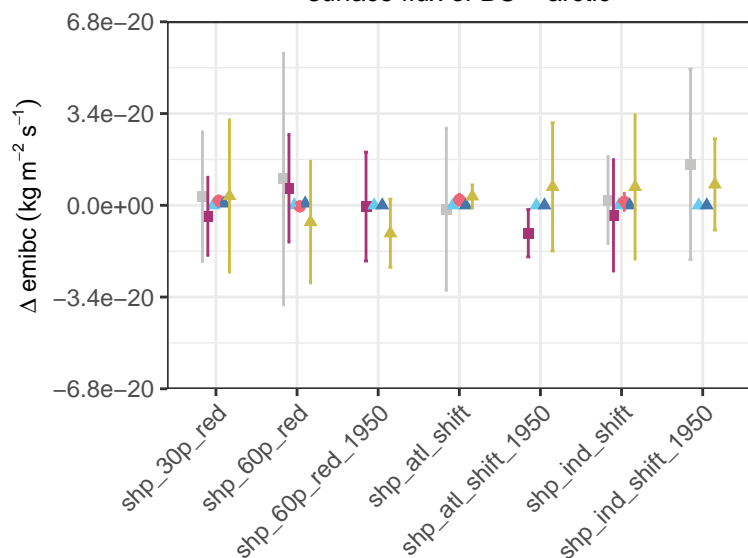
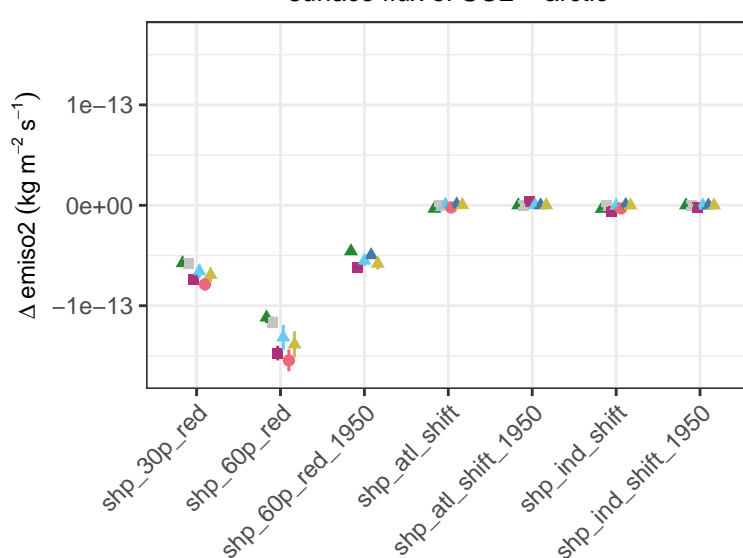


