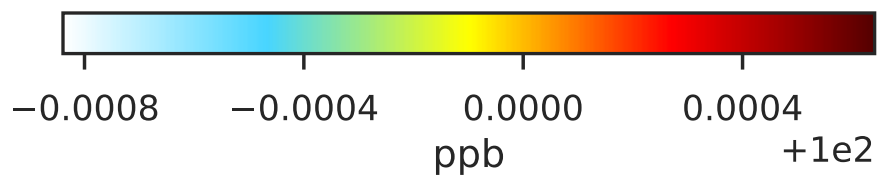
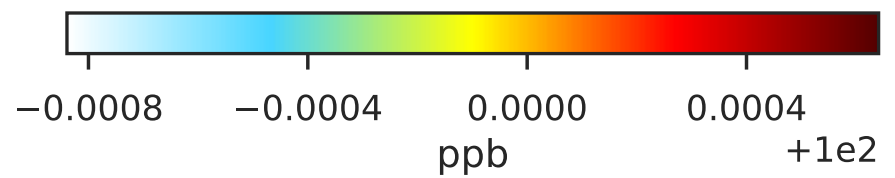
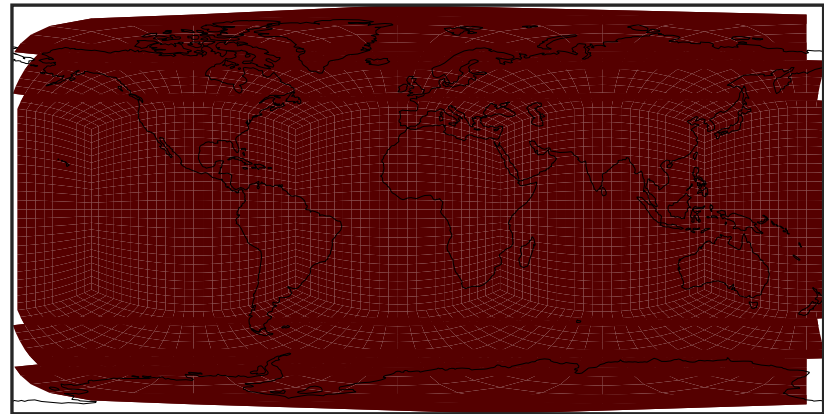


SpeciesConcVV_PassiveTracer (Jan2019)

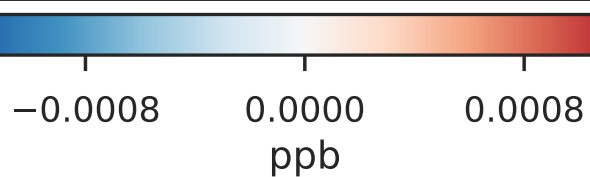
GCC_14.2.0 (Ref)
4.0x5.0



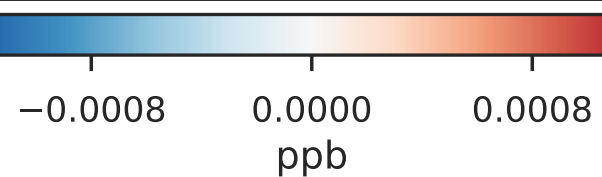
GCHP_14.2.0 (Dev)
c24



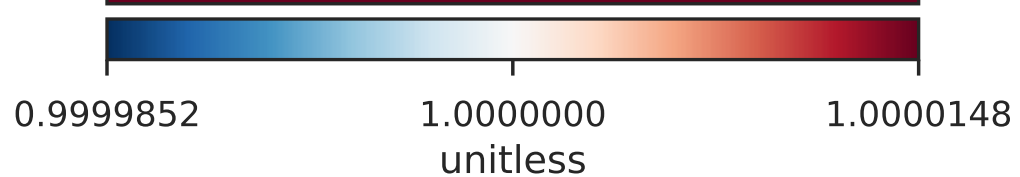
Difference (1x1.25)
Dev - Ref, Dynamic Range



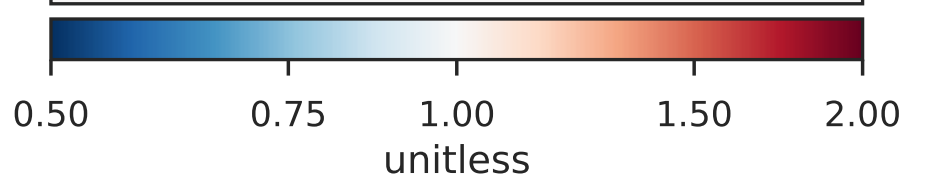
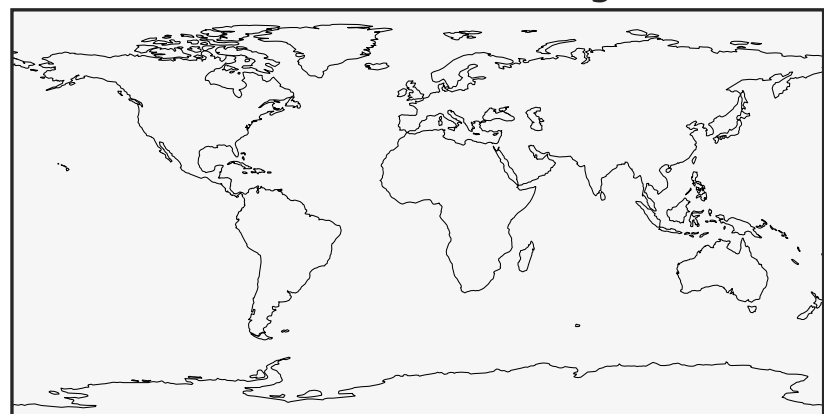
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

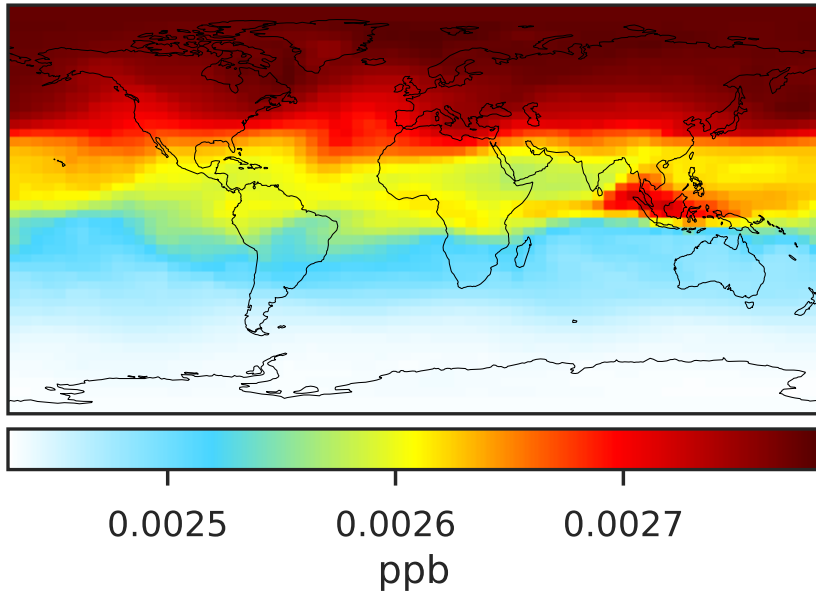


Ratio (1x1.25)
Dev/Ref, Fixed Range

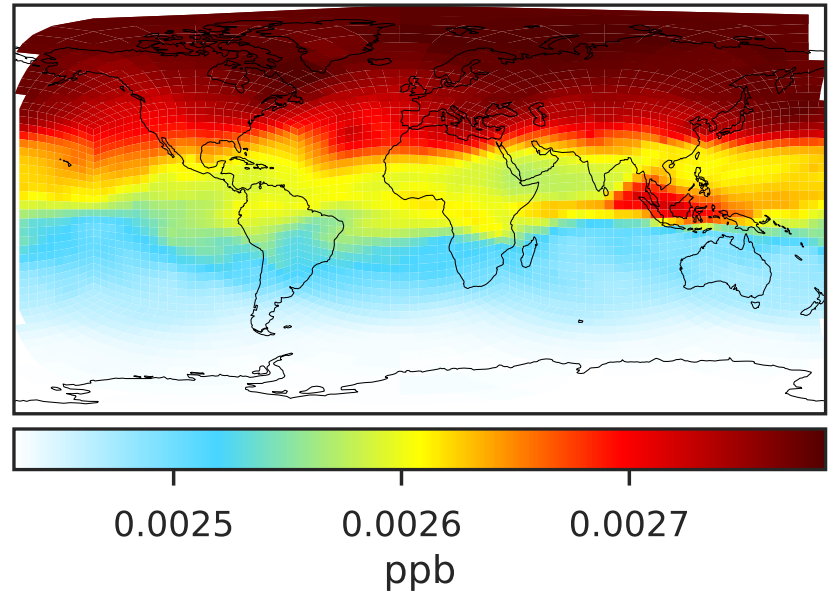


SpeciesConcVV_SF6 (Jan2019)

