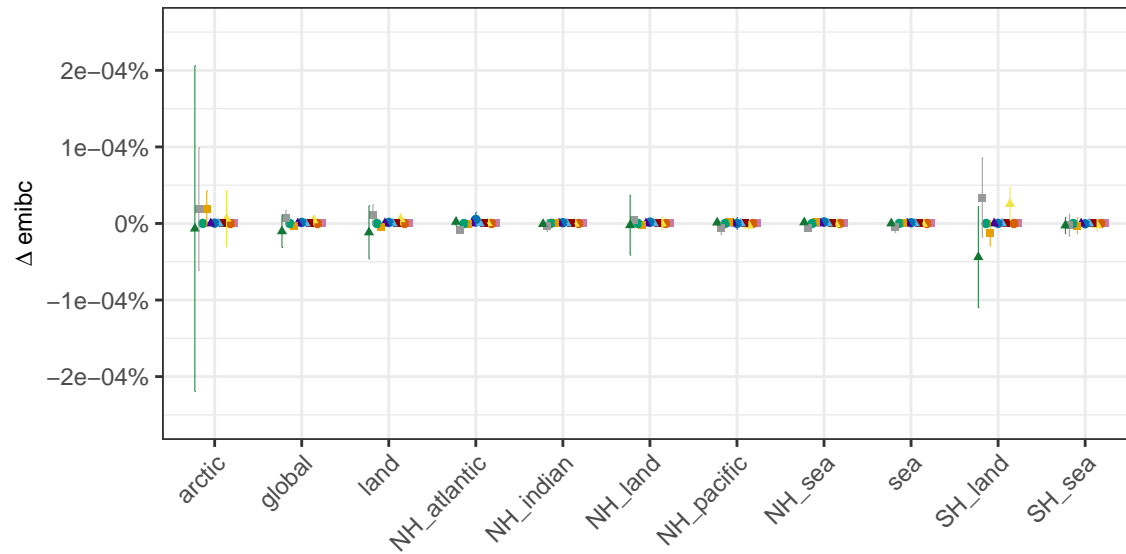
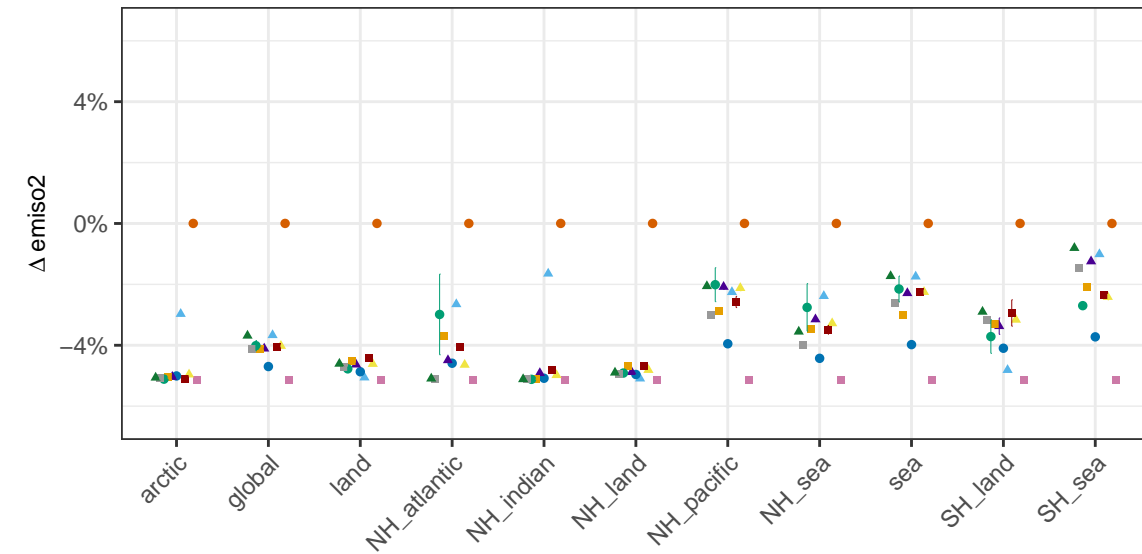


