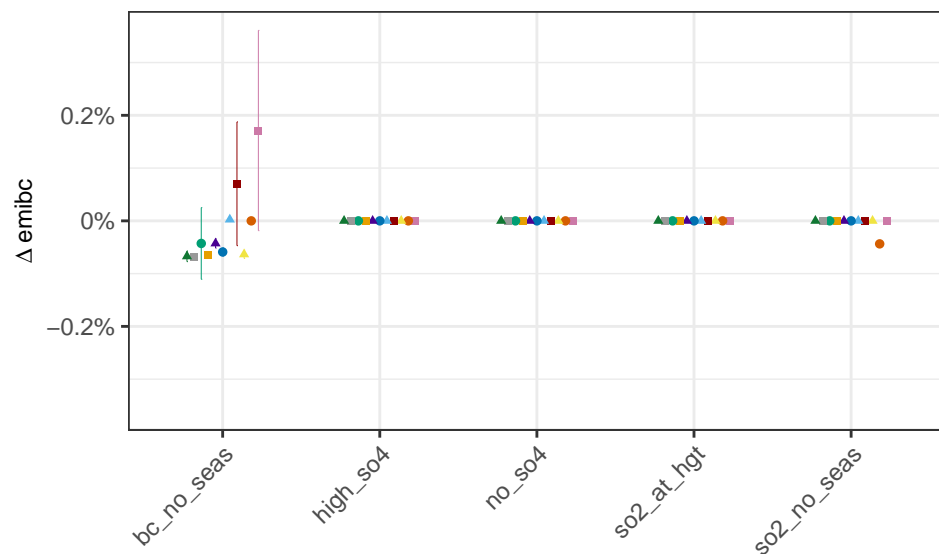
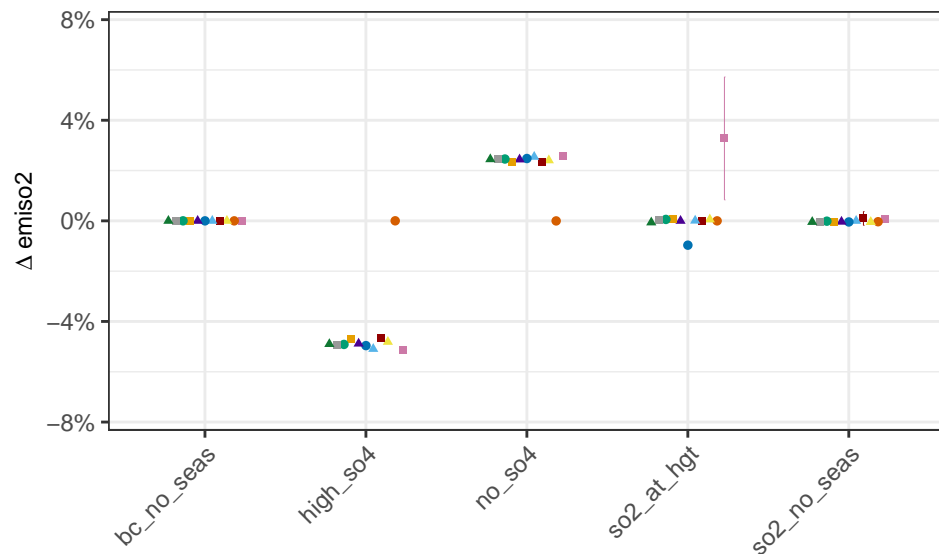


