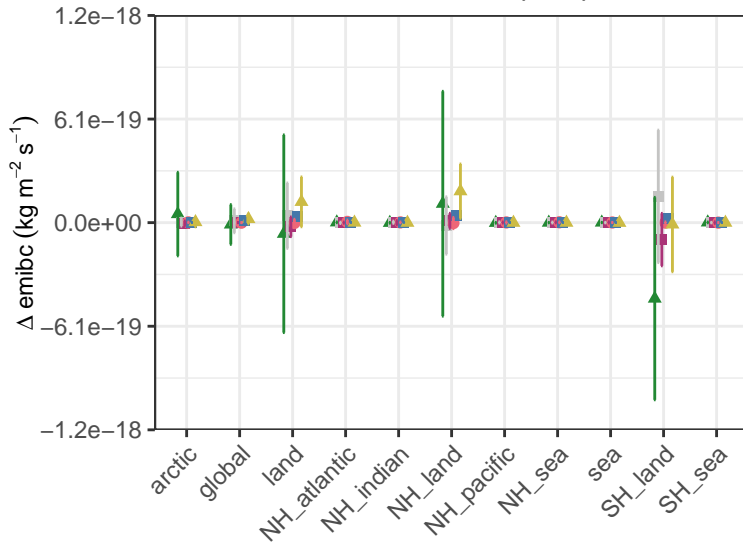
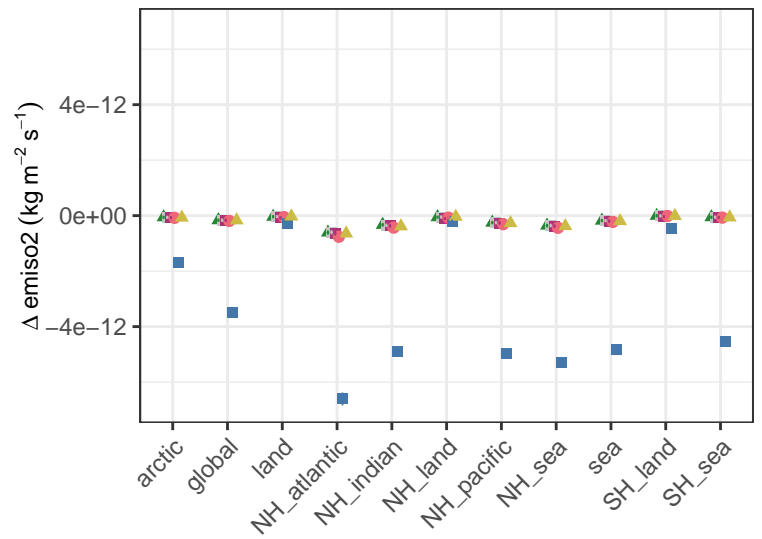


