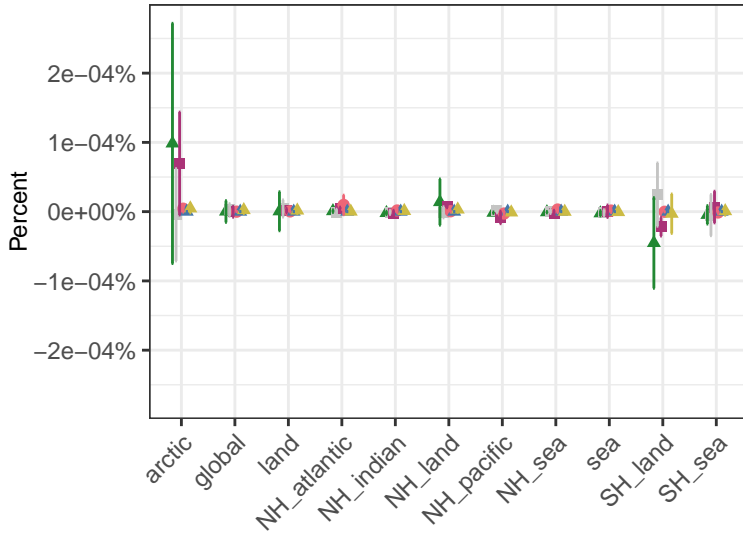
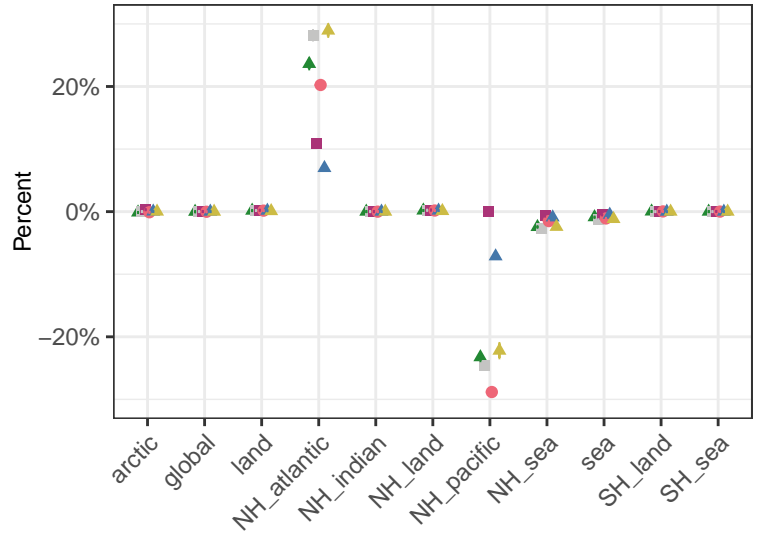


