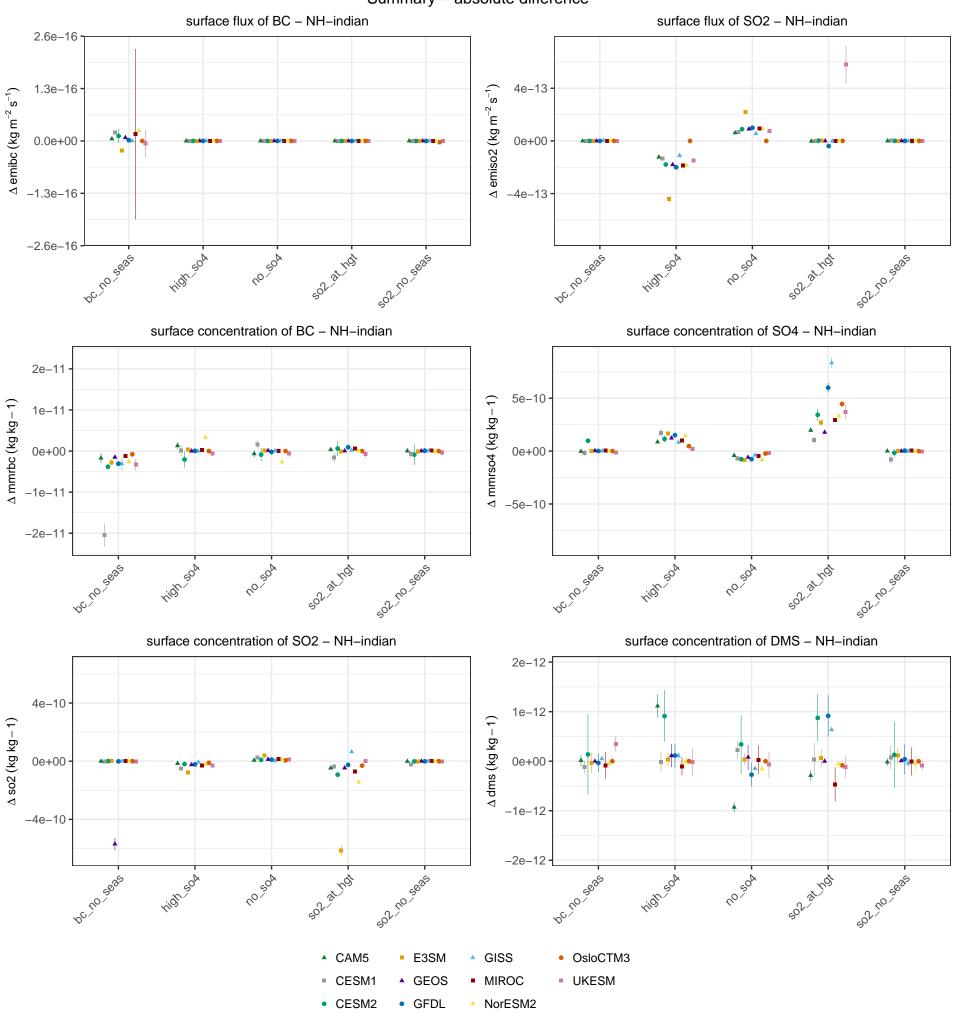
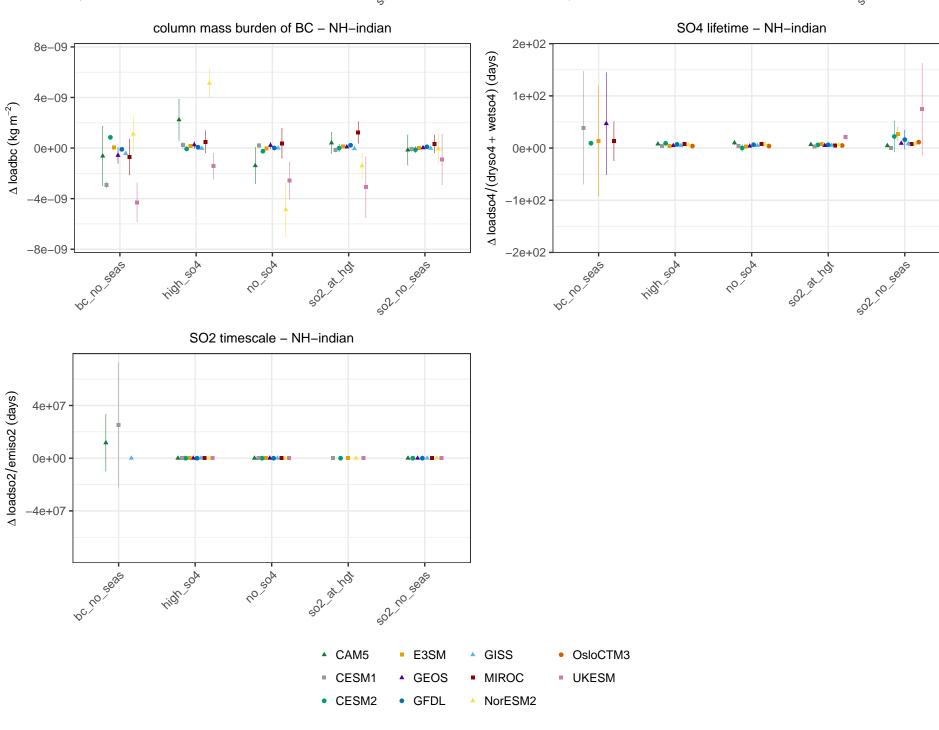
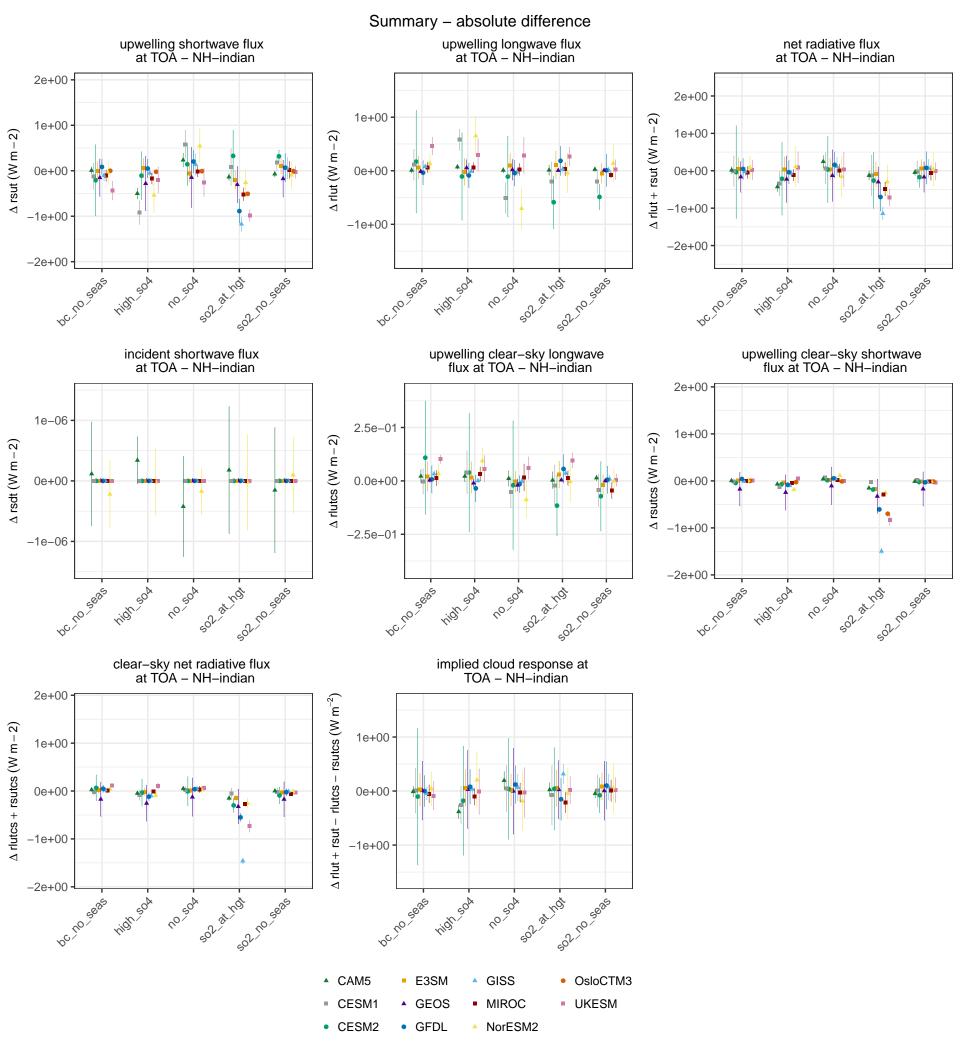
Summary – absolute difference



