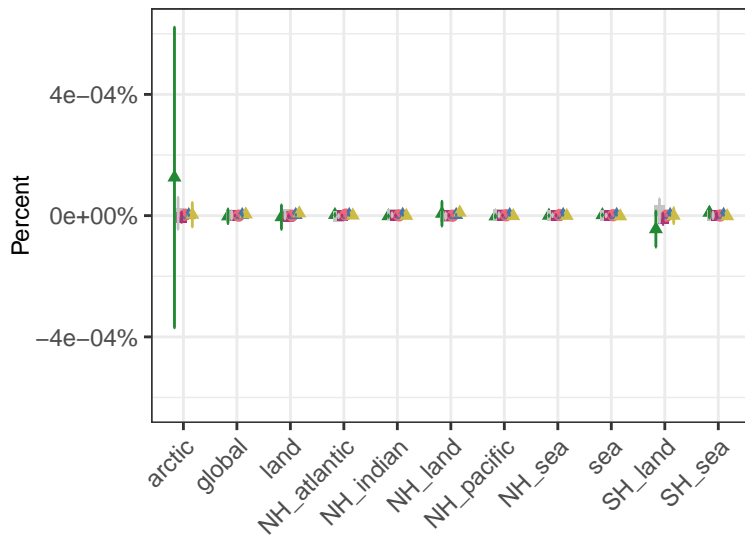
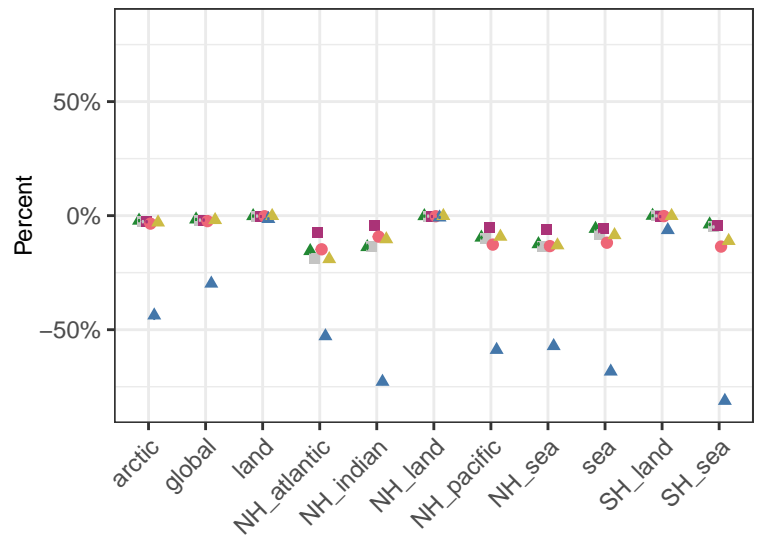


