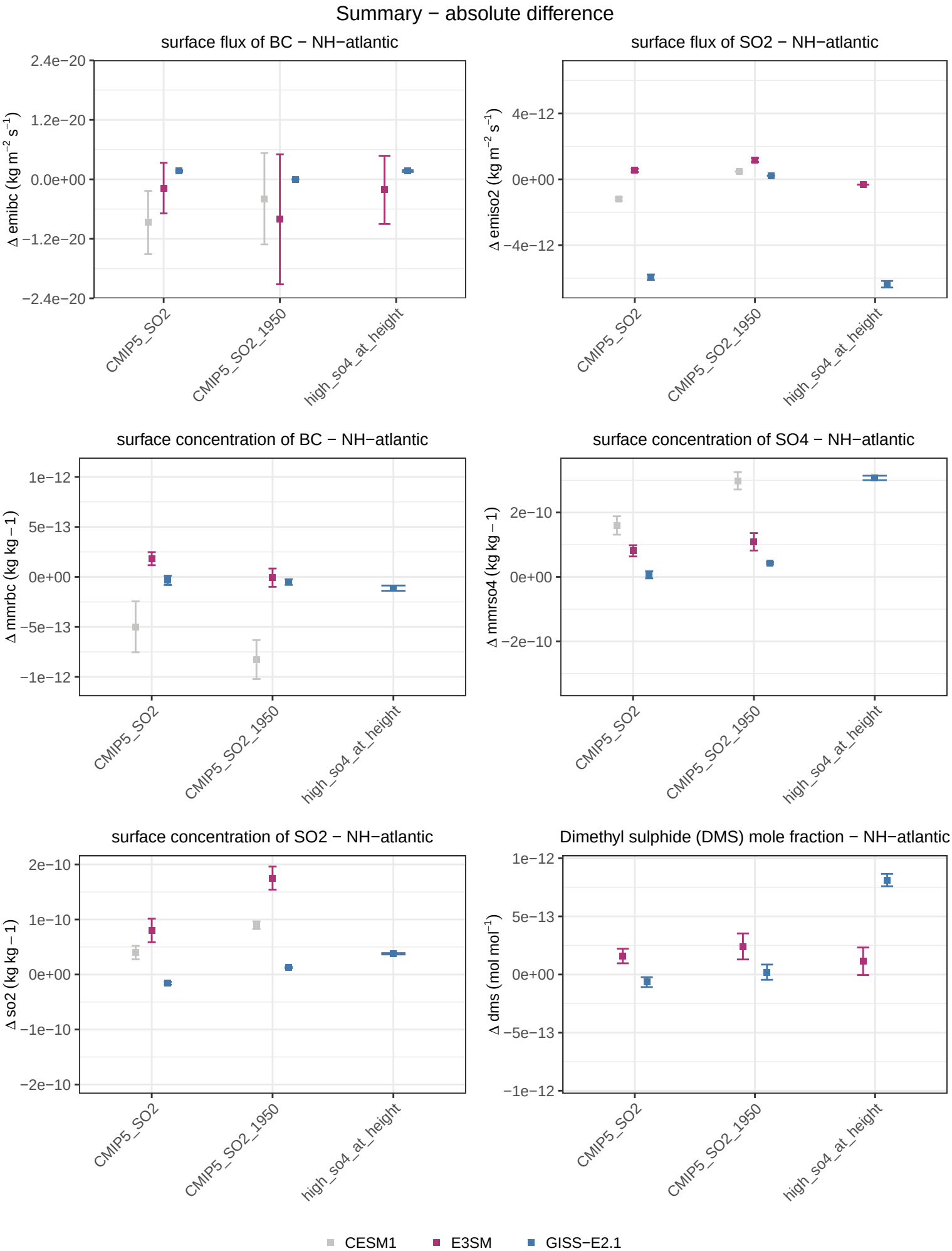
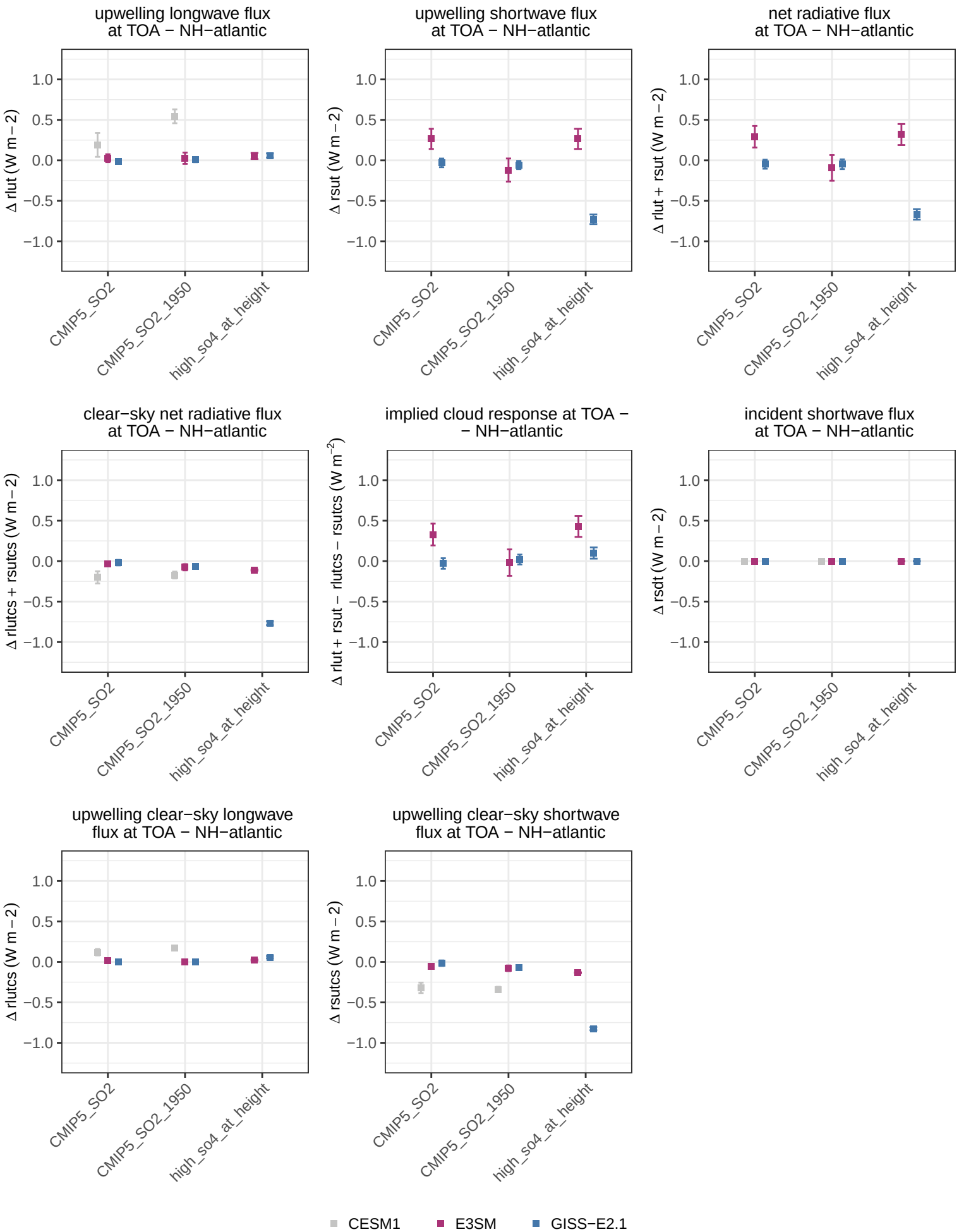
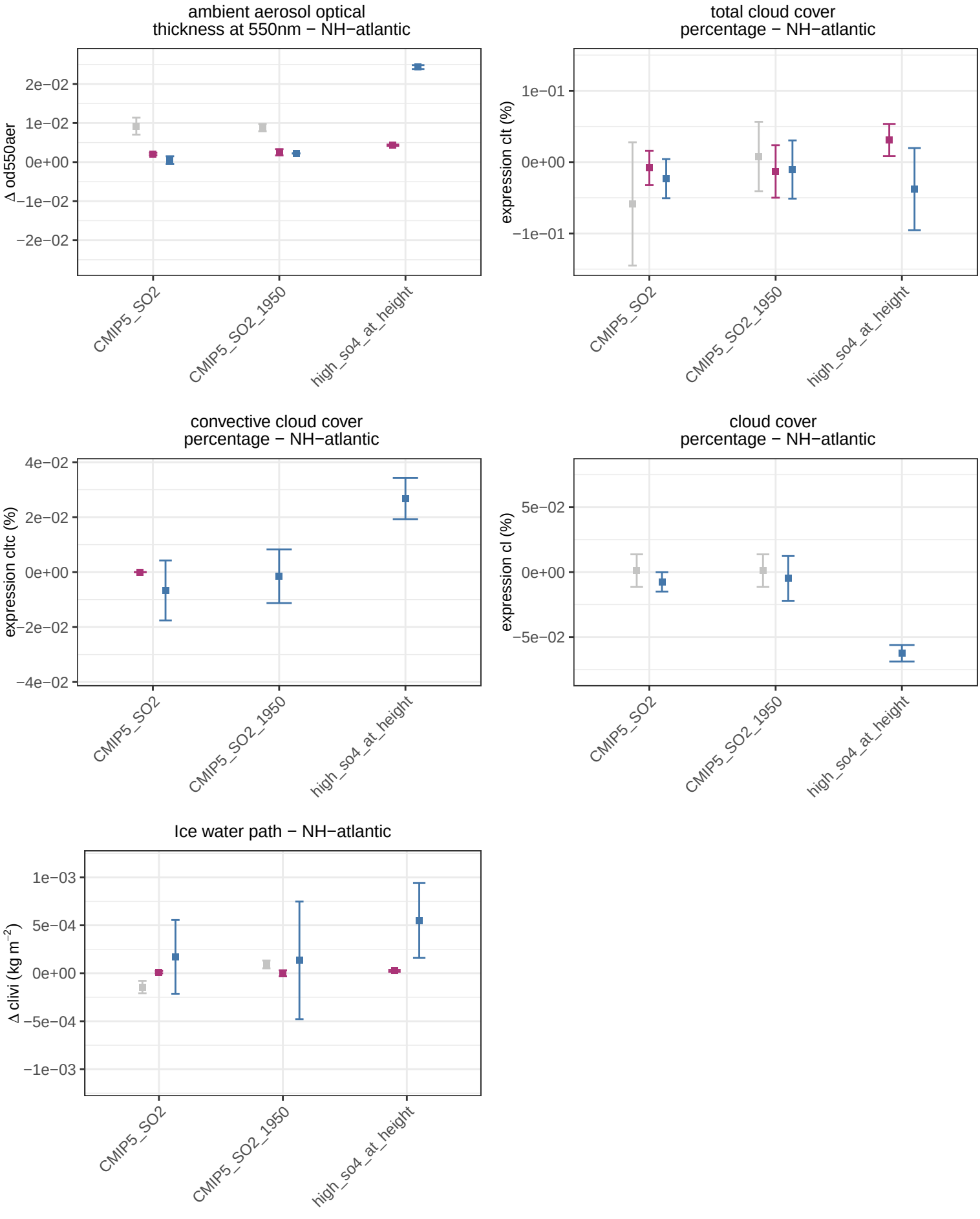
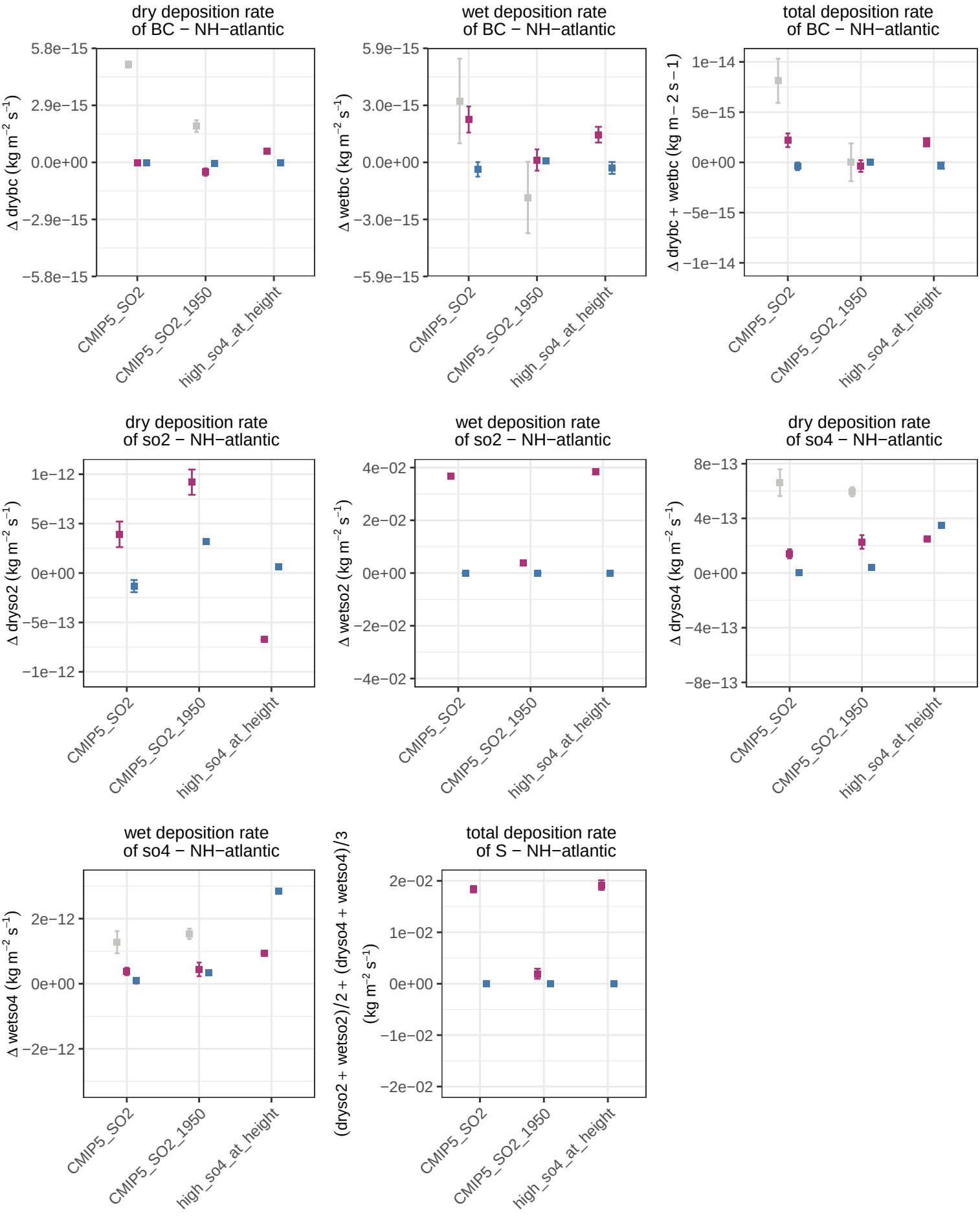
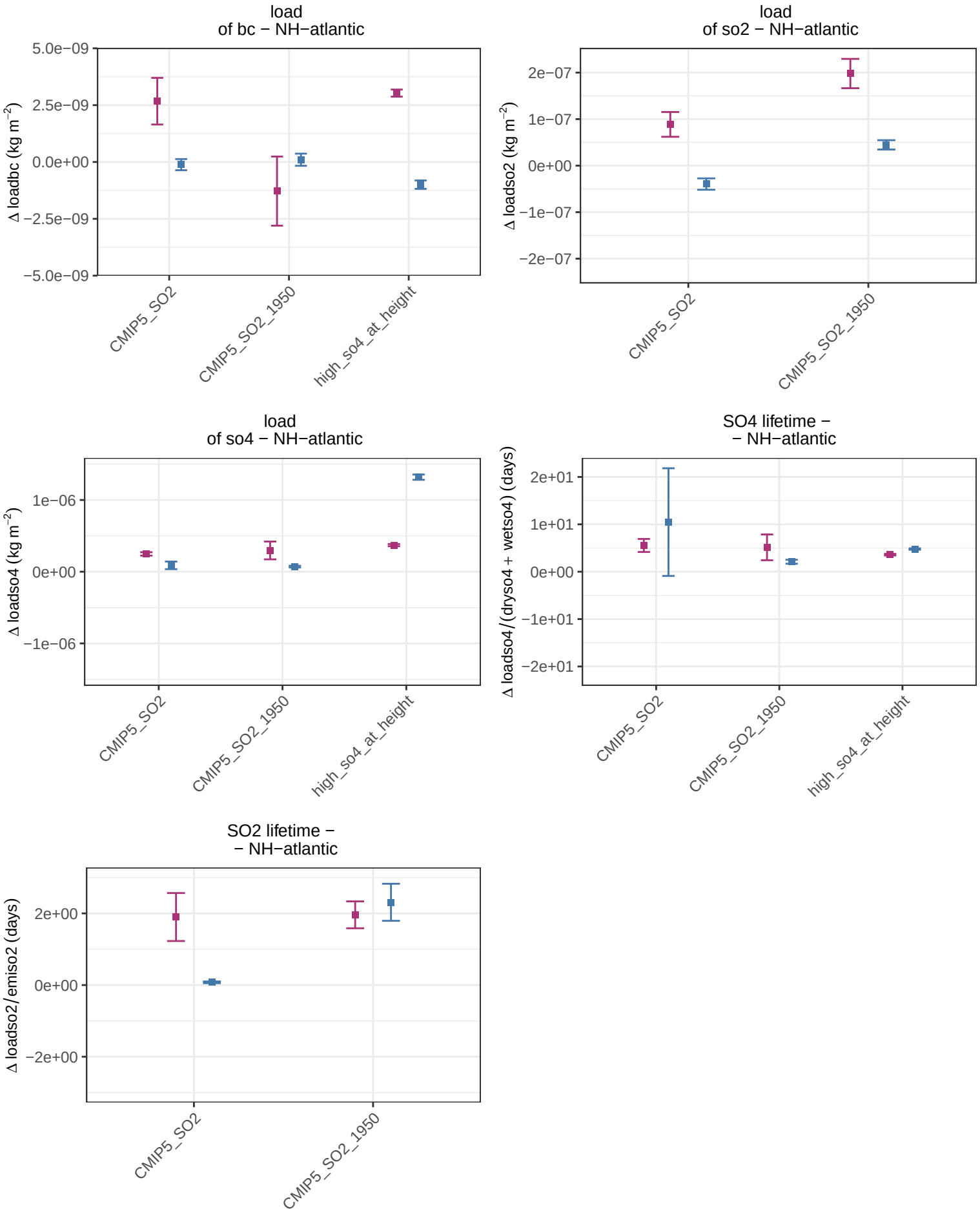

Summary − absolute difference
surface flux of BC − NH−atlantic
surface flux of SO2 − NH−atlantic
surface concentration of BC − NH−atlantic