# Summary – percent difference

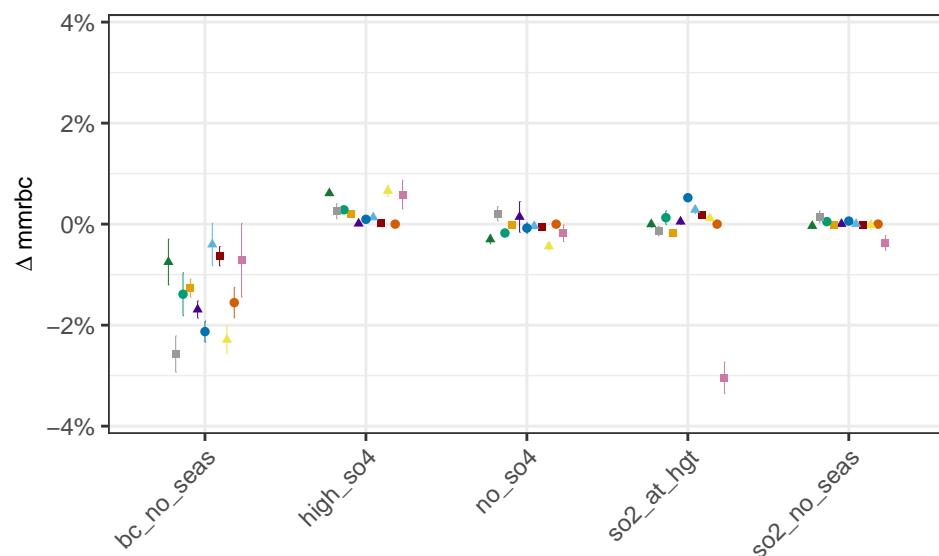
surface flux of BC – NH-land



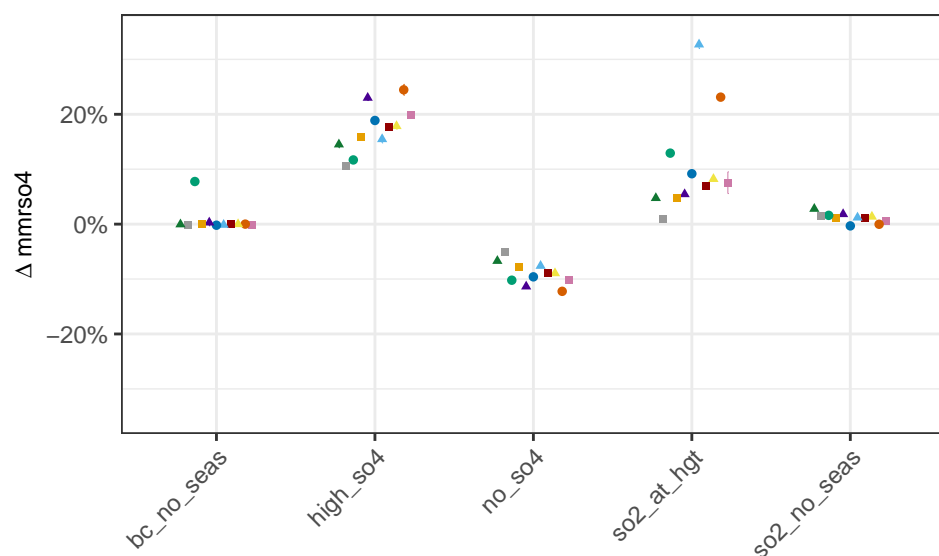
surface flux of SO2 – NH-land



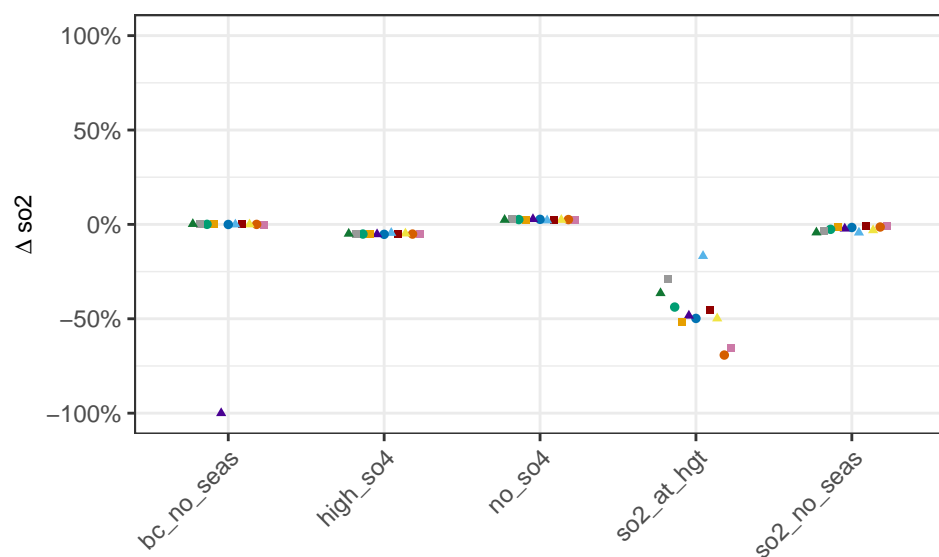
surface concentration of BC – NH-land



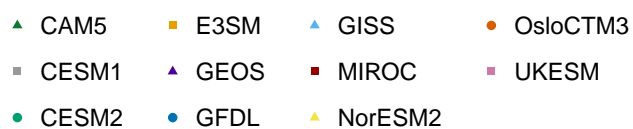
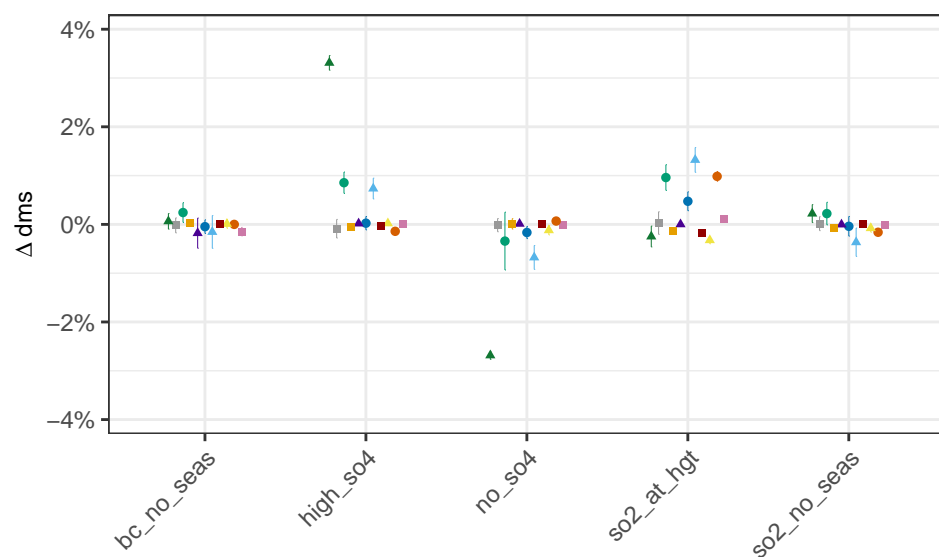
surface concentration of SO4 – NH-land



