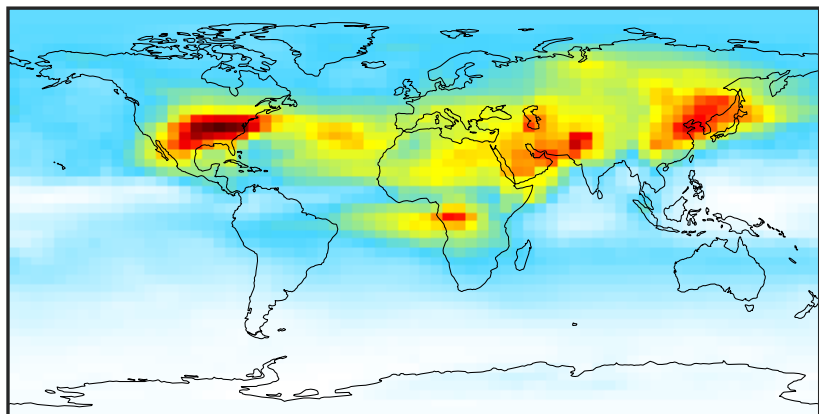


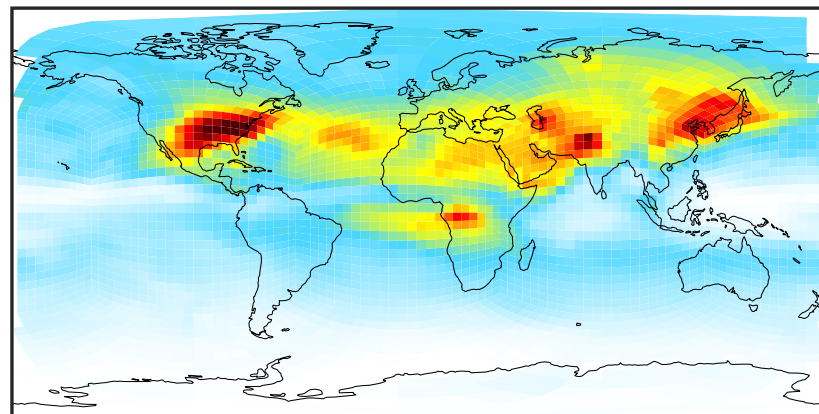
SpeciesConcVV_NOy

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



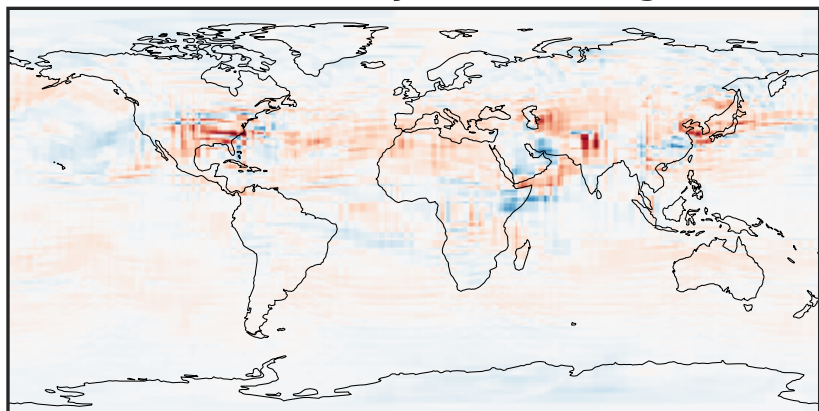
0.043 0.378 0.712 1.047 1.382
ppb

Cloud-J in 14.3.0 (Dev)
c24



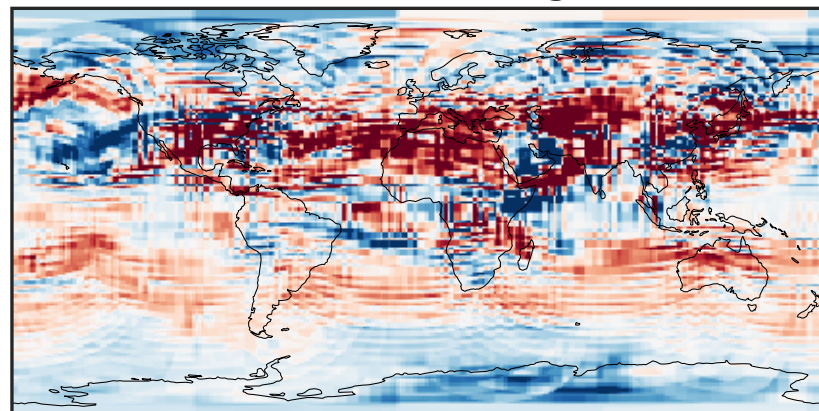
0.043 0.378 0.712 1.047 1.382
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



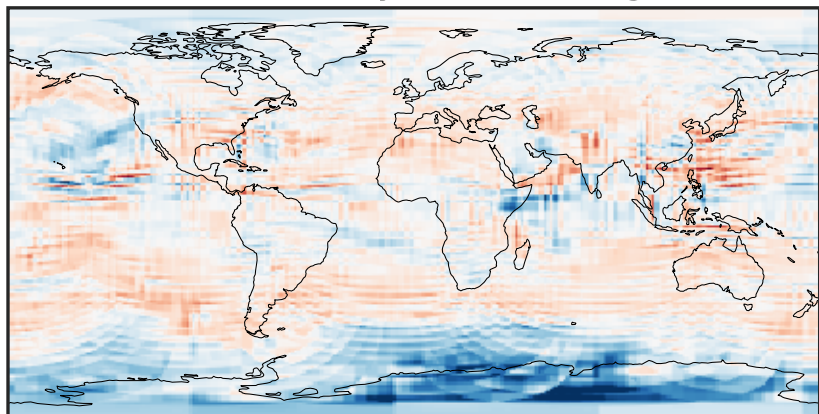
-0.318 -0.159 0.000 0.159 0.318
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



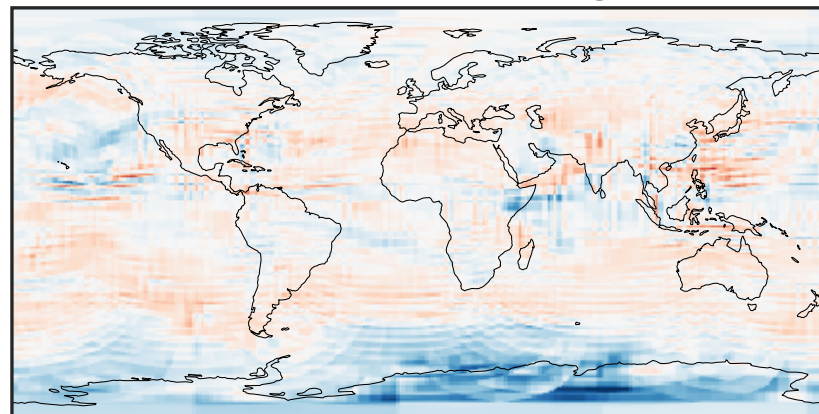
-0.025 0.000 0.025
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.597 0.799 1.000 1.337 1.674
unitless

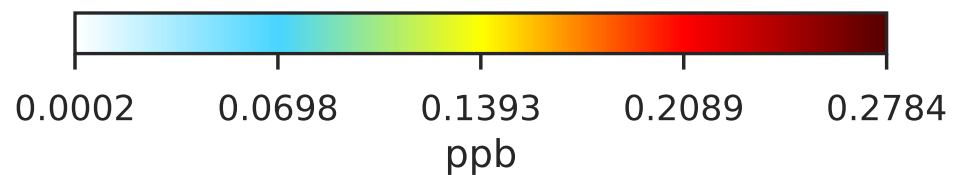
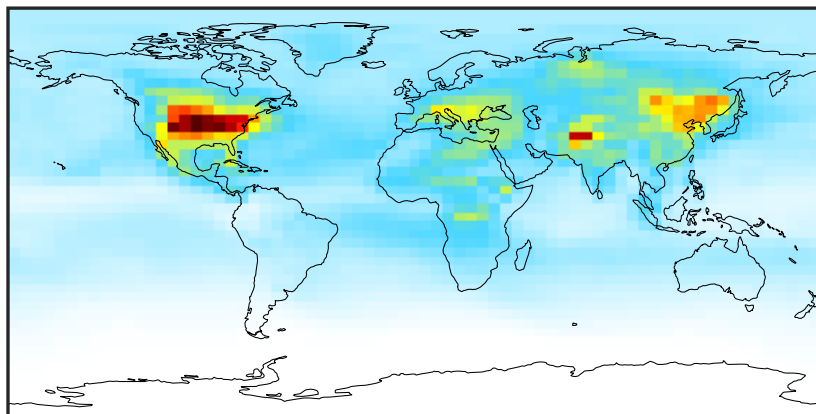
Ratio (1x1.25)
Dev/Ref, Fixed Range



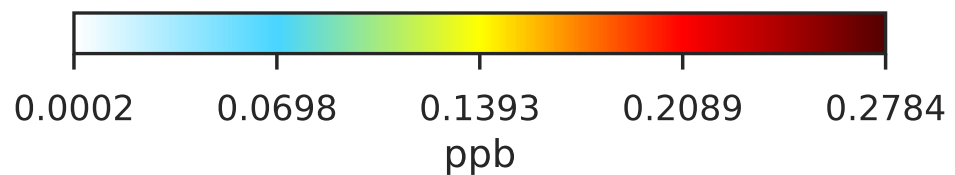
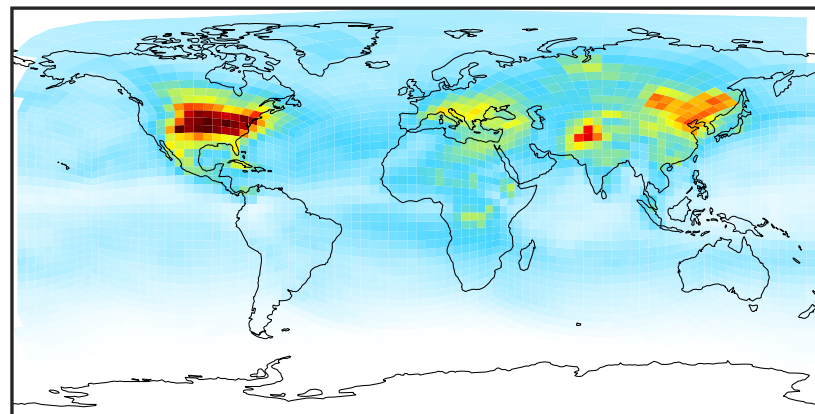
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_NOx

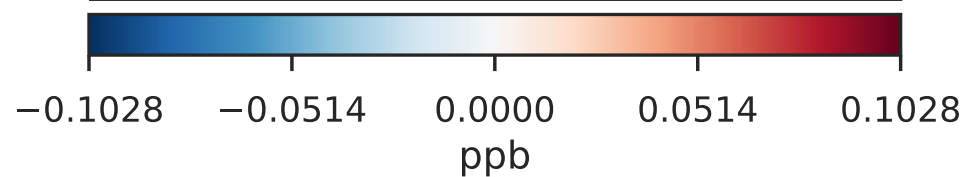
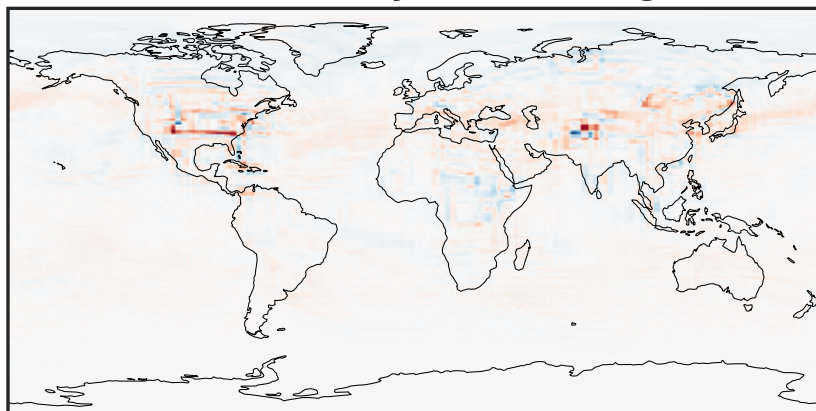
Cloud-J in 14.3.0 (Ref)
4.0x5.0



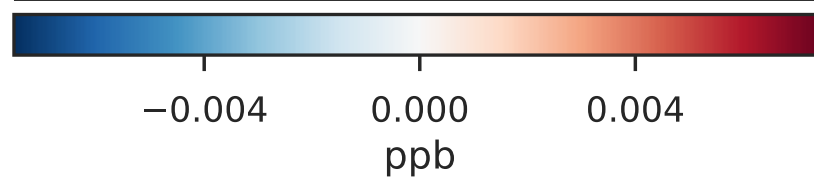
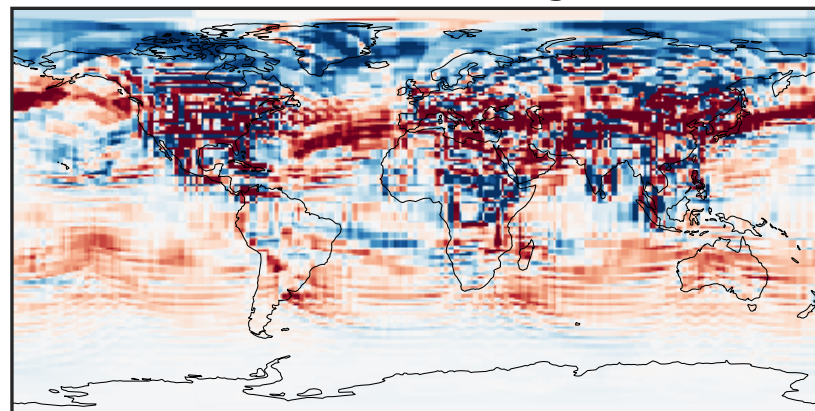
Cloud-J in 14.3.0 (Dev)
c24



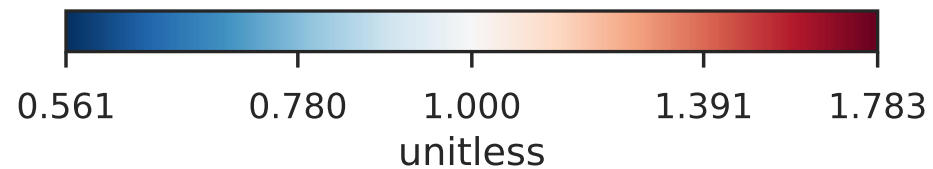
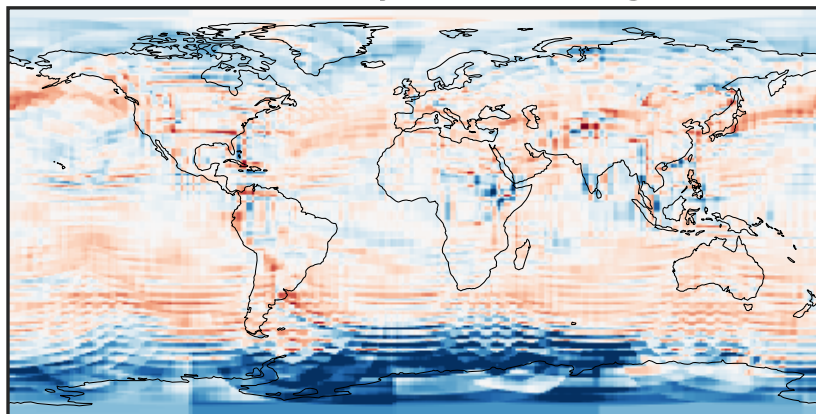
Difference (1x1.25)
Dev - Ref, Dynamic Range



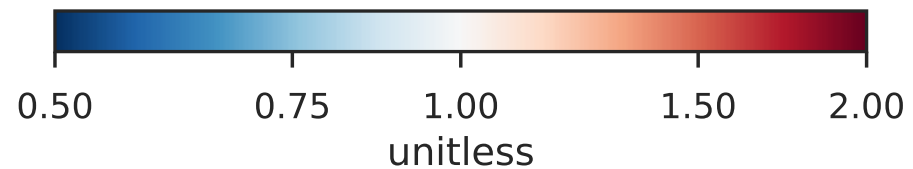
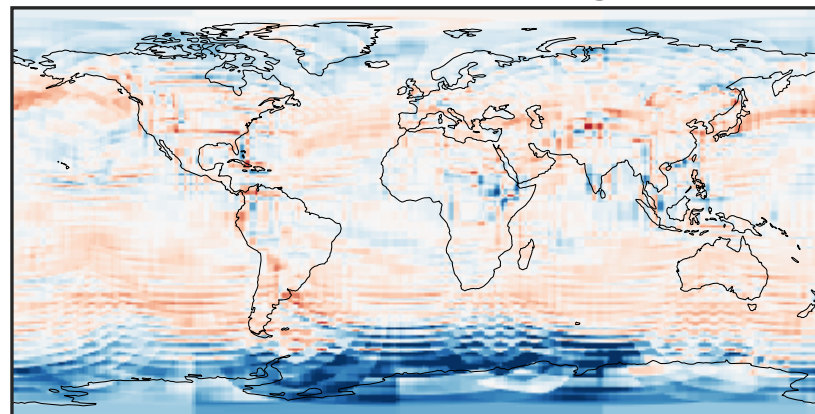
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

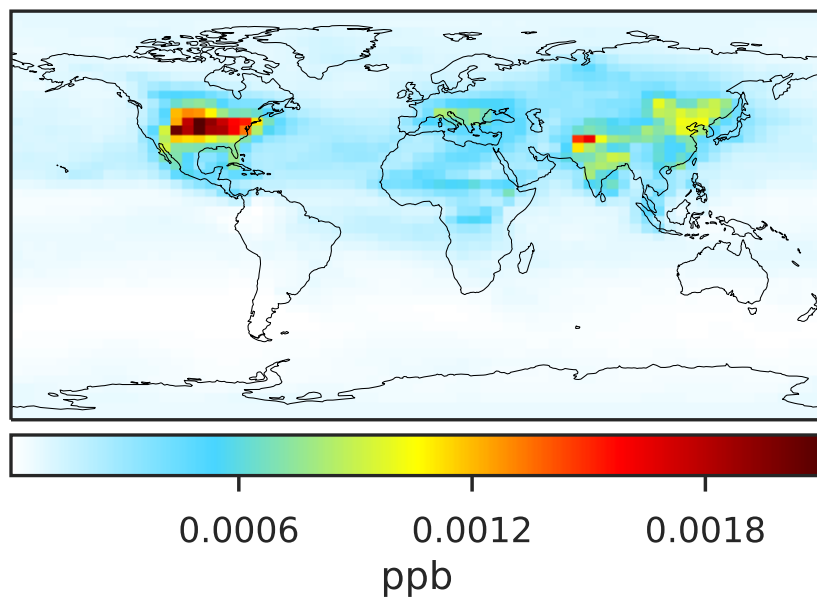


Ratio (1x1.25)
Dev/Ref, Fixed Range

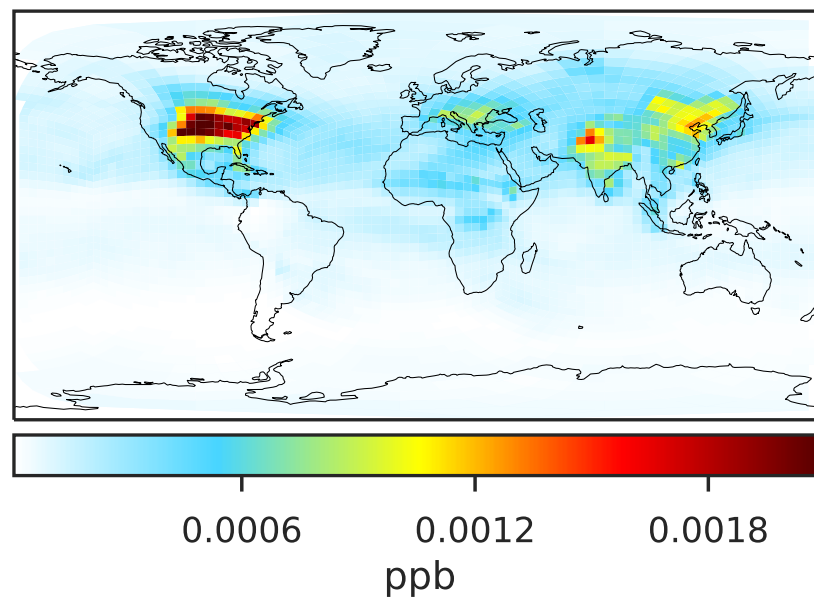


SpeciesConcVV_HNO2

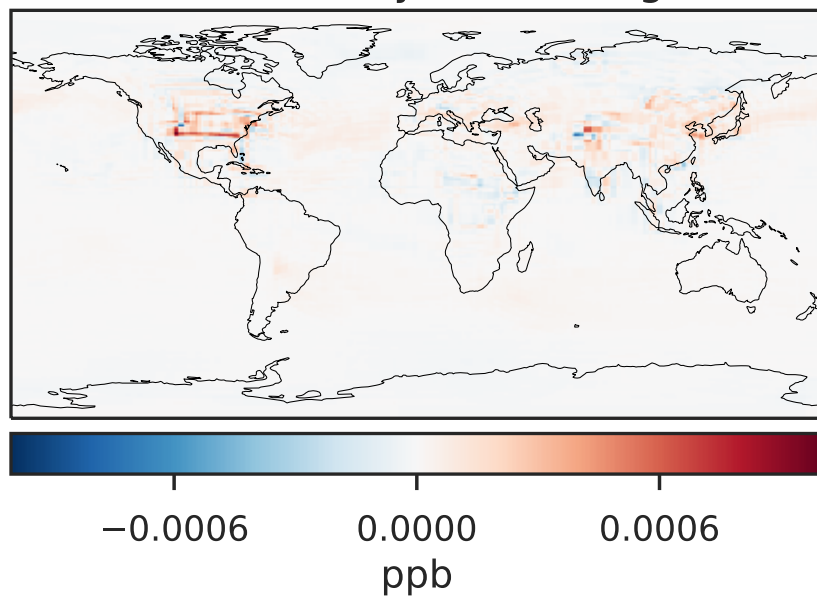
Cloud-J in 14.3.0 (Ref)
4.0x5.0



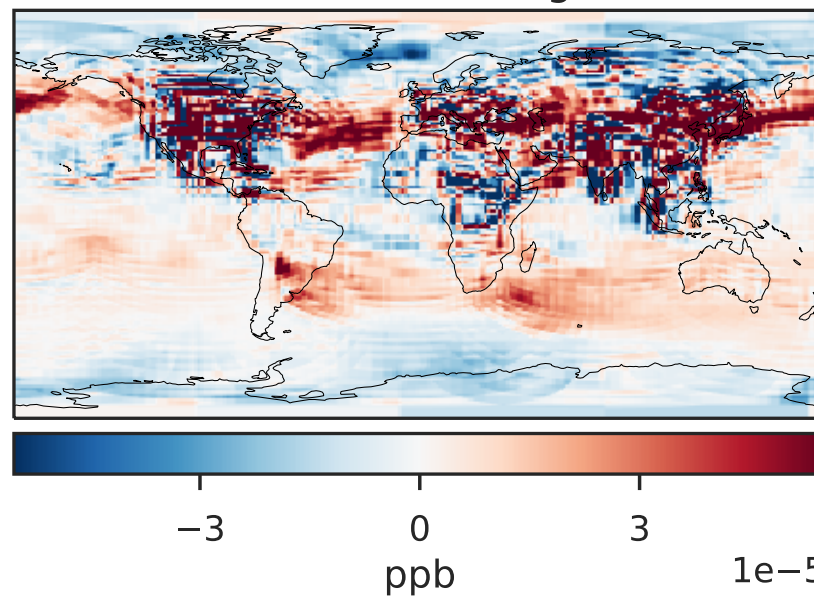
Cloud-J in 14.3.0 (Dev)
c24



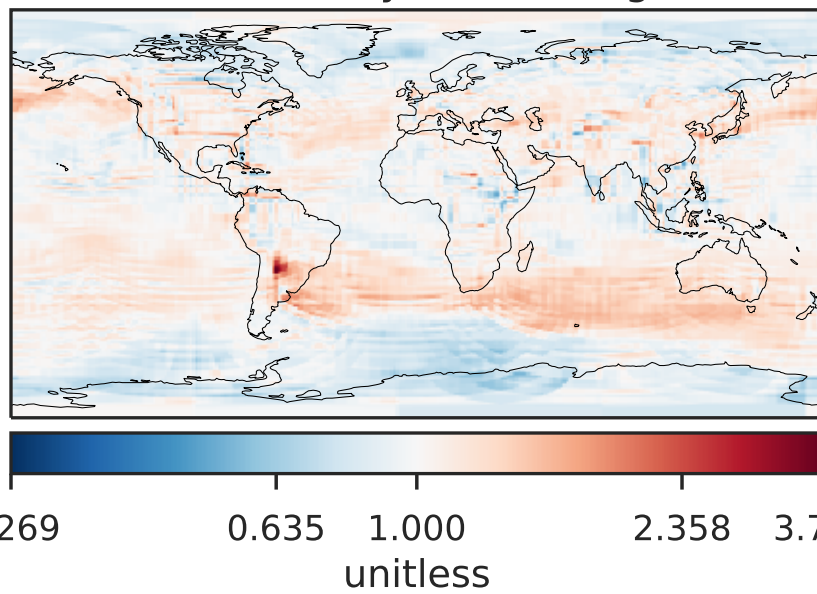
Difference (1x1.25)
Dev - Ref, Dynamic Range



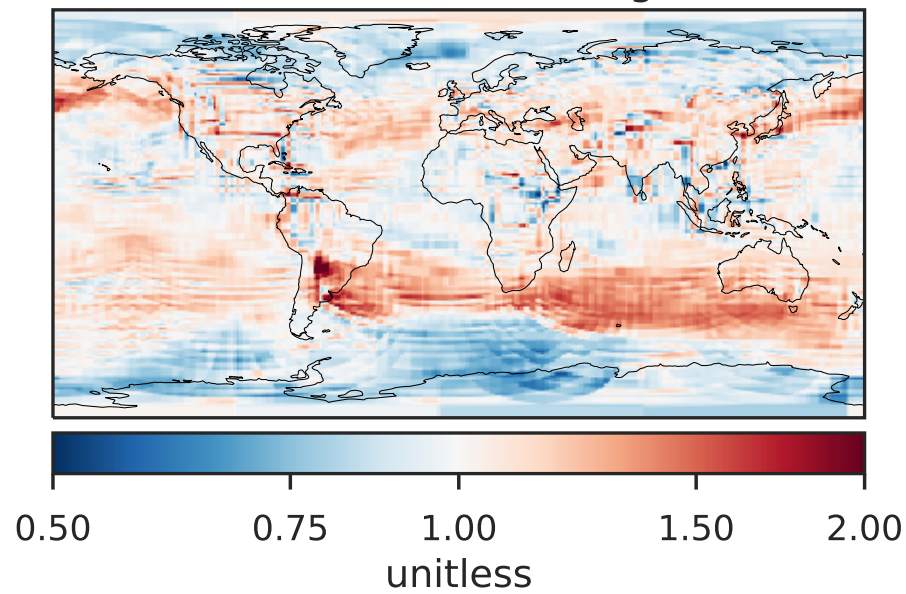
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

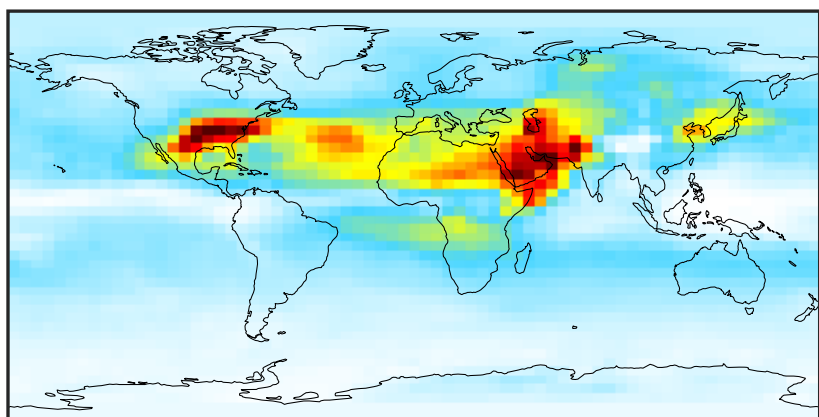


Ratio (1x1.25)
Dev/Ref, Fixed Range



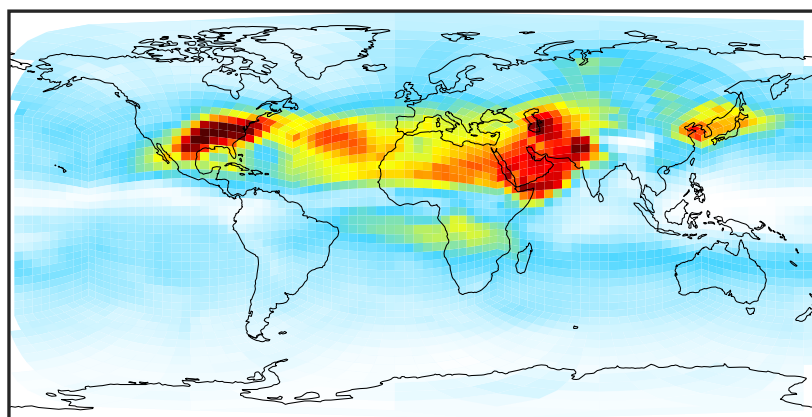
SpeciesConcVV_HNO3

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



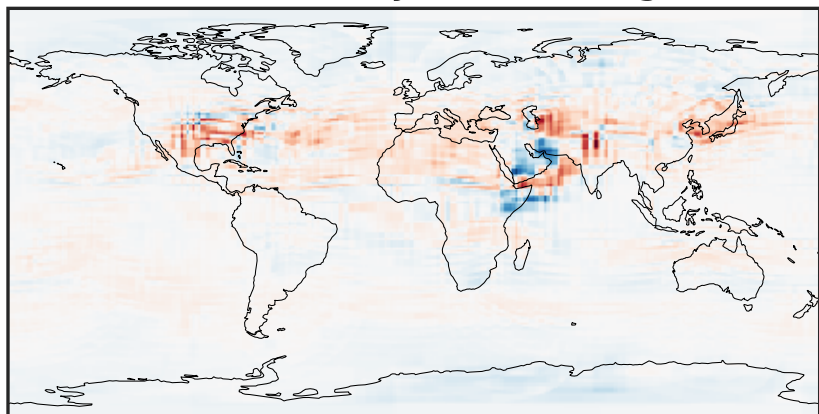
0.0064 0.1766 0.3467 0.5168 0.6870
ppb

Cloud-J in 14.3.0 (Dev)
c24



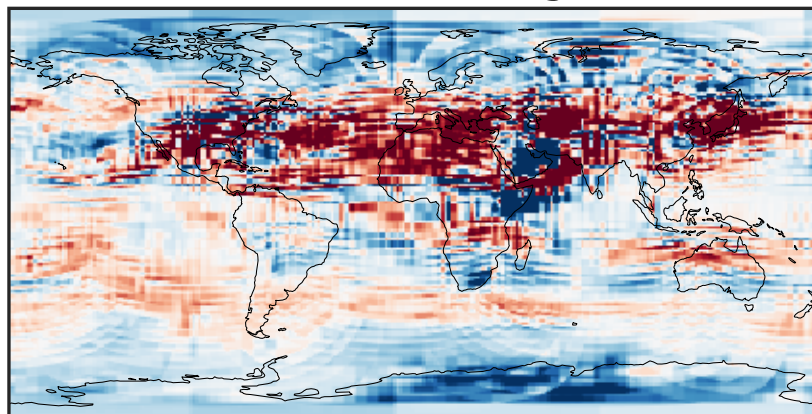
0.0064 0.1766 0.3467 0.5168 0.6870
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



