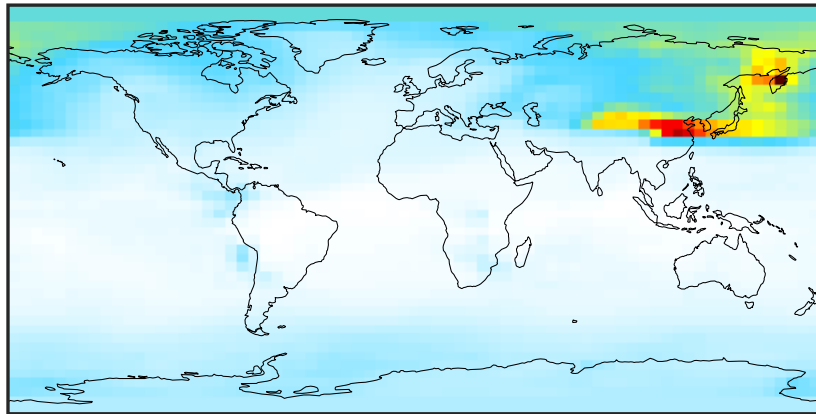


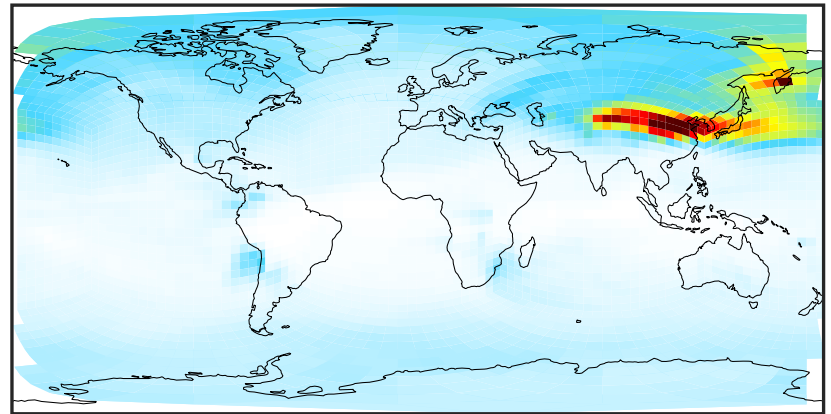
SpeciesConcVV_SOx (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



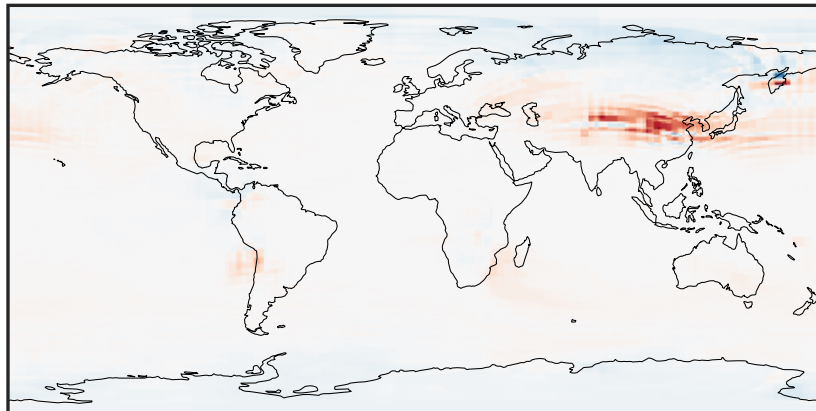
0.0028 0.1433 0.2865 0.4298 0.5758
ppb

GCHP_14.2.0 (Dev)
c24



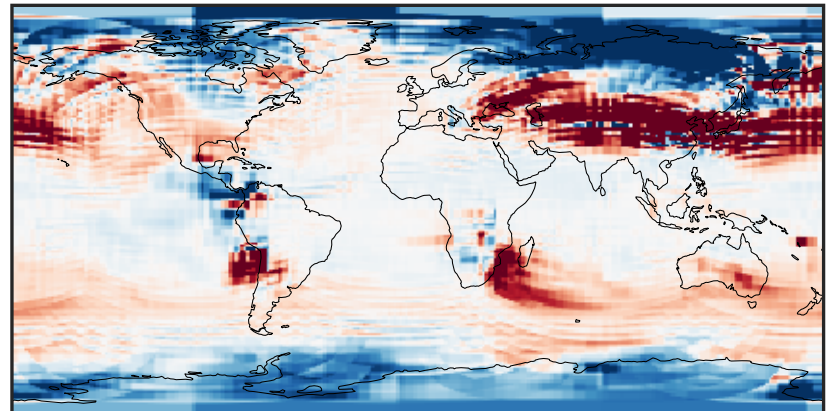
0.0028 0.1433 0.2865 0.4298 0.5758
ppb

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



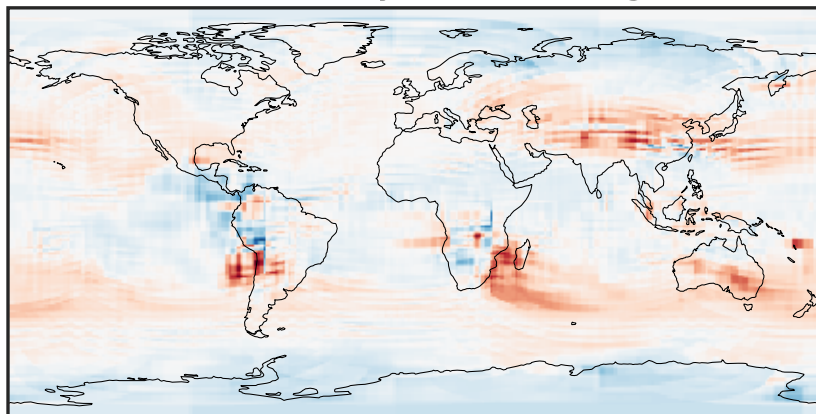
-0.3289 -0.1645 0.0000 0.1645 0.3289
ppb

