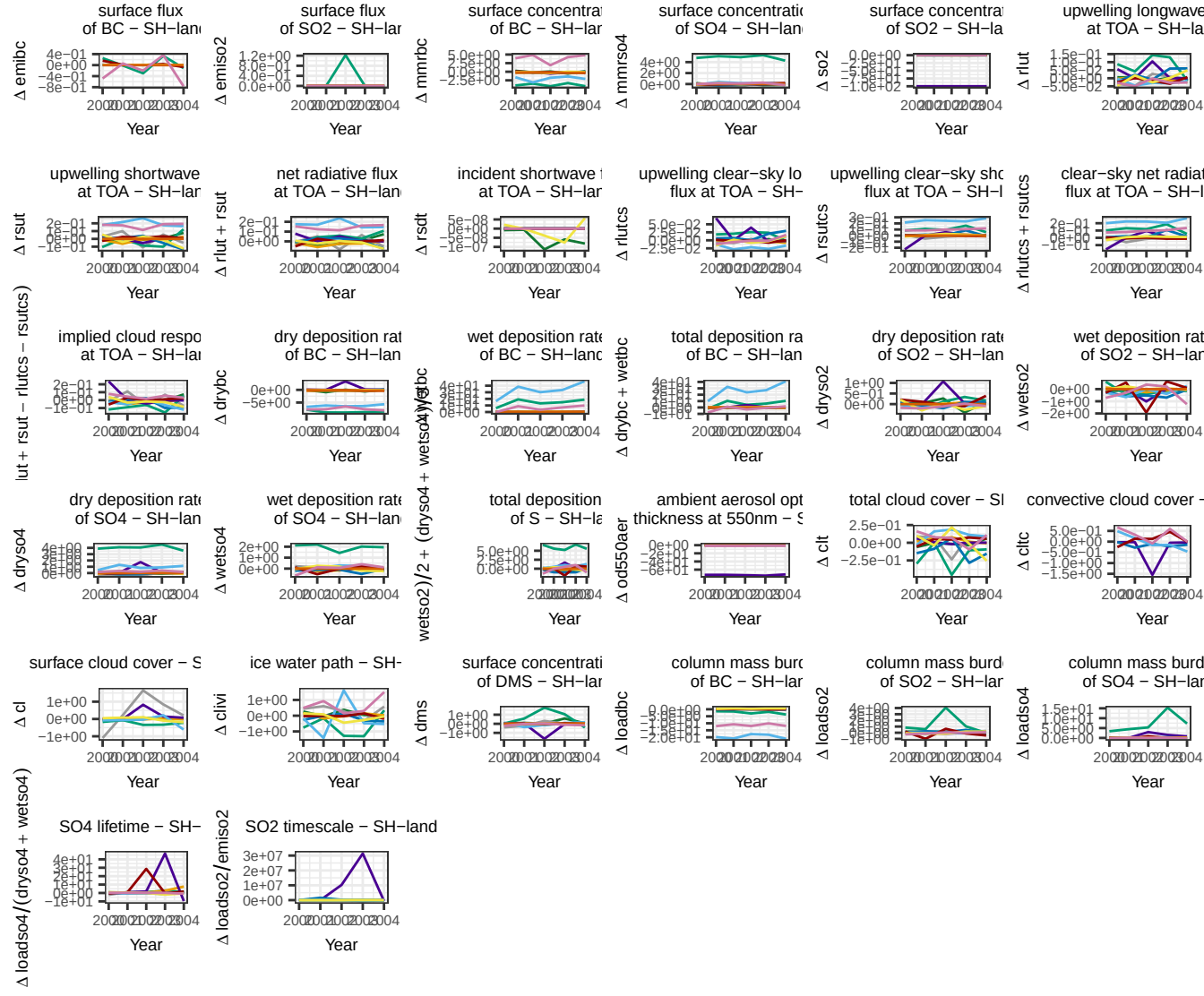
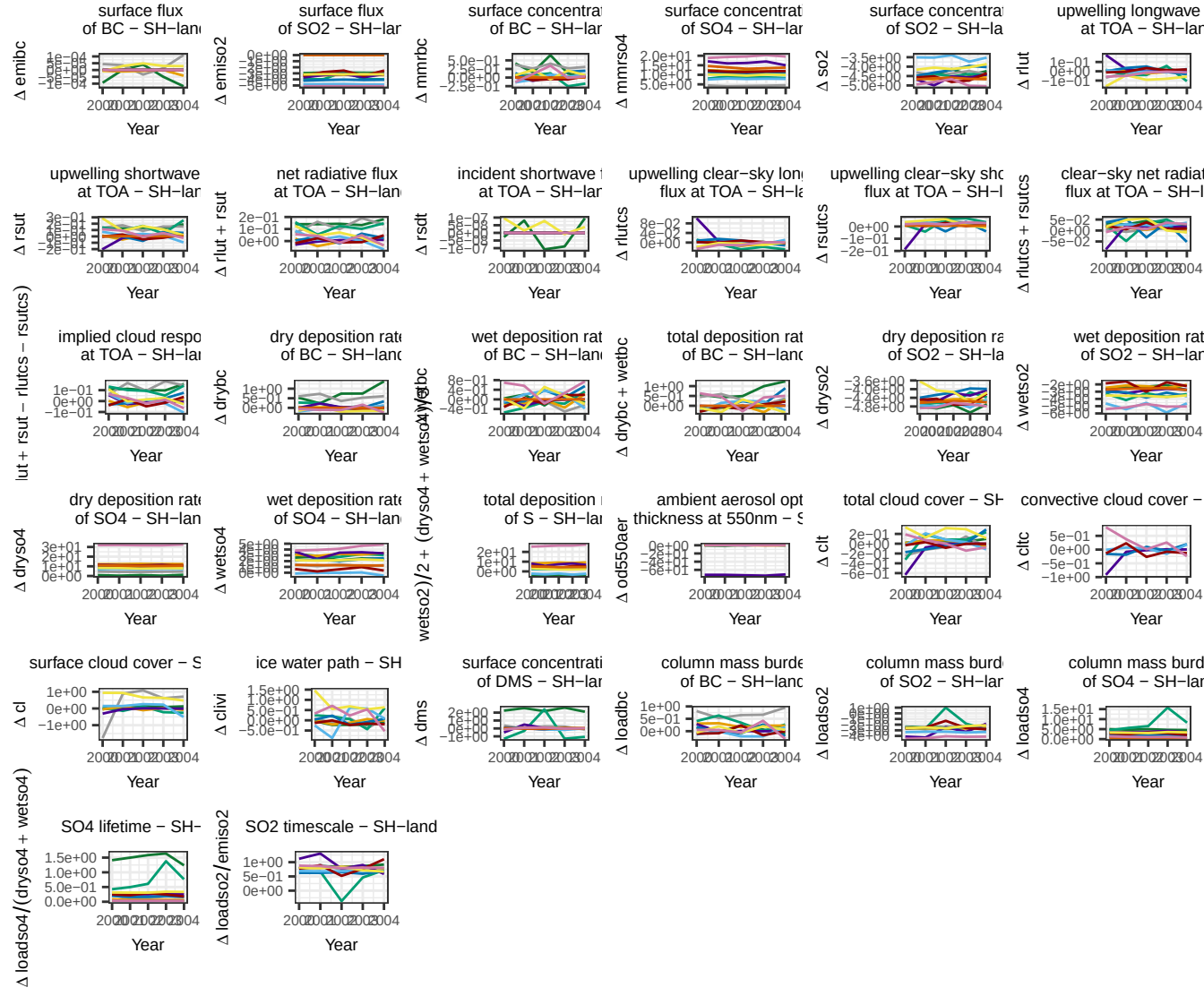
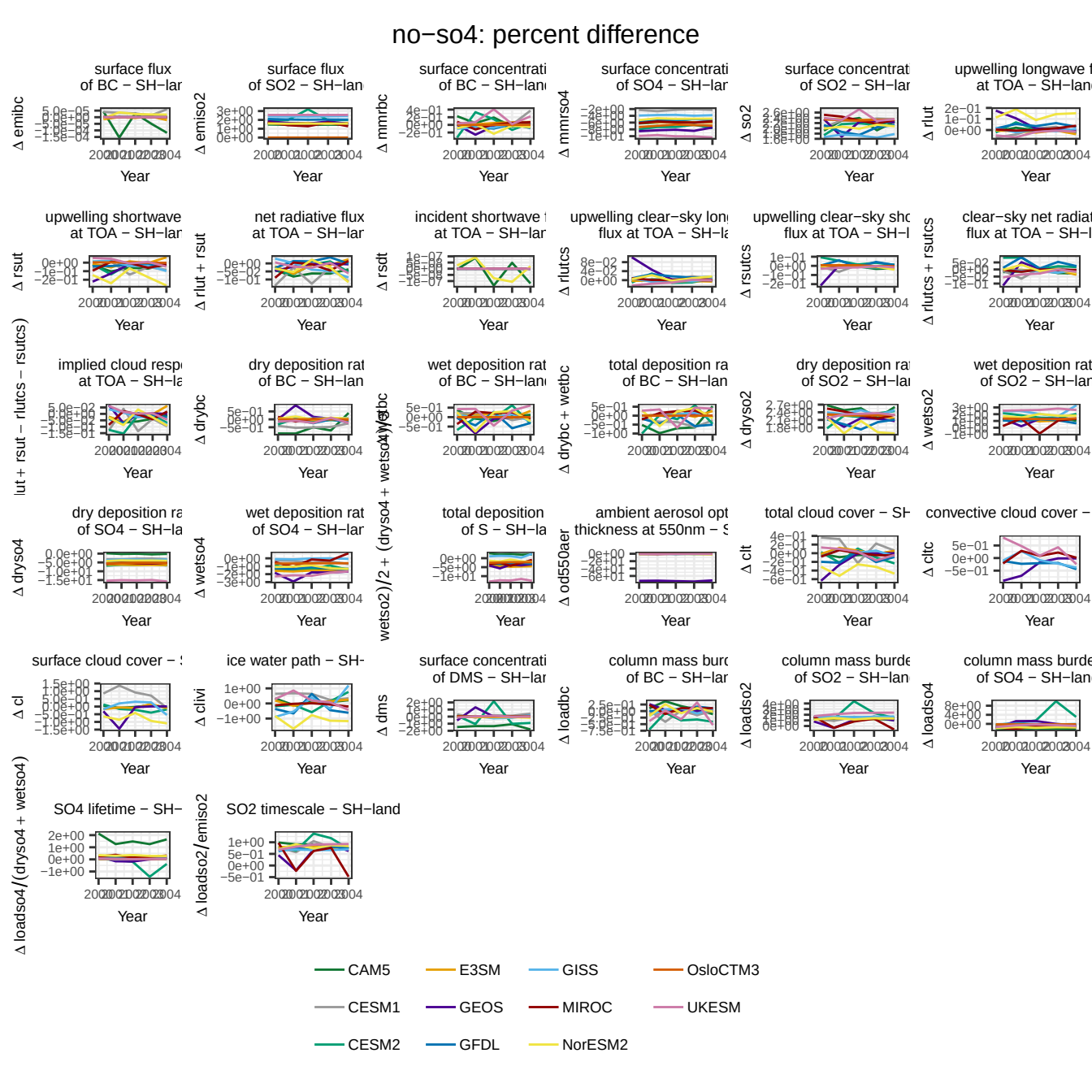
bc−no−season: percent difference

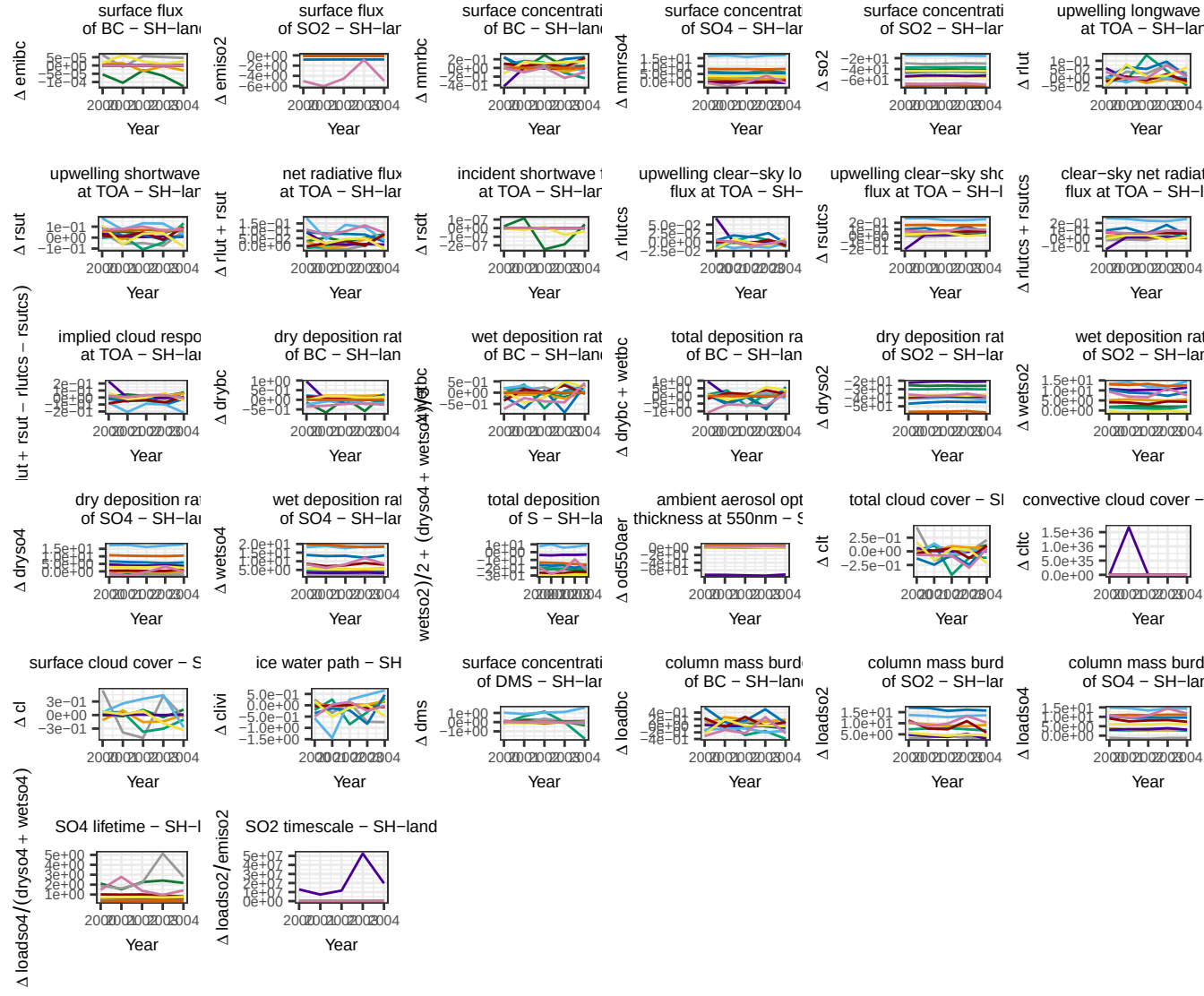


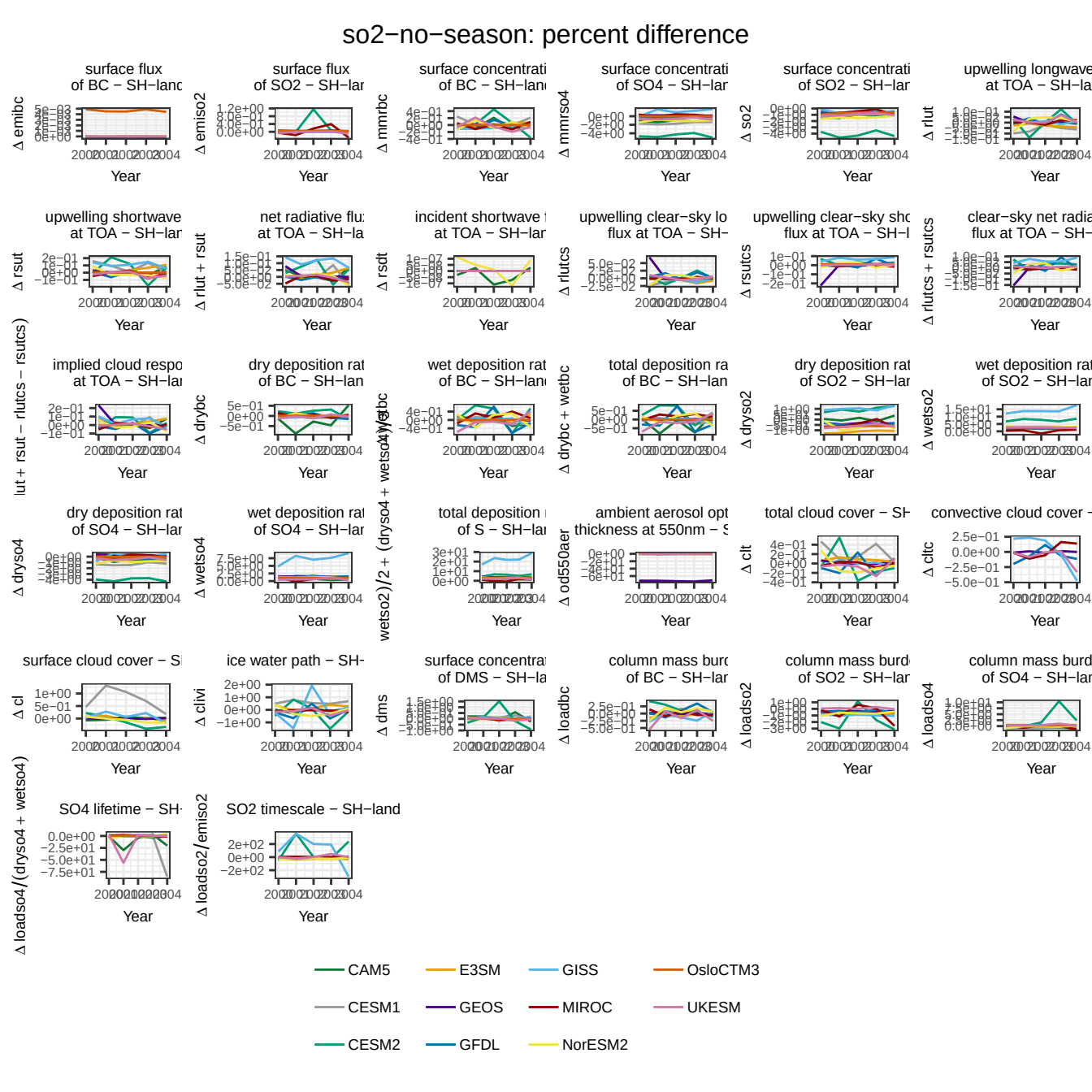
high−so4: percent difference




no−so4: percent difference
surface flux of BC − SH−lar
surface flux of SO2 − SH−lan
surface concentrati of BC − SH−lan
surface concentrati of SO4 − SH−lar
surface concentrat of SO2 − SH−lar
upwelling longwave f at TOA − SH−lan
