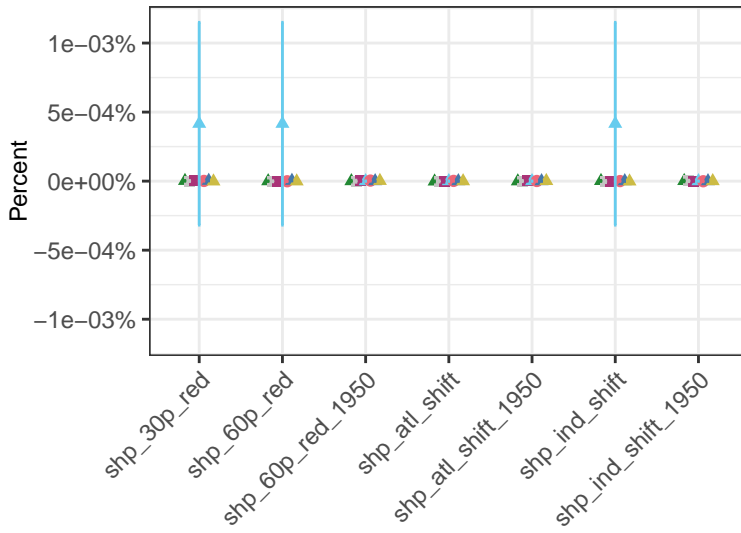
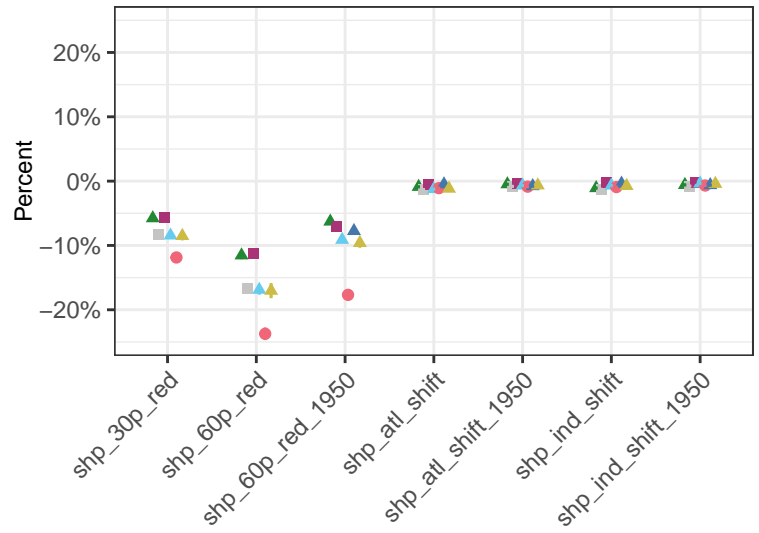


