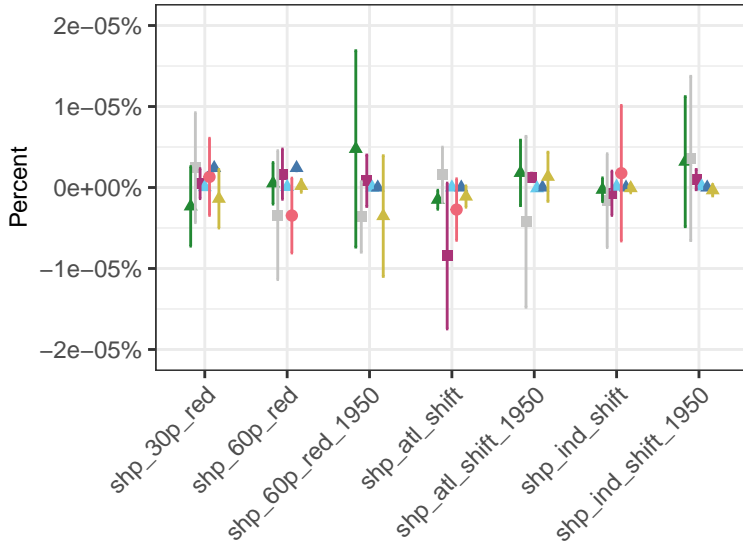
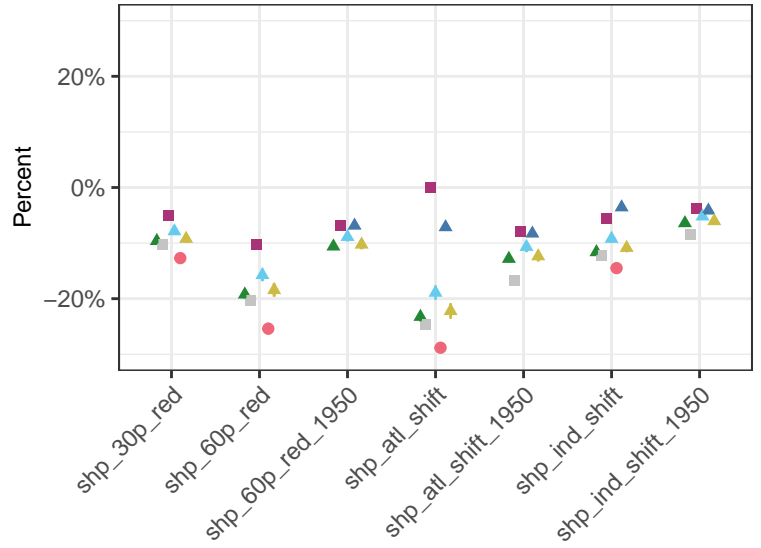


