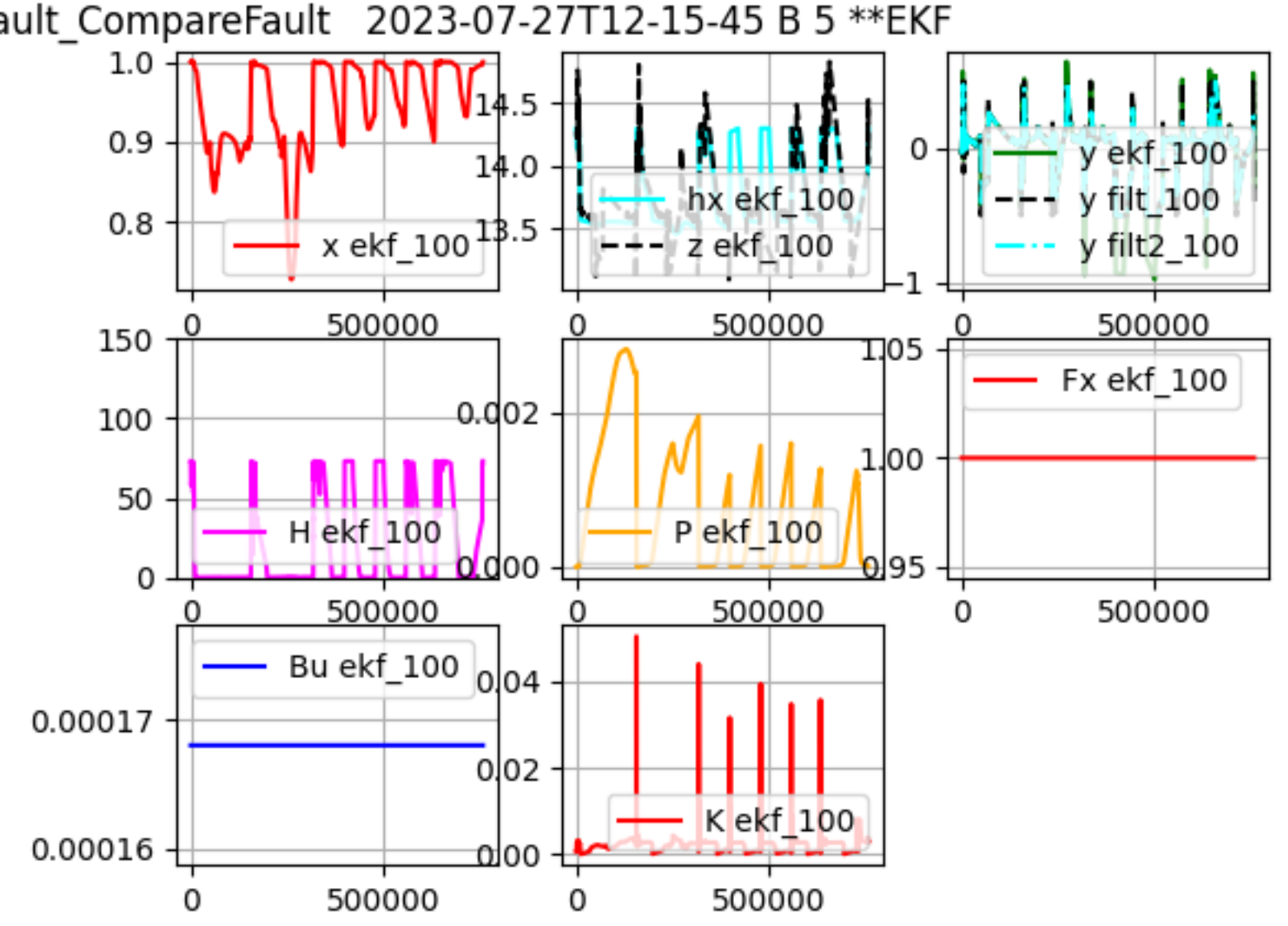
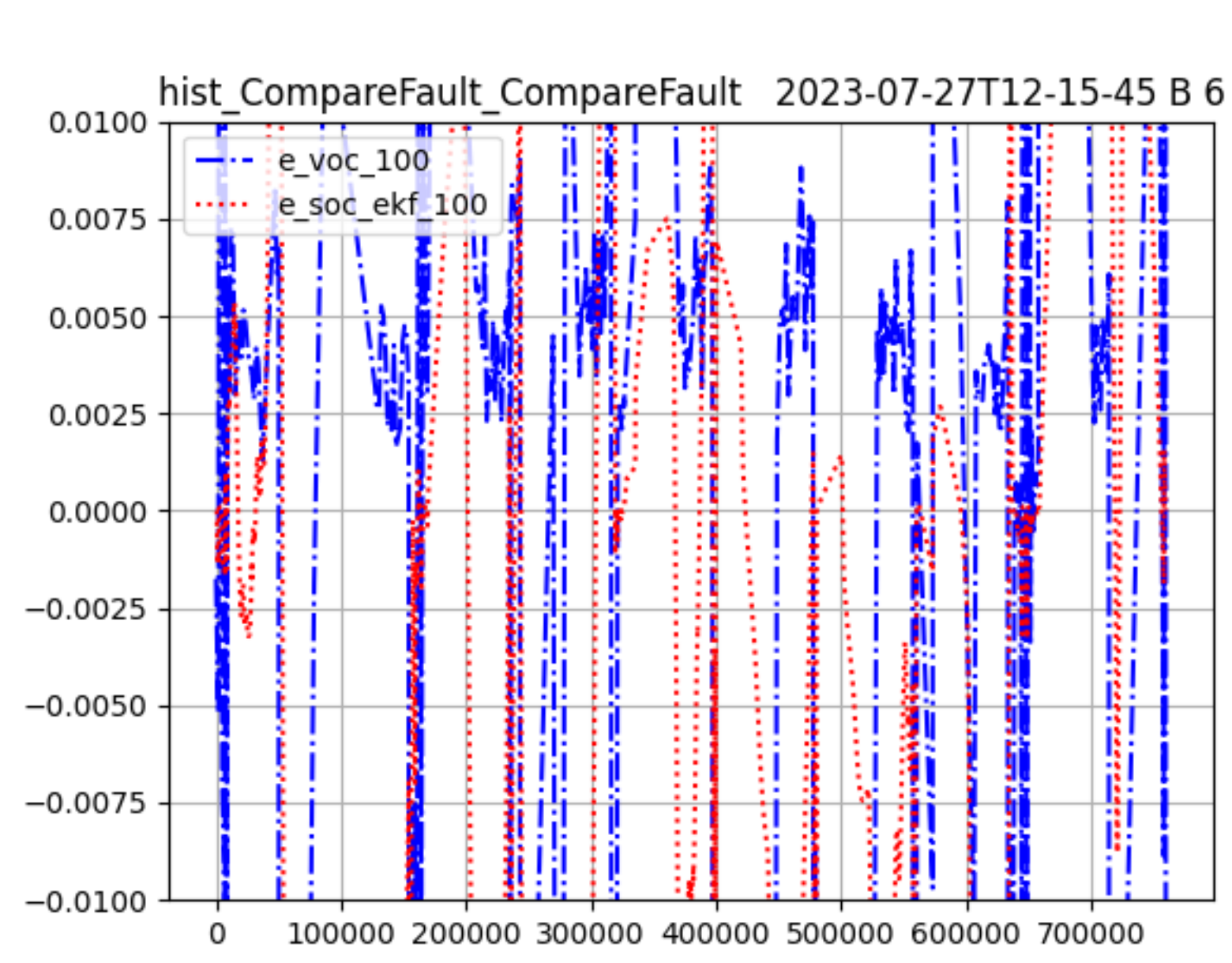
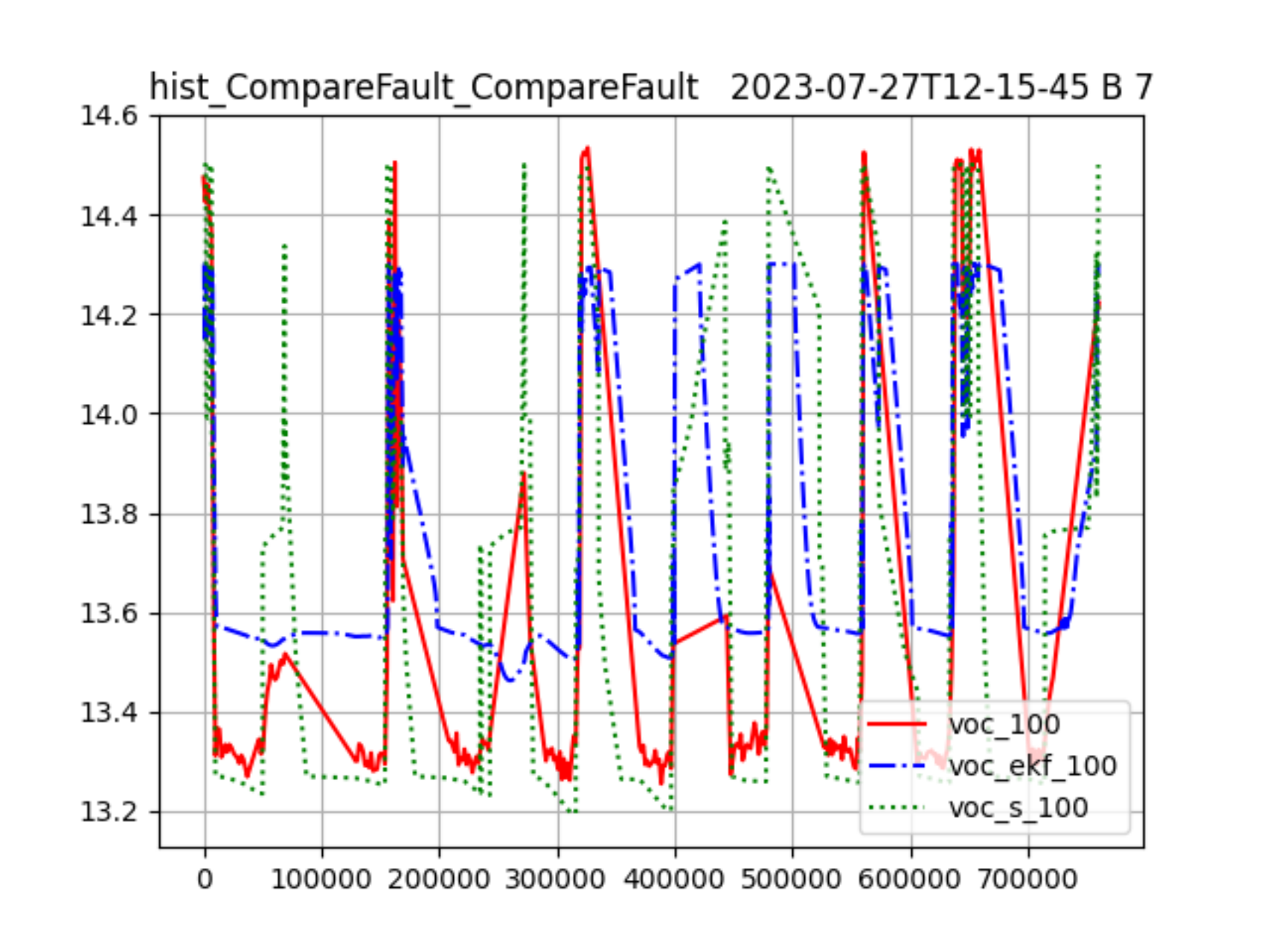
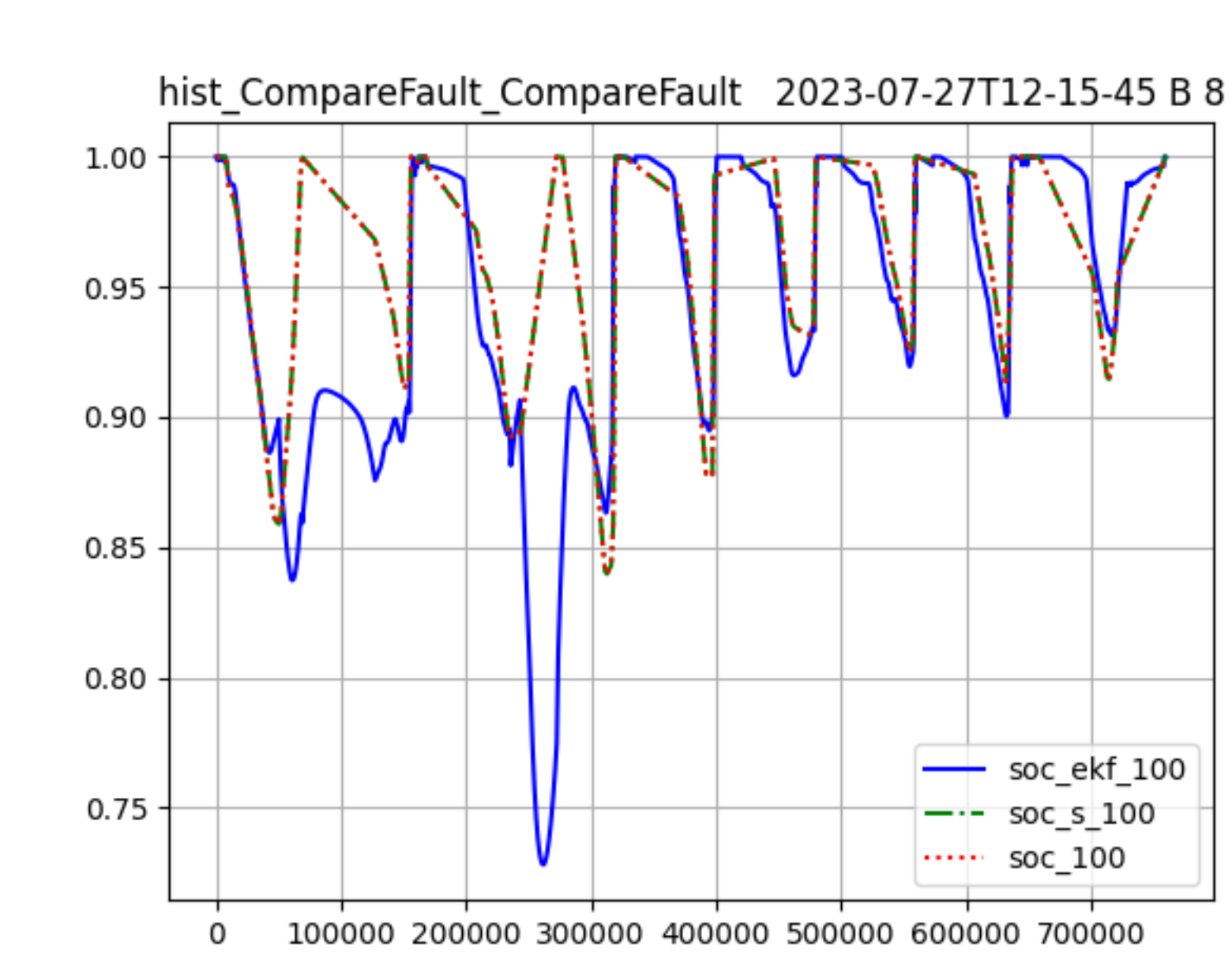
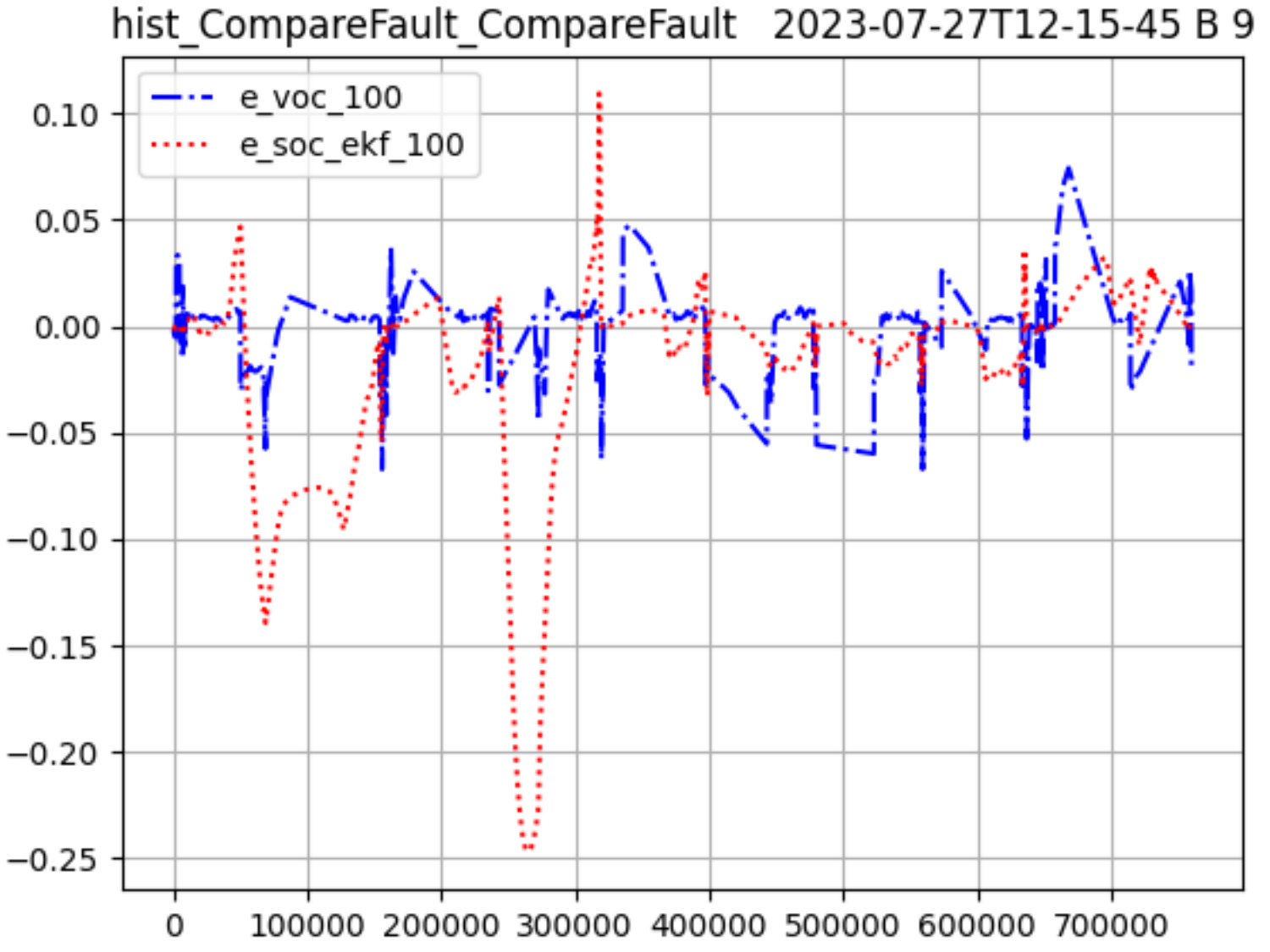

ault_CompareFault 2023-07-27T12-15-45 B 5 **EKF
x ekf_100
hx ekf_100
z ekf_100
