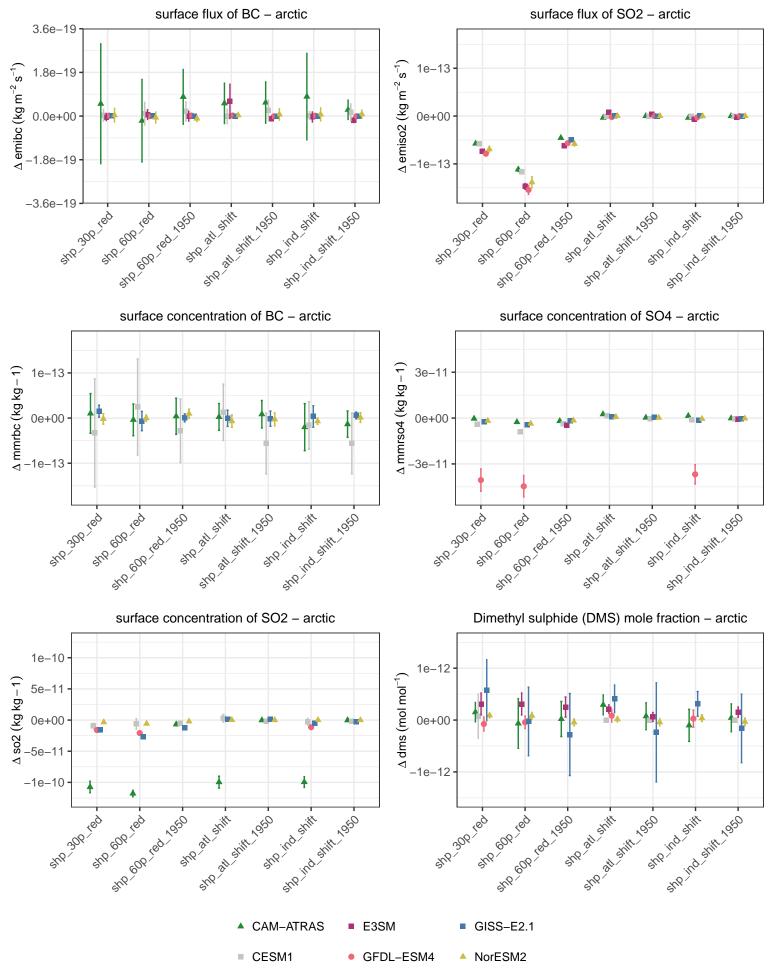
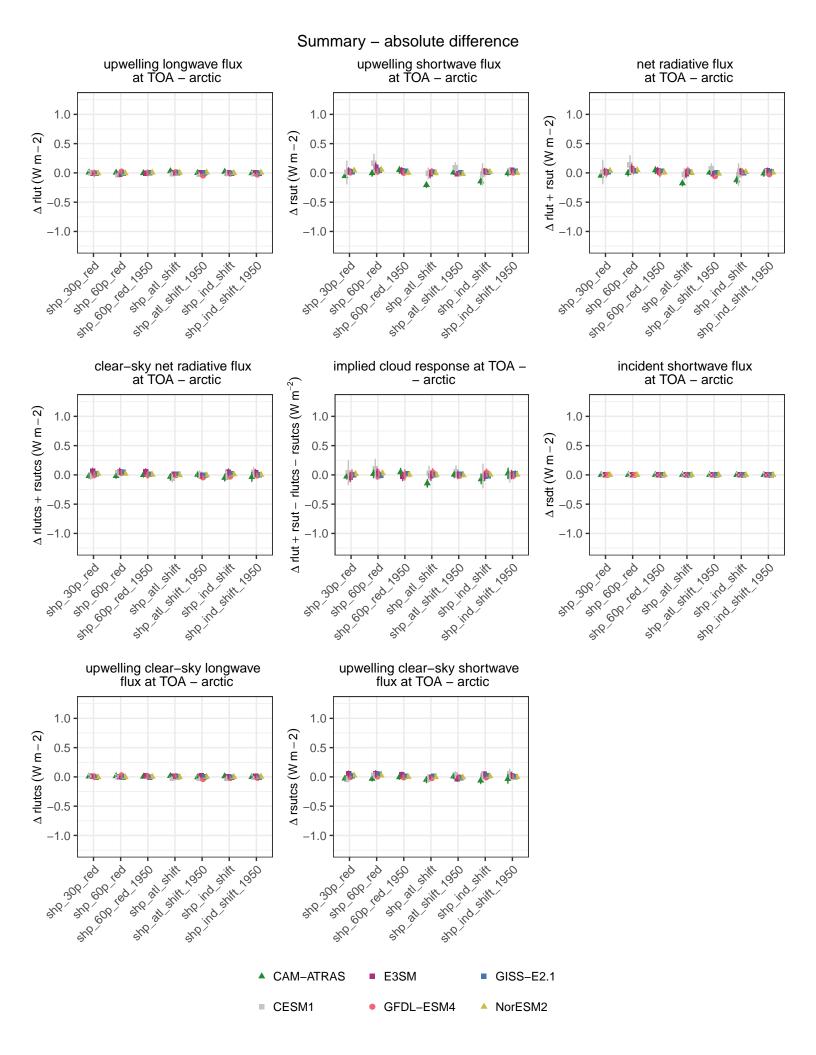
