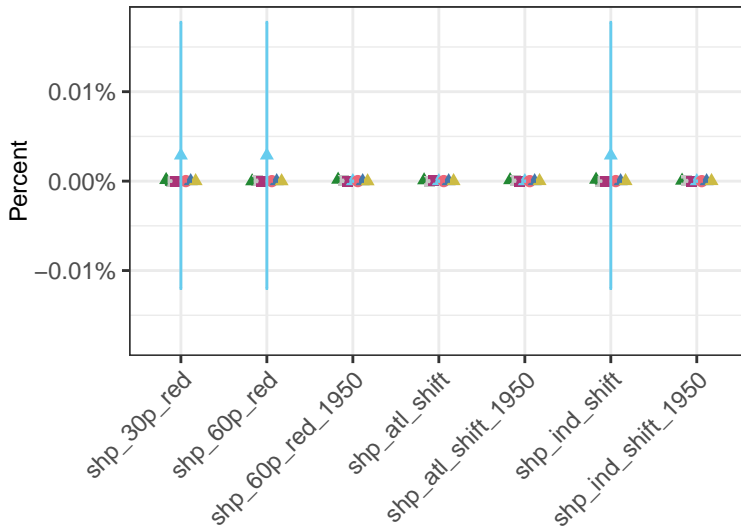
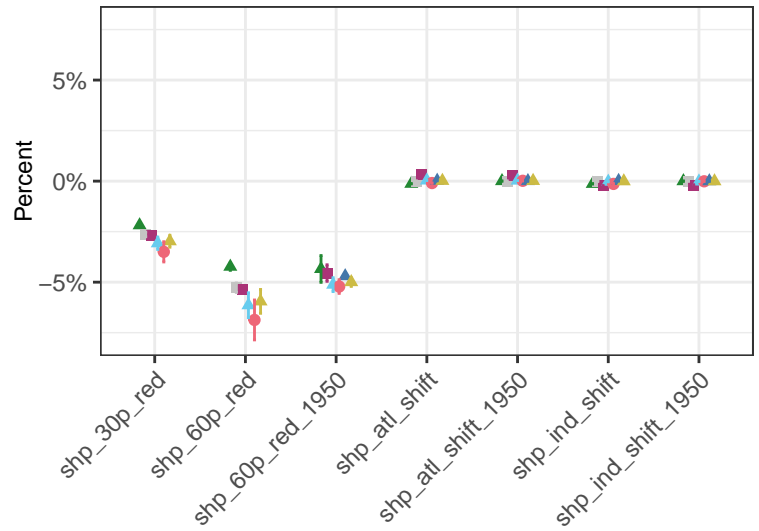