## Summary – percent difference

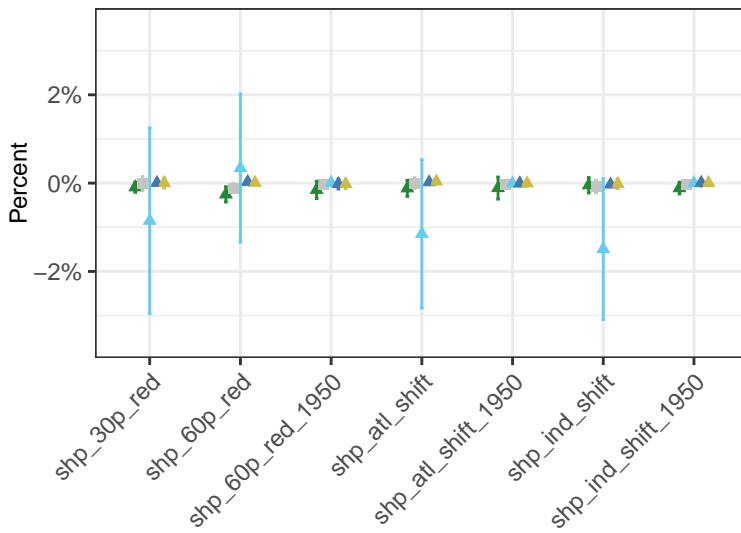
surface flux of BC – sea



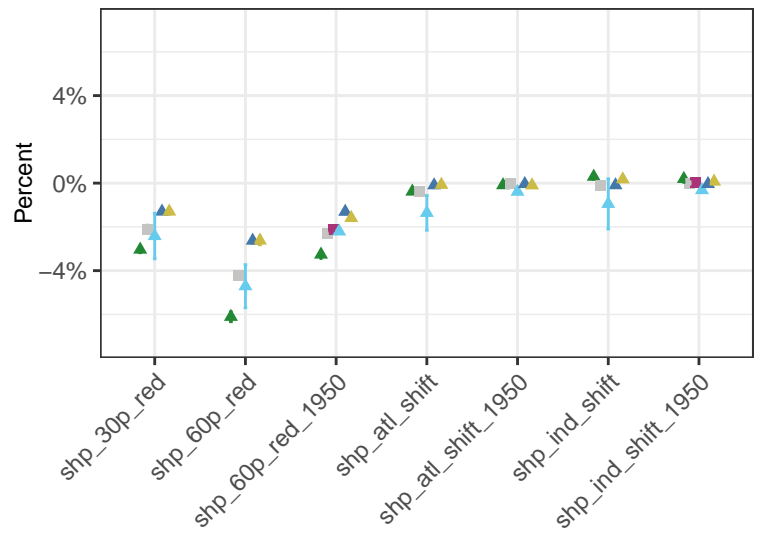
surface flux of SO<sub>2</sub> – sea



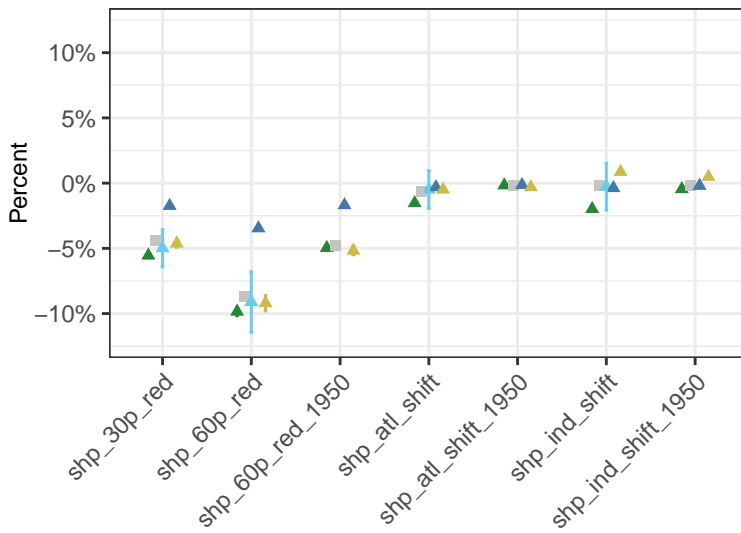
surface concentration of BC – sea



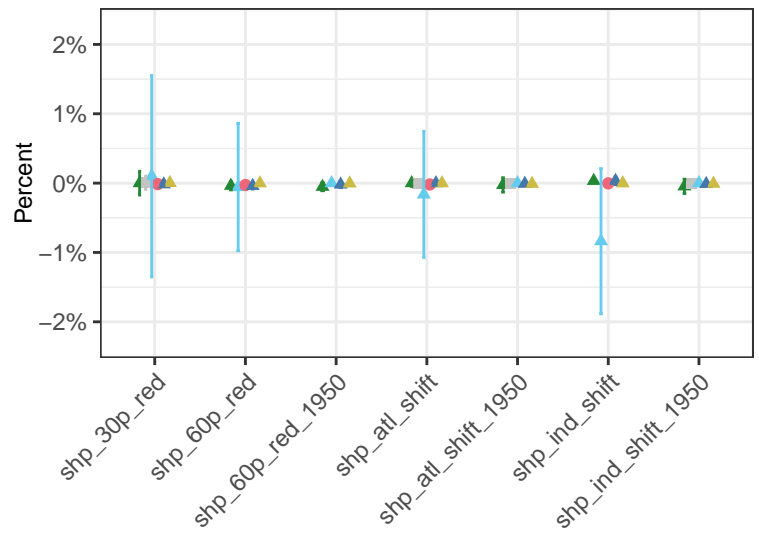
surface concentration of SO<sub>4</sub> – sea



