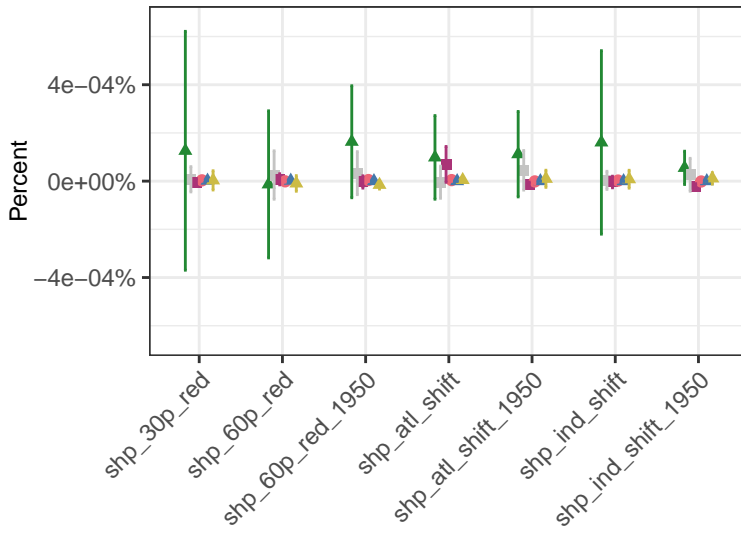
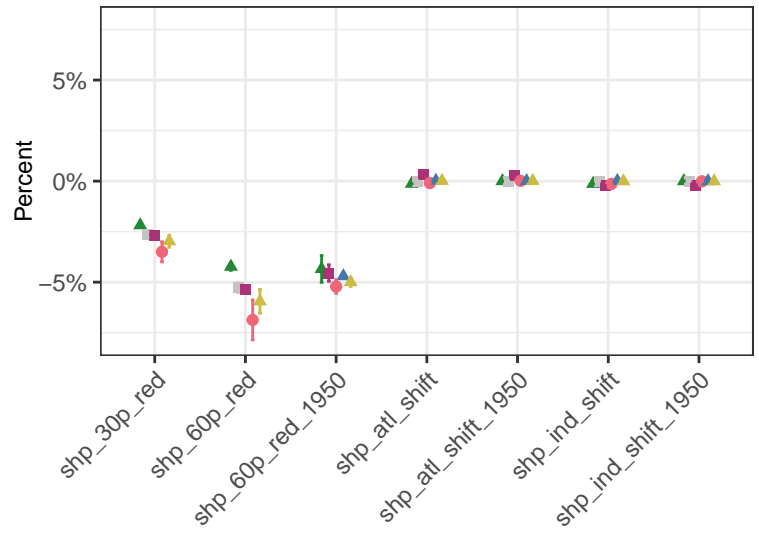


