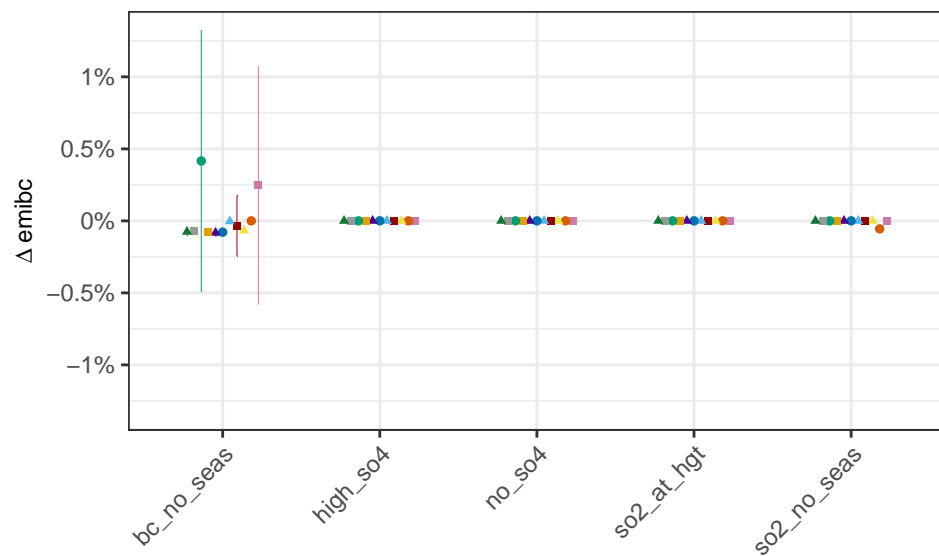
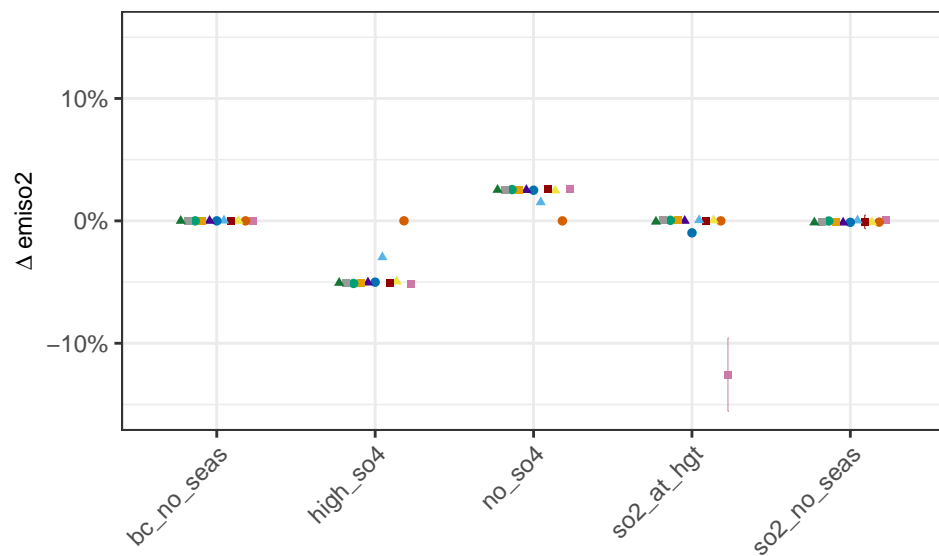


