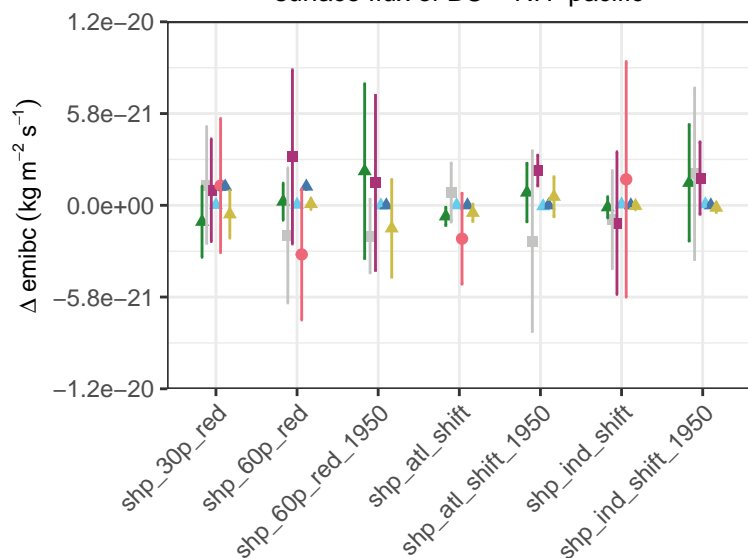
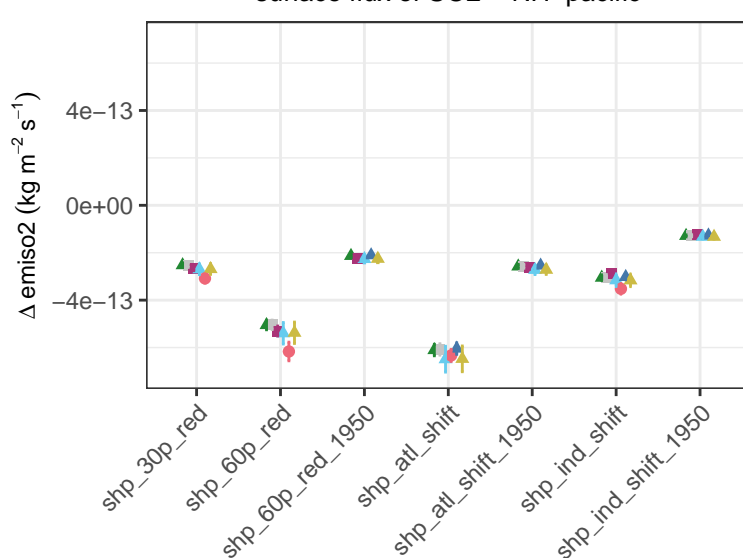


