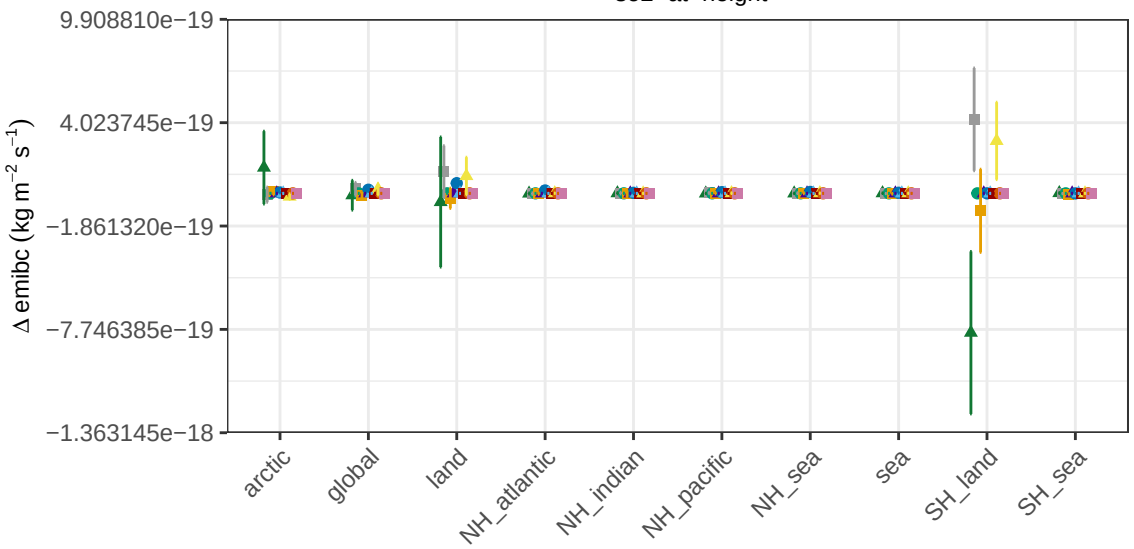
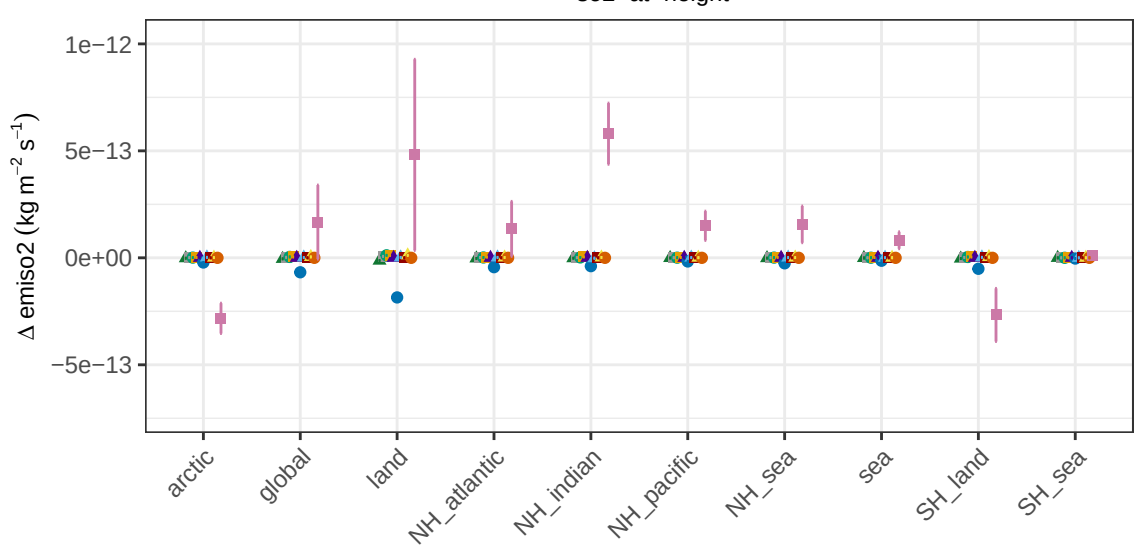
Summary − absolute difference