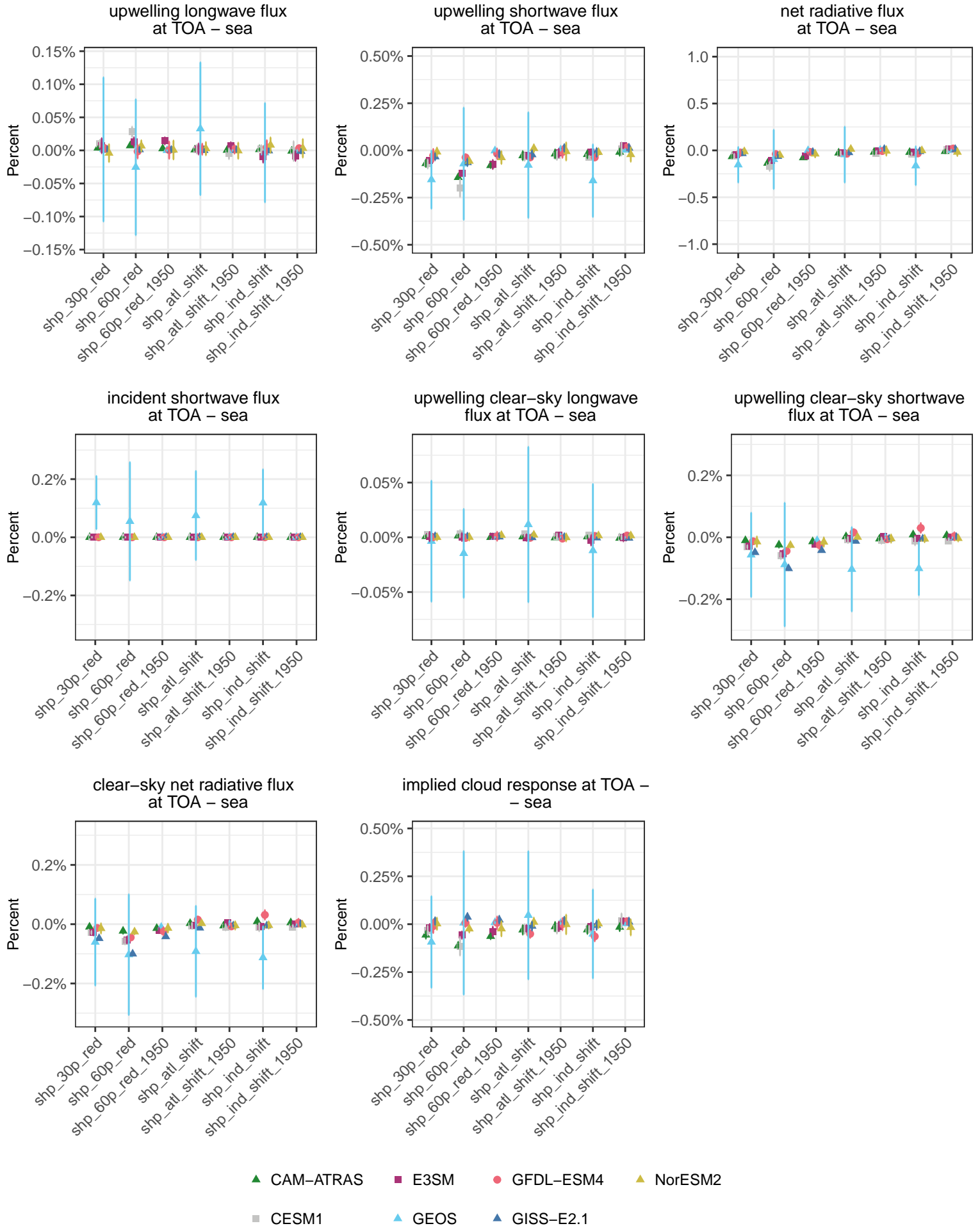
surface concentration of SO<sub>2</sub> – sea



