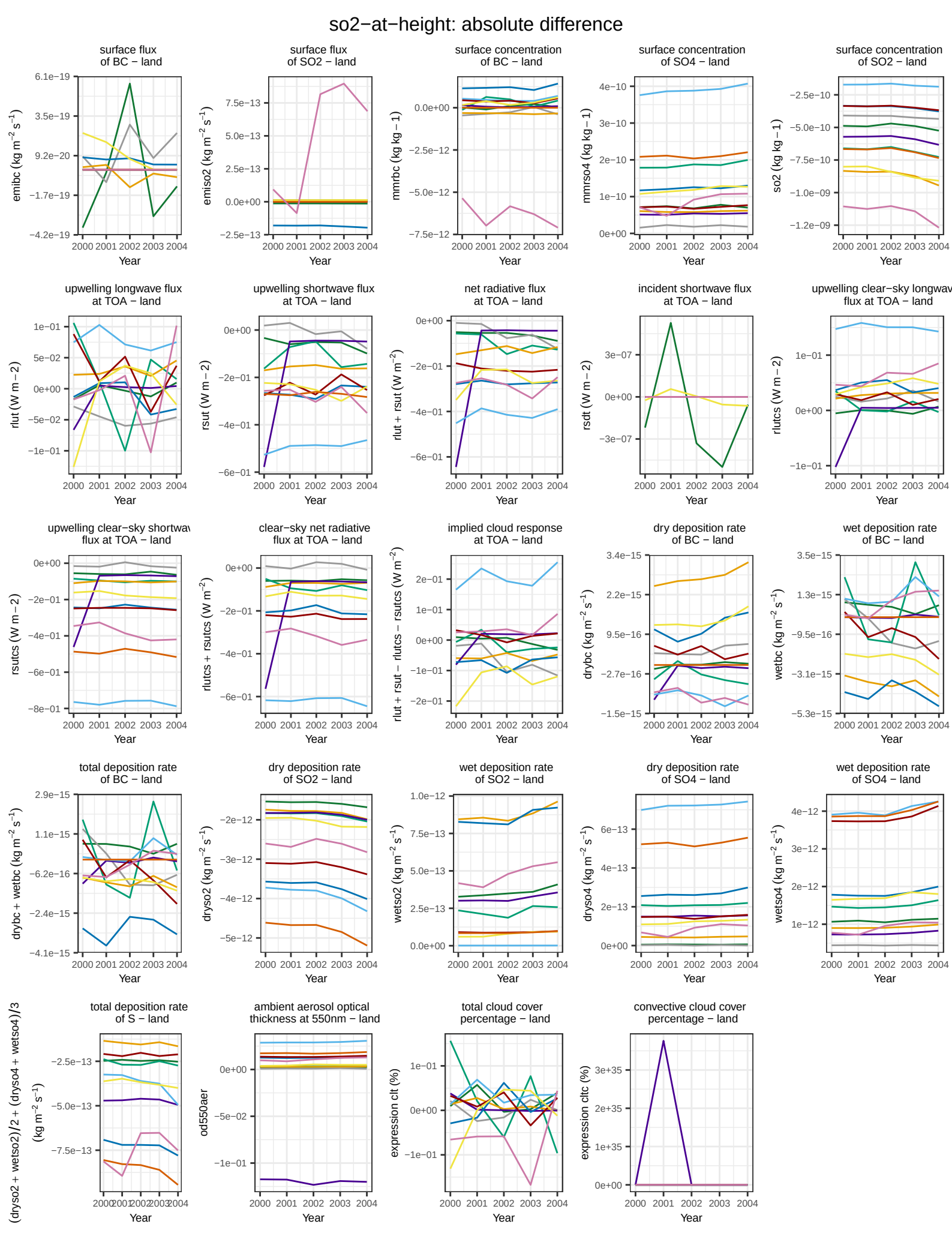
so2−at−height: absolute difference
surface flux of BC − land
emibc (kg m−2 s−1)
surface flux of SO2 − land
emiso2 (kg m−2 s−1)
surface concentration of BC − land
mmrbc (kg kg − 1)
surface concentration of SO4 − land
mmrso4 (kg kg − 1)
surface concentration of SO2 − land
so2 (kg kg − 1)
upwelling longwave flux at TOA − land
rlut (W m − 2)
upwelling shortwave flux at TOA − land
rsut (W m − 2)
net radiative flux at TOA − land
rlut + rsut (W m−2)
incident shortwave flux at TOA − land
rsdt (W m − 2)
upwelling clear−sky longwav flux at TOA − land
rlutcs (W m − 2)
upwelling clear−sky shortwa flux at TOA − land
rsutcs (W m − 2)
clear−sky net radiative flux at TOA − land
rlutcs + rsutcs (W m−2)
implied cloud response at TOA − land
rlut + rsut − rlutcs − rsutcs (W m−2)
dry deposition rate of BC − land
drybc (kg m−2 s−1)
wet deposition rate of BC − land
wetbc (kg m−2 s−1)
total deposition rate of BC − land
drybc + wetbc (kg m−2 s−1)
dry deposition rate of SO2 − land
dryso2 (kg m−2 s−1)
wet deposition rate of SO2 − land
wetso2 (kg m−2 s−1)
dry deposition rate of SO4 − land
dryso4 (kg m−2 s−1)
wet deposition rate of SO4 − land
wetso4 (kg m−2 s−1)
total deposition rate of S − land
(dryso2 + wetso2)/2 + (dryso4 + wetso4)/3 (kg m−2 s−1)
ambient aerosol optical thickness at 550nm − land
od550aer
total cloud cover percentage − land
expression clt (%)
convective cloud cover percentage − land
expression cltc (%)
Year
CAM−ATRAS
CESM
CESM2
E3SM
GEOS
GFDL−ESM4
GISS modelE
MIROC−SPRINTARS
NorESM2
OsloCTM3
UKESM1