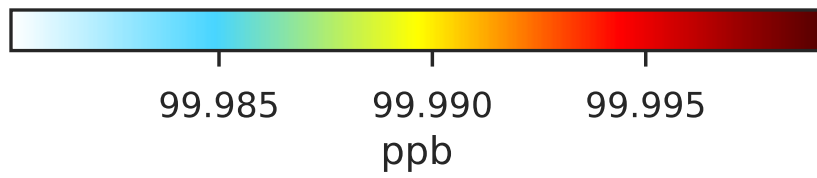
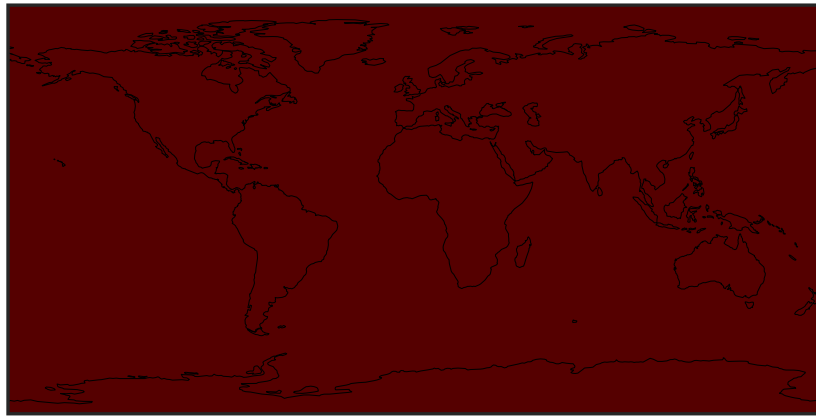
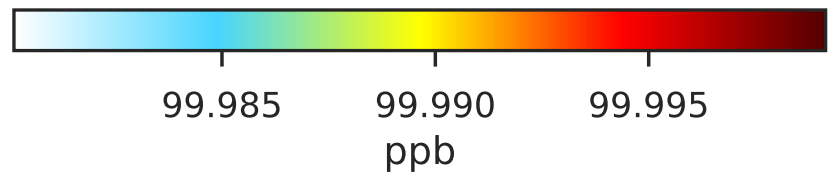


SpeciesConcVV_PassiveTracer (Apr2019)

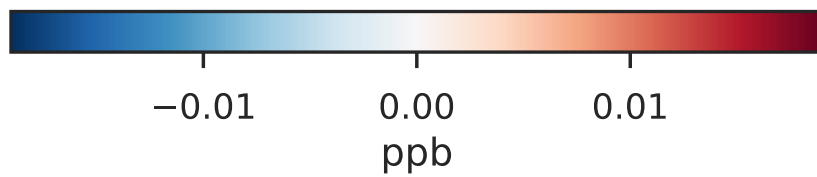
GCC 14.2.2 (Ref)
4.0x5.0



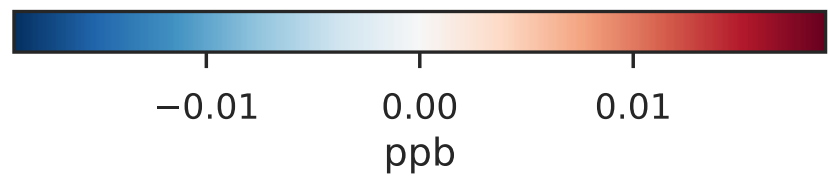
GCHP 14.2.2 using wind (Dev)
c180



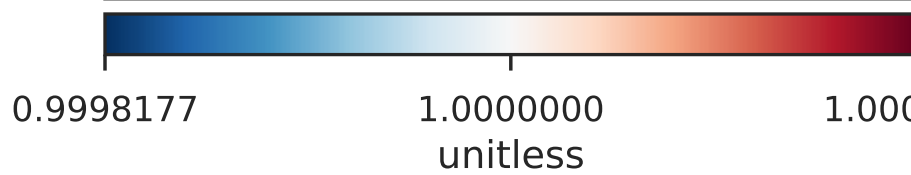
Difference (1x1.25)
Dev - Ref, Dynamic Range



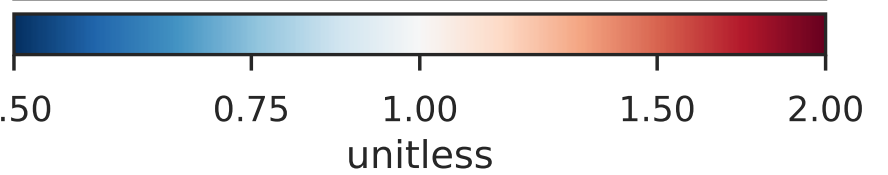
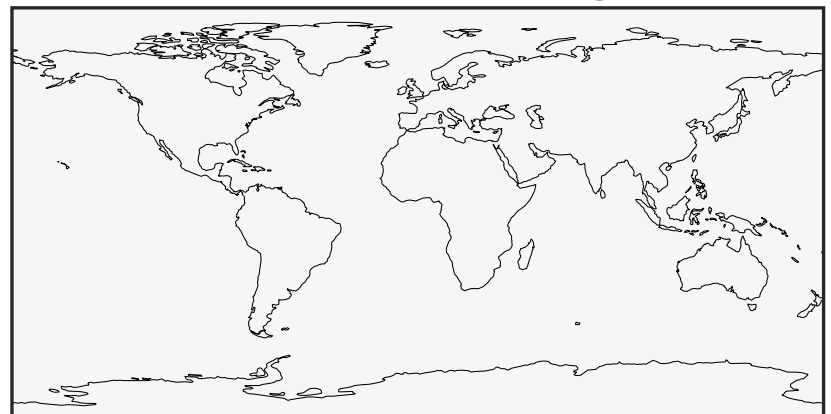
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

