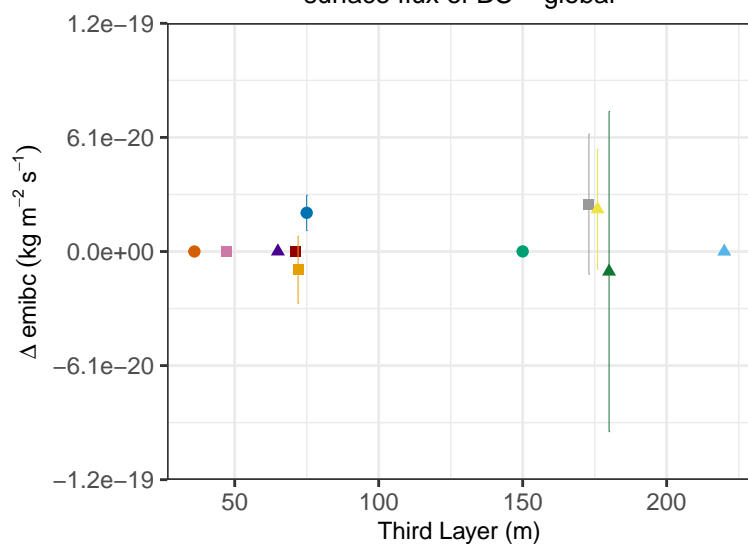
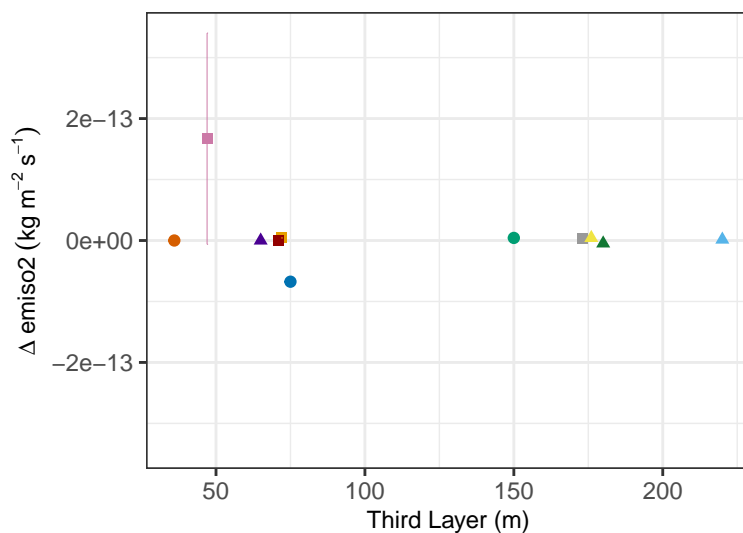


