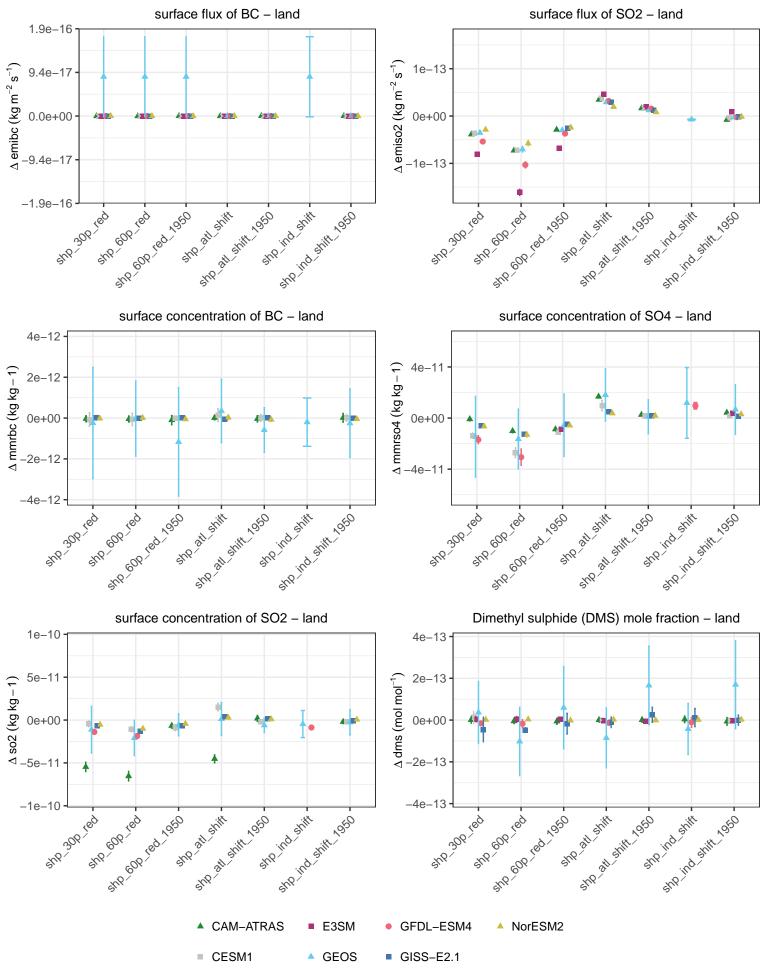
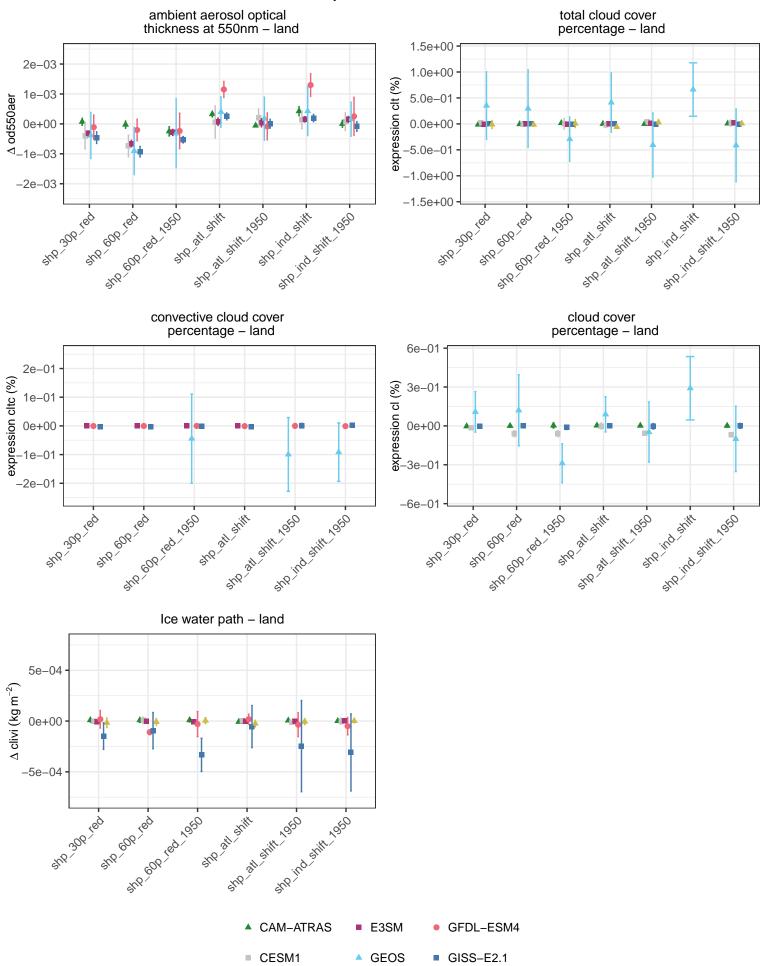
Summary – absolute difference



Summary - absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - land at TOA - land at TOA - 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 0.5-0.5-1.0-1.0-1.0sho ind shift 1950 +10 600 red 1950 ste all stift, 1950 310 600 red 1950 sho ind shift 1950 STR 21 STITL 250 sho ind shift 1950 stip all stift. Jose SNP att shift she ind shift snP at shift she ind shift sub en lag snp at shift she ind shift elb log sub en lag clear-sky net radiative flux implied cloud response at TOA incident shortwave flux at TOA - land at TOA - 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 -1.0and ind shift 1950 +10 600 Fed 1950 SHO all shift. \$18 600 led 1950 arry and Stiff 1950 Str. ind Stift 1950 STR 3d Stiff 1950 Storid Still 950 STR ind shift sub en lag STP at shift sno ind shift STR at STIFT she ind shift sub end teg STR all STIFF sub en leg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - land flux at TOA - 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 -1.0-1.0and all arith. +10 600 red 1950 +10 600 red 1050 sho ind shift 1950 SHP all SHIT, Jobo and ind shift 1950 STR at Shift snp ind shift SIRP all SHIFT sno ind shift Sub edb leg sub 300 leg 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 - land of BC - land of BC - land 7.3e-15 3e-14 Δ drybc + wetbc (kg m – 2 s – 1) 2e-14 2e-14 Δ wethc (kg m⁻² s⁻¹) Δ drybc (kg m⁻² s⁻¹) 3.6e-15 1e-14 1e-14 0e+00 0.0e+00 0e+00 -1e-14 -1e-14 3.6e-15 -2e-14 2e-14 STR all still, and sti Str. ind Stift 1950 216 90 jed 1950 3.14 600 fed 1950 Sto Statistical Store SHO IND SHIP JOSO STR ON STITE OF STREET she ind shift Sub leg -7.3e-15 stp. 300 tog -3e-14 sub 300 leg dry deposition rate wet deposition rate dry deposition rate of so2 - land of so2 - land of so4 - land 1e-13 Δ dryso2 (kg m⁻² s⁻¹) Δ dryso4 (kg m⁻² s⁻¹) Δ wetso2 (kg m⁻² s⁻ 1e-13 4e-14 5e-14 0e+00 0e+00 0e+00 5e-14 4e-14 1e-13 one of shift, and shift, and of the office o or of the state of 410 600 Fed 1950 sho ind shift 1960 214 906 teg 7 320 SHO JIN SHIRL JOSO and on they have -1e-13 , 600 leg SIRP all SHIFT she ind shift SUB TOO (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3total deposition rate wet deposition rate of so4 - land of S - land 4e-13 6e-13 Δ wetso4 (kg m⁻² s⁻¹) 3e-13 2e-13 $(kg m^{-2} s^{-1})$ 0e+00 0e+00 3e-13 one att stift, job o stift, job and on the the strike of the s -2e-13 -6e-13 SW off Stiff, 1989, \$10 00 100 mg 10 Stop ind Shift 1950 snP ind shift , 600 leg sing 300 fed CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

Summary - absolute difference