## Summary – percent difference

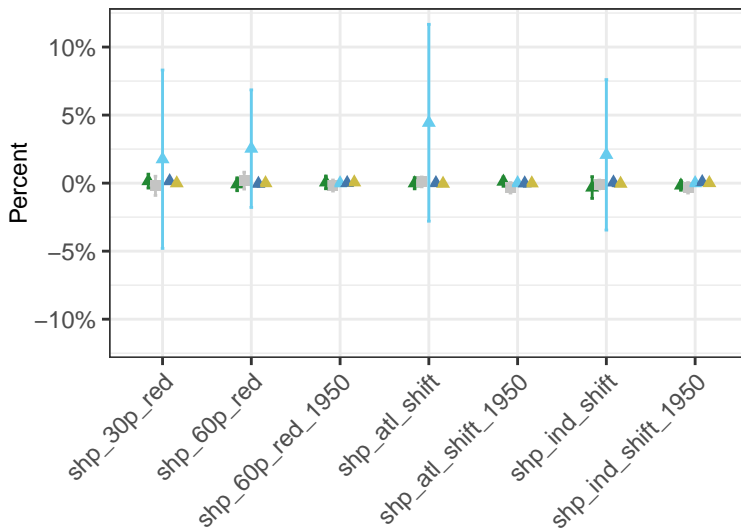
surface flux of BC – arctic



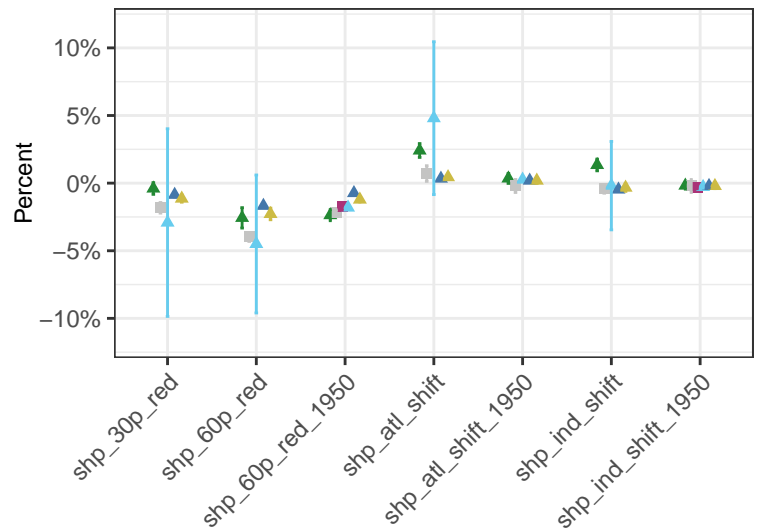
surface flux of SO2 – arctic



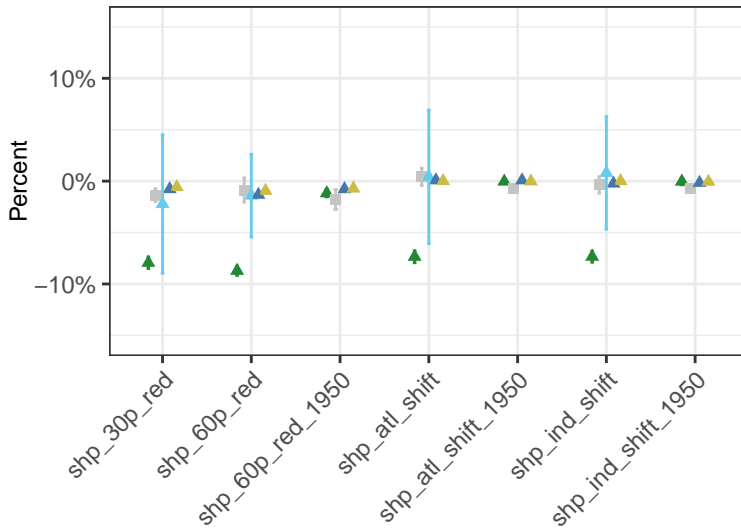
surface concentration of BC – arctic



