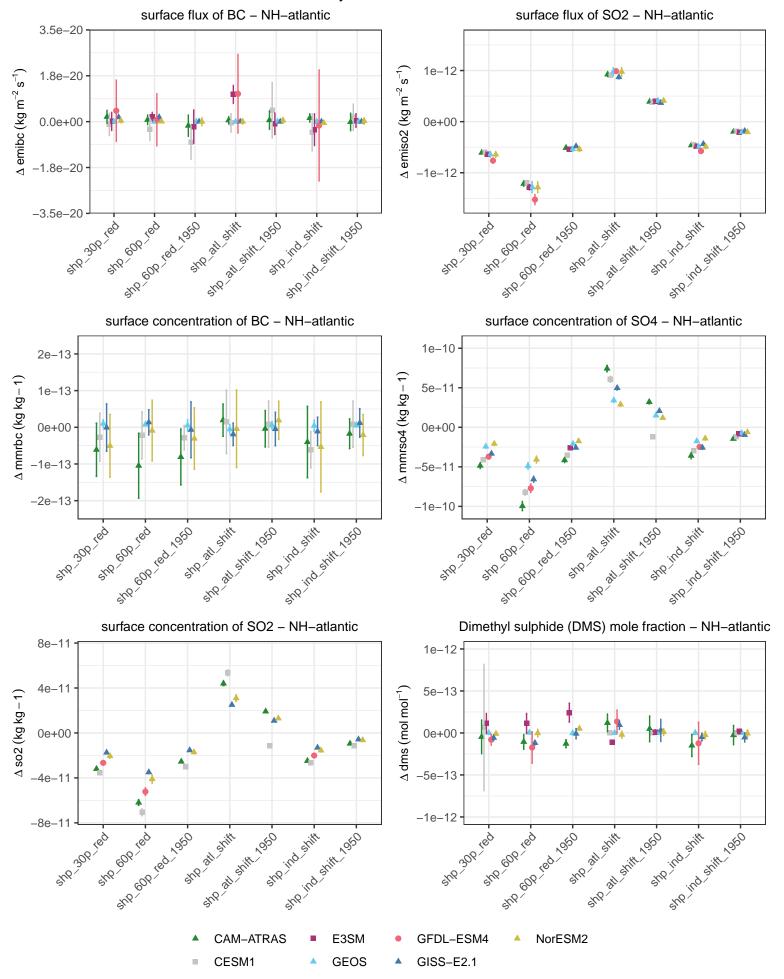
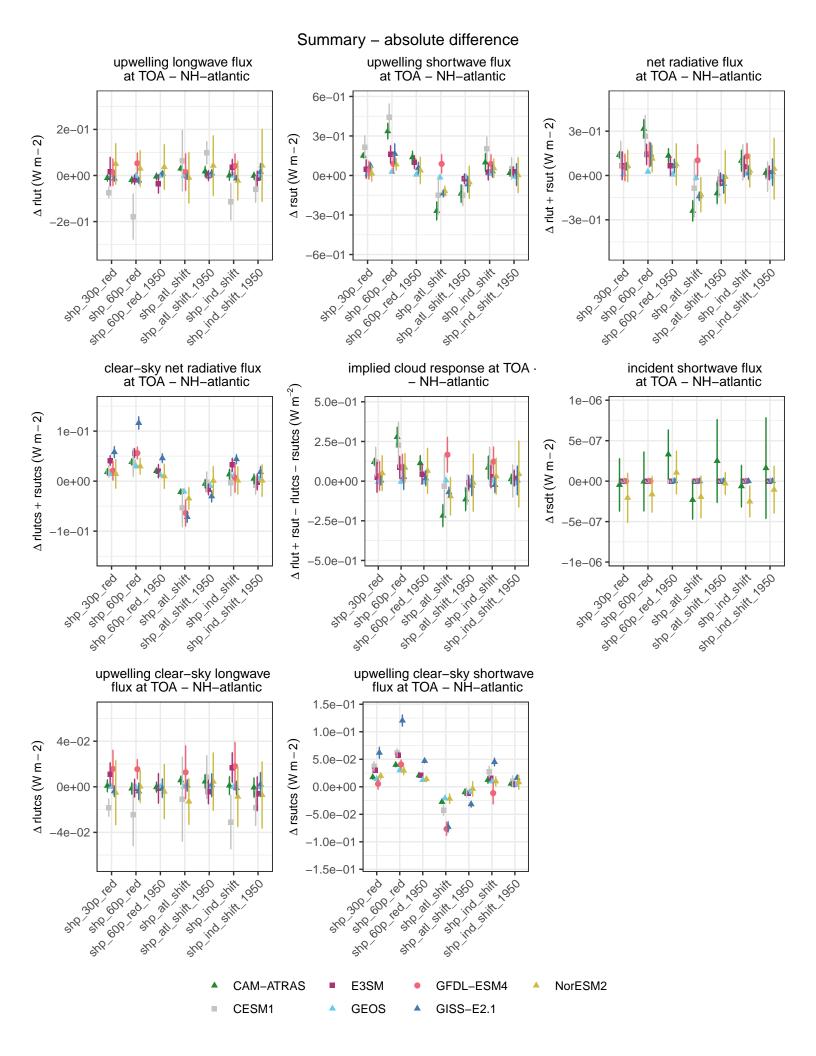