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



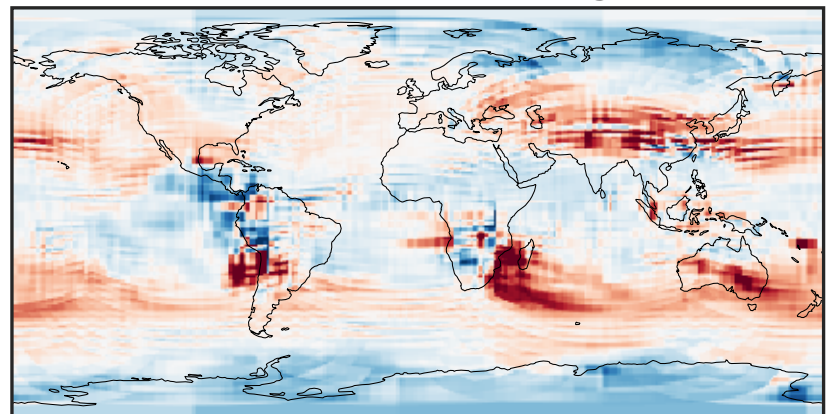
-0.015 0.000 0.015
ppb

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



0.249 0.625 1.000 2.505 4.011
unitless

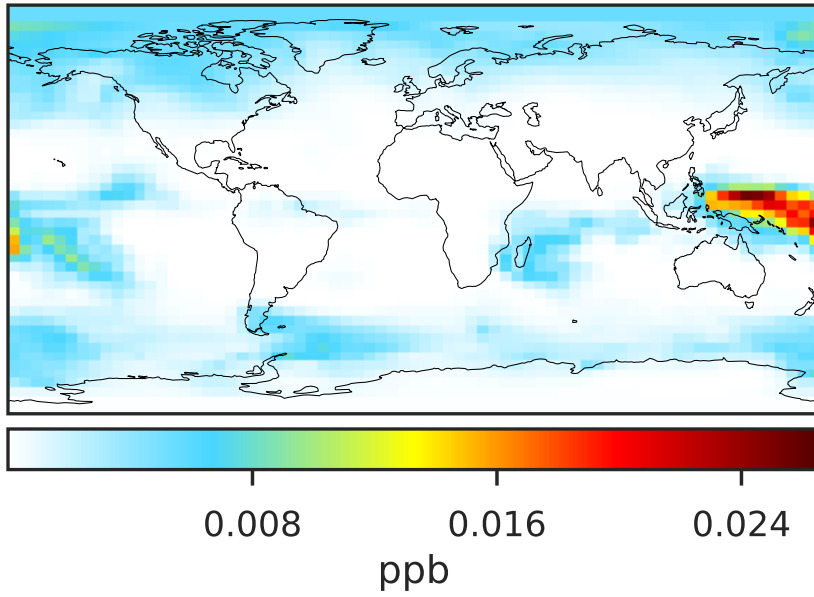
Ratio (1x1.25)
Dev/Ref, Fixed Range



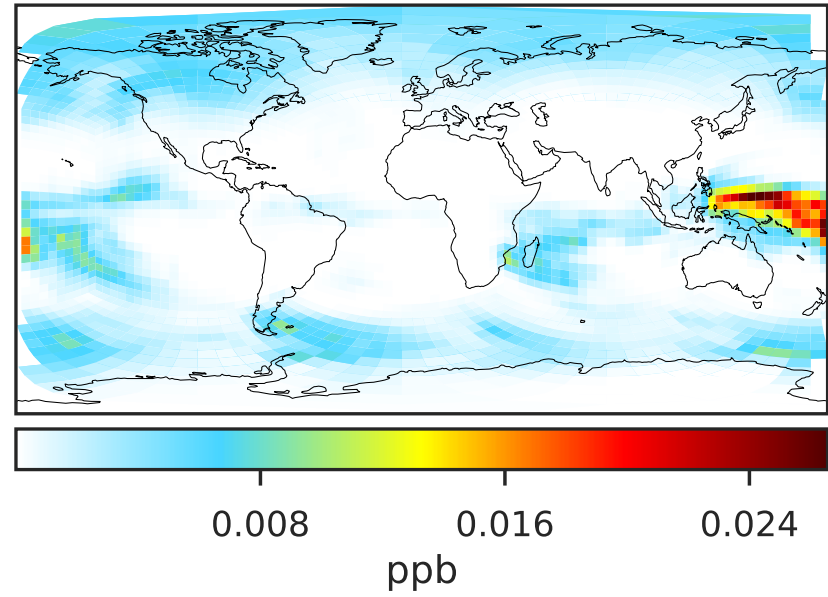
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_DMS (Jan2019)

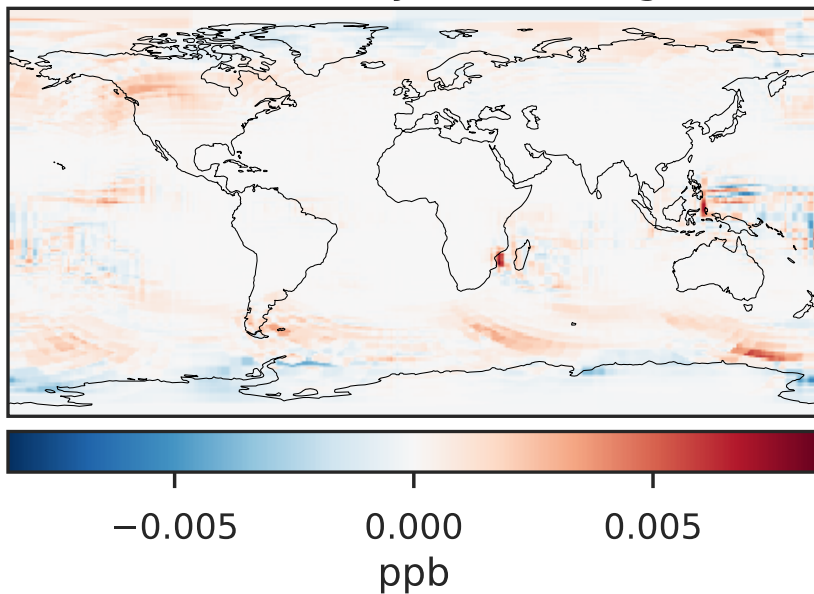
GCC_14.2.0 (Ref)
4.0x5.0



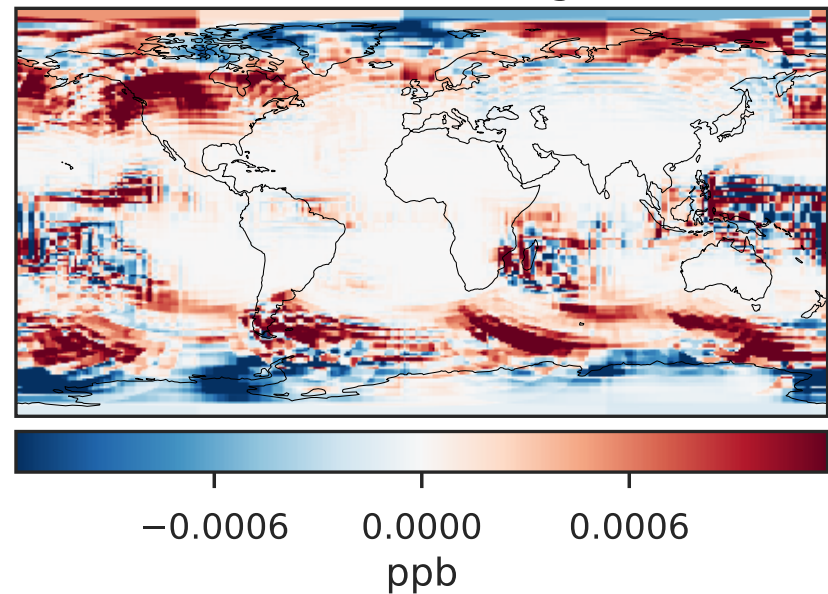
GCHP_14.2.0 (Dev)
c24



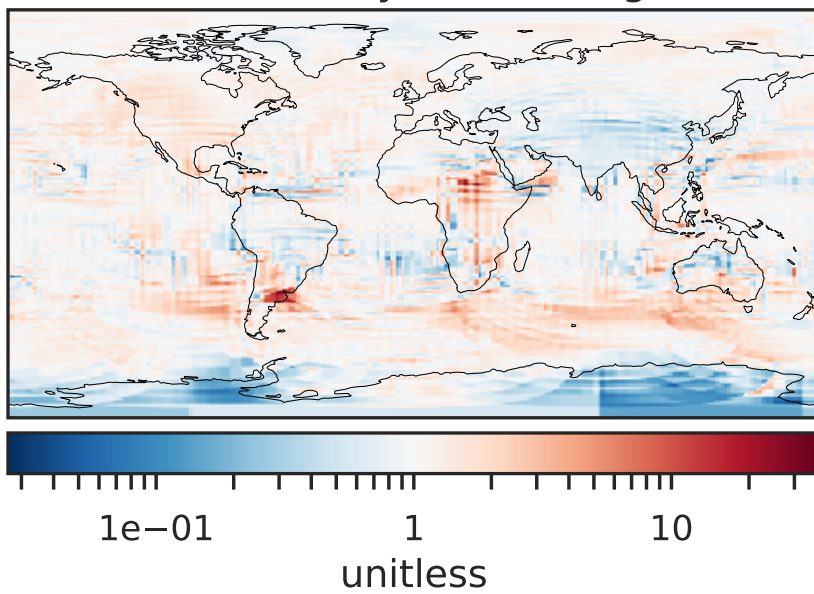
Difference (1x1.25)
Dev - Ref, Dynamic Range