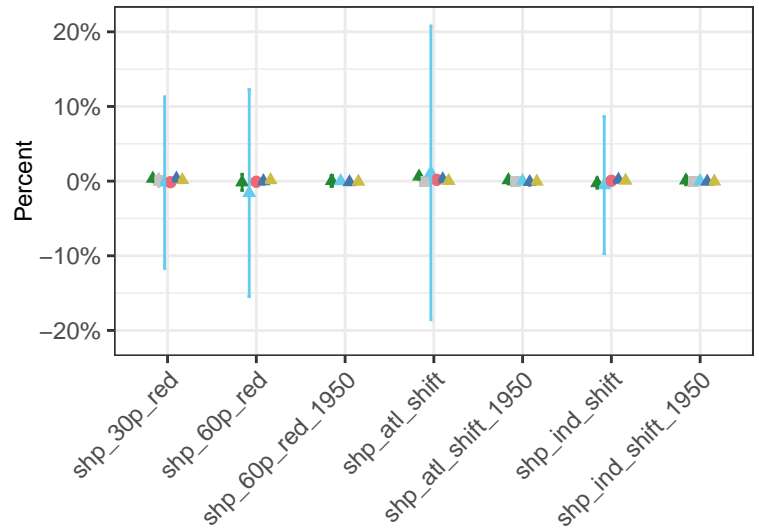
surface concentration of SO4 – arctic



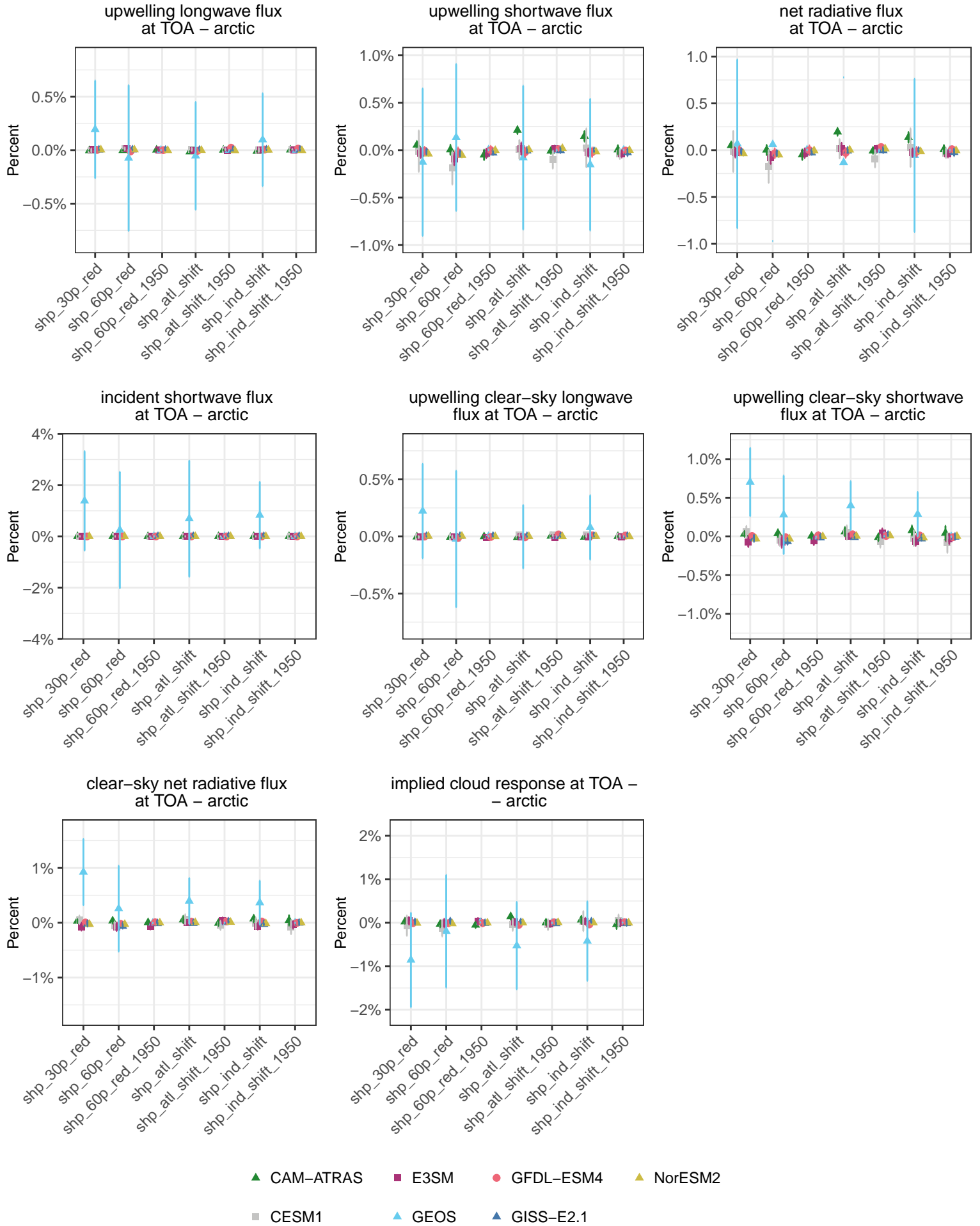
surface concentration of SO2 – arctic



Dimethyl sulphide (DMS) mole fraction – arctic