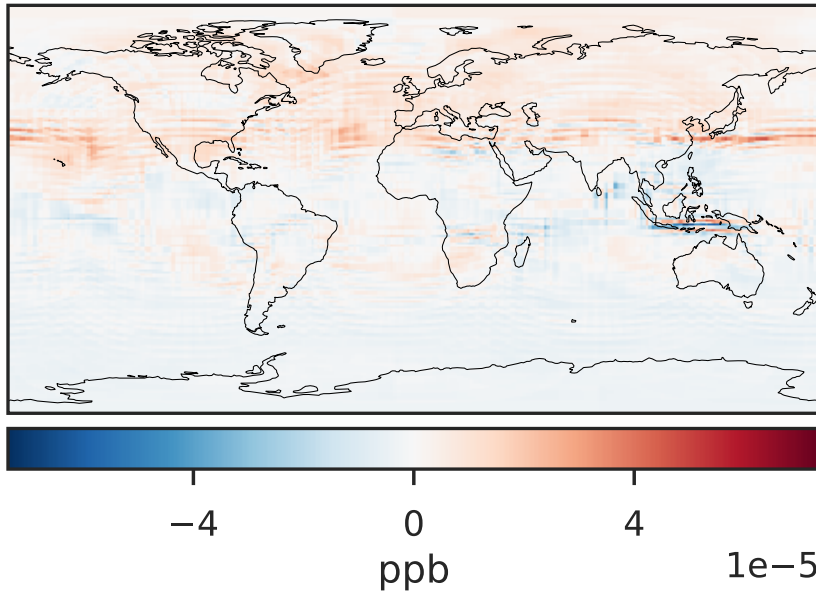
GCC_14.2.0 (Ref)
4.0x5.0



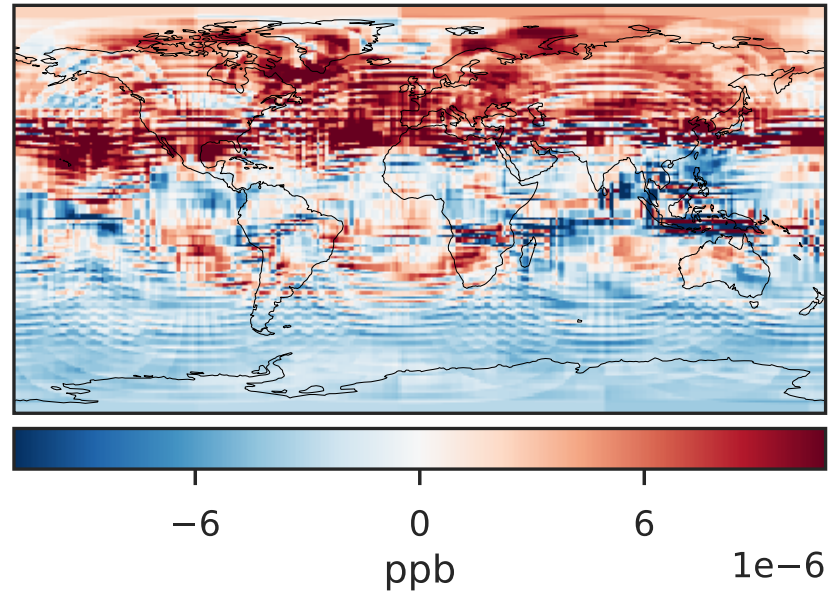
GCHP_14.2.0 (Dev)
c24



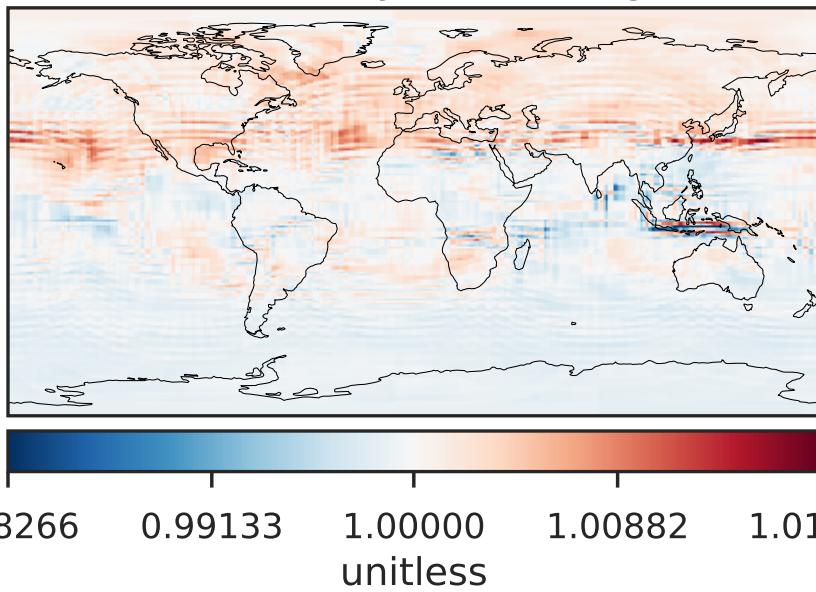
Difference (1x1.25)
Dev - Ref, Dynamic Range



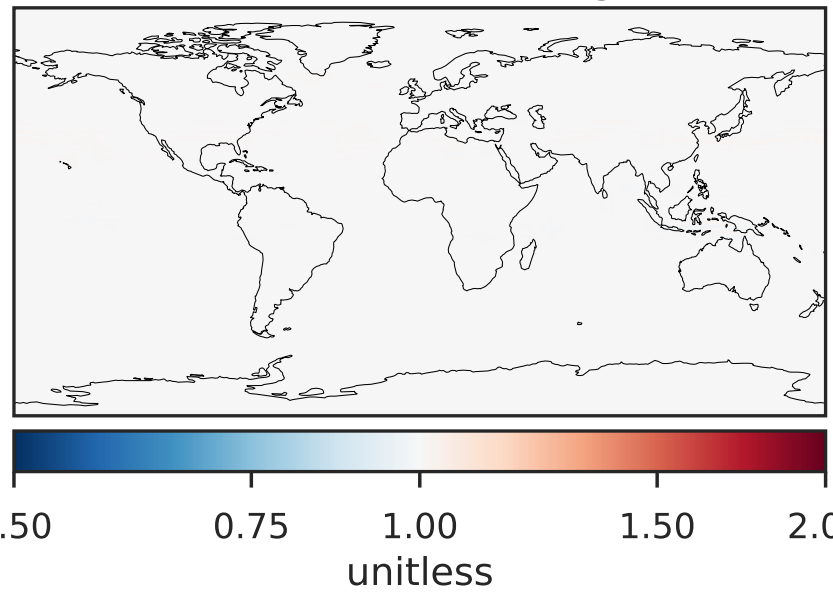
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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



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

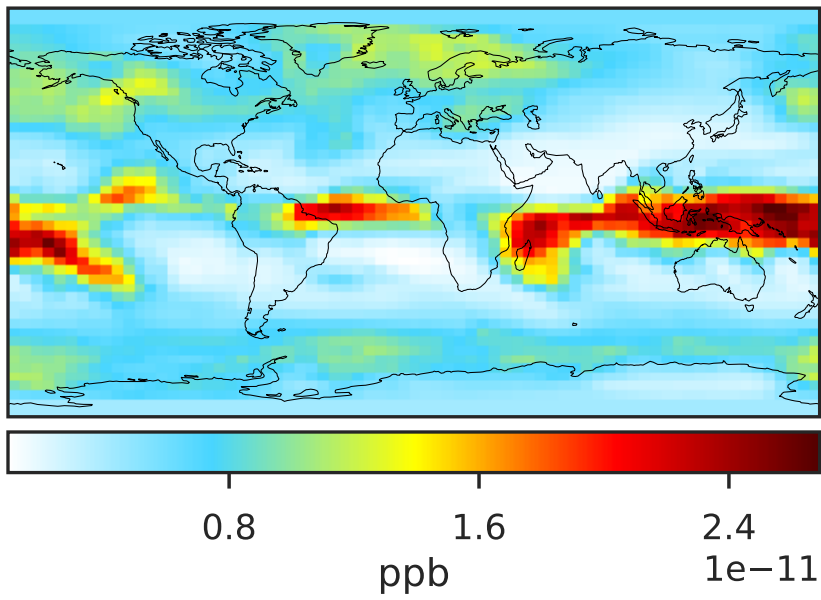


0.98266 0.99133 1.00000 1.00882 1.01765
unitless

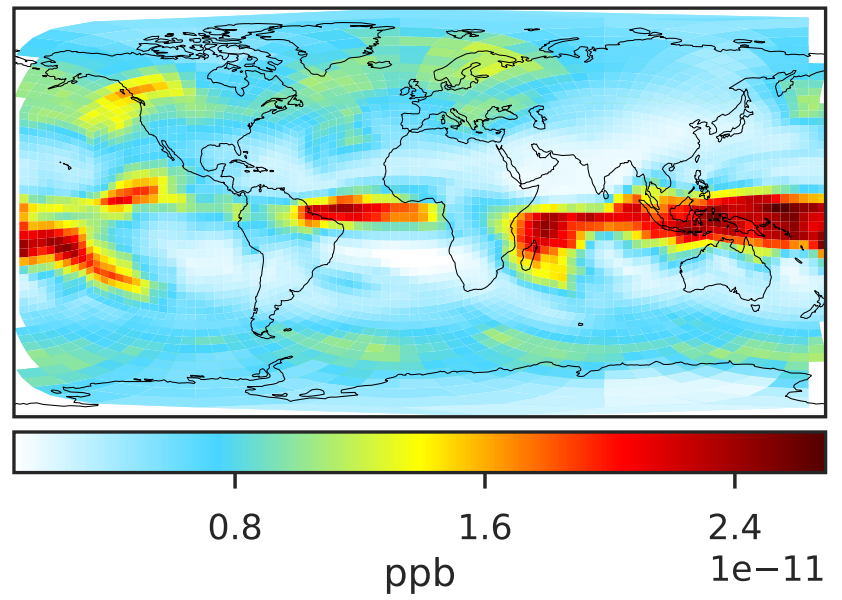
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVW_CH3I (Jan2019)

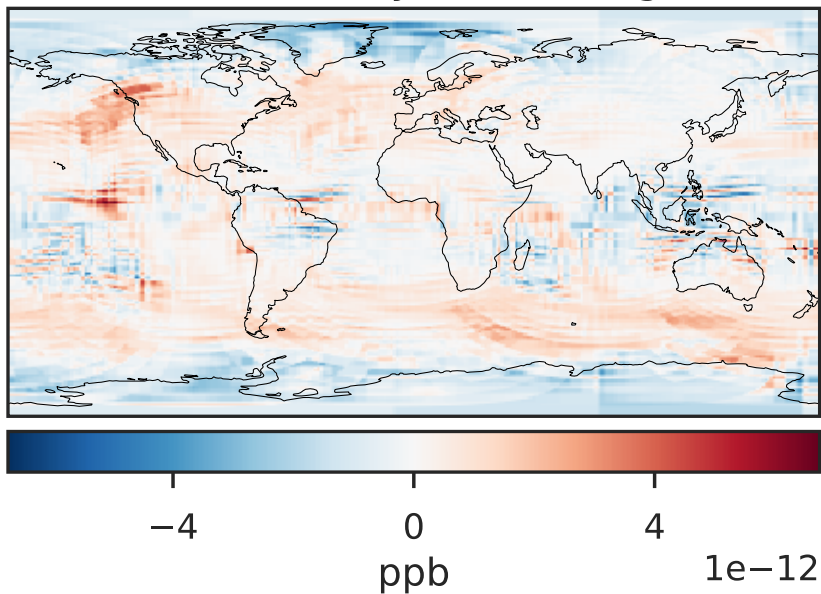
GCC_14.2.0 (Ref)
4.0x5.0



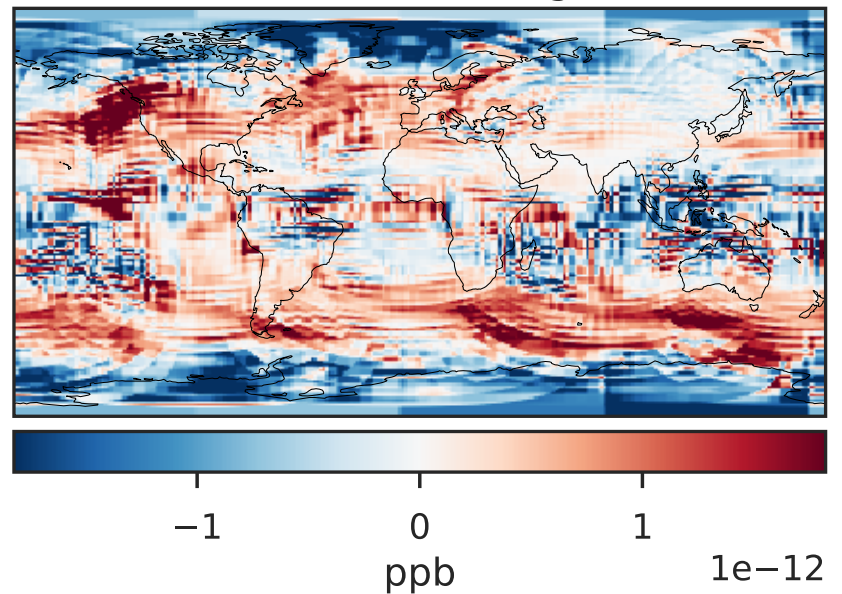
GCHP_14.2.0 (Dev)
c24



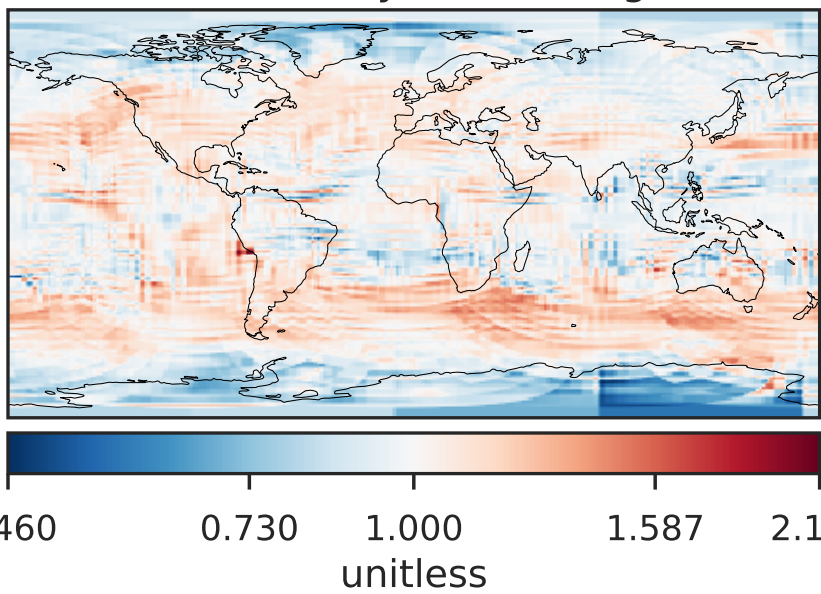
Difference (1x1.25)
Dev - Ref, Dynamic Range



