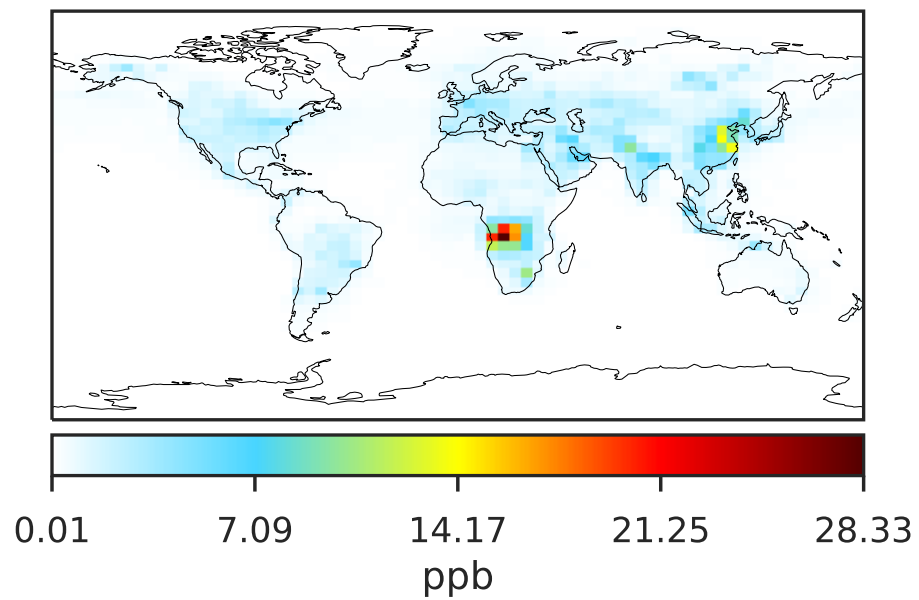
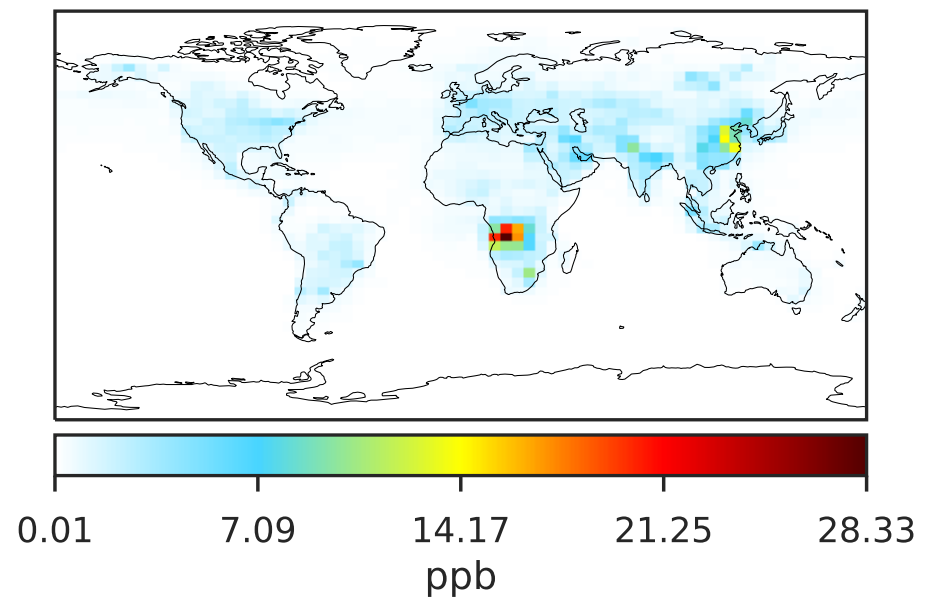


SpeciesConcVV_NOy

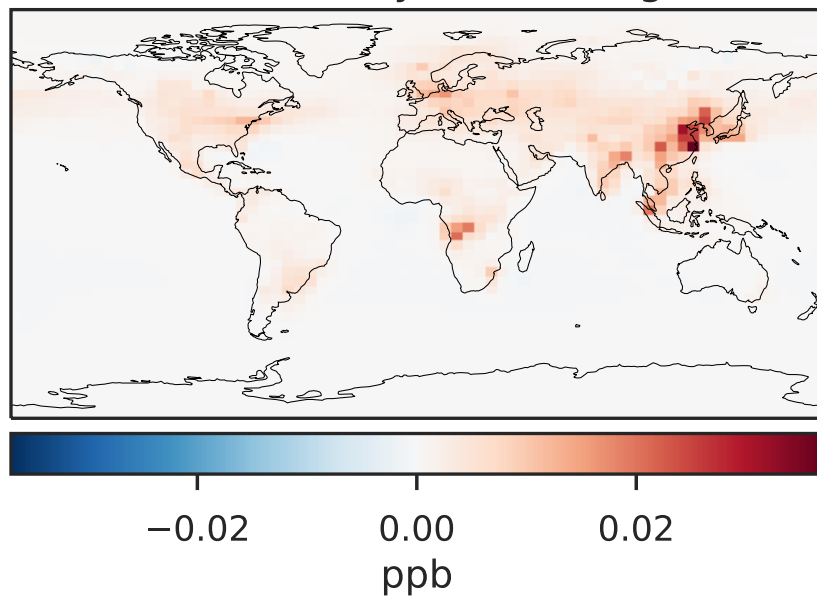
Fast-JX in 14.3.0 (Ref)
4.0x5.0



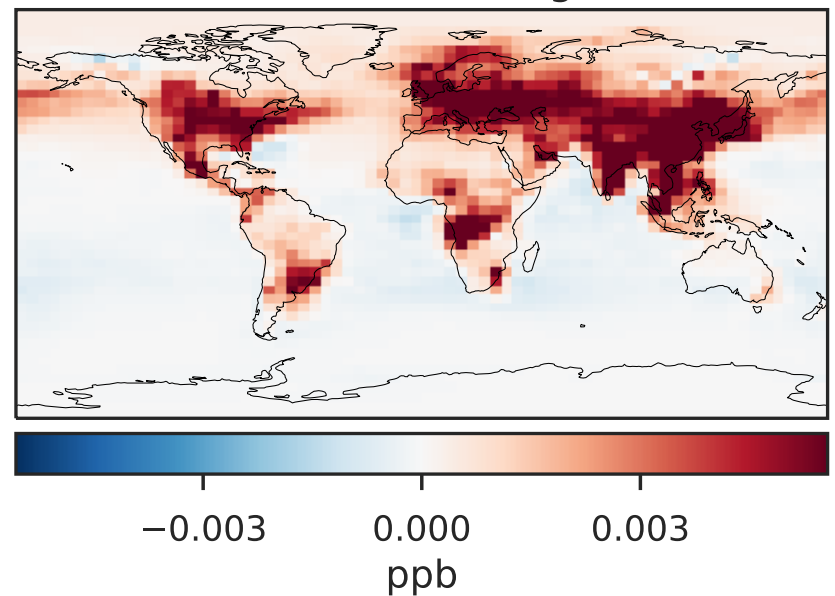
Cloud-J in 14.3.0 (Dev)
4.0x5.0



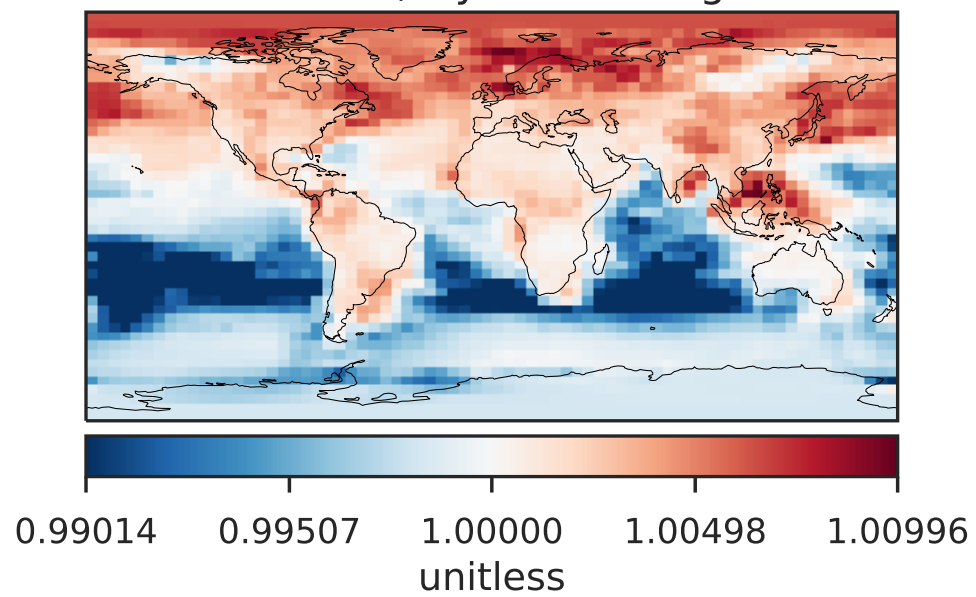
Difference
Dev - Ref, Dynamic Range



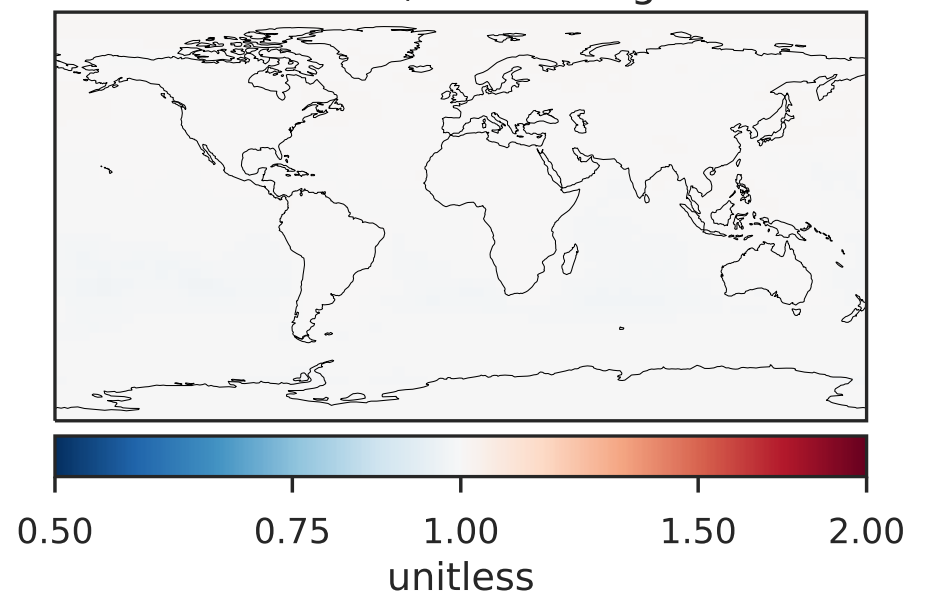
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

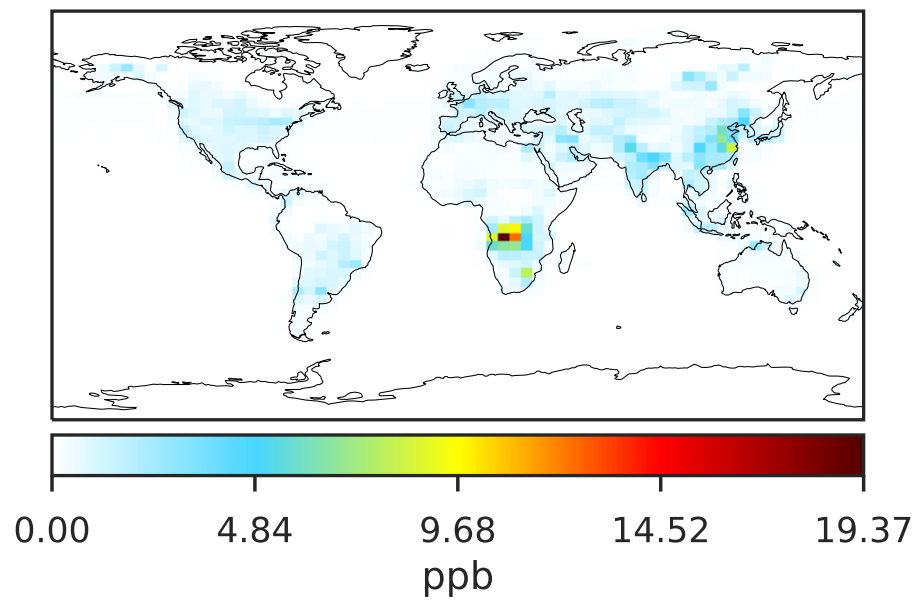


Ratio
Dev/Ref, Fixed Range

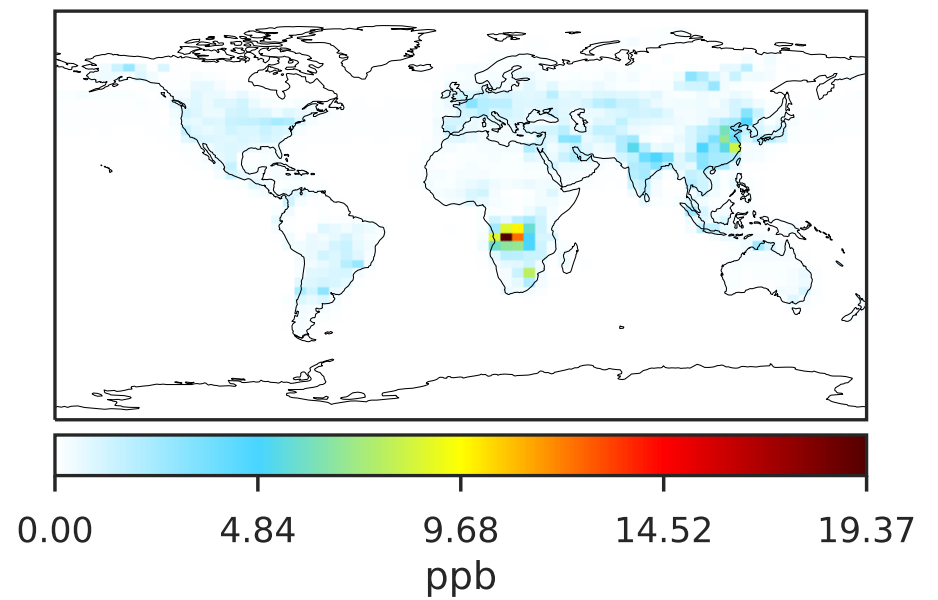


SpeciesConcVV_NOx

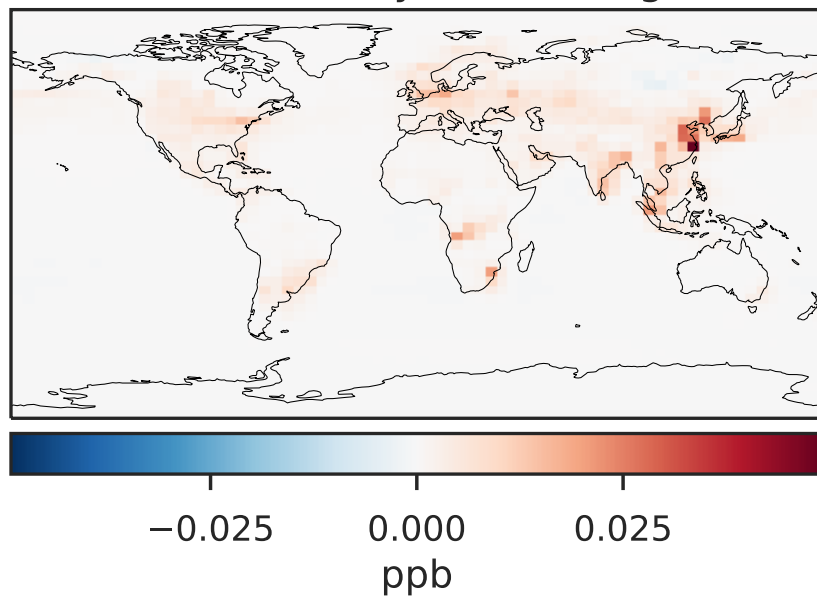
Fast-JX in 14.3.0 (Ref)
4.0x5.0



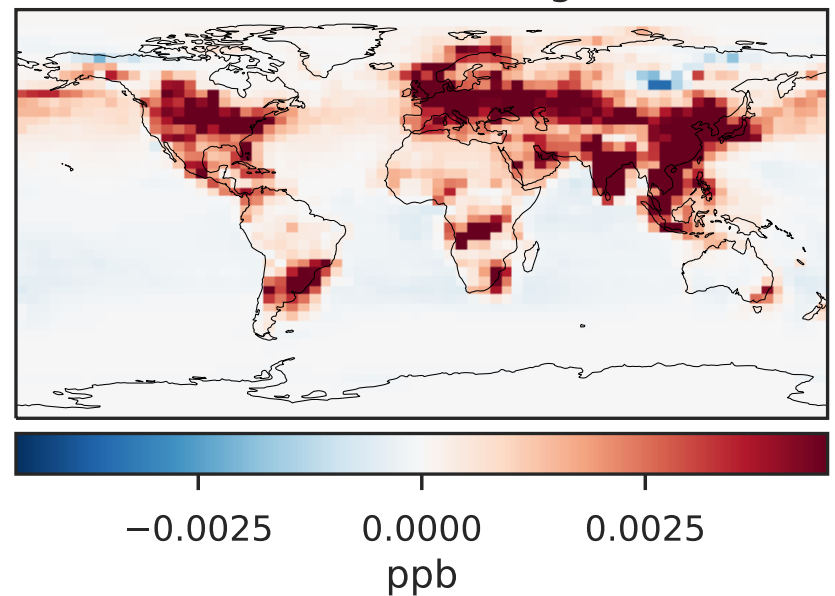
Cloud-J in 14.3.0 (Dev)
4.0x5.0



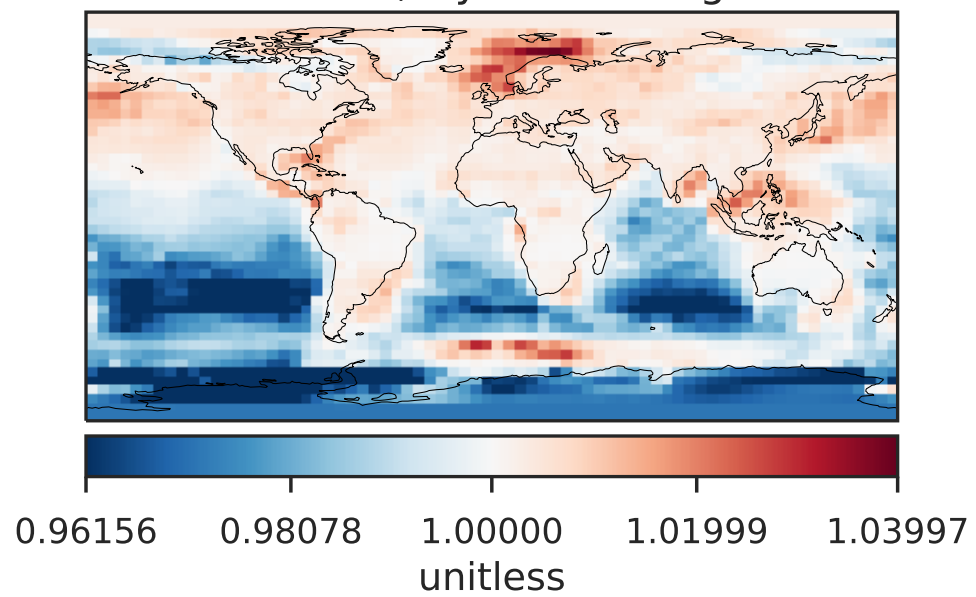
Difference
Dev - Ref, Dynamic Range



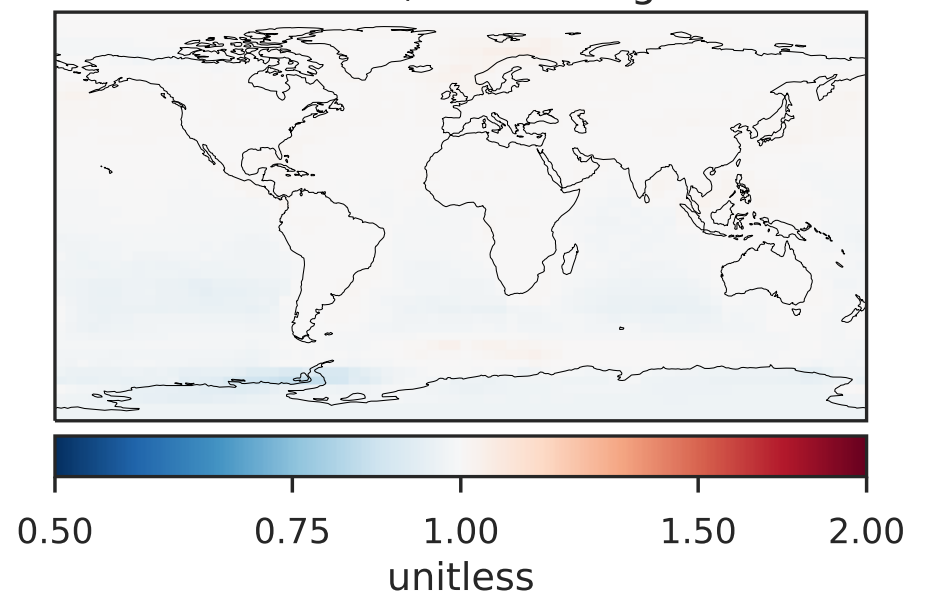
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

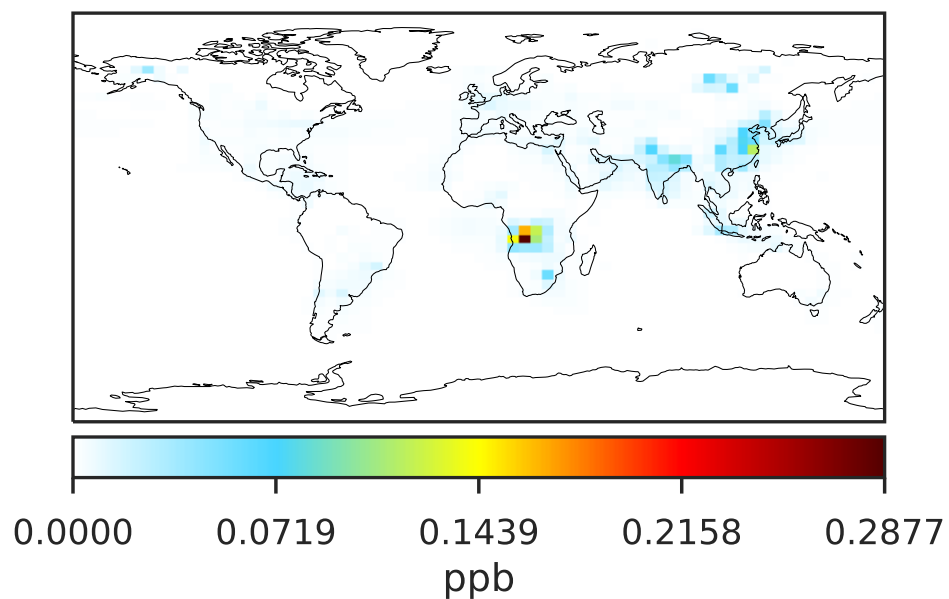


Ratio
Dev/Ref, Fixed Range

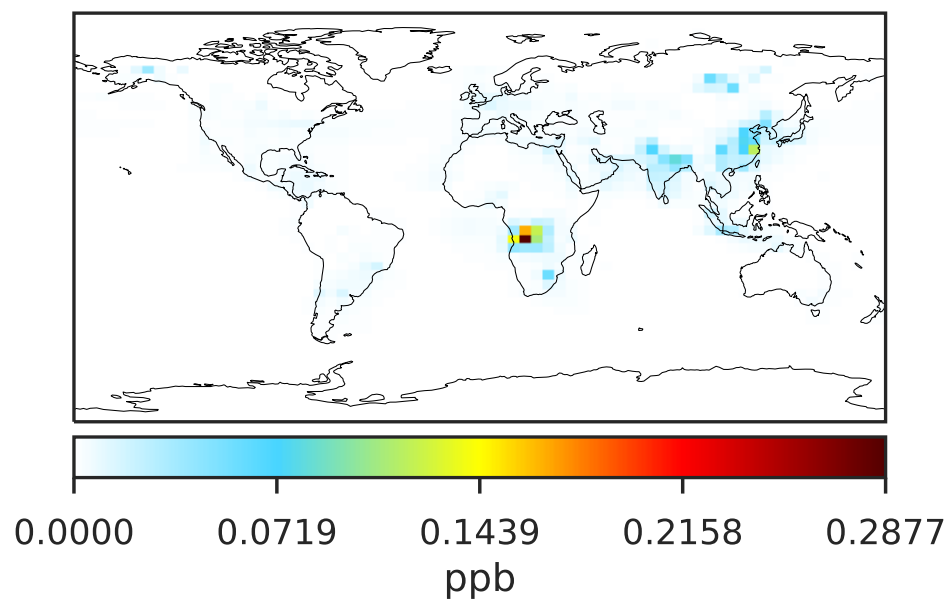


SpeciesConcVV_HNO2

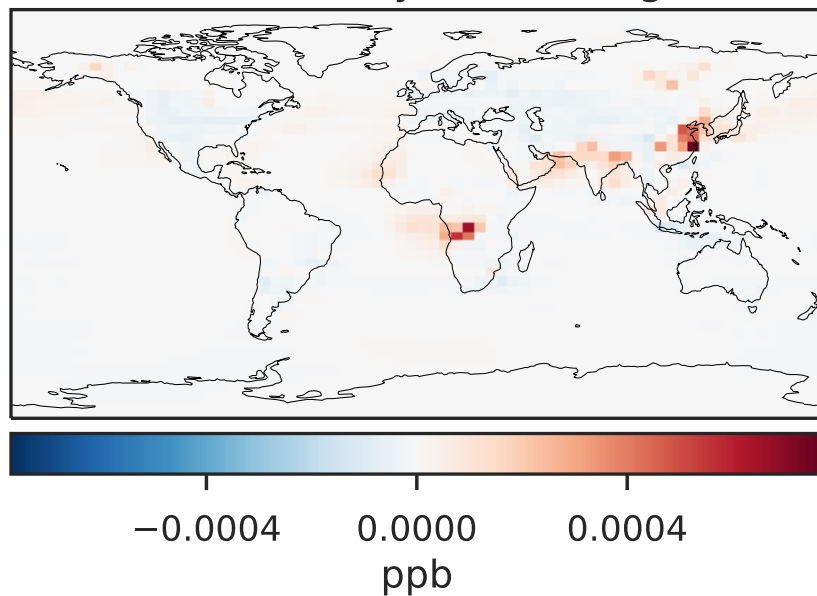
Fast-JX in 14.3.0 (Ref)
4.0x5.0



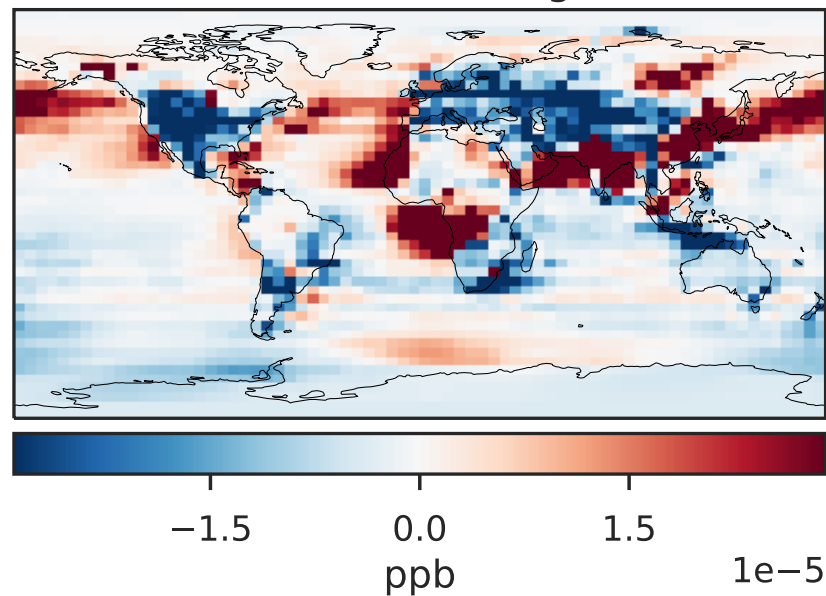
Cloud-J in 14.3.0 (Dev)
4.0x5.0



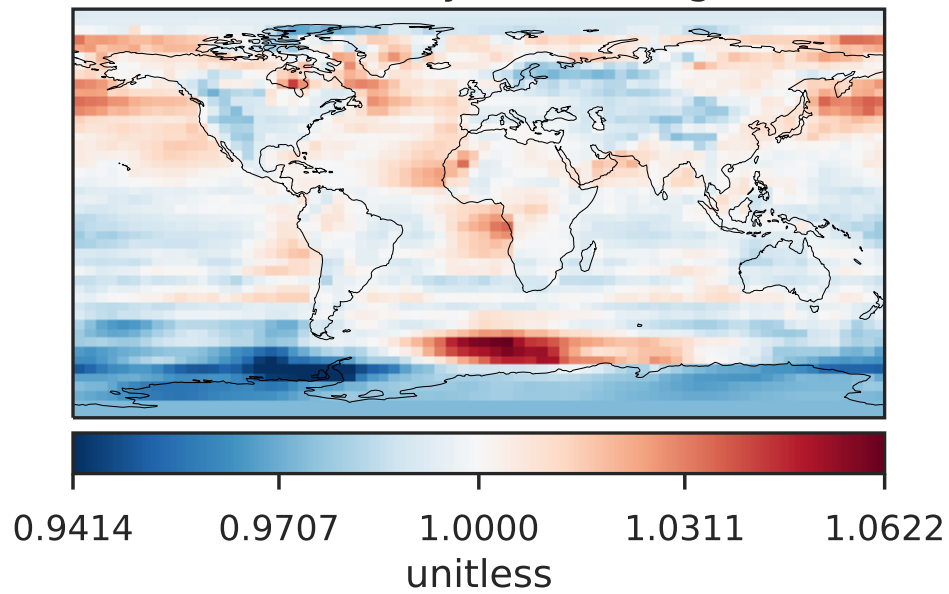
Difference
Dev - Ref, Dynamic Range



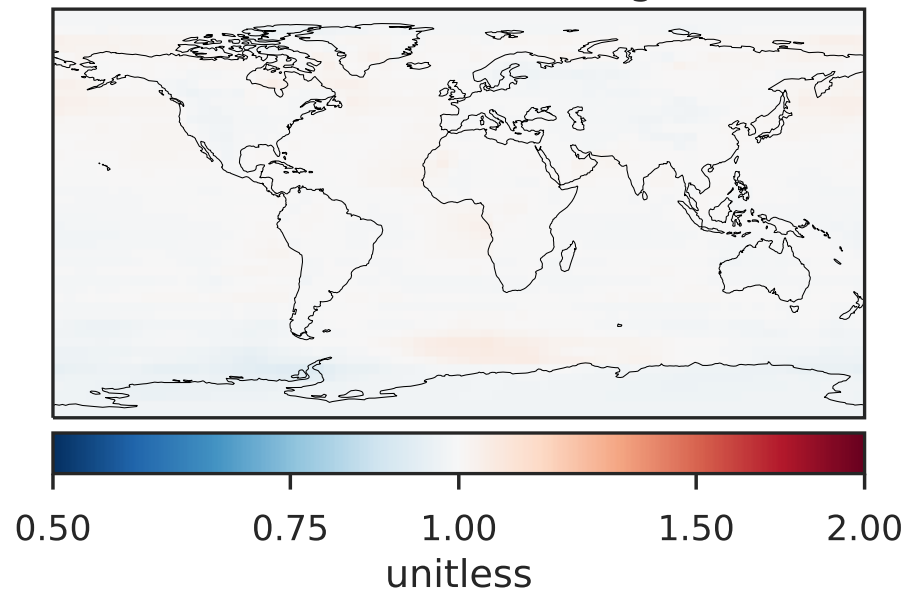
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