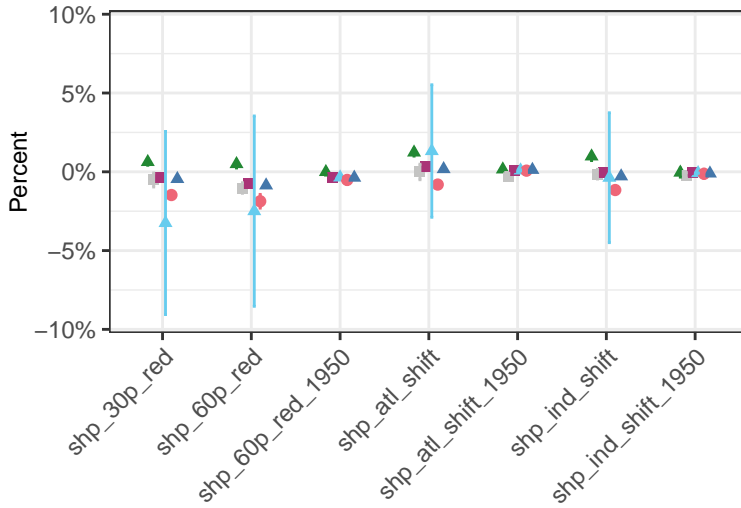


## Summary – percent difference

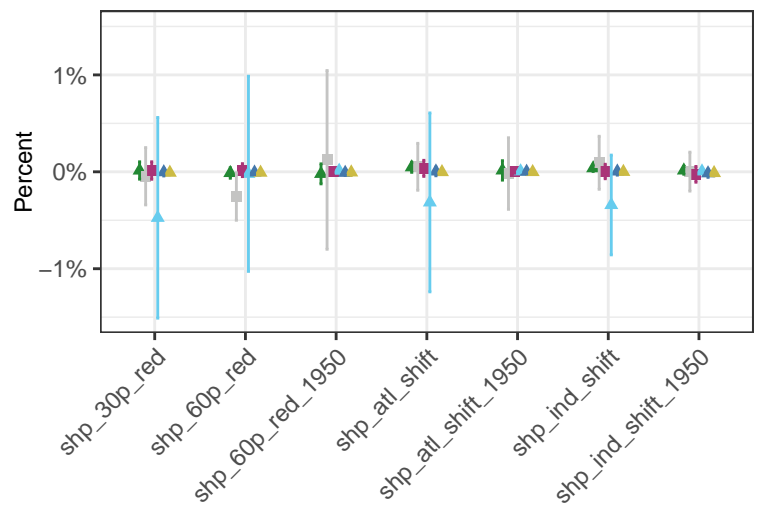


## Summary – percent difference

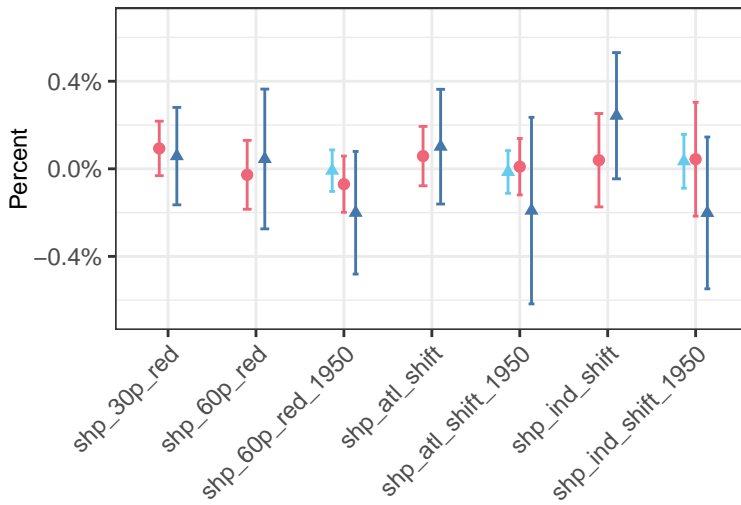
ambient aerosol optical  
thickness at 550nm – arctic