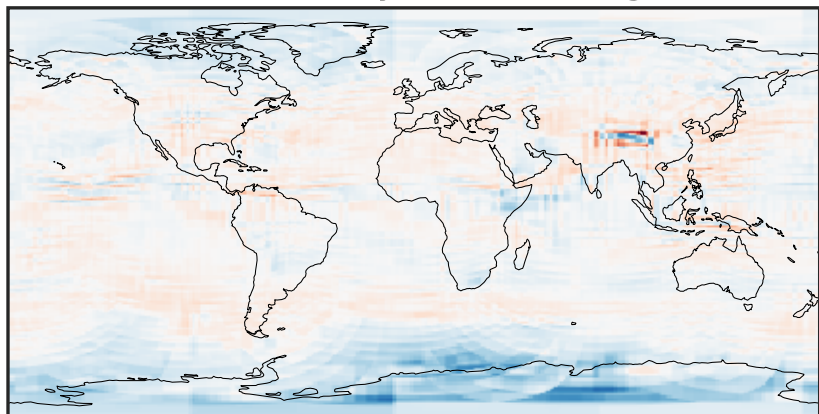
-0.2367 -0.1183 0.0000 0.1183 0.2367
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



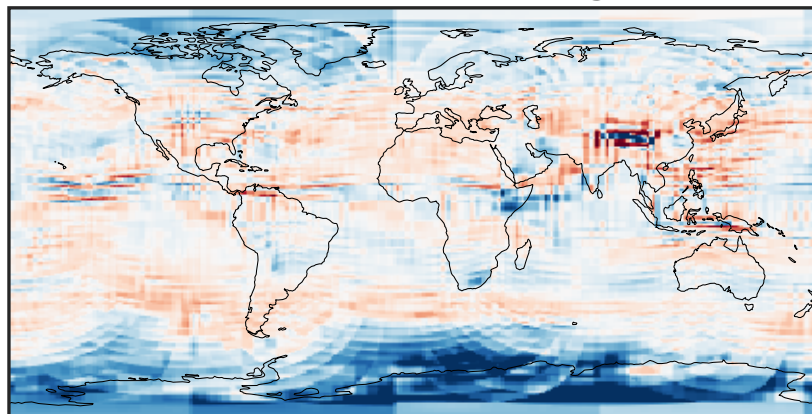
-0.02 0.00 0.02
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.165 0.583 1.000 3.525 6.049
unitless

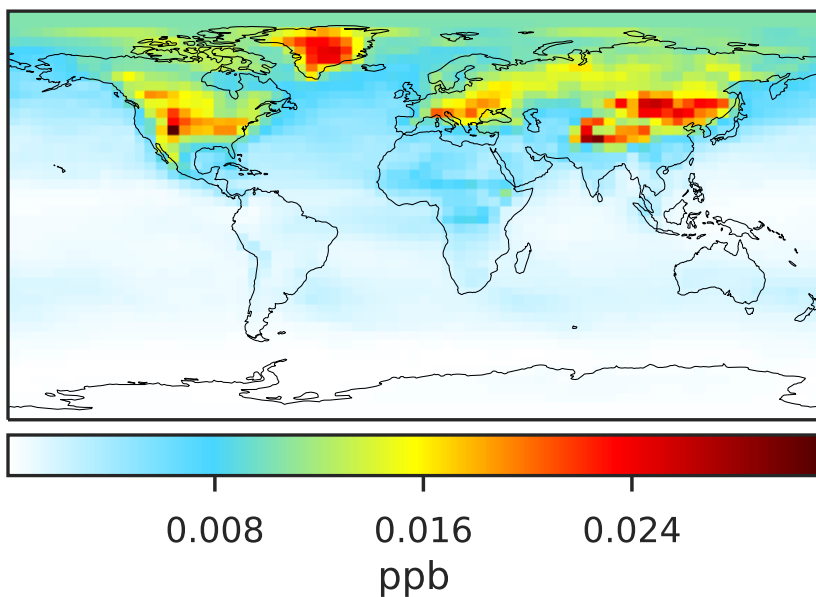
Ratio (1x1.25)
Dev/Ref, Fixed Range



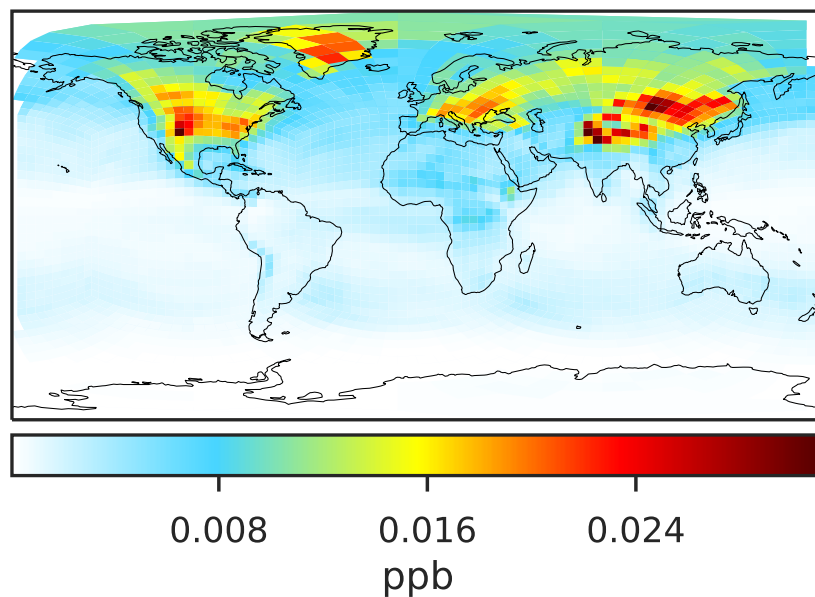
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HNO4

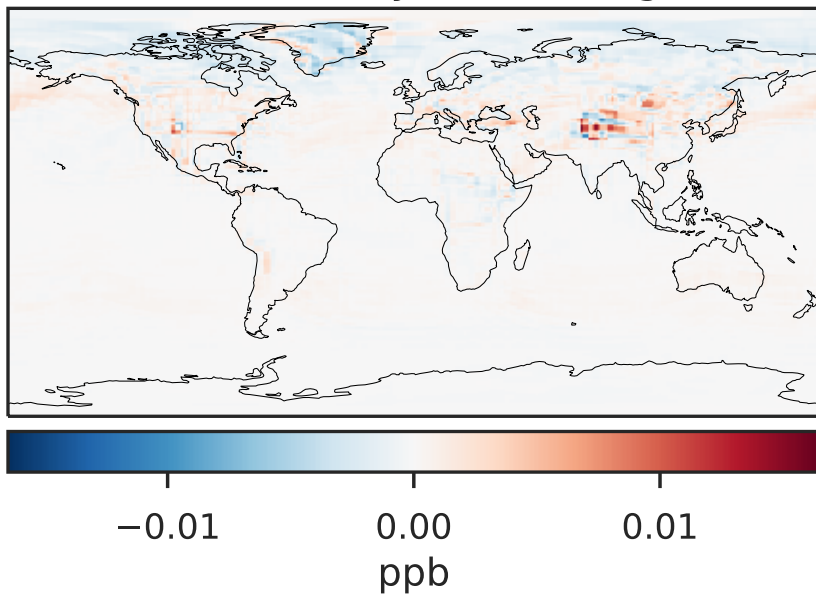
Cloud-J in 14.3.0 (Ref)
4.0x5.0



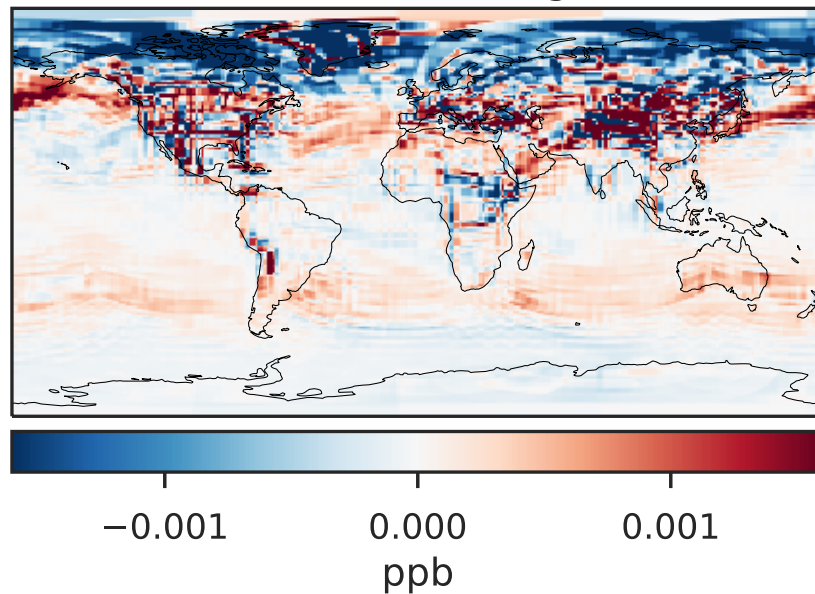
Cloud-J in 14.3.0 (Dev)
c24



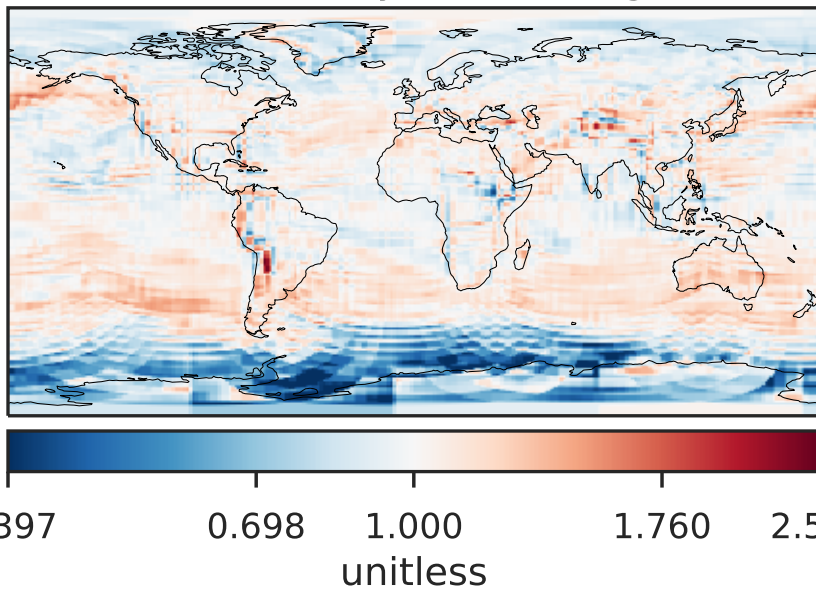
Difference (1x1.25)
Dev - Ref, Dynamic Range



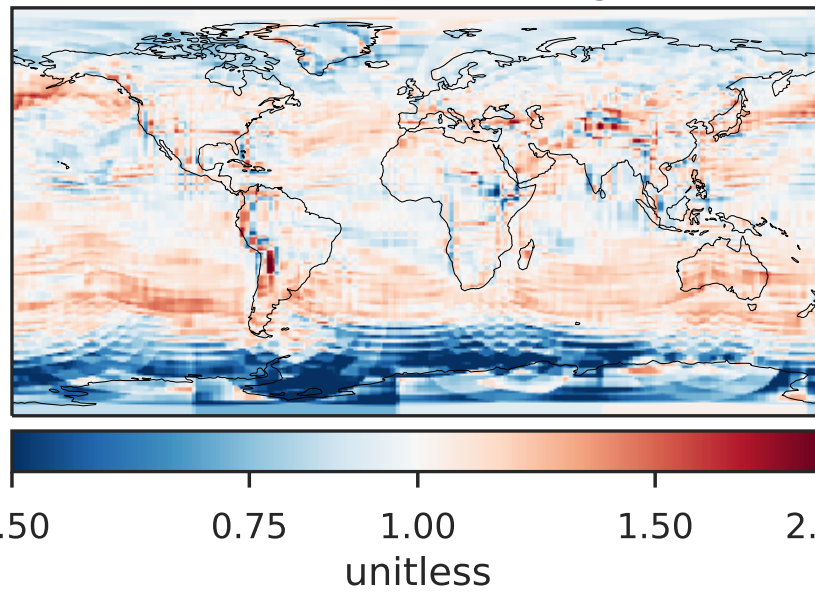
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

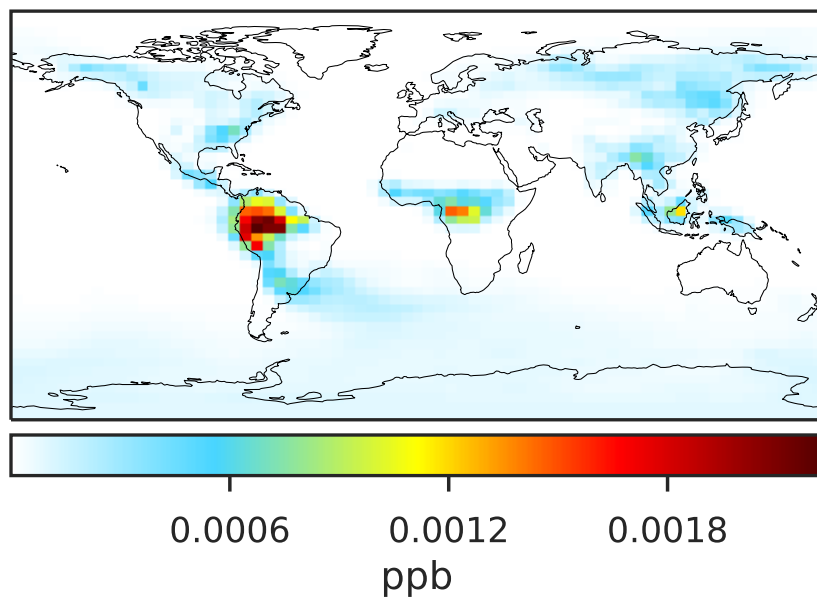


Ratio (1x1.25)
Dev/Ref, Fixed Range

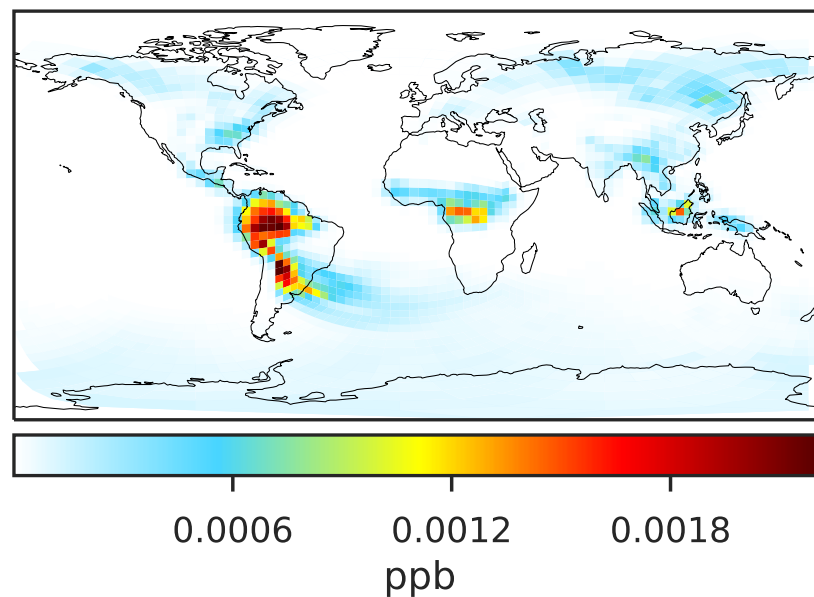


SpeciesConcVV_MPAN

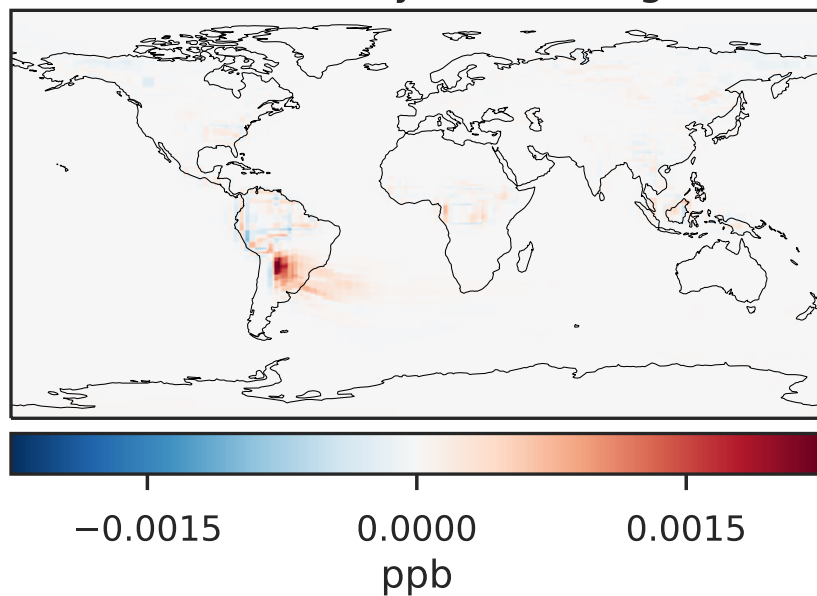
Cloud-J in 14.3.0 (Ref)
4.0x5.0



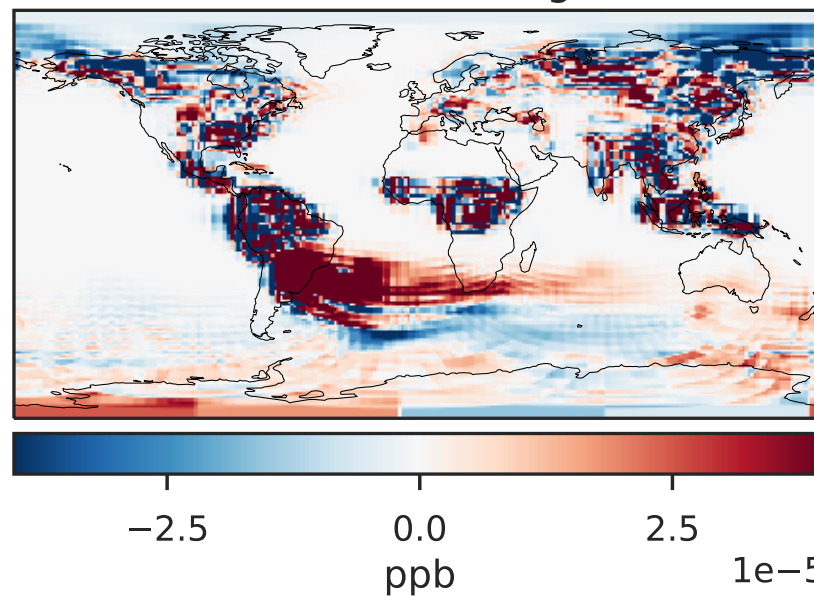
Cloud-J in 14.3.0 (Dev)
c24



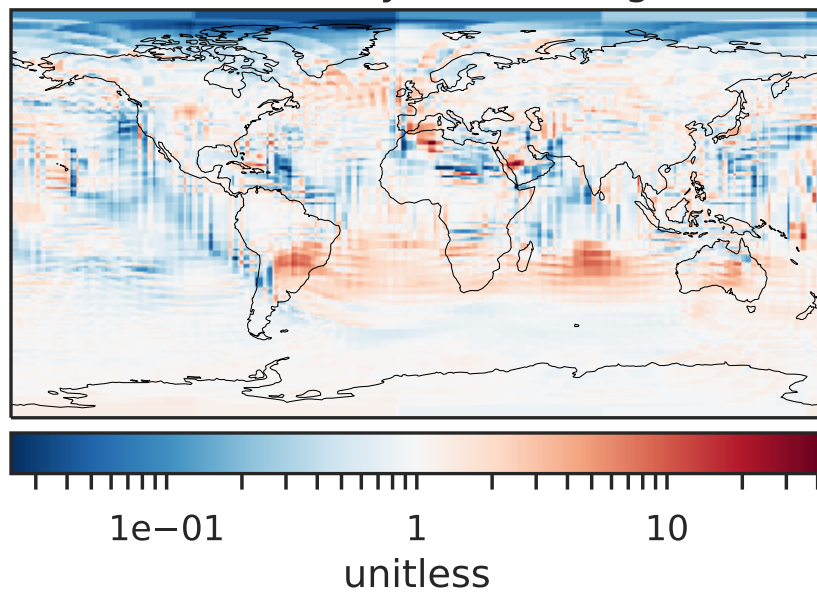
Difference (1x1.25)
Dev - Ref, Dynamic Range



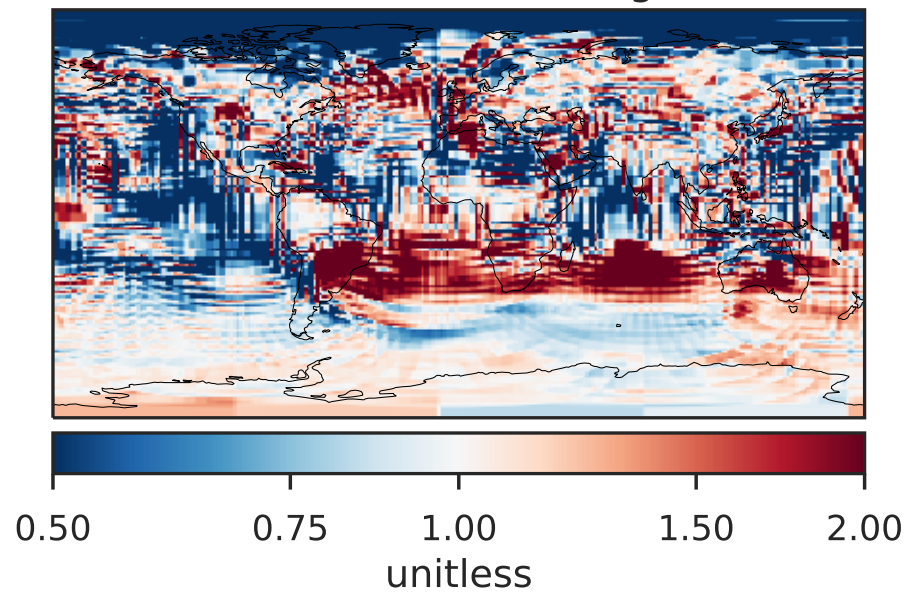
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

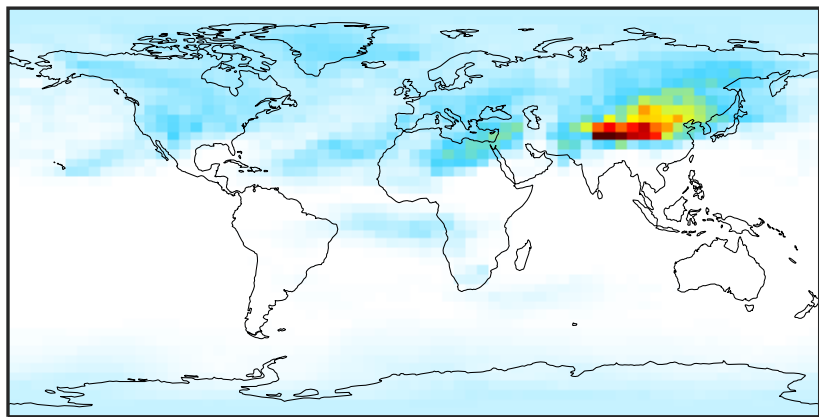


Ratio (1x1.25)
Dev/Ref, Fixed Range



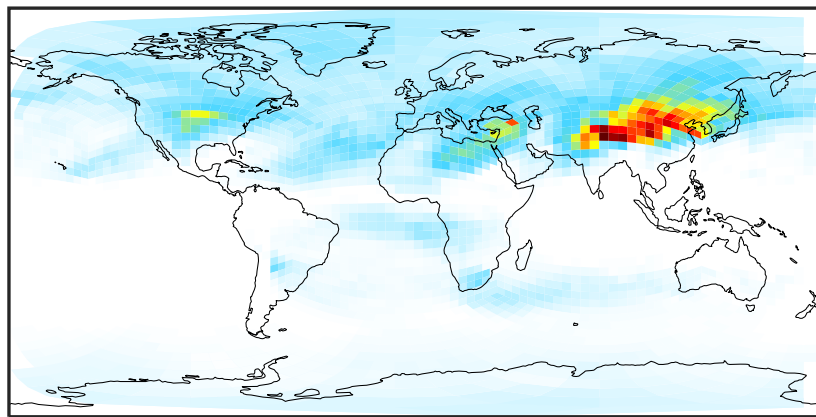
SpeciesConcVV_NIT

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



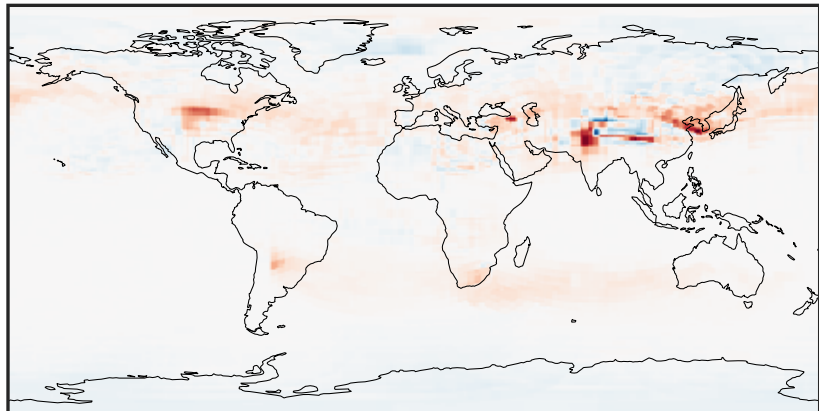
0.0000 0.0598 0.1197 0.1795 0.2394
ppb

Cloud-J in 14.3.0 (Dev)
c24



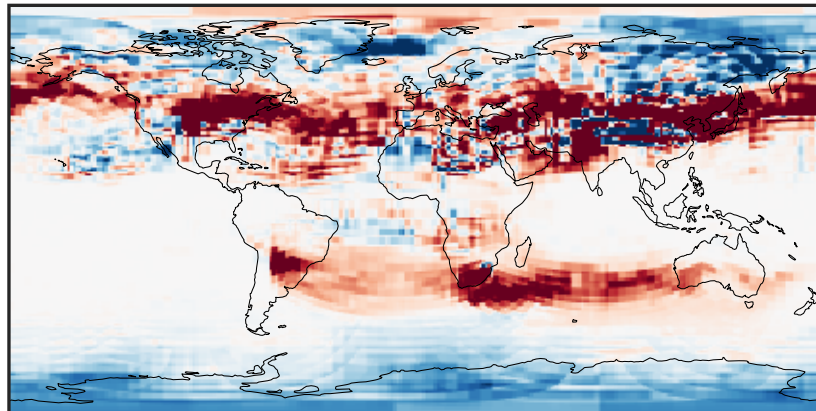
0.0000 0.0598 0.1197 0.1795 0.2394
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



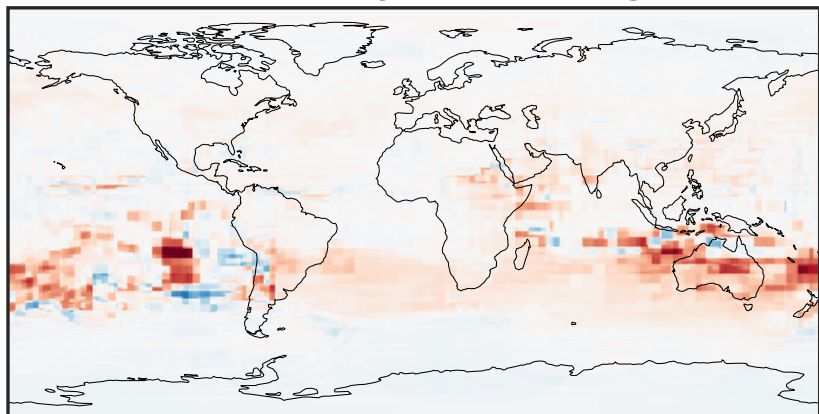
-0.122 -0.061 0.000 0.061 0.122
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