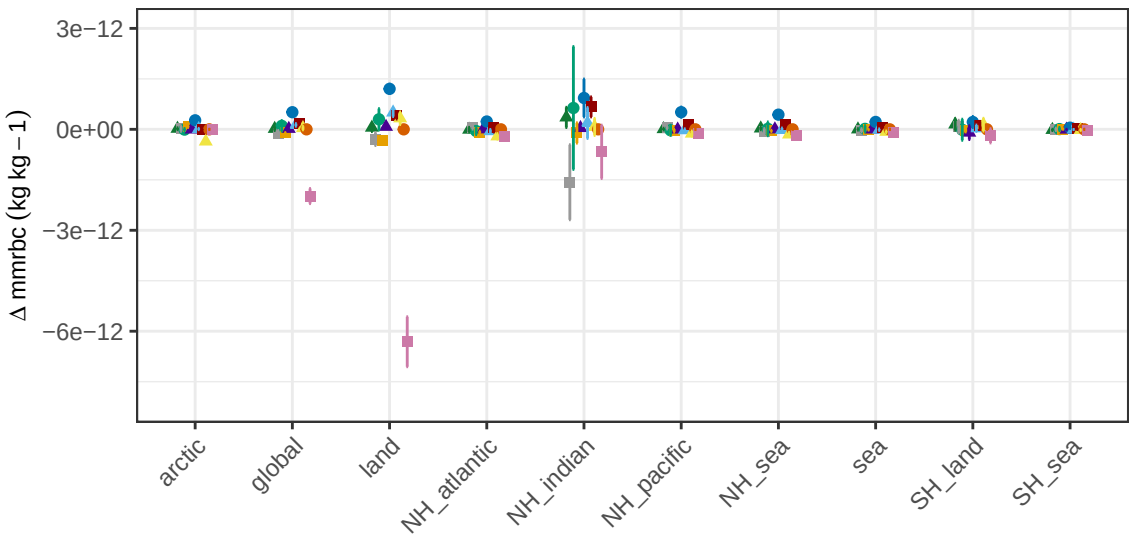
surface flux of BC
− so2−at−height



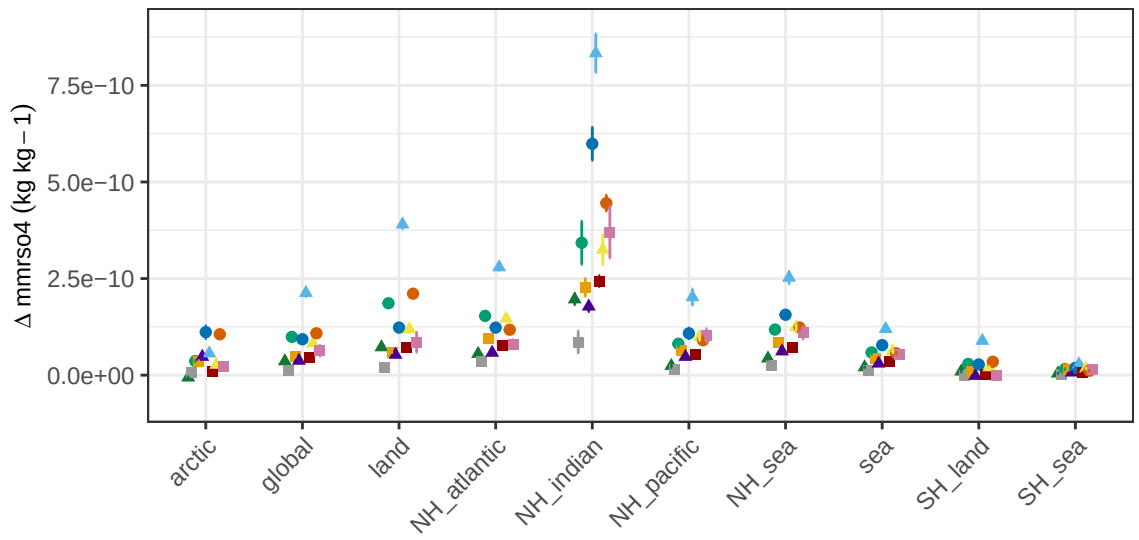
surface flux of SO2
− so2−at−height



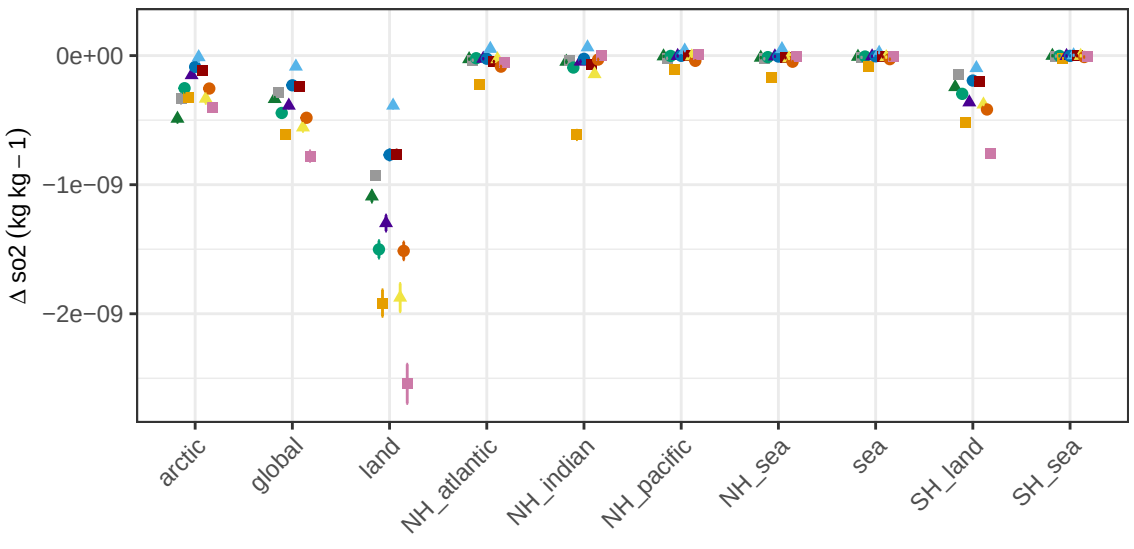
surface concentration of BC
− so2−at−height



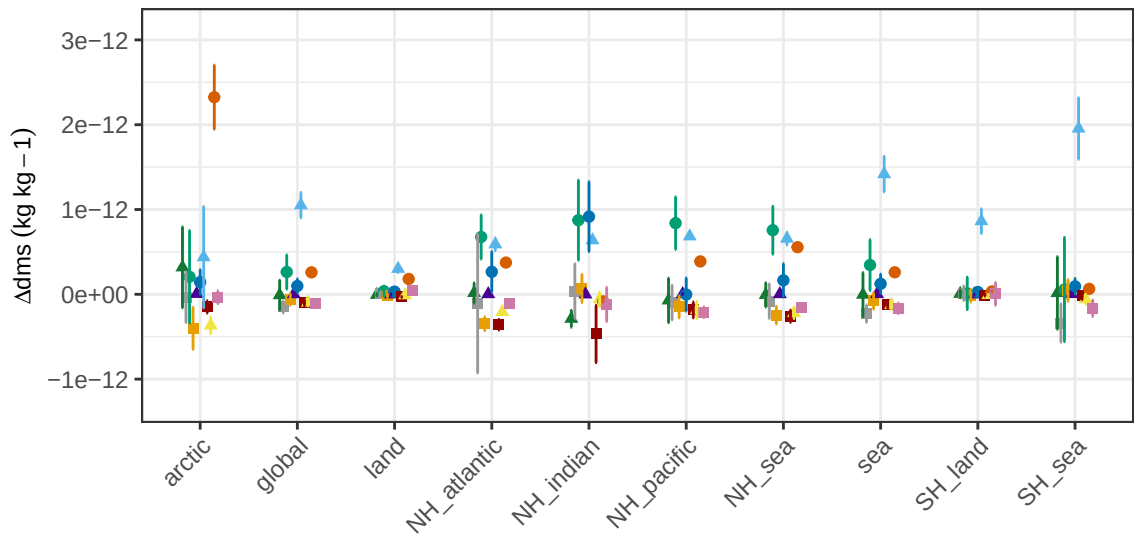
surface concentration of SO4
− so2−at−height