Summary – percent difference

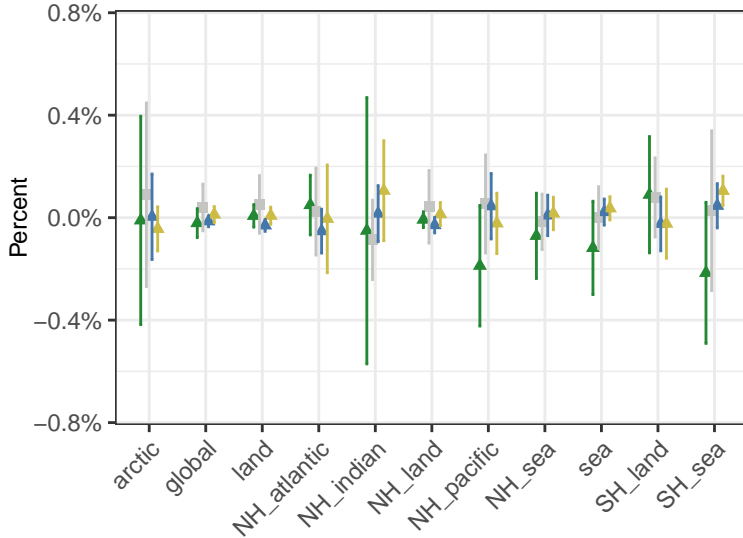
surface flux of BC – shp–atl–shift



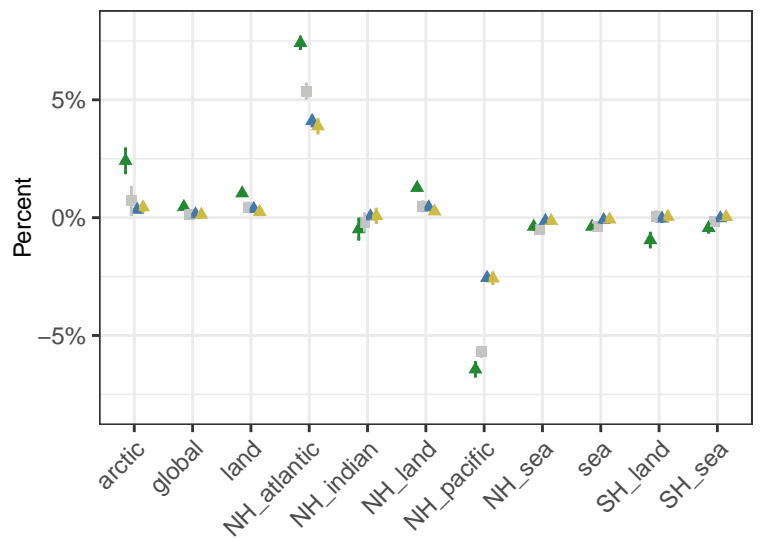
surface flux of SO2 – shp–atl–shift



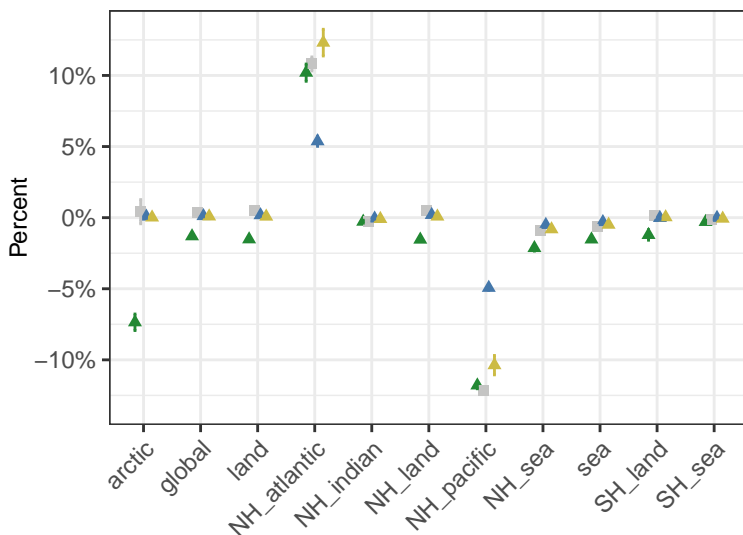
surface concentration of BC – shp–atl–shift



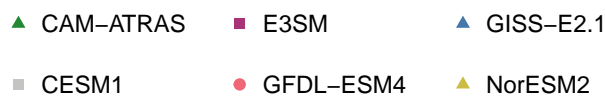
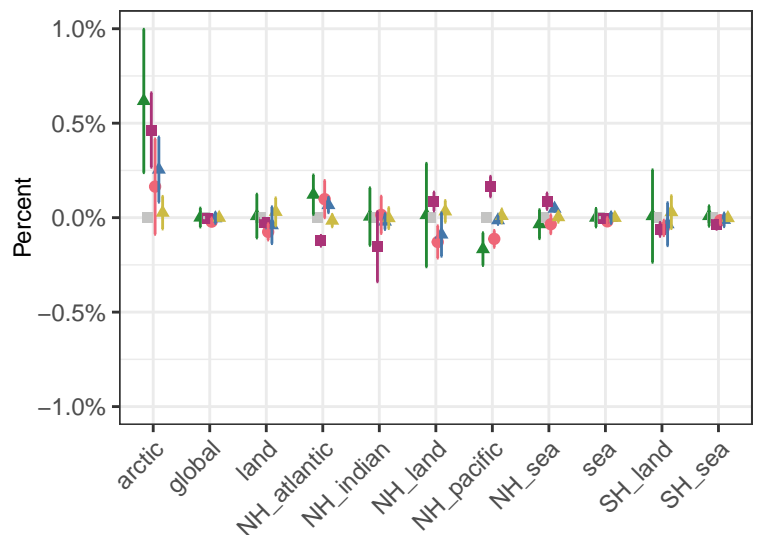
surface concentration of SO4 – shp–atl–shift



