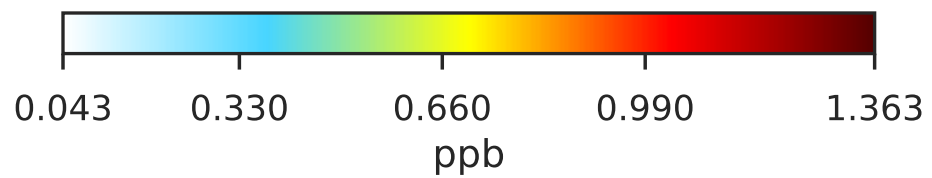
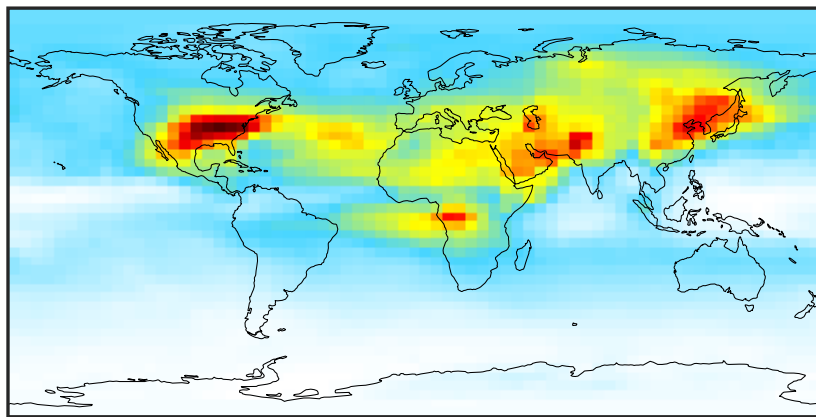
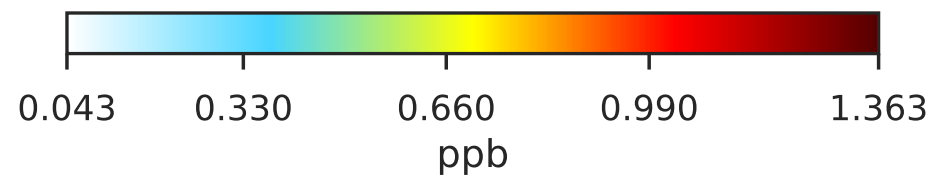
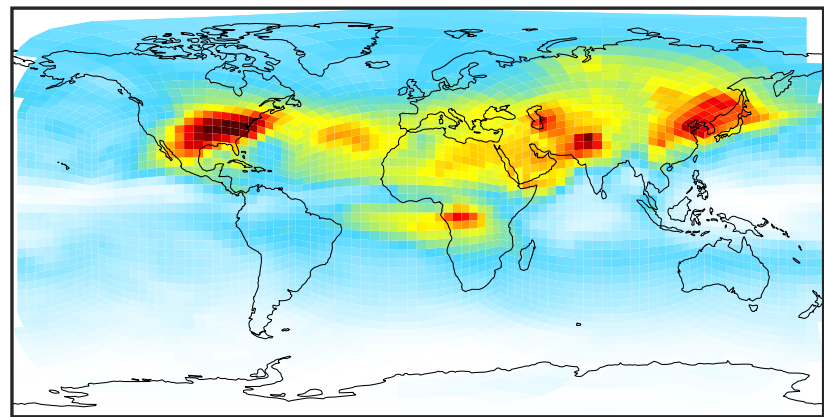


SpeciesConcVV_NOy

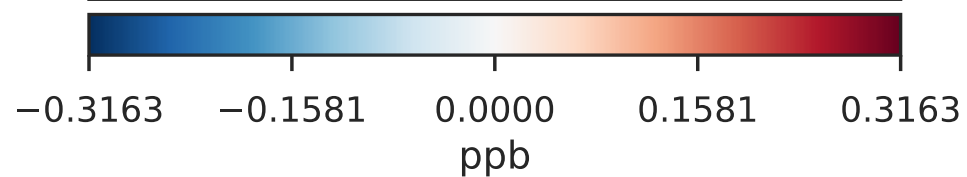
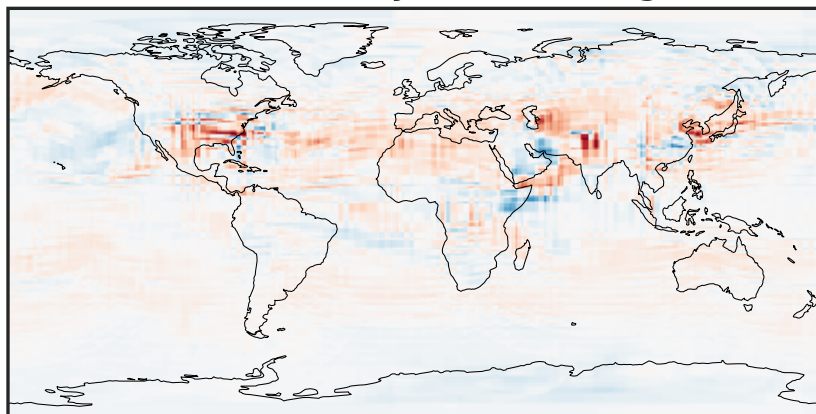
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



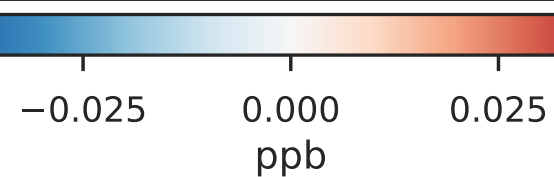
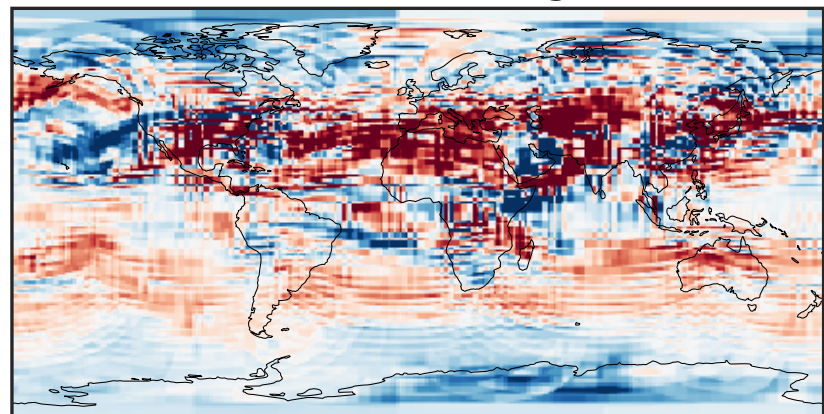
gchp-c24-1Mon-14.2.1 (Dev)
c24



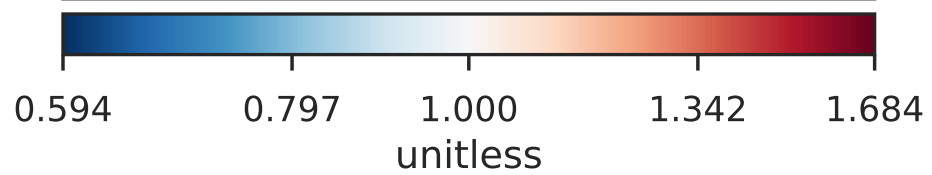
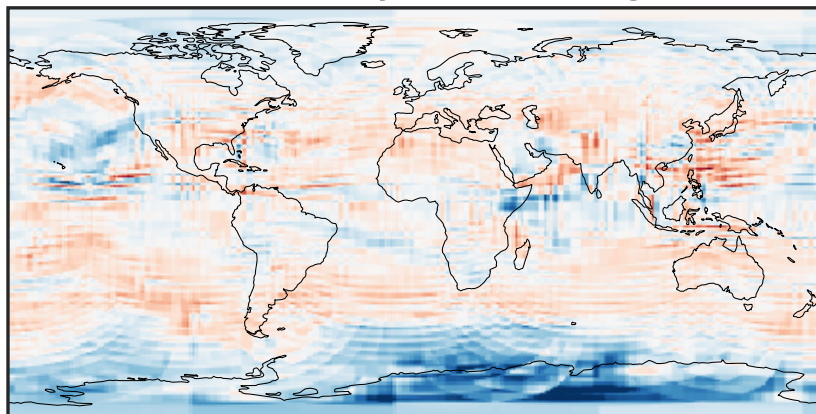
Difference (1x1.25)
Dev - Ref, Dynamic Range



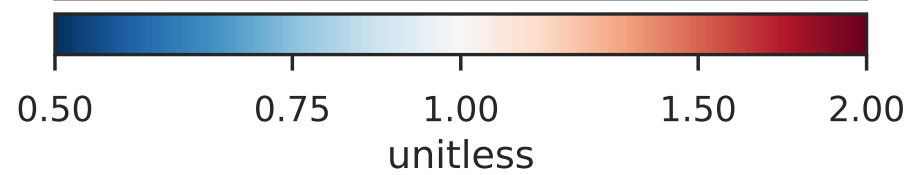
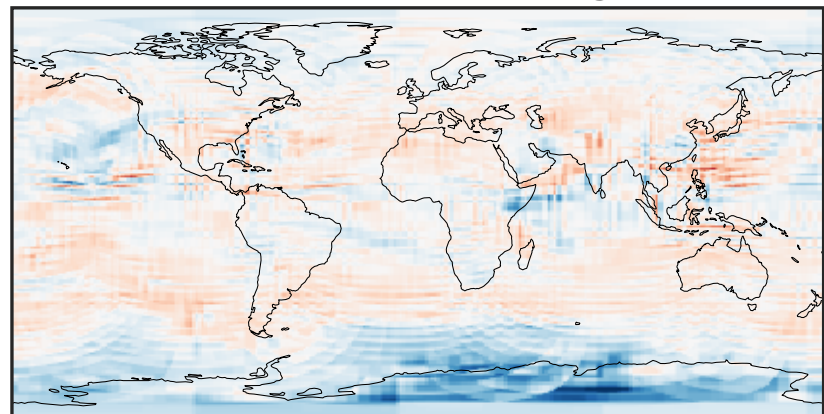
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

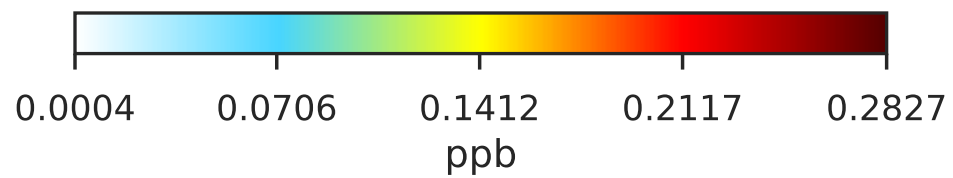
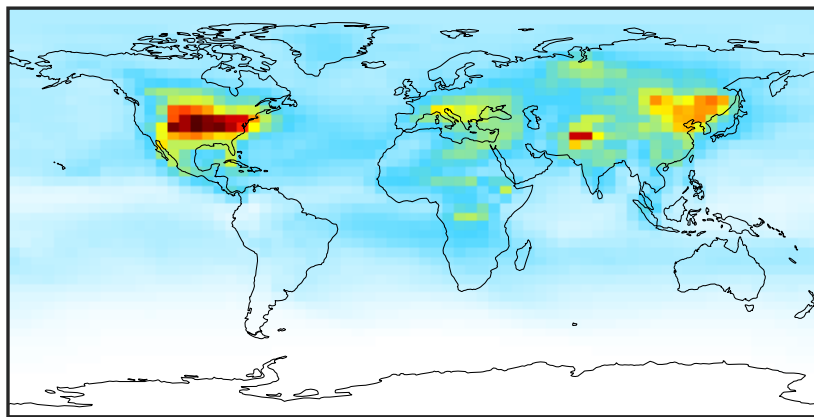


Ratio (1x1.25)
Dev/Ref, Fixed Range

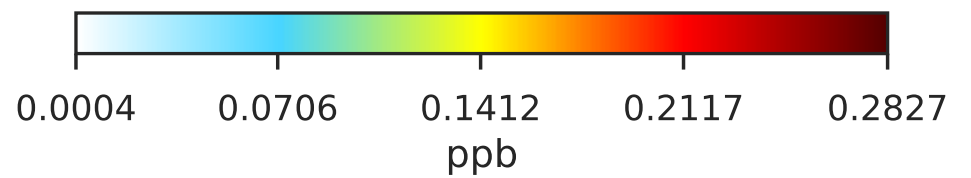
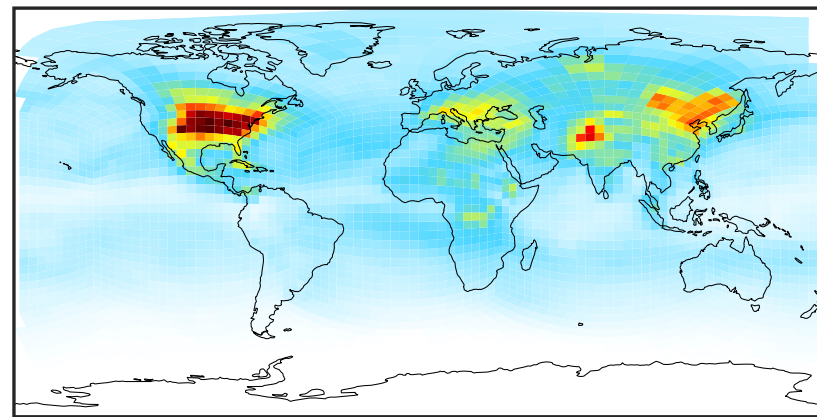


SpeciesConcVV_NOx

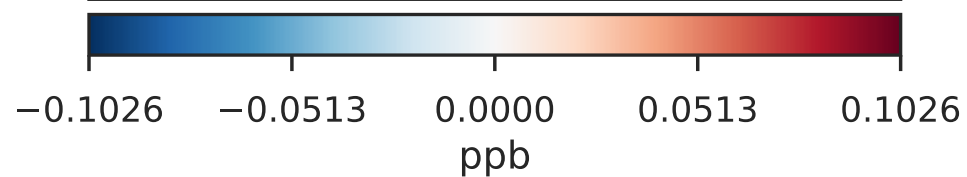
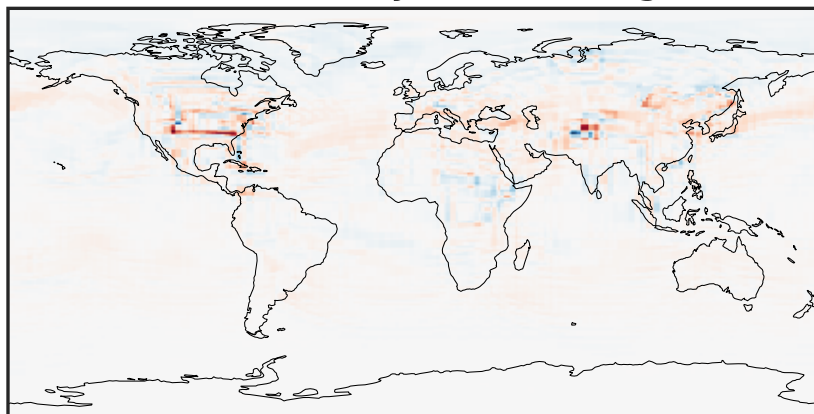
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



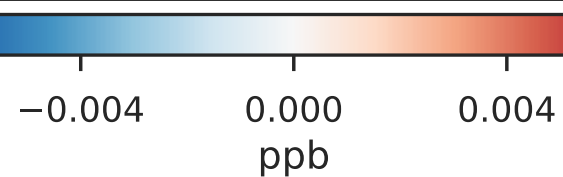
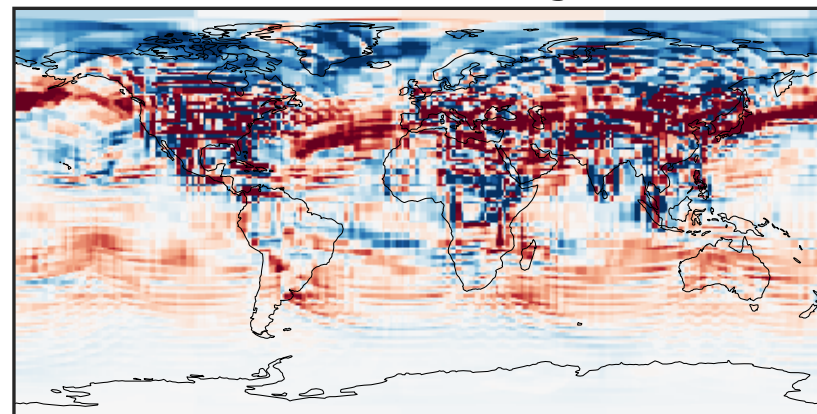
gchp-c24-1Mon-14.2.1 (Dev)
c24



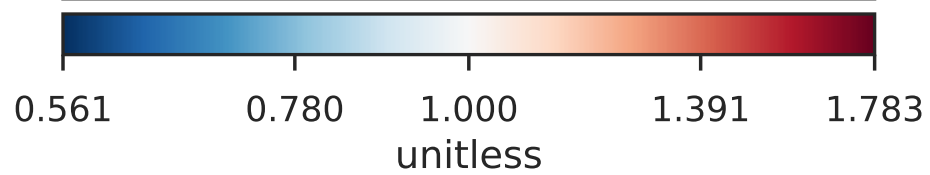
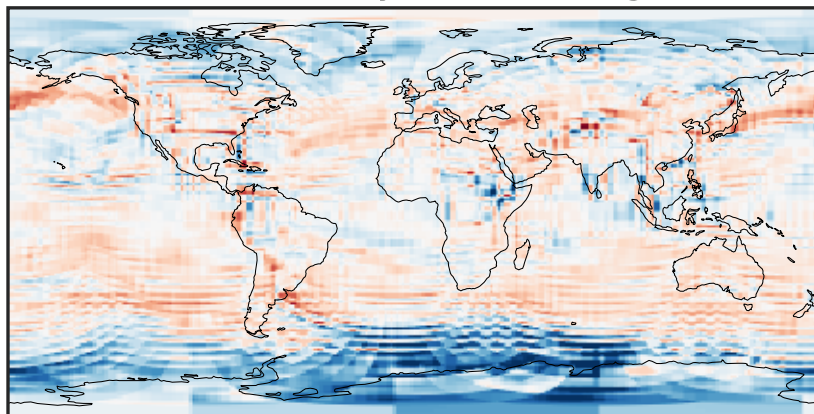
Difference (1x1.25)
Dev - Ref, Dynamic Range



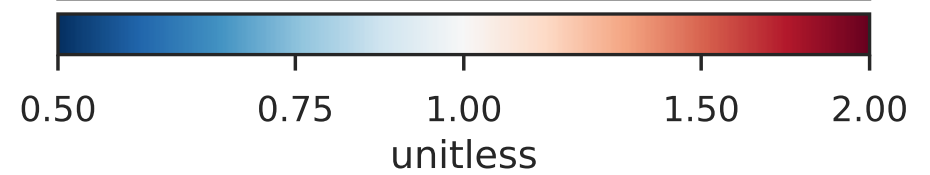
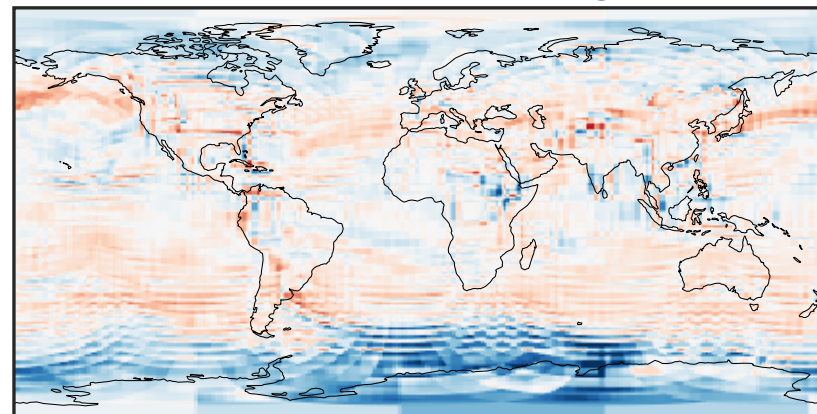
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

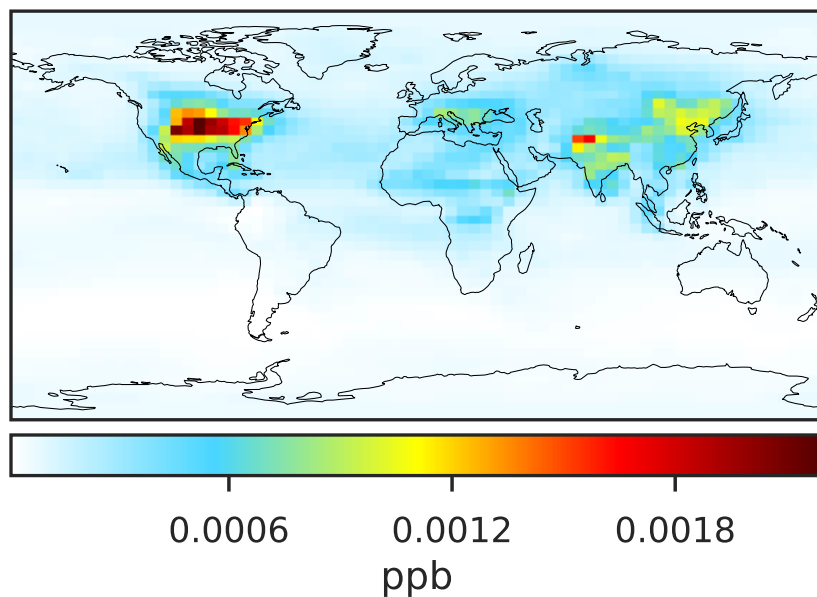


Ratio (1x1.25)
Dev/Ref, Fixed Range

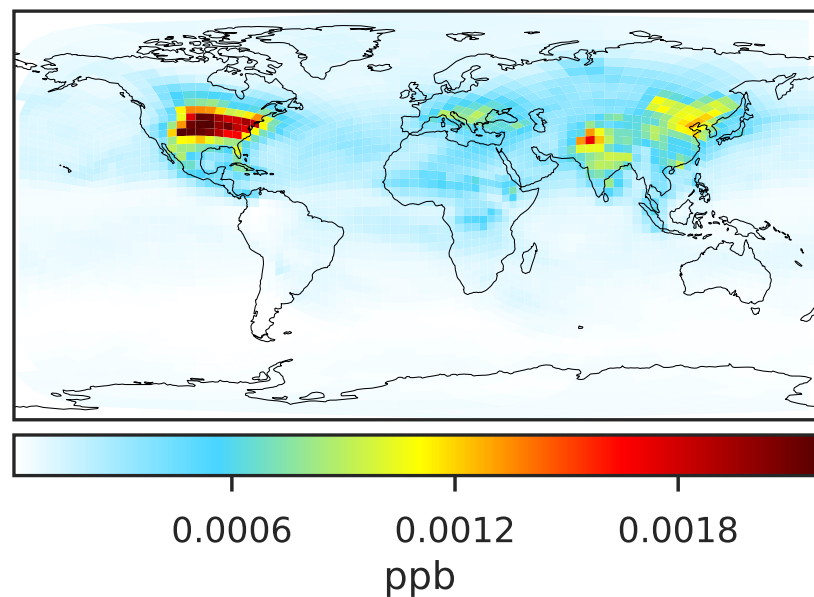


SpeciesConcVV_HNO2

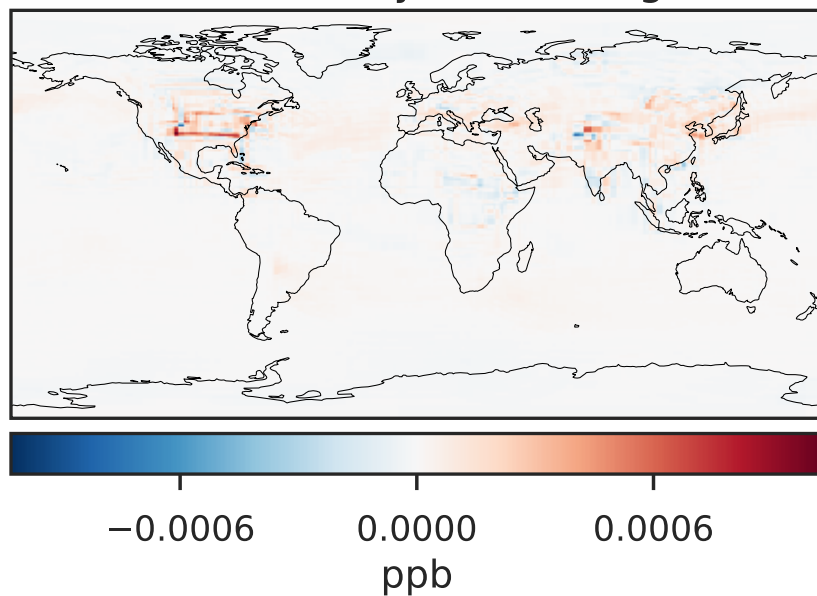
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



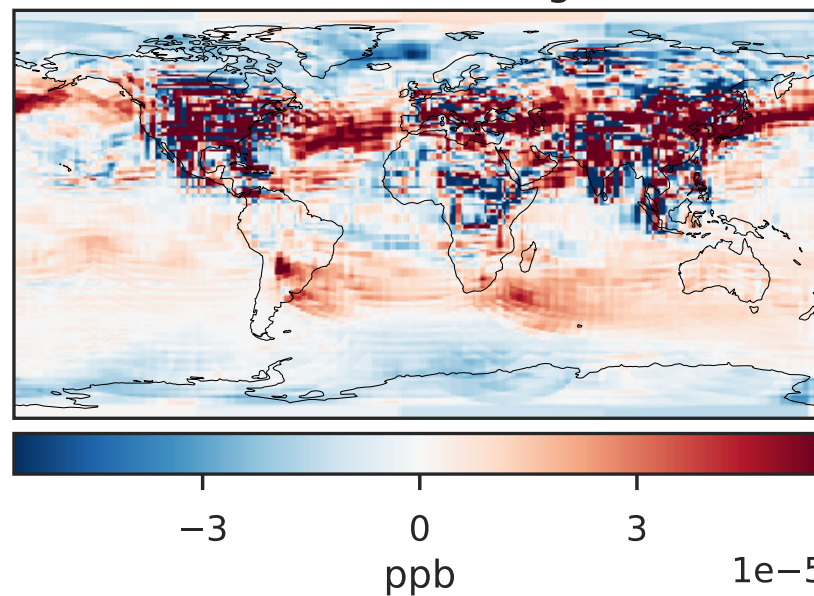
gchp-c24-1Mon-14.2.1 (Dev)
c24



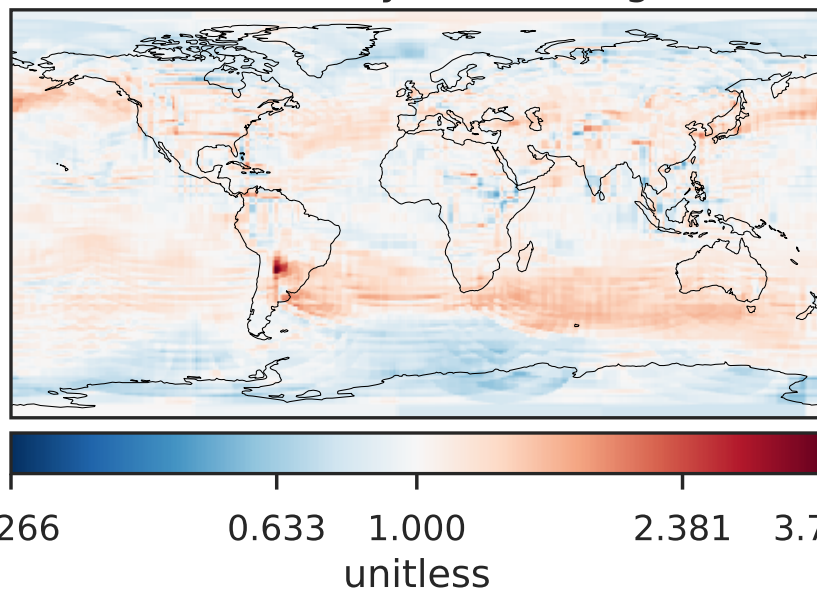
Difference (1x1.25)
Dev - Ref, Dynamic Range



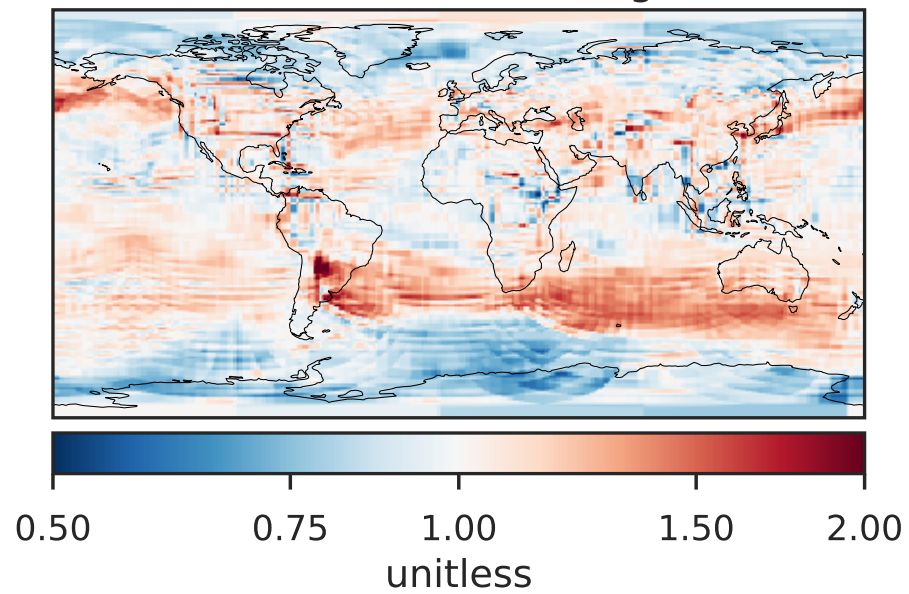
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