Summary – absolute difference

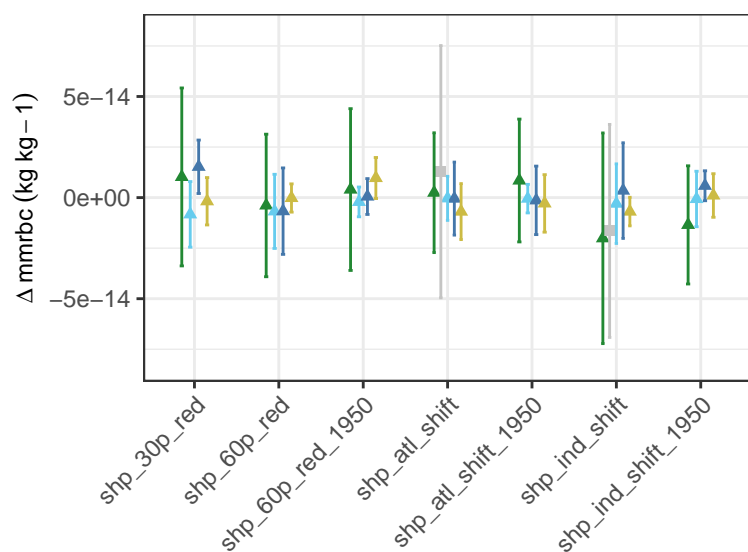
surface flux of BC – arctic



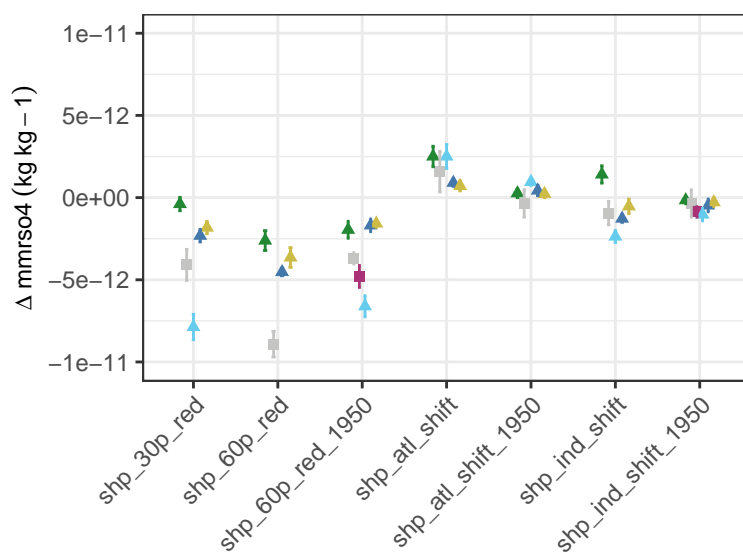
surface flux of SO2 – arctic



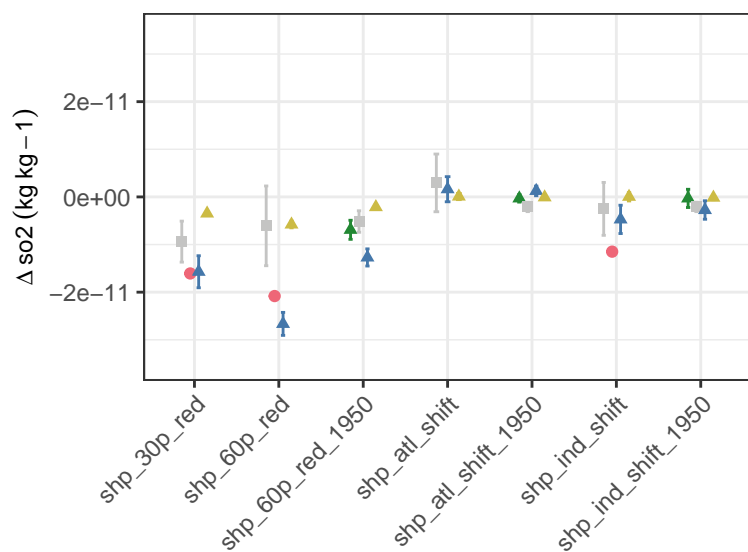
surface concentration of BC – arctic



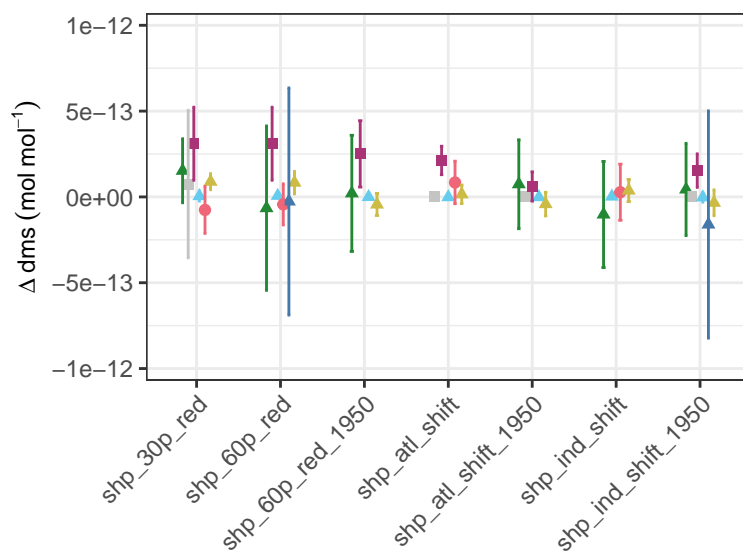
surface concentration of SO4 – arctic



surface concentration of SO2 – arctic



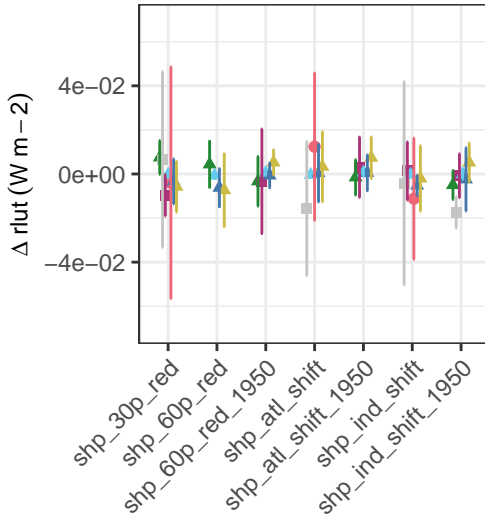
Dimethyl sulphide (DMS) mole fraction – arctic