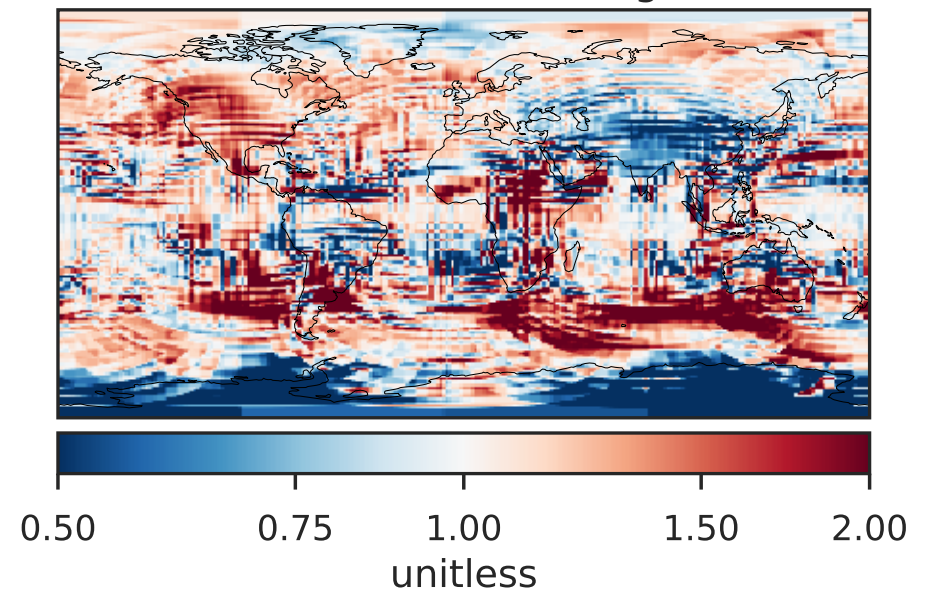
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

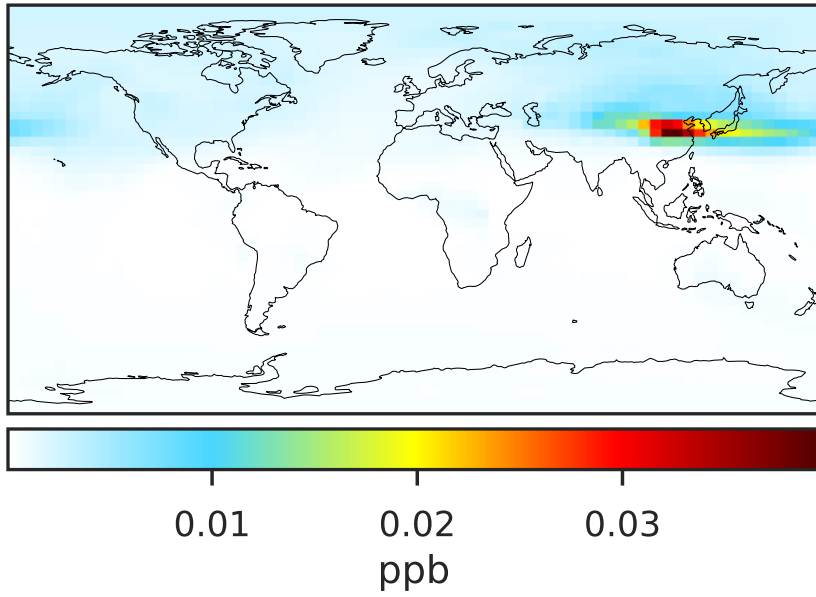


Ratio (1x1.25)
Dev/Ref, Fixed Range

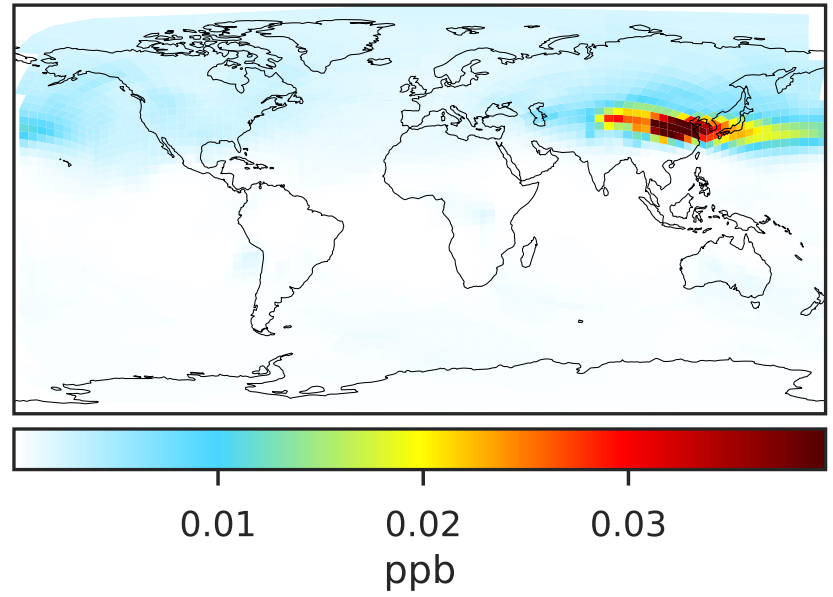


SpeciesConcVV_HMS (Jan2019)