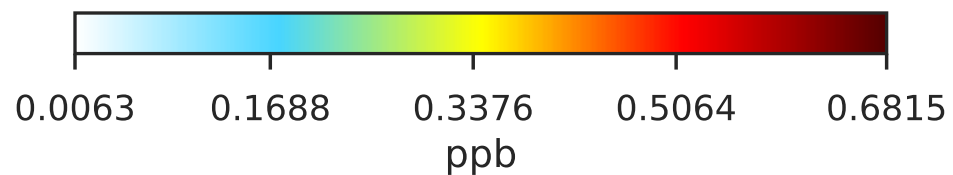
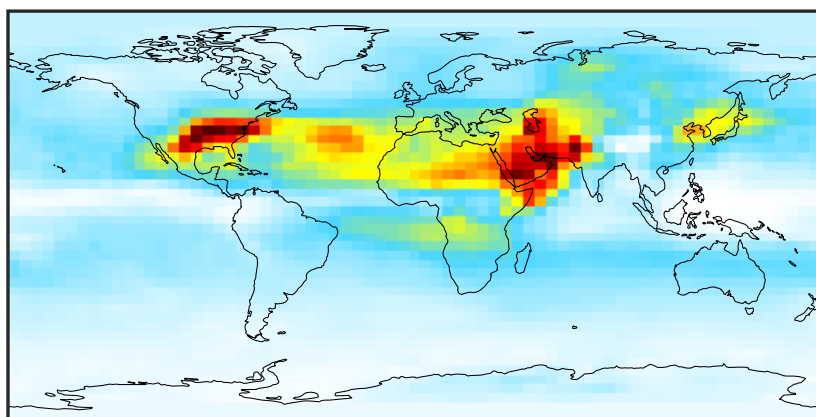


Ratio (1x1.25)
Dev/Ref, Fixed Range

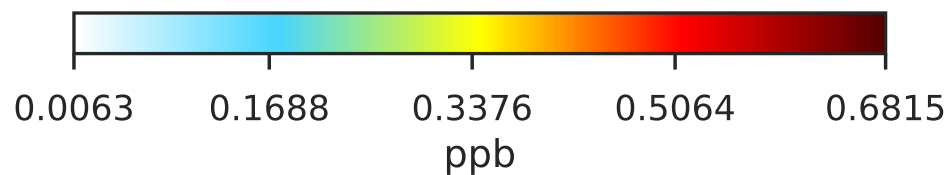
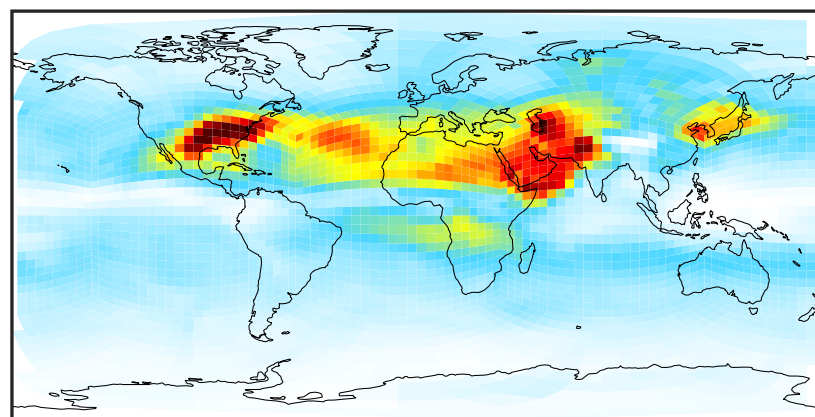


SpeciesConcVV_HNO3

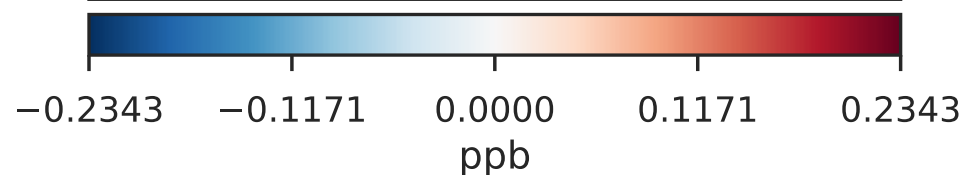
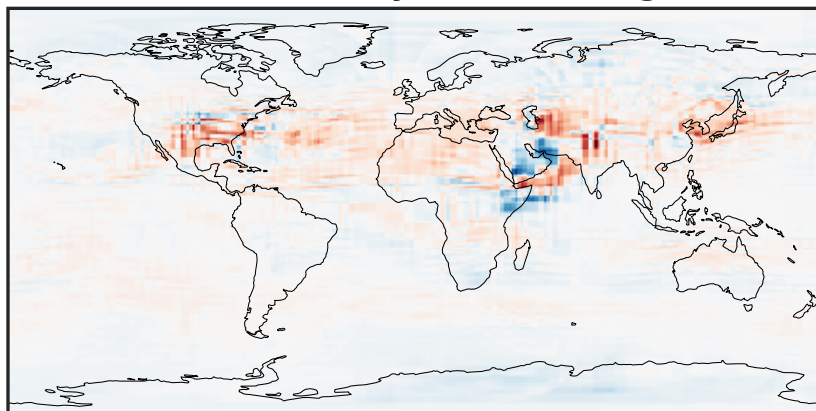
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



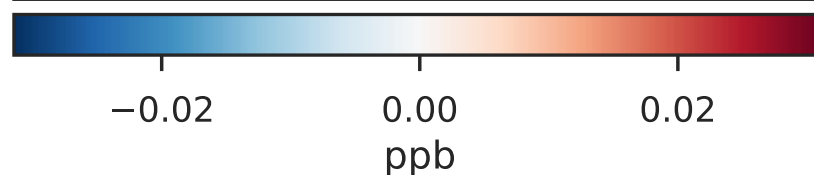
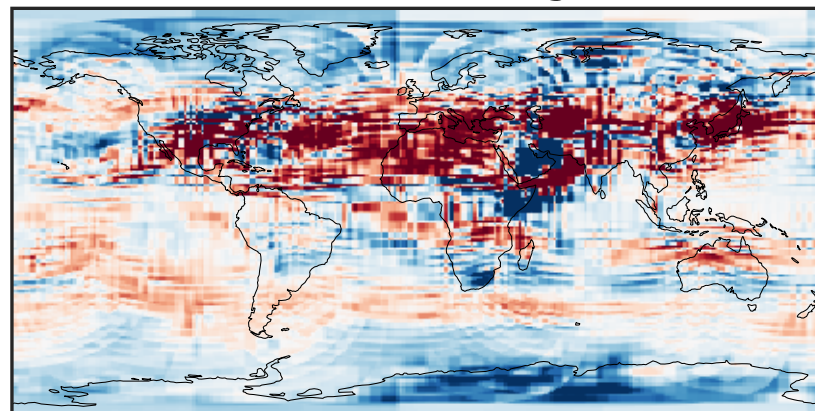
gchp-c24-1Mon-14.2.1 (Dev)
c24



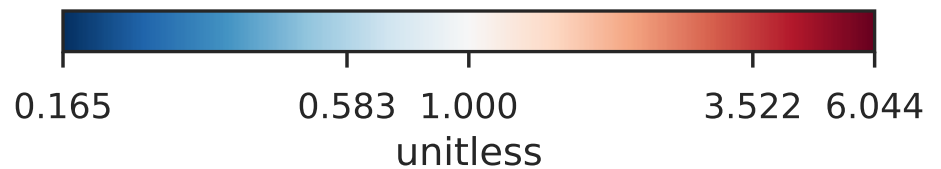
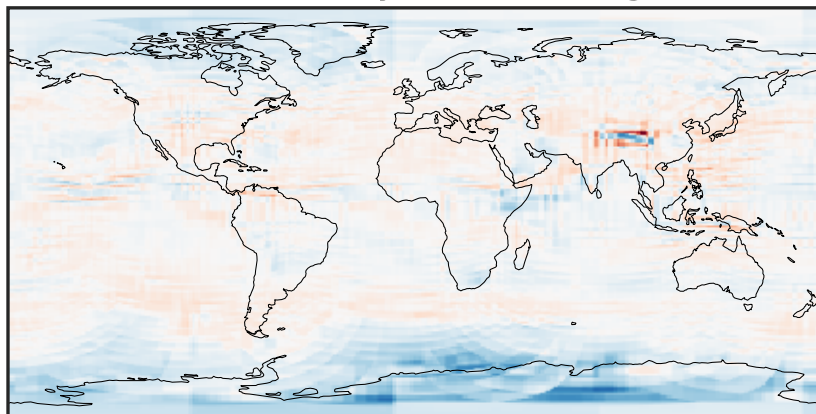
Difference (1x1.25)
Dev - Ref, Dynamic Range



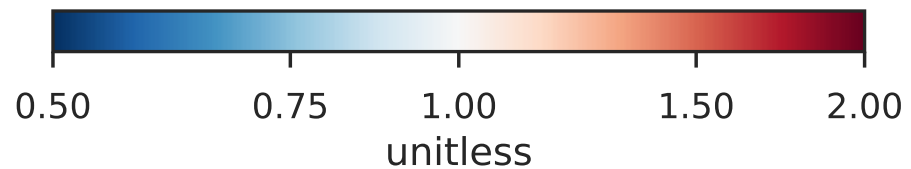
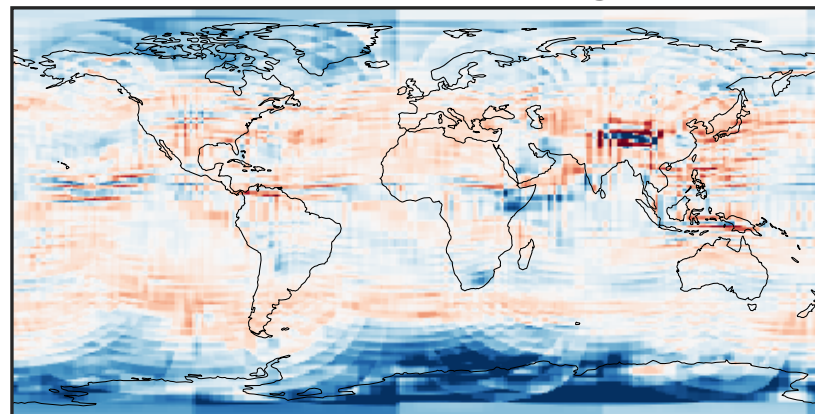
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

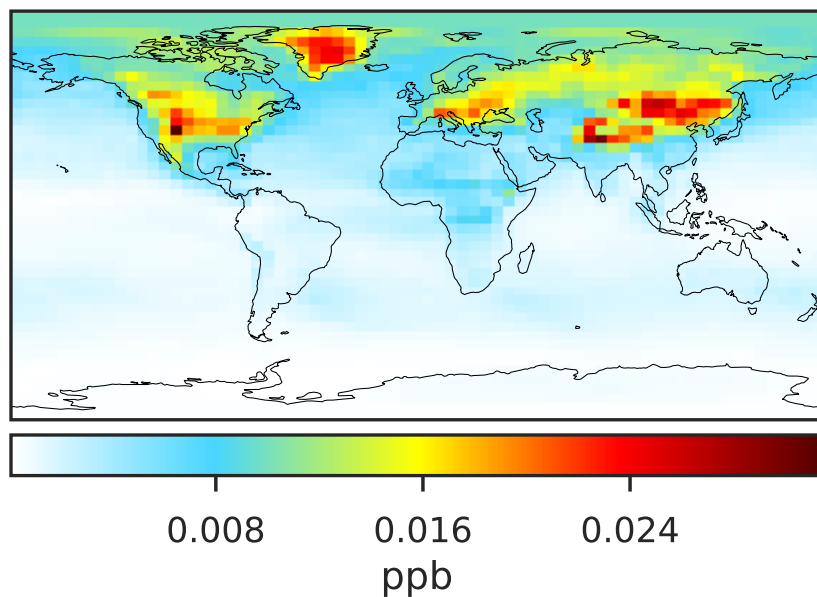


Ratio (1x1.25)
Dev/Ref, Fixed Range

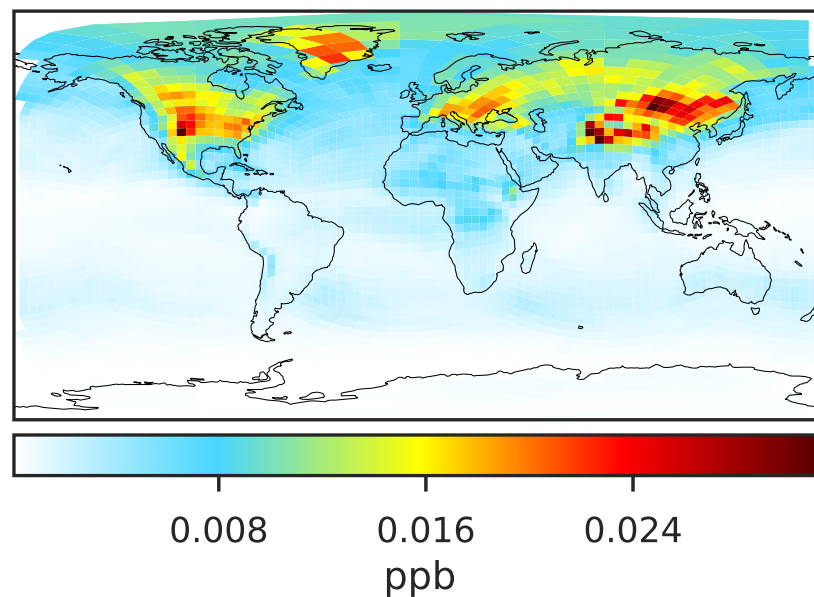


SpeciesConcVV_HNO4

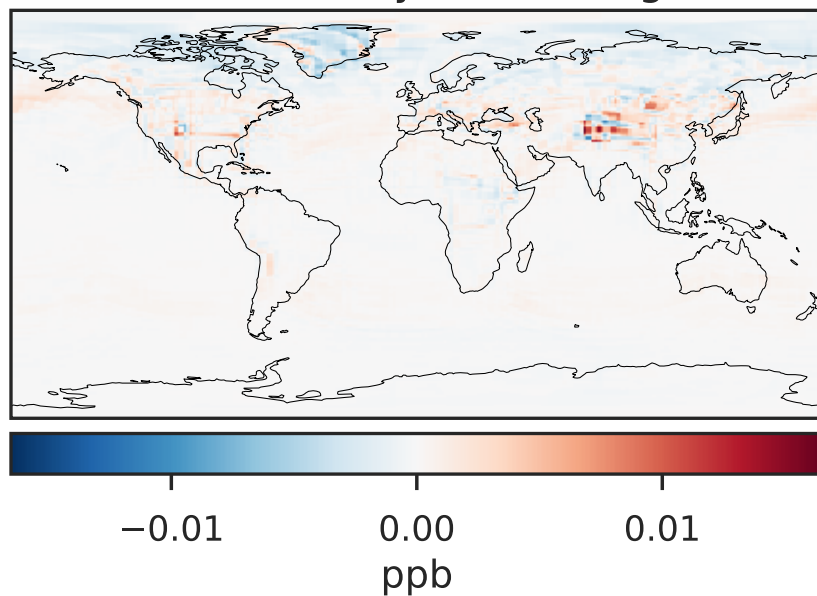
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



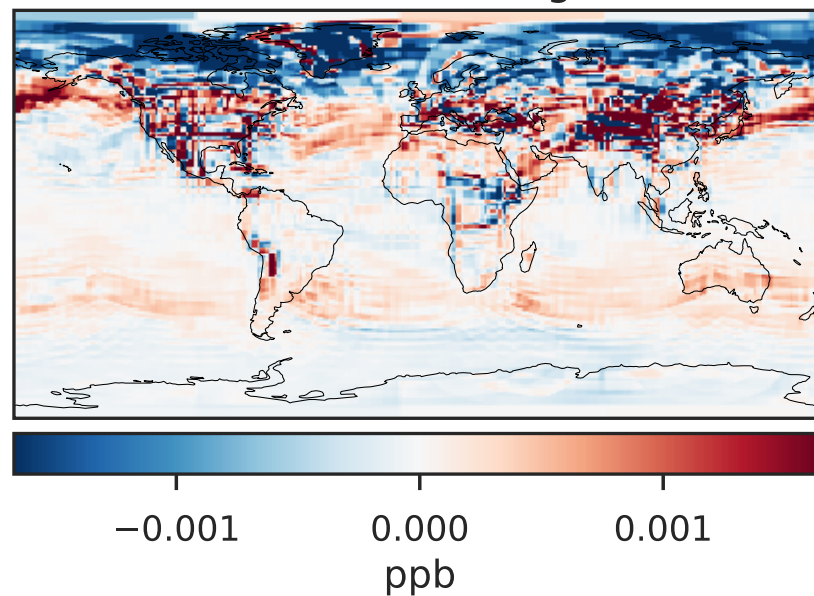
gchp-c24-1Mon-14.2.1 (Dev)
c24



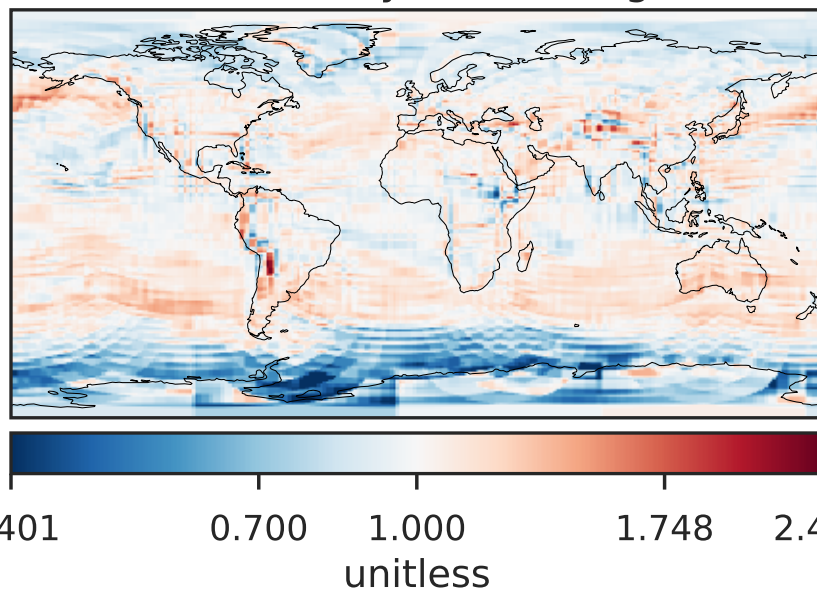
Difference (1x1.25)
Dev - Ref, Dynamic Range



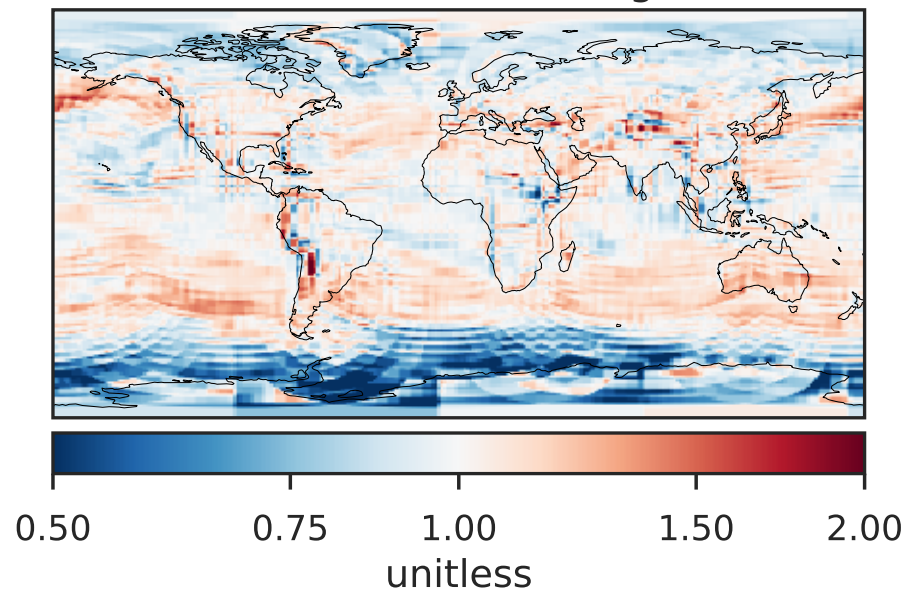
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

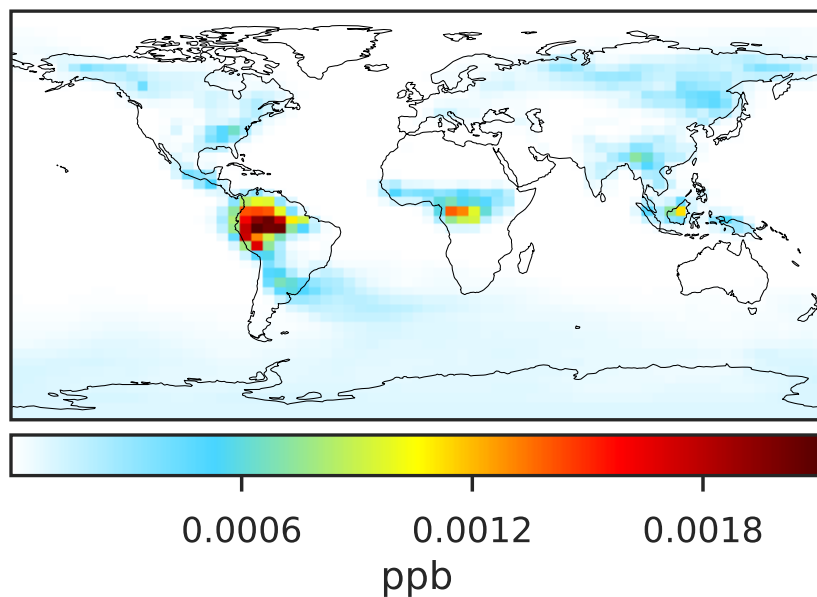


Ratio (1x1.25)
Dev/Ref, Fixed Range

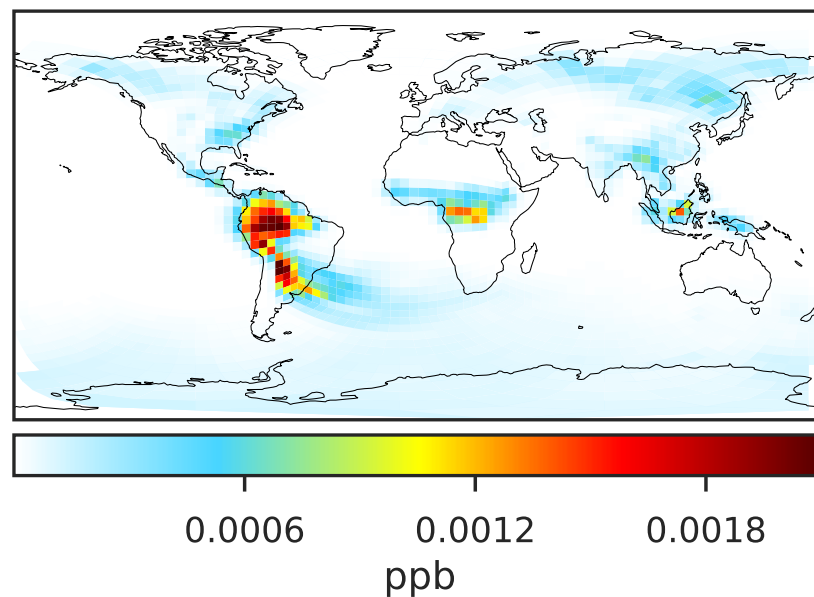


SpeciesConcVV_MPAN

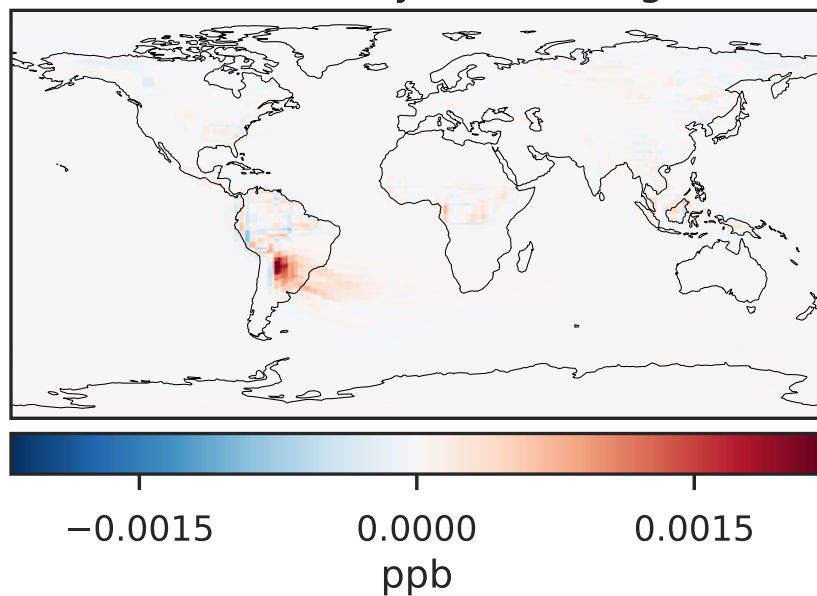
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



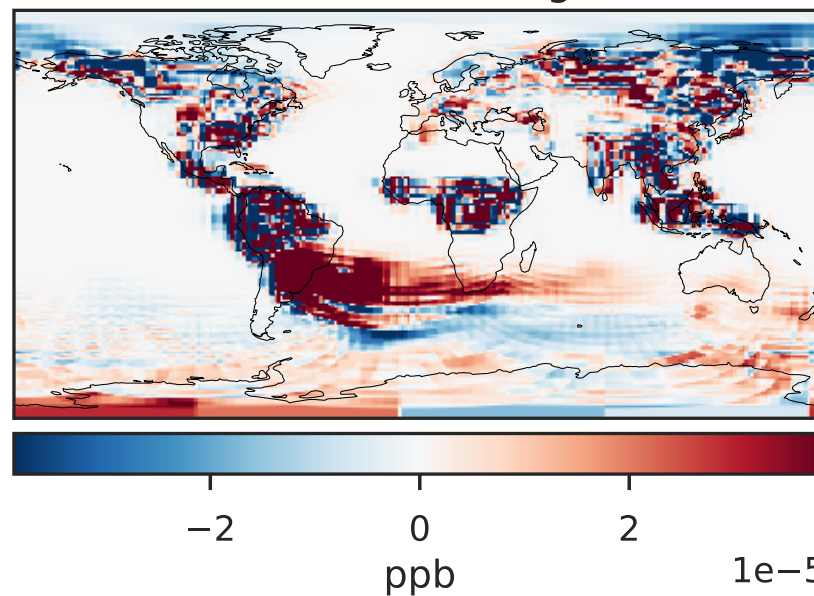
gchp-c24-1Mon-14.2.1 (Dev)
c24



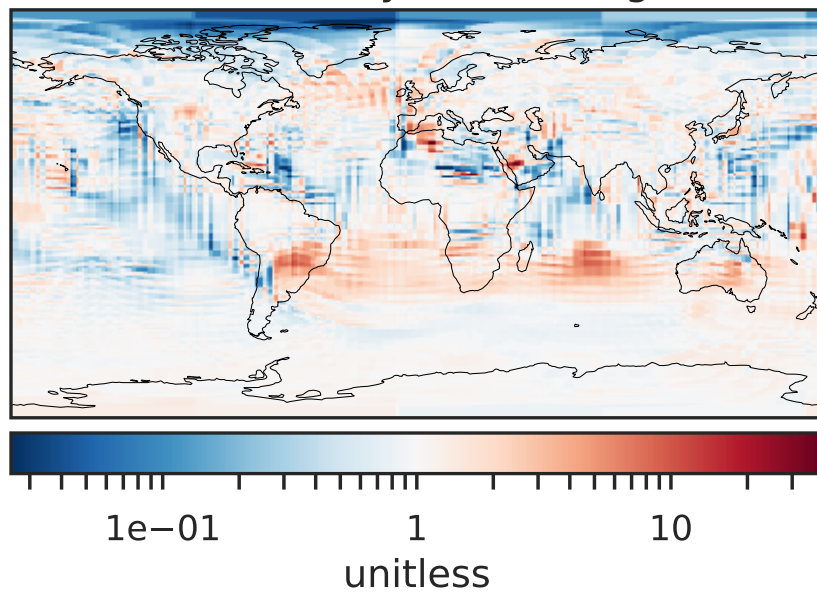
Difference (1x1.25)
Dev - Ref, Dynamic Range



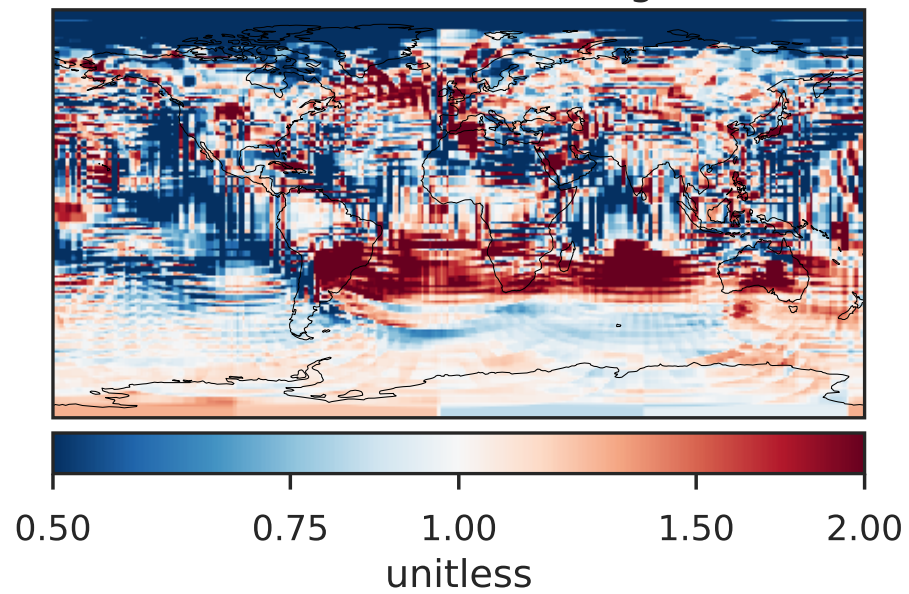
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