surface concentration of SO2 – shp–atl–shift

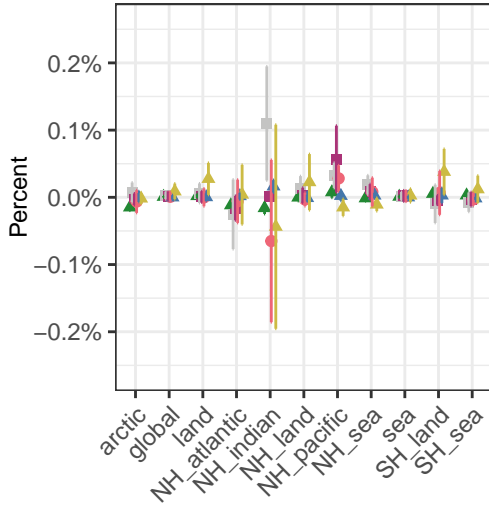


Dimethyl sulphide (DMS) mole fraction – shp–atl–shift

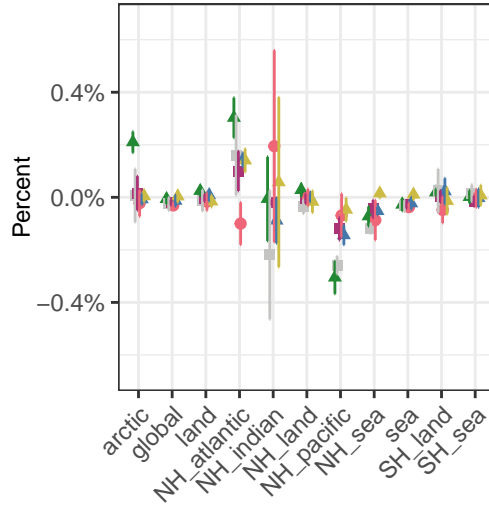


Summary – percent difference

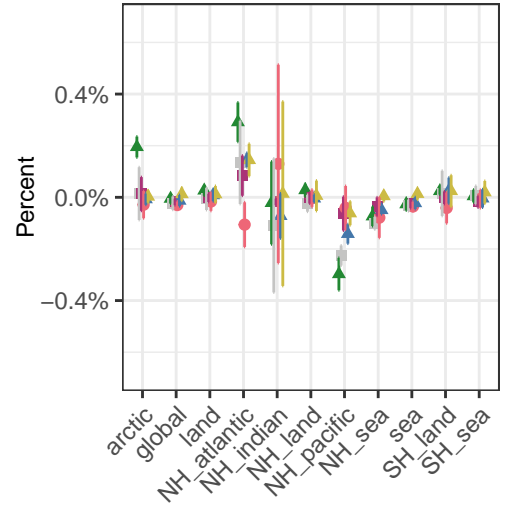
upwelling longwave flux
at TOA – shp–atl–shift