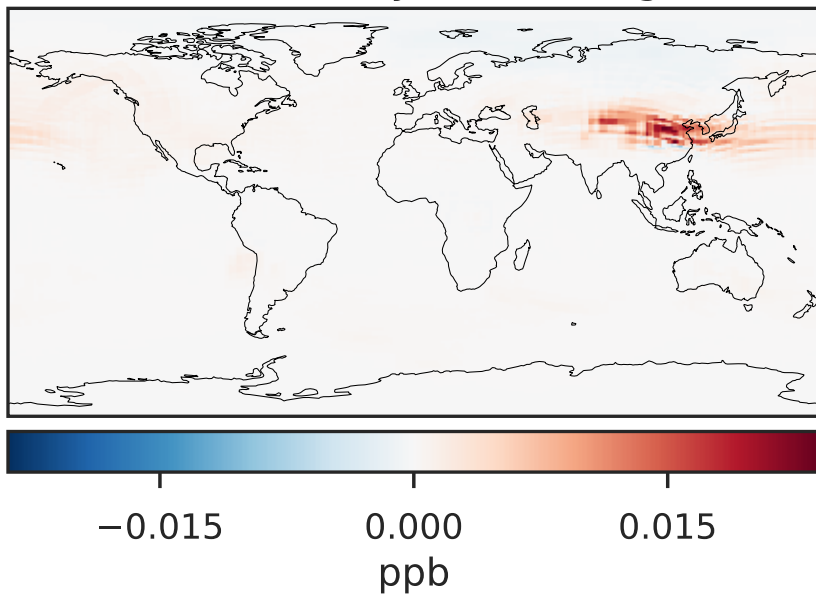
GCC_14.2.0 (Ref)
4.0x5.0



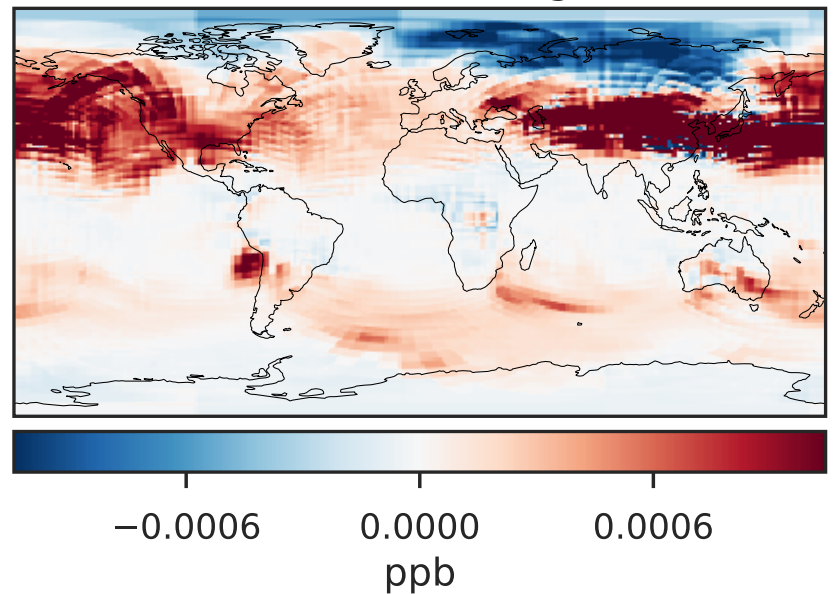
GCHP_14.2.0 (Dev)
c24



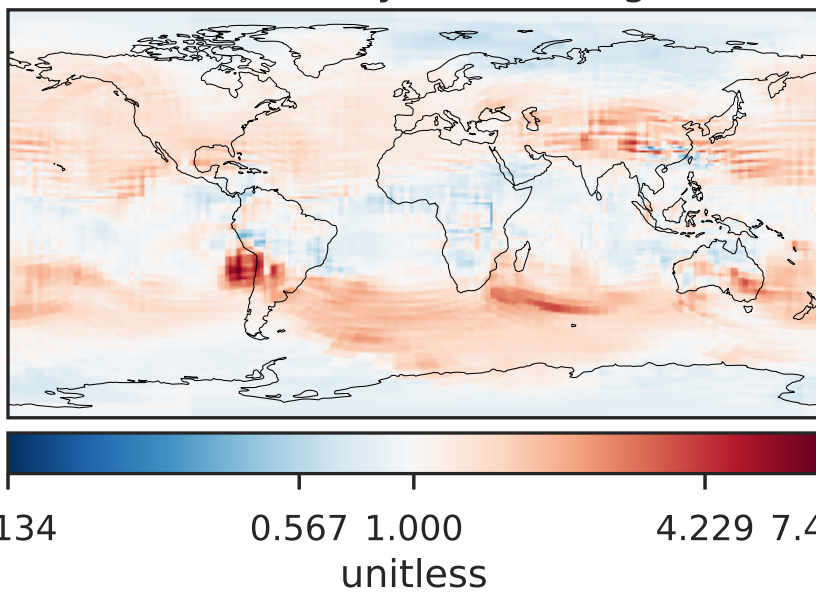
Difference (1x1.25)
Dev - Ref, Dynamic Range



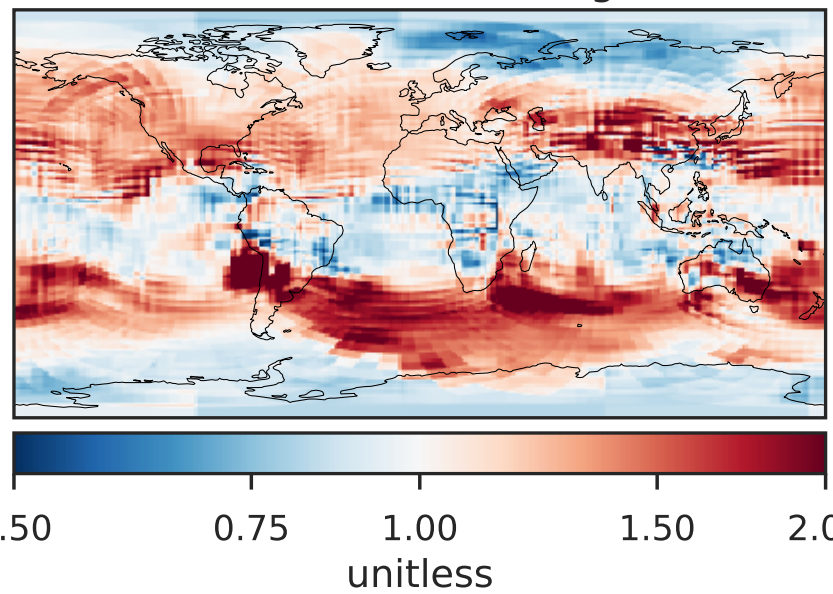
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

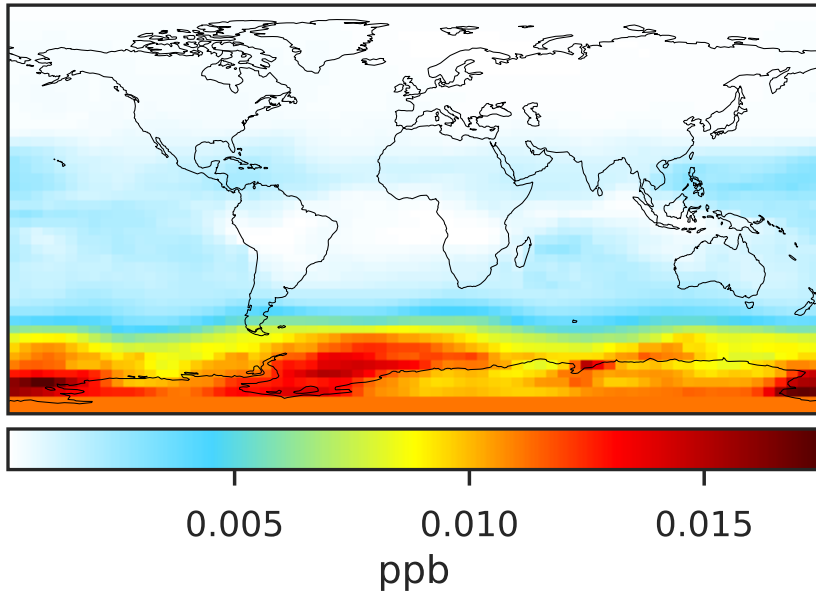


Ratio (1x1.25)
Dev/Ref, Fixed Range

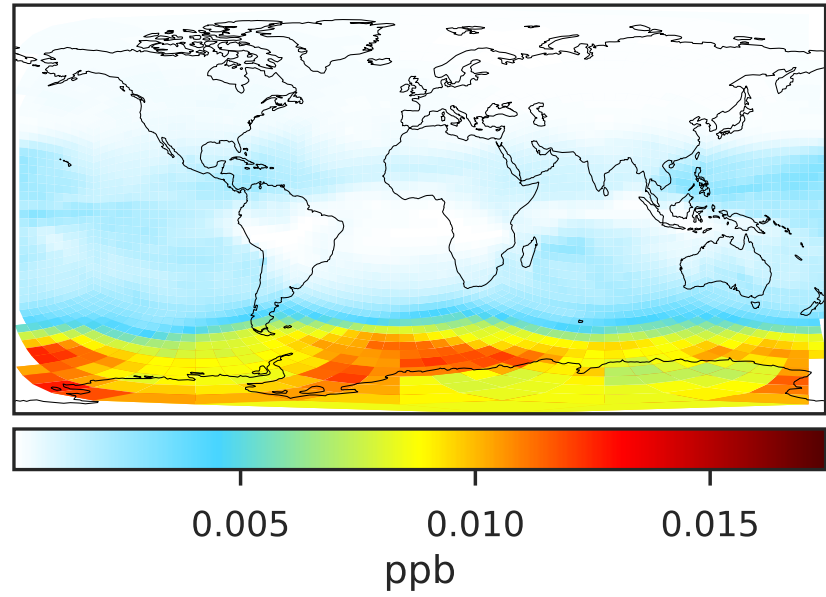


SpeciesConcVV_MSA (Jan2019)