Summary – absolute difference

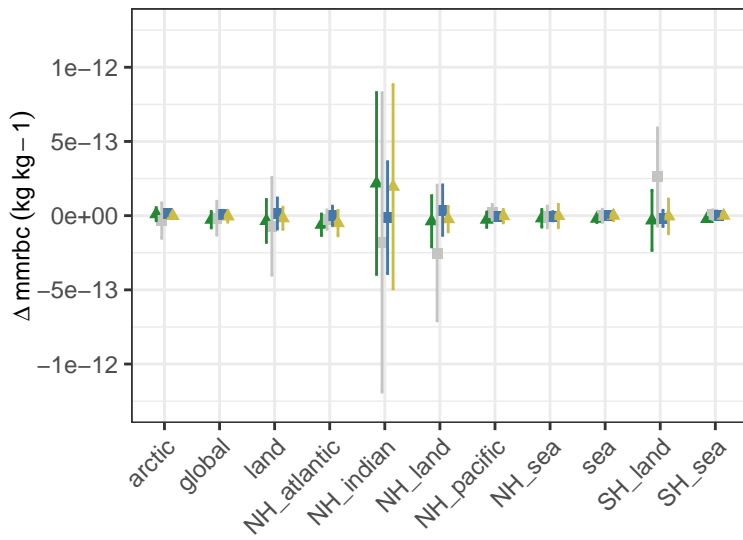
surface flux of BC – shp-30p-red



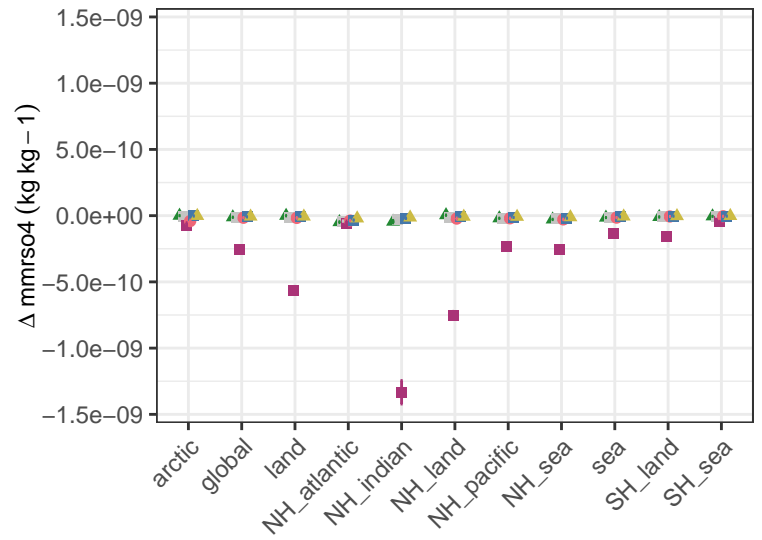
surface flux of SO2 – shp-30p-red



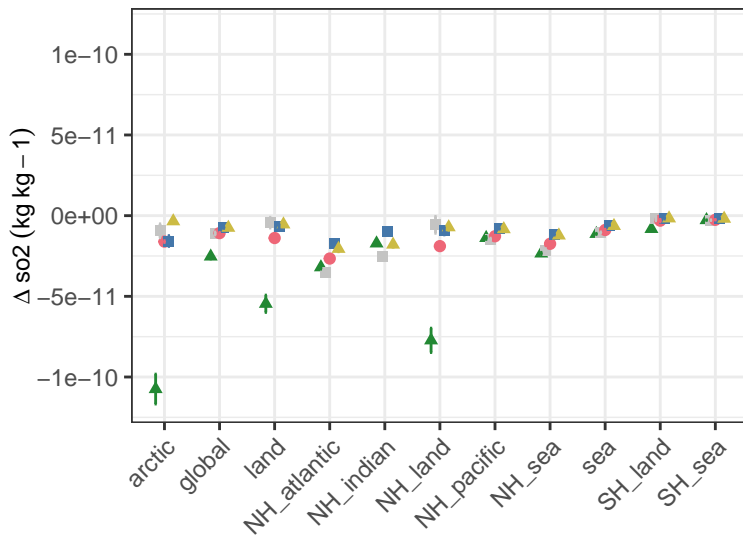
surface concentration of BC – shp-30p-red



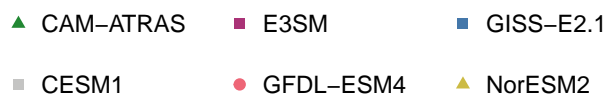
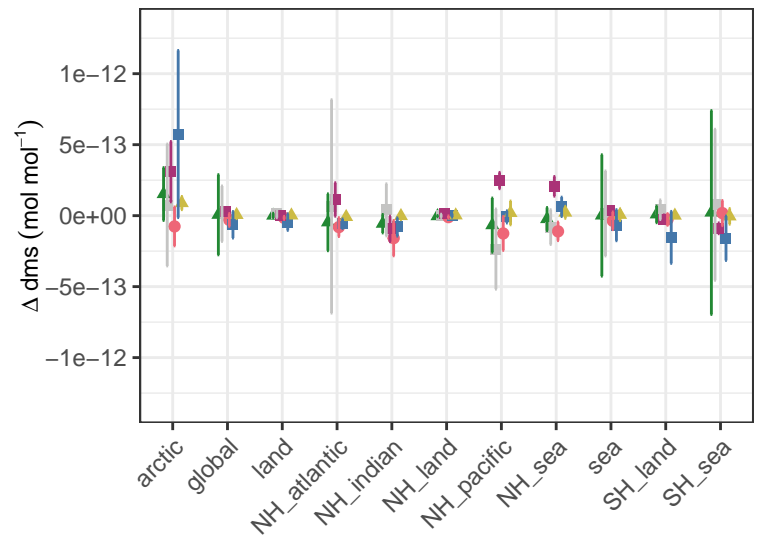
surface concentration of SO4 – shp-30p-red