Summary – percent difference

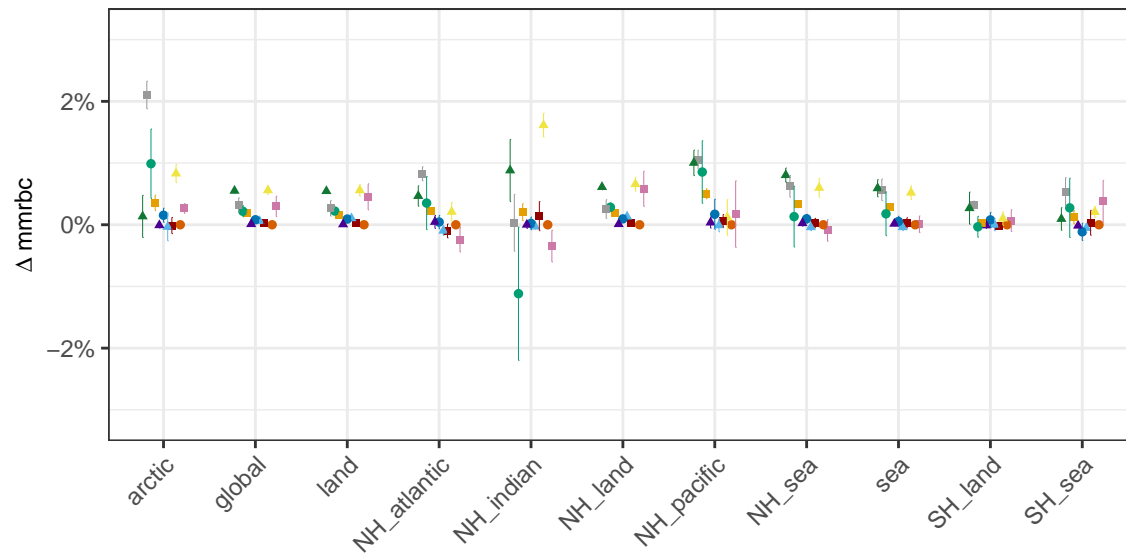
surface flux of BC – high-so4



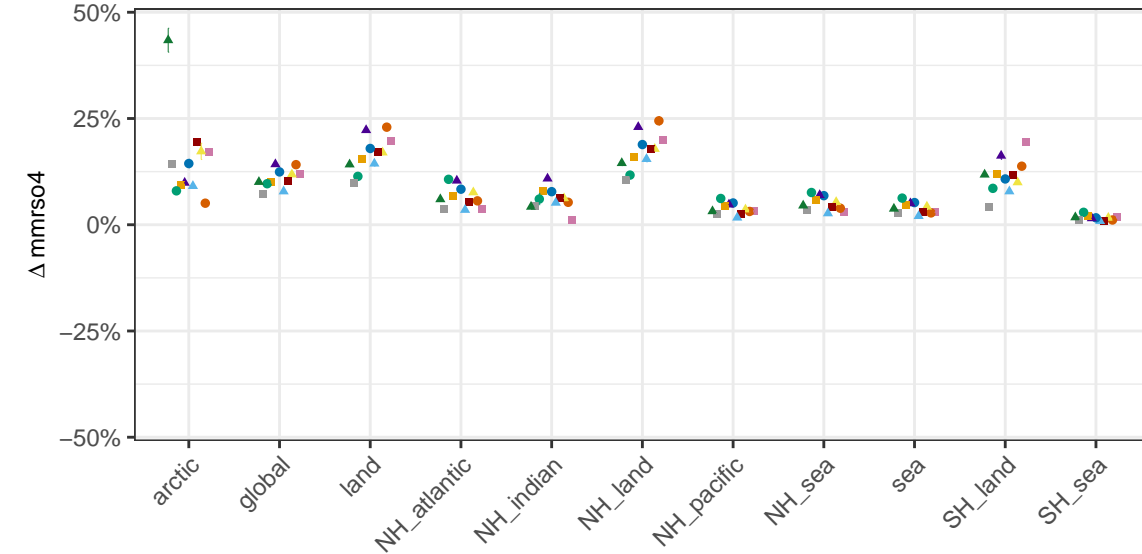
surface flux of SO2 – high-so4



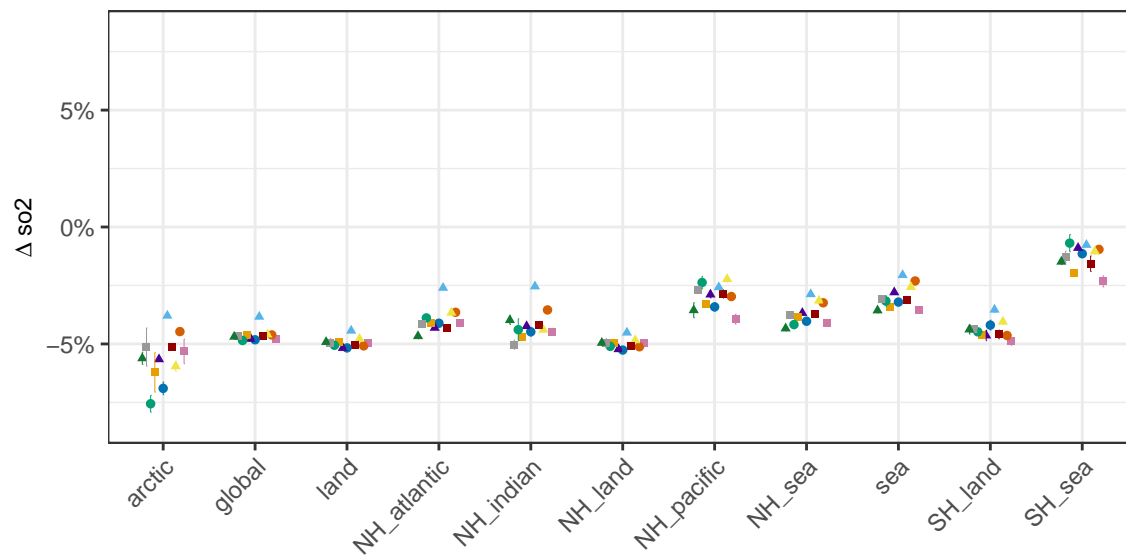
surface concentration of BC – high-so4



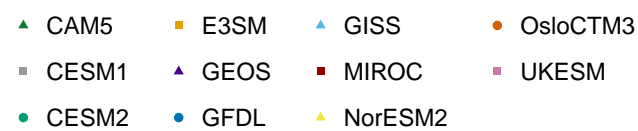
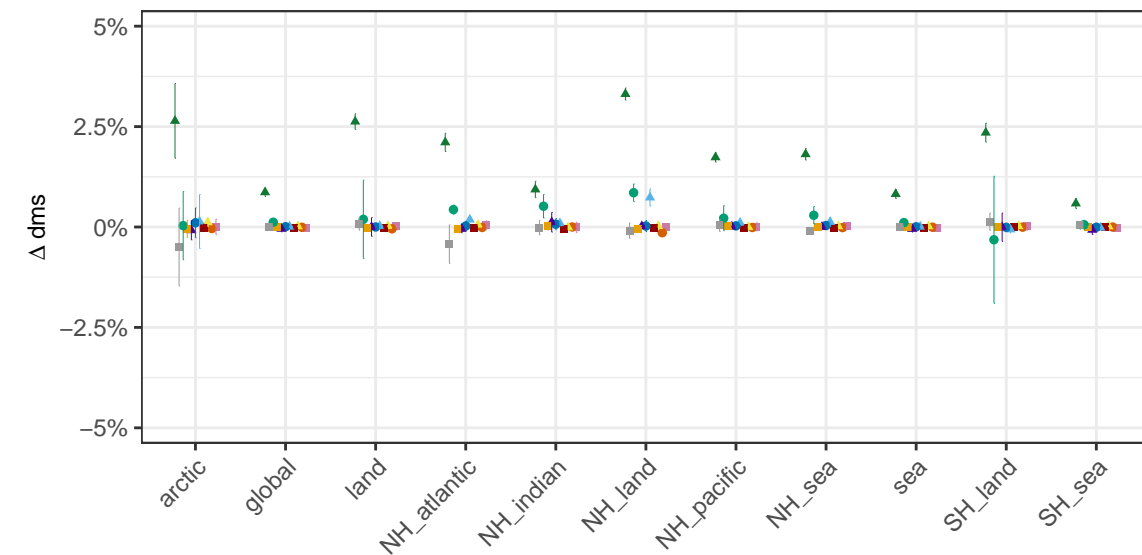
surface concentration of SO4 – high-so4



