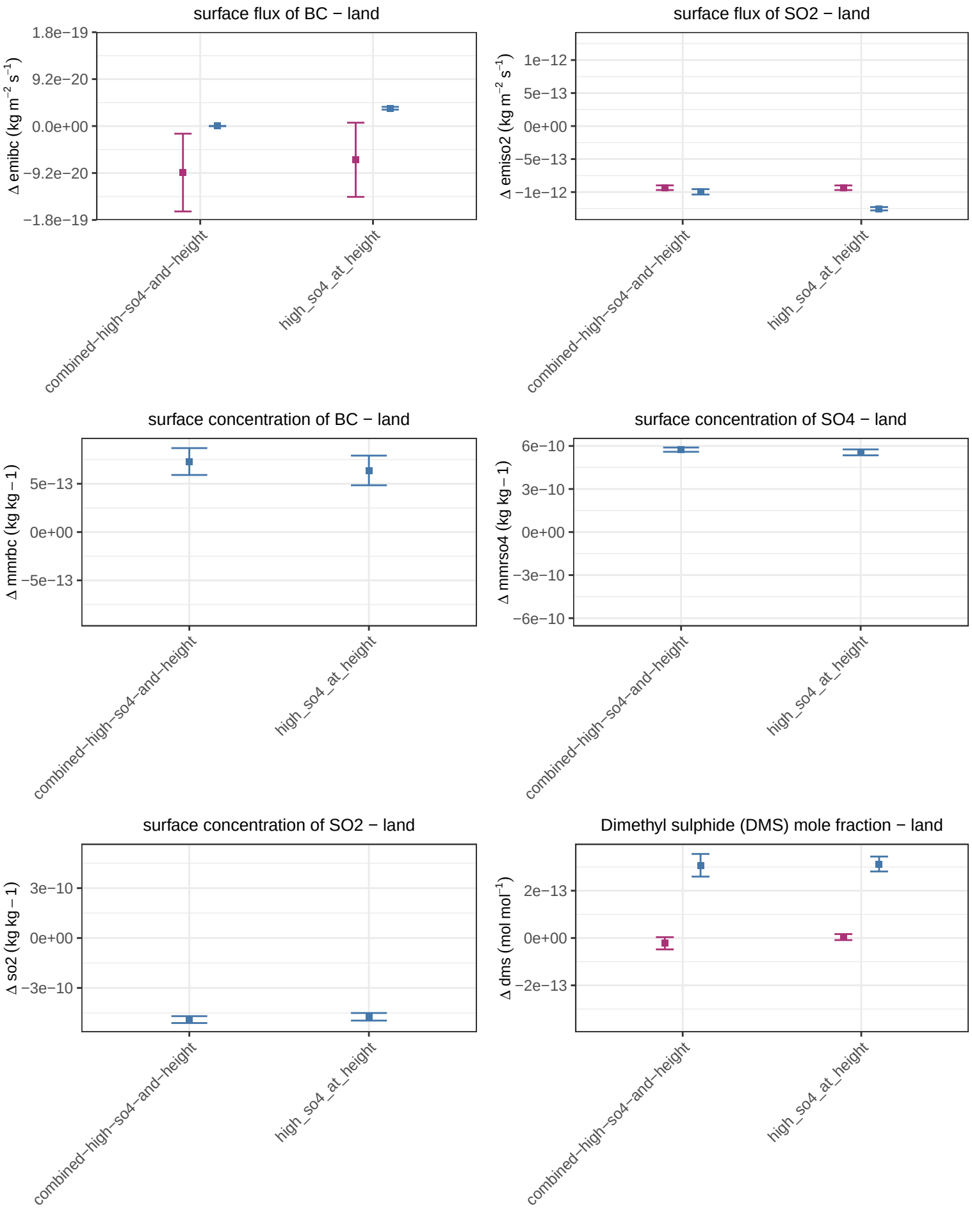
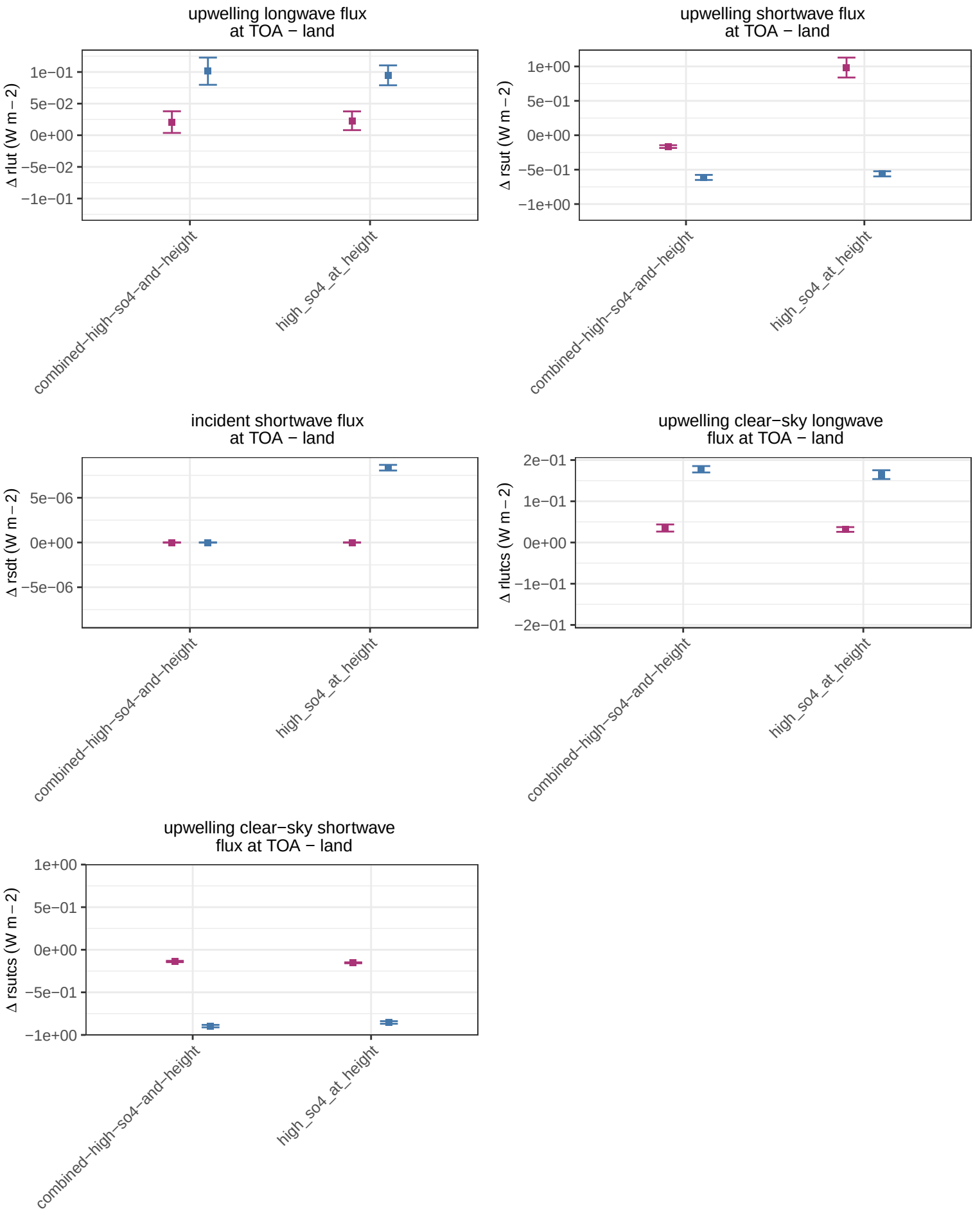
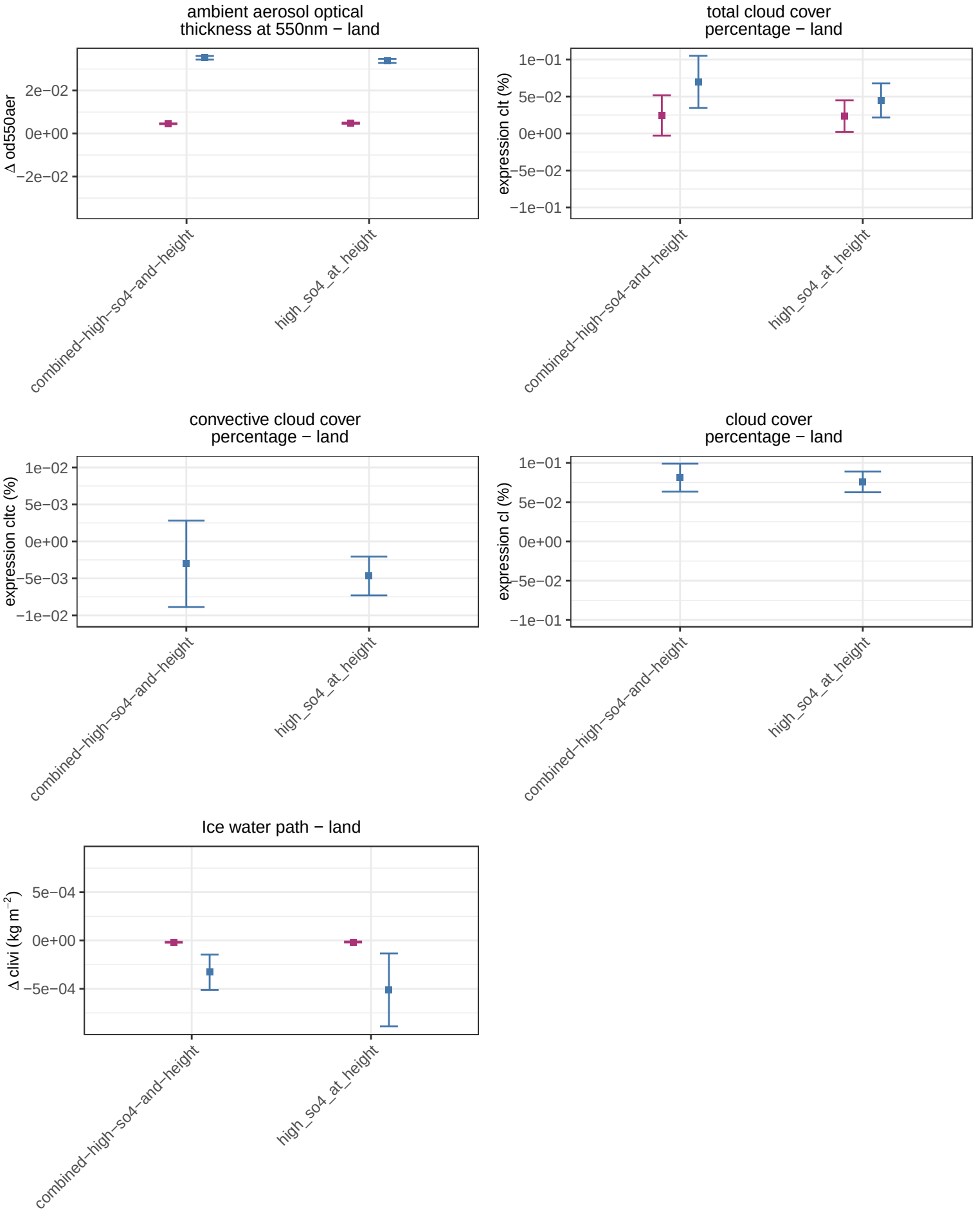
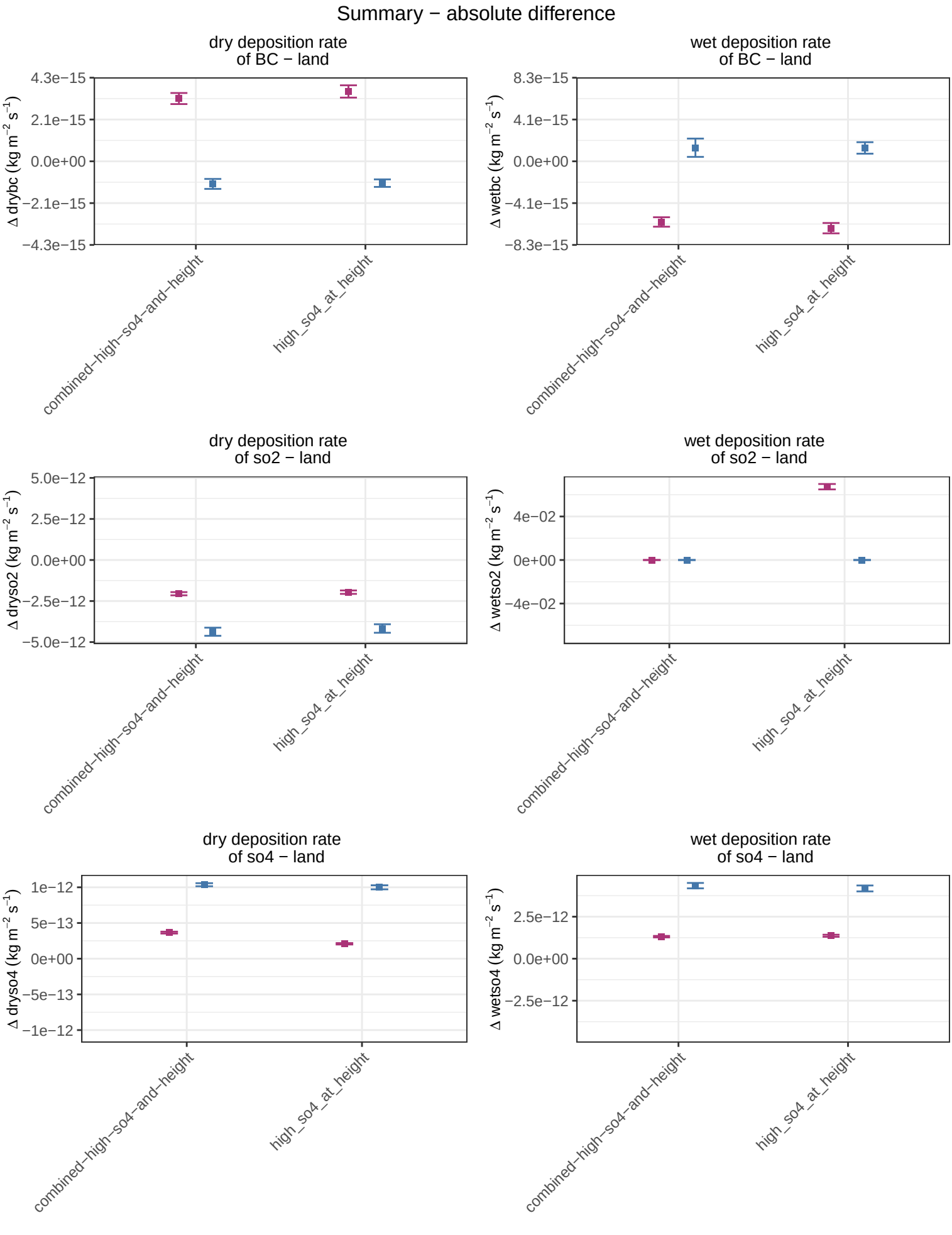

Summary − absolute difference
surface flux of BC − land
Δ emibc (kg m−2 s−1)
1.8e−19
9.2e−20
0.0e+00
−9.2e−20
−1.8e−19
surface flux of SO2 − land
Δ emiso2 (kg m−2 s−1)
1e−12
5e−13
0e+00
−5e−13
−1e−12
surface concentration of BC − land
Δ mmrbc (kg kg − 1)
5e−13
0e+00
−5e−13