Dimethyl sulphide (DMS) mole fraction – sea

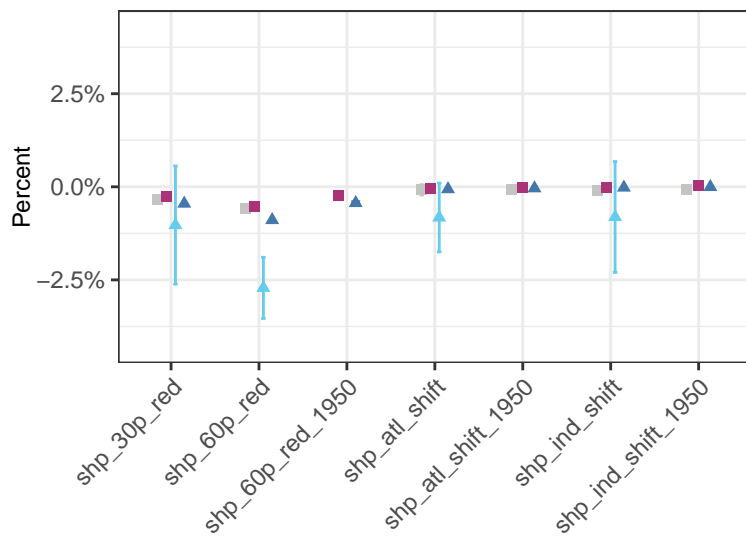


## Summary – percent difference

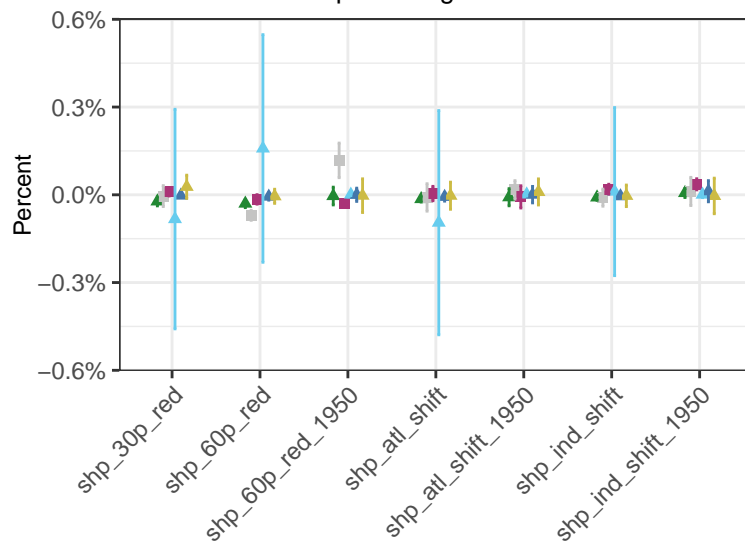


## Summary – percent difference

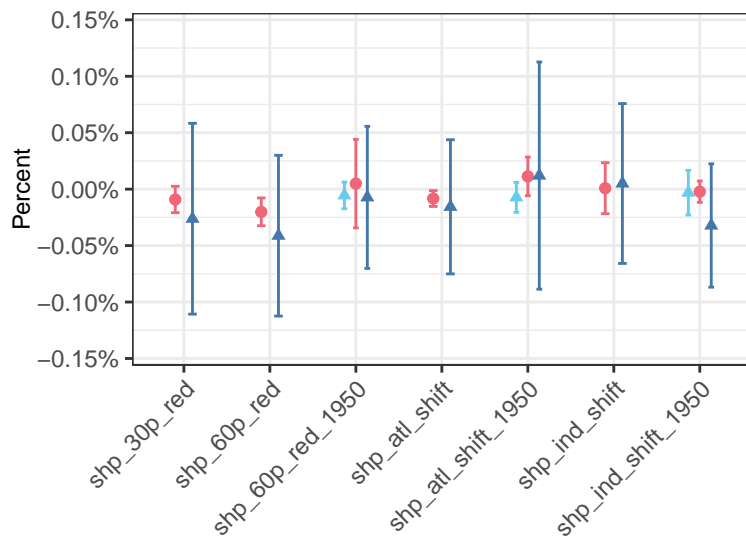
ambient aerosol optical  
thickness at 550nm – sea