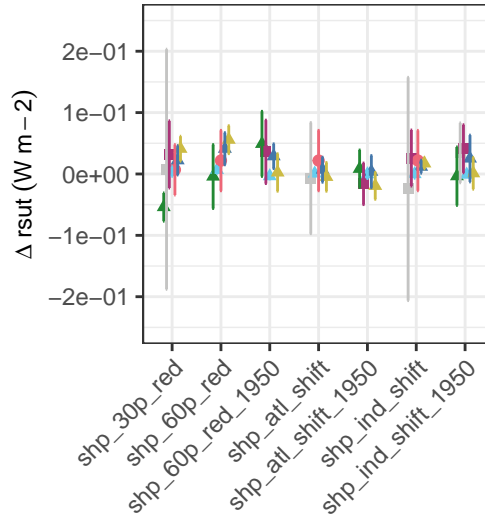
CESM1
 GEOS
 GISS modelE
 E3SM
 GFDL-ESM4
 NorESM2

Summary – absolute difference

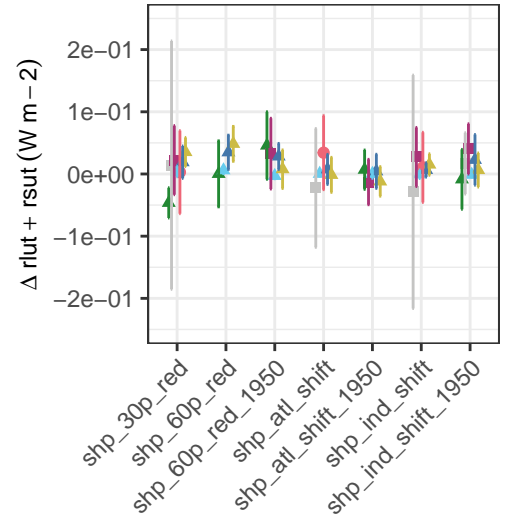
upwelling longwave flux
at TOA – arctic



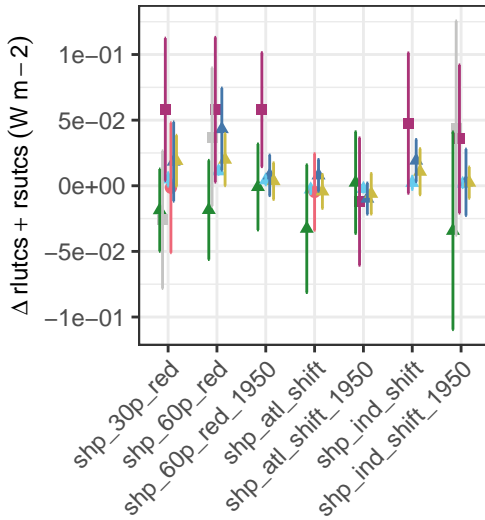
upwelling shortwave flux
at TOA – arctic



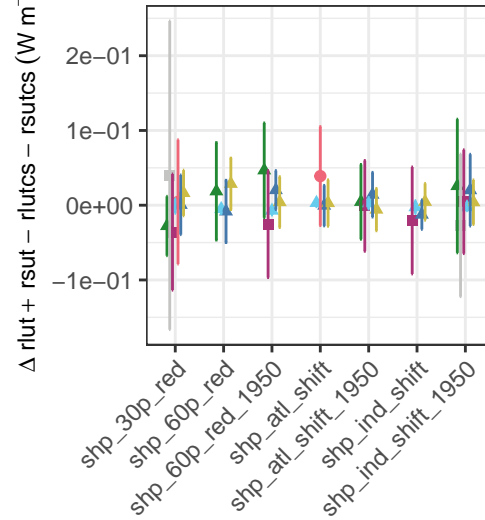
net radiative flux
at TOA – arctic



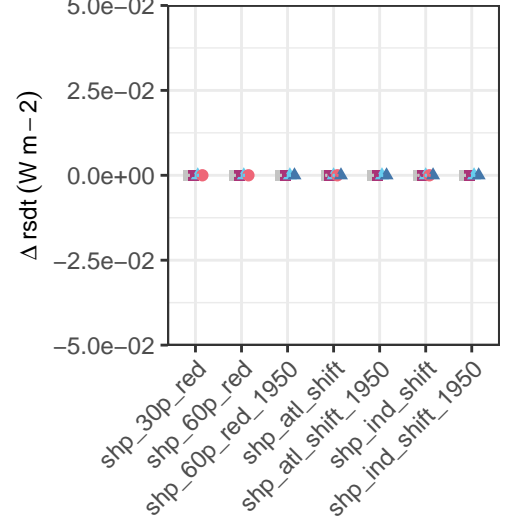
clear-sky net radiative flux
at TOA – arctic



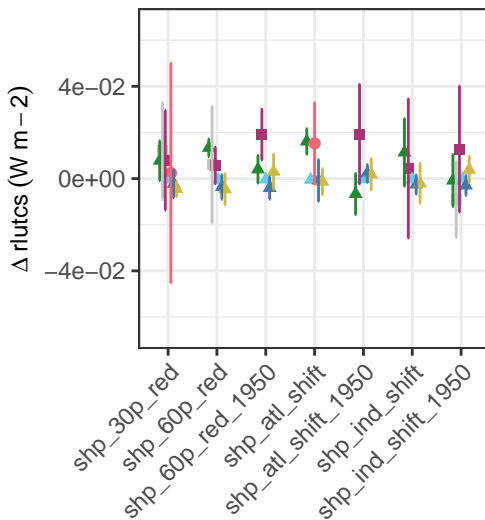
implied cloud response at TOA –
– arctic



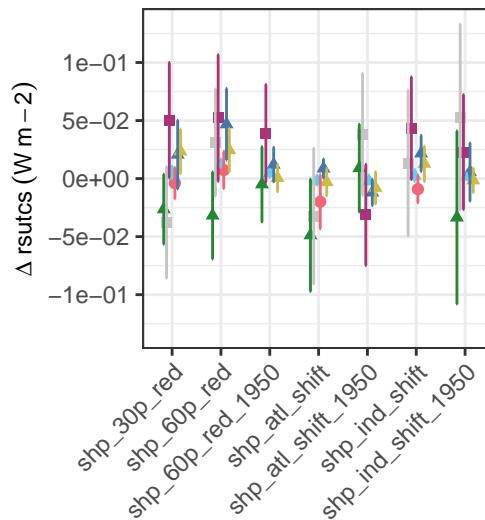
incident shortwave flux
at TOA – arctic



upwelling clear-sky longwave
flux at TOA – arctic



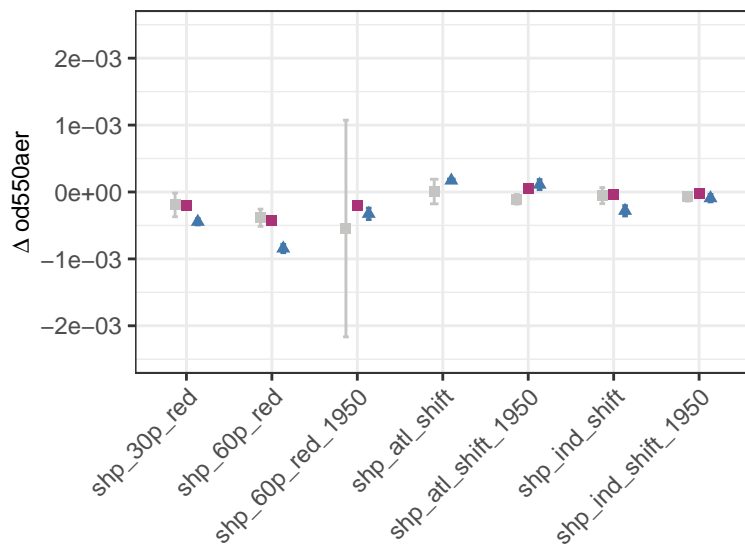
upwelling clear-sky shortwave
flux at TOA – arctic