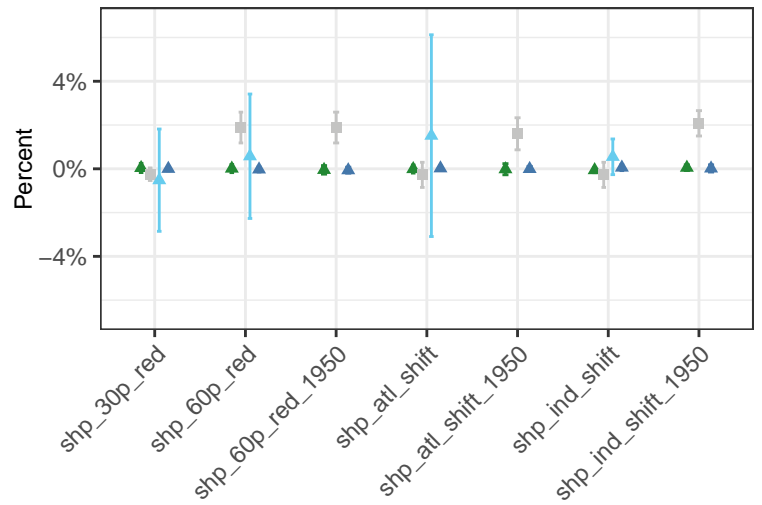
total cloud cover  
percentage – arctic



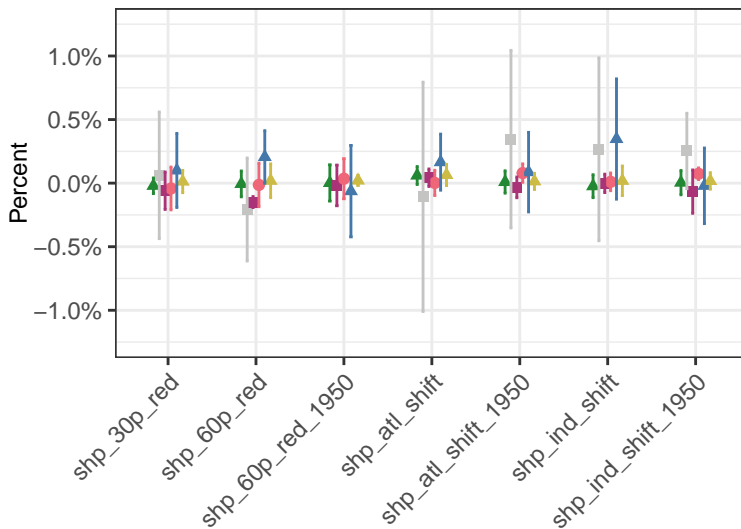
convective cloud cover  
percentage – arctic



