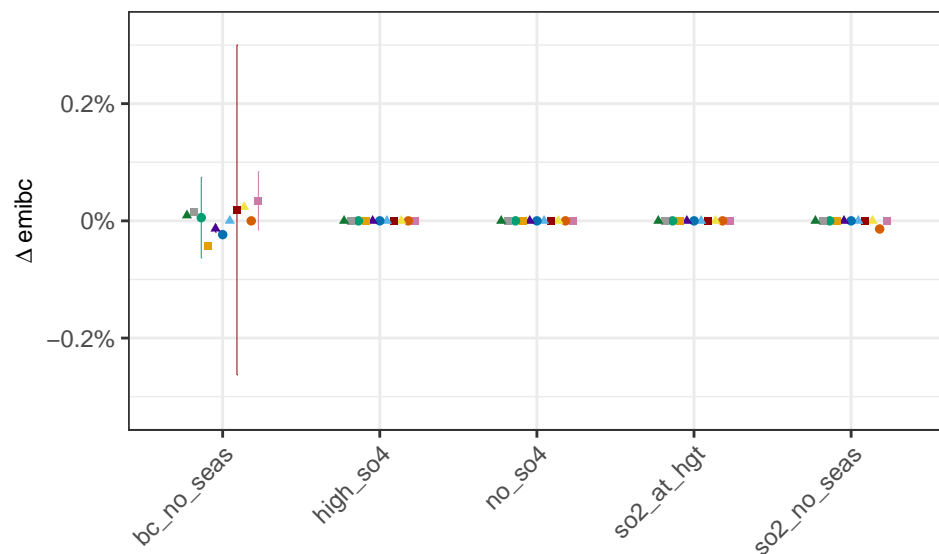
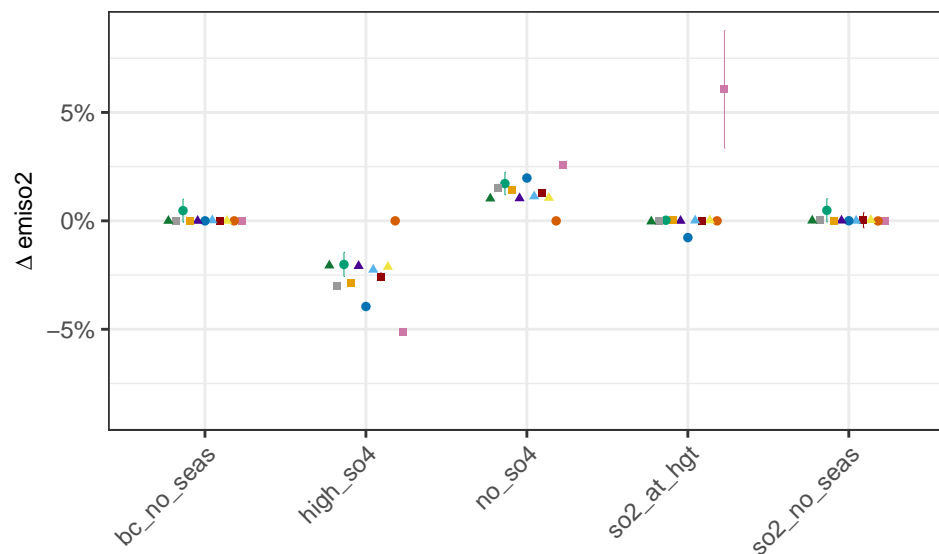