surface concentration of SO2 – NH-land

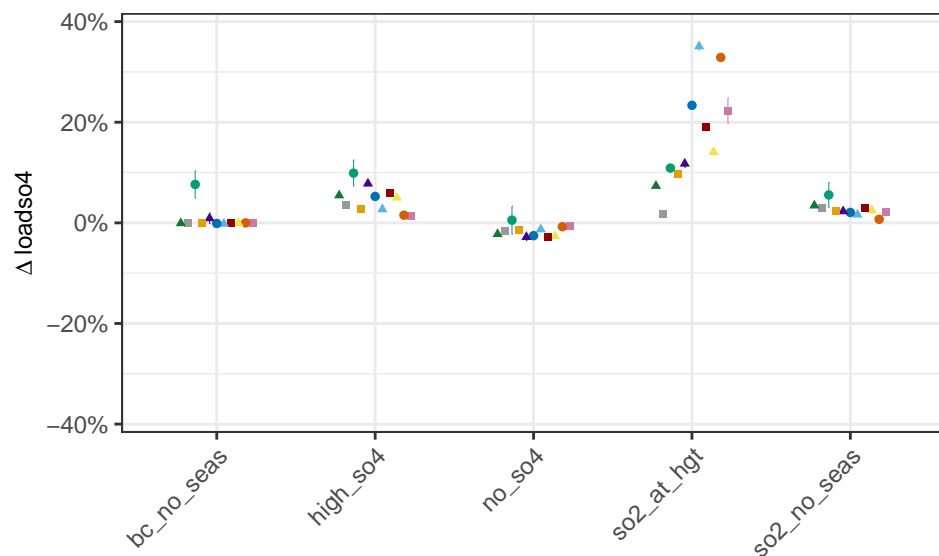


surface concentration of DMS – NH-land

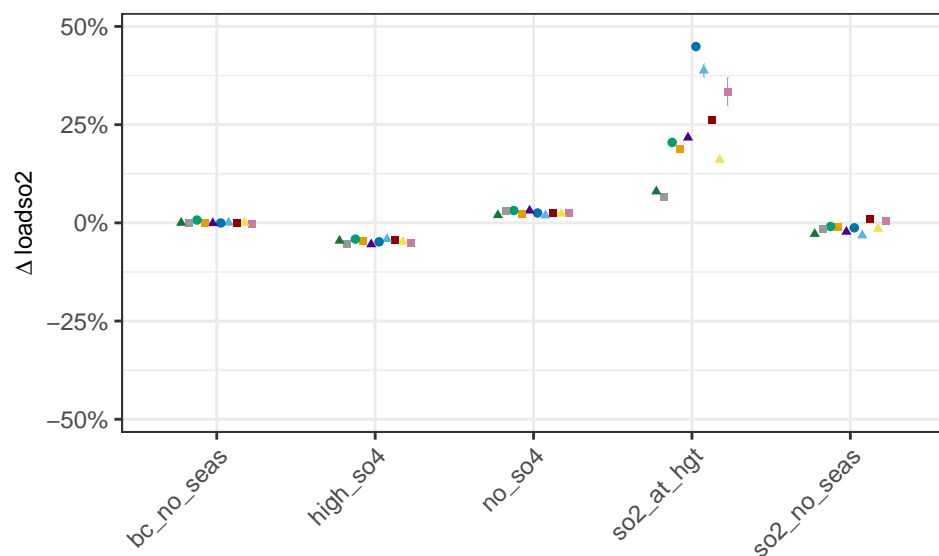


# Summary – percent difference

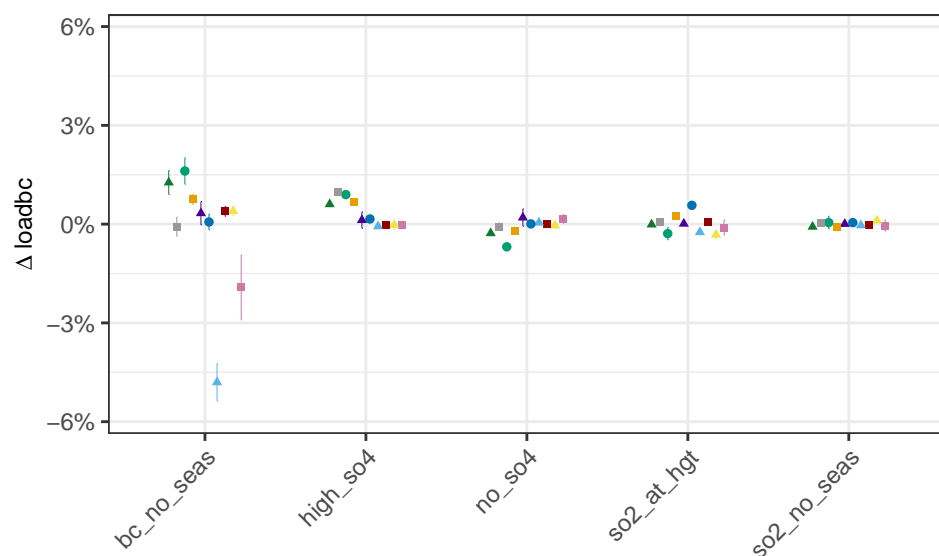