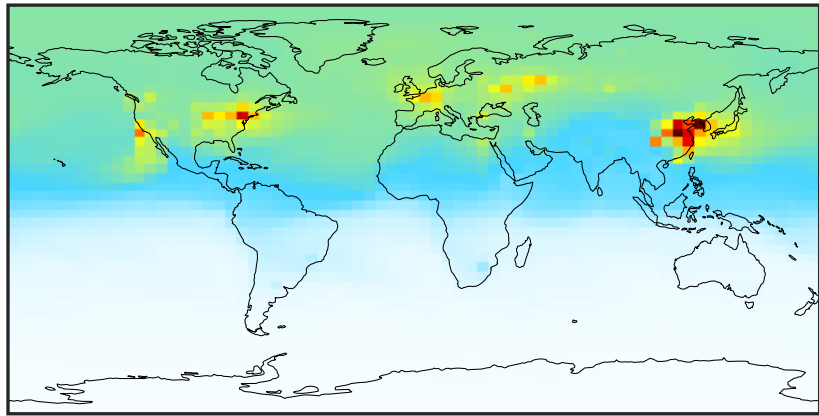


Ratio (1x1.25)
Dev/Ref, Fixed Range



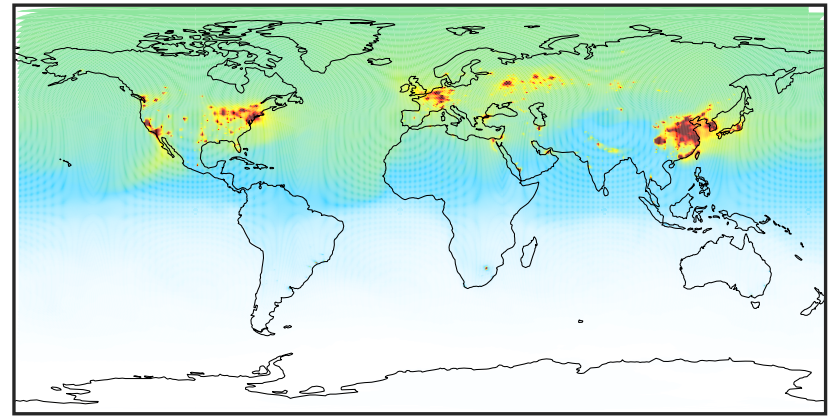
SpeciesConcVV_SF6 (Apr2019)

GCC 14.2.2 (Ref)
4.0x5.0



0.0027 0.0030 0.0033 0.0036
ppb

GCHP 14.2.2 using wind (Dev)
c180



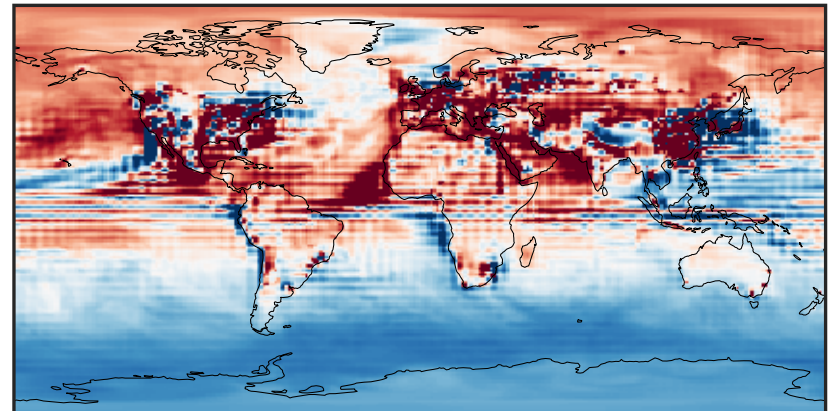
0.0027 0.0030 0.0033 0.0036
ppb

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



-0.0025 0.0000 0.0025
ppb

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



-1.5 0.0 1.5
ppb $1e-5$

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



0.404 0.702 1.000 1.736 2.472
unitless

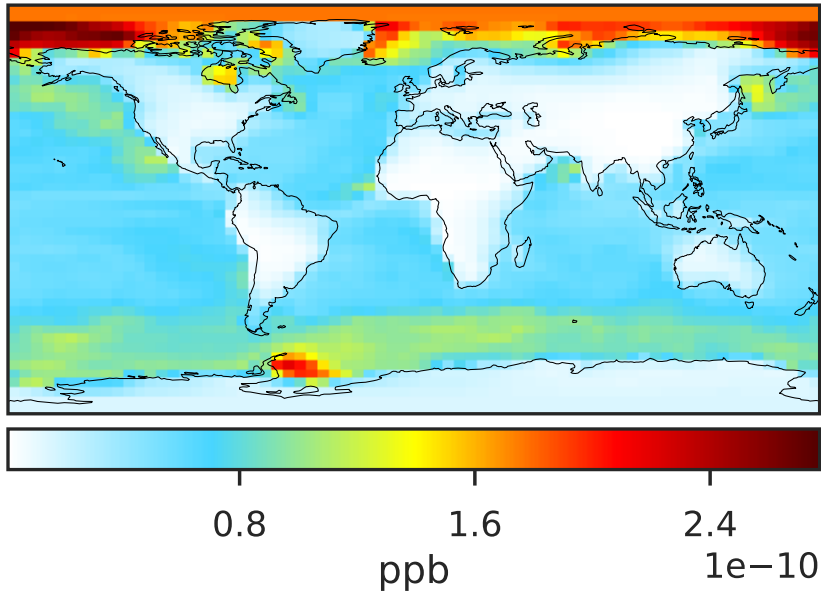
Ratio (1x1.25)
Dev/Ref, Fixed Range



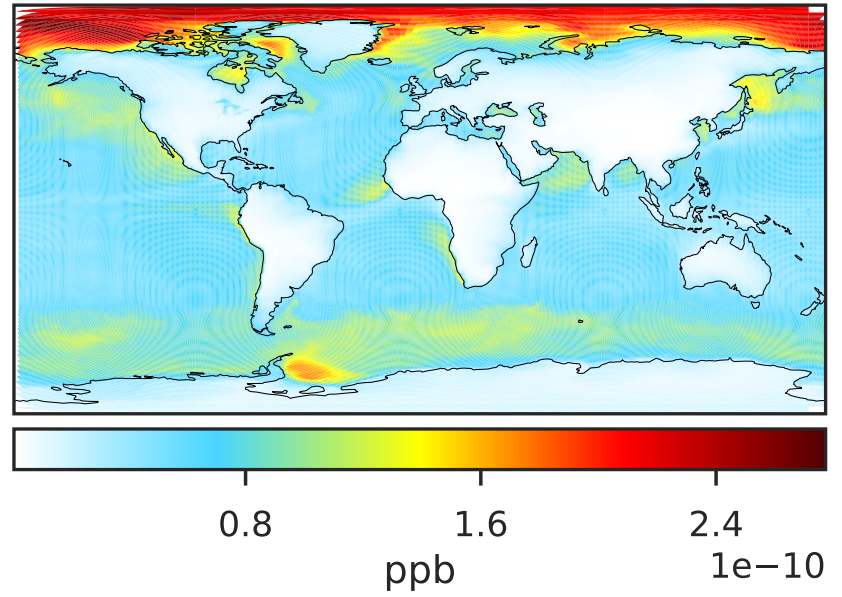
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH3I (Apr2019)