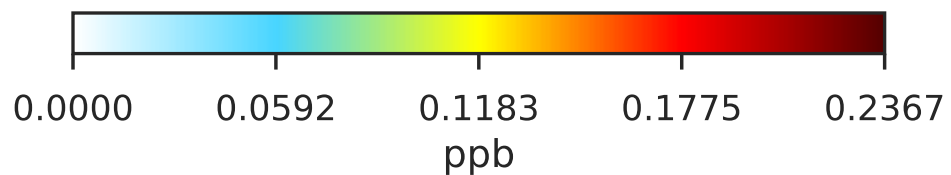
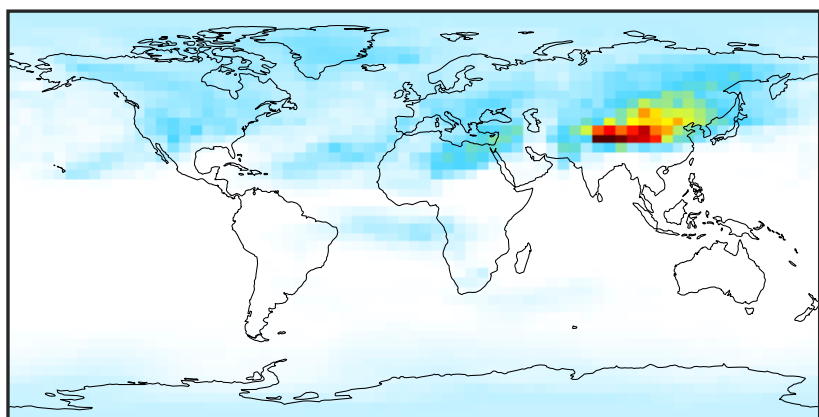


Ratio (1x1.25)
Dev/Ref, Fixed Range

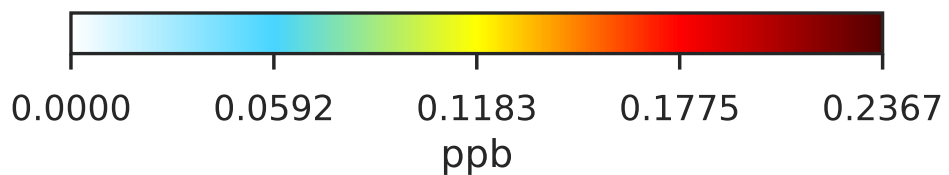
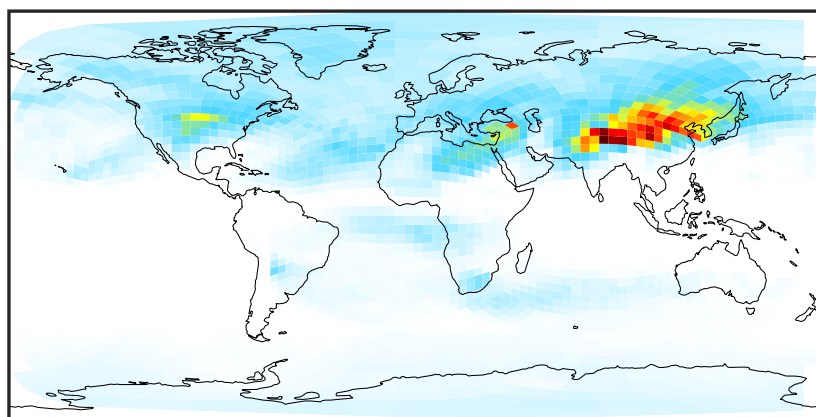


SpeciesConcVV_NIT

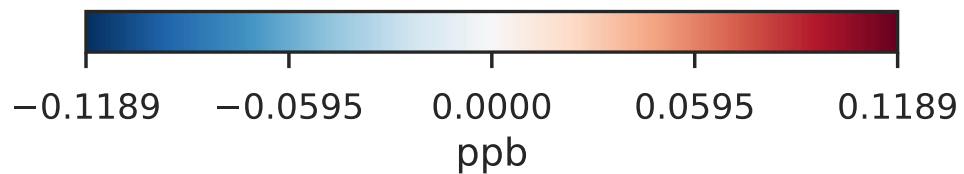
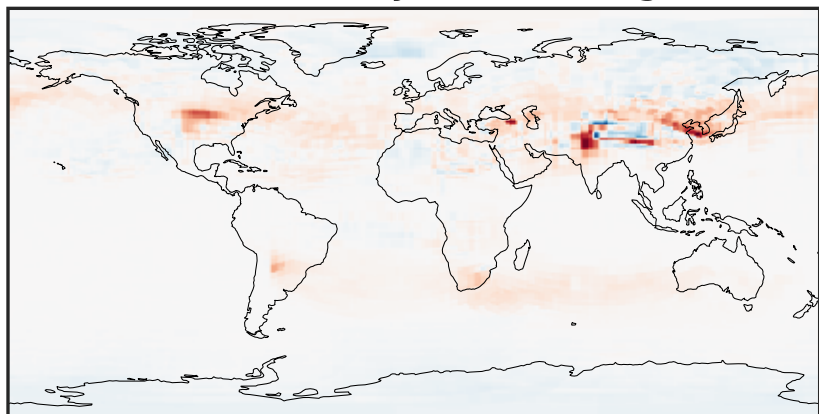
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



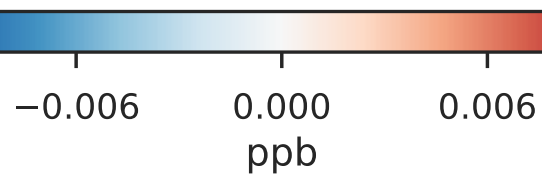
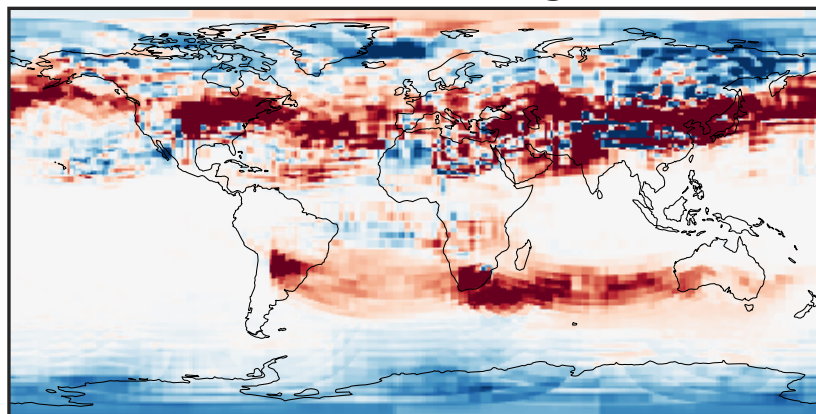
gchp-c24-1Mon-14.2.1 (Dev)
c24



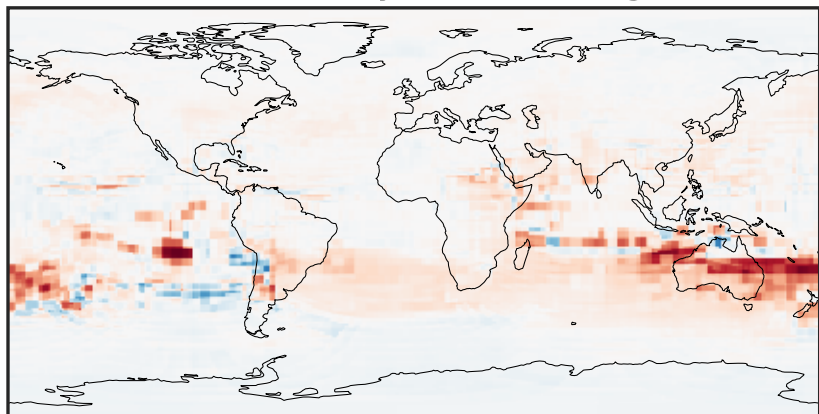
Difference (1x1.25)
Dev - Ref, Dynamic Range



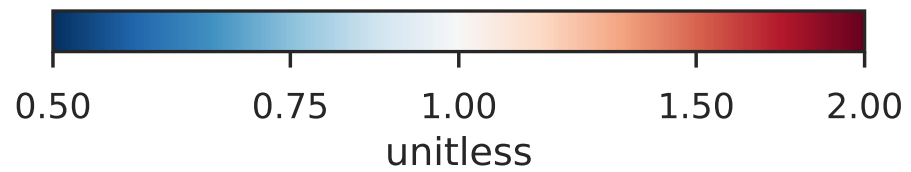
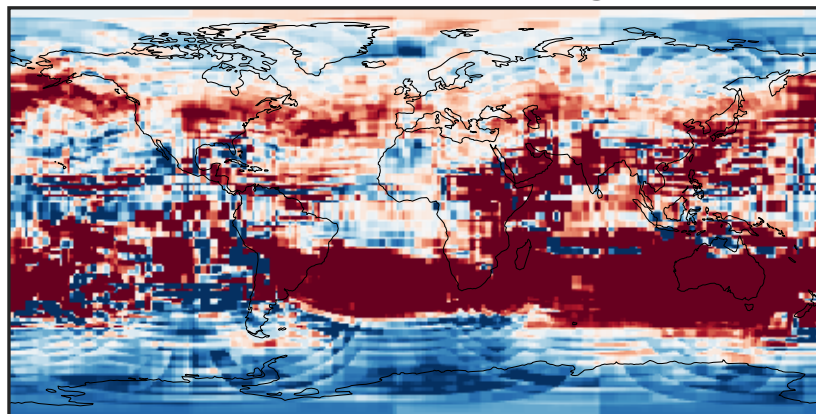
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

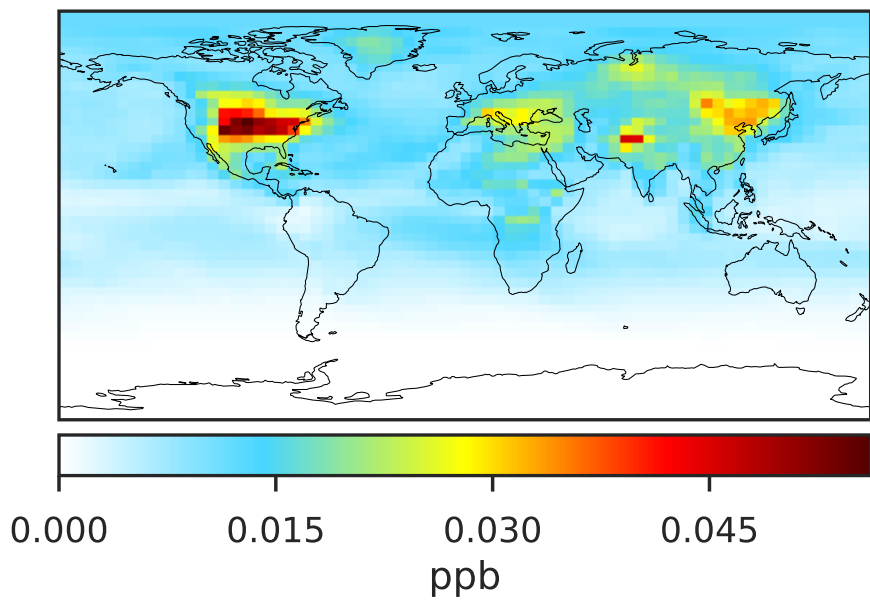


Ratio (1x1.25)
Dev/Ref, Fixed Range

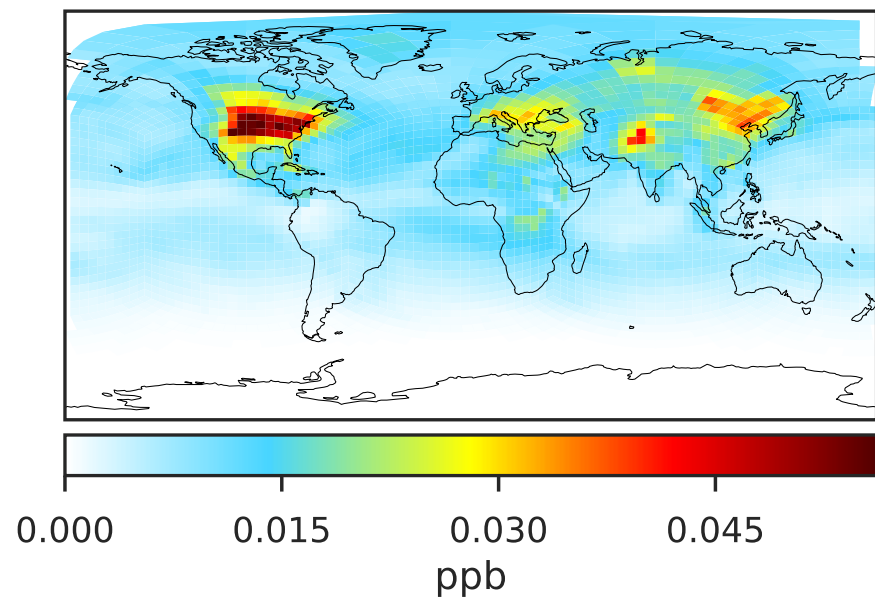


SpeciesConcVV_NO

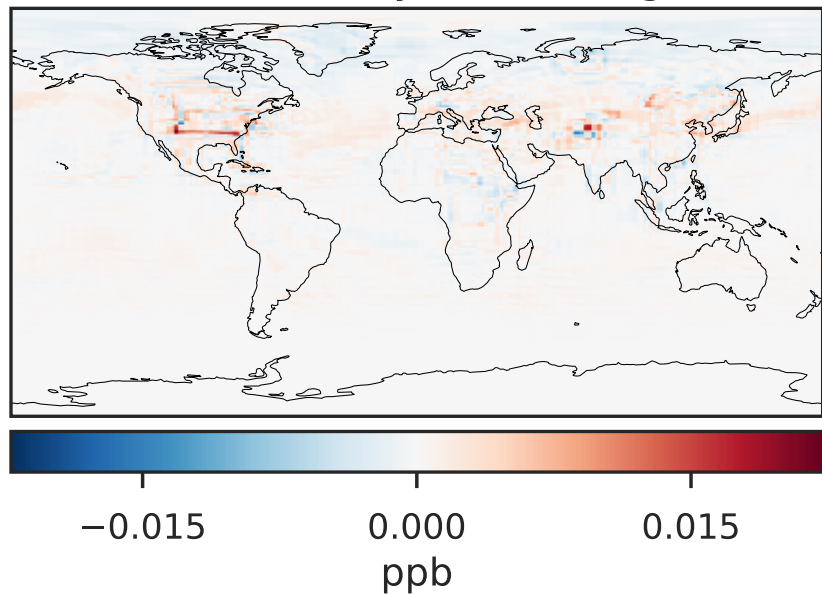
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



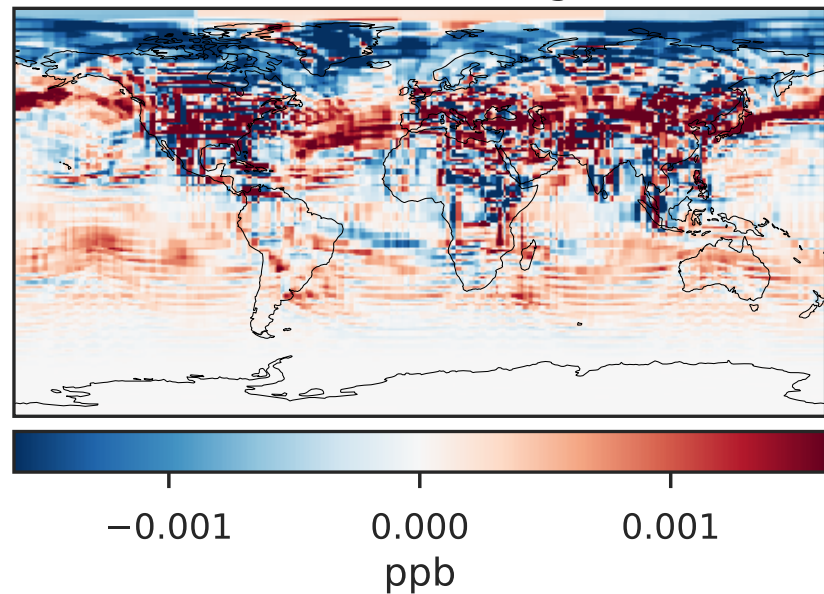
gchp-c24-1Mon-14.2.1 (Dev)
c24



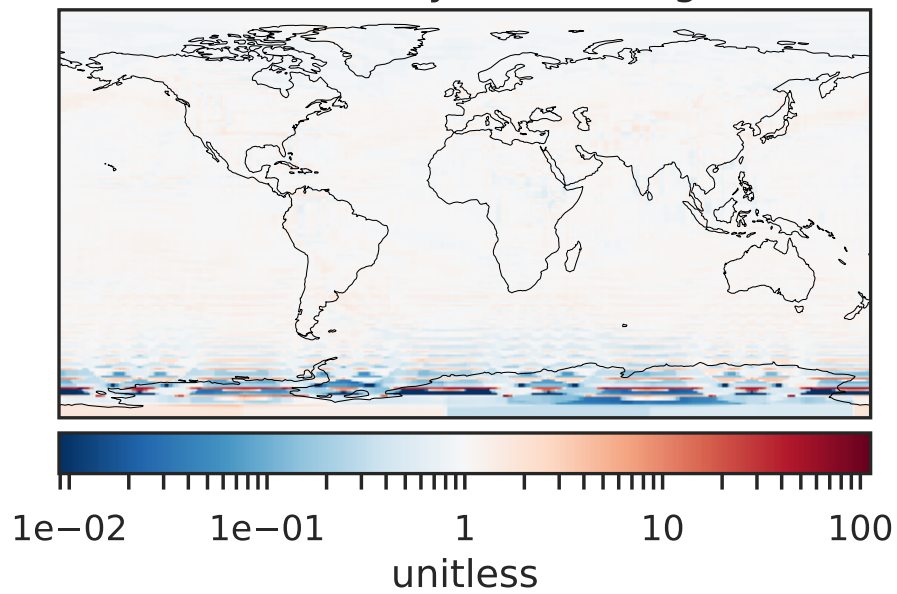
Difference (1x1.25)
Dev - Ref, Dynamic Range



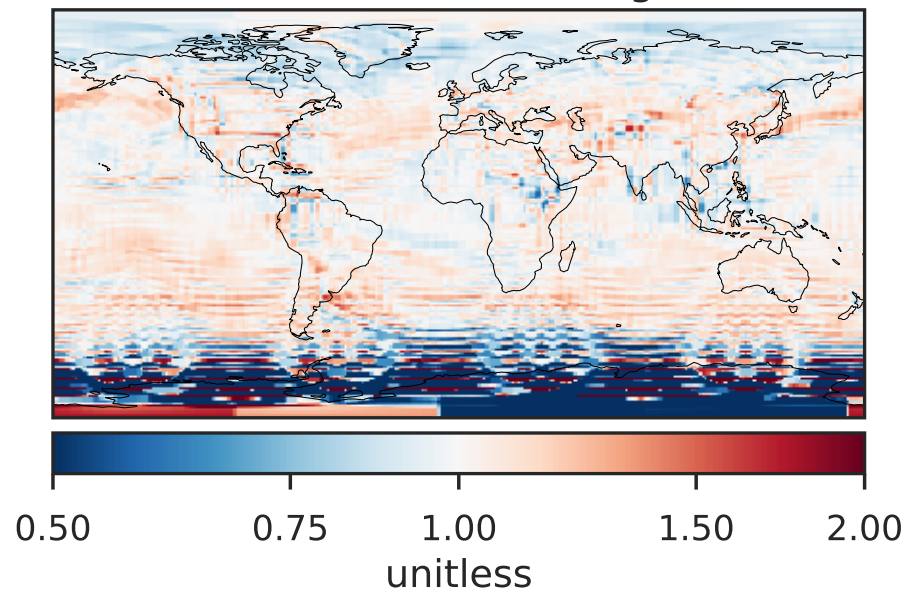
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

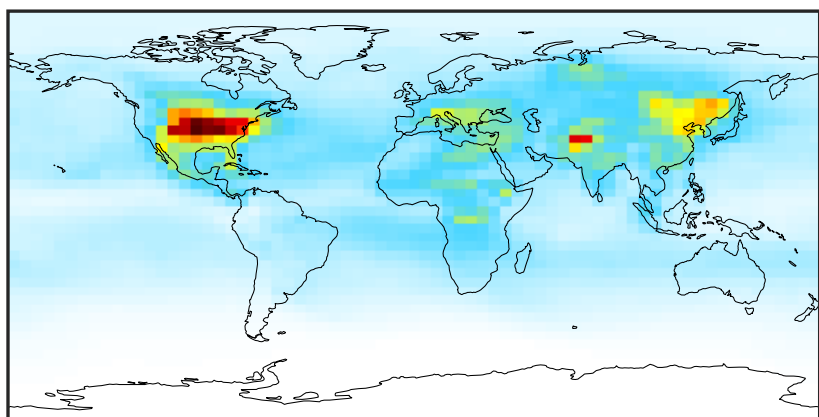


Ratio (1x1.25)
Dev/Ref, Fixed Range



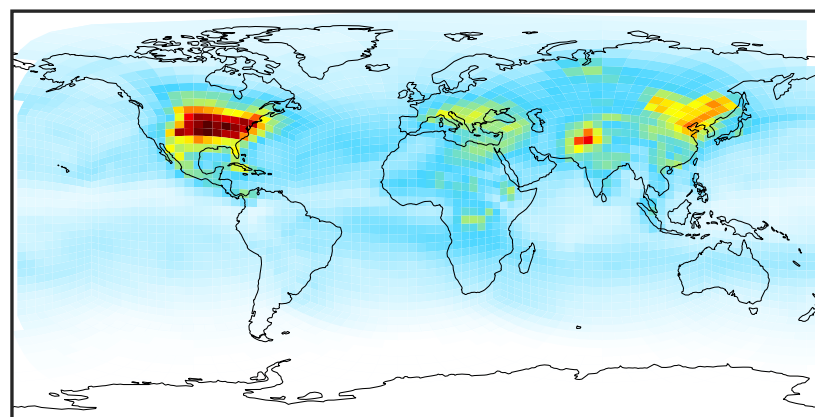
SpeciesConcVV_NO2

gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



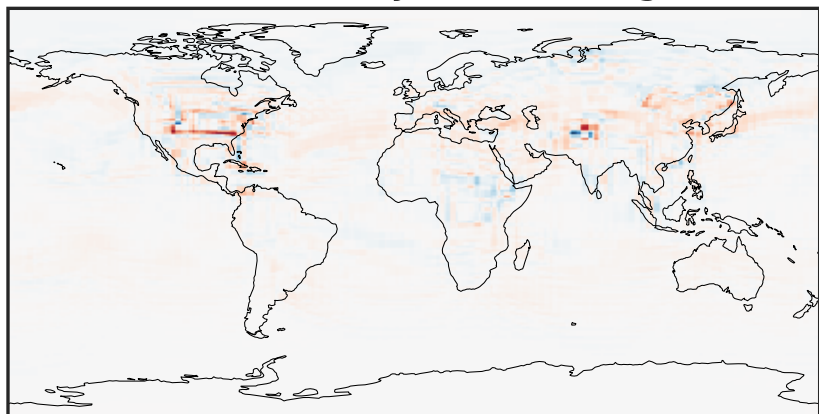
0.0002 0.0518 0.1037 0.1555 0.2076
ppb

gchp-c24-1Mon-14.2.1 (Dev)
c24



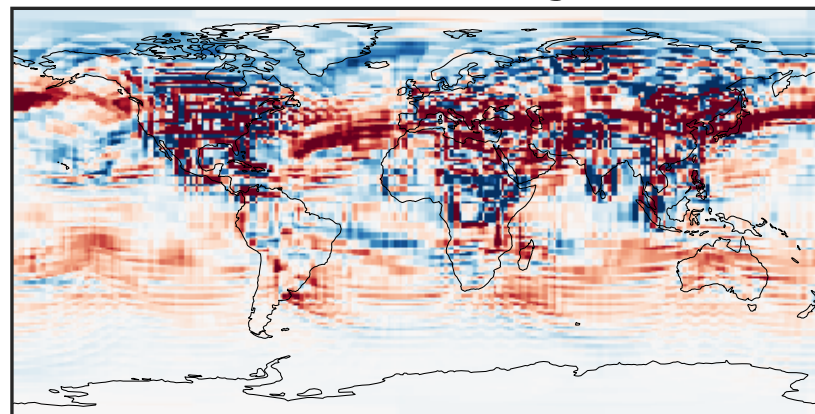
0.0002 0.0518 0.1037 0.1555 0.2076
ppb

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



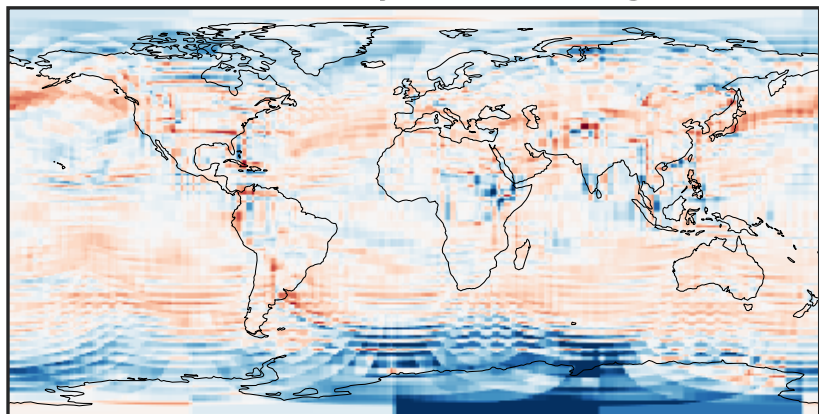
-0.0782 -0.0391 0.0000 0.0391 0.0782
ppb

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



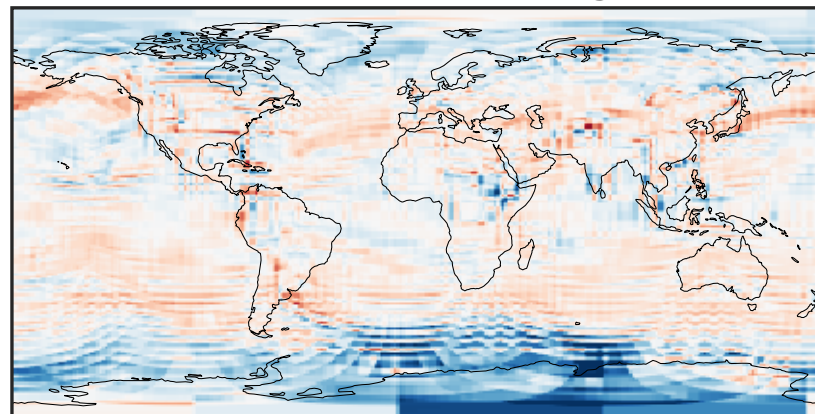
-0.003 0.000 0.003
ppb

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



0.541 0.770 1.000 1.424 1.849
unitless

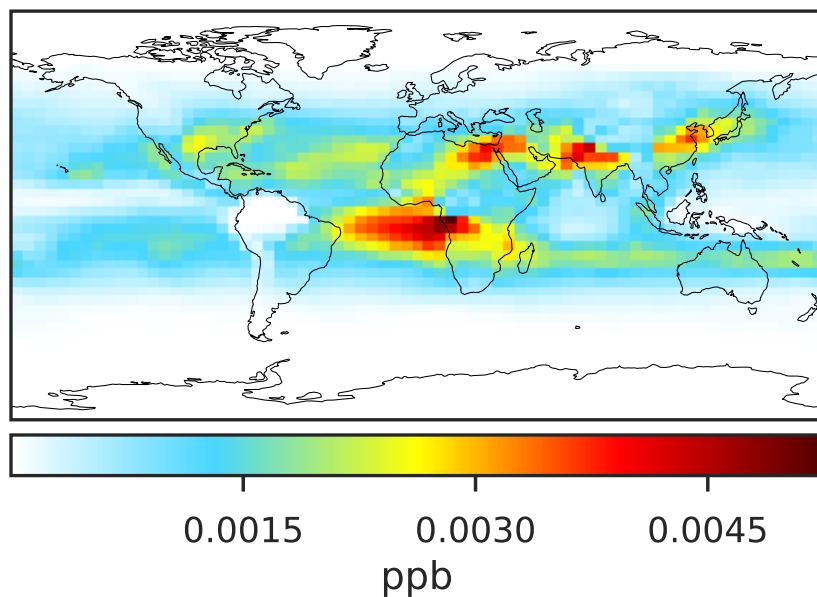
Ratio (1x1.25)
Dev/Ref, Fixed Range



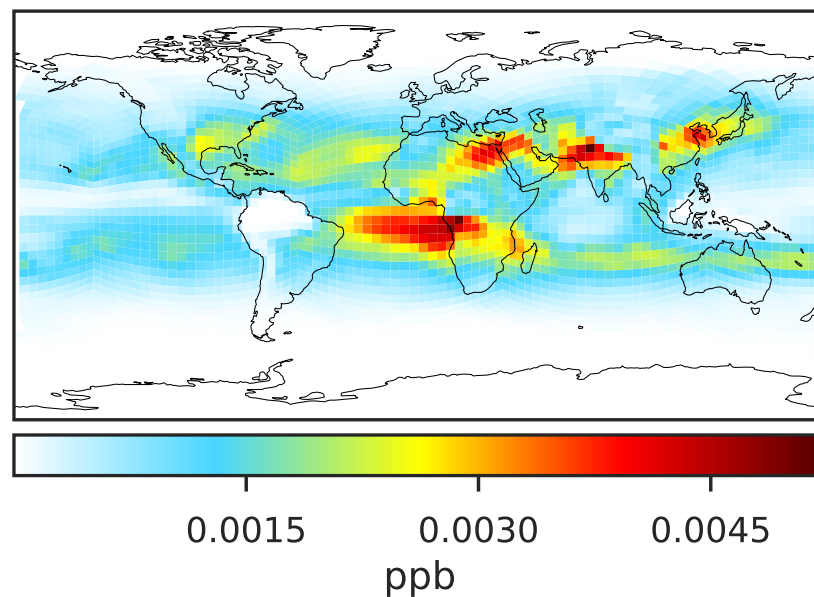
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_NO3