Summary – percent difference

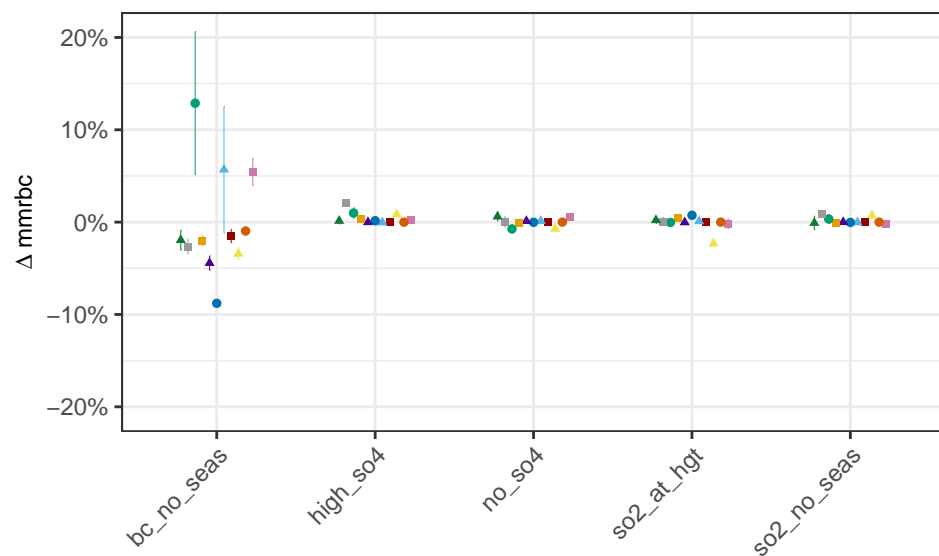
surface flux of BC – arctic



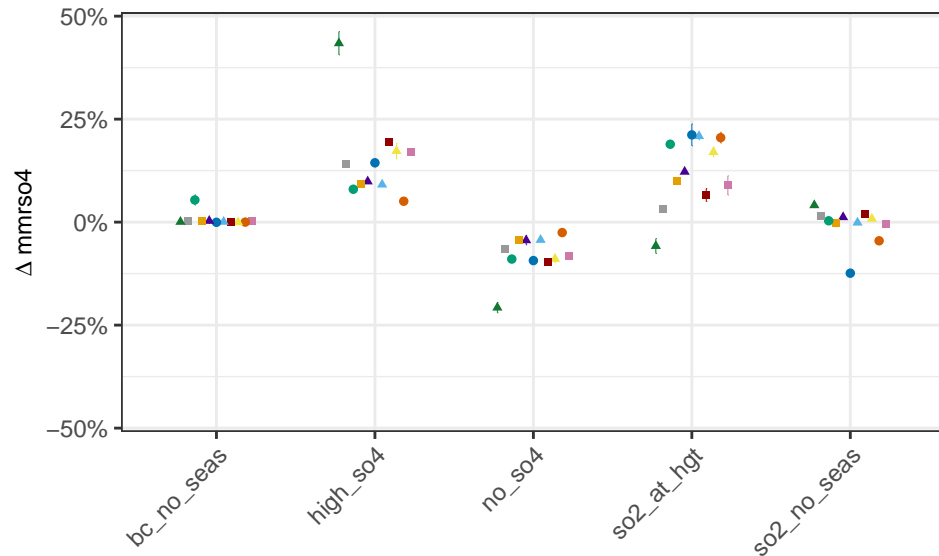
surface flux of SO2 – arctic



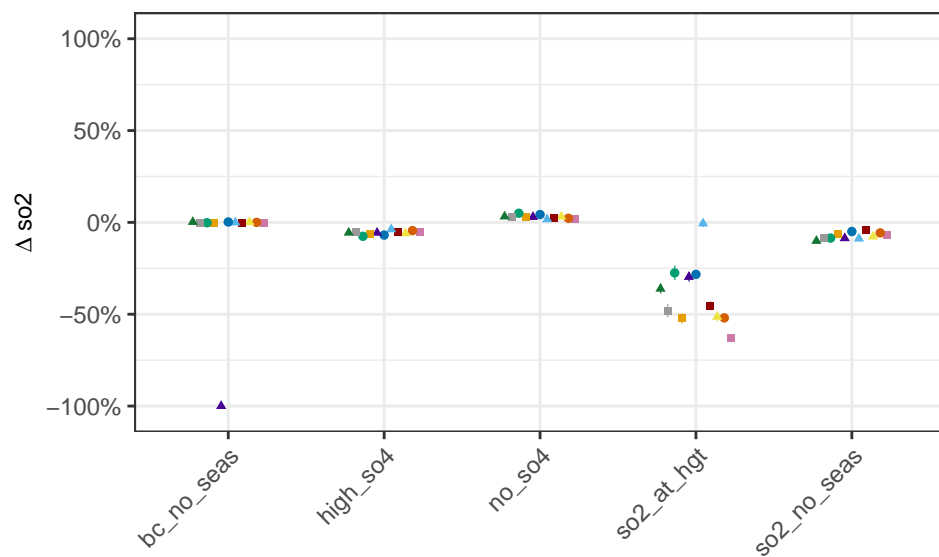
surface concentration of BC – arctic



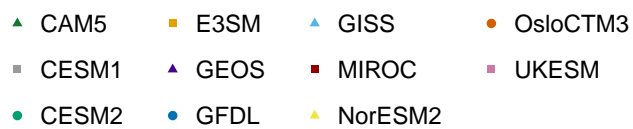
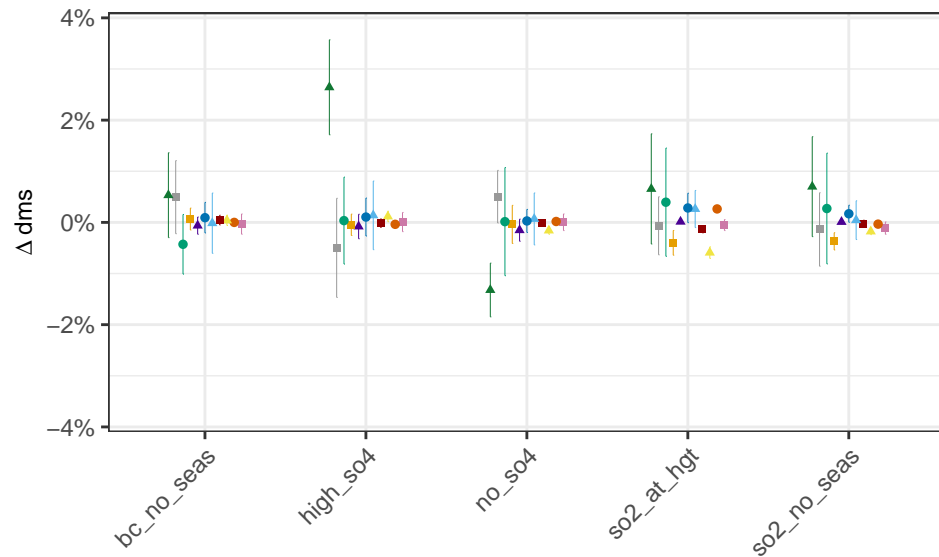
surface concentration of SO4 – arctic