Summary – percent difference

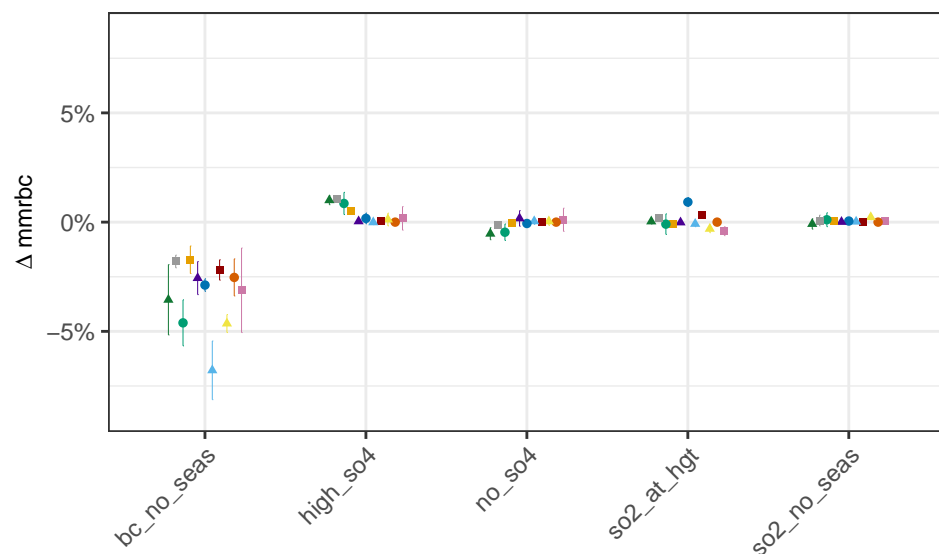
surface flux of BC – NH–pacific



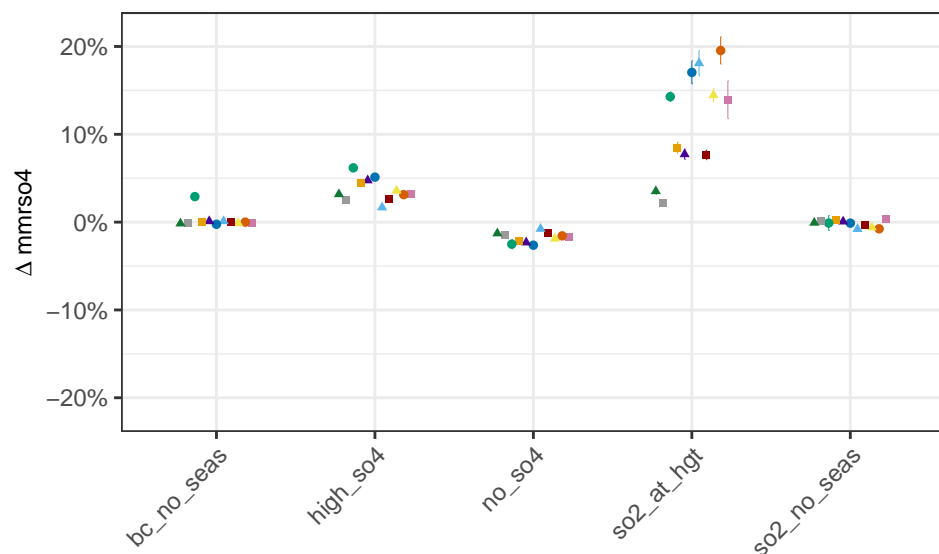
surface flux of SO2 – NH–pacific



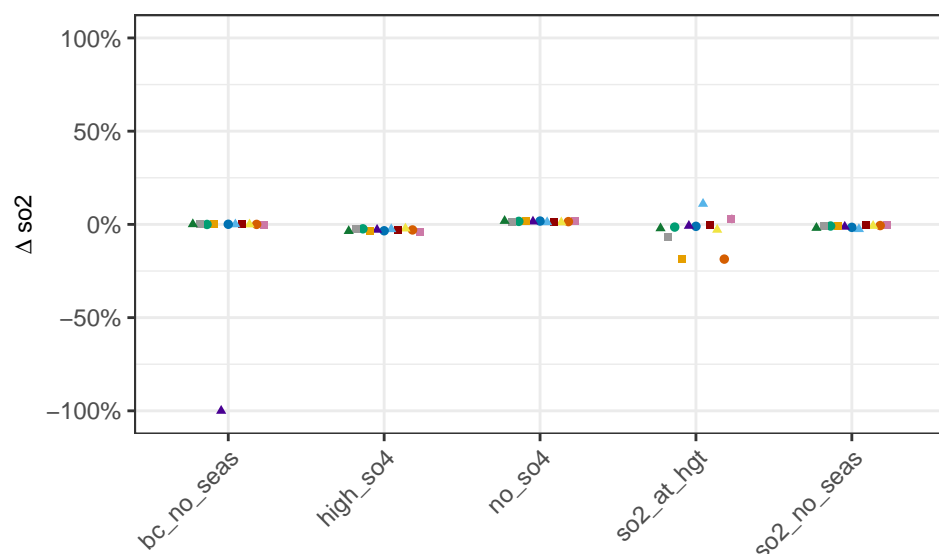
surface concentration of BC – NH–pacific



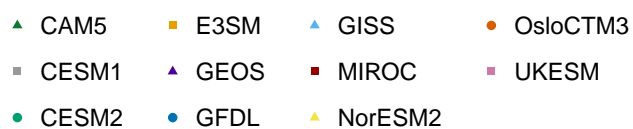
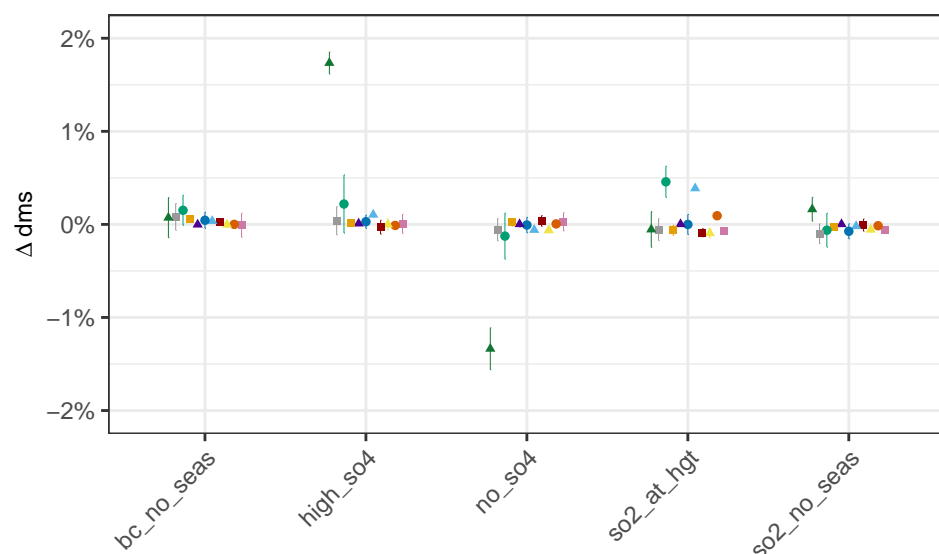
surface concentration of SO4 – NH–pacific