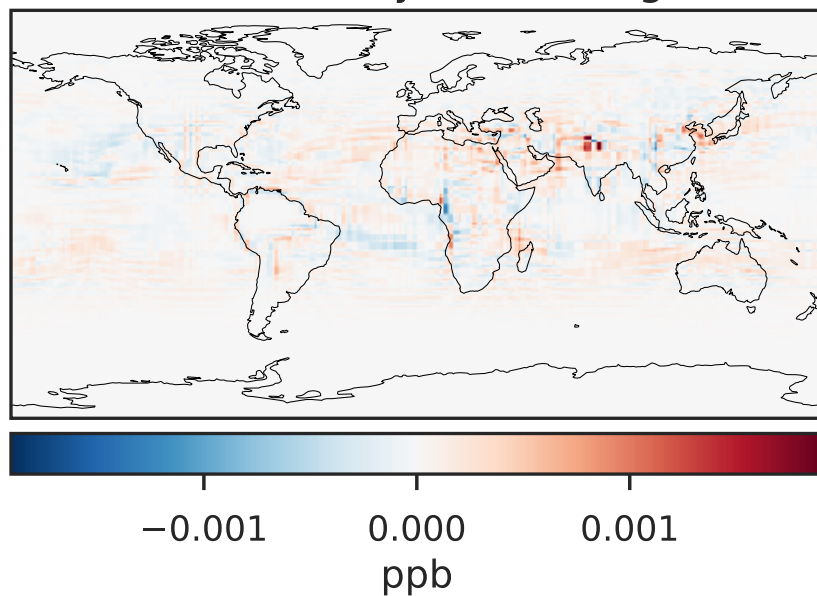
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



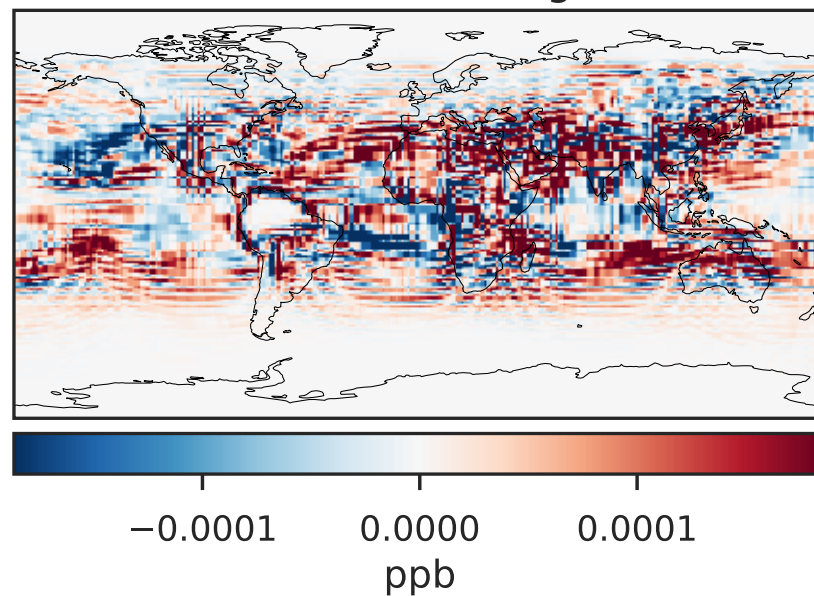
gchp-c24-1Mon-14.2.1 (Dev)
c24



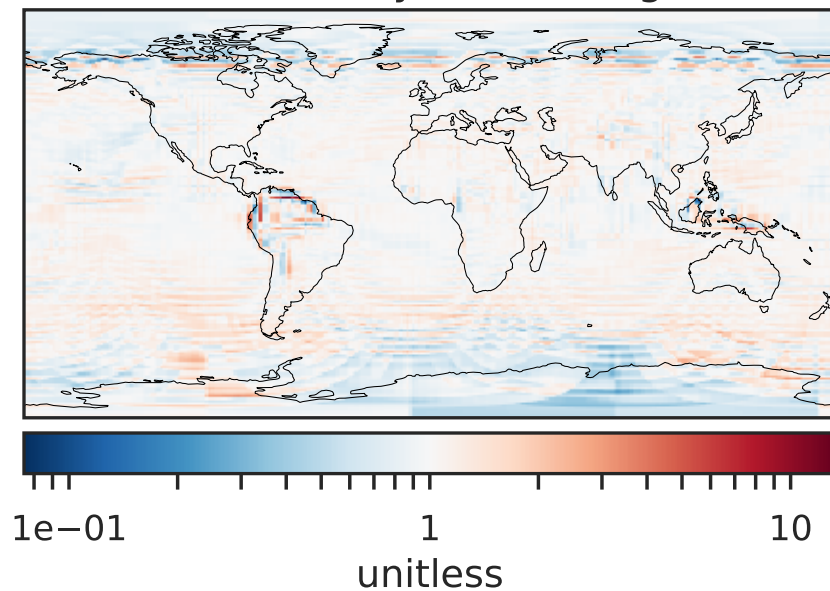
Difference (1x1.25)
Dev - Ref, Dynamic Range



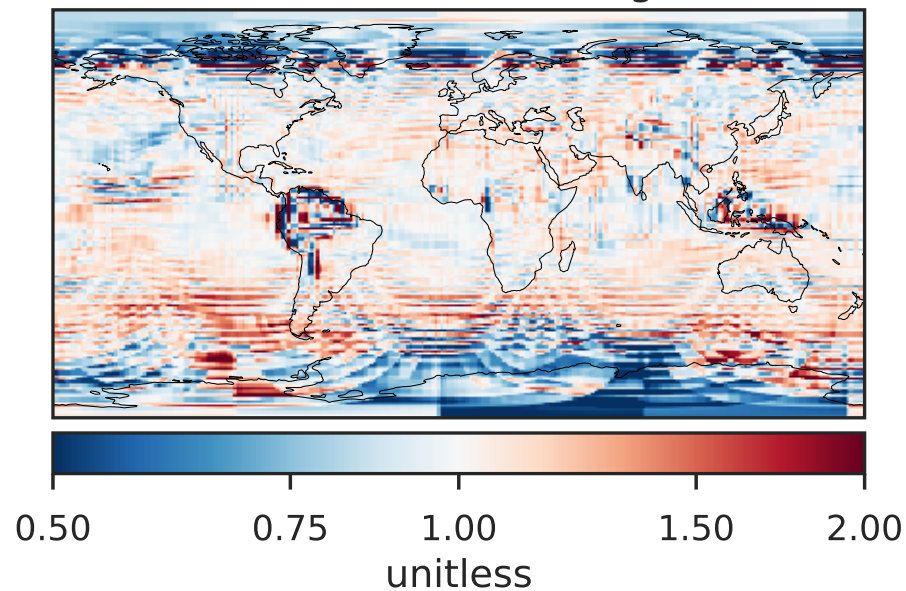
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

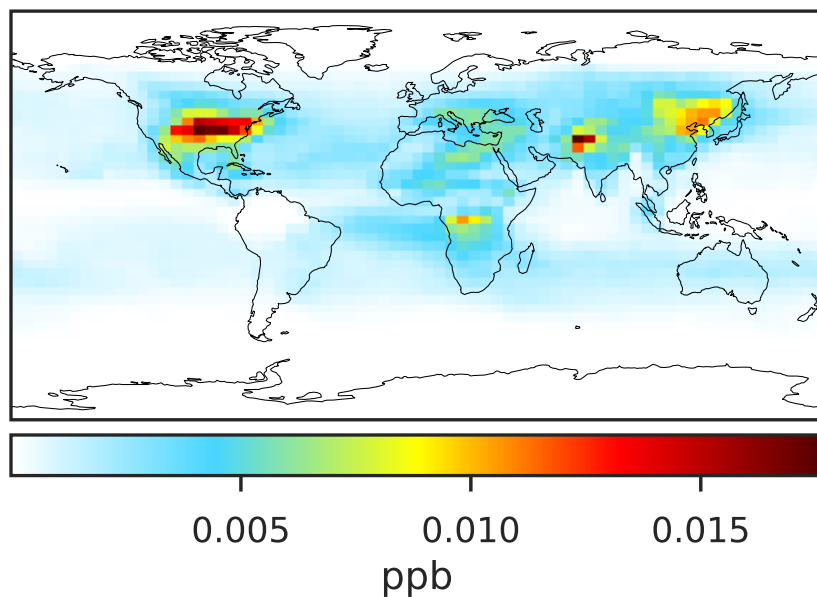


Ratio (1x1.25)
Dev/Ref, Fixed Range

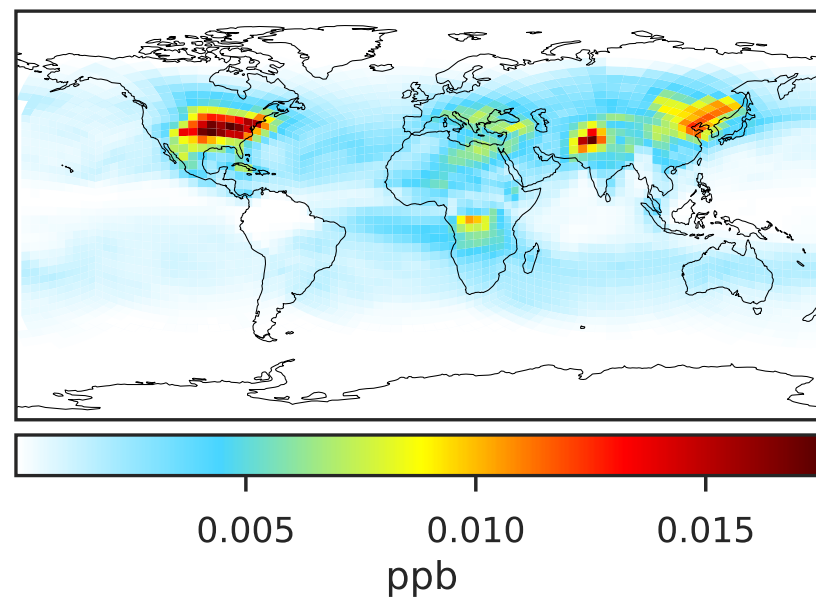


SpeciesConcVV_N2O5

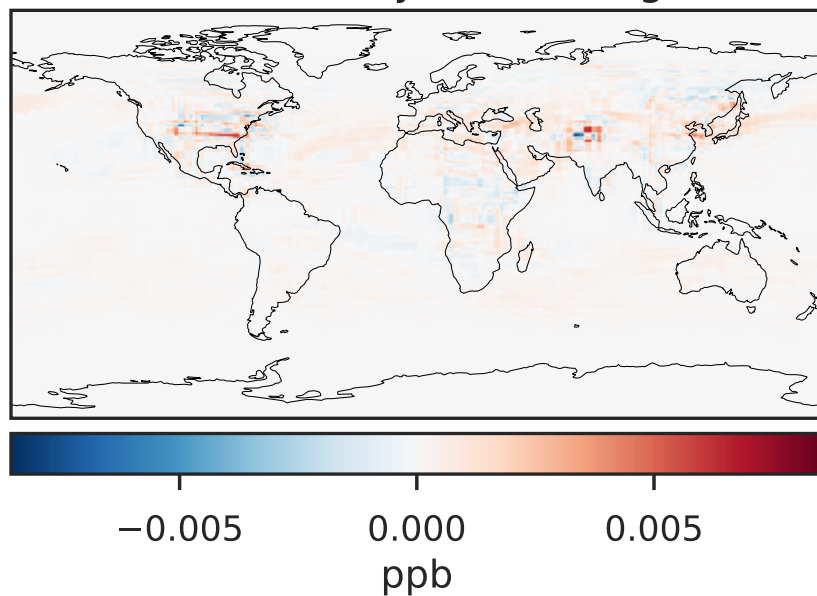
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



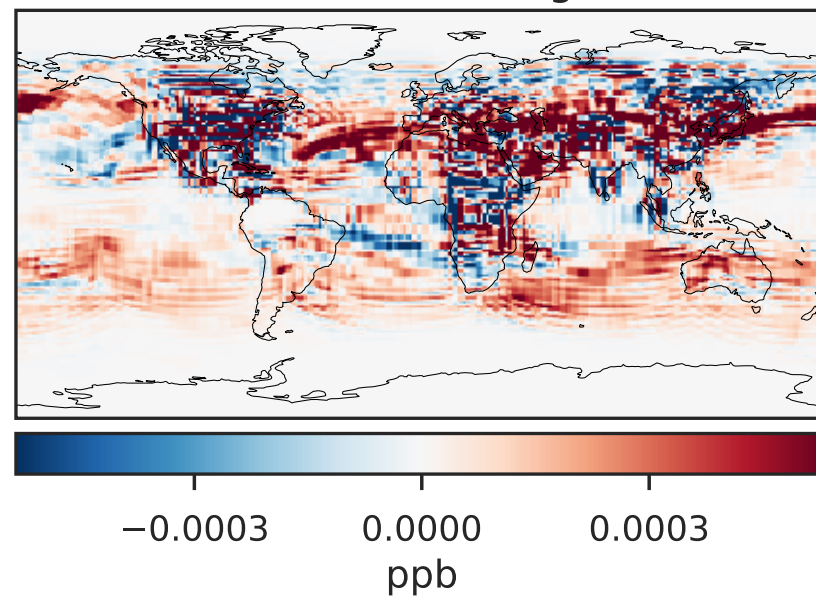
gchp-c24-1Mon-14.2.1 (Dev)
c24



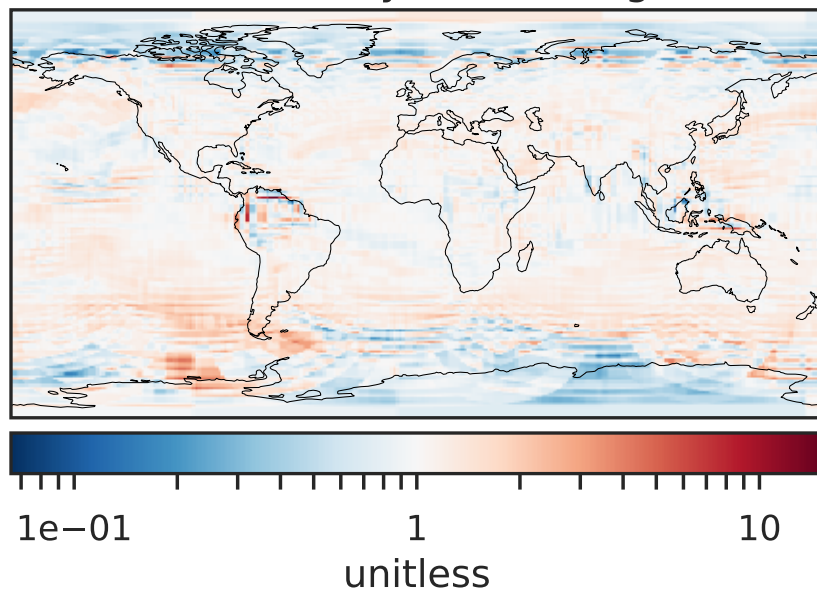
Difference (1x1.25)
Dev - Ref, Dynamic Range



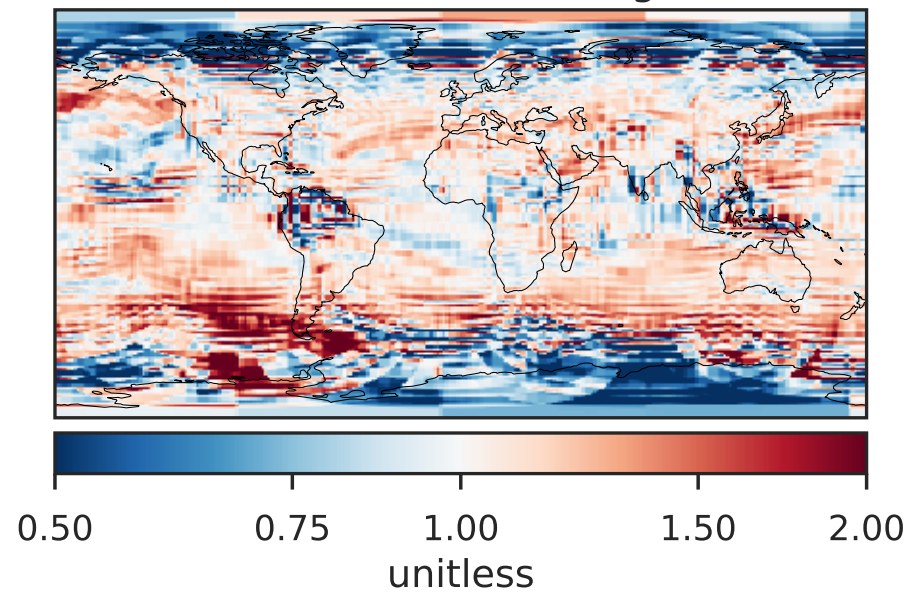
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

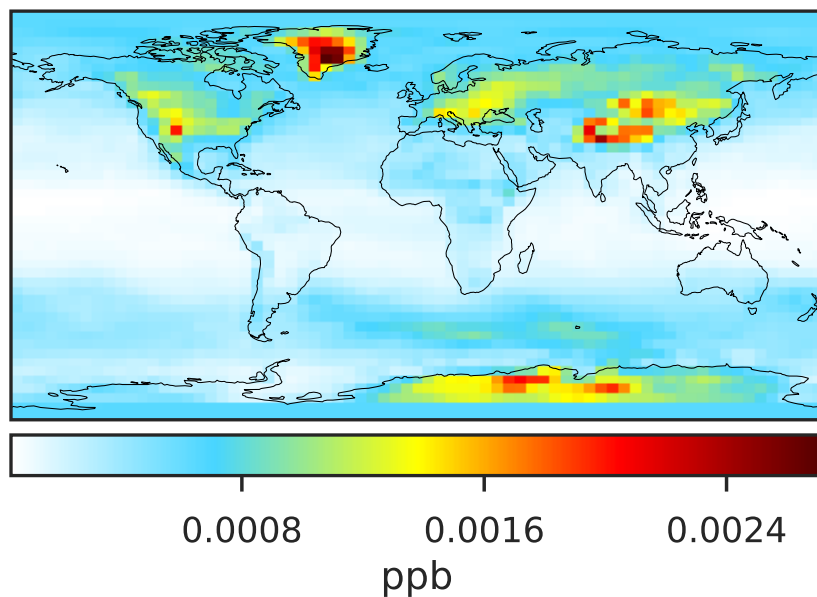


Ratio (1x1.25)
Dev/Ref, Fixed Range

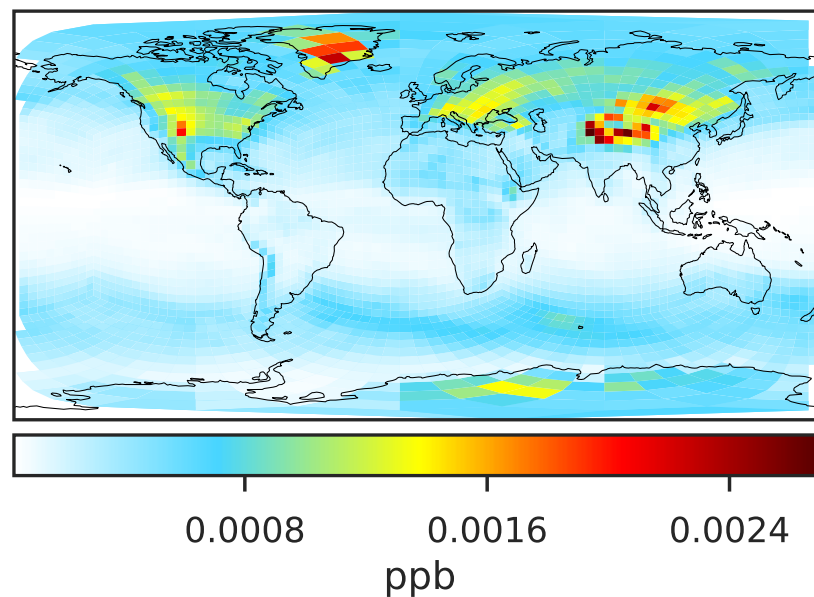


SpeciesConcVV_MPN

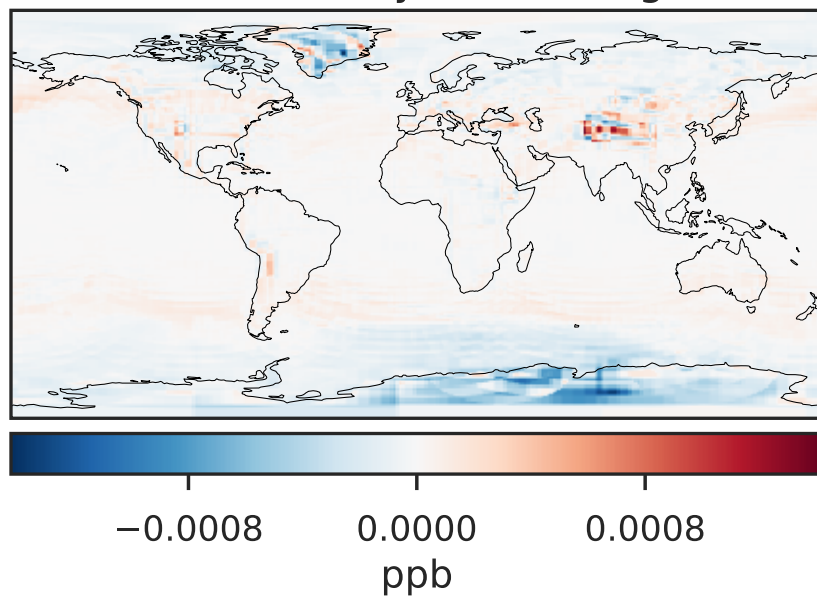
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



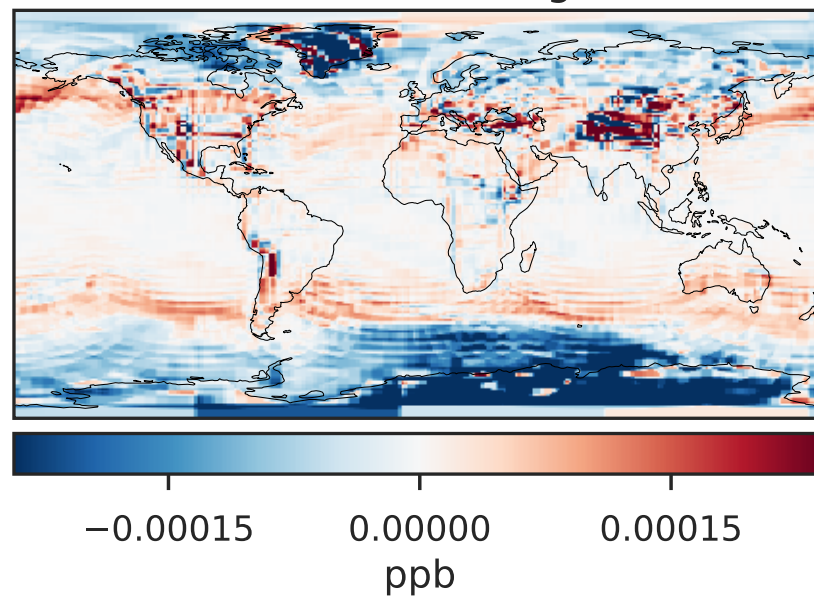
gchp-c24-1Mon-14.2.1 (Dev)
c24



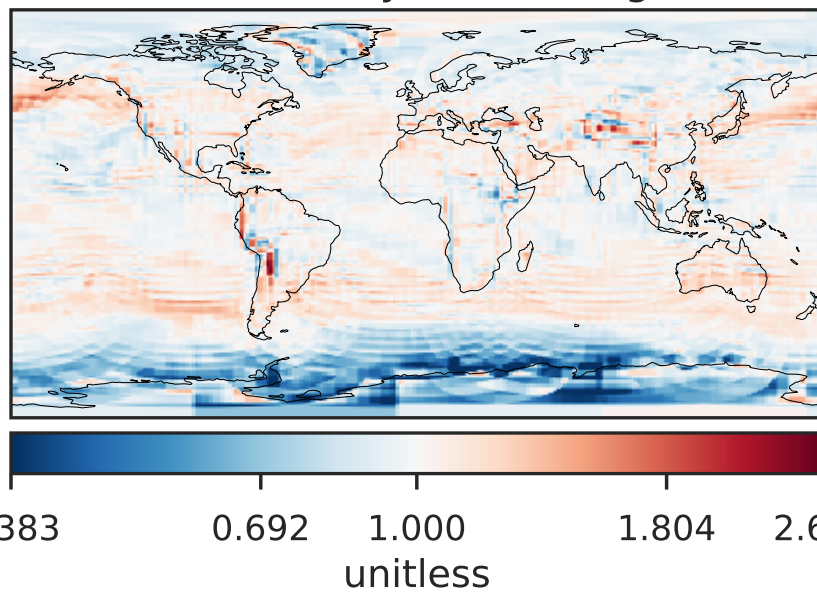
Difference (1x1.25)
Dev - Ref, Dynamic Range



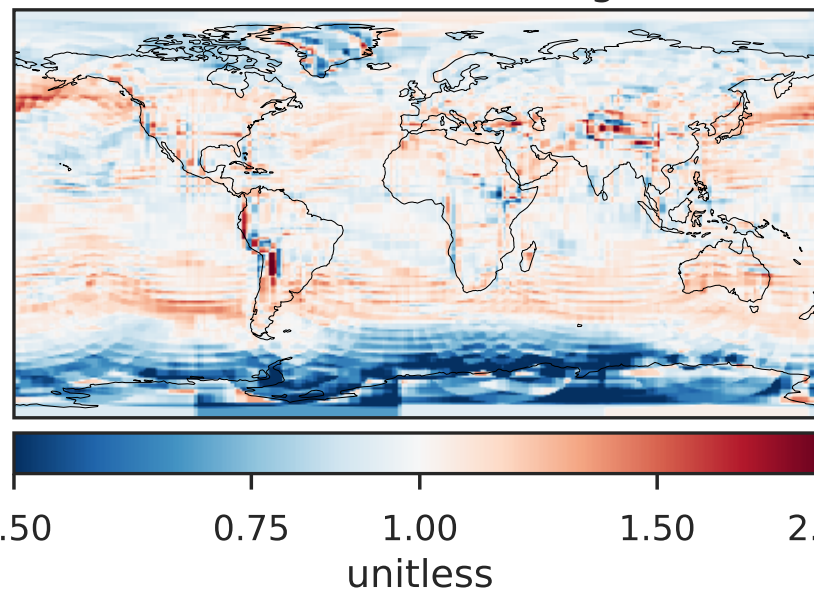
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

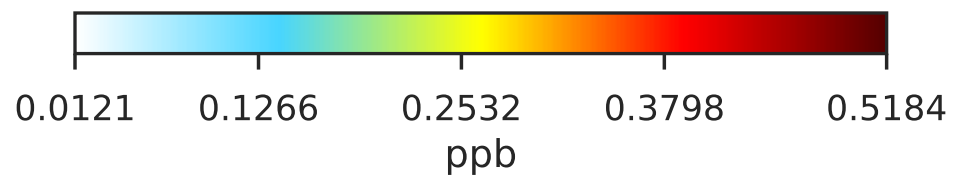
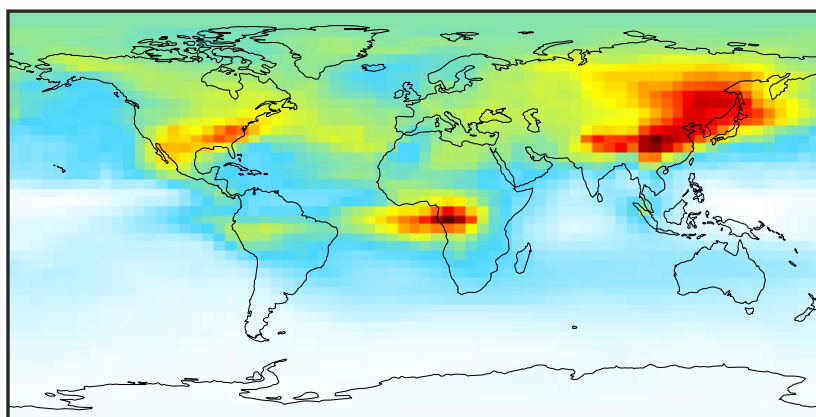


Ratio (1x1.25)
Dev/Ref, Fixed Range

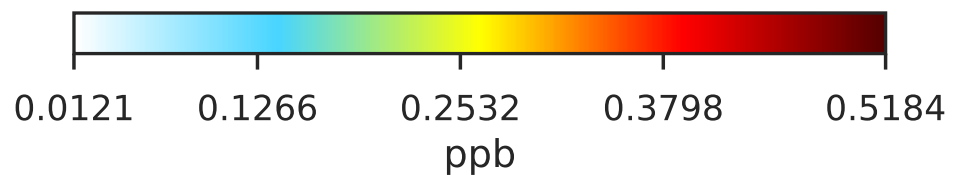
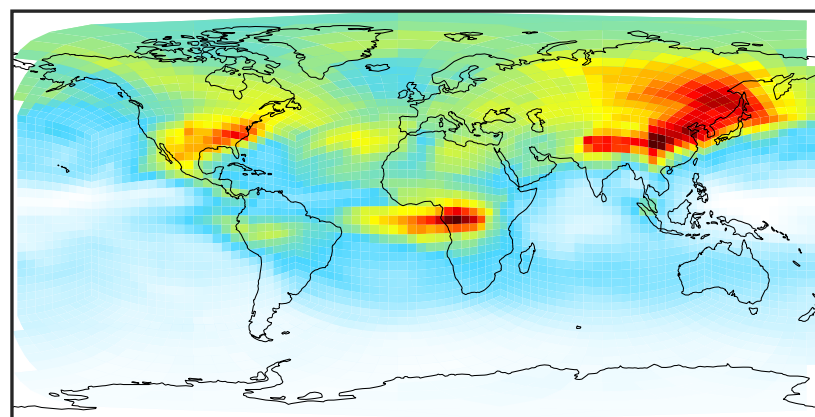