# Summary – absolute difference

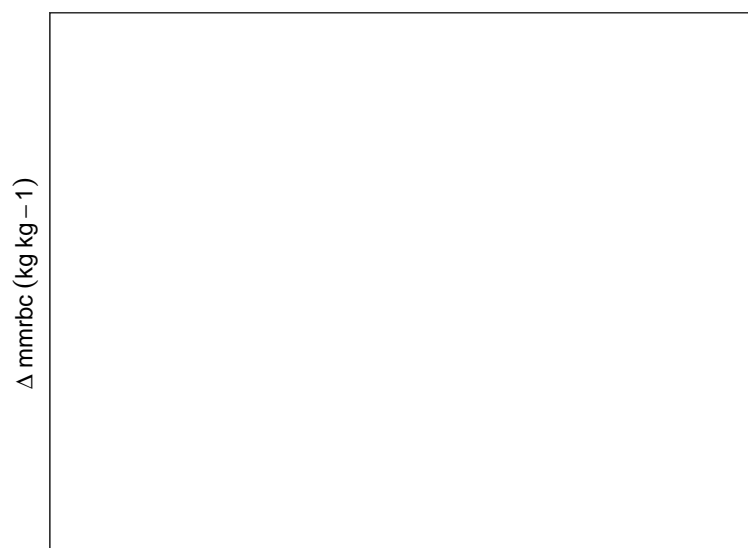
surface flux of BC – NH–pacific



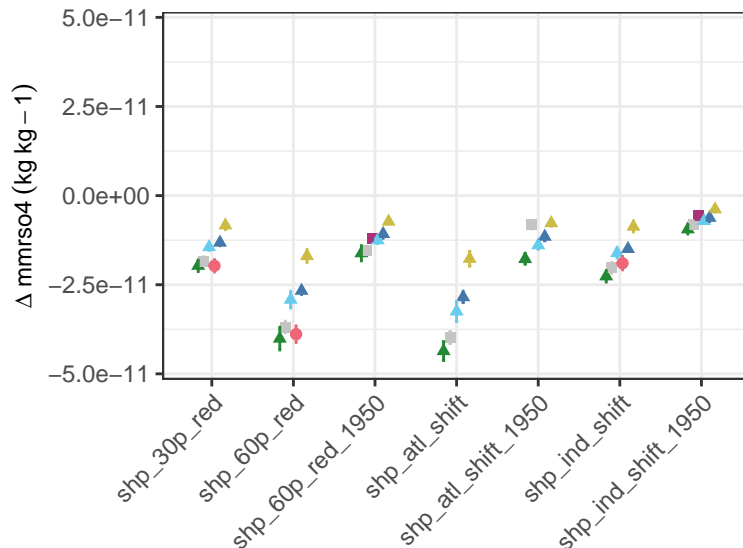
surface flux of SO2 – NH–pacific



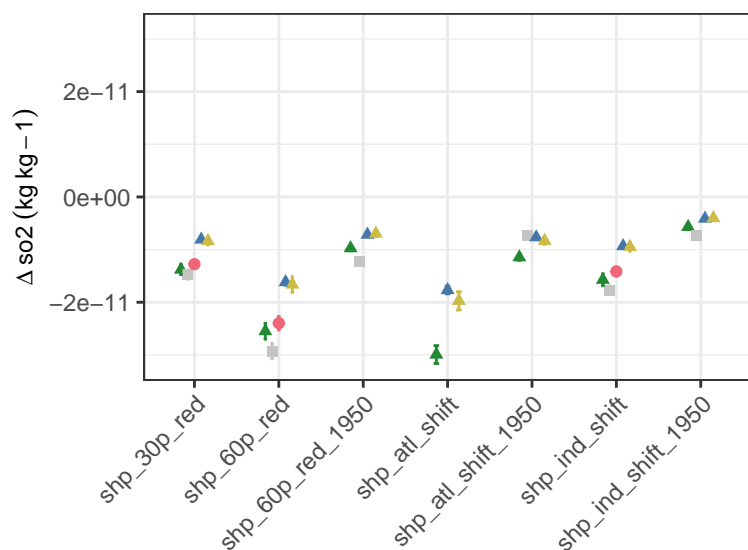
surface concentration of BC – NH–pacific



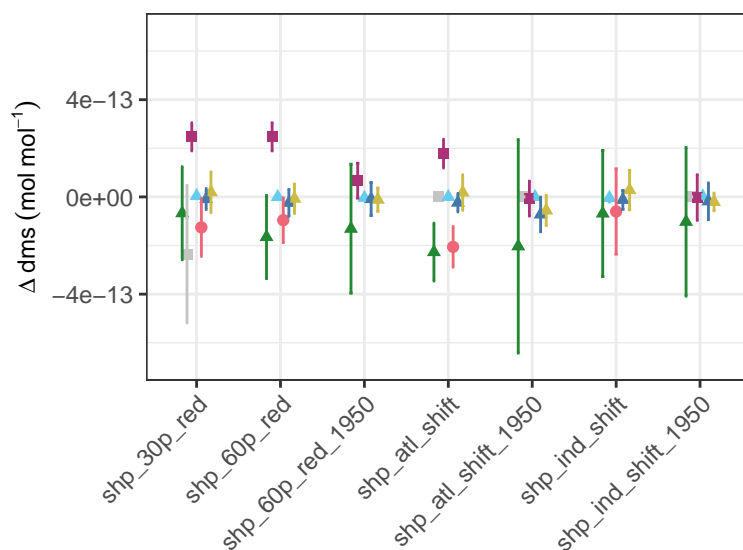
surface concentration of SO4 – NH–pacific