surface concentration of SO2 – NH–pacific

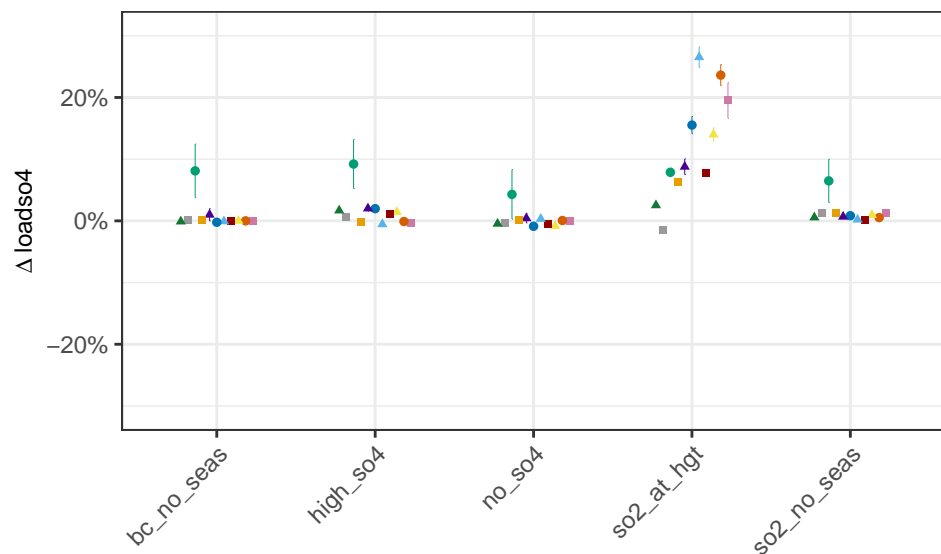


surface concentration of DMS – NH–pacific

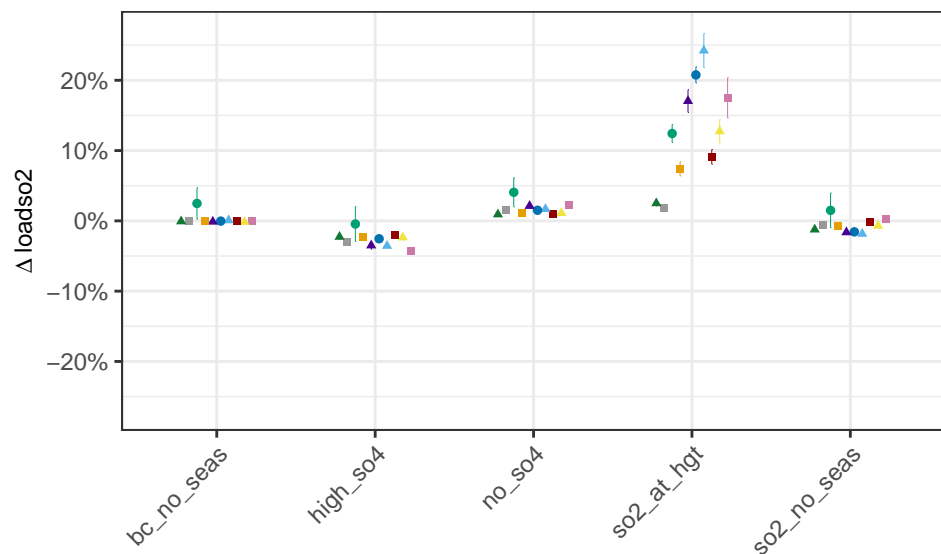


Summary – percent difference

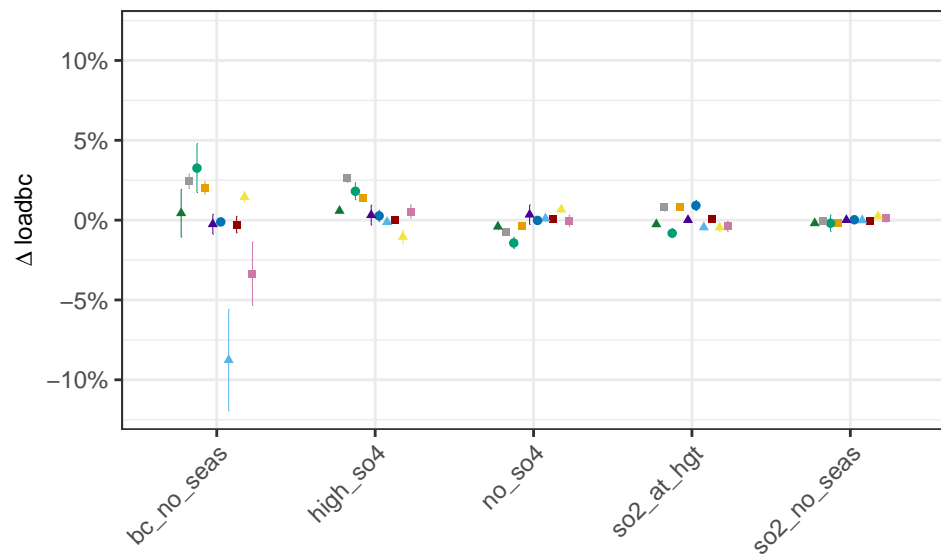
