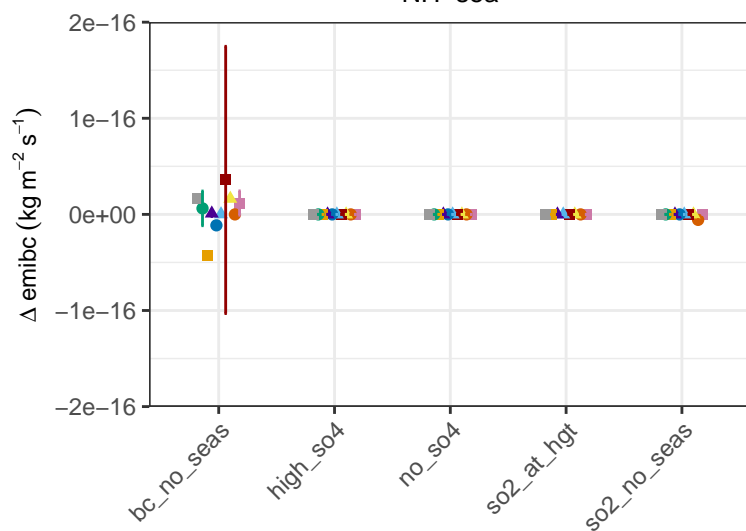
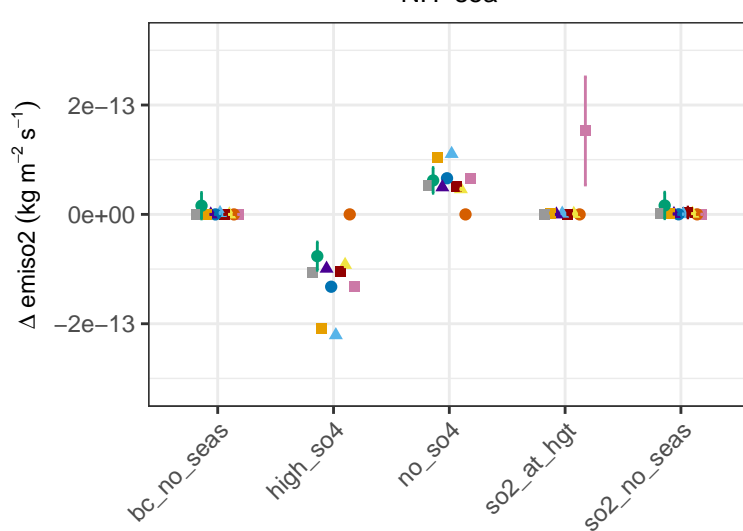