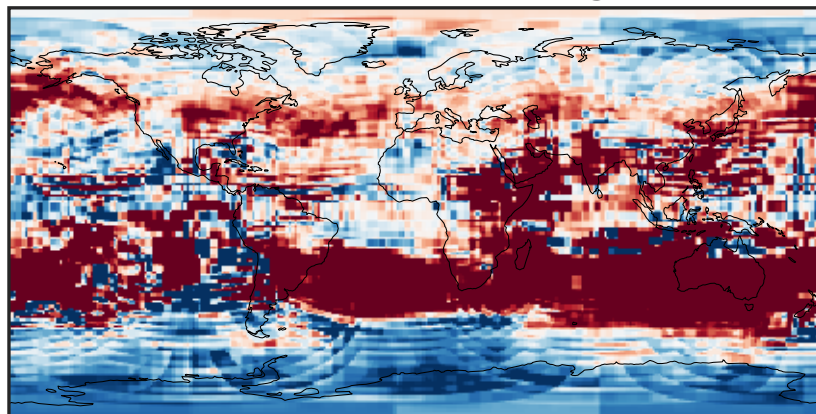
-0.008 0.000 0.008
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



unitless

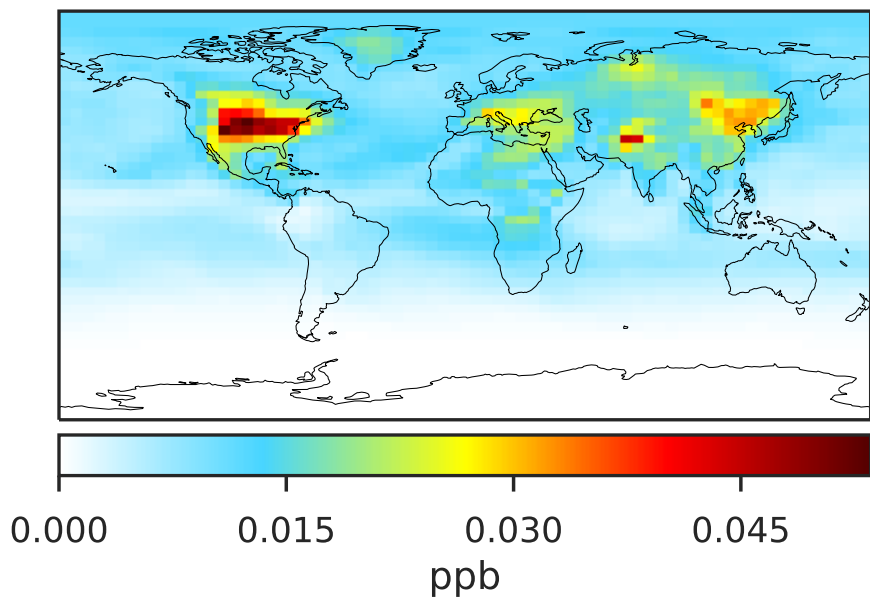
Ratio (1x1.25)
Dev/Ref, Fixed Range



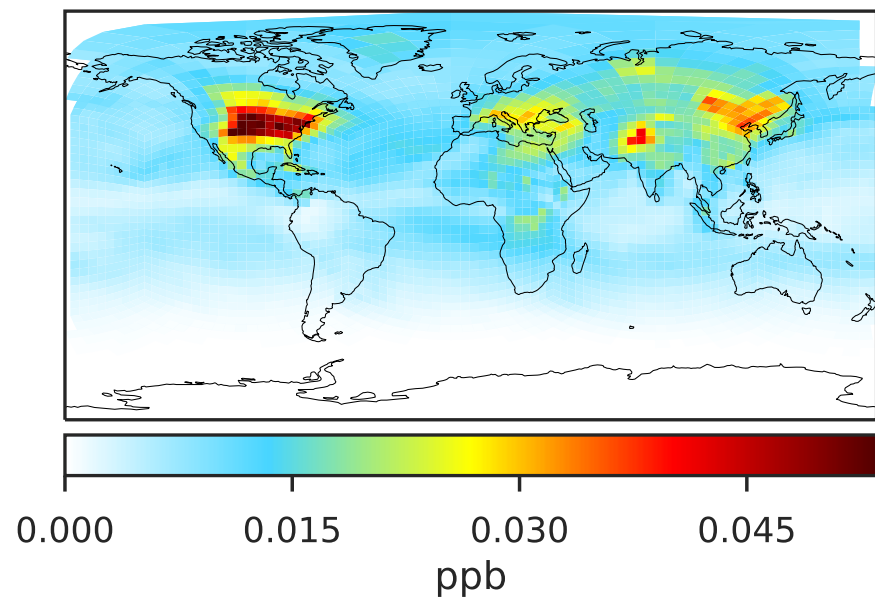
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_NO

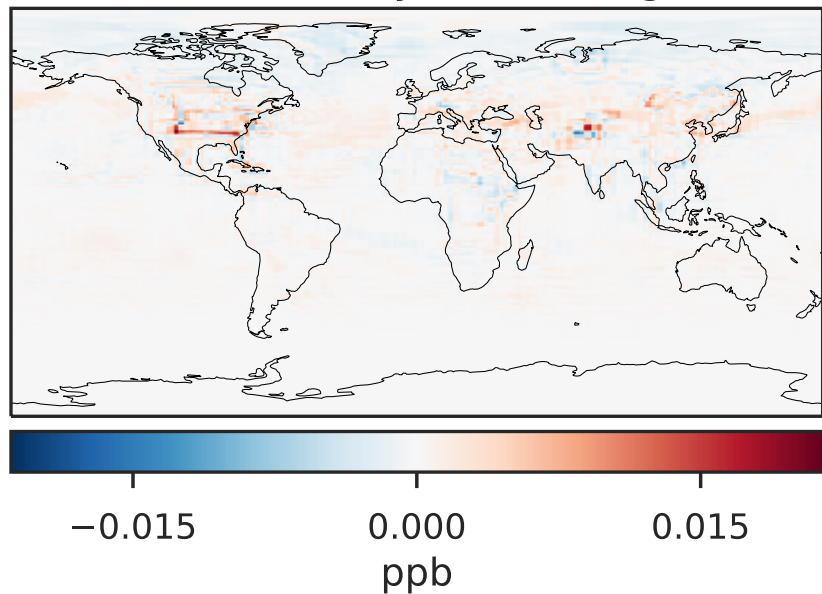
Cloud-J in 14.3.0 (Ref)
4.0x5.0



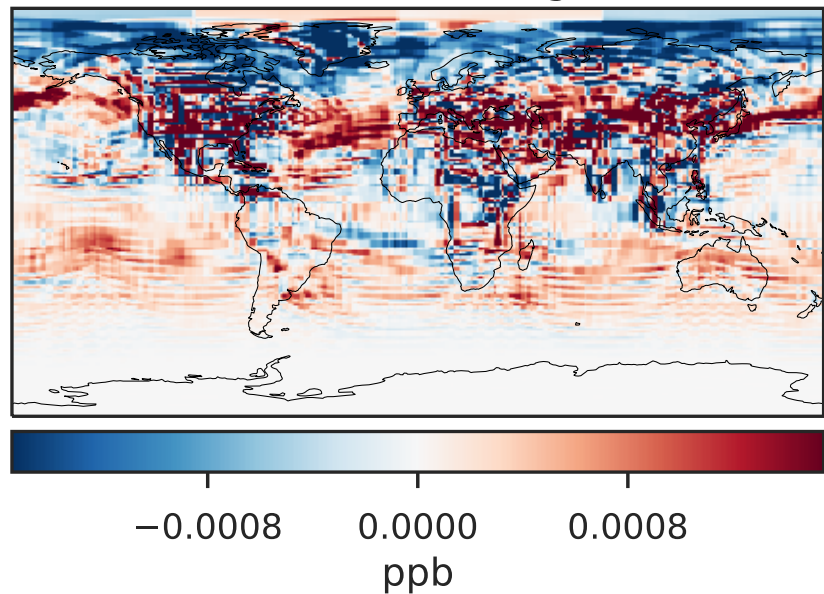
Cloud-J in 14.3.0 (Dev)
c24



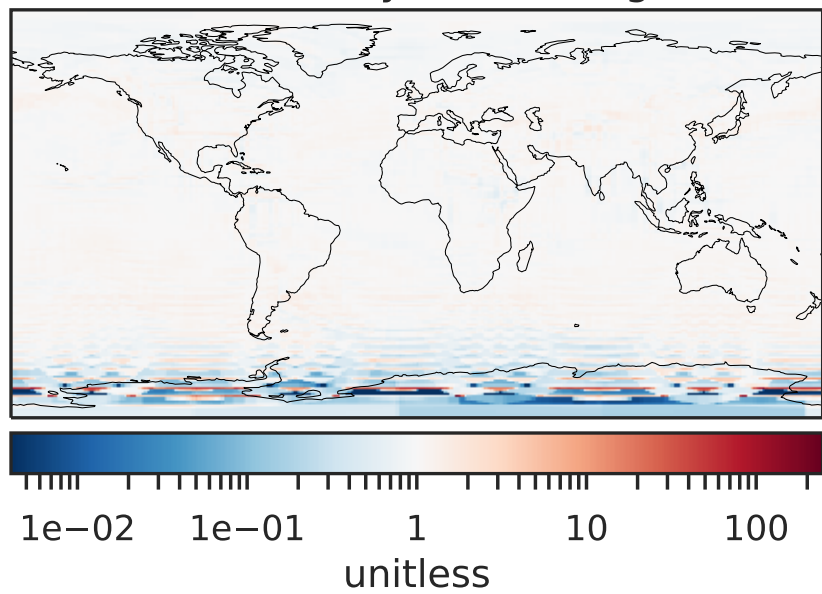
Difference (1x1.25)
Dev - Ref, Dynamic Range



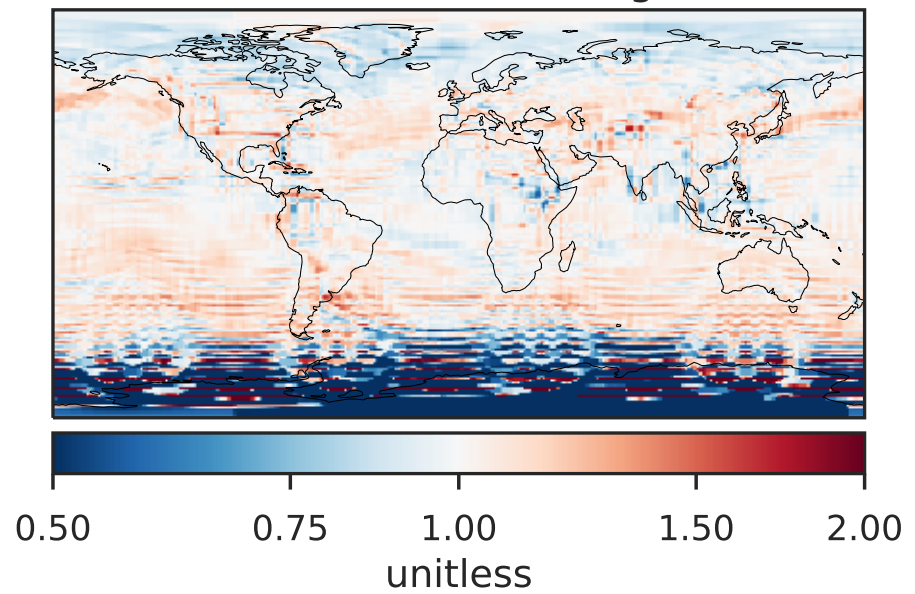
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

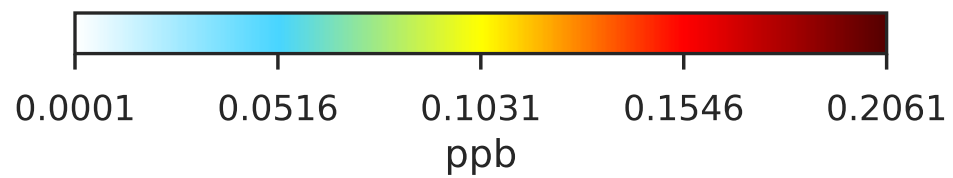
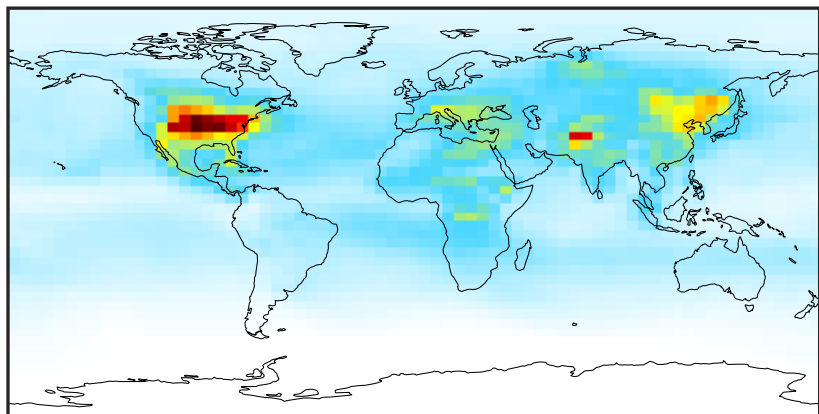


Ratio (1x1.25)
Dev/Ref, Fixed Range

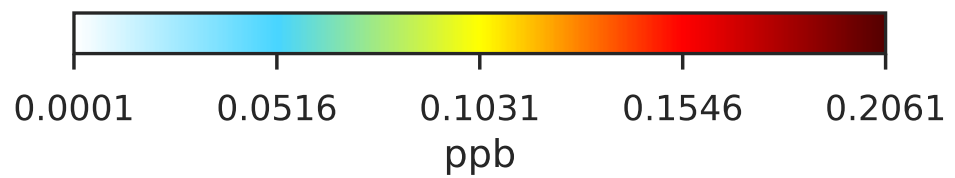
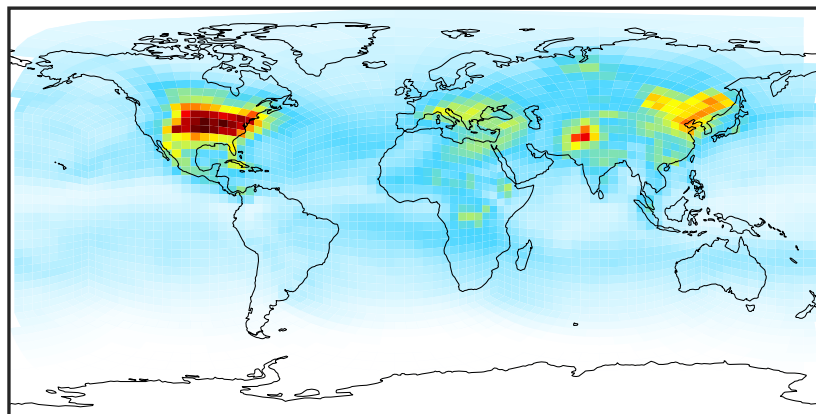


SpeciesConcVV_NO2

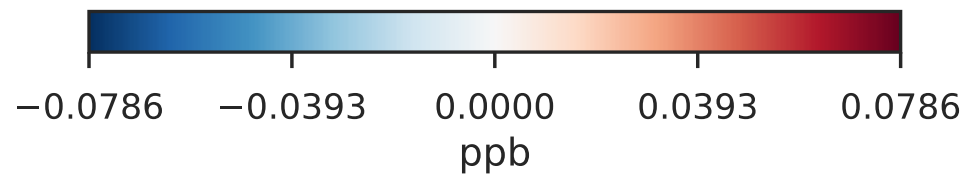
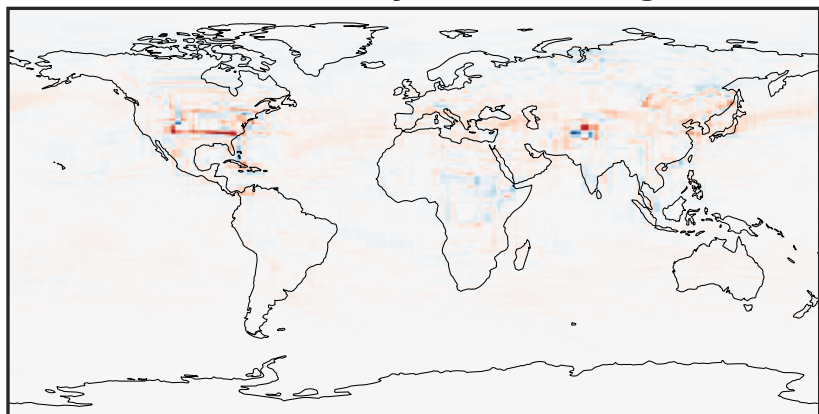
Cloud-J in 14.3.0 (Ref)
4.0x5.0



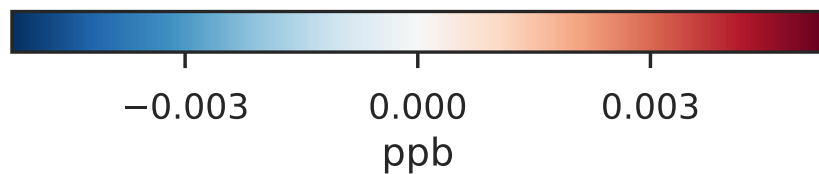
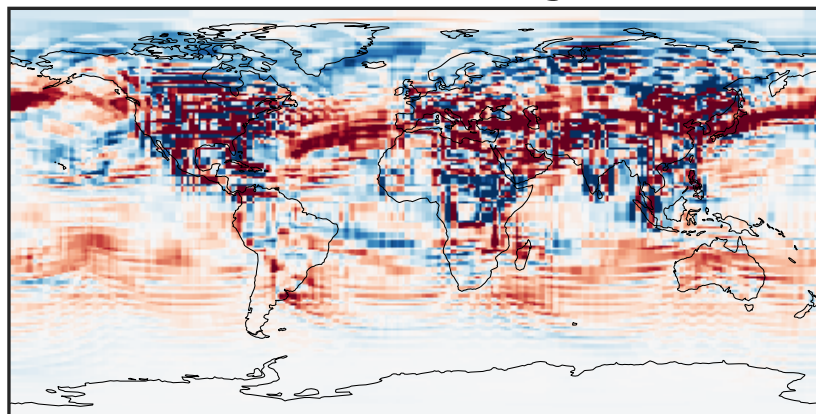
Cloud-J in 14.3.0 (Dev)
c24



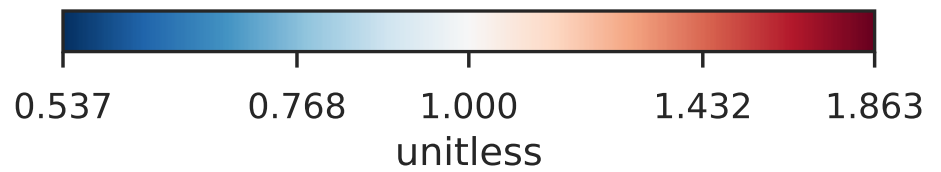
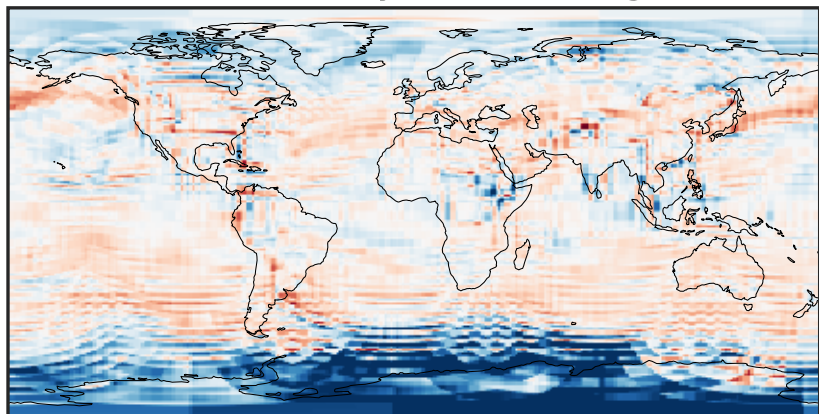
Difference (1x1.25)
Dev - Ref, Dynamic Range



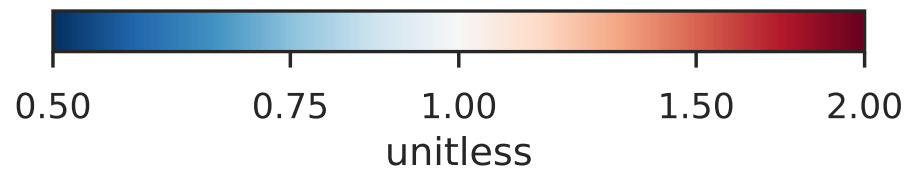
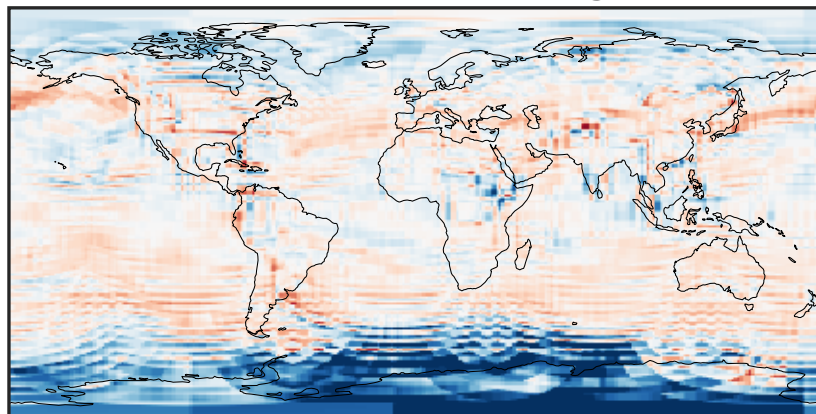
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

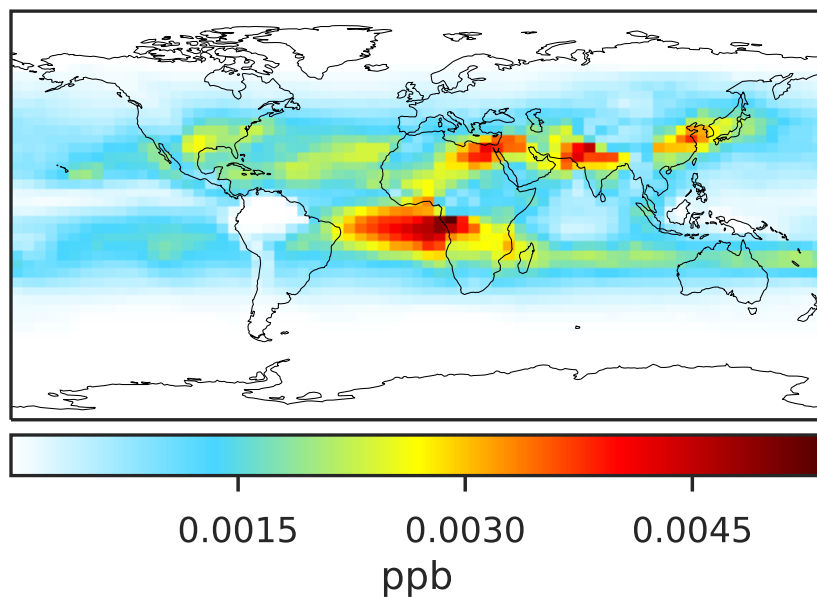


Ratio (1x1.25)
Dev/Ref, Fixed Range

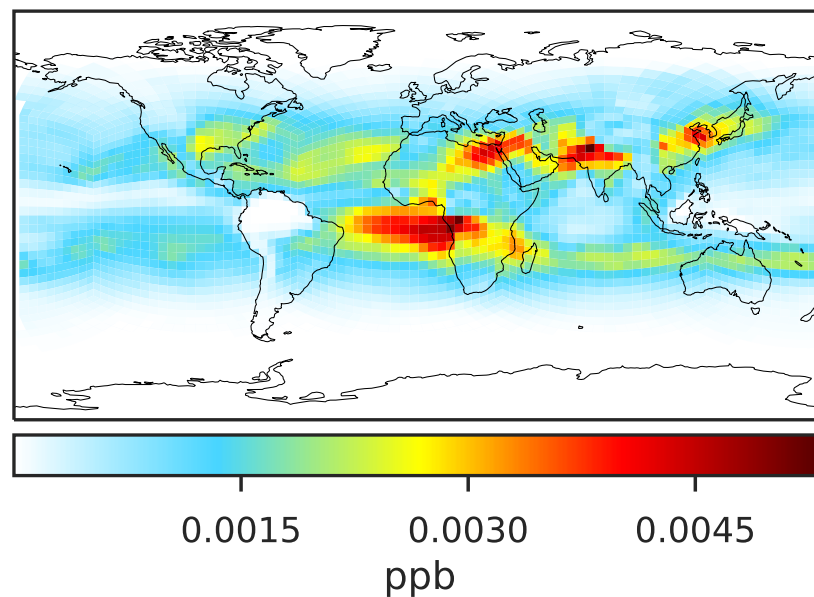


SpeciesConcVV_NO3

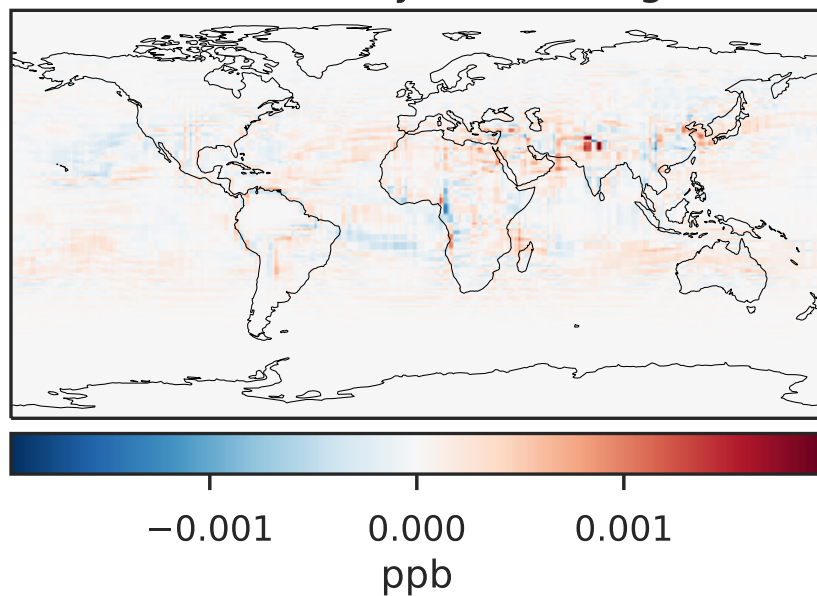
Cloud-J in 14.3.0 (Ref)
4.0x5.0



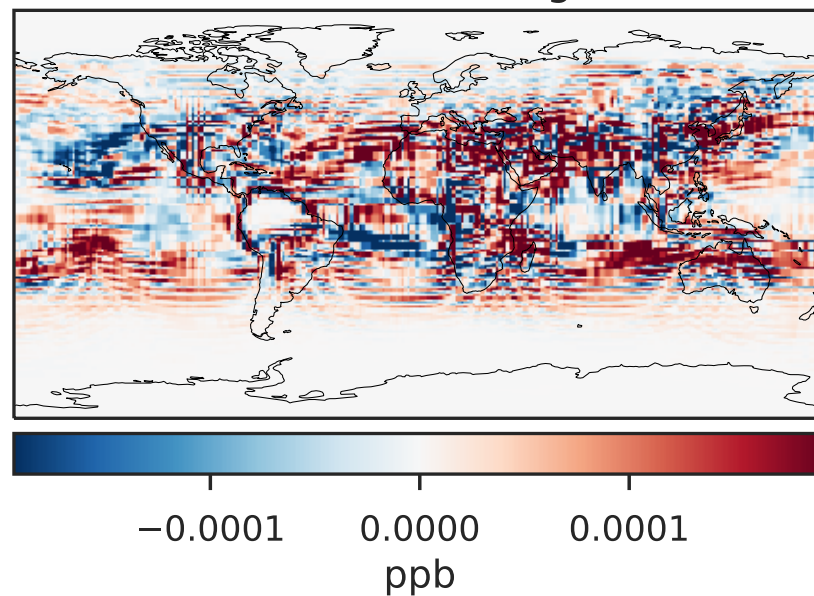
Cloud-J in 14.3.0 (Dev)
c24



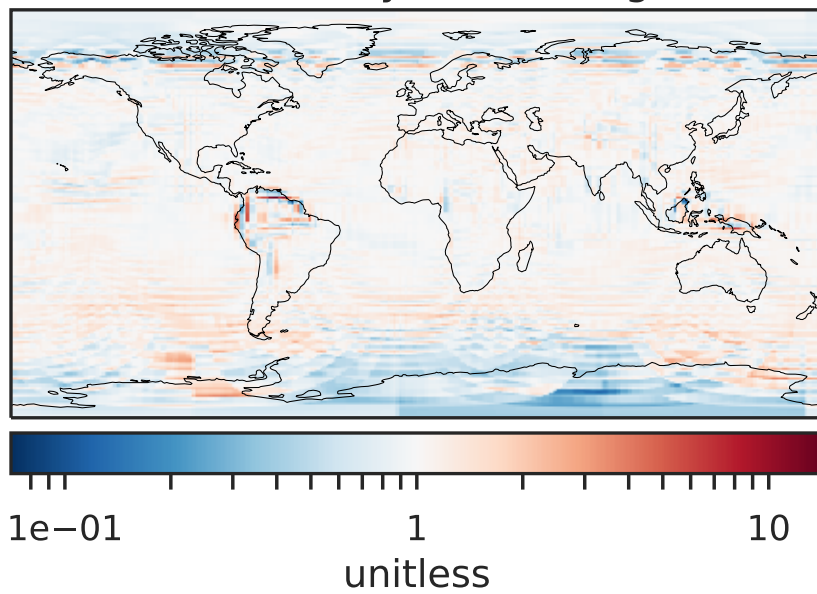
Difference (1x1.25)
Dev - Ref, Dynamic Range