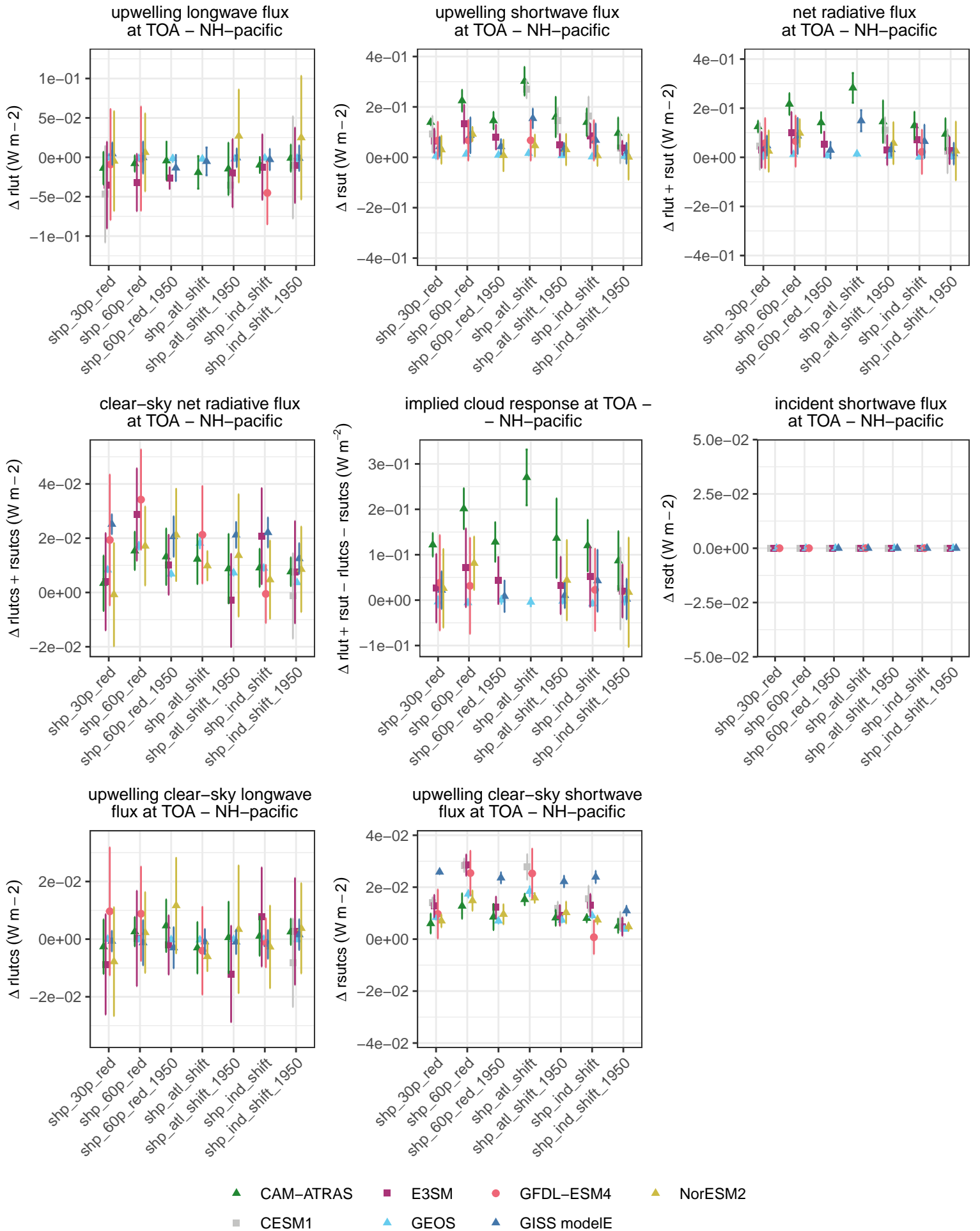
surface concentration of SO2 – NH–pacific