Summary – absolute difference

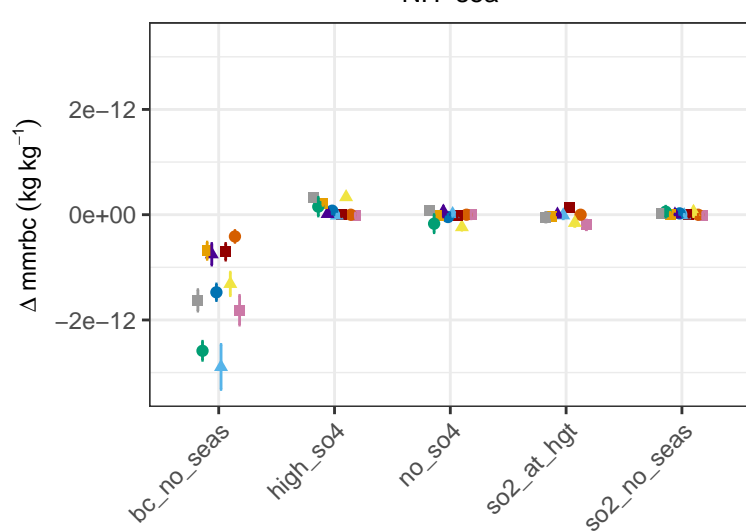
surface flux of BC –
NH-sea



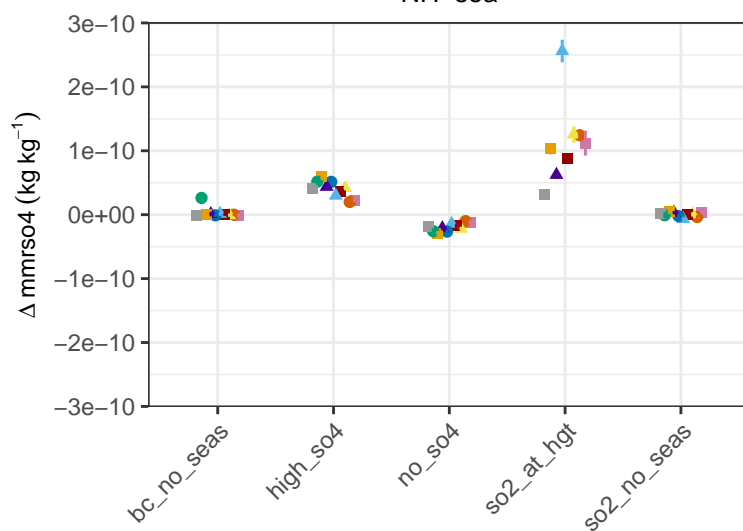
surface flux of SO₂ –
NH-sea



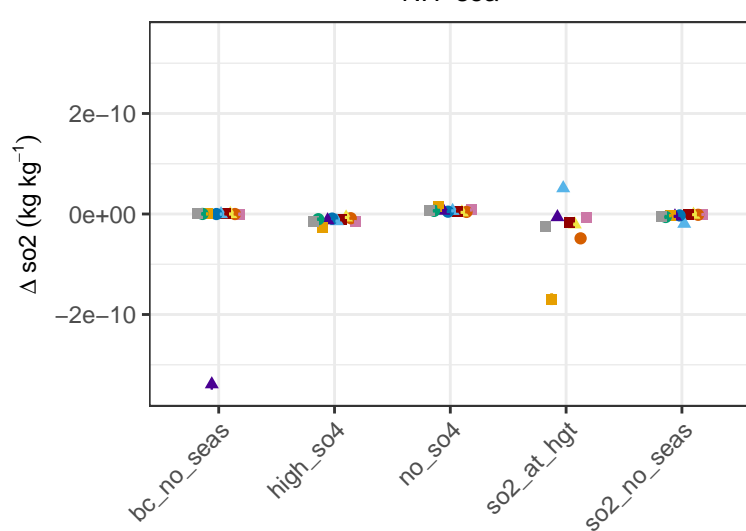
surface concentration of BC –
NH-sea



surface concentration of SO₄ –
NH-sea

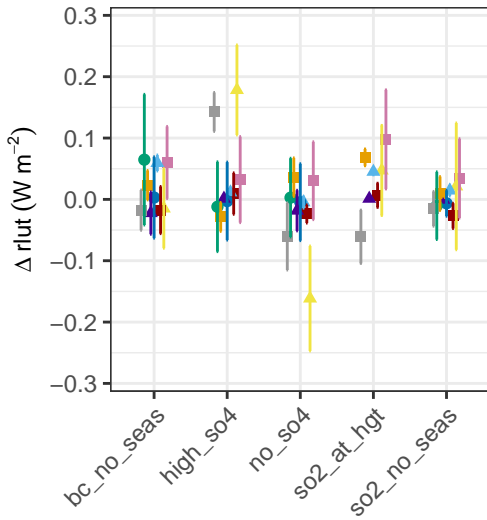


surface concentration of SO₂ –
NH-sea

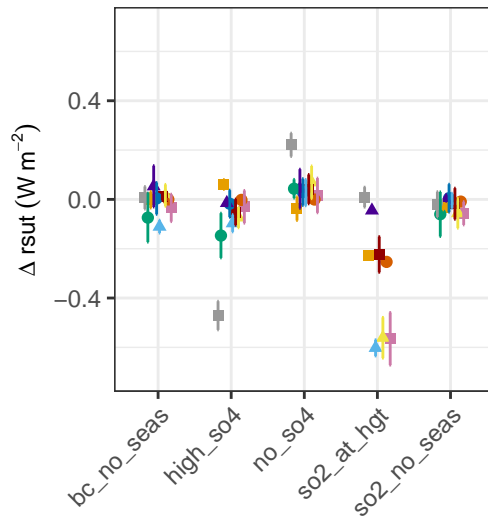


Summary – absolute difference