surface concentration of SO2 – high-so4

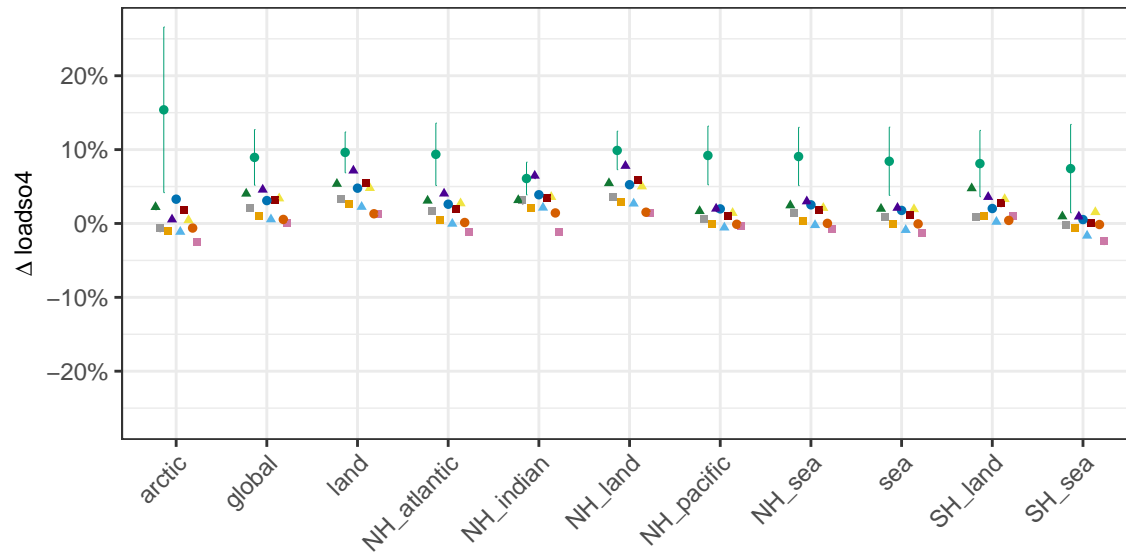


surface concentration of DMS – high-so4

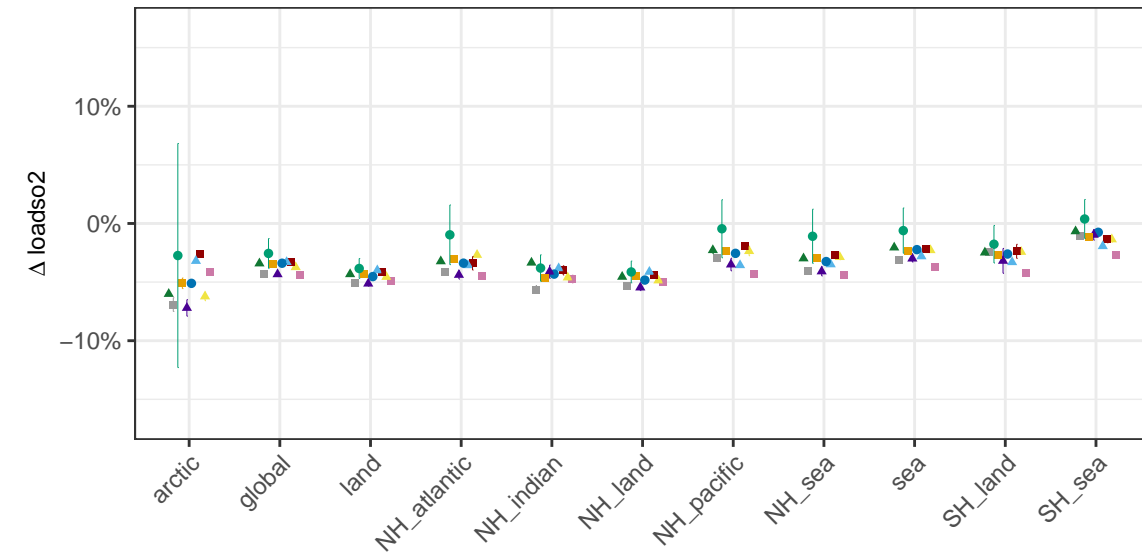


Summary – percent difference

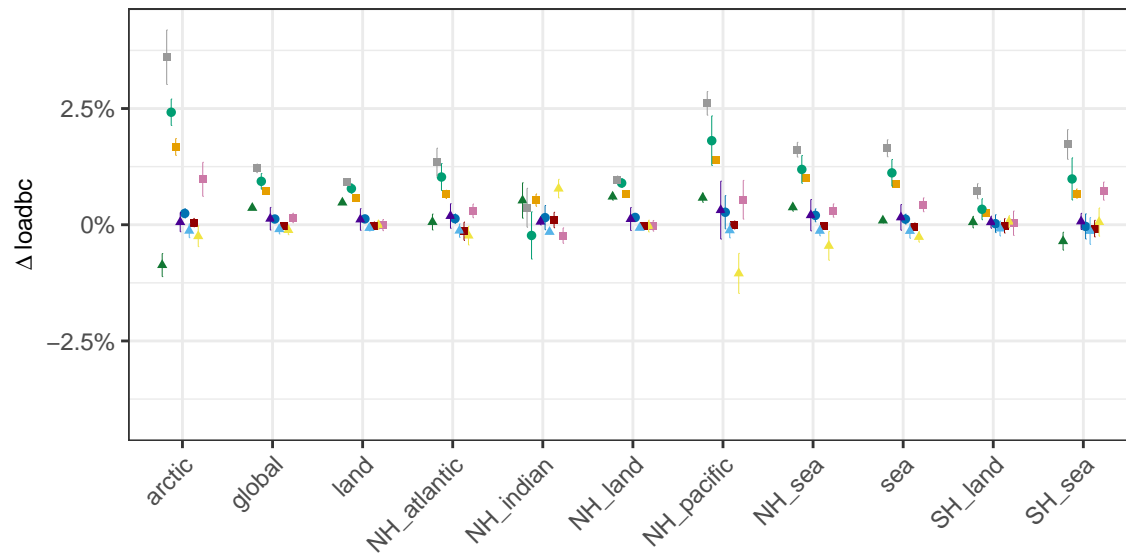
column mass burden of SO4 – high-so4



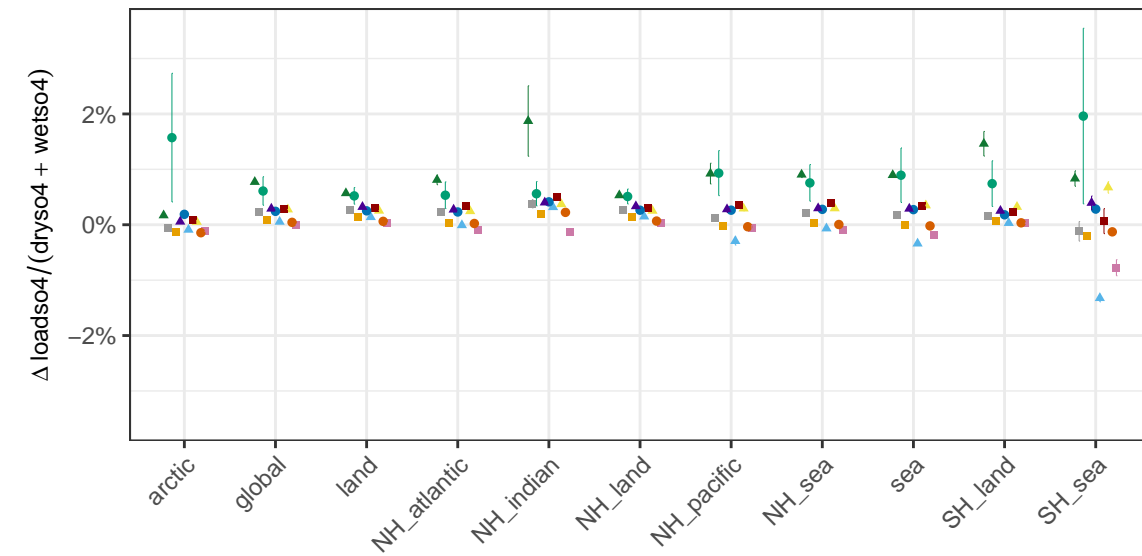
column mass burden of SO2 – high-so4