upwelling shortwave at TOA − SH−lar
net radiative flux at TOA − SH−lar
incident shortwave at TOA − SH−lar
upwelling clear−sky lon flux at TOA − SH−la
upwelling clear−sky sho flux at TOA − SH−l
clear−sky net radiat flux at TOA − SH−l
implied cloud resp at TOA − SH−la
dry deposition rat of BC − SH−lan
wet deposition rat of BC − SH−lan
total deposition ra of BC − SH−lan
dry deposition ra of SO2 − SH−la
wet deposition rat of SO2 − SH−lar
dry deposition ra of SO4 − SH−la
wet deposition rat of SO4 − SH−lar
total deposition of S − SH−la
ambient aerosol opt thickness at 550nm − S
total cloud cover − SH
convective cloud cover −
surface cloud cover − S
ice water path − SH−
surface concentrati of DMS − SH−lar
column mass burd of BC − SH−lar
column mass burde of SO2 − SH−lan
column mass burde of SO4 − SH−lan
SO4 lifetime − SH−
SO2 timescale − SH−land
Year
CAM5
E3SM
GISS
OsloCTM3
CESM1
GEOS
MIROC
UKESM
CESM2
GFDL
NorESM2

so2−at−height: percent difference




so2−no−season: percent difference
surface flux of BC − SH−land
surface flux of SO2 − SH−lar
surface concentrati of BC − SH−lan
surface concentrati of SO4 − SH−lar
surface concentrati of SO2 − SH−lar
upwelling longwave at TOA − SH−la
upwelling shortwave at TOA − SH−lar
net radiative flu at TOA − SH−la
incident shortwave at TOA − SH−lar
upwelling clear−sky lo flux at TOA − SH−
upwelling clear−sky sho flux at TOA − SH−l
clear−sky net radia flux at TOA − SH−
implied cloud respo at TOA − SH−lan
dry deposition rat of BC − SH−lan