y ekf_100
y filt_100
y filt2_100
H ekf_100
P ekf_100
Fx ekf_100
Bu ekf_100
K ekf_100

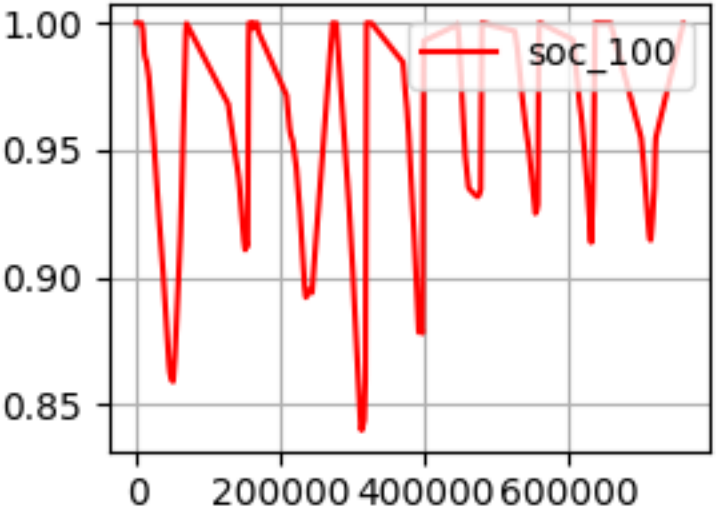

hist_CompareFault_CompareFault 2023-07-27T12-15-45 B 6
e_voc_100
e_soc_ekf_100
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.0100
0
100000
200000