Summary – percent difference

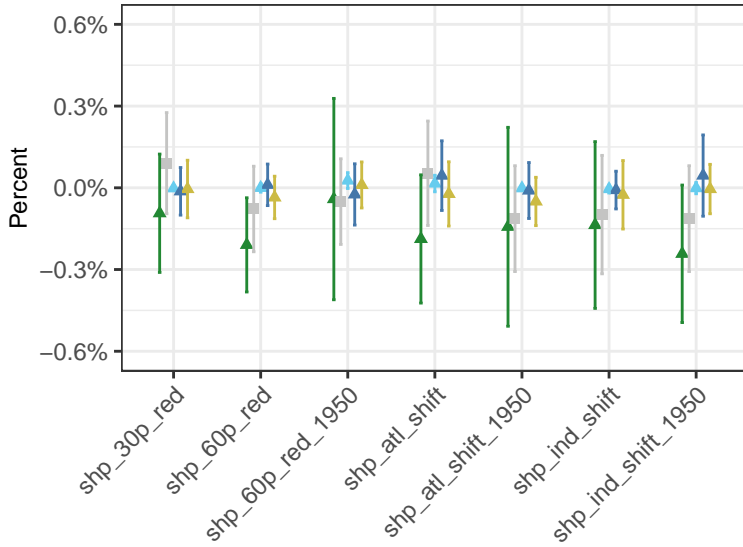
surface flux of BC – NH–pacific



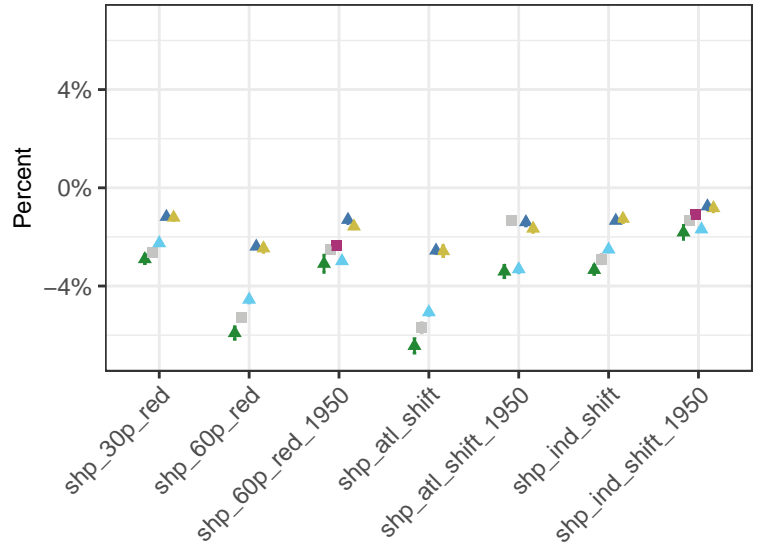
surface flux of SO2 – NH–pacific



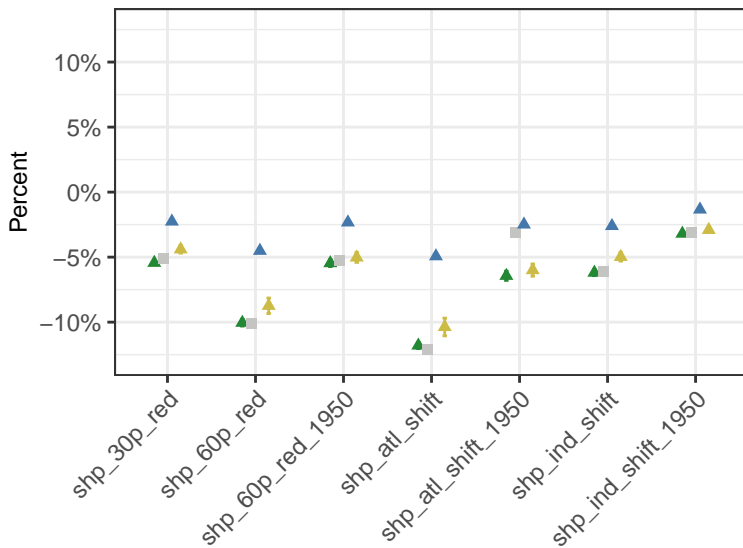
surface concentration of BC – NH–pacific



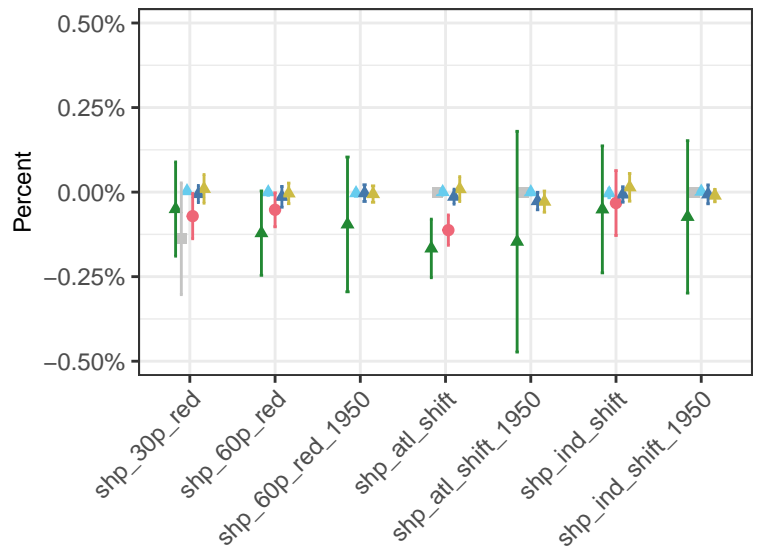
surface concentration of SO4 – NH–pacific



