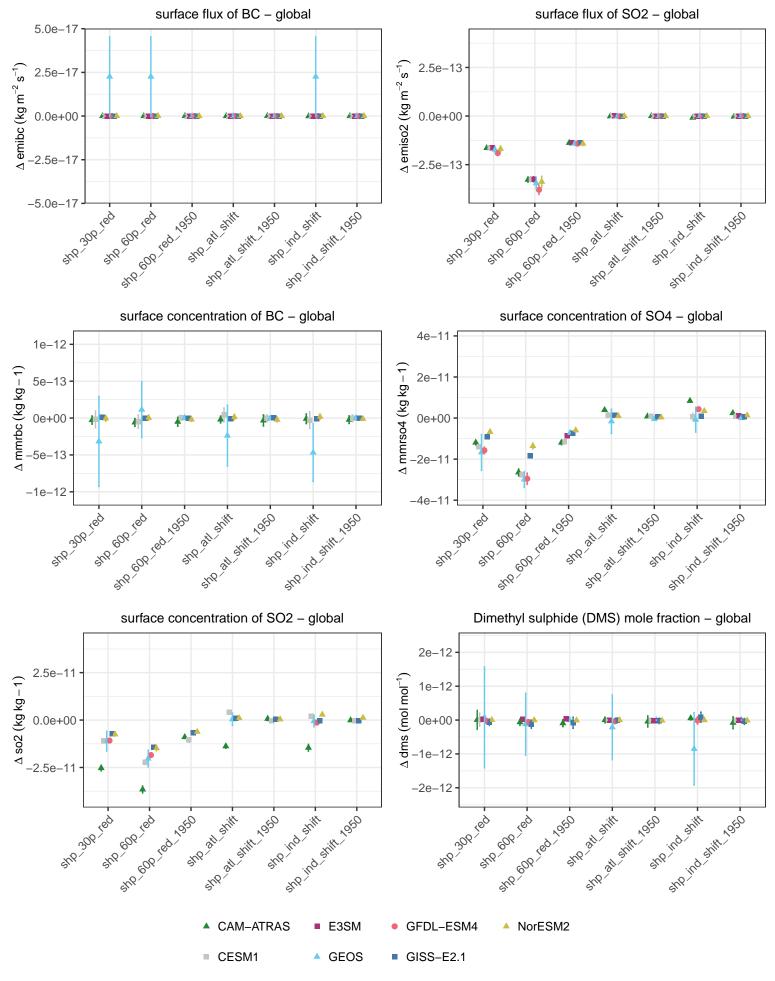
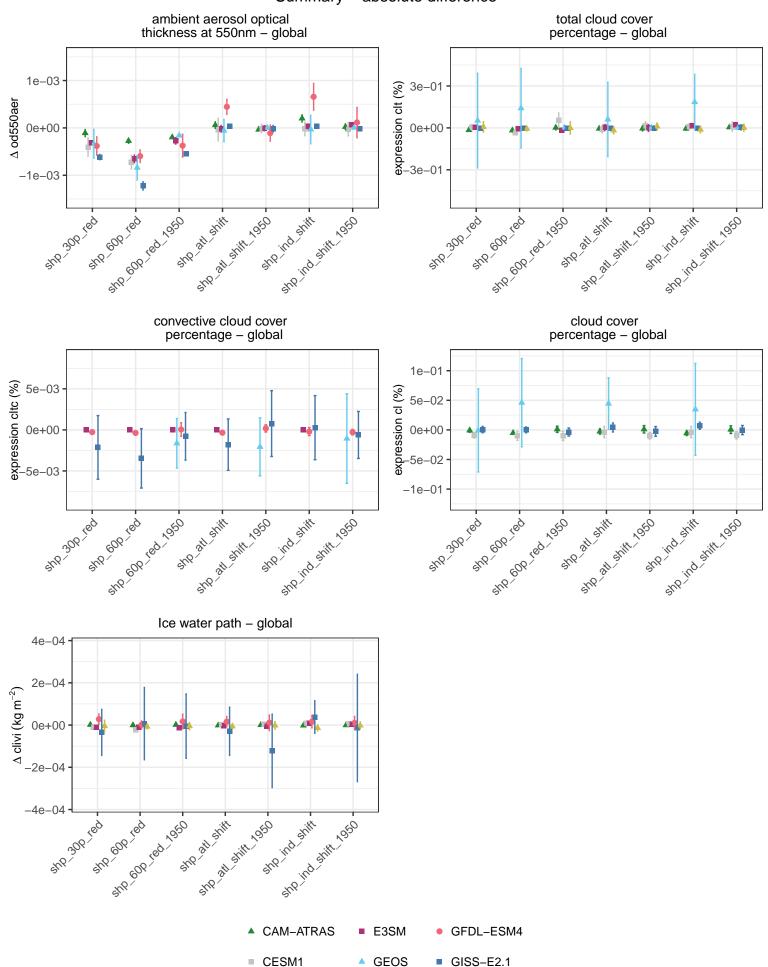
Summary – absolute difference