surface concentration of SO4 − NH−atlantic
surface concentration of SO2 − NH−atlantic
Dimethyl sulphide (DMS) mole fraction − NH−atlantic
Δ emibc (kg m−2 s−1)
Δ emiso2 (kg m−2 s−1)
Δ mmrbc (kg kg − 1)
Δ mmrso4 (kg kg − 1)
Δ so2 (kg kg − 1)
Δ dms (mol mol−1)
2.4e−20
1.2e−20
0.0e+00
−1.2e−20
−2.4e−20
4e−12
0e+00
−4e−12
1e−12
5e−13
0e+00
−5e−13
−1e−12
2e−10
0e+00
−2e−10
2e−10
1e−10
0e+00
−1e−10
−2e−10
1e−12
5e−13
0e+00
−5e−13
−1e−12
CMIP5_SO2
CMIP5_SO2_1950
high_so4_at_height
CESM1
E3SM
GISS−E2.1


Summary − absolute difference
upwelling longwave flux at TOA − NH−atlantic
upwelling shortwave flux at TOA − NH−atlantic
net radiative flux at TOA − NH−atlantic
clear−sky net radiative flux at TOA − NH−atlantic
implied cloud response at TOA − − NH−atlantic
incident shortwave flux at TOA − NH−atlantic
upwelling clear−sky longwave flux at TOA − NH−atlantic
upwelling clear−sky shortwave flux at TOA − NH−atlantic
Δ rlut (W m − 2)
Δ rsut (W m − 2)
Δ rlut + rsut (W m − 2)
Δ rlutcs + rsutcs (W m − 2)
Δ rlut + rsut − rlutcs − rsutcs (W m−2)
Δ rsdt (W m − 2)
Δ rlutcs (W m − 2)
Δ rsutcs (W m − 2)
1.0
0.5
0.0
−0.5
−1.0
CMIP5_SO2
CMIP5_SO2_1950
high_so4_at_height
CESM1
E3SM
GISS−E2.1

Summary − absolute difference



Summary − absolute difference



Summary − absolute difference