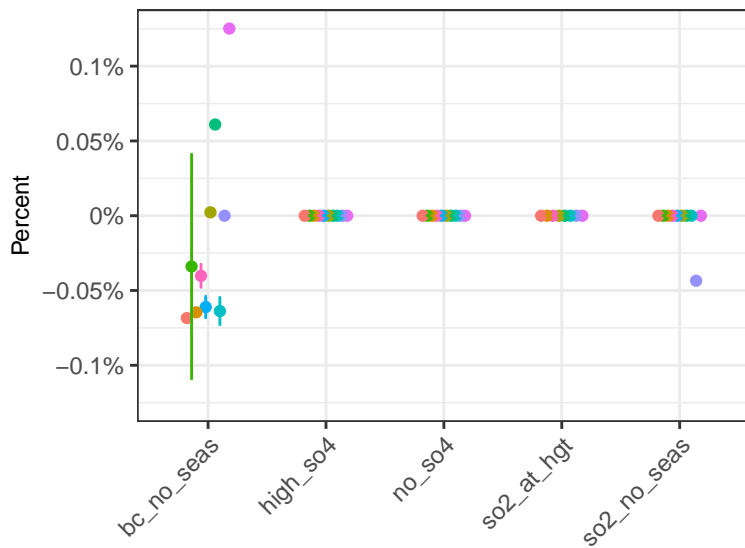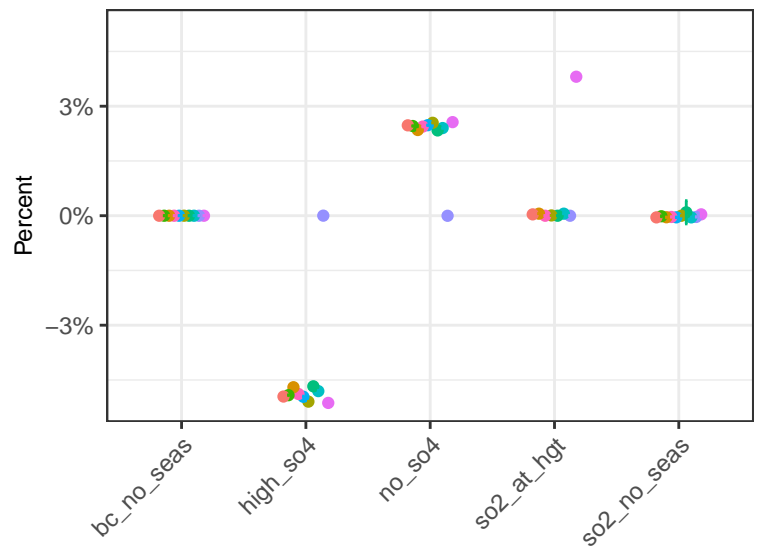Summary – percent difference