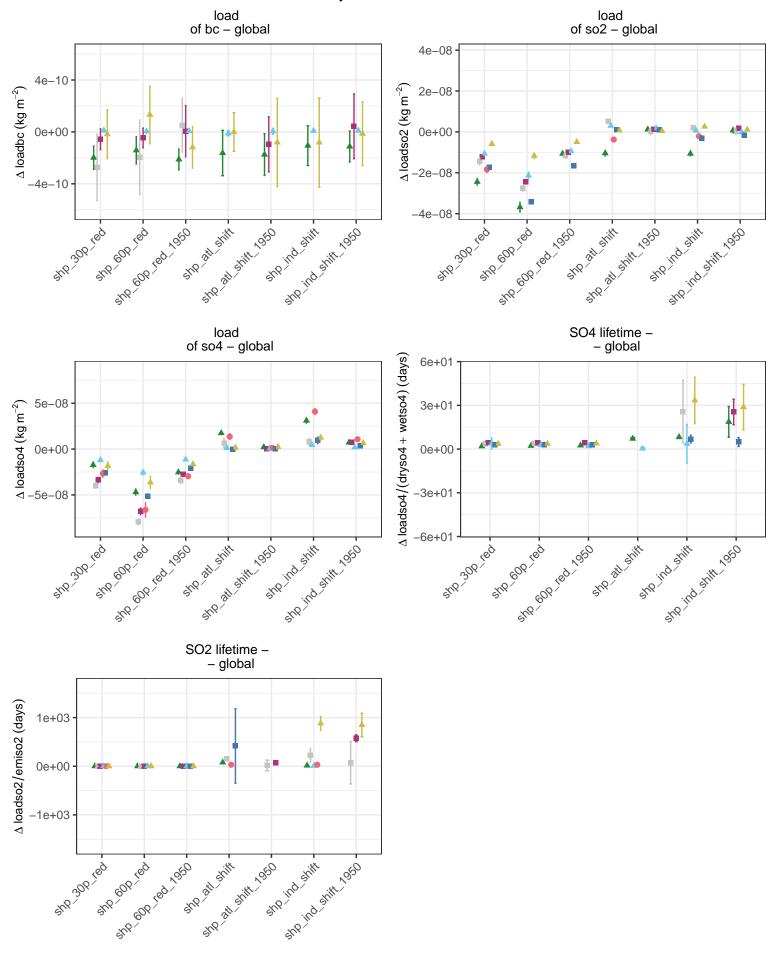
Summary – absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - global at TOA - global at TOA - global 1.0 1.0 1.0 Δ rlut + rsut (W m – 2) Δ rlut (W m – 2) $\Delta \operatorname{rsut}(\operatorname{Wm}-2)$ 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 -0.5 0.5-1.0-1.0-1.0+10 600 red 1950 sho ind shift 1950 +10 600 red 1950 sto all stift, 1950 sho ind shift 1950 310 600 red 1950 sho ind shift 1950 STR SIL STILL JOSO stip all stift. Jose she ind shift snP at shift she ind shift STR all STIFF she ind shift sub 300 leg sub end ing snp at shift Sub log sub end ing clear-sky net radiative flux implied cloud response at TOA incident shortwave flux at TOA - global global at TOA - global Δ rlut + rsut - rlutcs - rsutcs (W m⁻²) Δ rlutcs + rsutcs (W m – 2) 1.0 1.0 1.0 $\Delta \operatorname{rsdt} (\operatorname{Wm} - 2)$ 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 -0.5 -0.5 -1.01.0 -1.0SHO All SHIP. 1950 +10 600 led 1950 arry and Stiff 1950 Stopind Shit 1950 +10 600 Fed 1950 SHO IN SHIP. 1950 Str. Ind. Stift. 1950 STR 3H SHIP, 1950 STR Ind Shift snP at shift sno ind shift STP at shift she ind shift Sub end leg STR all STIFF sub en leg sub en leg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - global flux at TOA - global 1.0 1.0 $\Delta \operatorname{rsutcs} (\operatorname{Wm} - 2)$ Δ rlutcs (W m-2) 0.5 0.5 0.0 0.0 -0.5 -0.5 -1.0-1.0+10 600 red 1050 SHP all SHIP. +10 600 red 1050 SHP all SHIT, Jobo sho ind shift 1950 stopind shift 1950 STR at Shift she ind shift SIRP all SHIFT she jud shift sub 300 leg sub en lag sub en leg CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary – absolute difference



