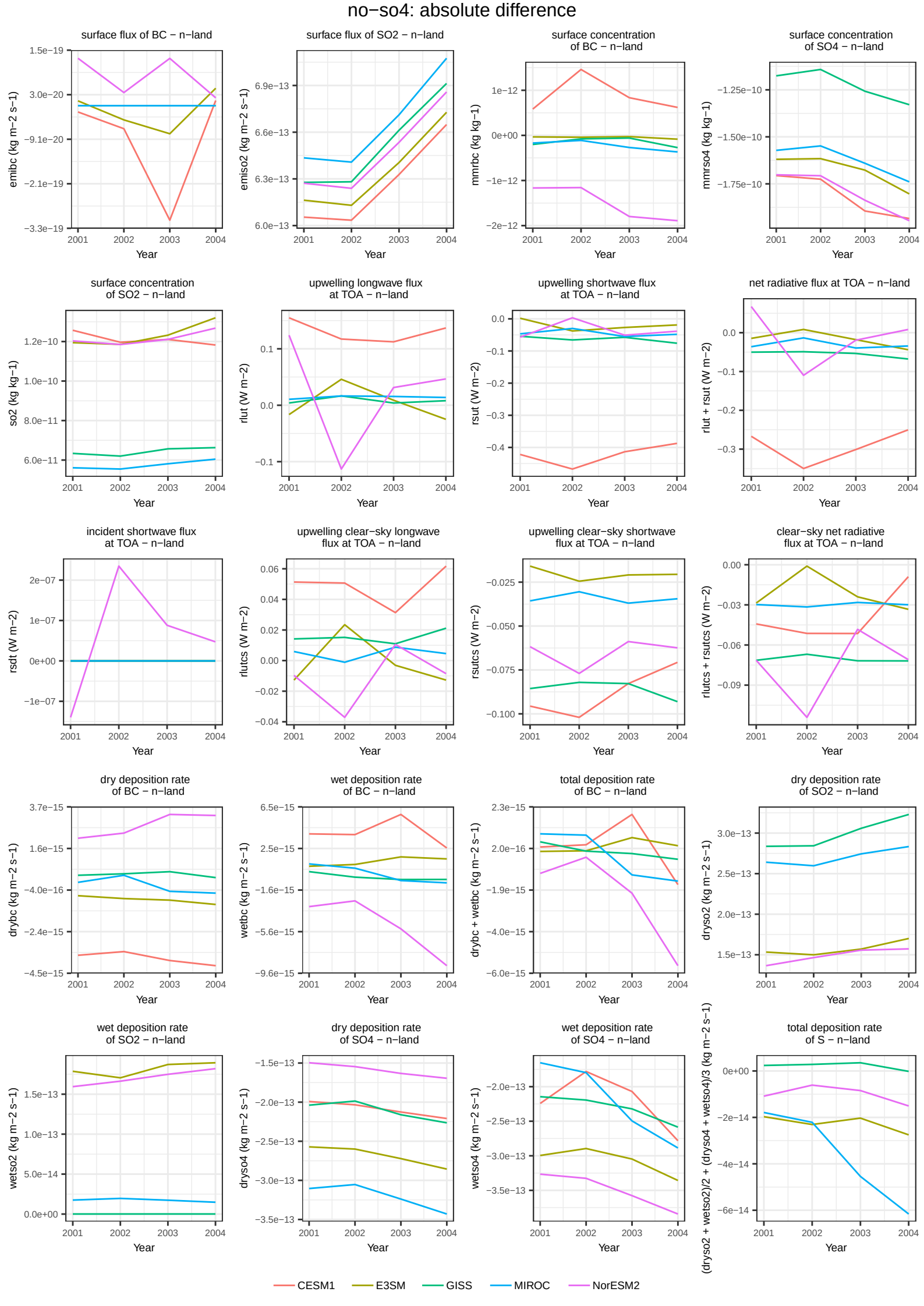
no−so4: absolute difference
surface flux of BC − n−land
emibc (kg m−2 s−1)
surface flux of SO2 − n−land
emiso2 (kg m−2 s−1)
surface concentration of BC − n−land
mmrbc (kg kg−1)
surface concentration of SO4 − n−land
mmrso4 (kg kg−1)
surface concentration of SO2 − n−land
so2 (kg kg−1)
upwelling longwave flux at TOA − n−land
rlut (W m−2)
upwelling shortwave flux at TOA − n−land
rsut (W m−2)
net radiative flux at TOA − n−land
rlut + rsut (W m−2)
incident shortwave flux at TOA − n−land
rsdt (W m−2)
upwelling clear−sky longwave flux at TOA − n−land
rlutcs (W m−2)
upwelling clear−sky shortwave flux at TOA − n−land
rsutcs (W m−2)
clear−sky net radiative flux at TOA − n−land
rlutcs + rsutcs (W m−2)
dry deposition rate of BC − n−land
drybc (kg m−2 s−1)
wet deposition rate of BC − n−land
wetbc (kg m−2 s−1)
total deposition rate of BC − n−land
drybc + wetbc (kg m−2 s−1)
dry deposition rate of SO2 − n−land
dryso2 (kg m−2 s−1)
wet deposition rate of SO2 − n−land
wetso2 (kg m−2 s−1)
dry deposition rate of SO4 − n−land
dryso4 (kg m−2 s−1)
wet deposition rate of SO4 − n−land
wetso4 (kg m−2 s−1)
total deposition rate of S − n−land
(dryso2 + wetso2)/2 + (dryso4 + wetso4)/3 (kg m−2 s−1)
Year
CESM1
E3SM
GISS
MIROC
NorESM2