## Summary – percent difference

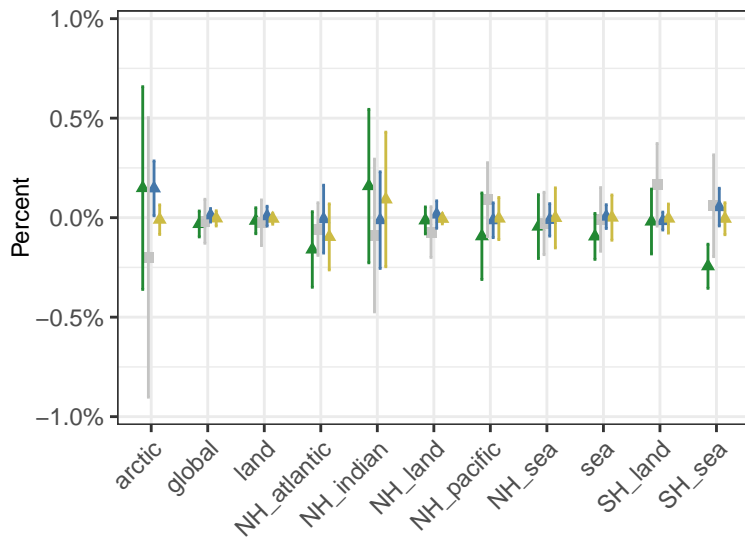
surface flux of BC – shp-30p-red



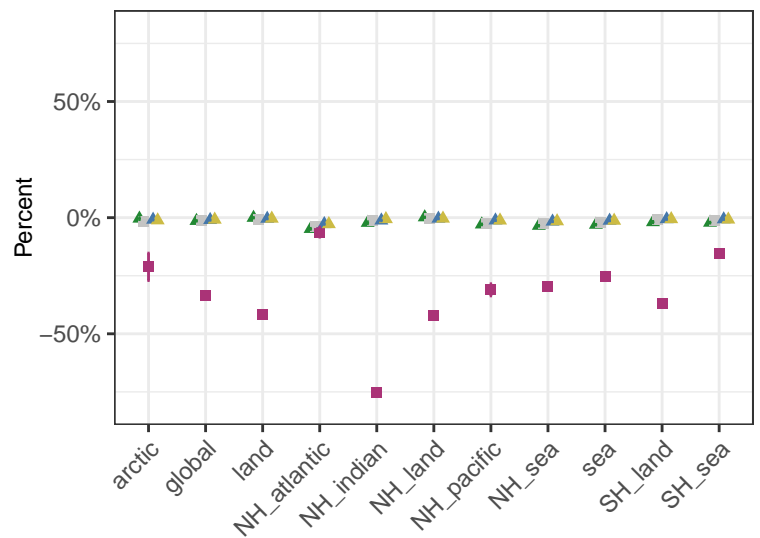
surface flux of SO2 – shp-30p-red



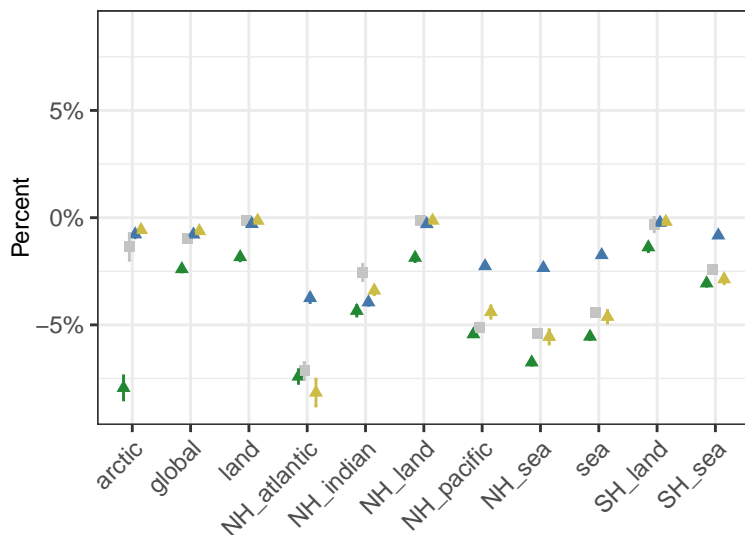
surface concentration of BC – shp-30p-red



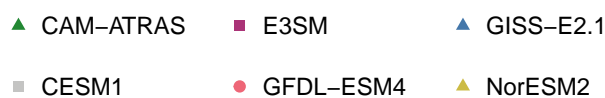
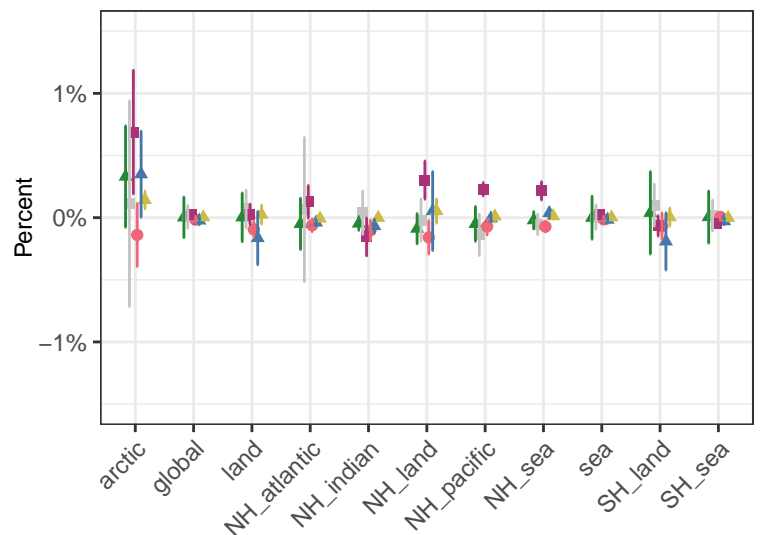
surface concentration of SO4 – shp-30p-red