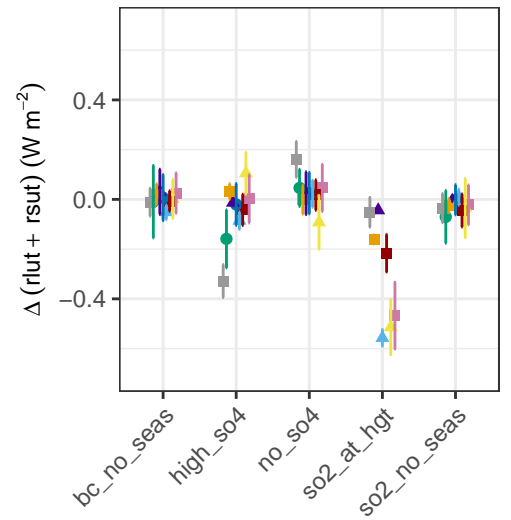
longwave flux at TOA – NH-sea



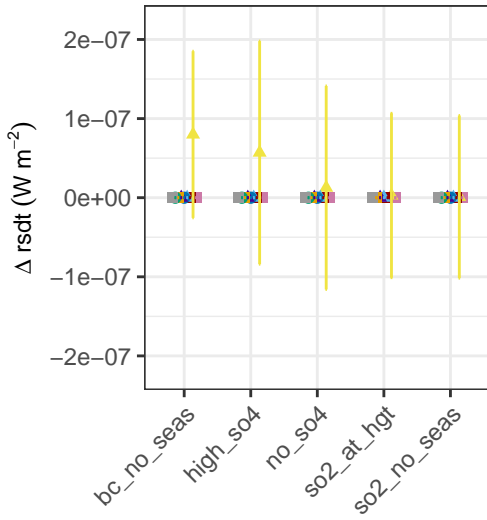
shortwave flux at TOA – NH-sea



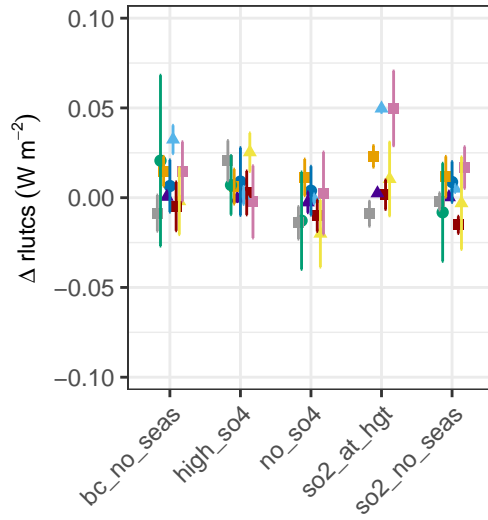
net radiative flux at TOA – NH-sea



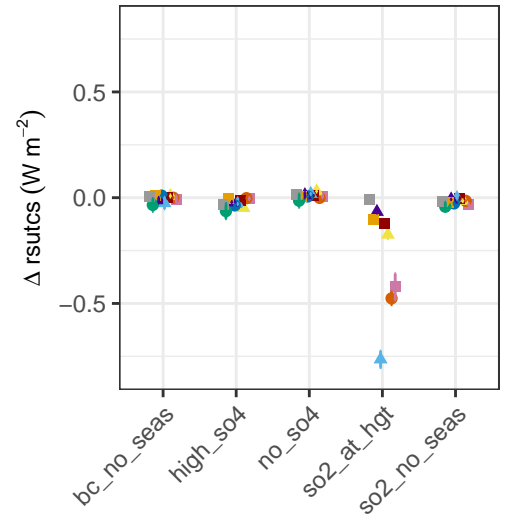
incident shortwave flux at TOA – NH-sea



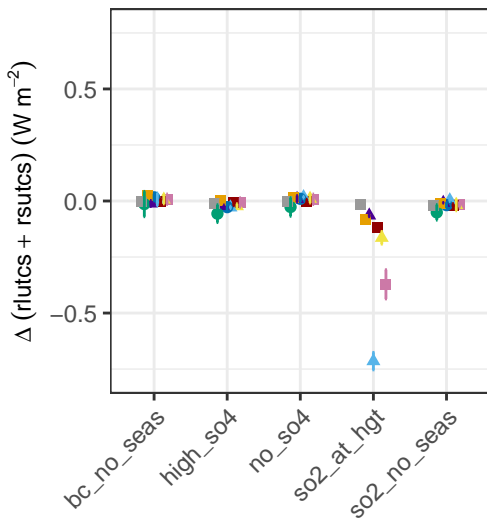
clear-sky longwave flux at TOA – NH-sea



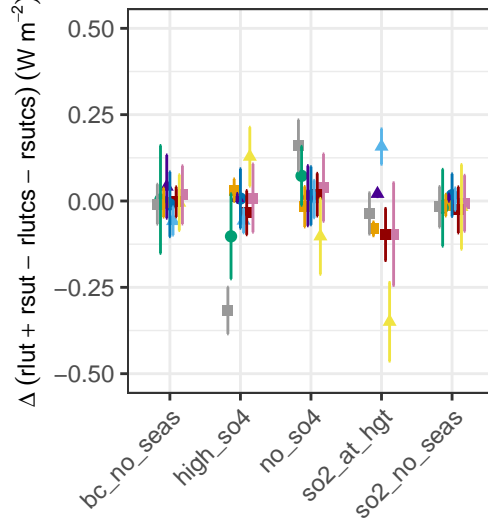
clear-sky shortwave flux at TOA – NH-sea