### 3rd Model Layer Summary: SO<sub>2</sub>-at-height (absolute difference)

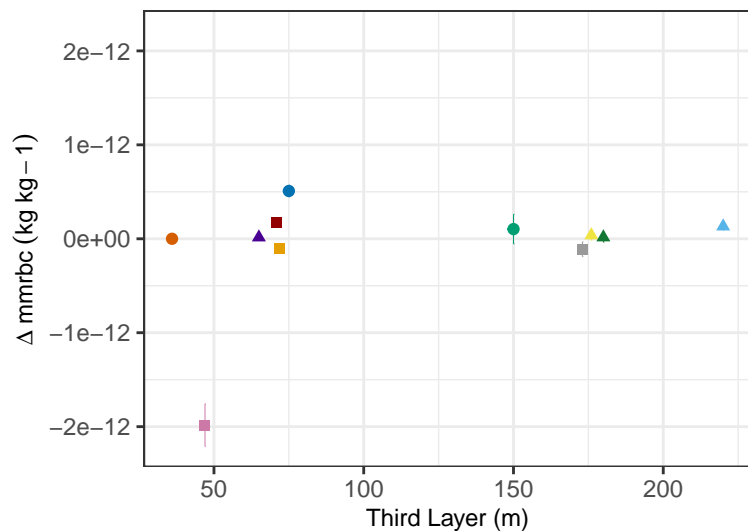
surface flux of BC – global



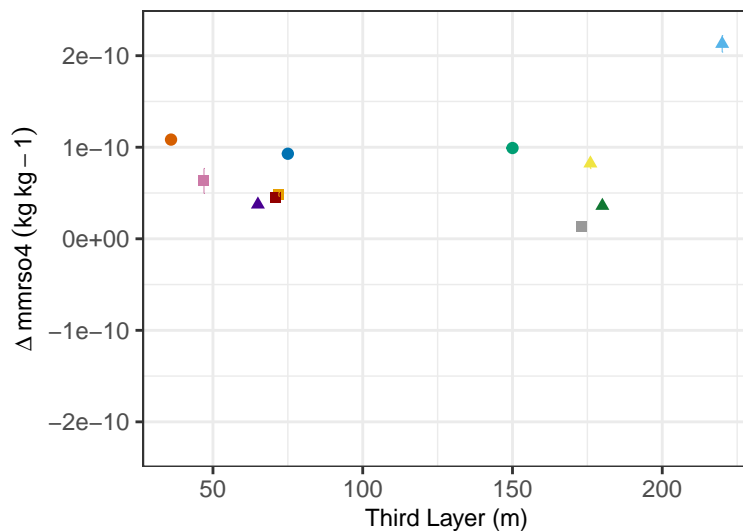
surface flux of SO<sub>2</sub> – global



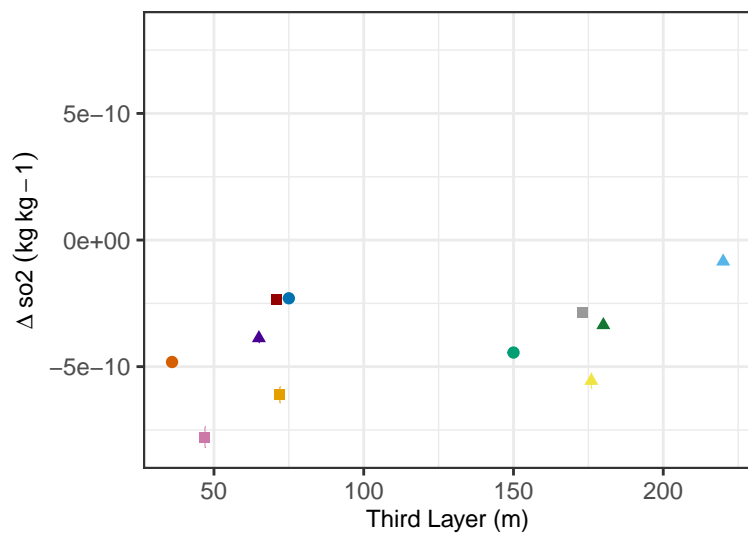
surface concentration of BC – global



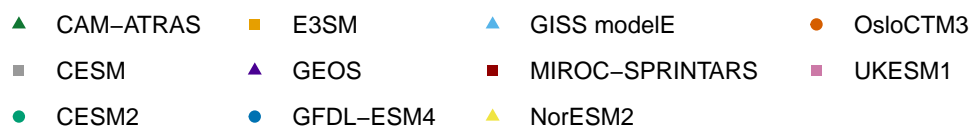
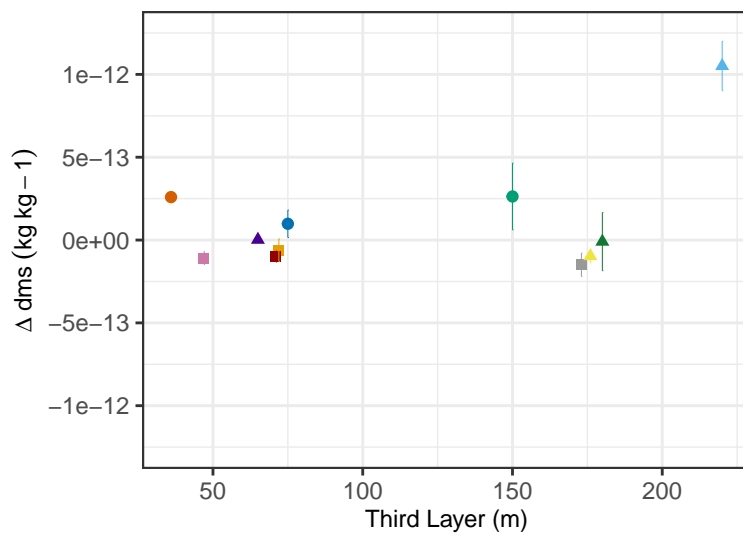
surface concentration of SO<sub>4</sub> – global