Summary – percent difference

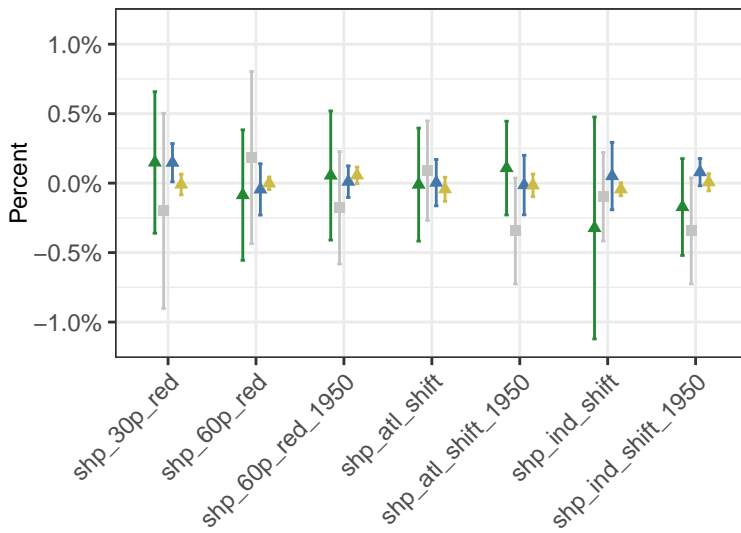
surface flux of BC – arctic



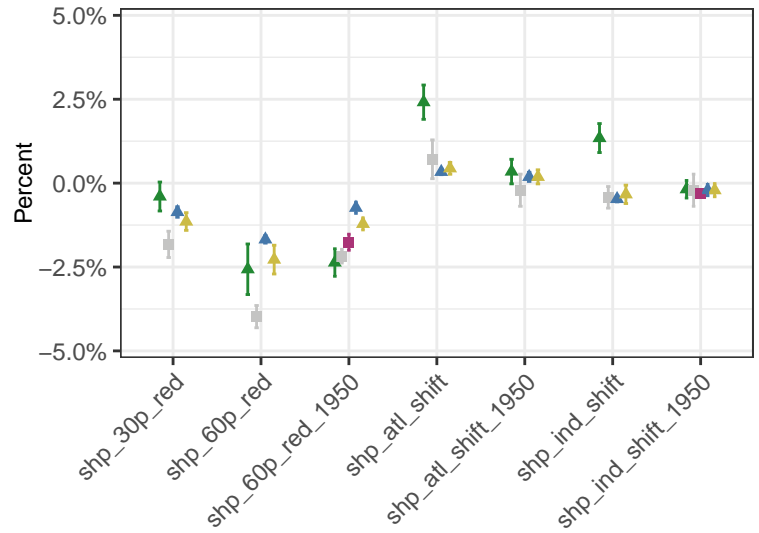
surface flux of SO2 – arctic



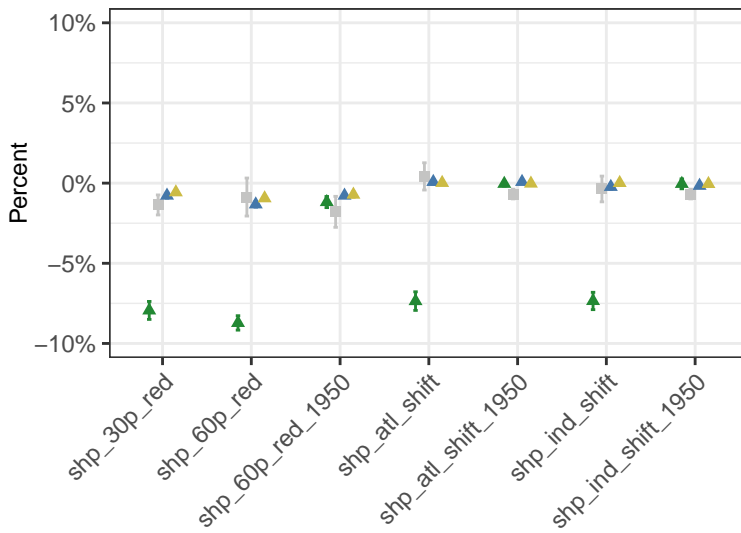
surface concentration of BC – arctic