Summary – absolute difference column mass burden of SO4 - NH-indian column mass burden of SO2 - NH-indian 5.0e-07 1e-06 2.5e-07 $\Delta \log 4 (\mathrm{kg} \ \mathrm{m}^{-2})$ $\Delta \log \log ({\rm kg~m}^{-2})$ 0e+00 0.0e+00 -2.5e-07 -1e-06 -5.0e-07 sol at hot column mass burden of BC - NH-indian SO4 lifetime - NH-indian 2e+02 8e-09 ∆ loadso4/(dryso4 + wetso4) (days) 1e+02 4e-09 0e+00 0e+00 -4e-09 -1e+02 -8e-09 -2e+02 1050A ROSOA solation SO2 timescale - NH-indian 4e+07 0e+00





Summary - absolute difference ambient aerosol optical thickness at 550nm – NH–indian total cloud cover - NH-indian 1e+00 1e-01 5e-01 Δ clt (percent) ∆ od550aer 0e+00 0e+00 -5e-01 -1e-01 -1e+00convective cloud cover - NH-indian surface cloud cover - NH-indian 2e-01 1e-01 1e-01 5e-02 Δ cltc (percent) Δ cl (percent) 0e+00 0e+00 -5e-02 -1e-01 -1e-01 -2e-01 1050A ice water path - NH-indian 2e-03 Δ clivi (kg $\mathrm{m}^{-2})$ 1e-03 0e+00 -1e-03 -2e-03 righ soa 10 30A

▲ CAM5

CESM1

• CESM2

E3SM

• GFDL

GEOS

GISS

MIROC

NorESM2

OsloCTM3

UKESM