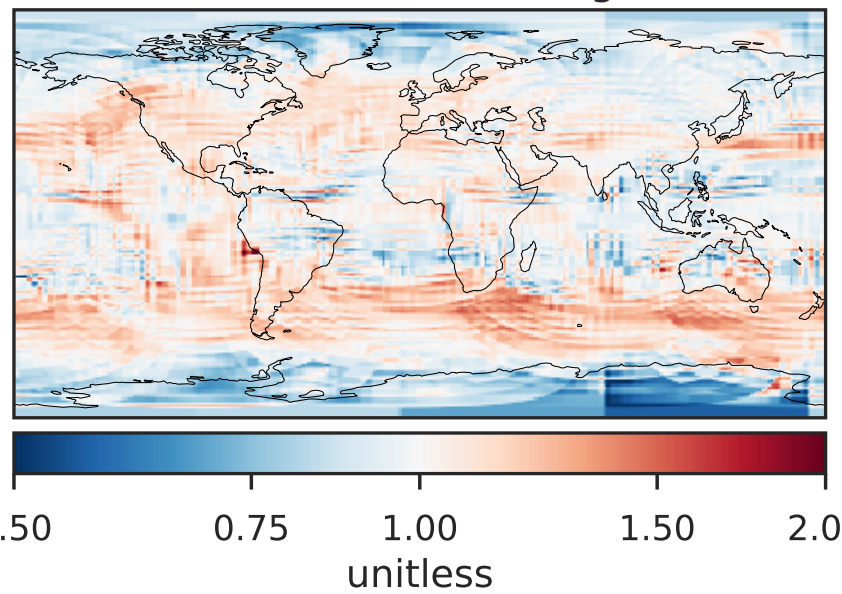
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

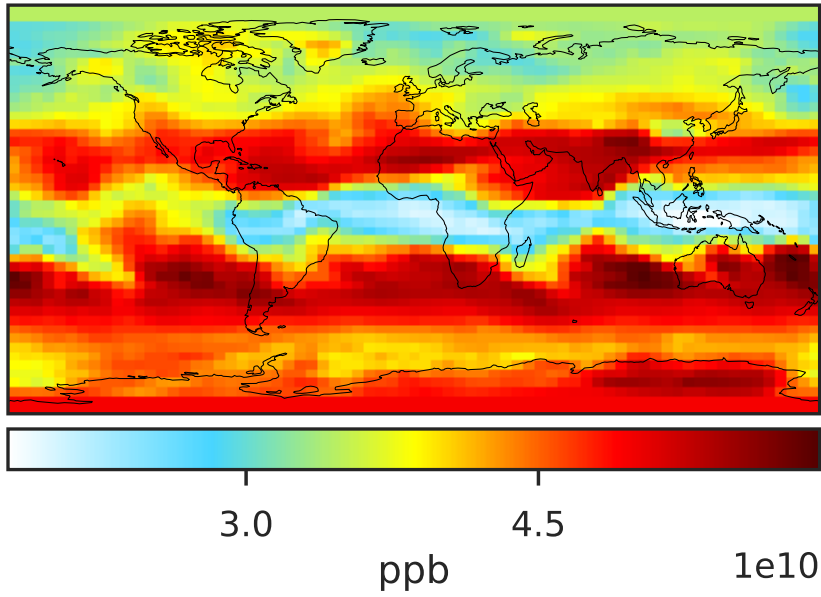


Ratio (1x1.25)
Dev/Ref, Fixed Range

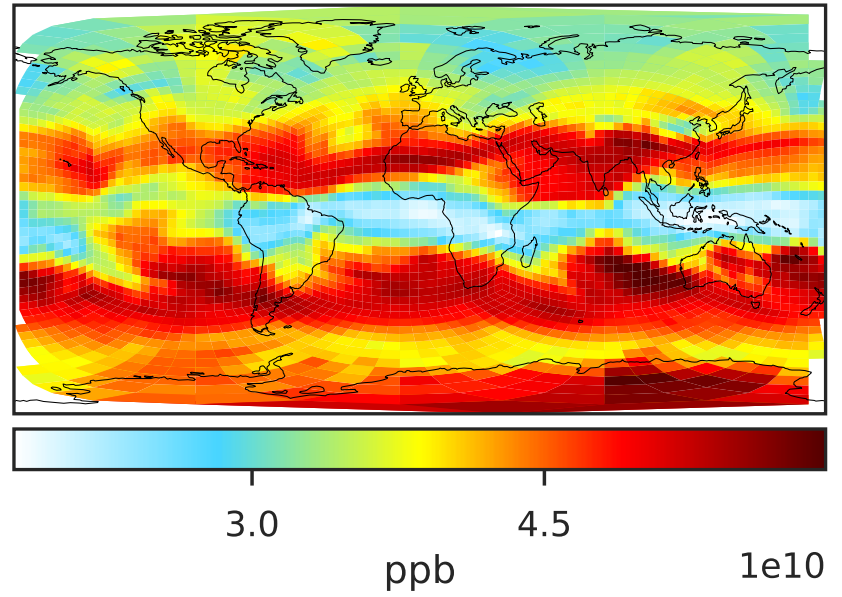


SpeciesConcVV_aoa (Jan2019)

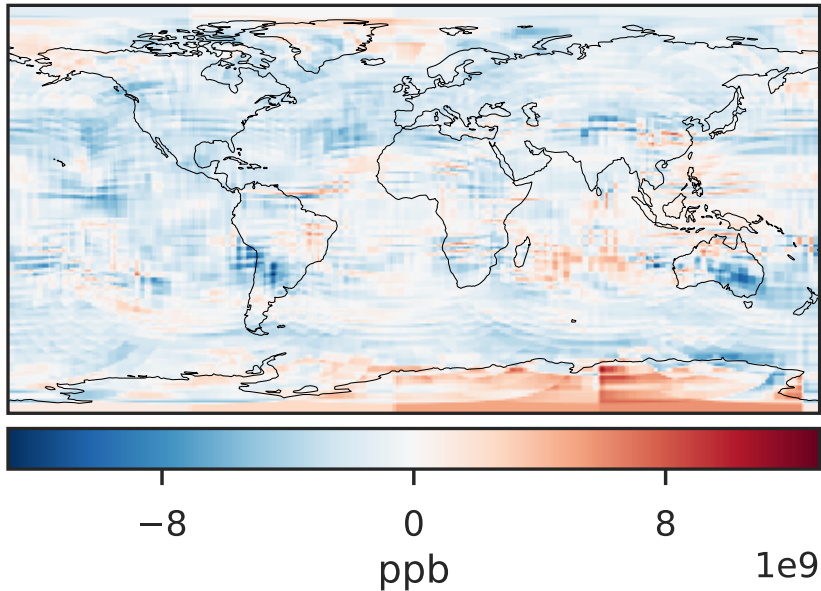
GCC_14.2.0 (Ref)
4.0x5.0



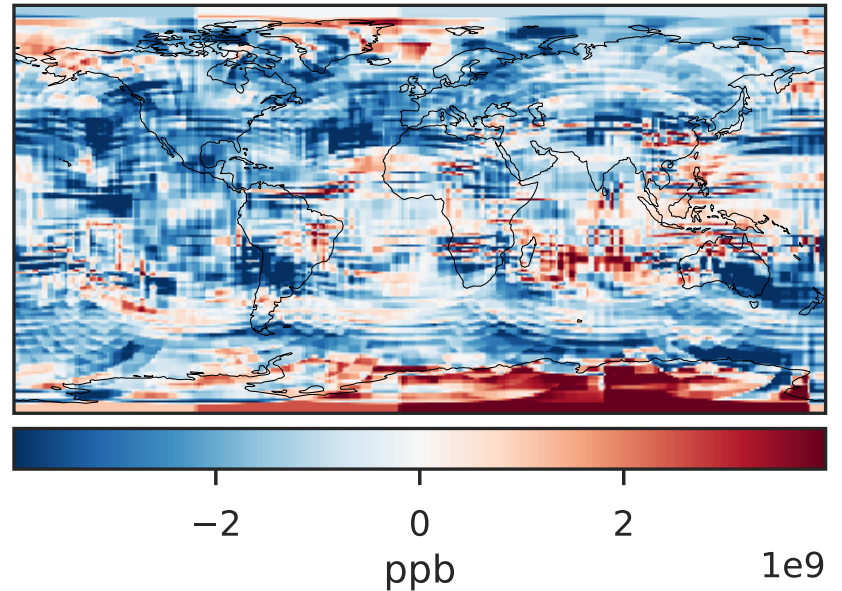
GCHP_14.2.0 (Dev)
c24



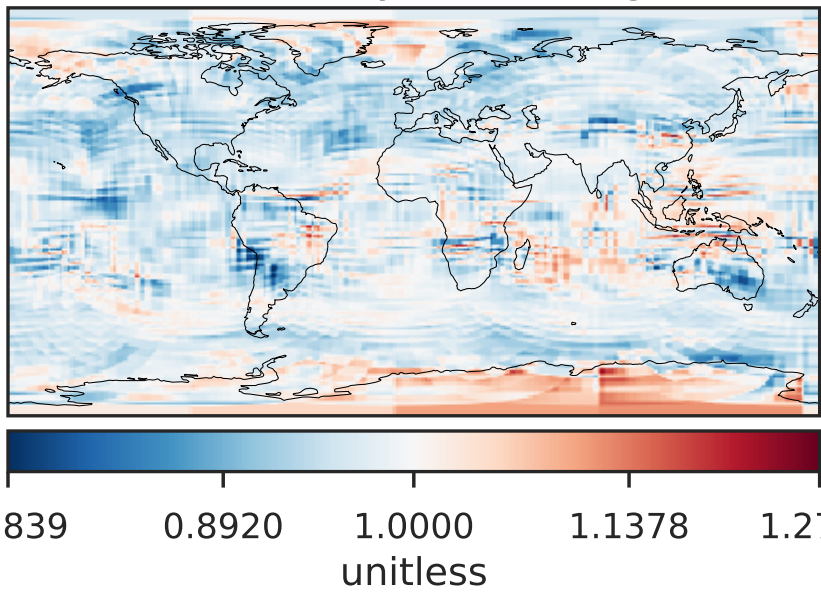
Difference (1x1.25)
Dev - Ref, Dynamic Range



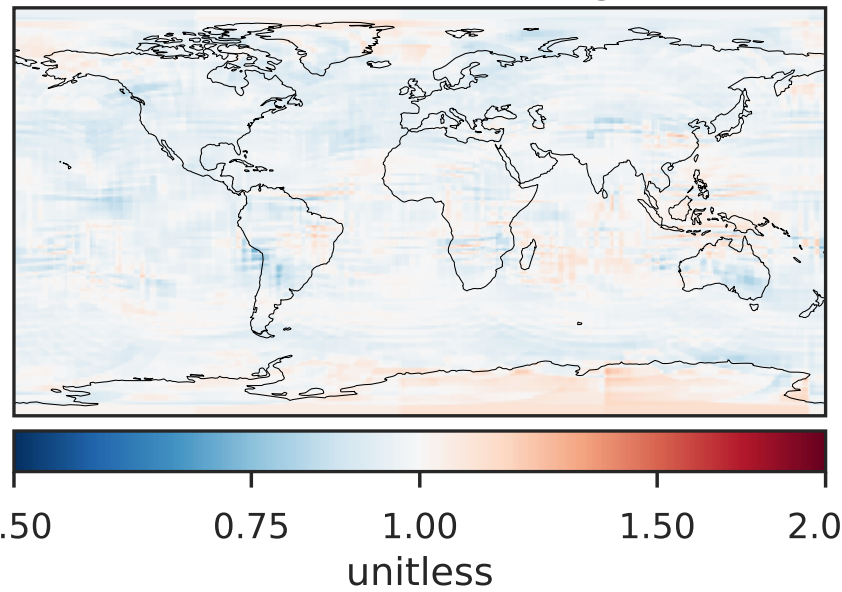
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

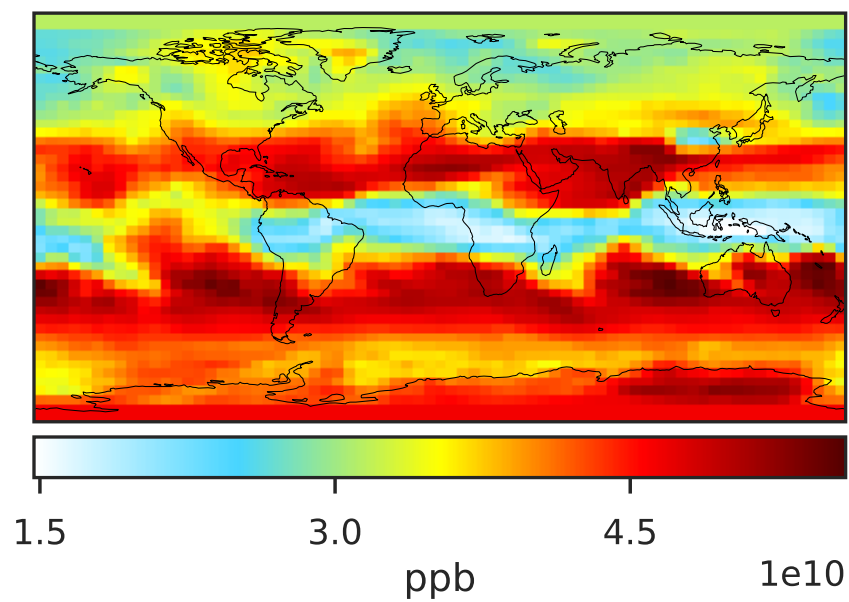


Ratio (1x1.25)
Dev/Ref, Fixed Range

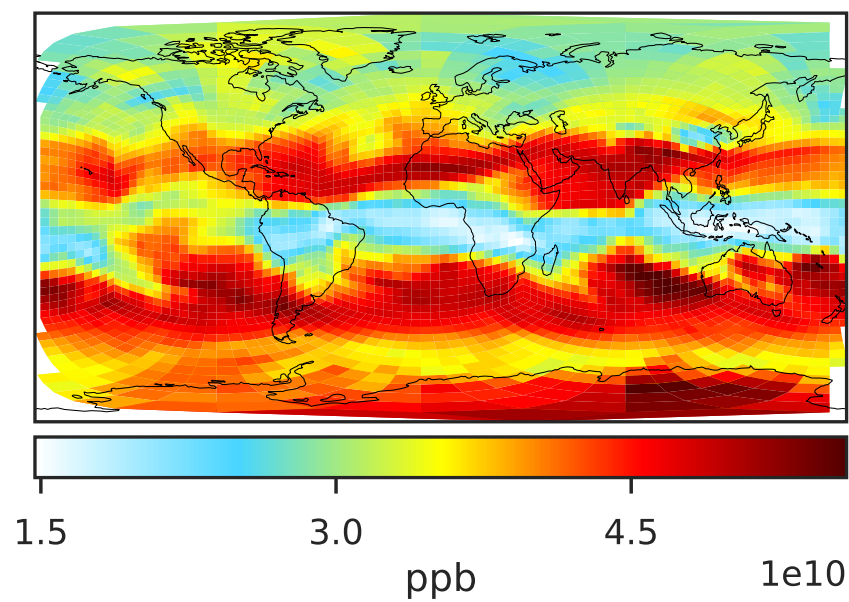


SpeciesConcVV_aoa_bl (Jan2019)

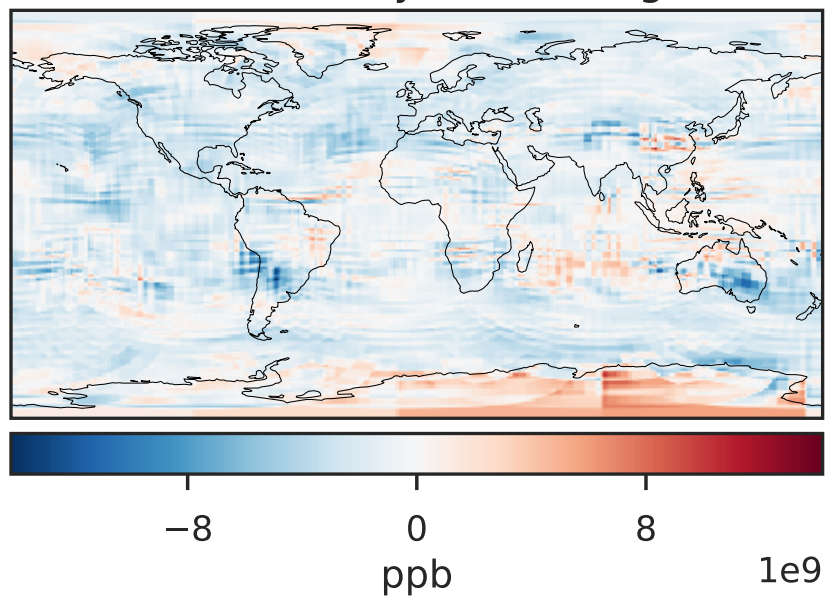
GCC_14.2.0 (Ref)
4.0x5.0



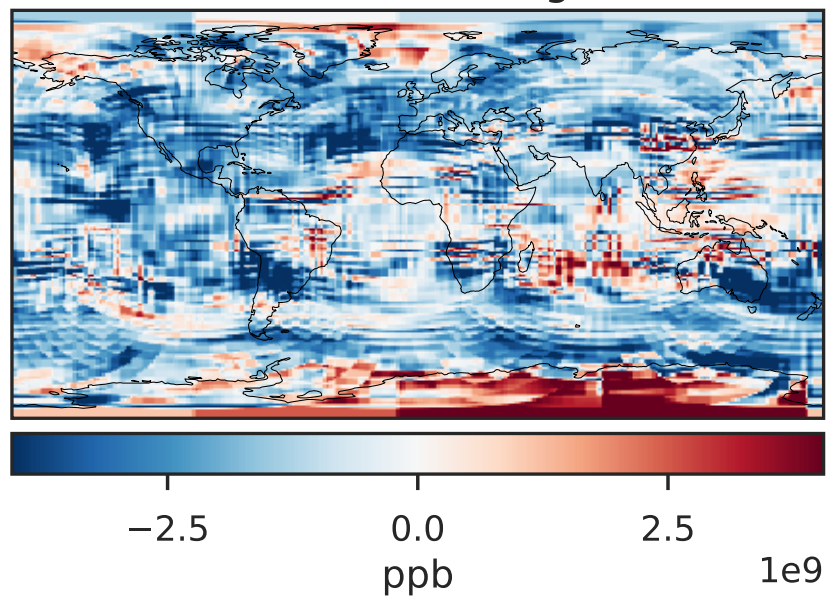
GCHP_14.2.0 (Dev)
c24



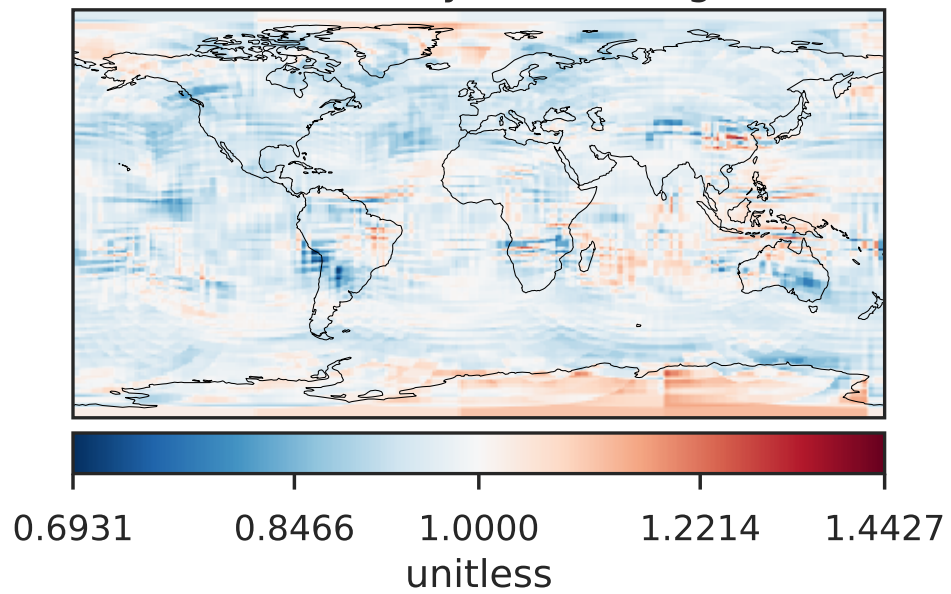
Difference (1x1.25)
Dev - Ref, Dynamic Range



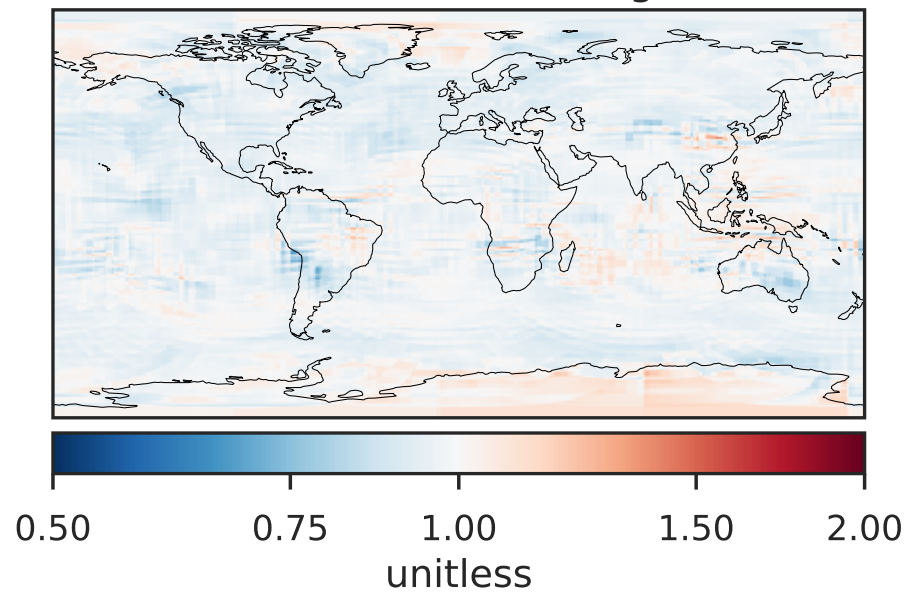
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