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



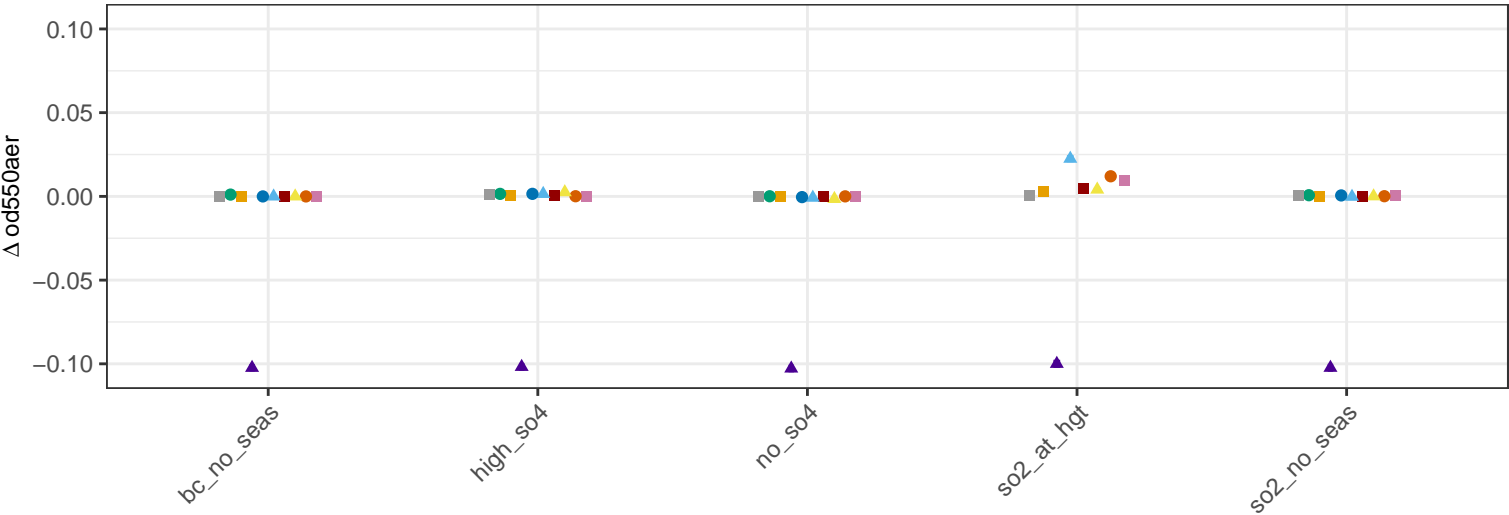
implied cloud response at TOA – NH-sea



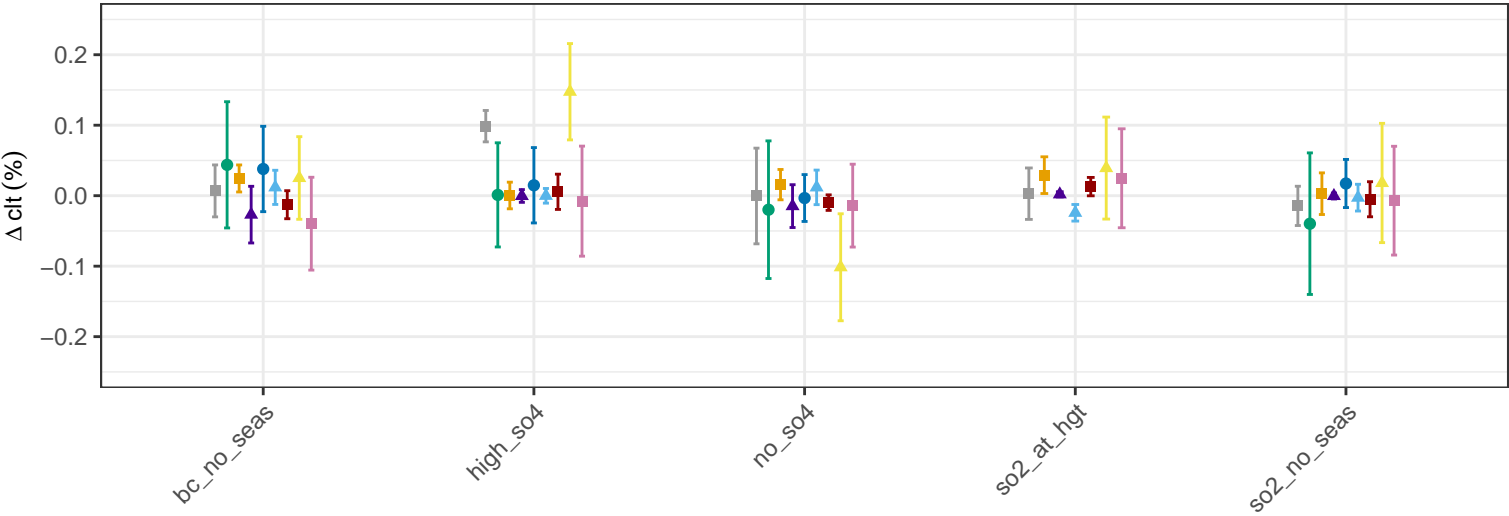
■ CESM1 ■ E3SM ● GFDL ■ MIROC ■ UKESM