surface concentration of SO2
− so2−at−height

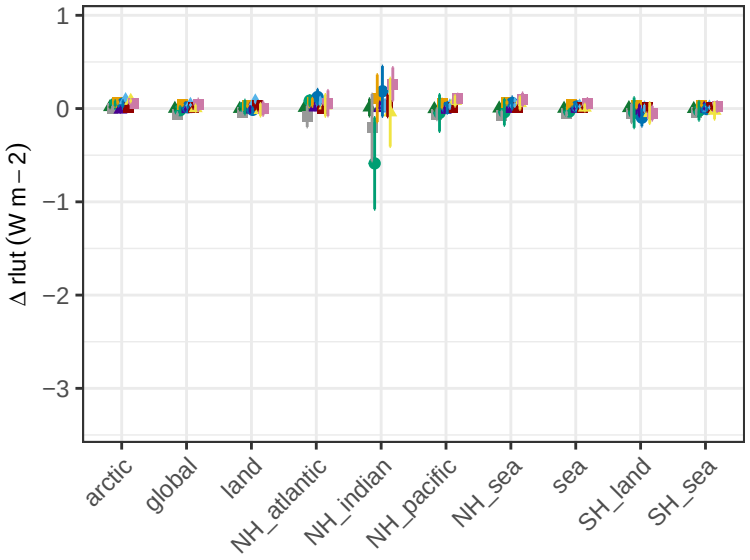


surface concentration of DMS
− so2−at−height

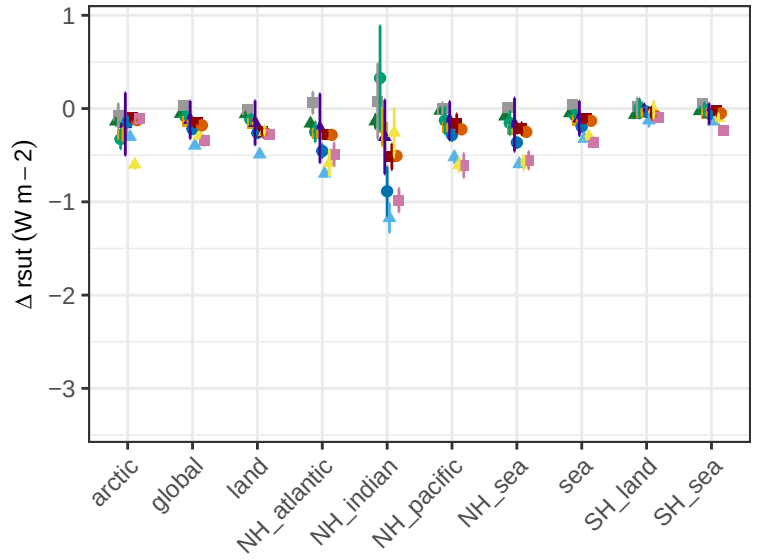


Summary − absolute difference

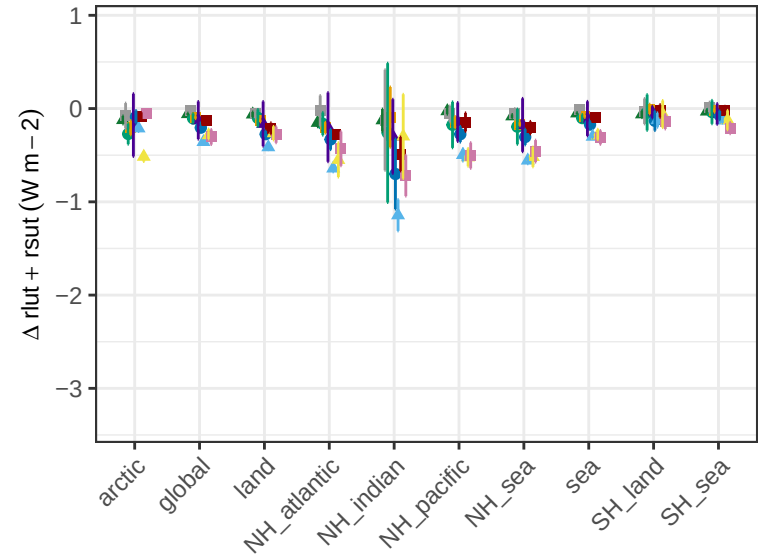
upwelling longwave flux at TOA − so2−at−height



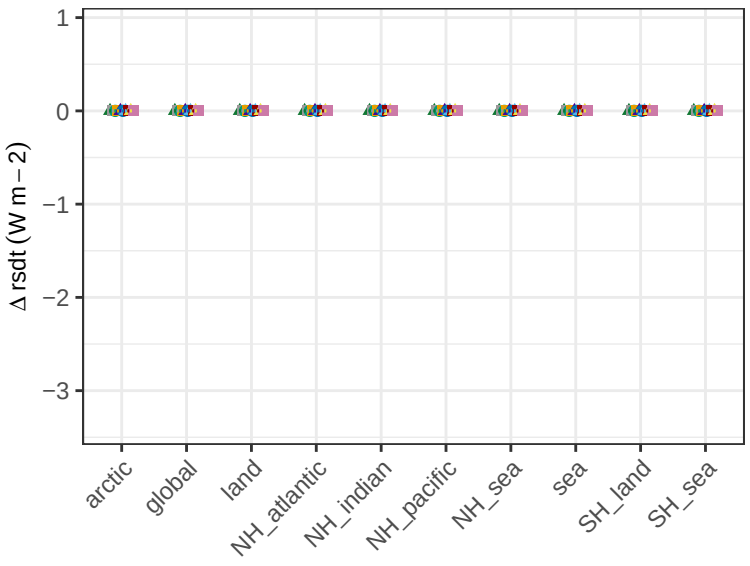
upwelling shortwave flux at TOA − so2−at−height



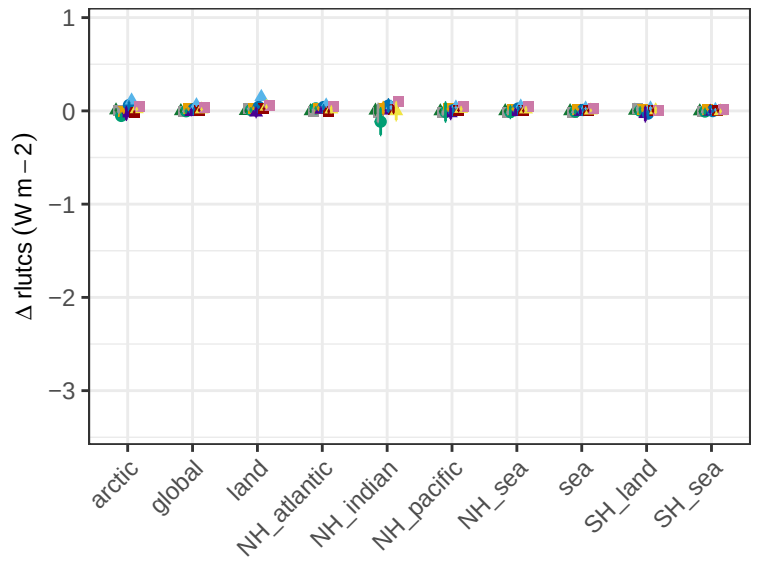
net radiative flux at TOA − so2−at−height



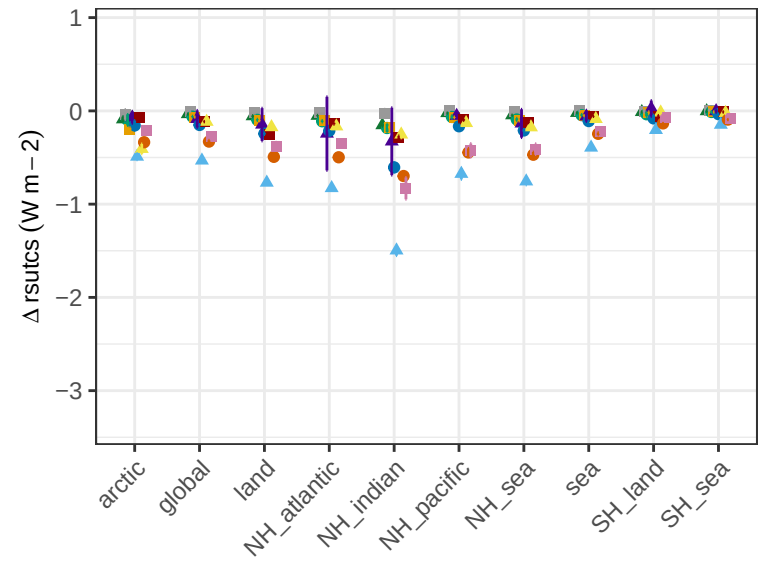
incident shortwave flux at TOA − so2−at−height



