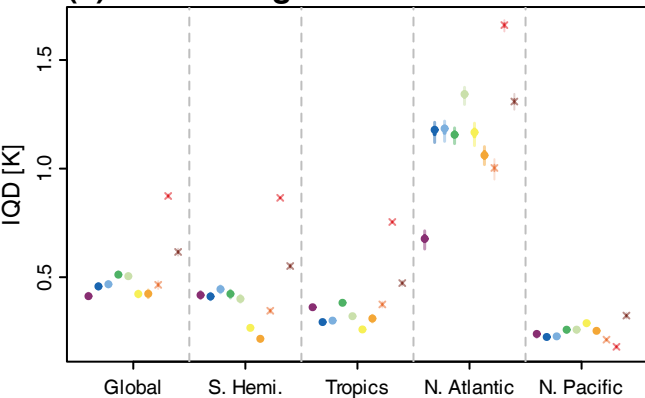
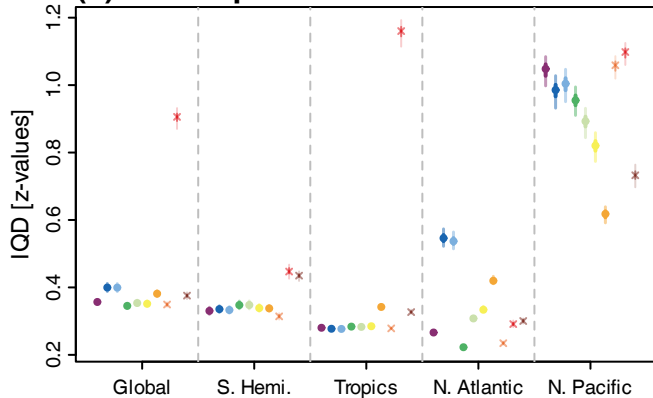
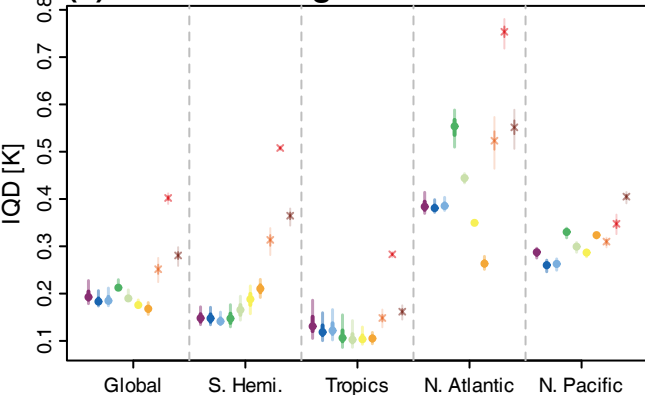


(a) Orbital magnitude deviations**(b) Orbital pattern deviations****(c) Millennial magnitude deviations****(d) Millennial pattern deviations**