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

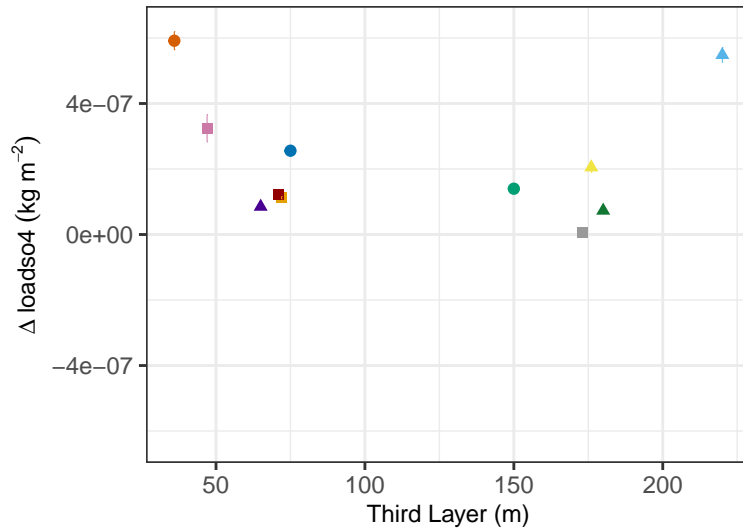


surface concentration of DMS – global

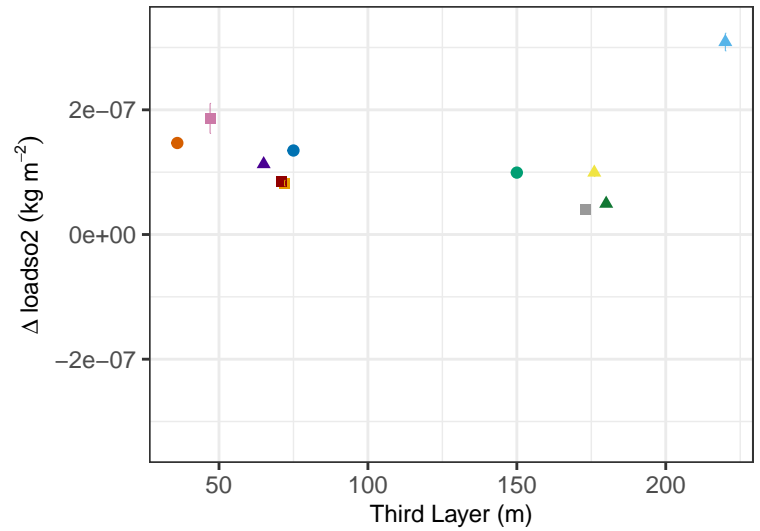


### 3rd Model Layer Summary: SO<sub>2</sub>-at-height (absolute difference)

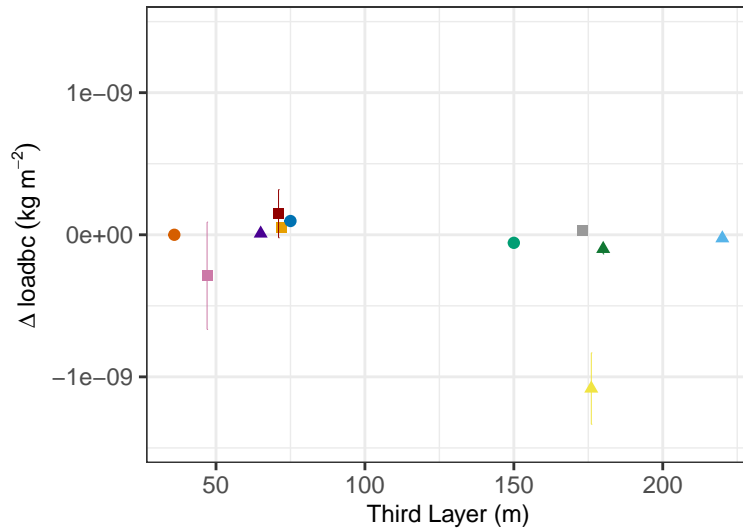