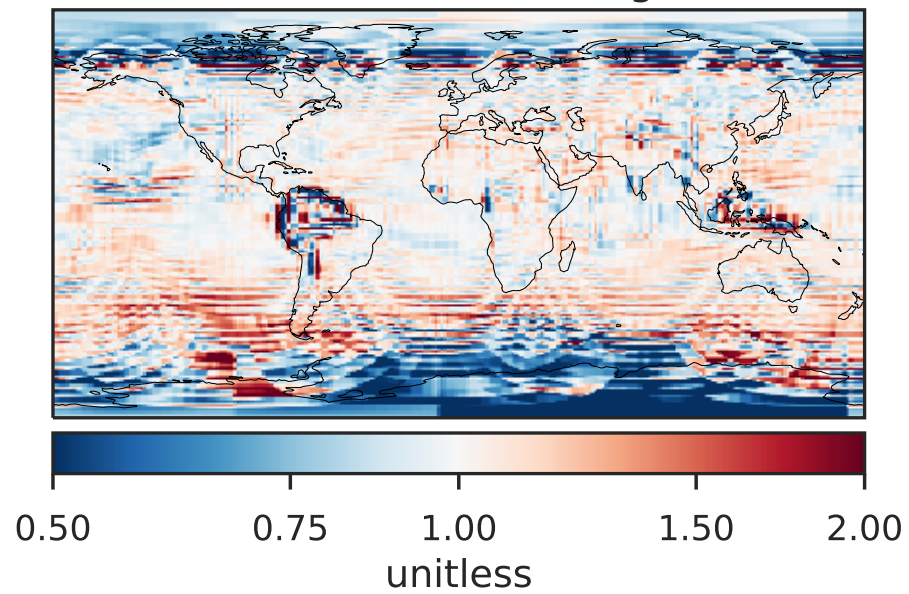
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

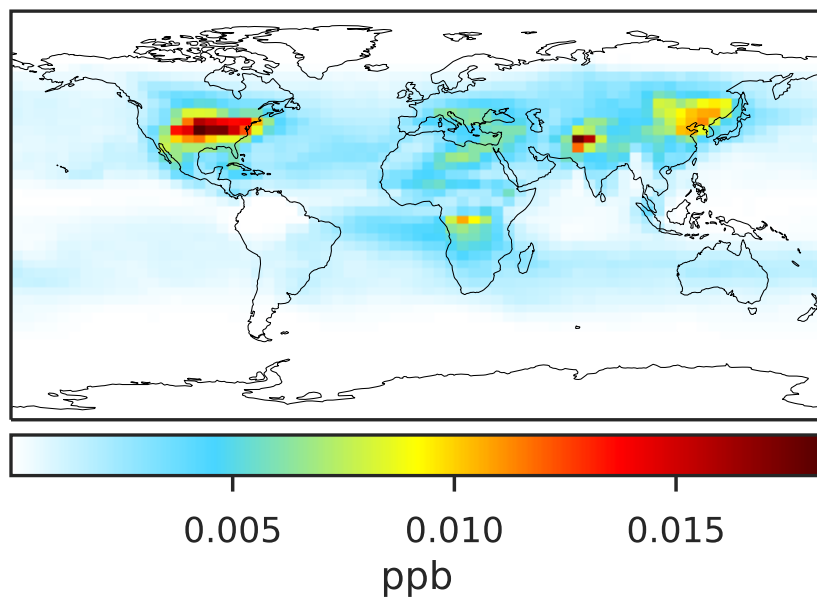


Ratio (1x1.25)
Dev/Ref, Fixed Range

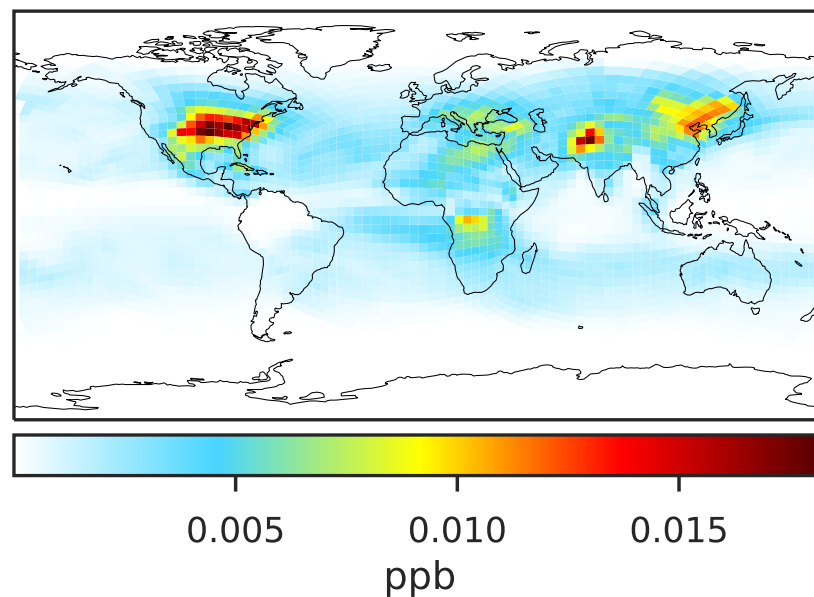


SpeciesConcVV_N2O5

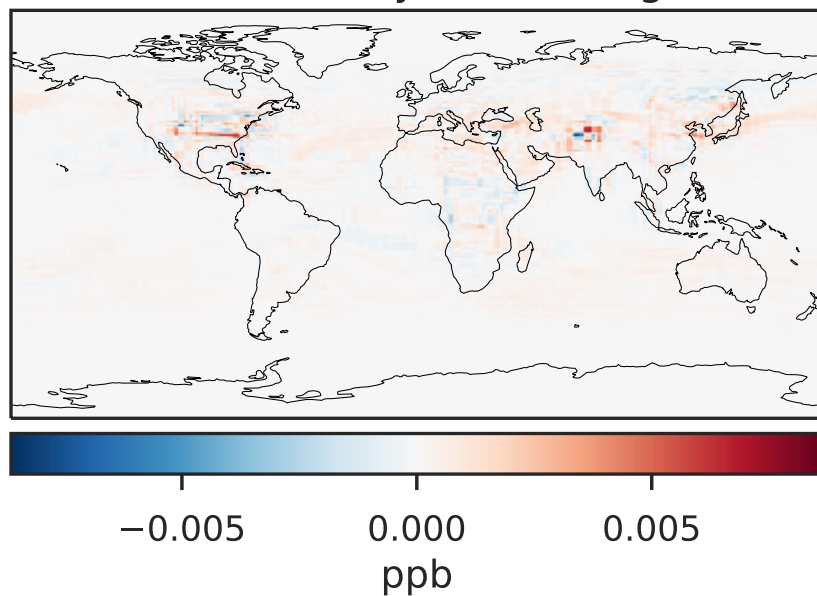
Cloud-J in 14.3.0 (Ref)
4.0x5.0



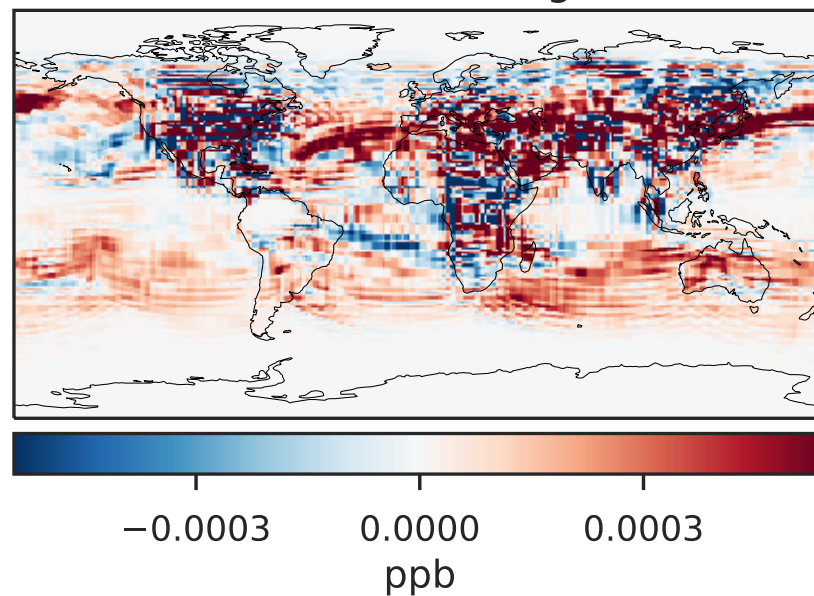
Cloud-J in 14.3.0 (Dev)
c24



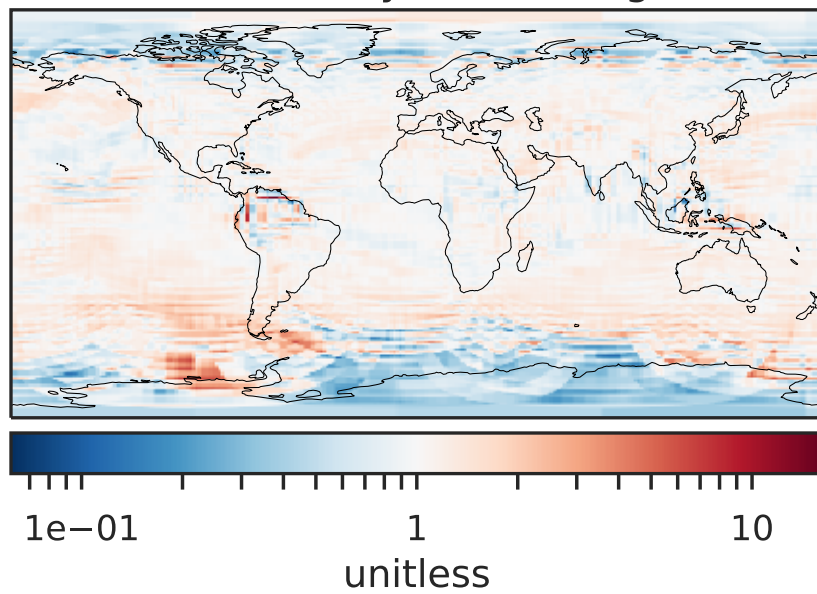
Difference (1x1.25)
Dev - Ref, Dynamic Range



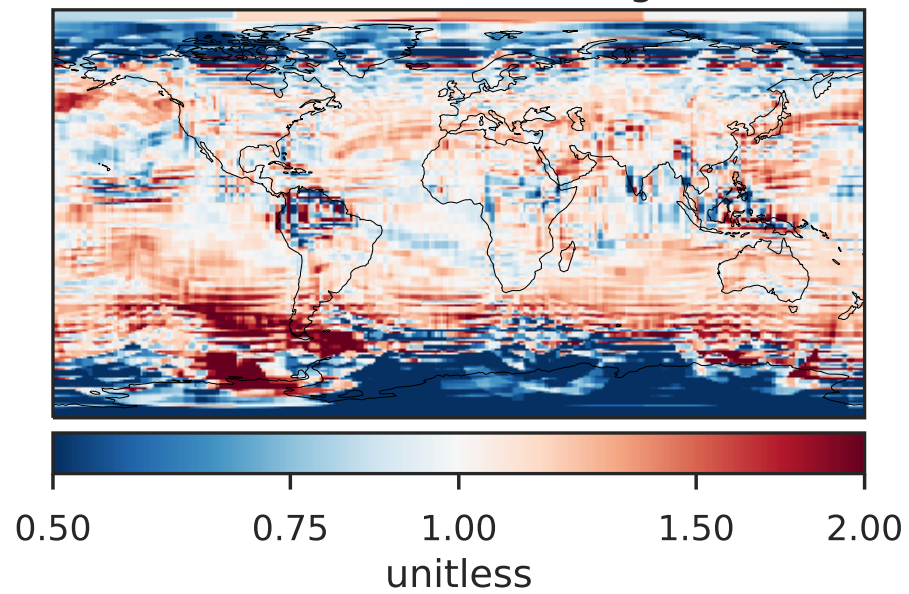
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

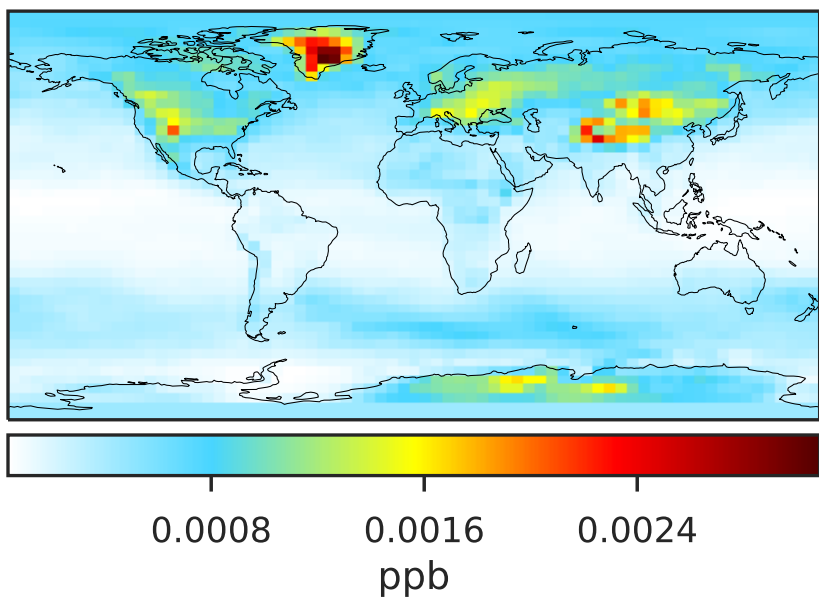


Ratio (1x1.25)
Dev/Ref, Fixed Range

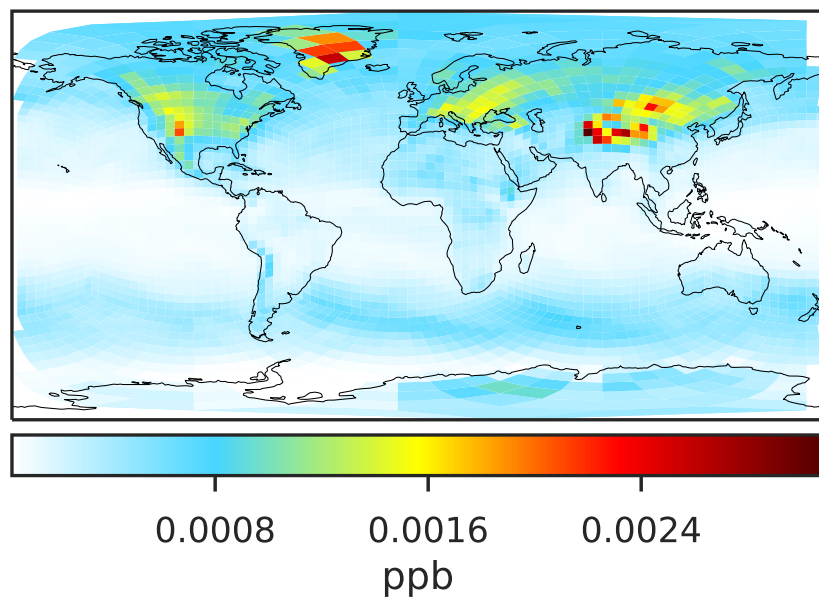


SpeciesConcVV_MPN

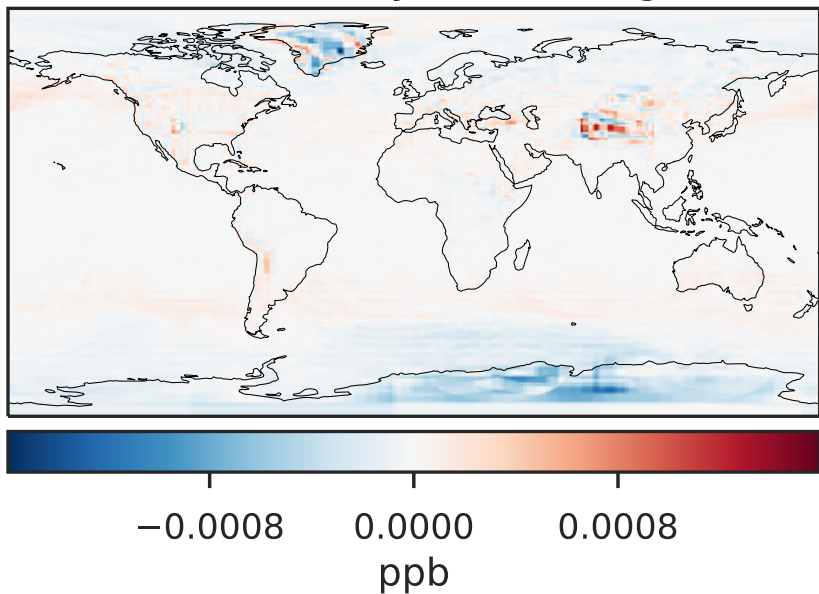
Cloud-J in 14.3.0 (Ref)
4.0x5.0



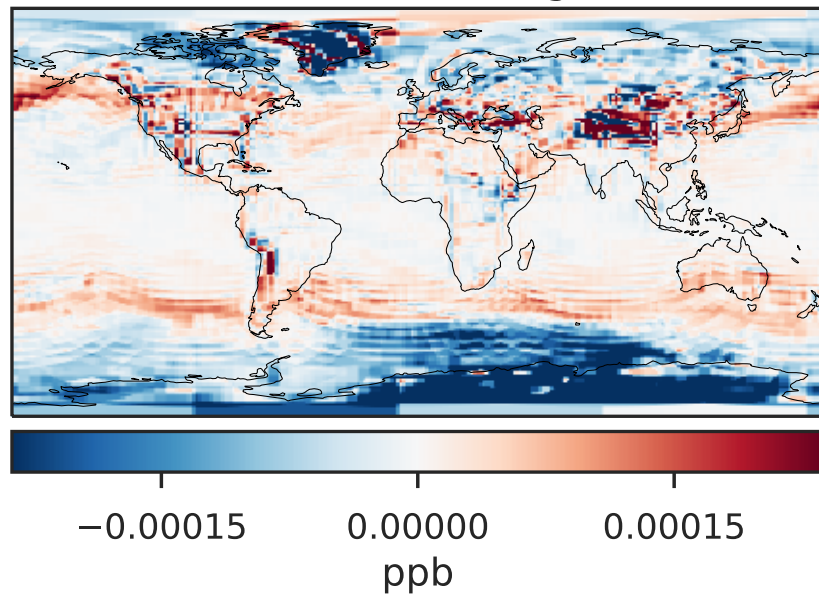
Cloud-J in 14.3.0 (Dev)
c24



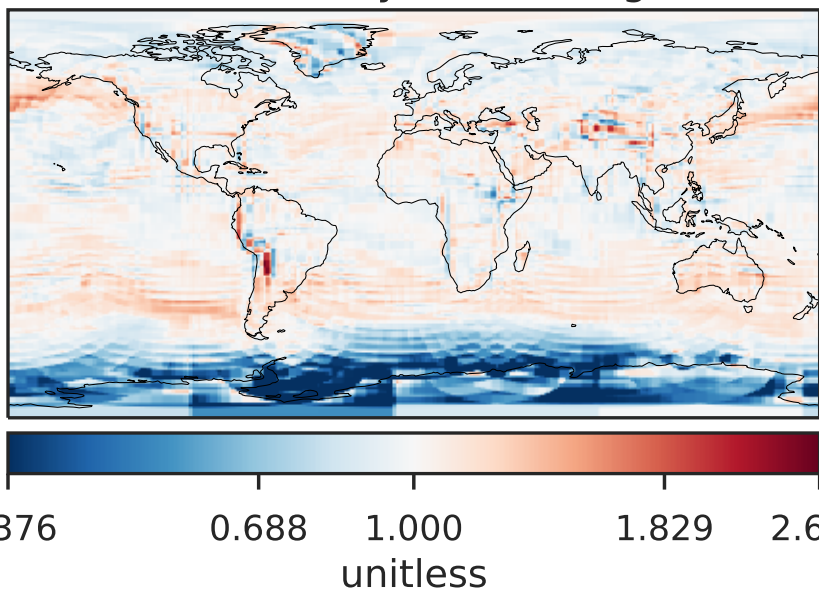
Difference (1x1.25)
Dev - Ref, Dynamic Range



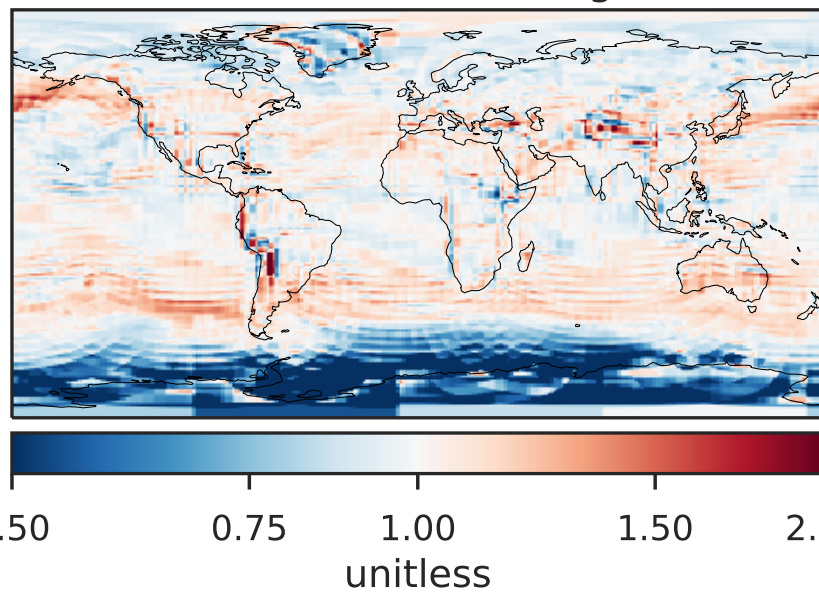
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

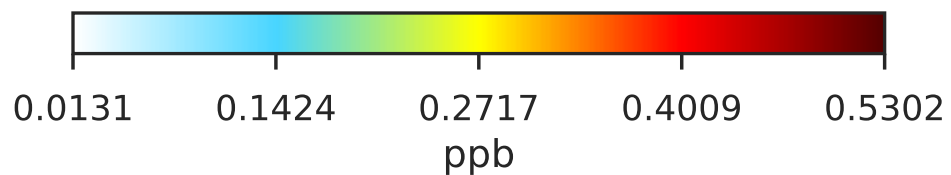
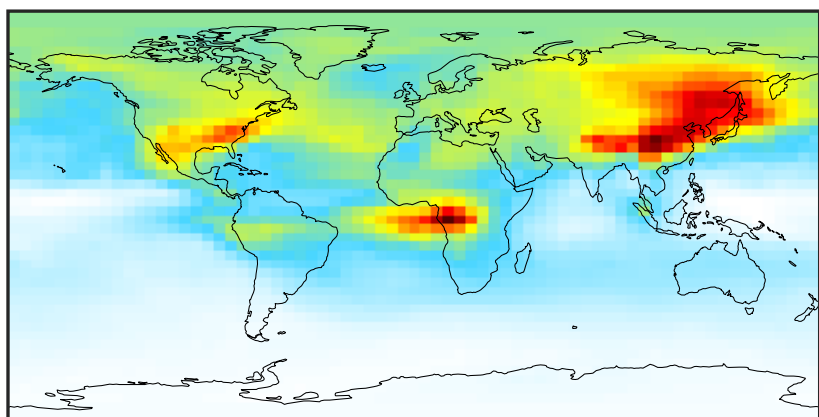


Ratio (1x1.25)
Dev/Ref, Fixed Range

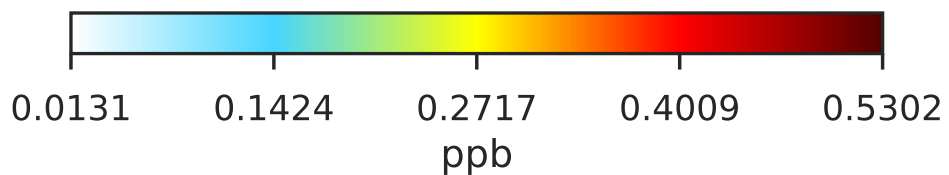
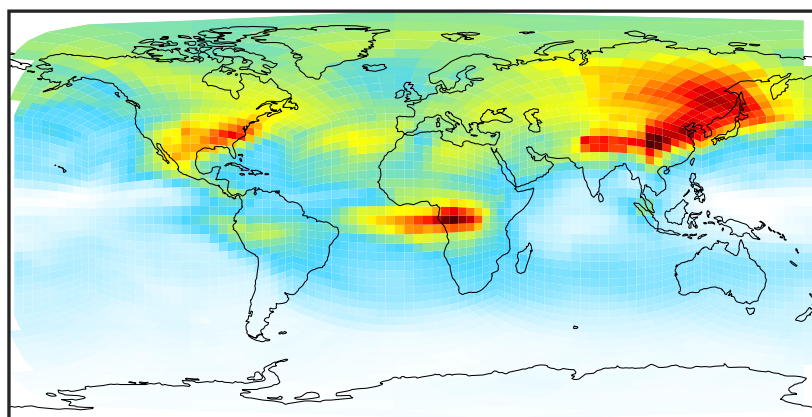


SpeciesConcVV_PAN

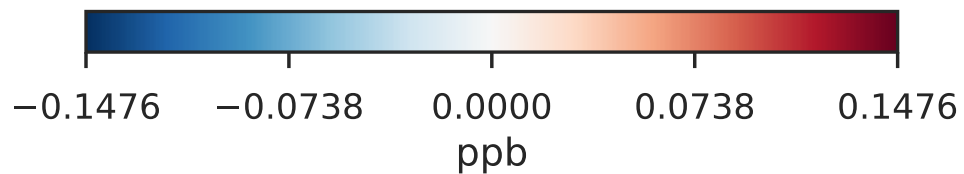
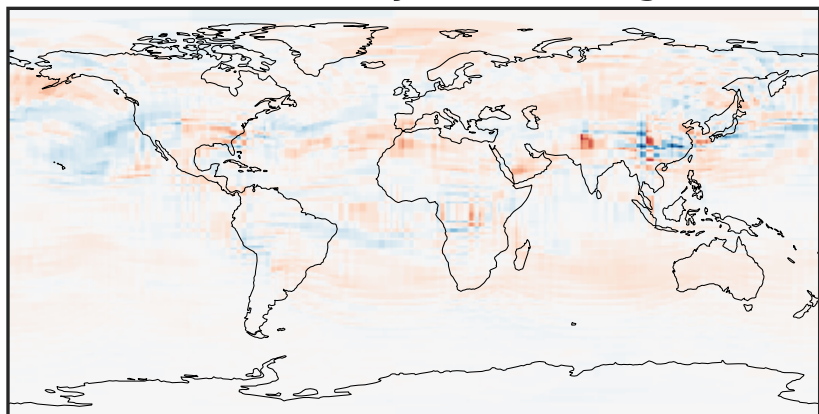
Cloud-J in 14.3.0 (Ref)
4.0x5.0



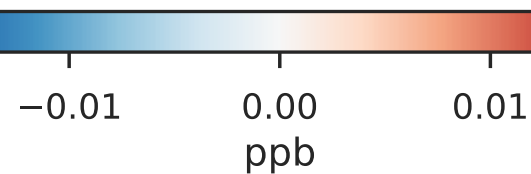
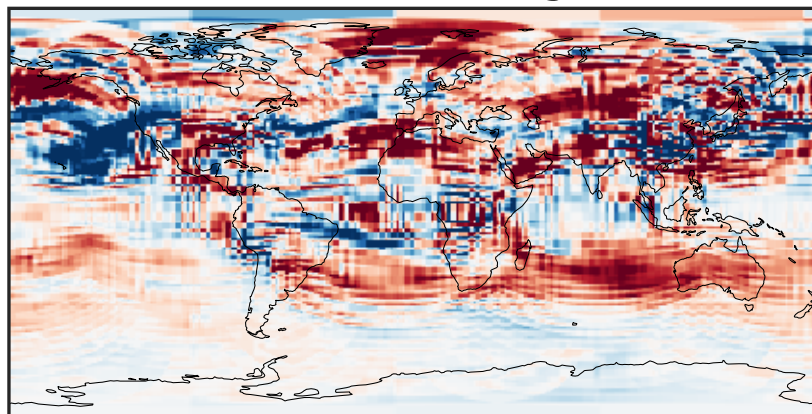
Cloud-J in 14.3.0 (Dev)
c24



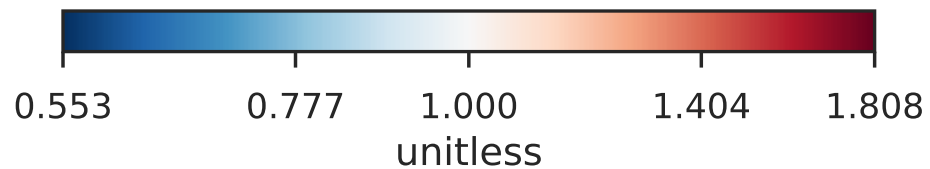
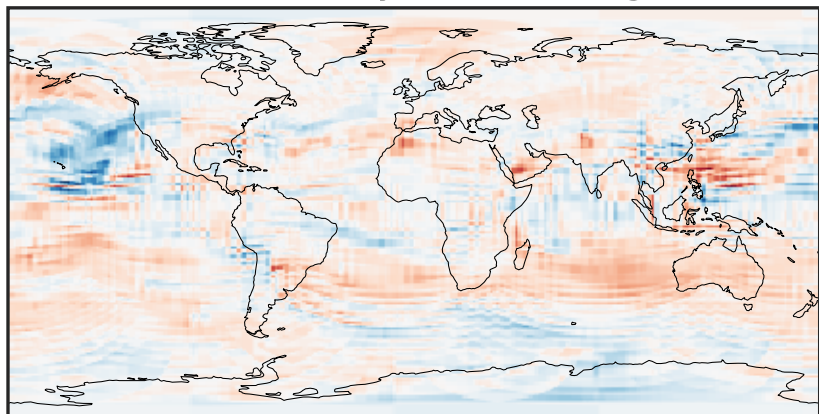
Difference (1x1.25)
Dev - Ref, Dynamic Range