 ● CESM2 ▲ GEOS ▲ GISS ▲ NorESM2

Summary – absolute difference

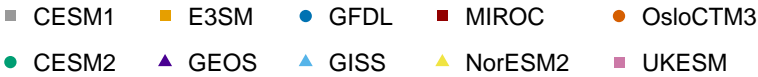
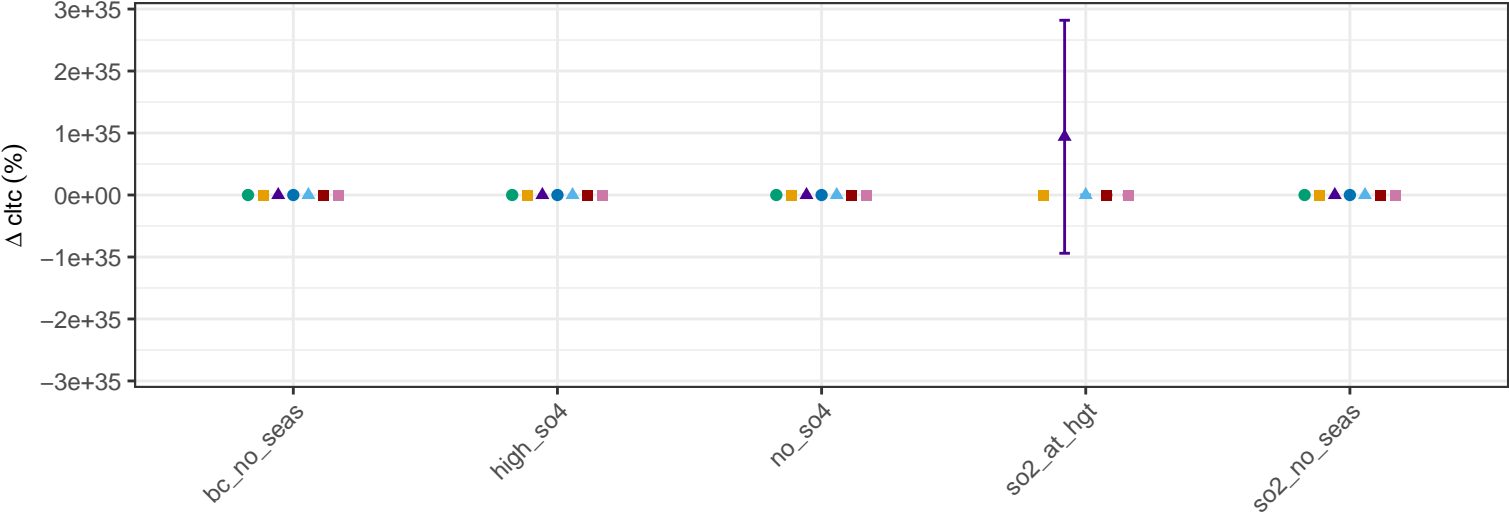
ambient aerosol optical
thickness at 550nm – NH-sea