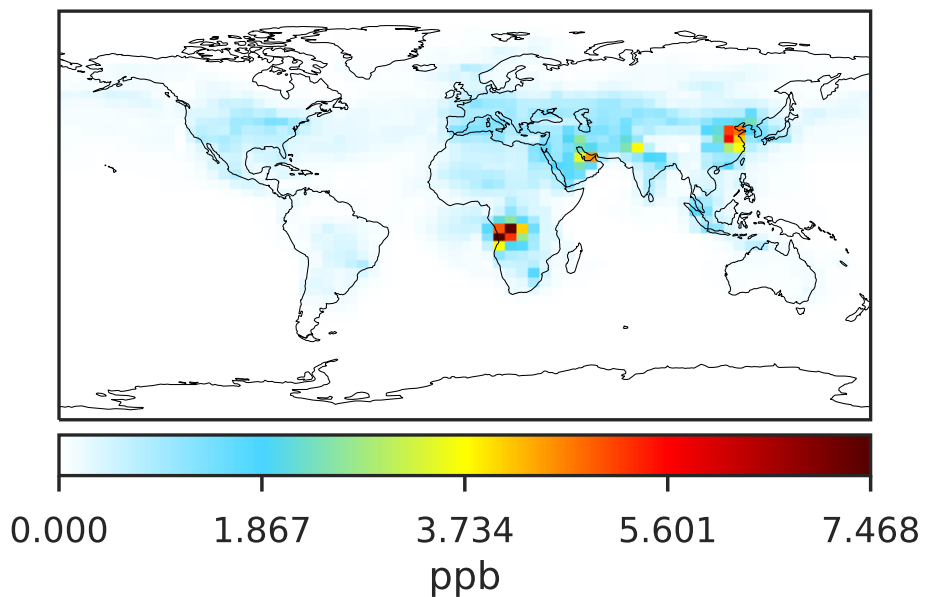


Ratio
Dev/Ref, Fixed Range

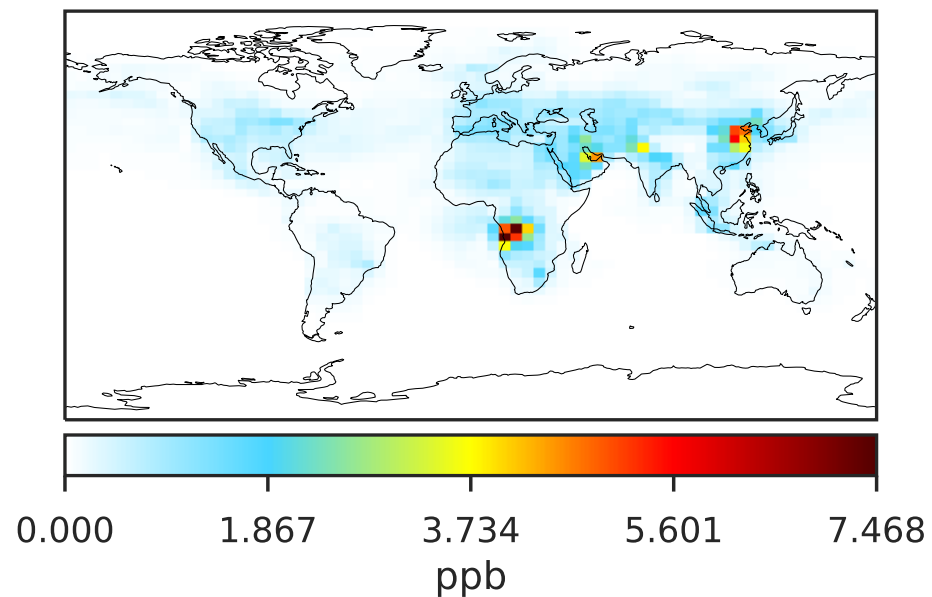


SpeciesConcVV_HNO3

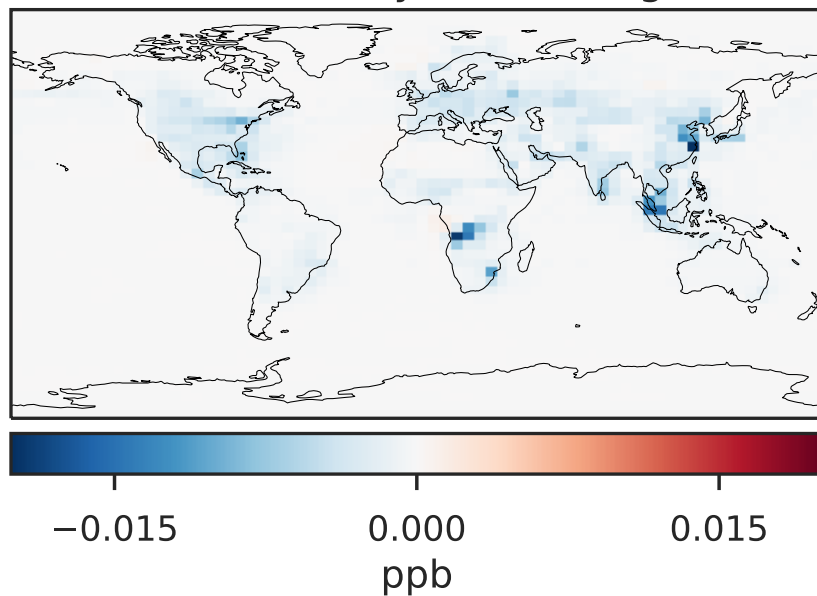
Fast-JX in 14.3.0 (Ref)
4.0x5.0



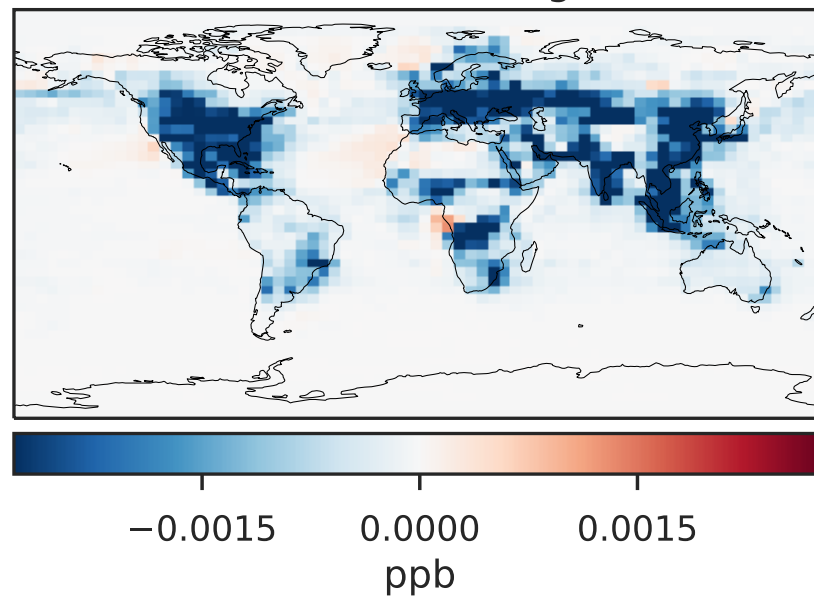
Cloud-J in 14.3.0 (Dev)
4.0x5.0



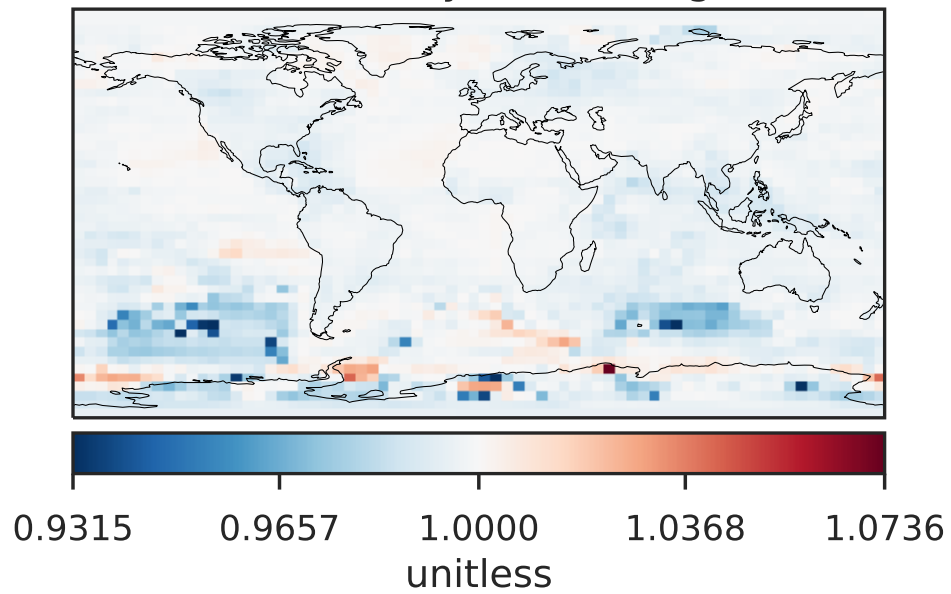
Difference
Dev - Ref, Dynamic Range



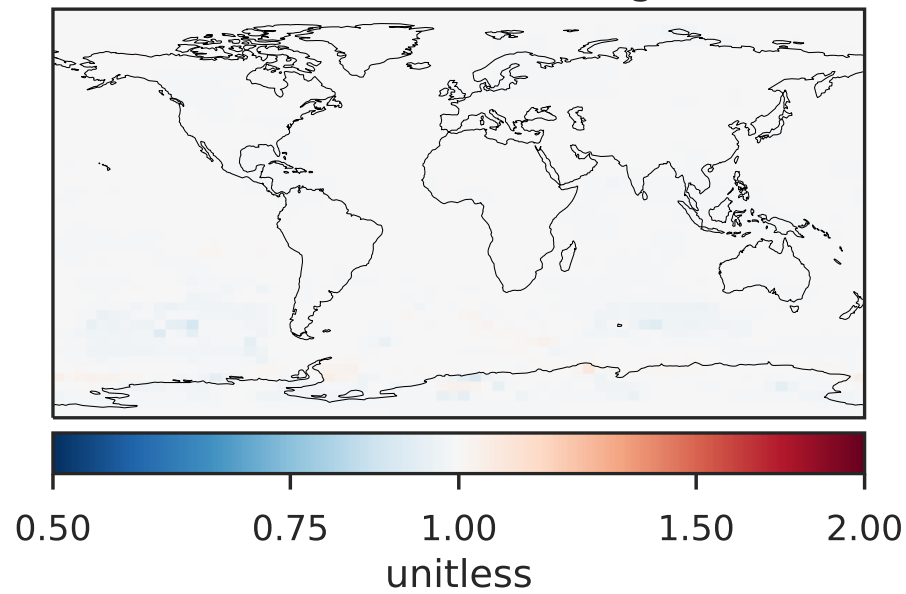
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

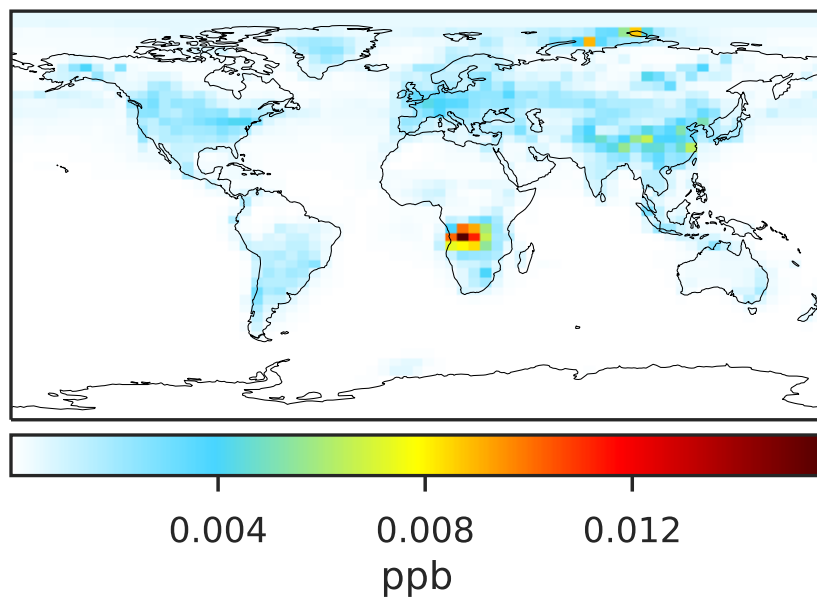


Ratio
Dev/Ref, Fixed Range

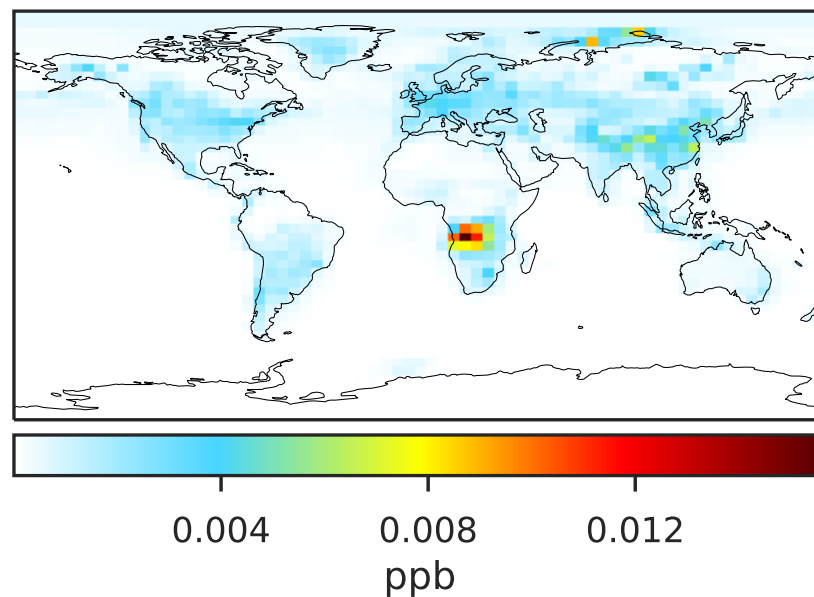


SpeciesConcVV_HNO4

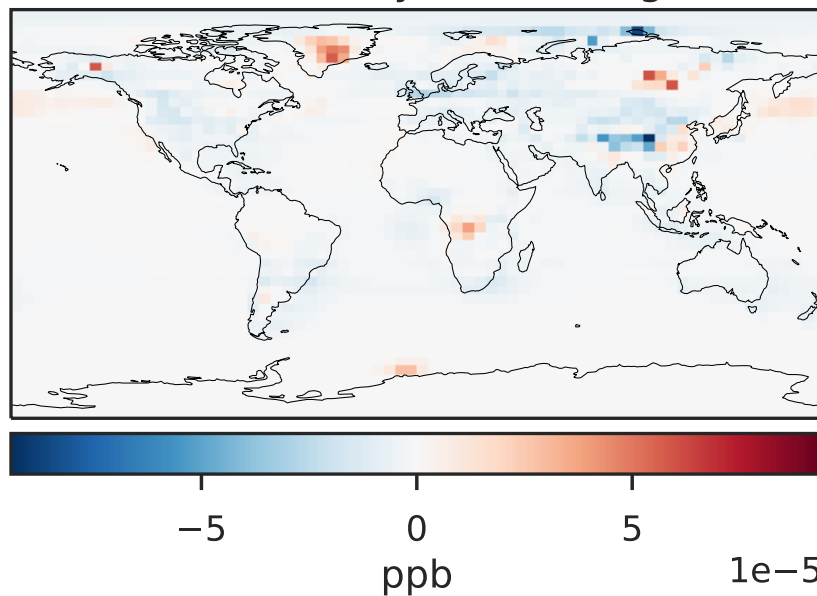
Fast-JX in 14.3.0 (Ref)
4.0x5.0



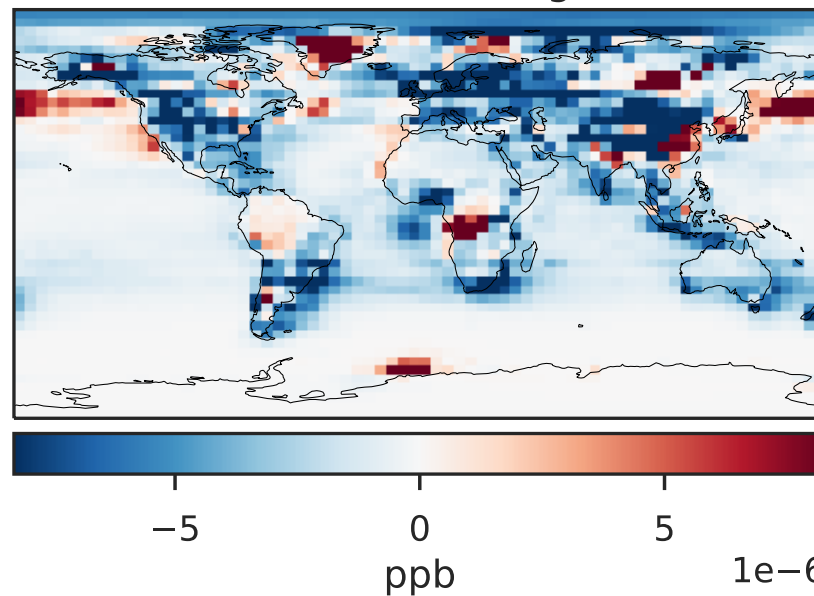
Cloud-J in 14.3.0 (Dev)
4.0x5.0



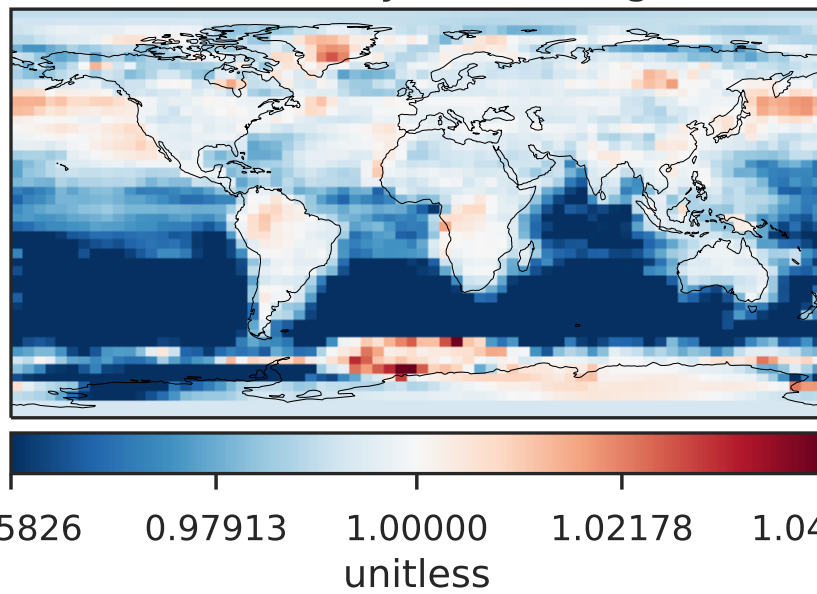
Difference
Dev - Ref, Dynamic Range



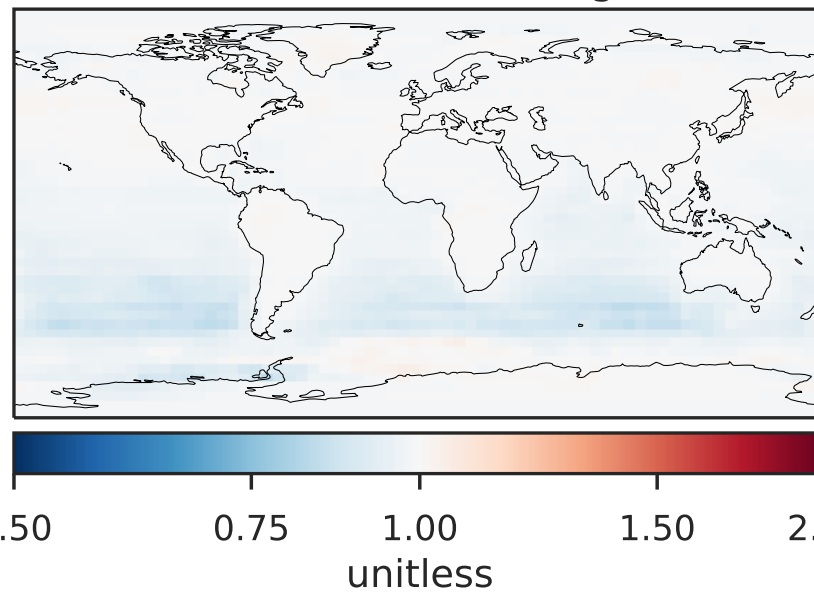
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

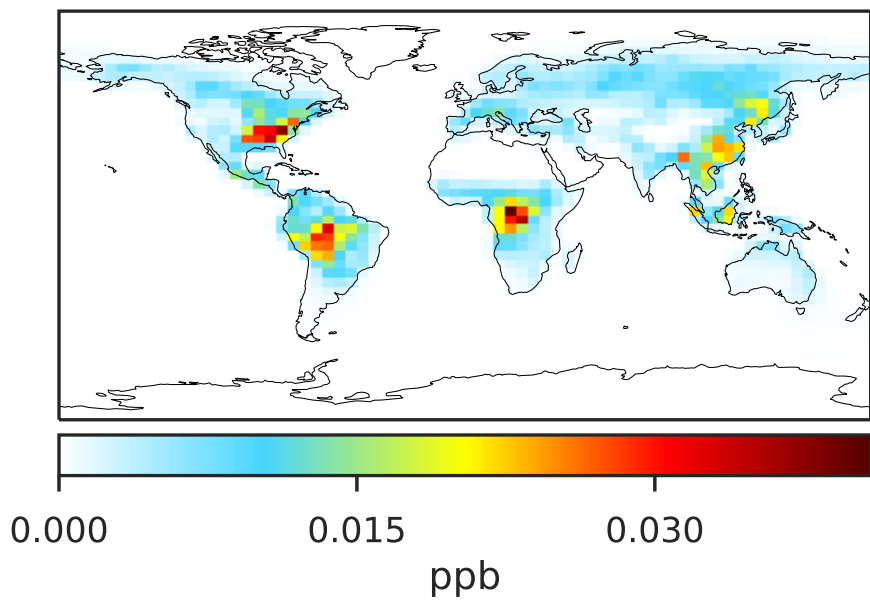


Ratio
Dev/Ref, Fixed Range

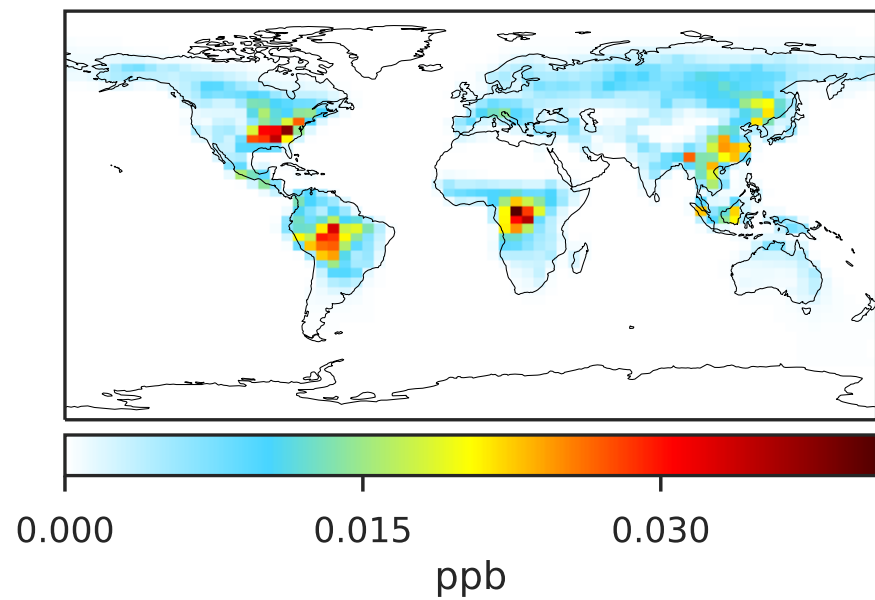


SpeciesConcVV_MPAN

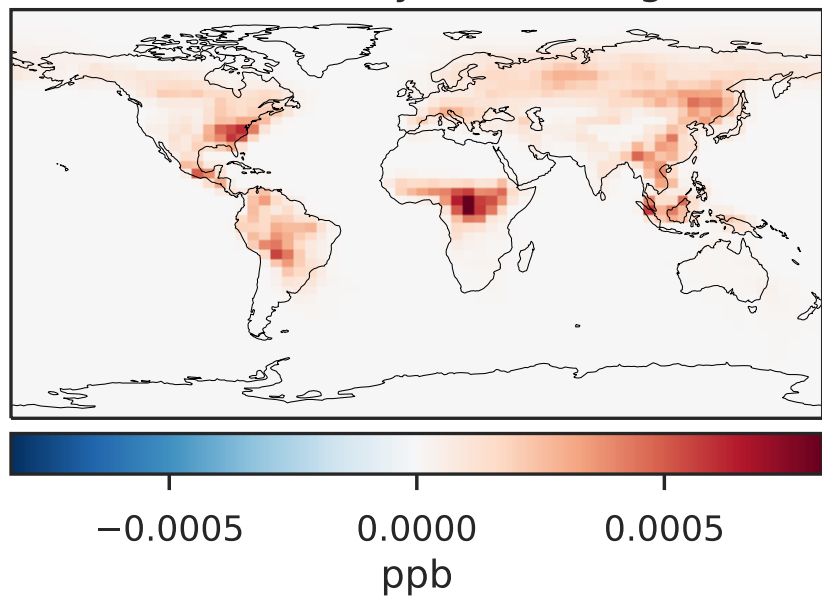
Fast-JX in 14.3.0 (Ref)
4.0x5.0



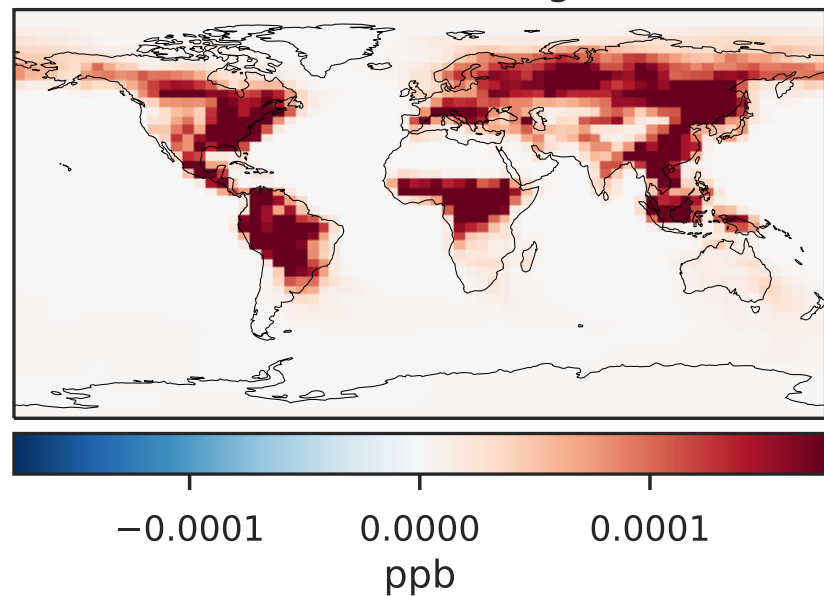
Cloud-J in 14.3.0 (Dev)
4.0x5.0



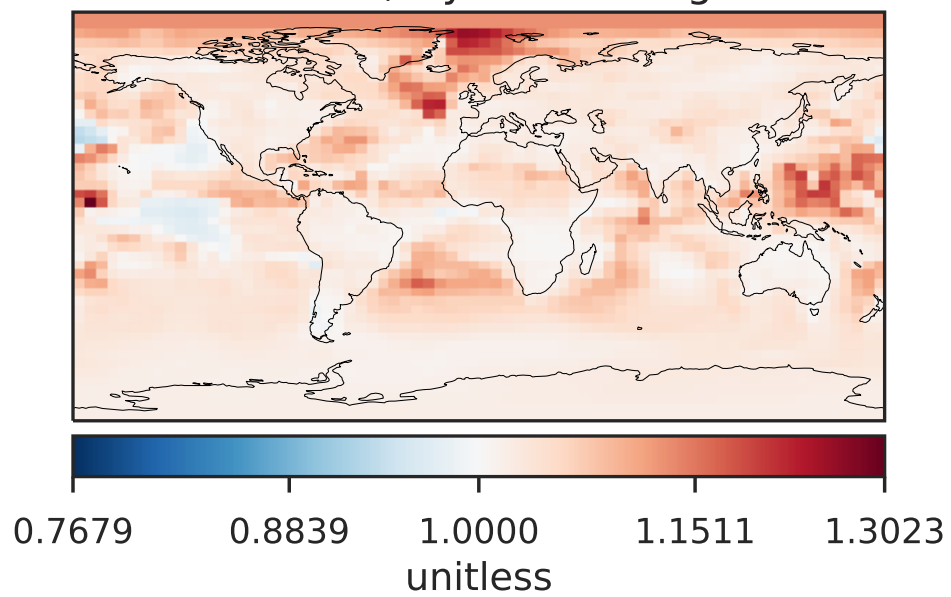
Difference
Dev - Ref, Dynamic Range



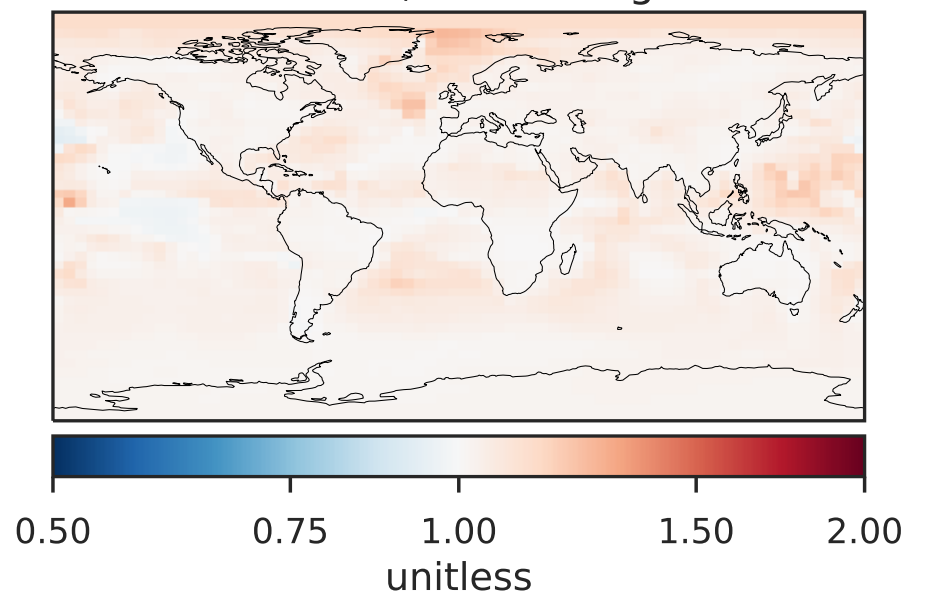
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