surface concentration of SO2 – arctic

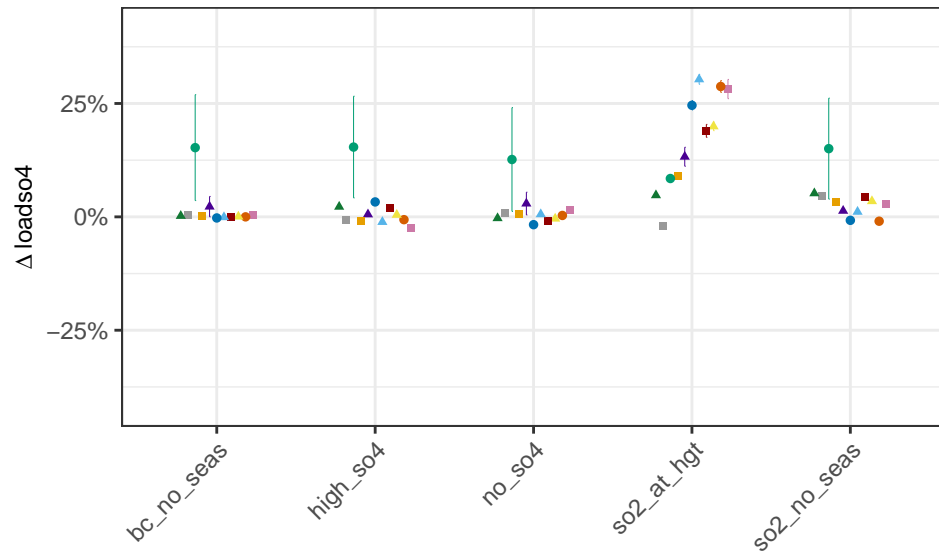


surface concentration of DMS – arctic

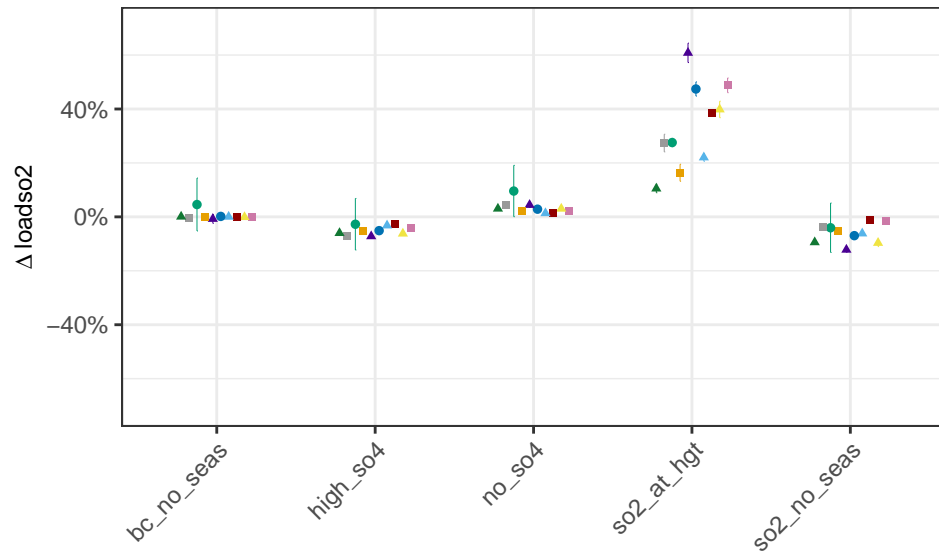


Summary – percent difference

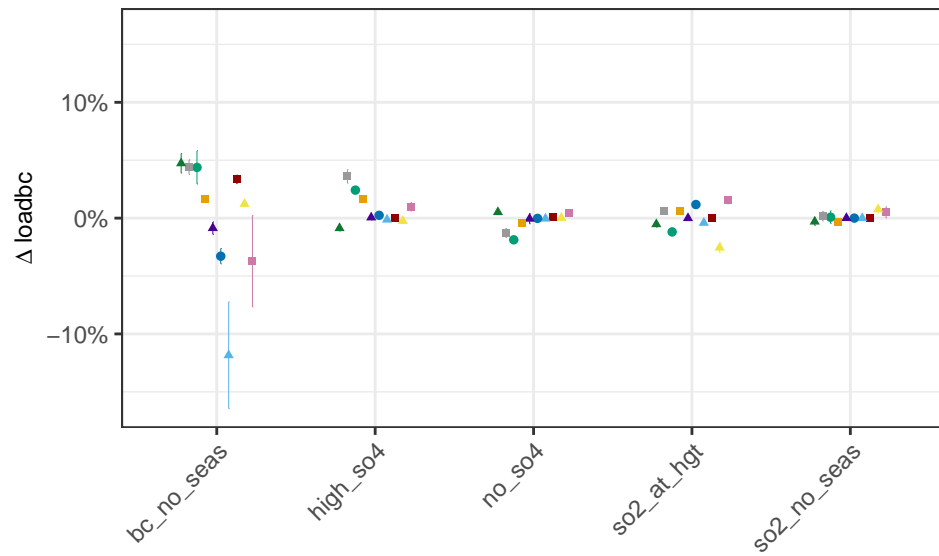