Dimethyl sulphide (DMS) mole fraction – NH–pacific

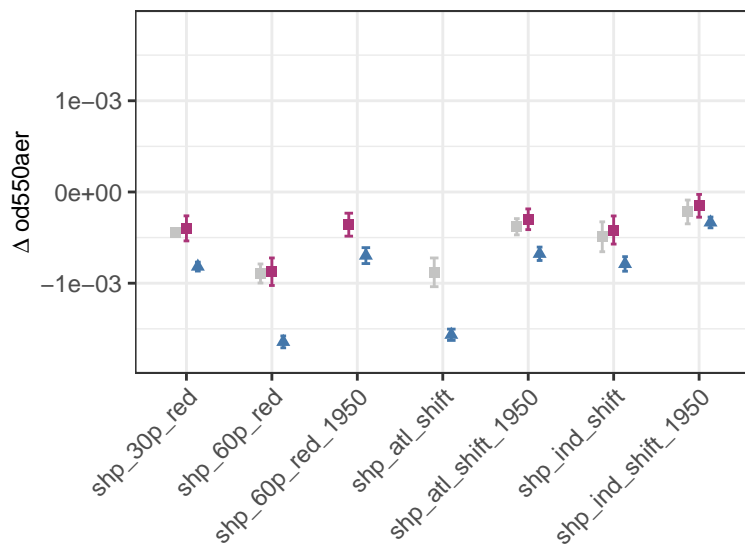


## Summary – absolute difference

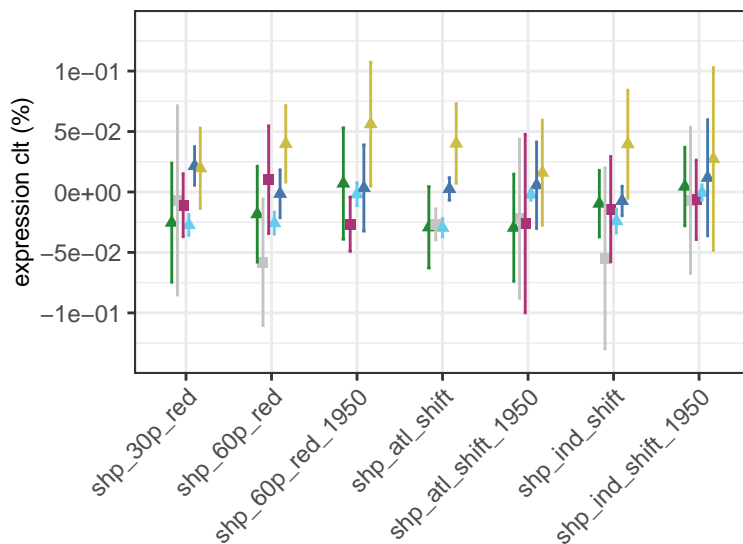


## Summary – absolute difference

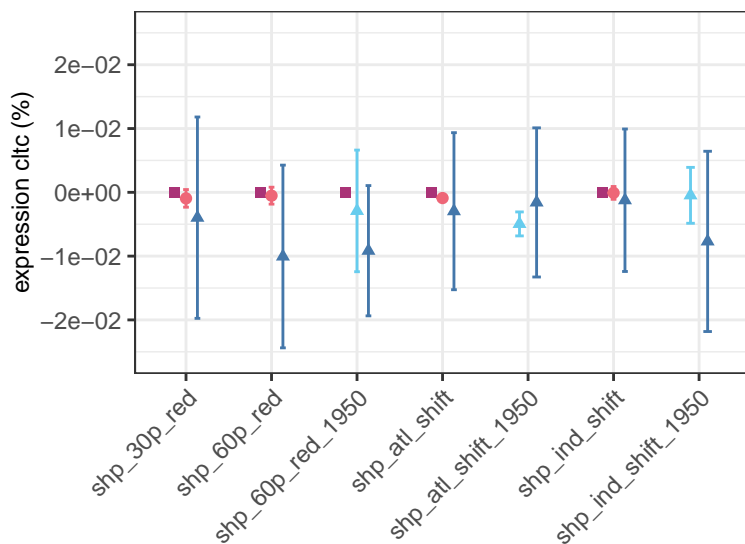
ambient aerosol optical  
thickness at 550nm – NH–pacific



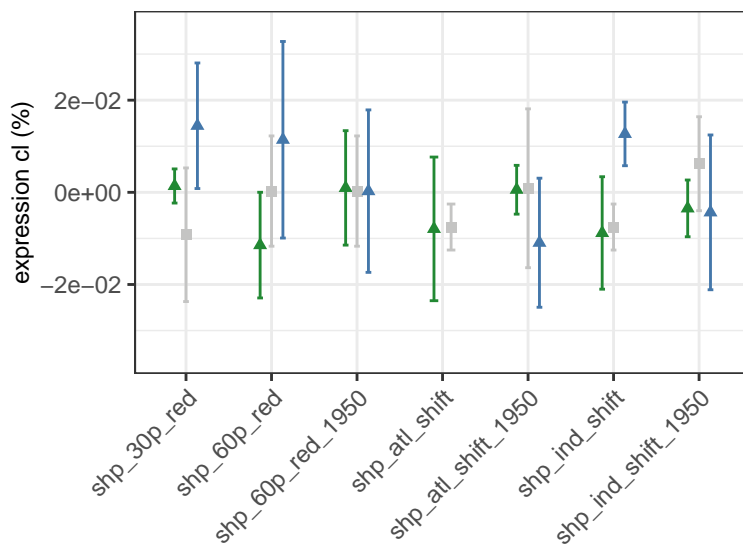
total cloud cover  
percentage – NH–pacific