column mass burden of SO<sub>4</sub> – global



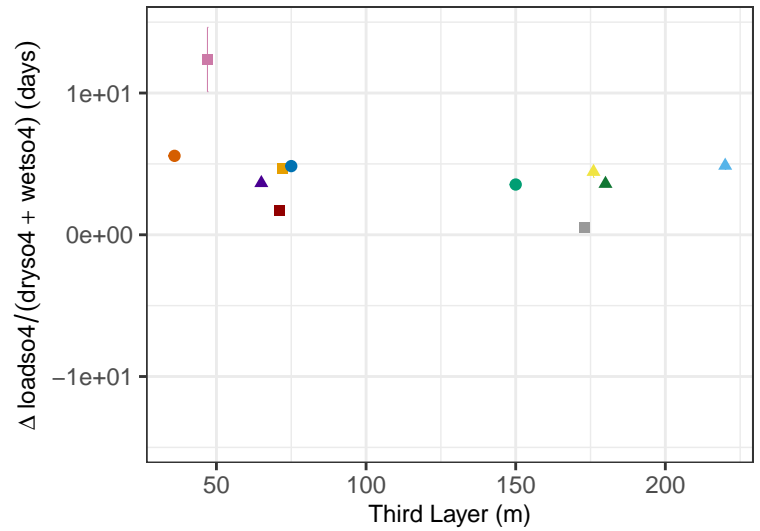
column mass burden of SO<sub>2</sub> – global



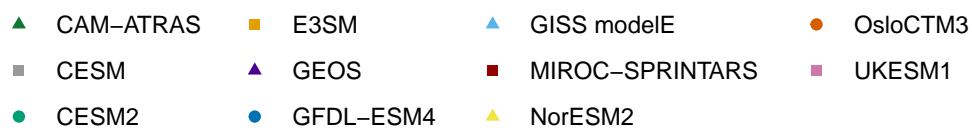
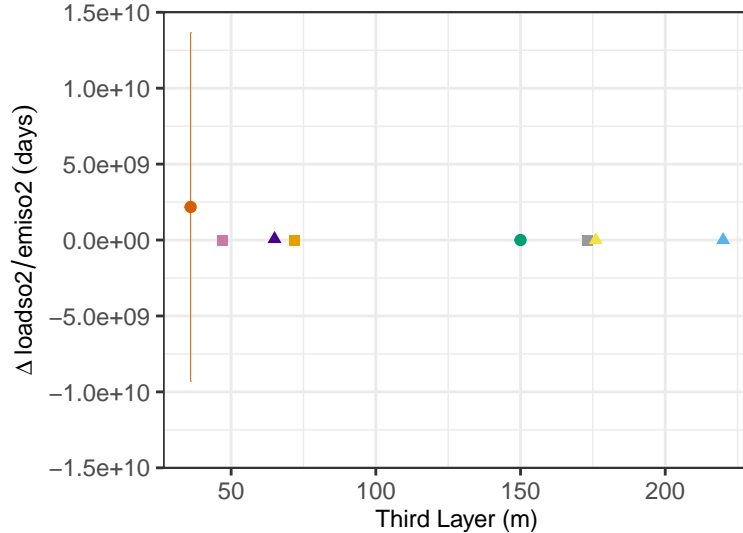
column mass burden of BC – global