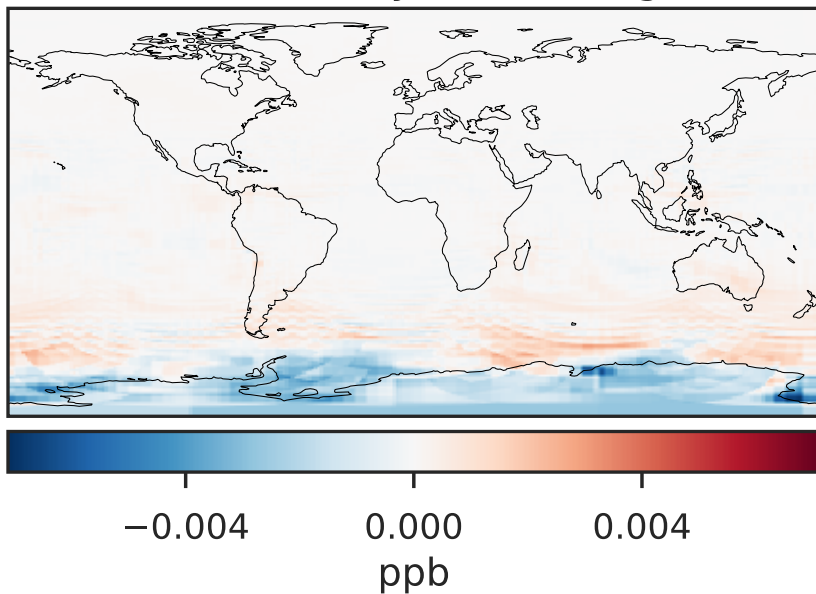
GCC_14.2.0 (Ref)
4.0x5.0



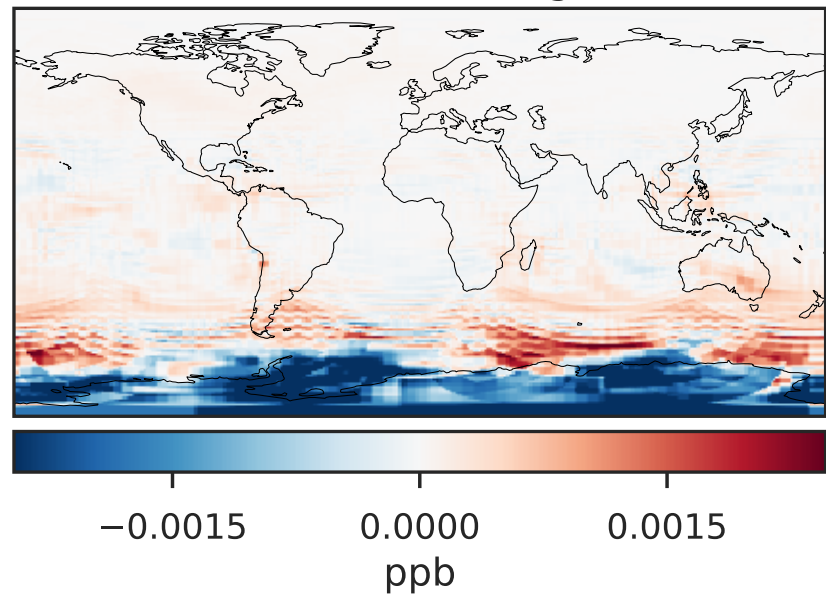
GCHP_14.2.0 (Dev)
c24



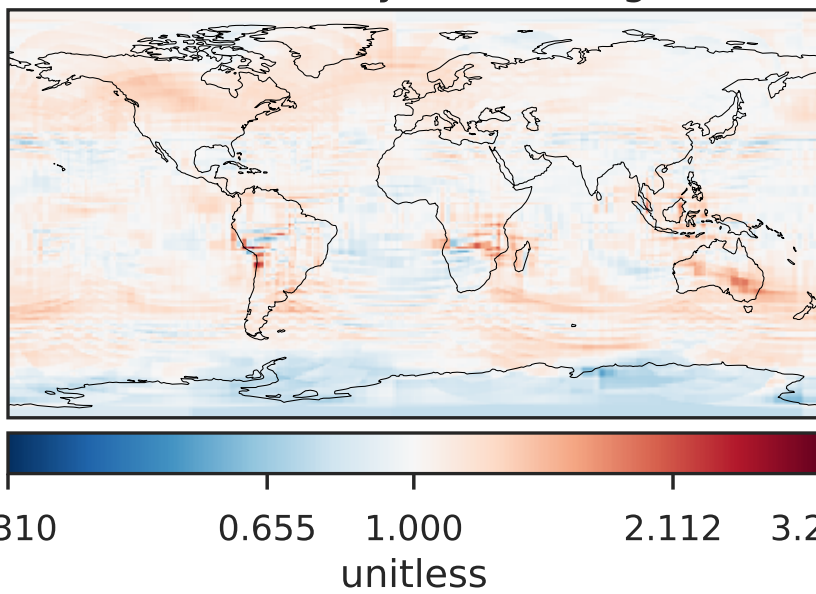
Difference (1x1.25)
Dev - Ref, Dynamic Range



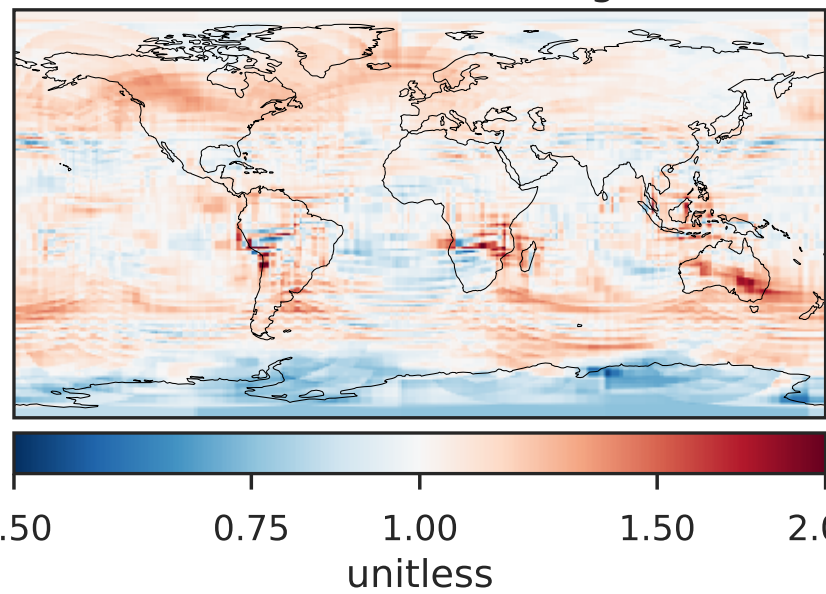
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