surface concentration of SO2 – NH–pacific

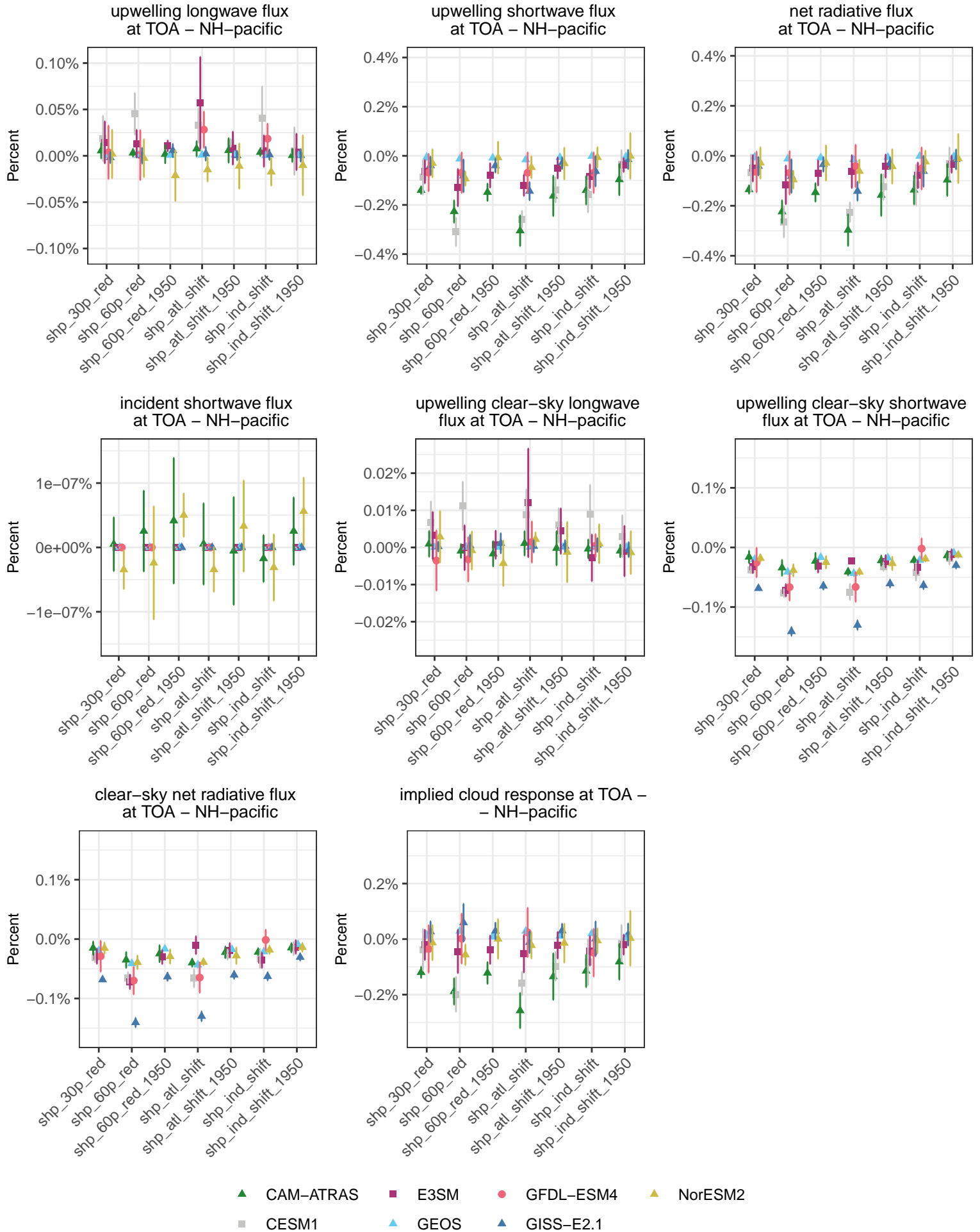


Dimethyl sulphide (DMS) mole fraction – NH–pacific



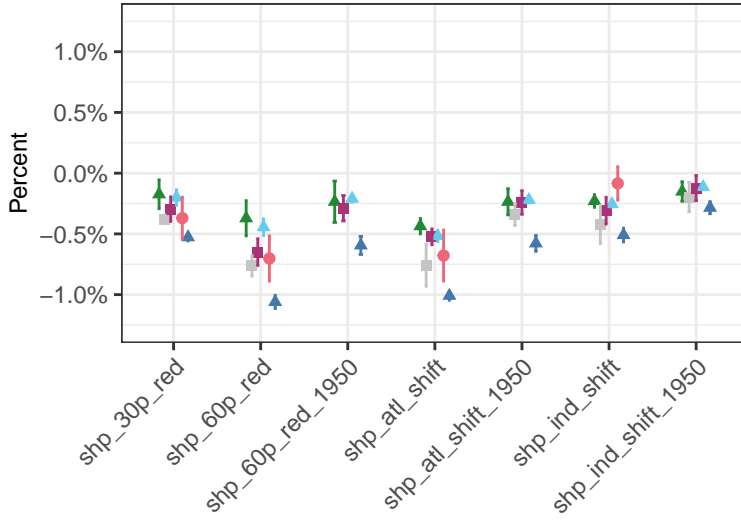
▲ CAM-ATRAS ■ E3SM ● GFDL-ESM4 ▲ NorESM2
■ CESM1 ▲ GEOS ▲ GISS-E2.1

Summary – percent difference

