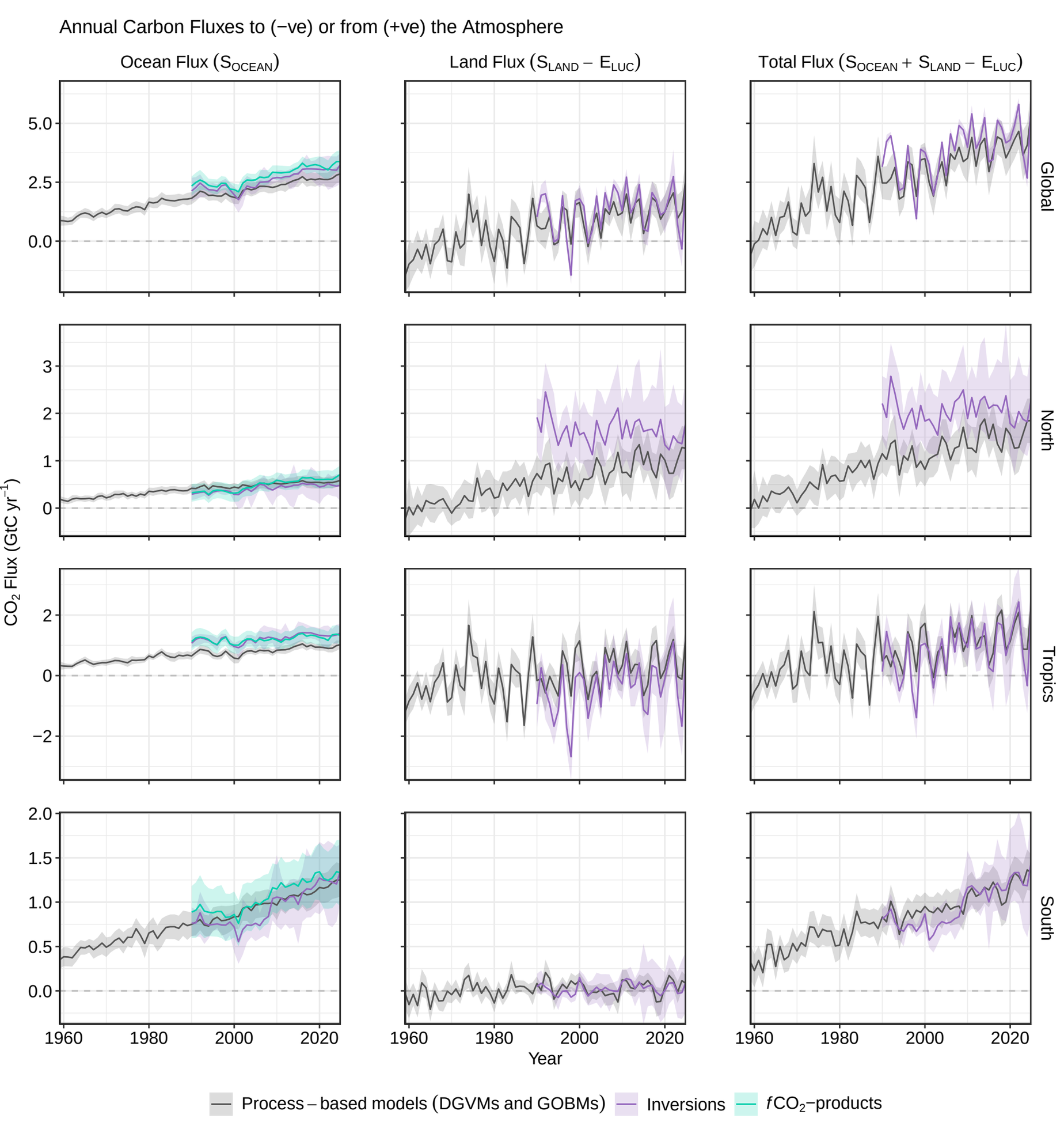

Annual Carbon Fluxes to (−ve) or from (+ve) the Atmosphere
Ocean Flux (S_{OCEAN})
Land Flux ($S_{LAND} - E_{LUC}$)
Total Flux ($S_{OCEAN} + S_{LAND} - E_{LUC}$)
Global
North
Tropics
South
CO_2 Flux (GtC yr^{-1})
5.0
2.5
0.0
3
2
1
0
2
0
−2
2.0
1.5
1.0
0.5
0.0
1960
1980
2000
2020
Year
Process – based models (DGVMs and GOBMs)
Inversions
fCO_2–products