SpeciesConcVV_PAN

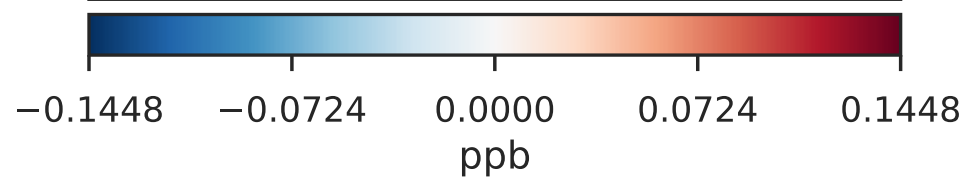
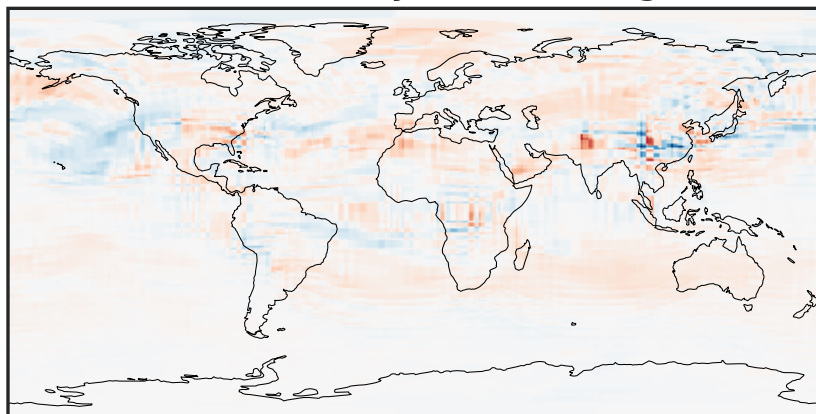
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



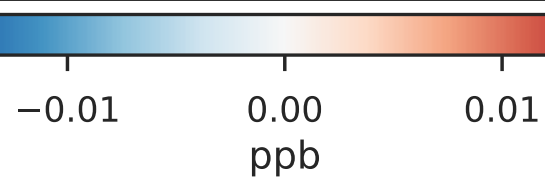
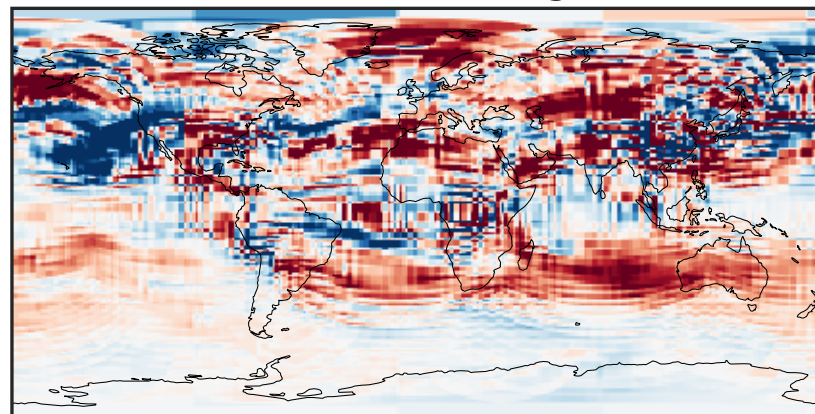
gchp-c24-1Mon-14.2.1 (Dev)
c24



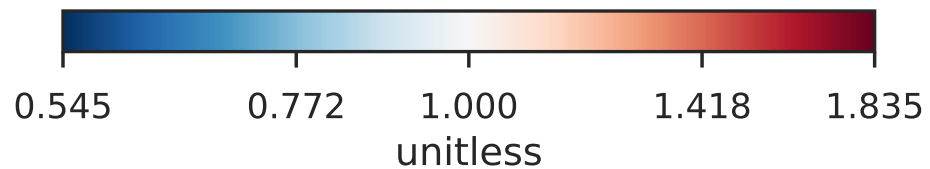
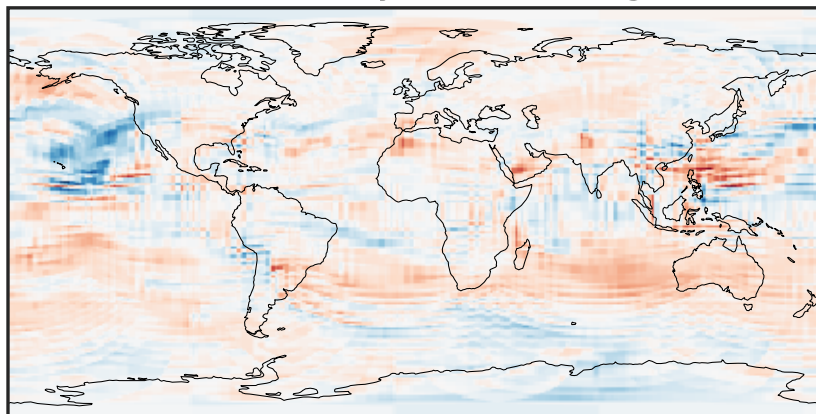
Difference (1x1.25)
Dev - Ref, Dynamic Range



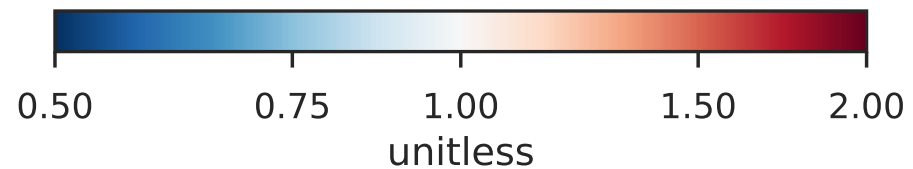
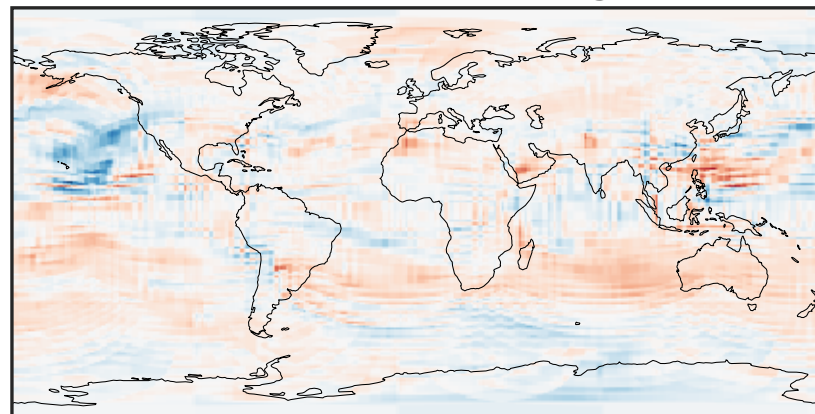
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

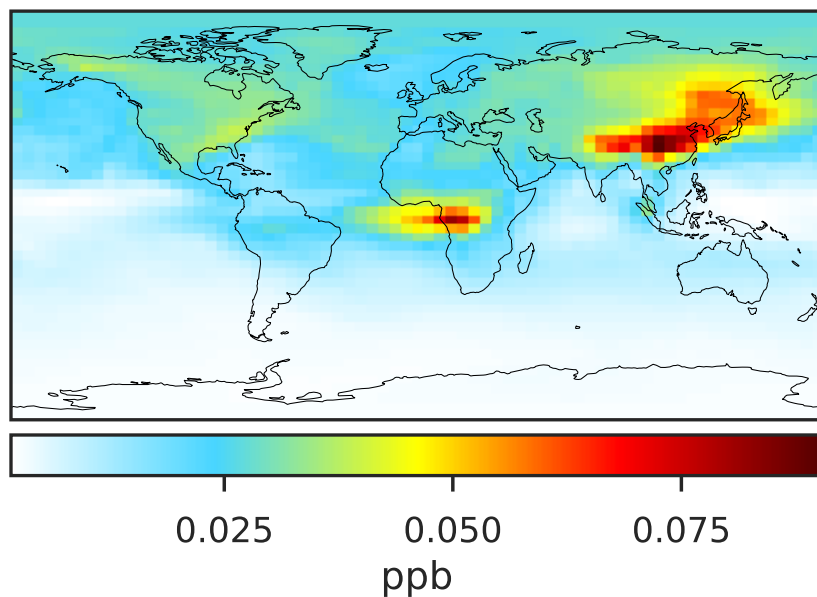


Ratio (1x1.25)
Dev/Ref, Fixed Range

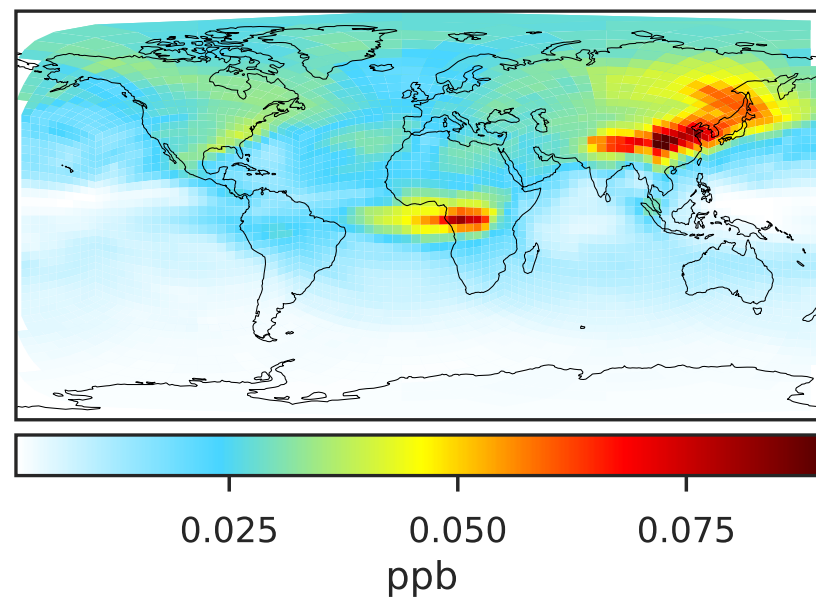


SpeciesConcVV_PPN

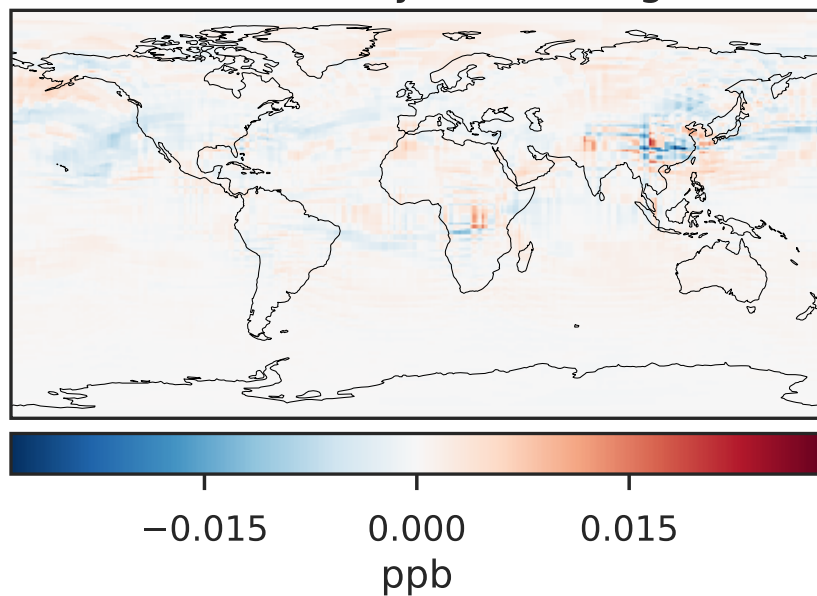
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



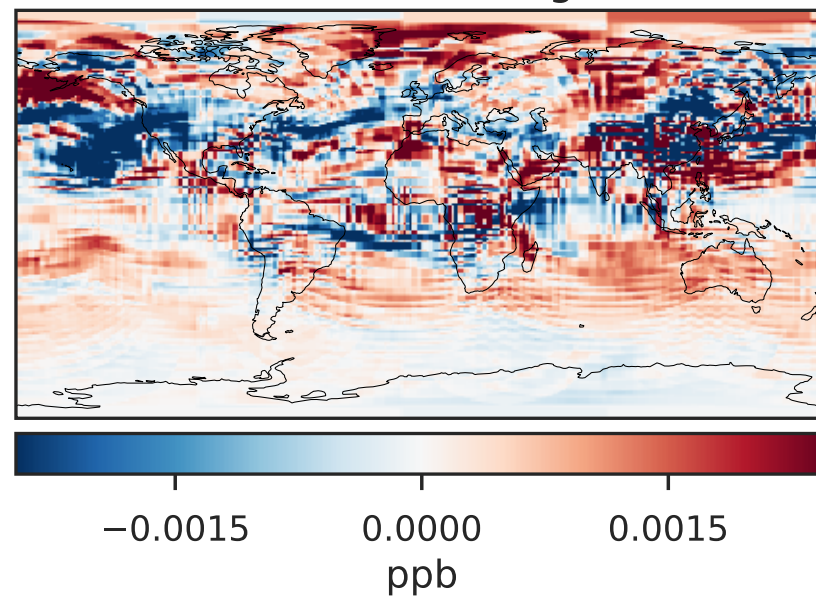
gchp-c24-1Mon-14.2.1 (Dev)
c24



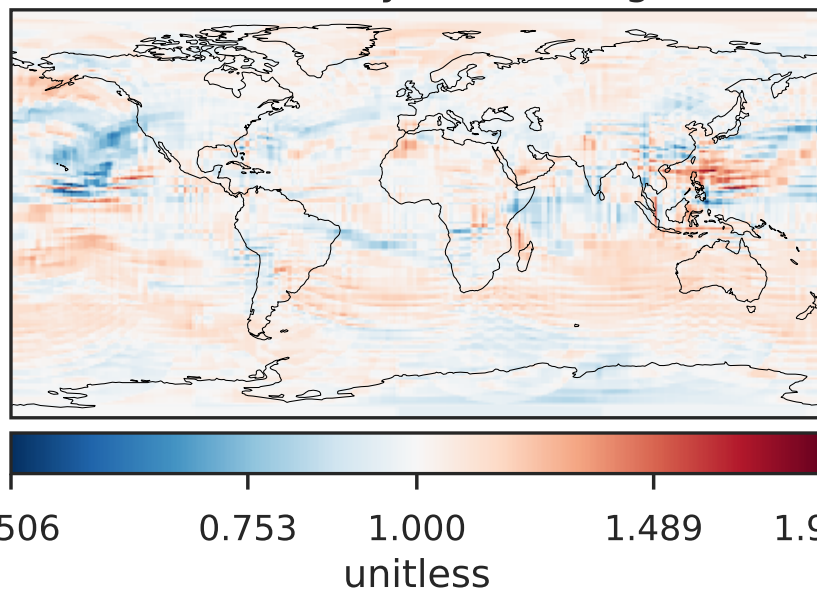
Difference (1x1.25)
Dev - Ref, Dynamic Range



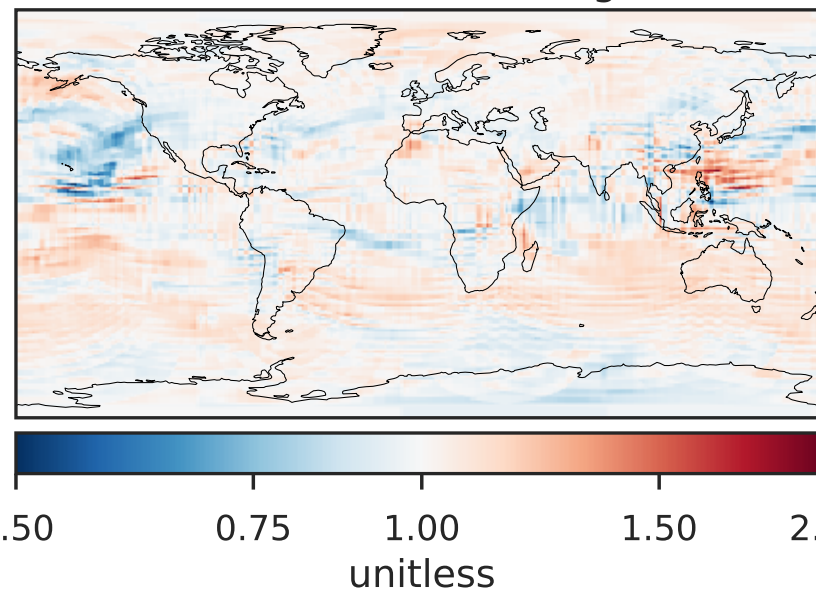
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

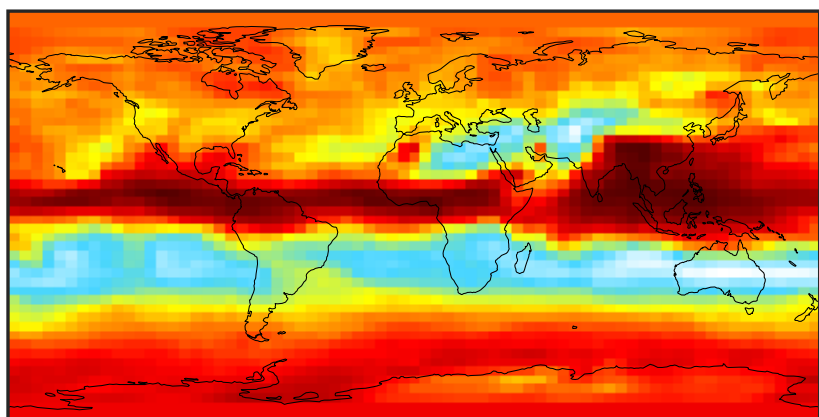


Ratio (1x1.25)
Dev/Ref, Fixed Range



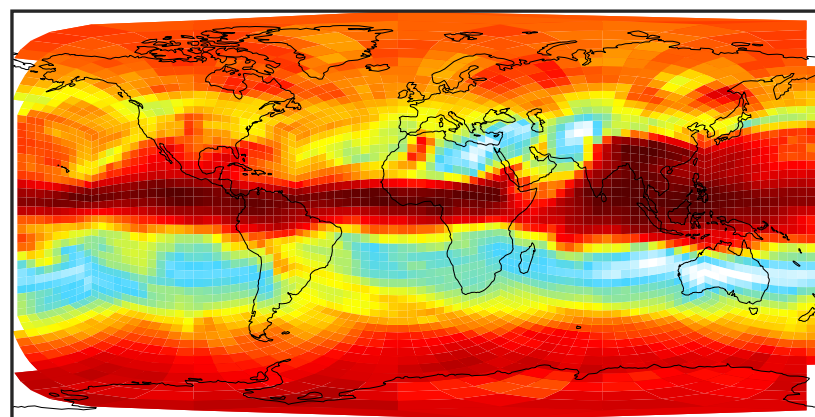
SpeciesConcVV_N2O

gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



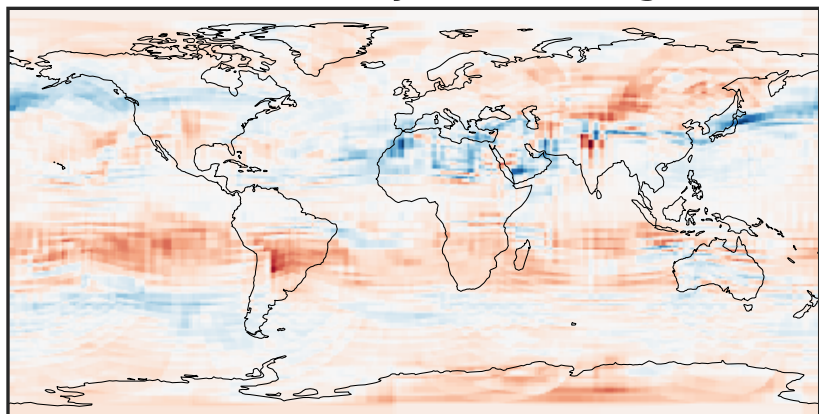
0.0 320.0
ppb

gchp-c24-1Mon-14.2.1 (Dev)
c24



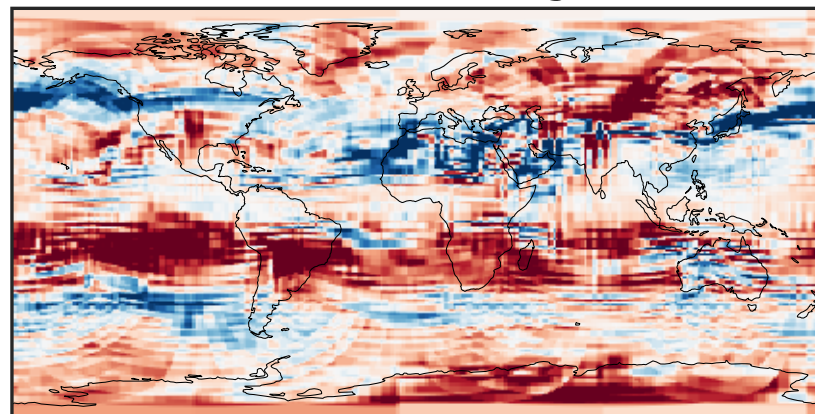
0.0 320.0
ppb

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



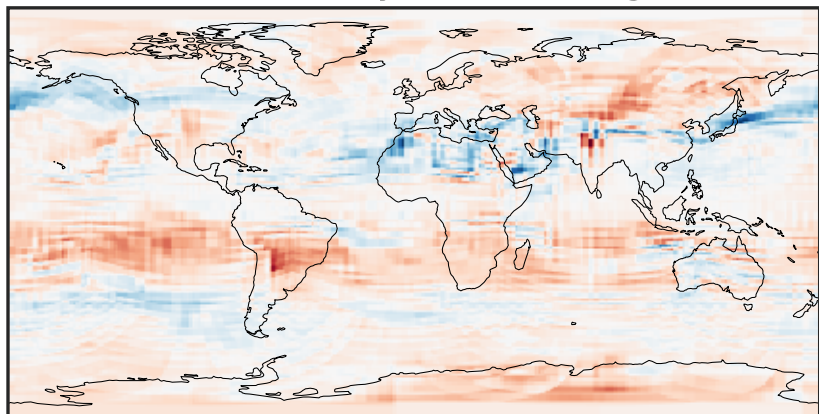
-0.2711 -0.1355 0.0000 0.1355 0.2711
ppb

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



-0.078 -0.039 0.000 0.039 0.078
ppb

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



0.999183 1.000000 1.000818
unitless

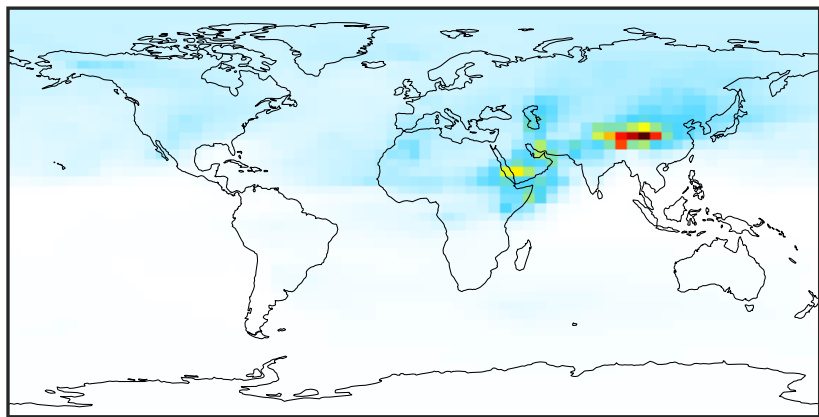
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

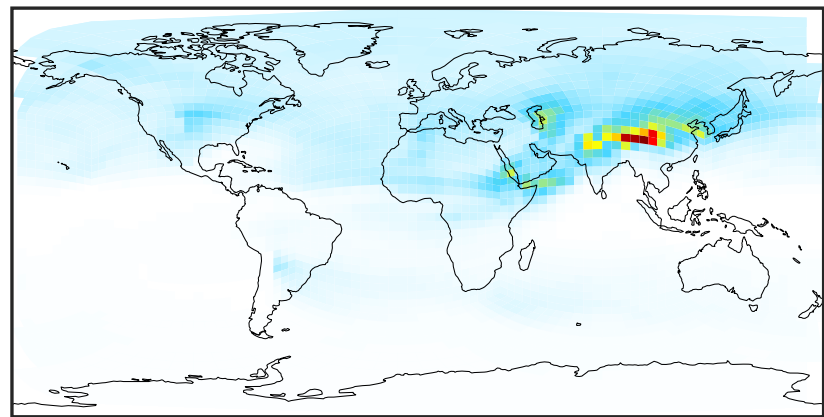
SpeciesConcVV_NHx

gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



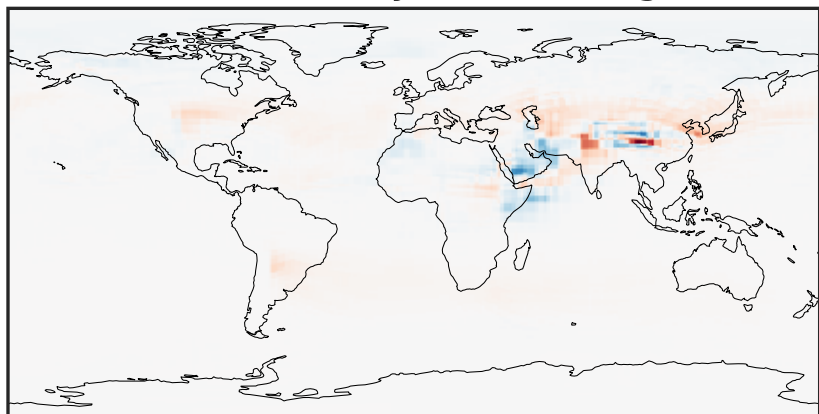
0.001 0.292 0.583 0.875 1.167
ppb

gchp-c24-1Mon-14.2.1 (Dev)
c24



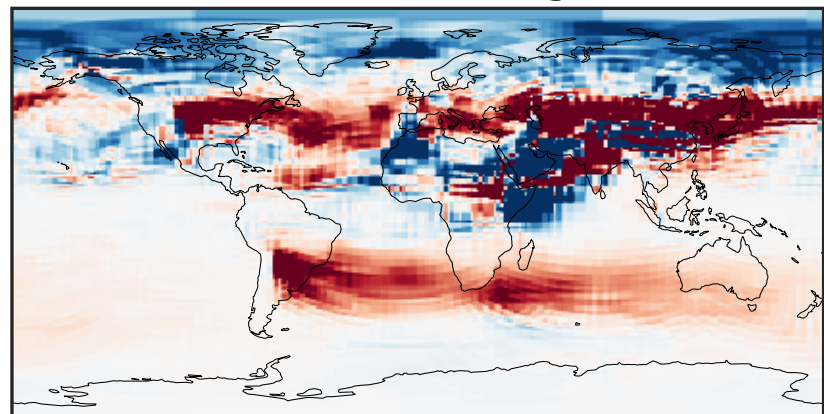
0.001 0.292 0.583 0.875 1.167
ppb

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



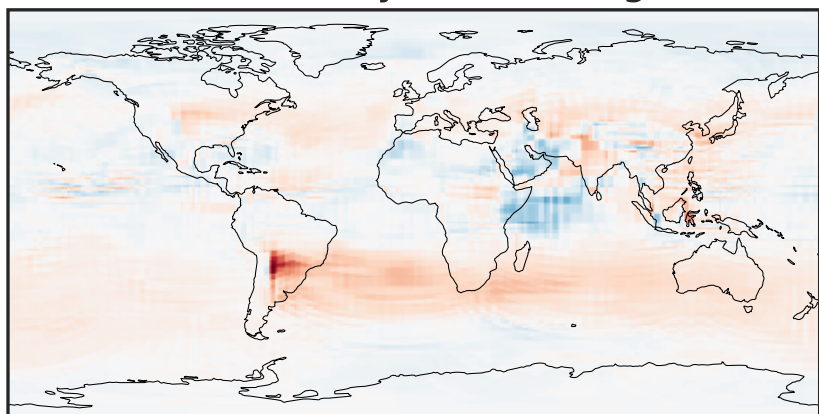
-0.655 -0.328 0.000 0.328 0.655
ppb

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



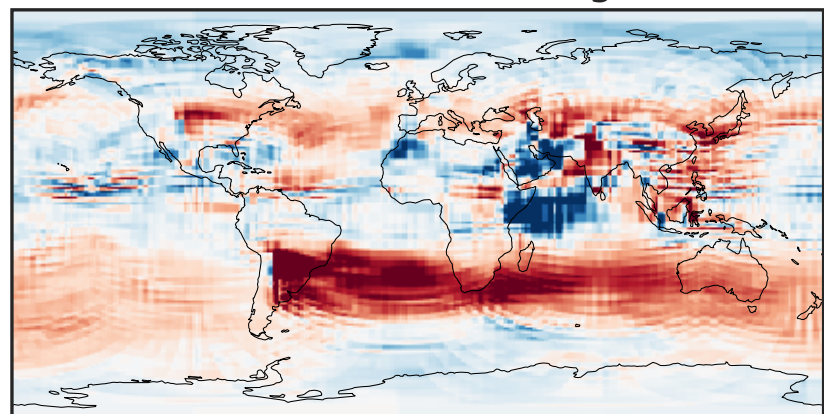
-0.015 0.000 0.015
ppb

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



1e-01 1 10
unitless

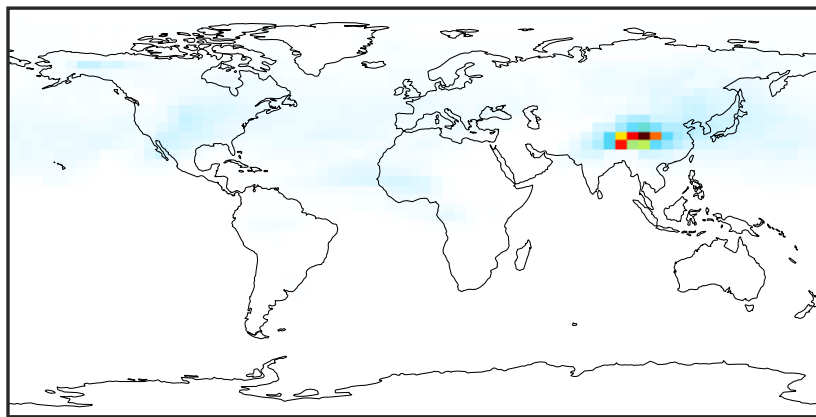
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