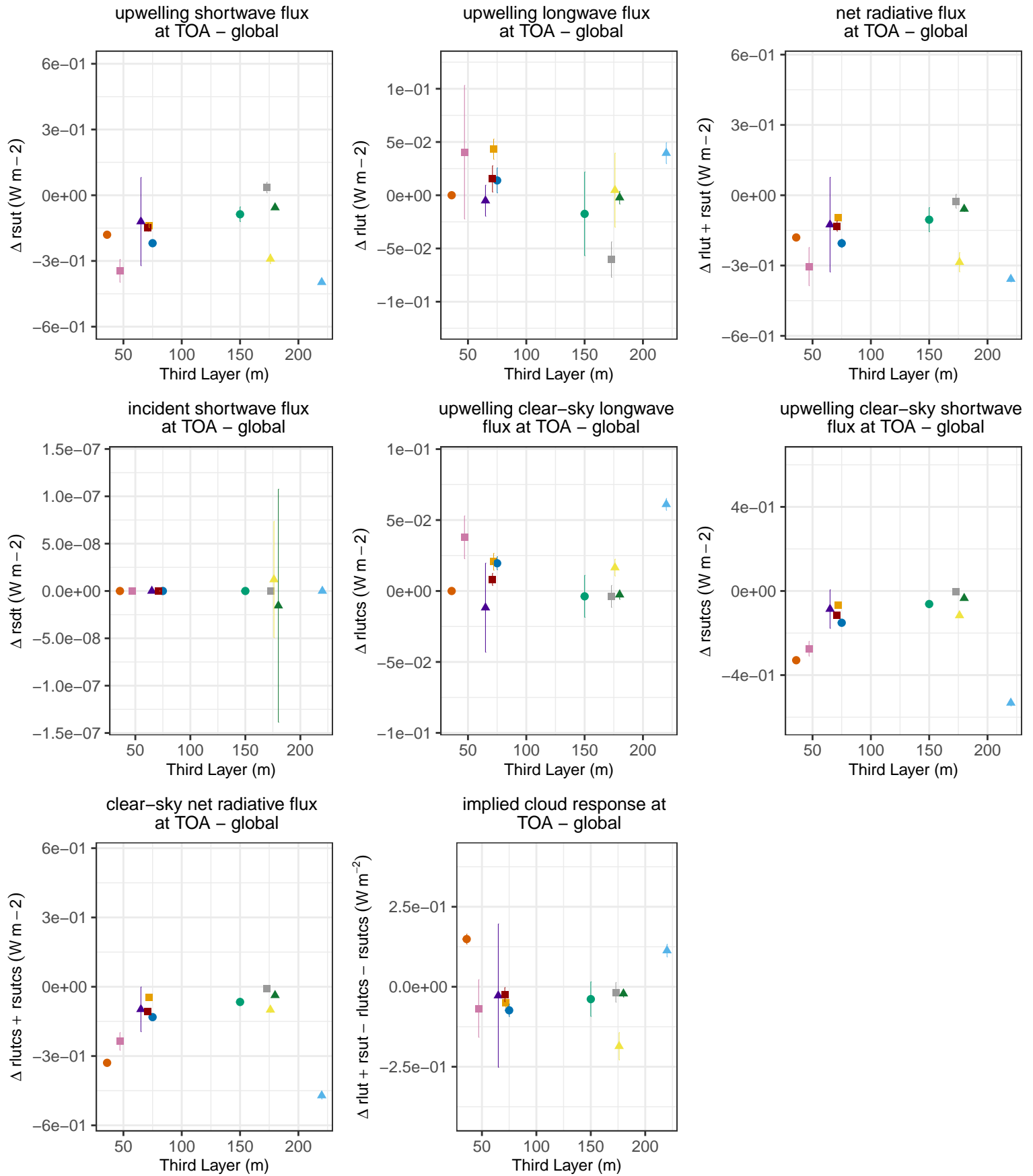
SO<sub>4</sub> lifetime – global



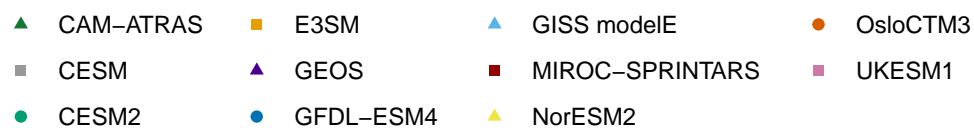