300000
400000
500000
600000
700000

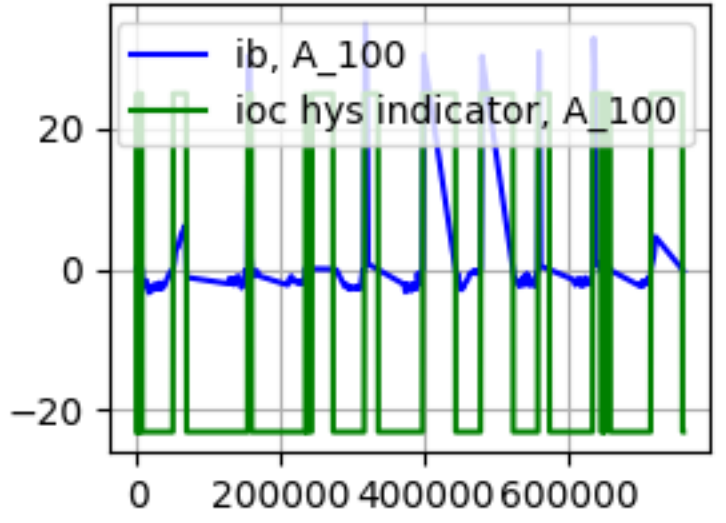

hist_CompareFault_CompareFault 2023-07-27T12-15-45 B 7
14.6
14.4
14.2
14.0
13.8
13.6
13.4
13.2
0
100000
200000
300000
400000
500000
600000
700000
voc_100
voc_ekf_100
voc_s_100

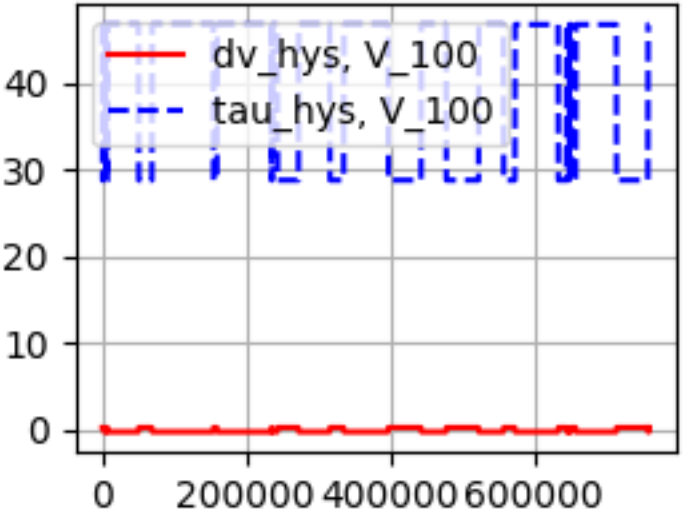