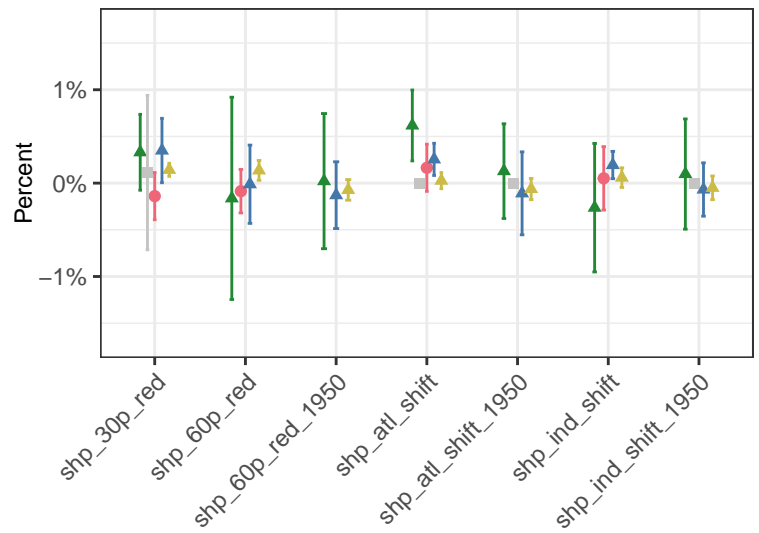
surface concentration of SO4 – arctic



surface concentration of SO2 – arctic

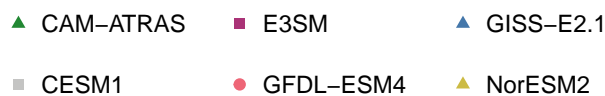
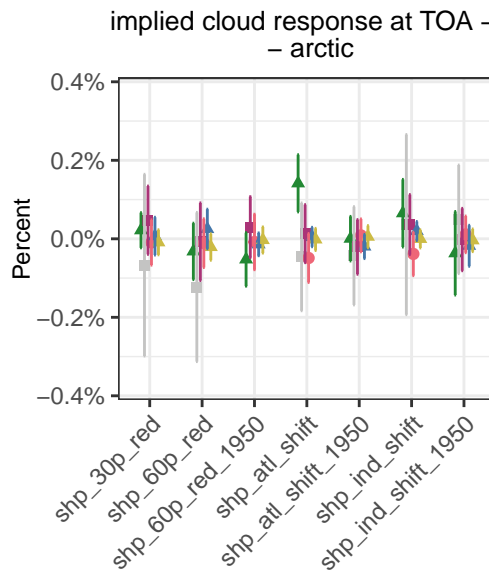
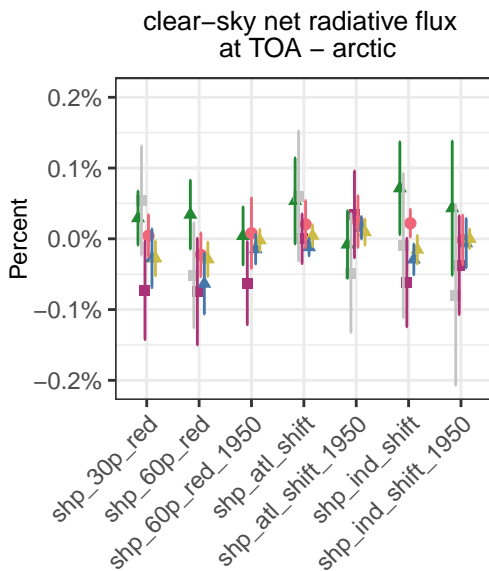
