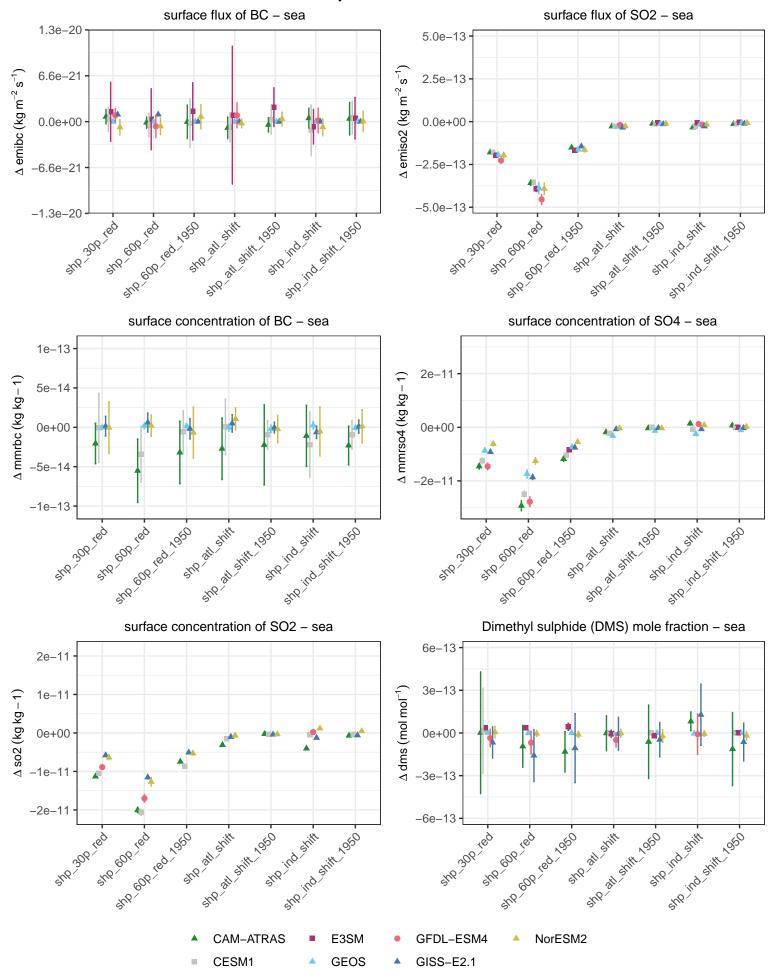
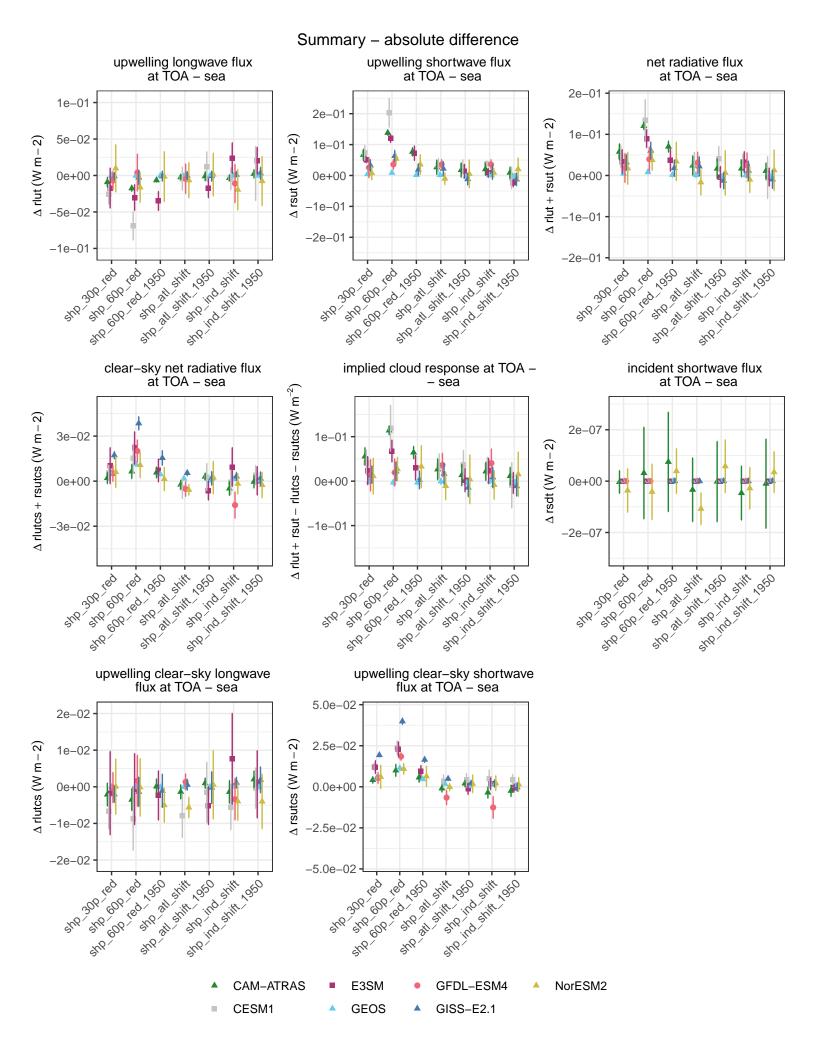