column mass burden of SO4 – NH-land



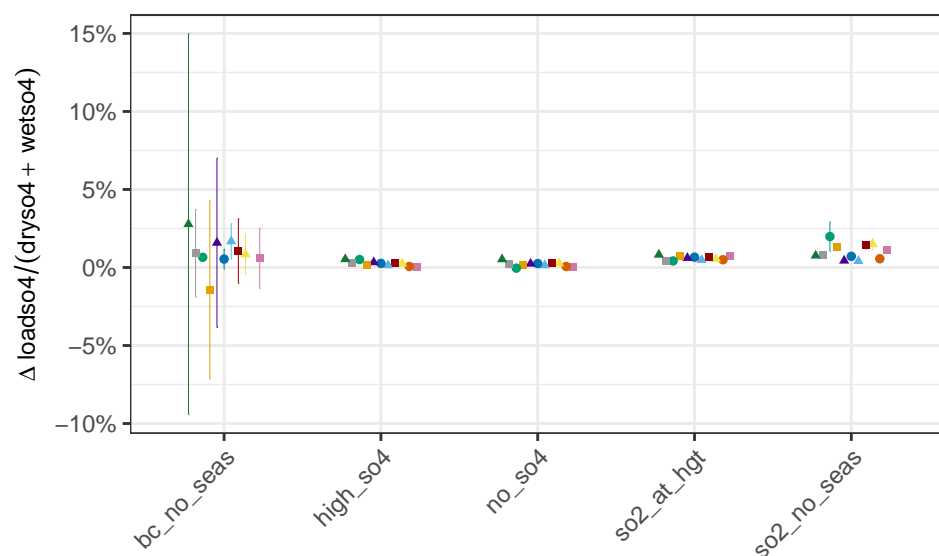
column mass burden of SO2 – NH-land



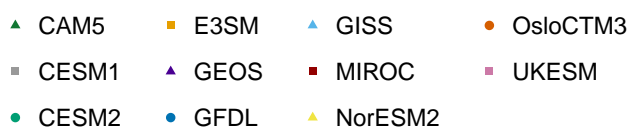
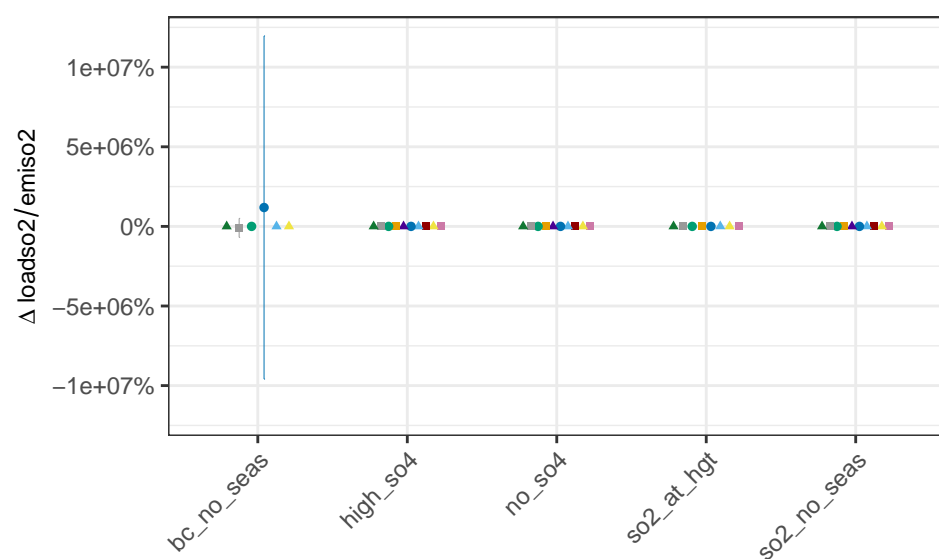
column mass burden of BC – NH-land