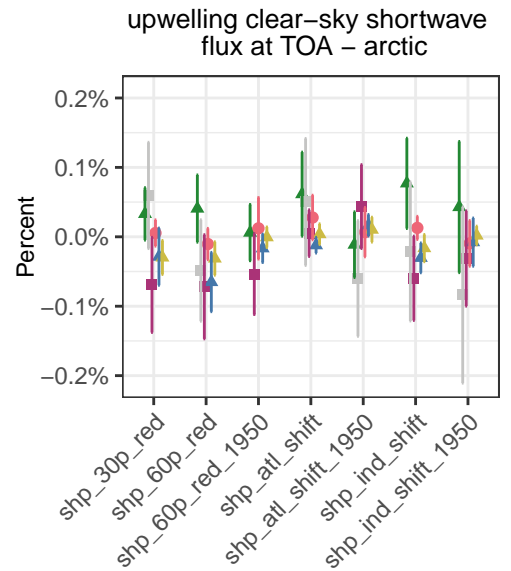
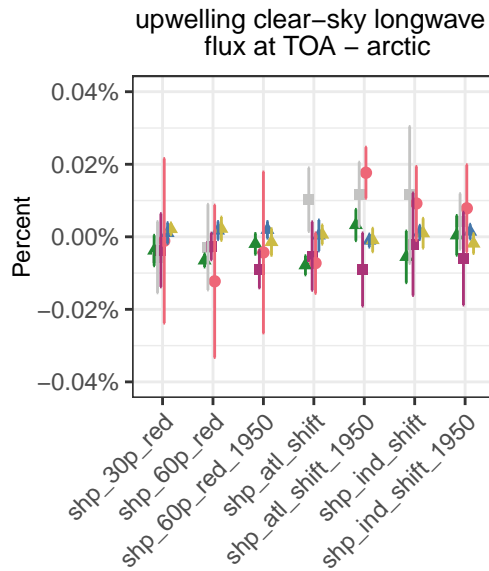
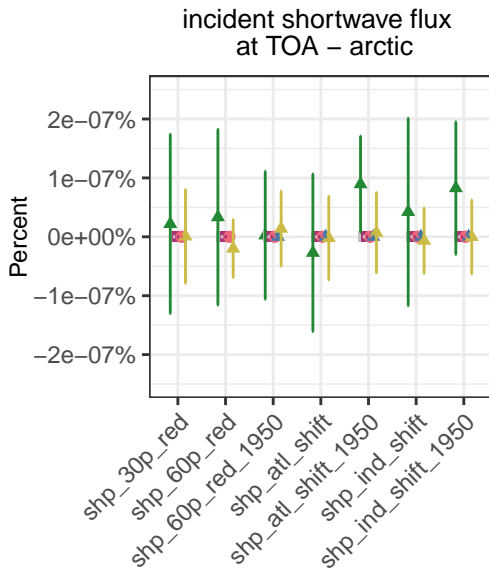
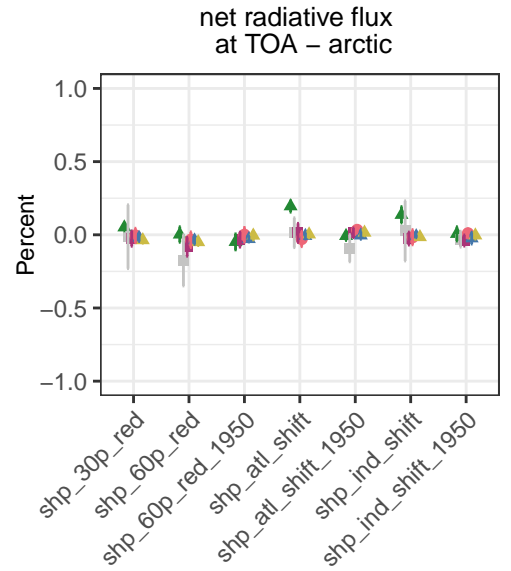
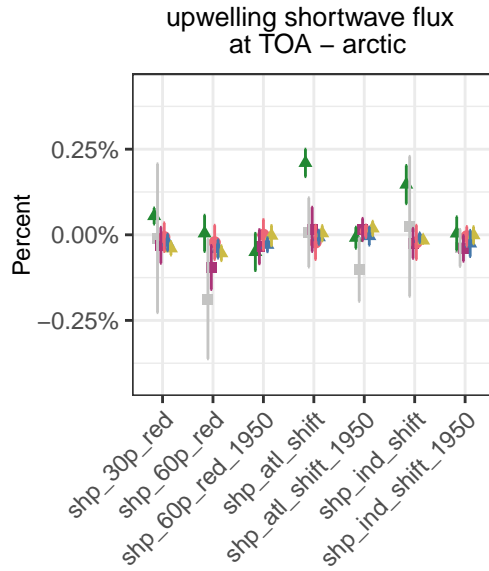
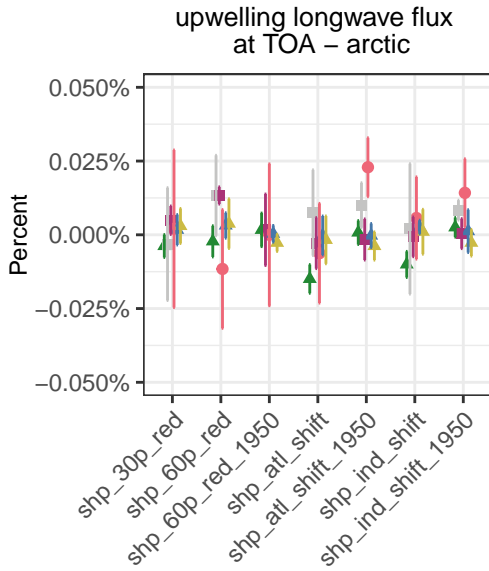