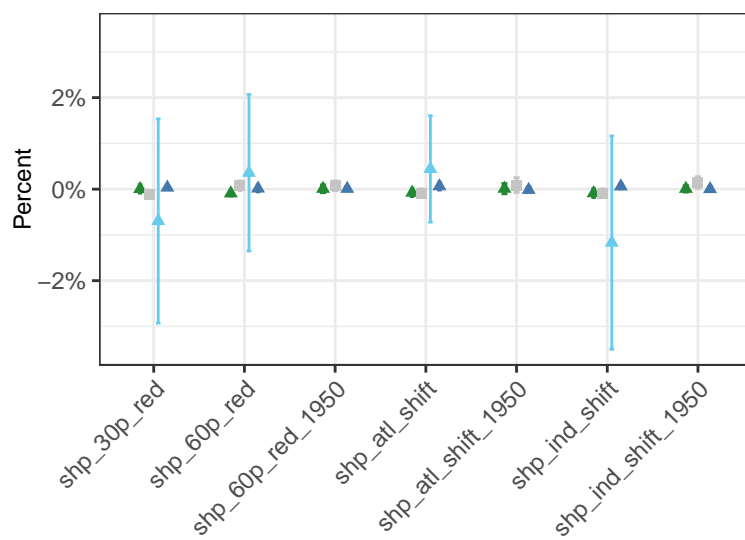
total cloud cover  
percentage – sea



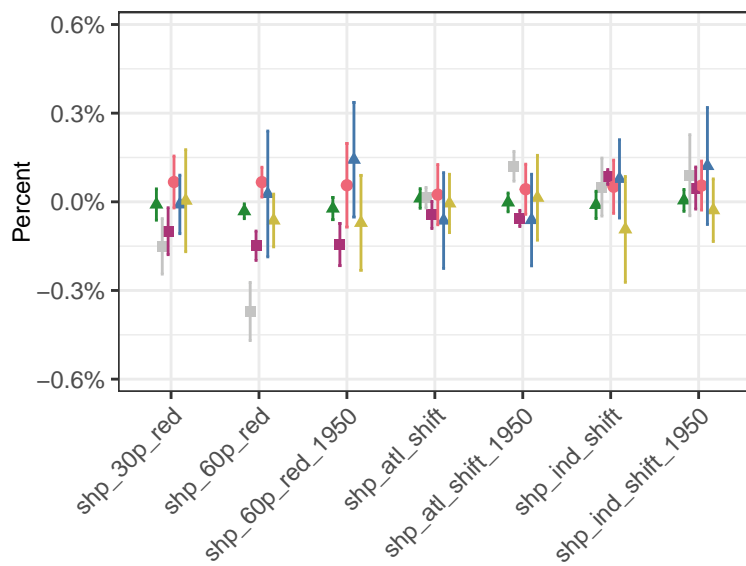
convective cloud cover  
percentage – sea