surface concentration of SO2 – shp-30p-red

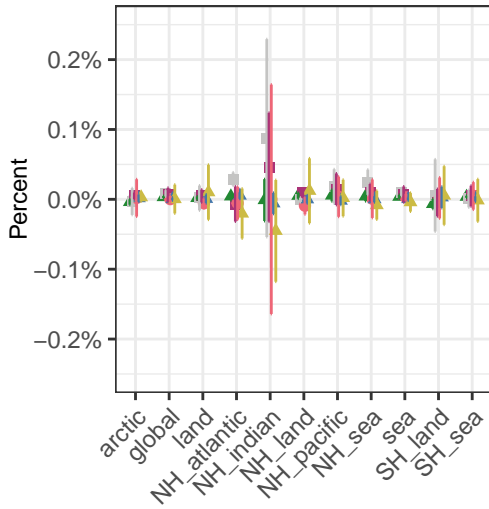


Dimethyl sulphide (DMS) mole fraction – shp-30p-red

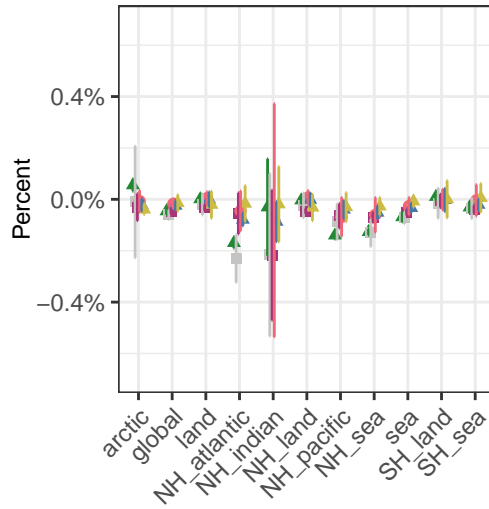


## Summary – percent difference

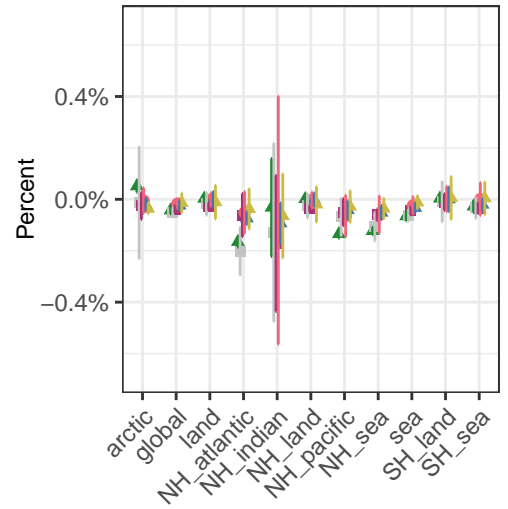
upwelling longwave flux  
at TOA – shp-30p-red



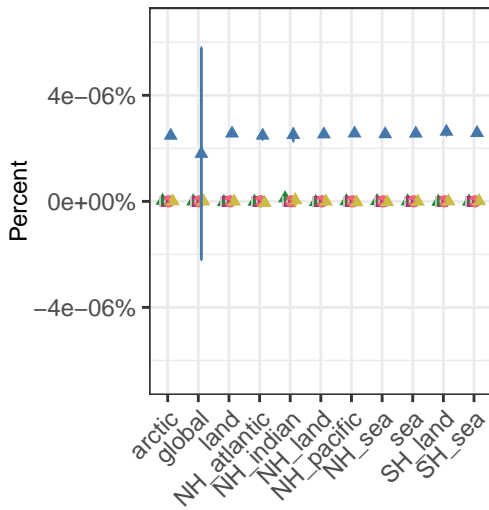
upwelling shortwave flux  
at TOA – shp-30p-red



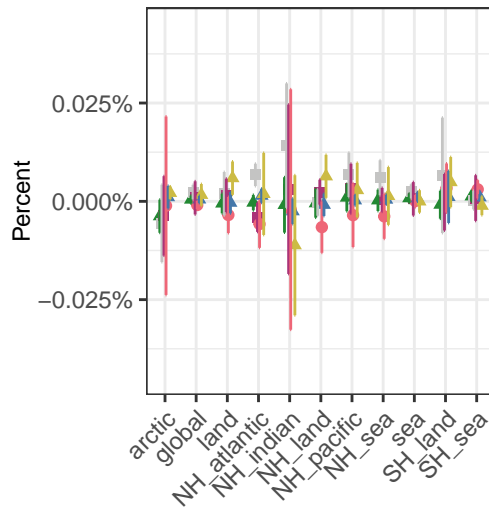
net radiative flux  
at TOA – shp-30p-red



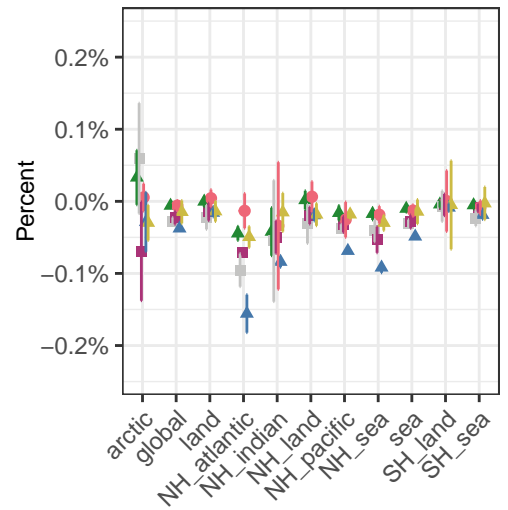
incident shortwave flux  
at TOA – shp-30p-red



