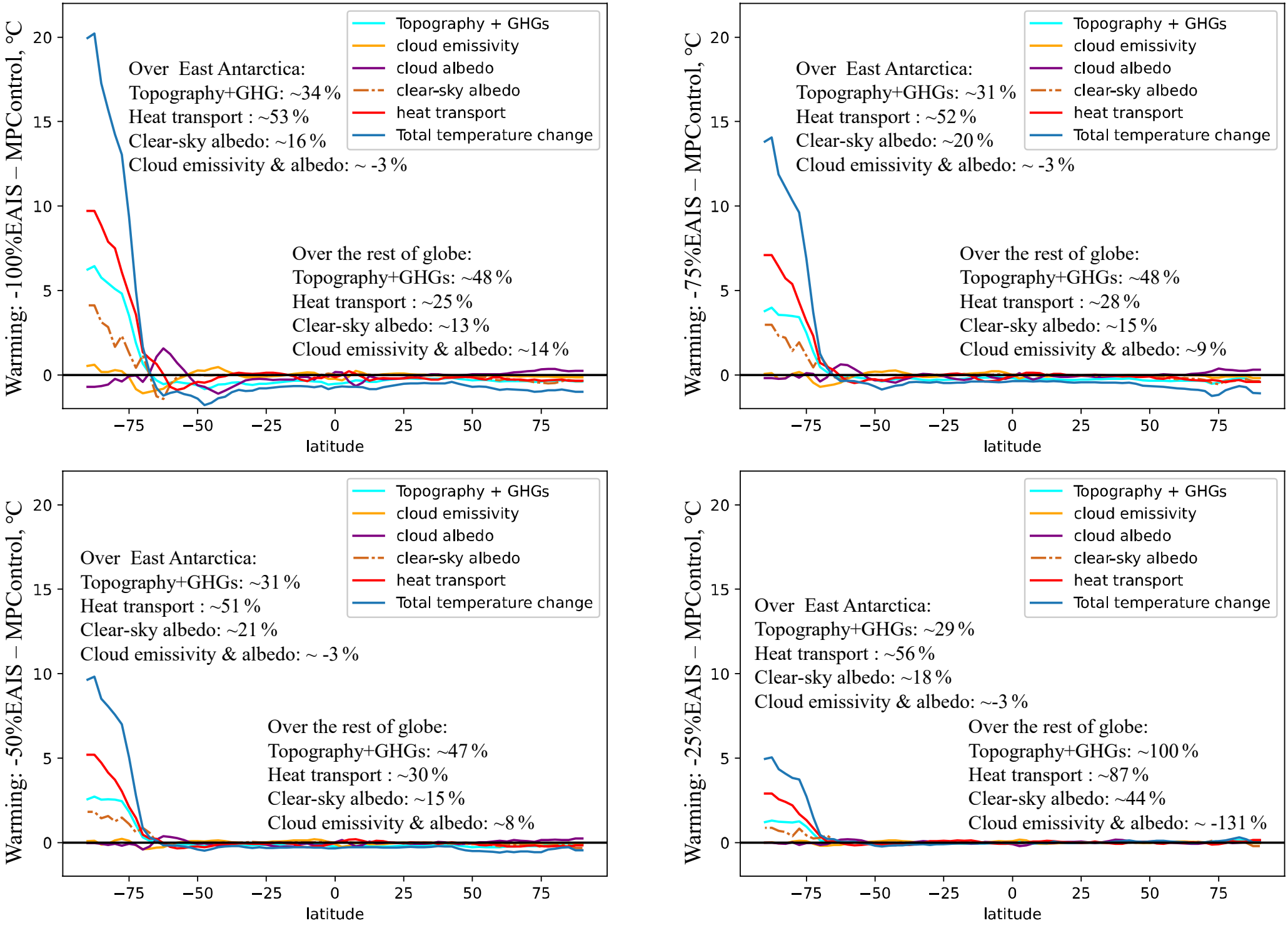
Warming: -100%EAIS – MPControl, °C
Over East Antarctica:
Topography+GHG: ~34 %
Heat transport : ~53 %
Clear-sky albedo: ~16 %
Cloud emissivity & albedo: ~ -3 %
Over the rest of globe:
Topography+GHGs: ~48 %
Heat transport : ~25 %
Clear-sky albedo: ~13 %
Cloud emissivity & albedo: ~14 %
Warming: -75%EAIS – MPControl, °C
Over East Antarctica:
Topography+GHGs: ~31 %
Heat transport : ~52 %
Clear-sky albedo: ~20 %
Cloud emissivity & albedo: ~ -3 %
Over the rest of globe:
Topography+GHGs: ~48 %
Heat transport : ~28 %
Clear-sky albedo: ~15 %
Cloud emissivity & albedo: ~9 %
Warming: -50%EAIS – MPControl, °C
Over East Antarctica:
Topography+GHGs: ~31 %
Heat transport : ~51 %
Clear-sky albedo: ~21 %
Cloud emissivity & albedo: ~ -3 %
Over the rest of globe:
Topography+GHGs: ~47 %
Heat transport : ~30 %
Clear-sky albedo: ~15 %
Cloud emissivity & albedo: ~8 %
Warming: -25%EAIS – MPControl, °C
Over East Antarctica:
Topography+GHGs: ~29 %
Heat transport : ~56 %
Clear-sky albedo: ~18 %
Cloud emissivity & albedo: ~-3 %
Over the rest of globe:
Topography+GHGs: ~100 %
Heat transport : ~87 %
Clear-sky albedo: ~44 %
Cloud emissivity & albedo: ~ -131 %
Topography + GHGs
cloud emissivity
cloud albedo
clear-sky albedo
heat transport
Total temperature change
latitude