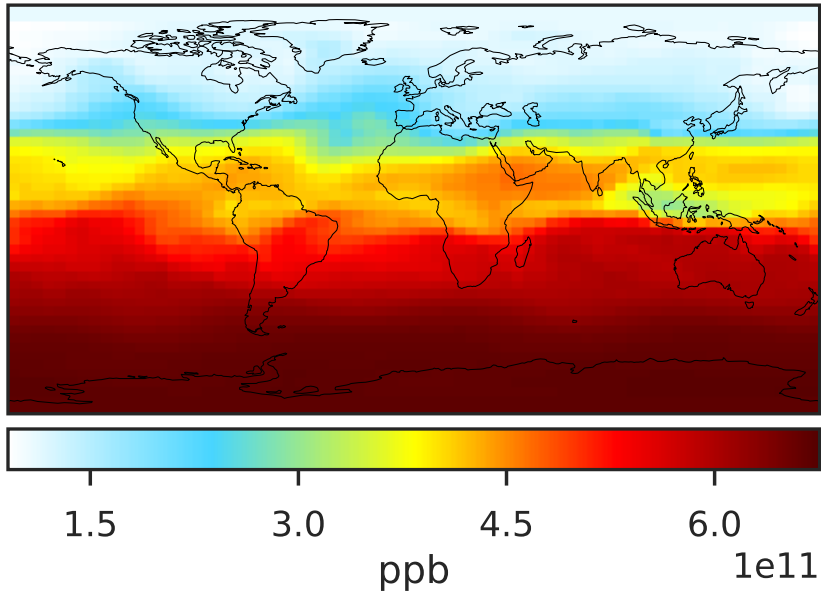


Ratio (1x1.25)
Dev/Ref, Fixed Range

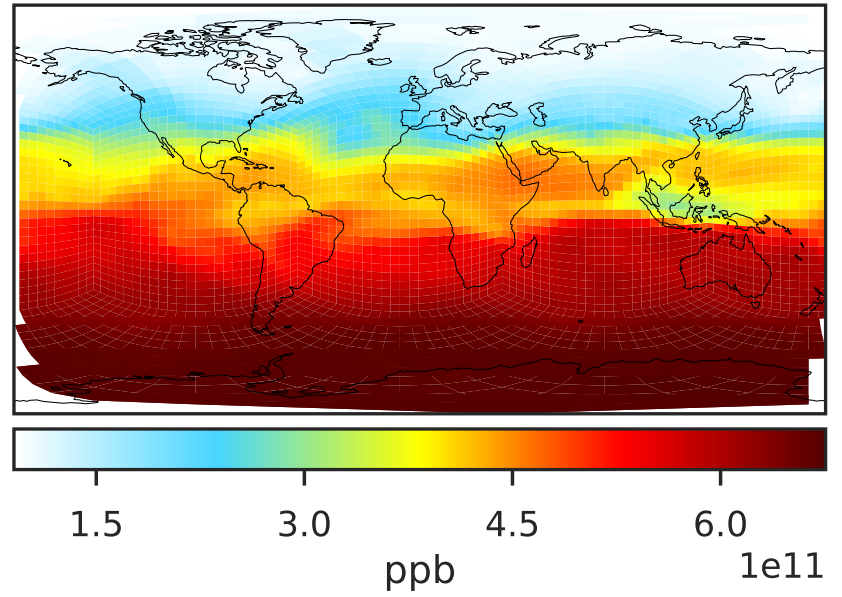


SpeciesConcVV_aoa_nh (Jan2019)

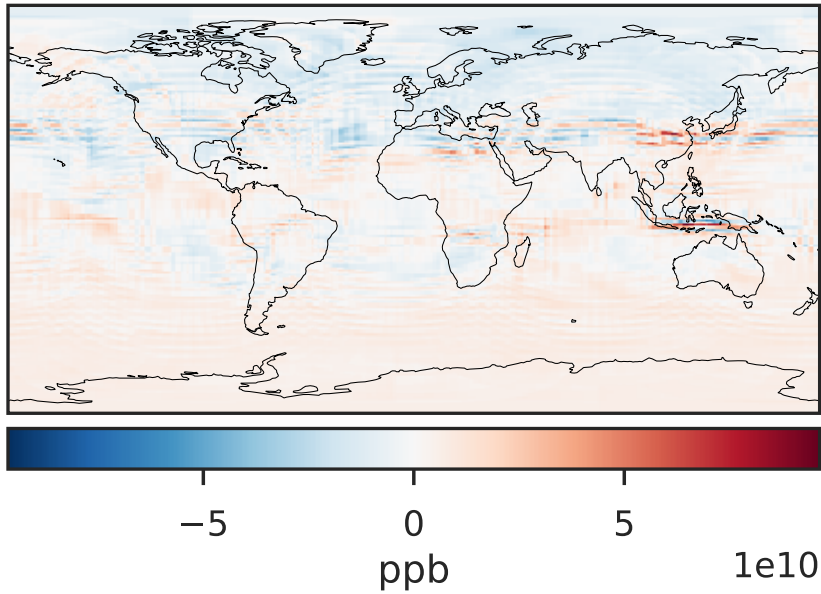
GCC_14.2.0 (Ref)
4.0x5.0



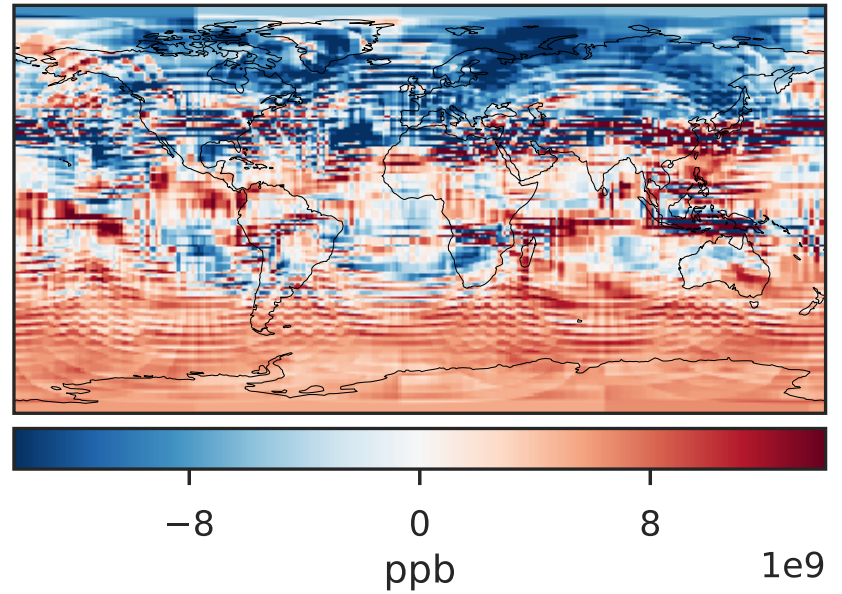
GCHP_14.2.0 (Dev)
c24



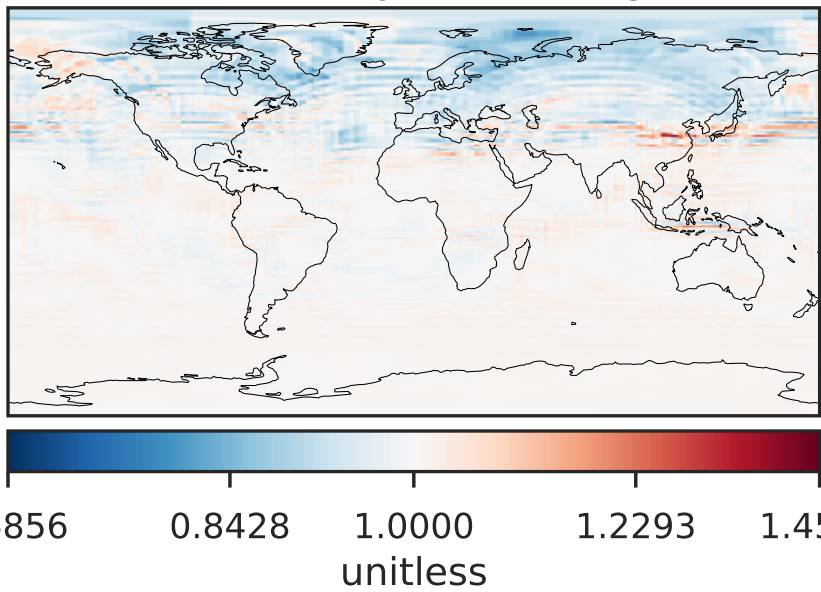
Difference (1x1.25)
Dev - Ref, Dynamic Range



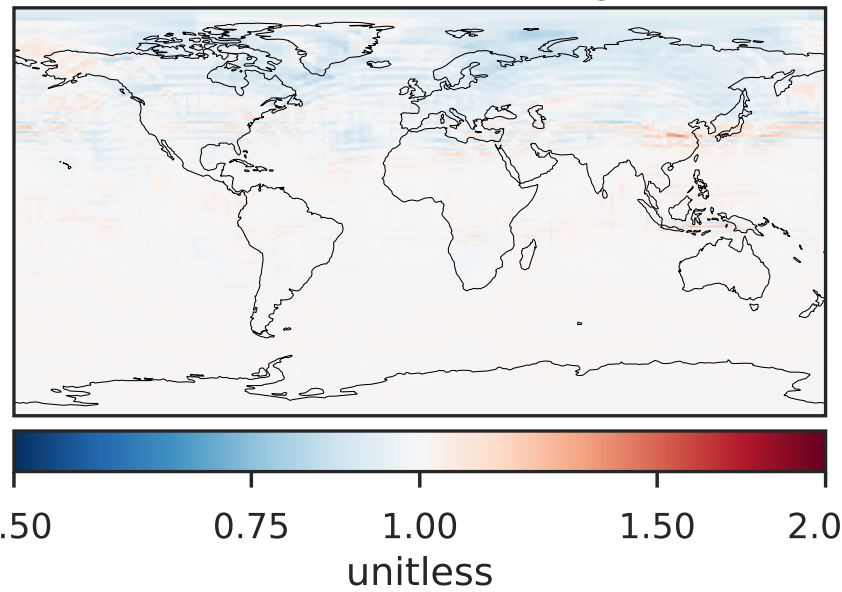
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

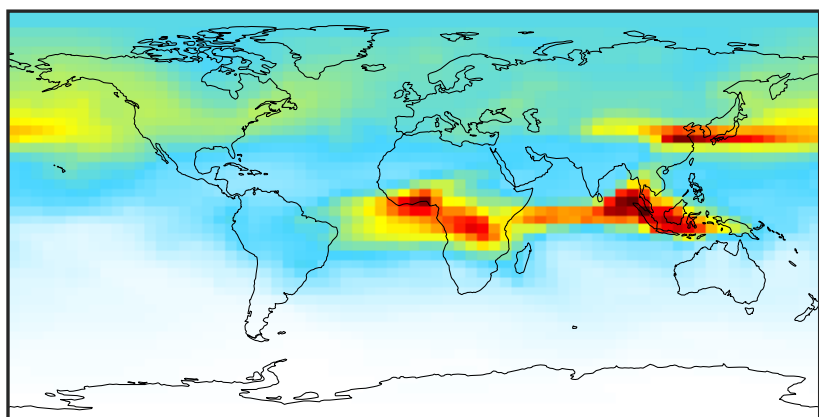


Ratio (1x1.25)
Dev/Ref, Fixed Range



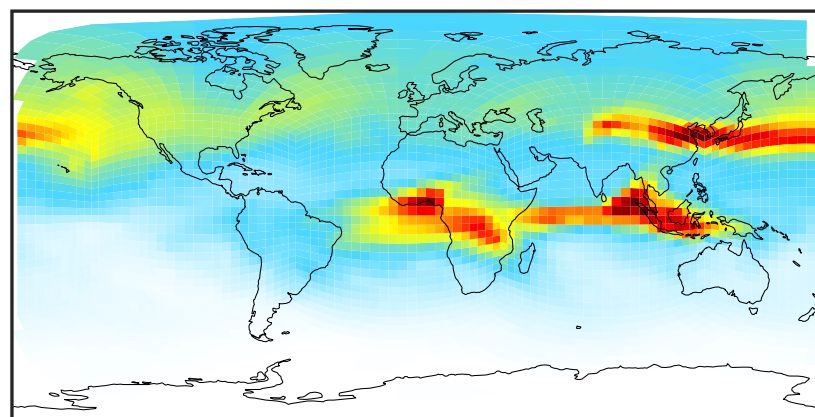
SpeciesConcVV_CO_25 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