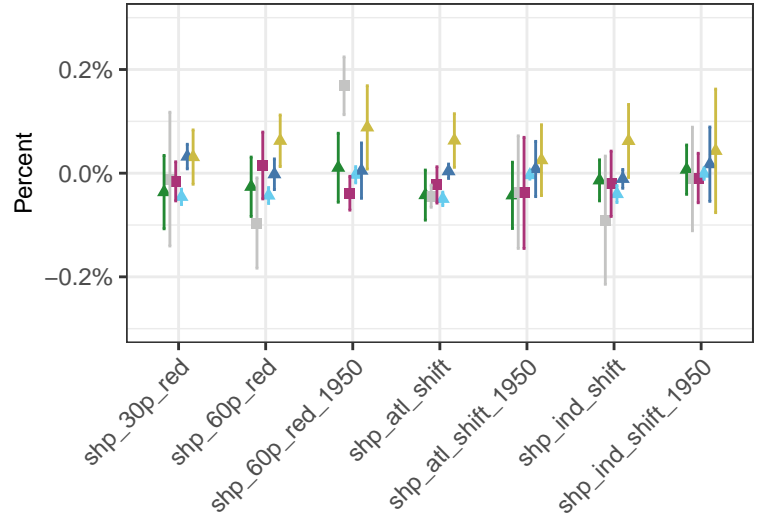


Summary – percent difference

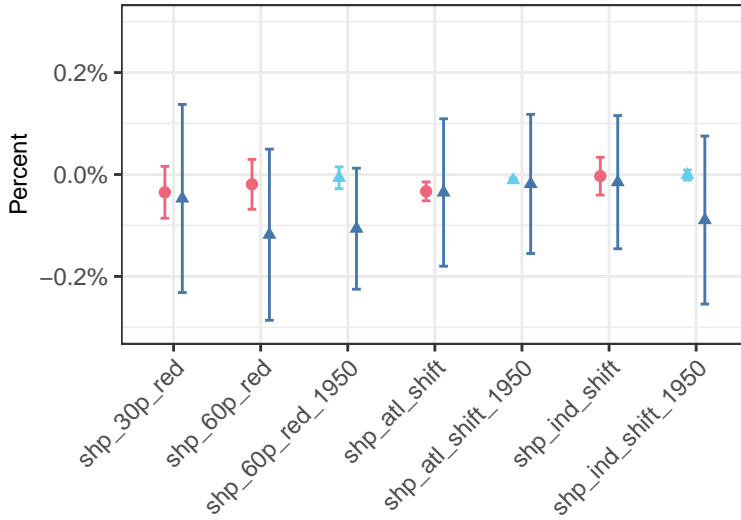
ambient aerosol optical
thickness at 550nm – NH–pacific



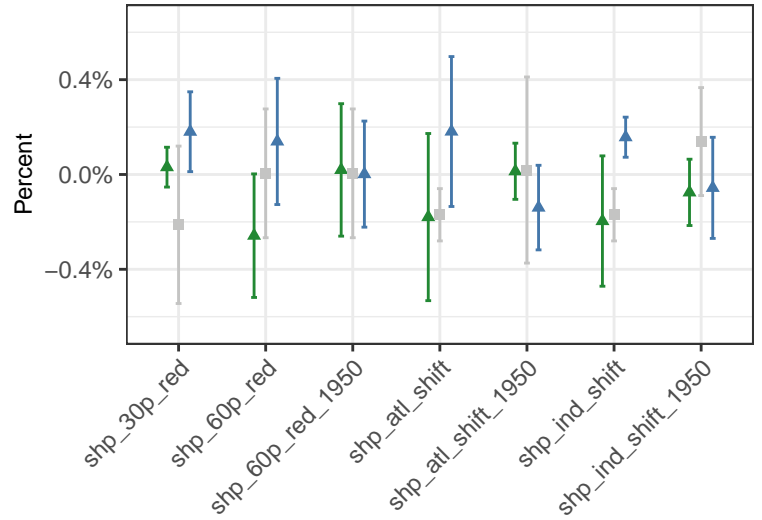
total cloud cover
percentage – NH–pacific