column mass burden of SO4 – NH–pacific



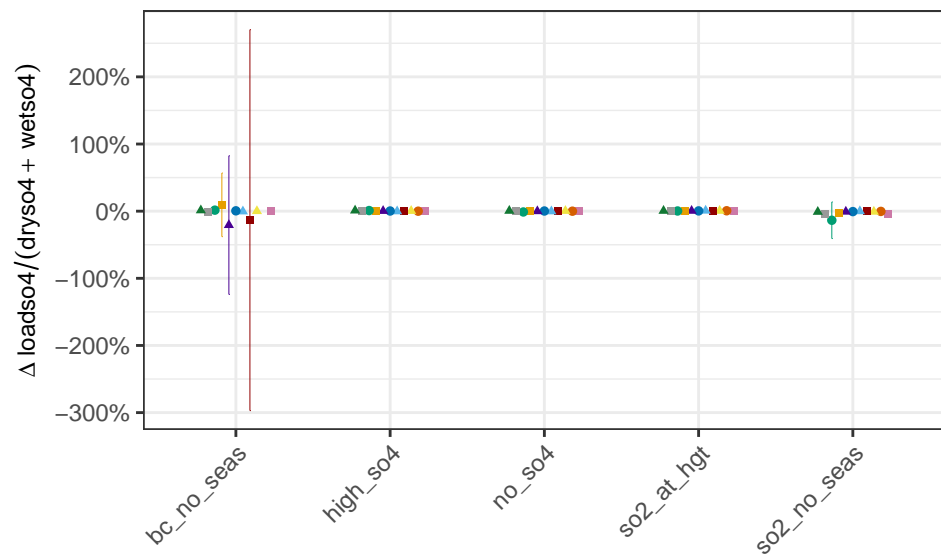
column mass burden of SO2 – NH–pacific



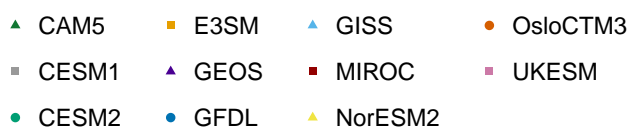
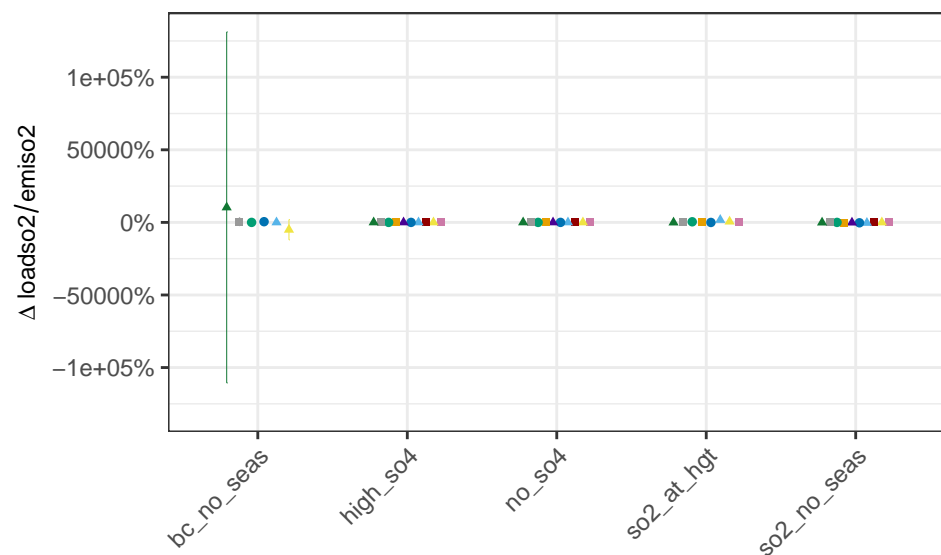
column mass burden of BC – NH–pacific