SO4 lifetime – NH-land

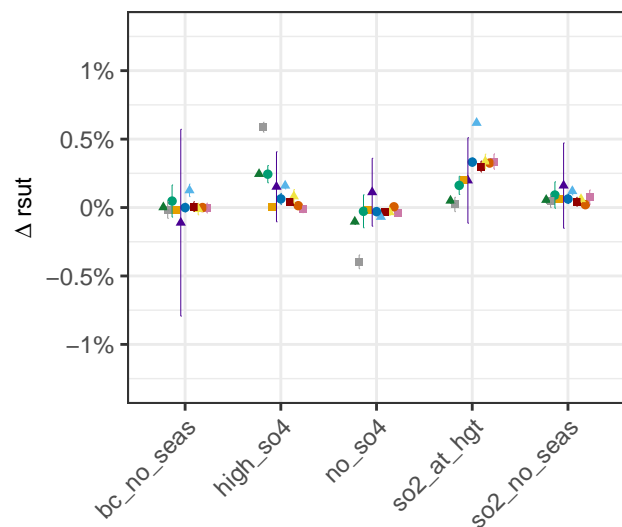


SO2 timescale – NH-land

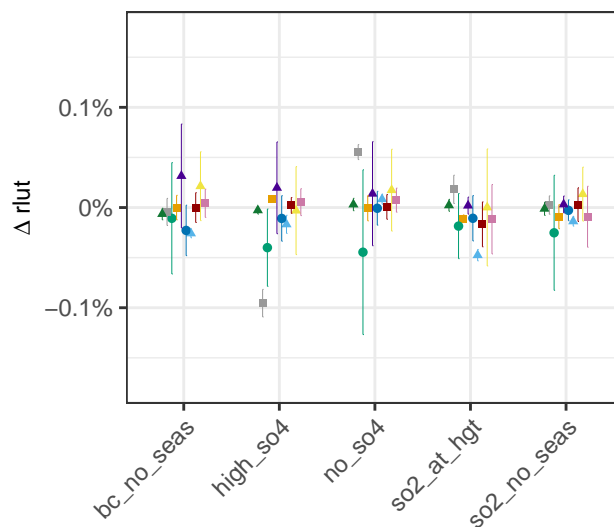


# Summary – percent difference

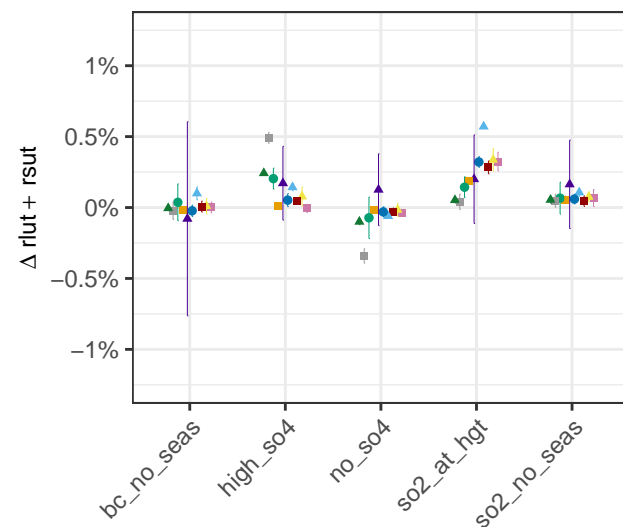
upwelling shortwave flux  
at TOA – NH–land



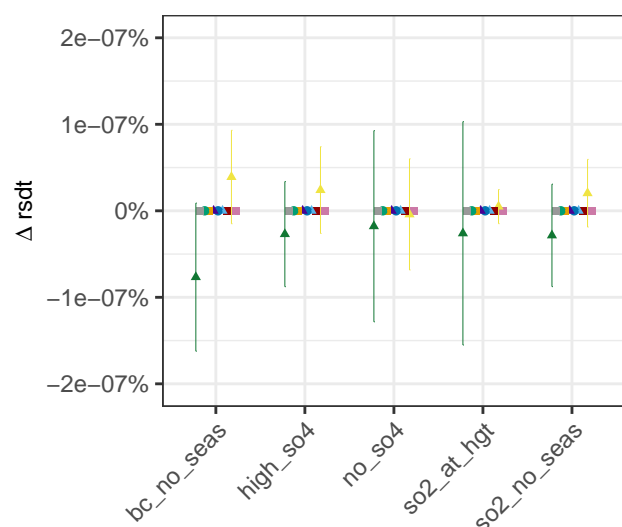
upwelling longwave flux  
at TOA – NH–land



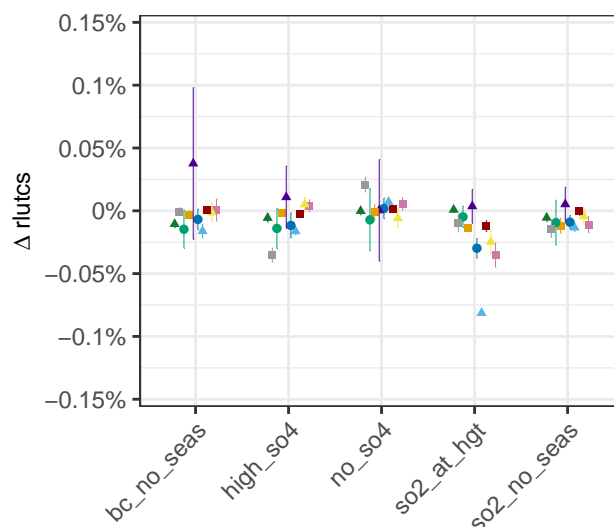
net radiative flux  
at TOA – NH–land



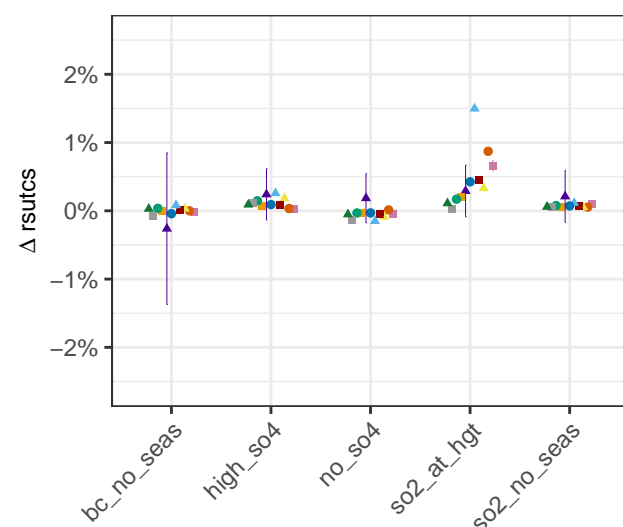
incident shortwave flux  
at TOA – NH–land