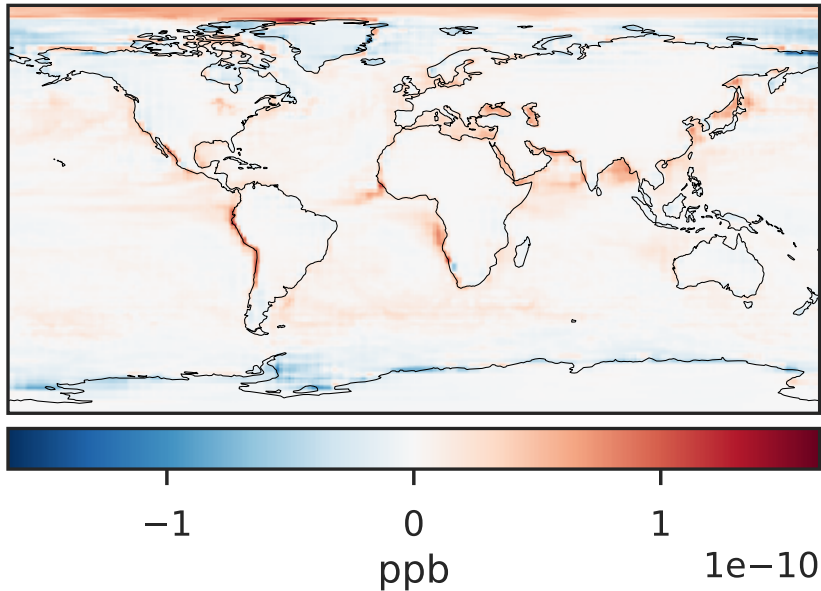
GCC 14.2.2 (Ref)
4.0x5.0



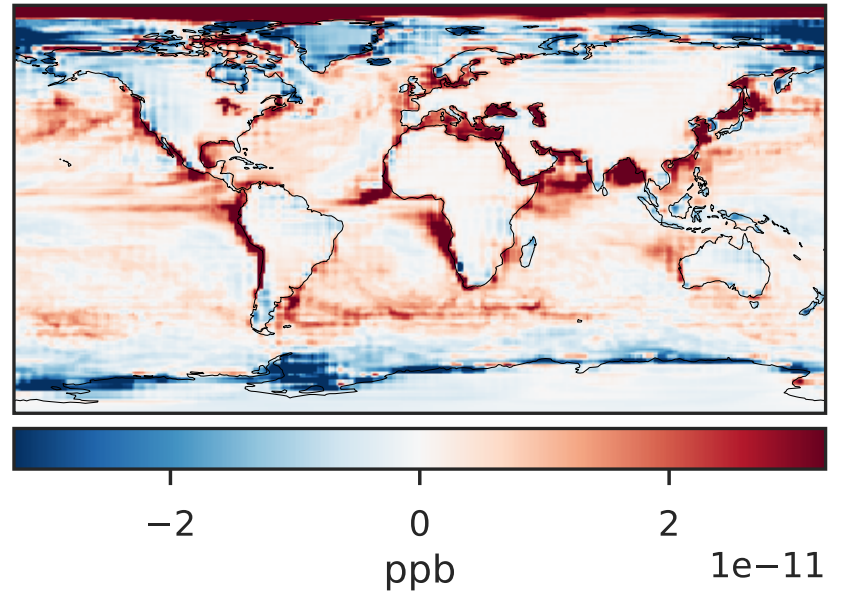
GCHP 14.2.2 using wind (Dev)
c180



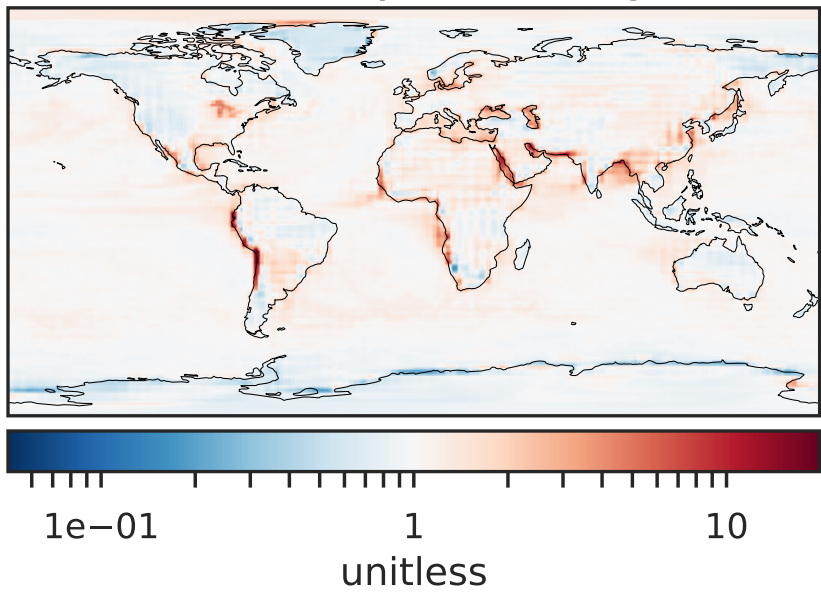
Difference (1x1.25)
Dev - Ref, Dynamic Range



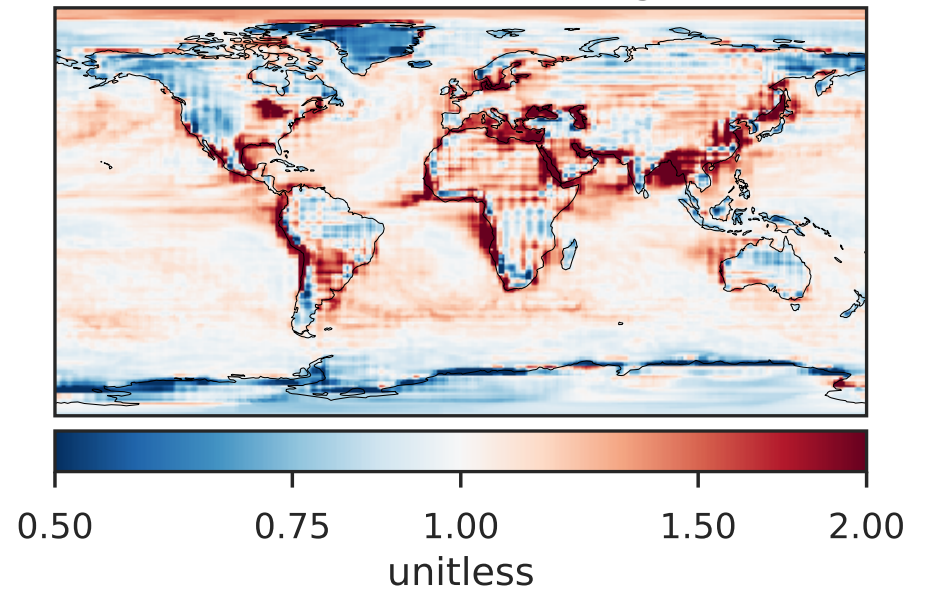
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

