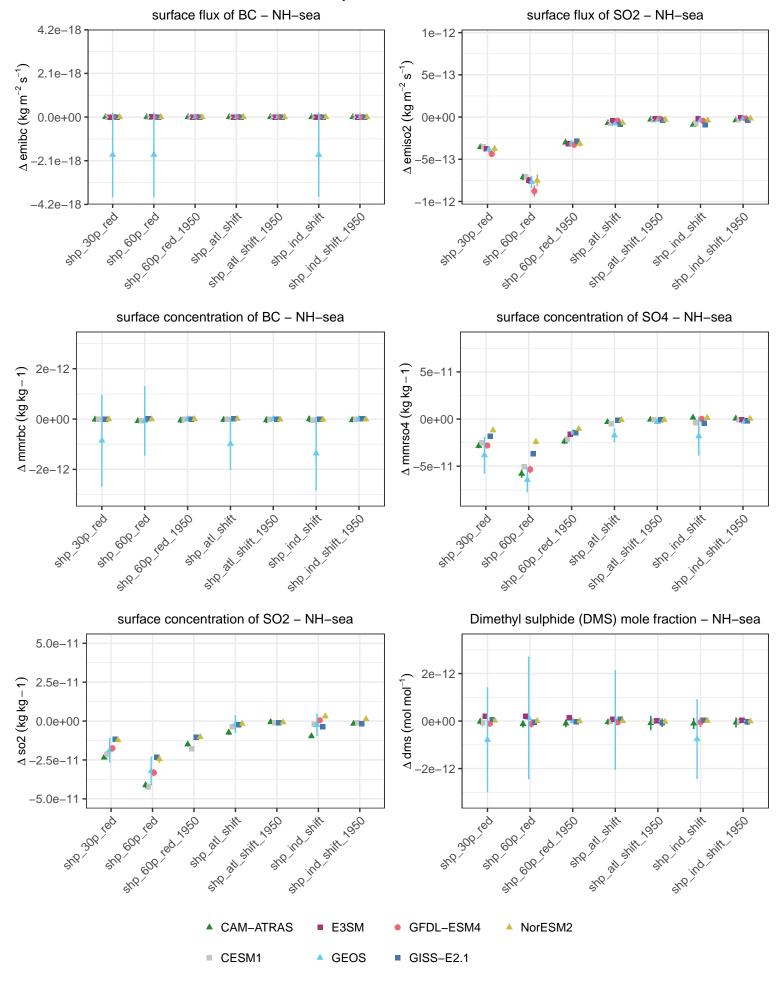
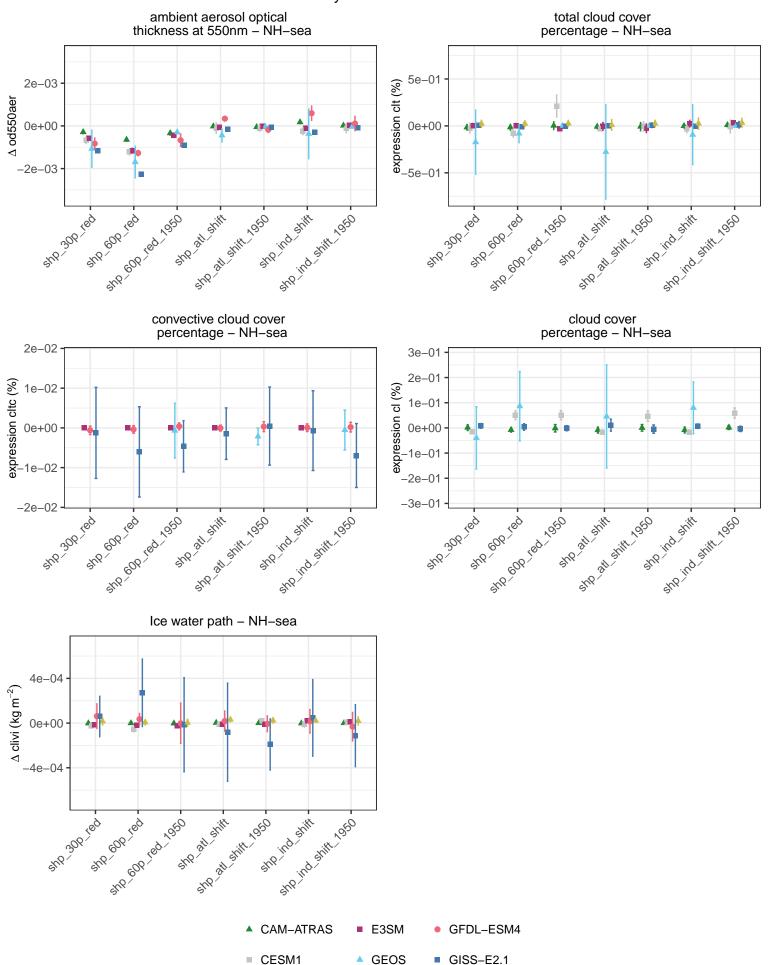
Summary – absolute difference



