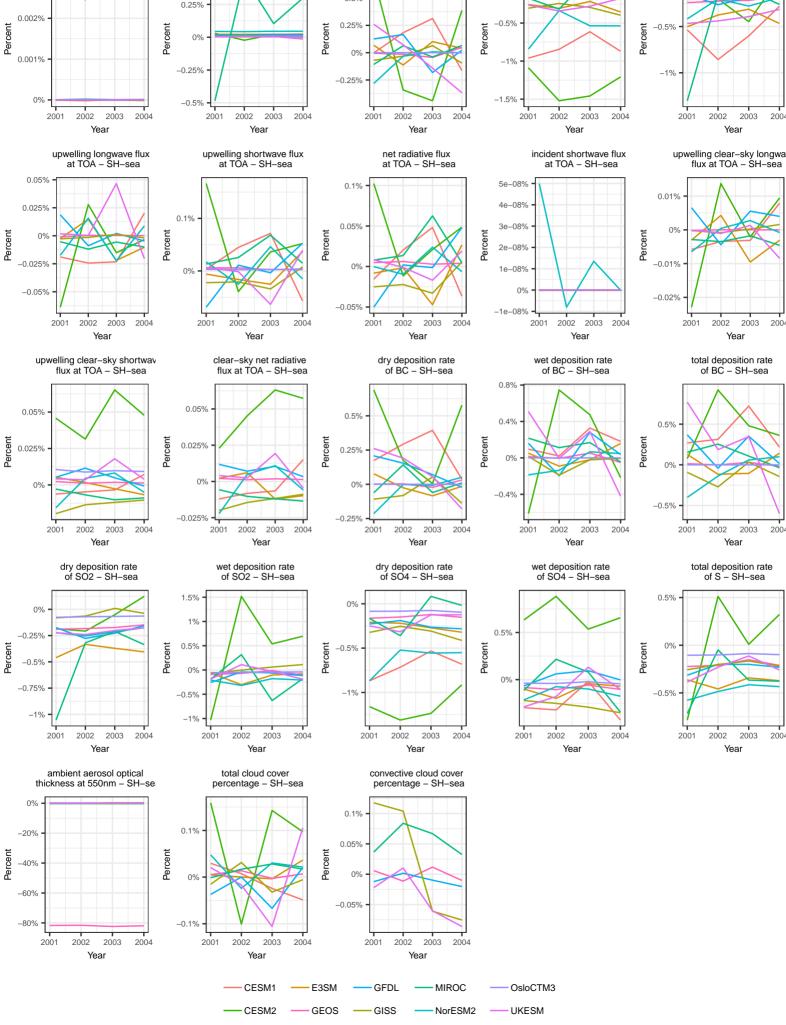
so2-no-season: percent difference surface concentration of BC – SH–sea surface flux of SO2 – SH–sea surface concentration of SO4 – SH–sea surface concentration of SO2 – SH–sea 0.5% 0% 0% 0.25% -0.5% 0.25% Percent Percent Percent Percent 0% 0% -0.25% -0.25% 2001 2002 2003 2004 2001 2002 2003 2001 2002 2003 2001 2002 2003 Year Year Year Year upwelling shortwave flux at TOA – SH-sea net radiative flux at TOA – SH–sea upwelling clear–sky longwav flux at TOA – SH–sea incident shortwave flux at TOA - SH-sea 0.1% 4e-08% 0.05% 3e-08% Percent Percent 2e-08% -0.01% 0% 1e-08% -0.02° -0.05% 2001 2002 2003 2002 2003 2001 2002 2003 2001 2002 2003 Year Year Year Year clear-sky net radiative dry deposition rate wet deposition rate total deposition rate flux at TOA - SH-sea of BC - SH-sea of BC - SH-sea of BC - SH-sea 0.8% 0.05% 0.4% Percent Percent 0.025% 0.25% 0% 0% -0.4% -0.5% -0.25 2003 2001 2002 2001 2003 2001 2003 2001 2003 Year Year Year Year dry deposition rate of SO4 – SH-sea total deposition rate of S – SH–sea wet deposition rate wet deposition rate of SO2 - SH-sea of SO4 - SH-sea 1.5% 0.5% 0.5% 0.5% Percent -0.5% Percent Percent Percent 0% -0.5% -0.5% 2001 2002 2003 2001 2002 2003 2004 2001 2002 2003 2004 2001 2002 2003 2004 Year Year Year convective cloud cover total cloud cover percentage - SH-sea percentage - SH-sea 0.1% 0.05%



surface flux of BC – SH–sea

0.003%