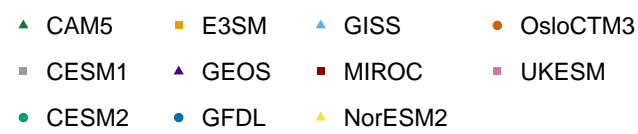
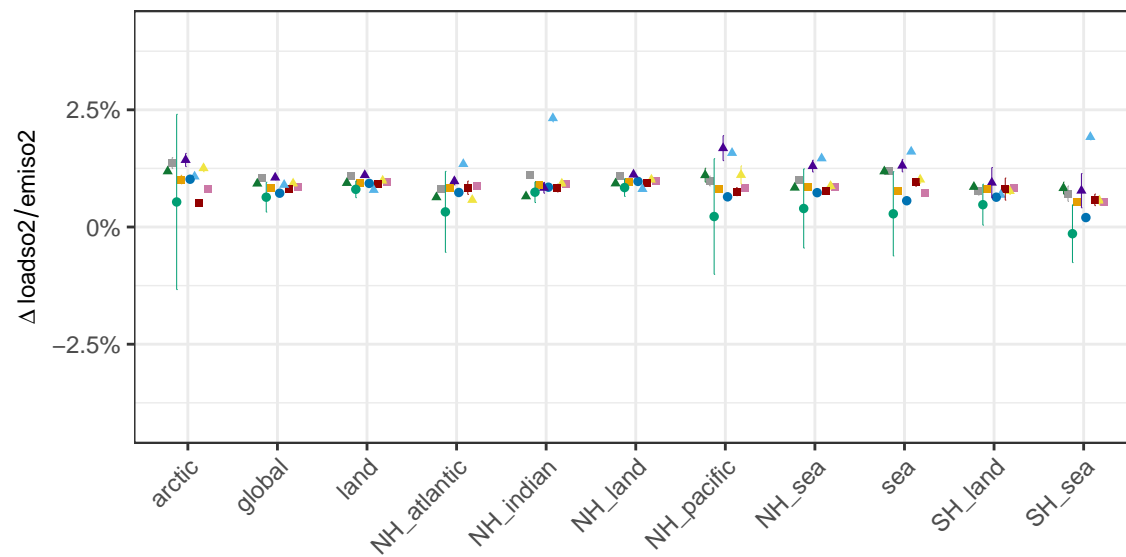
column mass burden of BC – high-so4



SO4 lifetime – high-so4

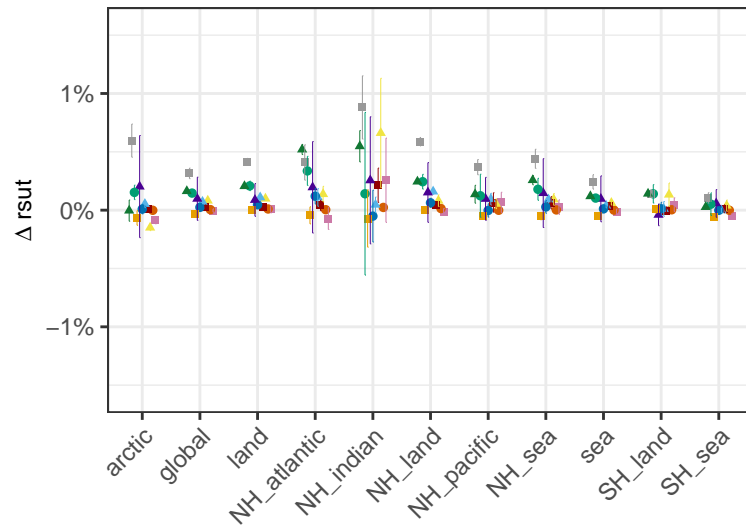


SO2 timescale – high-so4

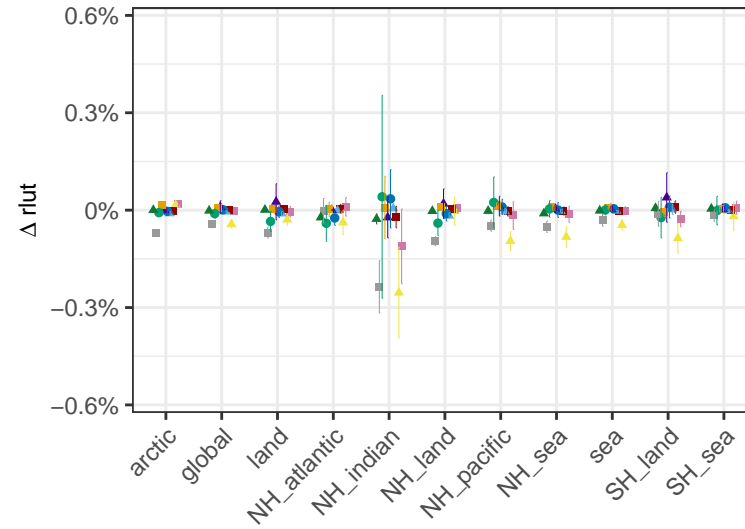


Summary – percent difference

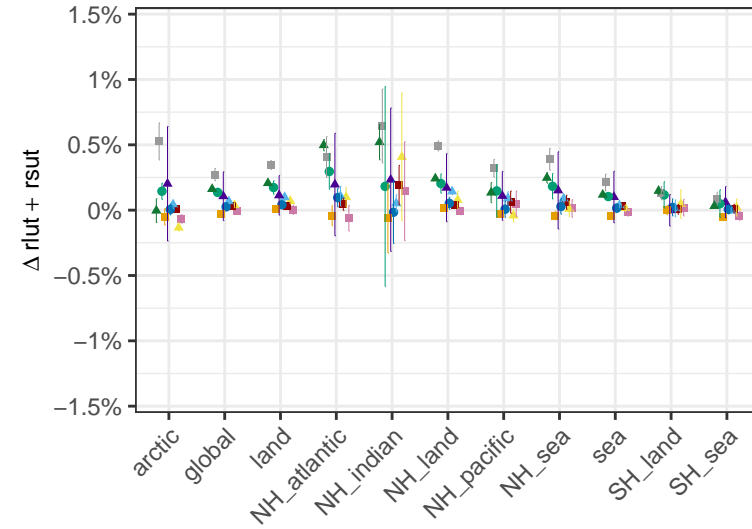
upwelling shortwave flux
at TOA – high-so4