surface concentration of SO2 – shp-30p-red

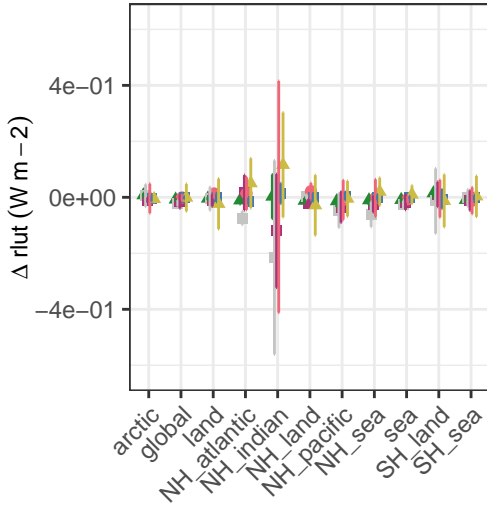


Dimethyl sulphide (DMS) mole fraction – shp-30p-red

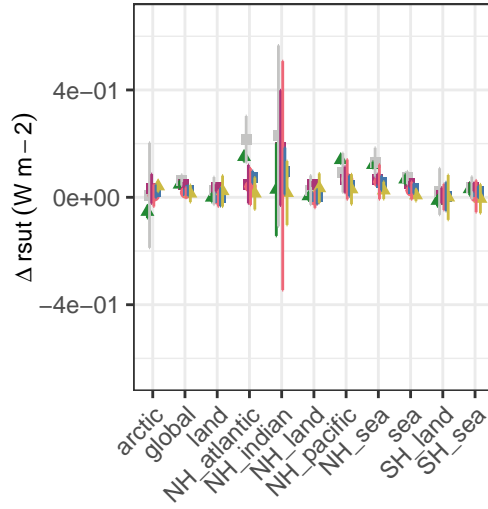


Summary – absolute difference

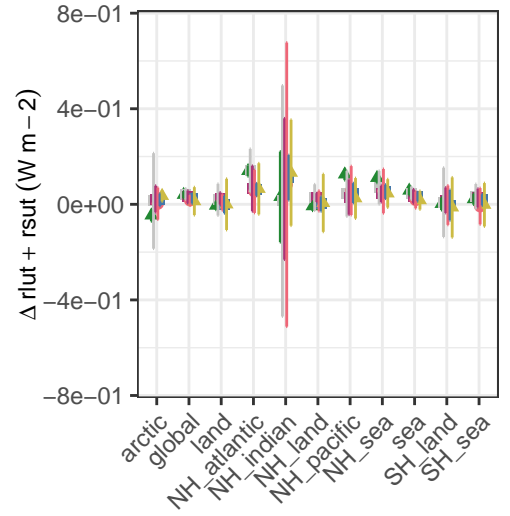
upwelling longwave flux
at TOA – shp-30p-red



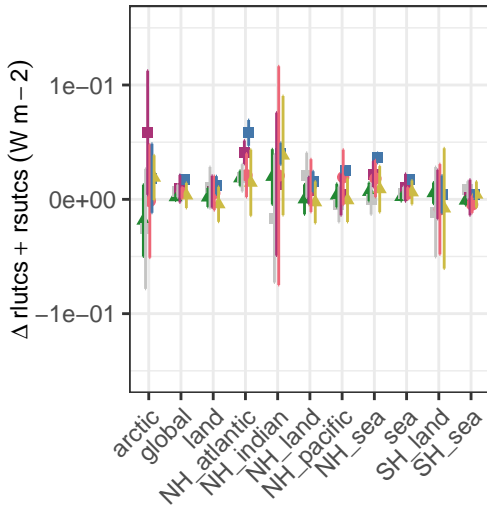
upwelling shortwave flux
at TOA – shp-30p-red