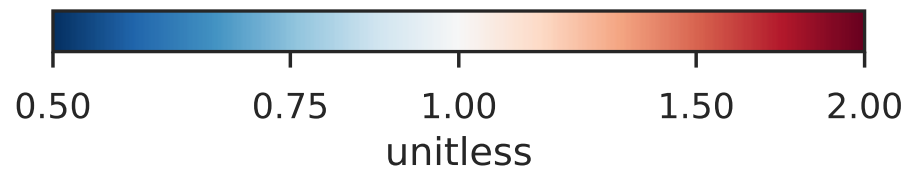
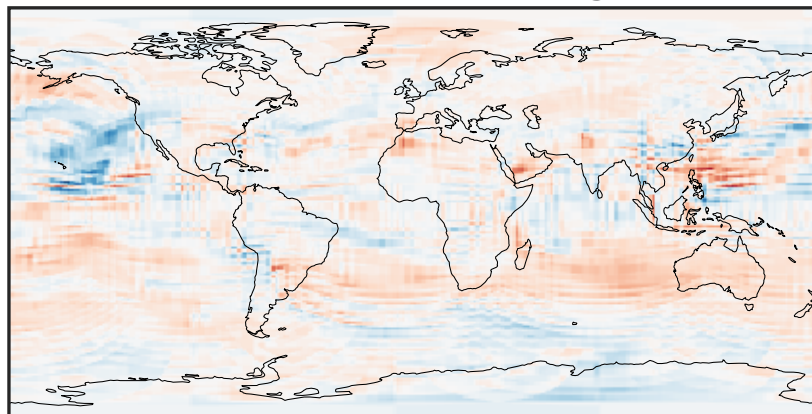
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

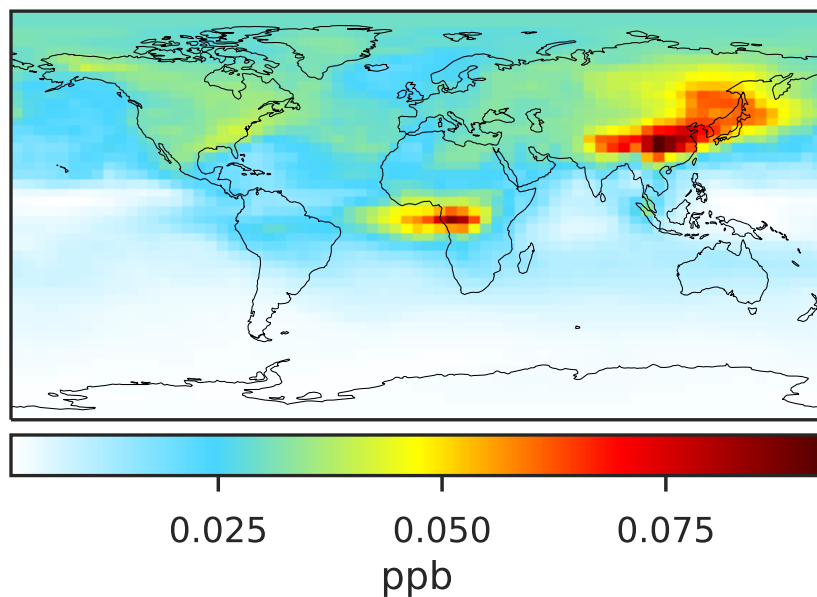


Ratio (1x1.25)
Dev/Ref, Fixed Range

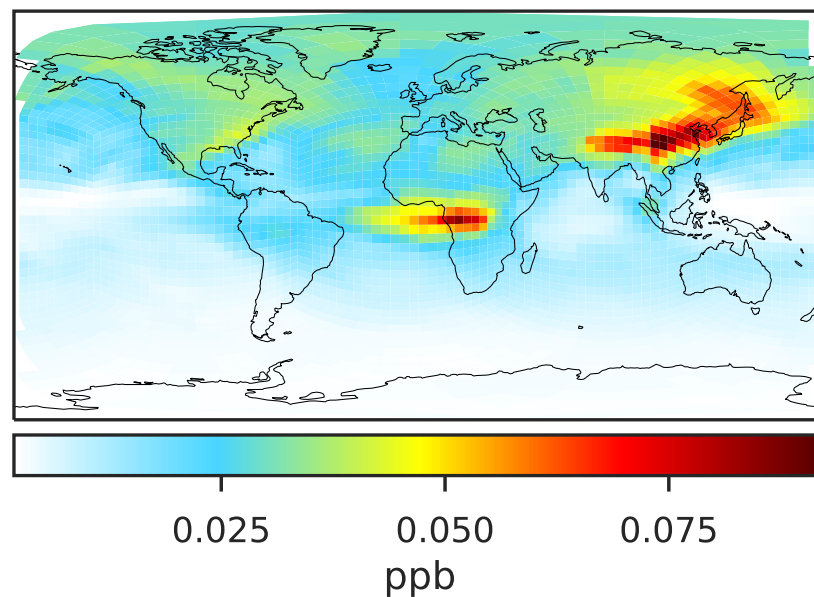


SpeciesConcVV_PPN

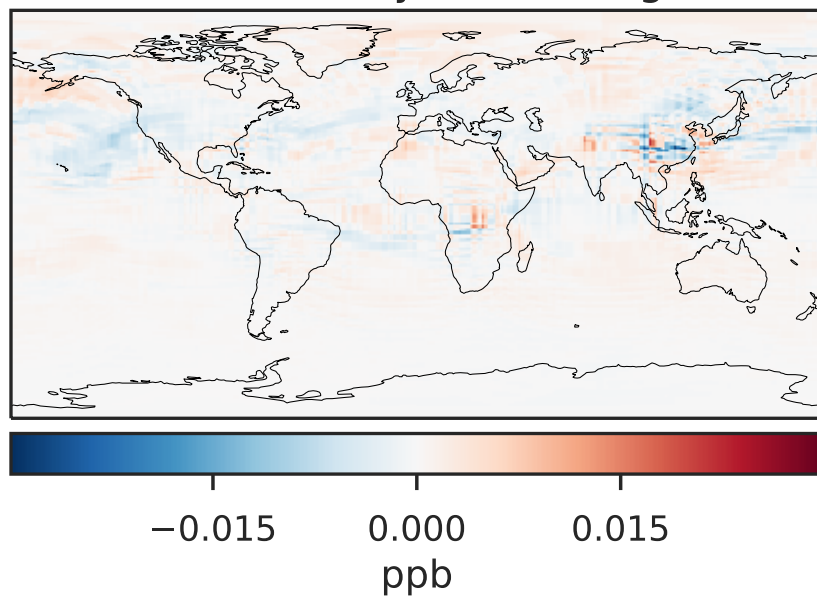
Cloud-J in 14.3.0 (Ref)
4.0x5.0



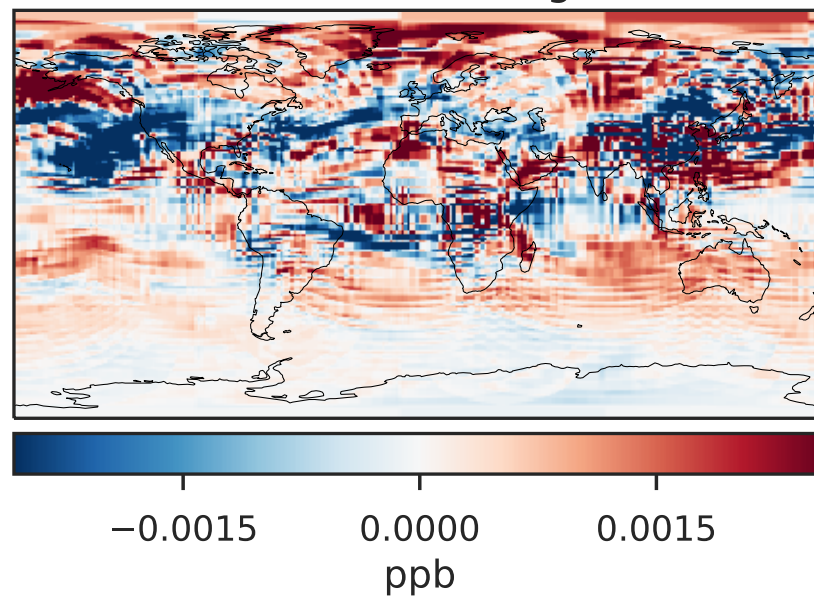
Cloud-J in 14.3.0 (Dev)
c24



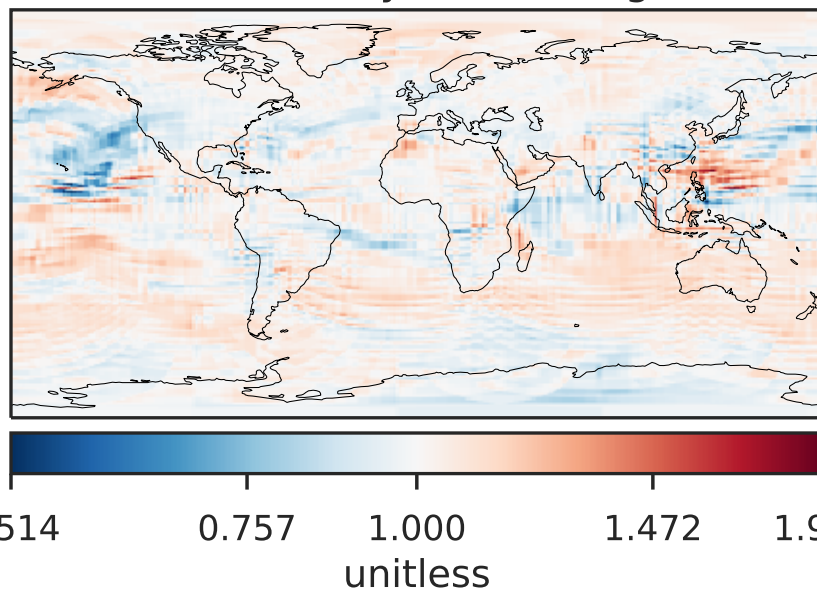
Difference (1x1.25)
Dev - Ref, Dynamic Range



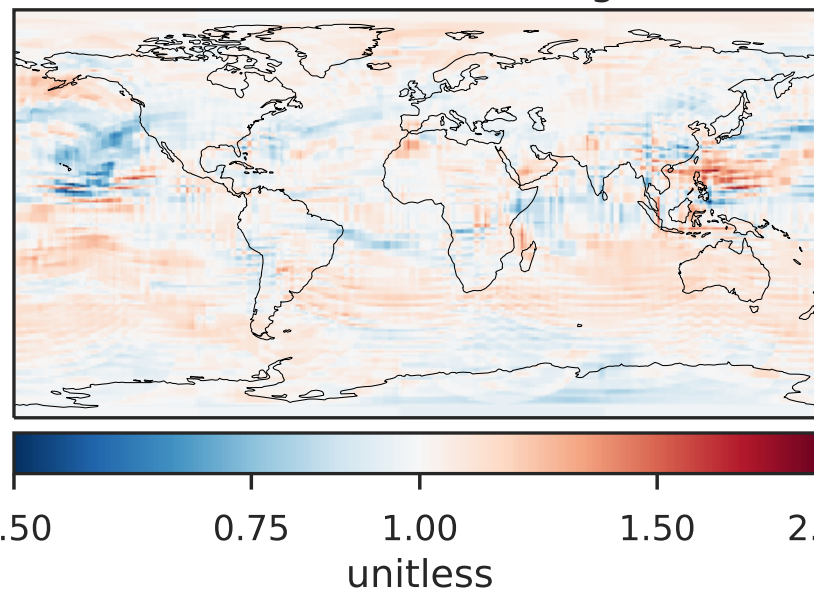
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

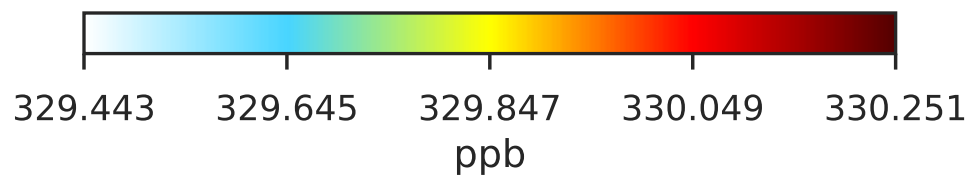
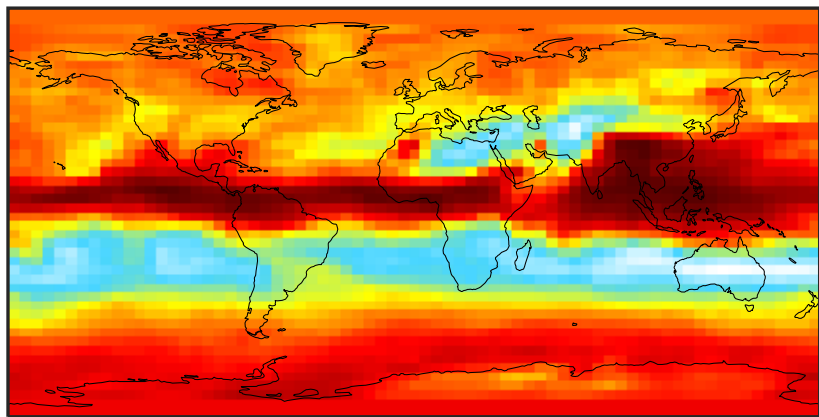


Ratio (1x1.25)
Dev/Ref, Fixed Range

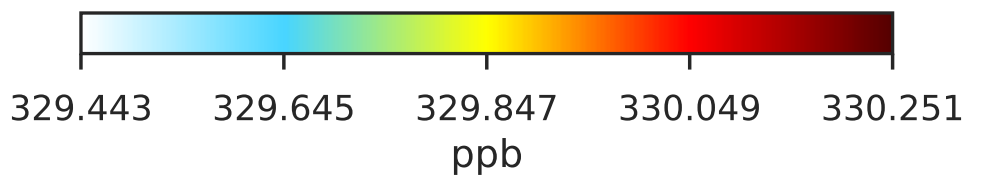
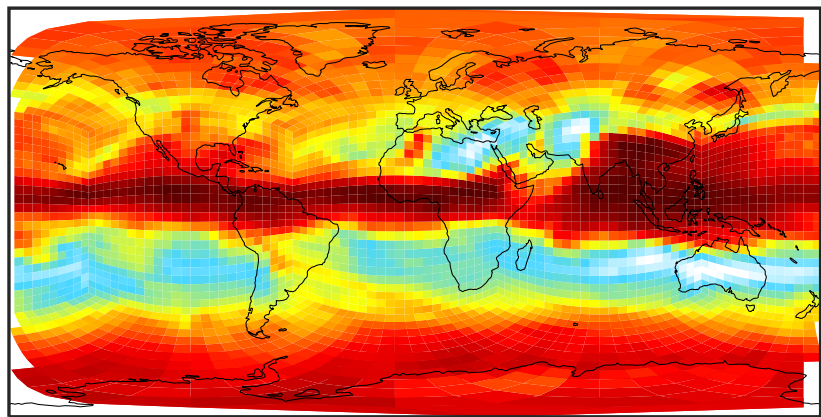


SpeciesConcVV_N2O

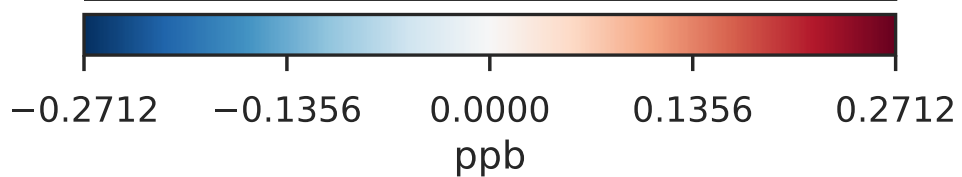
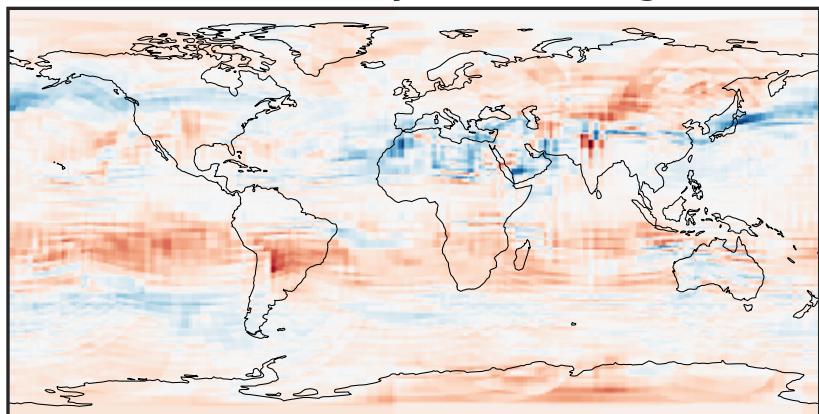
Cloud-J in 14.3.0 (Ref)
4.0x5.0



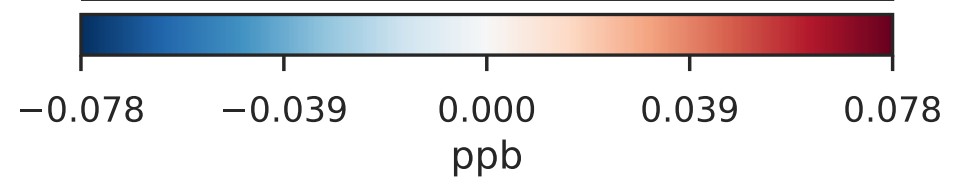
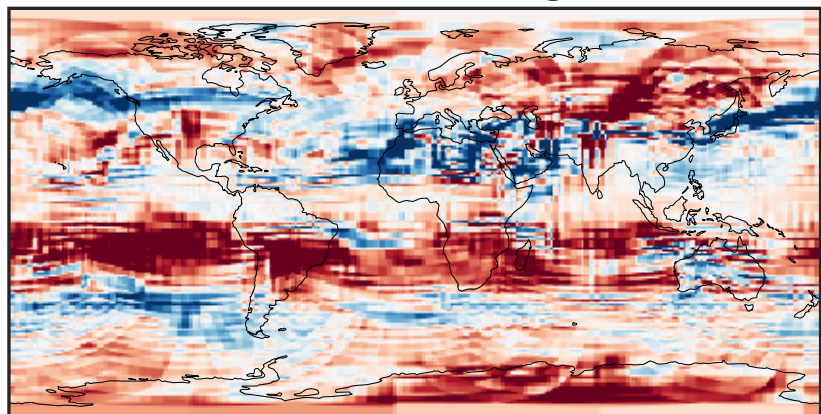
Cloud-J in 14.3.0 (Dev)
c24



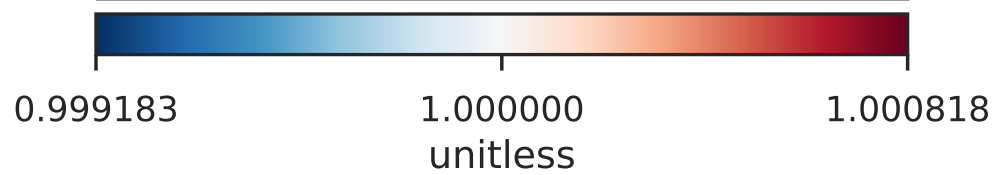
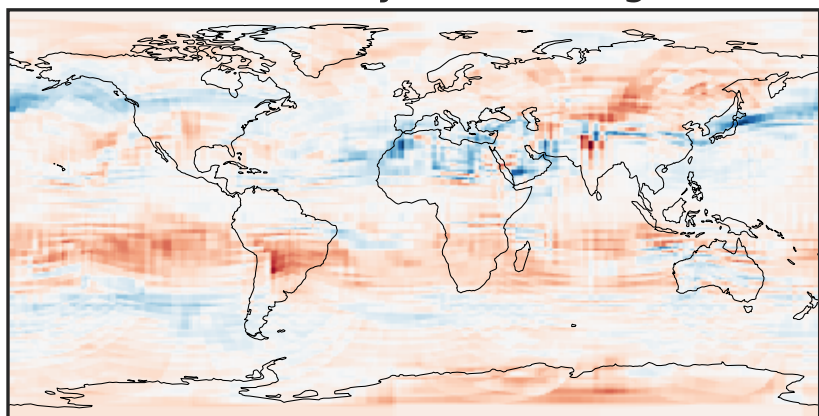
Difference (1x1.25)
Dev - Ref, Dynamic Range



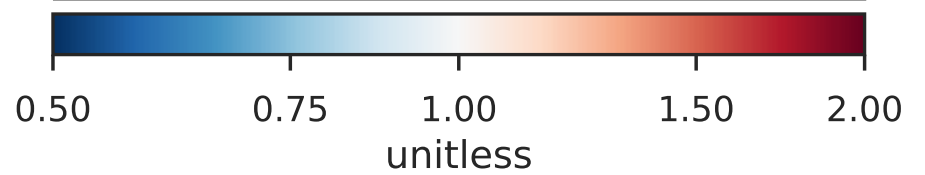
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

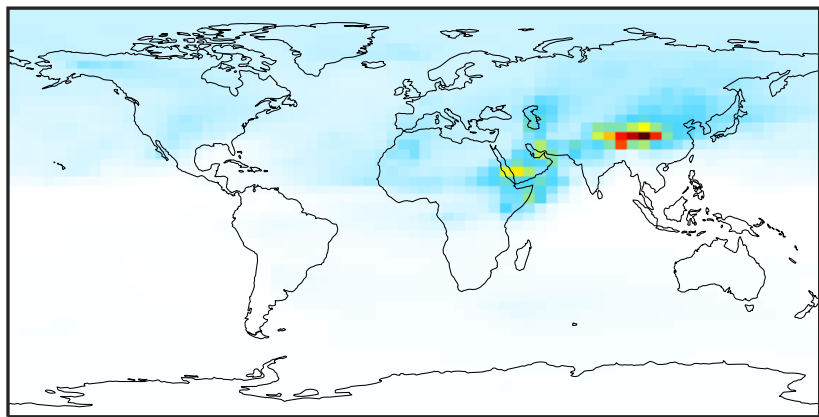


Ratio (1x1.25)
Dev/Ref, Fixed Range



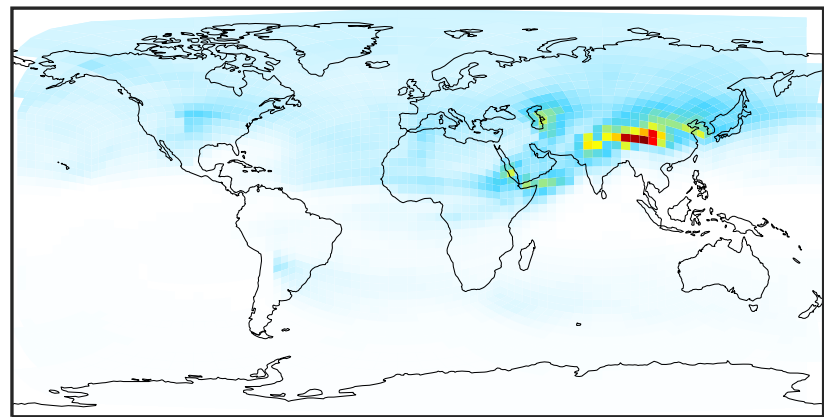
SpeciesConcVV_NHx

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



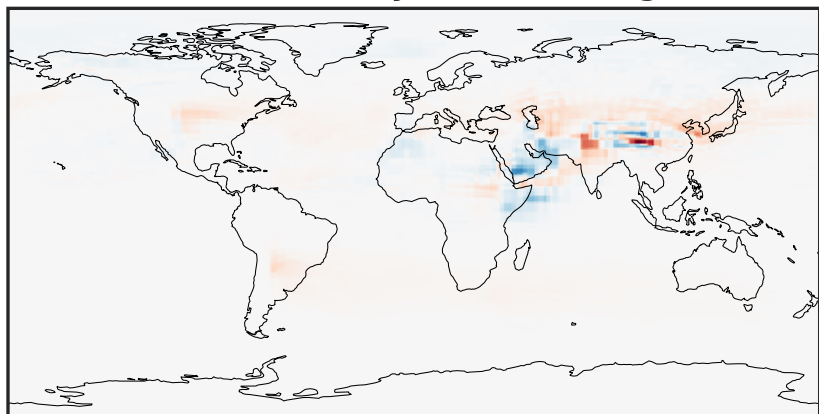
0.001 0.292 0.583 0.874 1.166
ppb

Cloud-J in 14.3.0 (Dev)
c24



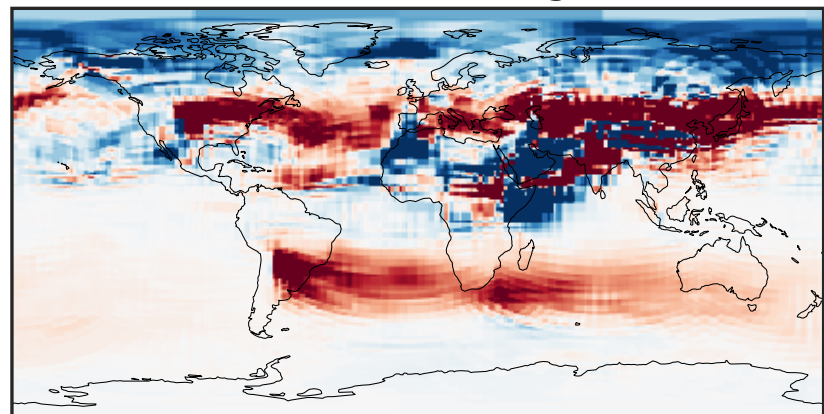
0.001 0.292 0.583 0.874 1.166
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



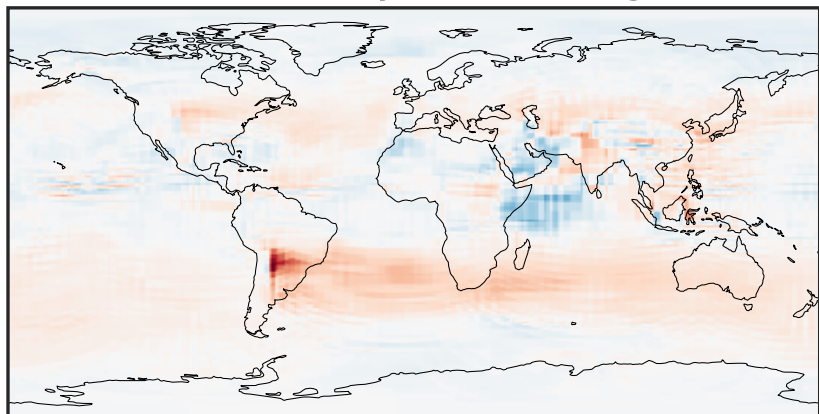
-0.655 -0.328 0.000 0.328 0.655
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



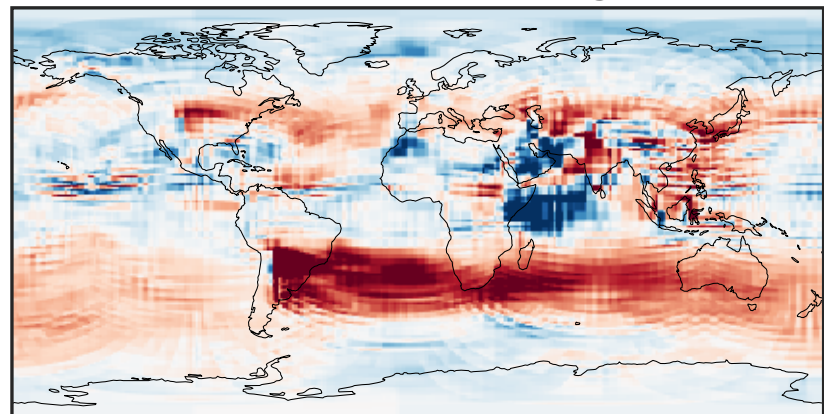
-0.015 0.000 0.015
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

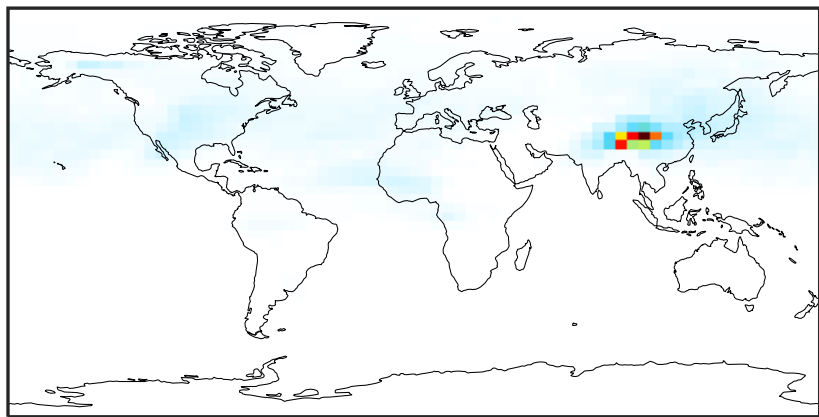
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