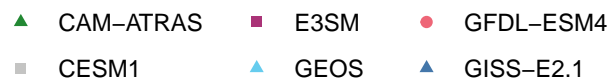
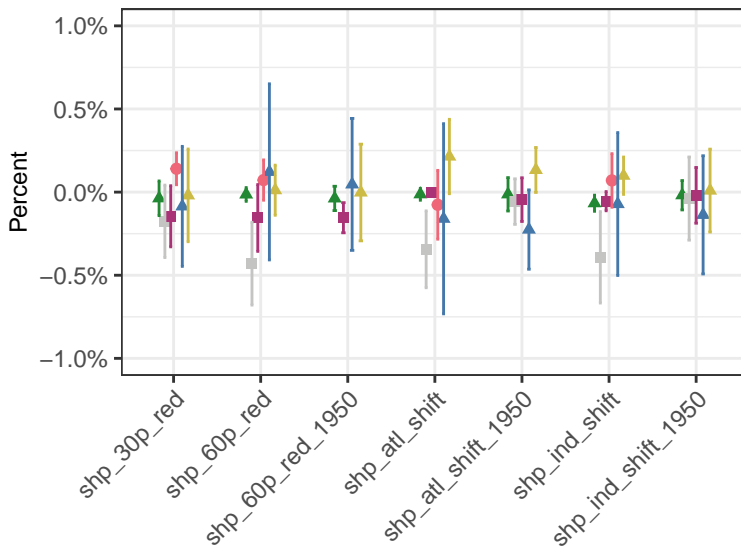
convective cloud cover
percentage – NH–pacific