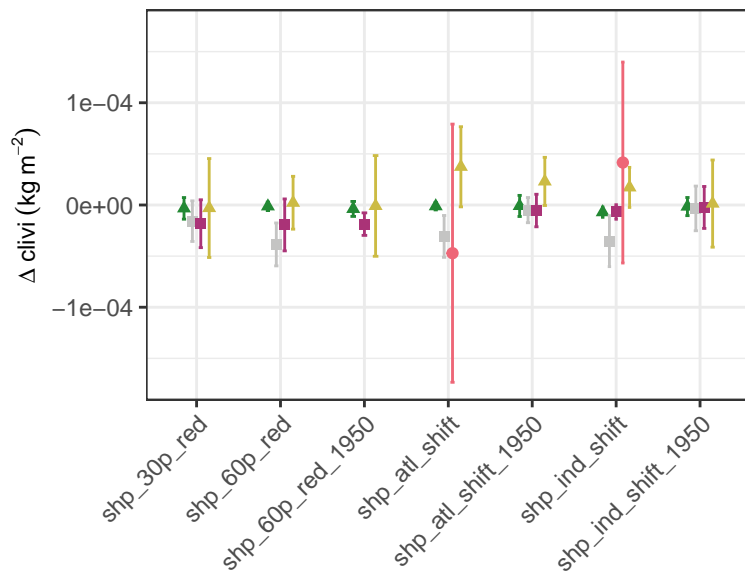
convective cloud cover  
percentage – NH–pacific



