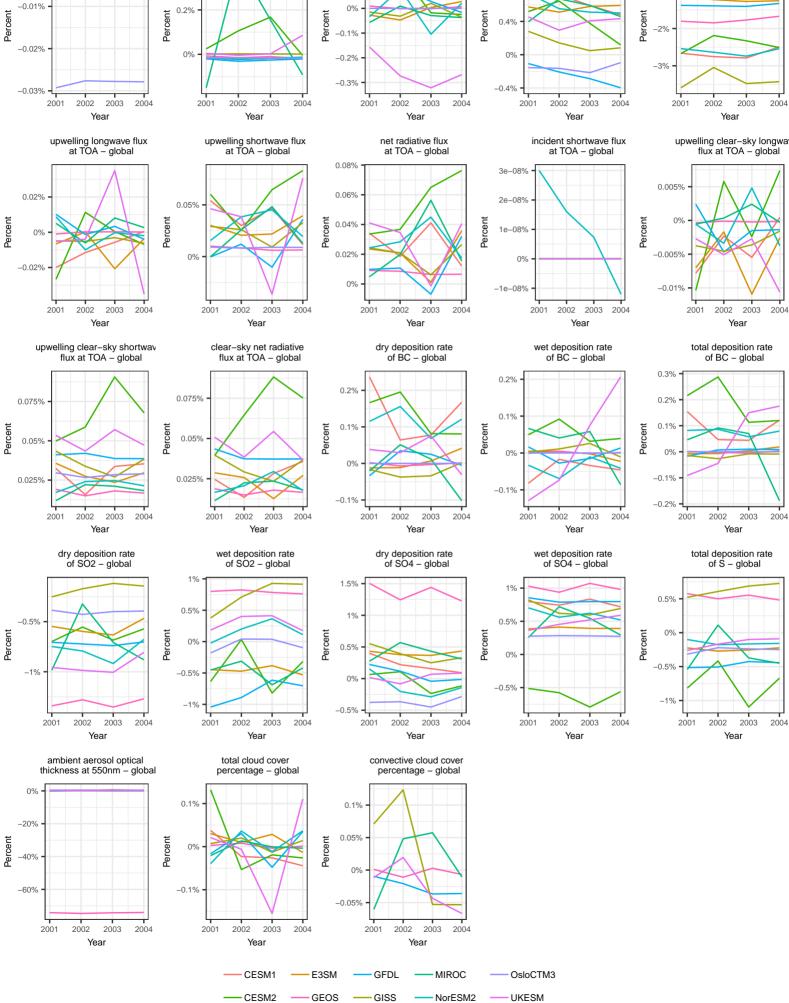
so2-no-season: percent difference surface flux of SO2 – global surface concentration surface concentration of SO4 – global surface concentration of SO2 – global of BC – global 0.2% 0.1% 0.8% 0% Percent -0.1% 0% -0.2% -3% -0.3% _0.4% 2002 2003 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 Year Year Year Year upwelling clear-sky longway flux at TOA - global net radiative flux incident shortwave flux at TOA - global at TOA - global at TOA - global 0.08% 0.005% 0.06% 2e-08% Percent Percent 1e-08% 0.02% 0% 0% -1e-08% -0.01% 2002 2003 2001 2002 2003 2002 2003 2002 2003 Year Year Year Year clear-sky net radiative dry deposition rate wet deposition rate total deposition rate flux at TOA - global of BC - global of BC - global of BC - global 0.2% 0.2% 0.1 0.1% Percent 0% 0% -0.1% -0.19 -0.1% -0.2% 2003 2003 2001 2001 2003 2001 2003 Year Year Year Year total deposition rate of S – global wet deposition rate dry deposition rate wet deposition rate of SO2 – global of SO4 – global of SO4 – global 0.5% 0.5% Percent Percent 0.5% 0% -0.5% 0% -0.5% -0.5% 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 Year total cloud cover convective cloud cover



surface flux of BC – global

0.4%

0%