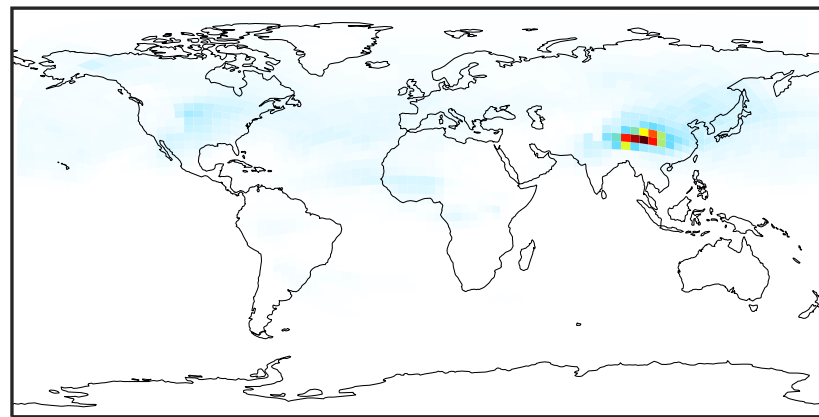
SpeciesConcVV_NH3

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



0.0000 0.2147 0.4295 0.6442 0.8590
ppb

Cloud-J in 14.3.0 (Dev)
c24



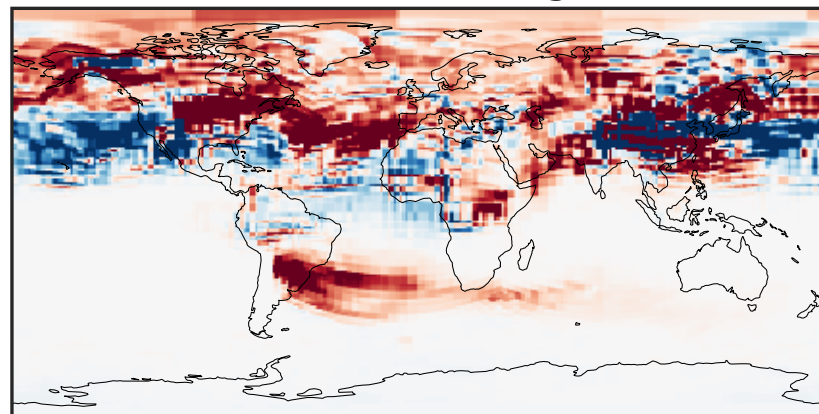
0.0000 0.2147 0.4295 0.6442 0.8590
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



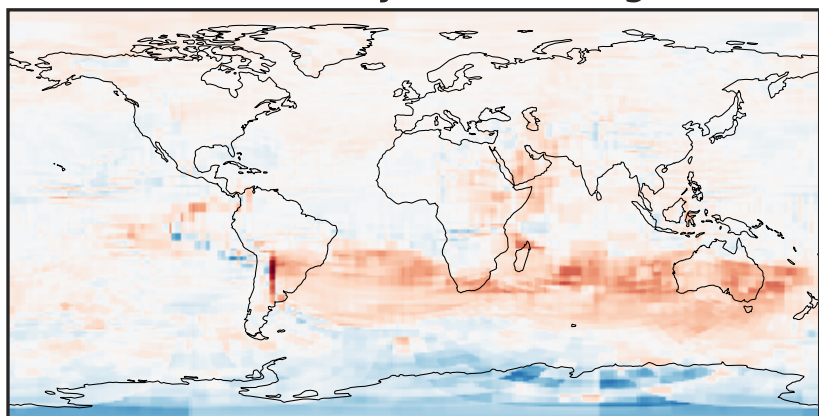
-0.531 -0.266 0.000 0.266 0.531
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



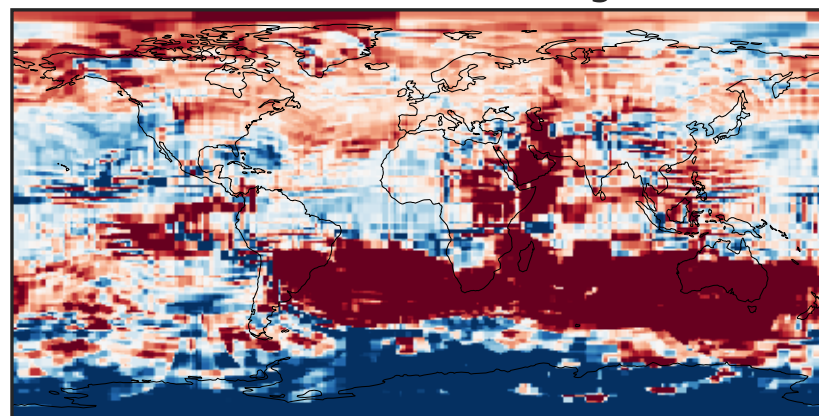
-0.003 0.000 0.003
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-02 1e-01 1 10 100
unitless

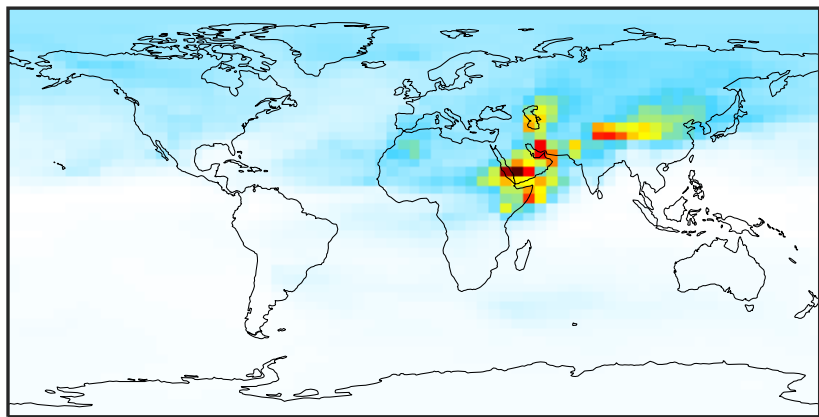
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

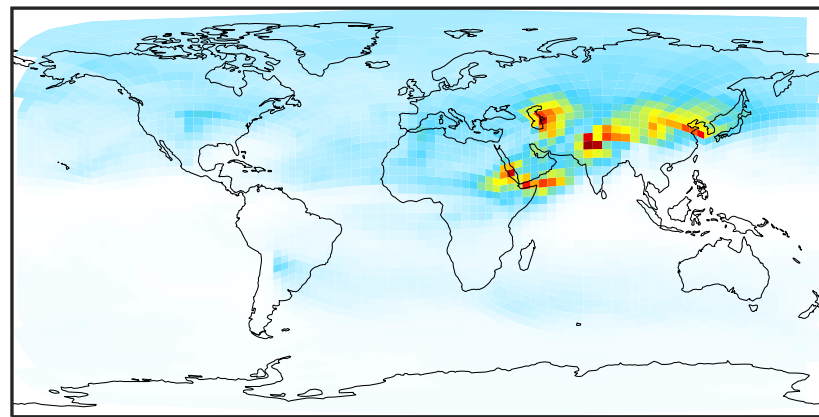
SpeciesConcVV_NH4

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



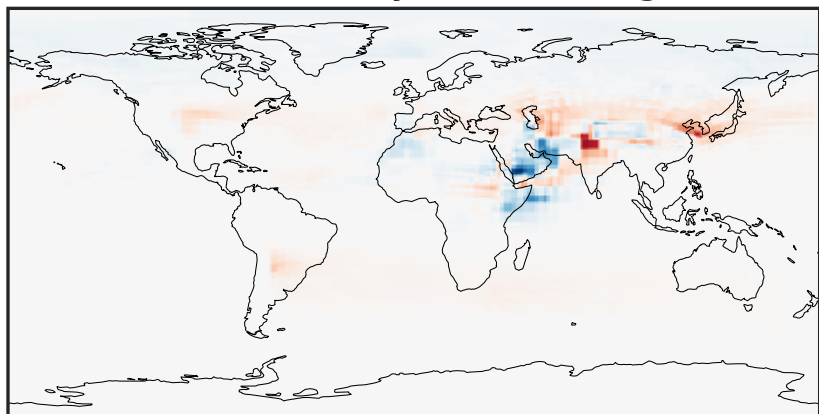
0.0006 0.1520 0.3033 0.4547 0.6060
ppb

Cloud-J in 14.3.0 (Dev)
c24



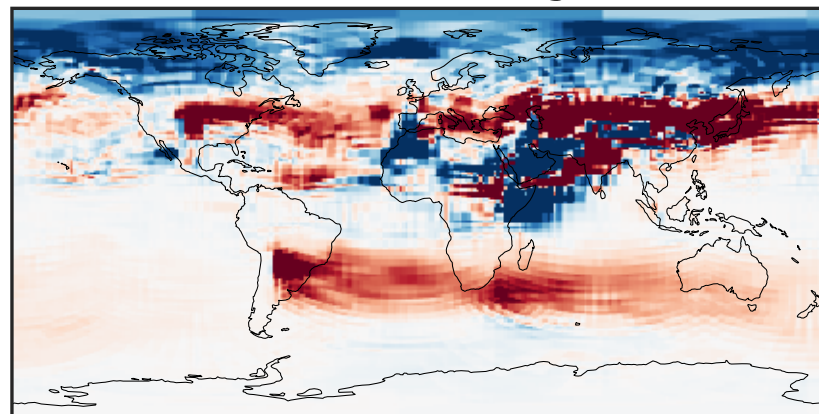
0.0006 0.1520 0.3033 0.4547 0.6060
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



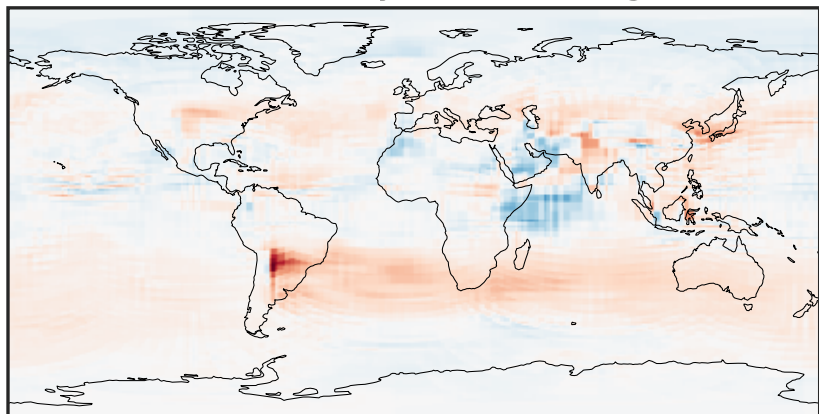
-0.4358 -0.2179 0.0000 0.2179 0.4358
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



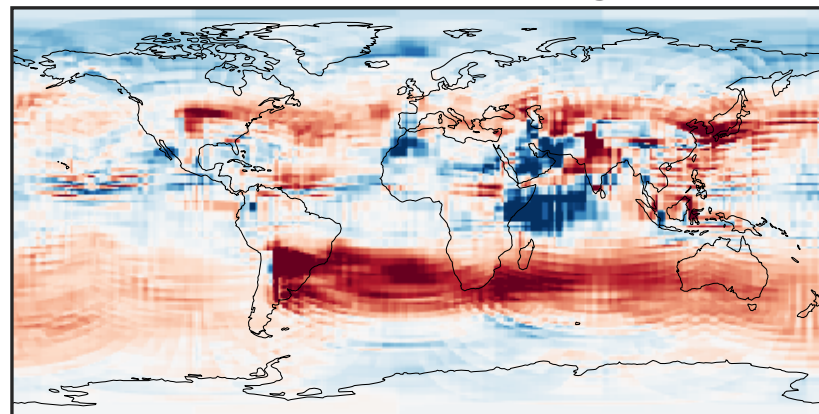
-0.015 0.000 0.015
ppb

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

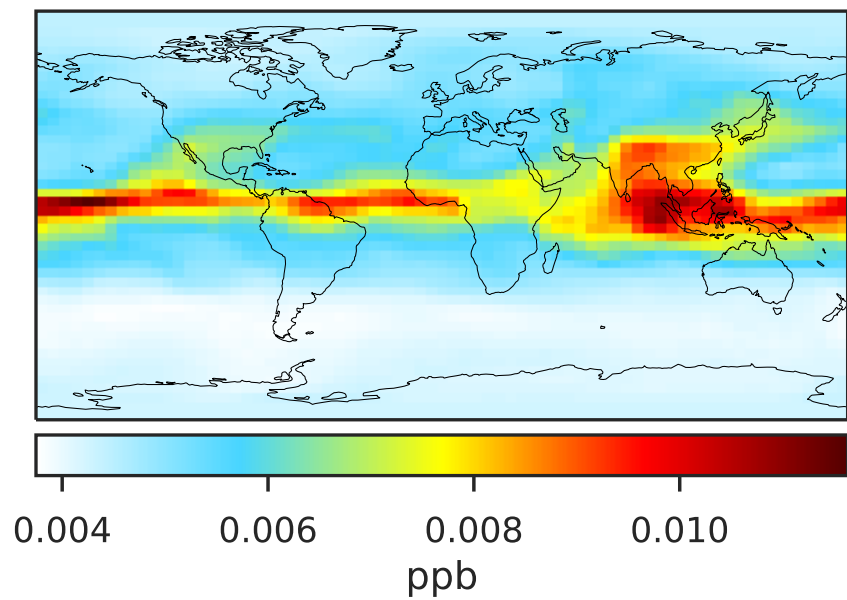
Ratio (1x1.25)
Dev/Ref, Fixed Range



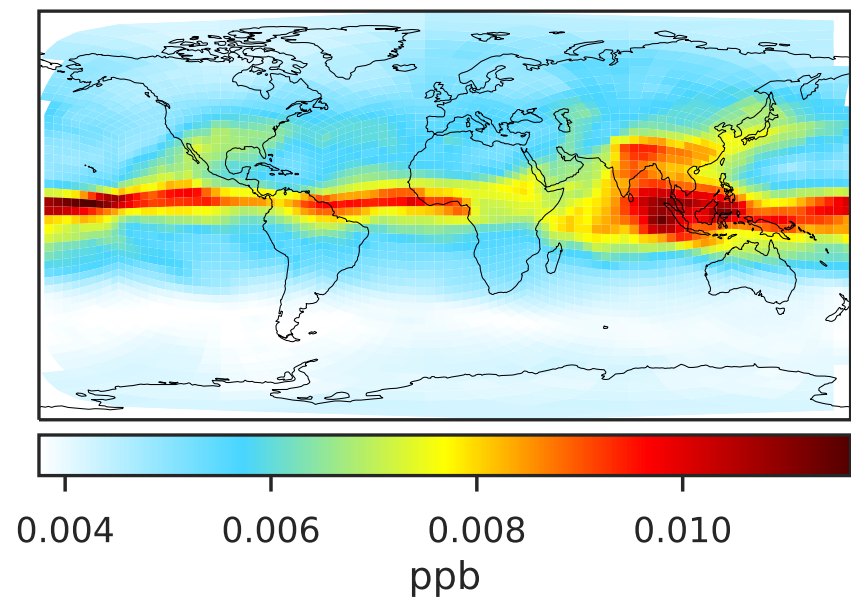
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MENO3

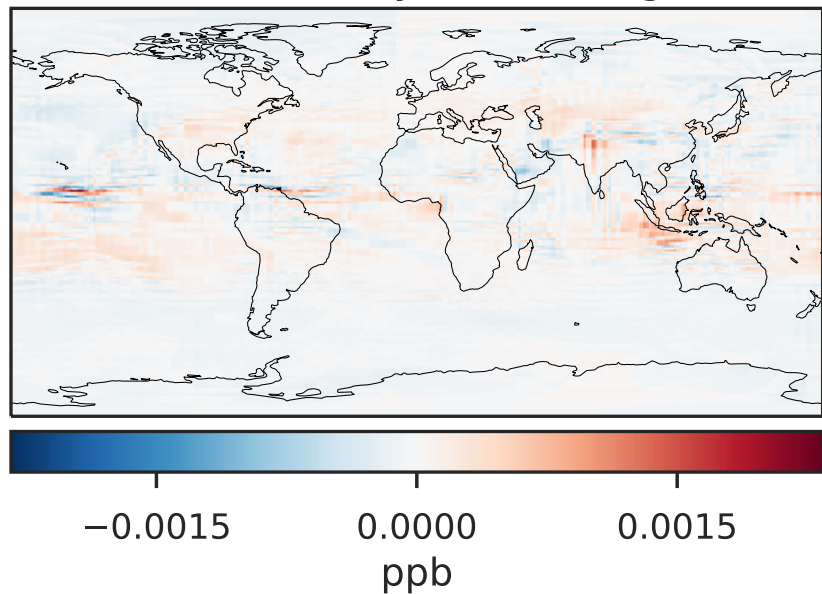
Cloud-J in 14.3.0 (Ref)
4.0x5.0



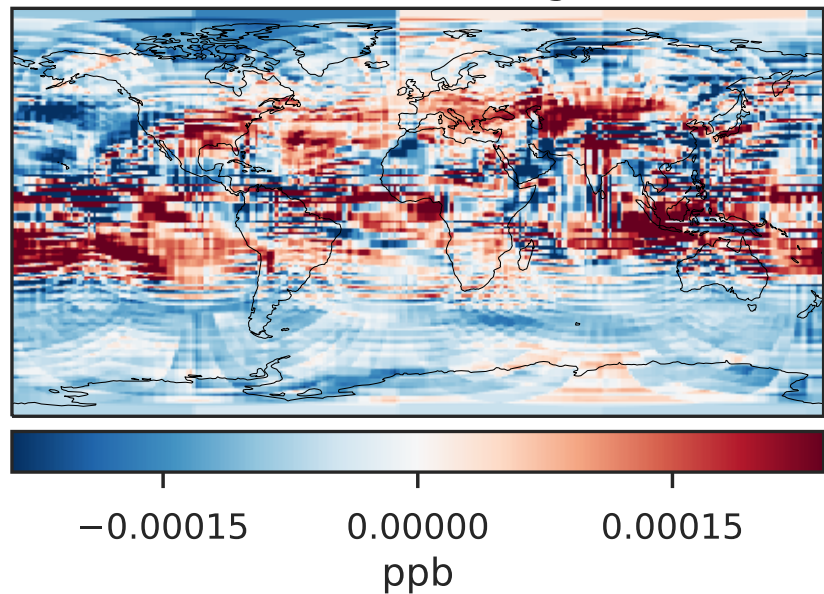
Cloud-J in 14.3.0 (Dev)
c24



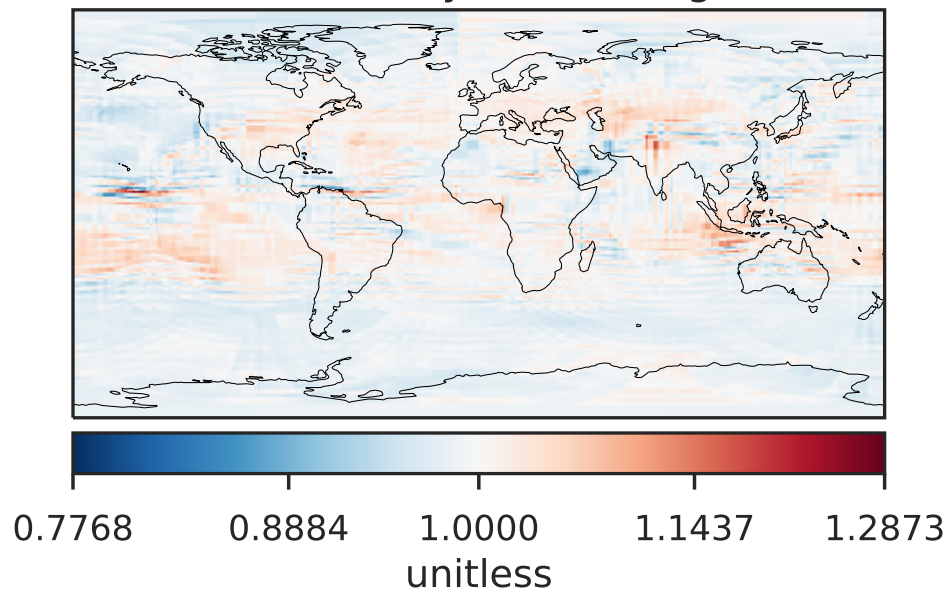
Difference (1x1.25)
Dev - Ref, Dynamic Range



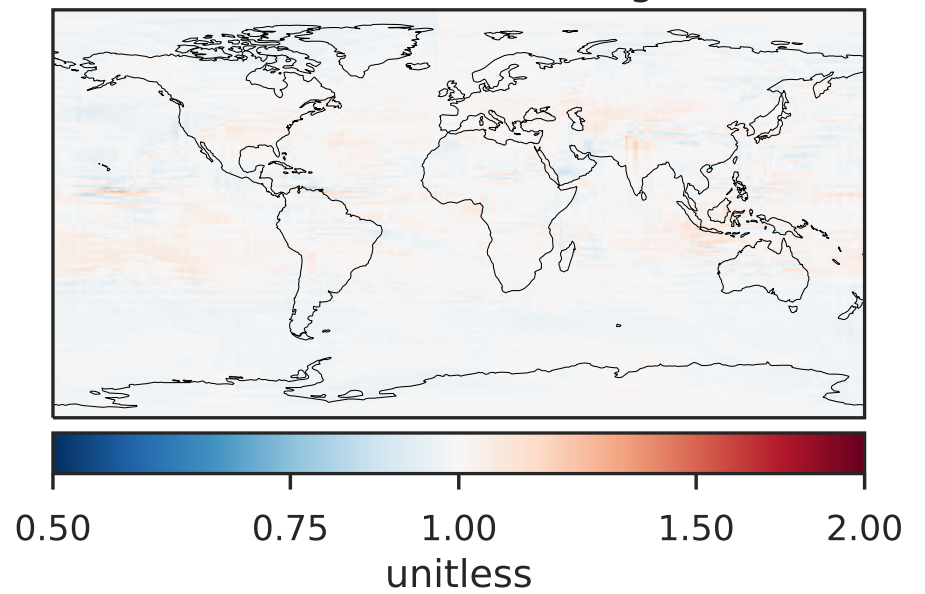
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

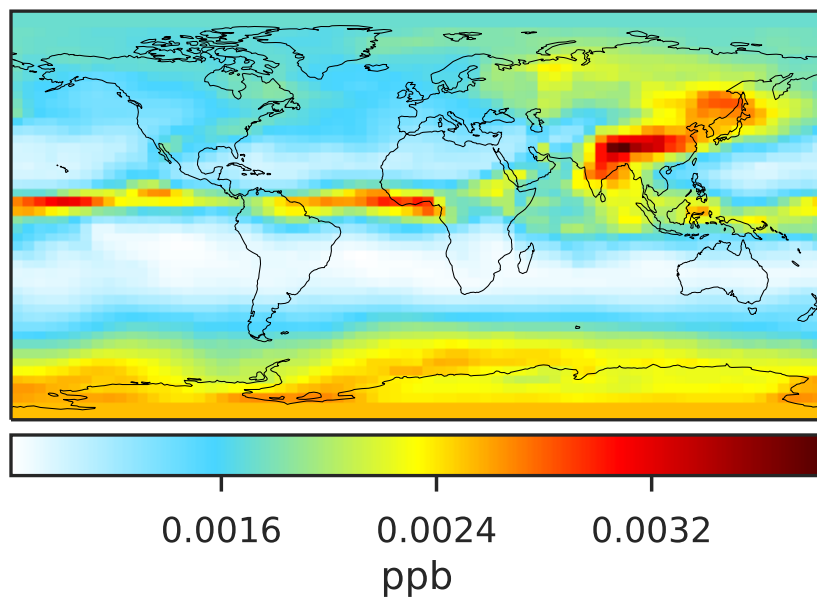


Ratio (1x1.25)
Dev/Ref, Fixed Range

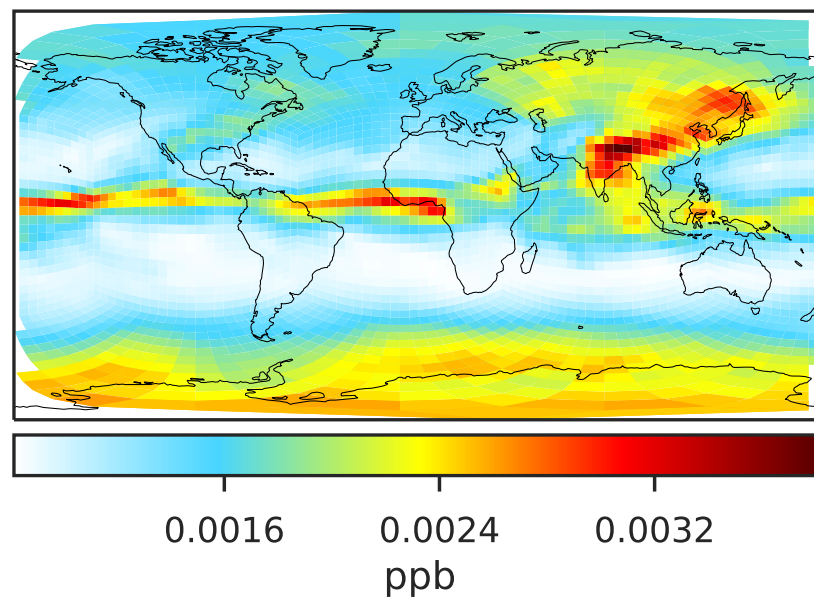


SpeciesConcVV_ETNO3

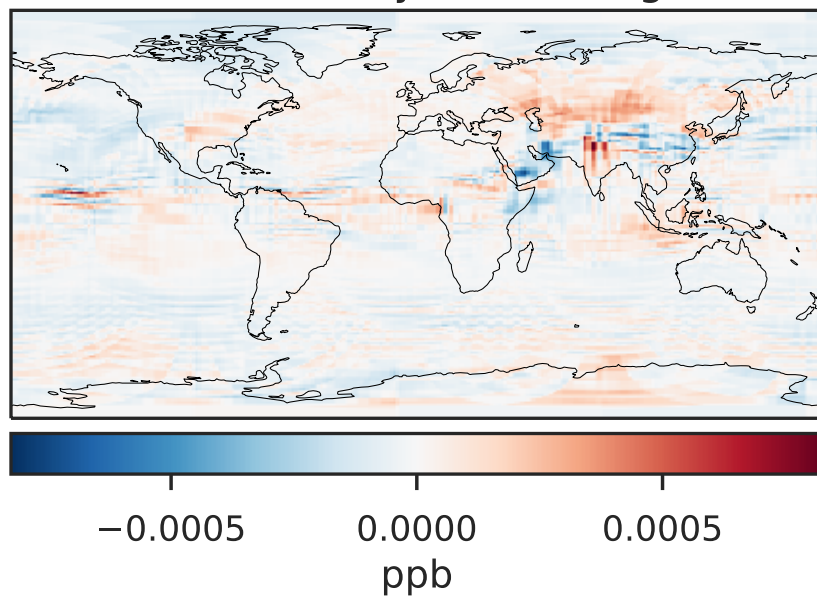
Cloud-J in 14.3.0 (Ref)
4.0x5.0



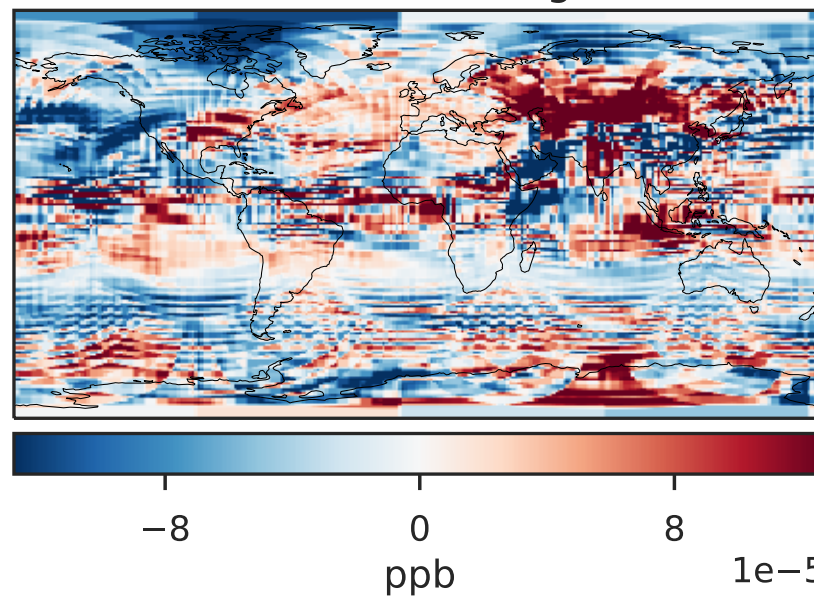
Cloud-J in 14.3.0 (Dev)
c24



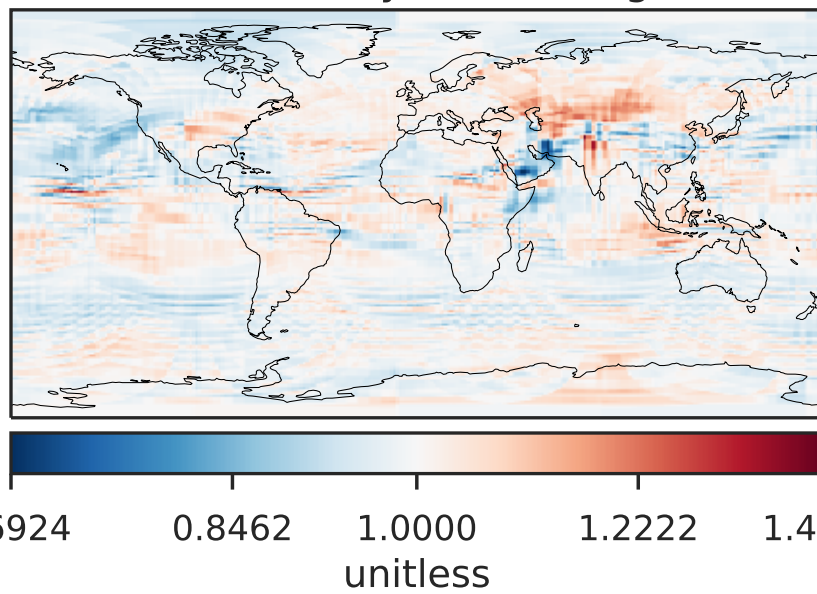
Difference (1x1.25)
Dev - Ref, Dynamic Range