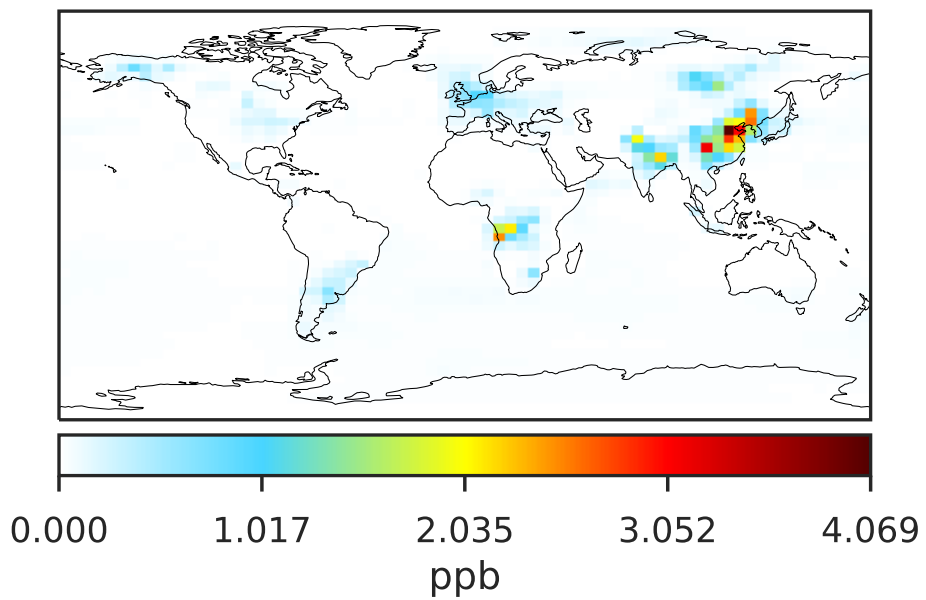


Ratio
Dev/Ref, Fixed Range

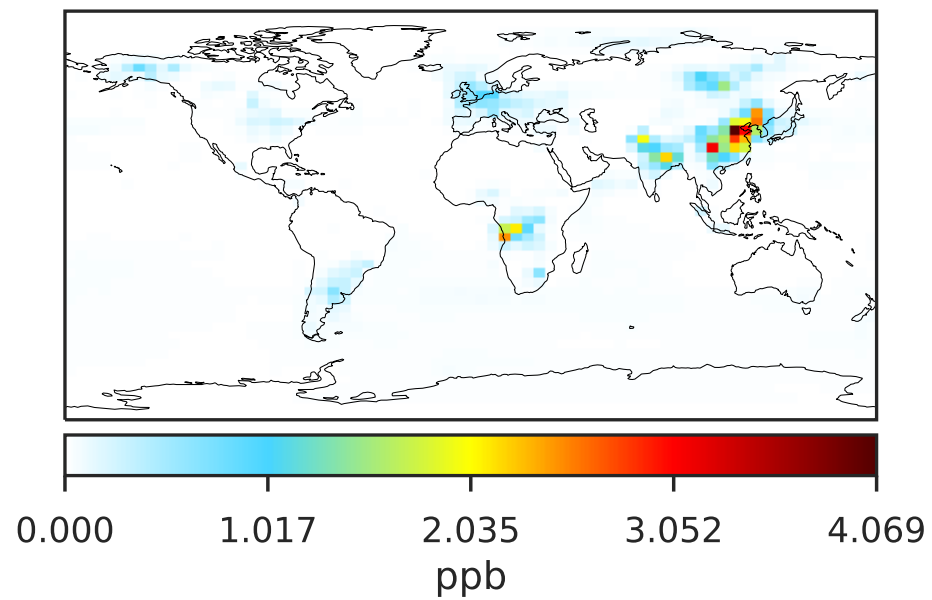


SpeciesConcVV_NIT

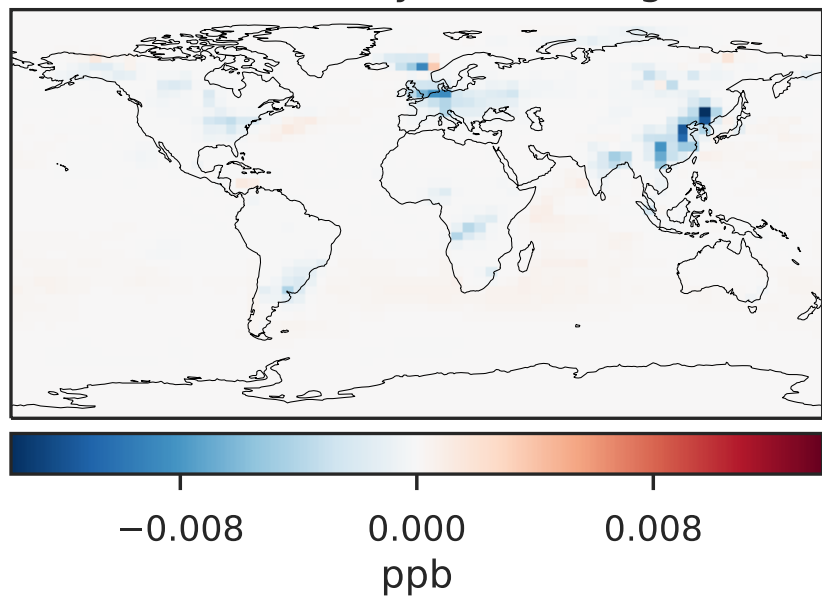
Fast-JX in 14.3.0 (Ref)
4.0x5.0



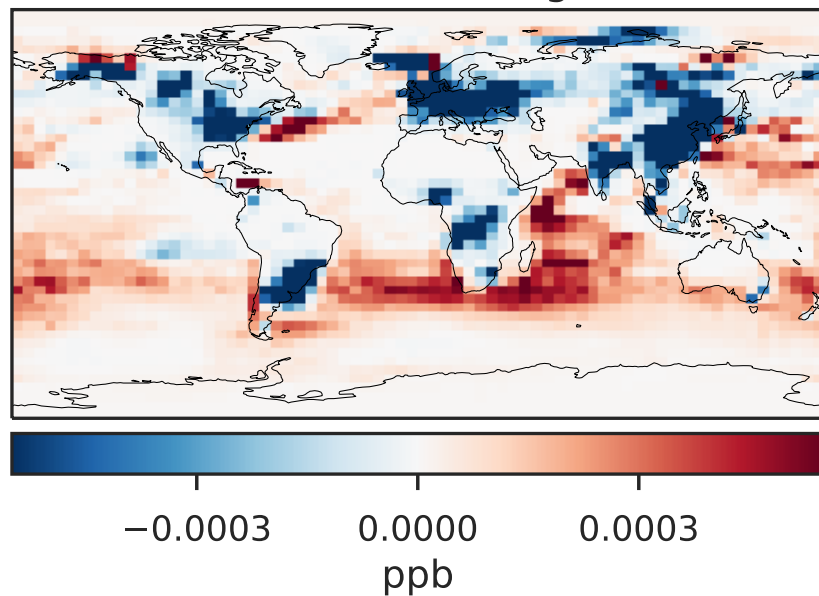
Cloud-J in 14.3.0 (Dev)
4.0x5.0



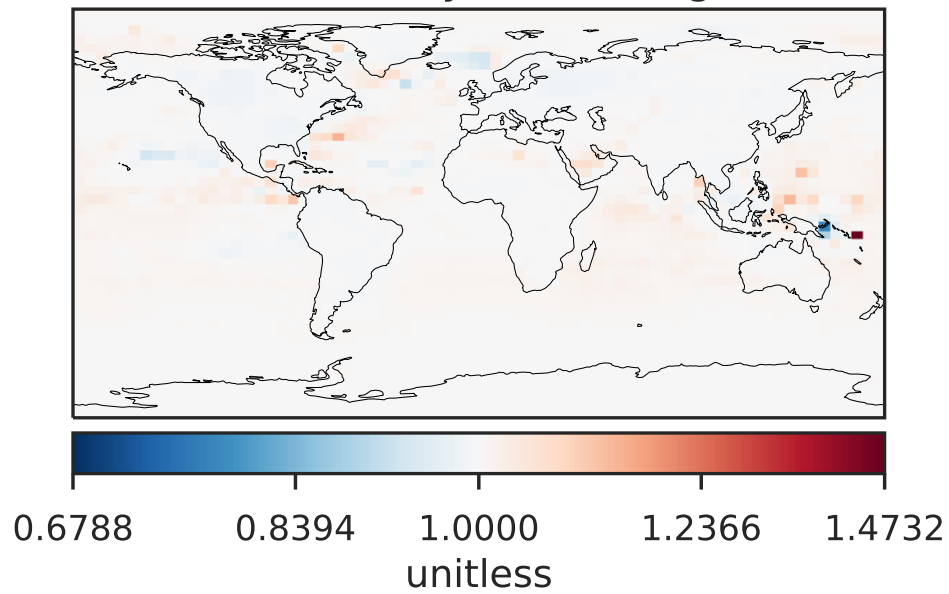
Difference
Dev - Ref, Dynamic Range



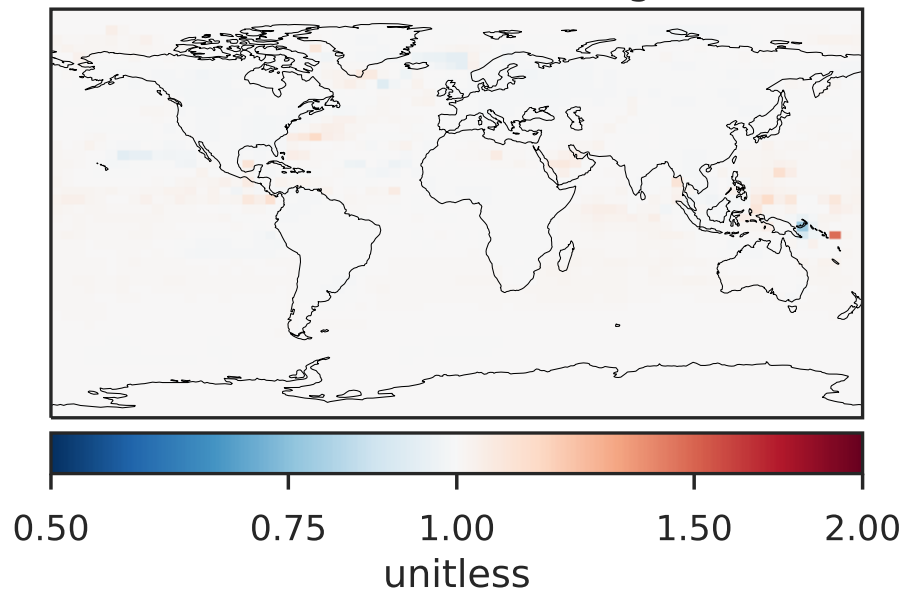
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

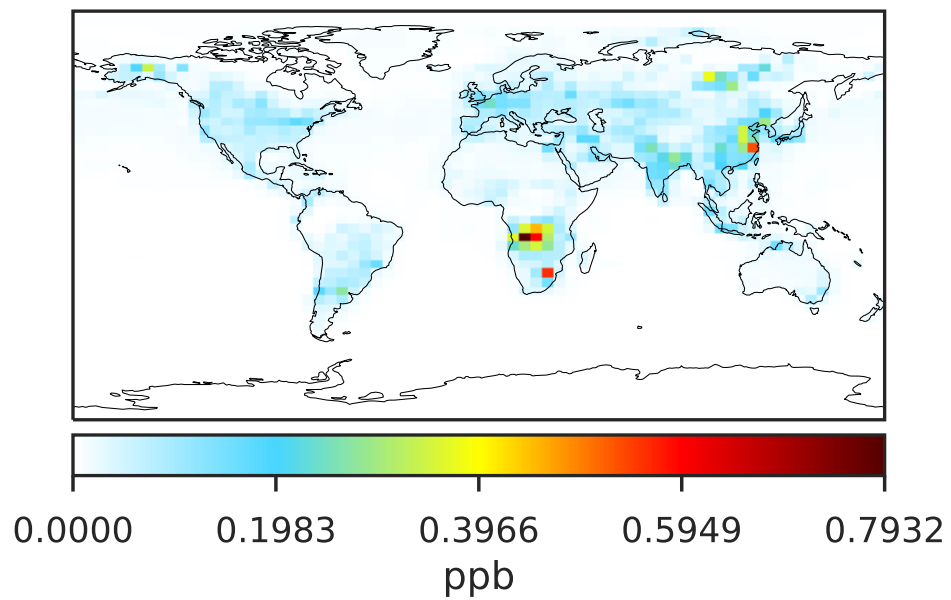


Ratio
Dev/Ref, Fixed Range

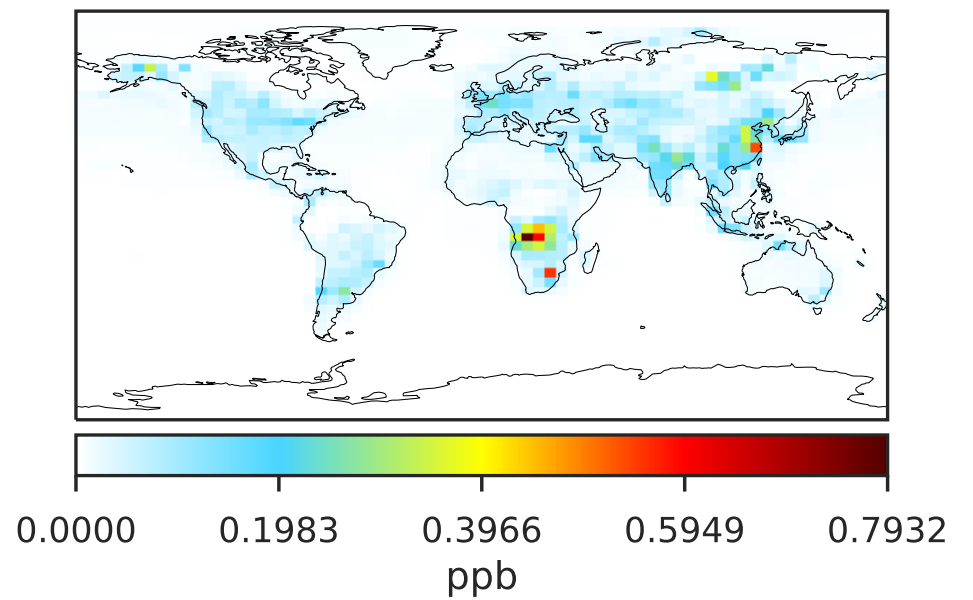


SpeciesConcVV_NO

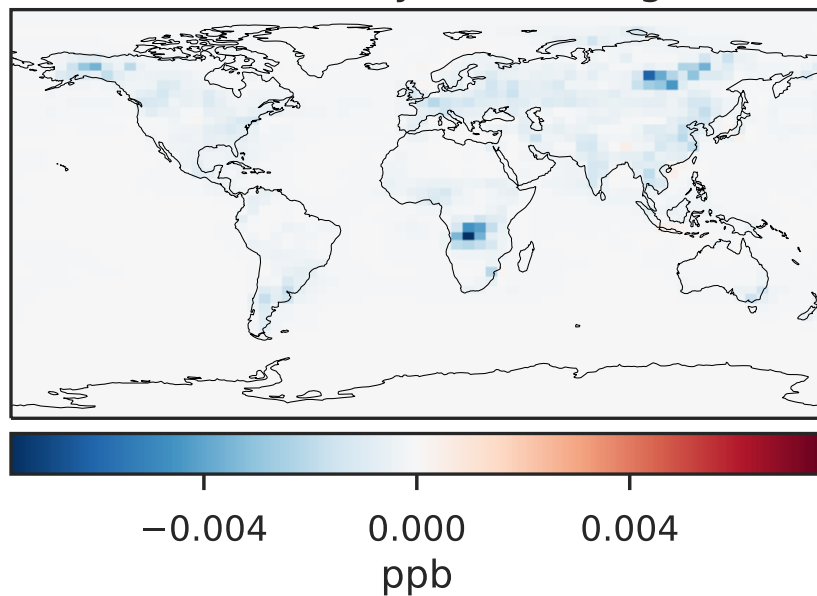
Fast-JX in 14.3.0 (Ref)
4.0x5.0



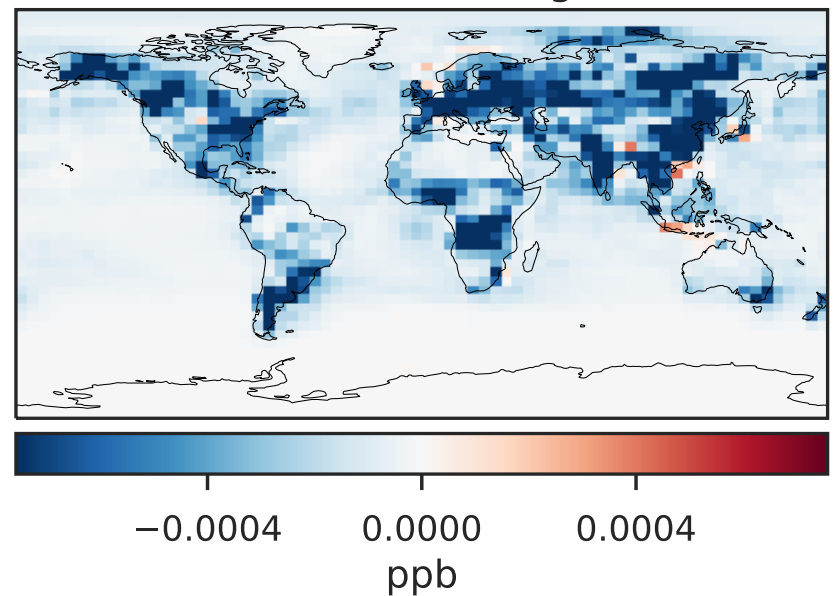
Cloud-J in 14.3.0 (Dev)
4.0x5.0



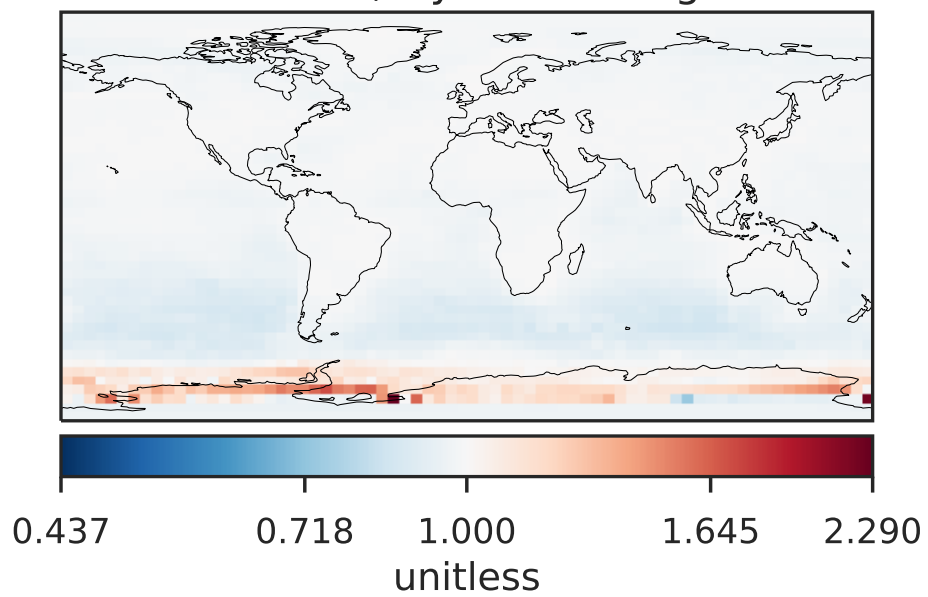
Difference
Dev - Ref, Dynamic Range



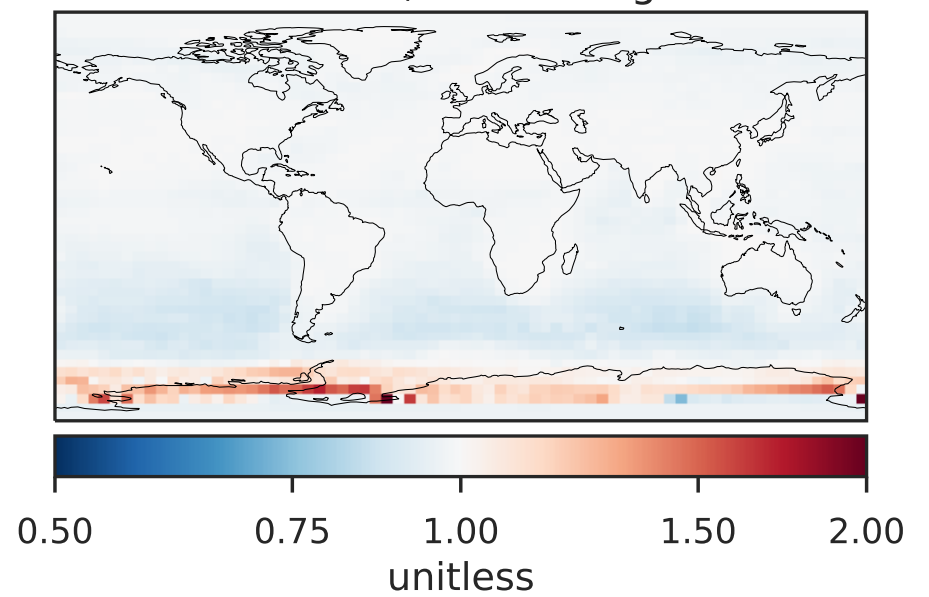
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

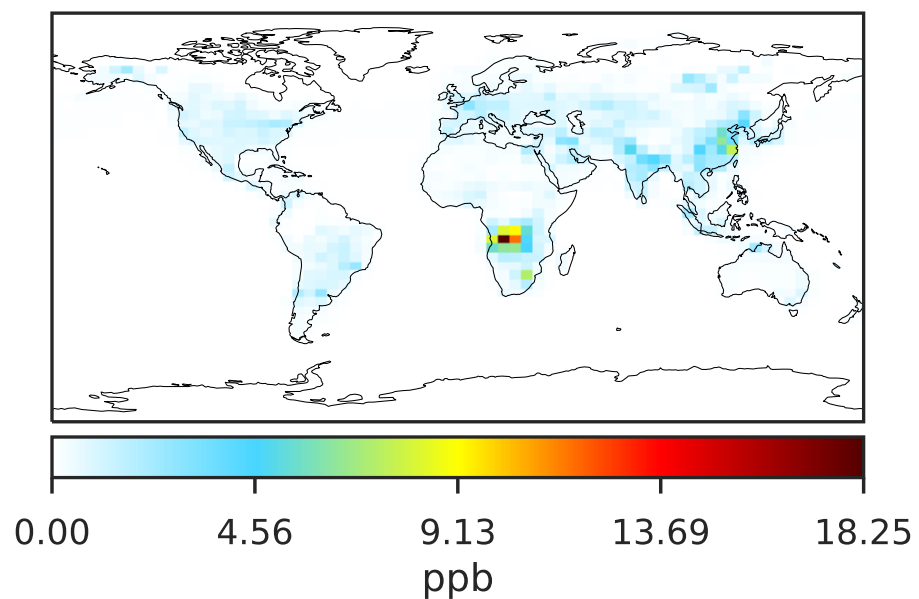


Ratio
Dev/Ref, Fixed Range

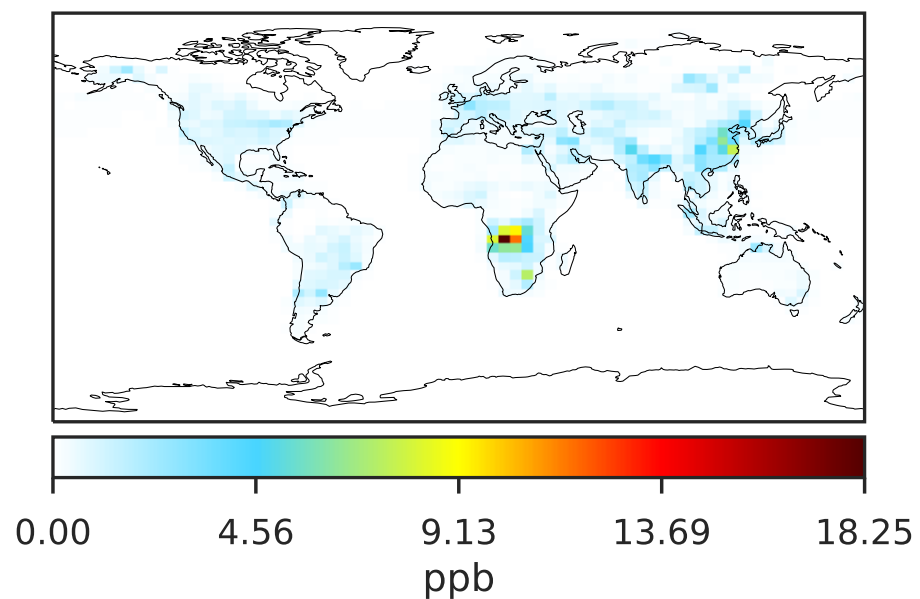


SpeciesConcVV_NO2

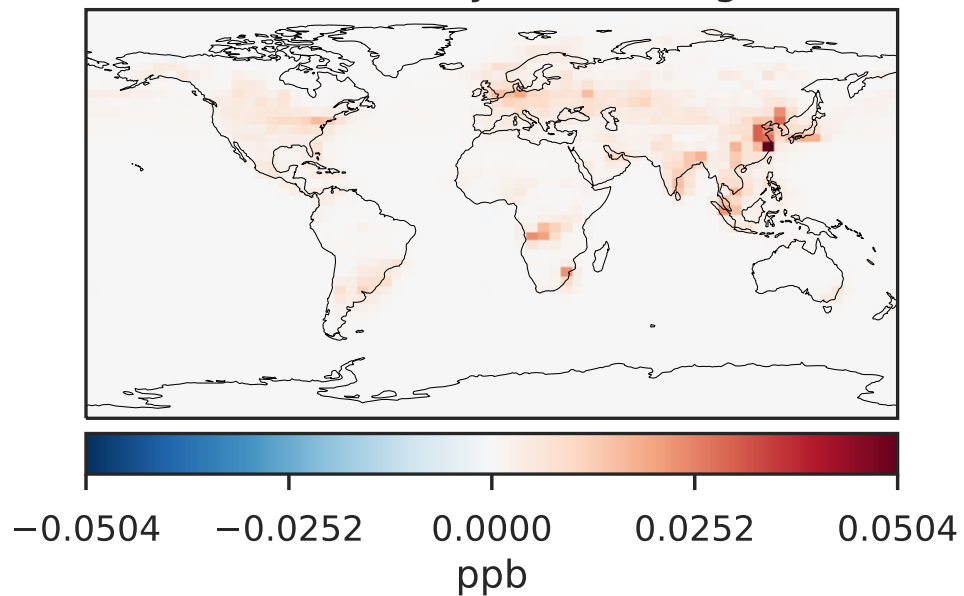
Fast-JX in 14.3.0 (Ref)
4.0x5.0



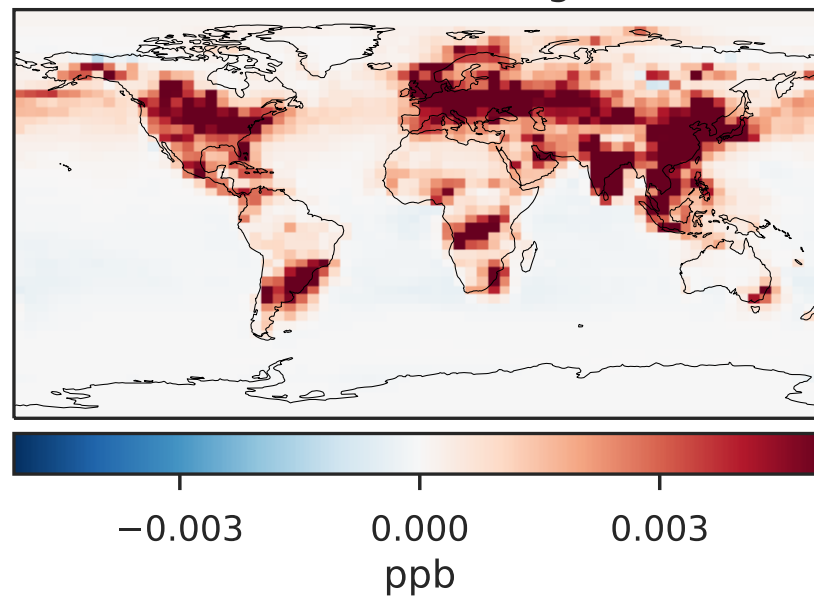
Cloud-J in 14.3.0 (Dev)
4.0x5.0



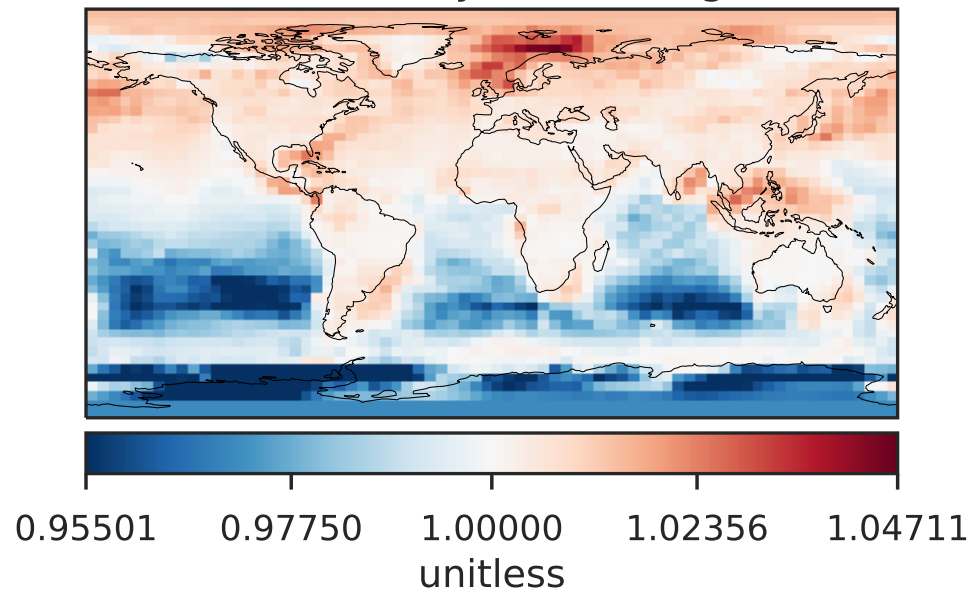
Difference
Dev - Ref, Dynamic Range



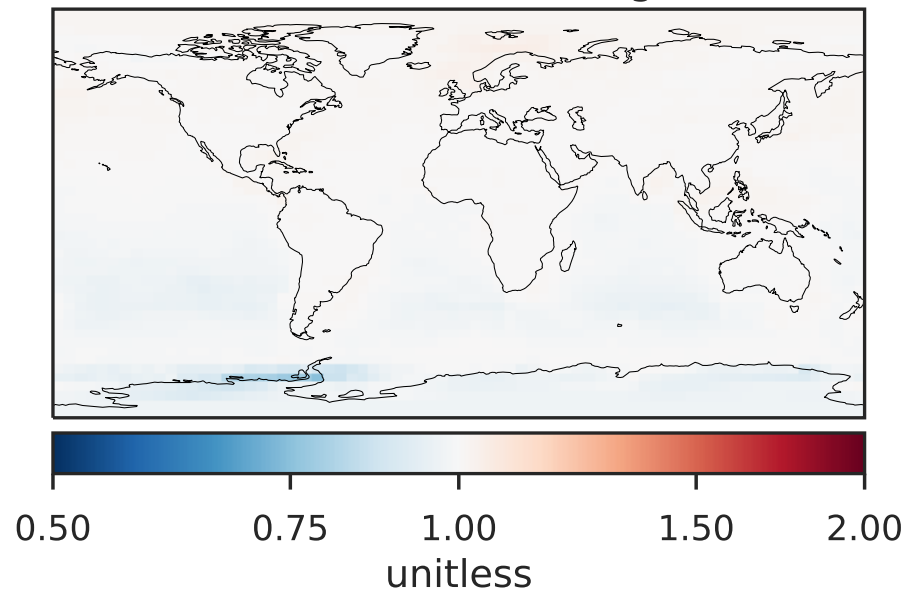
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