cloud cover  
percentage – sea

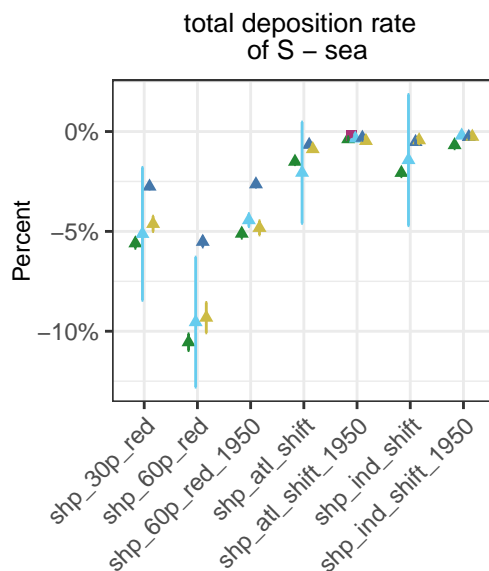
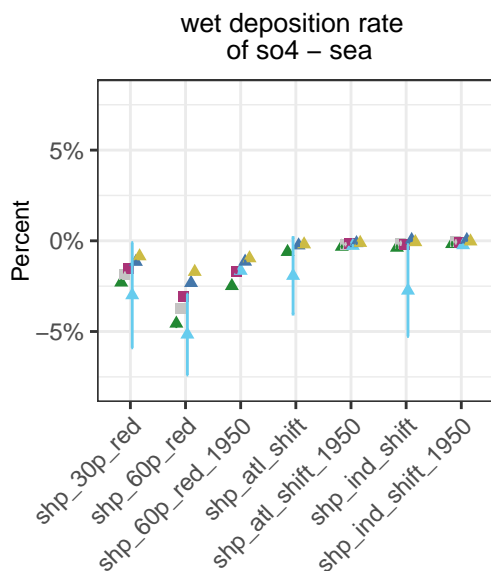
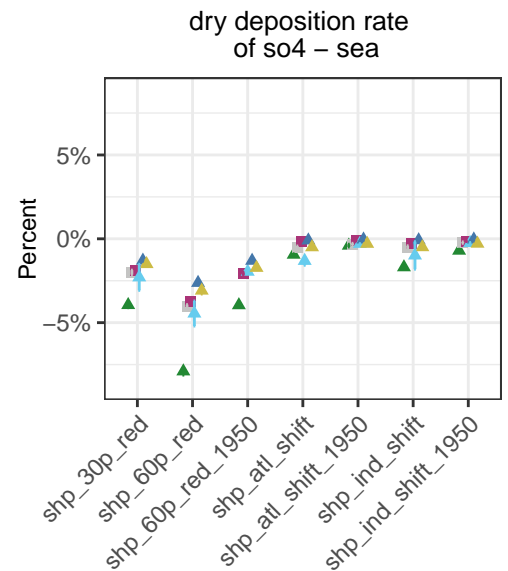
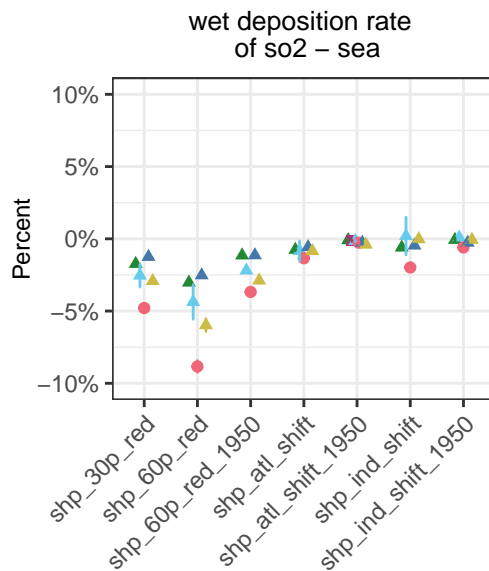