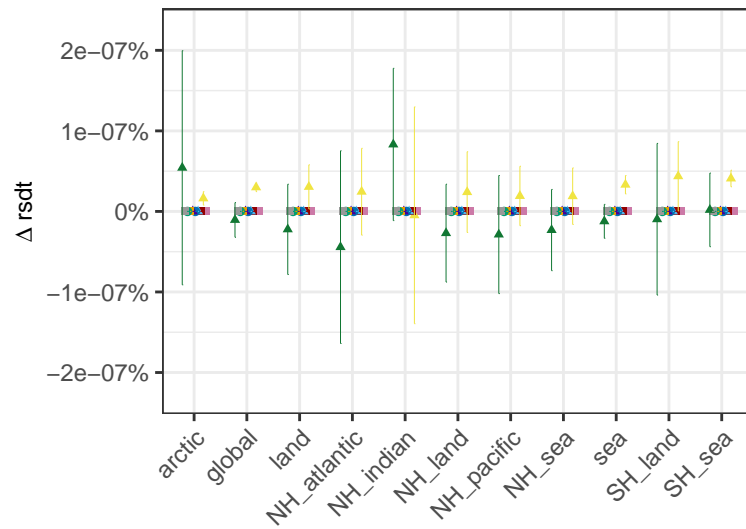
upwelling longwave flux
at TOA – high-so4



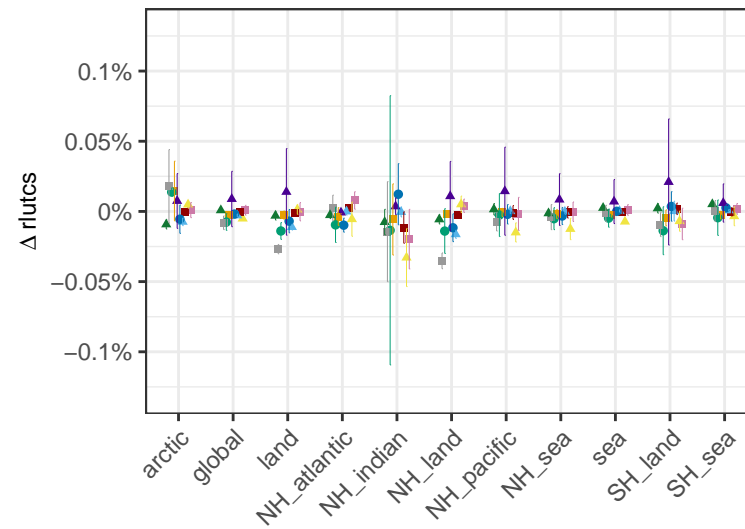
net radiative flux
at TOA – high-so4



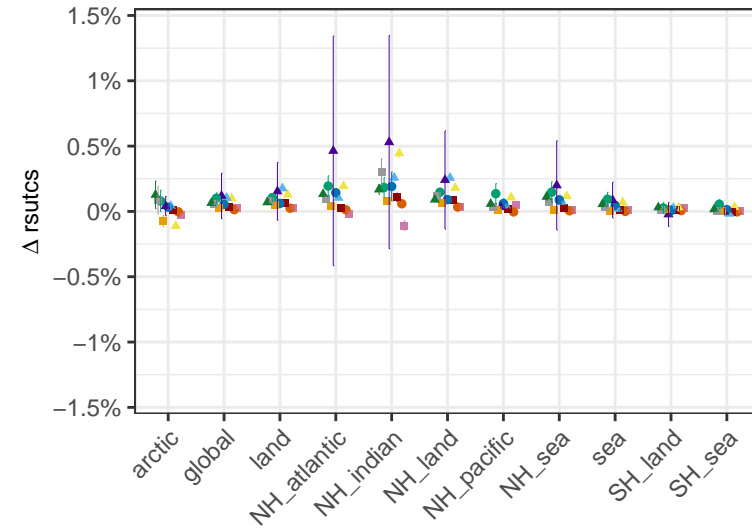
incident shortwave flux
at TOA – high-so4



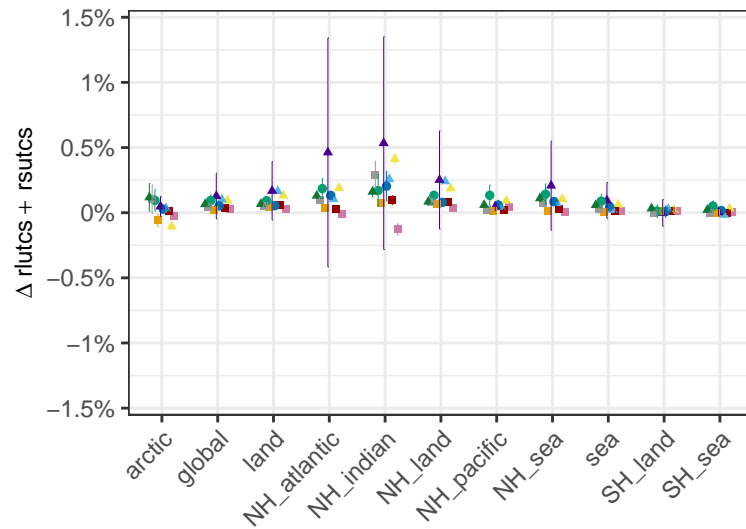
upwelling clear-sky longwave
flux at TOA – high-so4



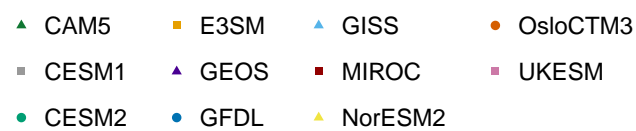
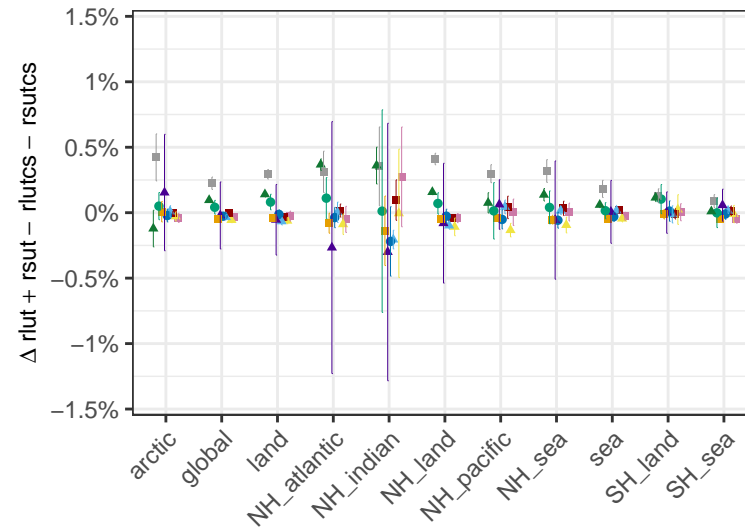
upwelling clear-sky shortwave
flux at TOA – high-so4



