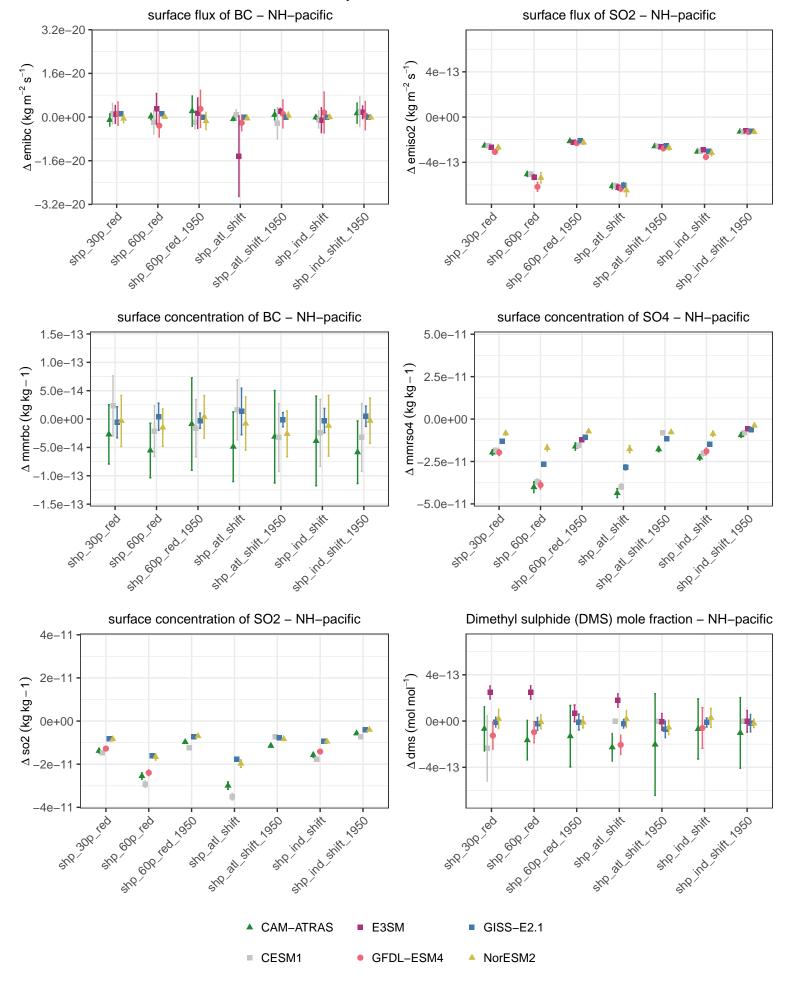
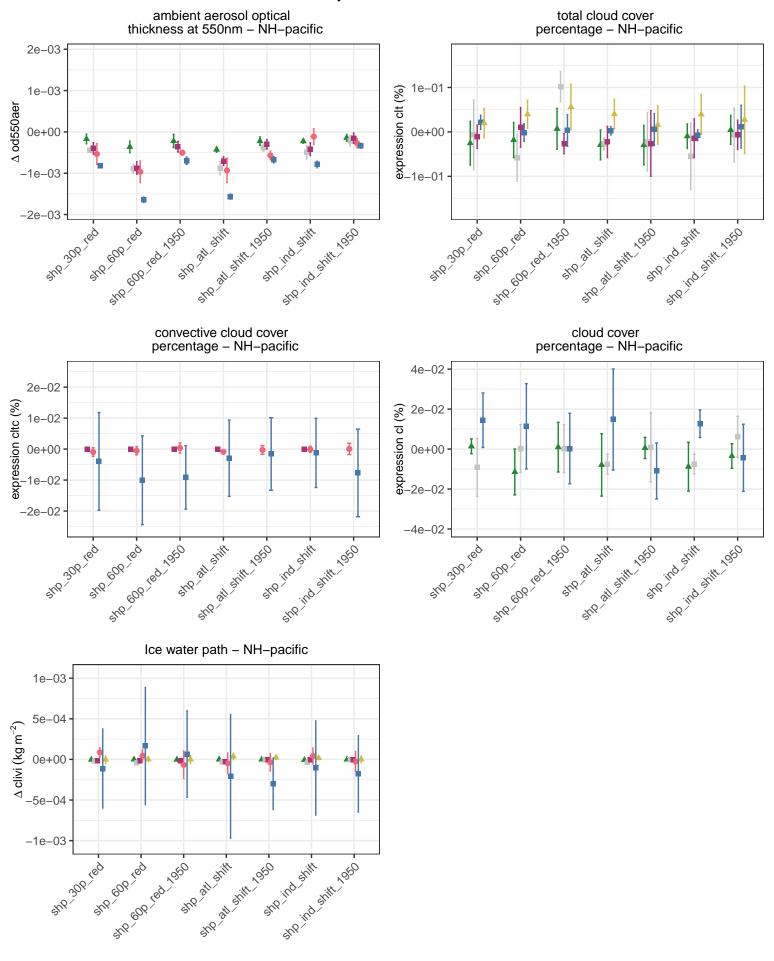
Summary – absolute difference



