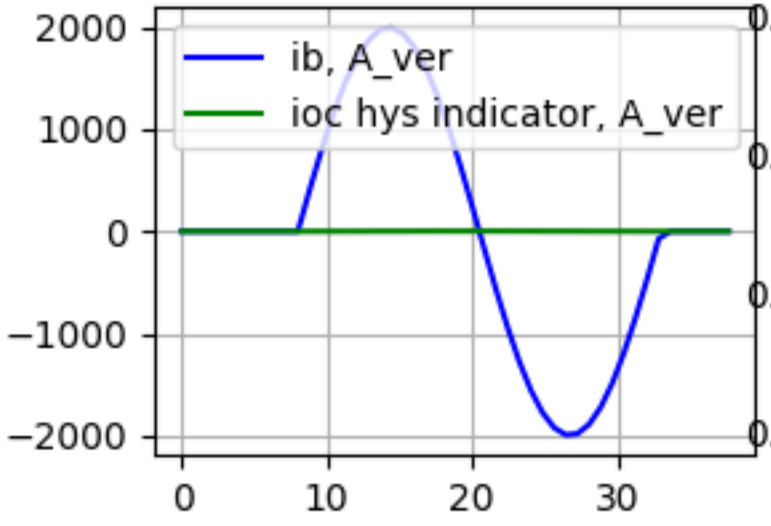
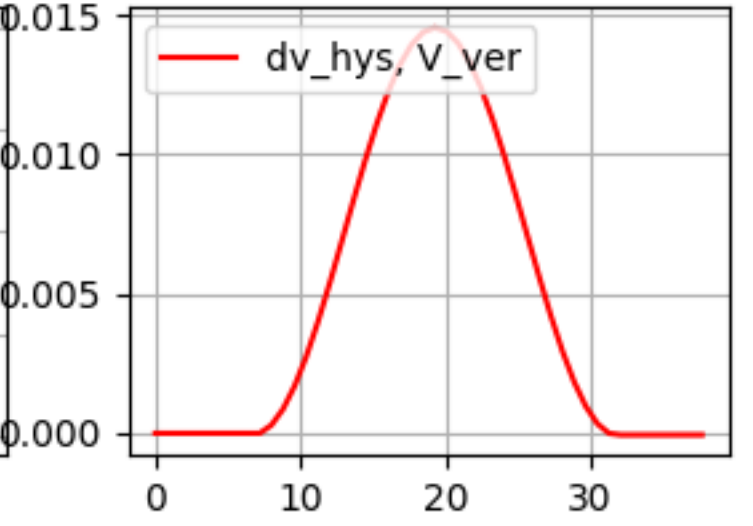
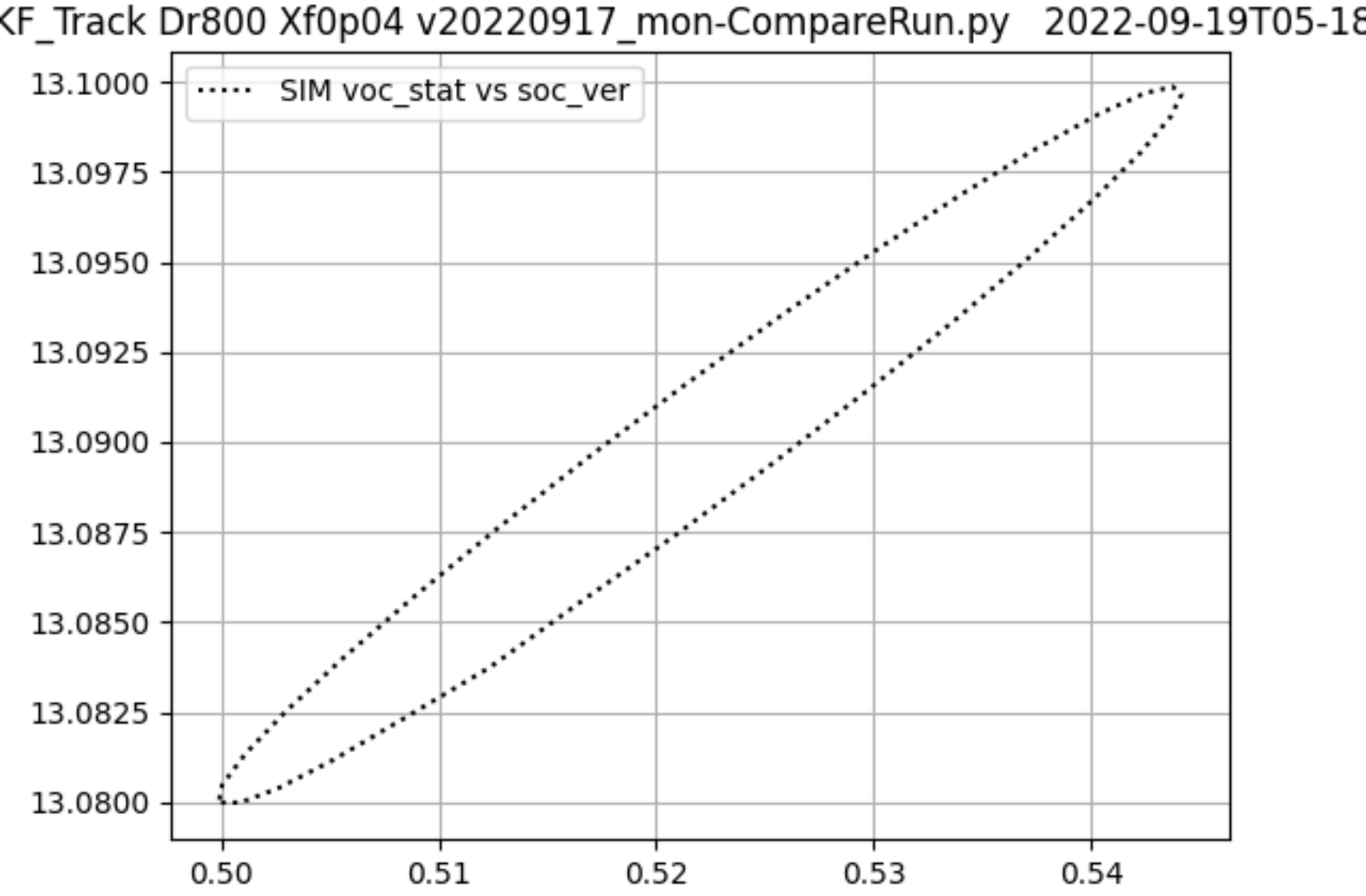
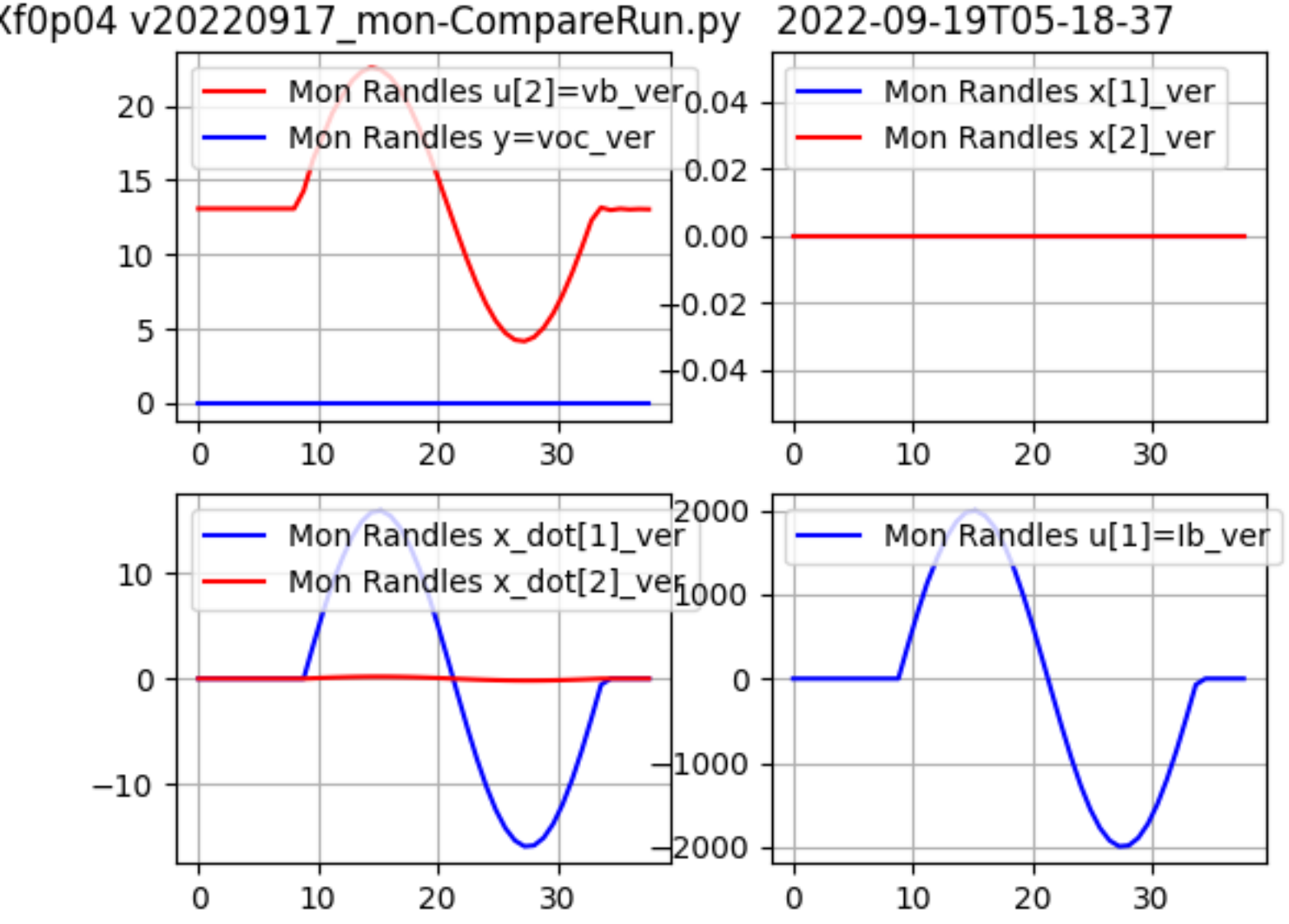
Xf0p04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37

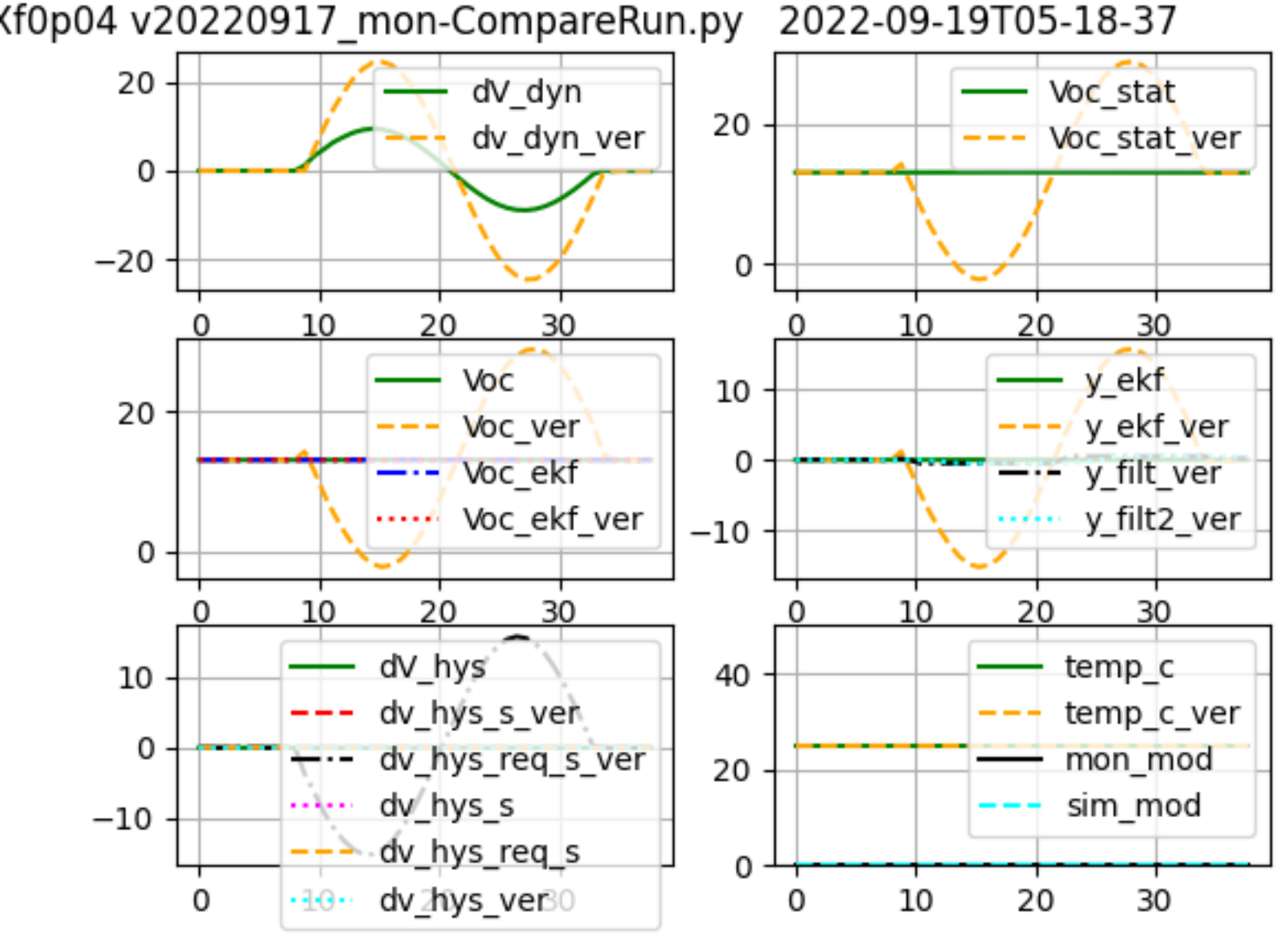


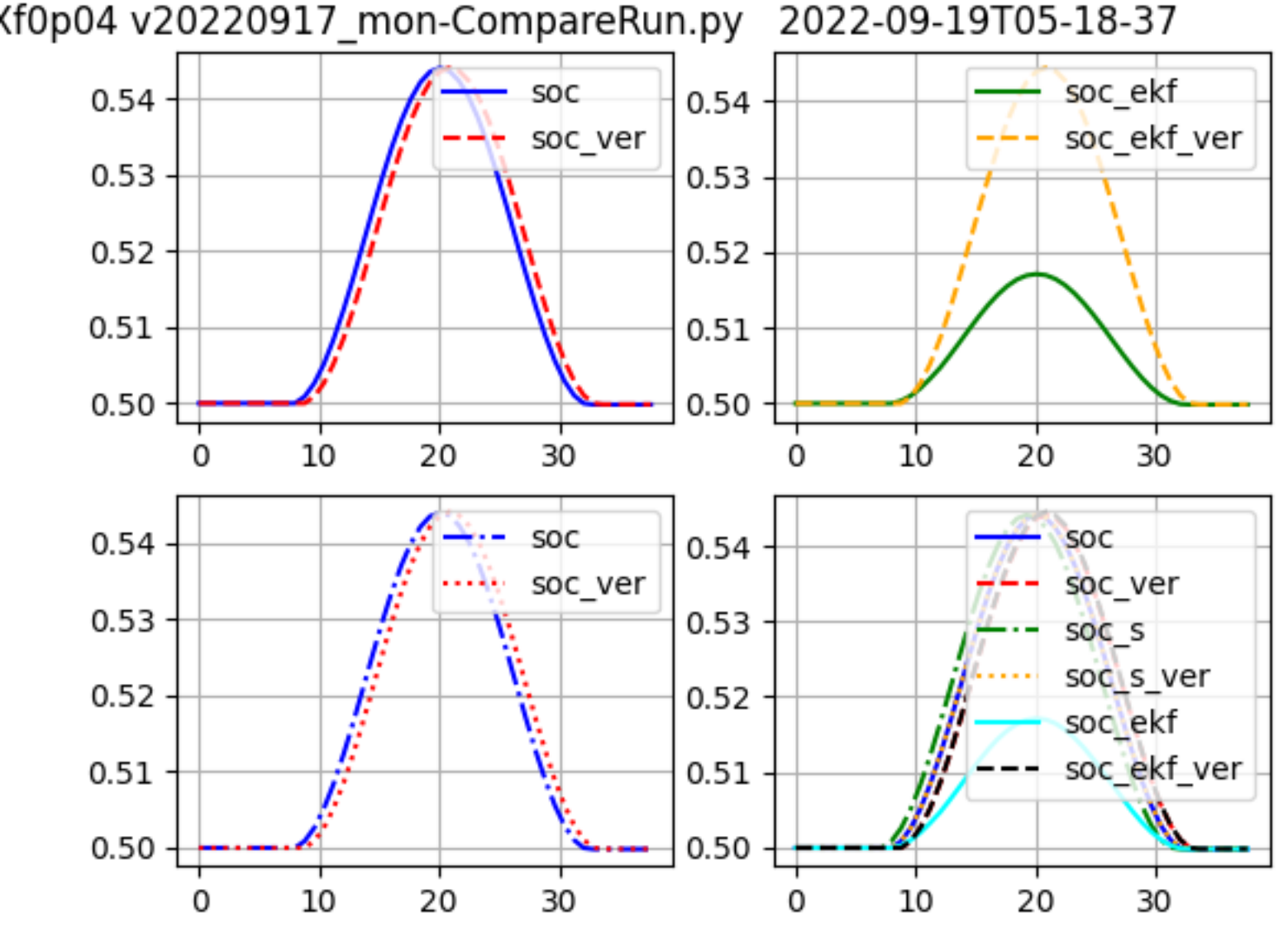


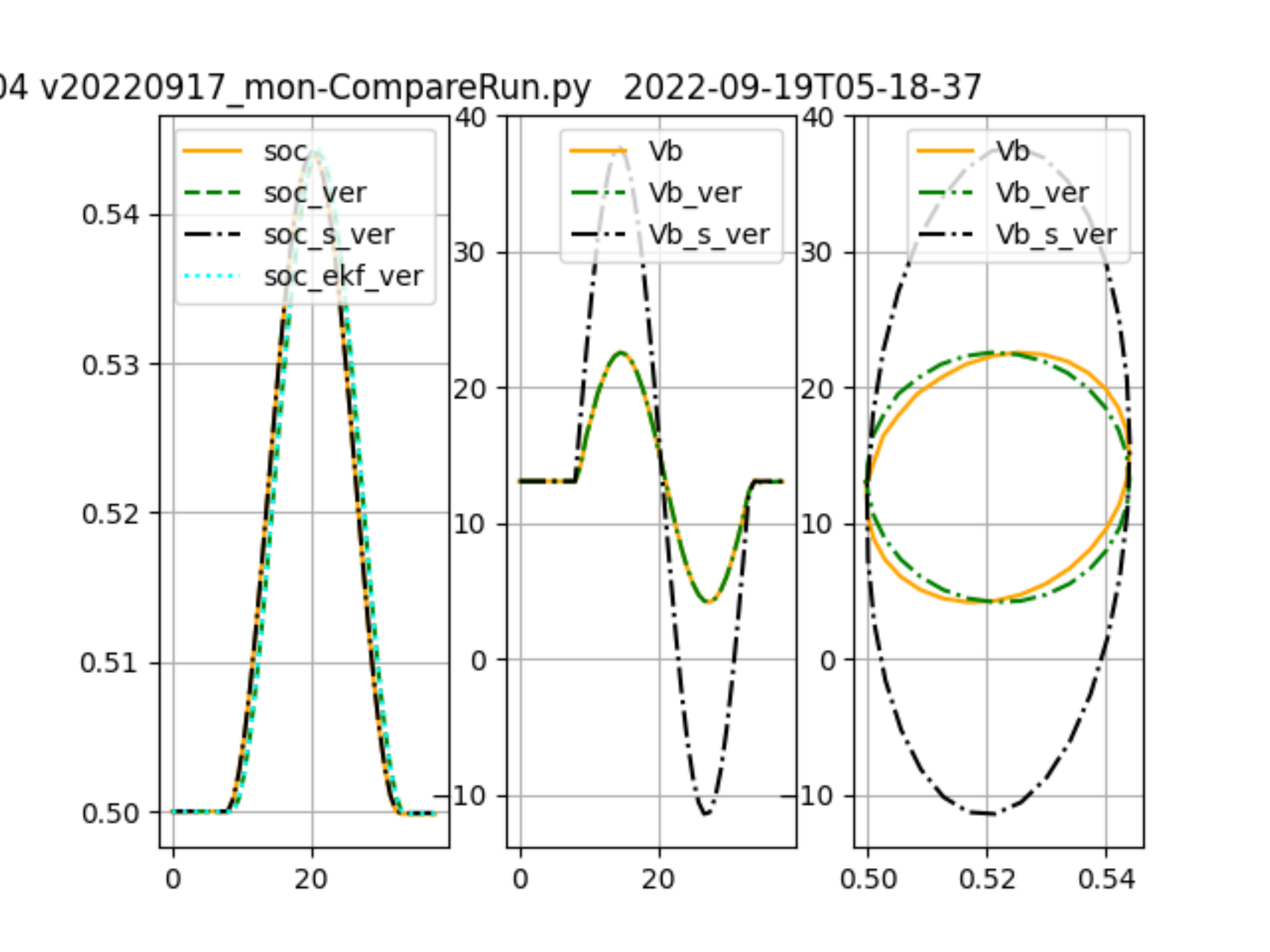


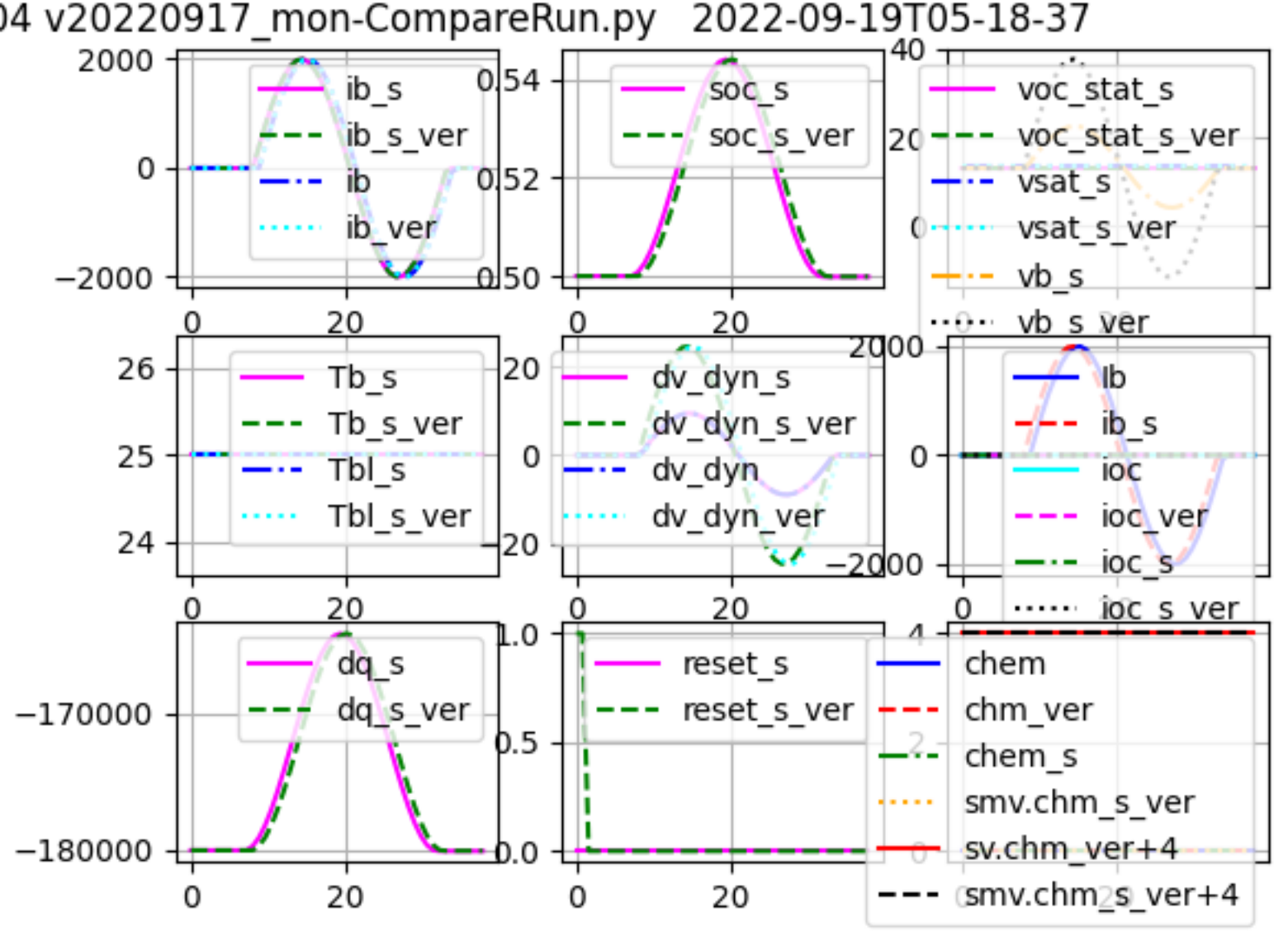

KF_Track Dr800 Xf0p04 v20220917_mon-CompareRun.py 2022-09-19T05-18
SIM voc_stat vs soc_ver
13.1000
13.0975
13.0950
13.0925
13.0900