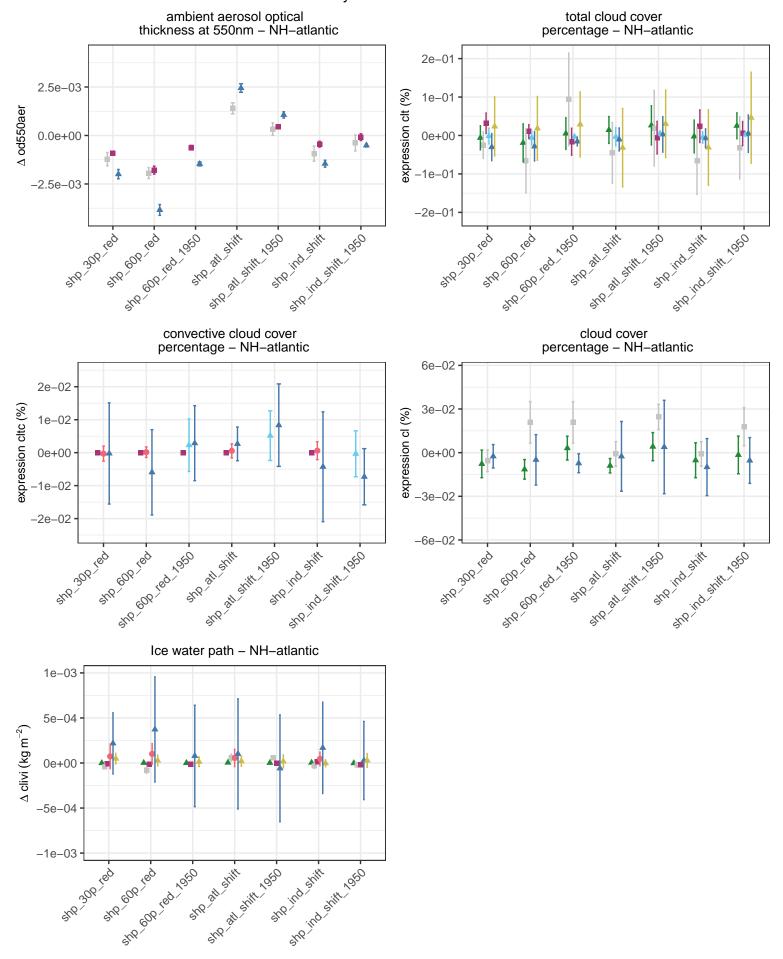
Summary - absolute difference





