Figure S1: zonal means of wet effective aerosol radius, as output directly by the model, for CESM and MIROC. Data are averaged over the last 20 years (2065-2084) of G6-1.5K-SAI.
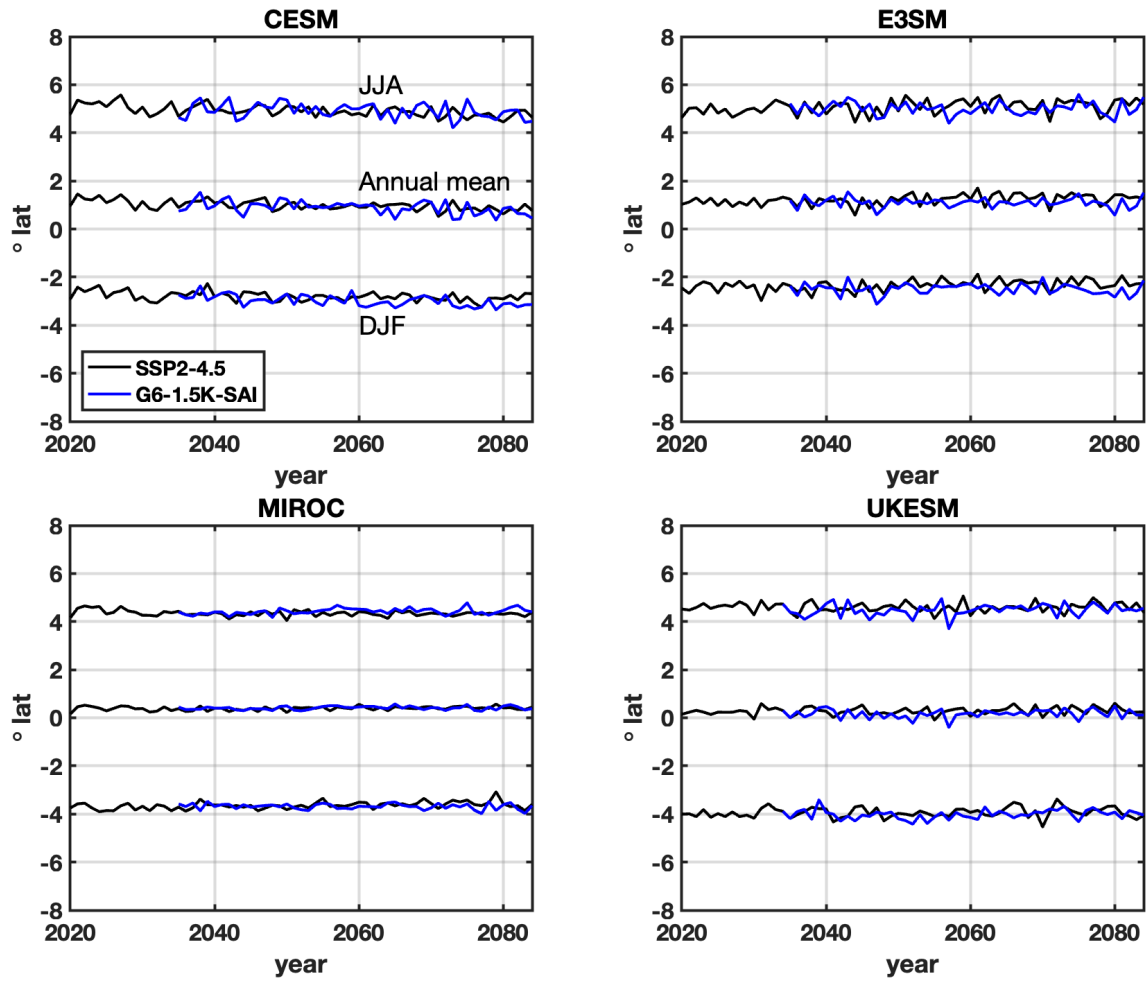
Figure S2: ITCZ position for G6-1.5K-SAI participating models. Summer (JJA, June-July-August), winter (DJF, December-January-February) and annual means are included as indicated, with JJA values in the northern hemisphere, annual mean values near the equator, and DJF values in the southern hemisphere.
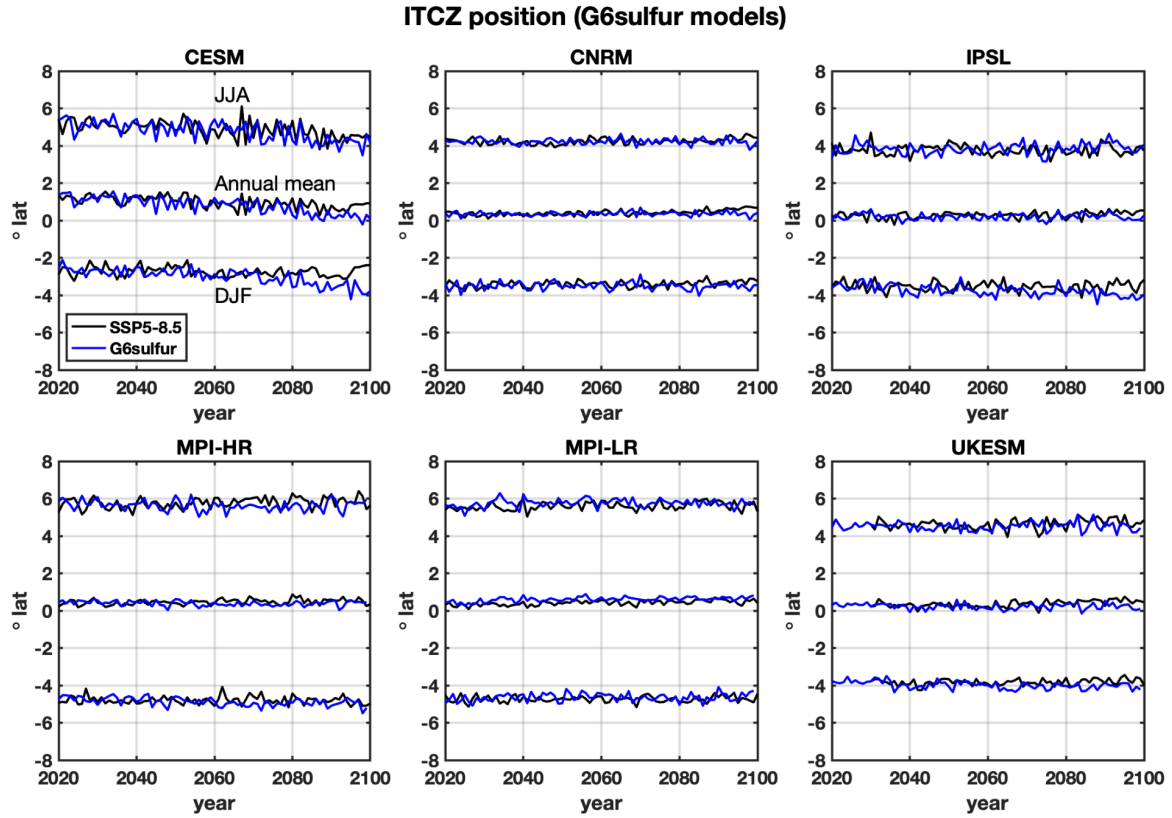
Figure S3: ITCZ position for G6sulfur participating models. Summer (JJA, June-July- August), winter (DJF, December-January-February) and annual means are included as indicated, with JJA values in the northern hemisphere, annual mean values near the equator, and DJF values in the southern hemisphere.