Dimethyl sulphide (DMS) mole fraction – arctic



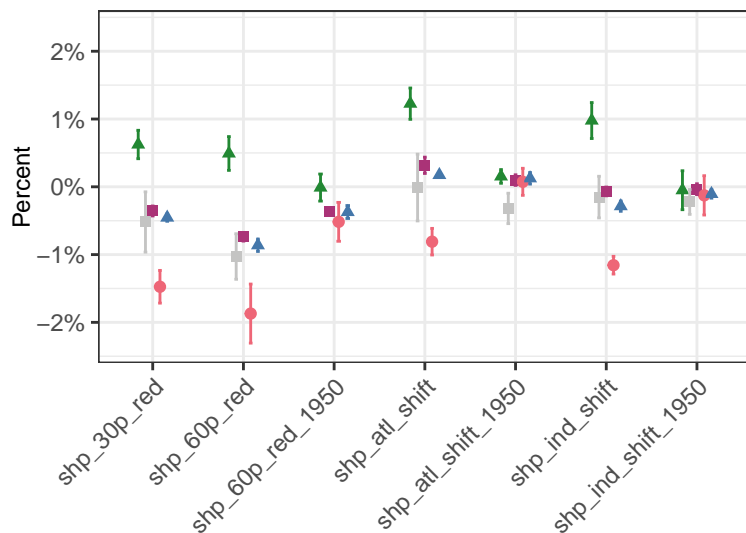
▲ CAM-ATRAS ■ E3SM ▲ GISS-E2.1
■ CESM1 ● GFDL-ESM4 ▲ NorESM2

Summary – percent difference

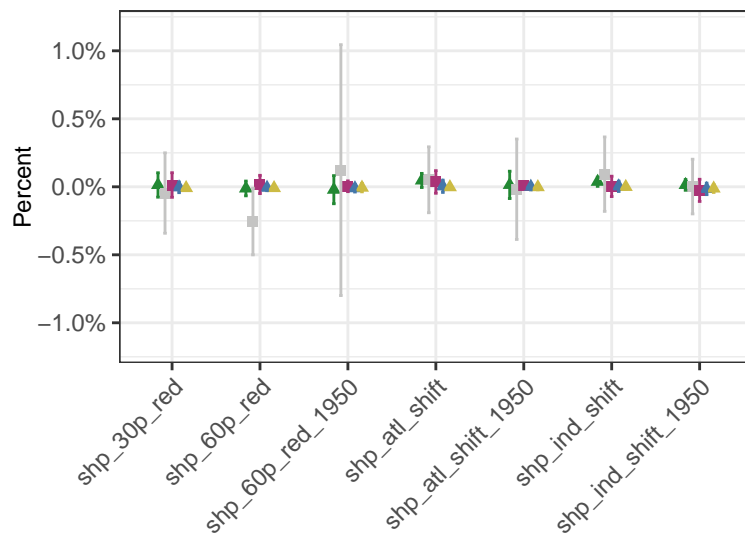


Summary – percent difference

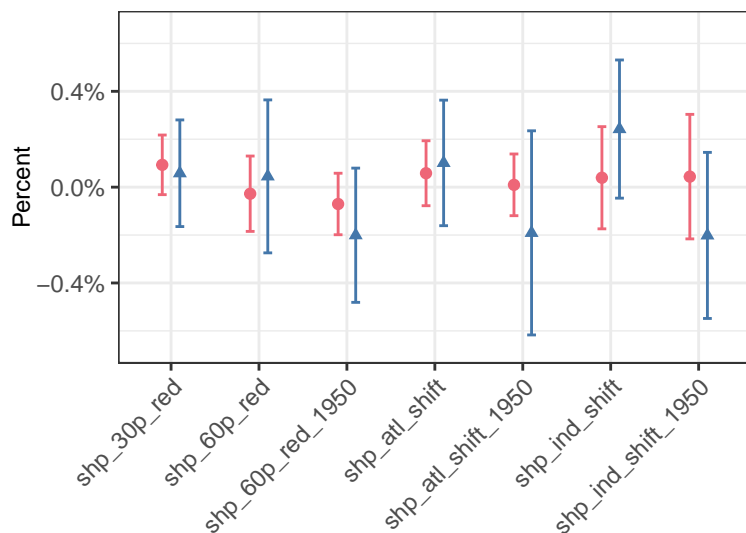
ambient aerosol optical
thickness at 550nm – arctic