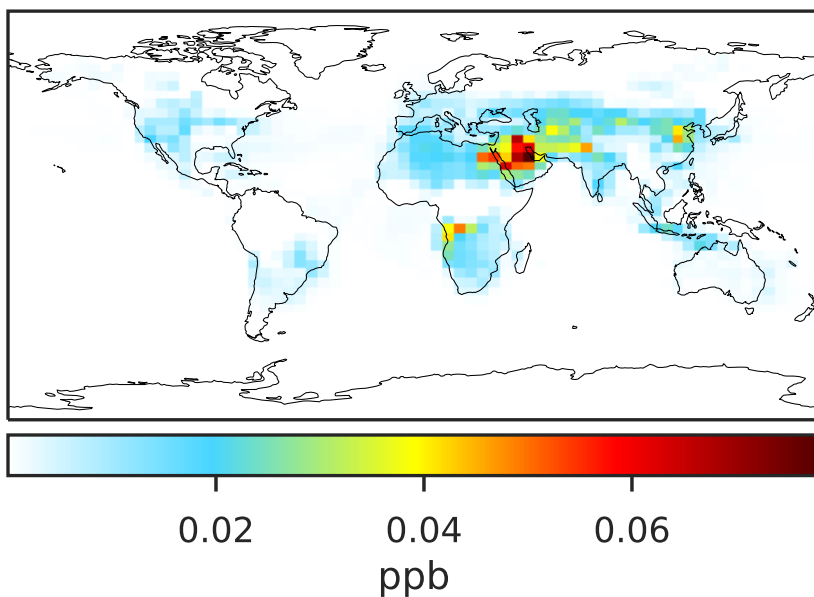


Ratio
Dev/Ref, Fixed Range

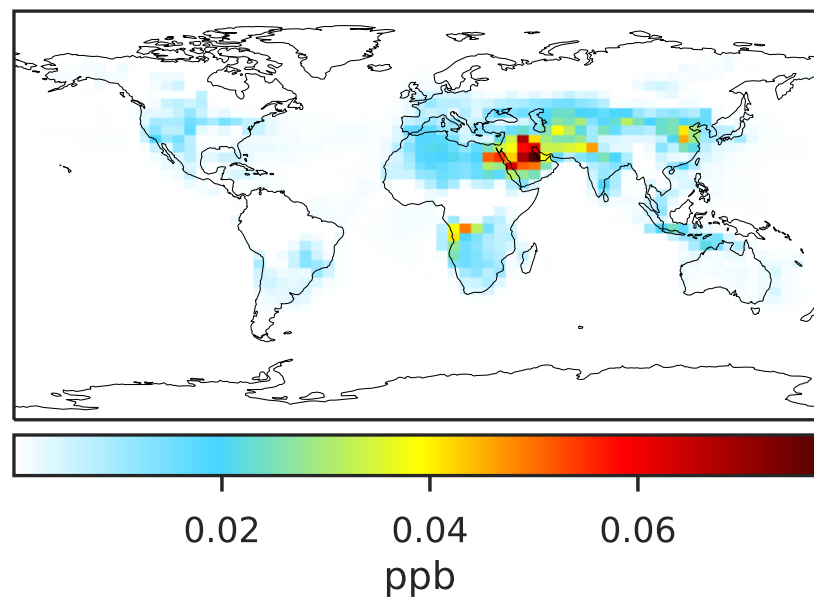


SpeciesConcVV_NO3

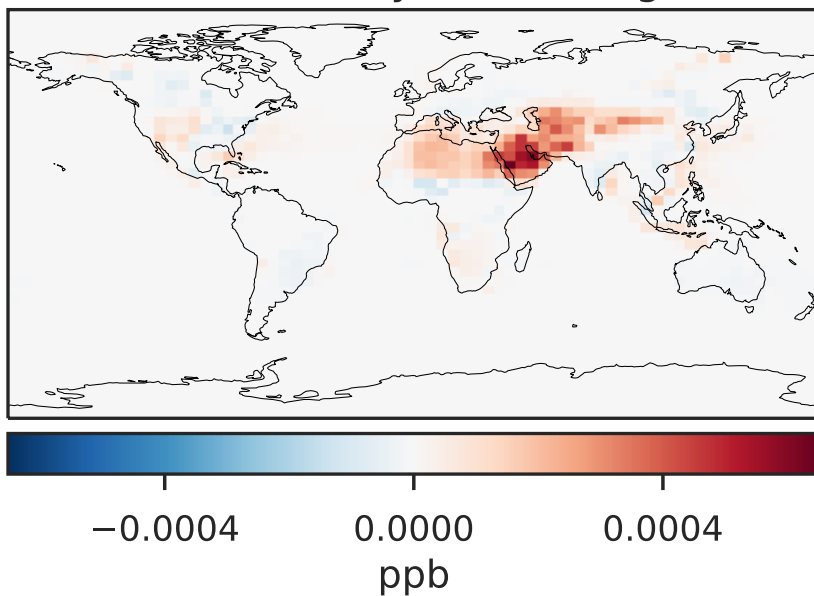
Fast-JX in 14.3.0 (Ref)
4.0x5.0



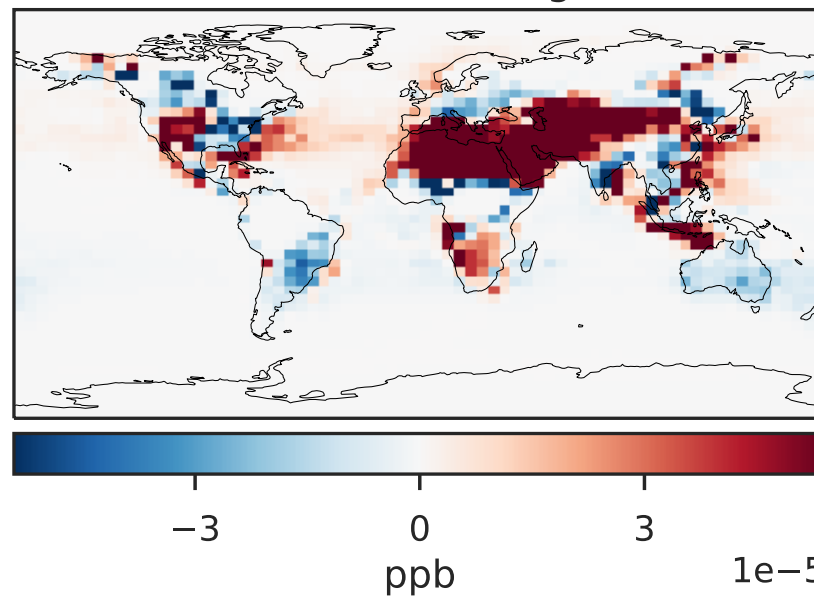
Cloud-J in 14.3.0 (Dev)
4.0x5.0



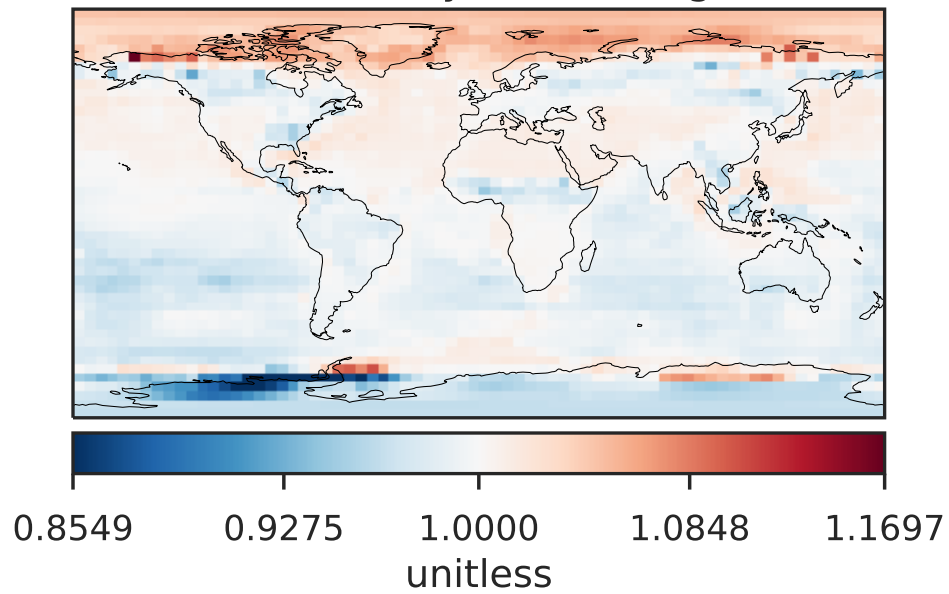
Difference
Dev - Ref, Dynamic Range



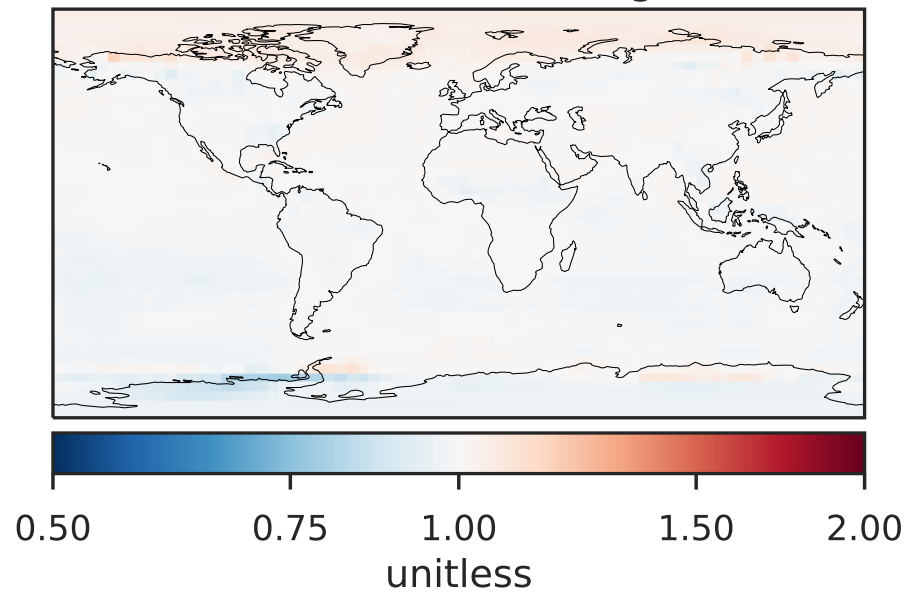
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

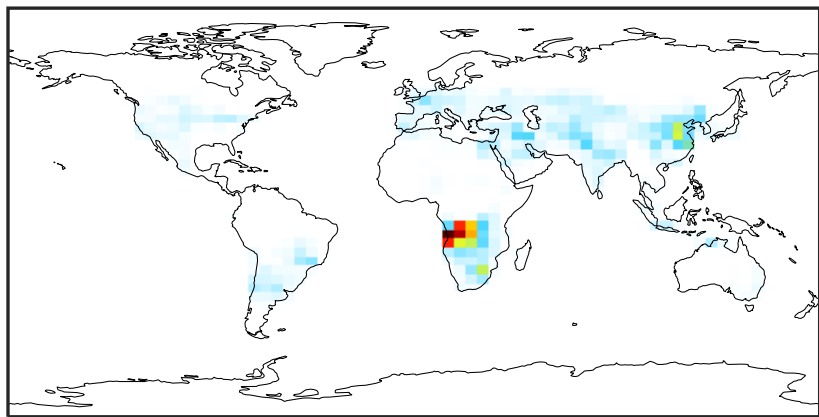


Ratio
Dev/Ref, Fixed Range



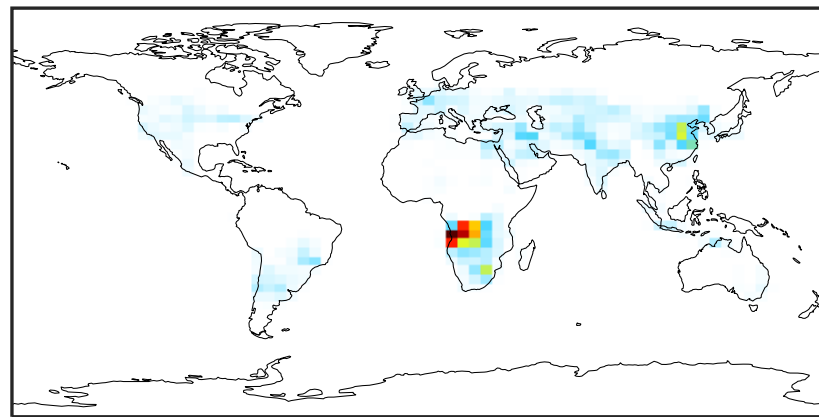
SpeciesConcVV_N2O5

Fast-JX in 14.3.0 (Ref)
4.0x5.0



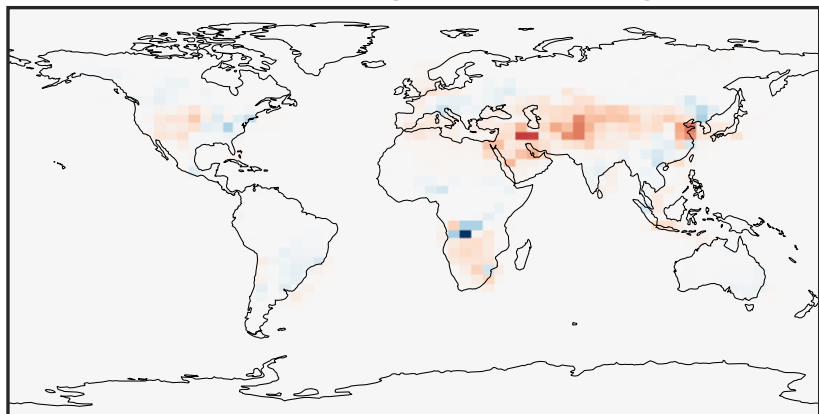
0.0000 0.1366 0.2732 0.4098 0.5464
ppb

Cloud-J in 14.3.0 (Dev)
4.0x5.0



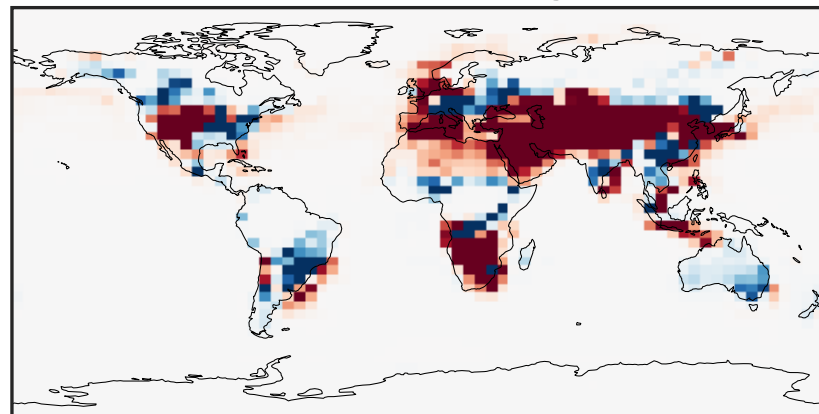
0.0000 0.1366 0.2732 0.4098 0.5464
ppb

Difference
Dev - Ref, Dynamic Range



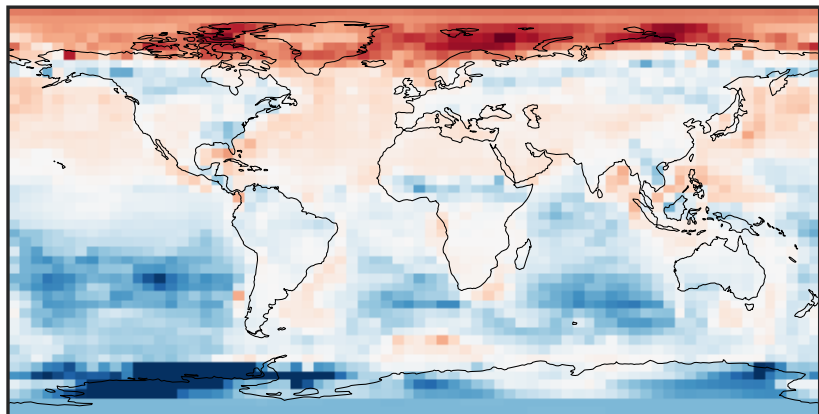
-0.0006 0.0000 0.0006
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



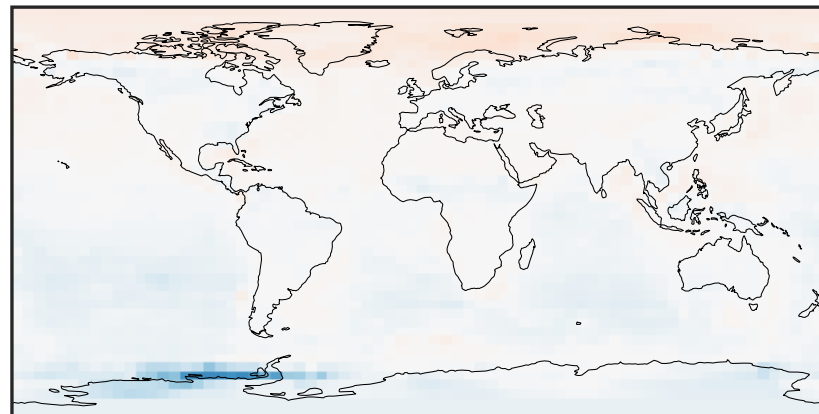
-3 0 3
ppb 1e-5

Ratio
Dev/Ref, Dynamic Range



0.8923 0.9461 1.0000 1.0604 1.1207
unitless

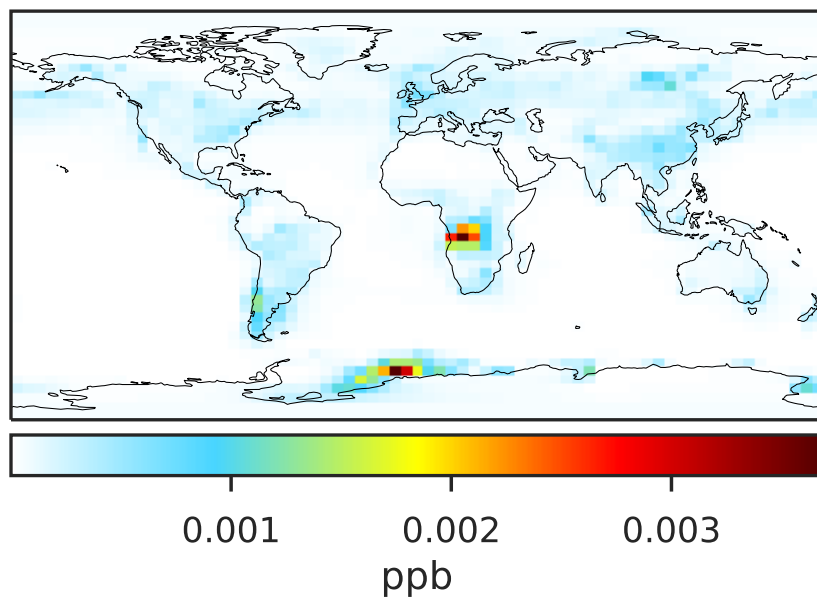
Ratio
Dev/Ref, Fixed Range



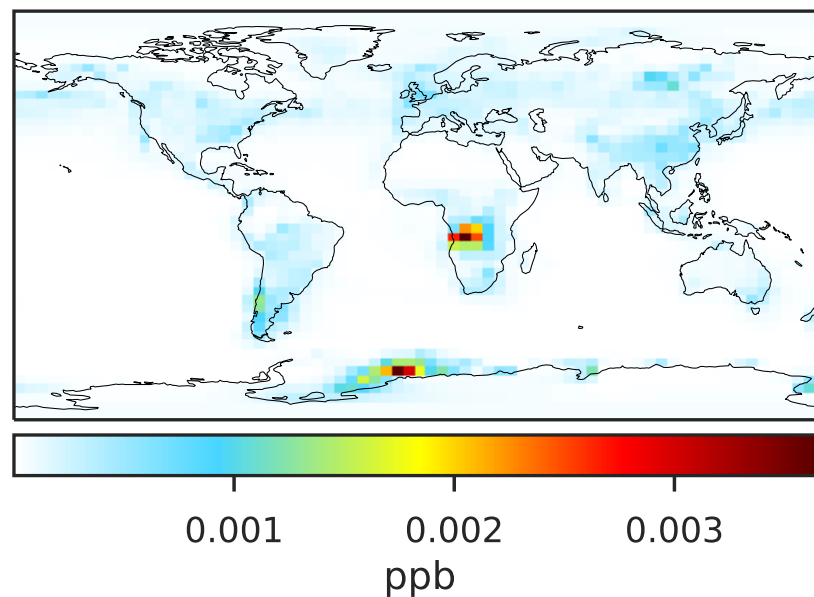
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MPN

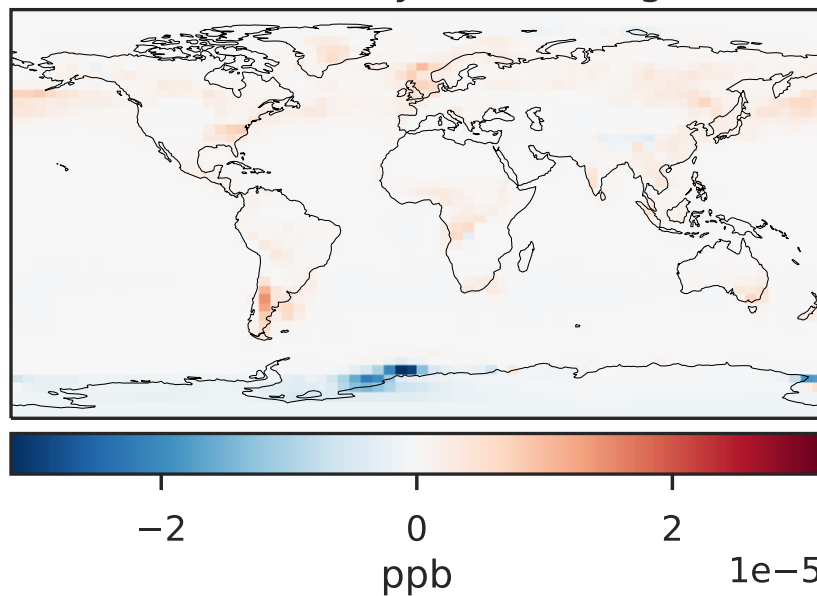
Fast-JX in 14.3.0 (Ref)
4.0x5.0



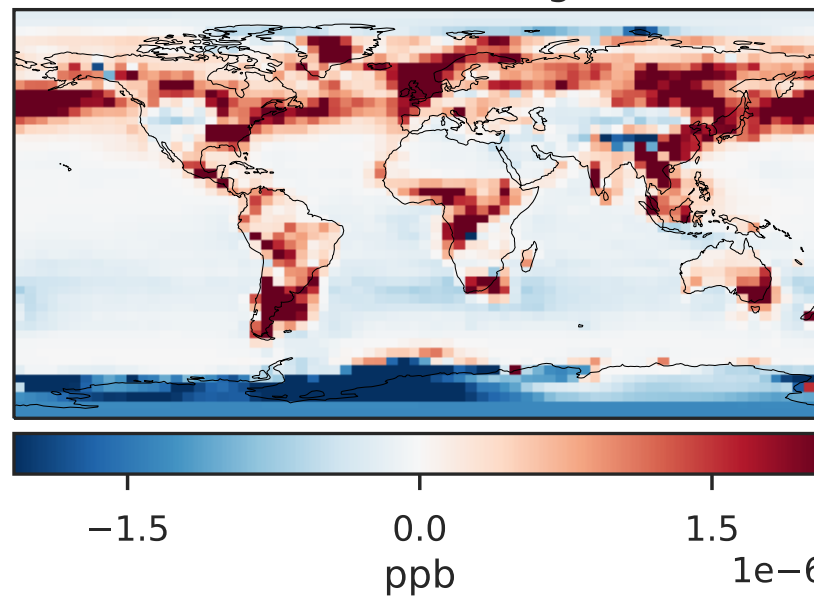
Cloud-J in 14.3.0 (Dev)
4.0x5.0



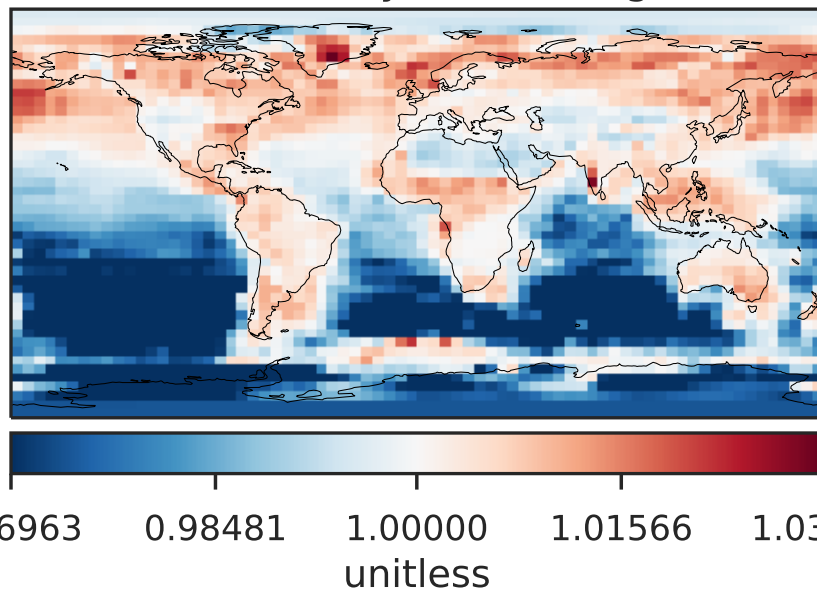
Difference
Dev - Ref, Dynamic Range



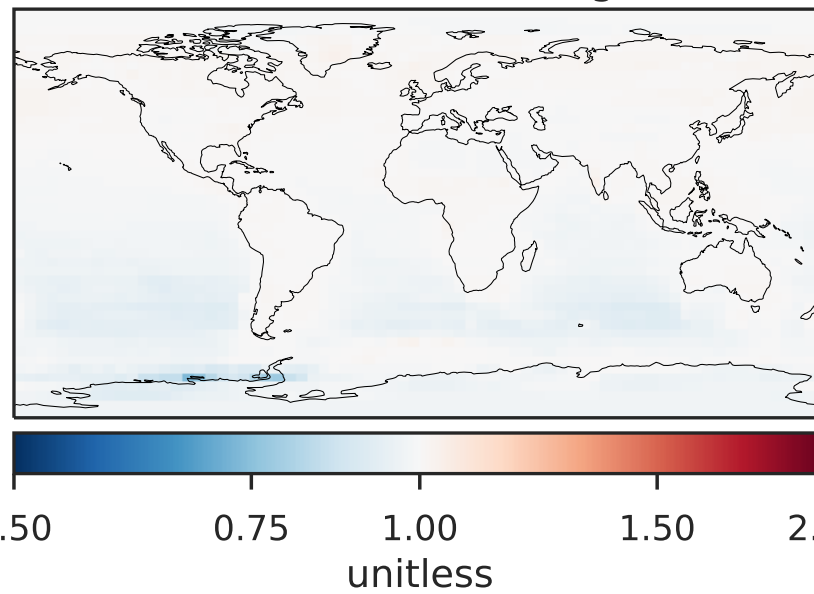
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

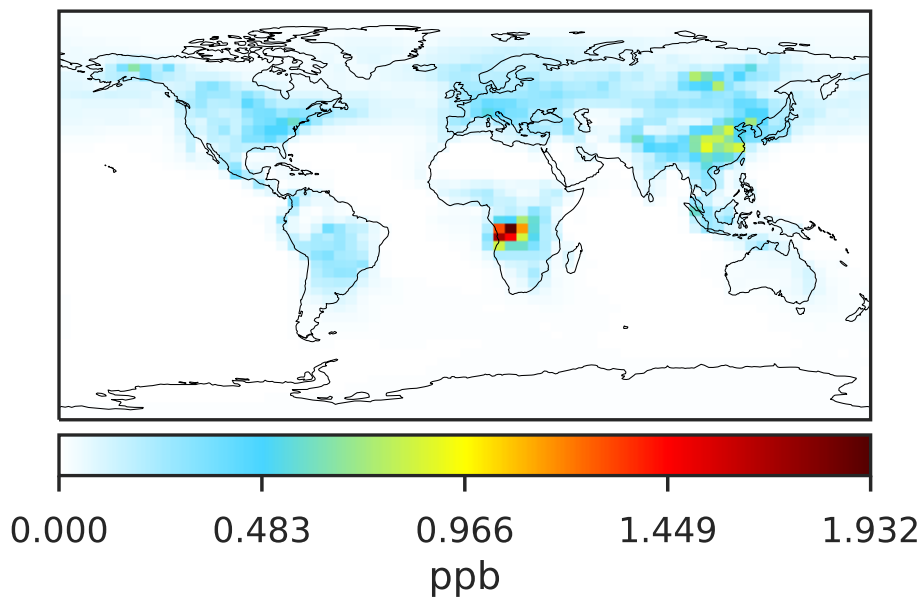


Ratio
Dev/Ref, Fixed Range

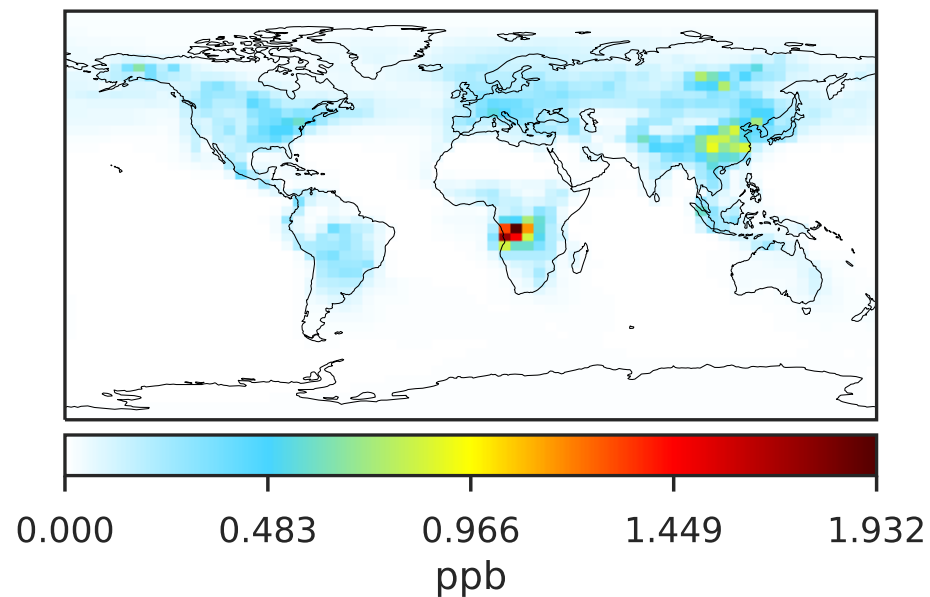


SpeciesConcVV_PAN

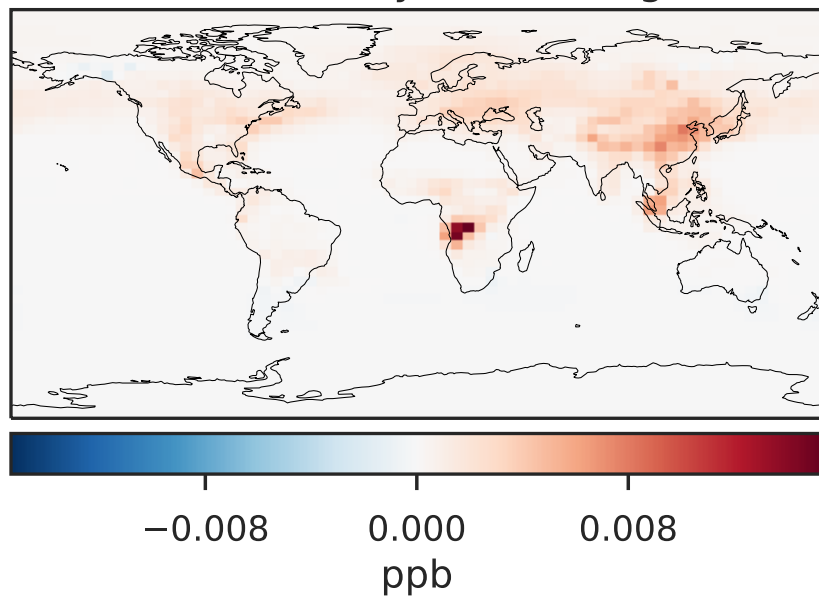
Fast-JX in 14.3.0 (Ref)
4.0x5.0



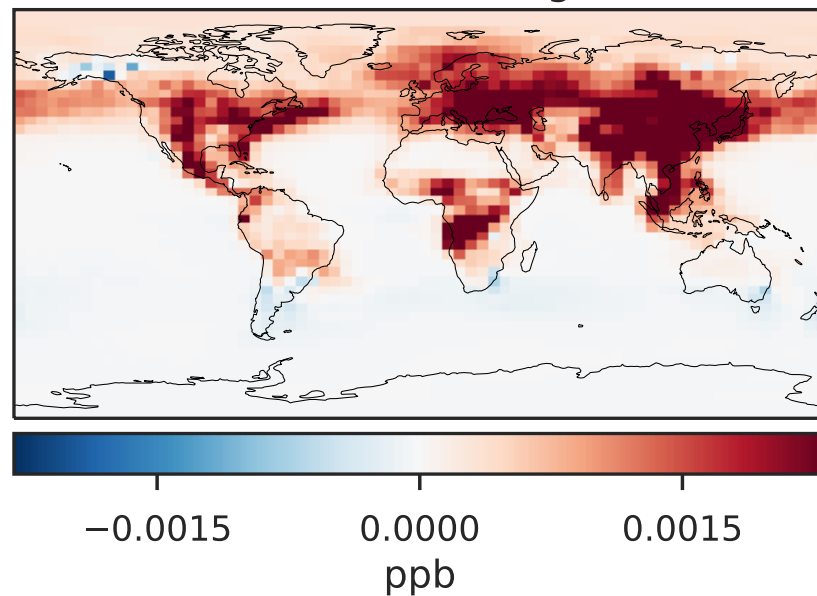
Cloud-J in 14.3.0 (Dev)
4.0x5.0



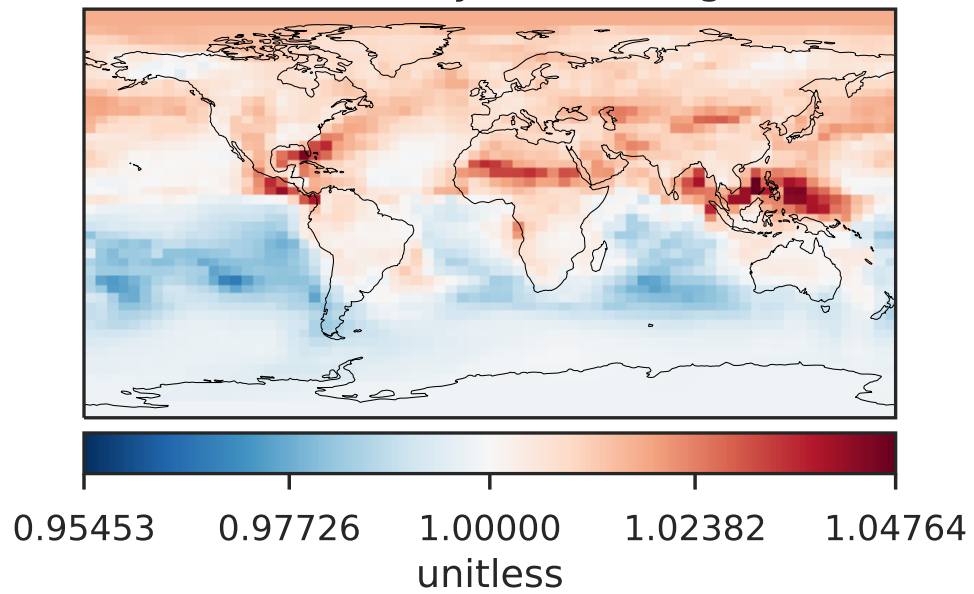
Difference
Dev - Ref, Dynamic Range



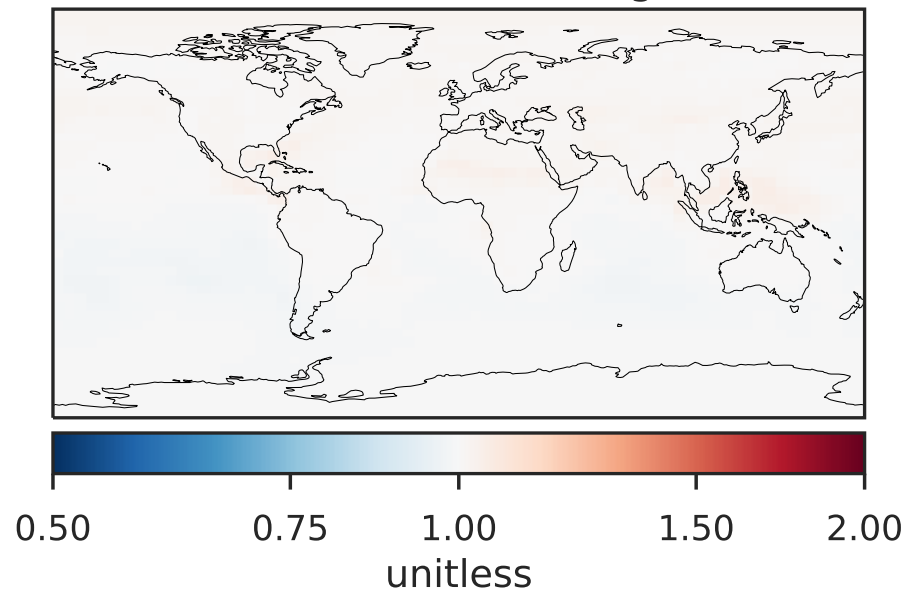
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