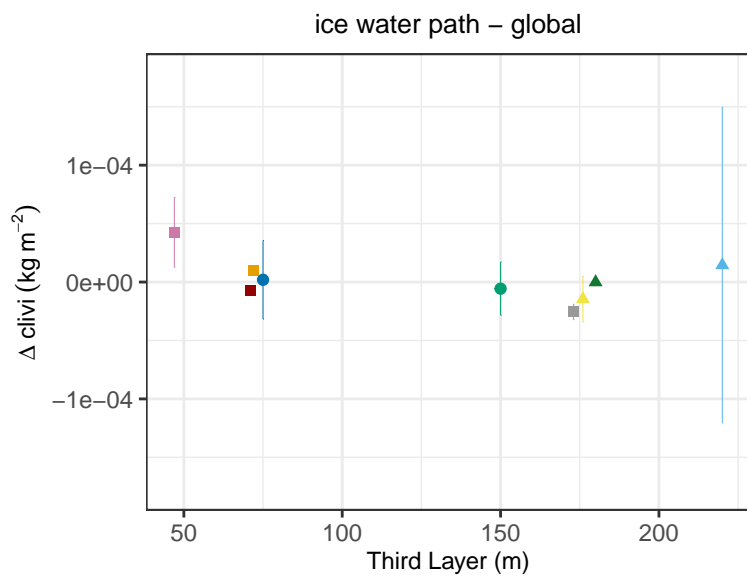
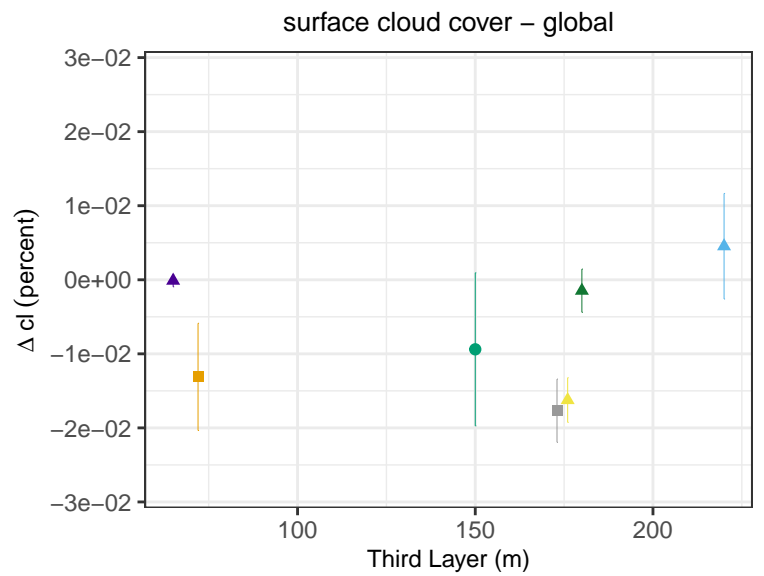
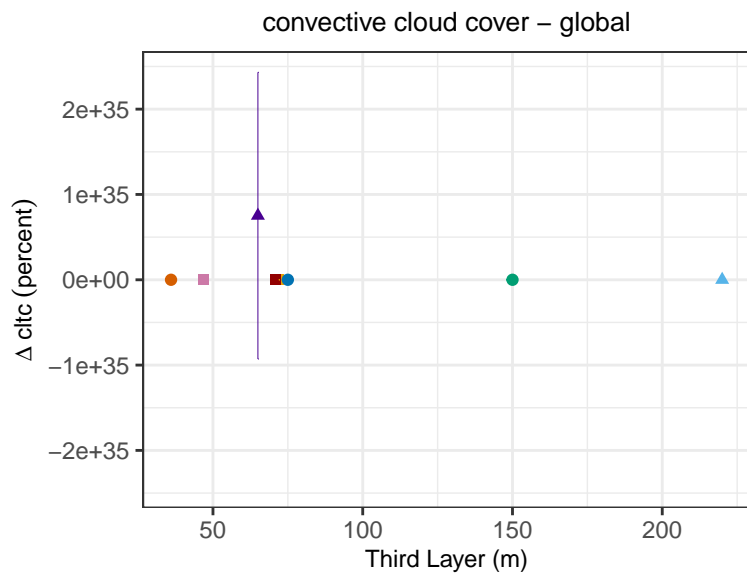
