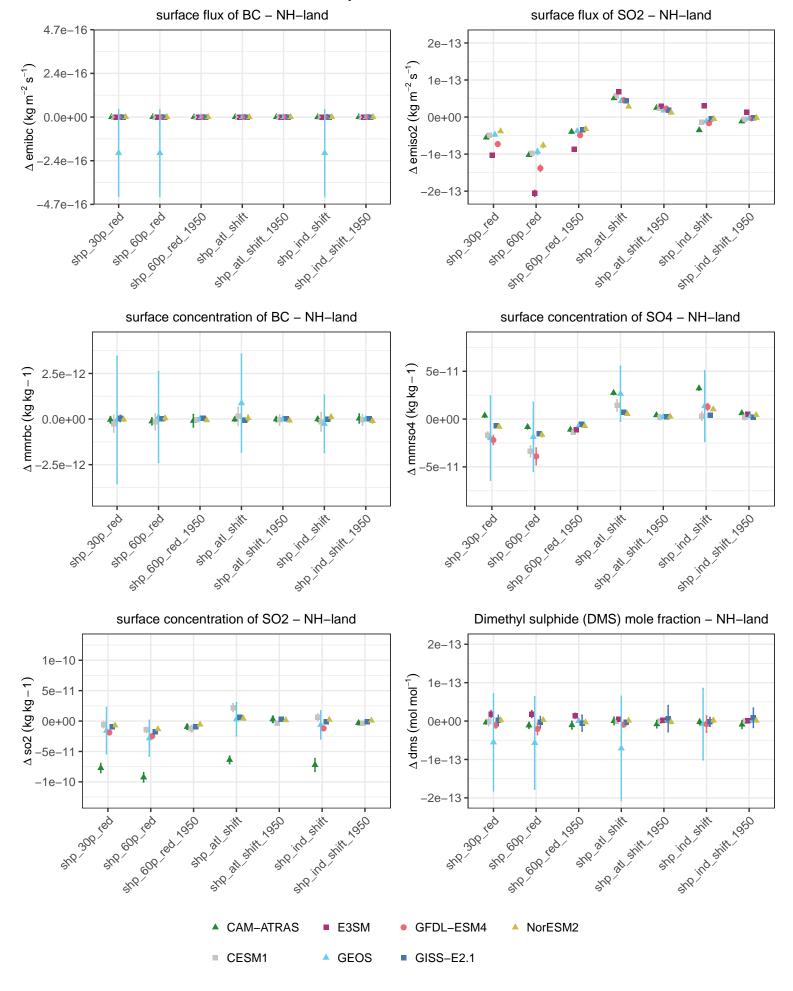
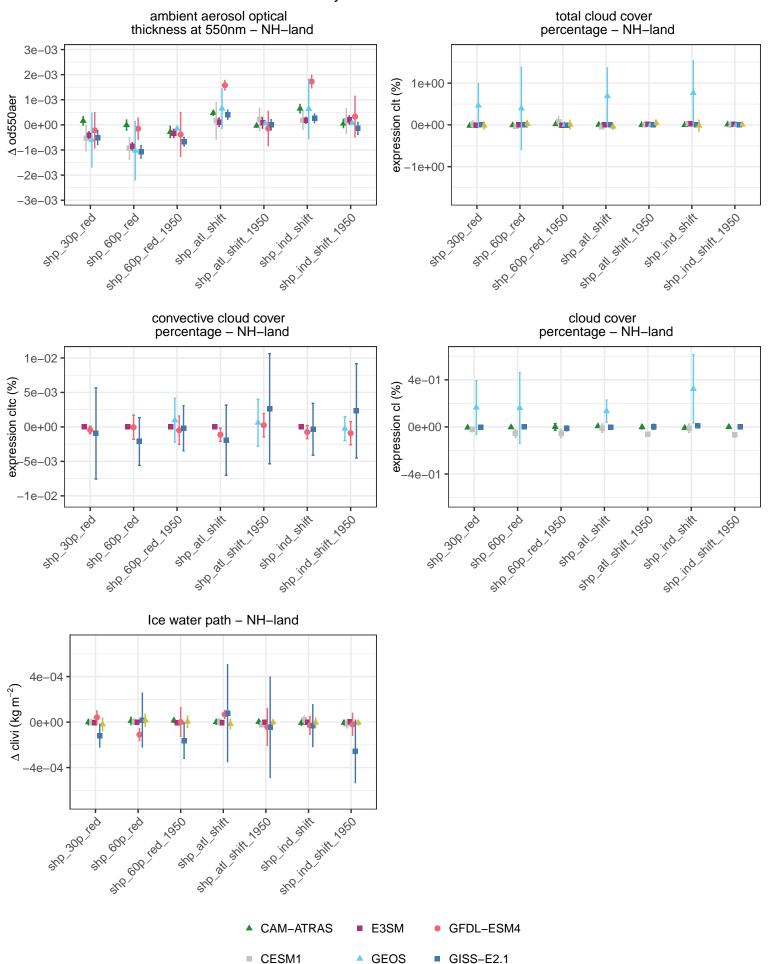