cloud cover  
percentage – NH–pacific

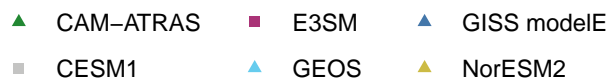
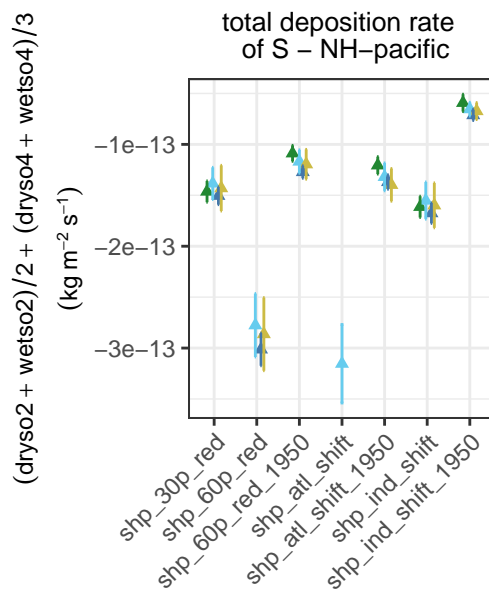
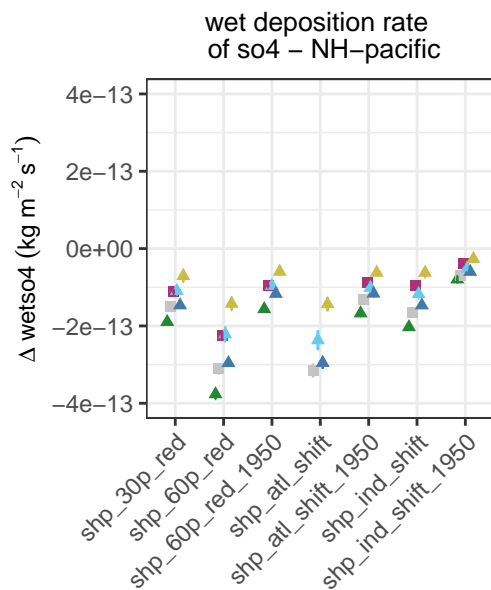
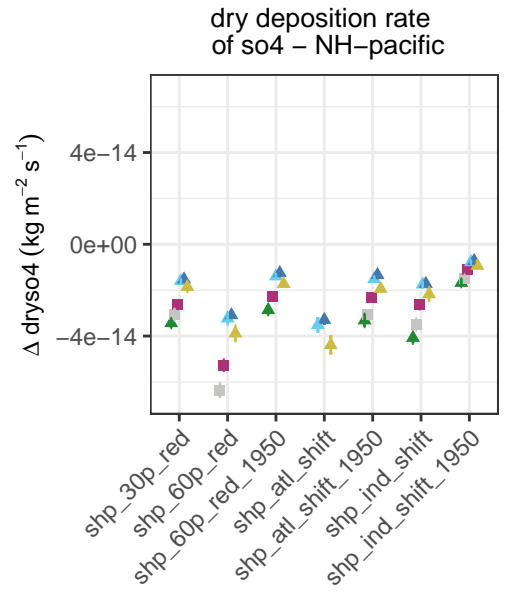
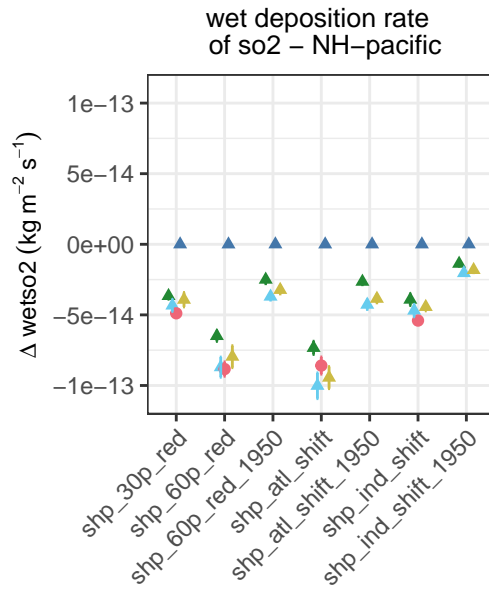
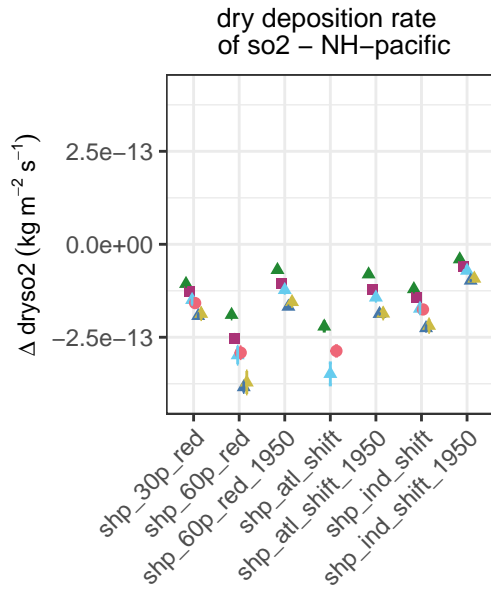
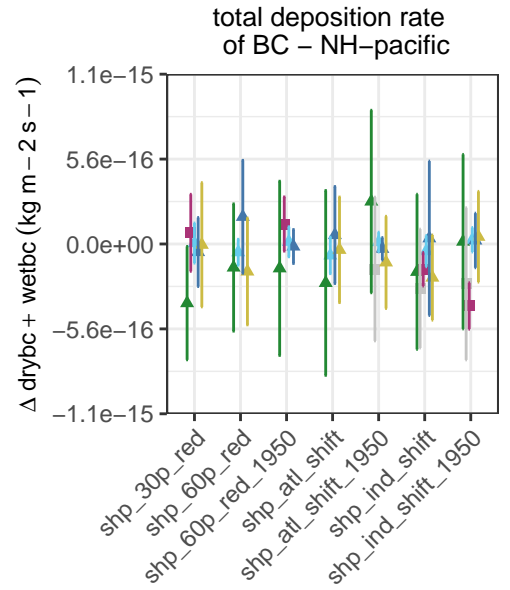
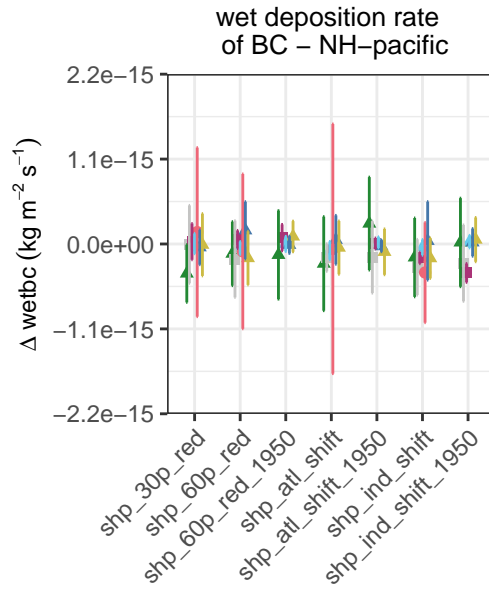
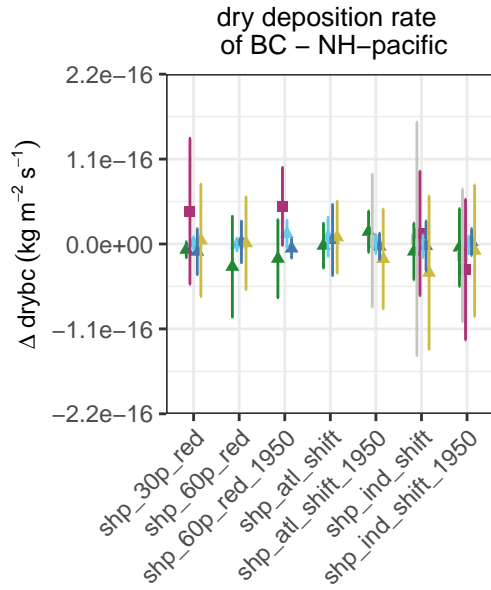