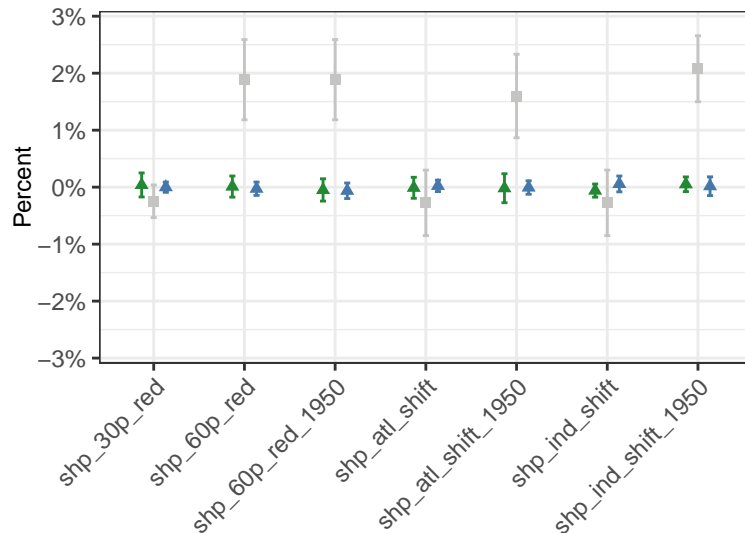
total cloud cover
percentage – arctic



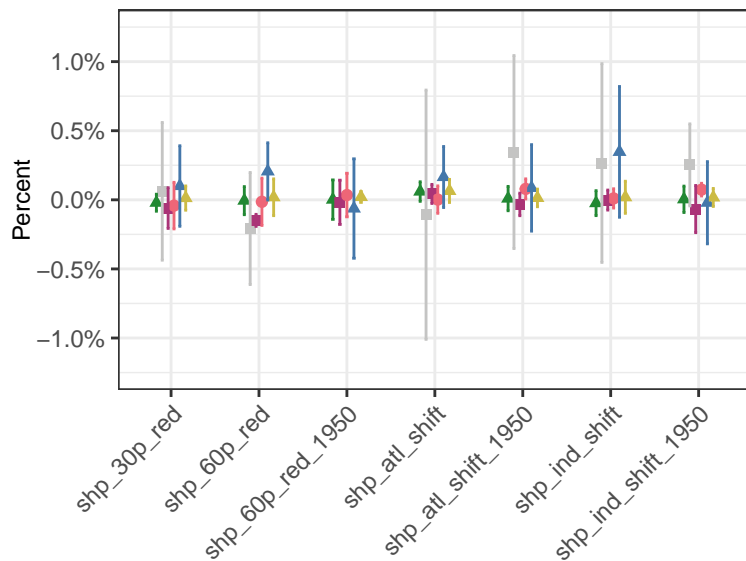
convective cloud cover
percentage – arctic