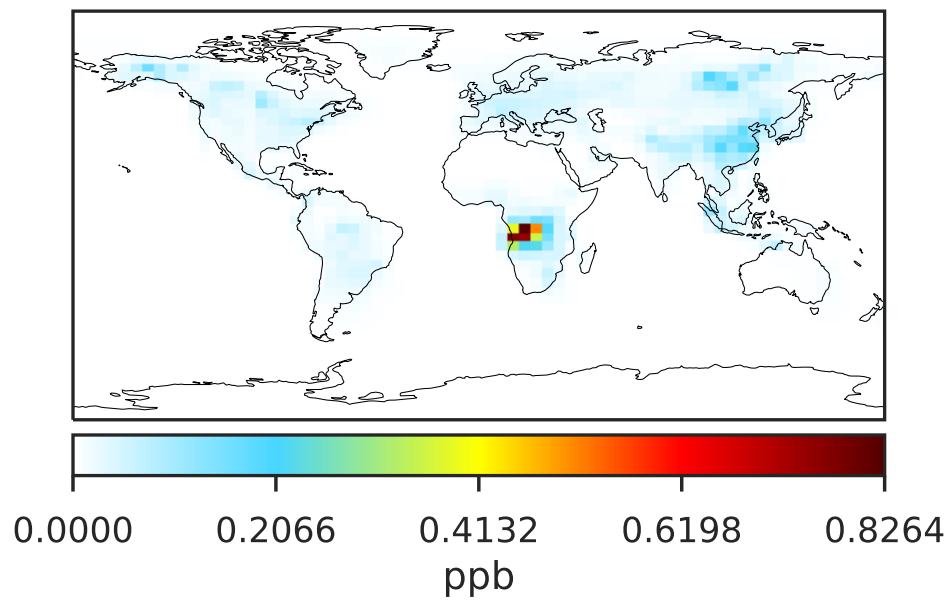


Ratio
Dev/Ref, Fixed Range

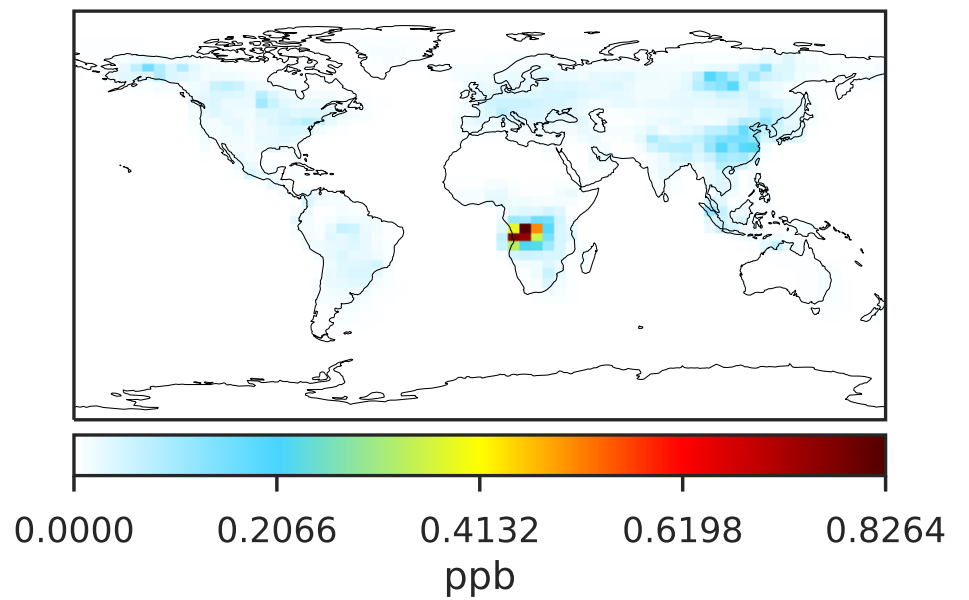


SpeciesConcVV_PPN

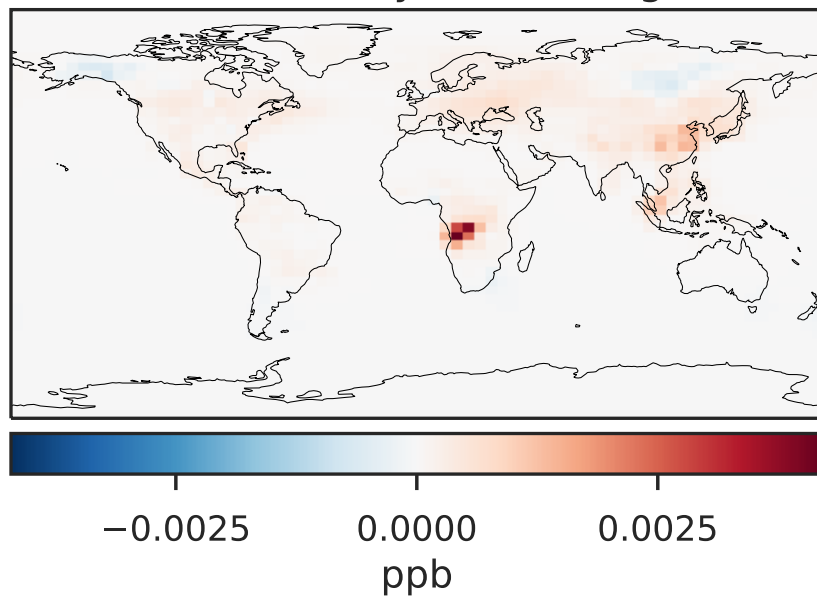
Fast-JX in 14.3.0 (Ref)
4.0x5.0



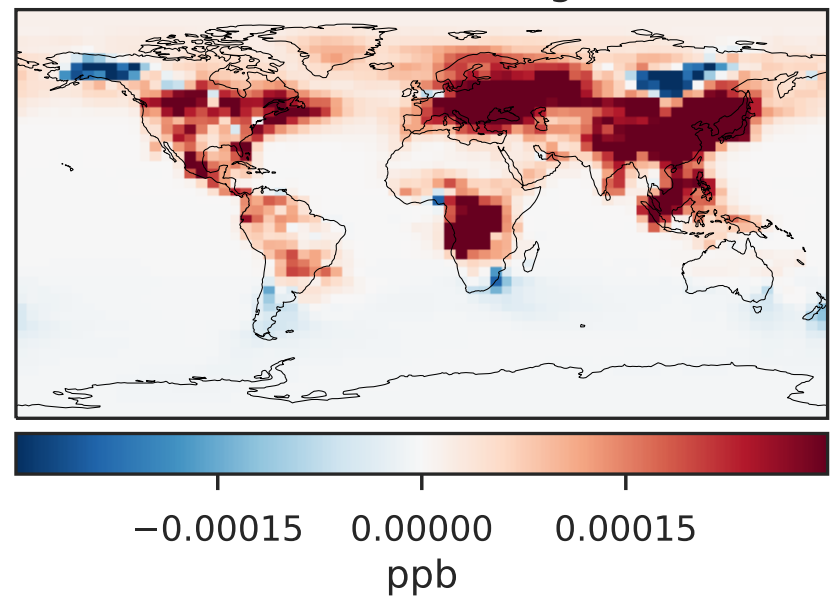
Cloud-J in 14.3.0 (Dev)
4.0x5.0



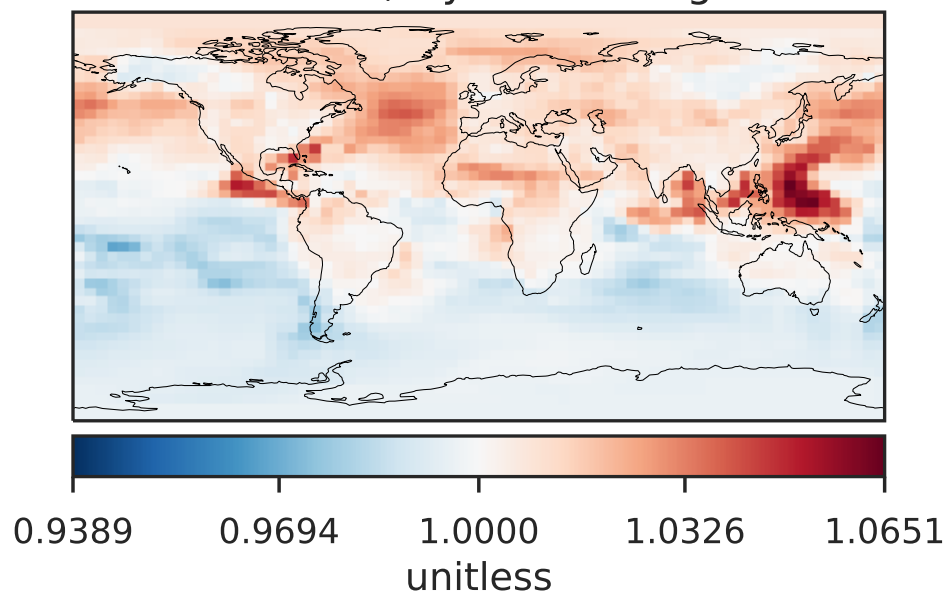
Difference
Dev - Ref, Dynamic Range



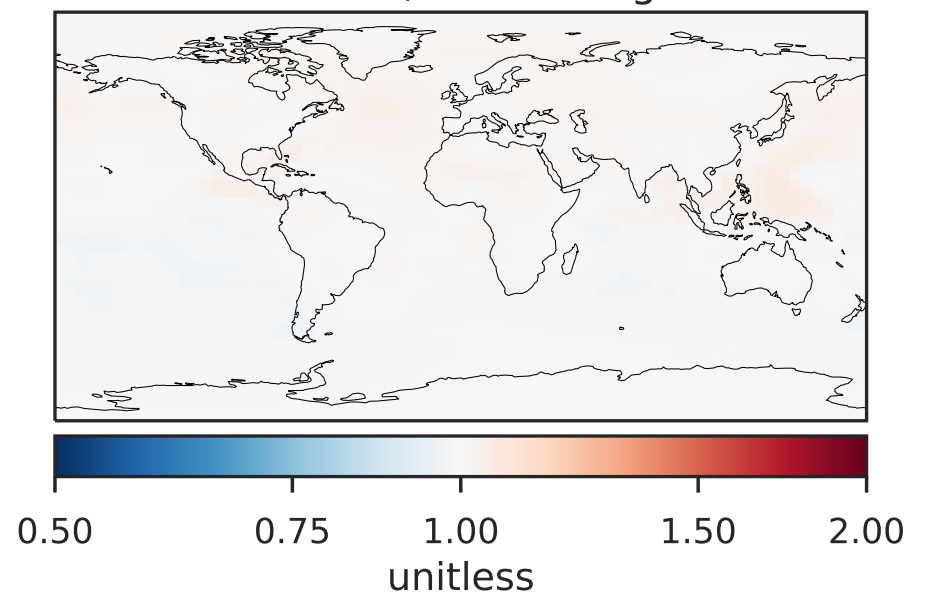
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

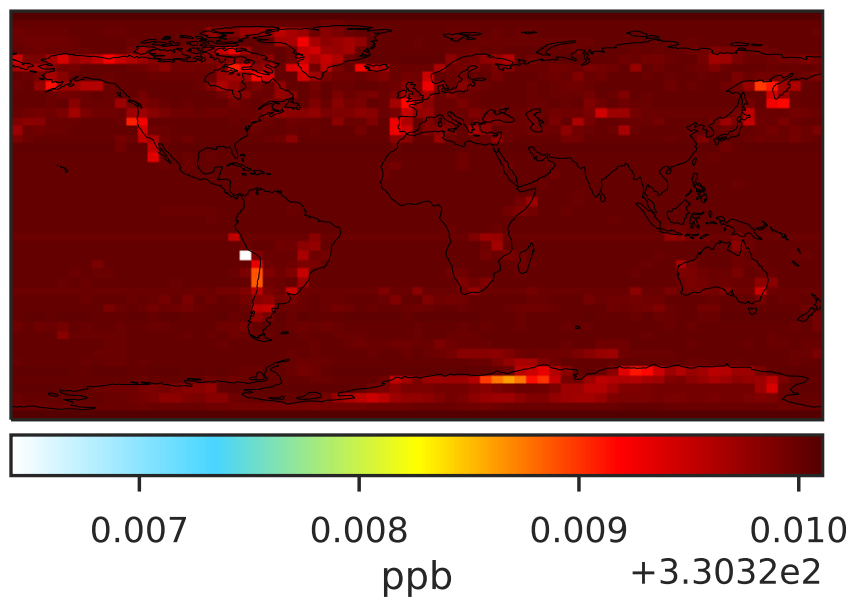


Ratio
Dev/Ref, Fixed Range

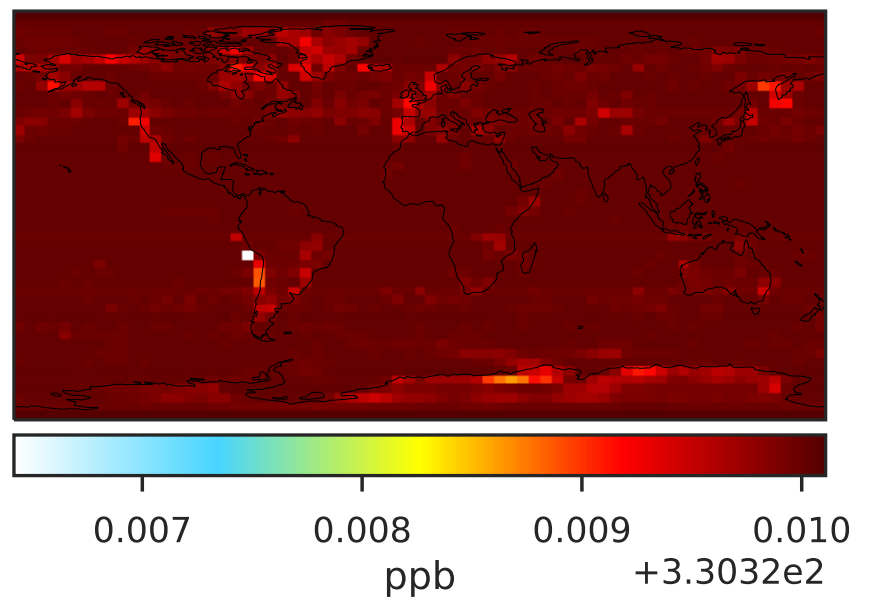


SpeciesConcVV_N2O

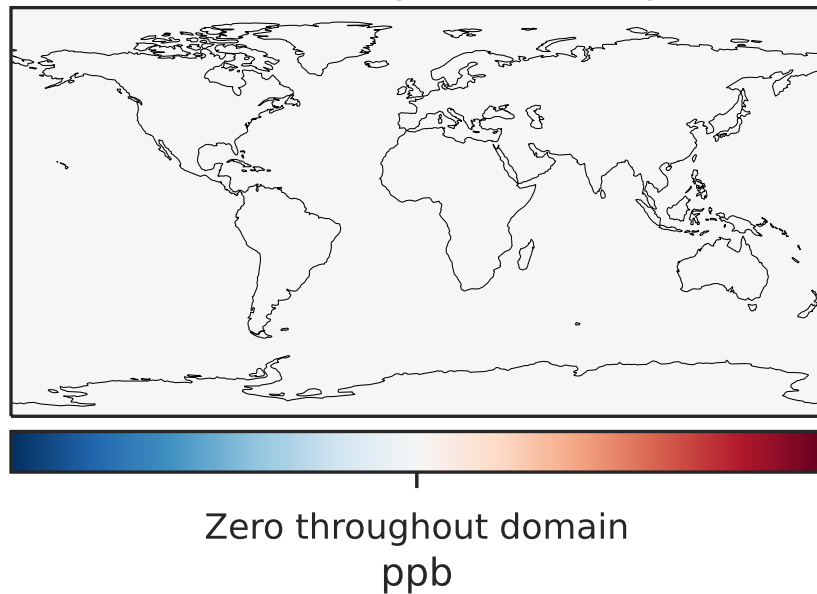
Fast-JX in 14.3.0 (Ref)
4.0x5.0



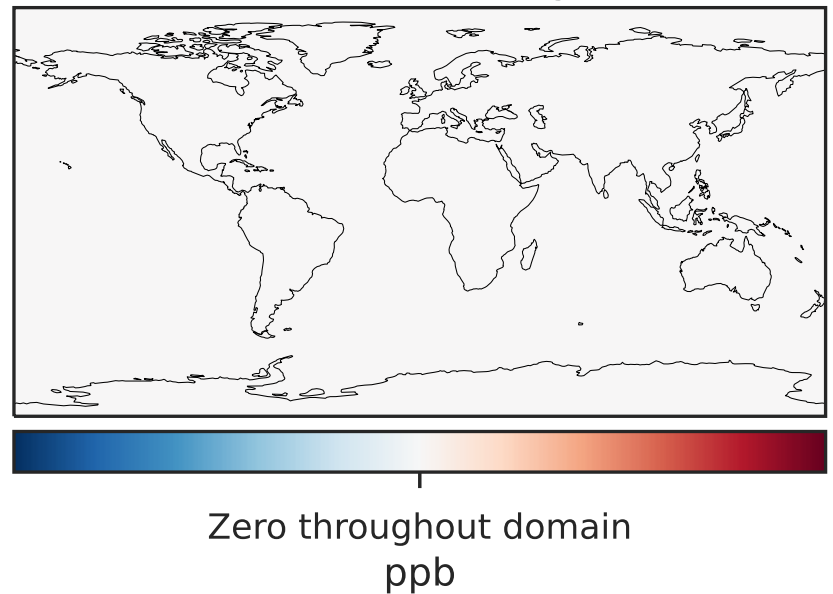
Cloud-J in 14.3.0 (Dev)
4.0x5.0



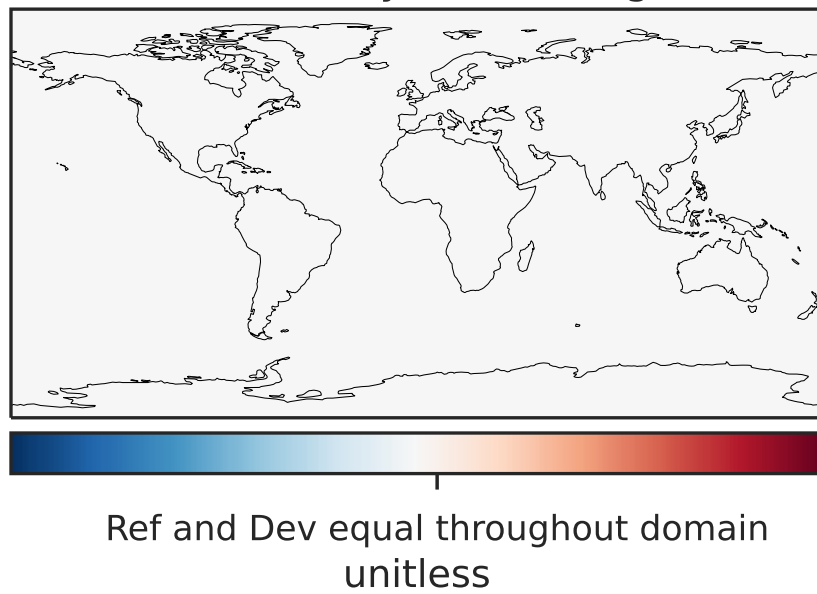
Difference
Dev - Ref, Dynamic Range



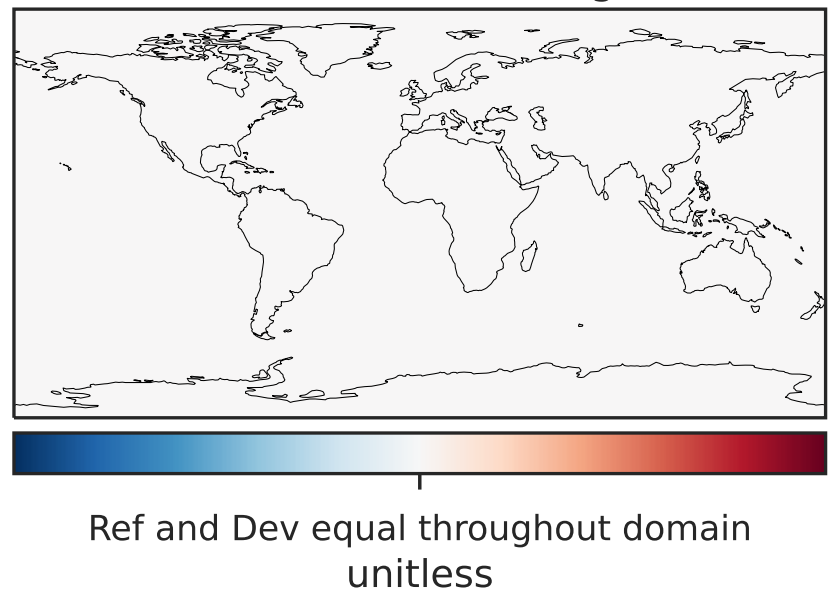
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

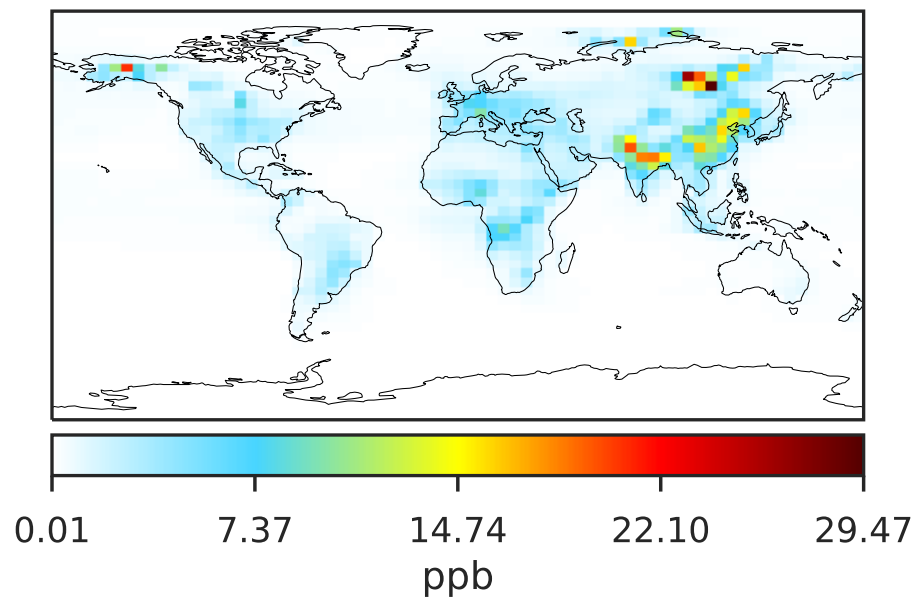


Ratio
Dev/Ref, Fixed Range

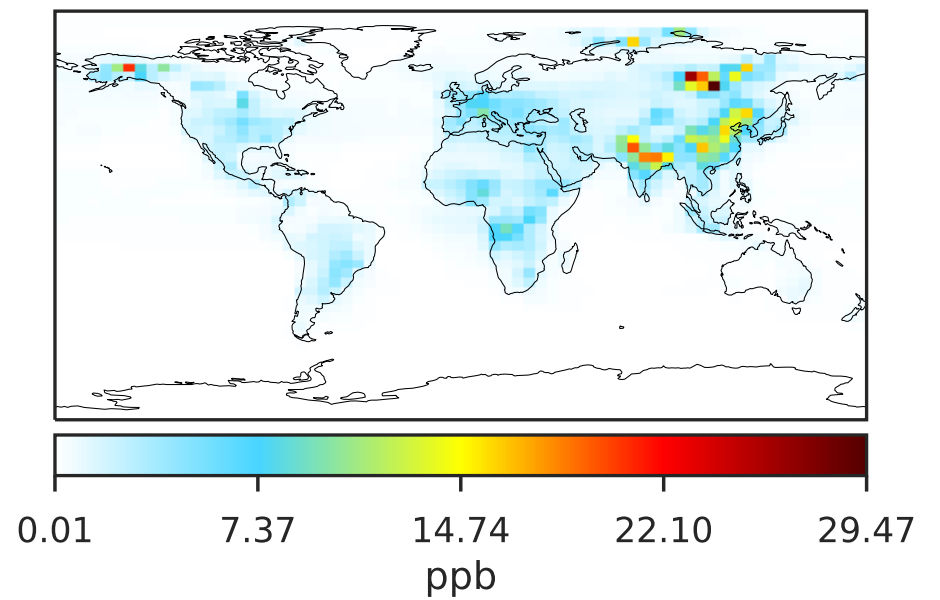


SpeciesConcVV_NHx

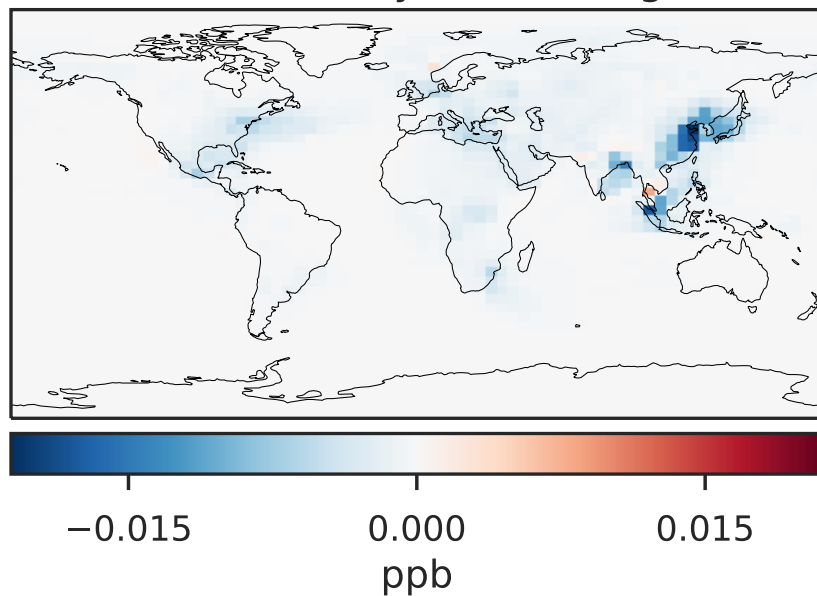
Fast-JX in 14.3.0 (Ref)
4.0x5.0



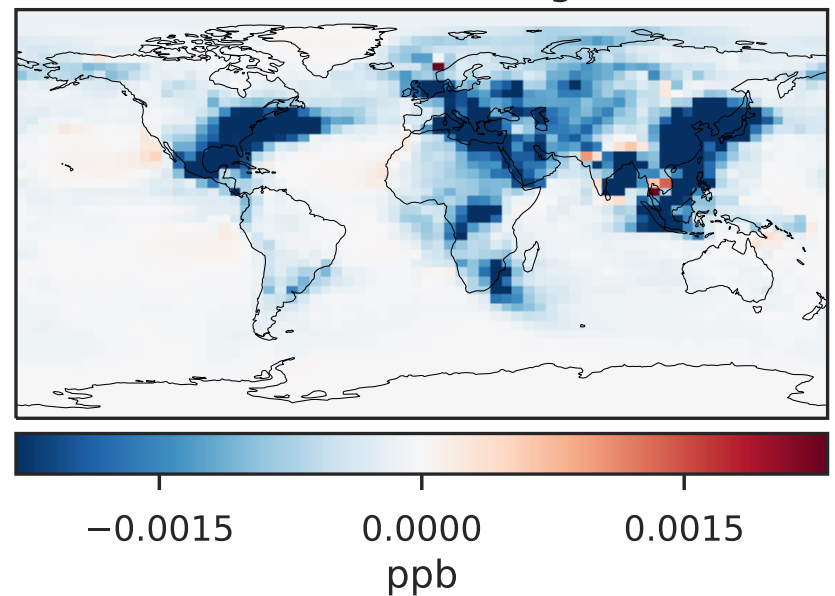
Cloud-J in 14.3.0 (Dev)
4.0x5.0



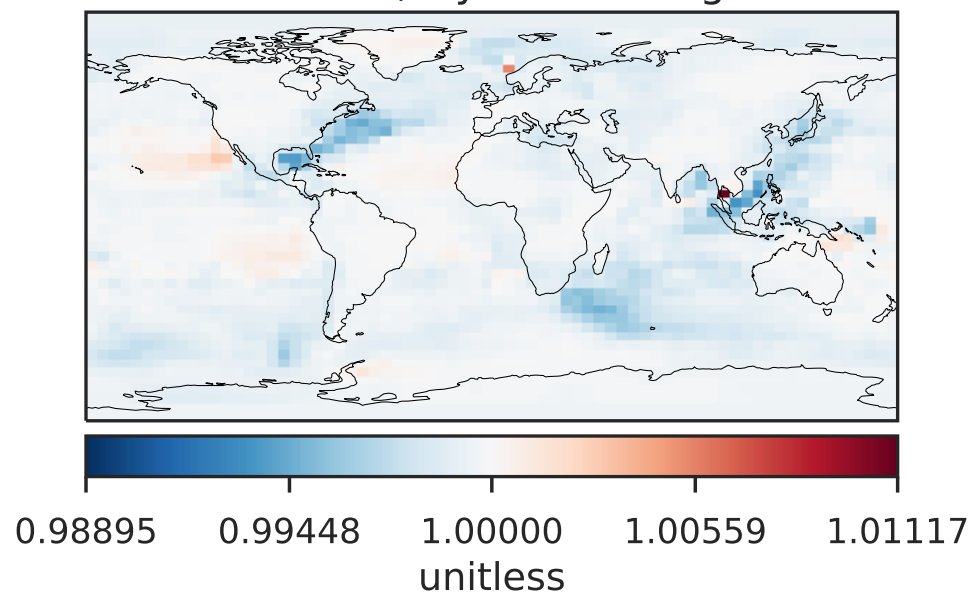
Difference
Dev - Ref, Dynamic Range



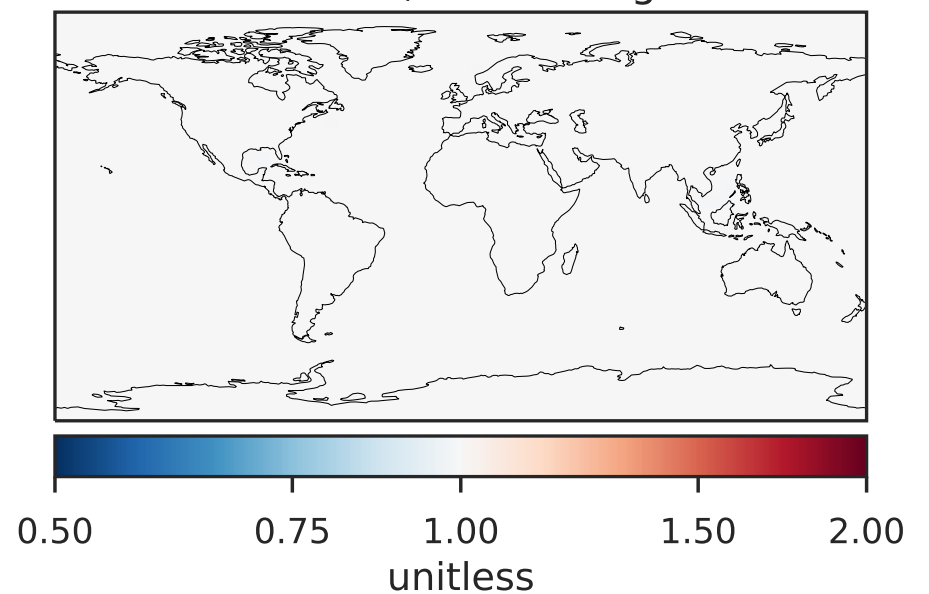
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