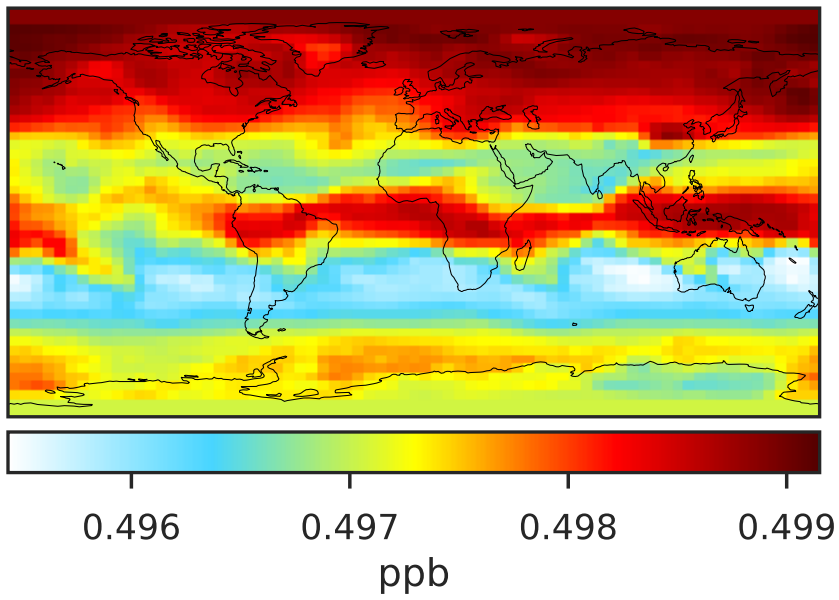


Ratio (1x1.25)
Dev/Ref, Fixed Range

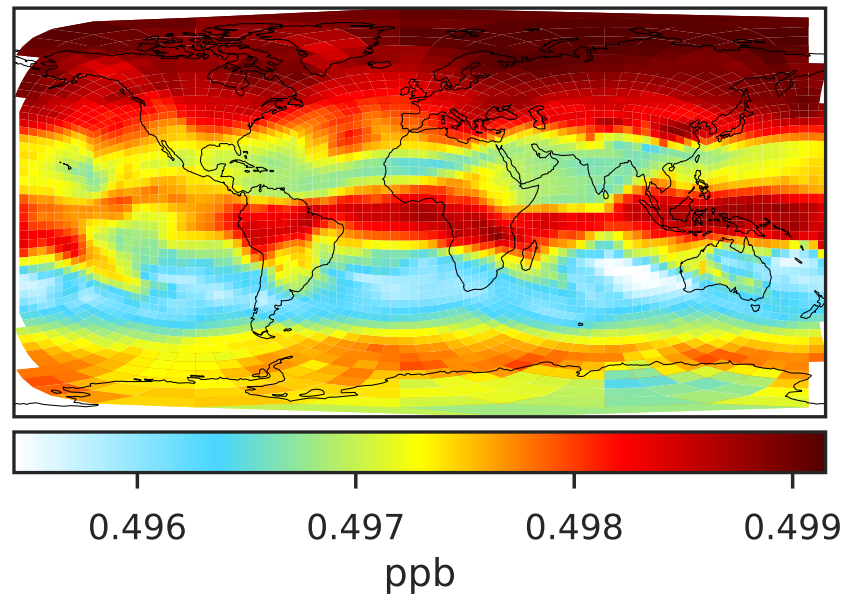


SpeciesConcVV_OCS (Jan2019)

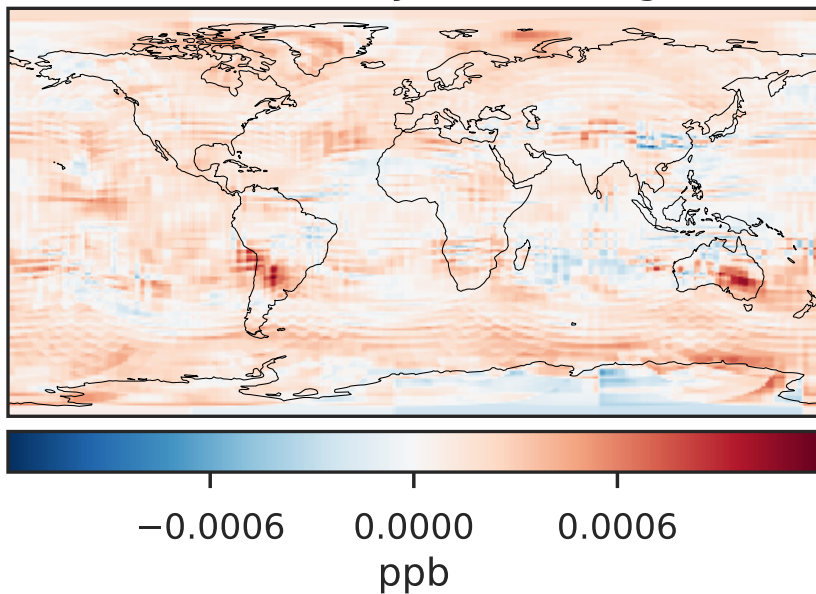
GCC_14.2.0 (Ref)
4.0x5.0



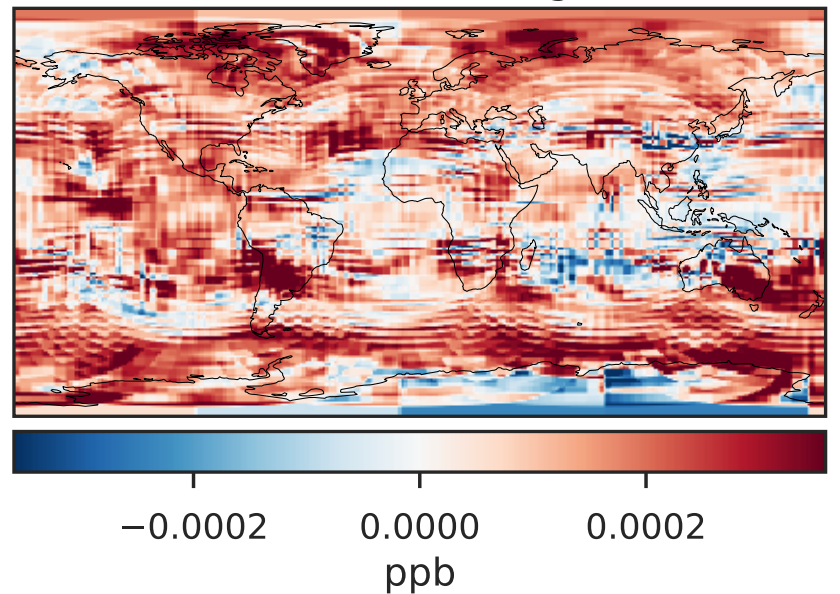
GCHP_14.2.0 (Dev)
c24



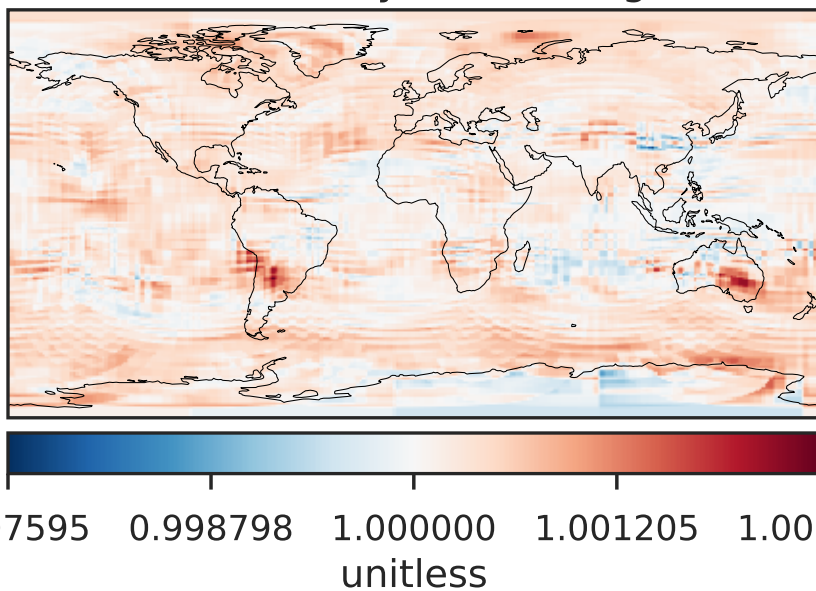
Difference (1x1.25)
Dev - Ref, Dynamic Range