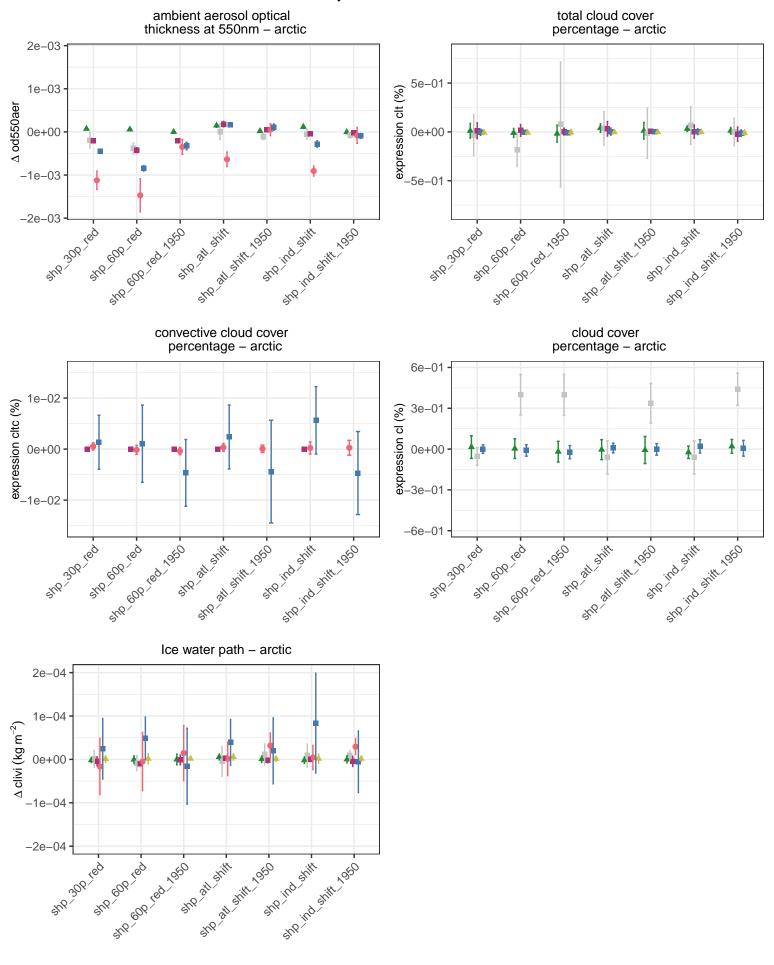
## Summary – absolute difference