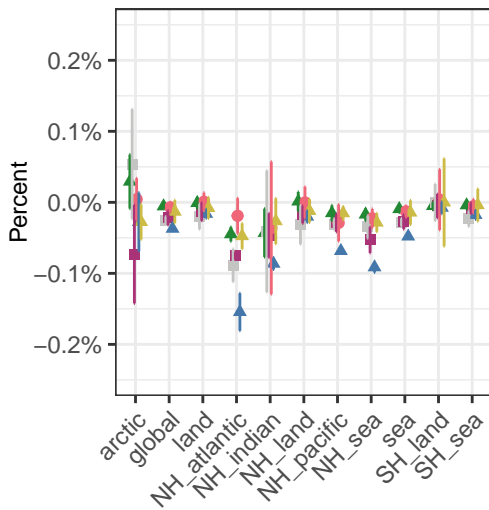
upwelling clear-sky longwave  
flux at TOA – shp-30p-red



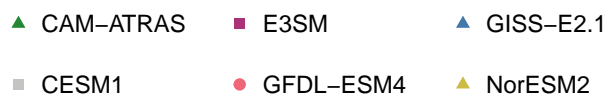
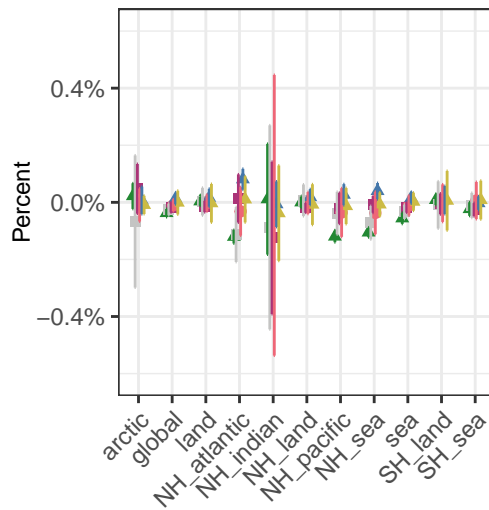
upwelling clear-sky shortwave  
flux at TOA – shp-30p-red