surface concentration of SO4 − land
Δ mmrso4 (kg kg − 1)
6e−10
3e−10
0e+00
−3e−10
−6e−10
surface concentration of SO2 − land
Δ so2 (kg kg − 1)
3e−10
0e+00
−3e−10
Dimethyl sulphide (DMS) mole fraction − land
Δ dms (mol mol−1)
2e−13
0e+00
−2e−13
combined−high−so4−and−height
high_so4_at_height
E3SM
GISS−E2.1


Summary − absolute difference
upwelling longwave flux at TOA − land
Δ rlut (W m − 2)
1e−01
5e−02
0e+00
−5e−02
−1e−01
combined−high−so4−and−height
high_so4_at_height
upwelling shortwave flux at TOA − land
Δ rsut (W m − 2)
1e+00
5e−01
0e+00
−5e−01
−1e+00
combined−high−so4−and−height
high_so4_at_height
incident shortwave flux at TOA − land
Δ rsdt (W m − 2)
5e−06
0e+00
−5e−06
combined−high−so4−and−height
high_so4_at_height
upwelling clear−sky longwave flux at TOA − land
Δ rlutcs (W m − 2)
2e−01
1e−01
0e+00
−1e−01
−2e−01
combined−high−so4−and−height
high_so4_at_height
upwelling clear−sky shortwave flux at TOA − land
Δ rsutcs (W m − 2)
1e+00
5e−01
0e+00
−5e−01
−1e+00
combined−high−so4−and−height
high_so4_at_height
E3SM
GISS−E2.1

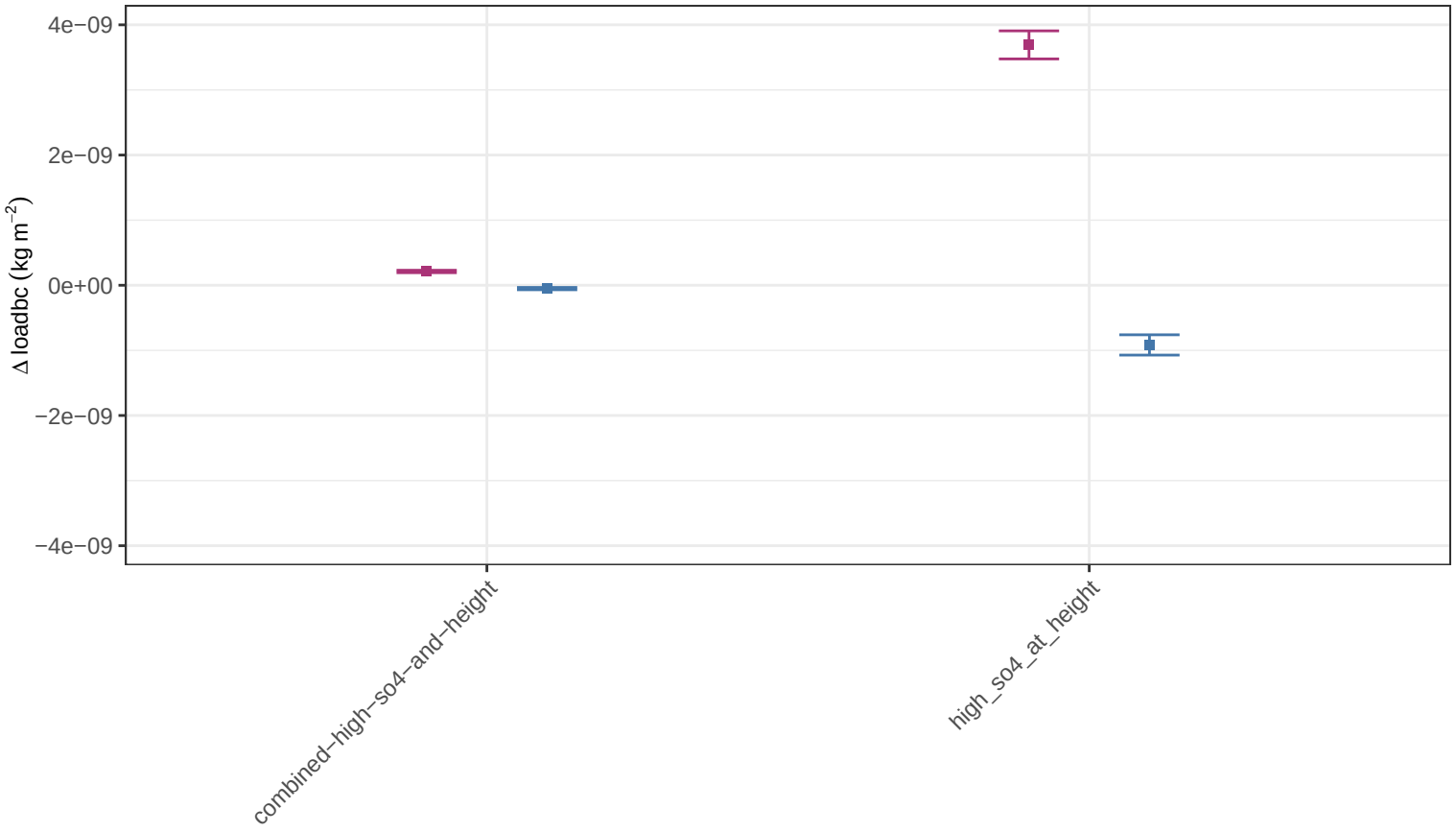
Summary − absolute difference




Summary − absolute difference
dry deposition rate of BC − land
wet deposition rate of BC − land
dry deposition rate of so2 − land
wet deposition rate of so2 − land
dry deposition rate of so4 − land
wet deposition rate of so4 − land
Δ drybc (kg m−2 s−1)
Δ wetbc (kg m−2 s−1)
Δ dryso2 (kg m−2 s−1)
Δ wetso2 (kg m−2 s−1)
Δ dryso4 (kg m−2 s−1)
Δ wetso4 (kg m−2 s−1)
4.3e−15
2.1e−15
0.0e+00
−2.1e−15
−4.3e−15
8.3e−15
4.1e−15
−4.1e−15
−8.3e−15
5.0e−12
2.5e−12
−2.5e−12
−5.0e−12
4e−02
−4e−02
1e−12
5e−13
−5e−13
−1e−12
2.5e−12
combined−high−so4−and−height
high_so4_at_height
E3SM
GISS−E2.1

Summary − absolute difference

load
of bc − land



load
of so4 − land

E3SM GISS−E2.1