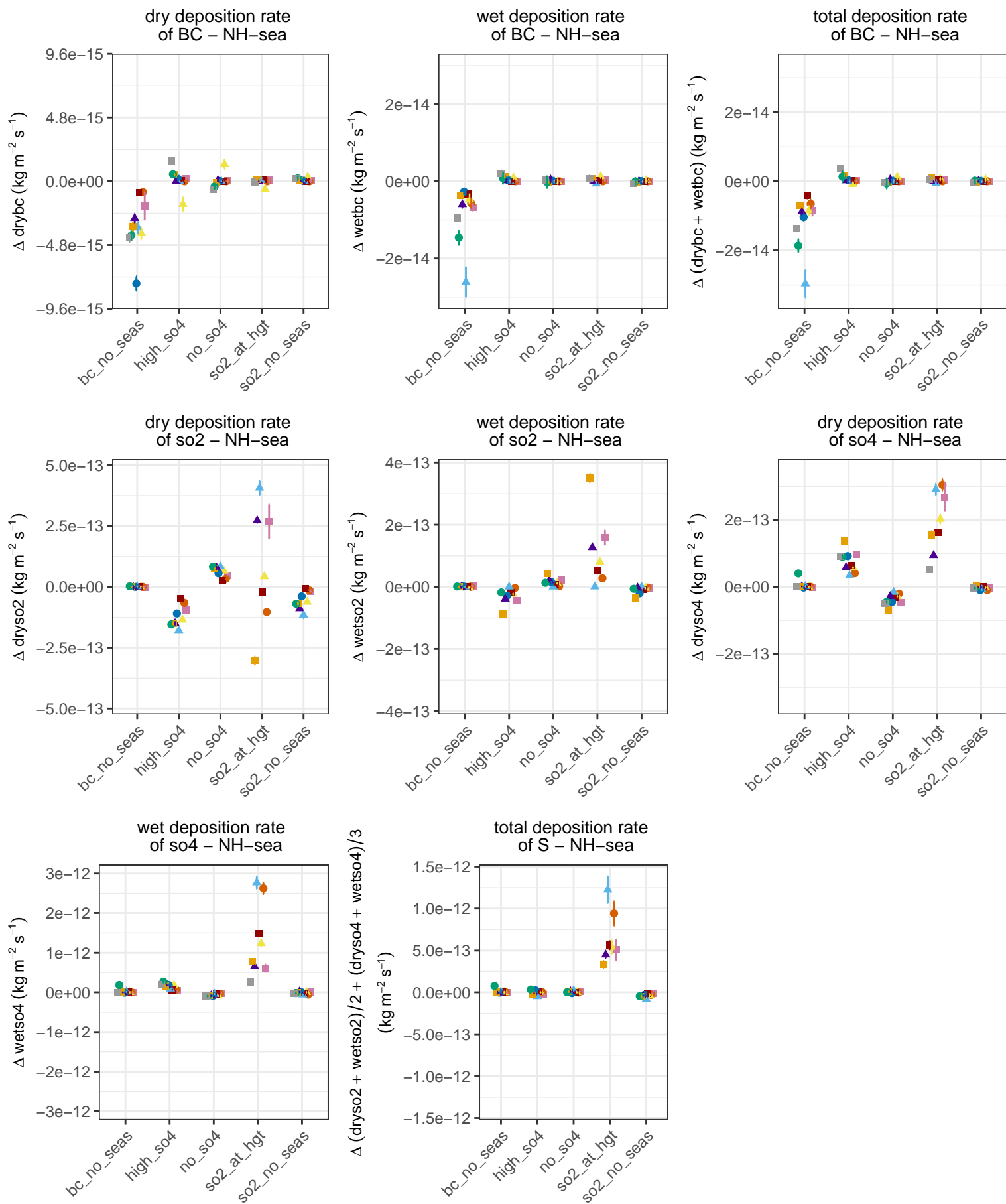
total cloud cover
percentage – NH-sea



convective cloud cover
percentage – NH-sea



Summary – absolute difference



■ CESM1 ■ E3SM ● GFDL ■ MIROC ● OsloCTM3
 ● CESM2 ▲ GEOS ▲ GISS ▲ NorESM2 ■ UKESM