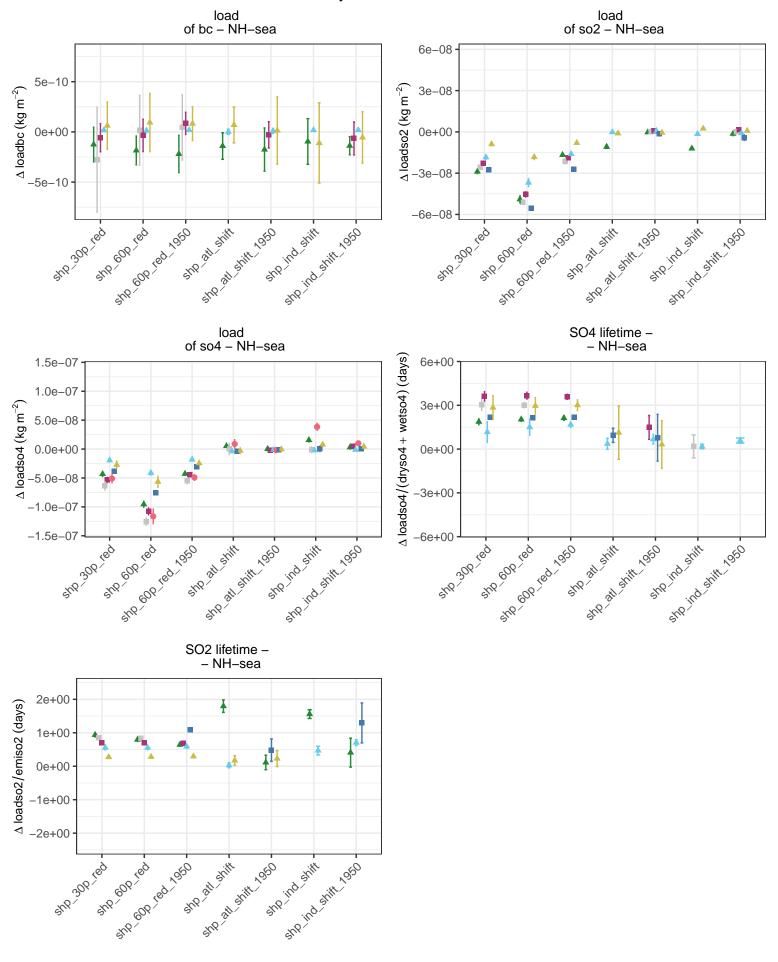
Summary - absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - NH-sea at TÕA – NH-sea at TOA - NH-sea 1.0 1.0 1.0 Δ rlut + rsut (W m – 2) Δ rlut (W m – 2) $\Delta \operatorname{rsut}(\operatorname{Wm}-2)$ 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 0.5 -0.5-1.0-1.0-1.0and each led Japan sho ind shift 1950 ste all stift, 1950 310 600 led 1950 sho ind shift 1950 STR 21 STIFL 250 sho ind shift 1950 stip all stift. Jose snP at shift she ind shift snP at shift she ind shift snP at shift she ind shift sub end ing Sub log sub end ing clear-sky net radiative flux implied cloud response at TOA incident shortwave flux at TOA - NH-sea – NH-sea at TOA - NH-sea 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 and ind shift 1950 470 600 red 1950 SHP all SHIR. \$18 600 led 1950 STR 2d Stiff 1959 snP ind shift Stopind Shit 1950 snp ind shift sub en lag STP at shift STR 2H STIFF she ind shift in any teg STR all STIFF Sub Edd Teg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - NH-sea flux at TOA - NH-sea 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 -1.0-1.0and all arith. \$10,000 ted 1950 SHP all shift Joseph +10 600 red 1050 sho ind shift 1950 and ind shift 1950 sno all shift she ind shift SIRP all SHIFT she ind shift sub out teg sub 300 leg sub cob leg CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary - absolute difference



Summary - absolute difference total deposition rate of BC – NH–sea dry deposition rate wet deposition rate of BC - NH-sea of BC - NH-sea 5.1e-15 3.4e - 151.0e-14 Δ drybc + wetbc (kg m – 2 s – 1) Δ drybc (kg m⁻² s⁻¹) Δ wethc (kg m⁻² s⁻¹) 1.7e-15 5.2e-15 1.5e-15 0.0e+00 0.0e+002.2e-15 -5.2e-15 1.7e-15 -5.8e–15 STR att Str. Ind Str. A. C. I. Str. ind Stift 1950 and Sall Shift, 1980 2114 600 184 1850 Sur ind stift 1950 STR ITE STIFF JOSO -3.4e-15 ste 300 teg -1.0e-14 \$10³00⁷00 -9.5e-15 stre 300 teg dry deposition rate wet deposition rate dry deposition rate of so2 - NH-sea of so2 - NH-sea of so4 - NH-sea 1e-13 1e-13 Δ wetso2 (kg m⁻² s⁻¹) Δ dryso2 (kg m⁻² s⁻¹) Δ dryso4 (kg m⁻² s⁻¹) 4e-13 5e-14 5e-14 0e+00 0e+00 0e+00 -5e-14 5e-14 4e-13 -1e-13 -1e-13 Sun of Su Sto off Stiff, 1960 410 600 fed 1950 Stop ind Stift 1950 3.14 600 fed 1950 Sto of Stiff, 1950 SHO JIN SHIRL JOSO and on they have SNP and Shift , 600 leg SIRP all SHIFT sho ind shift \$10³⁰⁰ 10⁰ sing 300 teg (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3wet deposition rate total deposition rate of so4 - NH-sea of S - NH-sea 1e-13 6e-13 0e+00 Δ wetso4 (kg m⁻² s⁻¹) 3e-13 -1e-13 $(kg m^{-2} s$ 0e+00 -2e-13 -3e-13 3e-13 SHO OH SHO HIN OSO and of starting string, and of starting of -4e-13 -6e-13 snp ind shift Stop ind shift 1950 sub 300 leg CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary - absolute difference



▲ CAM-ATRAS

CESM1

■ E3SM

GEOS

NorESM2