column mass burden of SO4 – arctic



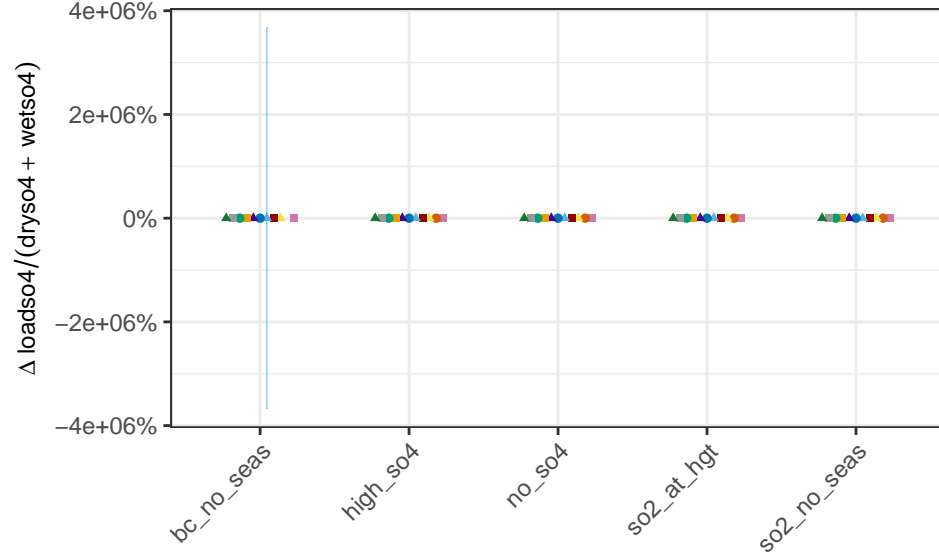
column mass burden of SO2 – arctic



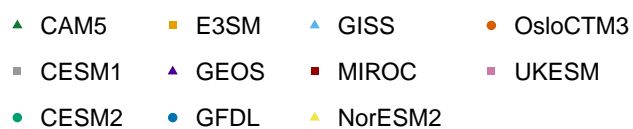
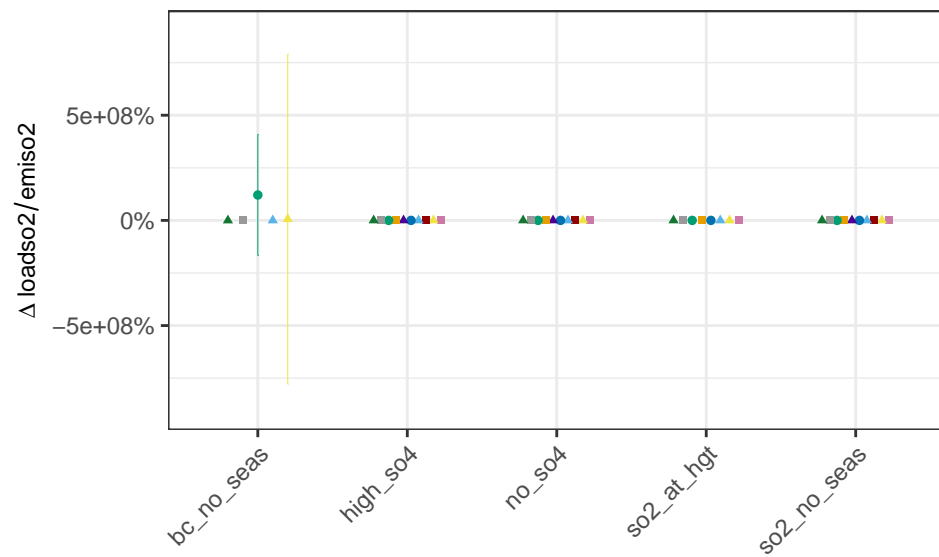
column mass burden of BC – arctic