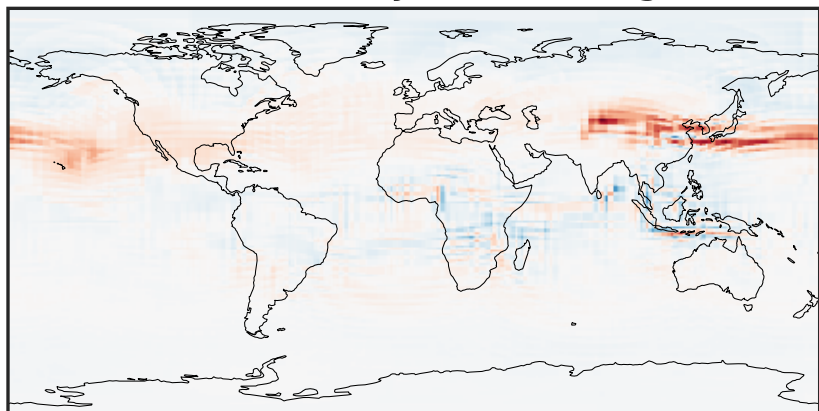
0.93 7.72 15.44 23.15 31.80
ppb

GCHP_14.2.0 (Dev)
c24



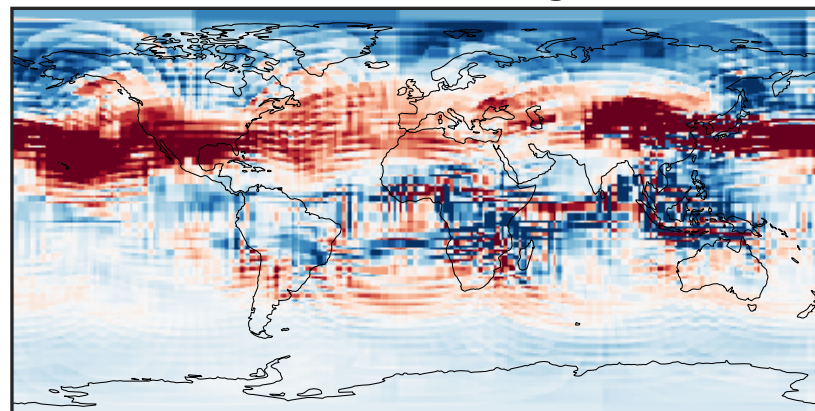
0.93 7.72 15.44 23.15 31.80
ppb

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



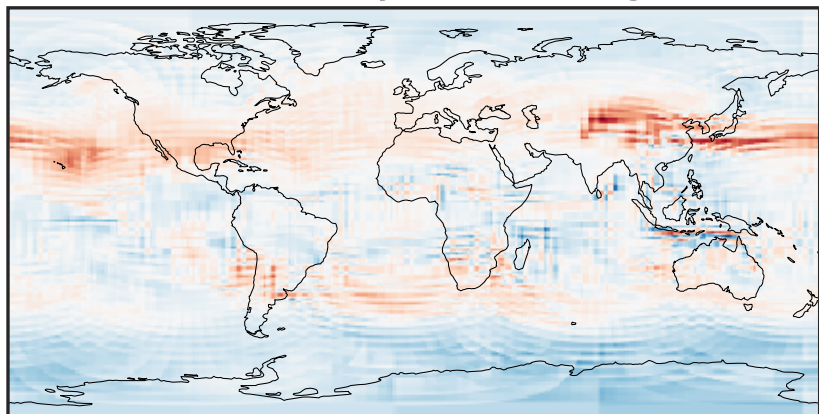
-10.29 -5.15 0.00 5.15 10.29
ppb

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



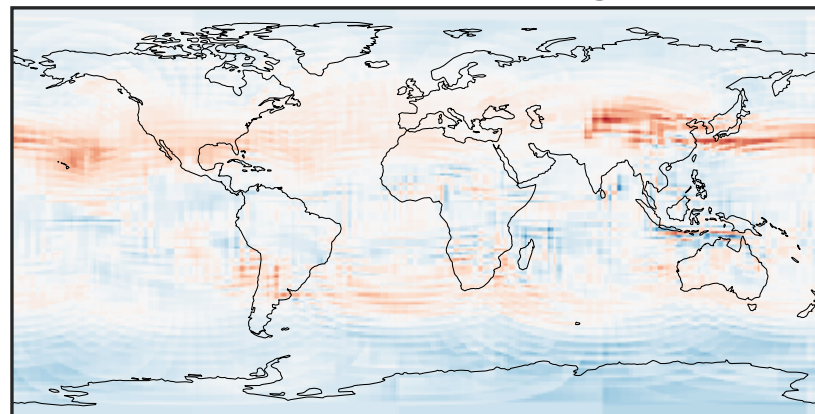
-1.084 -0.542 0.000 0.542 1.084
ppb

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



0.563 0.781 1.000 1.388 1.777
unitless

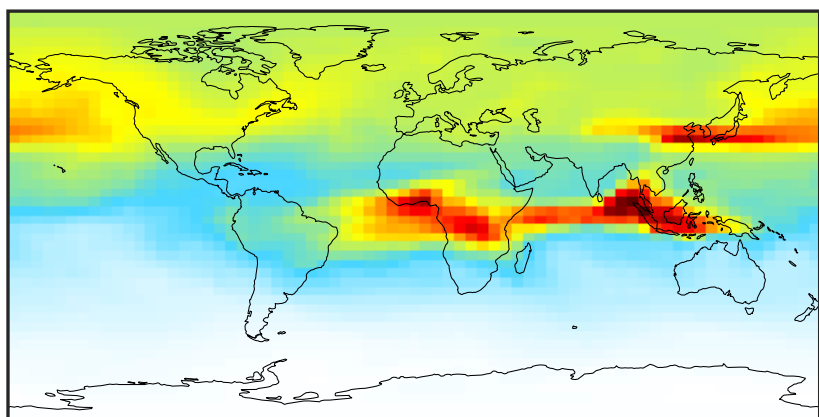
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

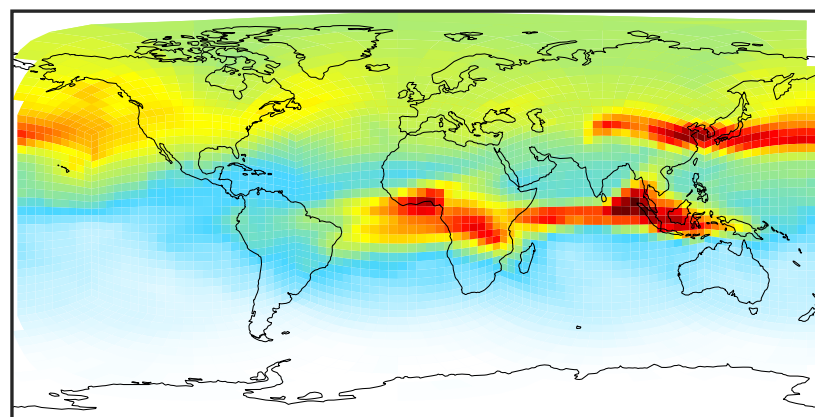
SpeciesConcVV_CO_50 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



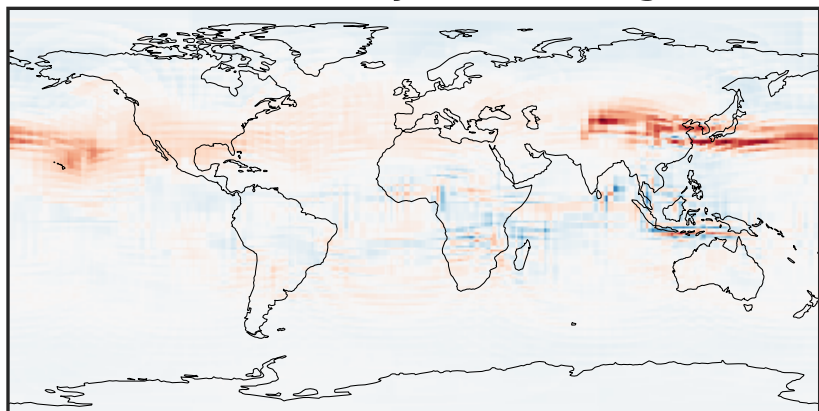
3.38 11.34 22.68 34.02 48.74
ppb

GCHP_14.2.0 (Dev)
c24



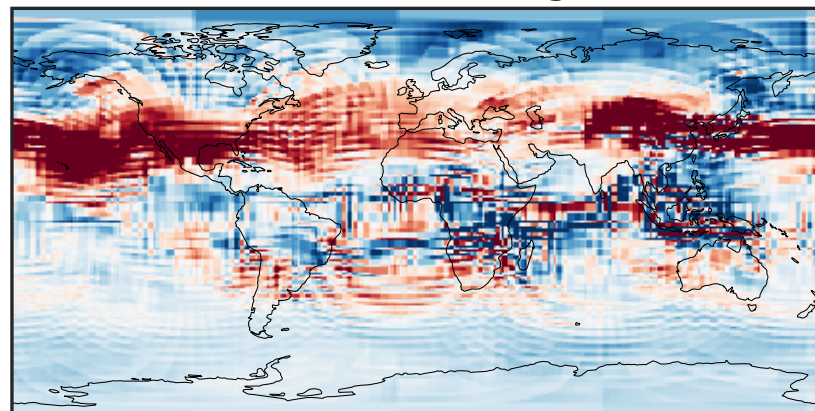
3.38 11.34 22.68 34.02 48.74
ppb

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



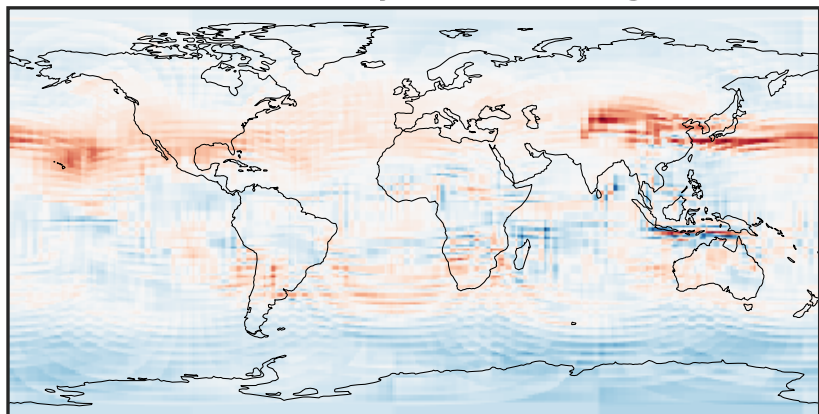
-11.56 -5.78 0.00 5.78 11.56
ppb

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



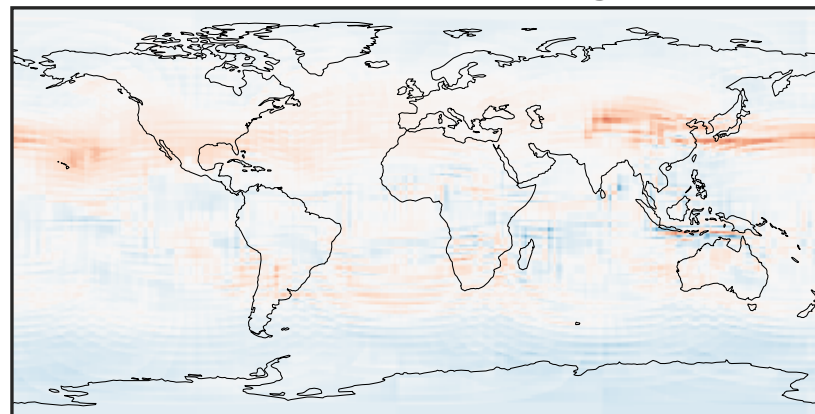
-1.545 -0.772 0.000 0.772 1.545
ppb

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



0.6864 0.8432 1.0000 1.2284 1.4569
unitless

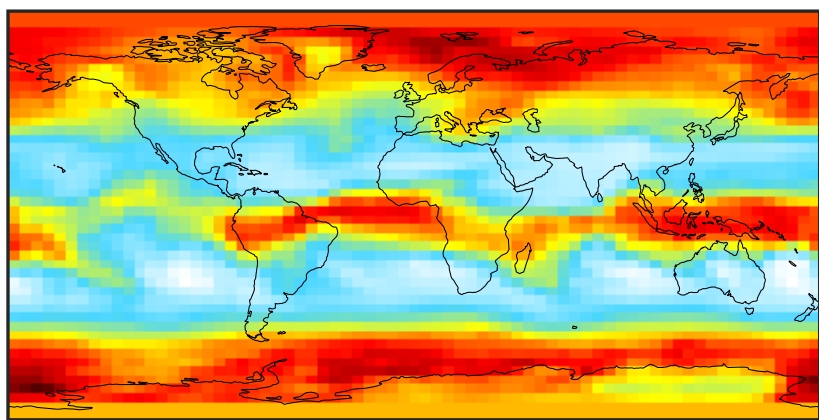
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