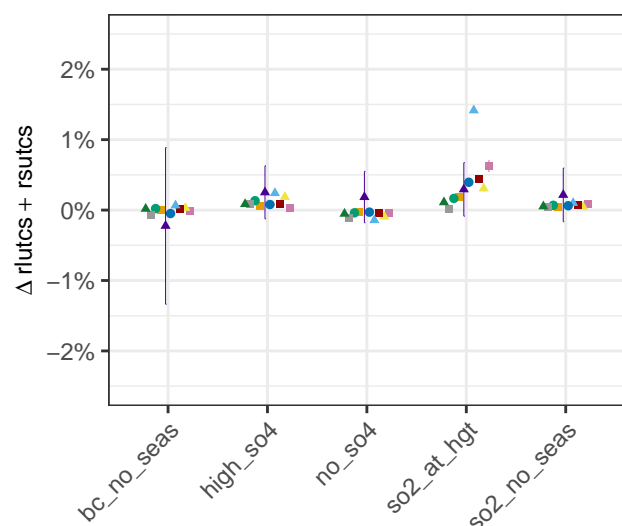
upwelling clear-sky longwave  
flux at TOA – NH–land



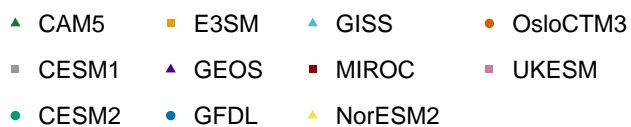
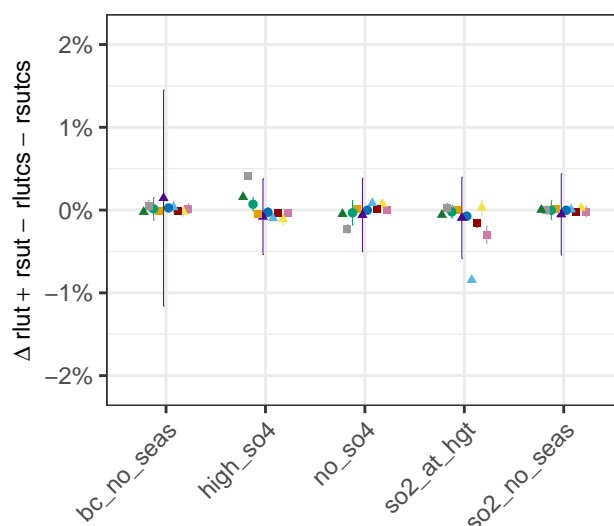
upwelling clear-sky shortwave  
flux at TOA – NH–land