SO4 lifetime – arctic

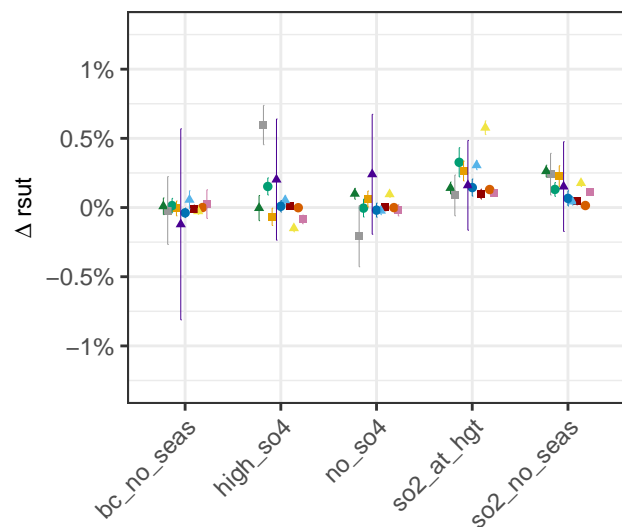


SO2 timescale – arctic

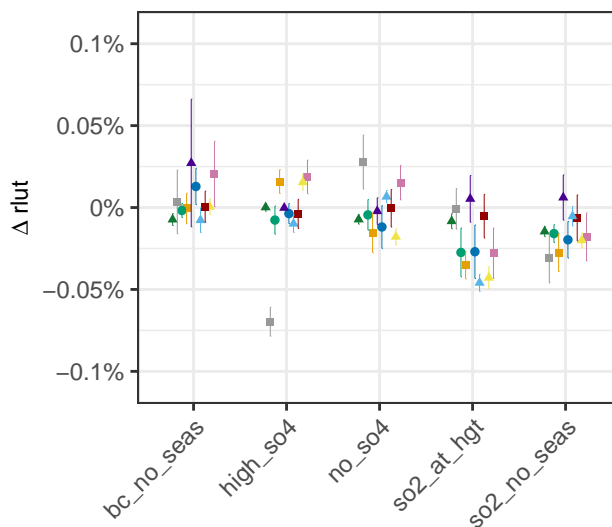


Summary – percent difference

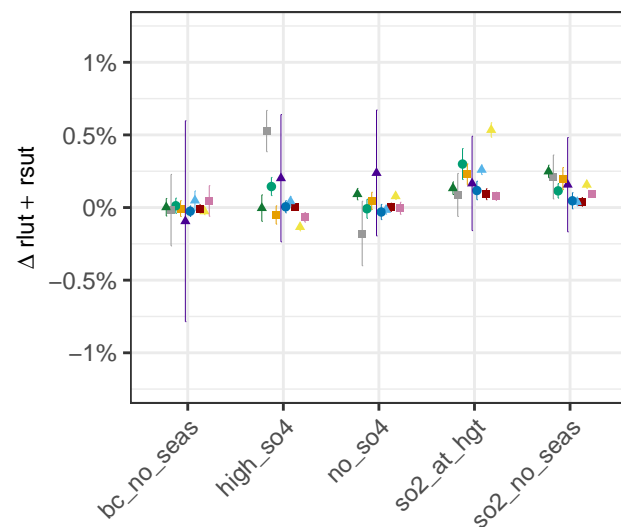
upwelling shortwave flux
at TOA – arctic