hist_CompareFault_CompareFault 2023-07-27T12-15-45 B 8
1.00
0.95
0.90
0.85
0.80
0.75
0
100000
200000
300000
400000
500000
600000
700000
soc_ekf_100
soc_s_100
soc_100

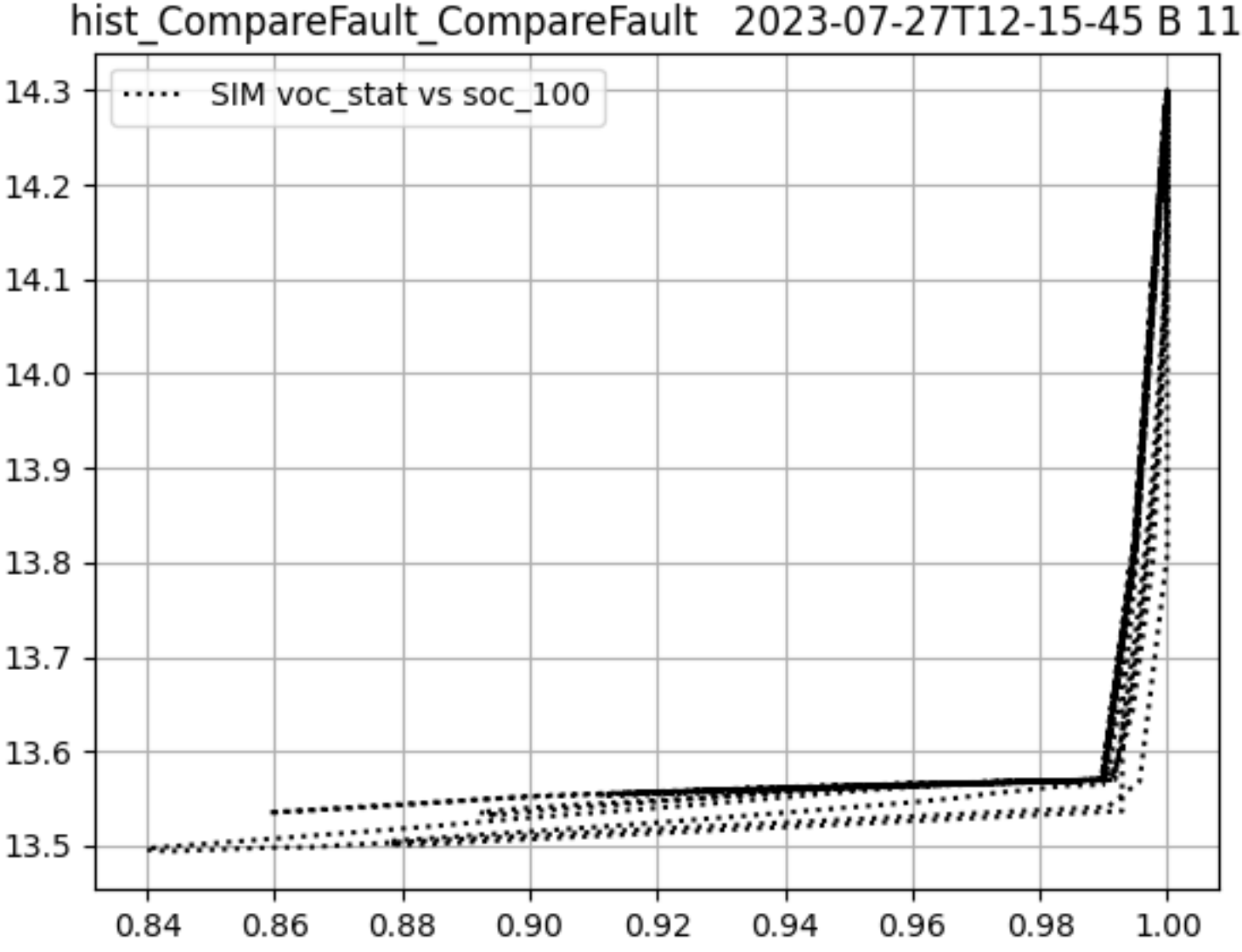

hist_CompareFault_CompareFault 2023-07-27T12-15-45 B 9
e_voc_100