SO4 lifetime – NH–pacific

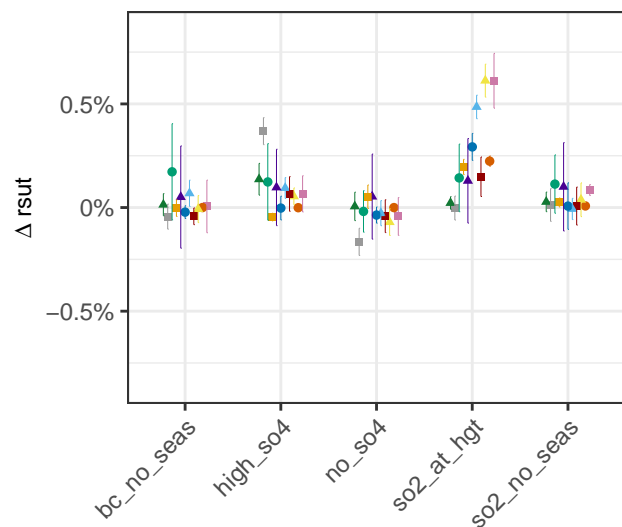


SO2 timescale – NH–pacific

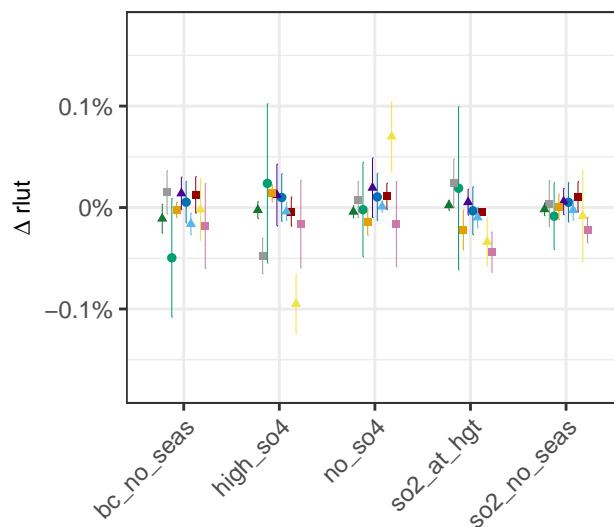


Summary – percent difference

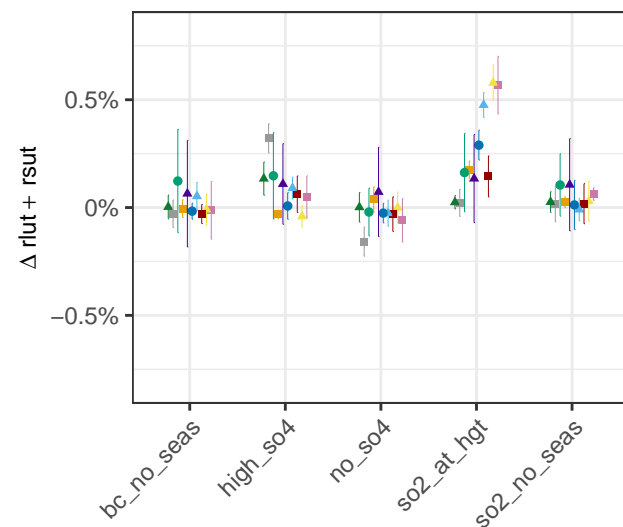
upwelling shortwave flux
at TOA – NH–pacific



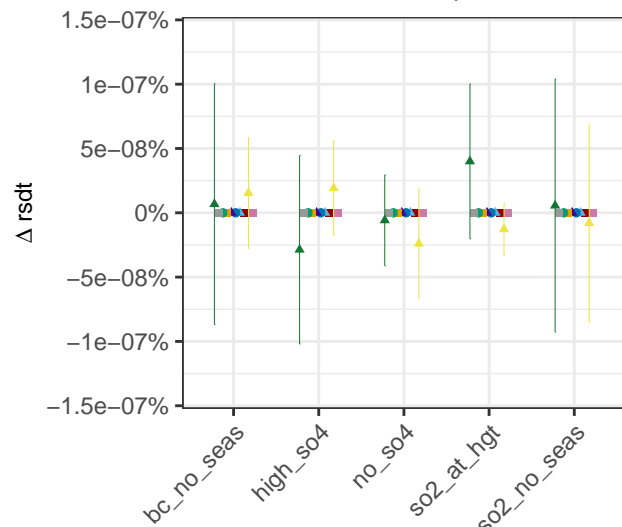
upwelling longwave flux
at TOA – NH–pacific



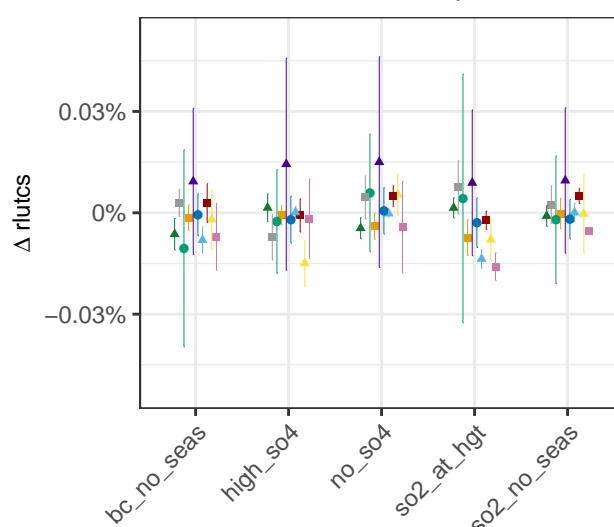
net radiative flux
at TOA – NH–pacific



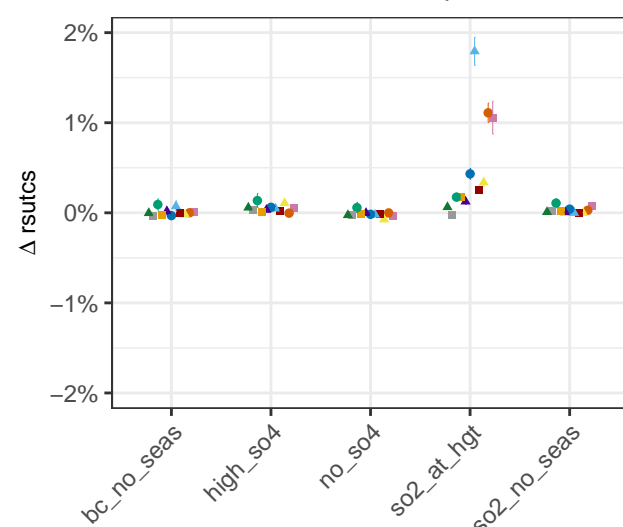
incident shortwave flux
at TOA – NH–pacific



