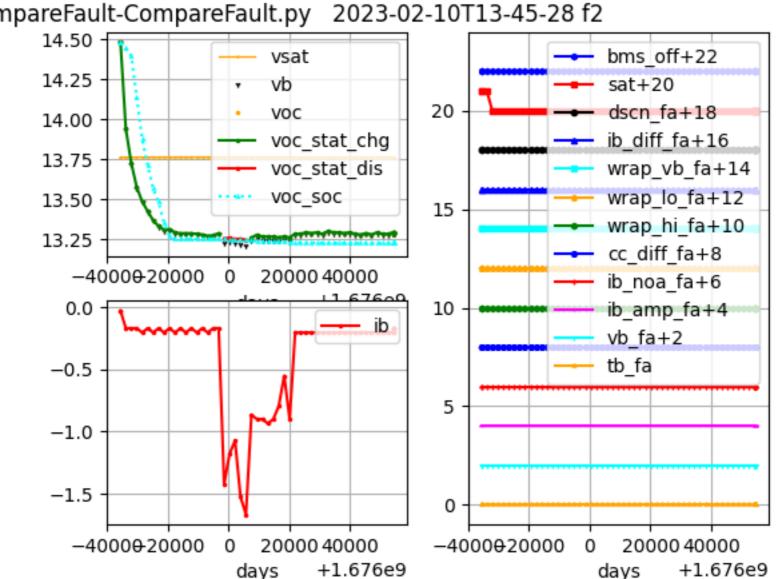
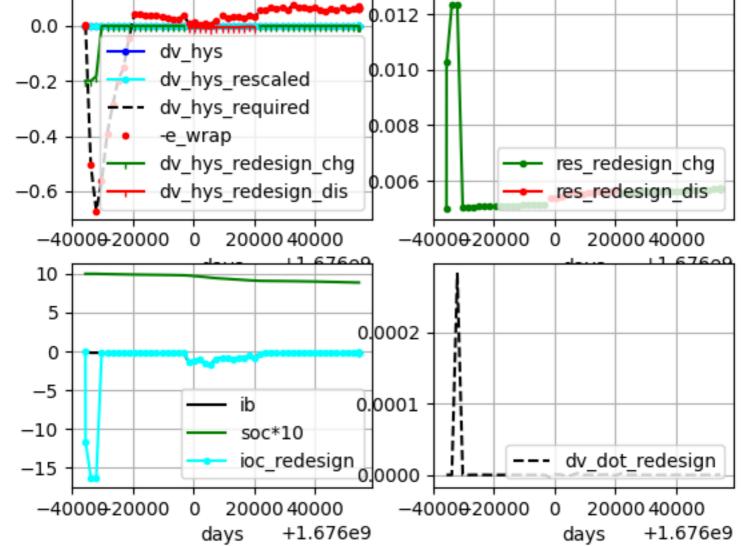
faults eFault-CompareFault.py 2023-02-10T13-45-28 f1 1.0 ib 16.0 SOC soc_ekf 0.9 **1**5.8 0.8 15.6 5000p.0 50000 50000 tweak sclr amp falw tweak sclr noa **00** soc ekf -5 -0.05 50000 50000 0.5 dv hys νb e wrap dy hys rescaled wrap_vb_fa VOC dy hys required wrap lo fa-1 voc_stat_chg wrap hi fa+113.5 0.5-e wrap voc stat dis dv_hys_remodel dv_hys_redesign_chg 00 50000 50000 day±1.676e9 day±1.676e9 dv hys redesign dis 9