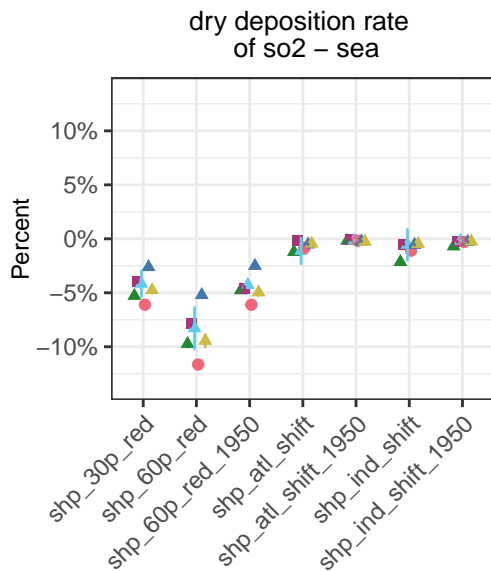
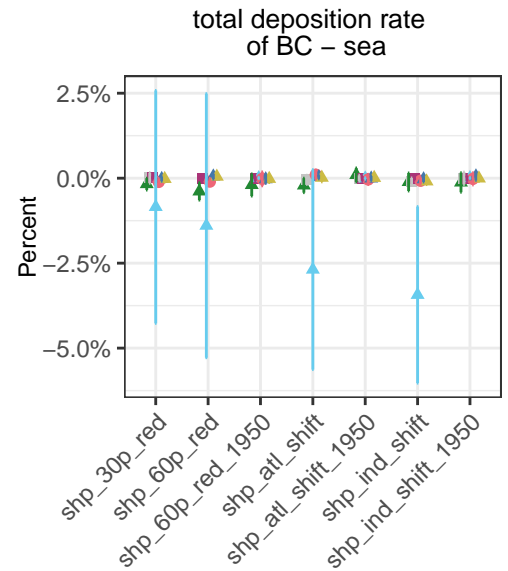
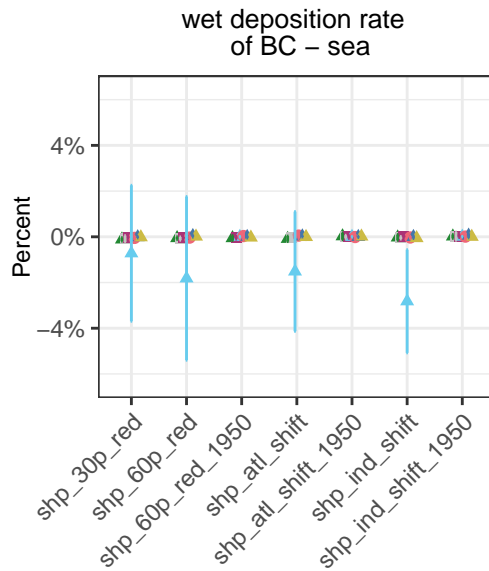
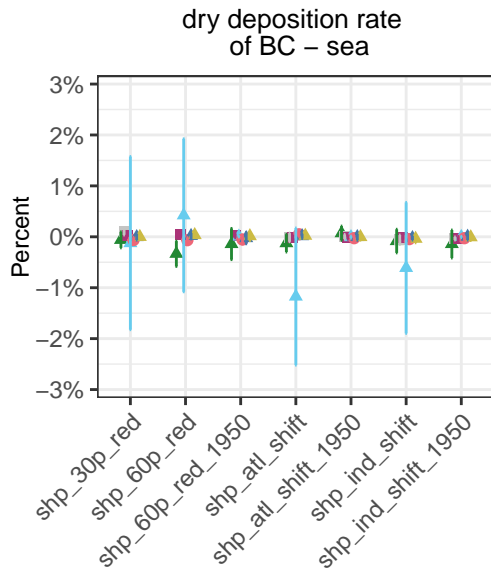