cloud cover  
percentage – arctic

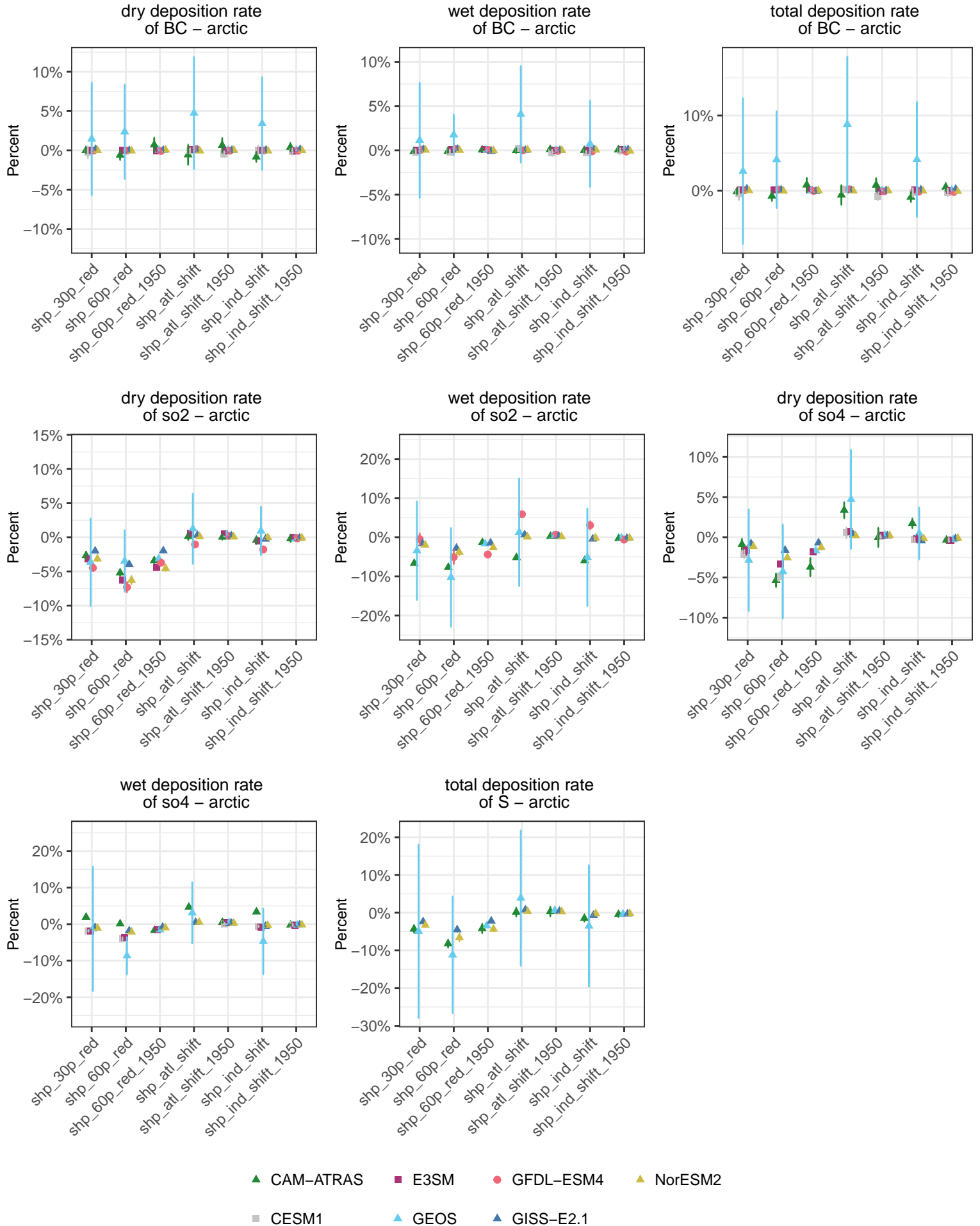


Ice water path – arctic



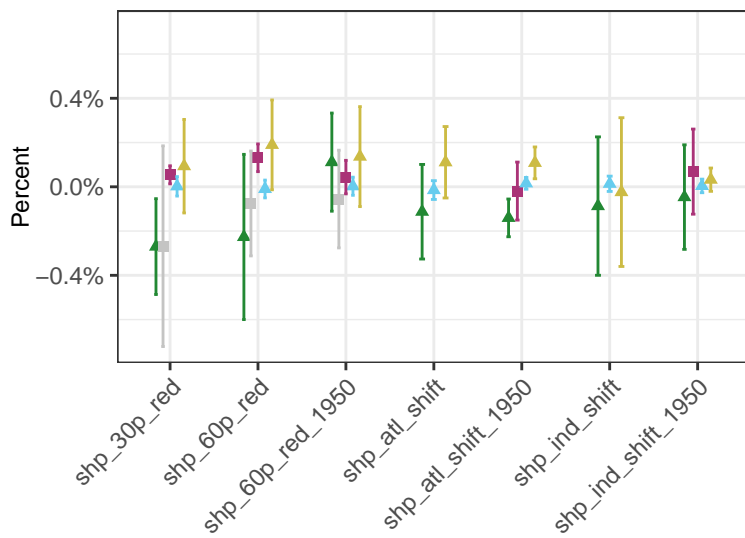
▲ CAM-ATRAS    ■ E3SM    ● GFDL-ESM4  
■ CESM1    ▲ GEOS    ▲ GISS-E2.1