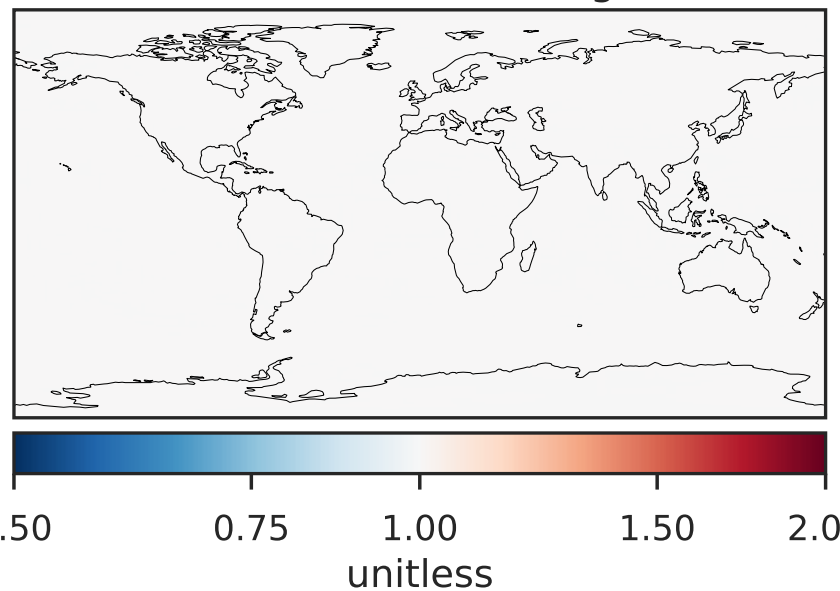
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

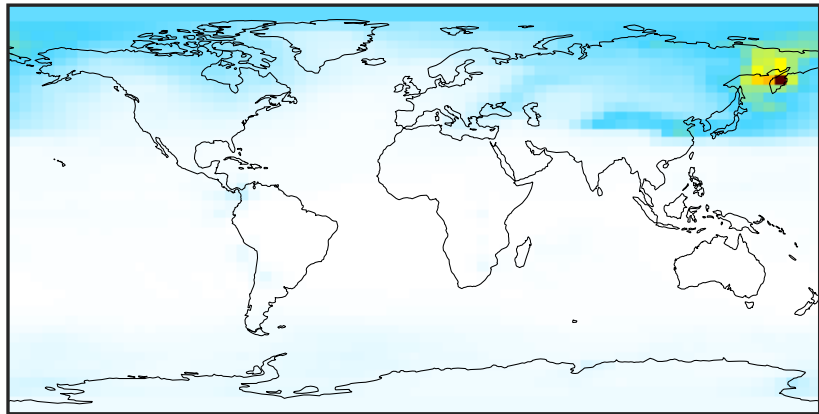


0.997595 0.998798 1.000000 1.001205 1.002411
unitless

0.50 0.75 1.00 1.50 2.00
unitless

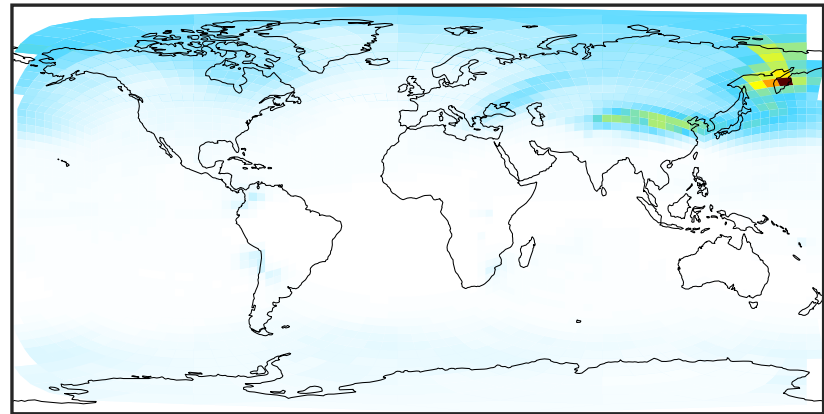
SpeciesConcVV_SO2 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



0.0001 0.1267 0.2533 0.3800 0.5068
ppb

GCHP_14.2.0 (Dev)
c24



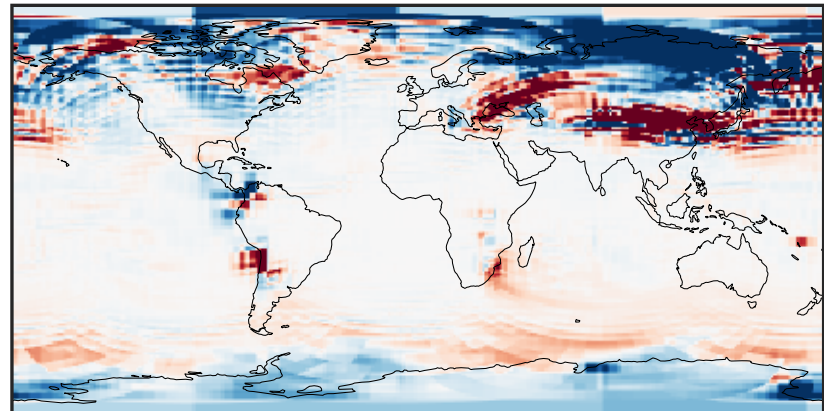
0.0001 0.1267 0.2533 0.3800 0.5068
ppb

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



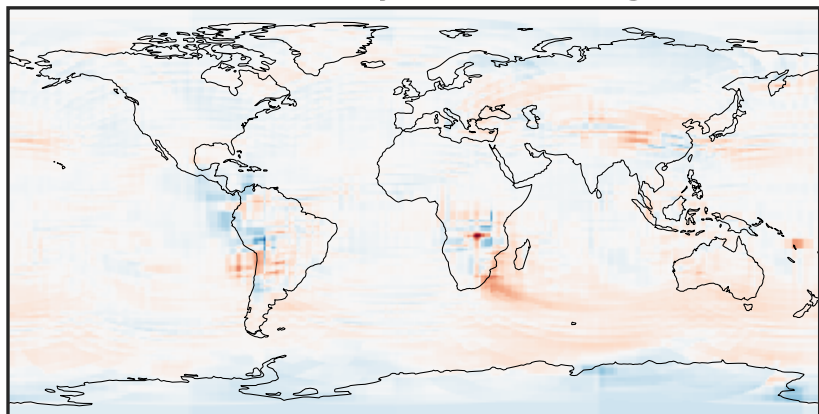
-0.3218 -0.1609 0.0000 0.1609 0.3218
ppb