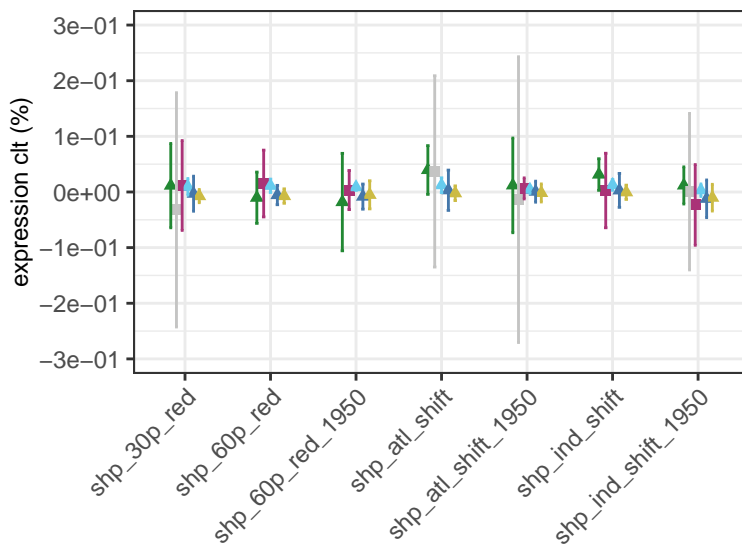
▲ CAM-ATRAS ■ E3SM ● GFDL-ESM4 ▲ NorESM2
■ CESM1 ▲ GEOS ▲ GISS modelE

Summary – absolute difference

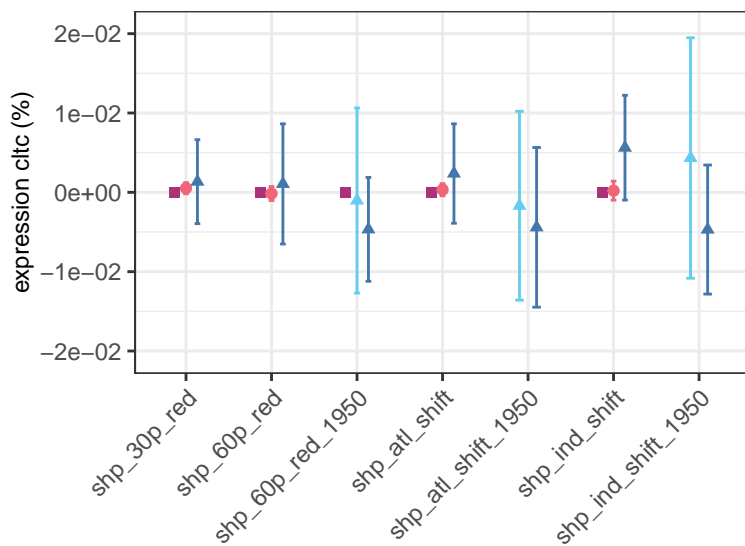
ambient aerosol optical
thickness at 550nm – arctic