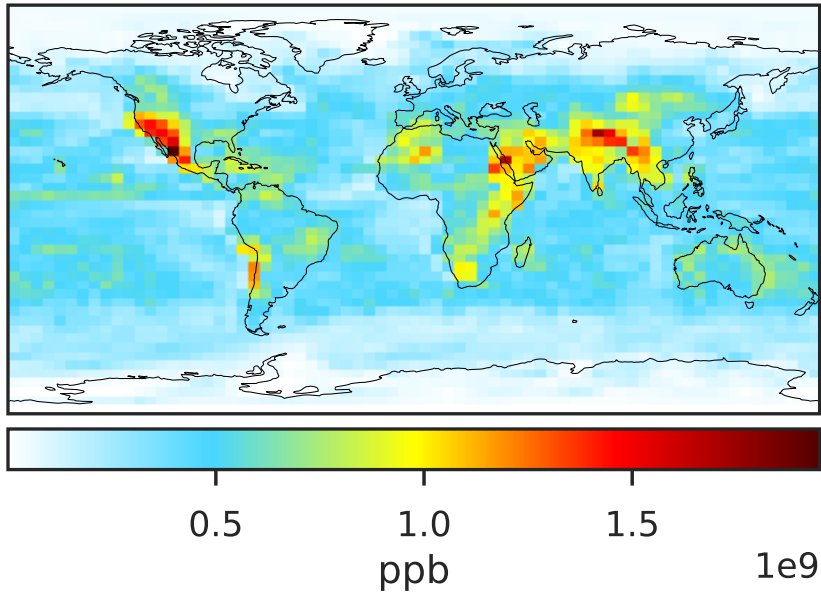


Ratio (1x1.25)
Dev/Ref, Fixed Range

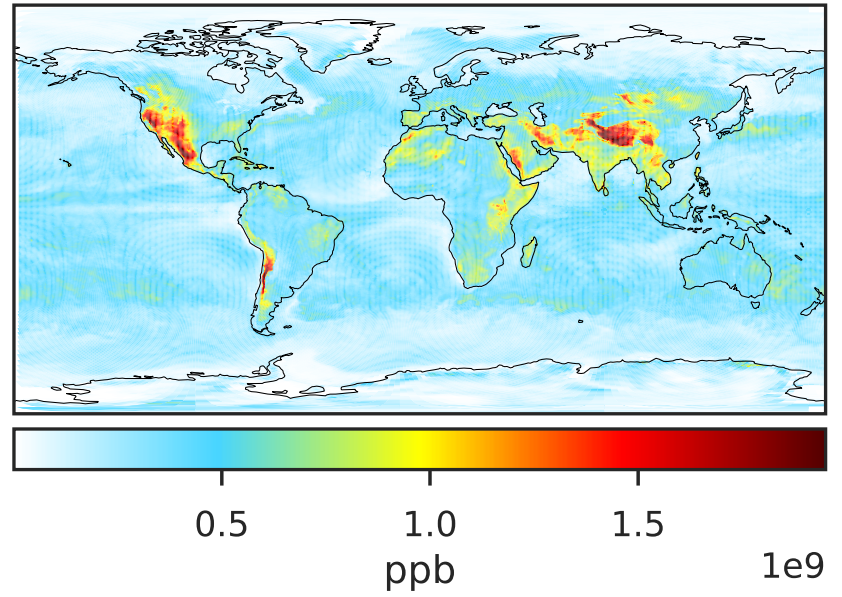


SpeciesConcVV_aoa (Apr2019)