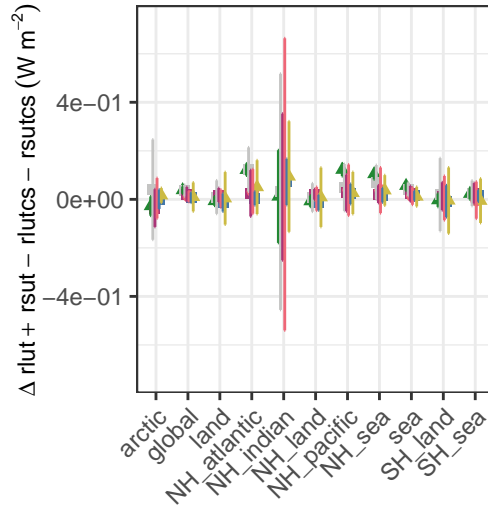
net radiative flux
at TOA – shp-30p-red



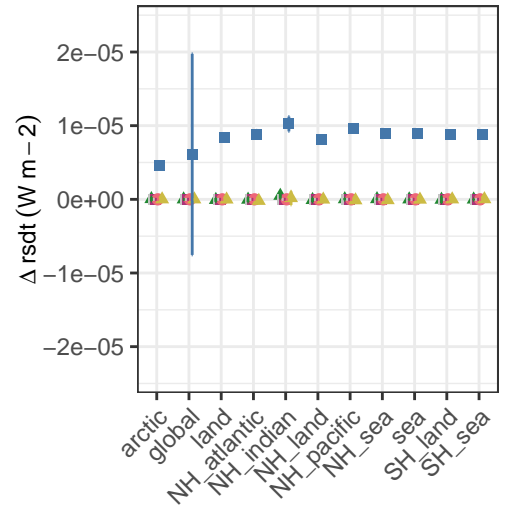
clear-sky net radiative flux
at TOA – shp-30p-red



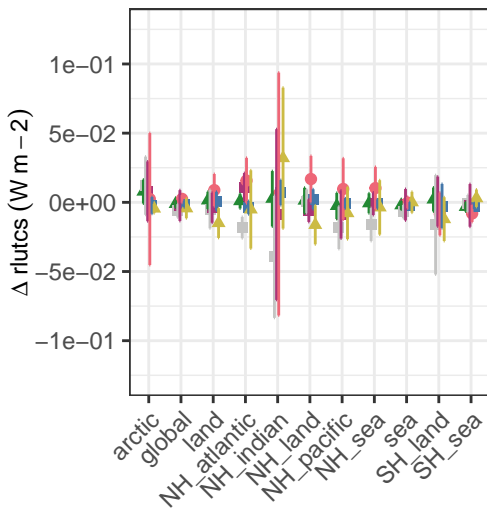
implied cloud response at TOA –
shp-30p-red



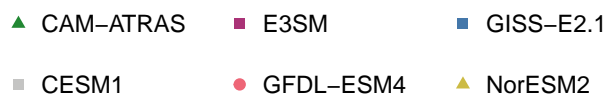
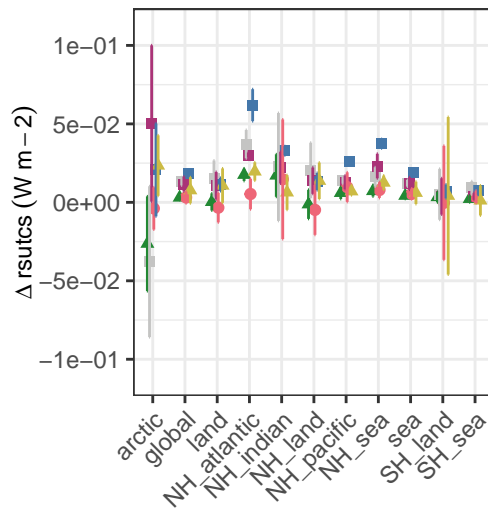
incident shortwave flux
at TOA – shp-30p-red