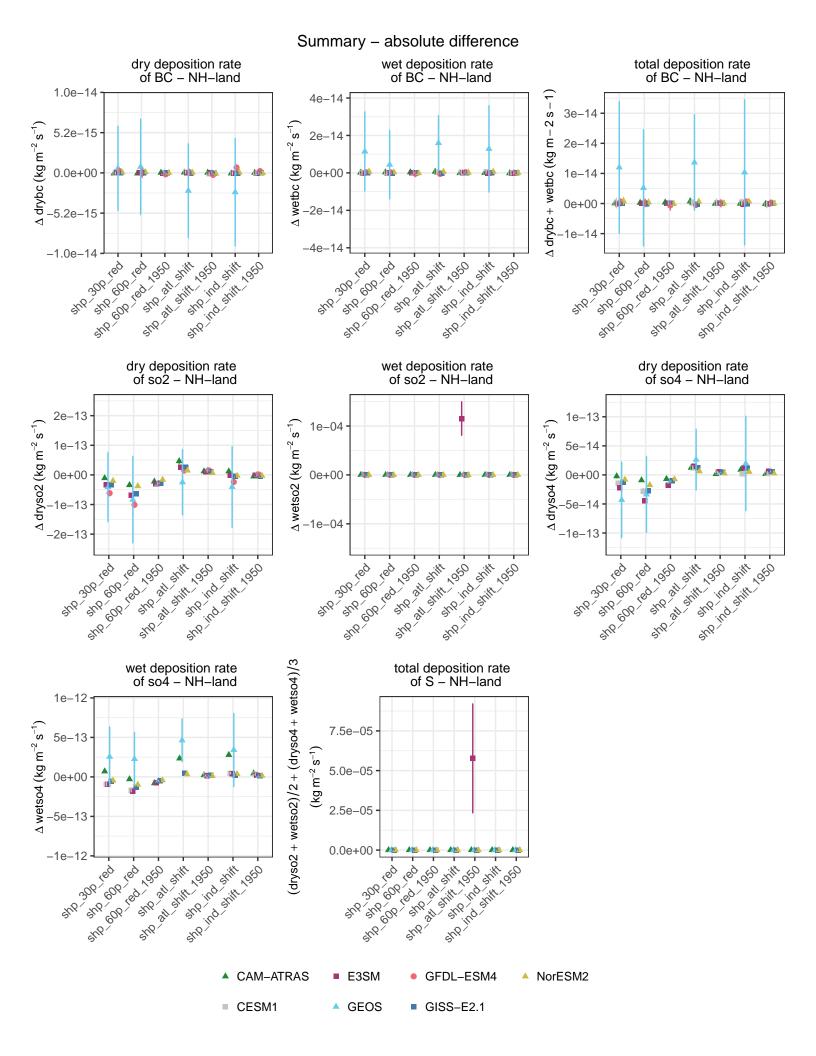
## Summary – absolute difference