Ice water path – NH–pacific



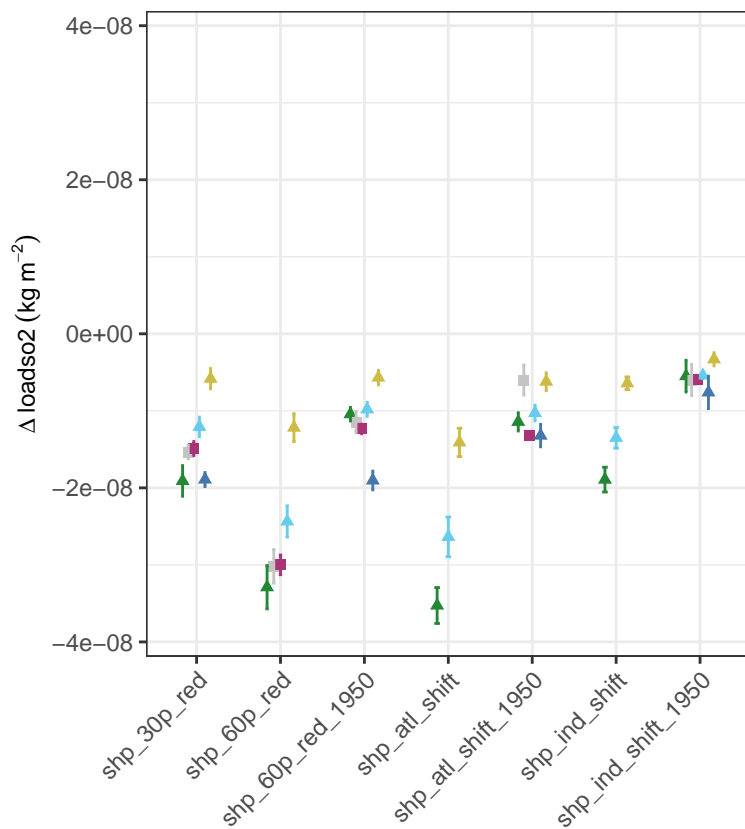
■ CESM1 ■ E3SM ▲ GISS modelE

## Summary – absolute difference

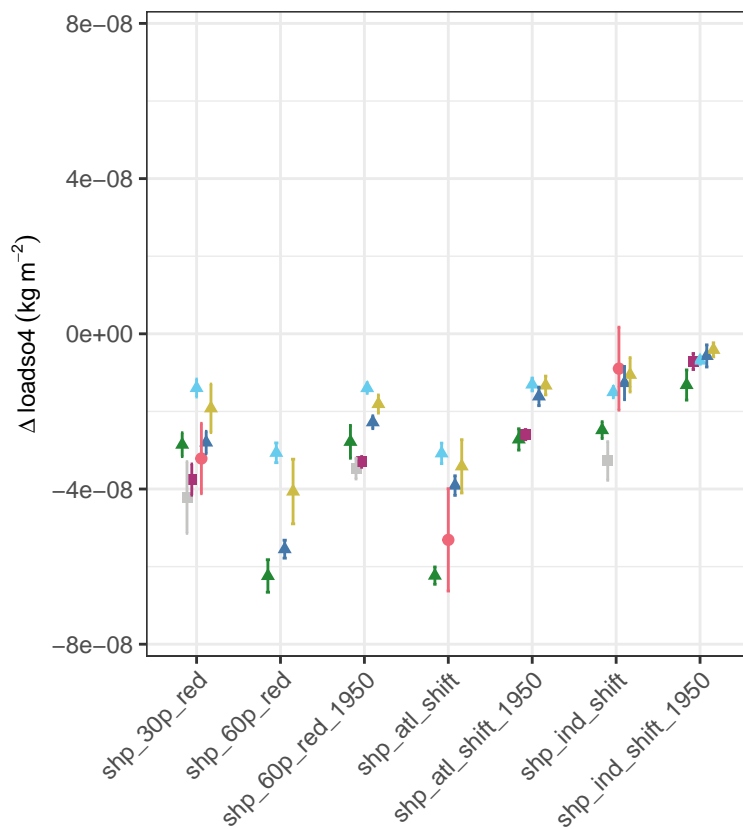


# Summary – absolute difference

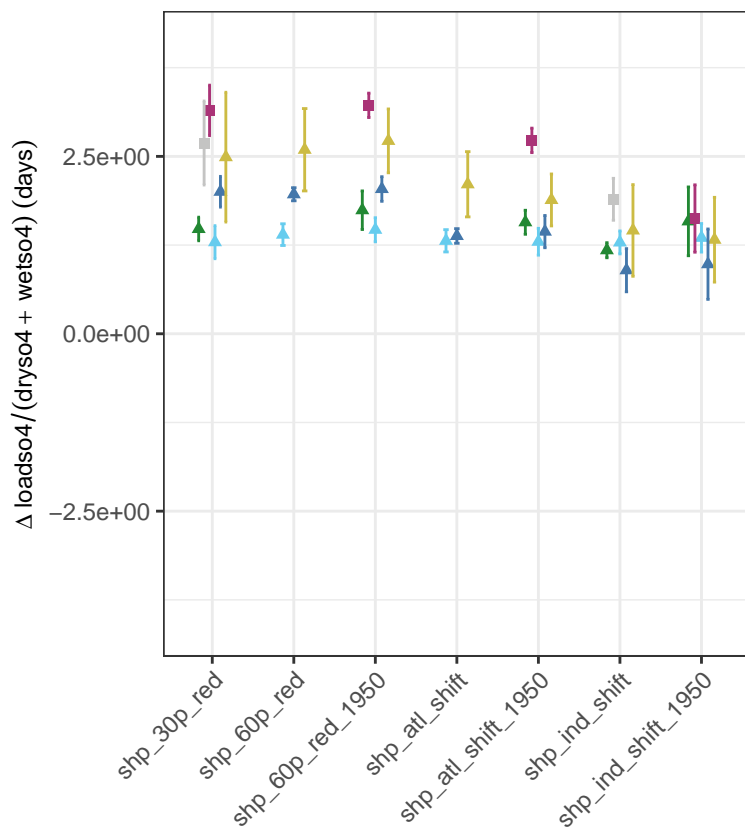