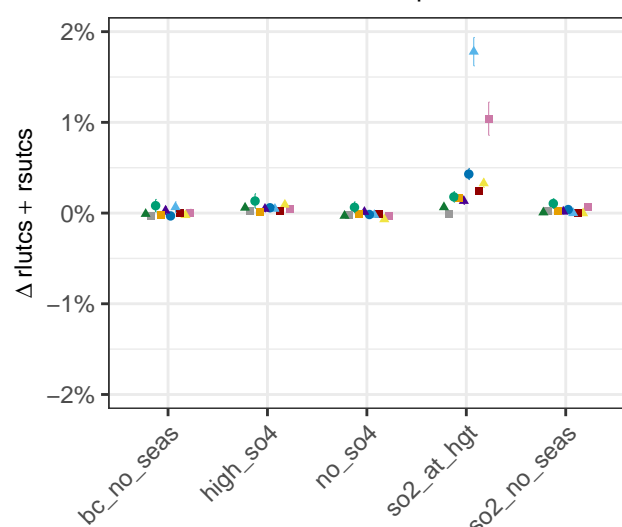
upwelling clear-sky longwave
flux at TOA – NH–pacific



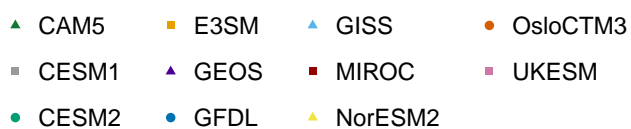
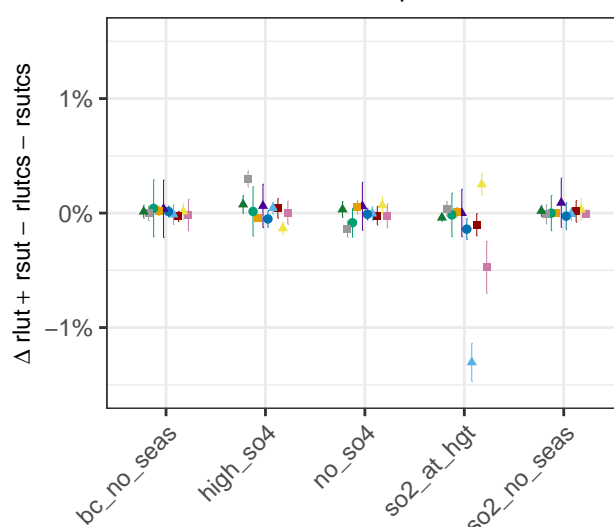
upwelling clear-sky shortwave
flux at TOA – NH–pacific