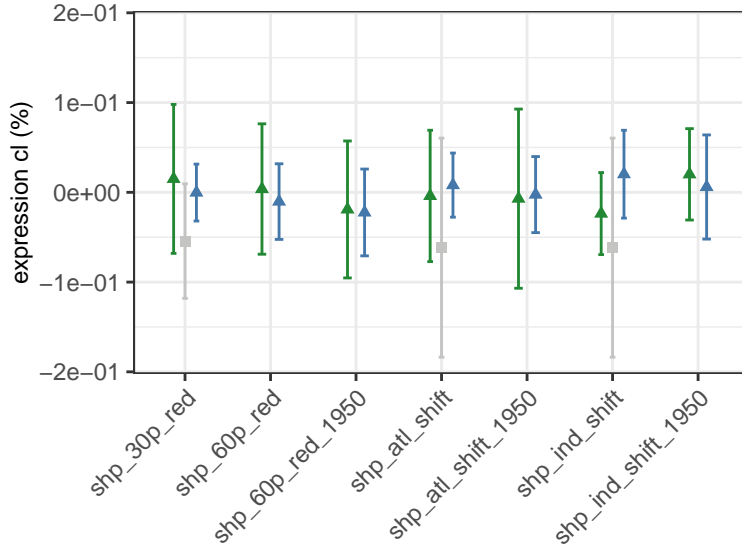
total cloud cover
percentage – arctic



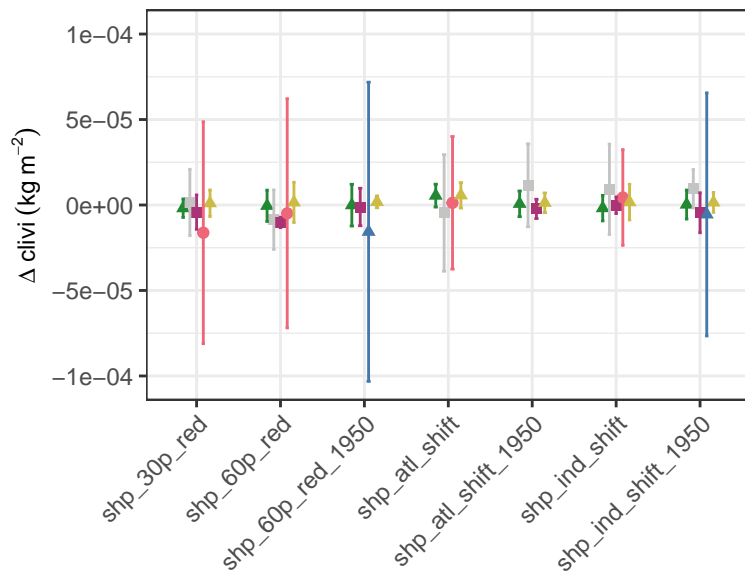
convective cloud cover
percentage – arctic