clear-sky net radiative flux  
at TOA – NH–land

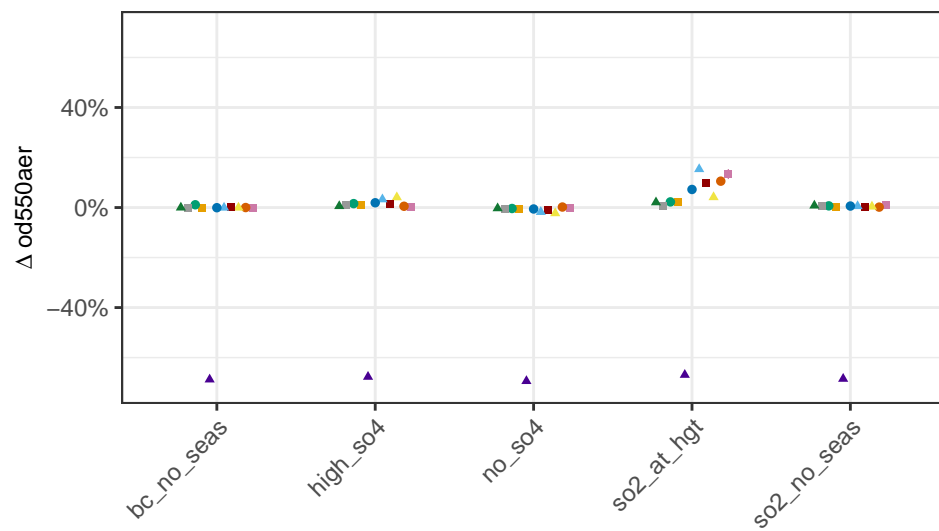


implied cloud response at  
TOA – NH–land

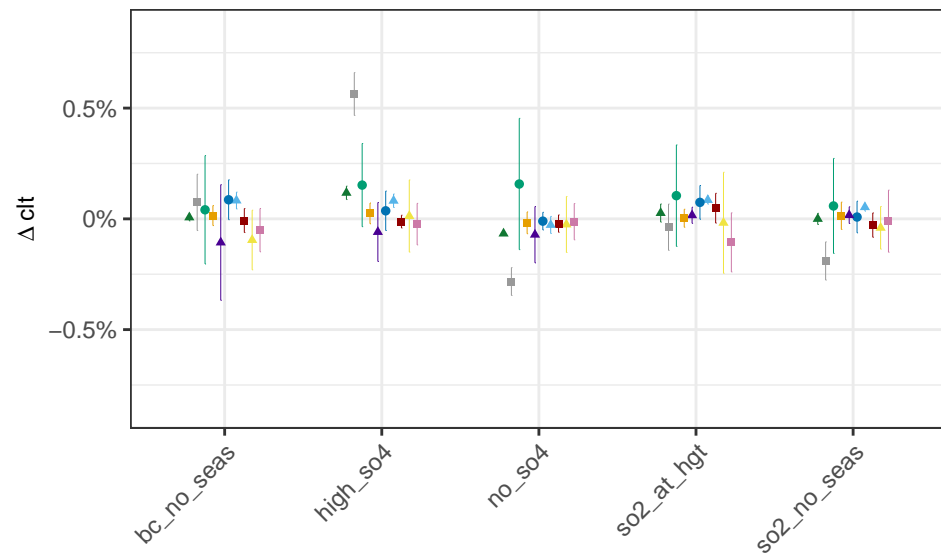


# Summary – percent difference

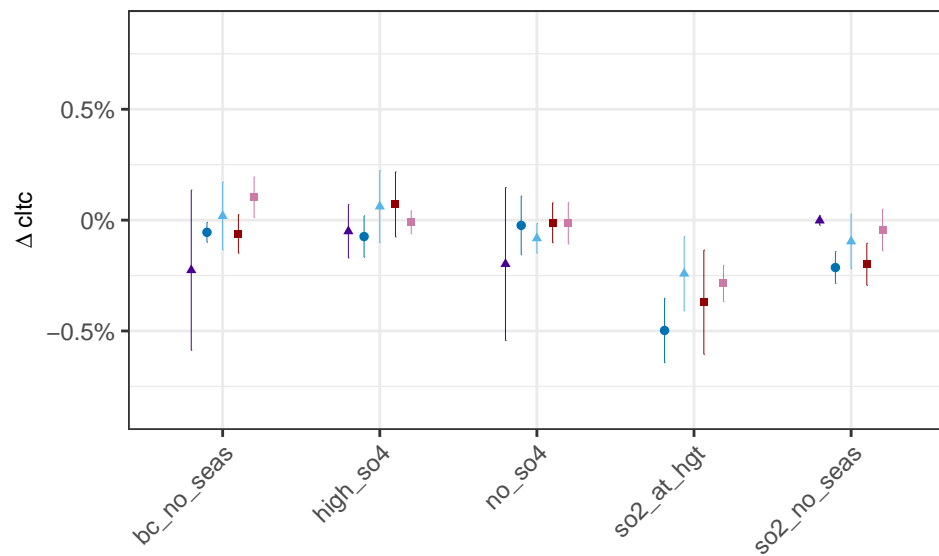
ambient aerosol optical  
thickness at 550nm – NH-land