wet deposition rat of BC − SH−lan
total deposition ra of BC − SH−lan
dry deposition rat of SO2 − SH−lar
wet deposition rat of SO2 − SH−lar
dry deposition rat of SO4 − SH−lar
wet deposition rat of SO4 − SH−lar
total deposition of S − SH−lan
ambient aerosol opt thickness at 550nm − S
total cloud cover − SH
convective cloud cover −
surface cloud cover − S
ice water path − SH−
surface concentrat of DMS − SH−la
column mass burd of BC − SH−lar
column mass burd of SO2 − SH−lar
column mass burd of SO4 − SH−lar
SO4 lifetime − SH−
SO2 timescale − SH−land
Δ emibc
Δ emiso2
Δ mmrbc
Δ mmrso4
Δ so2
Δ rlut
Δ rsut
Δ rlut + rsut
Δ rsdt
Δ rlutcs
Δ rsutcs
Δ rlutcs + rsutcs
Δ rsut + rlut − rlutcs − rsutcs
Δ drybc
Δ drybc + wetbc
Δ dryso2
Δ wetso2
Δ dryso4
Δ wetso4
Δ (wetso4 + wetso2)/2 + (dryso4 + wetbc
Δ od550aer
Δ clt
Δ cltc
Δ cl
Δ clivi
Δ dms
Δ loadbc
Δ loadso2
Δ loadso4
Δ loadso4/(dryso4 + wetso4)
Δ loadso2/emiso2
Year
CAM5
E3SM
GISS
OsloCTM3
CESM1
GEOS
MIROC
UKESM
CESM2
GFDL
NorESM2