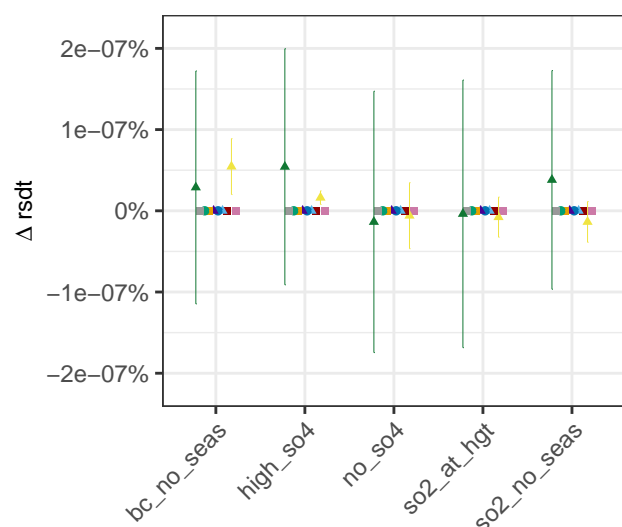
upwelling longwave flux
at TOA – arctic



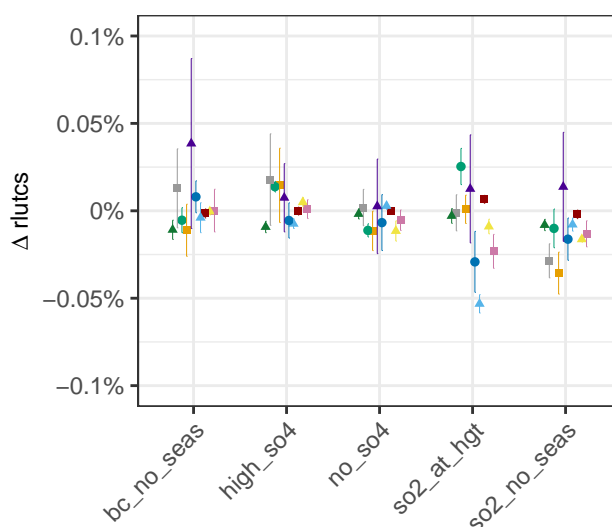
net radiative flux
at TOA – arctic



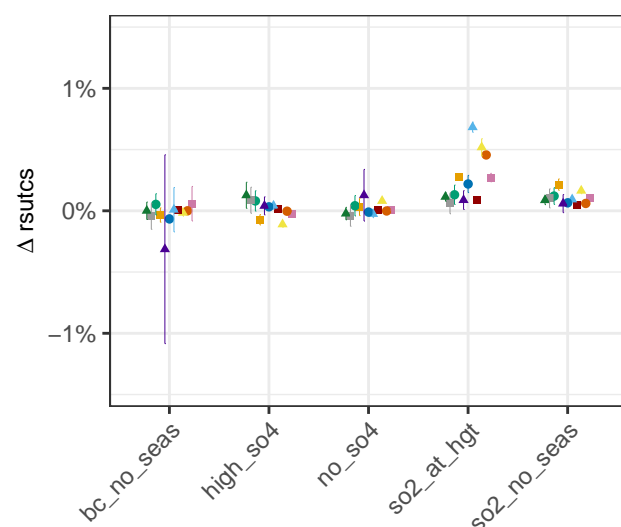
incident shortwave flux
at TOA – arctic



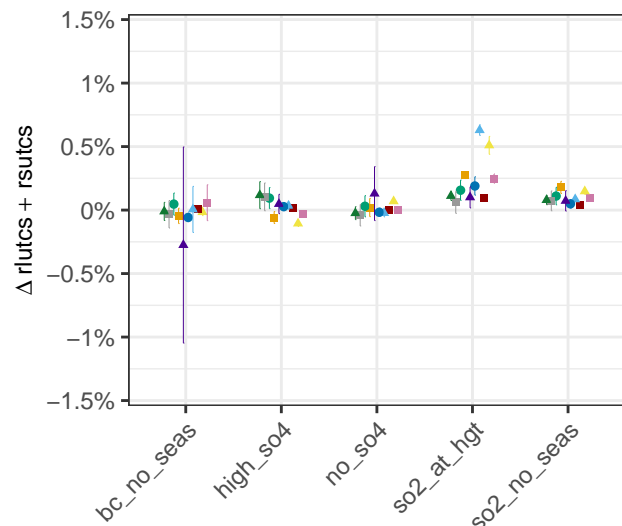
upwelling clear-sky longwave
flux at TOA – arctic



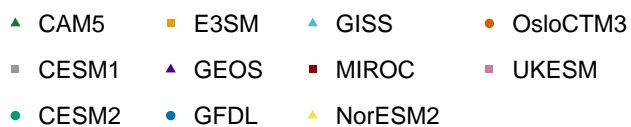
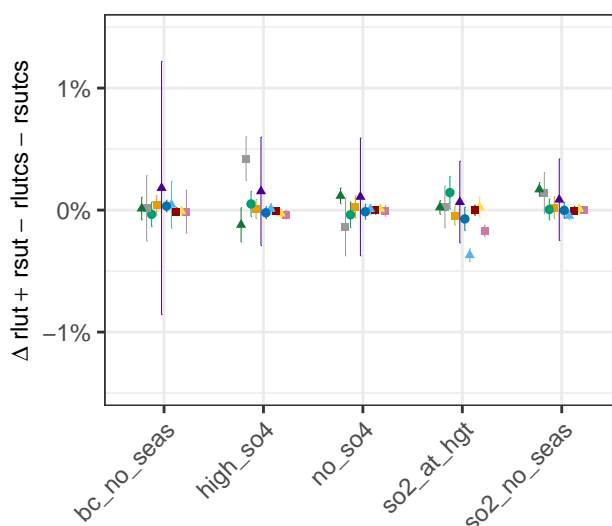
upwelling clear-sky shortwave
flux at TOA – arctic