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



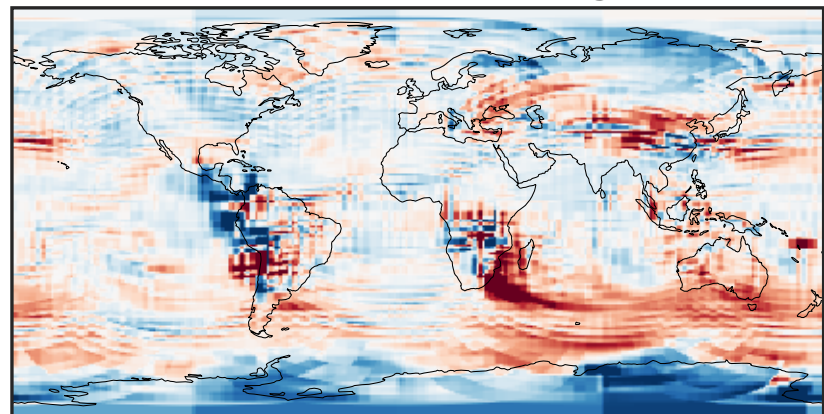
-0.008 0.000 0.008
ppb

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



1e-01 1 10
unitless

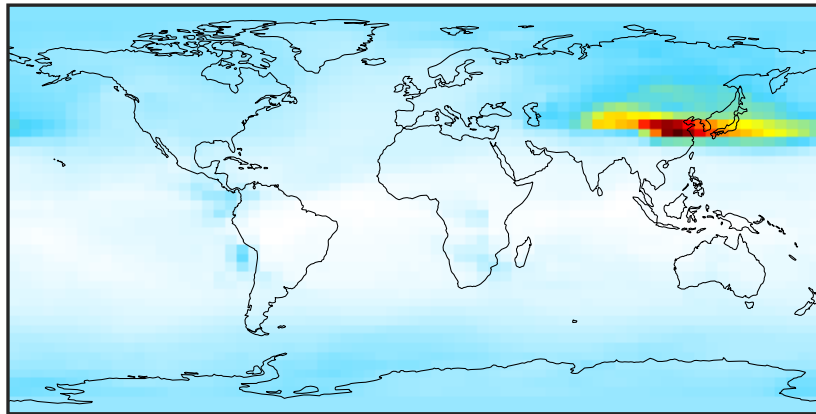
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

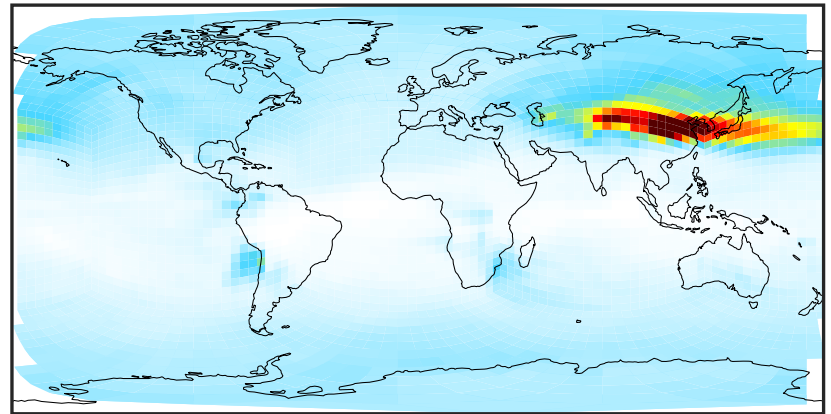
SpeciesConcVV_SO4 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



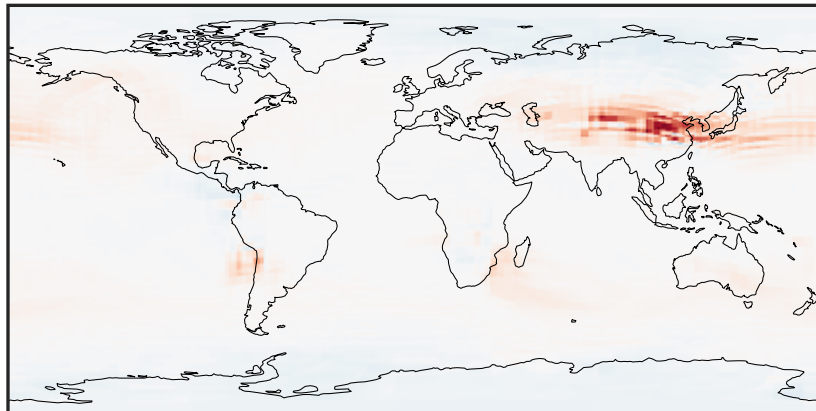
0.0026 0.0860 0.1720 0.2580 0.3467
ppb

GCHP_14.2.0 (Dev)
c24



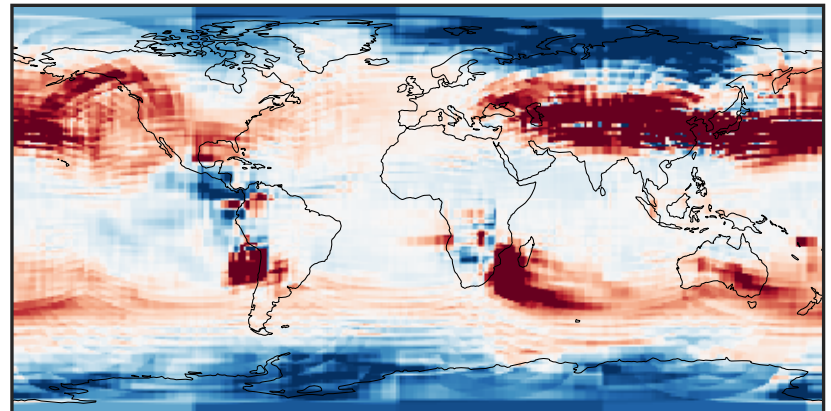
0.0026 0.0860 0.1720 0.2580 0.3467
ppb

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



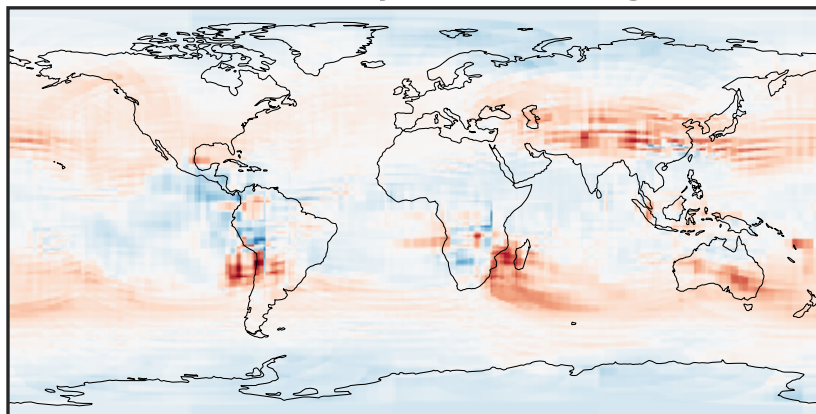
-0.2138 -0.1069 0.0000 0.1069 0.2138
ppb

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



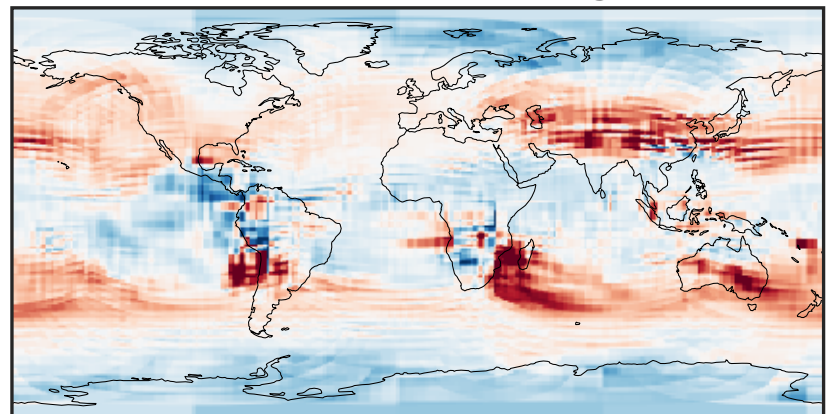
-0.008 0.000 0.008
ppb

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



0.246 0.623 1.000 2.530 4.060
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless