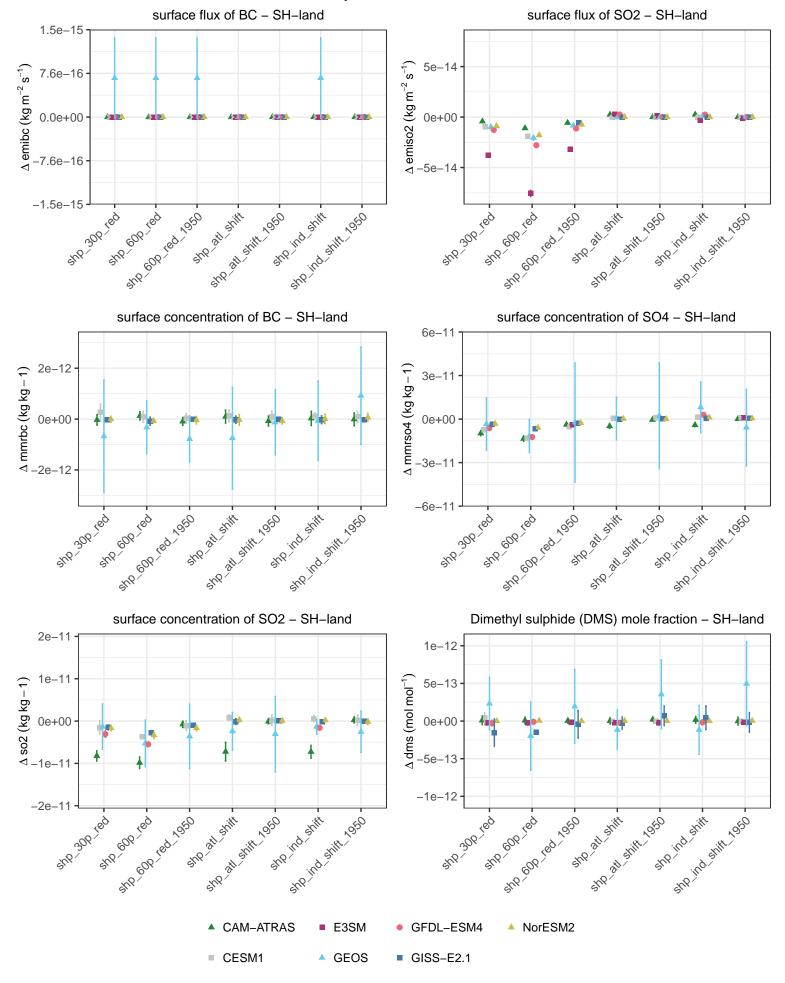
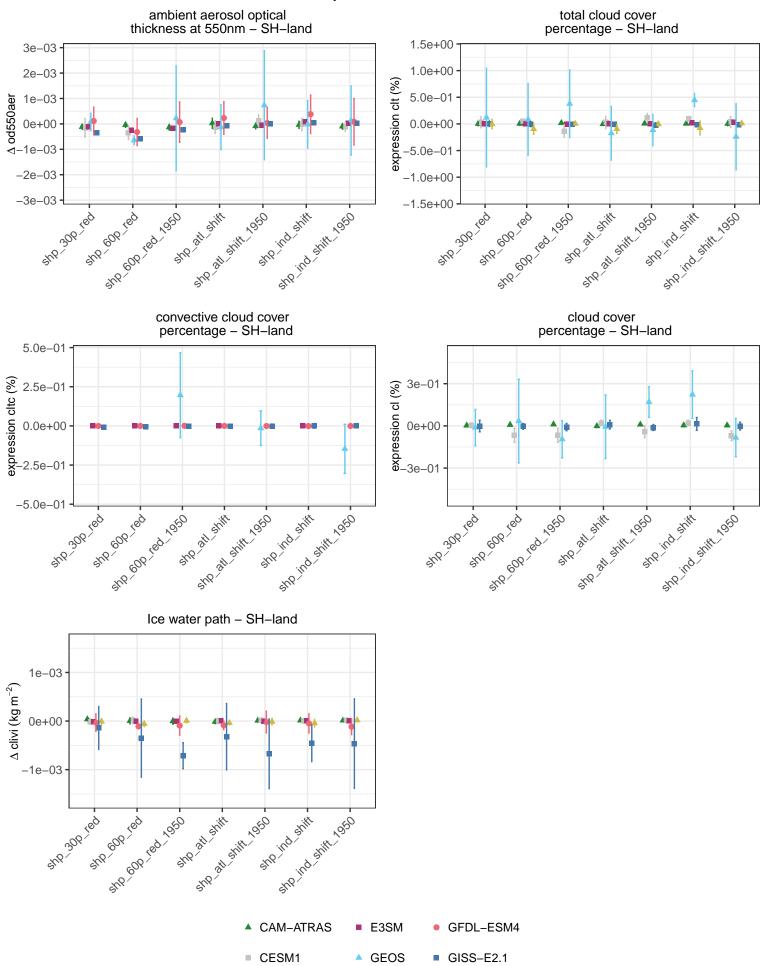
Summary – absolute difference