upwelling clear-sky longwave
flux at TOA – shp-30p-red

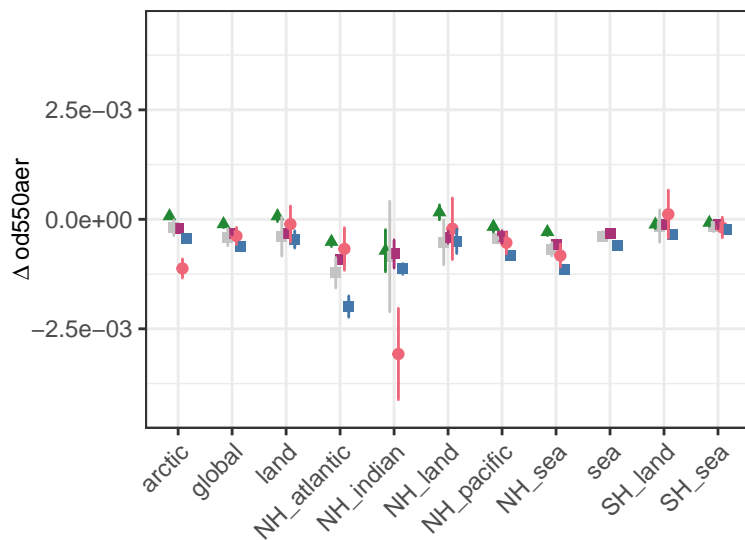


upwelling clear-sky shortwave
flux at TOA – shp-30p-red

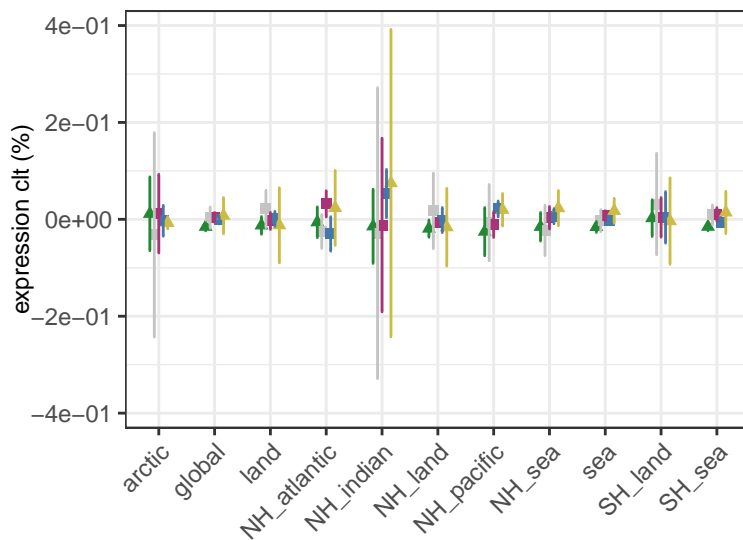


Summary – absolute difference

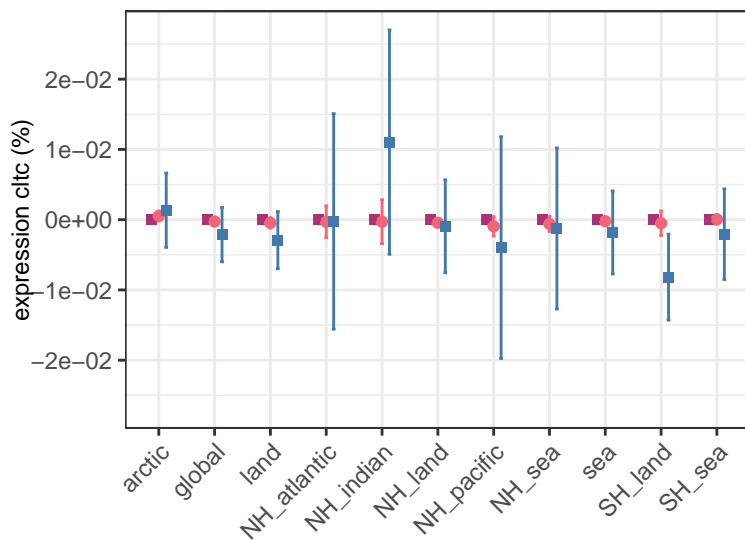
ambient aerosol optical
thickness at 550nm – shp-30p-red



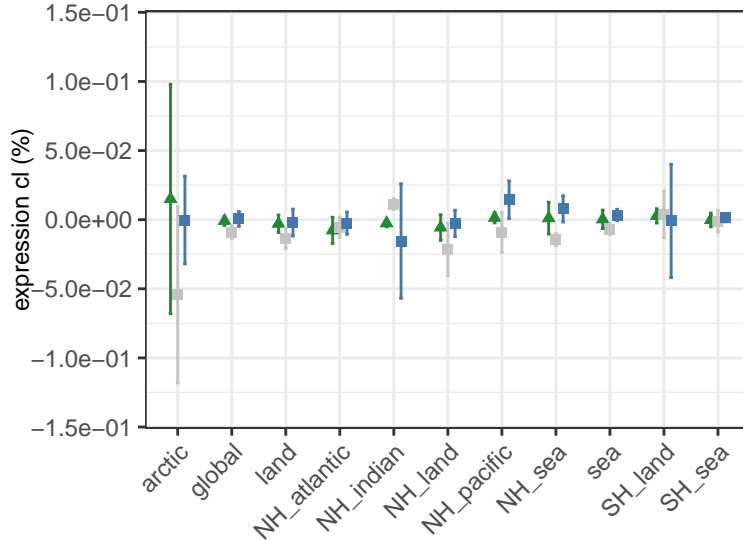
total cloud cover
percentage – shp-30p-red