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

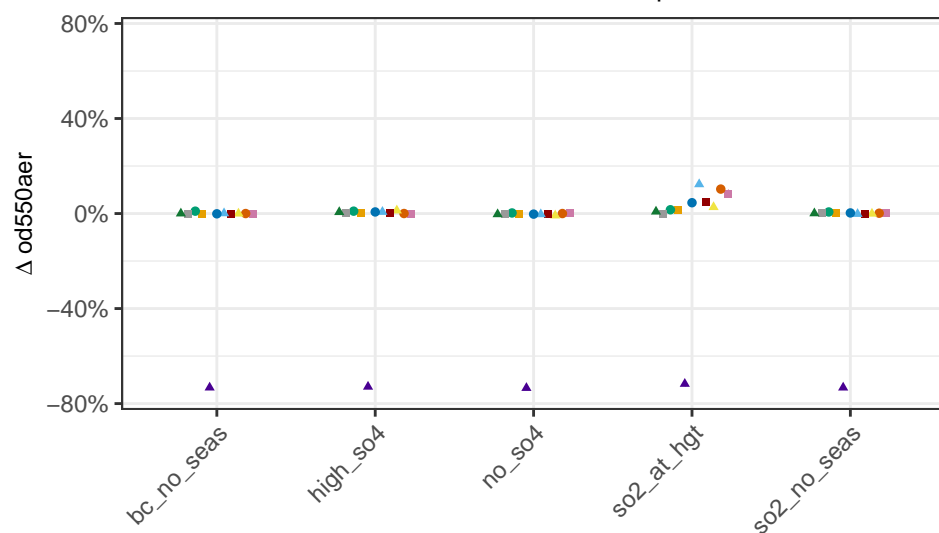


implied cloud response at
TOA – NH–pacific

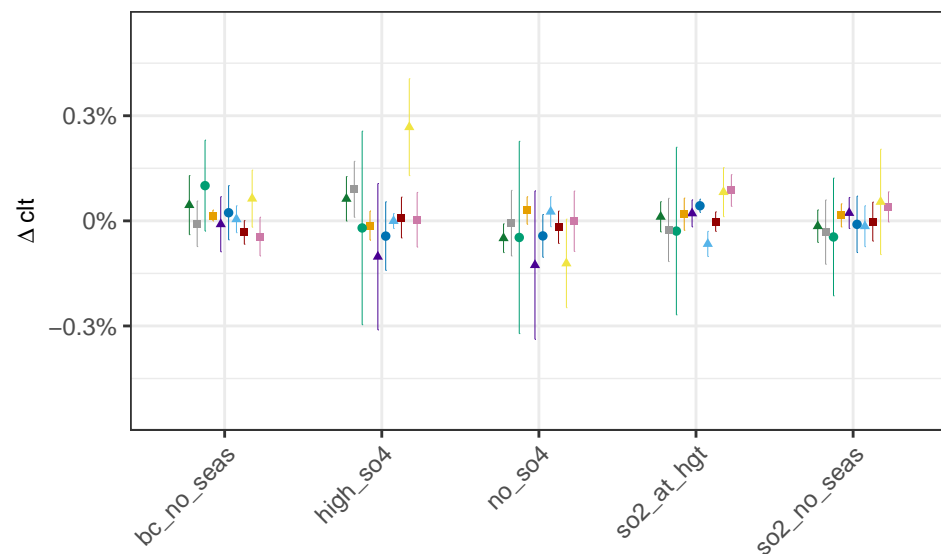


Summary – percent difference

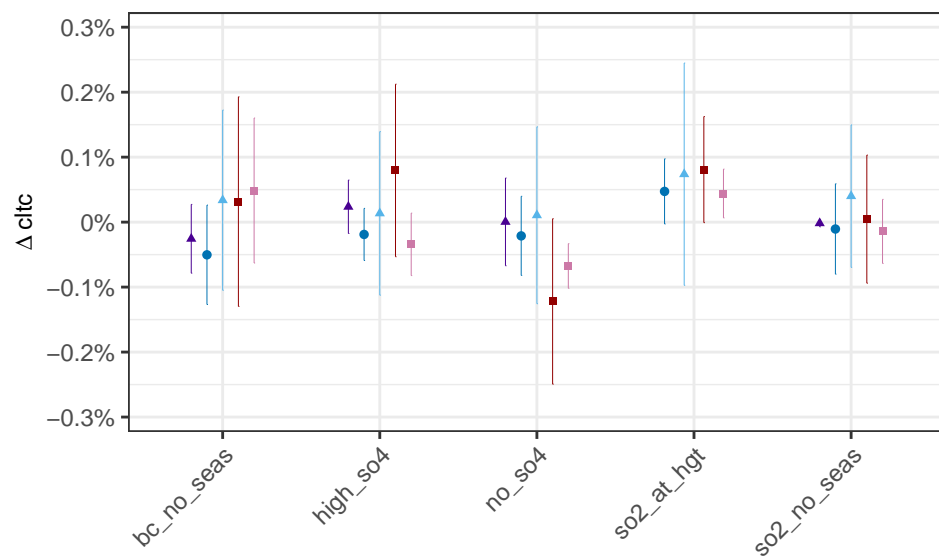
ambient aerosol optical
thickness at 550nm – NH–pacific