clear-sky net radiative flux
at TOA – arctic

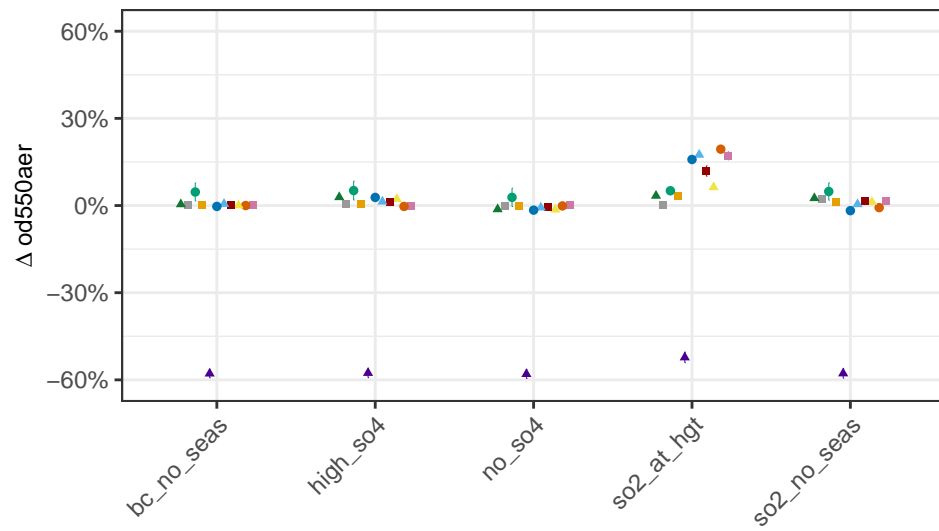


implied cloud response at
TOA – arctic

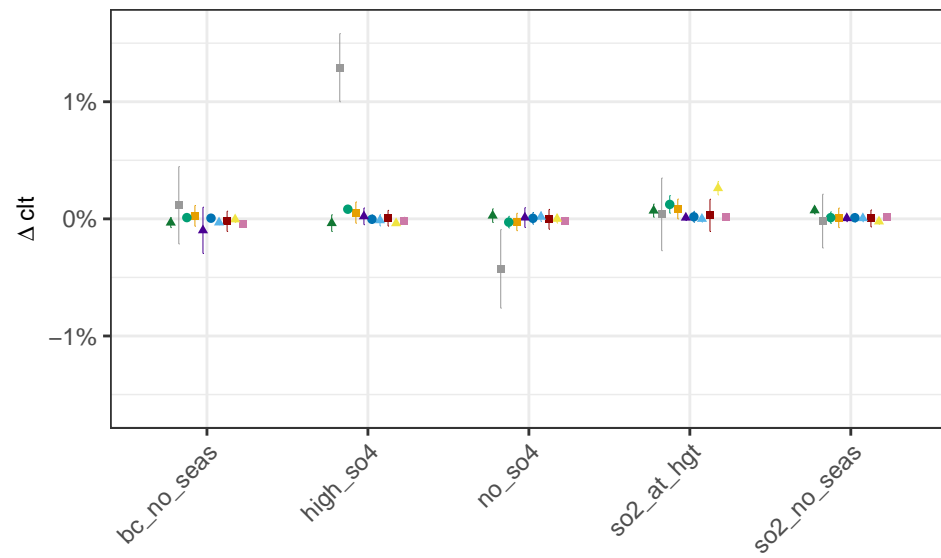


Summary – percent difference

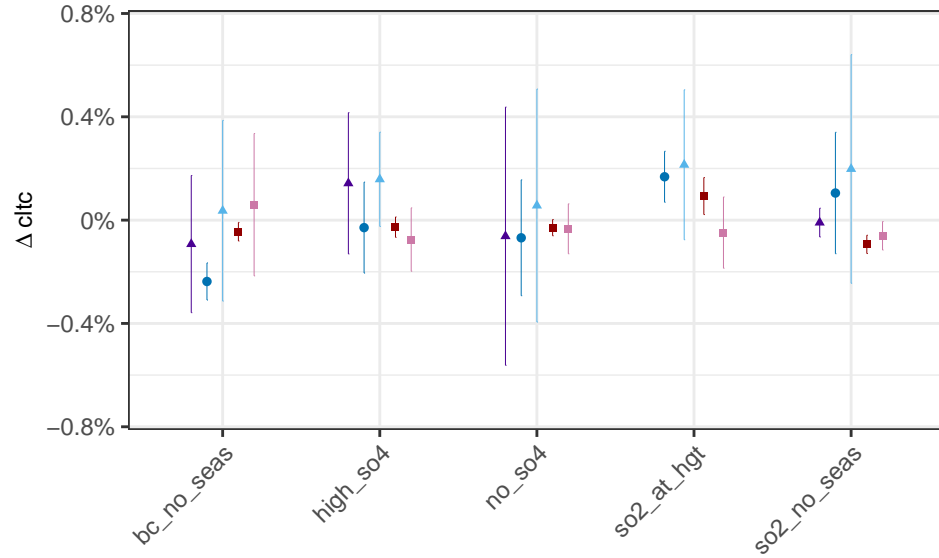
ambient aerosol optical
thickness at 550nm – arctic