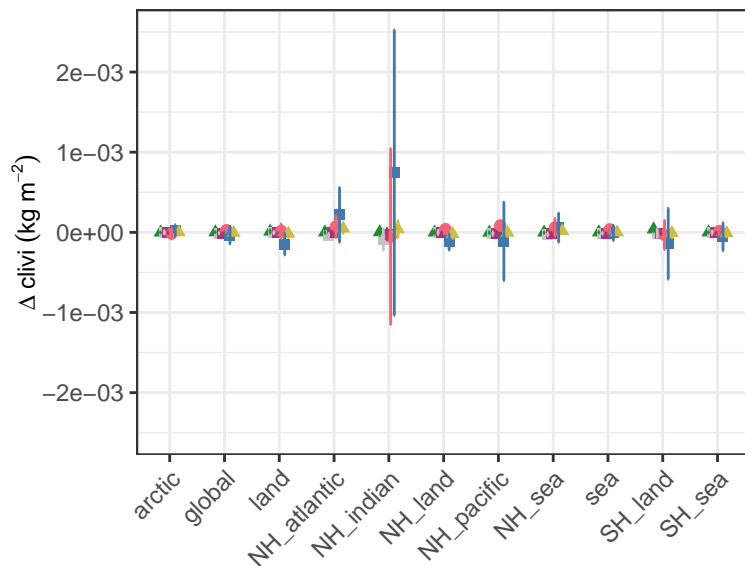
convective cloud cover
percentage – shp-30p-red