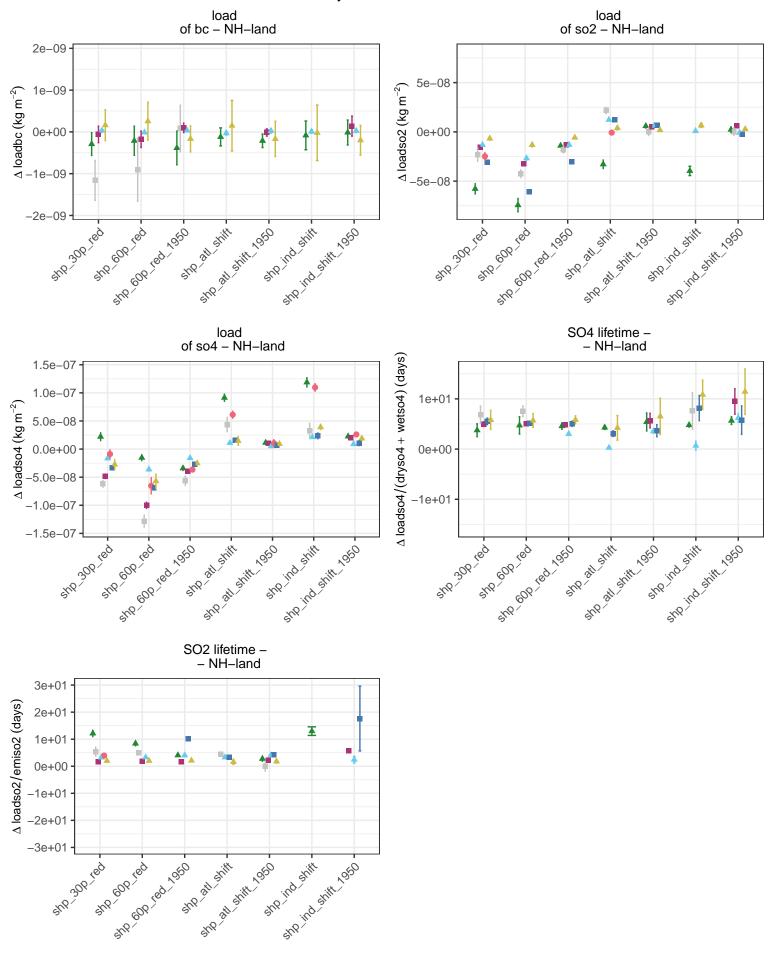
## Summary - absolute difference upwelling longwave flux upwelling shortwave flux net radiative flux at TOA - NH-land at TOA - NH-land at TOA - NH-land 1.0 1.0 1.0 $\Delta$ rlut + rsut (W m – 2) $\Delta$ rlut (W m – 2) $\Delta \operatorname{rsut}(\operatorname{Wm}-2)$ 0.5 0.5 0.5 0.0 0.0 0.0 0.5 -0.5 -0.5-1.0-1.0-1.0318 600 188 7950 sho ind shift 1960 ste all stift, 1950 310 600 red 1950 sho ind shift 1950 STR 21 STIFL 250 sho ind shift loso stip all stift. Jose snP at shift she ind shift SNP att shift she ind shift STR all STIFF 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-land – NH-land at TOA - NH-land $\Delta$ rlut + rsut - rlutcs - rsutcs (W m<sup>-2</sup>) $\Delta$ 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 \$18 600 led 1950 arry and Stiff. 1959. Str. ind Stift 1950 STR 3H SHIP, 1980 STR Ind Shift STP at shift sno ind shift STR at STIFF she ind shift in any teg STR all STIFF SUB OB Tog sub en leg upwelling clear-sky shortwave upwelling clear-sky longwave flux at TOA - NH-land flux at TOA - NH-land 1.0 1.0 $\Delta \operatorname{rsutcs} (\operatorname{Wm} - 2)$ $\Delta$ rlutcs (W m-2) 0.5 0.5 0.0 0.0 -0.5 -0.5 -1.0-1.0SHO All SHIP. +10 600 red 1950 +10 600 red 1050 sho ind shift 1950 SHP all SHIT, Jobo Stopind Shit 1950 STR at Shift she ind shift SIRP all SHIFT sno ind shift sub out ing sub 300 leg sub en lag CAM-ATRAS ■ E3SM GFDL-ESM4 NorESM2 CESM1 GEOS GISS-E2.1

## Summary - absolute difference





## Summary - absolute difference



▲ CAM-ATRAS

CESM1

■ E3SM

GEOS

NorESM2