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

CESM1   E3SM   GFDL   MIROC   OsloCTM3
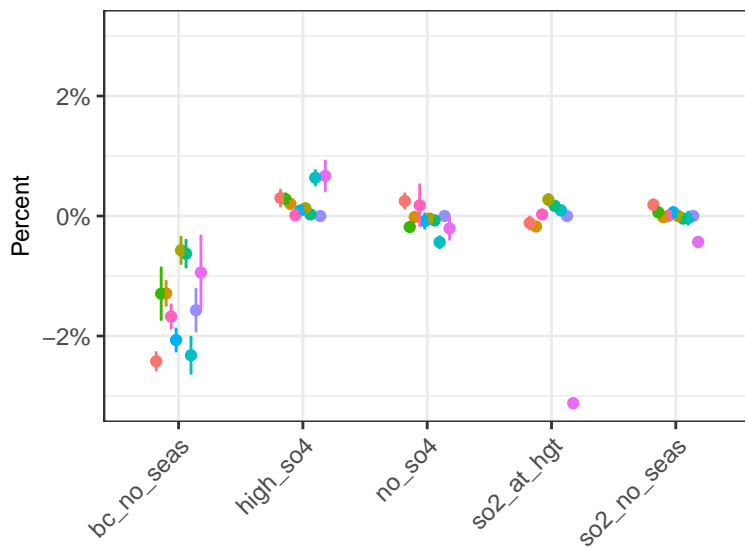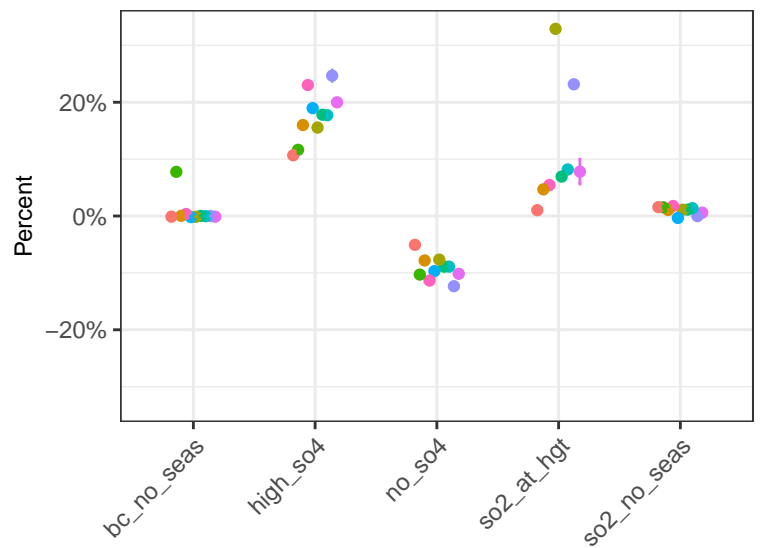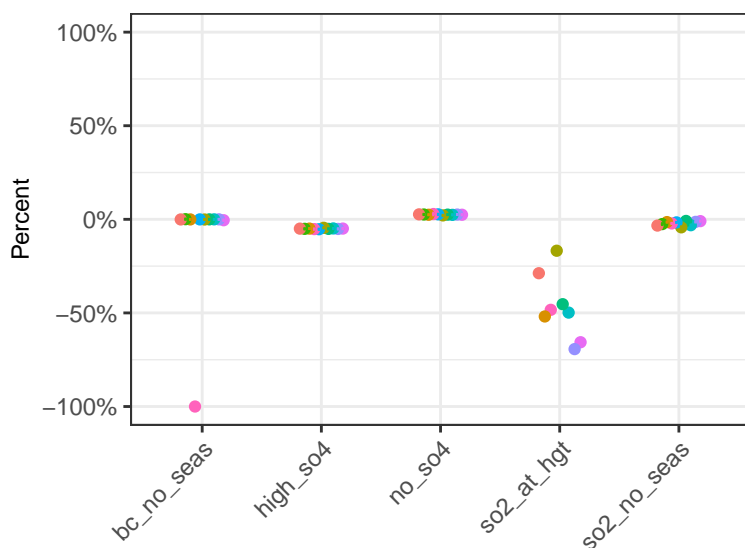CESM2   GEOS   GISS   NorESM2   UKESM

Summary – percent difference

Figure showing a grid of scatter plots comparing percent difference across experiments (bc_no_seas, high_so4, no_so4, so2_at_hgt, so2_no_seas) for multiple variables:

- upwelling longwave flux at TOA – NH-land
- upwelling shortwave 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
- ambient aerosol optical thickness at 550nm – NH-land
- total cloud cover percentage – NH-land
- convective cloud cover percentage – NH-land

Legend (models): CESM1, CESM2, E3SM, GEOS, GFDL, GISS, MIROC, NorESM2, UKESM

Summary – percent difference

dry deposition rate of BC – NH–land

wet deposition rate of BC – NH–land

total deposition rate of BC – NH–land

dry deposition rate of SO2 – NH–land

wet deposition rate of SO2 – NH–land

dry deposition rate of SO4 – NH–land

wet deposition rate of SO4 – NH–land

total deposition rate of S – NH–land

CESM1   E3SM   GFDL   MIROC   OsloCTM3
CESM2   GEOS   GISS   NorESM2   UKESM