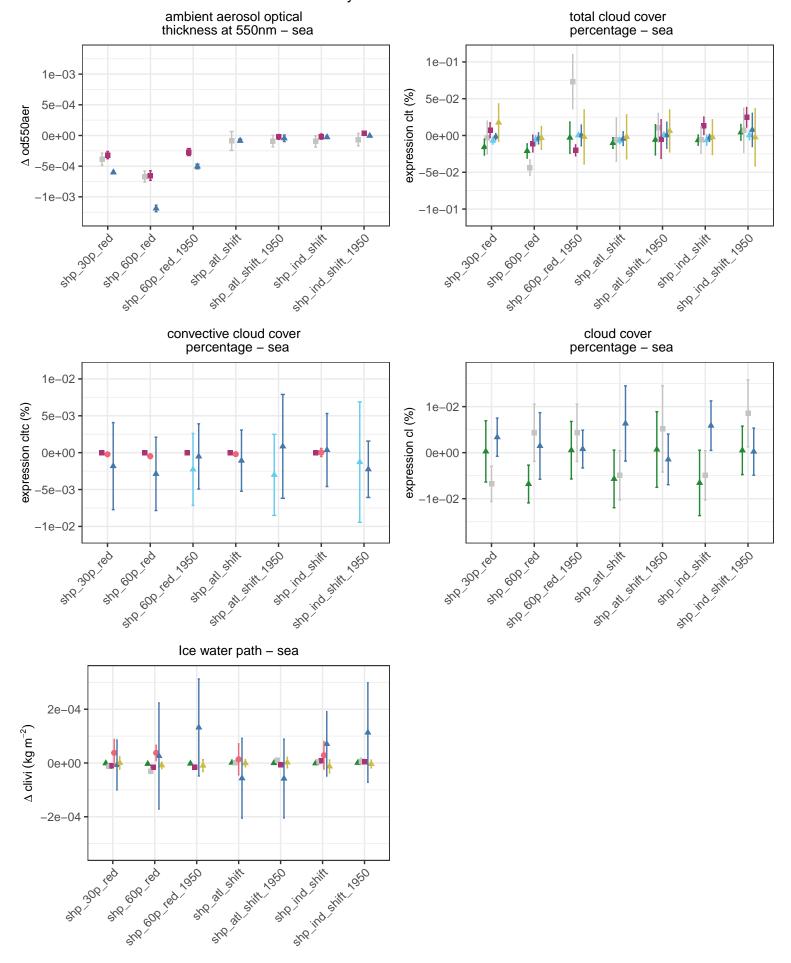
Summary - absolute difference