cloud cover
percentage – arctic

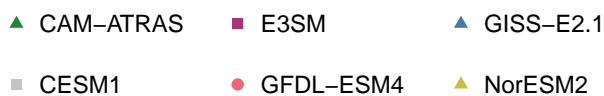
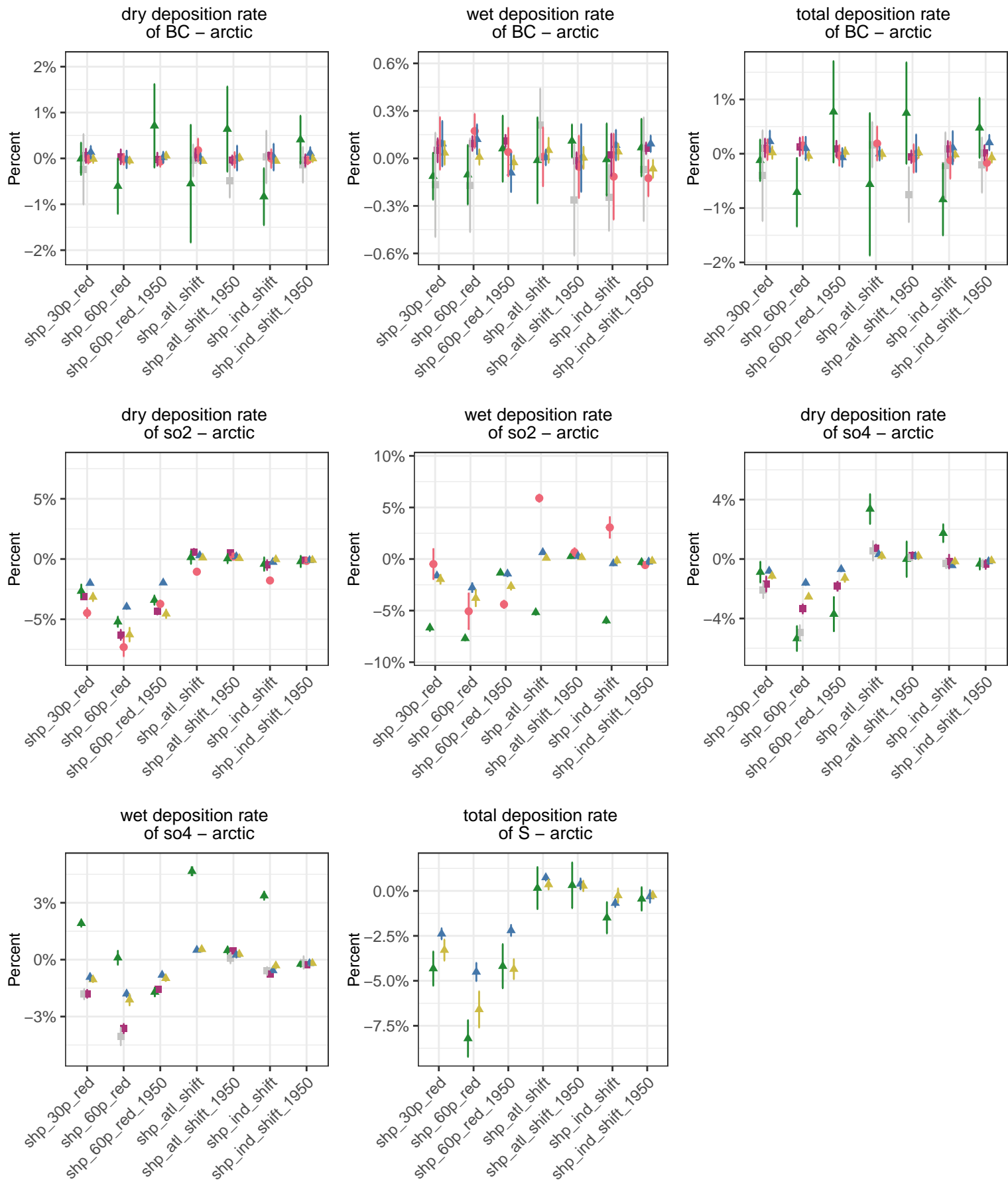