13.0875
13.0850
13.0825
13.0800
0.50
0.51
0.52
0.53
0.54

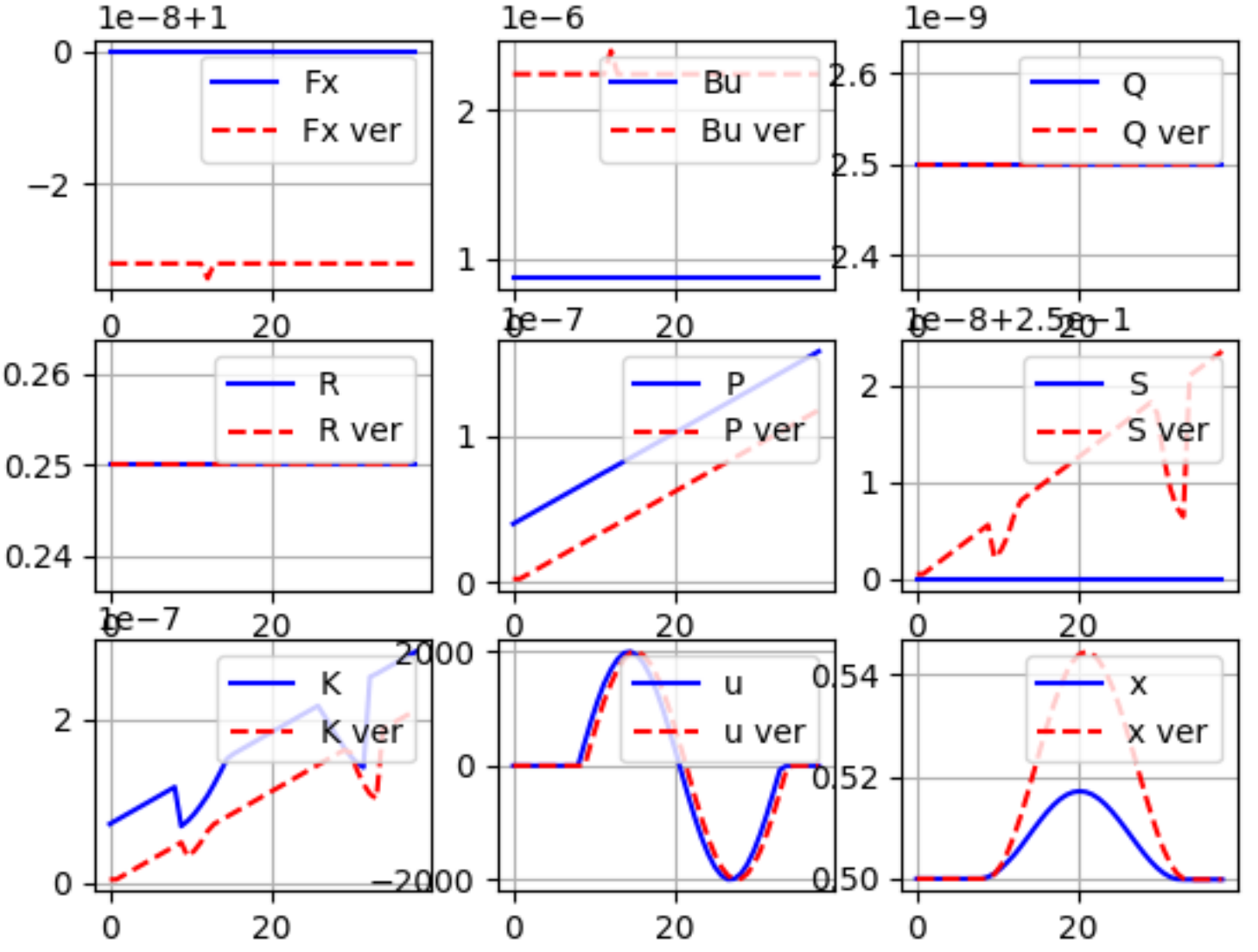

Xf0p04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37
Mon Randles u[2]=vb_ver
Mon Randles y=voc_ver
Mon Randles x[1]_ver
Mon Randles x[2]_ver