clear-sky net radiative flux
at TOA – high-so4

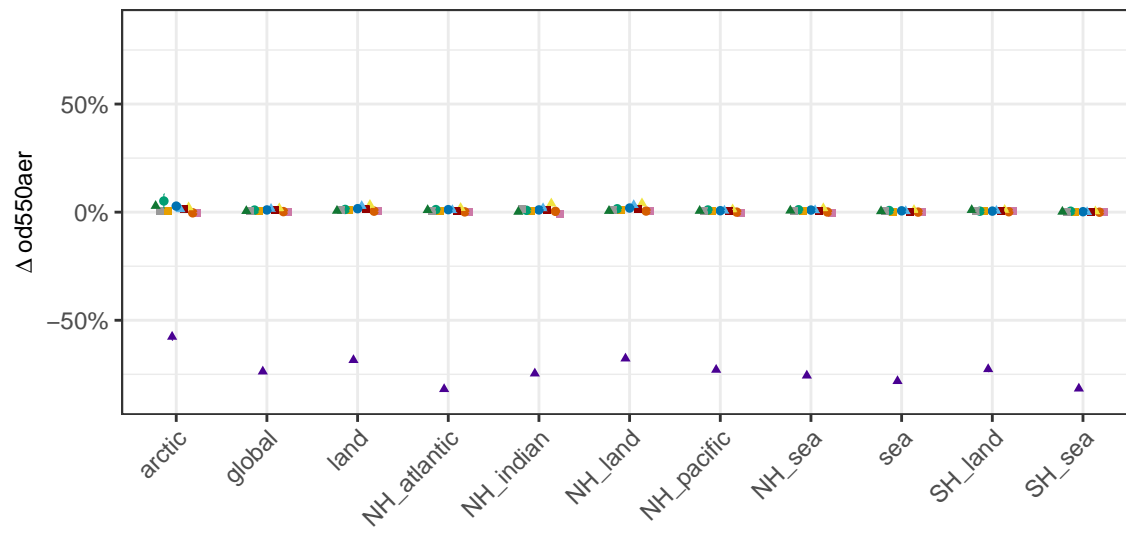


implied cloud response at
TOA – high-so4

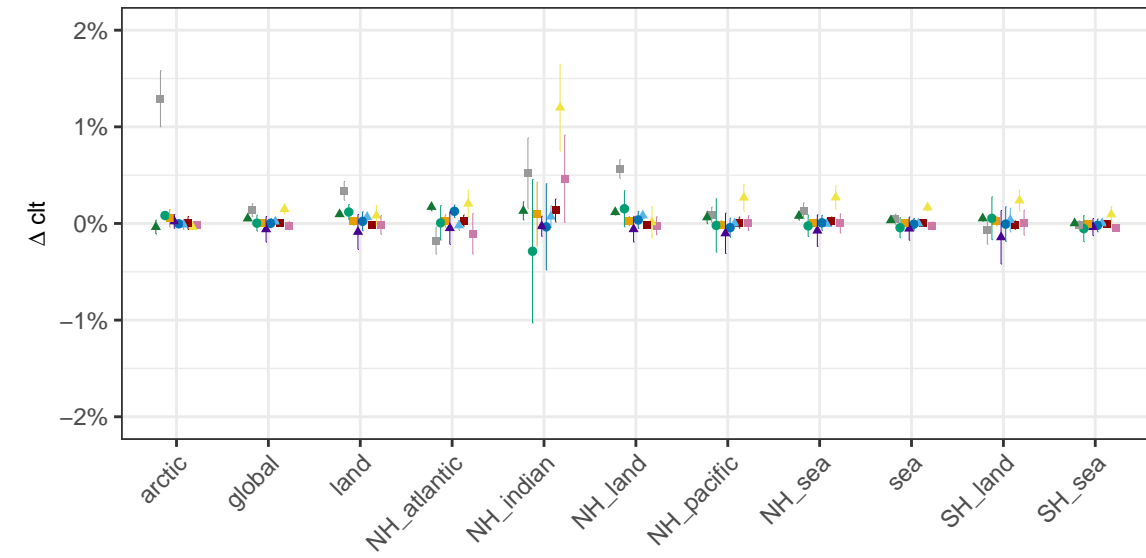


Summary – percent difference

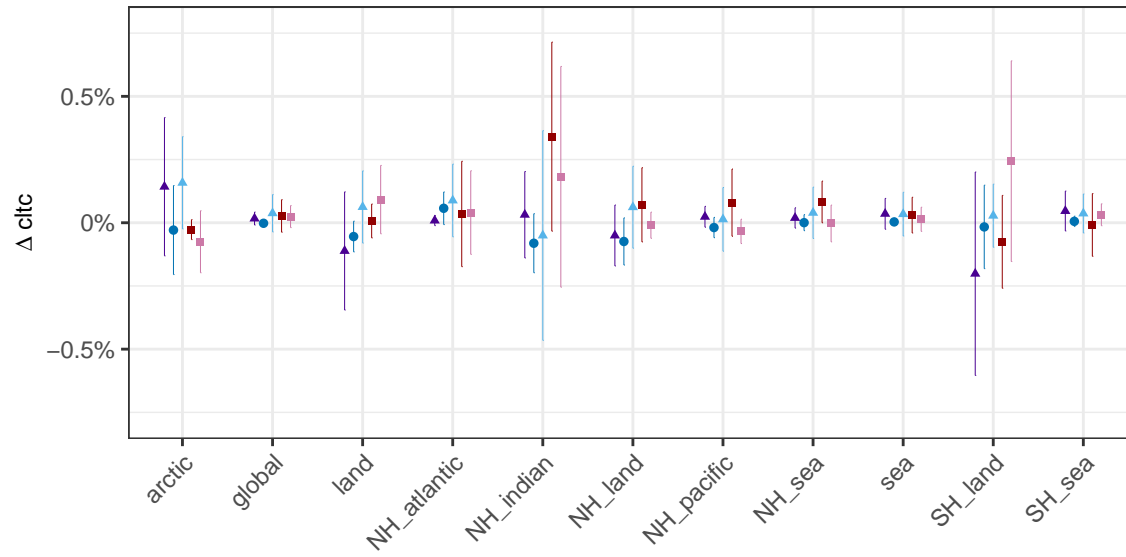
ambient aerosol optical
thickness at 550nm – high-so4