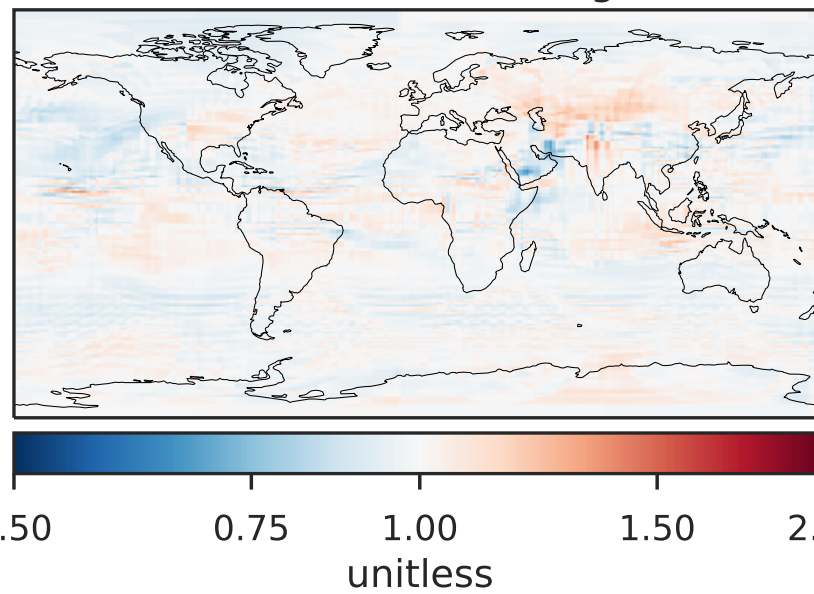
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

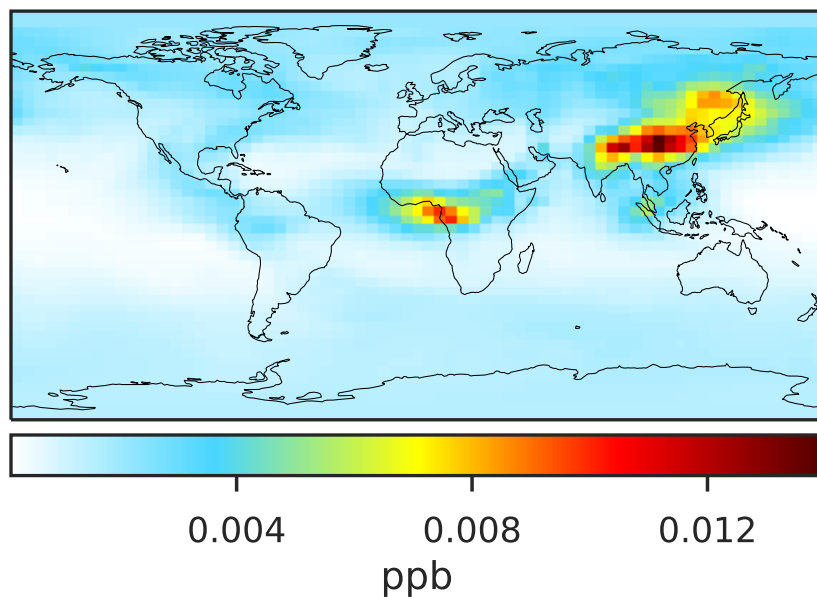


Ratio (1x1.25)
Dev/Ref, Fixed Range

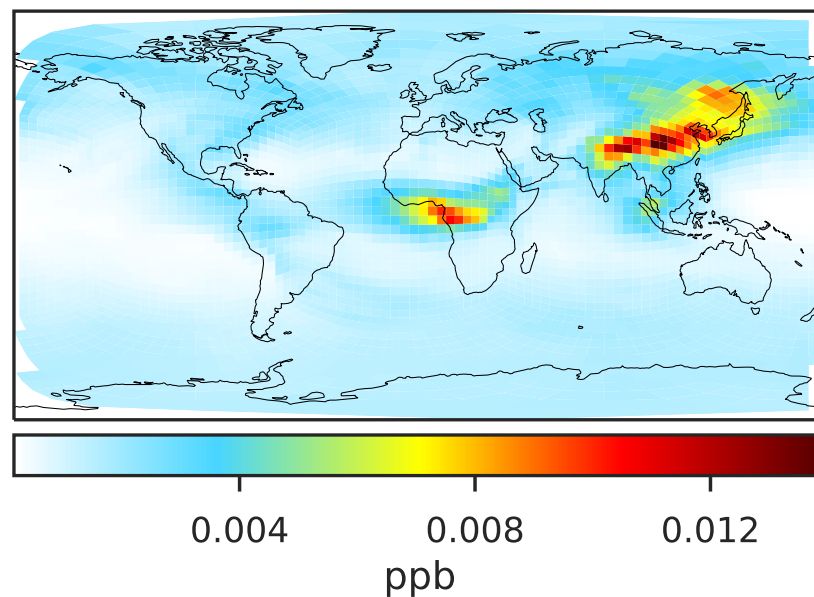


SpeciesConcVV_IPRNO3

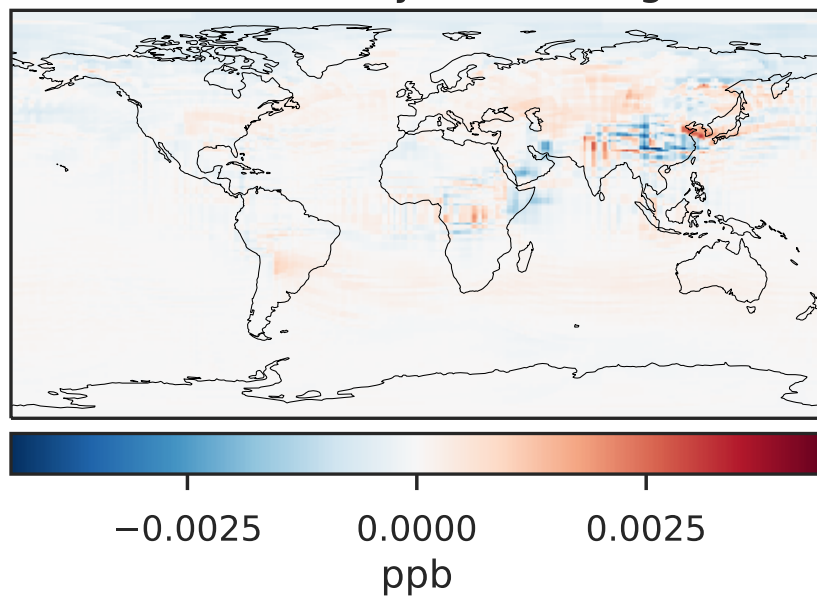
Cloud-J in 14.3.0 (Ref)
4.0x5.0



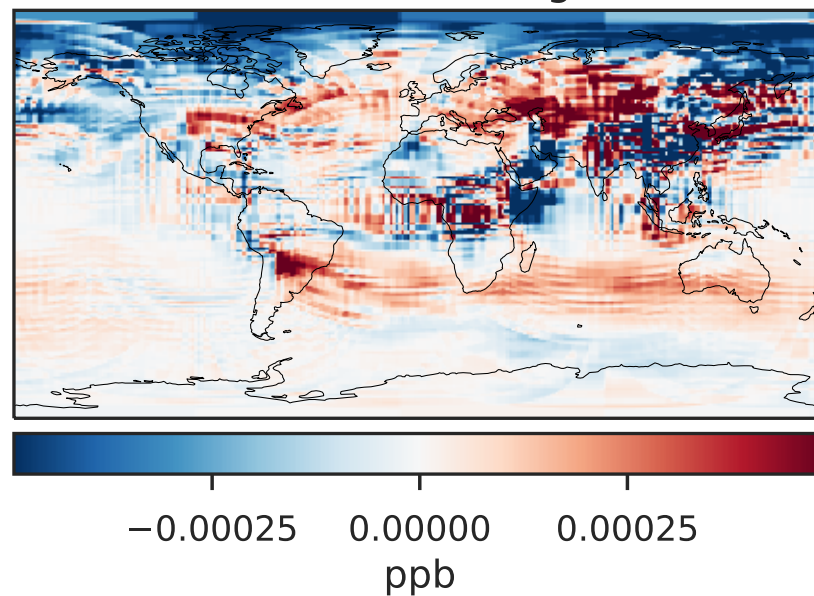
Cloud-J in 14.3.0 (Dev)
c24



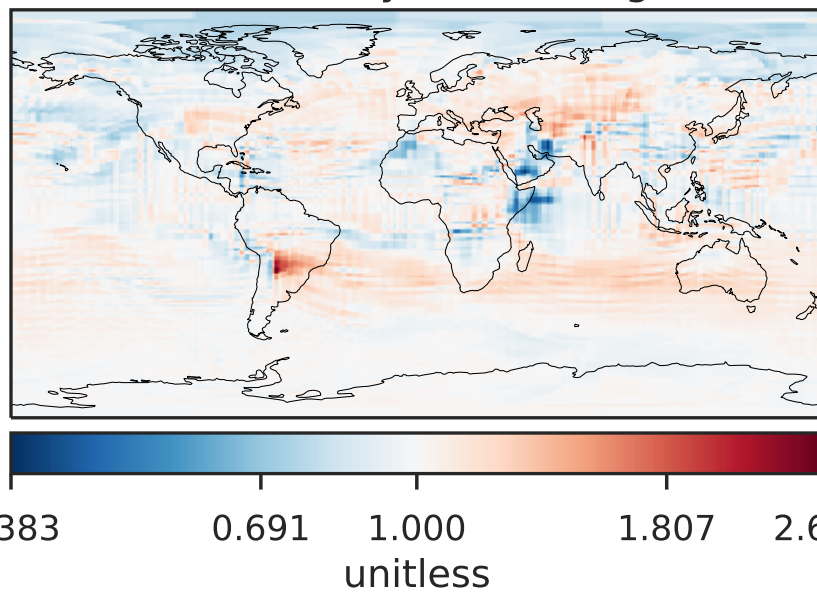
Difference (1x1.25)
Dev - Ref, Dynamic Range



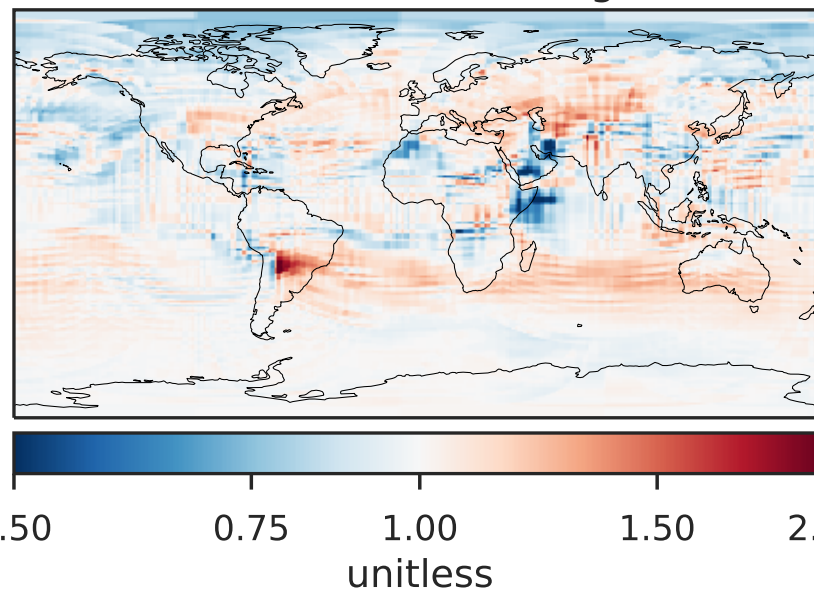
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

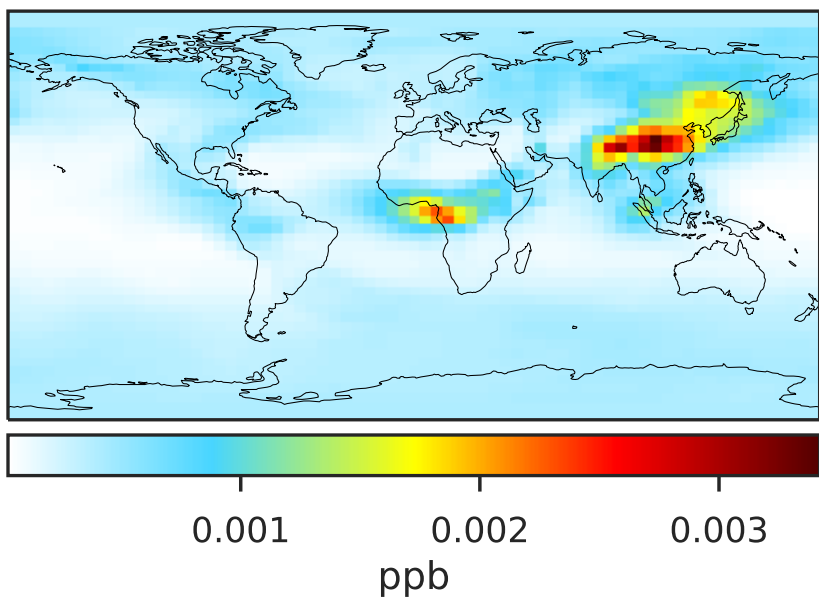


Ratio (1x1.25)
Dev/Ref, Fixed Range

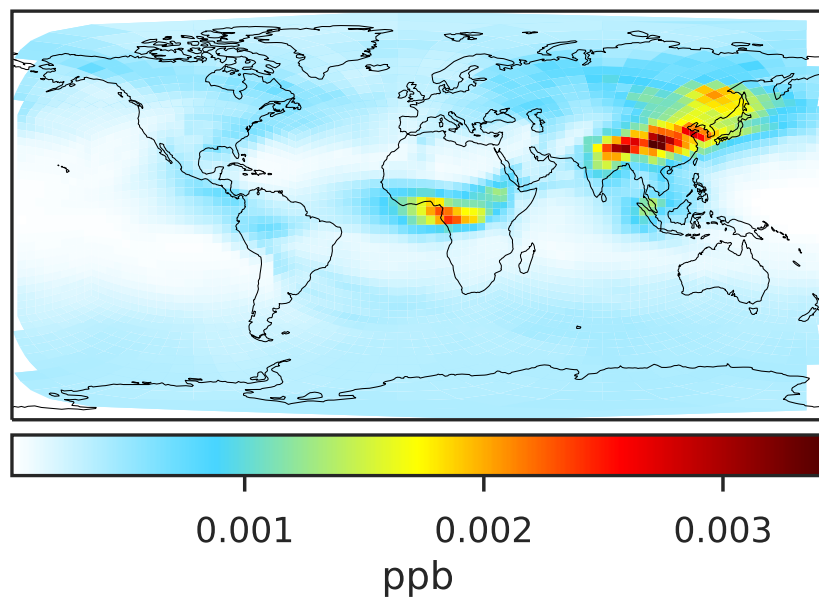


SpeciesConcVW_NPRNO3

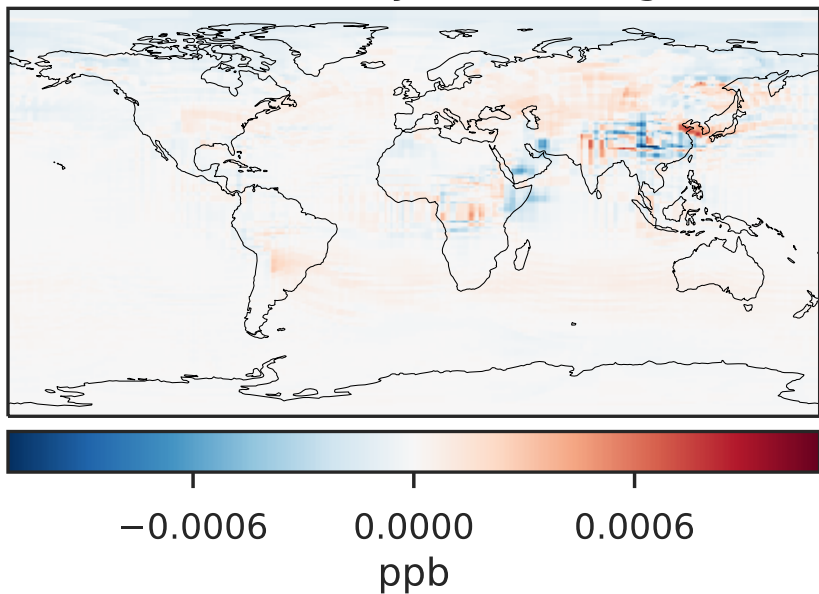
Cloud-J in 14.3.0 (Ref)
4.0x5.0



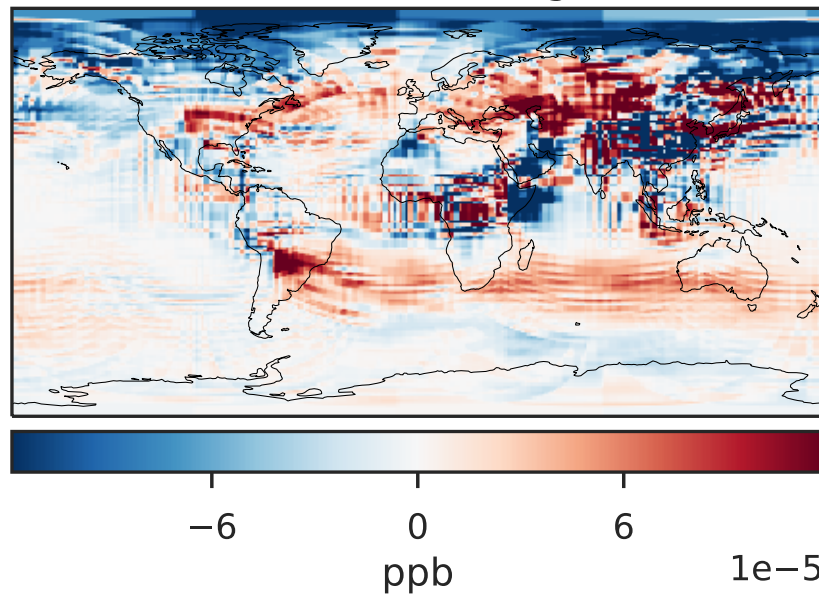
Cloud-J in 14.3.0 (Dev)
c24



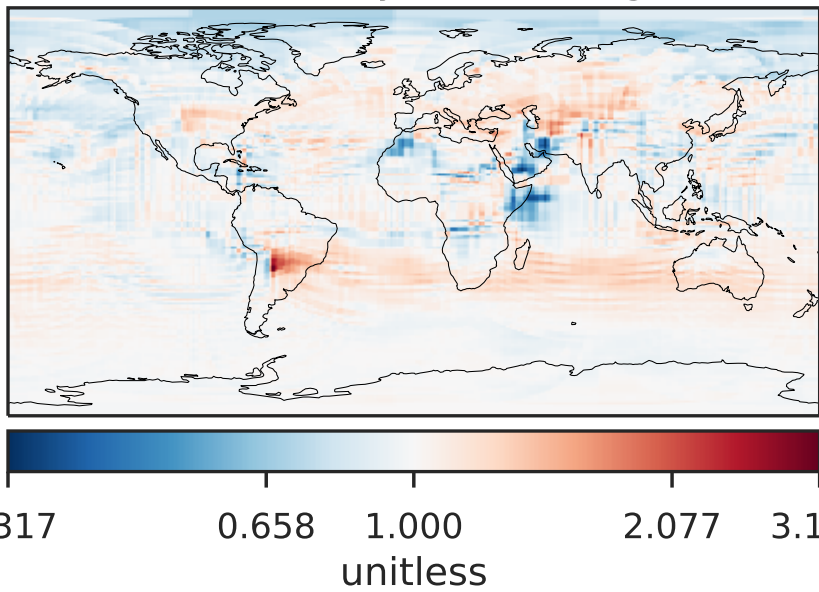
Difference (1x1.25)
Dev - Ref, Dynamic Range



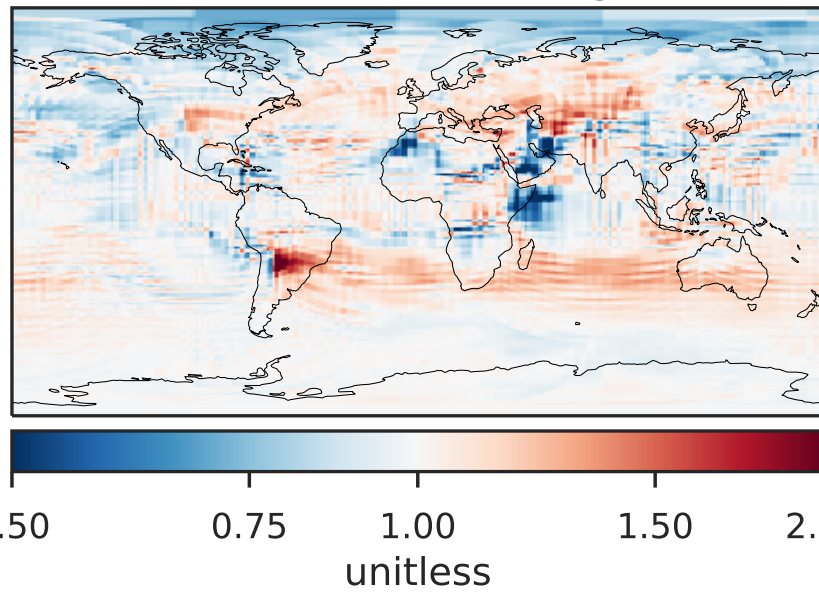
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

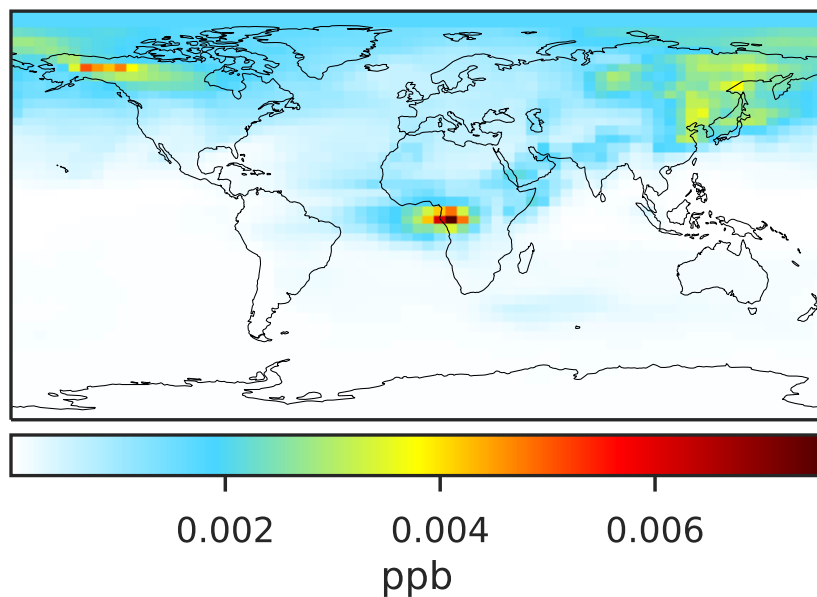


Ratio (1x1.25)
Dev/Ref, Fixed Range

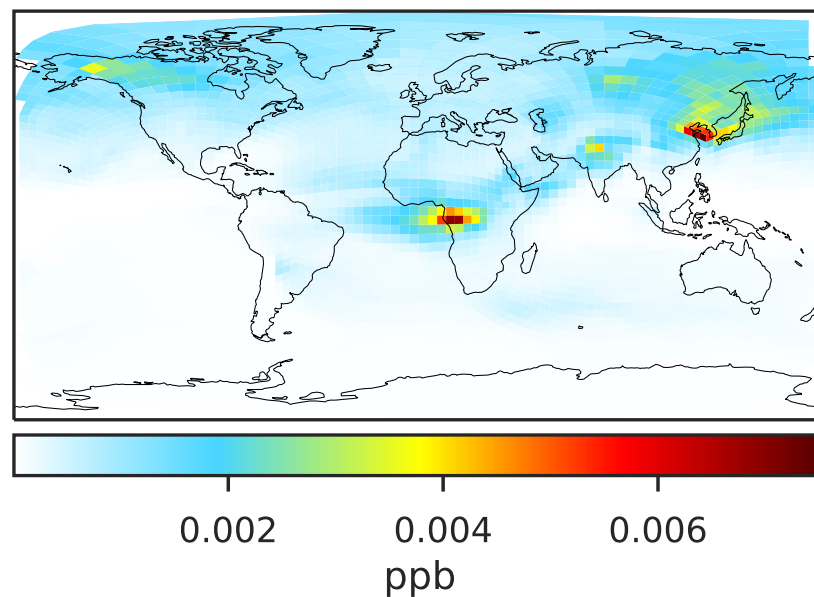


SpeciesConcVW_AONITA

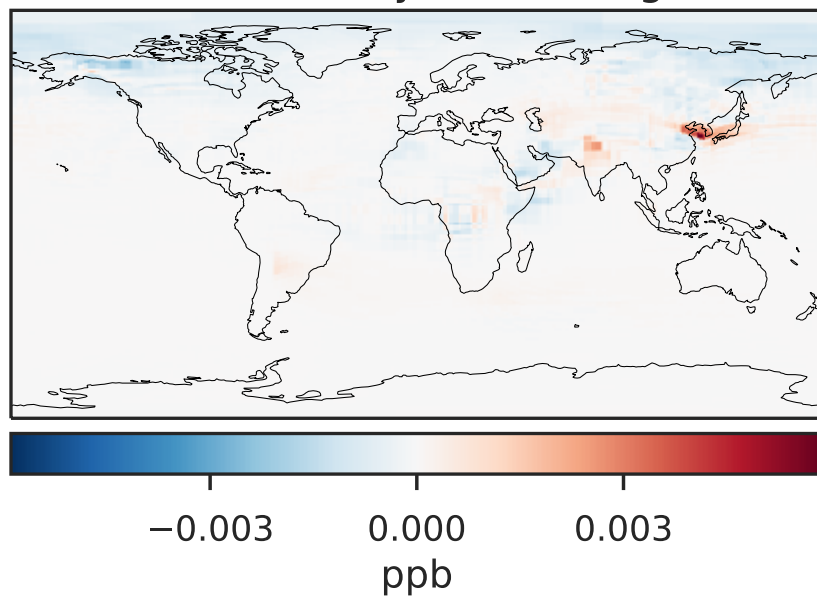
Cloud-J in 14.3.0 (Ref)
4.0x5.0



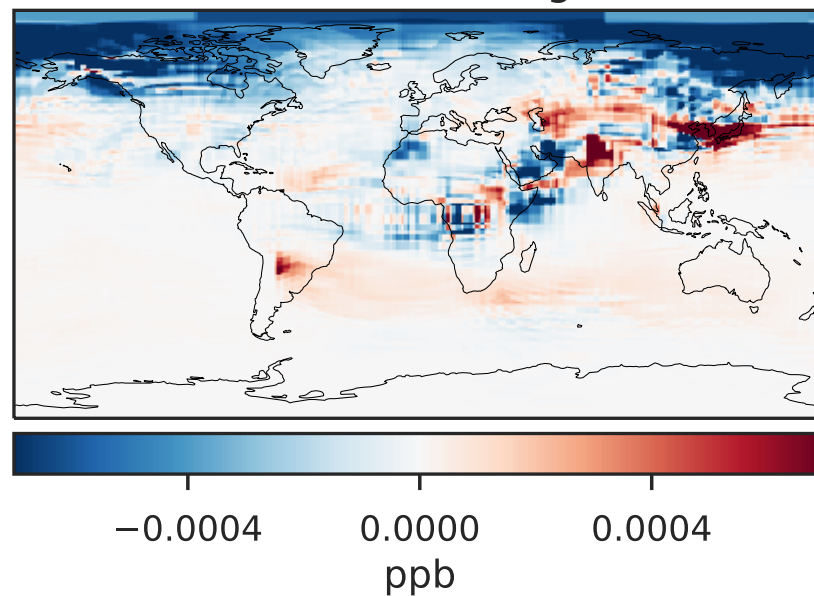
Cloud-J in 14.3.0 (Dev)
c24



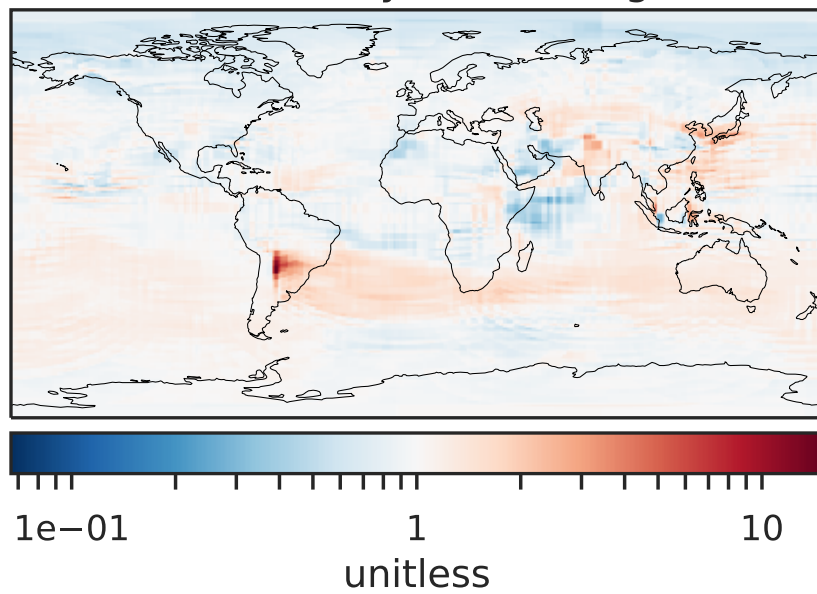
Difference (1x1.25)
Dev - Ref, Dynamic Range