Summary – absolute difference dry deposition rate wet deposition rate total deposition rate of BC - global of BC - global of BC - global 2.1e-15 5.7e-15 4.8e-15 Δ drybc + wetbc (kg m – 2 s – 1) Δ drybc (kg m⁻² s⁻¹) Δ wetbc (kg m⁻² s⁻¹) 1.0e-15 2.9e-15 2.6e-15 0.0e+00 **-**0.0e + 004.9e-16 1.0e-15 2.9e-15 -1.6e-15 STR att Street, and street, an STR att atth. Ind critical attention of the street of the 3.14.600 181. 1950 ... SHO IND SHIP JOSO 214 90 184 1850 + SHP IND SHIPL DED and Self Stiff, 1980 sir ind shift 1950 -2.1e-15 \$18° -5.7e-15 ste 300 led -3.8e-15 stp 300 ted dry deposition rate wet deposition rate dry deposition rate of so2 - global of so2 - global of so4 – global 6e-14 2e-13 Δ dryso2 (kg m⁻² s⁻¹) Δ wetso2 (kg m⁻² s⁻¹) Δ dryso4 (kg m⁻² s⁻¹) 4e-14 3e-14 1e-13 0e+00 0e+00 0e+00 1e-13 3e-14 4e-14 -2e-13 SHO A SHIP LAND SHO OH SHIP. 318 600 fed 1950 410 600 fed 1950 Sto St. St. 1989 sir ind shift 1950 sur ind shift 1950 214 90 to 1 SHP ind shift 1950 , 600 leg sho ind shift SIRP att Stiff sno ind shift -6e-14 sing 300 fed , 600 tog sing 300 fed (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3wet deposition rate total deposition rate of S - global of so4 - global 3e-13 2e-13 Δ wetso4 (kg m⁻² s⁻¹) 0e+00 1e-13 $(kg m^{-2} s^{-1})$ 0e+00 1e-13 -1e-13 -2e-13 Story of Sto and on the the strike of the s SW 3H SHILL -2e-13 Stop ind Shift 1950 sno ind shift SHO IN SHIP DEO -3e-13 sing 3019 feed CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary - absolute difference



▲ CAM-ATRAS

CESM1

■ E3SM

GEOS

NorESM2