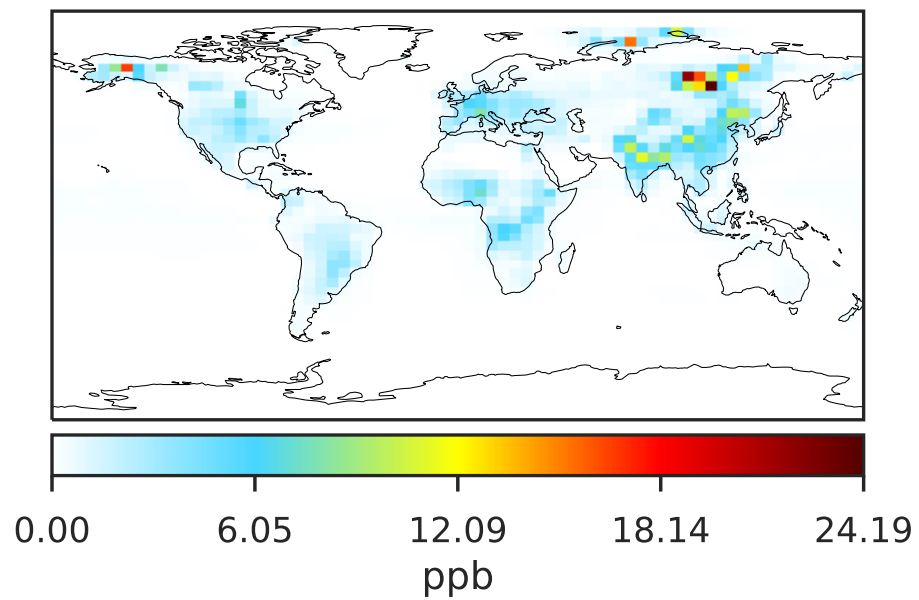


Ratio
Dev/Ref, Fixed Range

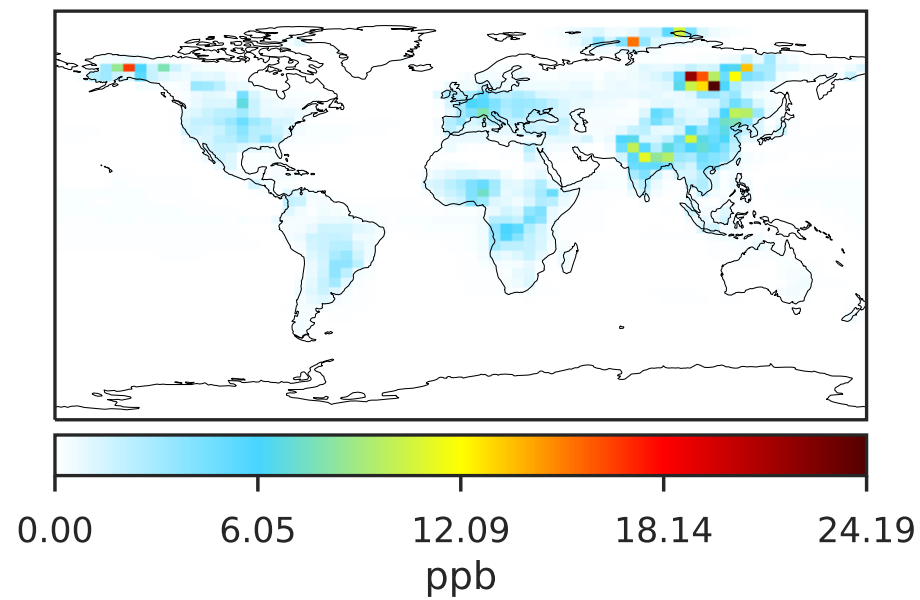


SpeciesConcVV_NH3

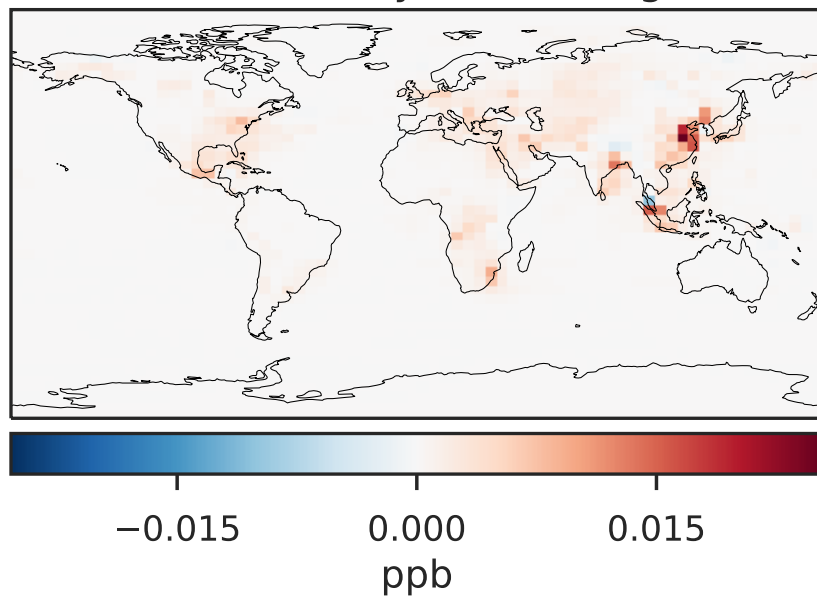
Fast-JX in 14.3.0 (Ref)
4.0x5.0



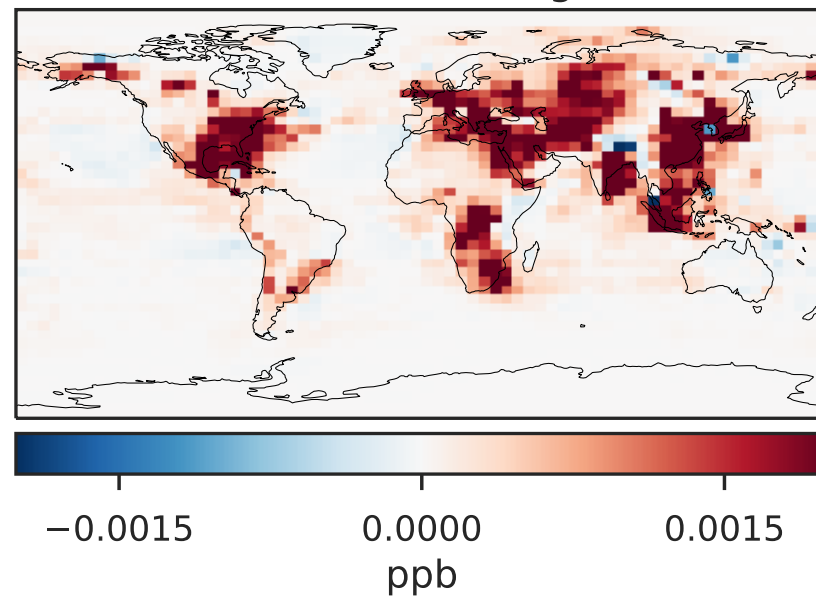
Cloud-J in 14.3.0 (Dev)
4.0x5.0



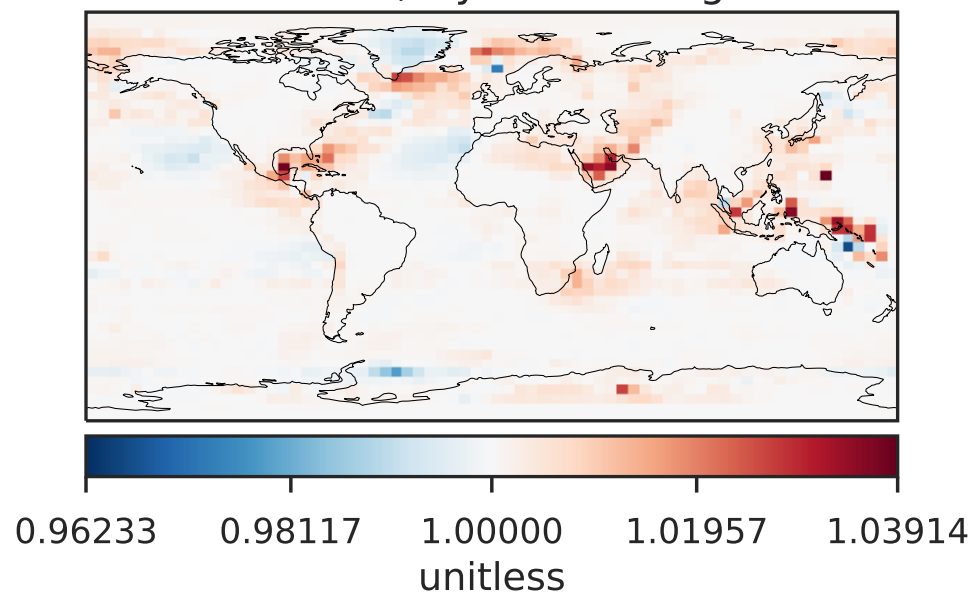
Difference
Dev - Ref, Dynamic Range



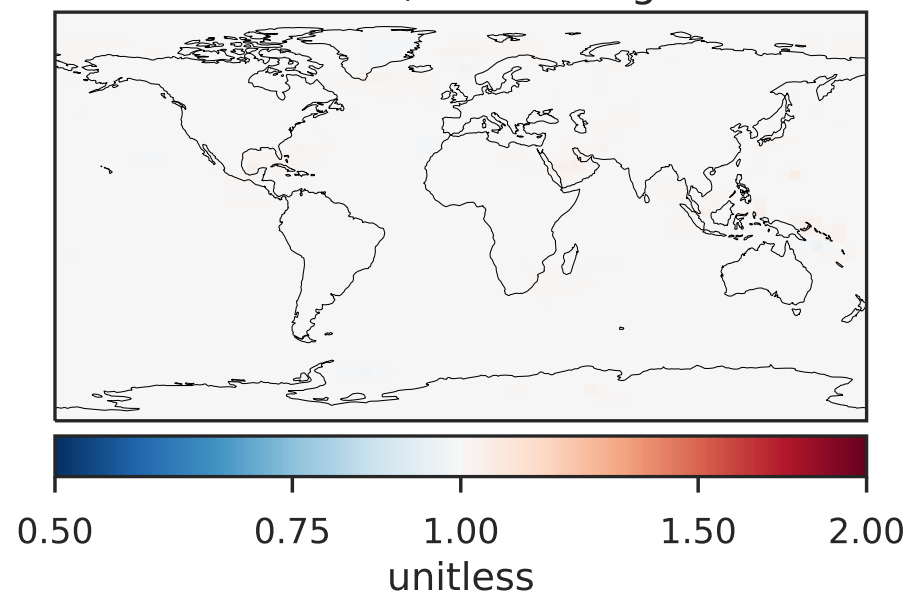
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

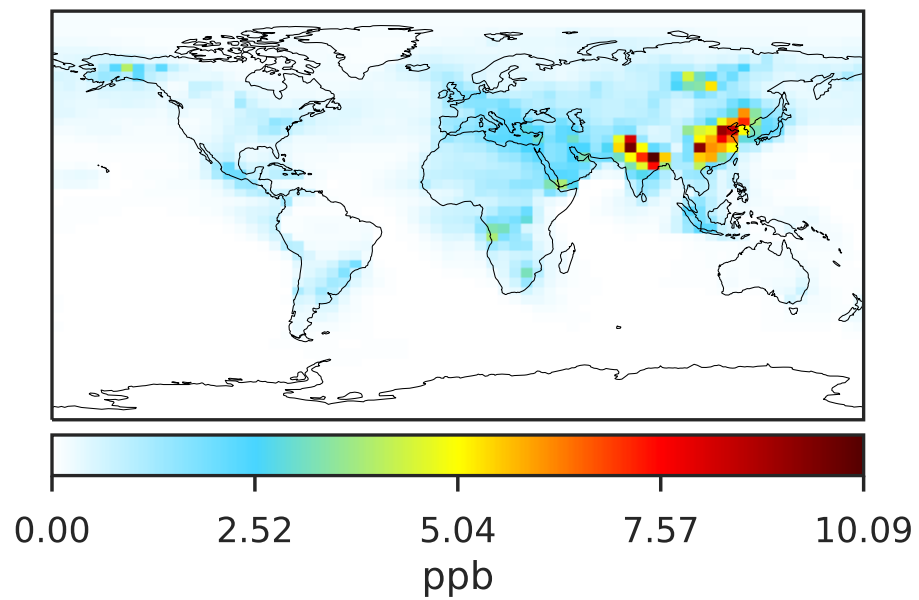


Ratio
Dev/Ref, Fixed Range

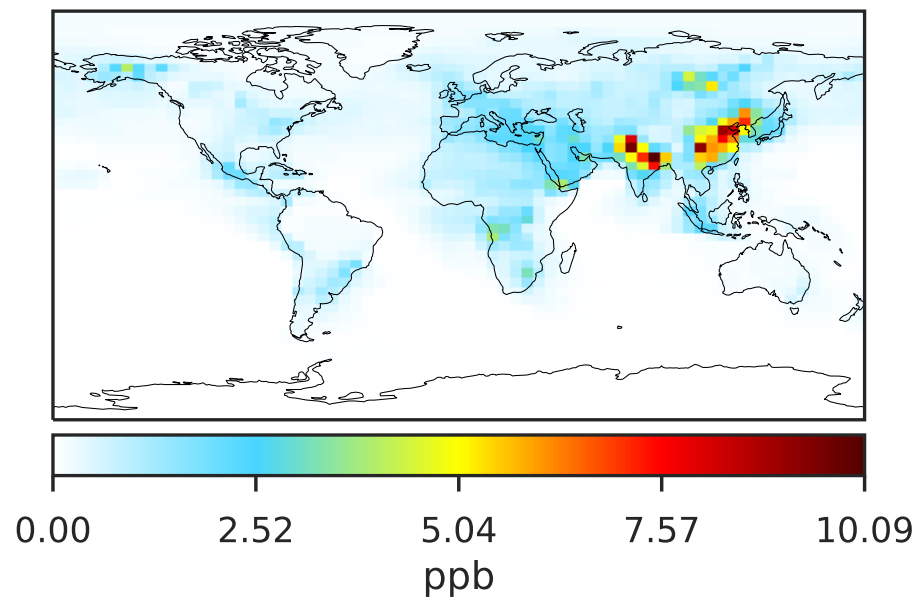


SpeciesConcVV_NH4

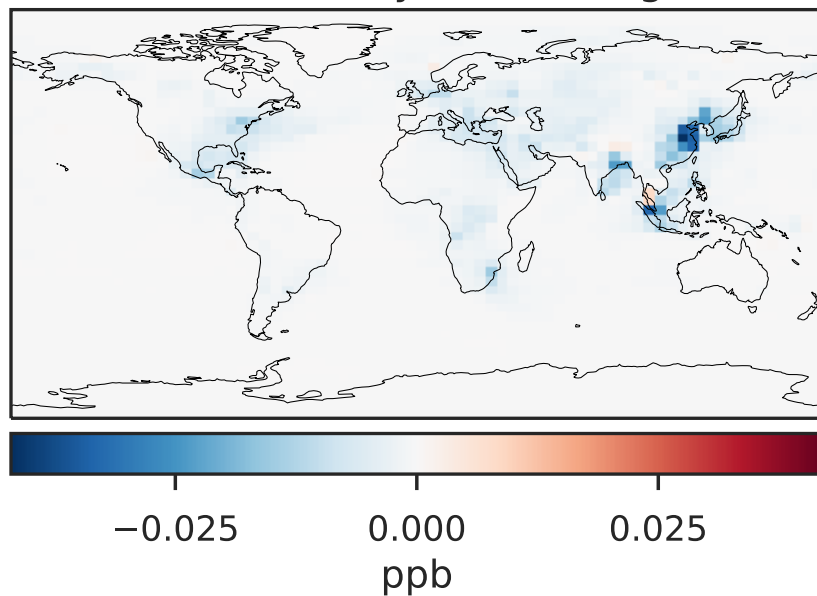
Fast-JX in 14.3.0 (Ref)
4.0x5.0



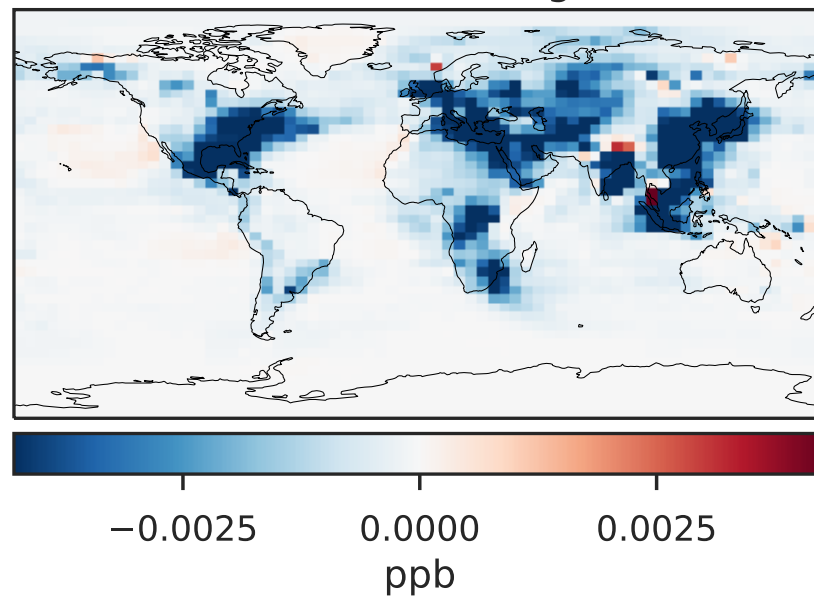
Cloud-J in 14.3.0 (Dev)
4.0x5.0



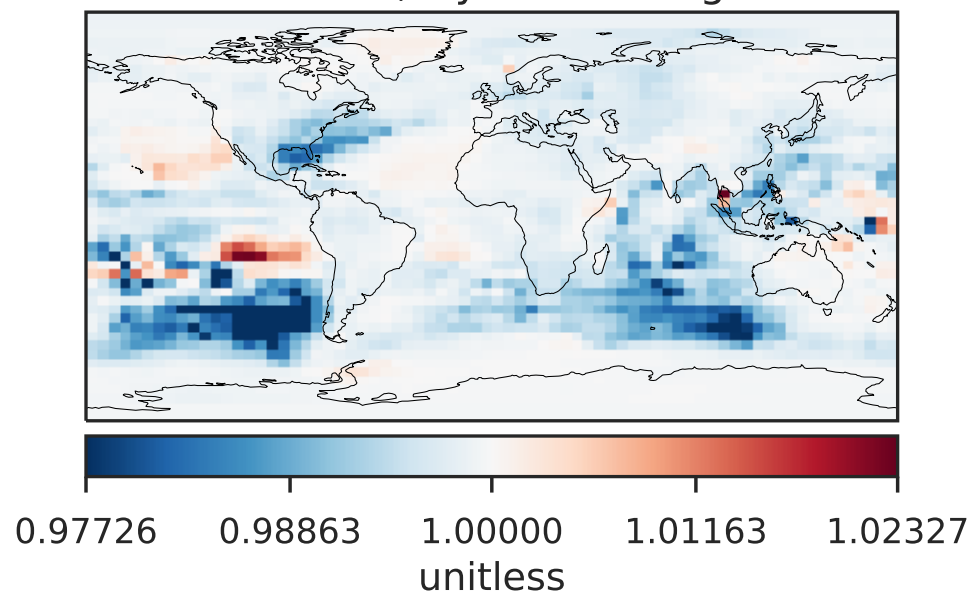
Difference
Dev - Ref, Dynamic Range



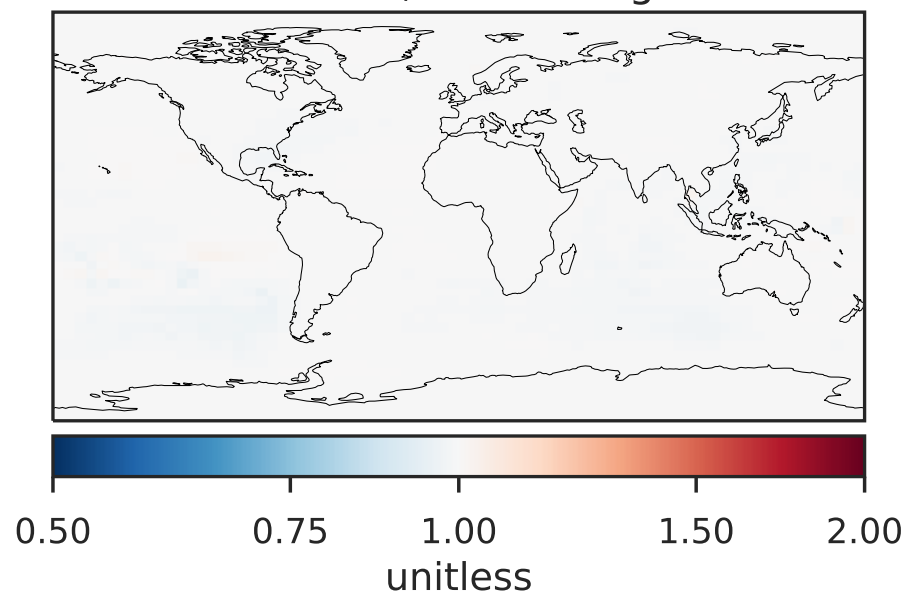
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

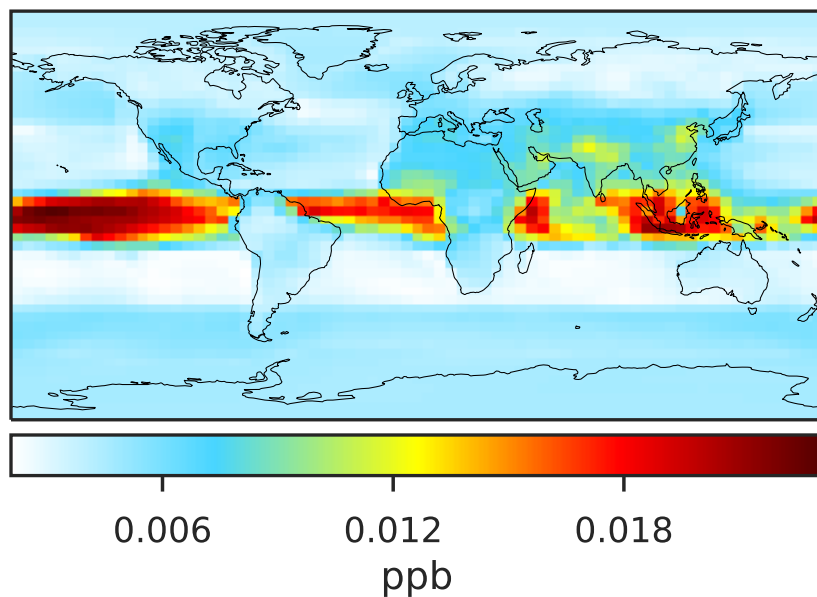


Ratio
Dev/Ref, Fixed Range

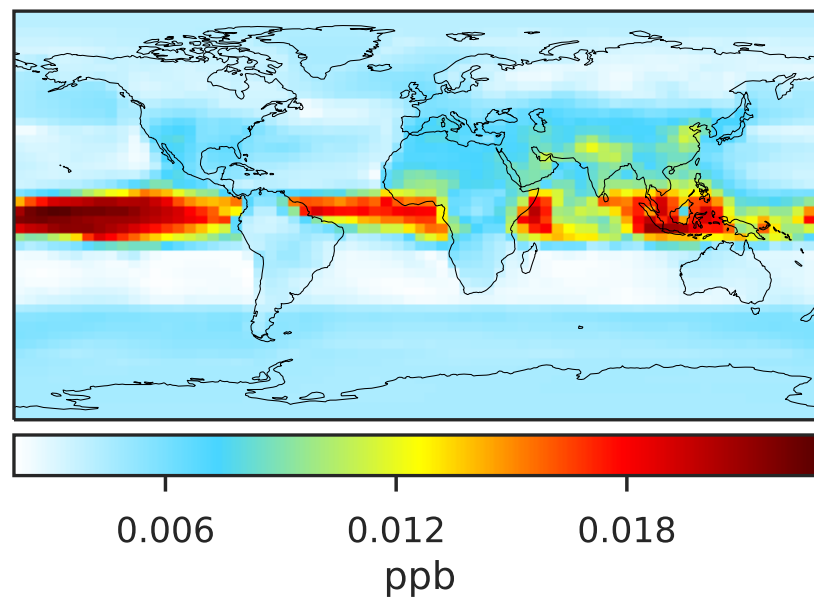


SpeciesConcVV_MENO3

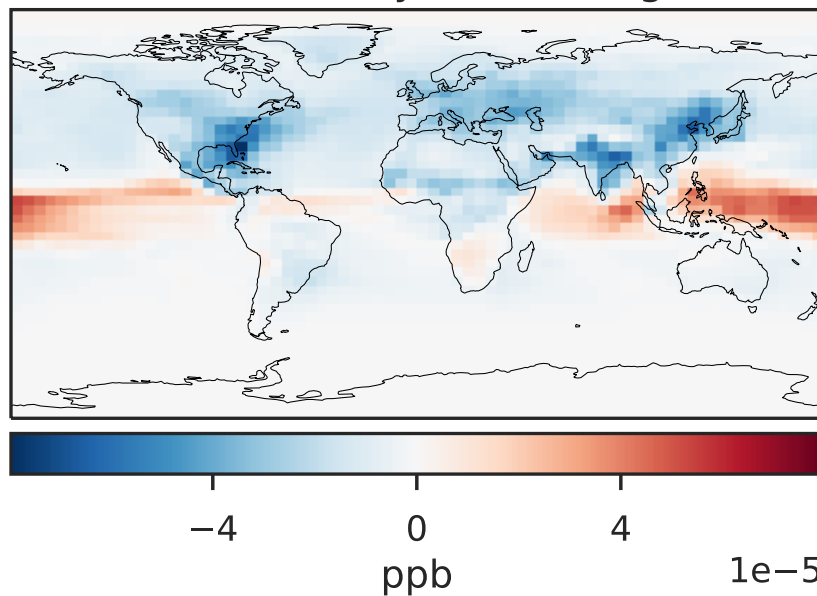
Fast-JX in 14.3.0 (Ref)
4.0x5.0



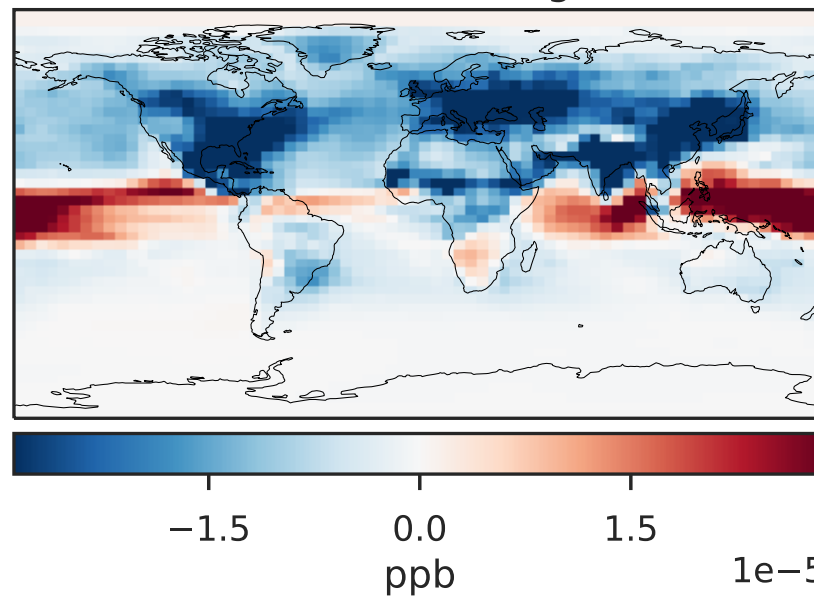
Cloud-J in 14.3.0 (Dev)
4.0x5.0



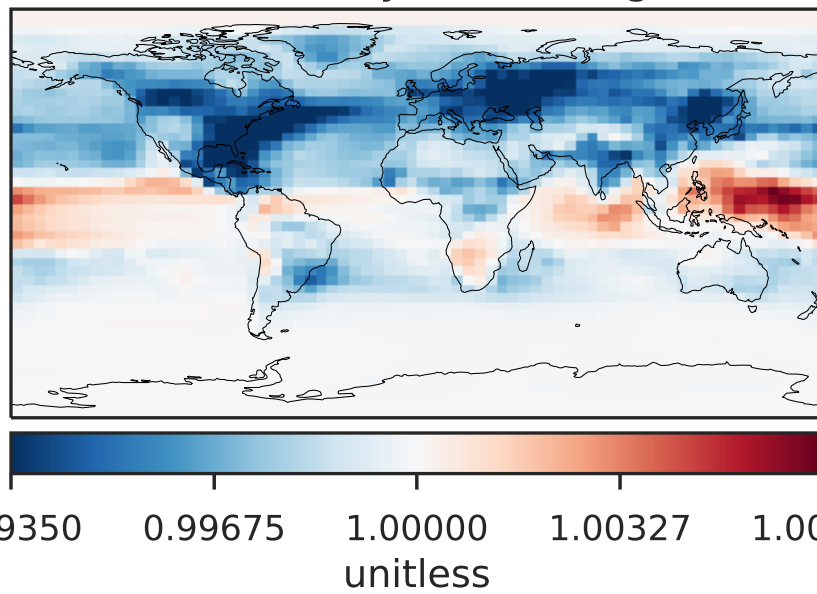
Difference
Dev - Ref, Dynamic Range



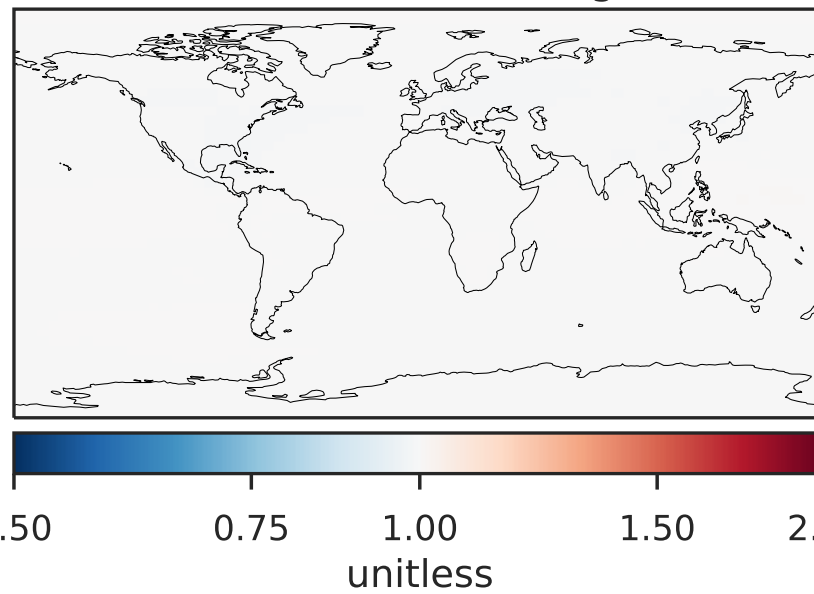
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