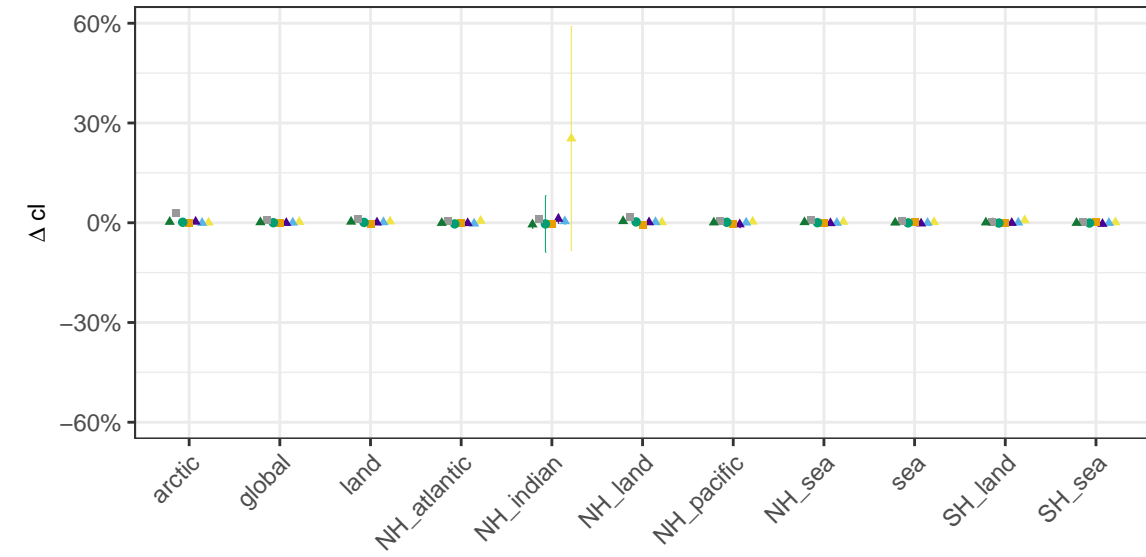
total cloud cover – high-so4



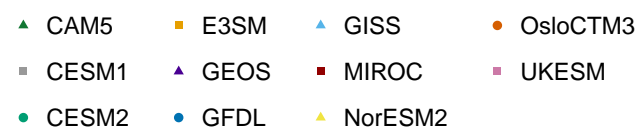
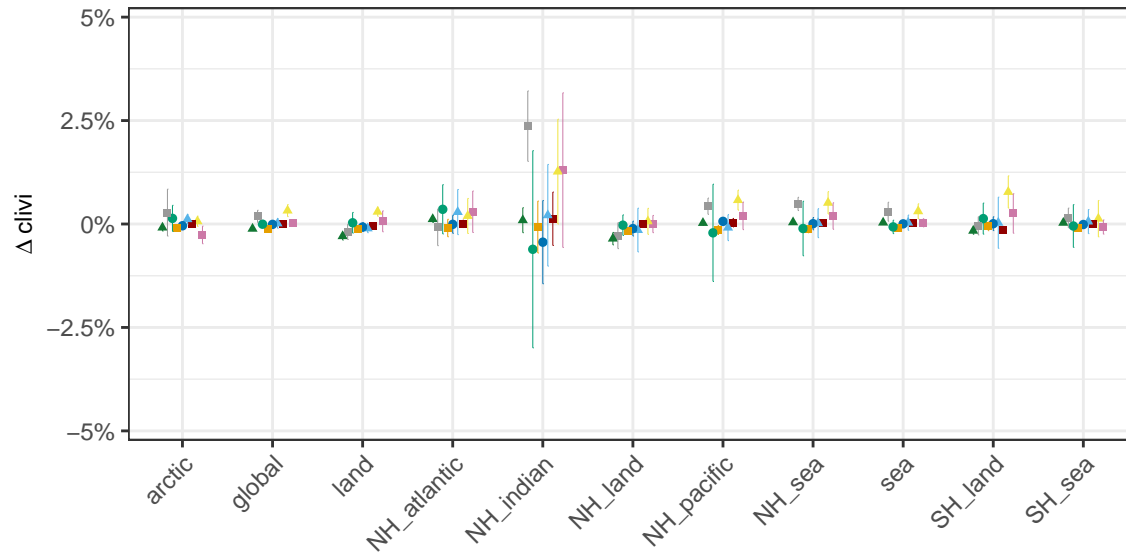
convective cloud cover – high-so4