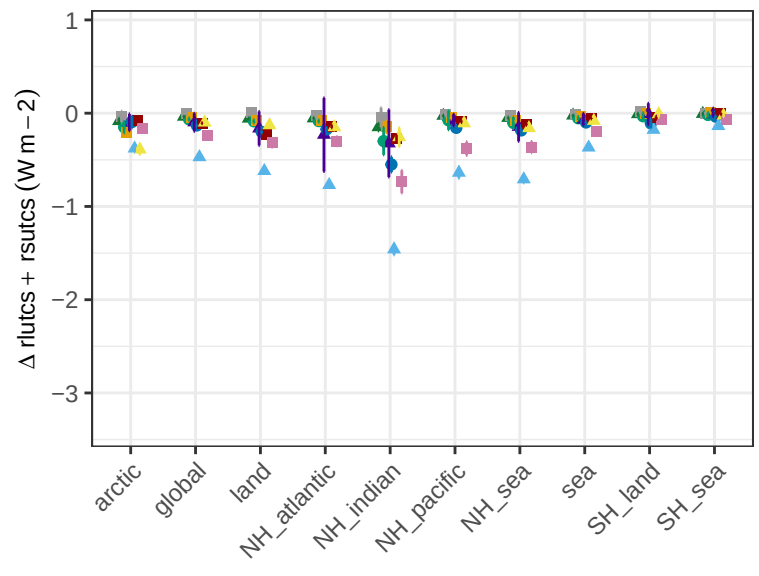
upwelling clear−sky longwave flux at TOA − so2−at−height



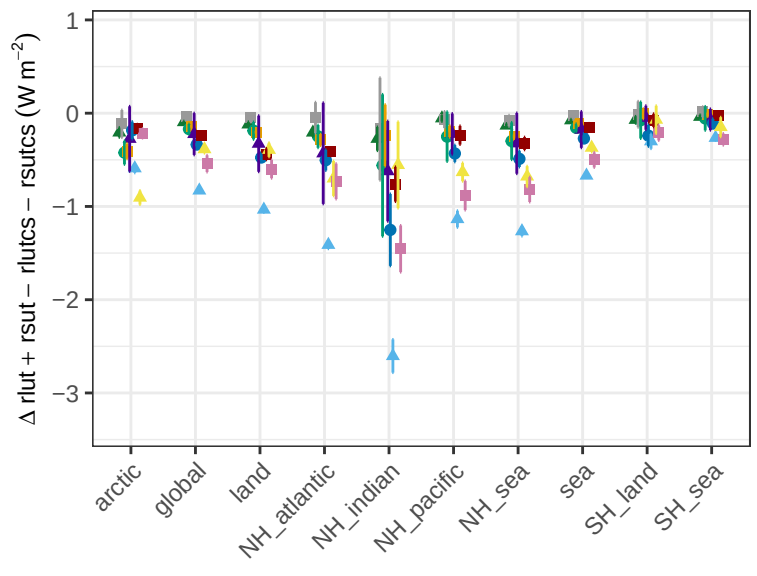
upwelling clear−sky shortwave flux at TOA − so2−at−height



clear−sky net radiative flux at TOA − so2−at−height



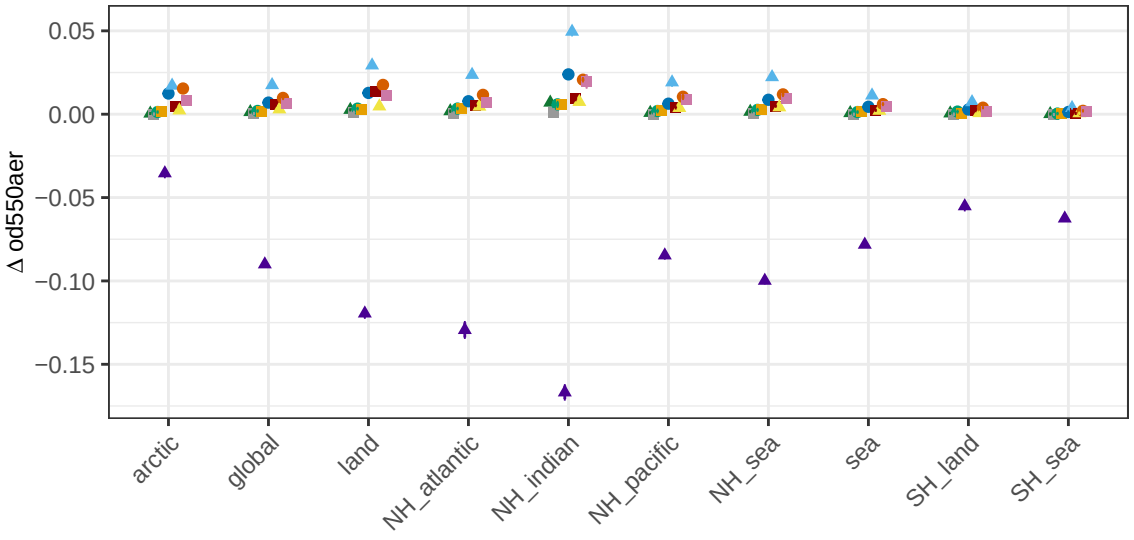
implied cloud response at TOA − so2−at−height



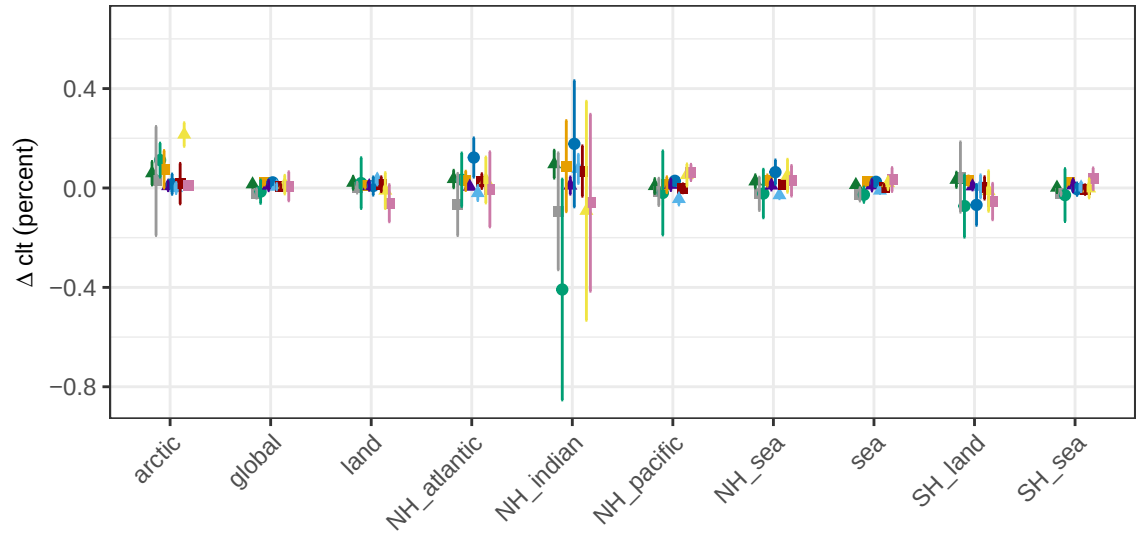
CAM−ATRAS
CESM
CESM2
E3SM
GEOS
GFDL−ESM4
GISS modelE
MIROC−SPRINTARS
NorESM2
UKESM1