faults

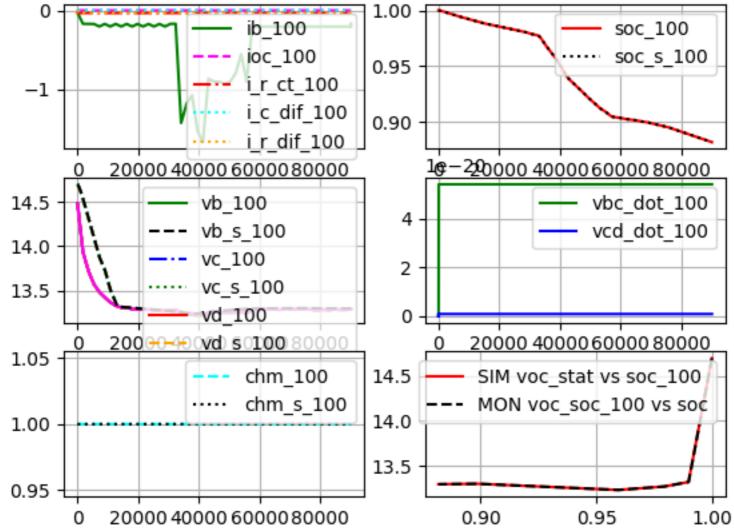


faults
npareFault-CompareFault.py 2023-02-10T13-45-28 f3

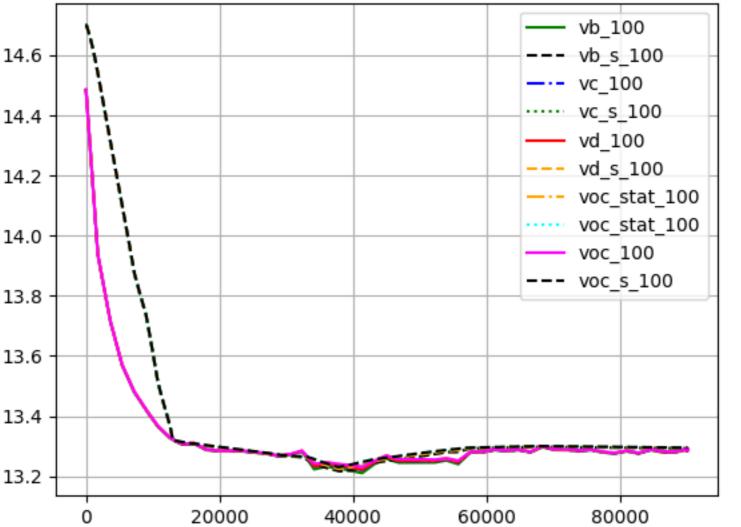


eFault-CompareFault.py 2023-02-10T13-45-28 f4 10 νb ib sat+2ib diff 14.0 0 ib_diff_thr 13.5 -10<u>5000</u>0 50000 50000 14.5 wrap_hi_flt+4 voc stat e_wrap_filt ewhi thr wrap lo flt+4 vsat 14.0 0 voc soc+0.1 ewlo thr wrap hi fa+2 voc+0.1wrap lo fa+2 13.5 wrap vb fa+2 cc diff fa 50000 50000 0.01 +1.676e9 cc_diff ib_diff_flt+2 cc diff thr ib diff fa+2 0.00 1 vb flt vb fa tb flt 0 -0.0150000 tb fa 50000 +1.676e9 +1.676e9

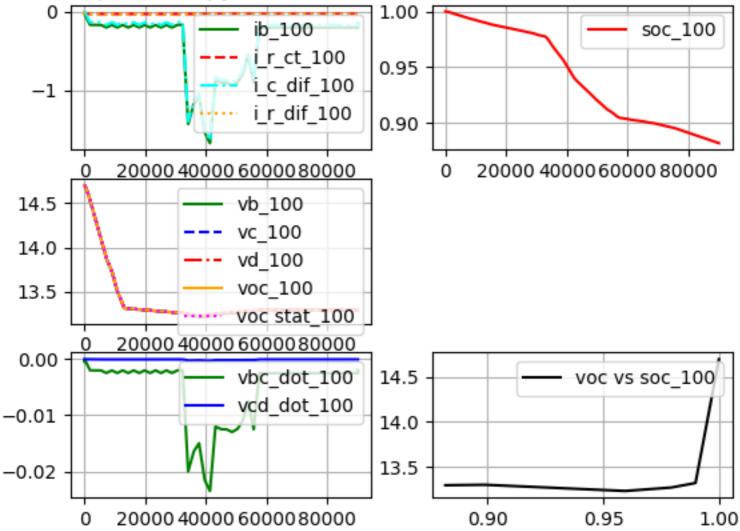
npareFault-CompareFault.py 2023-02-10T13-45-28 B 1



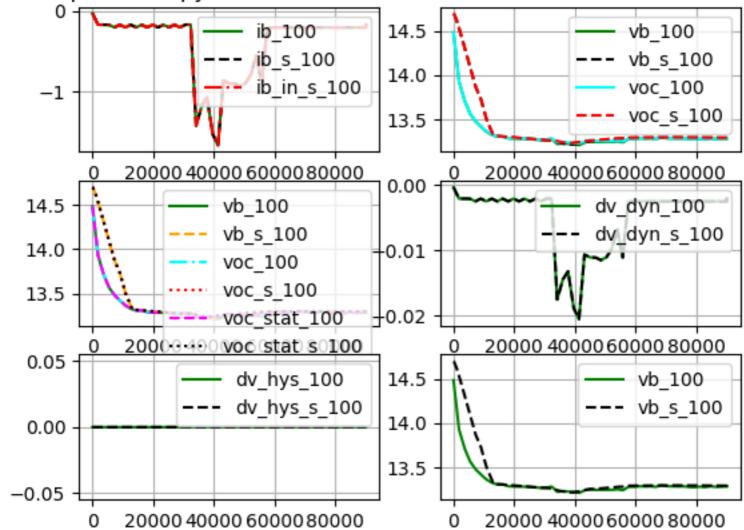
hist_CompareFault-CompareFault.py 2023-02-10T13-45-28 B 2



reFault-CompareFault.py 2023-02-10T13-45-28 B 3 **SIM



ault-CompareFault.py 2023-02-10T13-45-28 B 4 MON vs SIM



ılt-CompareFault.py 2023-02-10T13-45-28 B 5 **EKF 1.00 14.5 000 y ekf 100 14.0 0.95 hx ekf 100 y filt_100 -0.05 z ekf_100 x ekf 100^{13.5} y filt2_100 50000 50000 50000 150 0.0010 T,05 Fx ekf 100 100 0.0d05 1,00 50 P ekf_100 H ekf 100 0l95 0.0000 0 **b**e−5 50000 50000 50000 Bu ekf 100.0025 2.9 0.0doo 2.8 -0.0025 K ekf 100 2.7

50000

50000

0