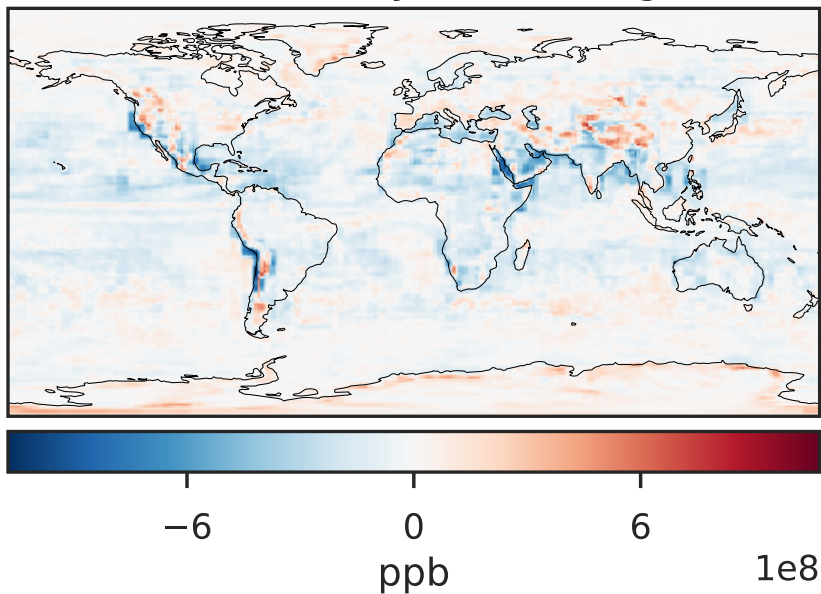
GCC 14.2.2 (Ref)
4.0x5.0



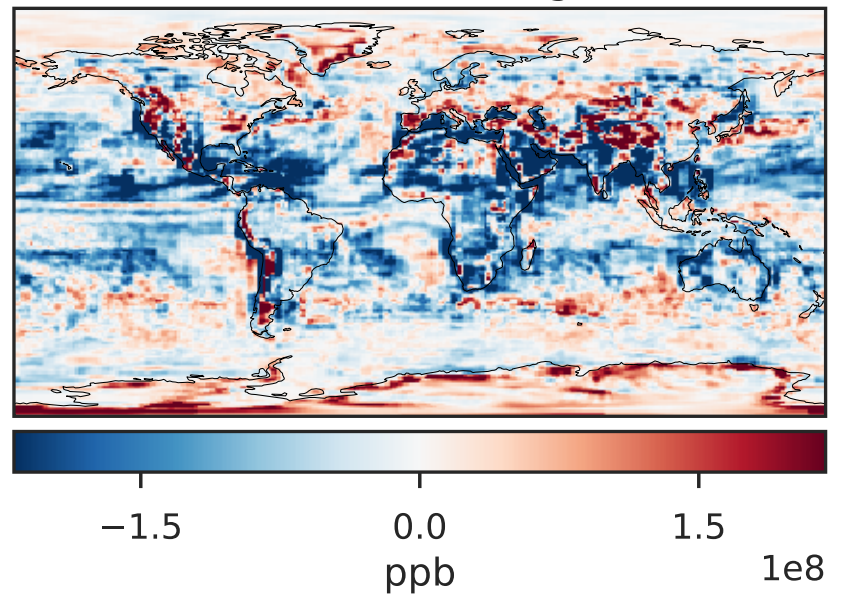
GCHP 14.2.2 using wind (Dev)
c180



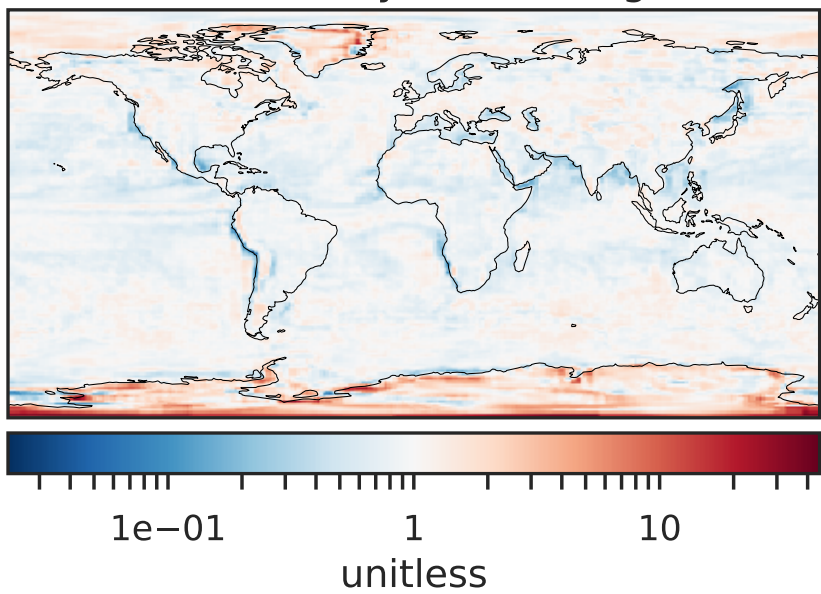
Difference (1x1.25)
Dev - Ref, Dynamic Range



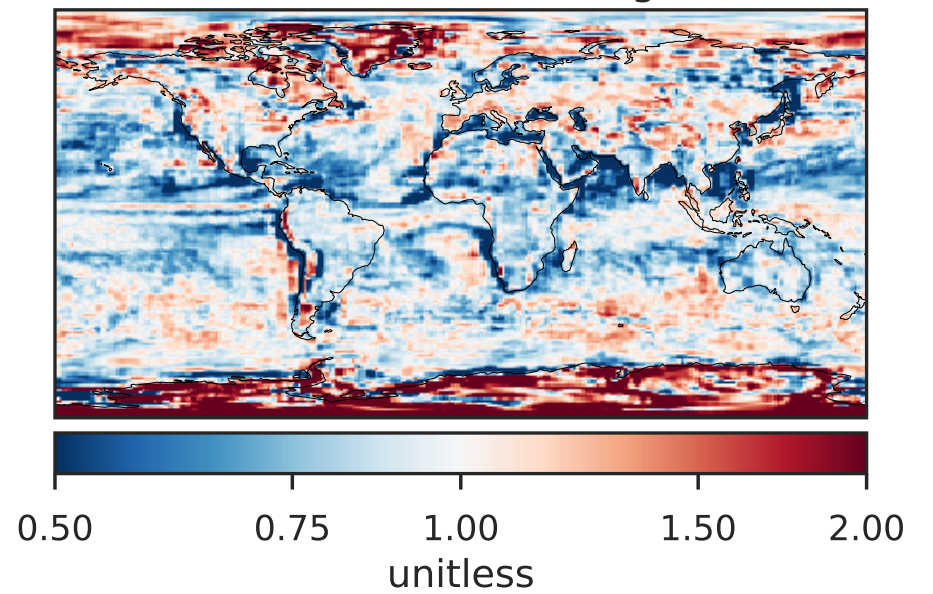
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

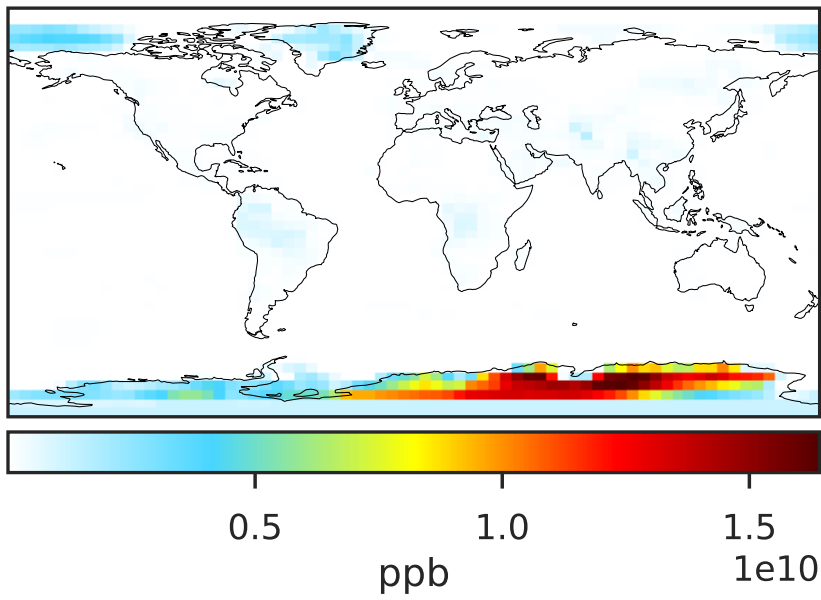


Ratio (1x1.25)
Dev/Ref, Fixed Range

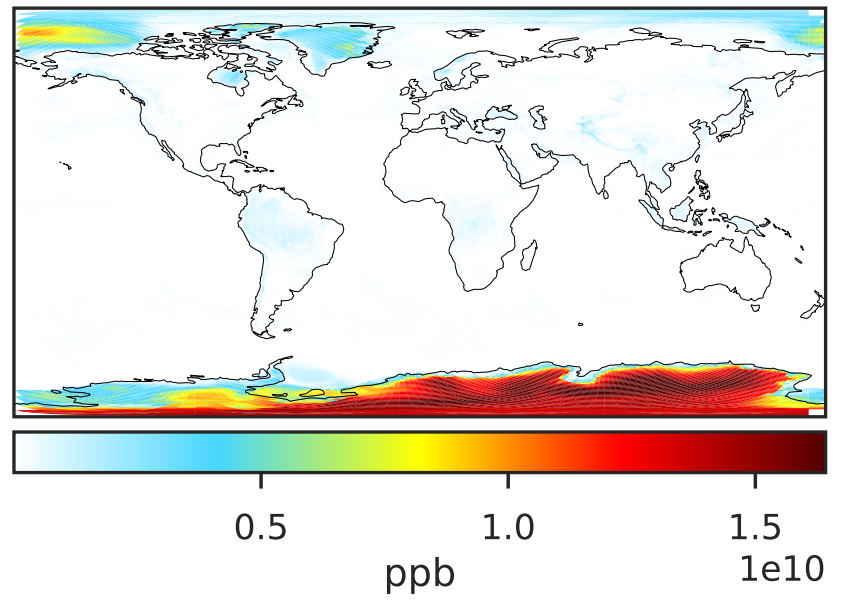


SpeciesConcVV_aoa_bl (Apr2019)