Summary − absolute difference

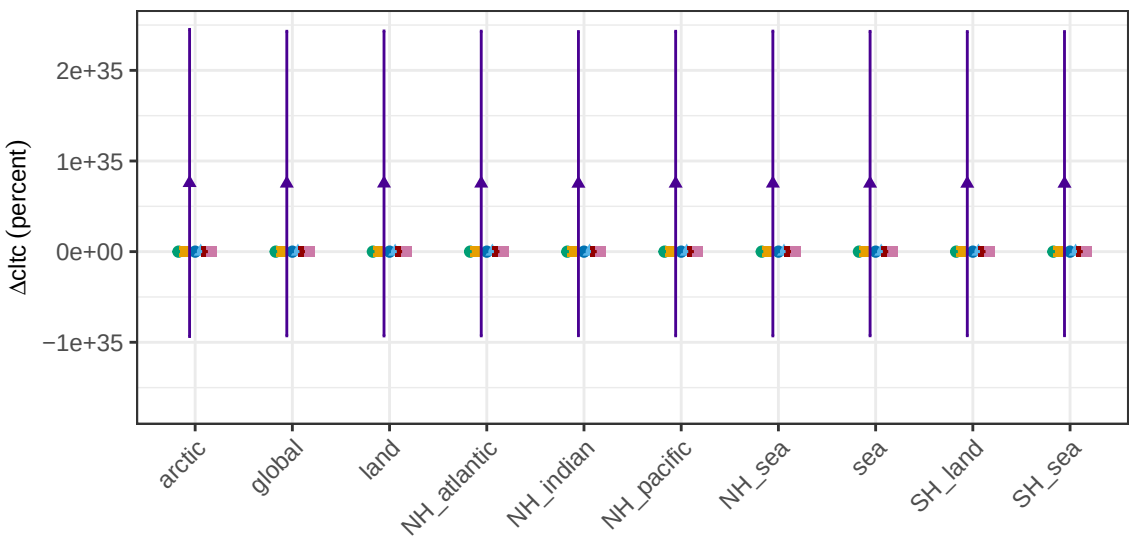
ambient aerosol optical thickness at 550nm − so2−at−height



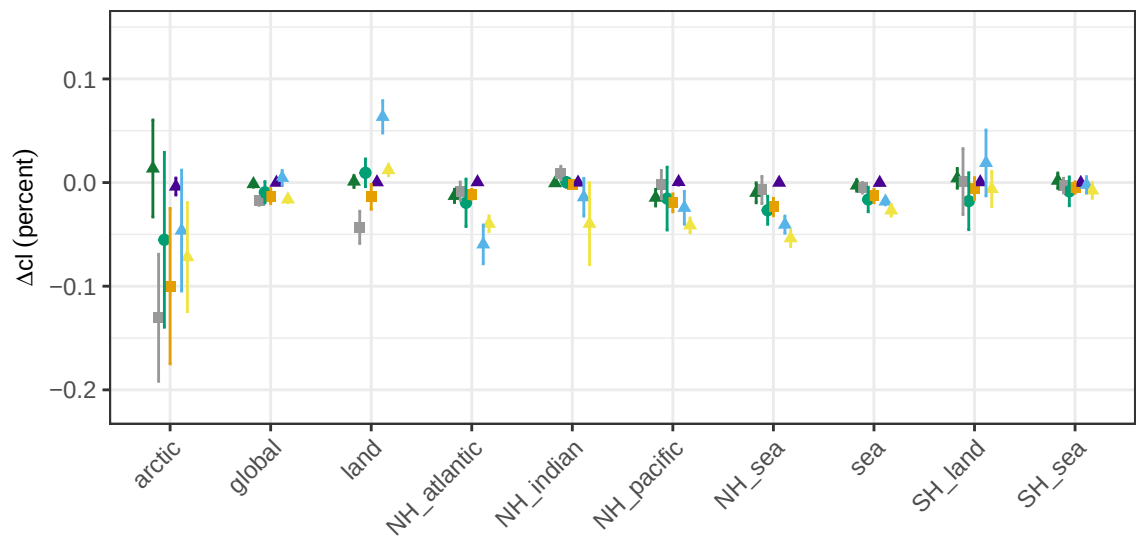
total cloud cover percentage − so2−at−height



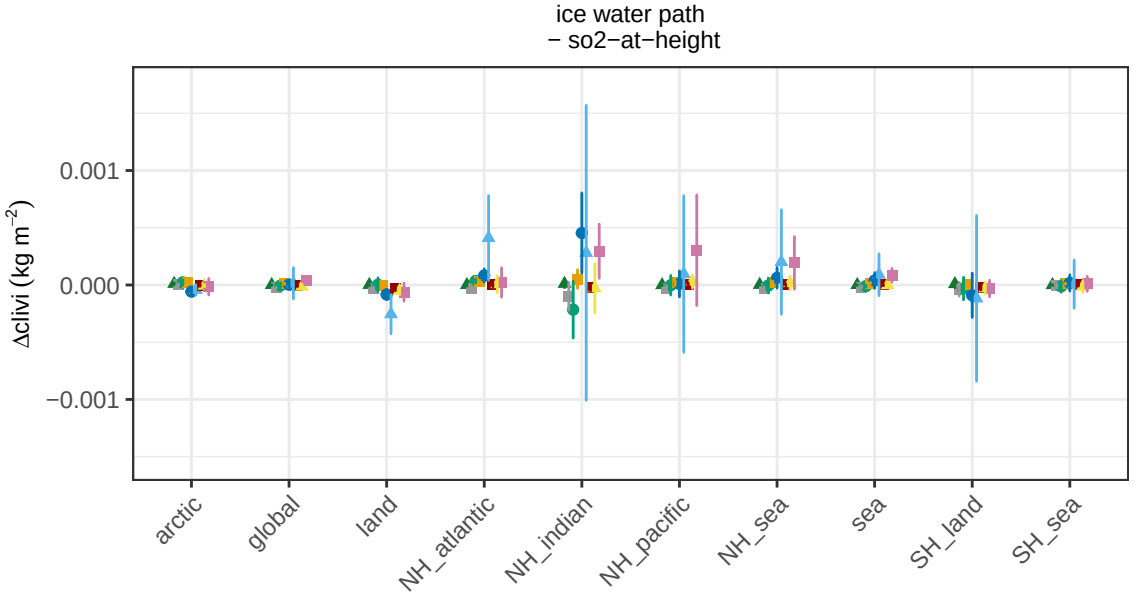
convective cloud cover percentage − so2−at−height