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

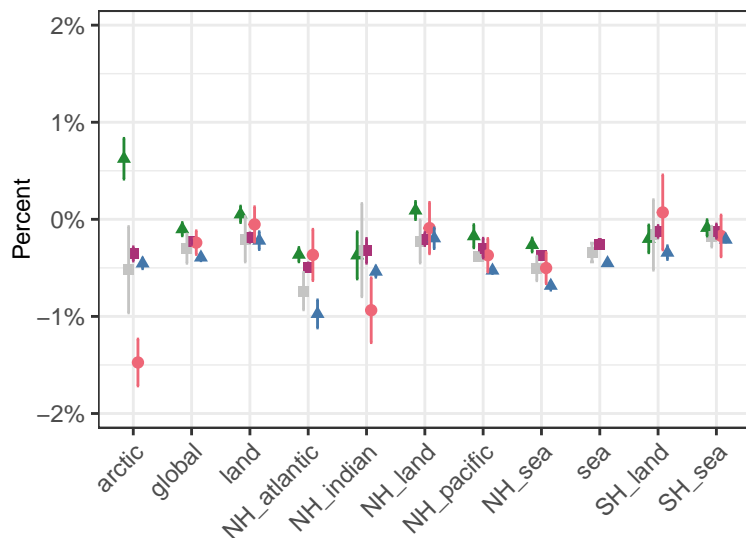


implied cloud response at TOA –  
– shp-30p-red

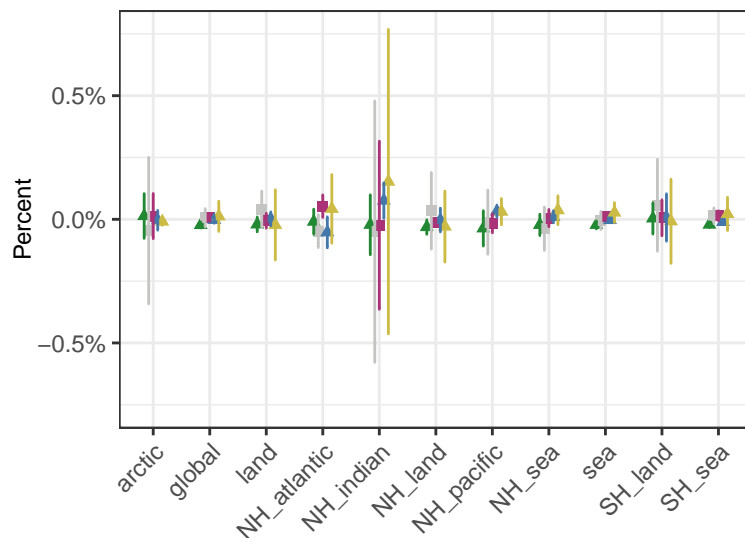


## Summary – percent difference

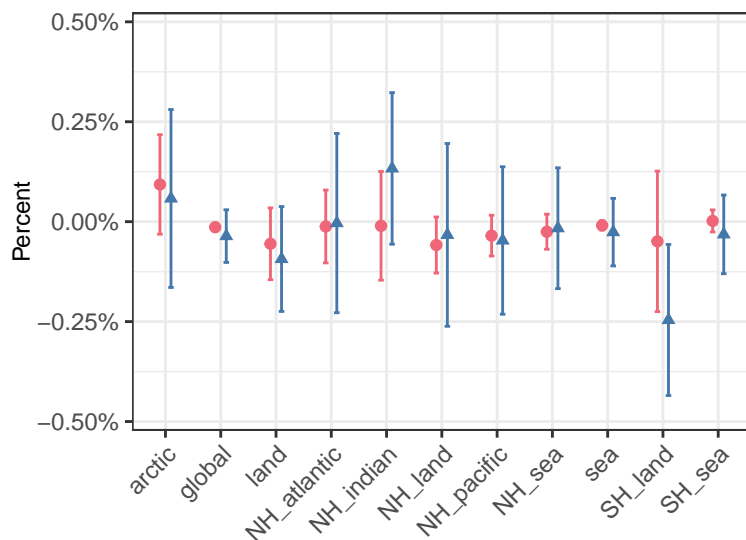
ambient aerosol optical  
thickness at 550nm – shp-30p-red



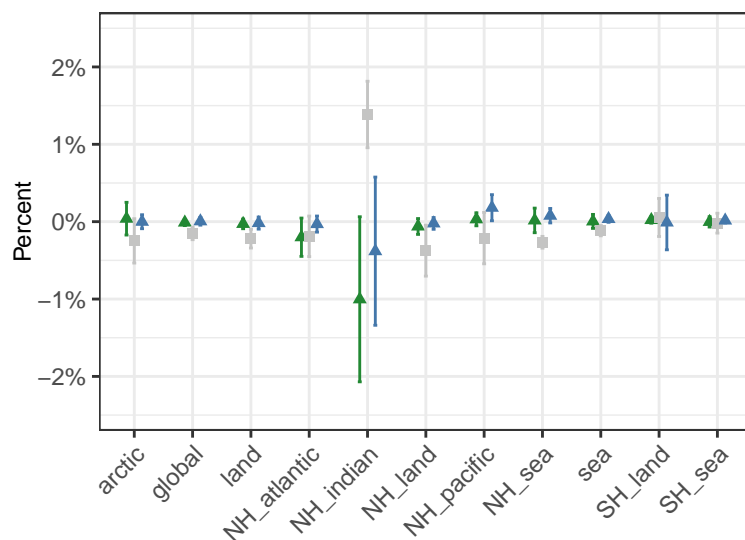
total cloud cover  
percentage – shp-30p-red



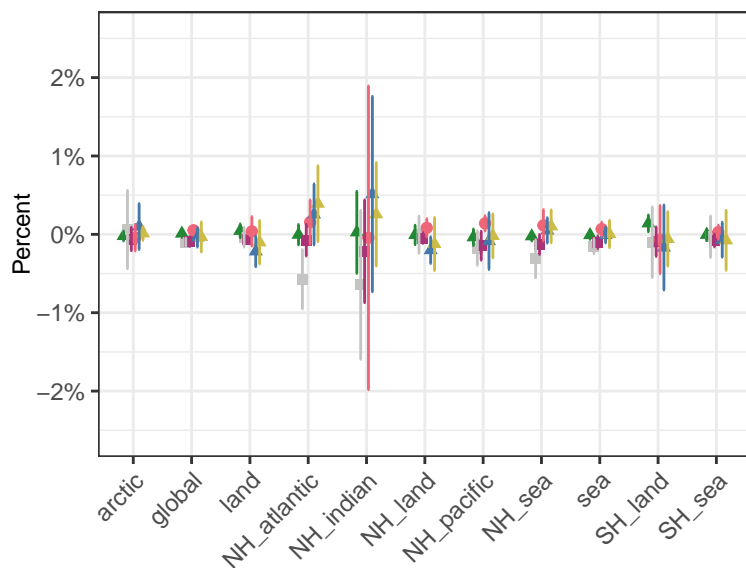
convective cloud cover  
percentage – shp-30p-red