cloud cover
percentage – arctic

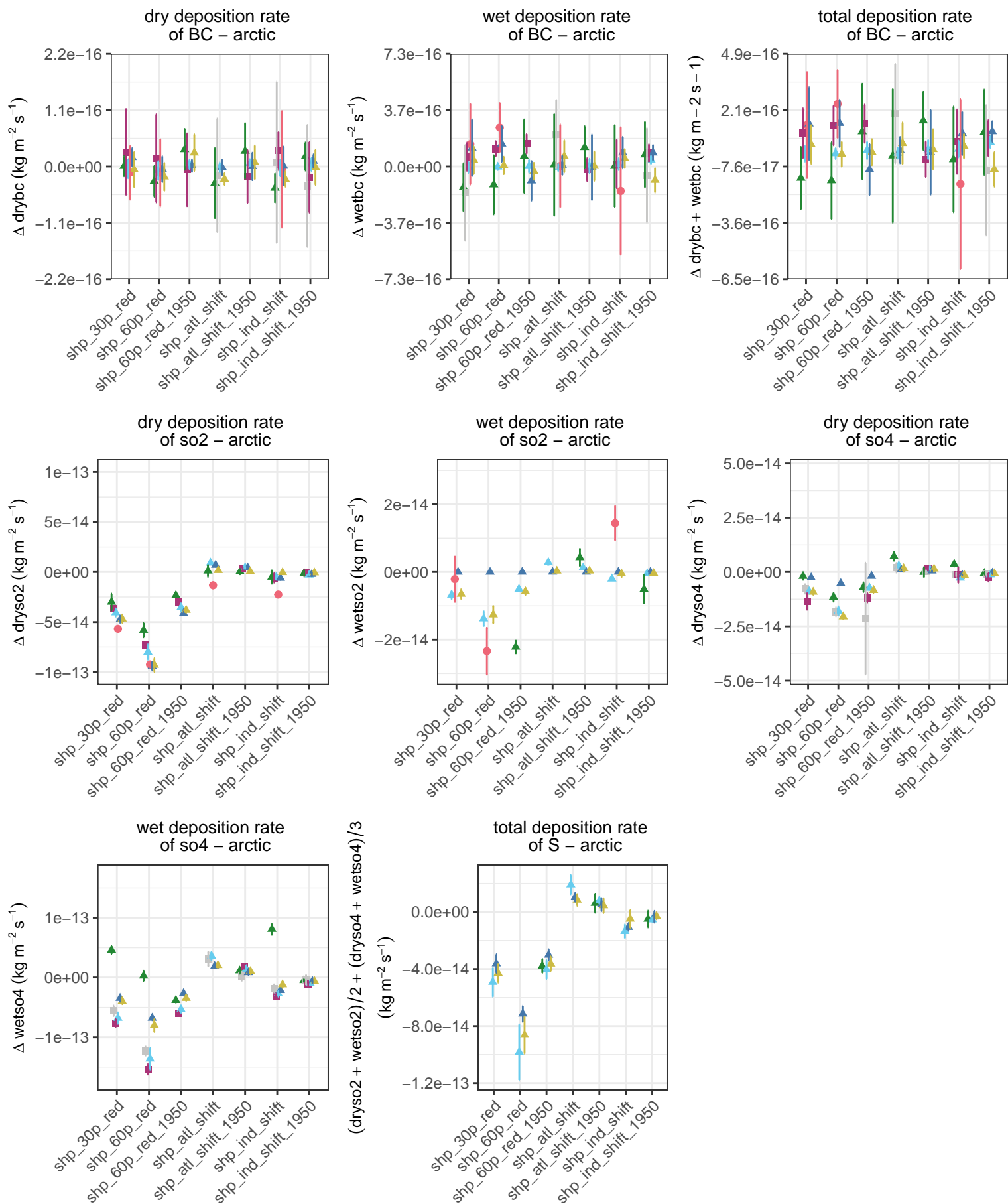


Ice water path – arctic



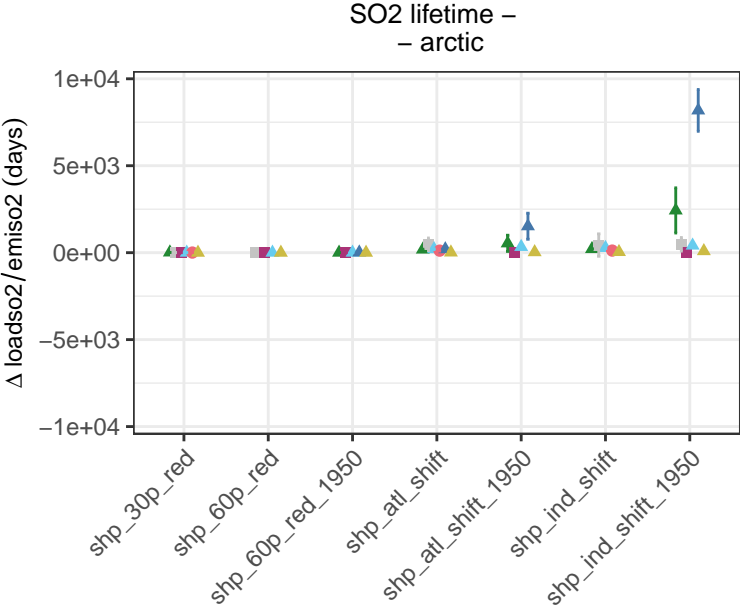
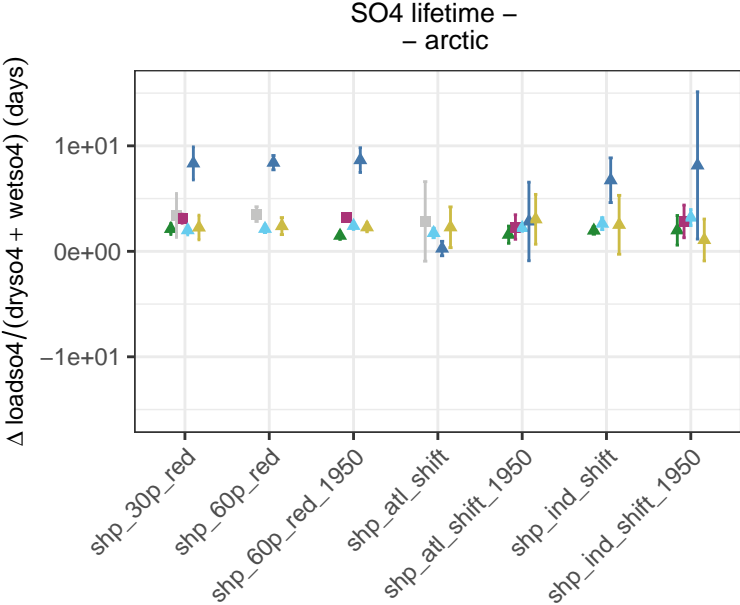
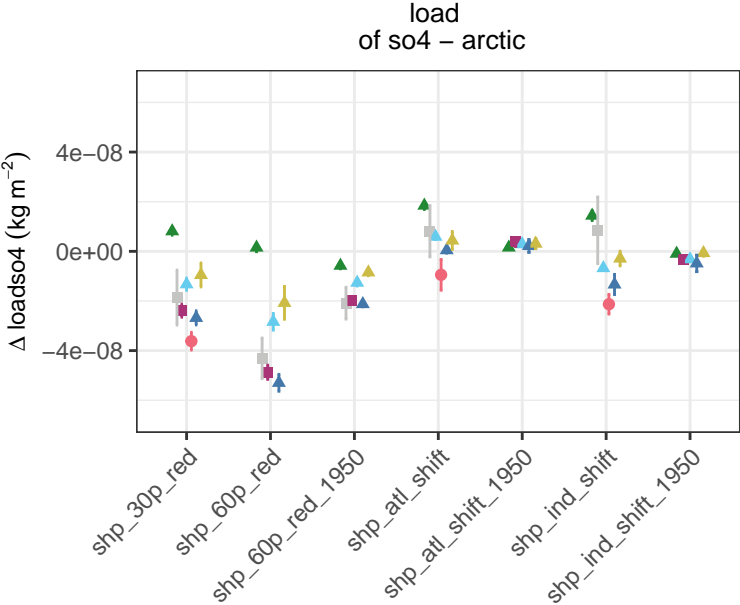
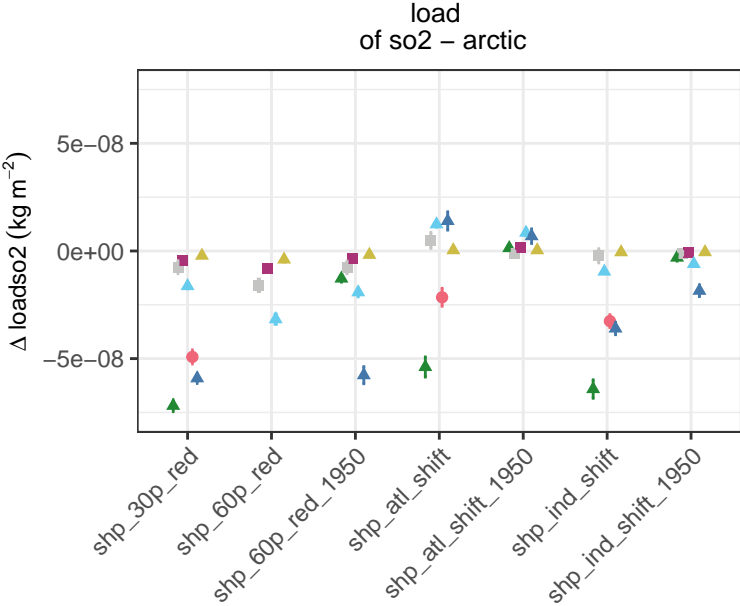