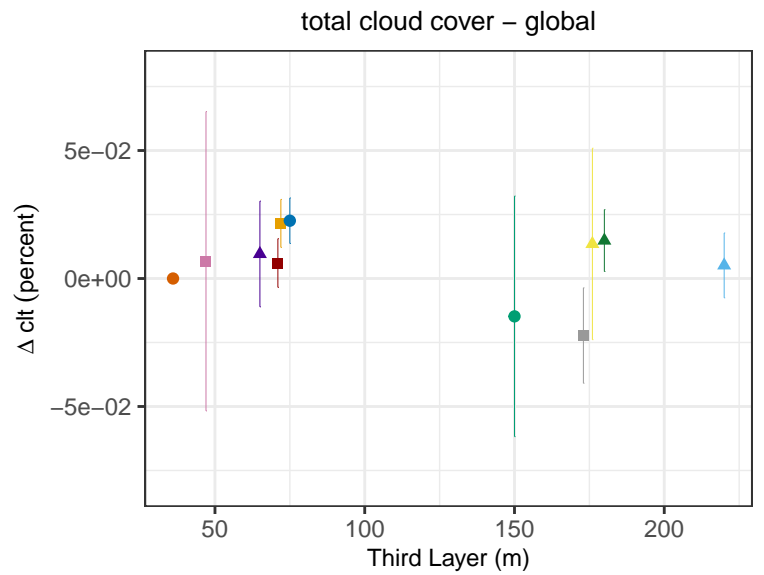
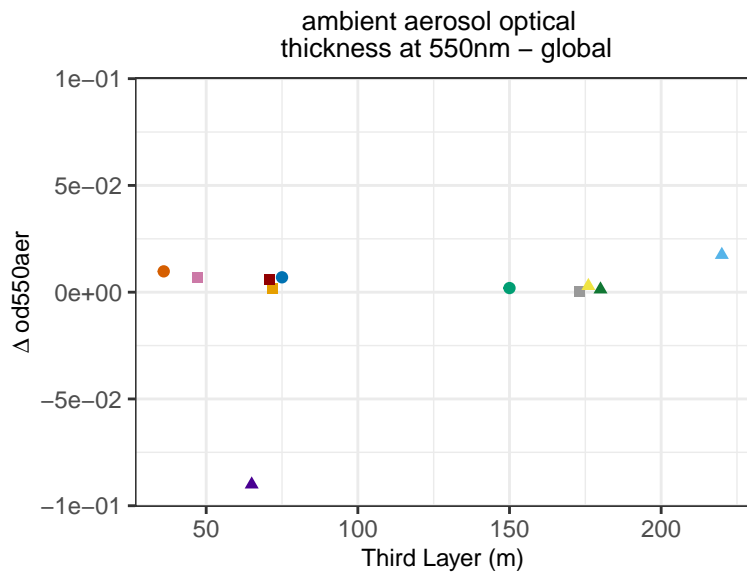
SO<sub>2</sub> timescale – global