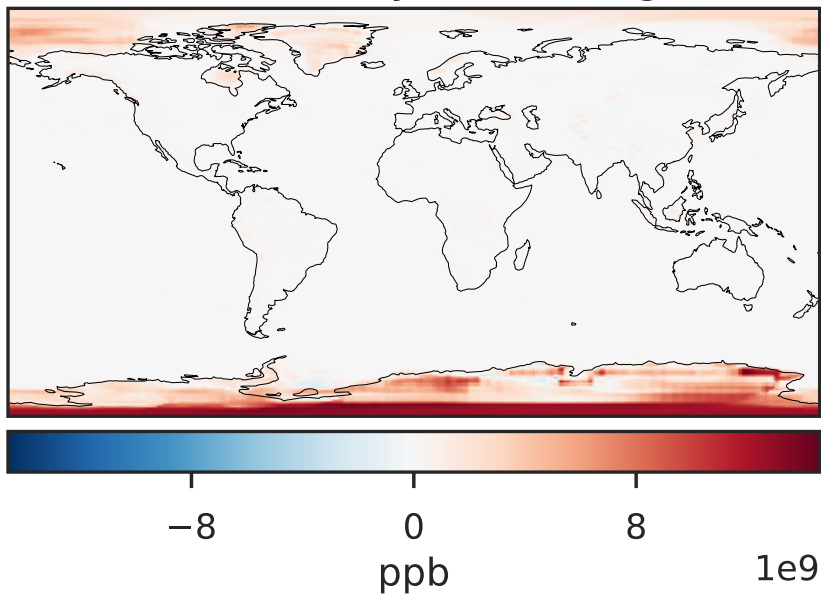
GCC 14.2.2 (Ref)
4.0x5.0



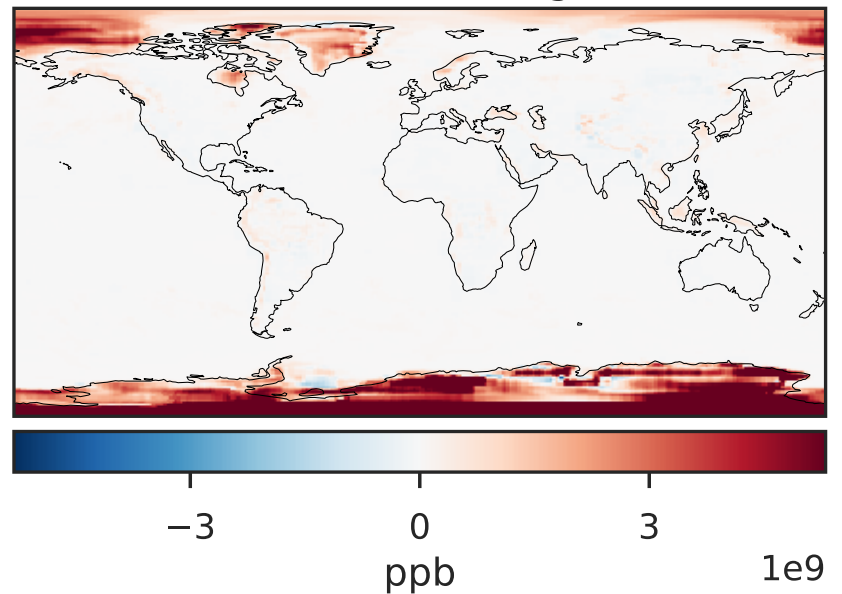
GCHP 14.2.2 using wind (Dev)
c180



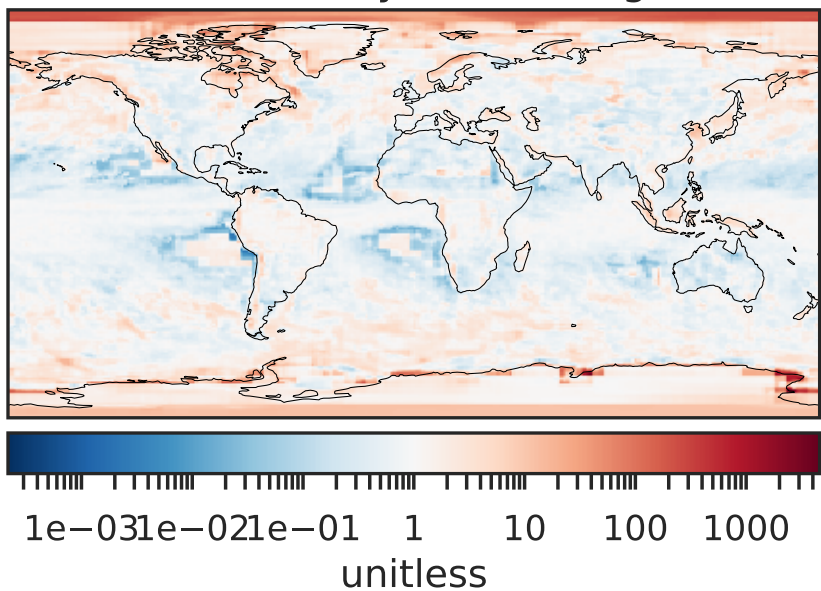
Difference (1x1.25)
Dev - Ref, Dynamic Range



