shp–30p–red: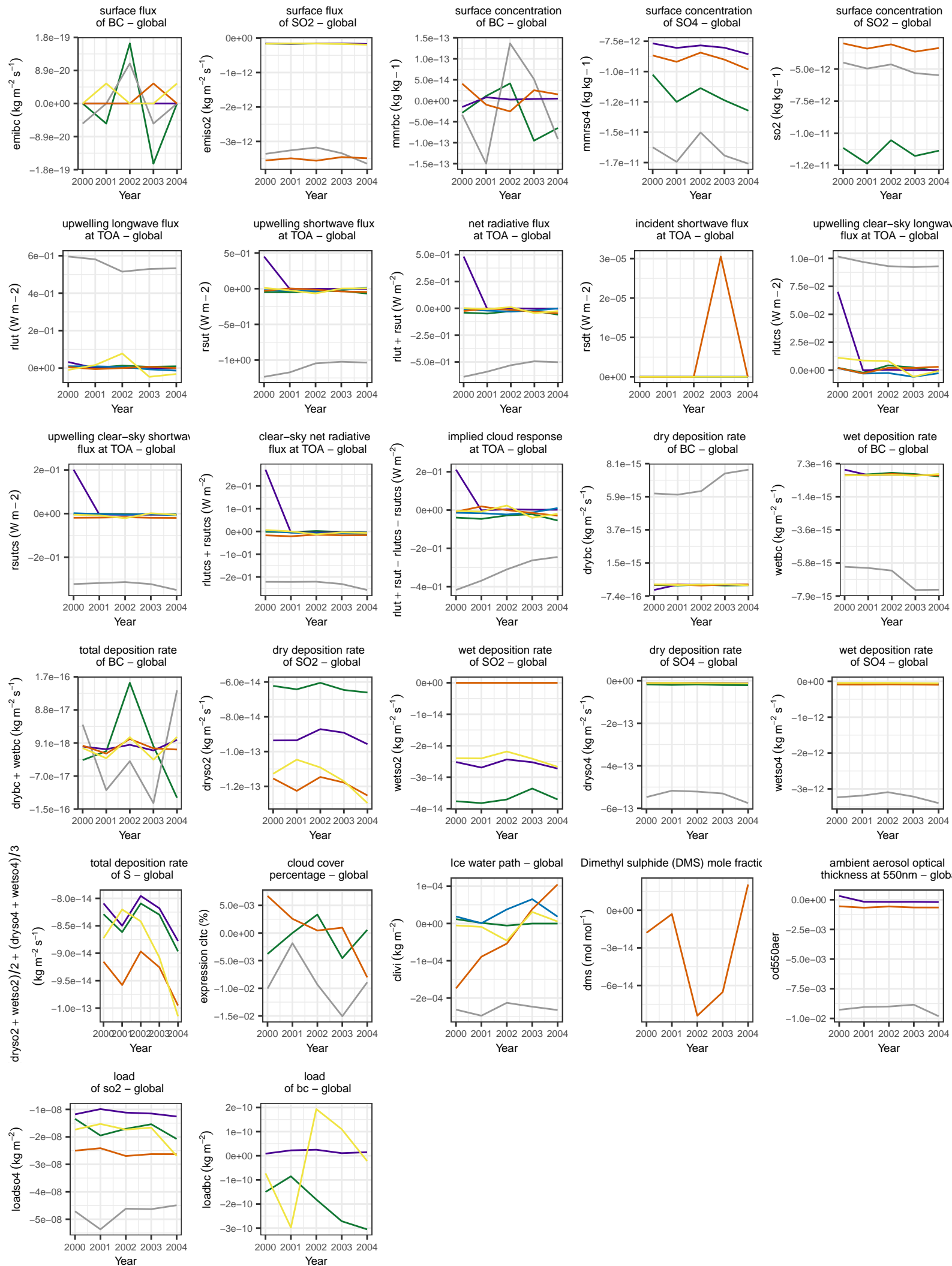 absolute difference