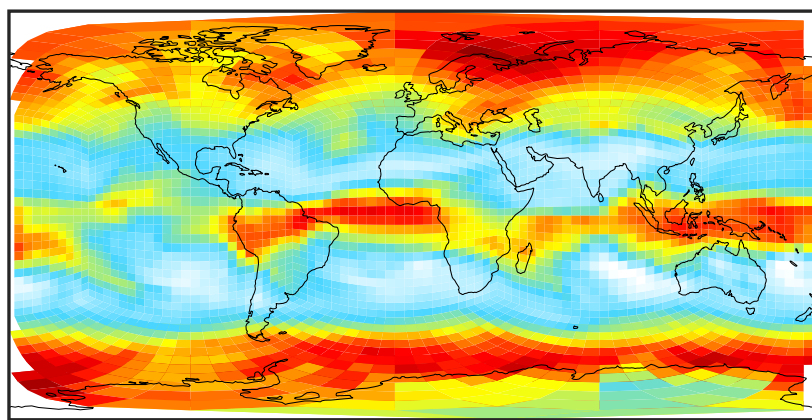
SpeciesConcVW_e90 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



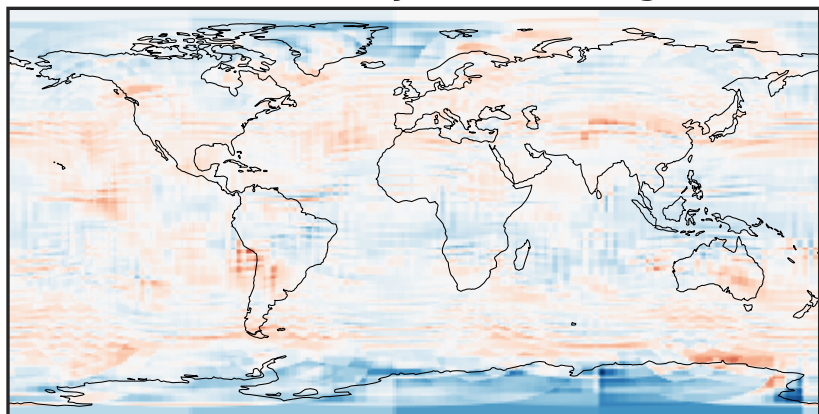
5.74 11.47 17.21 54.59 77.53
ppb

GCHP_14.2.0 (Dev)
c24



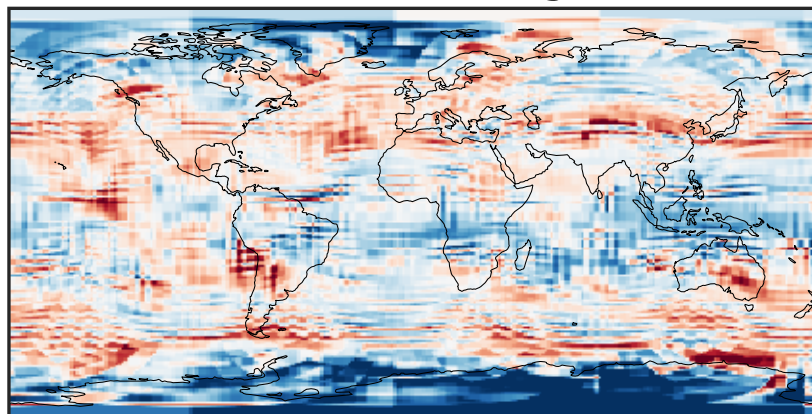
5.74 11.47 17.21 54.59 77.53
ppb

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



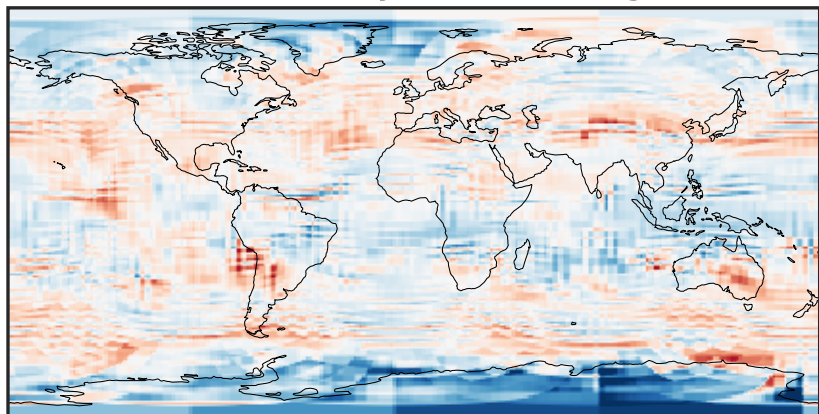
-8.01 -4.01 0.00 4.01 8.01
ppb

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



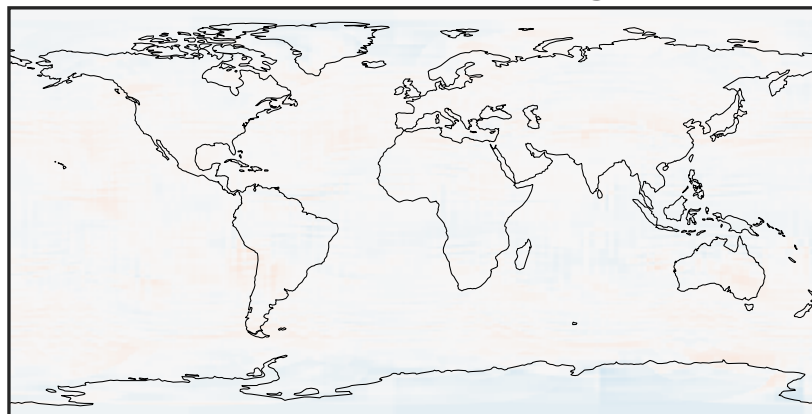
-2.94 -1.47 0.00 1.47 2.94
ppb

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



0.9255 0.9628 1.0000 1.0402 1.0804
unitless

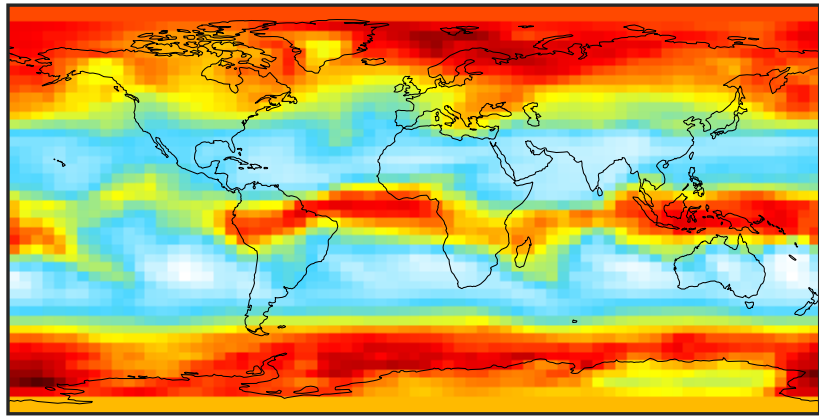
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

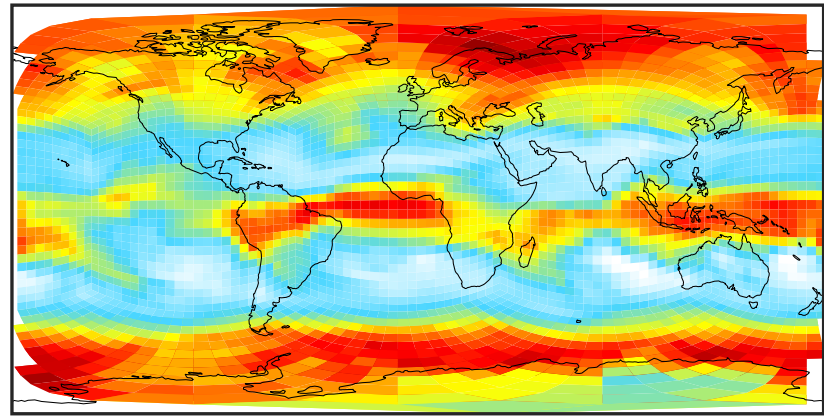
SpeciesConcVV_e90_n (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



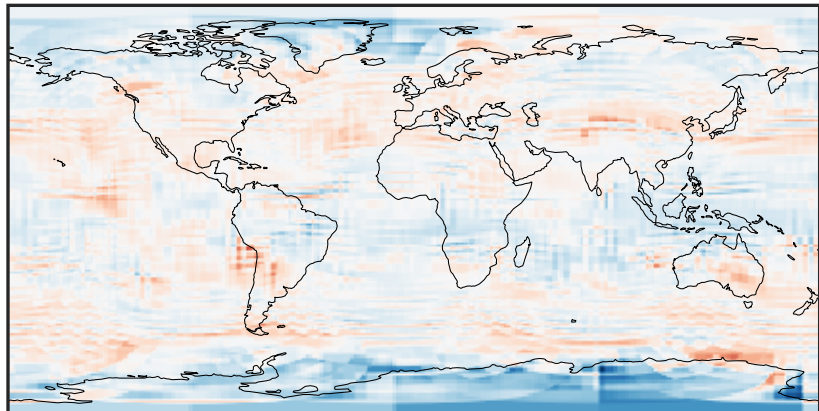
5.74 1.47 7.21 54.59 77.53
ppb

GCHP_14.2.0 (Dev)
c24



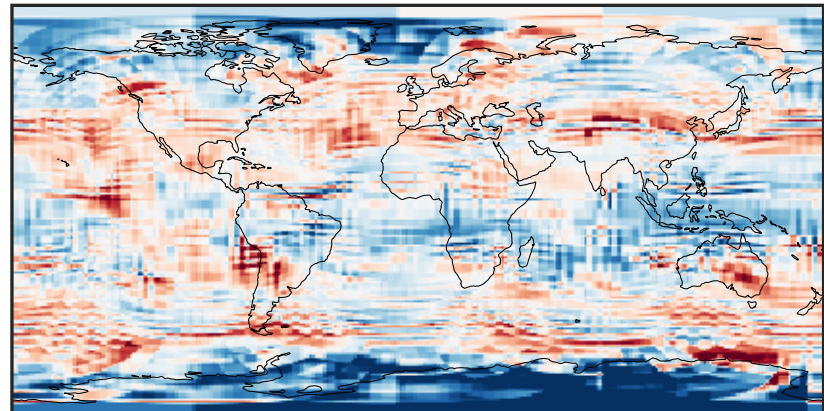
5.74 1.47 7.21 54.59 77.53
ppb

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



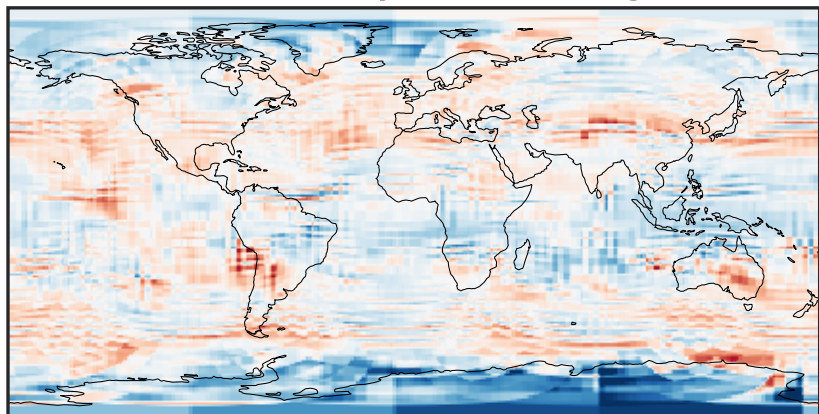
-8.01 -4.01 0.00 4.01 8.01
ppb

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



-2.94 -1.47 0.00 1.47 2.94
ppb

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



0.9255 0.9628 1.0000 1.0402 1.0804
unitless

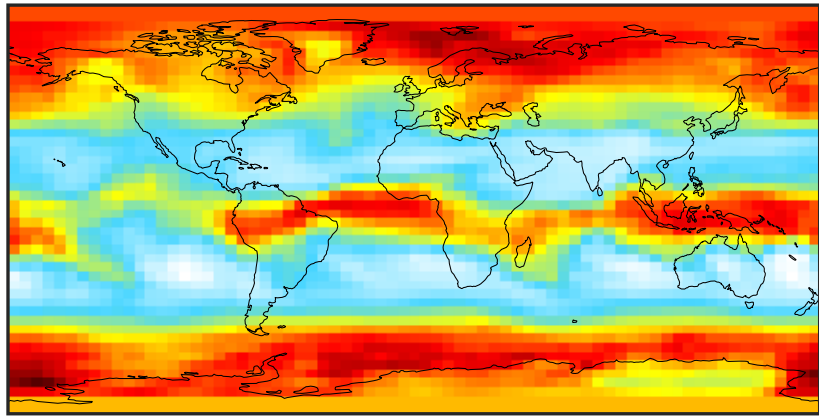
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