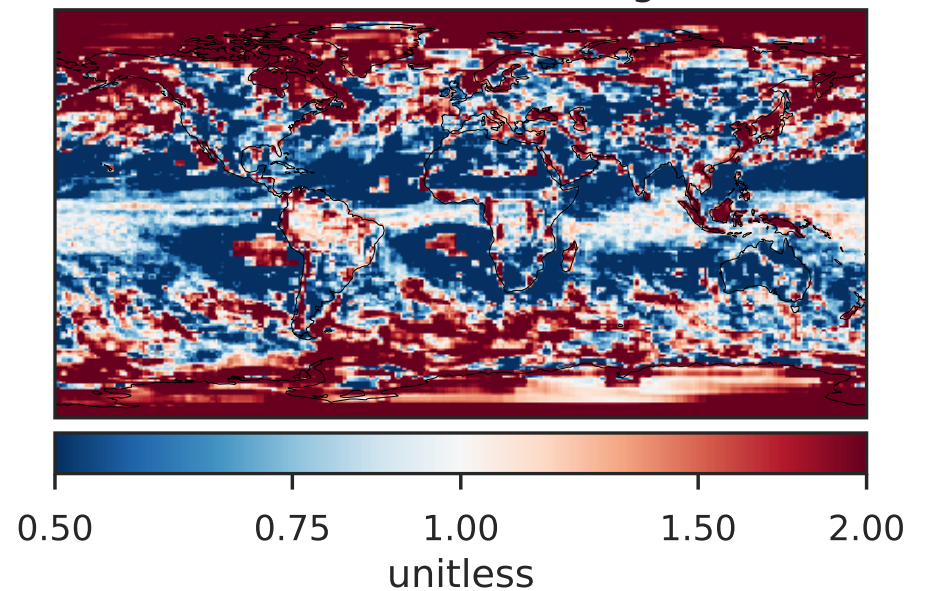
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

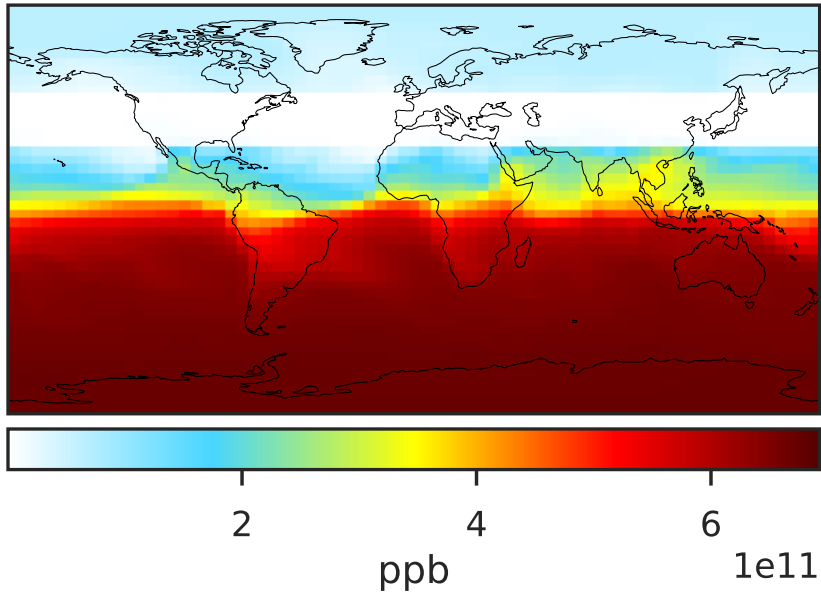


Ratio (1x1.25)
Dev/Ref, Fixed Range

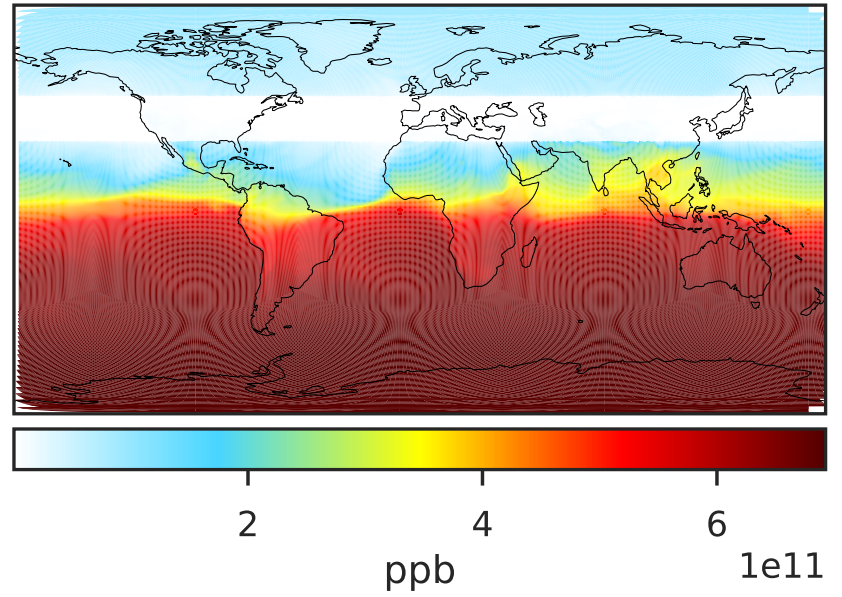


SpeciesConcVW_aoa_nh (Apr2019)

