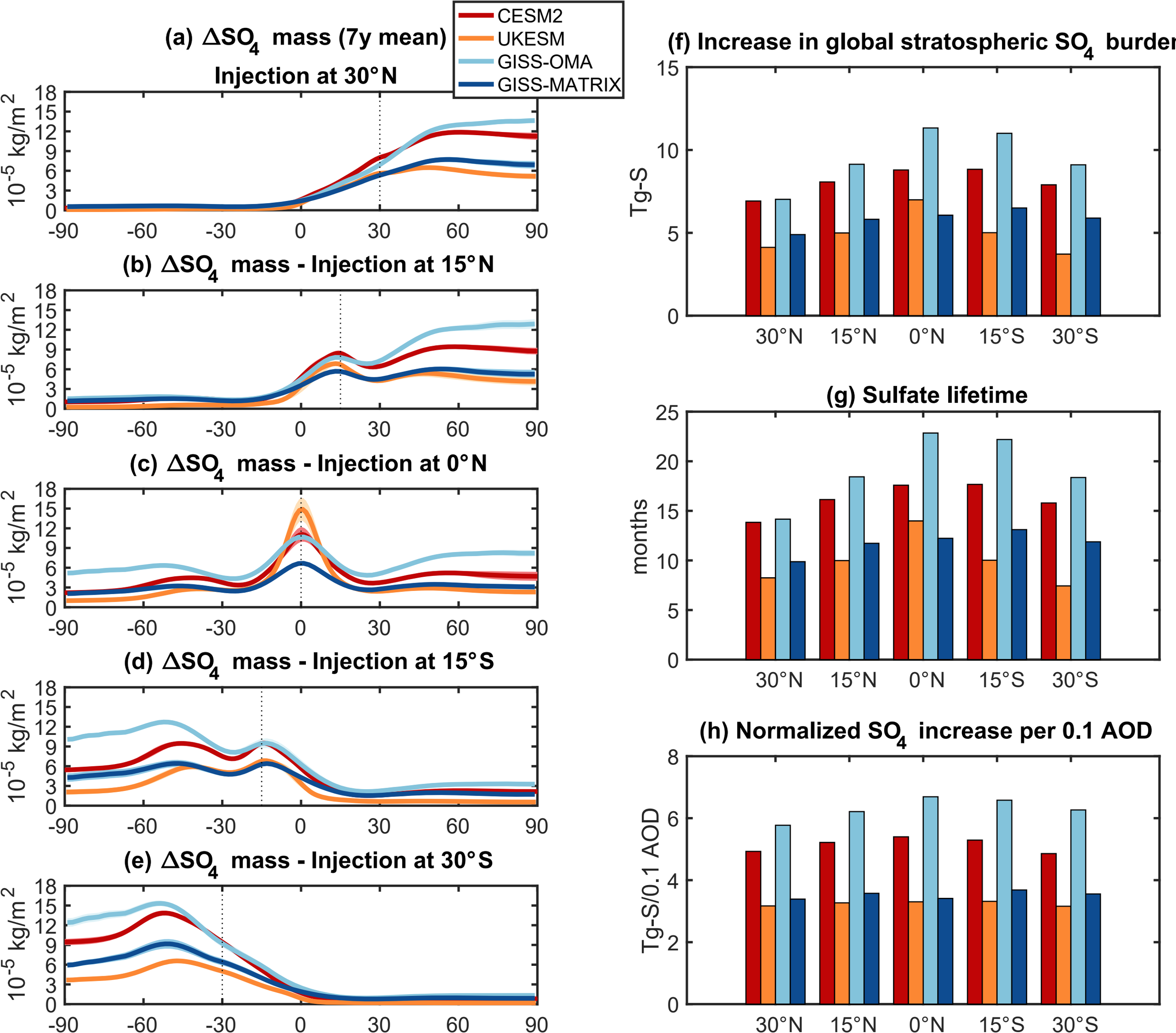
CESM2
UKESM
GISS-OMA
GISS-MATRIX
(a) ΔSO4 mass (7y mean)
Injection at 30°N
(b) ΔSO4 mass - Injection at 15°N
(c) ΔSO4 mass - Injection at 0°N
(d) ΔSO4 mass - Injection at 15°S
(e) ΔSO4 mass - Injection at 30°S
10-5 kg/m2
(f) Increase in global stratospheric SO4 burden
Tg-S
(g) Sulfate lifetime
months
(h) Normalized SO4 increase per 0.1 AOD
Tg-S/0.1 AOD
30°N
15°N
0°N
15°S
30°S