Ice water path – sea



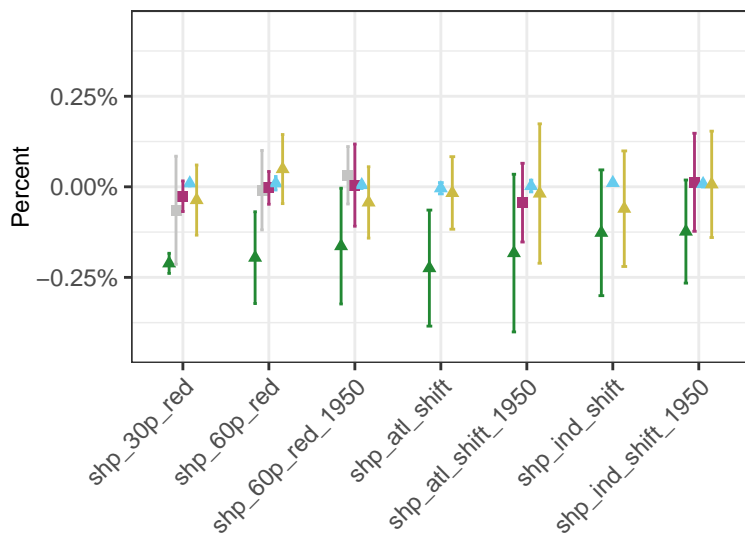
■ CESM1 ■ E3SM ▲ GEOS ▲ GISS-E2.1

## Summary – percent difference

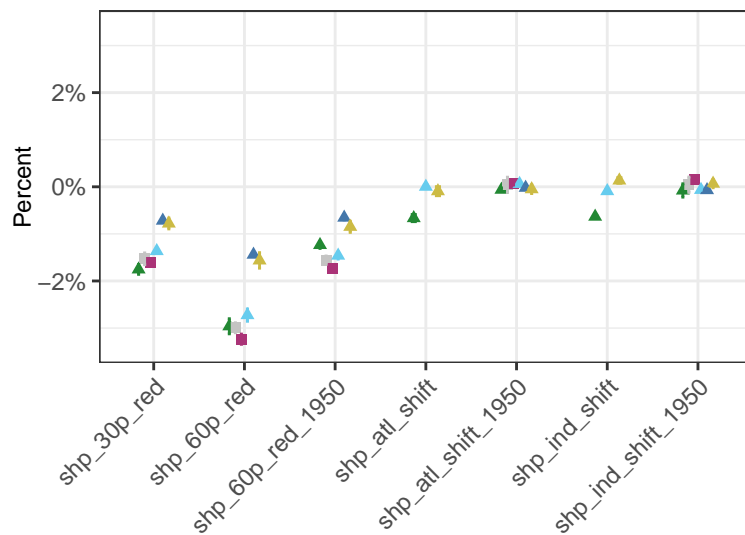


# Summary – percent difference

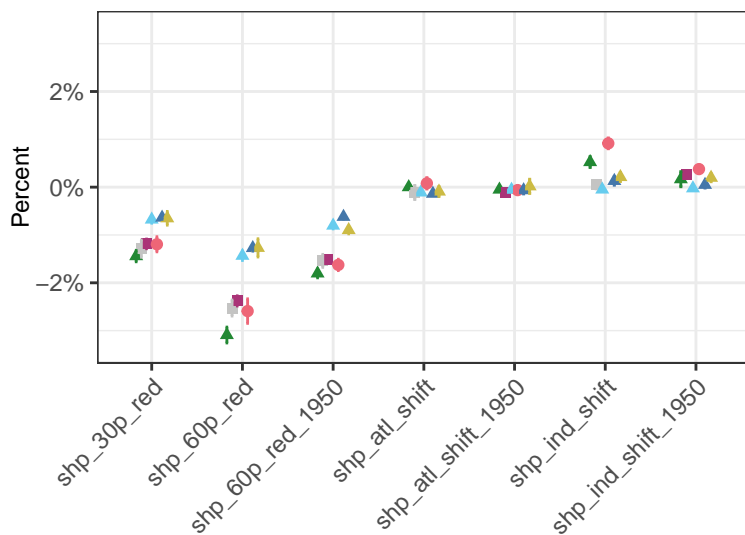
load  
of bc – sea



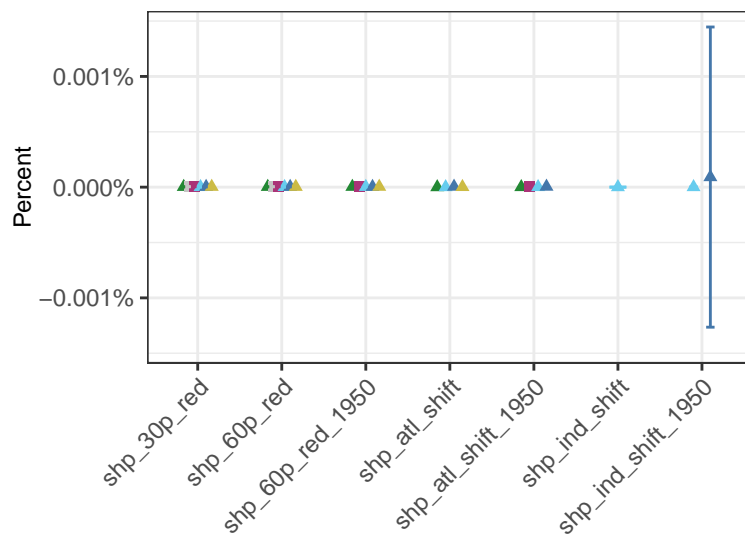
load  
of so2 – sea



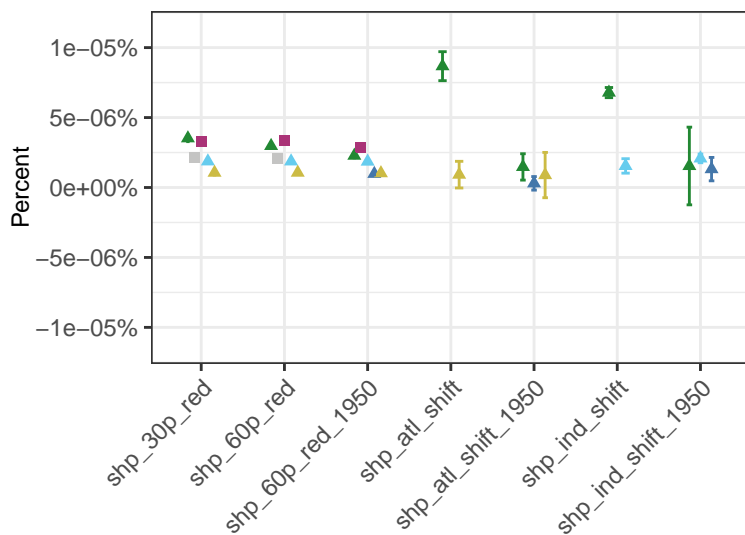
load  
of so4 – sea



SO4 lifetime –  
– sea



SO2 lifetime –  
– sea



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