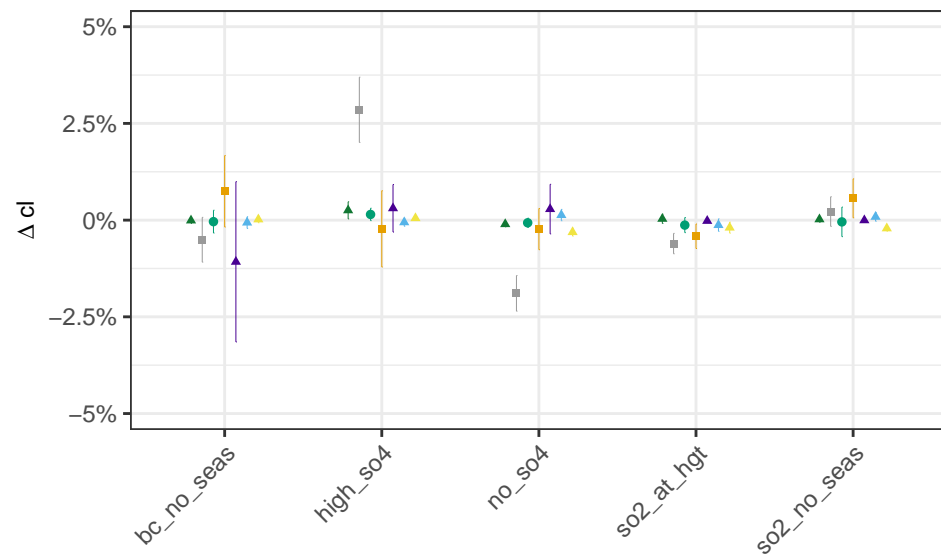
total cloud cover – arctic



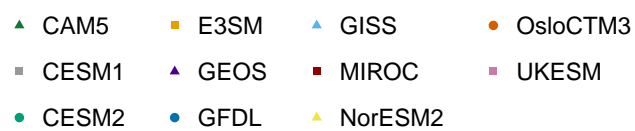
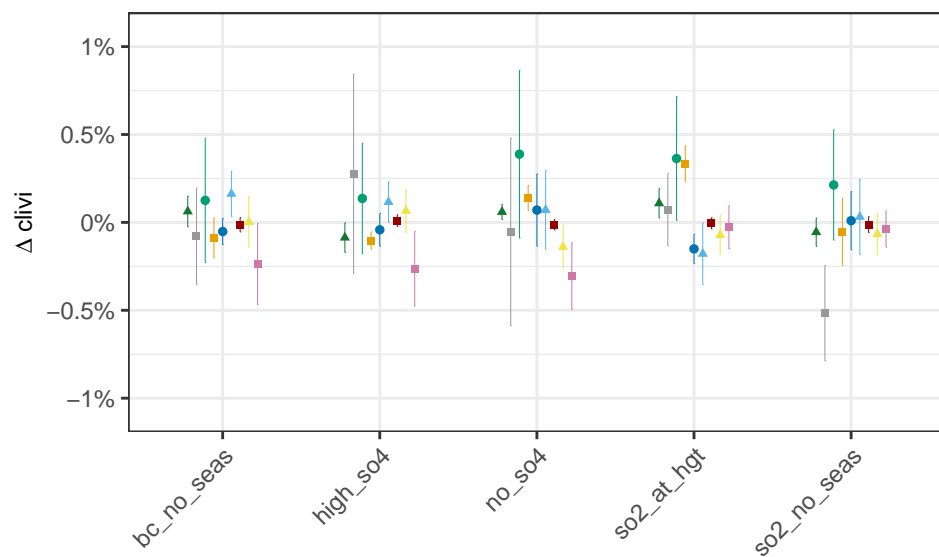
convective cloud cover – arctic



surface cloud cover – arctic



ice water path – arctic



Summary – percent difference