## Summary – percent difference

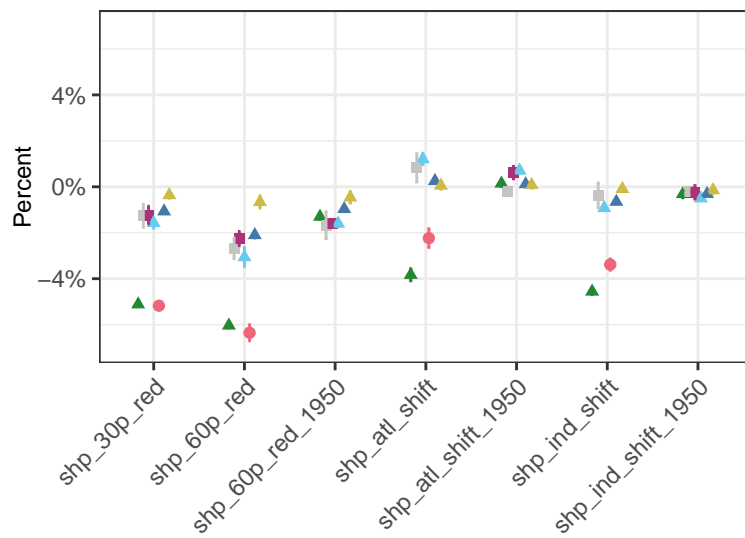


# Summary – percent difference

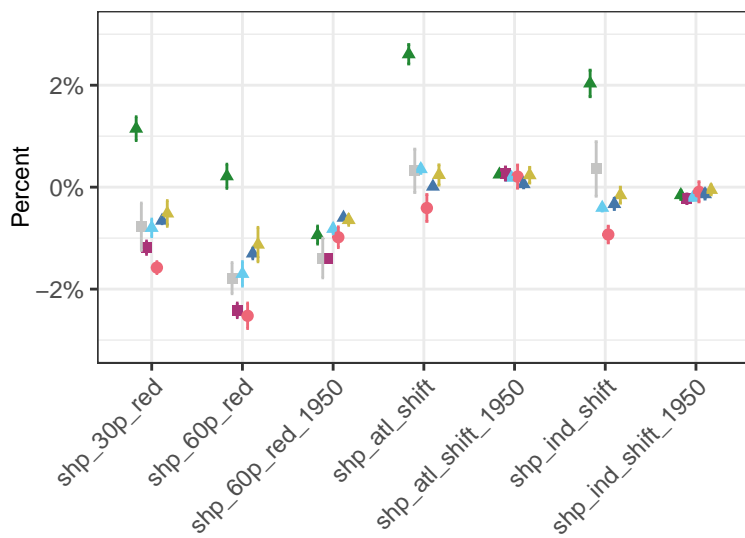
load  
of bc – arctic



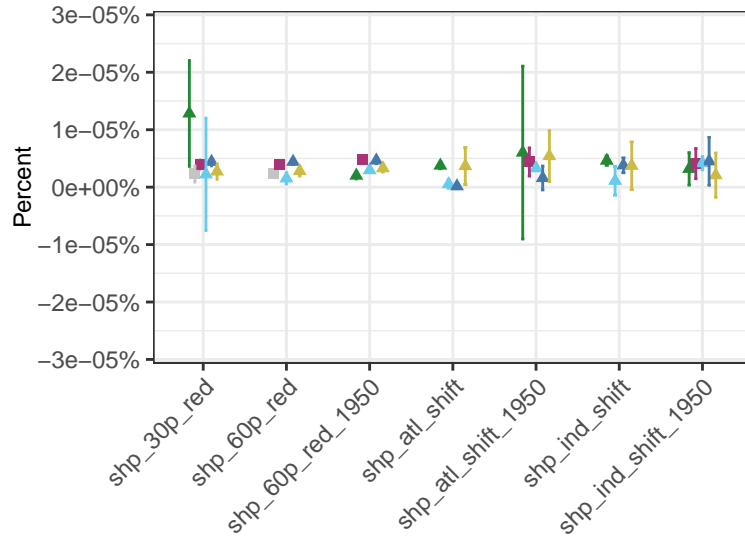
load  
of so2 – arctic



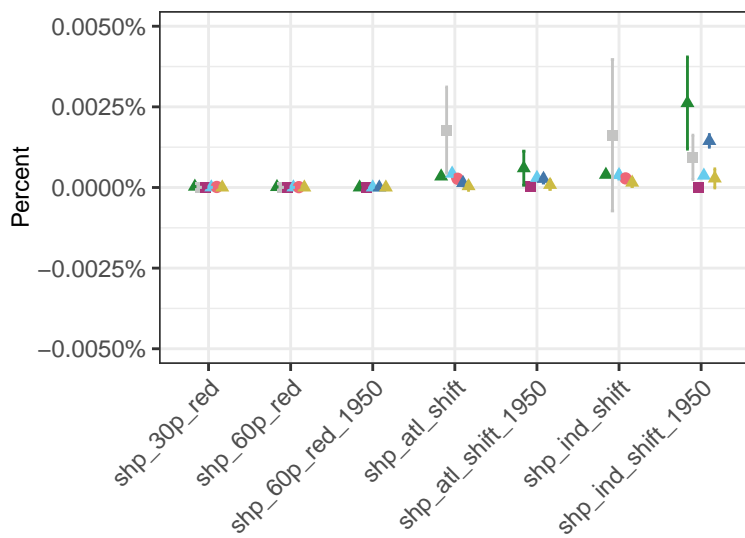
load  
of so4 – arctic



SO4 lifetime –  
– arctic



SO2 lifetime –  
– arctic



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