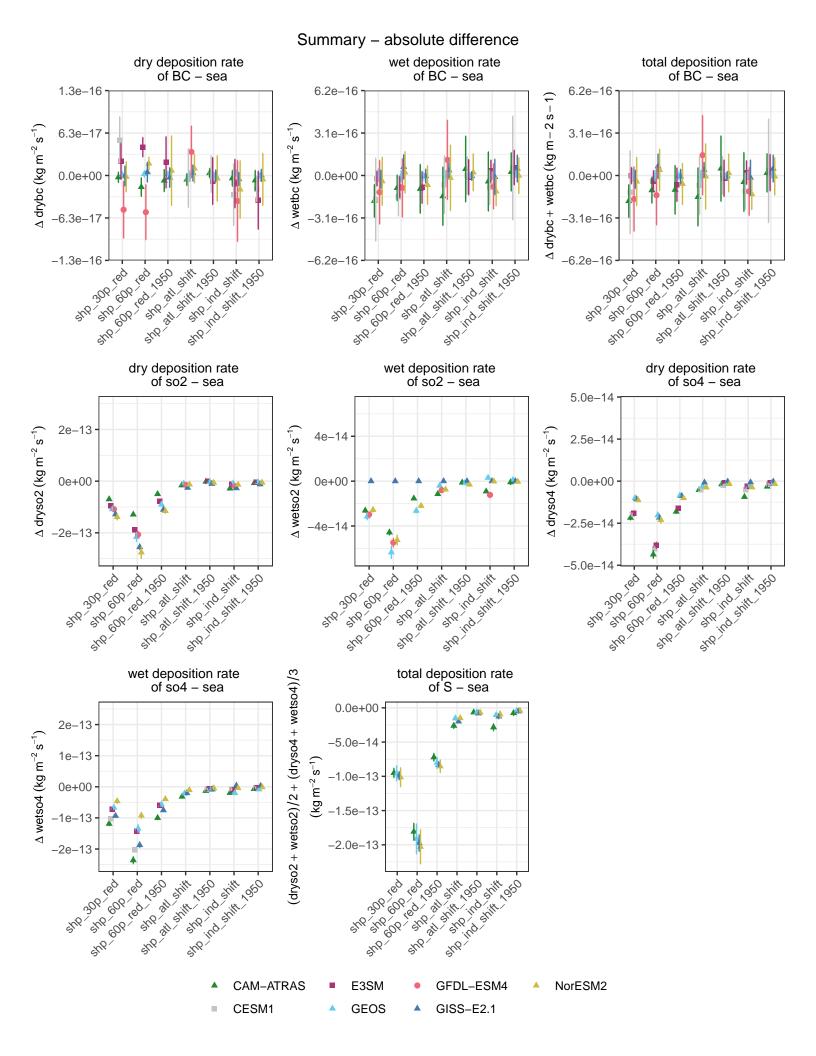
Summary - absolute difference



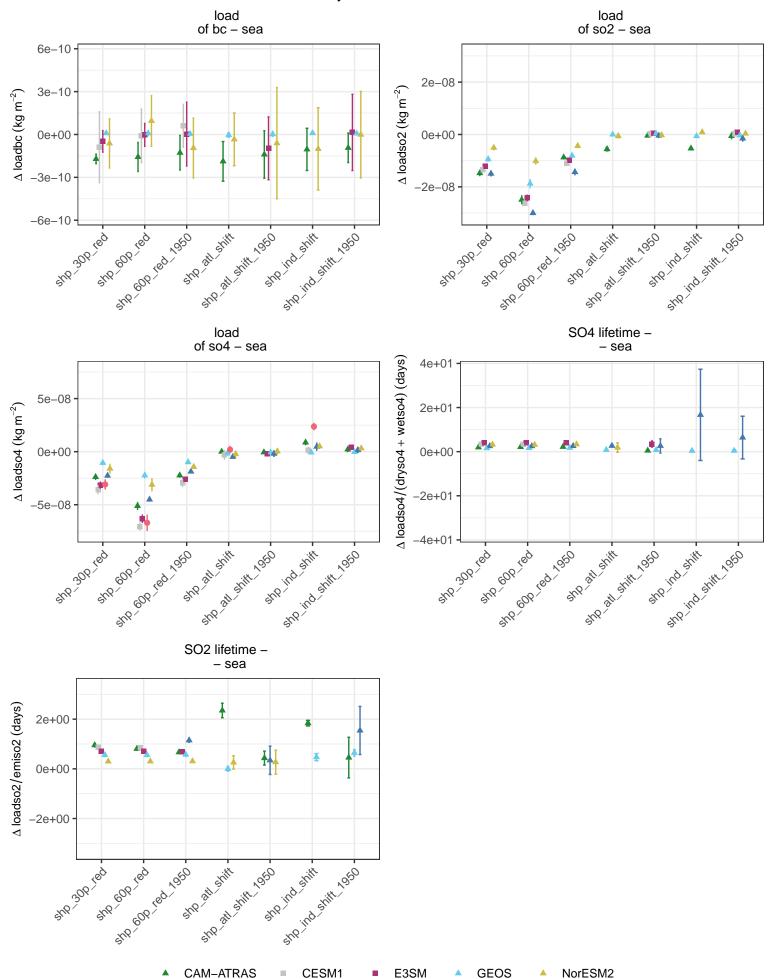
CESM1

E3SM

GISS-E2.1



Summary – absolute difference



Summary - absolute difference Δ clear – sky shortwave flux (W m $^{-2}$) 0.2 - Δ shortwave flux (W m⁻²) 0.2 - Δ shortwave flux (W m⁻²) 0.02 -0.1 -0.1 -0.01 -0.00 0.0 -0.0 -7.5e-085.0e-082.5e-080.0e+002.5e-08 -1e-08 Ö Δ SO4 column burden (kg m⁻²) Δ SO2 column burden (kg m⁻²) Δ SO2 lifetime (days) Δ SO4 column burden (kg m $^{-2})$ 0e+00 -30 -∆ SO4 lifetime (days) Δ SO2 lifetime (days) –2e–08 **-**20 -10 -6e-08 0 -0 --3e-08 -2e-08 -1e-08 0e+00 -7.5e-085.0e-082.5e-080.0e+002.5e-08 -3e-08 -2e-08 -1e-08 0e+00 Δ SO2 column burden (kg m⁻² Δ SO2 column burden (kg m⁻²) Δ SO4 column burden (kg m⁻²) 0e+00 0e+00 Δ SO2 column burden (kg m $^{-2}$) Δ SO2 column burden (kg m $^{-2})$ 2.5e-13 - Δ DMS (mol mol $^{-1}$) -1e-08 -1e-08 0.0e+00 **-**-2e-08 -2e-08 **-**-2.5e-13 -3e-08 -2.0e-111.5e-111.0e-151.0e-020e+00 -3e-08 -2e-08 -1e-08 0e+00 -5e-134e-133e-132e-131 Δ SO2 surface flux (kg $\rm m^{-2}\,s^ \Delta$ SO2 (kg kg⁻¹) Δ SO2 lifetime (days) E3SM NorESM2 CAM-ATRAS GFDL-ESM4

CESM1

GEOS

GISS-E2.1