e_soc_ekf_100
0.10
0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
0
100000
200000
300000
400000
500000
600000
700000

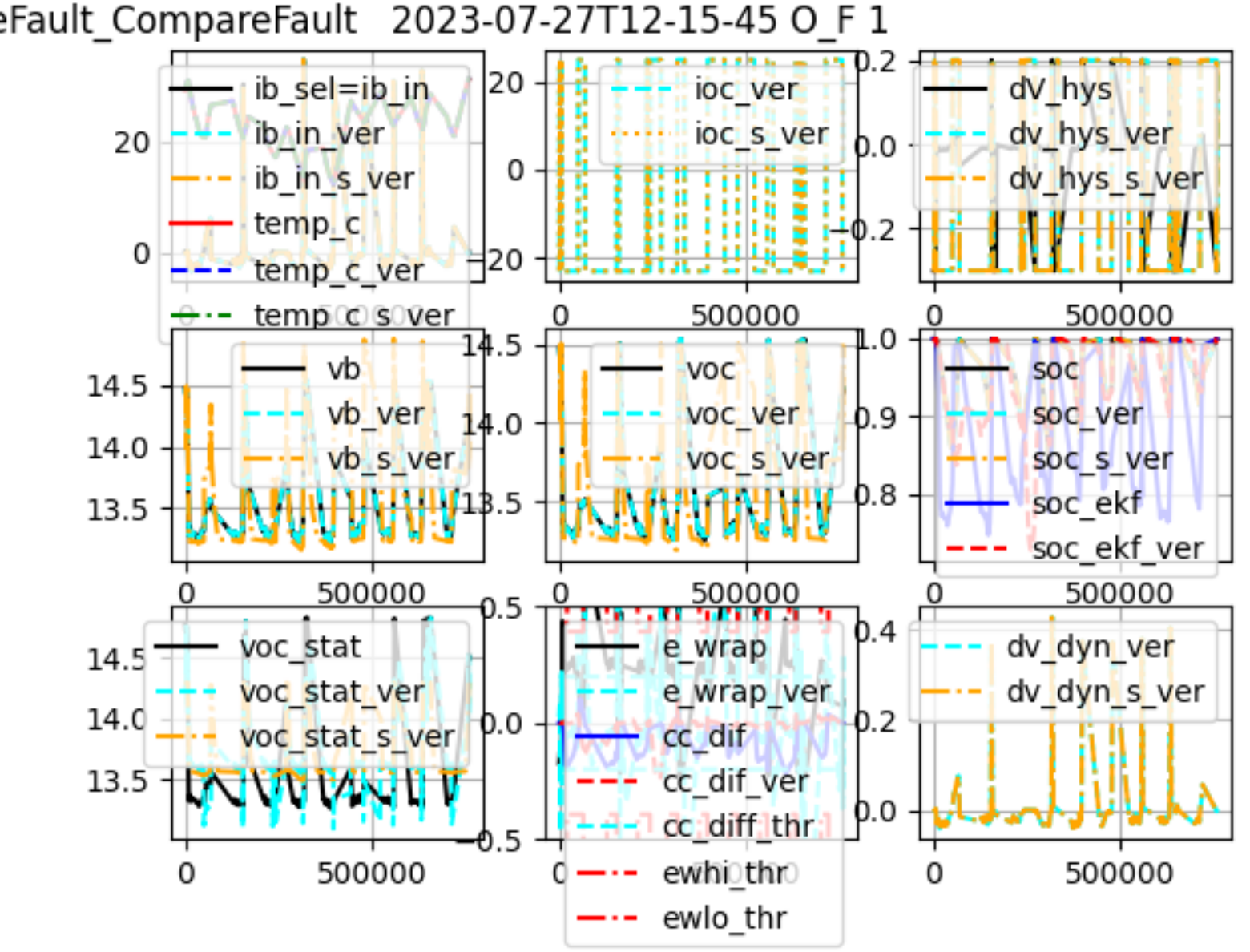
mpareFault_CompareFault 2023-07-27T12-15-45 B 10

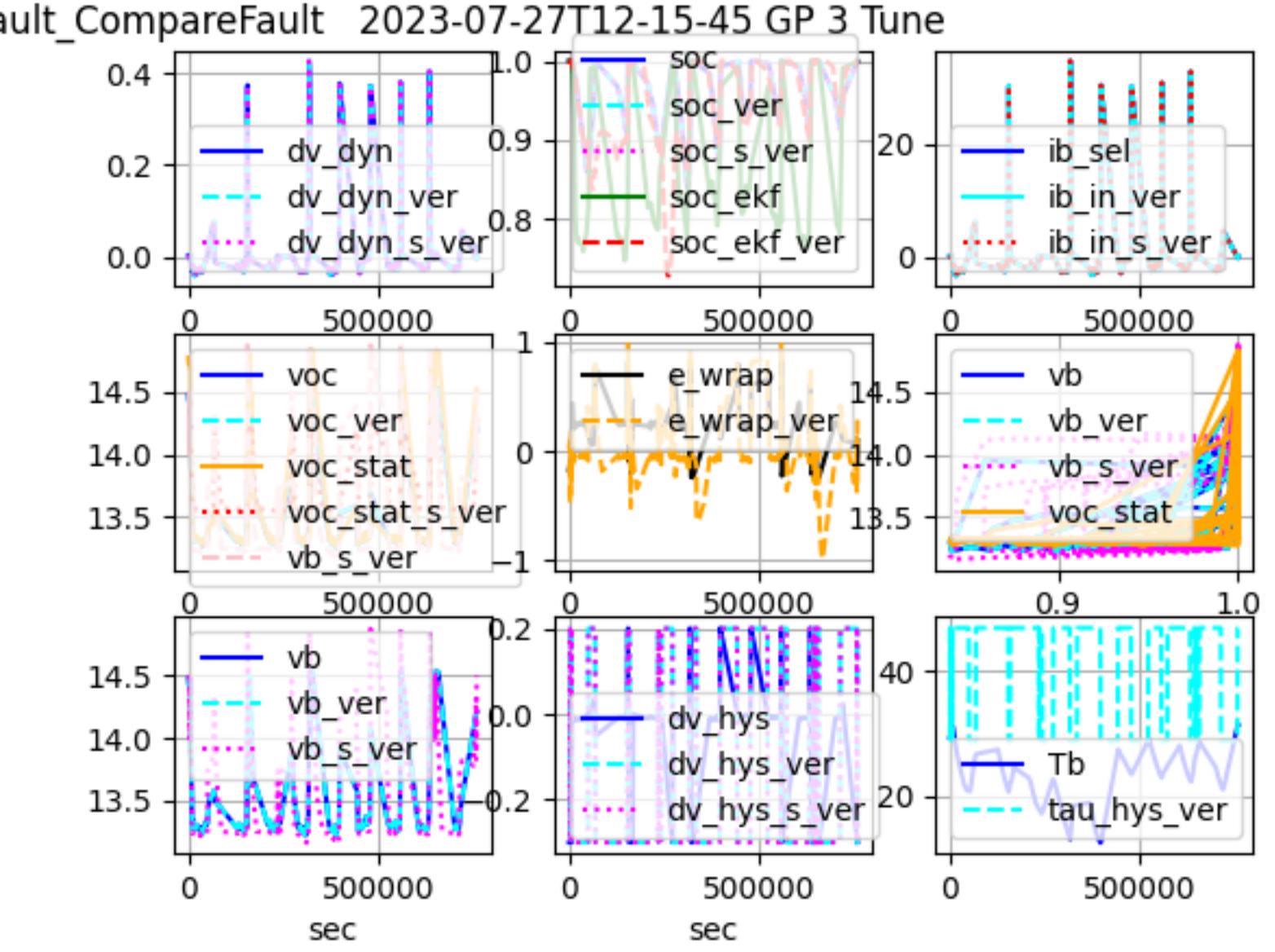