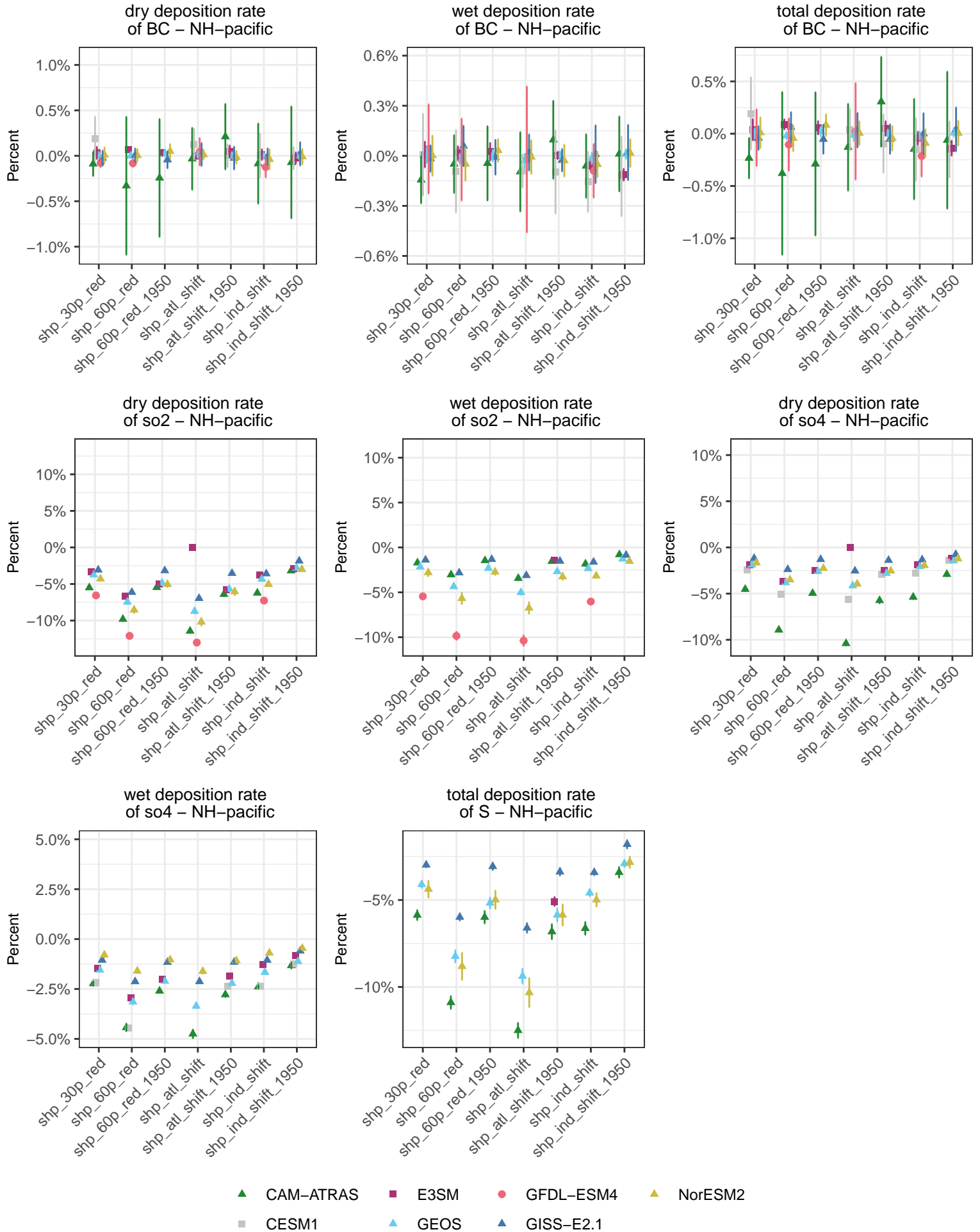
cloud cover
percentage – NH–pacific



Ice water path – NH–pacific

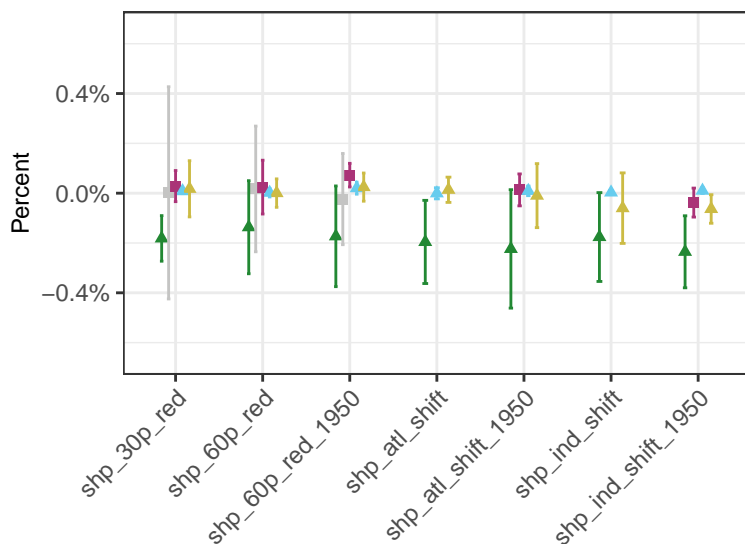


Summary – percent difference

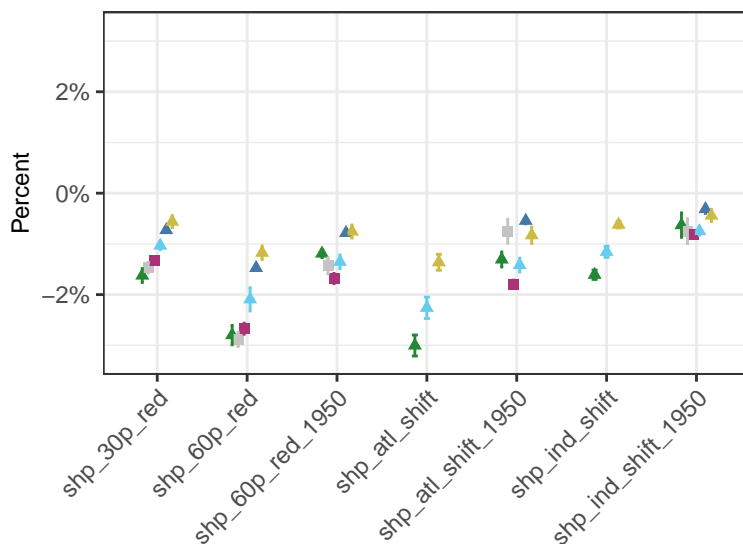


Summary – percent difference

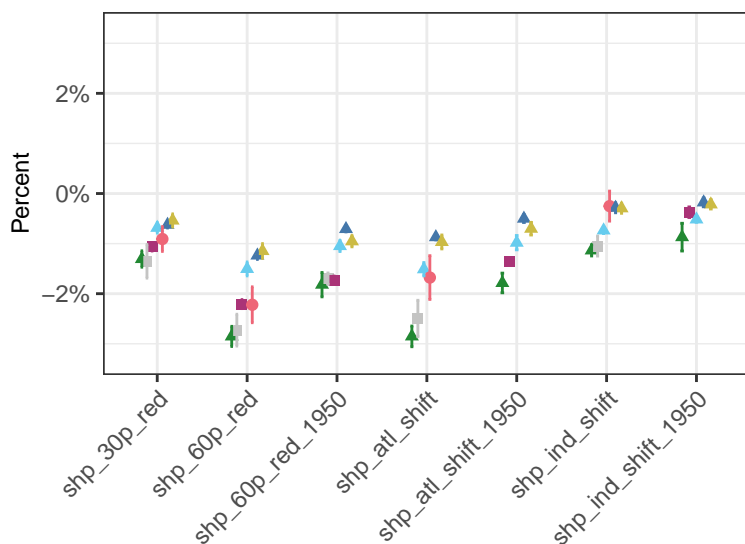