Ice water path – arctic

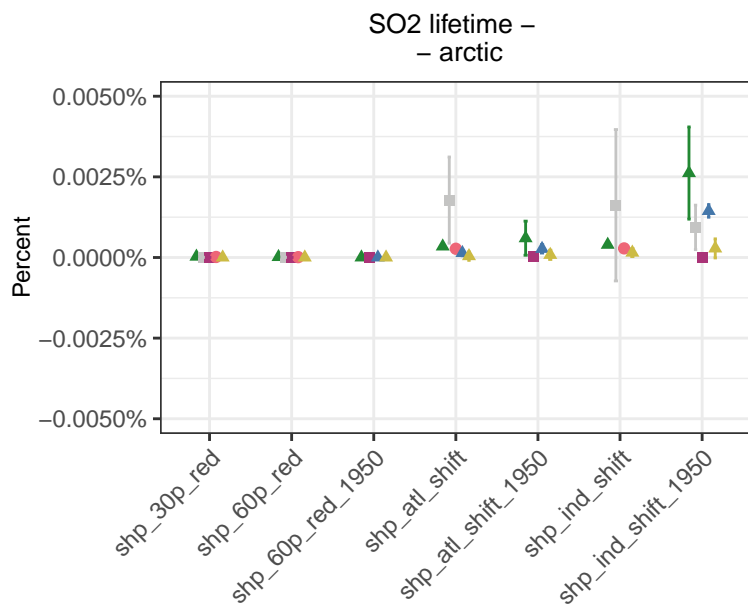
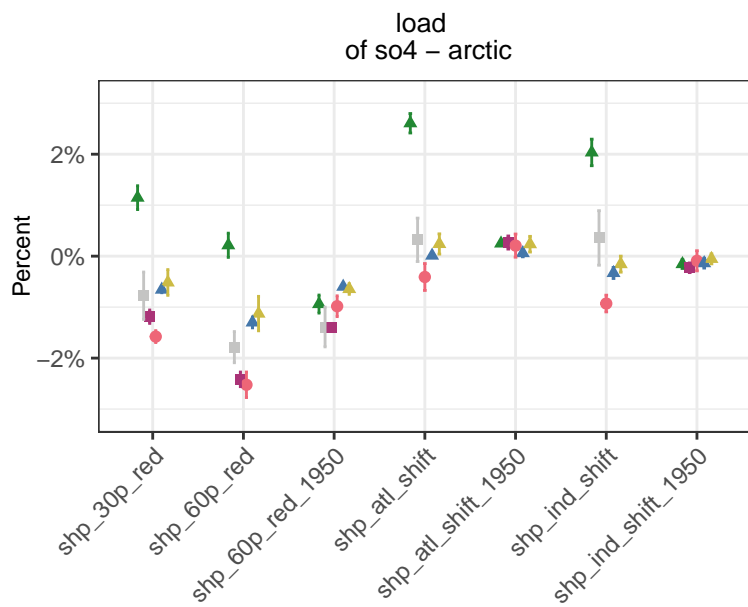
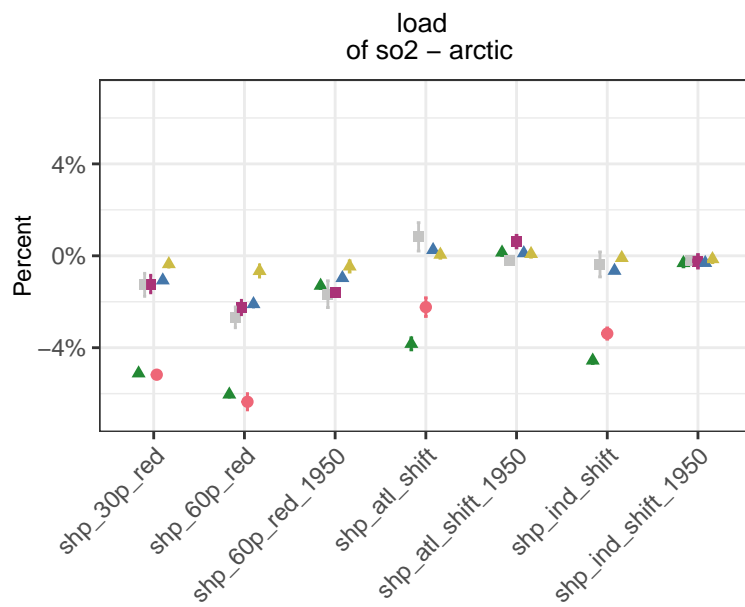
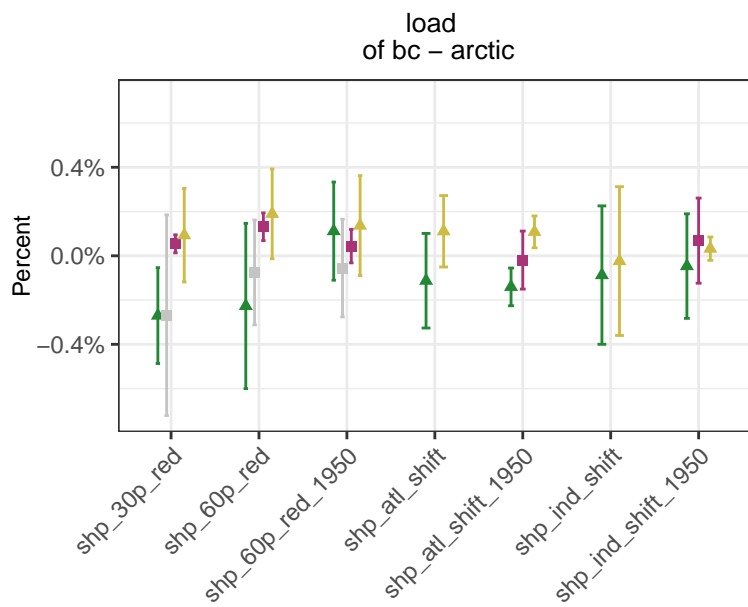


▲ CAM-ATRAS ■ CESM1 ■ E3SM ● GFDL-ESM4 ▲ GISS-E2.1

Summary – percent difference



Summary – percent difference



▲ CAM-ATRAS ■ CESM1 ■ E3SM ▲ NorESM2