surface cloud cover − so2−at−height

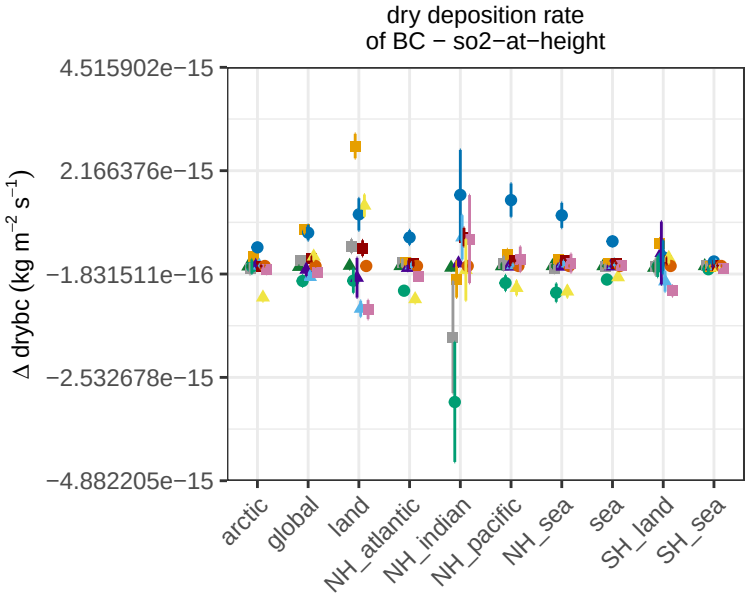


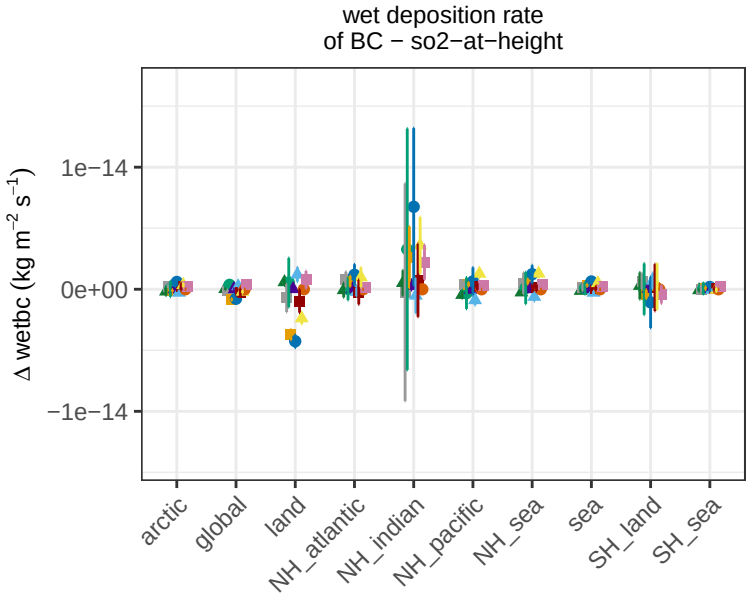
ice water path − so2−at−height

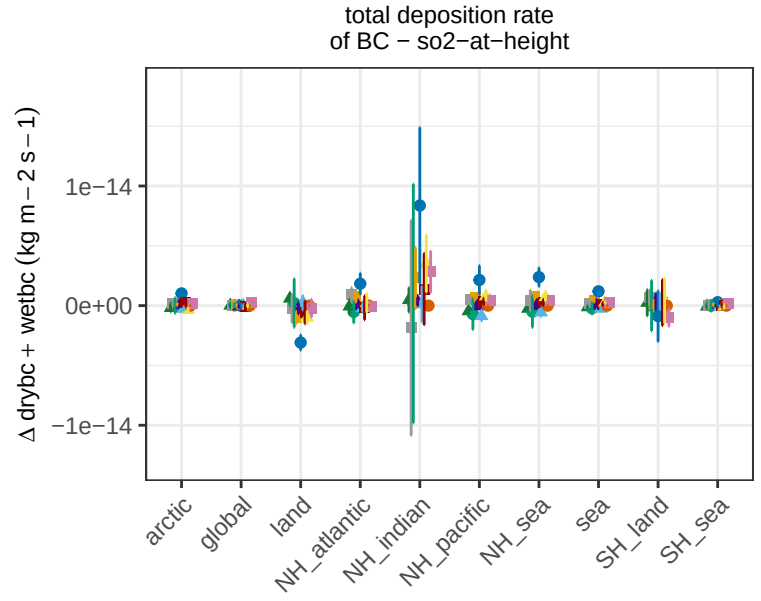


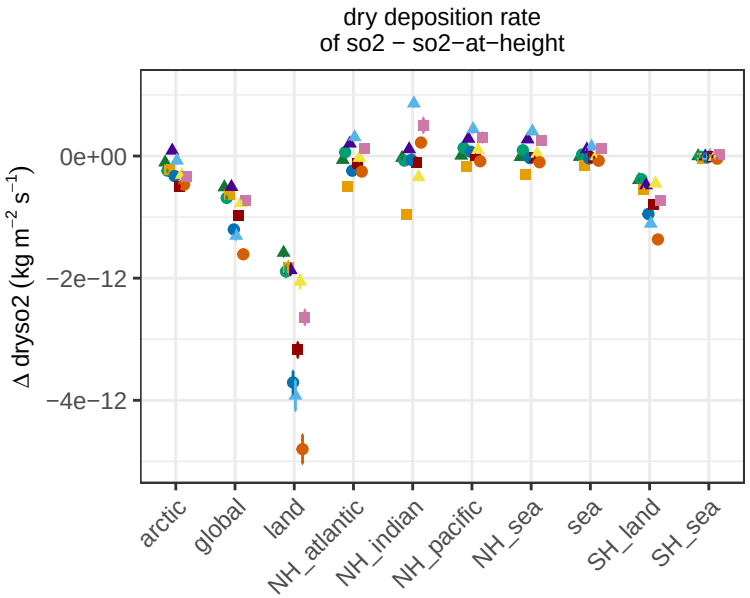
CAM−ATRAS
CESM
CESM2
E3SM
GEOS
GFDL−ESM4
GISS modelE
MIROC−SPRINTARS
NorESM2
OsloCTM3
UKESM1