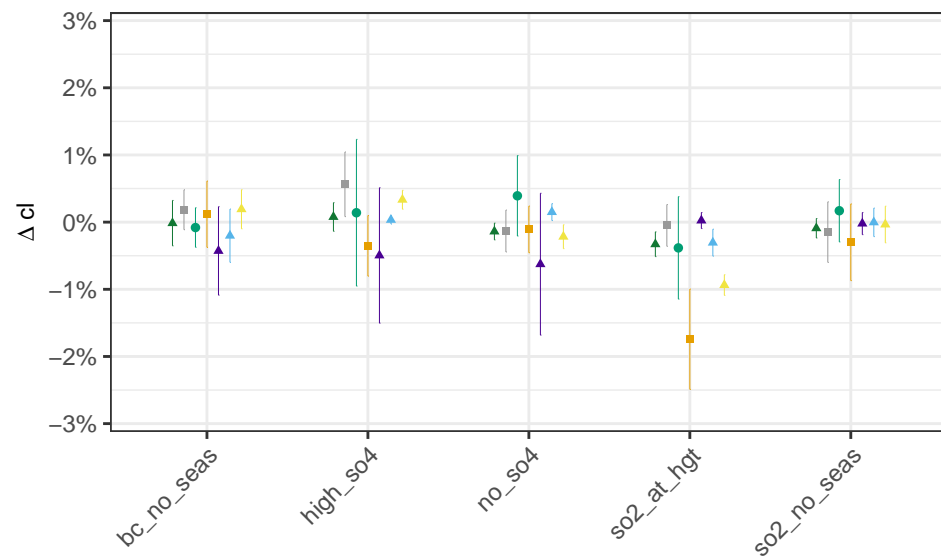
total cloud cover – NH–pacific



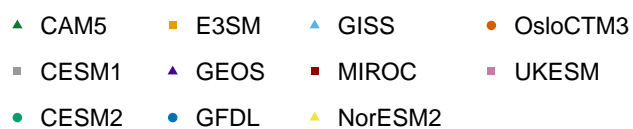
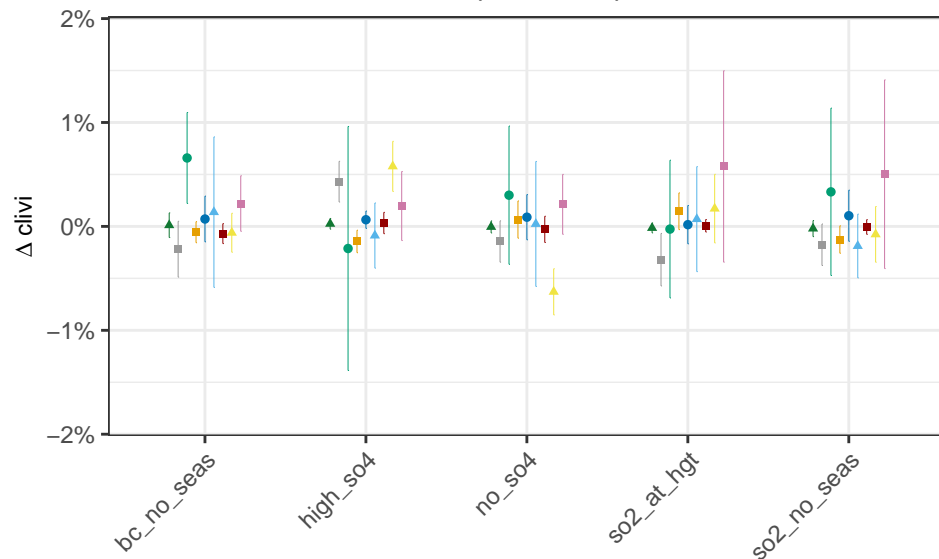
convective cloud cover – NH–pacific



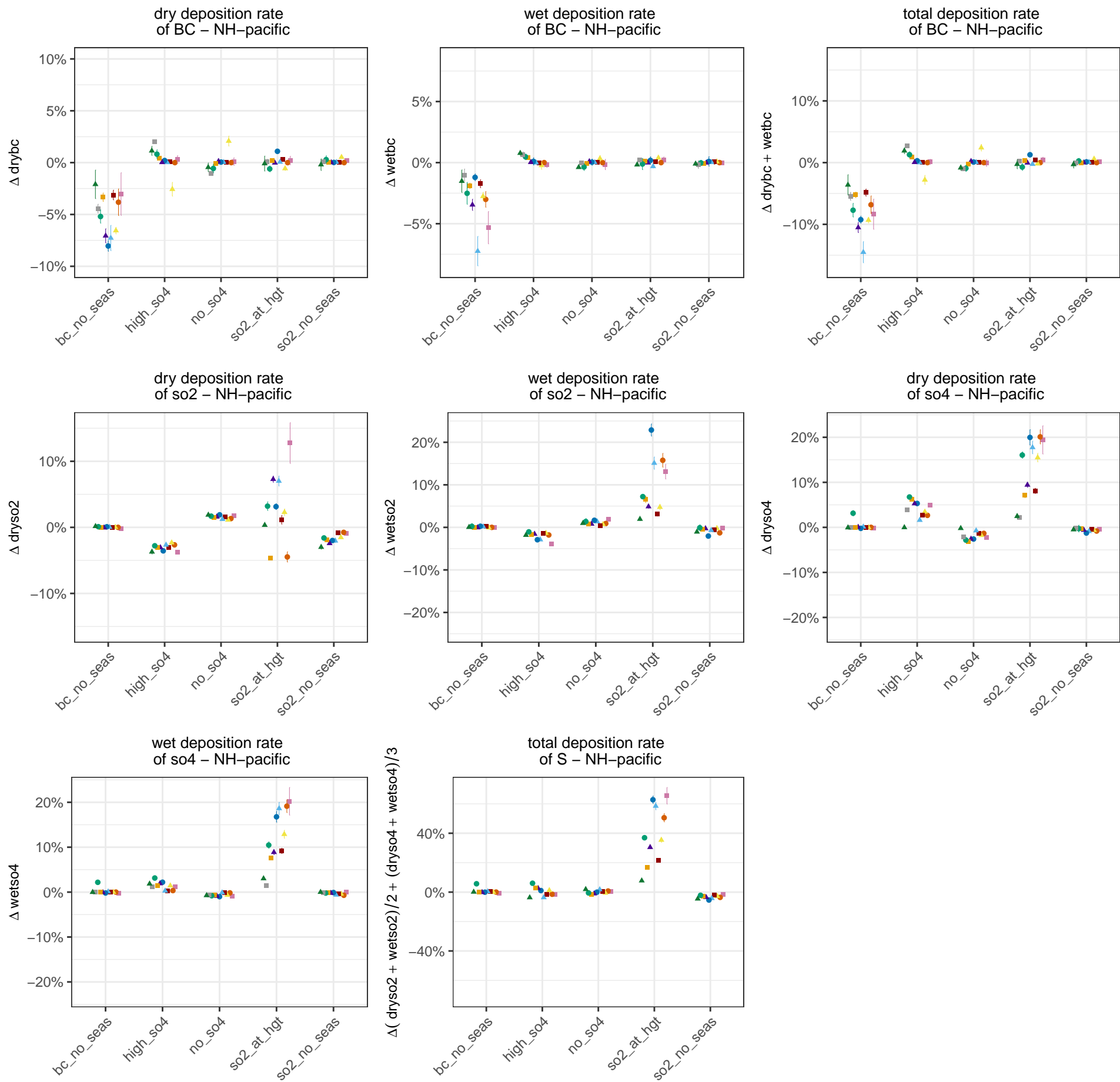
surface cloud cover – NH–pacific



ice water path – NH–pacific



Summary – percent difference



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