Summary – absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - NH-pacific at TOA - NH-pacific at TOA - NH-pacific 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 led 1950 sho ind shift 1950 ste all stift, 1950 310 600 red 1950 ste all stift, 1950 sho ind shift 1950 SHO SH SHIP, DEO sho ind shift 1950 snP att shift she ind shift snP at shift she ind shift STP at Stift she ind shift sub 300 leg sub end ing . 600 teg sub end ing clear-sky net radiative flux implied cloud response at TOA incident shortwave flux at TOA - NH-pacific NH-pacific at TOA - NH-pacific 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 -1.0and ind shift 1950 470 600 red 1950 arry and Arith. 1950 +10 600 led 1950 arry and Stiff. 1959. Sto ind shift 1950 Stopind Shit 1950 STR all Britt. snp ind shift STR ind Shift sub en lag snP at shift STR at STIFF she ind shift Sub end leg STR all STIFF Sub Edd Teg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - NH-pacific flux at TOA - NH-pacific 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 60 red 1950 +1000 Fed 1950 and ind shift 1950 STR 2d Stiff 1959 sho ind shift 1950 STR at Shift she ind shift SIRP all SHIFT snp ind shift sub 300 leg sub cob leg sub en lag CAM-ATRAS E3SM GISS-E2.1 CESM1 GFDL-ESM4 NorESM2

Summary - absolute difference



▲ CAM-ATRAS

CESM1

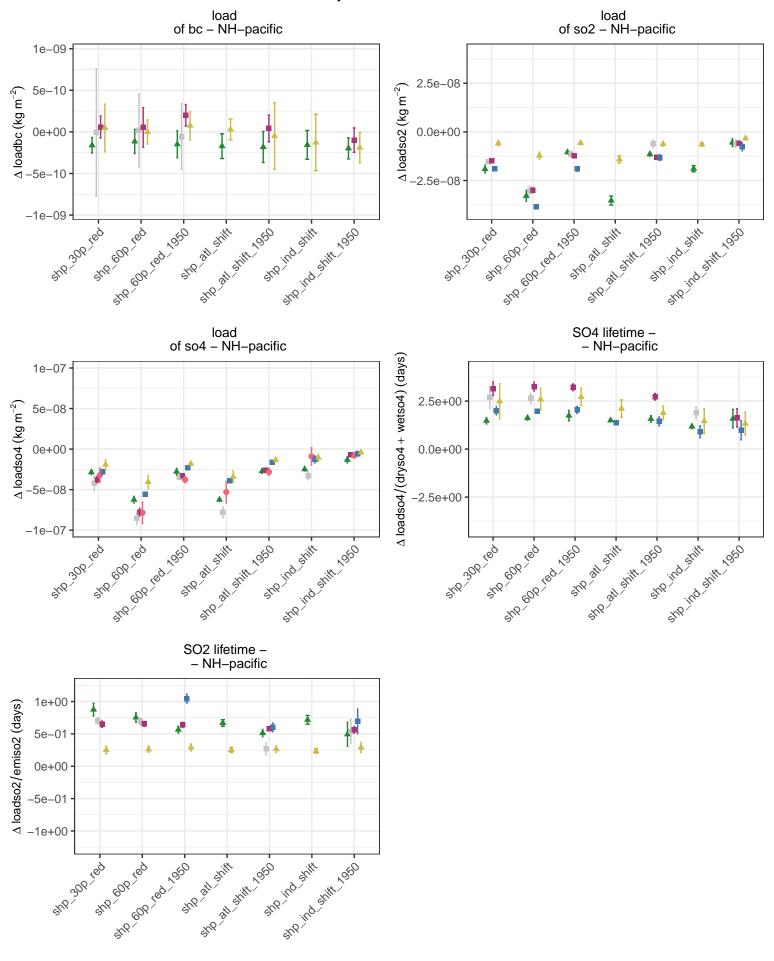
■ E3SM

• GFDL-ESM4

GISS-E2.1

Summary - absolute difference dry deposition rate wet deposition rate total deposition rate of BC - NH-pacific of BC - NH-pacific of BC - NH-pacific 4.8e-16 2.2e-15 1.8e-15 Δ drybc + wetbc (kg m – 2 s – 1) Δ drybc (kg m⁻² s⁻¹) Δ wetbc (kg m⁻² s⁻¹) 2.4e-16 1.1e-15 9.0e-16 0.0e + 000.0e + 00-9.4e-19 -1.1e-15 2.4e-16 -9.0e-16 STR att Strike Ind strike STR att stift, and stift at street a 314 600 181 1850 + and delight in a 3114 600 184 1850 ... any indanit 1950 -4.8e-16 sub 300 leg -2.2e-15 ste 300 teg -1.8e-15 stre 300 teg dry deposition rate wet deposition rate dry deposition rate of so4 - NH-pacific of so2 - NH-pacific of so2 - NH-pacific 5.0e-13 1e-13 Δ wetso2 (kg m⁻² s⁻¹) Δ dryso2 (kg m⁻² s⁻¹) Δ dryso4 (kg m⁻² s⁻¹ 5e-14 2.5e-13 5e-14 0.0e+000e+00 0e+00 5e-14 2.5e-13 5e -1e-13 318/00 18 r. 1 \$10 00 100 mg 10 Sto of Stiff, 1959 318 608 led 1950 -5.0e-13 Str. 3th Jahr. i.r. o SIN del Stiff. 1950 SHP, Ind Shift 1950 , 606 leg sho ind shift \$10³⁰⁰ 100 \$10,300 teg Sub log (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3total deposition rate wet deposition rate of so4 - NH-pacific of S - NH-pacific 44 -1e-13 Δ wetso4 (kg m⁻² s⁻¹) 2.5e-13 $(kg m^{-2} s^{-1})$ -2e-13 0.0e+00-3e-13 2.5e-13 Sto of State 3112 ON 18 ou 18 Str. ind Stift 1950 SHP IND SHIPL OSO she ind shift CAM-ATRAS E3SM GISS-E2.1 CESM1 GFDL-ESM4 NorESM2

Summary - absolute difference



▲ CAM-ATRAS

CESM1

E3SM

NorESM2