cloud cover  
percentage – shp-30p-red

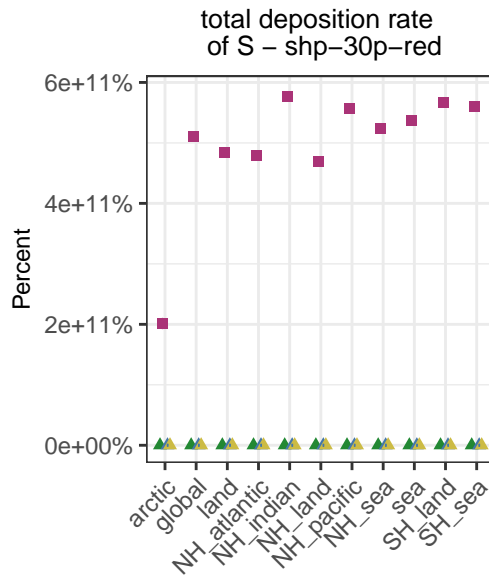
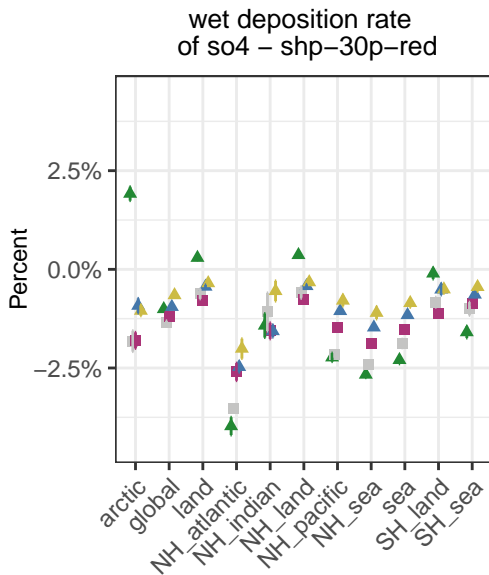
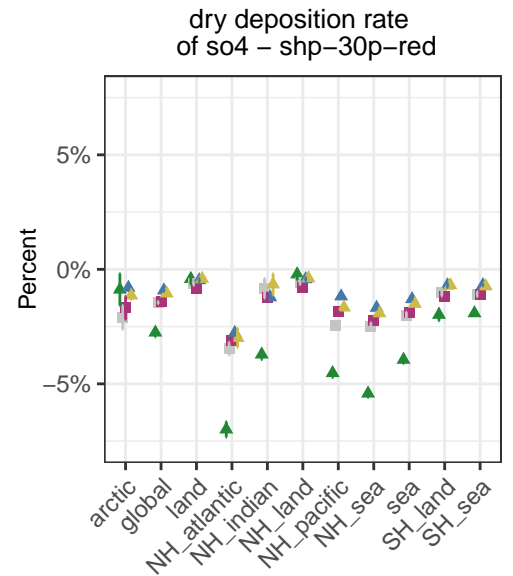
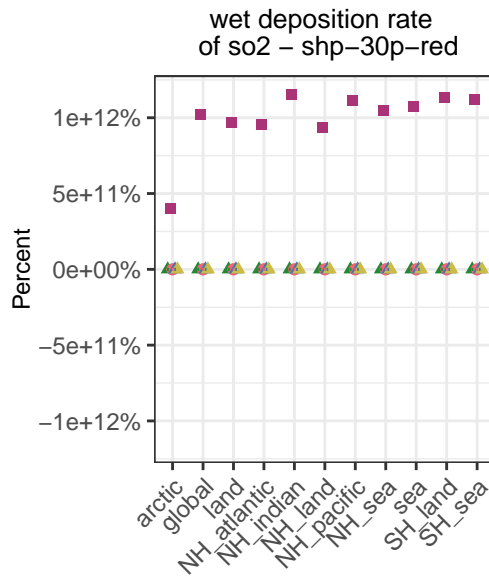
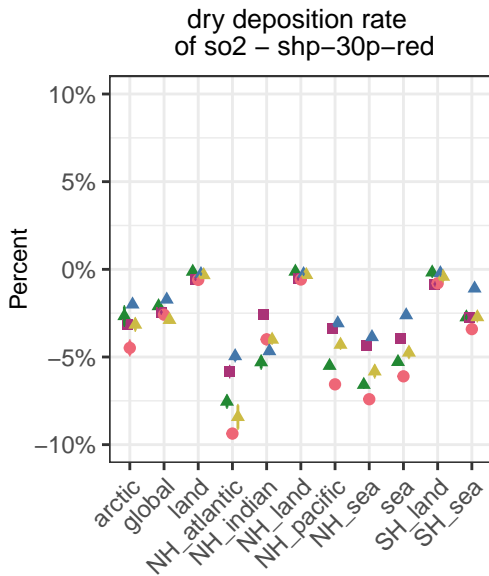
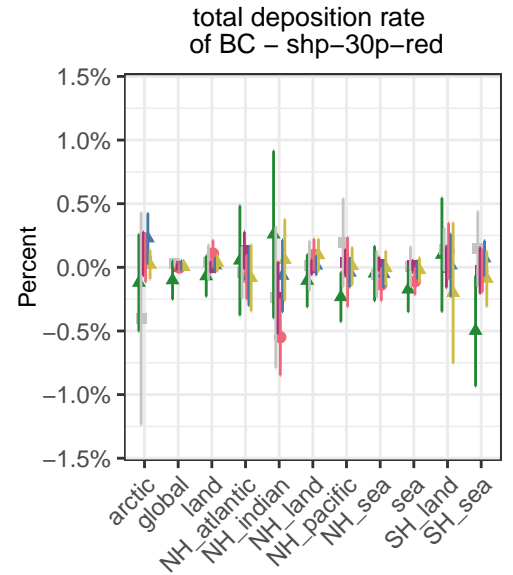
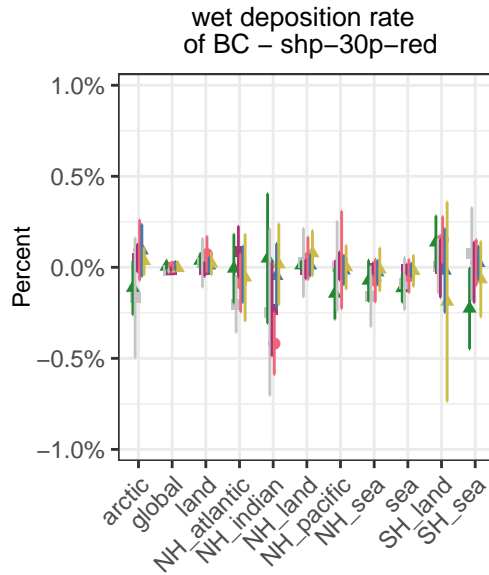
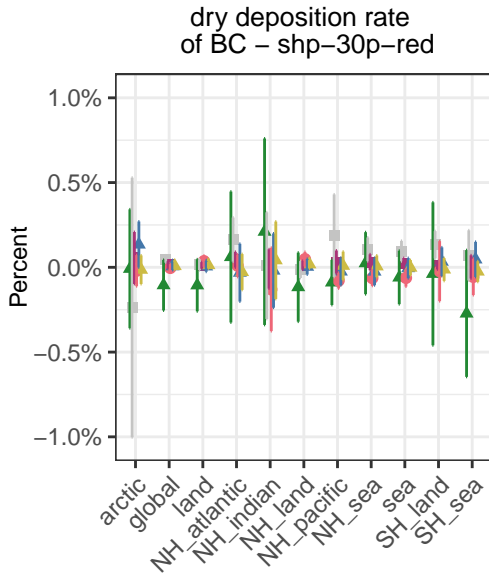