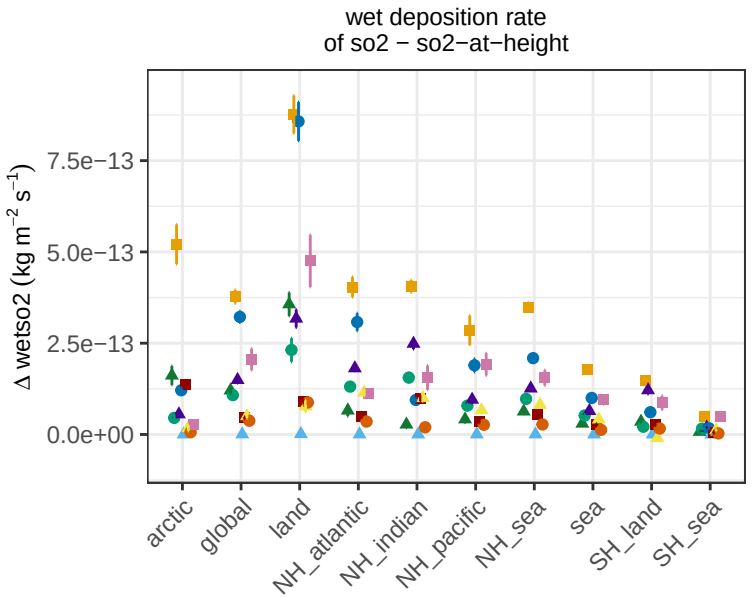
Summary − absolute difference

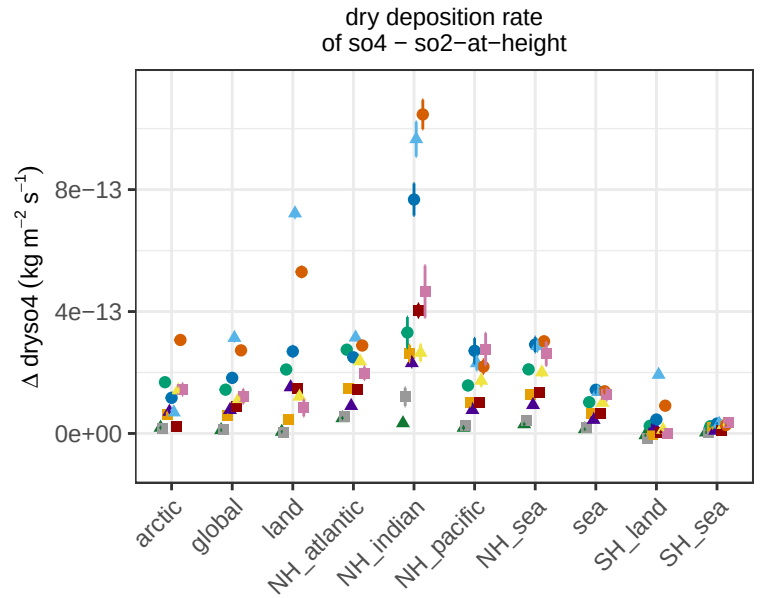


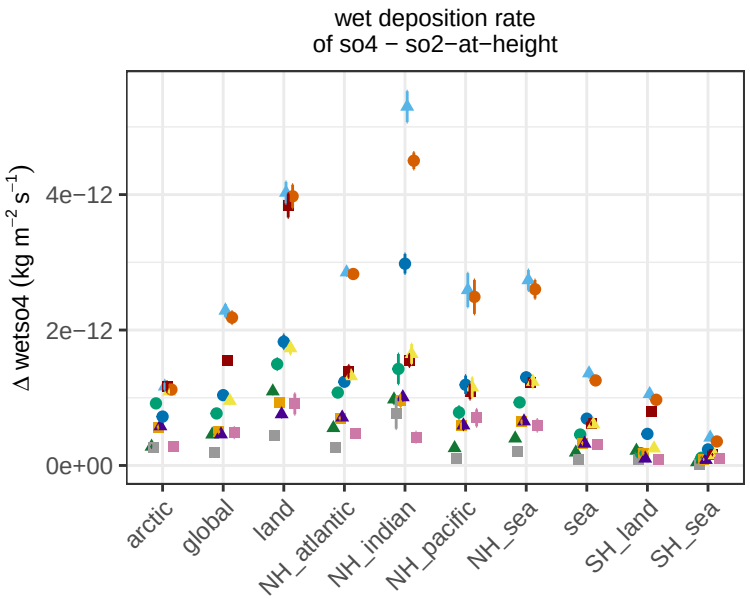


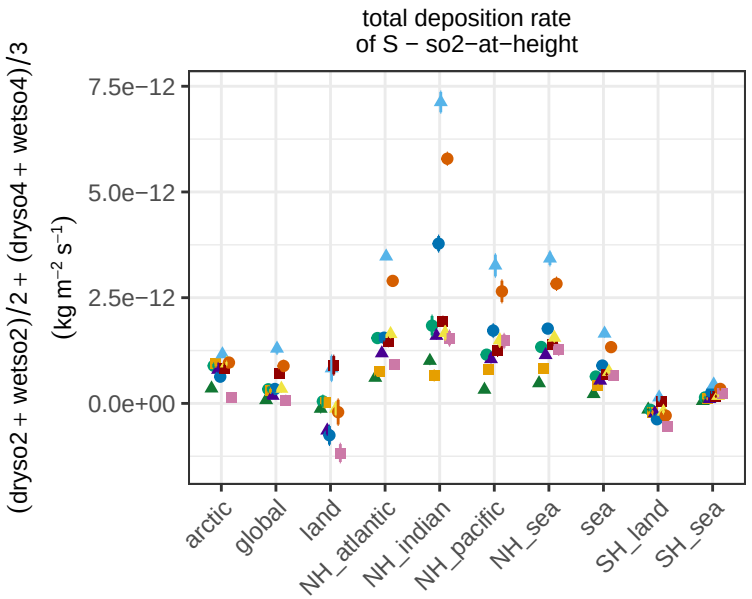












CAM−ATRAS
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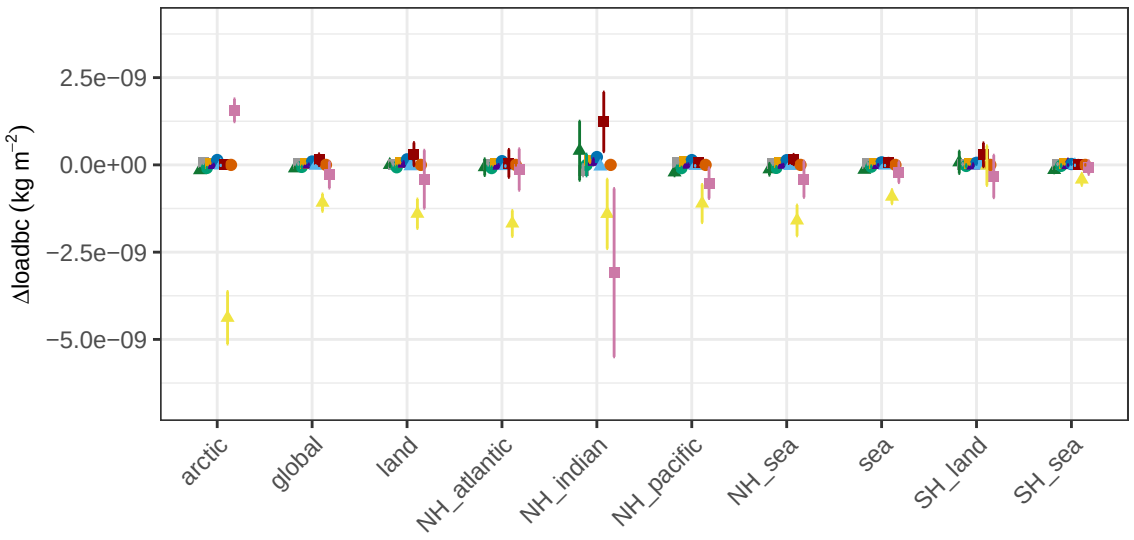
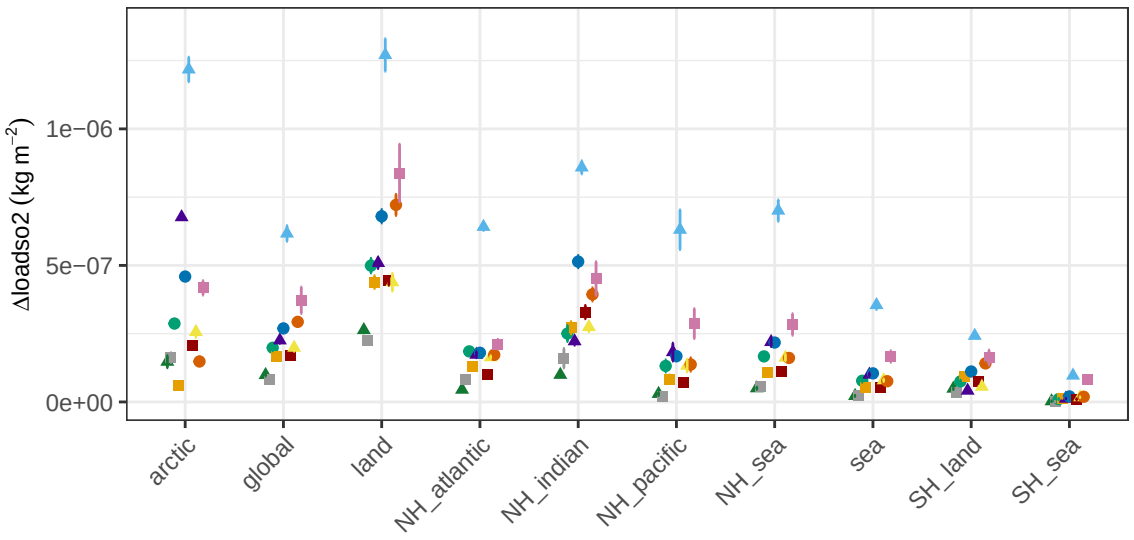
Summary − absolute difference