cloud cover
percentage – shp-30p-red

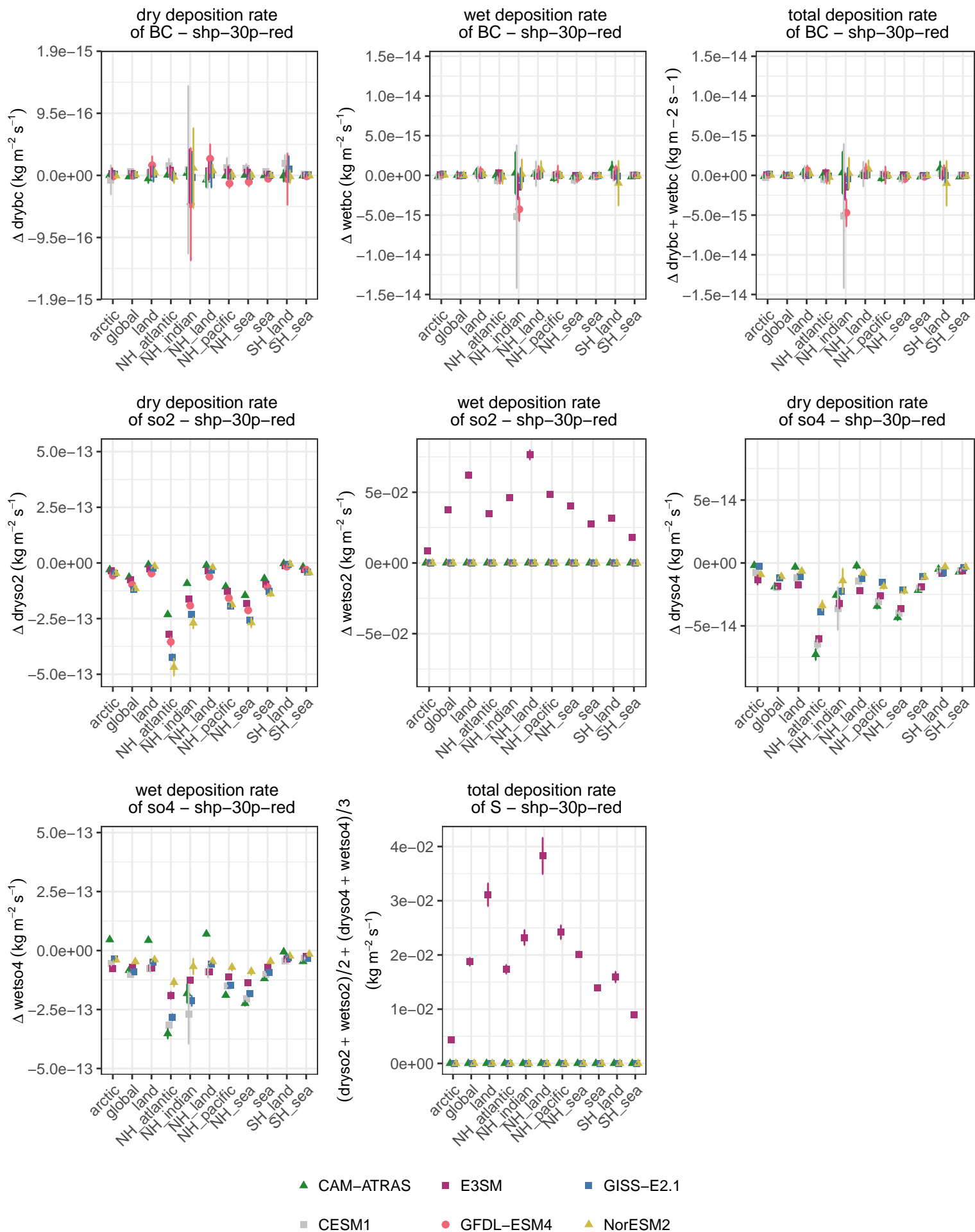


Ice water path – shp-30p-red

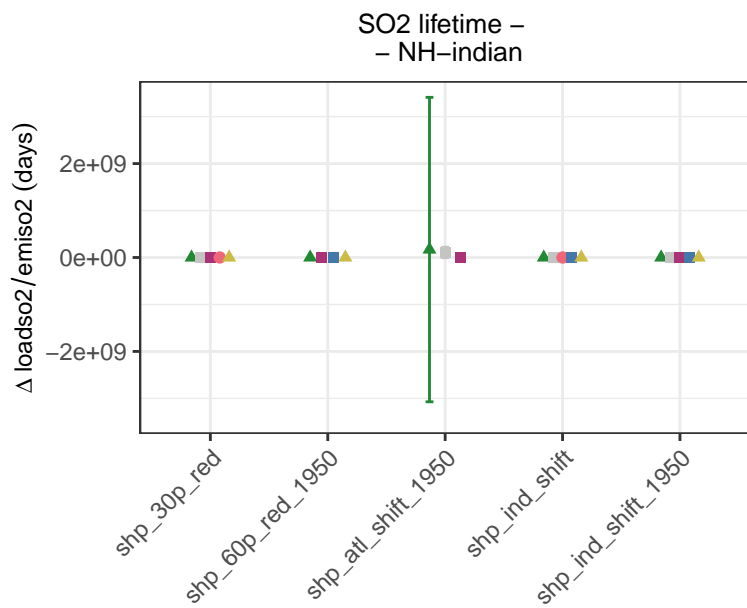
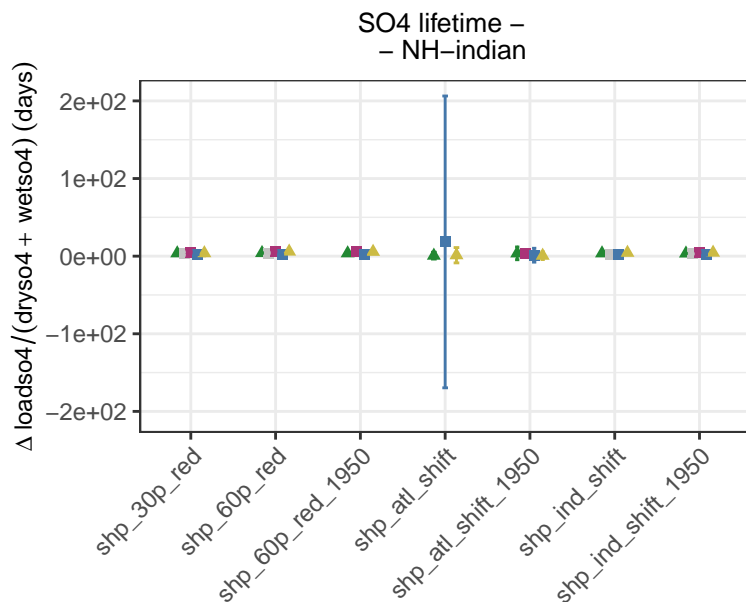
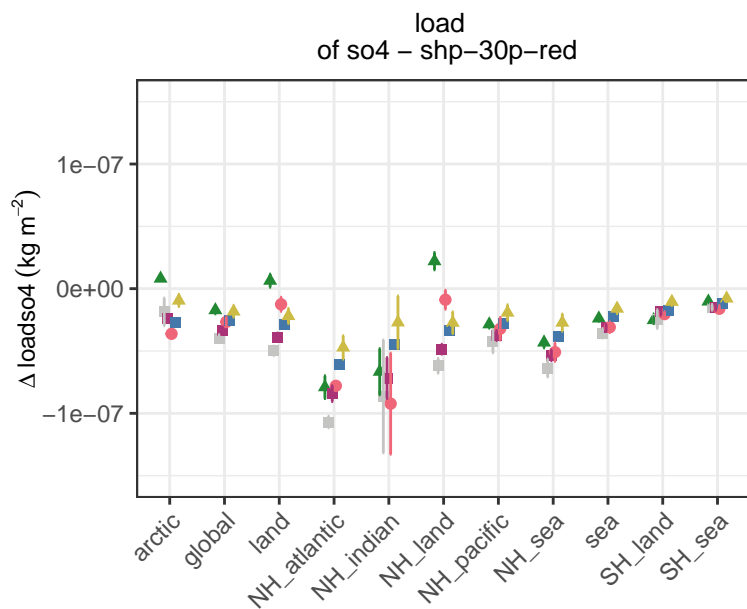
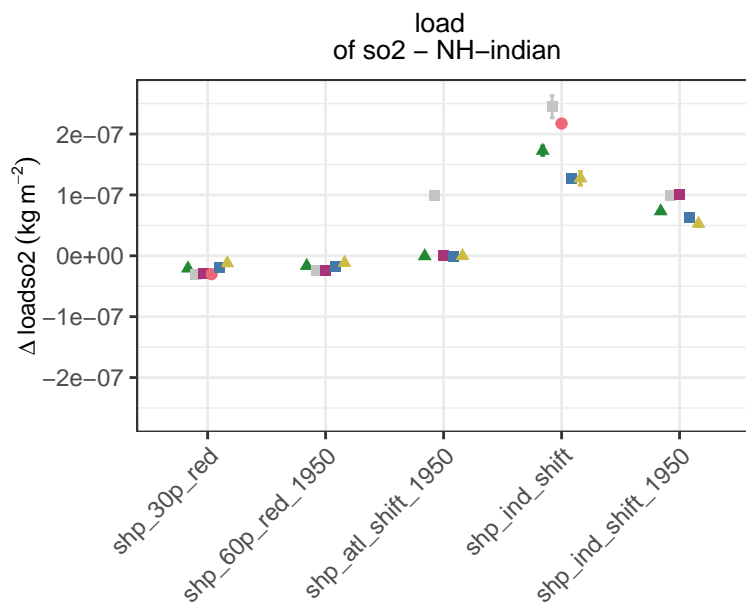
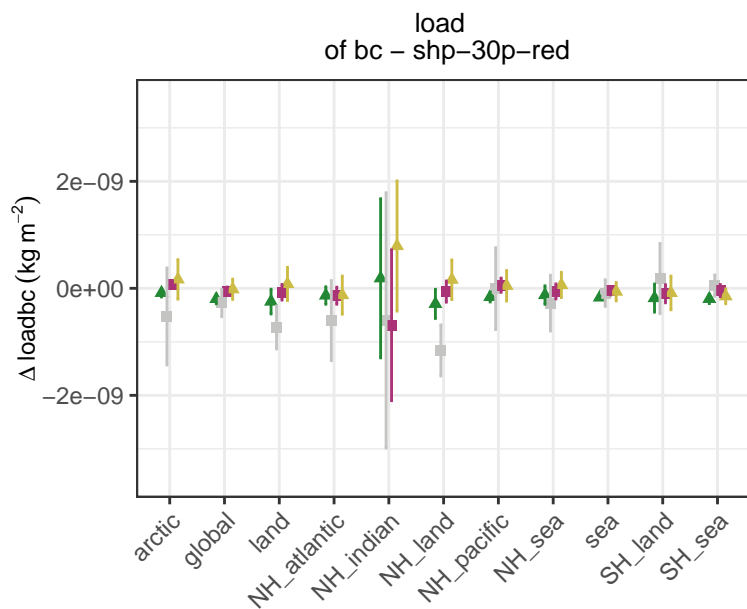


▲ CAM-ATRAS ■ CESM1 ■ E3SM ● GFDL-ESM4 ■ GISS-E2.1

Summary – absolute difference



Summary – absolute difference



▲ CAM-ATRAS ■ CESM1 ■ E3SM ▲ NorESM2