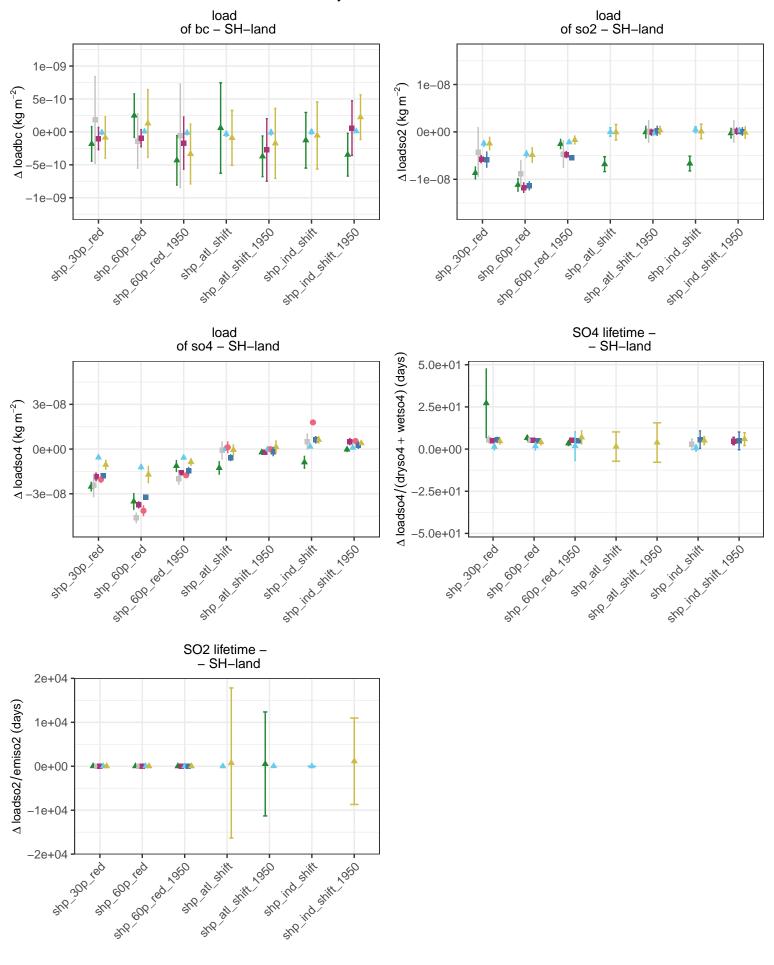
Summary - absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - SH-land at TOA - SH-land at TOA - SH-land 1.0 1.0 1.0 Δ rlut + rsut (W m – 2) Δ rlut (W m – 2) $\Delta \operatorname{rsut}(\operatorname{Wm}-2)$ 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 -0.50.5-1.0-1.0-1.0sho ind shift 1960 310 600 led 1950 ste all stift, 1950 310 600 led 1950 STR 3d Stiff J950 sho ind shift 1950 STR 21 STIFL 250 sho ind shift 1950 snP att shift she ind shift snP att shift she ind shift snP att shift she ind shift sub en lag elb log sub en lag clear-sky net radiative flux implied cloud response at TOA incident shortwave flux – SH-land at TOA - SH-land at TOA - SH-land 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 -1.0SHR all SHIP. 470 600 red 1950 +10 600 led 1950 arry and Stiff 1950 Str. ind Stift 1950 Stopind Shit 1950 or all arith. Sto ind shift 1950 snp ind shift sho ind shift snP at shift STR at STIFF sno ind shift Sub, end leg STR all STIFF Sub log sub en leg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - SH-land flux at TOA - SH-land 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 -1.0-1.0SHO All SHIP. \$10,000 ted 1950 SHP all shift Joseph +10 600 red 1050 sho ind shift 1960 Str. Ind. Stift. 1950 sno all shift snp ind shift SIRP all SHIFT sno 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 dry deposition rate of BC – SH–land wet deposition rate total deposition rate of BC - SH-land of BC - SH-land 1.1e-14 Δ drybc + wetbc (kg m – 2 s – 1) 1e-14 1e-14 Δ wetbc (kg m⁻² s⁻¹) Δ drybc (kg m⁻² s⁻¹) 5.4e-15 5e-15 5e-15 0.0e+00 0e+00 0e+00 -5e-15 -5e-15 5.4e-15 STR 3H STILL 1050 STIL -1e-14 4. 600 Led 1950 SHO IND SHIP JOSO 4 600 fed 1950 and all alith. SHO IND SHIP JOSO she ind shift -1.1e-14 sub 300 leg \$18,309, tog \$18,309, tog -\forestep \(\forestep \) dry deposition rate wet deposition rate dry deposition rate of so2 - SH-land of so2 - SH-land of so4 - SH-land Δ dryso2 (kg m⁻² s⁻¹) Δ wetso2 (kg m⁻² s⁻¹) Δ dryso4 (kg m⁻² s⁻¹ 4e-14 2e-14 5e-14 0e+00 0e+00 -2e-14 5e-4e-14 one and shift and shift, showing and all shift, showing and shift and shift and shift, shift and Story of State of Sta and all arith, 1960 410 600 fed 1950 Str. Ind. Stift. 1960 sur god led 1950 J.1600 180 1950 SHO JIN SHIRL JOSO , 600 leg SIRP all SHIFT sno ind shift SUB PORTO (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3wet deposition rate total deposition rate of so4 - SH-land of S - SH-land 3e-13 2e-13 2e-13 Δ wetso4 (kg m⁻² s⁻¹) 1e-13 $(kg m^{-2} s^{-1})$ 1e-13 0e+00 0e+00 -1e-13 -1e-13 SHO OH SHOTH OF SHOTH -2e-13 one out shift, 1950 shift, of shift, and on the start in the start of the start in the start i -2e-13 -3e-13 and ind shift 1950 sing 300 tog \$18 (80) to 1 CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary - absolute difference



▲ CAM-ATRAS

CESM1

■ E3SM

GEOS

NorESM2