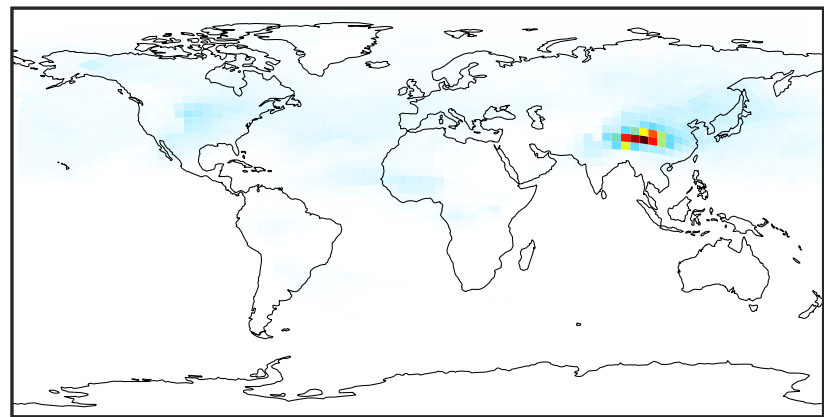
SpeciesConcVV_NH3

gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



0.0000 0.2160 0.4319 0.6479 0.8638
ppb

gchp-c24-1Mon-14.2.1 (Dev)
c24



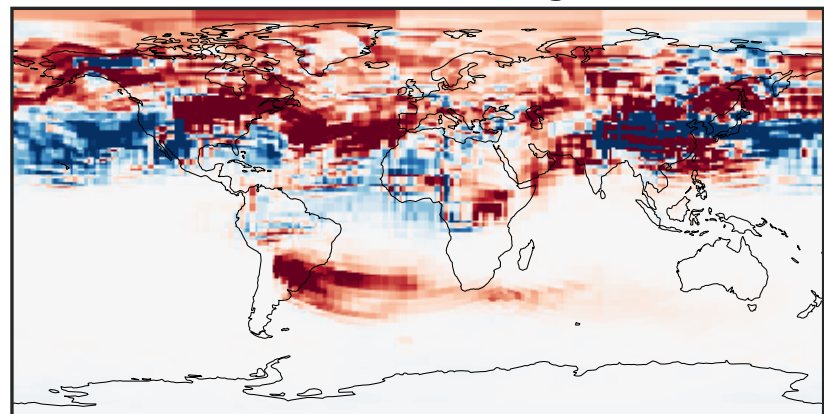
0.0000 0.2160 0.4319 0.6479 0.8638
ppb

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



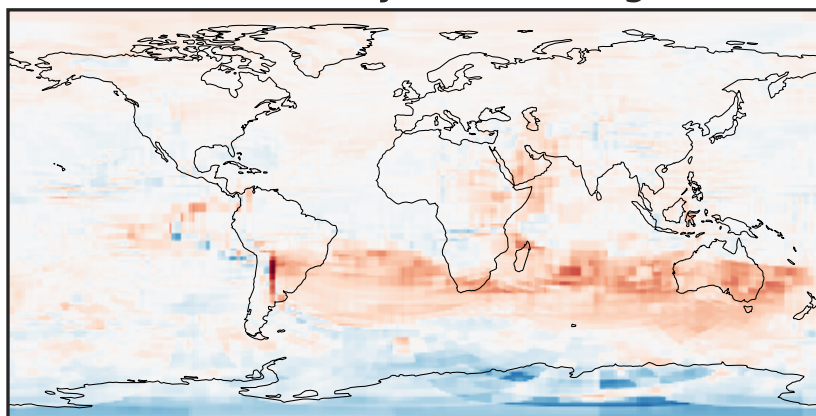
-0.534 -0.267 0.000 0.267 0.534
ppb

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



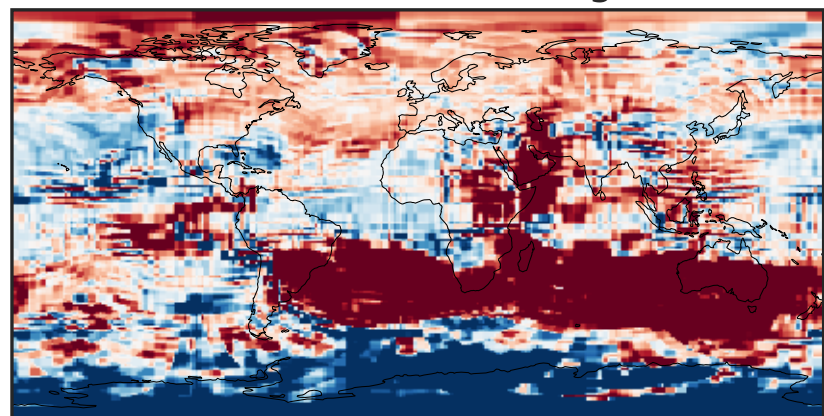
-0.003 0.000 0.003
ppb

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



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

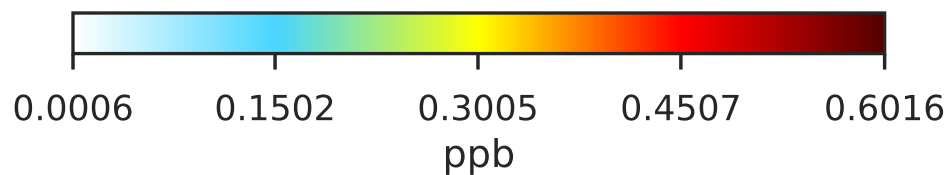
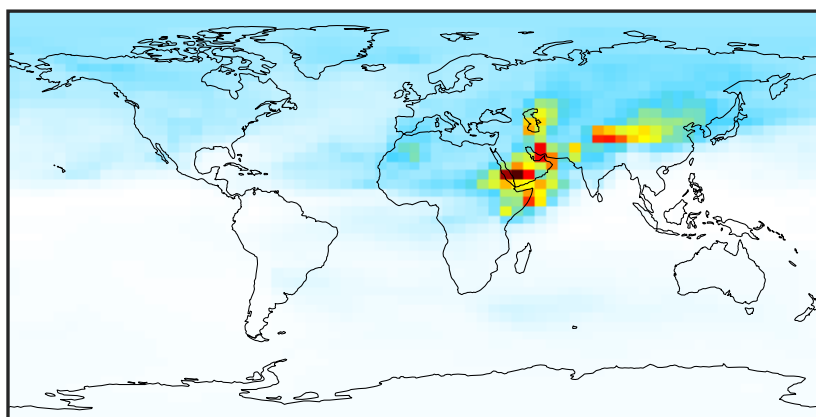
Ratio (1x1.25)
Dev/Ref, Fixed Range



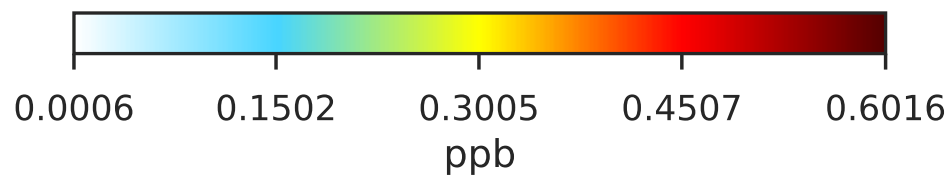
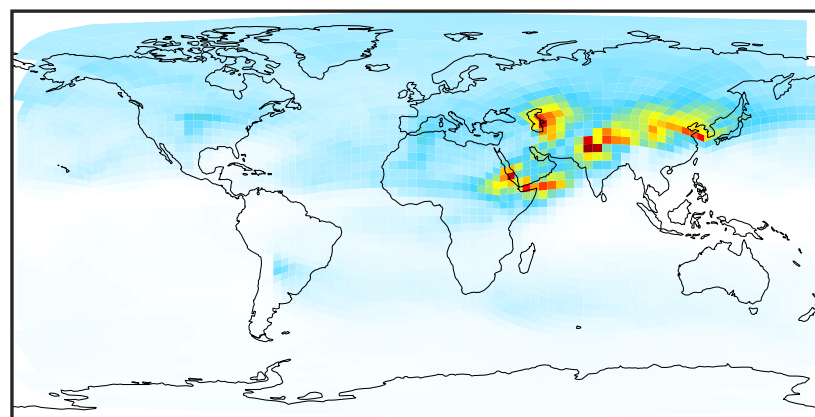
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_NH4

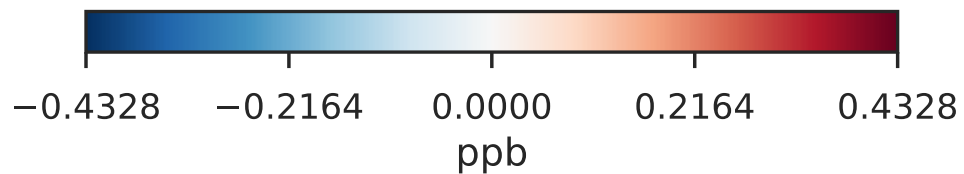
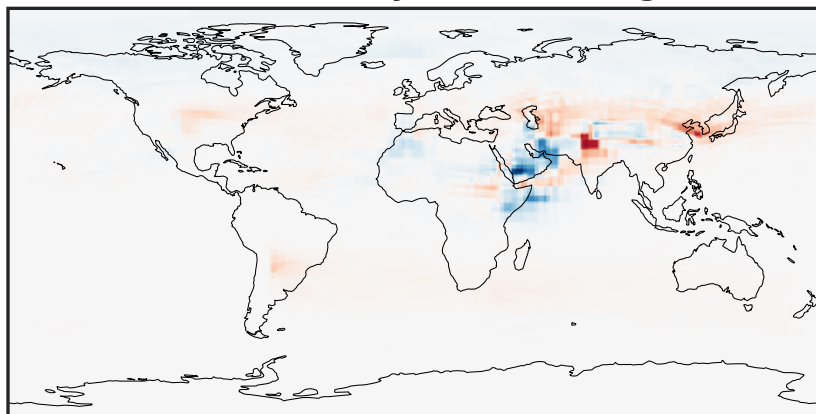
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



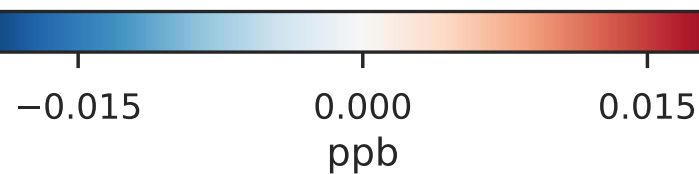
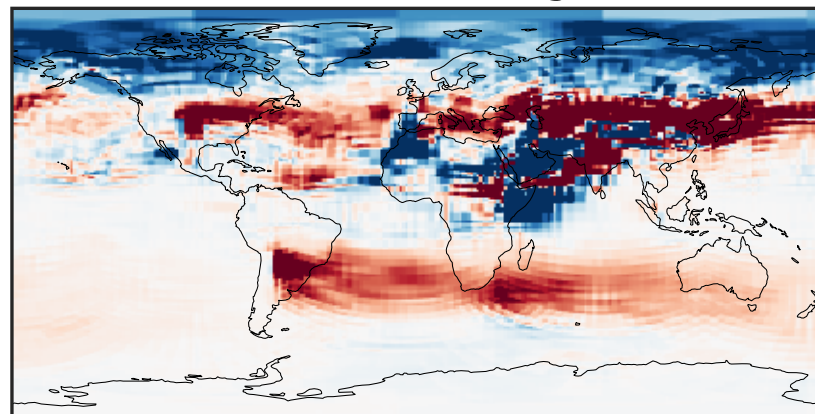
gchp-c24-1Mon-14.2.1 (Dev)
c24



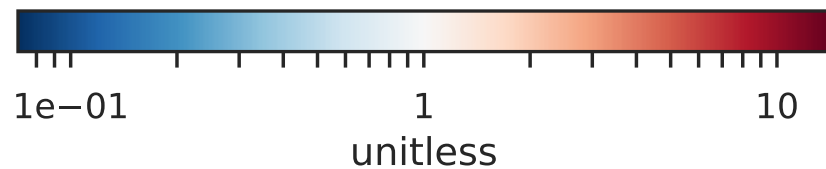
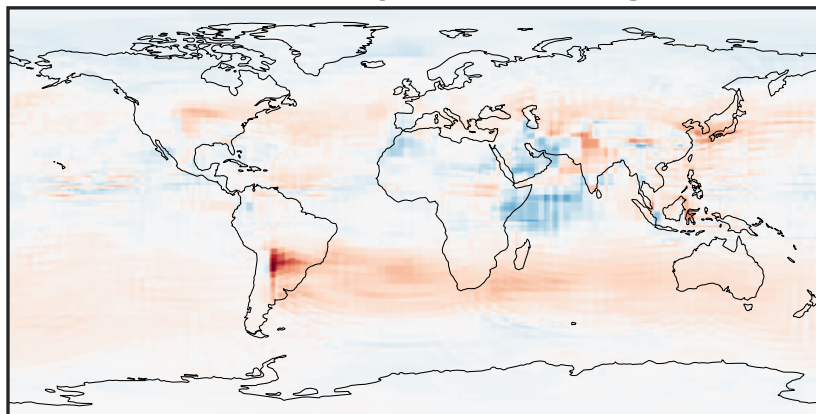
Difference (1x1.25)
Dev - Ref, Dynamic Range



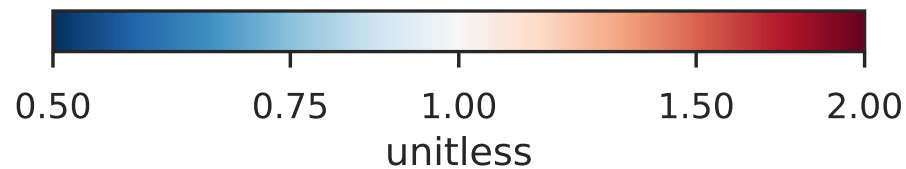
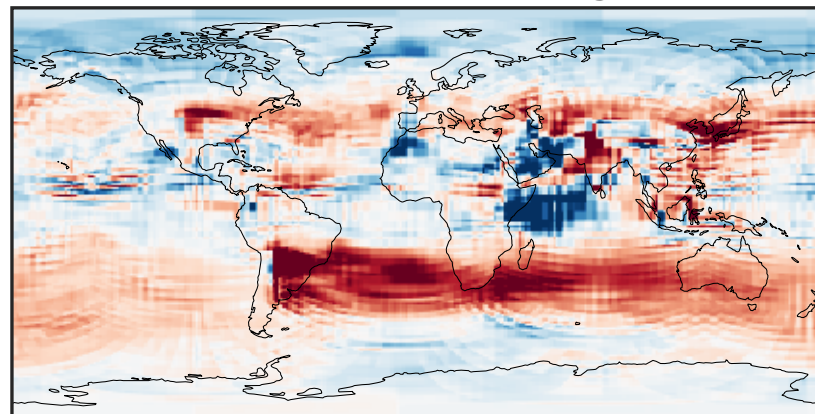
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

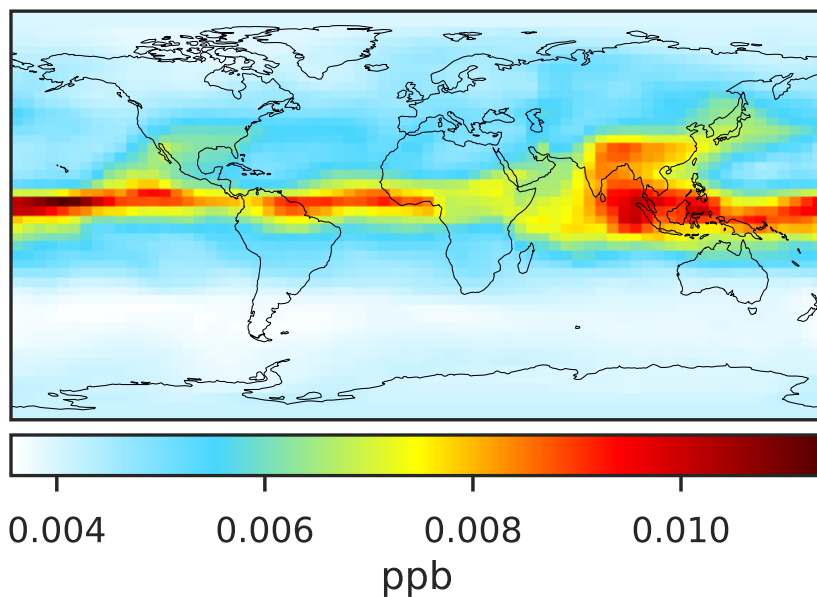


Ratio (1x1.25)
Dev/Ref, Fixed Range

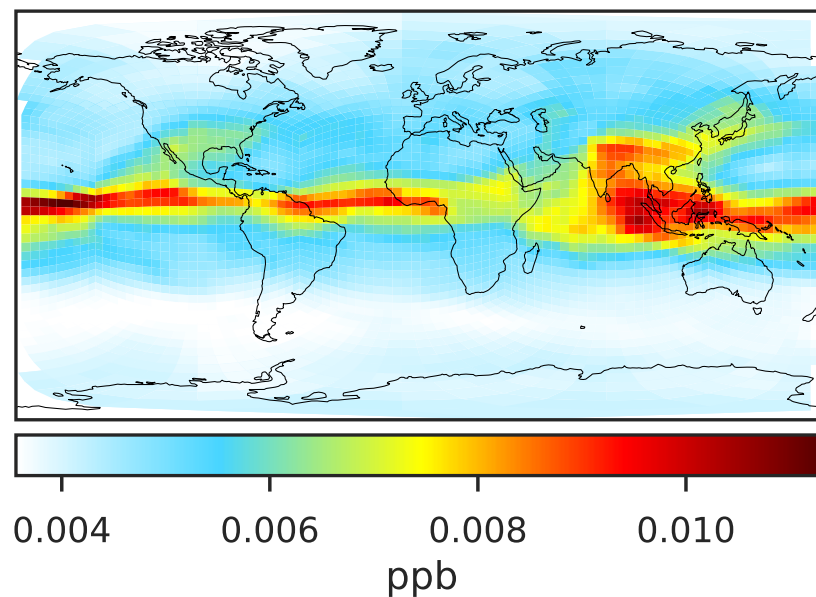


SpeciesConcVV_MENO3

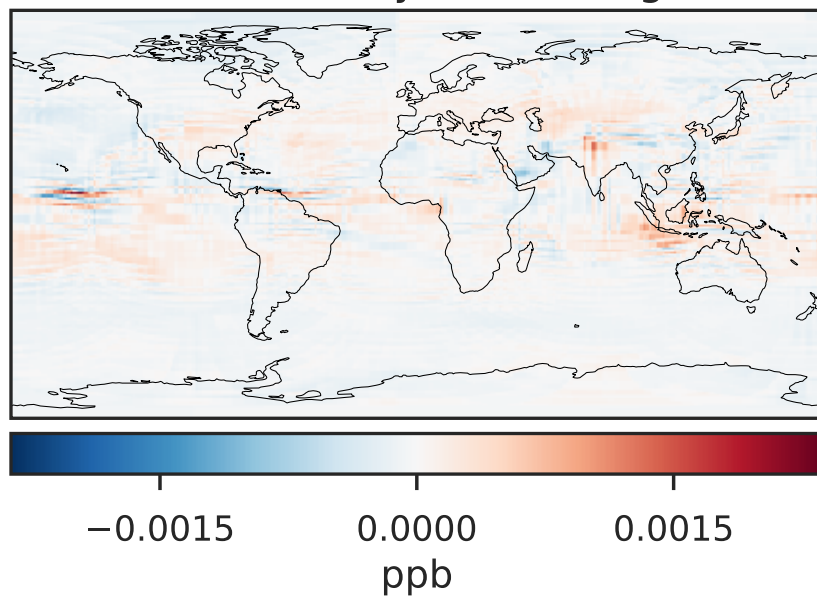
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



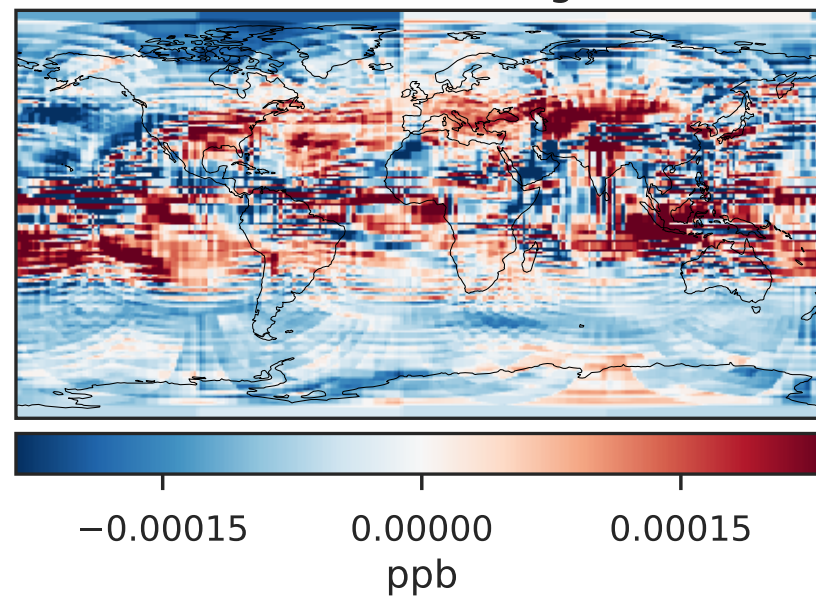
gchp-c24-1Mon-14.2.1 (Dev)
c24



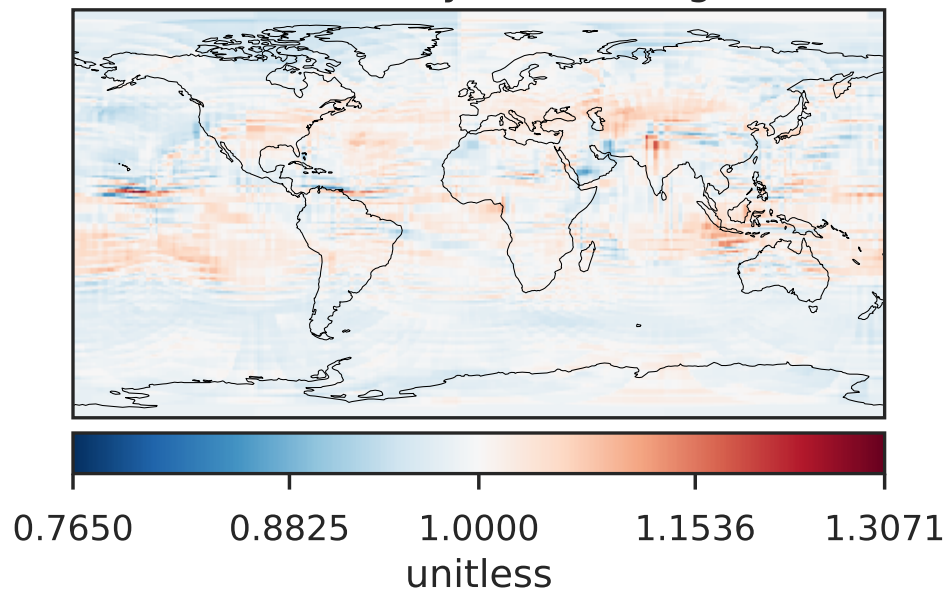
Difference (1x1.25)
Dev - Ref, Dynamic Range



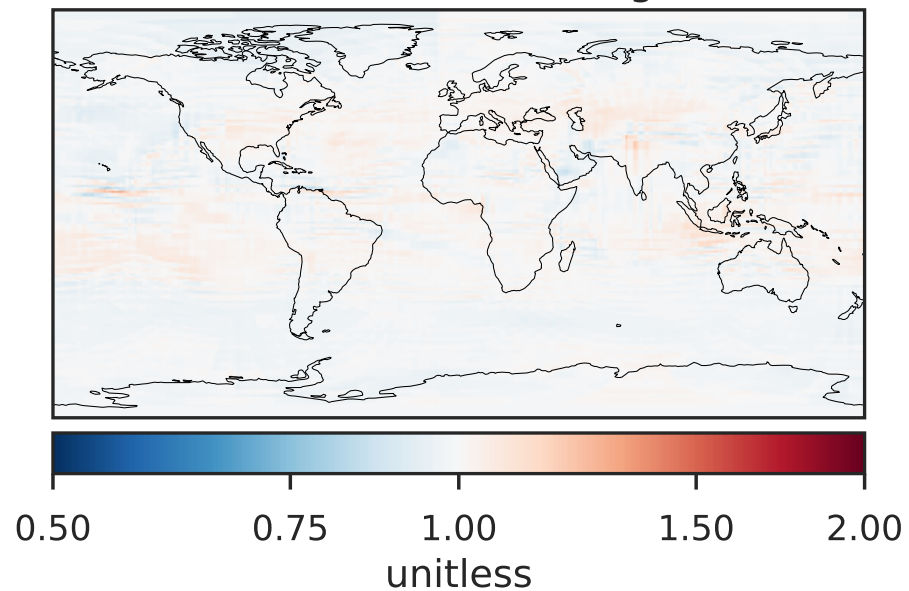
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