Mon Randles x_dot[1]_ver
Mon Randles x_dot[2]_ver
Mon Randles u[1]=Ib_ver

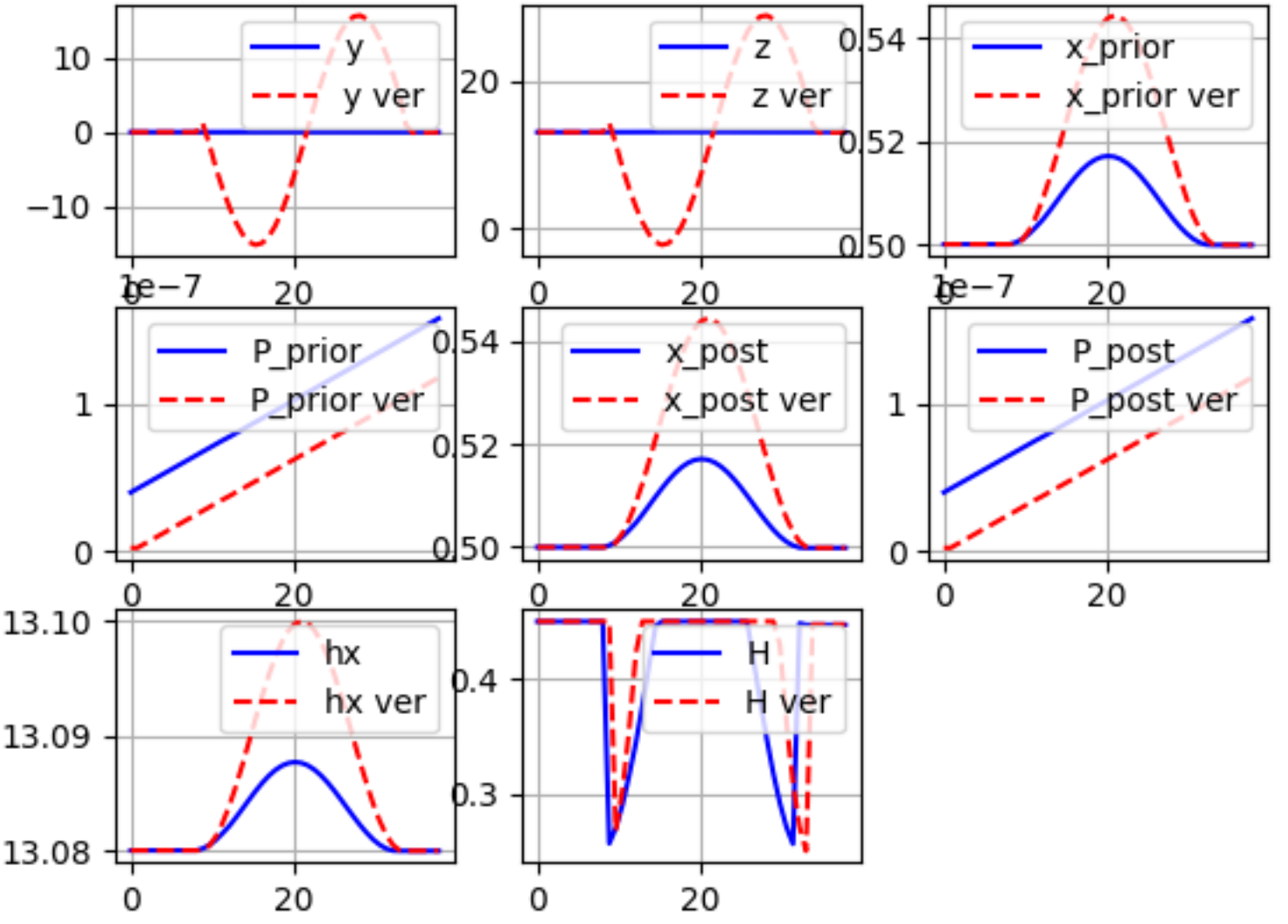

Xf0p04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37
dV_dyn
dv_dyn_ver
Voc_stat
Voc_stat_ver
Voc
Voc_ver
Voc_ekf
Voc_ekf_ver
y_ekf
y_ekf_ver
y_filt_ver