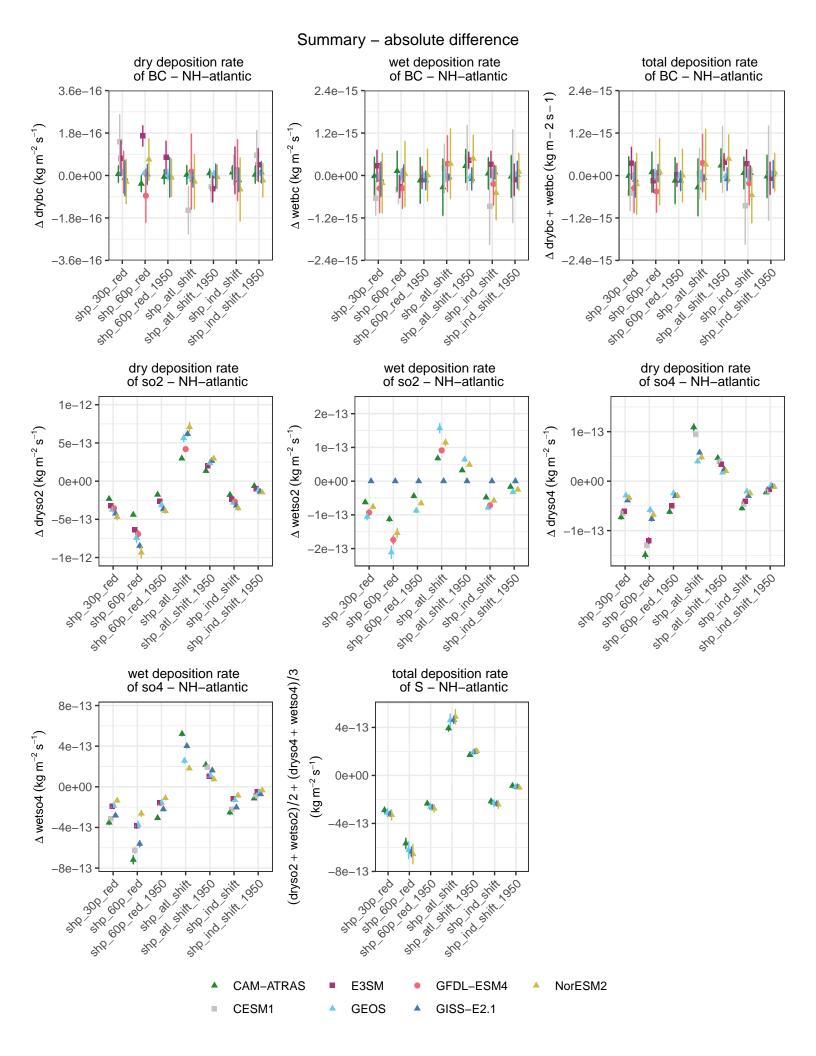
Summary - absolute difference



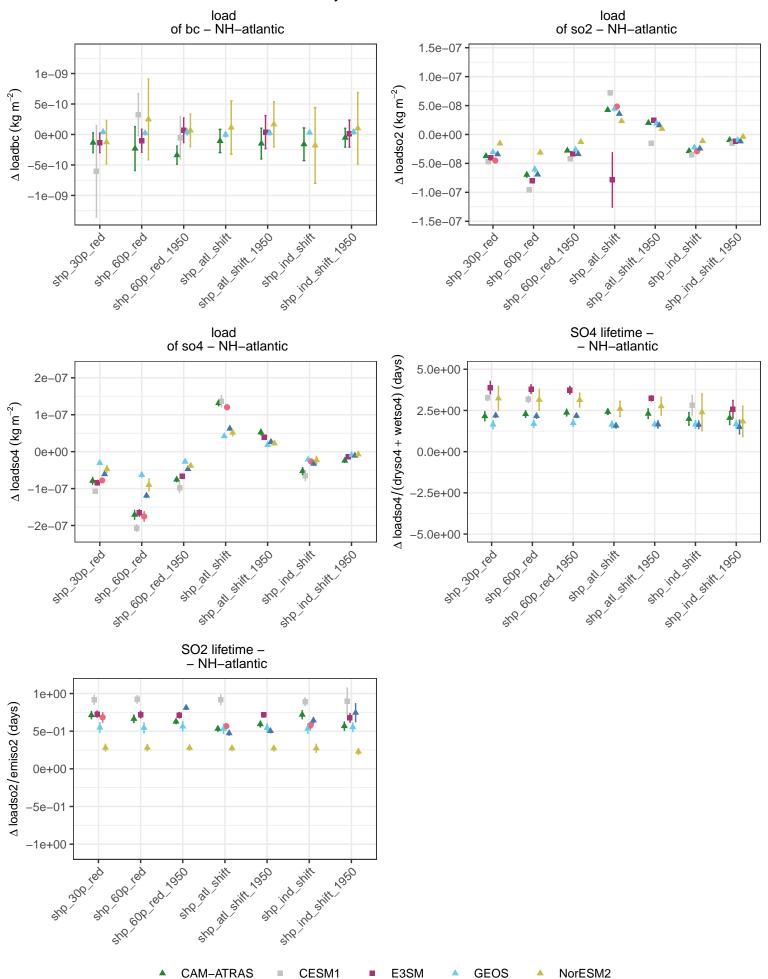
CESM1

E3SM

GISS-E2.1



Summary - absolute difference



Summary - absolute difference Δ clear – sky shortwave flux (W m $^{-2}$) 0.05 - Δ shortwave flux (W $\rm m^{-2})$ 0.4 - Δ shortwave flux (W m⁻²) 0.2 0.2 -0.00 0.0 -0.0 --0.05 **-**-0.2 **-**-0.2 **-**-1e-07-5e-08 0e+00 5e-08 -2e-07 -1e-07 0e+00 1e-07 0.3 0.6 0.9 Δ SO2 column burden (kg m⁻²) Δ SO4 column burden (kg m⁻²) Δ SO2 lifetime (days) Δ SO4 column burden (kg m $^{-2}$) 1e-07 **-**∆ SO2 lifetime (days) ∆ SO4 lifetime (days) 0e+00 **-**0.6 0.3 -–2e–07 **-**-1e-07-5e-080e+00 5e-08 -1e-07 -5e-08 0e+00 5e-08 -2e-07 -1e-07 0e+00 Δ SO2 column burden (kg m⁻²) Δ SO4 column burden (kg m⁻²) ∆ SO2 column burden (kg m⁻² 8e-13 **-** Δ SO2 column burden (kg m $^{-2})$ Δ SO2 column burden (kg m $^{-2} angle$ 5e-08 **-**5e-08 **-** Δ DMS (mol mol $^{-1}$) 4e-13 0e+00 **-**0e+00 -0e+00 -5e-08 **-**-5e-08 **-**-4e-13 **-**-1e-07 -1e-07 -8e-11 -4e-11 0e+00 -1e-07-5e-080e+00 5e-08 Δ SO2 surface flux (kg m⁻² s⁻¹ Δ SO2 (kg kg⁻¹) Δ SO2 lifetime (days)

CAM-ATRAS

CESM1

E3SM

GEOS

GFDL-ESM4

GISS-E2.1

NorESM2