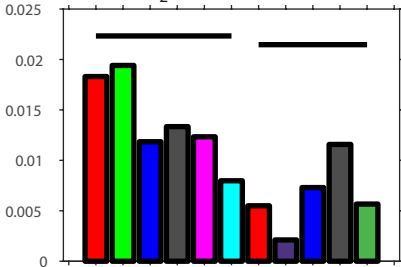
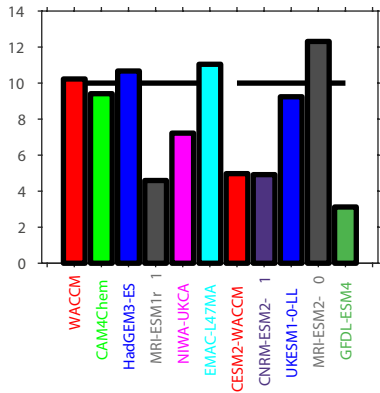
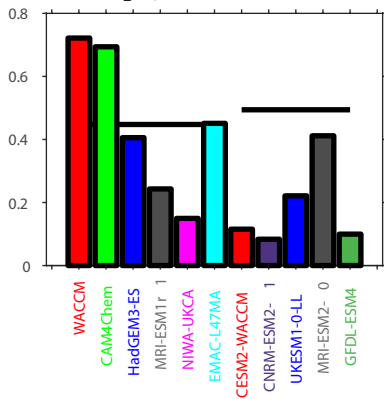


(a) $\beta(\text{H}_2\text{O}_e, \text{QBO})$ [ppmv (m/s)⁻¹]

(b) SD of QBO 50hPa [m/s]

(c) $r(\text{H}_2\text{O}_e, \text{QBO})$ 

(d)