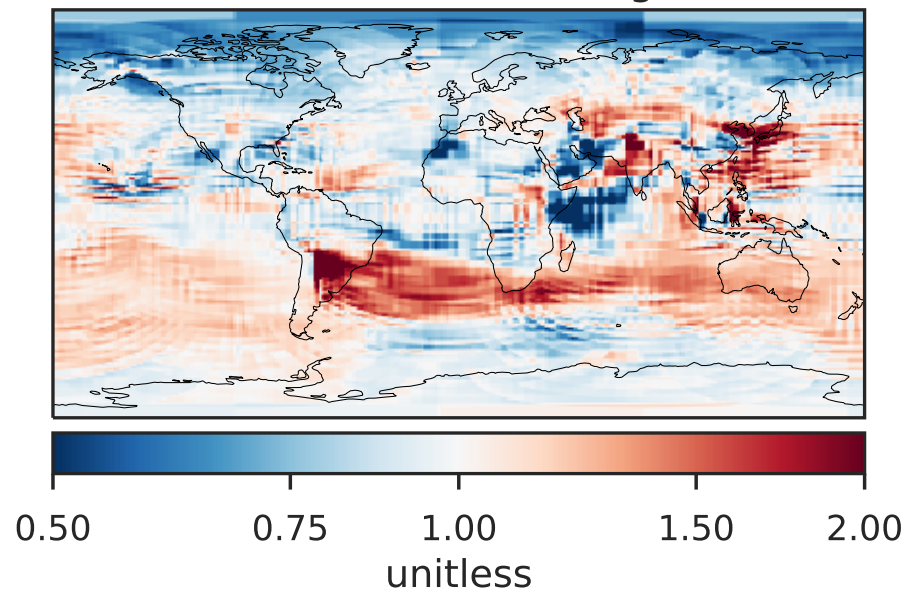
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

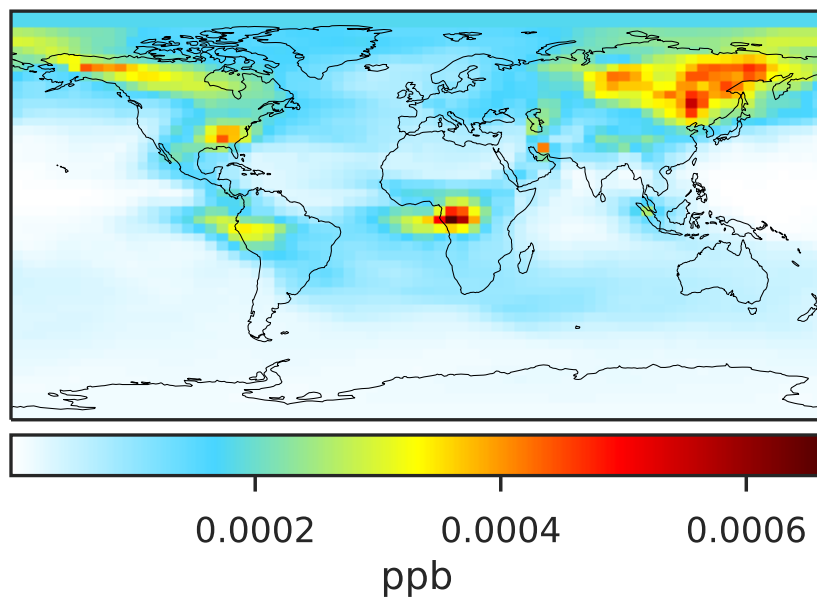


Ratio (1x1.25)
Dev/Ref, Fixed Range

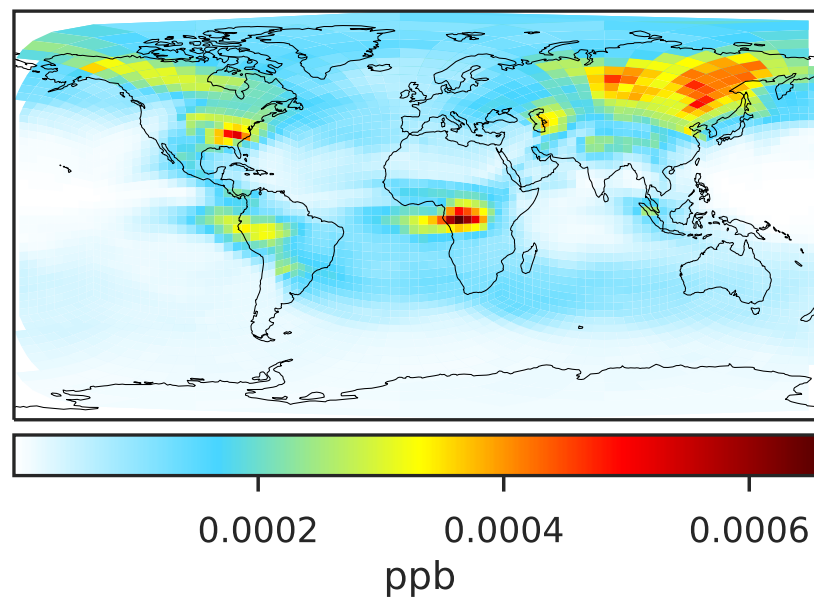


SpeciesConcVV_ETHN

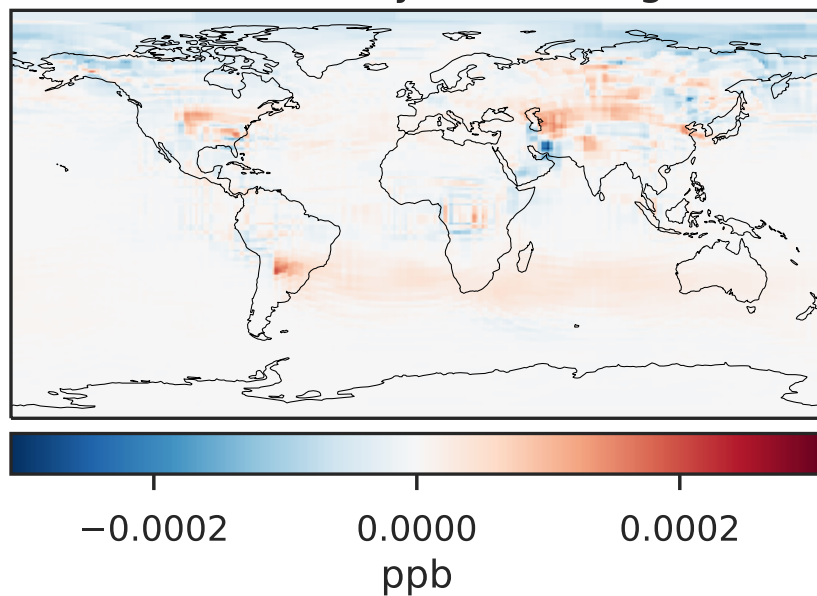
Cloud-J in 14.3.0 (Ref)
4.0x5.0



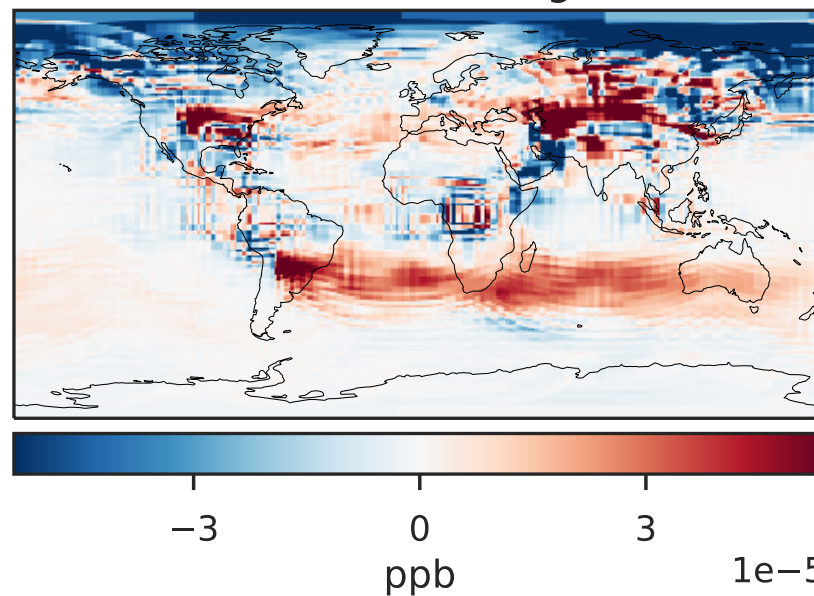
Cloud-J in 14.3.0 (Dev)
c24



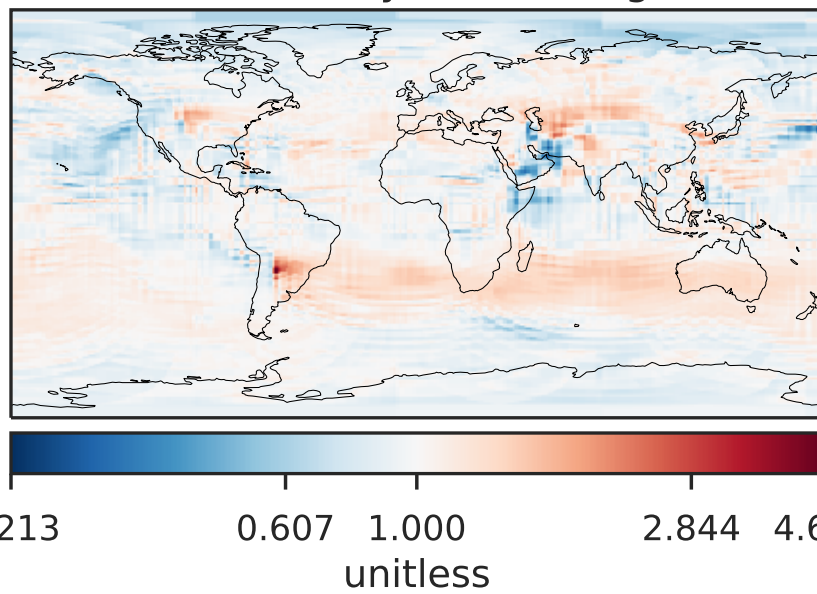
Difference (1x1.25)
Dev - Ref, Dynamic Range



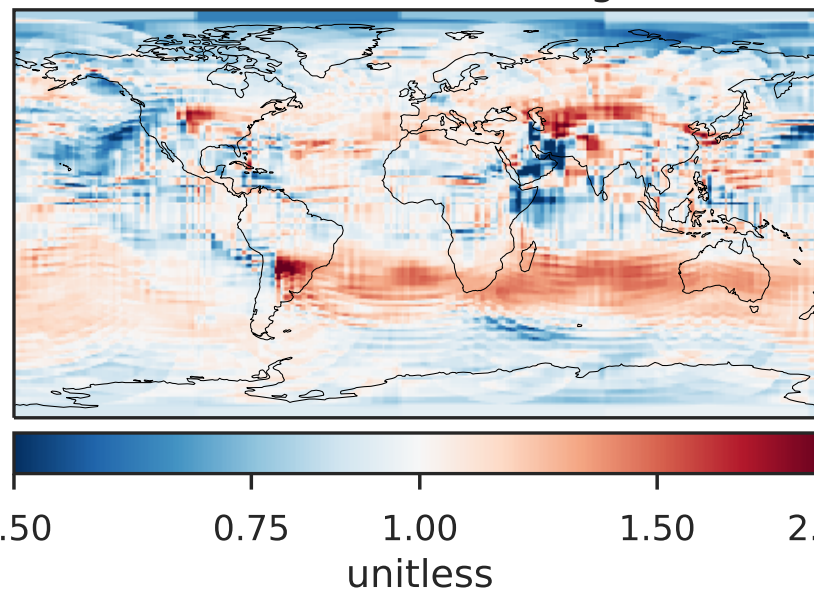
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

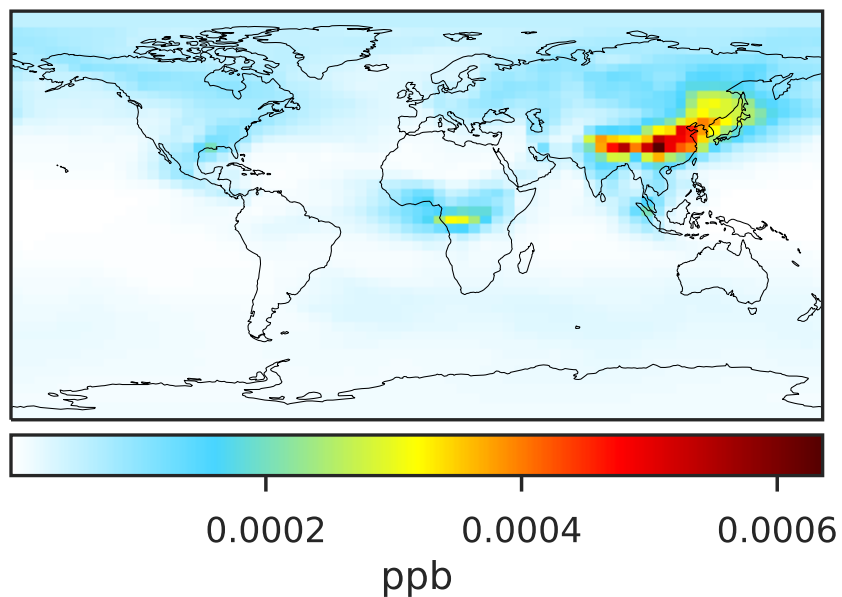


Ratio (1x1.25)
Dev/Ref, Fixed Range

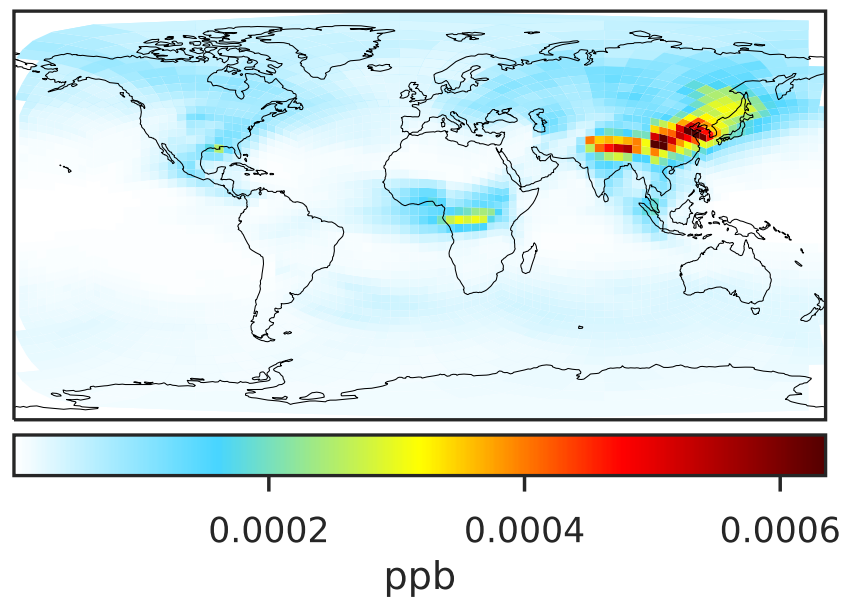


SpeciesConcVV_BZPAN

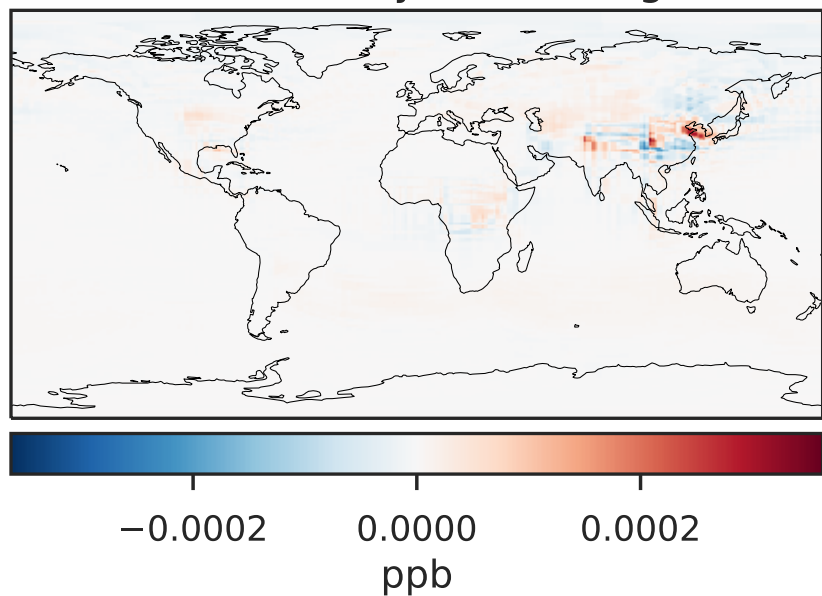
Cloud-J in 14.3.0 (Ref)
4.0x5.0



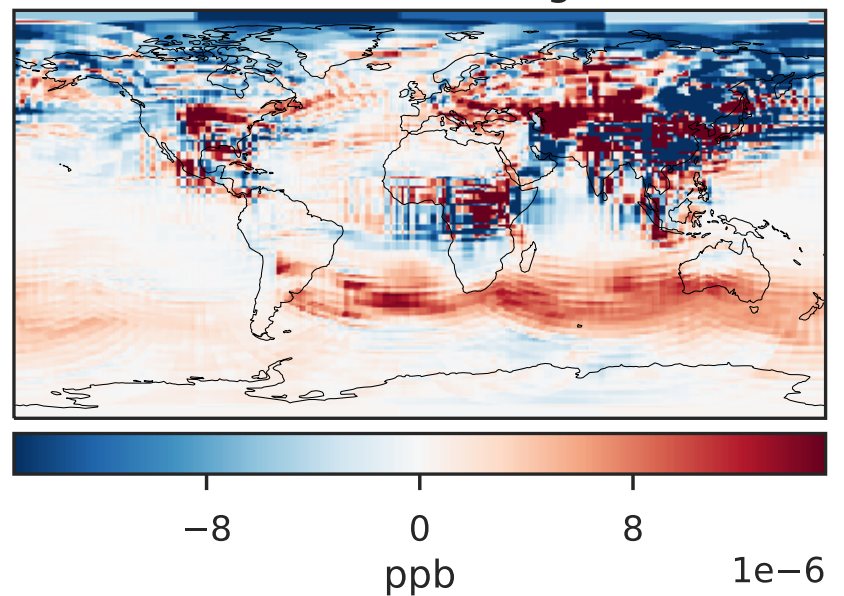
Cloud-J in 14.3.0 (Dev)
c24



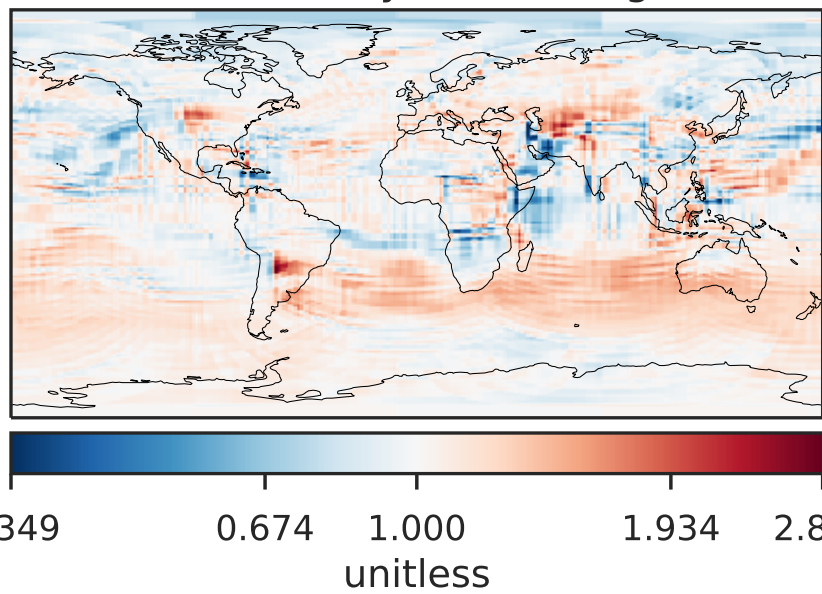
Difference (1x1.25)
Dev - Ref, Dynamic Range



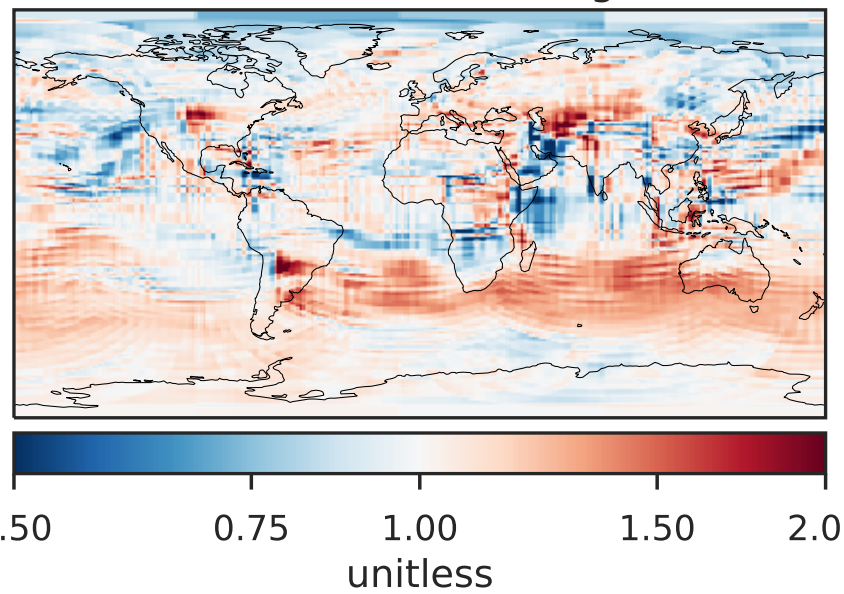
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

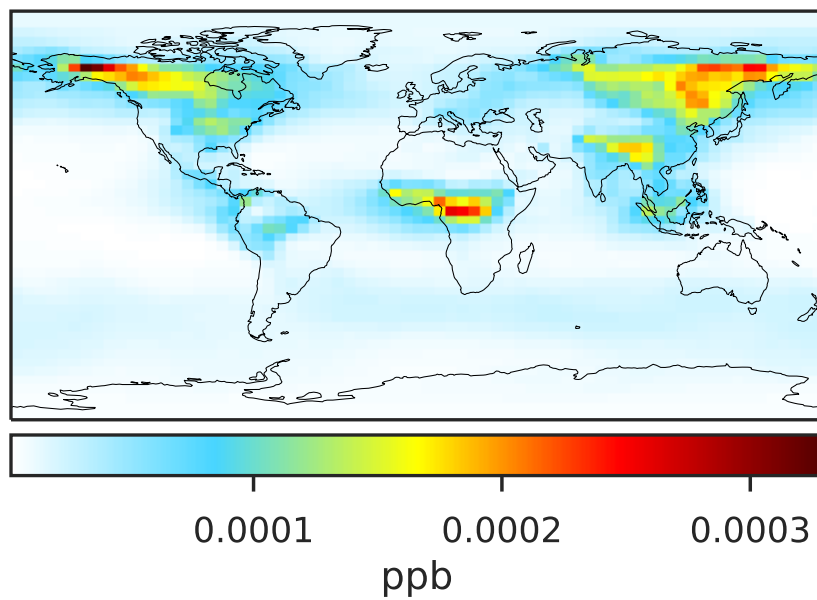


Ratio (1x1.25)
Dev/Ref, Fixed Range

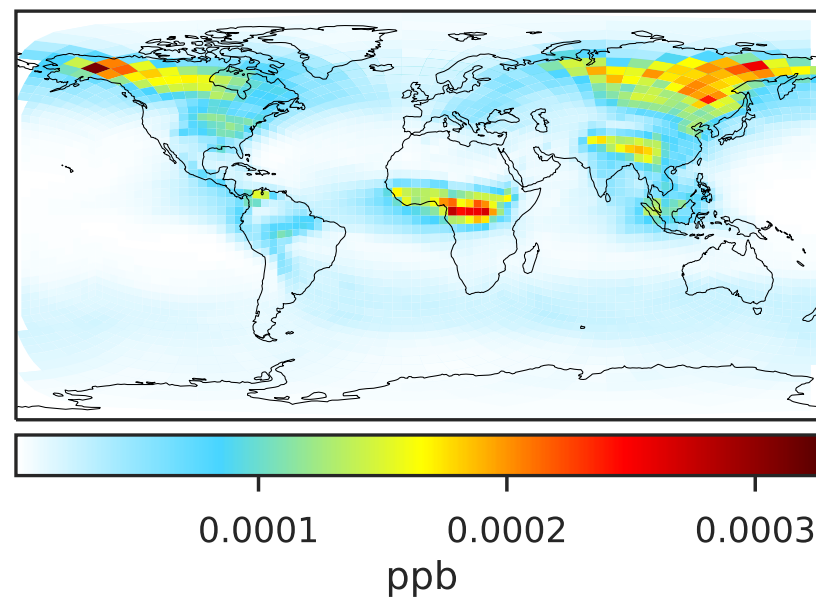


SpeciesConcVV_NPHEN

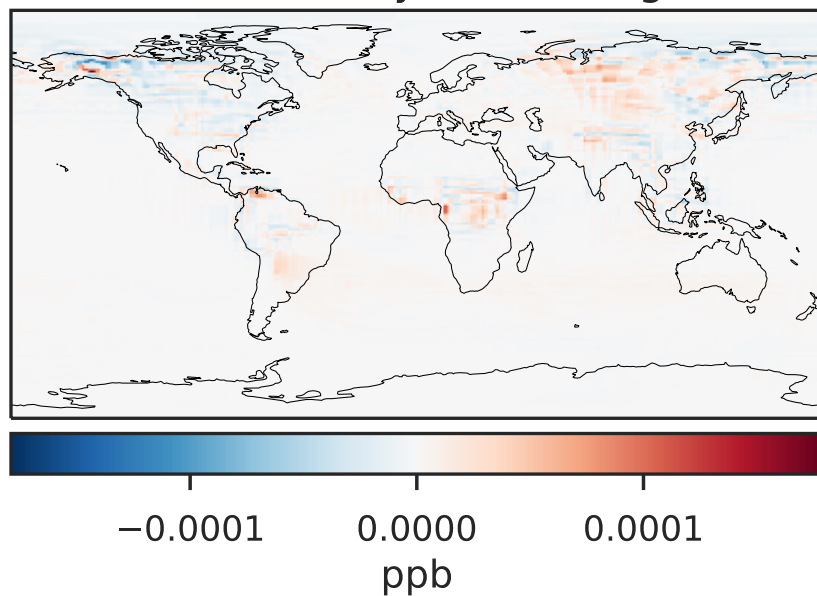
Cloud-J in 14.3.0 (Ref)
4.0x5.0



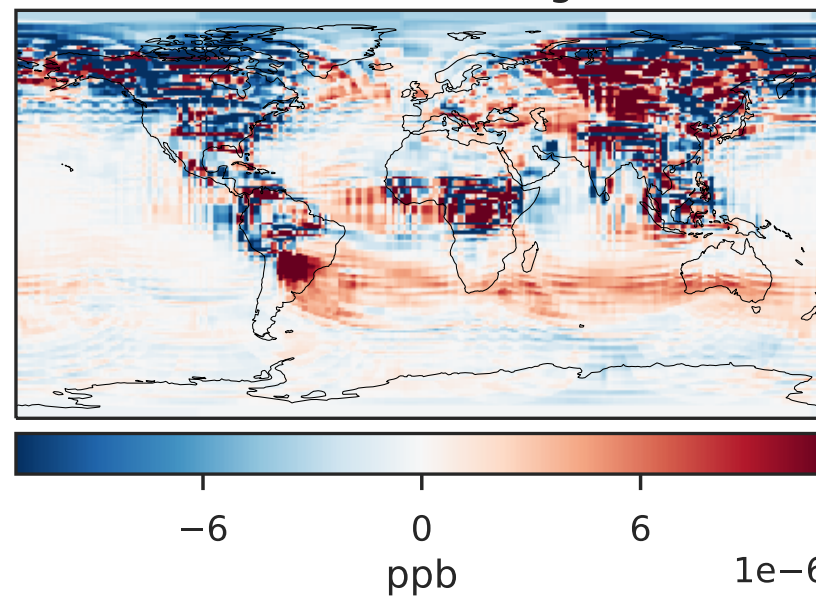
Cloud-J in 14.3.0 (Dev)
c24



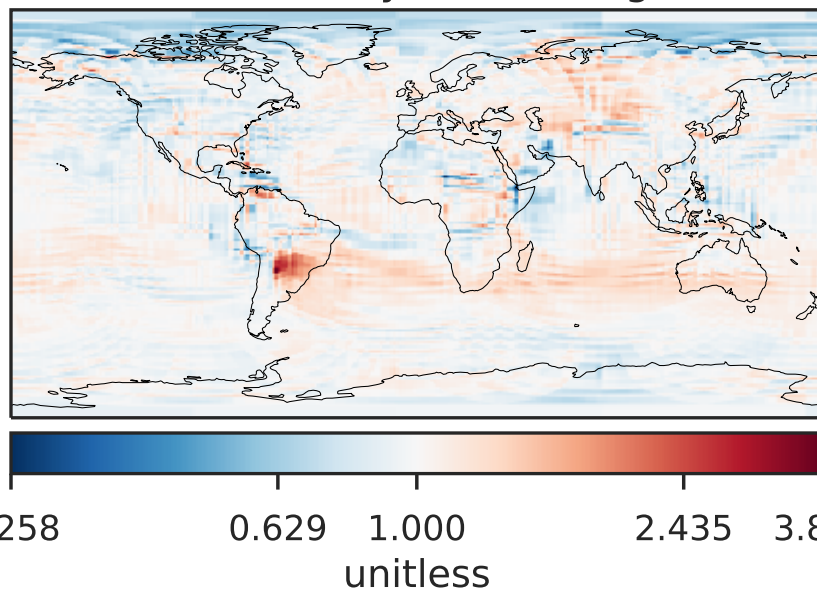
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