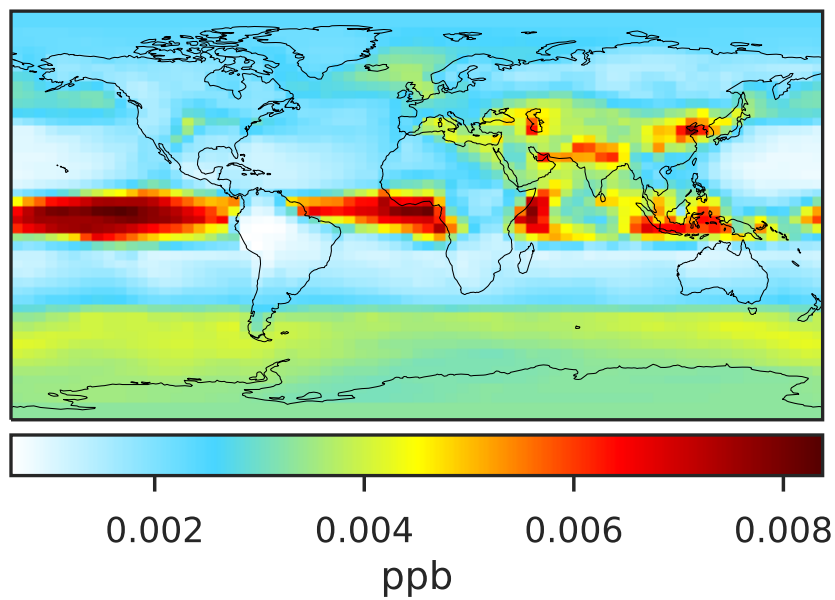


Ratio
Dev/Ref, Fixed Range

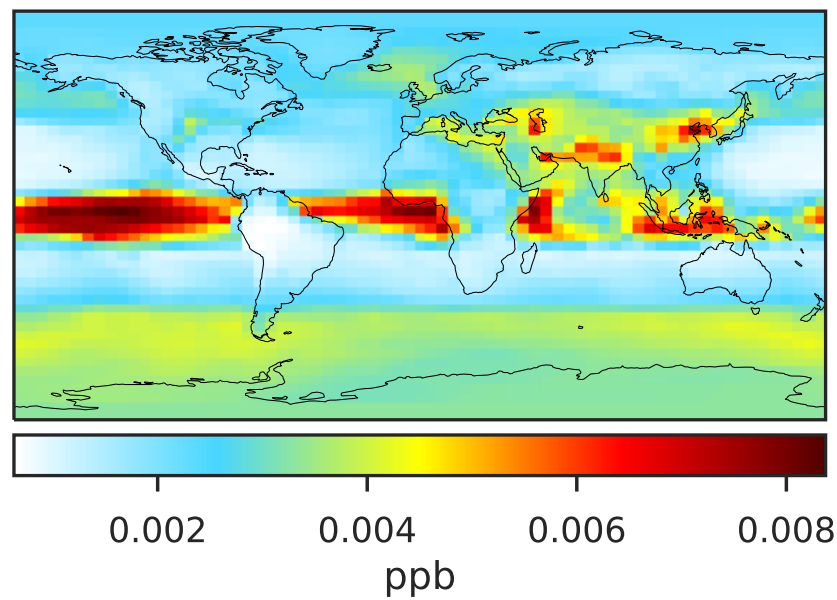


SpeciesConcVV_ETNO3

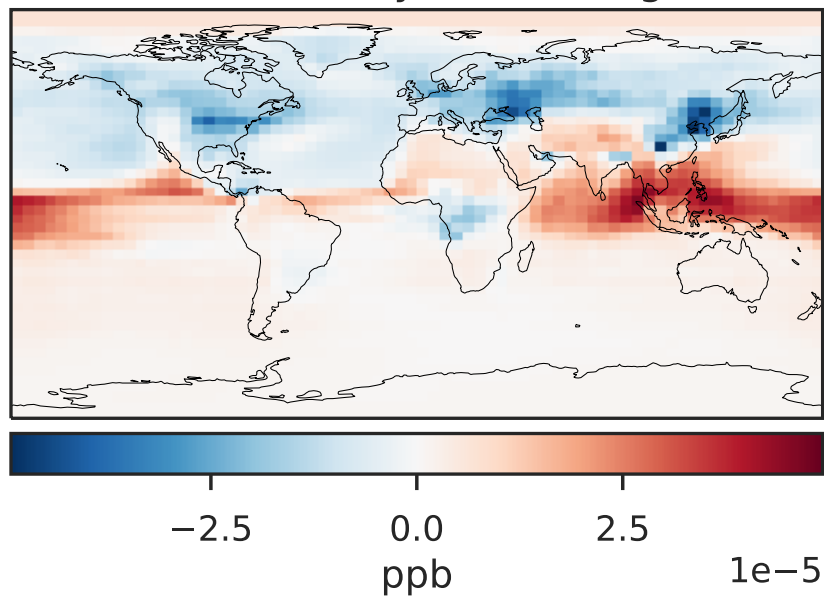
Fast-JX in 14.3.0 (Ref)
4.0x5.0



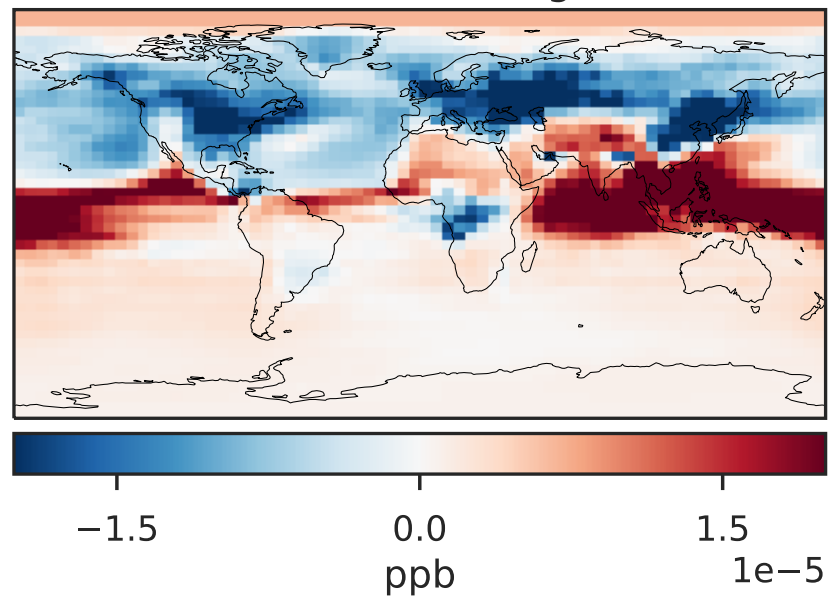
Cloud-J in 14.3.0 (Dev)
4.0x5.0



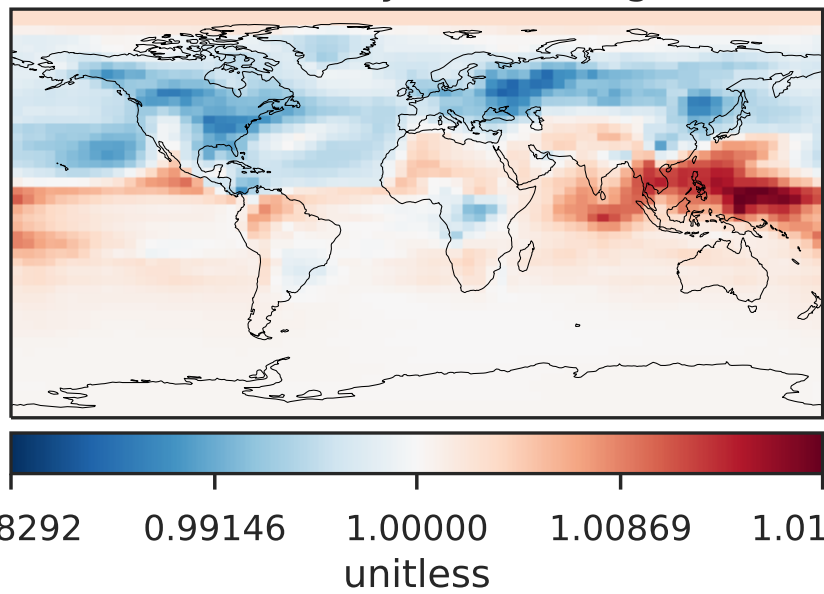
Difference
Dev - Ref, Dynamic Range



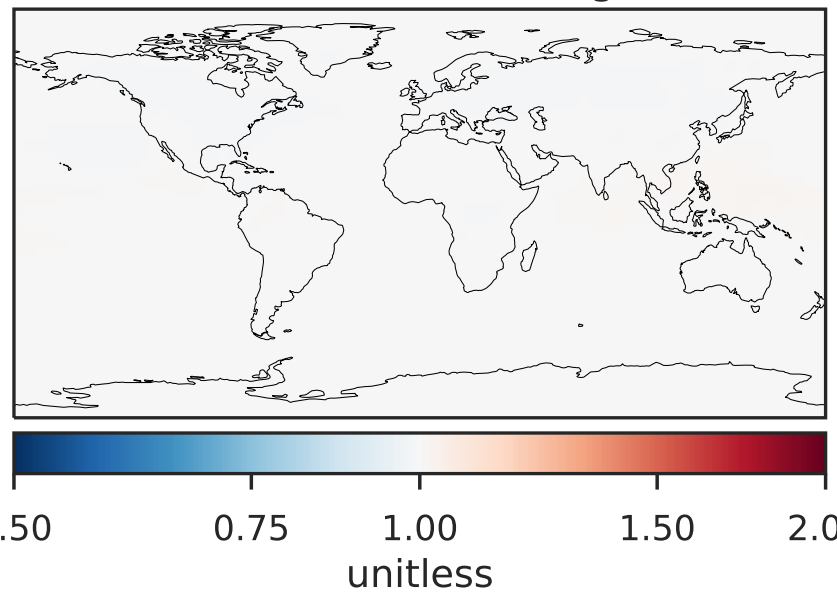
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

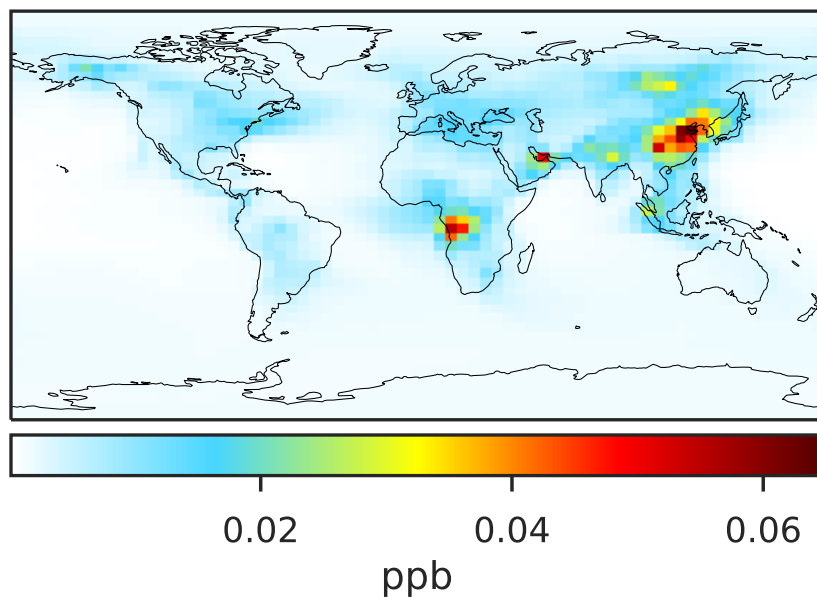


Ratio
Dev/Ref, Fixed Range

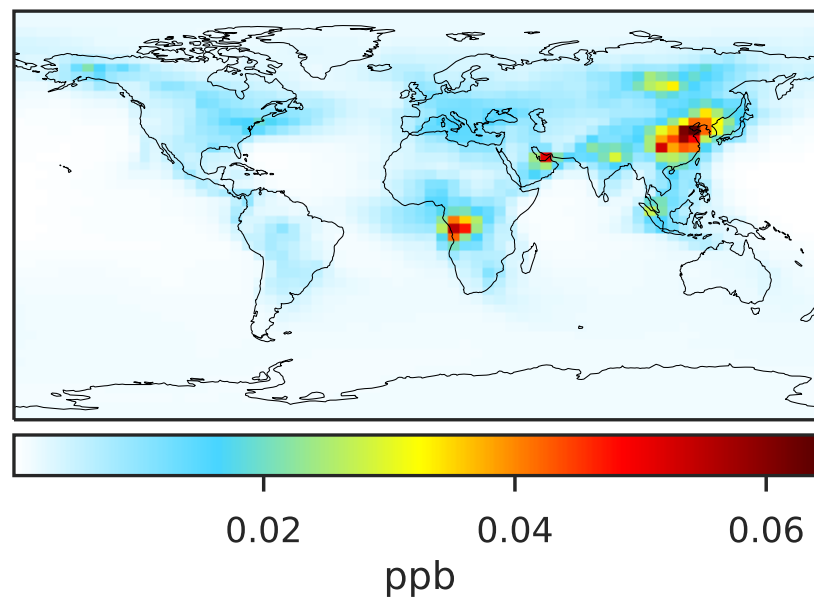


SpeciesConcVV_IPRNO3

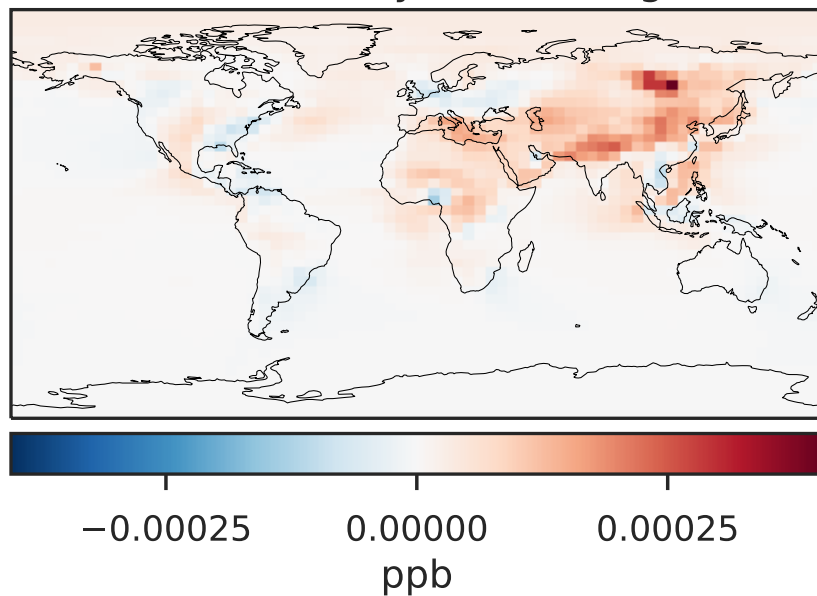
Fast-JX in 14.3.0 (Ref)
4.0x5.0



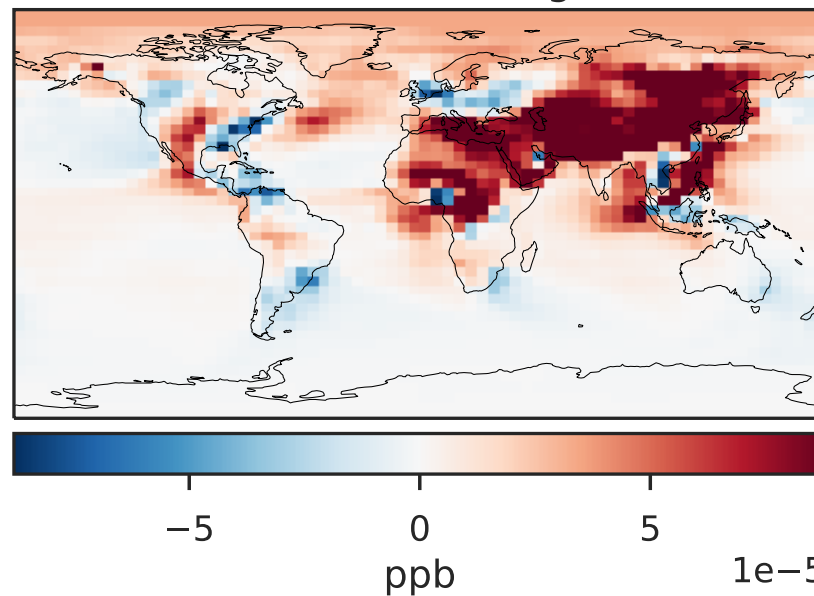
Cloud-J in 14.3.0 (Dev)
4.0x5.0



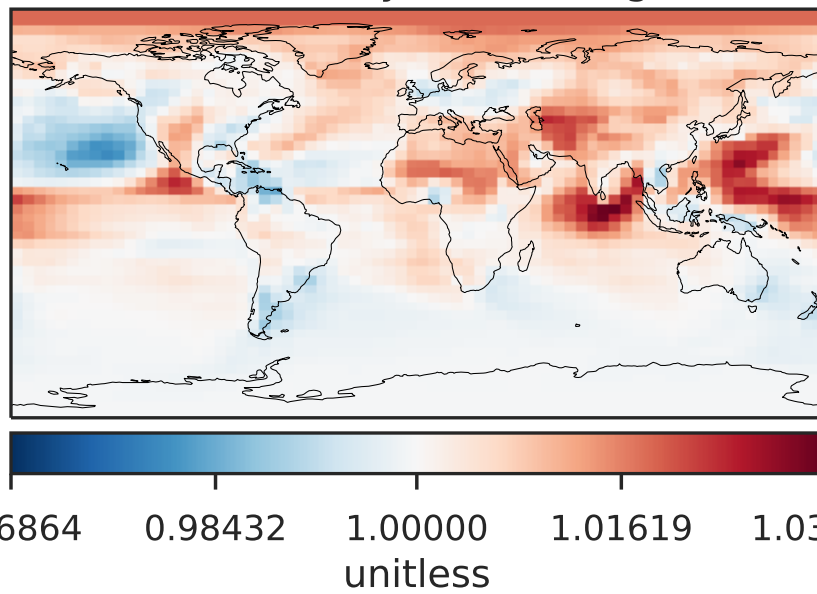
Difference
Dev - Ref, Dynamic Range



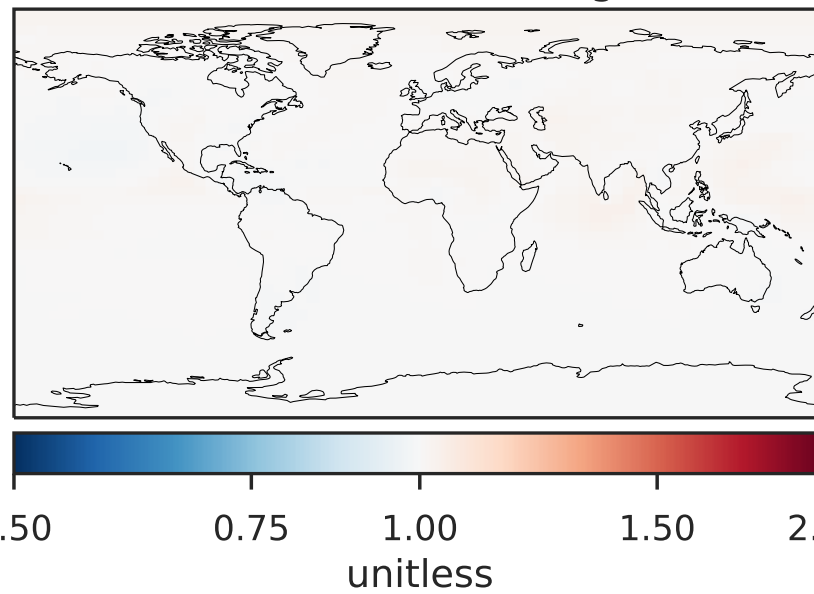
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

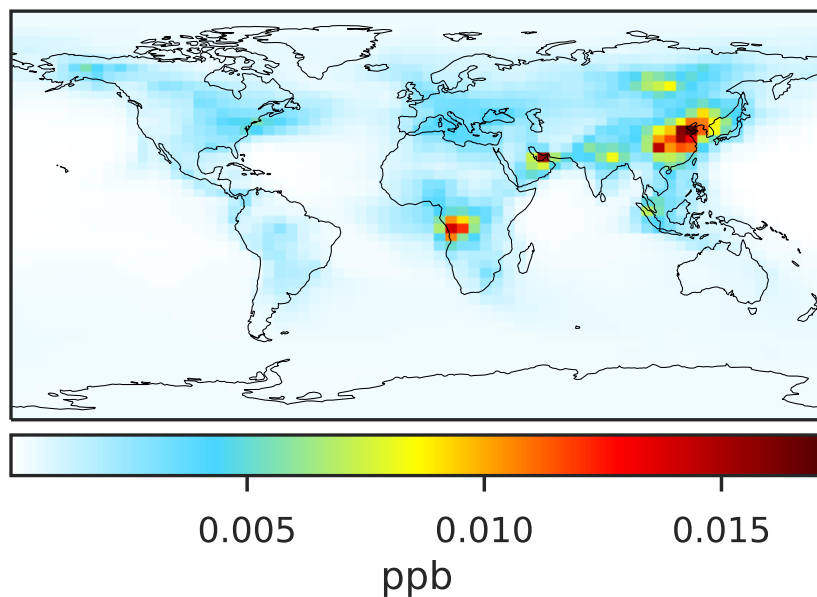


Ratio
Dev/Ref, Fixed Range

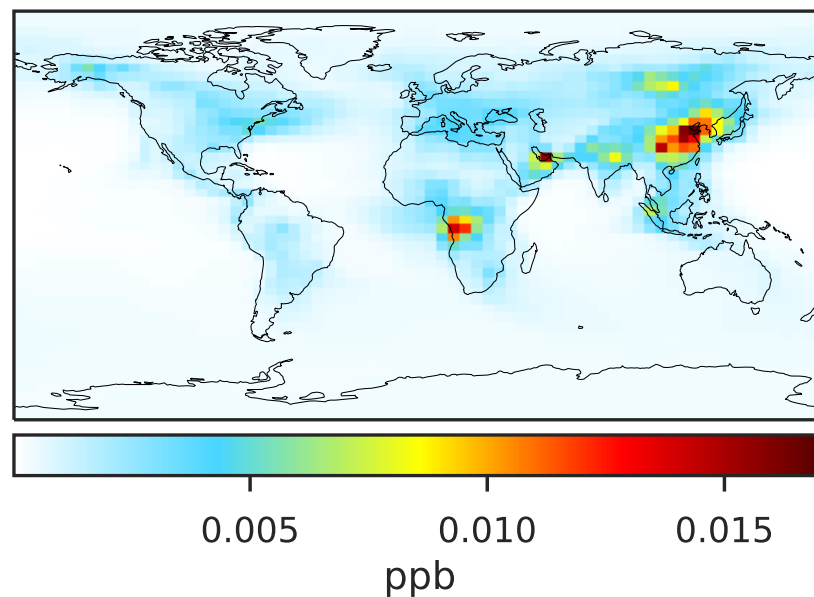


SpeciesConcVW_NPRNO3

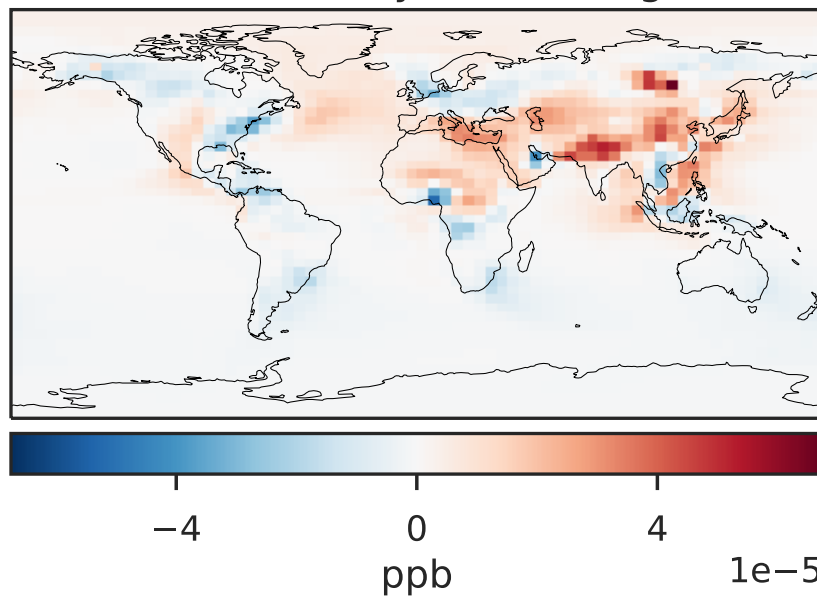
Fast-JX in 14.3.0 (Ref)
4.0x5.0



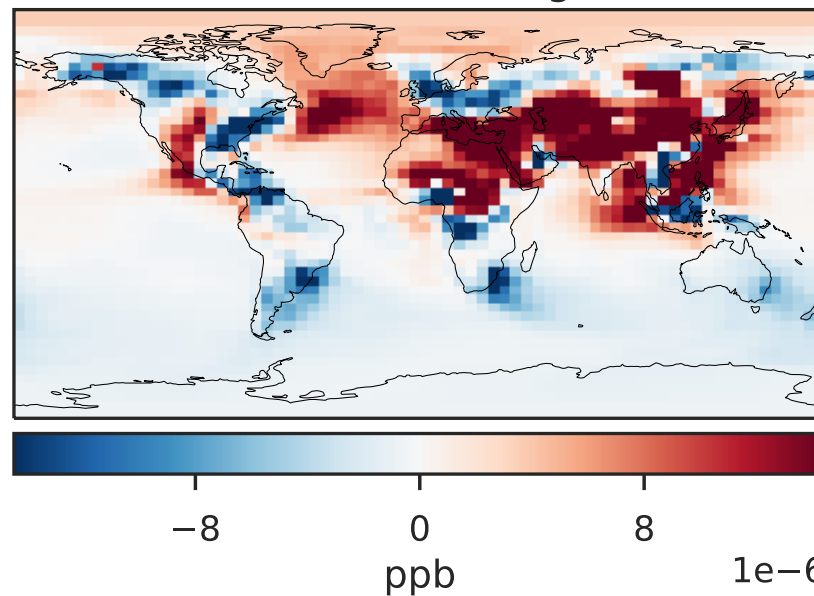
Cloud-J in 14.3.0 (Dev)
4.0x5.0



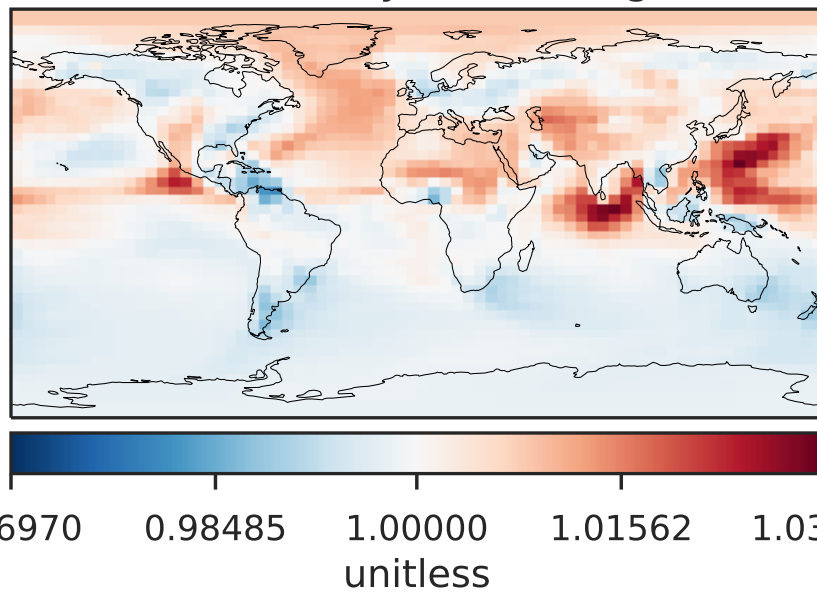
Difference
Dev - Ref, Dynamic Range



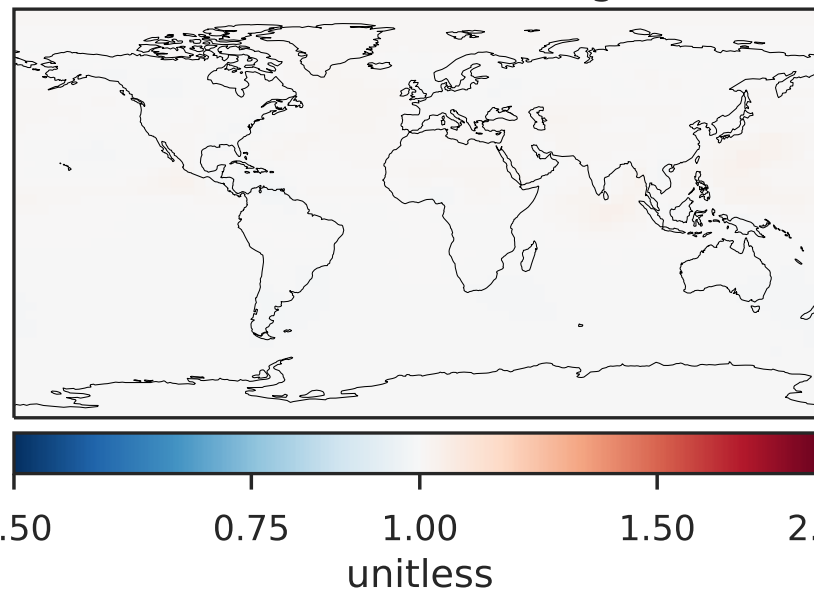
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