hist_CompareFault_CompareFault 2023-07-27T12-15-45 B 11
SIM voc_stat vs soc_100
14.3
14.2
14.1
14.0
13.9
13.8
13.7
13.6
13.5
0.84
0.86
0.88
0.90
0.92
0.94
0.96
0.98
1.00


eFault_CompareFault 2023-07-27T12-15-45 O_F 1
ib_sel=ib_in
ib_in_ver
ib_in_s_ver
temp_c
temp_c_ver
temp_c_s_ver
ioc_ver
ioc_s_ver
dV_hys
dv_hys_ver
dv_hys_s_ver
vb
vb_ver
vb_s_ver
voc
voc_ver
voc_s_ver
soc
soc_ver
soc_s_ver
soc_ekf
soc_ekf_ver
voc_stat
voc_stat_ver
voc_stat_s_ver
e_wrap
e_wrap_ver
cc_dif
cc_dif_ver
cc_diff_thr
ewhi_thr
ewlo_thr
dv_dyn_ver
dv_dyn_s_ver
0
500000


ault_CompareFault 2023-07-27T12-15-45 GP 3 Tune
dv_dyn
dv_dyn_ver
dv_dyn_s_ver
soc
soc_ver
soc_s_ver
soc_ekf
soc_ekf_ver
ib_sel
ib_in_ver
ib_in_s_ver
voc
voc_ver
voc_stat
voc_stat_s_ver
vb_s_ver
e_wrap
e_wrap_ver
vb
vb_ver
vb_s_ver
voc_stat
vb
vb_ver
vb_s_ver
dv_hys
dv_hys_ver
dv_hys_s_ver
Tb
tau_hys_ver
sec
sec