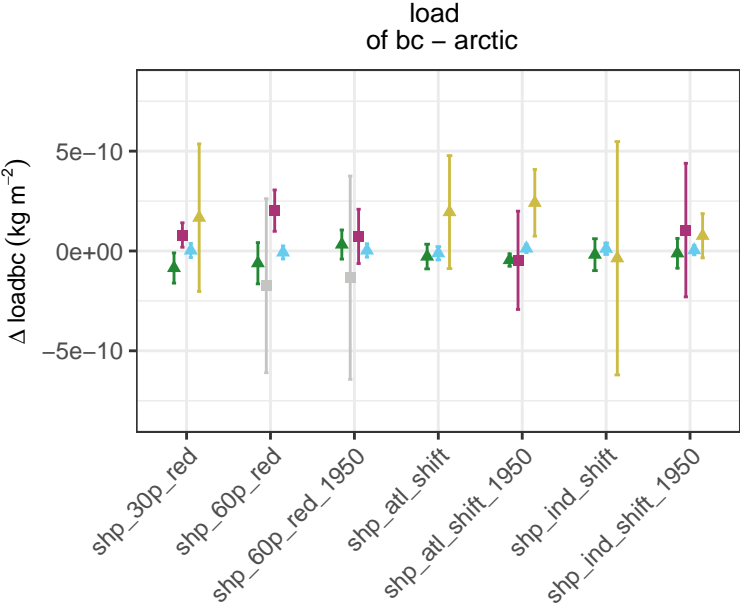
■ CESM1 ■ E3SM ▲ GISS modelE

Summary – absolute difference



▲ CAM-ATRAS ■ E3SM ● GFDL-ESM4 ▲ NorESM2
■ CESM1 ▲ GEOS ▲ GISS modelE

Summary – absolute difference



▲ CAM-ATRAS ■ CESM1 ■ E3SM ▲ GEOS ▲ NorESM2

Summary – absolute difference