## Summary - absolute difference



▲ CAM-ATRAS

CESM1

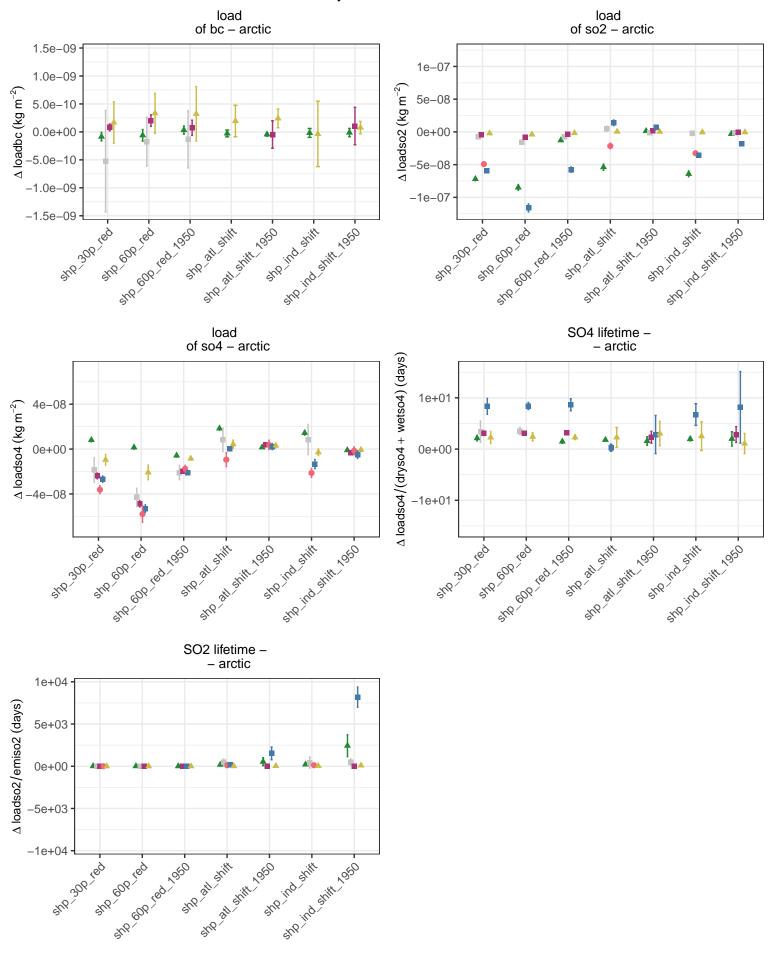
■ E3SM

• GFDL-ESM4

GISS-E2.1

## Summary - absolute difference dry deposition rate wet deposition rate total deposition rate of BC - arctic of BC - arctic of BC - arctic 4.1e-16 7.4e-16 5.0e-16 $\Delta$ drybc + wetbc (kg m – 2 s – 1) $\Delta$ drybc (kg m<sup>-2</sup> s<sup>-1</sup>) $\Delta$ wetbc (kg m<sup>-2</sup> s<sup>-1</sup>) 2.1e-16 3.7e-16 1.7e-16 0.0e + 000.0e + 00-1.7e-16 -3.7e-16 2.1e-16 -5.0e-16 314 600 181 1950 -Str. of Stift, record SHO IND SHIP JOSO 214 90 184 1850 + and on Sill 1960 Str. ind Stift 1950 and Self Stiff, 1980 -4.1e-16 sub 300 leg -7.4e-16 ste 300 teg -8.3e-16 stp 300 teg dry deposition rate wet deposition rate dry deposition rate of so2 - arctic of so2 - arctic of so4 - arctic 2e-13 1e-13 $\Delta$ dryso2 (kg m<sup>-2</sup> s<sup>-1</sup>) $\Delta$ wetso2 (kg m<sup>-2</sup> s<sup>-1</sup>) $\Delta \, dryso4 \, (kg \, m^{-2} \, s^{-1})$ 2e-1e-13 5e-14 0e+00 0e+00 0e+00 -1e-13 -2e-14 -1e-13 SHO A SHIP SALE Sto off Stiff, 1969 SHO all arith, 1960 410 600 Fed 1950 410 600 fed 1950 sho ind shift 1950 214 90 to 1 SHP ind shift 1950 she ind shift sho ind shift , 600 tog -2e-13 sto 300 teg - 600 teg SUB TOO (dryso2 + wetso2)/2 + (dryso4 + wetso4)/3total deposition rate of S – arctic wet deposition rate of so4 - arctic 0e+00 $\Delta$ wetso4 (kg m<sup>-2</sup> s<sup>-1</sup>) 1e-13 $({\rm kg}\,{\rm m}^{-2}\,{\rm s}^{-1})$ 0e+00 -1e-13 1e-13 SHO all SHILL strong and shift 1950 314 90 Sec. 4 Sto Strate Tree of Strate Stra Str. ind Stift 1950 snPind shift CAM-ATRAS E3SM GISS-E2.1 CESM1 GFDL-ESM4 NorESM2

## Summary - absolute difference



▲ CAM-ATRAS

CESM1

E3SM

NorESM2