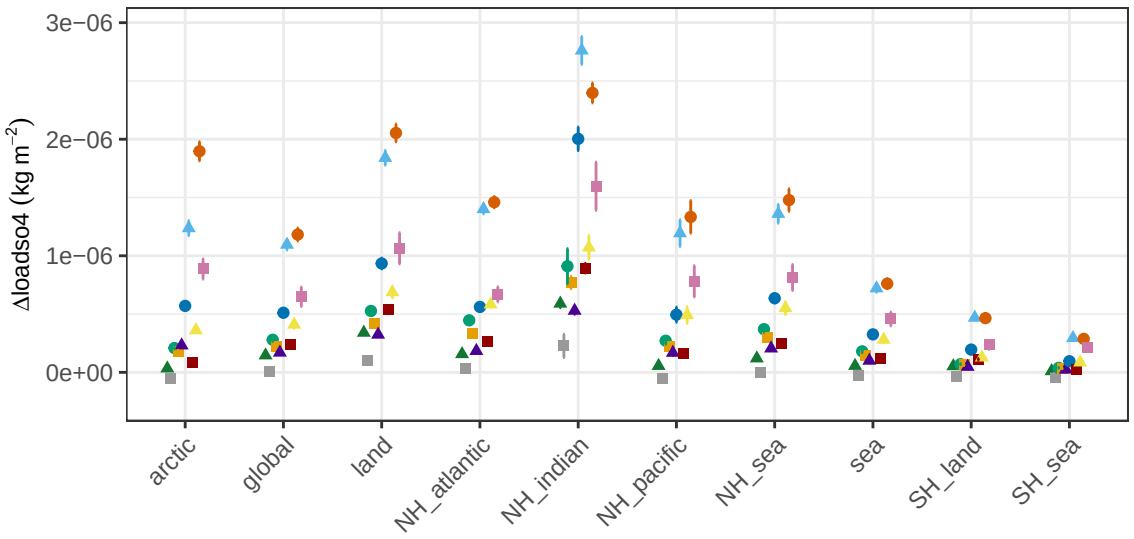
column mass burden of BC
− so2−at−height



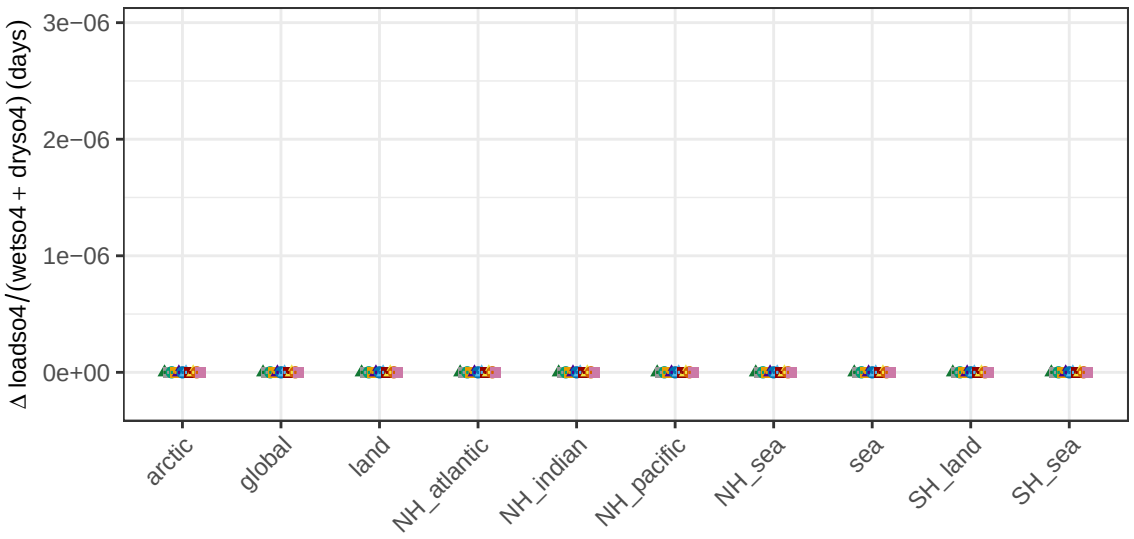
column mass burden of SO2
− so2−at−height



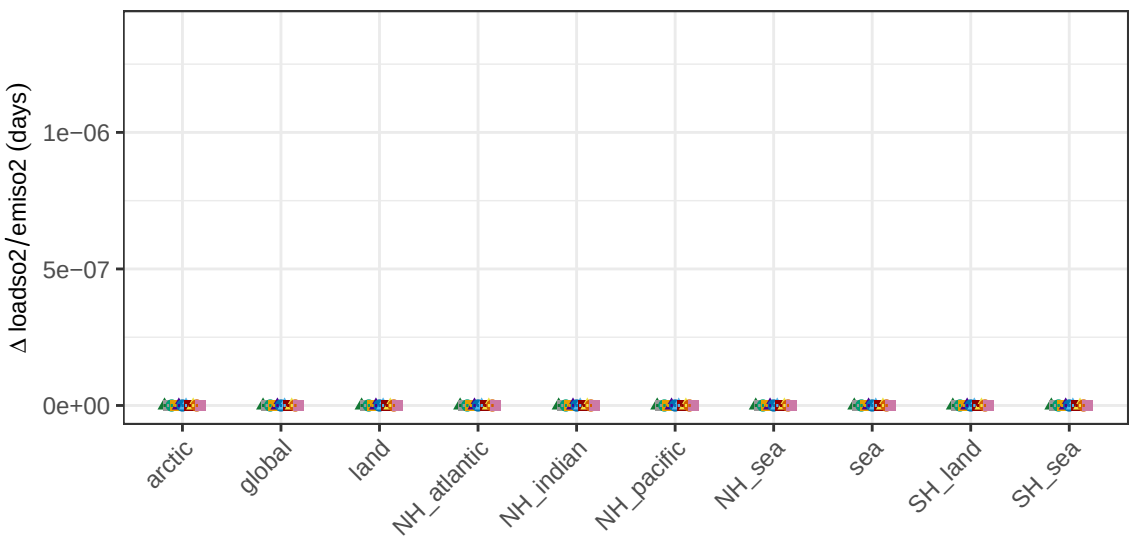
column mass burden of SO4
− so2−at−height



SO4 lifetime
− so2−at−height



SO2 timescale
− so2−at−height



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