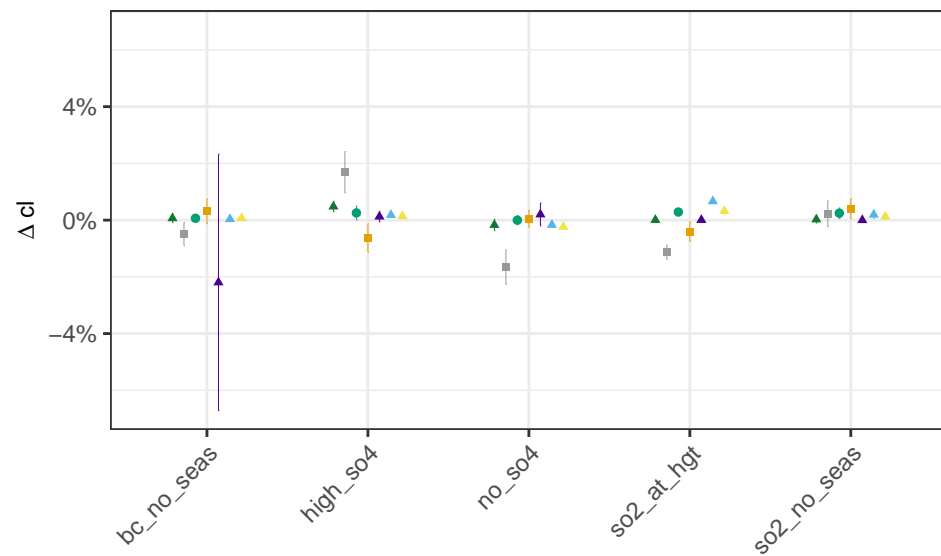
total cloud cover – NH-land



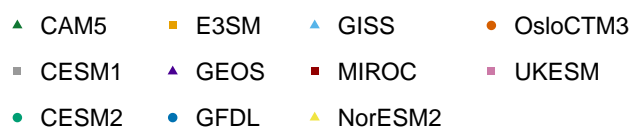
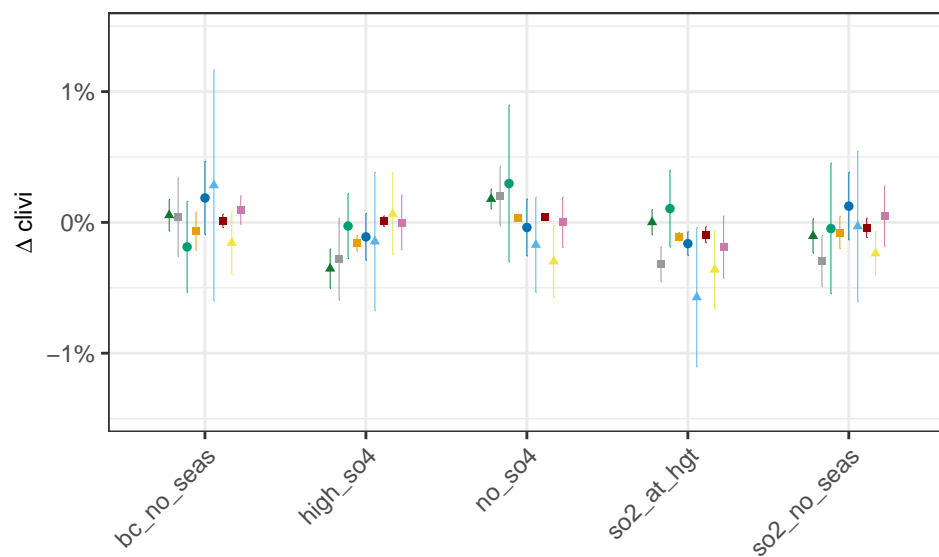
convective cloud cover – NH-land



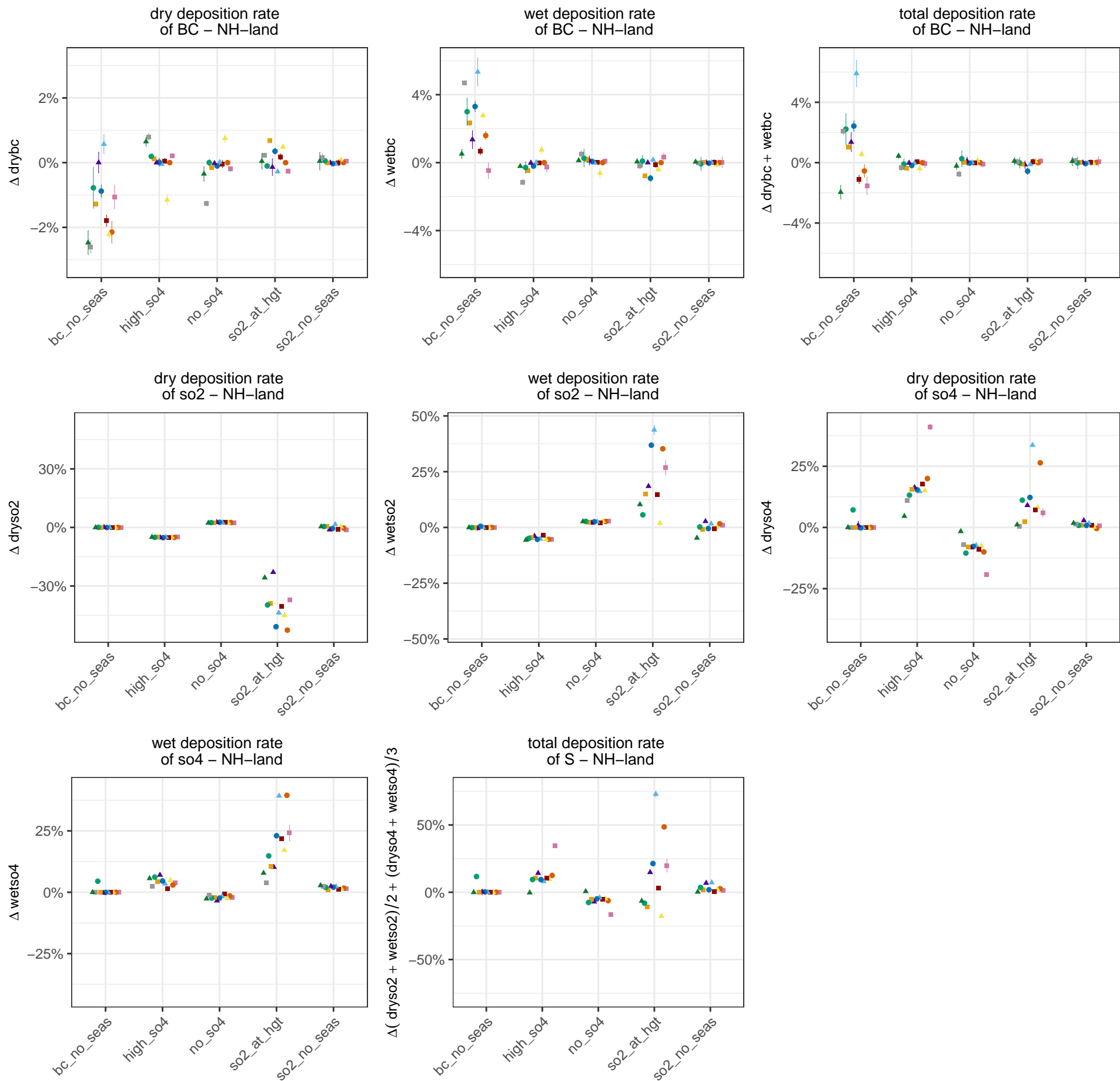
surface cloud cover – NH-land



ice water path – NH-land



# Summary – percent difference



- ▲ CAM5
- E3SM
- ▲ GISS
- OsloCTM3
- CESM1
- ▲ GEOS
- MIROC
- UKESM
- CESM2
- GFDL
- ▲ NorESM2