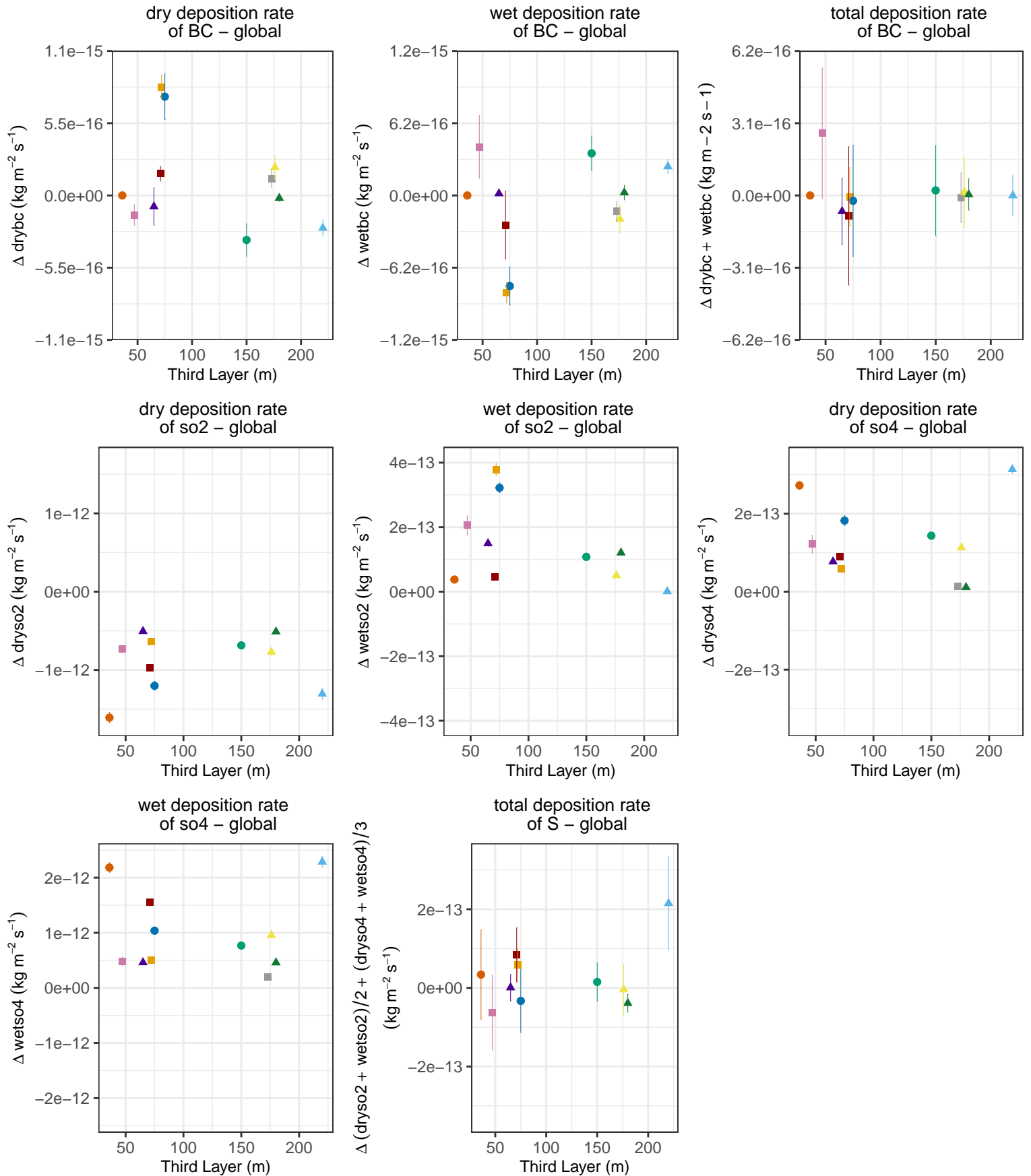
### 3rd Model Layer Summary: SO<sub>2</sub>-at-height (absolute difference)



### 3rd Model Layer Summary: SO<sub>2</sub>-at-height (absolute difference)



### 3rd Model Layer Summary: SO<sub>2</sub>-at-height (absolute difference)



▲ CAM-ATRAS

■ E3SM

▲ GISS modelE

● OsloCTM3

■ CESM

▲ GEOS

■ MIROC-SPRINTARS

■ UKESM1

● CESM2

● GFDL-ESM4

▲ NorESM2