load
of bc – NH–pacific



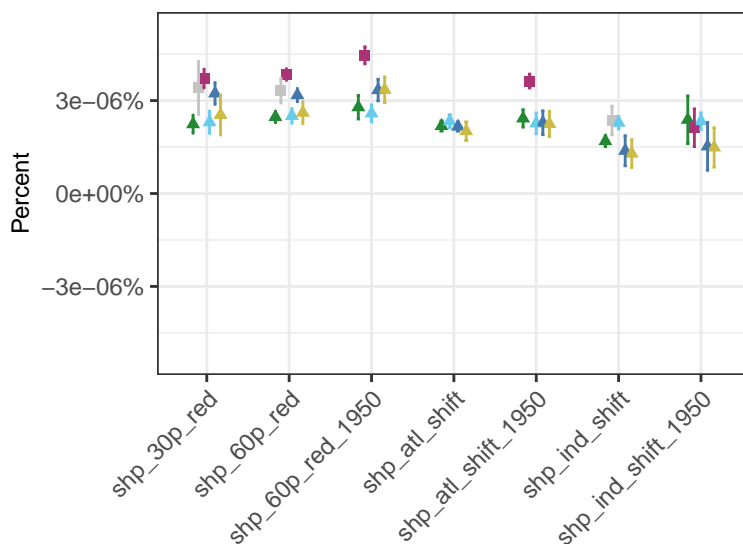
load
of so2 – NH–pacific



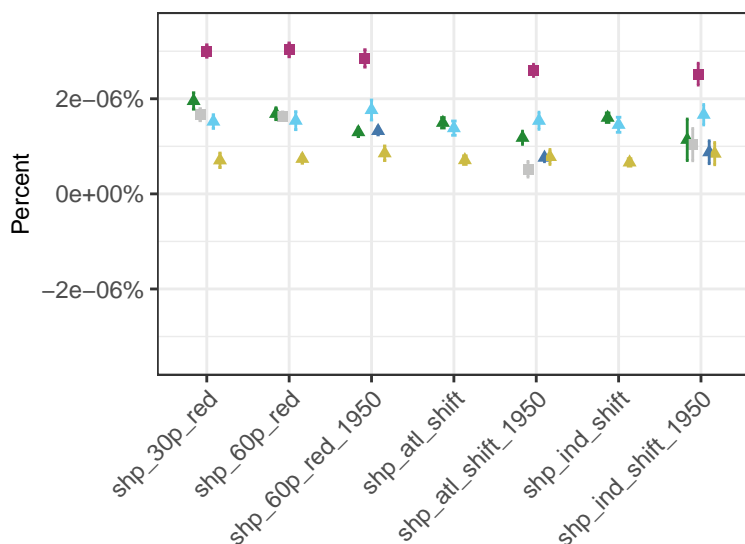
load
of so4 – NH–pacific



SO4 lifetime –
– NH–pacific



SO2 lifetime –
– NH–pacific



▲ CAM-ATRAS ■ CESM1 ■ E3SM ▲ GEOS ▲ NorESM2