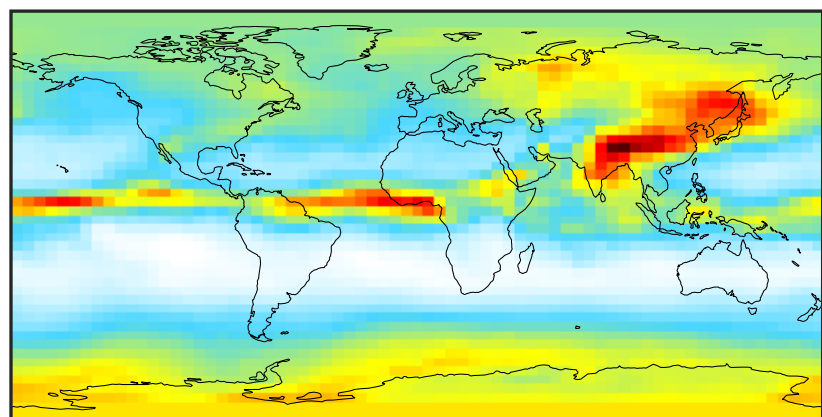


Ratio (1x1.25)
Dev/Ref, Fixed Range



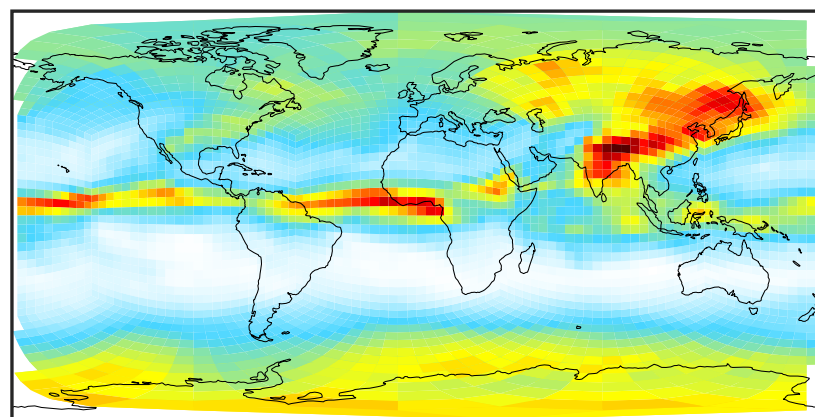
SpeciesConcVV_ETNO3

gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



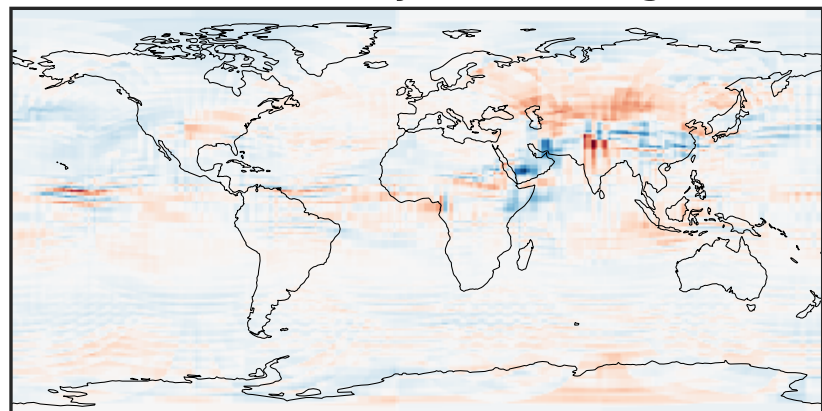
0.0016 0.0024 0.0032 0.0040
ppb

gchp-c24-1Mon-14.2.1 (Dev)
c24



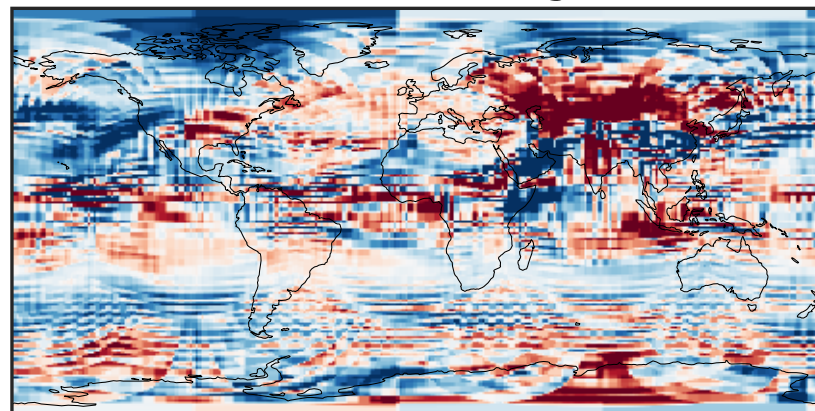
0.0016 0.0024 0.0032 0.0040
ppb

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



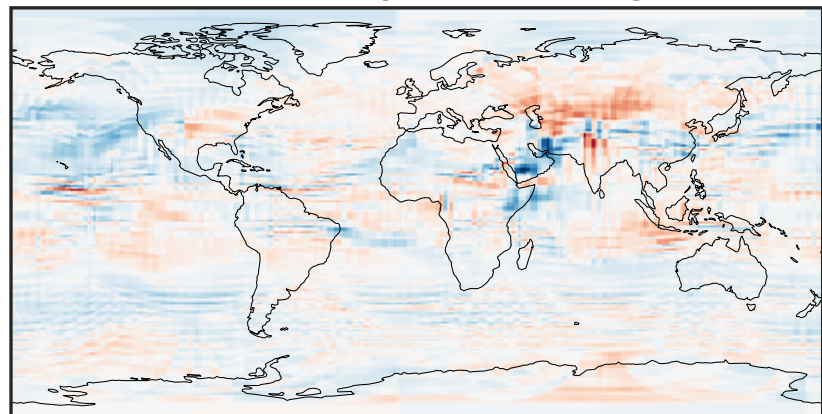
-0.0005 0.0000 0.0005
ppb

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



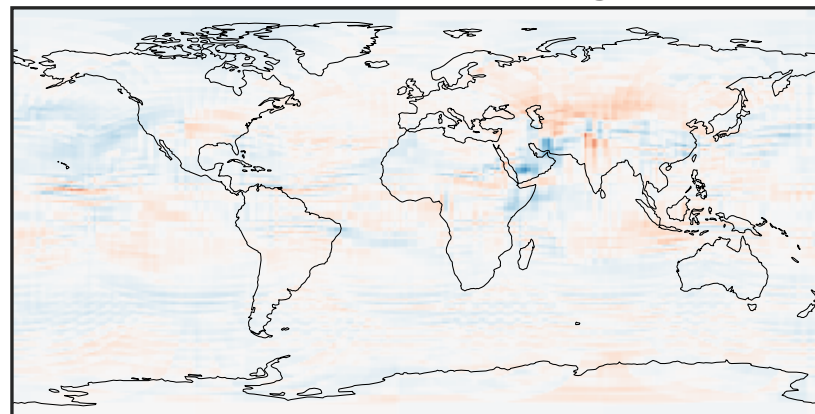
-8 0 8
ppb $1e-5$

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



0.6934 0.8467 1.0000 1.2211 1.4421
unitless

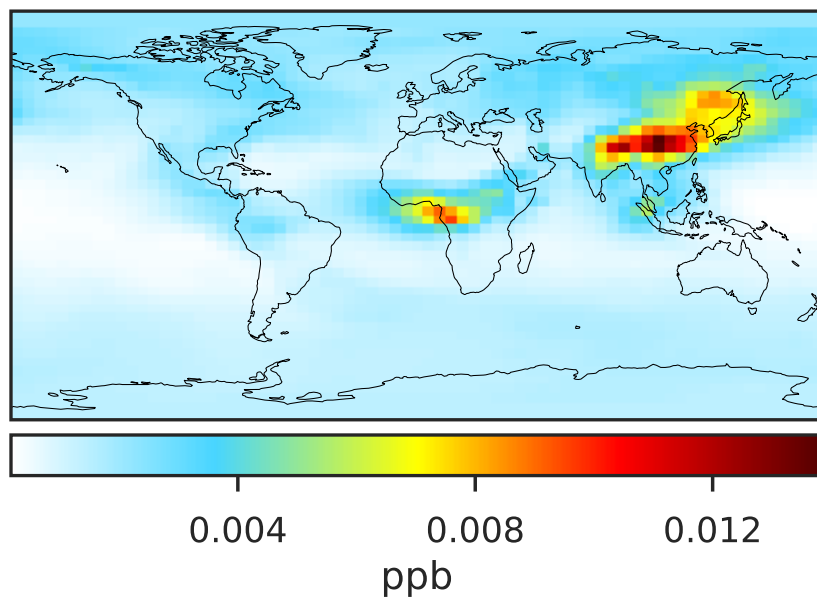
Ratio (1x1.25)
Dev/Ref, Fixed Range



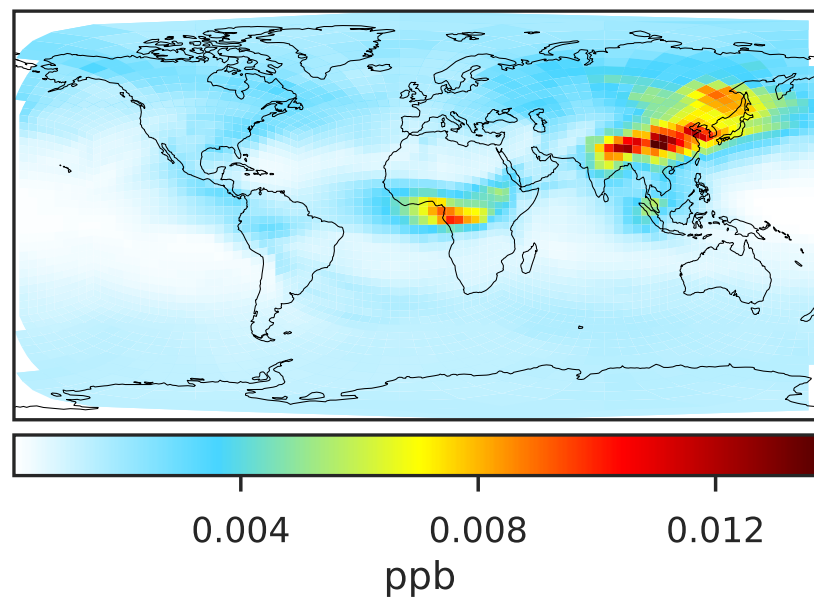
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_IPRNO3

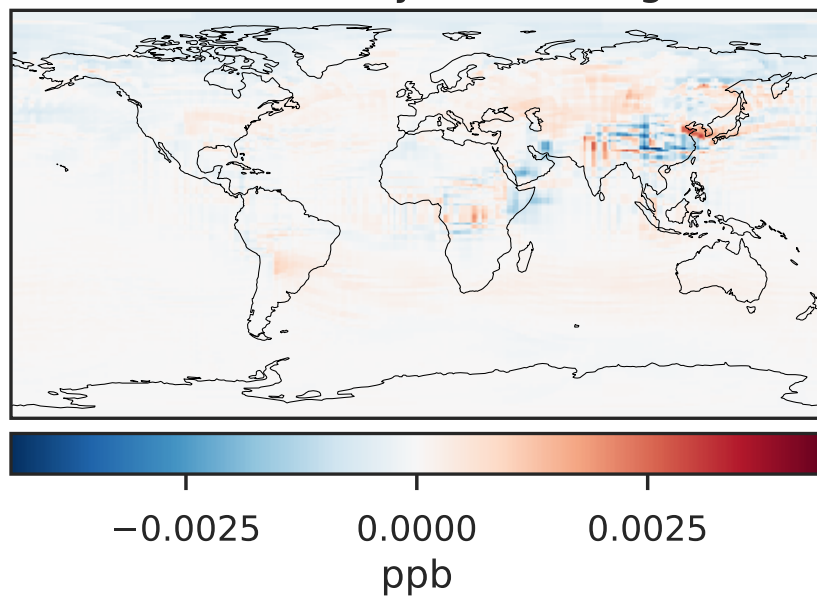
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



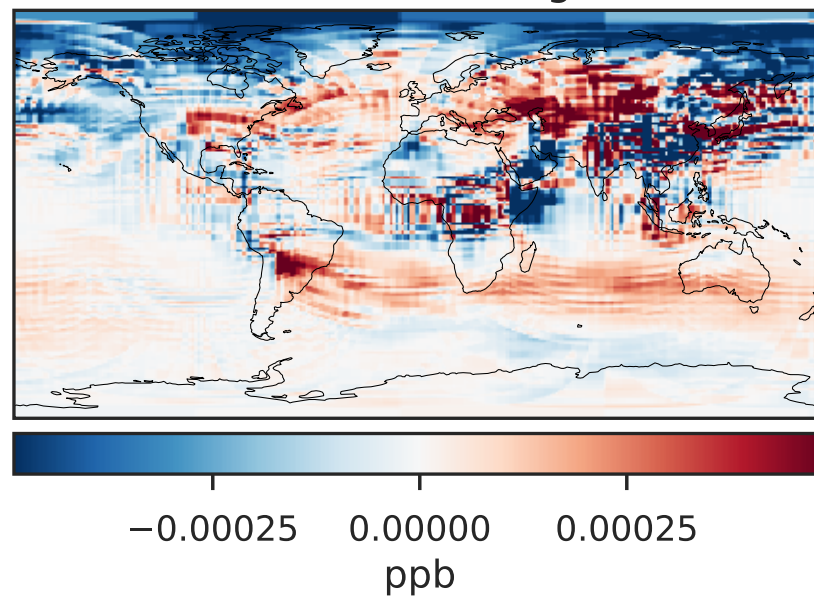
gchp-c24-1Mon-14.2.1 (Dev)
c24



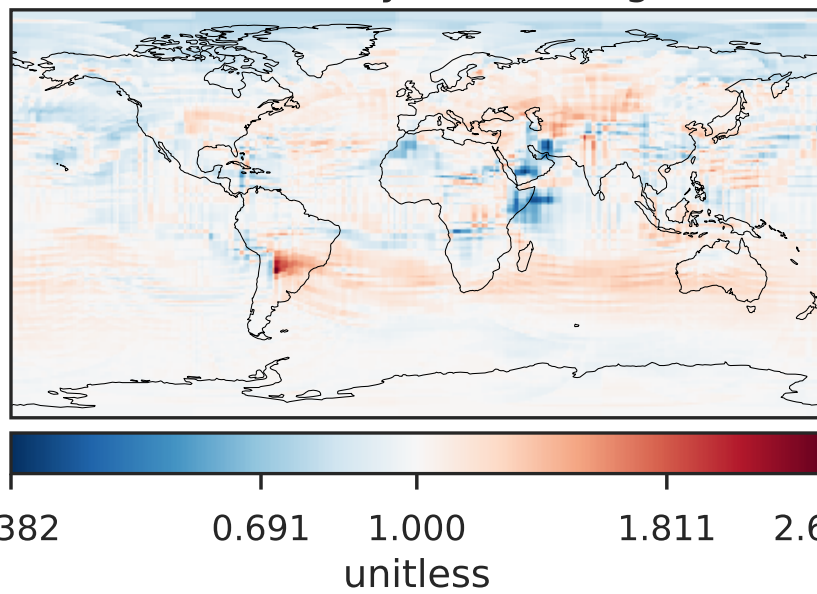
Difference (1x1.25)
Dev - Ref, Dynamic Range



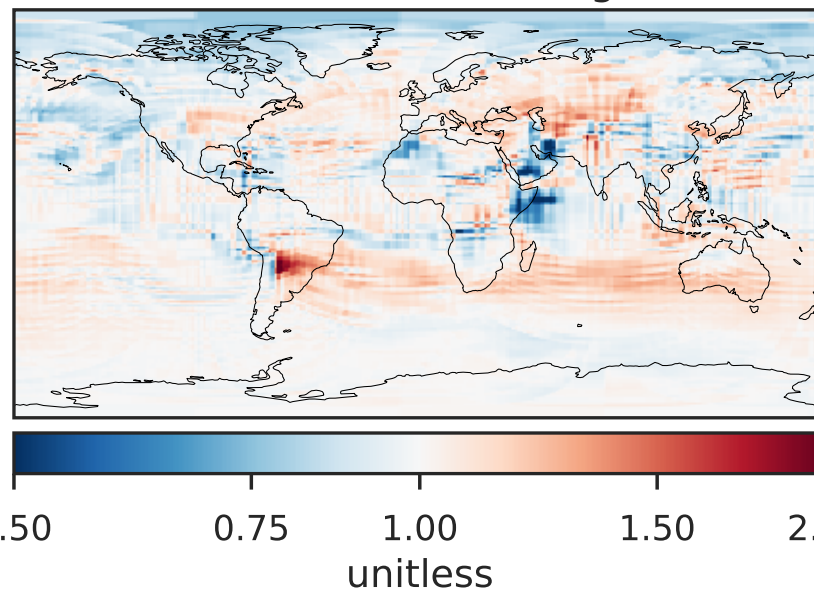
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

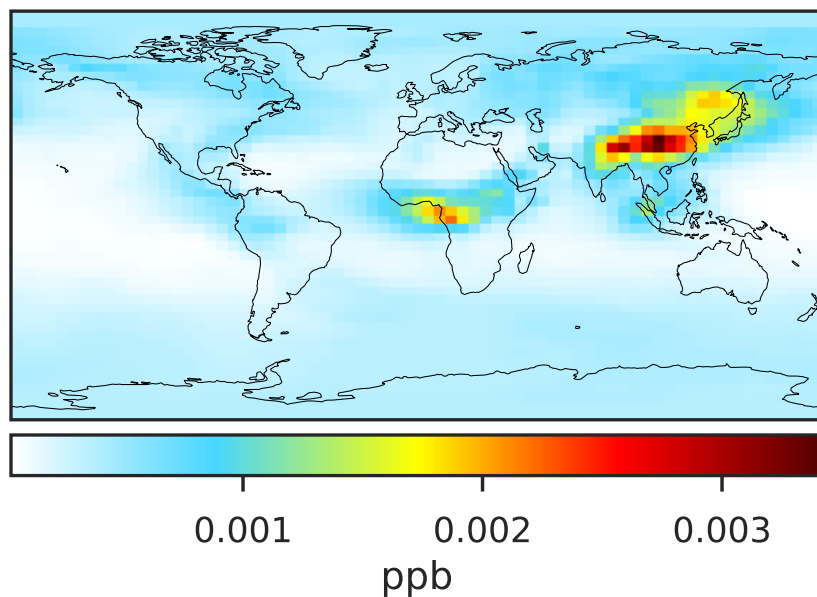


Ratio (1x1.25)
Dev/Ref, Fixed Range

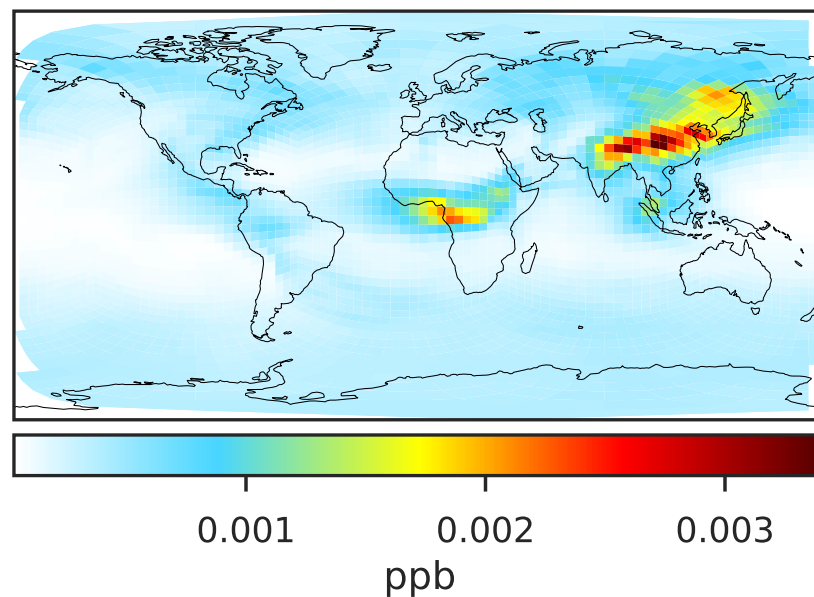


SpeciesConcVW_NPRNO3

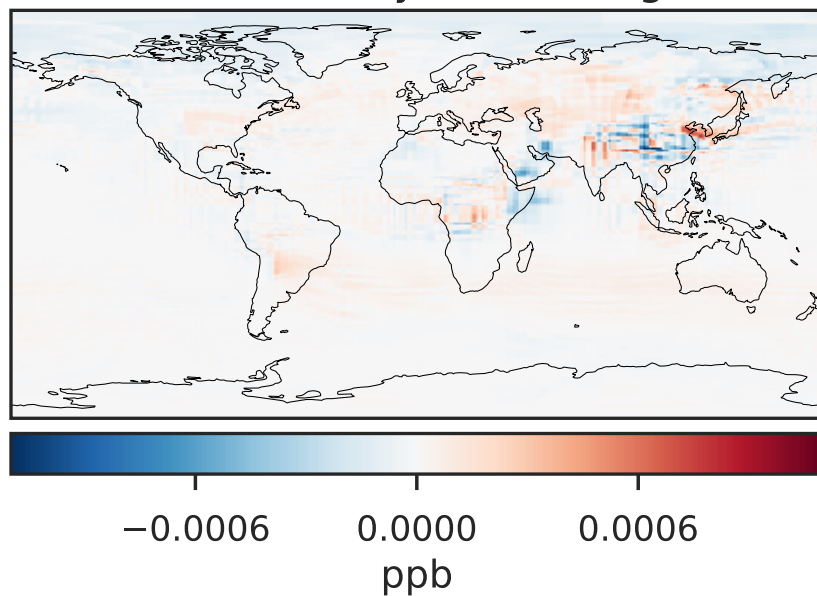
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



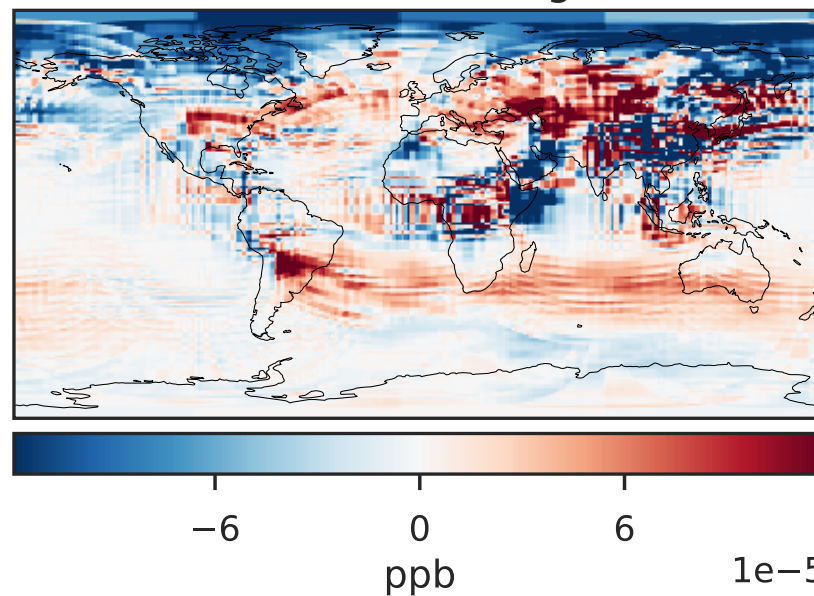
gchp-c24-1Mon-14.2.1 (Dev)
c24



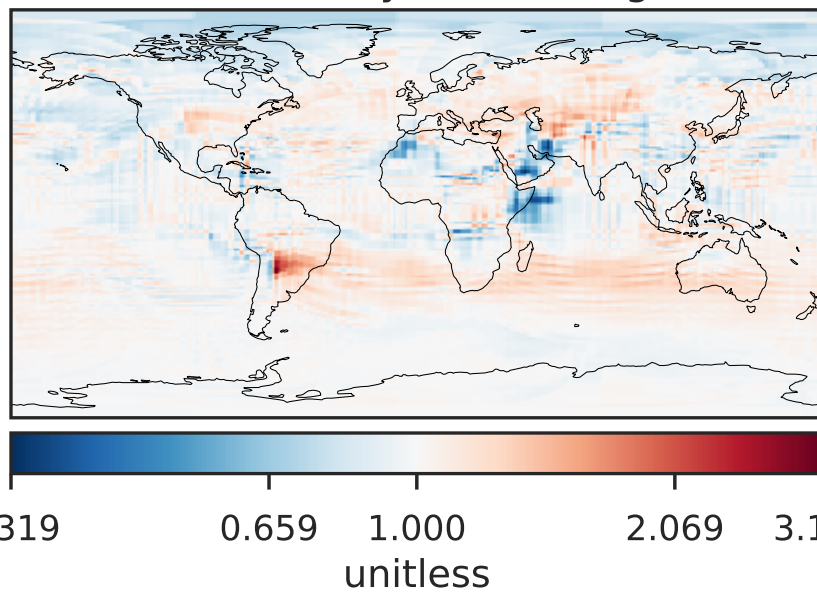
Difference (1x1.25)
Dev - Ref, Dynamic Range



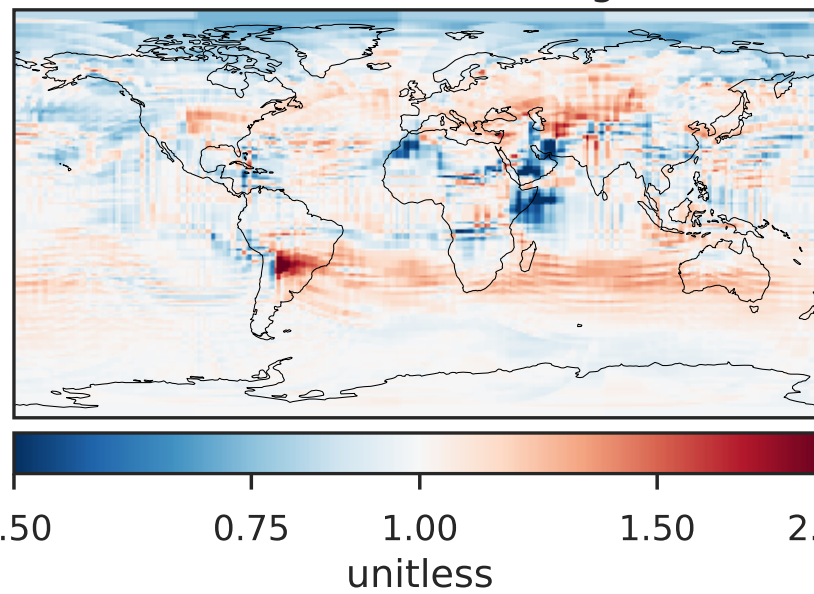
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

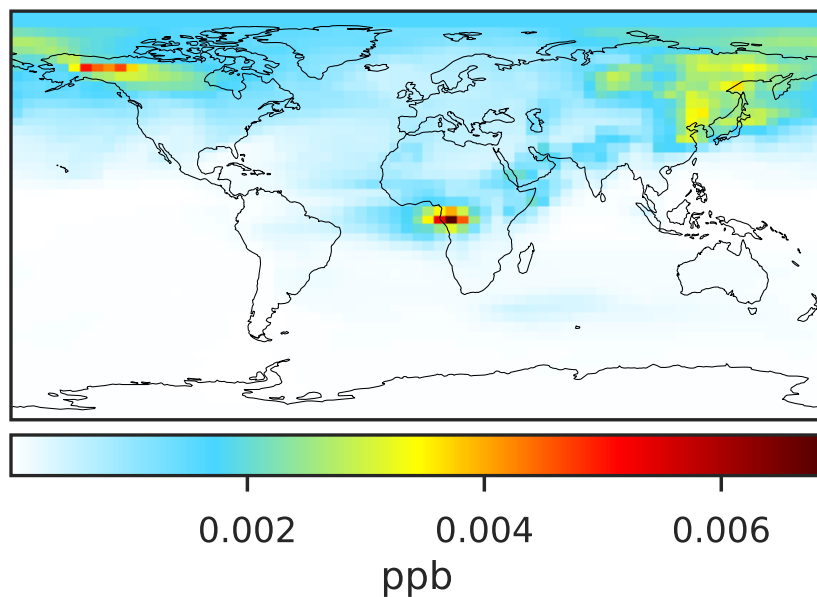


Ratio (1x1.25)
Dev/Ref, Fixed Range

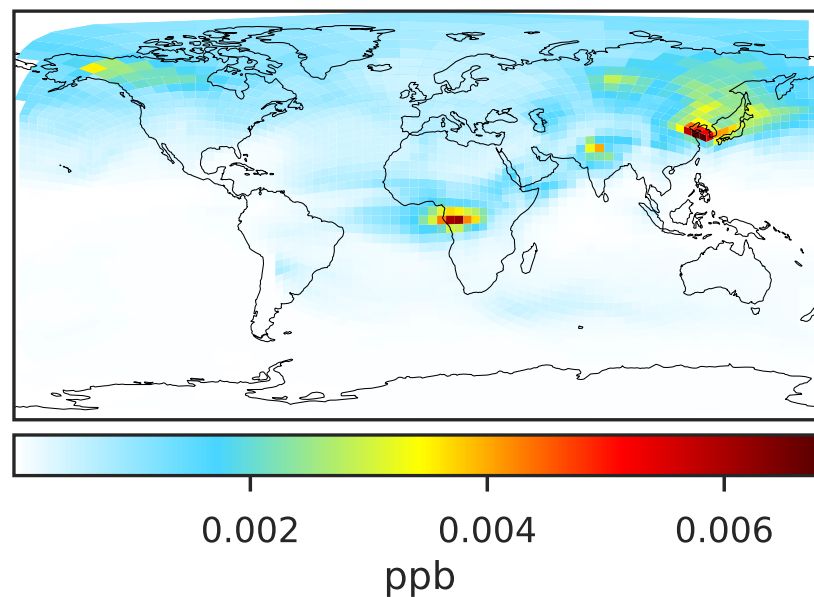


SpeciesConcVW_AONITA

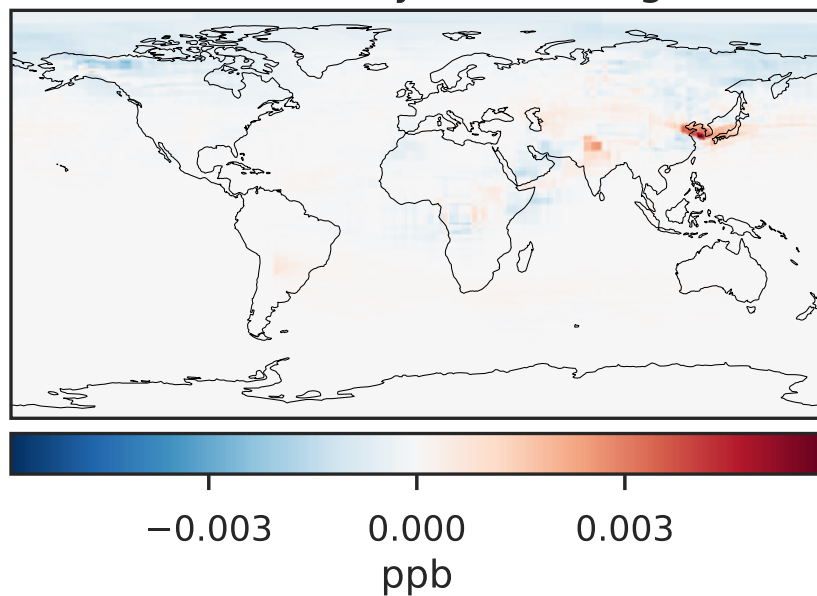
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



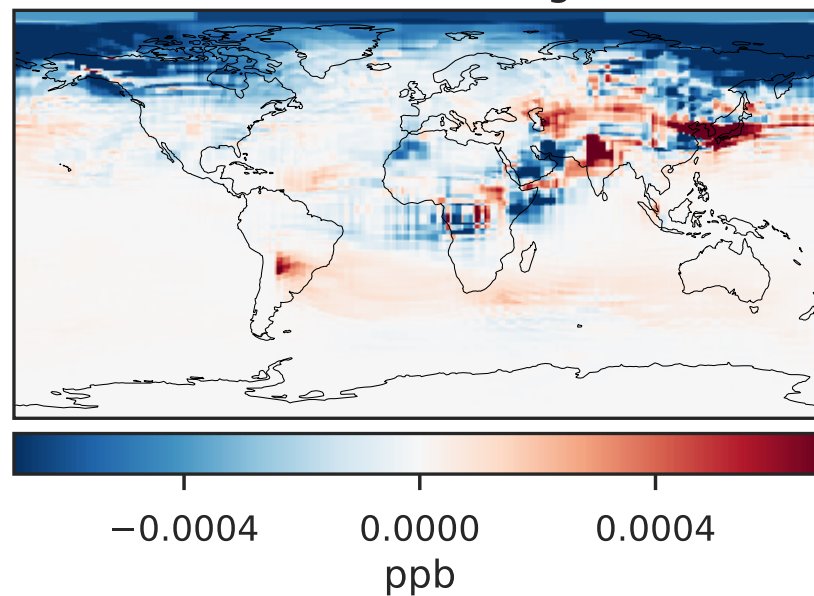
gchp-c24-1Mon-14.2.1 (Dev)
c24



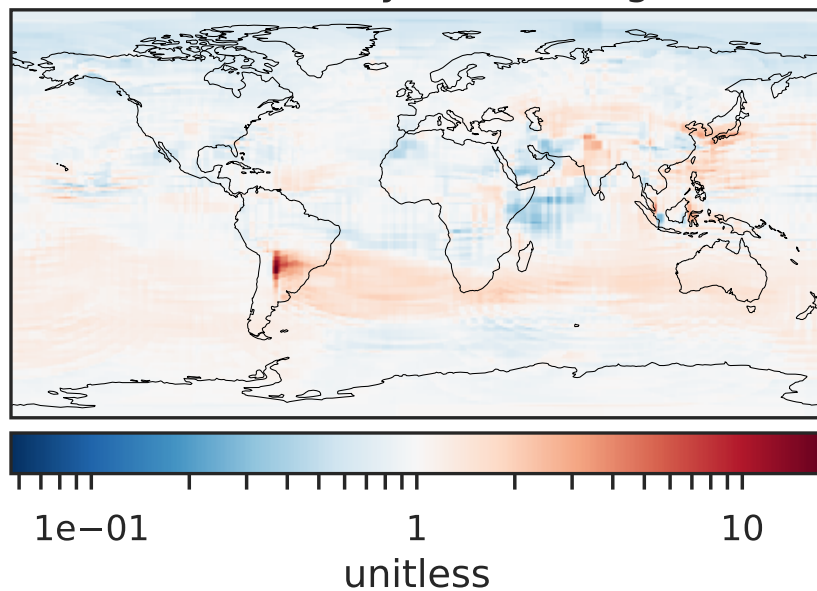
Difference (1x1.25)
Dev - Ref, Dynamic Range