Ice water path – shp-30p-red



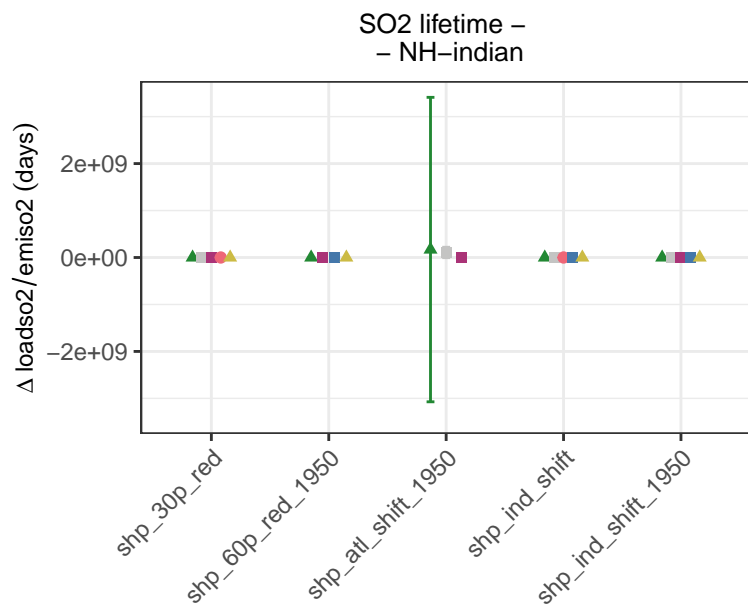
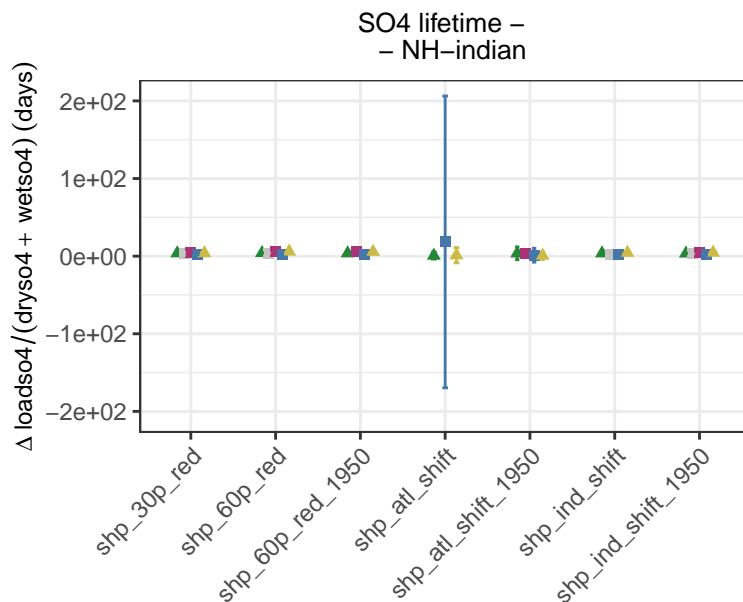
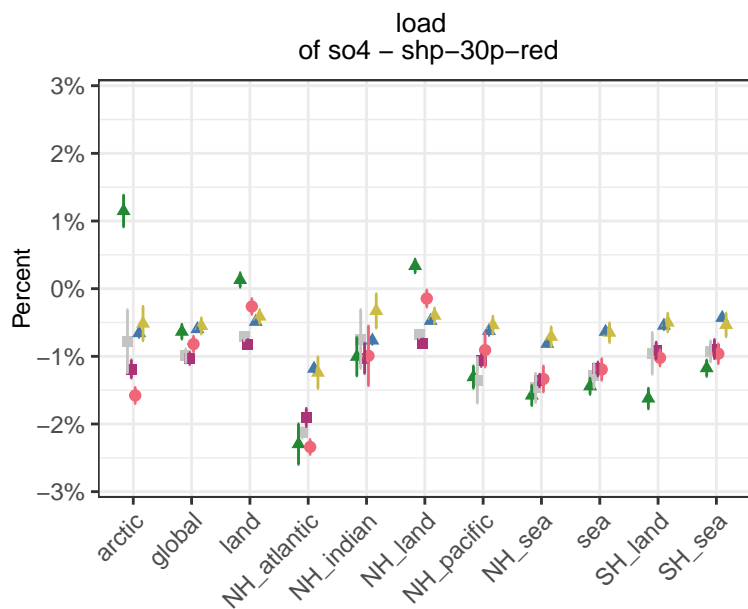
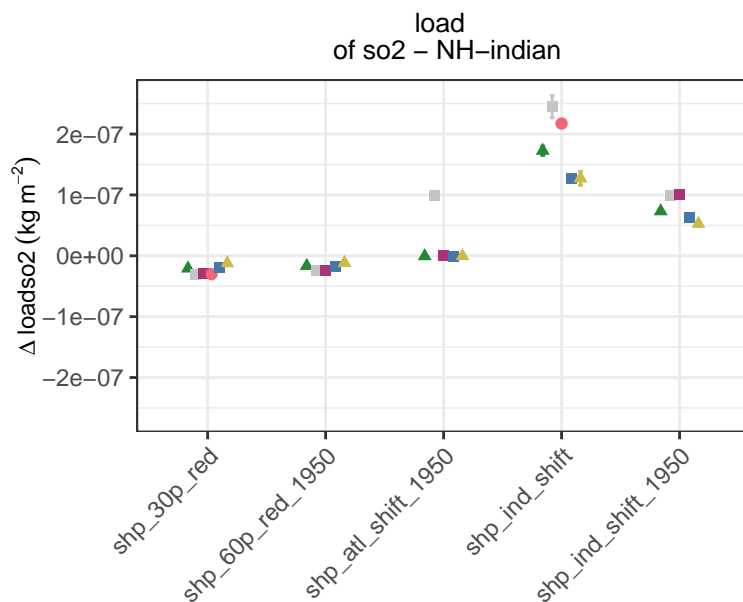
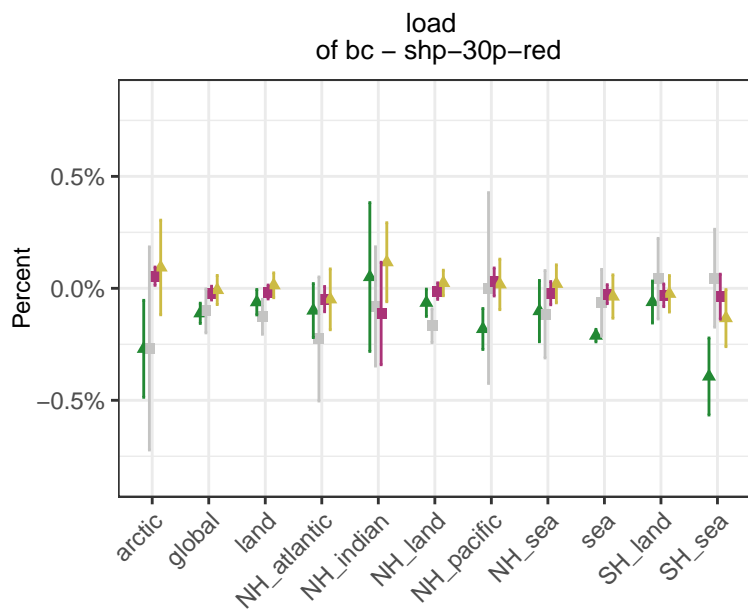
▲ CAM-ATRAS    ■ CESM1    ■ E3SM    ● GFDL-ESM4    ▲ GISS-E2.1

## Summary – percent difference



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

# Summary – percent difference



▲ CAM-ATRAS    ■ CESM1    ■ E3SM    ▲ NorESM2