y_filt2_ver
dV_hys
dv_hys_s_ver
dv_hys_req_s_ver
dv_hys_s
dv_hys_req_s
dv_hys_ver
temp_c
temp_c_ver
mon_mod
sim_mod


Xf0p04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37
soc
soc_ver
soc_ekf
soc_ekf_ver
soc_s
soc_s_ver
0.54
0.53
0.52
0.51
0.50
0
10
20
30


04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37
soc
soc_ver
soc_s_ver
soc_ekf_ver
Vb
Vb_ver
Vb_s_ver
Vb
Vb_ver
Vb_s_ver
0.54
0.53
0.52
0.51
0.50
40
30
20
10
0
−10
0
20
0
20
0.50
0.52
0.54


04 v20220917_mon-CompareRun.py 2022-09-19T05-18-37
ib_s
ib_s_ver
ib
ib_ver
soc_s
soc_s_ver
voc_stat_s
voc_stat_s_ver
vsat_s
vsat_s_ver
vb_s
vb_s_ver
Tb_s
Tb_s_ver
Tbl_s
Tbl_s_ver
dv_dyn_s
dv_dyn_s_ver
dv_dyn
dv_dyn_ver
Ib
ib_s
ioc
ioc_ver
ioc_s
ioc_s_ver
dq_s
dq_s_ver
reset_s
reset_s_ver
chem
chm_ver
chem_s
smv.chm_s_ver
sv.chm_ver+4
smv.chm_s_ver+4


1e−8+1
Fx
Fx ver
1e−6
Bu
Bu ver
1e−9
Q
Q ver
R
R ver
1e−7
P
P ver
1e−8+2.5e−1
S
S ver
1e−7
K
K ver
u
u ver
x
x ver


y
y ver
z
z ver
x_prior
x_prior ver
P_prior
P_prior ver
x_post
x_post ver
P_post
P_post ver
hx
hx ver
H
H ver
1e−7