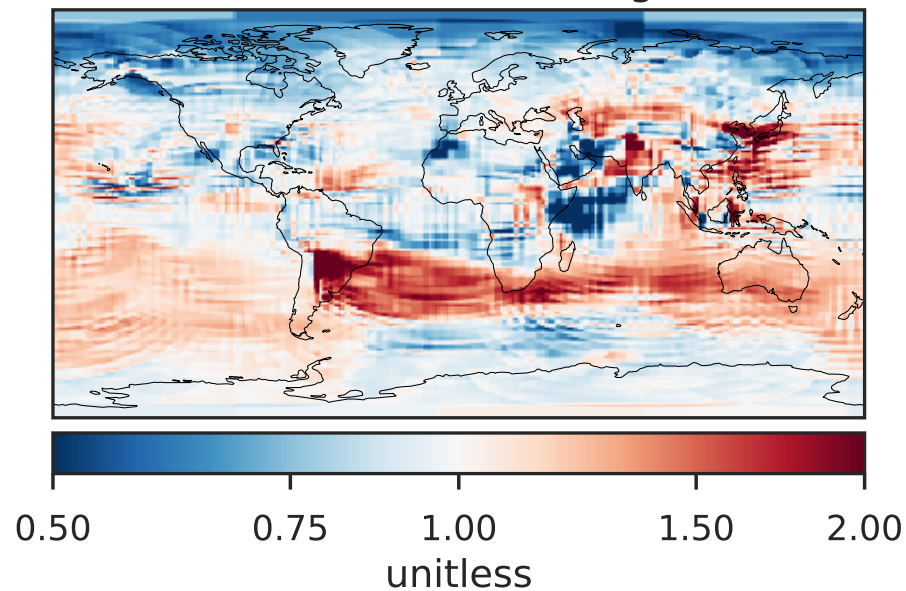
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

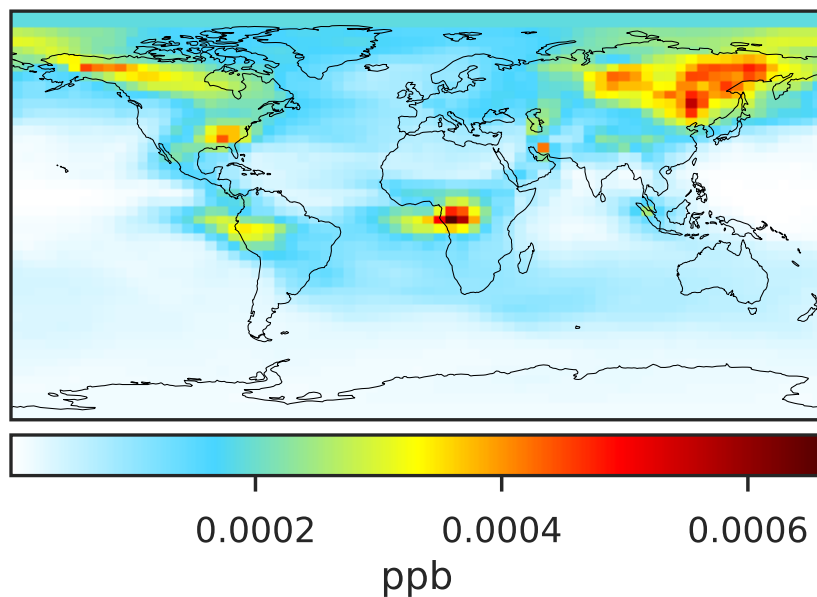


Ratio (1x1.25)
Dev/Ref, Fixed Range

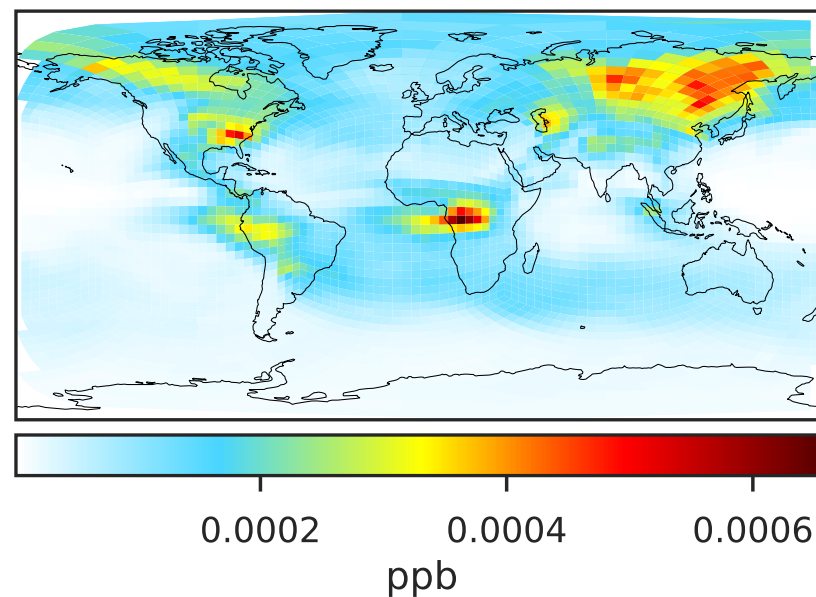


SpeciesConcVV_ETHN

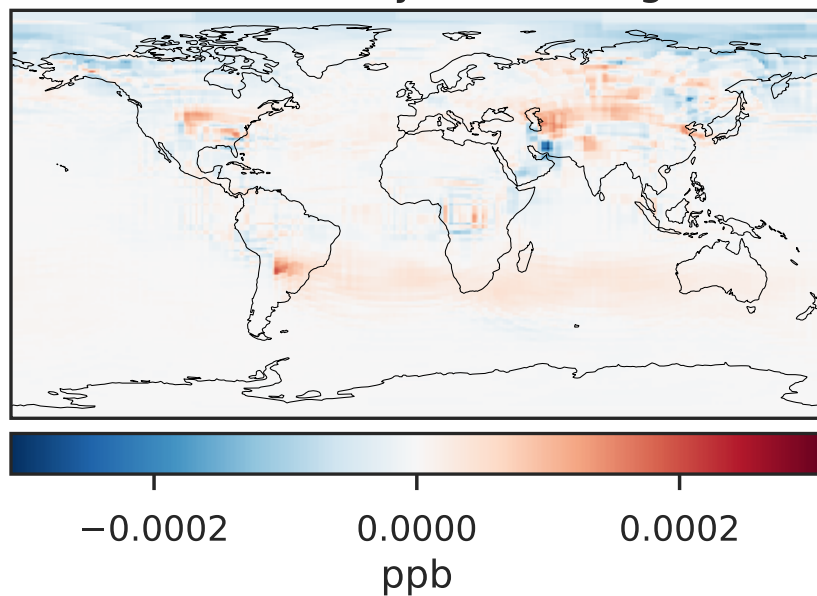
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



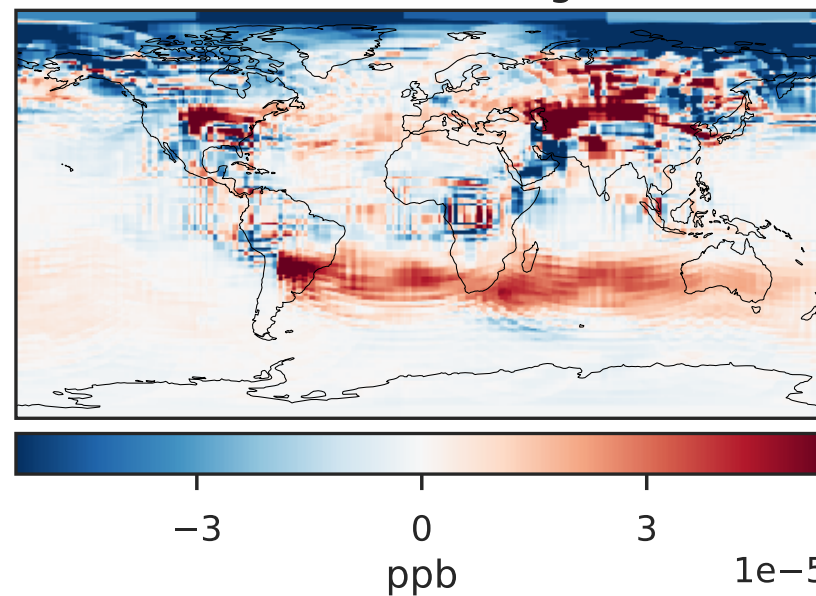
gchp-c24-1Mon-14.2.1 (Dev)
c24



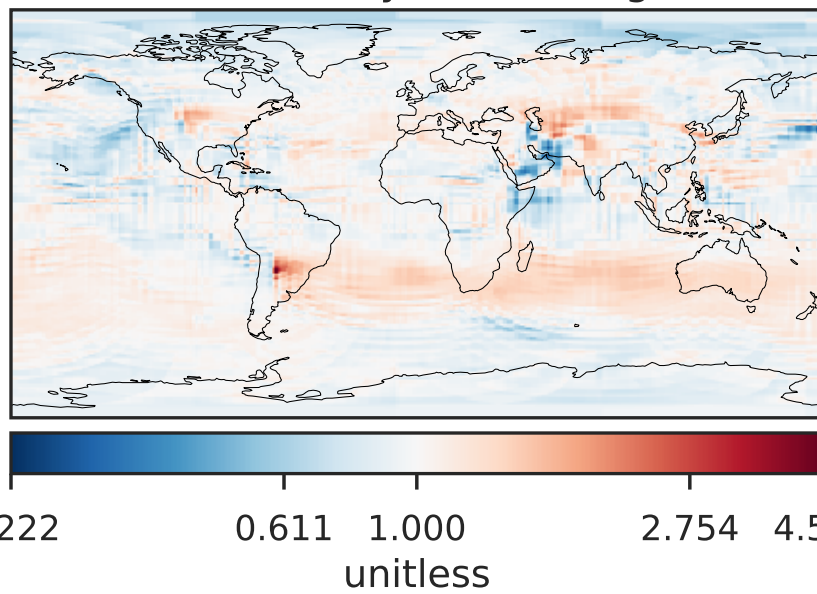
Difference (1x1.25)
Dev - Ref, Dynamic Range



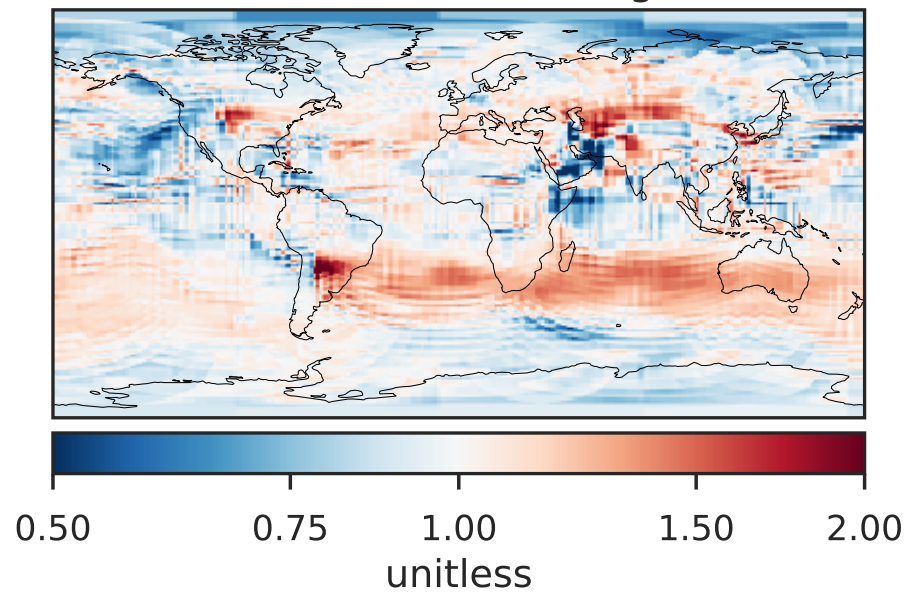
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

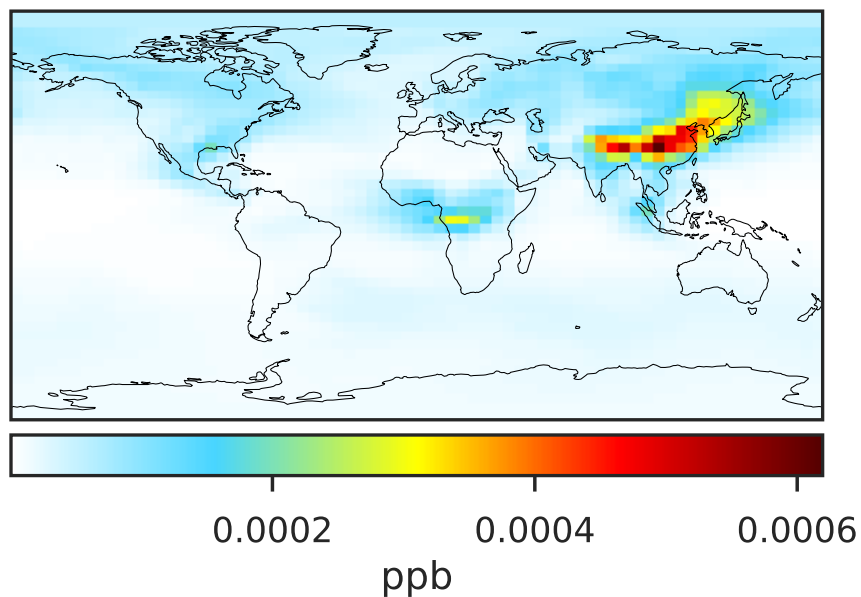


Ratio (1x1.25)
Dev/Ref, Fixed Range

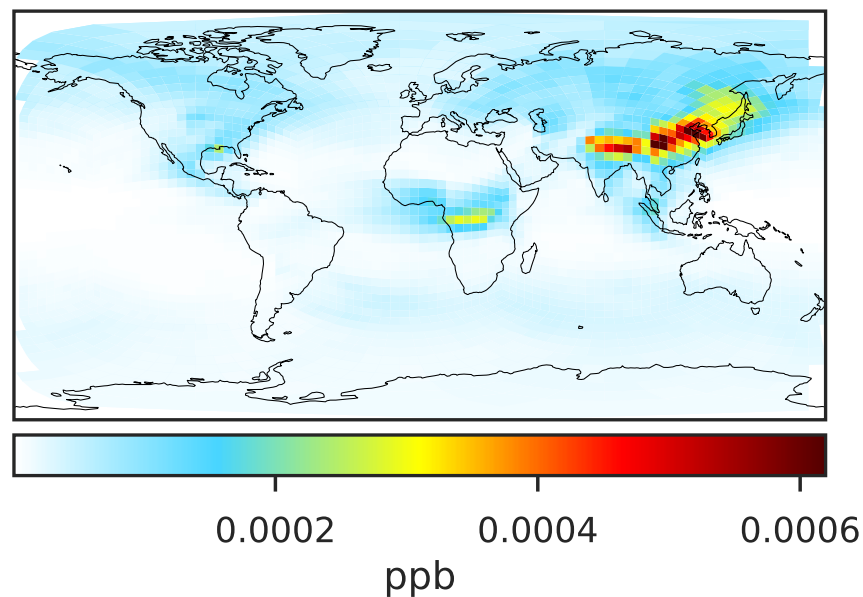


SpeciesConcVV_BZPAN

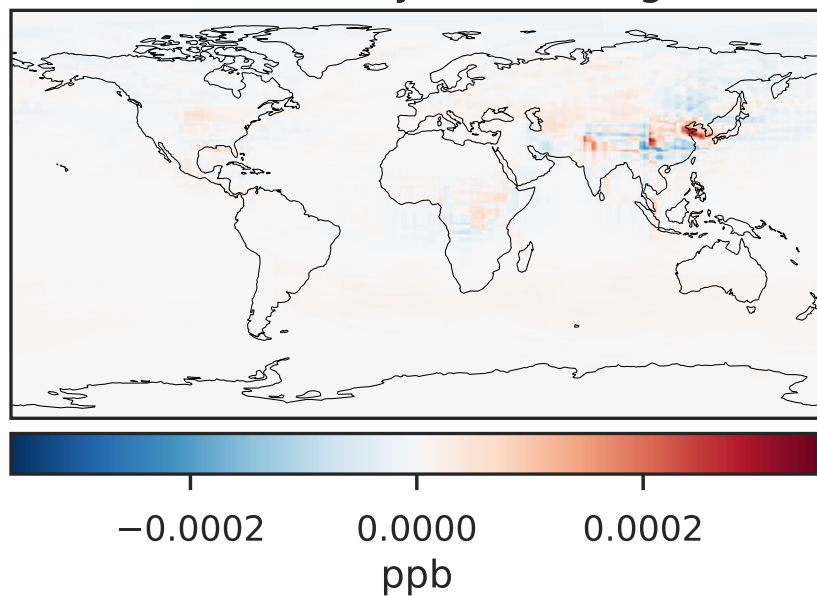
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



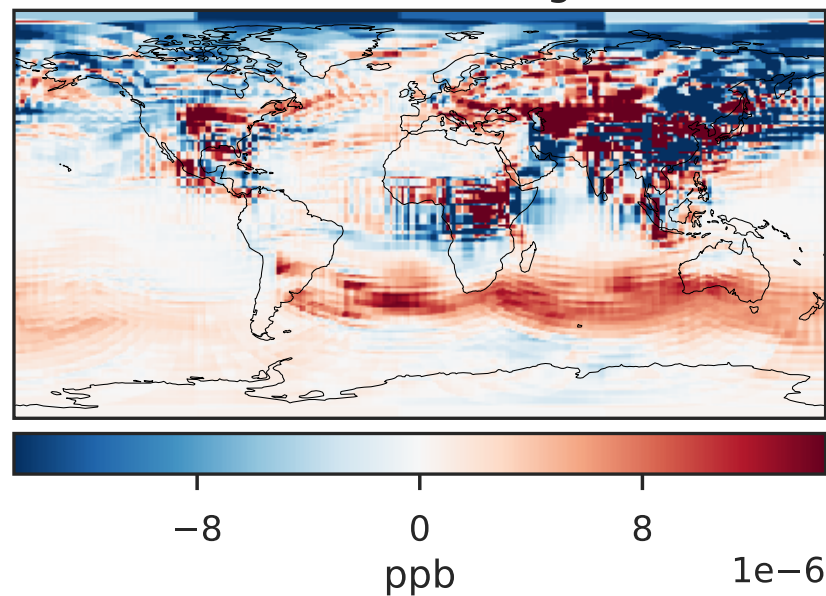
gchp-c24-1Mon-14.2.1 (Dev)
c24



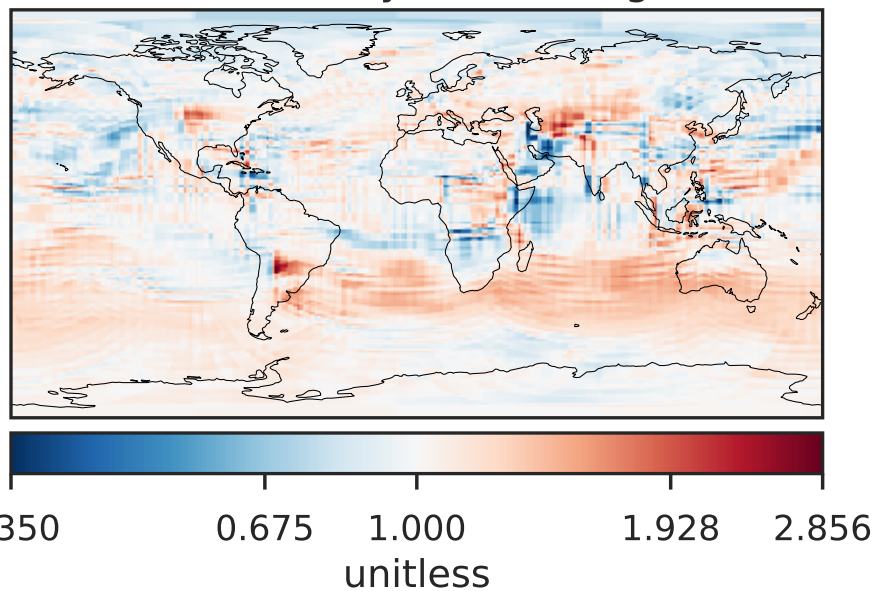
Difference (1x1.25)
Dev - Ref, Dynamic Range



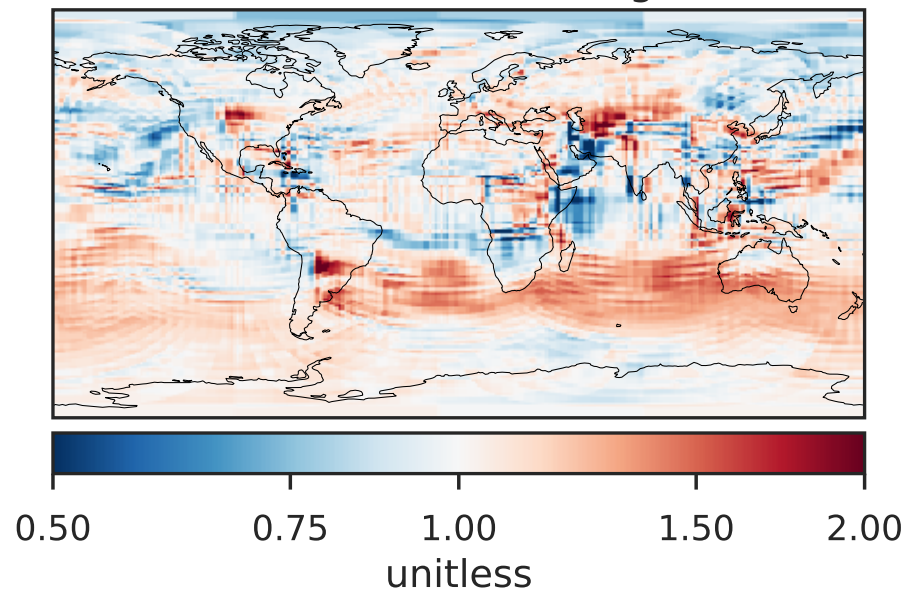
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

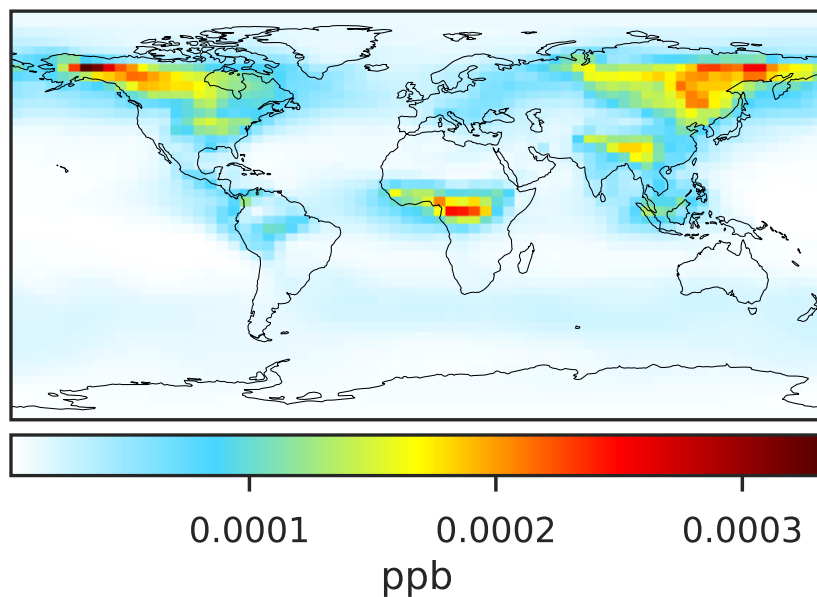


Ratio (1x1.25)
Dev/Ref, Fixed Range

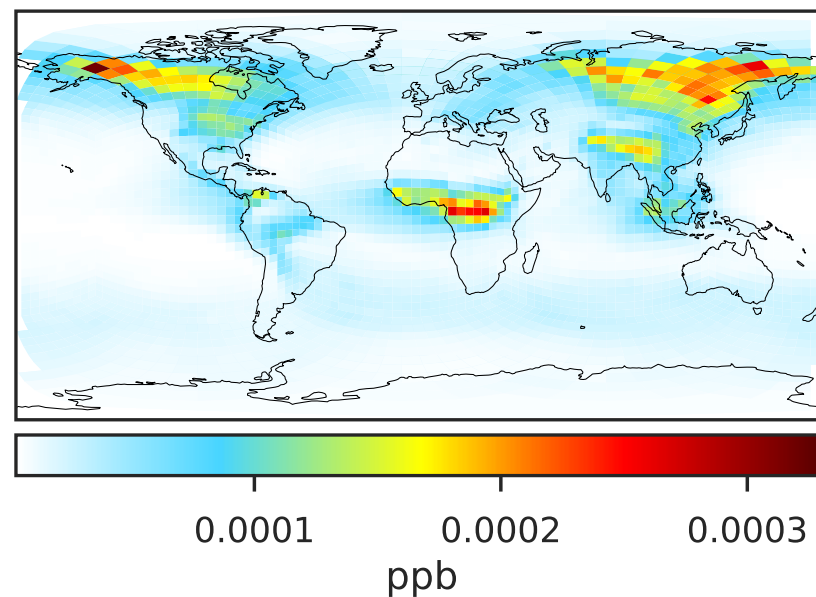


SpeciesConcVV_NPHEN

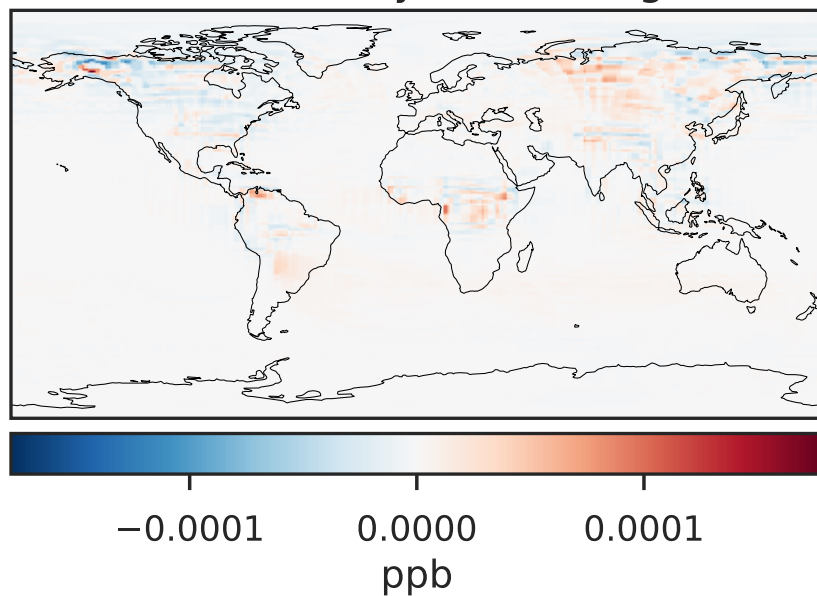
gcc-4x5-1Mon-14.2.1 (Ref)
4.0x5.0



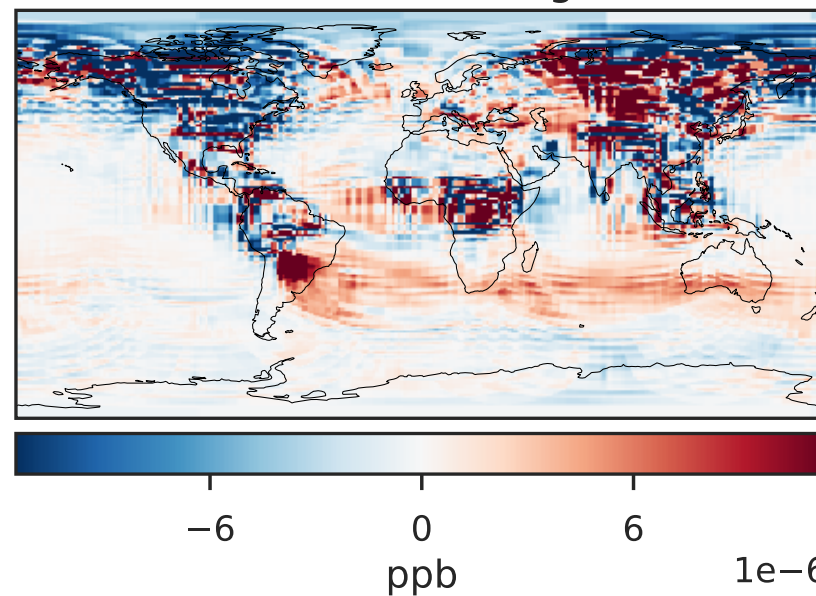
gchp-c24-1Mon-14.2.1 (Dev)
c24



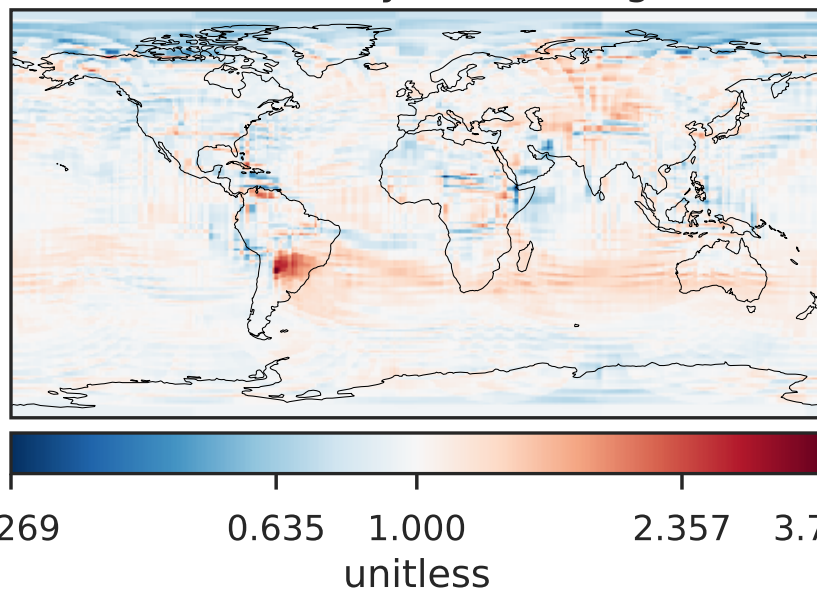
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