load  
of so2 – NH–pacific



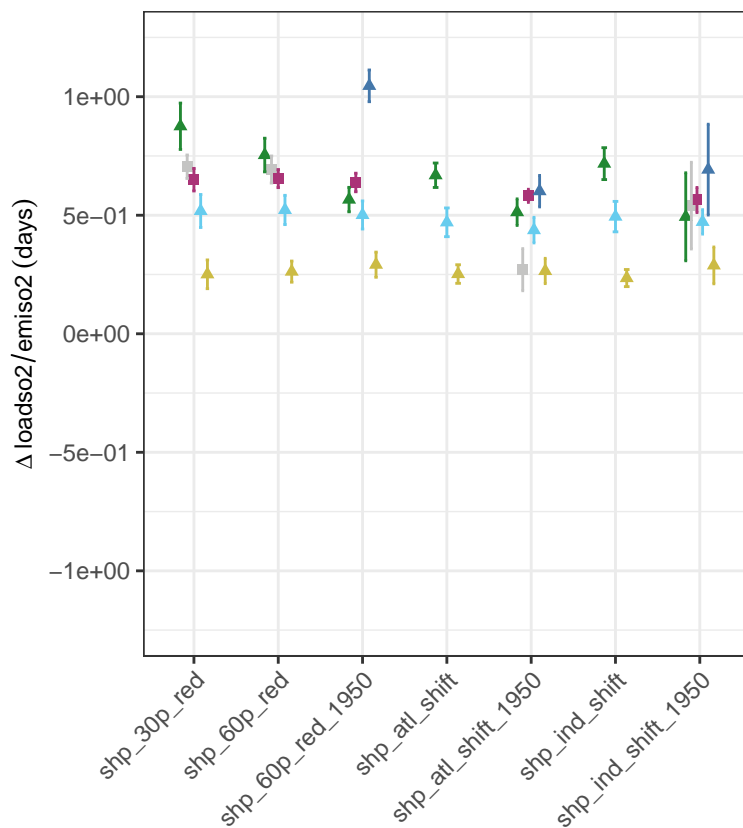
load  
of so4 – NH–pacific



SO4 lifetime –  
– NH–pacific



SO2 lifetime –  
– NH–pacific



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

Summary – absolute difference