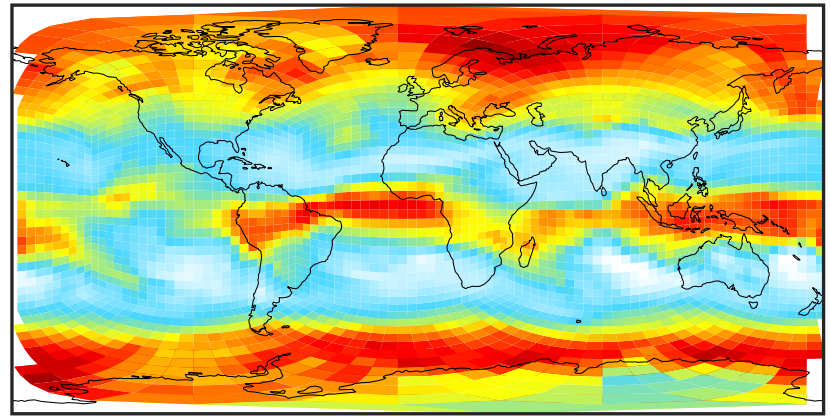
SpeciesConcVV_e90_s (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



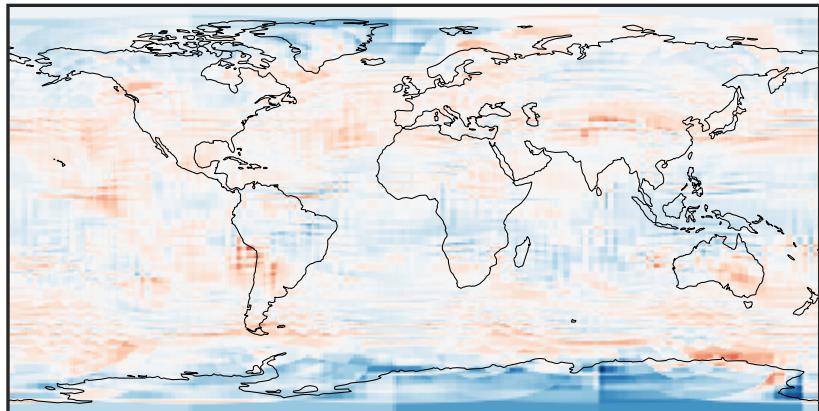
5.74 1.47 7.21
54.59 77.53
ppb

GCHP_14.2.0 (Dev)
c24



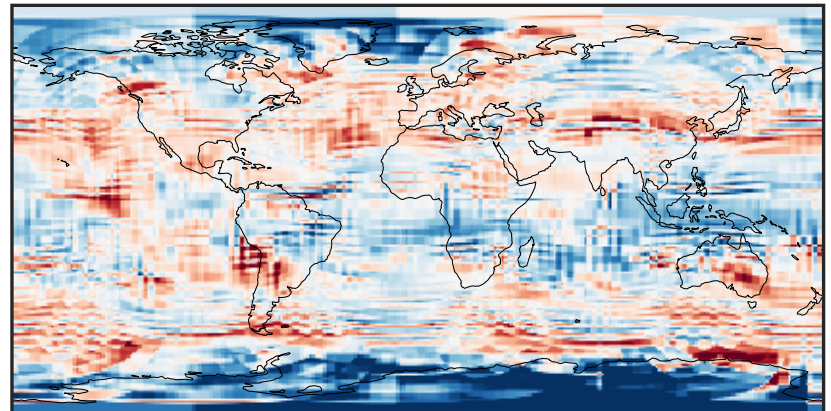
5.74 1.47 7.21
54.59 77.53
ppb

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



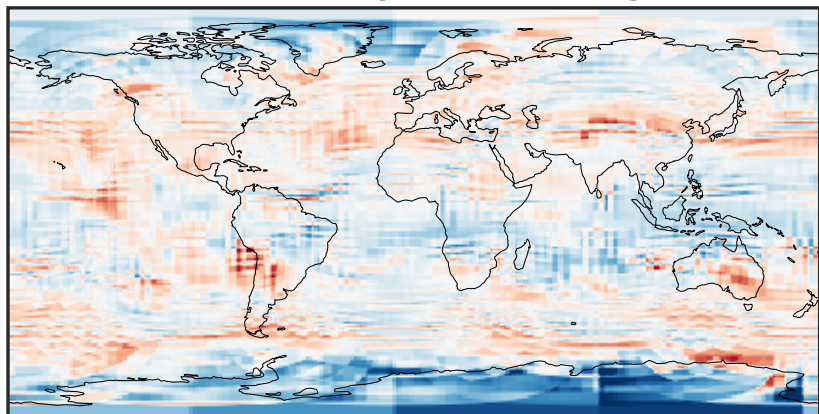
-8.01 -4.01 0.00 4.01 8.01
ppb

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



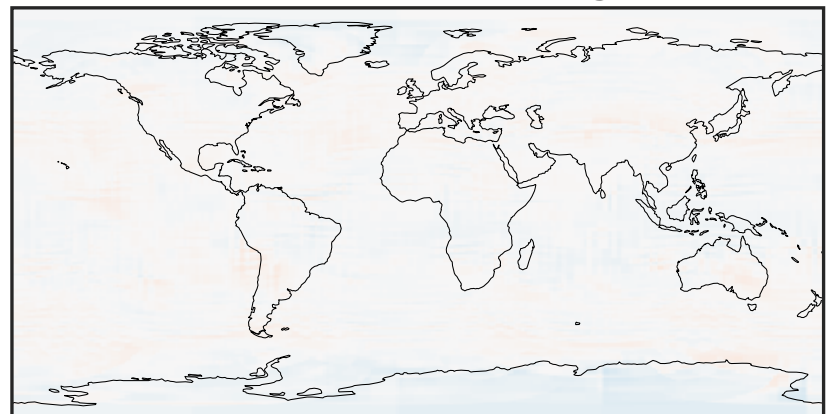
-2.94 -1.47 0.00 1.47 2.94
ppb

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



0.9255 0.9628 1.0000 1.0402 1.0804
unitless

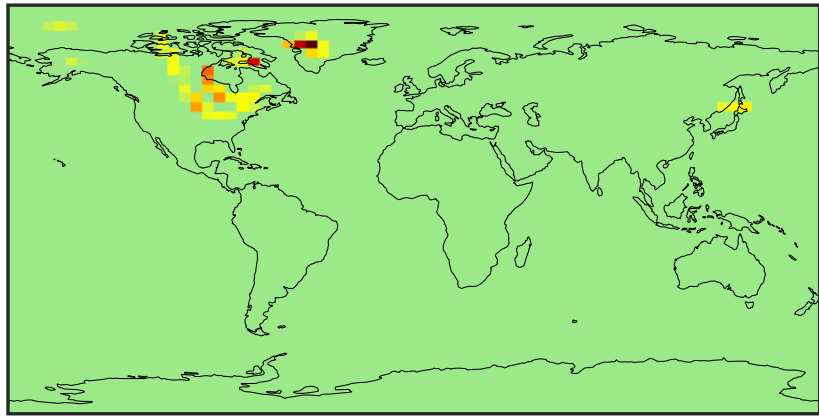
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

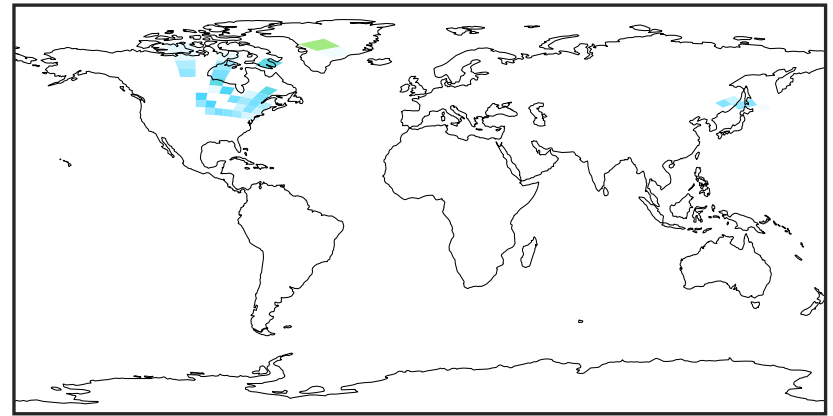
SpeciesConcVV_st80_25 (Jan2019)

GCC_14.2.0 (Ref)
4.0x5.0



0.0875 0.0900 0.0925
ppb +1.998e2

GCHP_14.2.0 (Dev)
c24



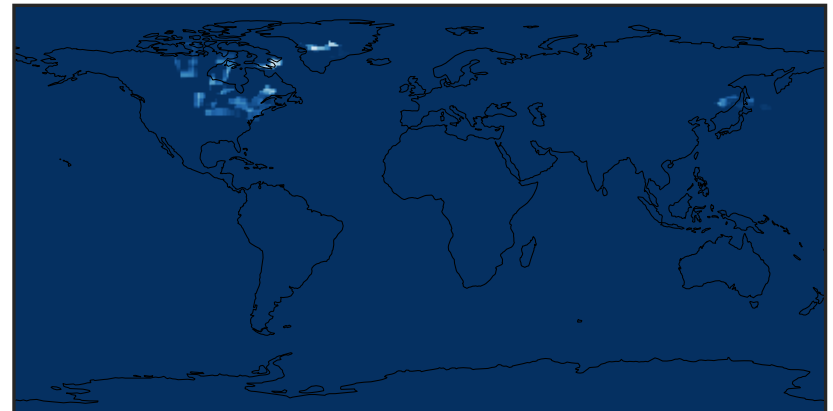
0.0875 0.0900 0.0925
ppb +1.998e2

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



-0.004 0.000 0.004
ppb

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



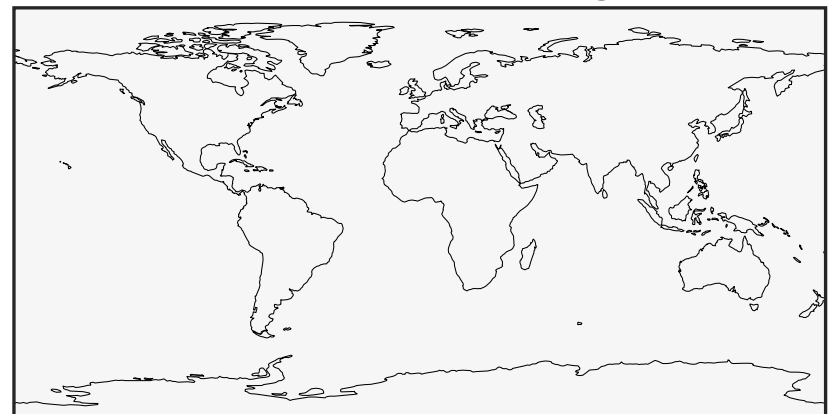
-0.002 0.000 0.002
ppb

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



0.999997282 1.000000000
unitless

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



0.50 0.75 1.00 1.50 2.00
unitless