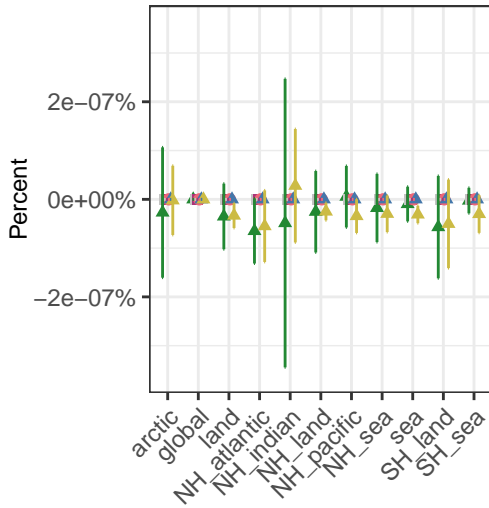
upwelling shortwave flux
at TOA – shp–atl–shift



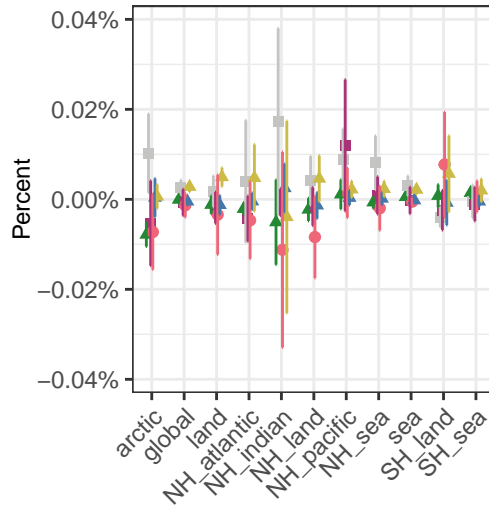
net radiative flux
at TOA – shp–atl–shift



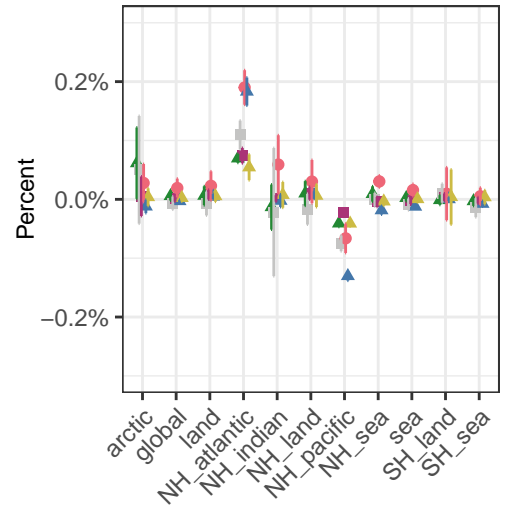
incident shortwave flux
at TOA – shp–atl–shift



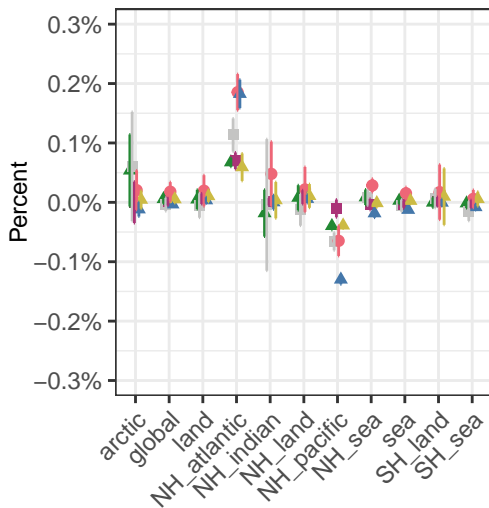
upwelling clear-sky longwave
flux at TOA – shp–atl–shift



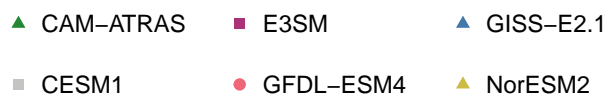
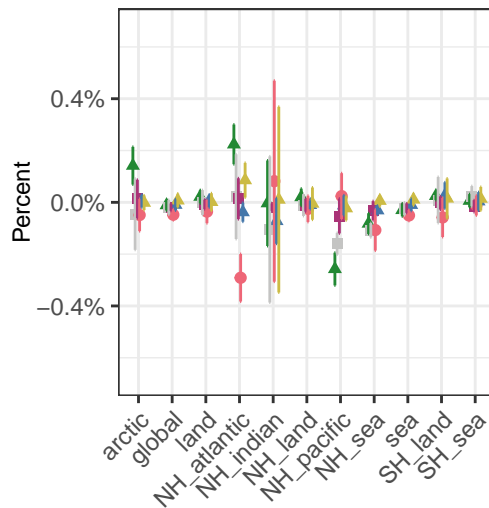
upwelling clear-sky shortwave
flux at TOA – shp–atl–shift



clear-sky net radiative flux
at TOA – shp–atl–shift

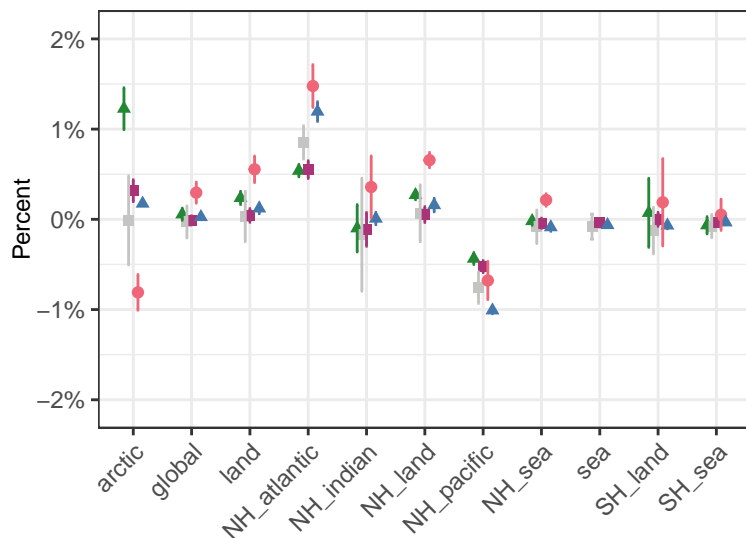


implied cloud response at TOA –
– shp–atl–shift

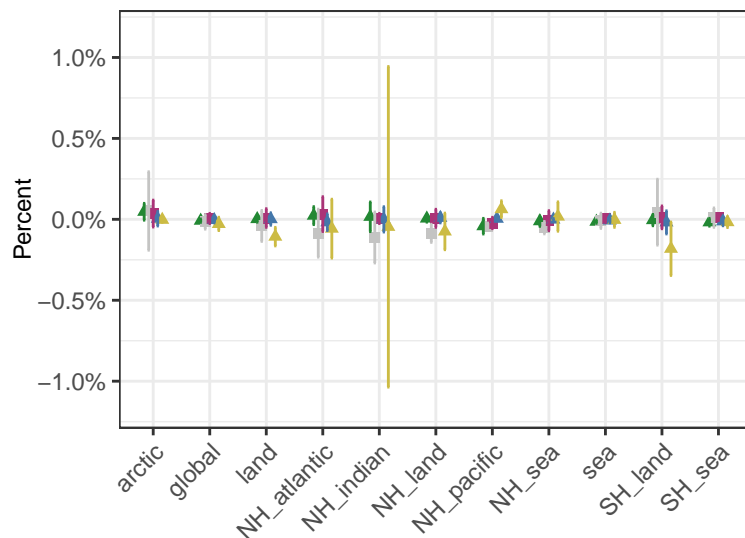


Summary – percent difference

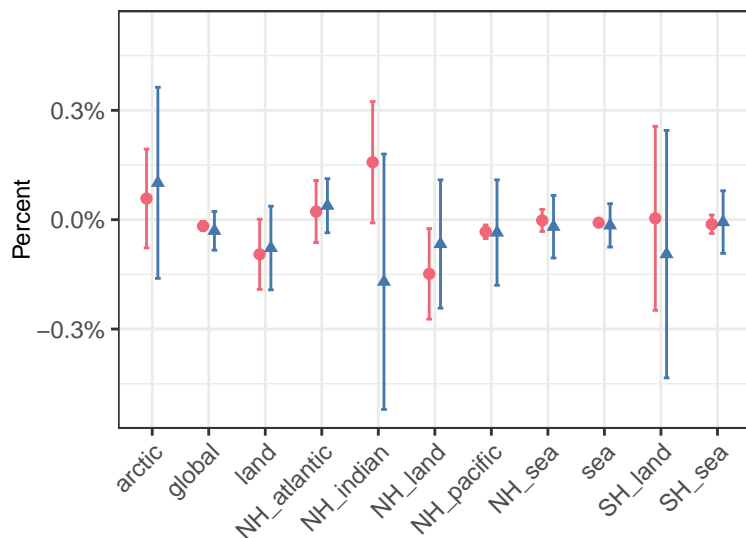
ambient aerosol optical
thickness at 550nm – shp–atl–shift



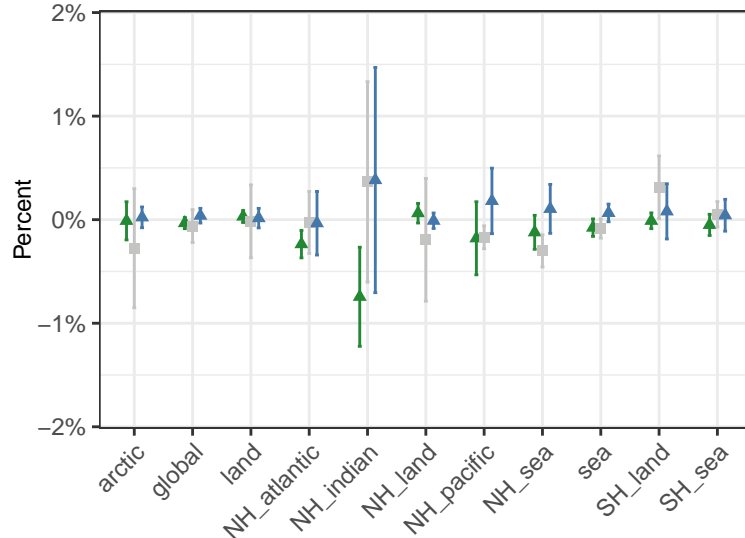
total cloud cover
percentage – shp–atl–shift



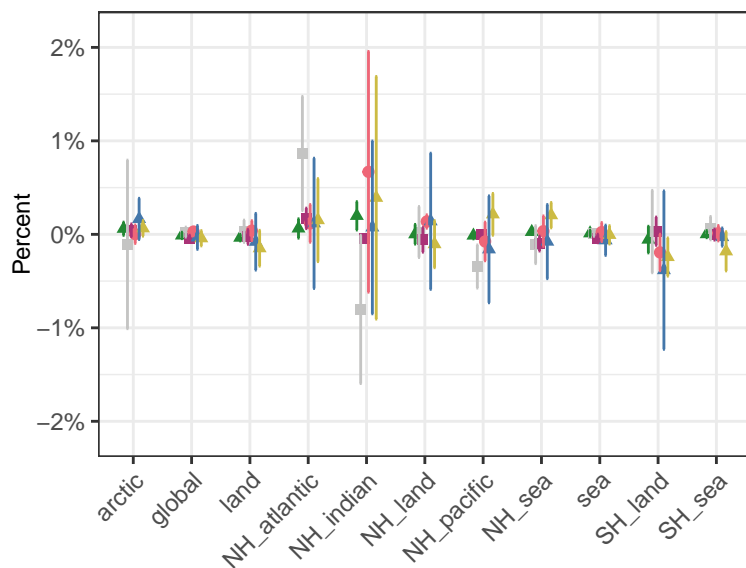
convective cloud cover
percentage – shp–atl–shift



cloud cover
percentage – shp–atl–shift

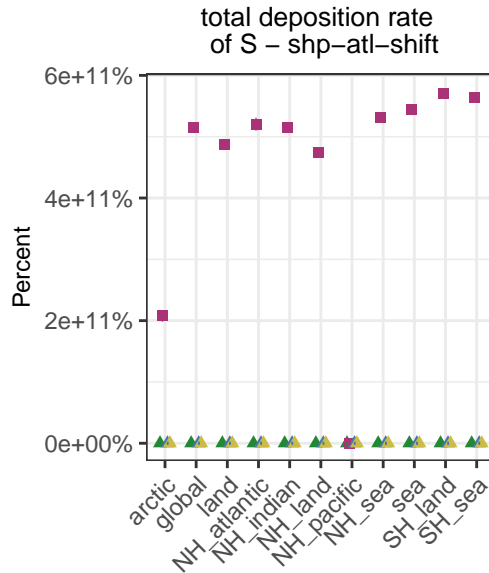
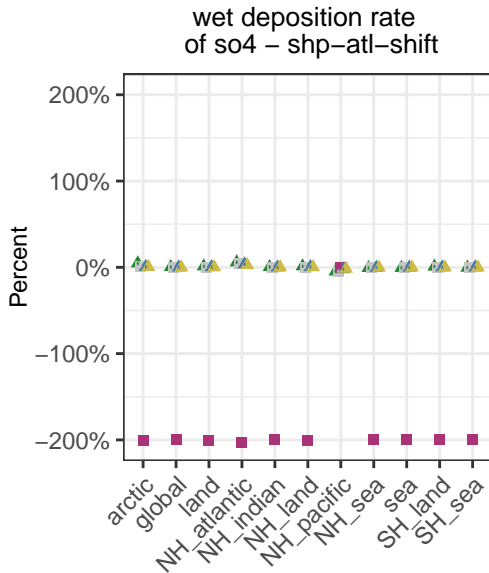
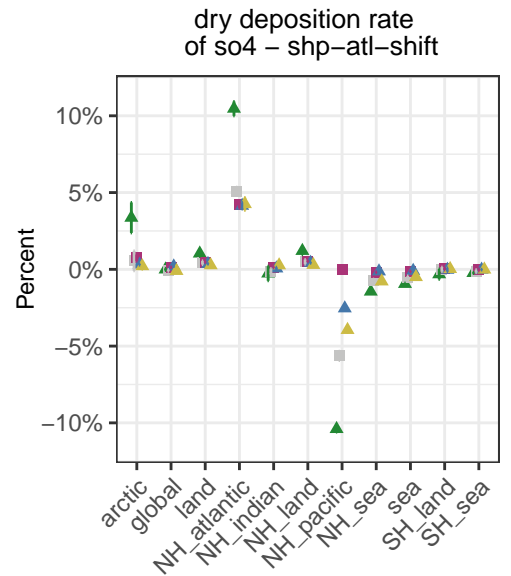
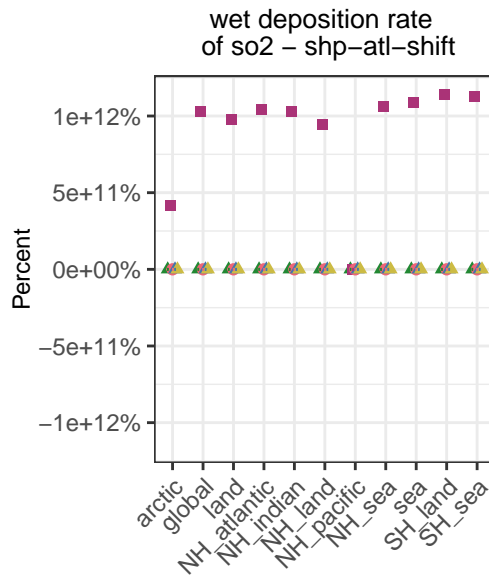
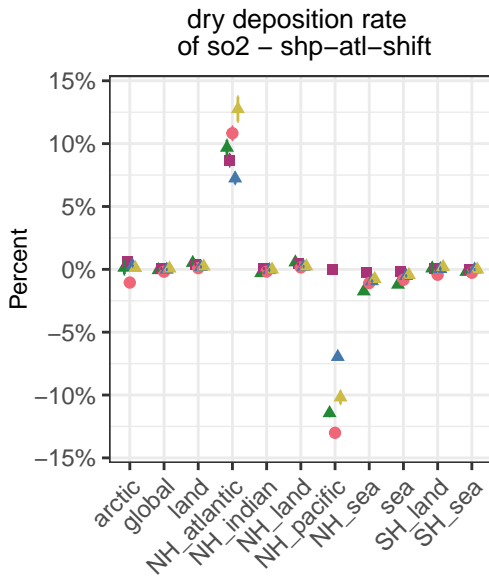
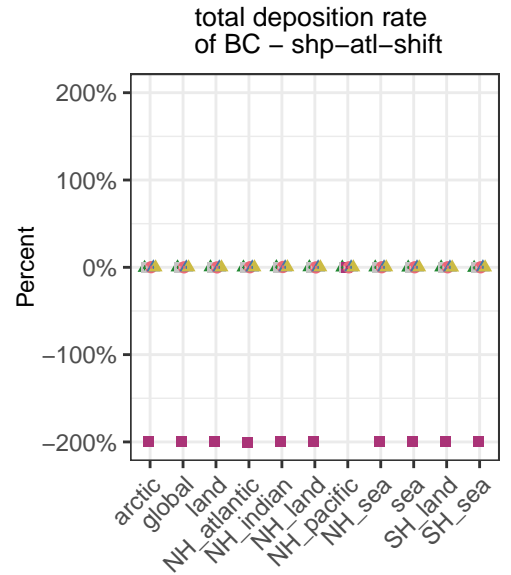
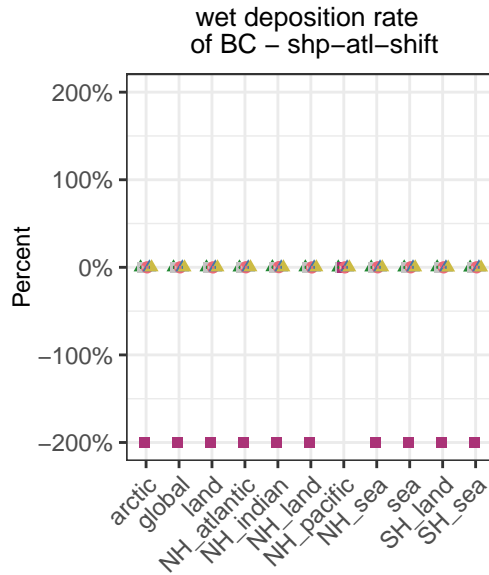
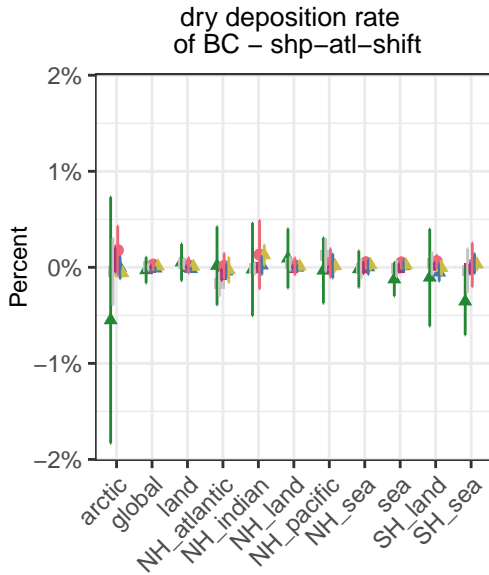


Ice water path – shp–atl–shift



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

Summary – percent difference



▲ CAM-ATRAS ■ E3SM ▲ GISS-E2.1
 ■ CESM1 ● GFDL-ESM4 ▲ NorESM2

Summary – percent difference