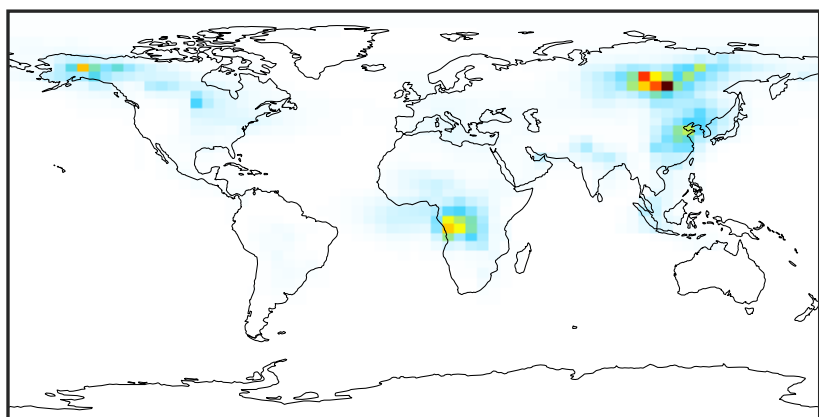


Ratio
Dev/Ref, Fixed Range



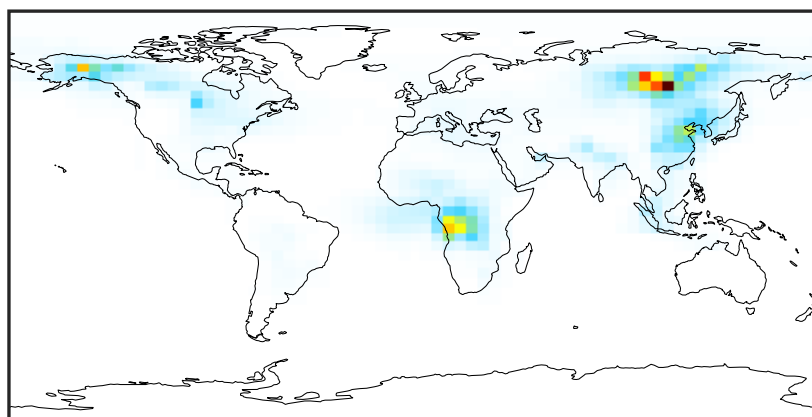
SpeciesConcVV_AONITA

Fast-JX in 14.3.0 (Ref)
4.0x5.0



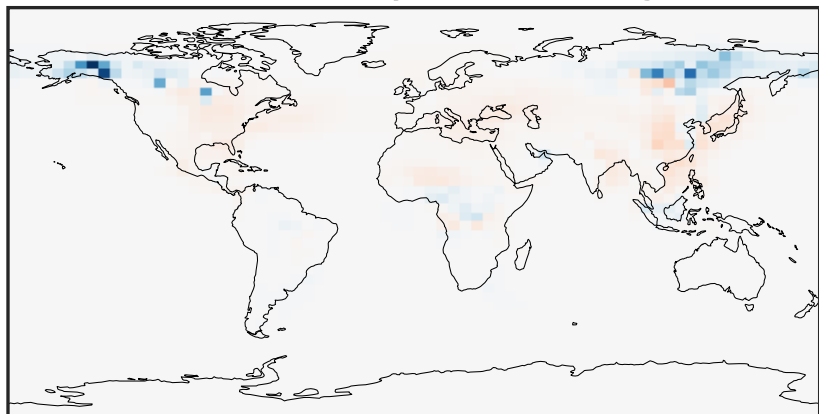
0.0000 0.1438 0.2875 0.4312 0.5750
ppb

Cloud-J in 14.3.0 (Dev)
4.0x5.0



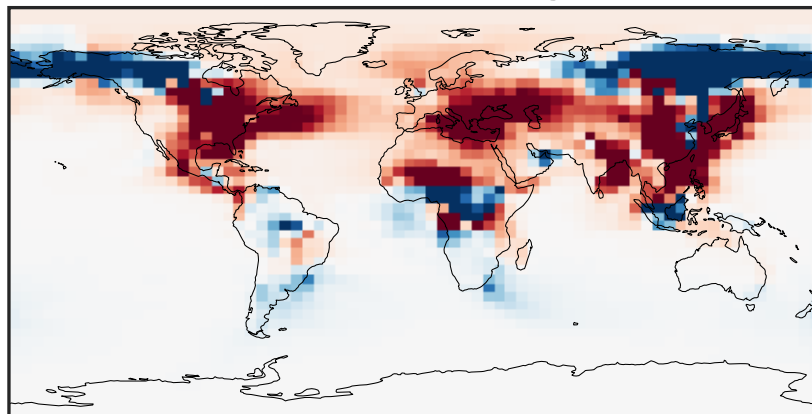
0.0000 0.1438 0.2875 0.4312 0.5750
ppb

Difference
Dev - Ref, Dynamic Range



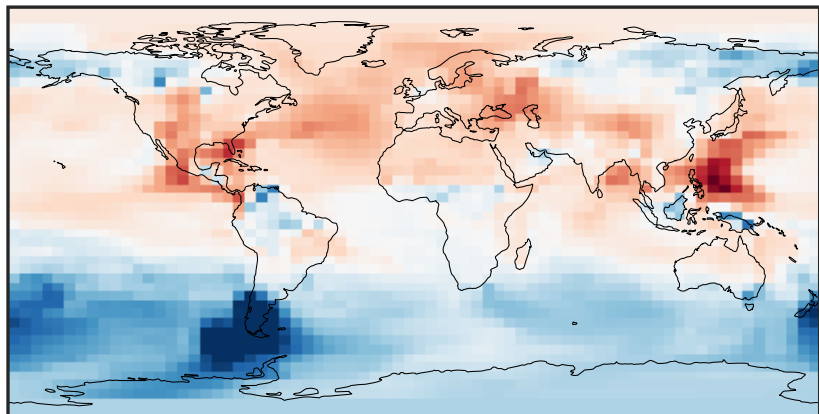
-0.0008 0.0000 0.0008
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-3 0 3
ppb 1e-5

Ratio
Dev/Ref, Dynamic Range



0.98070 0.99035 1.00000 1.00984 1.01968
unitless

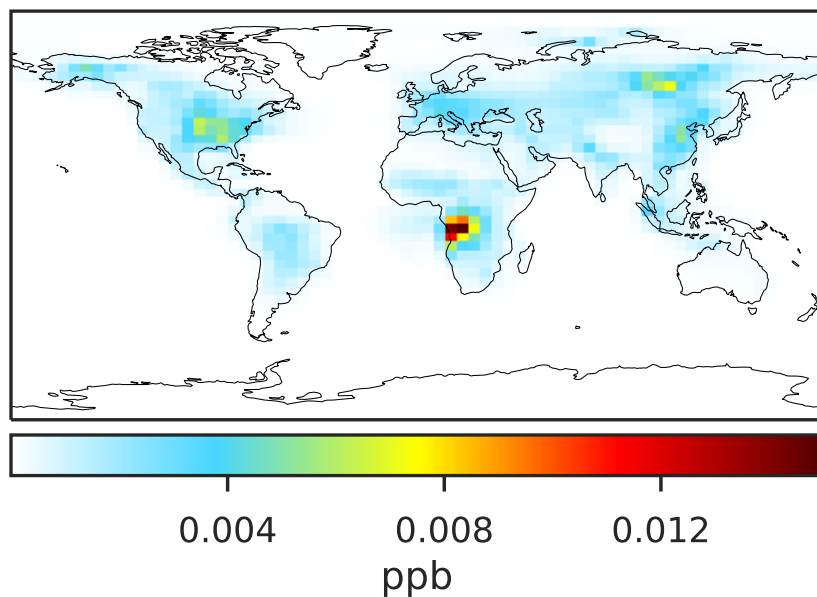
Ratio
Dev/Ref, Fixed Range



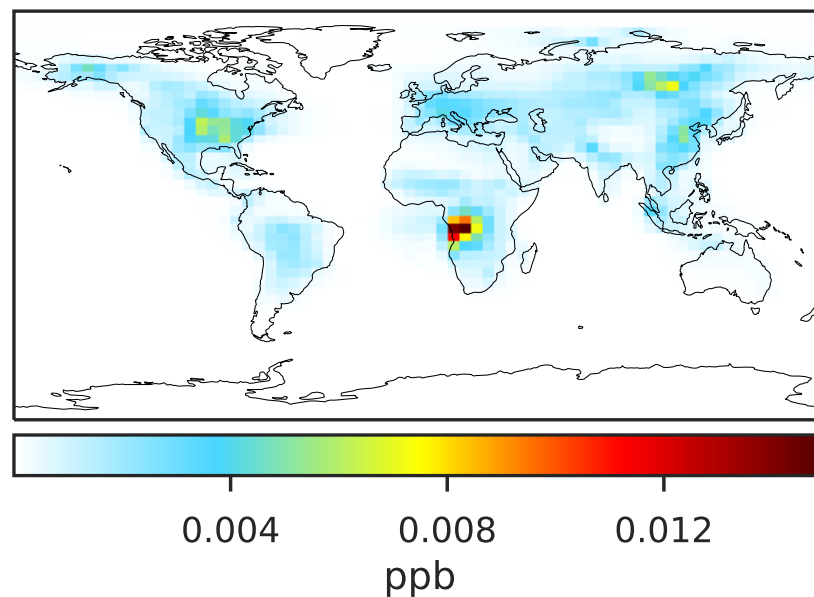
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_ETHN

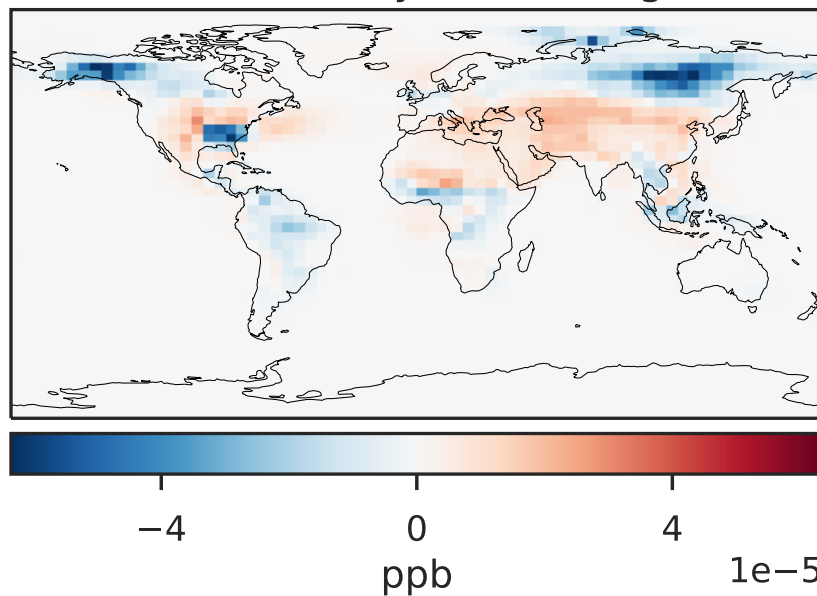
Fast-JX in 14.3.0 (Ref)
4.0x5.0



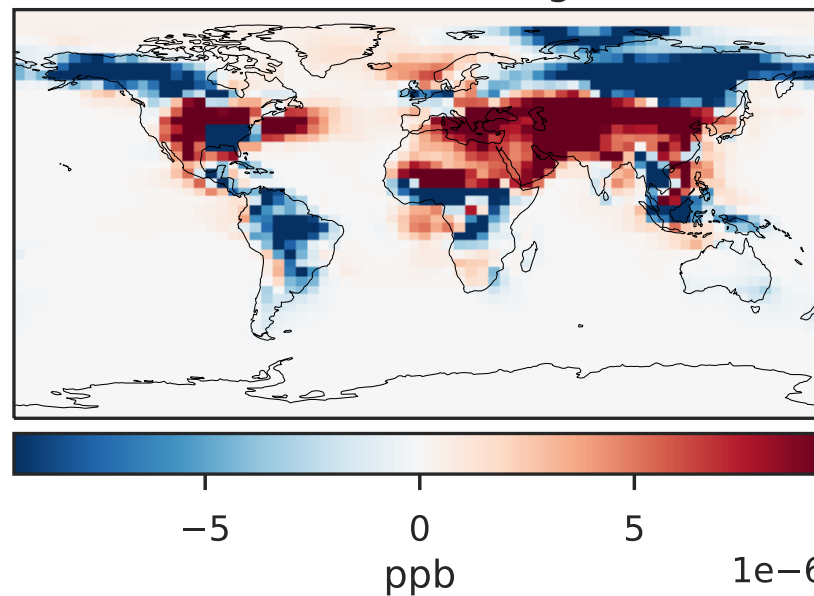
Cloud-J in 14.3.0 (Dev)
4.0x5.0



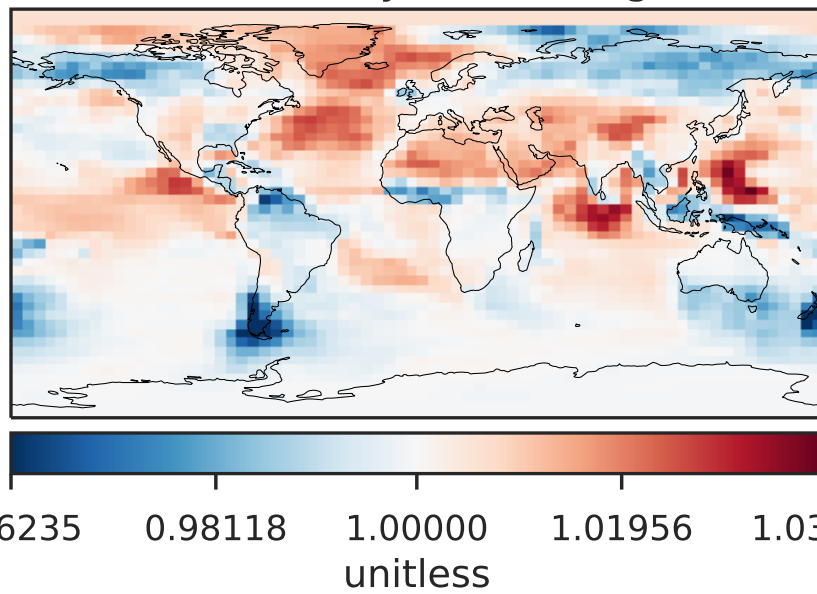
Difference
Dev - Ref, Dynamic Range



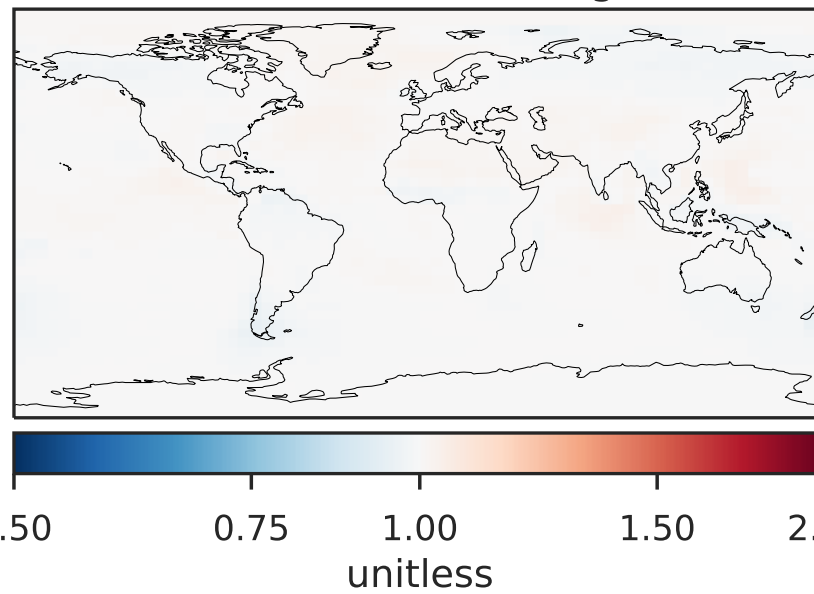
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

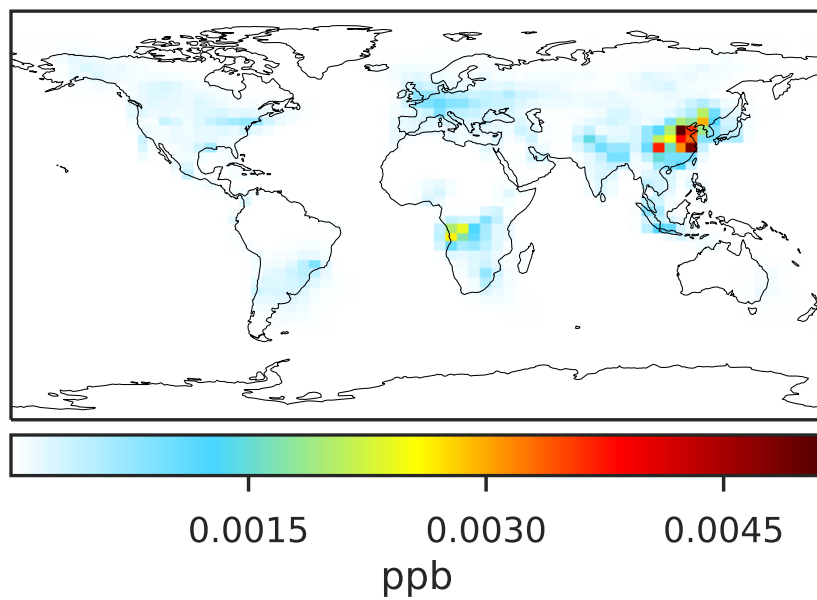


Ratio
Dev/Ref, Fixed Range

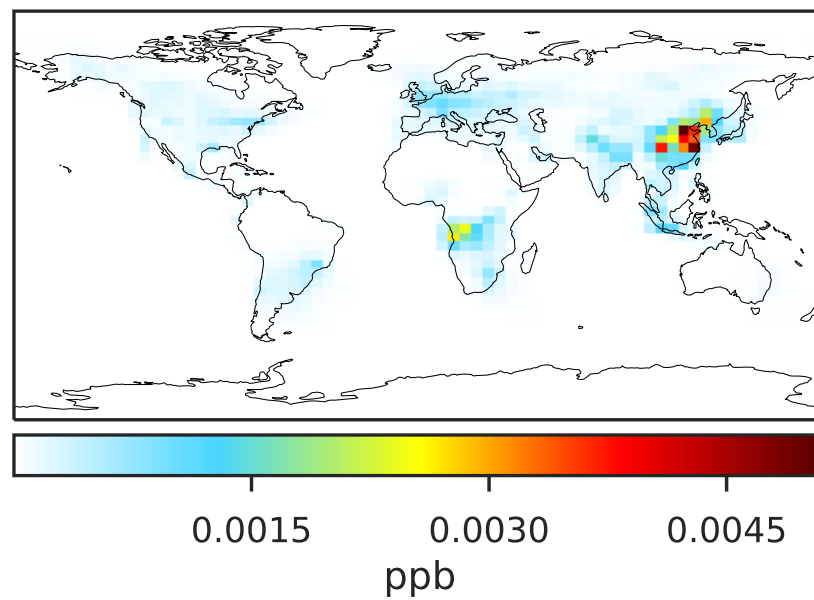


SpeciesConcVV_BZPAN

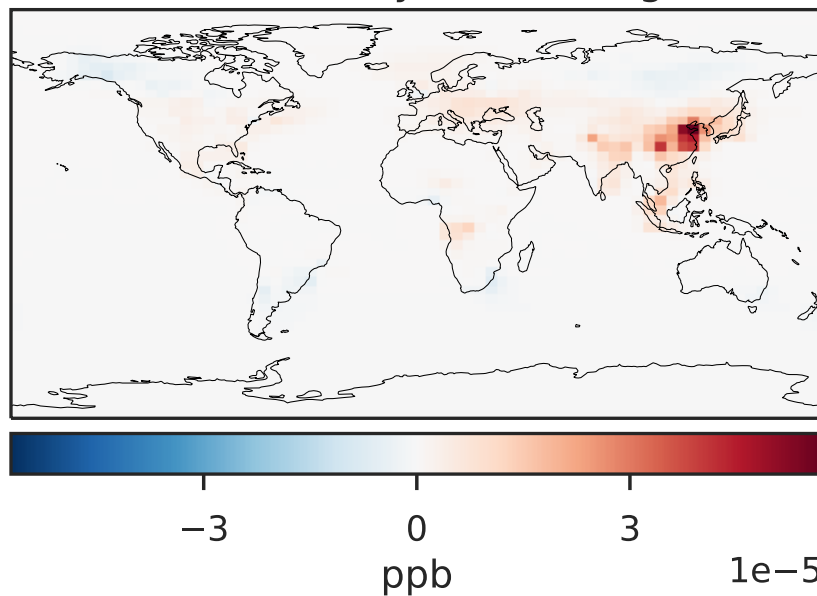
Fast-JX in 14.3.0 (Ref)
4.0x5.0



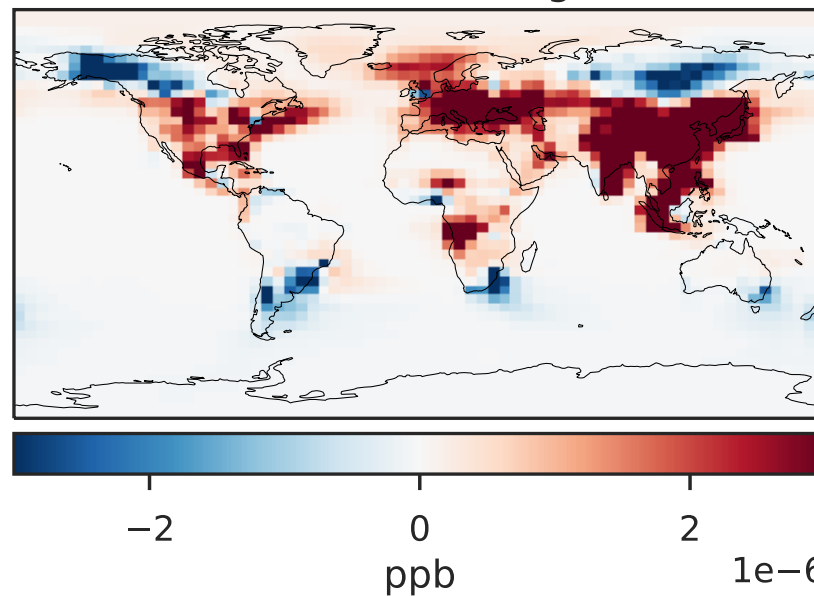
Cloud-J in 14.3.0 (Dev)
4.0x5.0



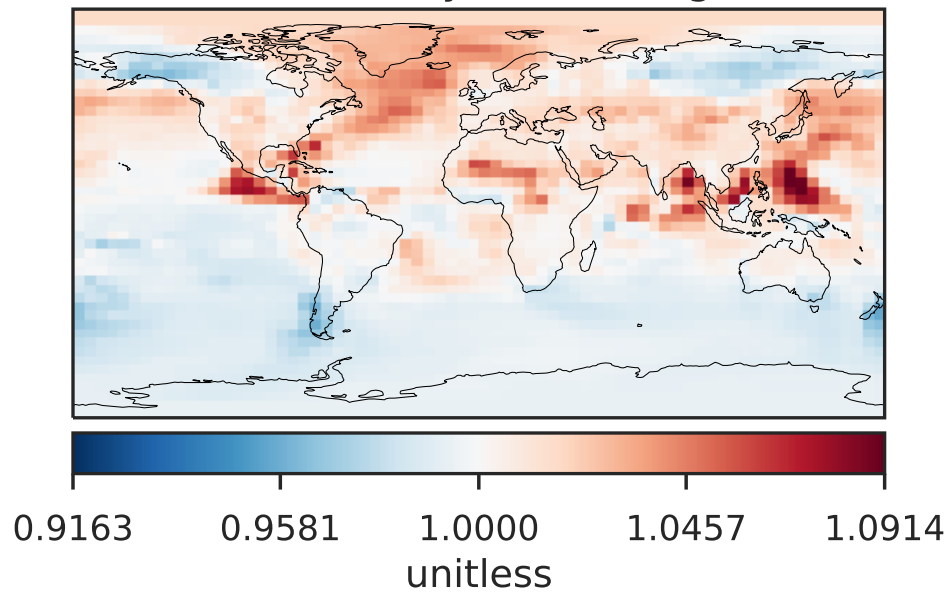
Difference
Dev - Ref, Dynamic Range



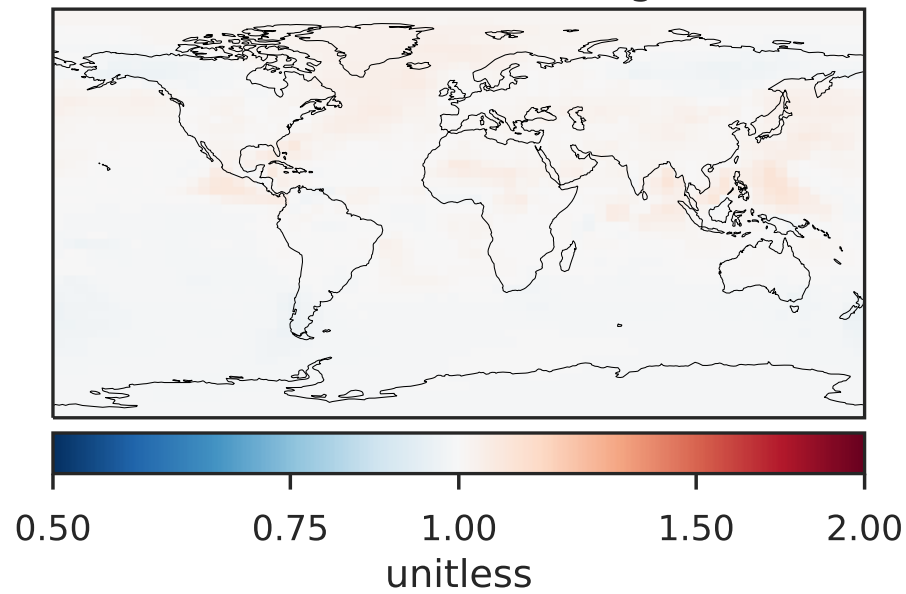
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

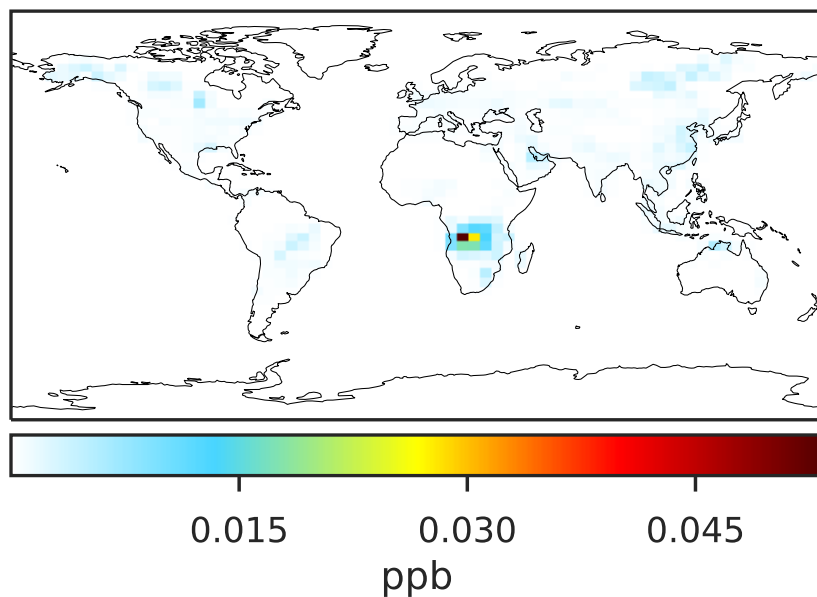


Ratio
Dev/Ref, Fixed Range

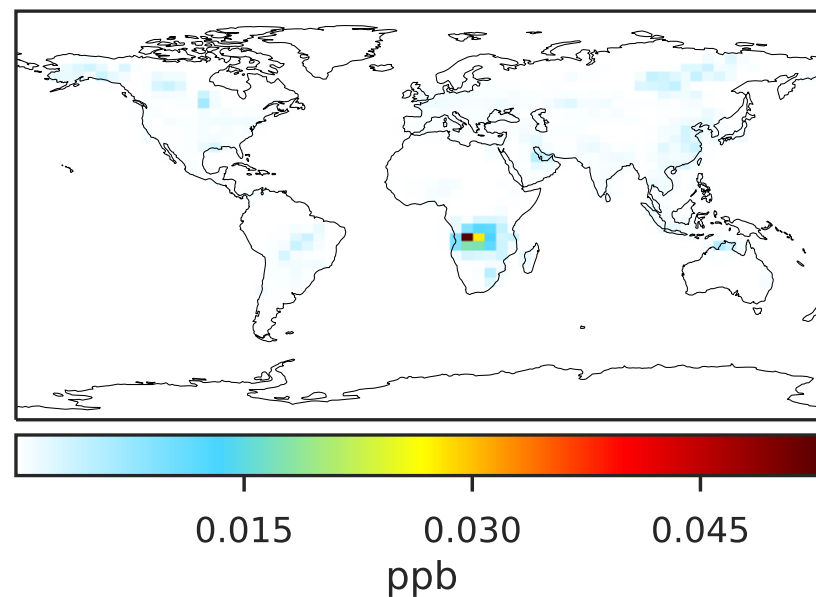


SpeciesConcVV_NPHEN

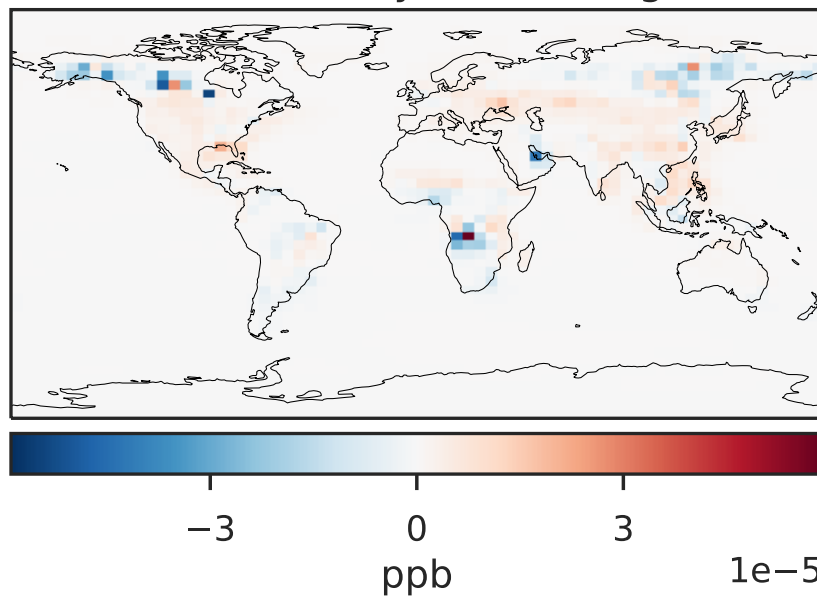
Fast-JX in 14.3.0 (Ref)
4.0x5.0



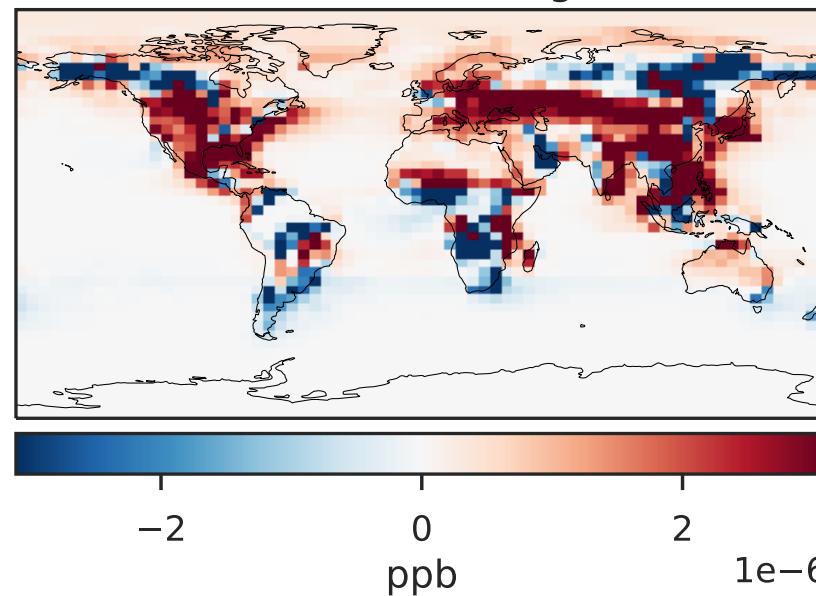
Cloud-J in 14.3.0 (Dev)
4.0x5.0



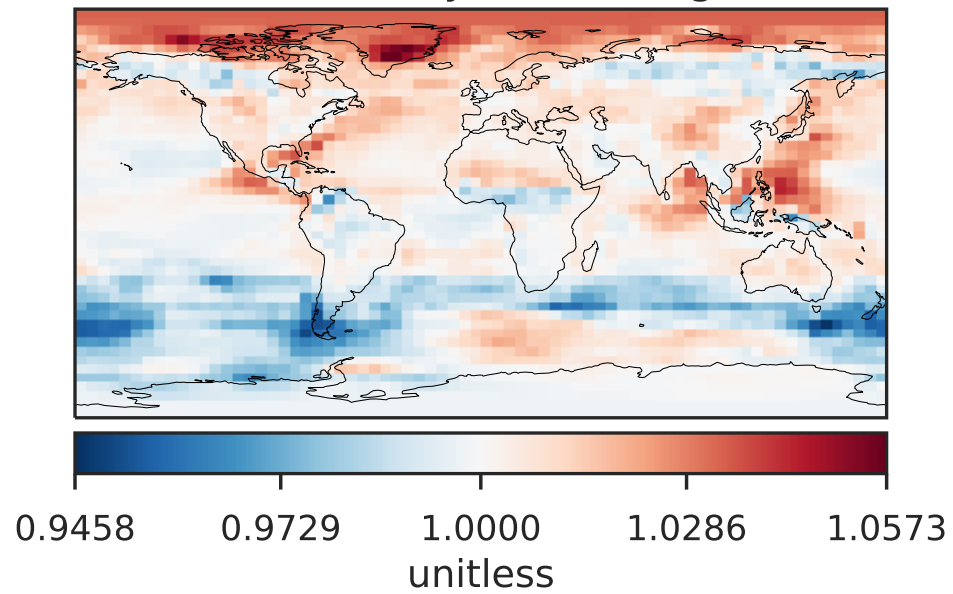
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