surface cloud cover – high-so4

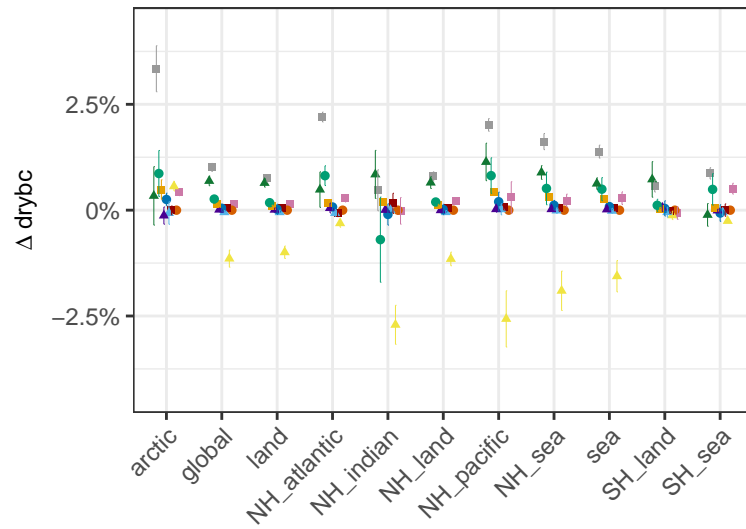


ice water path – high-so4

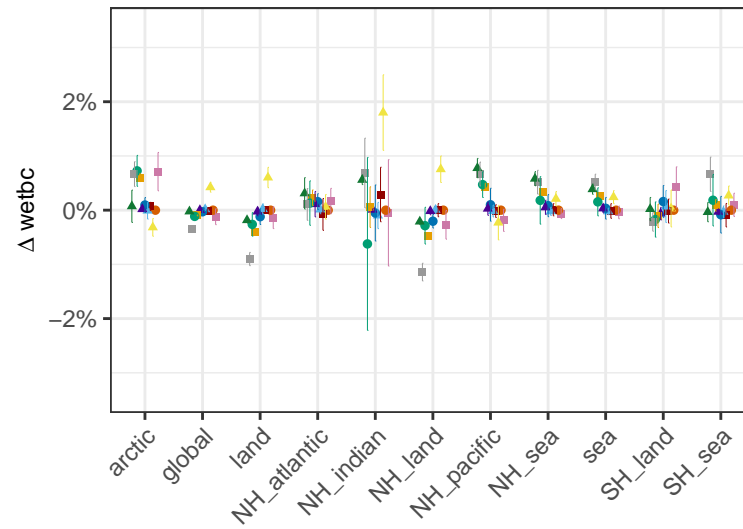


Summary – percent difference

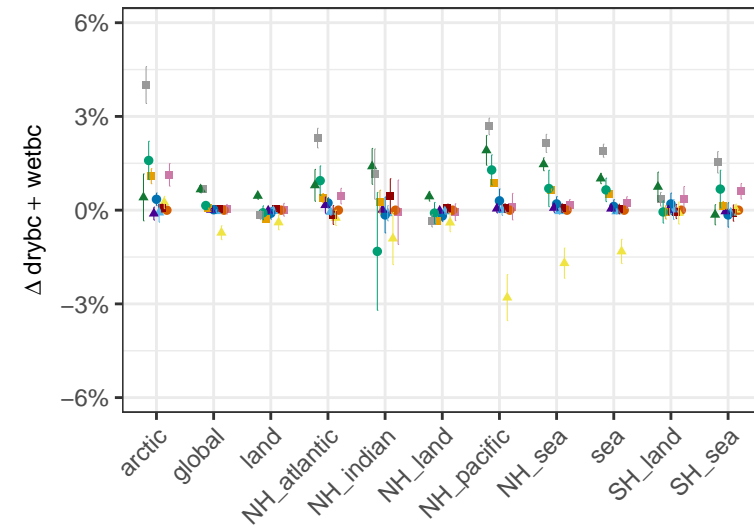
dry deposition rate
of BC – high-so4



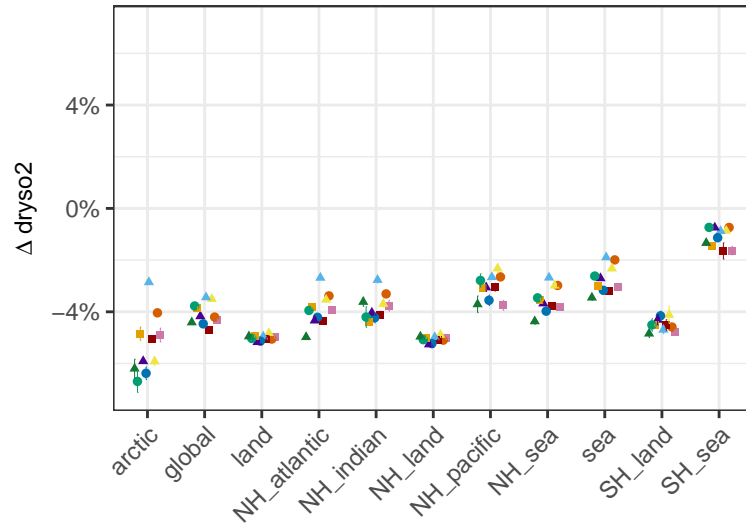
wet deposition rate
of BC – high-so4



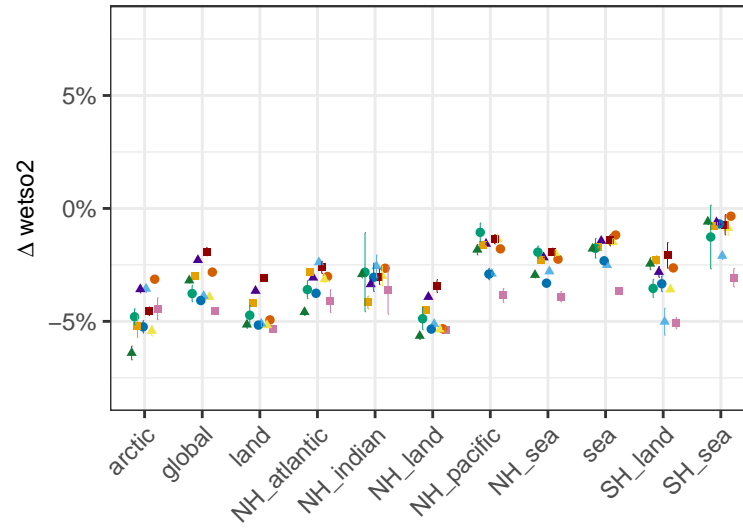
total deposition rate
of BC – high-so4



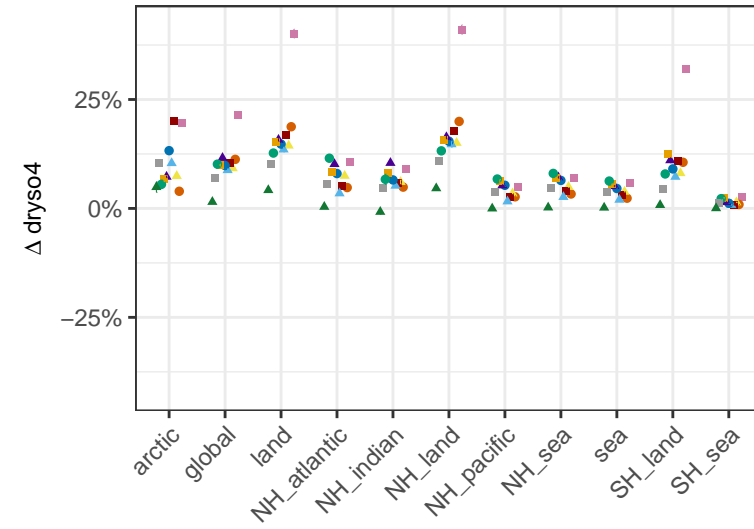
dry deposition rate
of so2 – high-so4



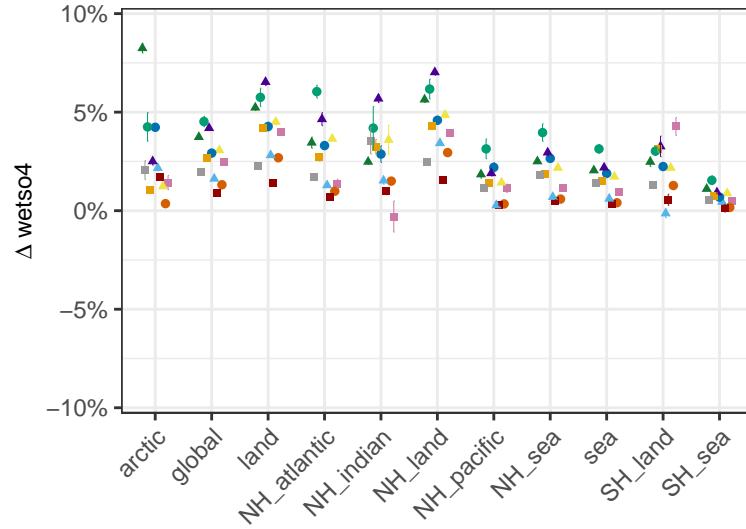
wet deposition rate
of so2 – high-so4



dry deposition rate
of so4 – high-so4



wet deposition rate
of so4 – high-so4



total deposition rate
of S – high-so4