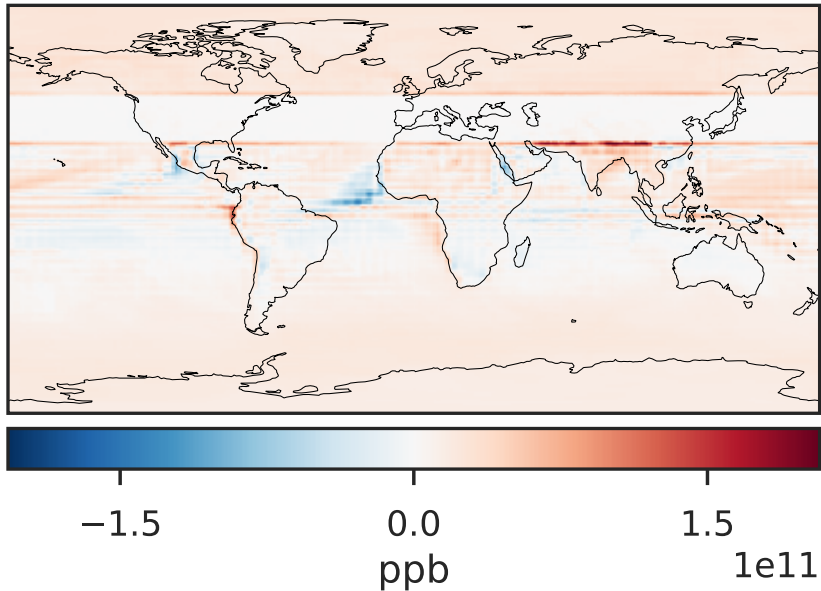
GCC 14.2.2 (Ref)
4.0x5.0



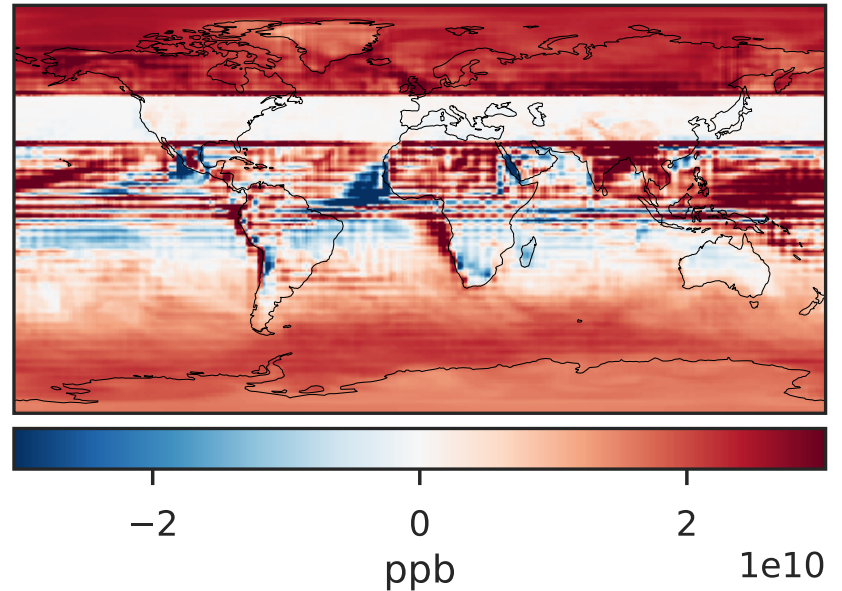
GCHP 14.2.2 using wind (Dev)
c180



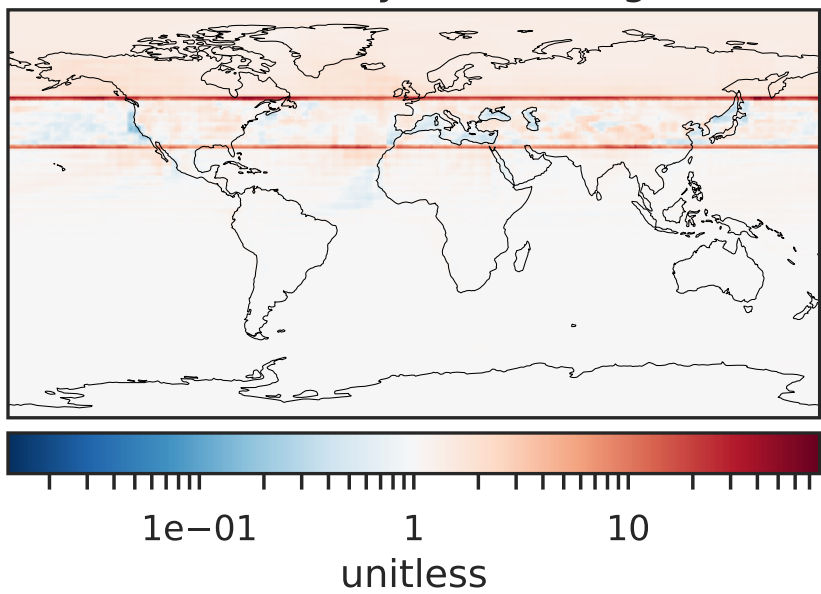
Difference (1x1.25)
Dev - Ref, Dynamic Range



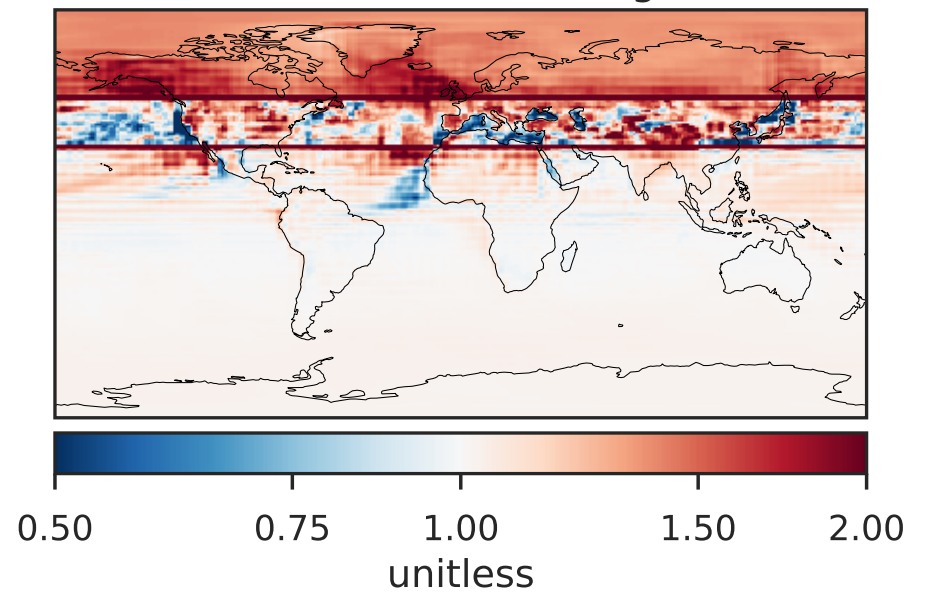
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

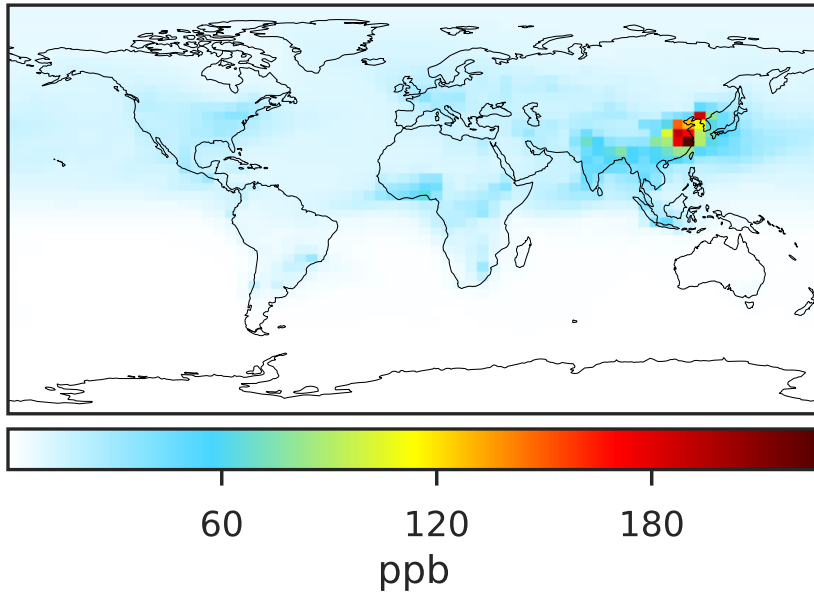


Ratio (1x1.25)
Dev/Ref, Fixed Range

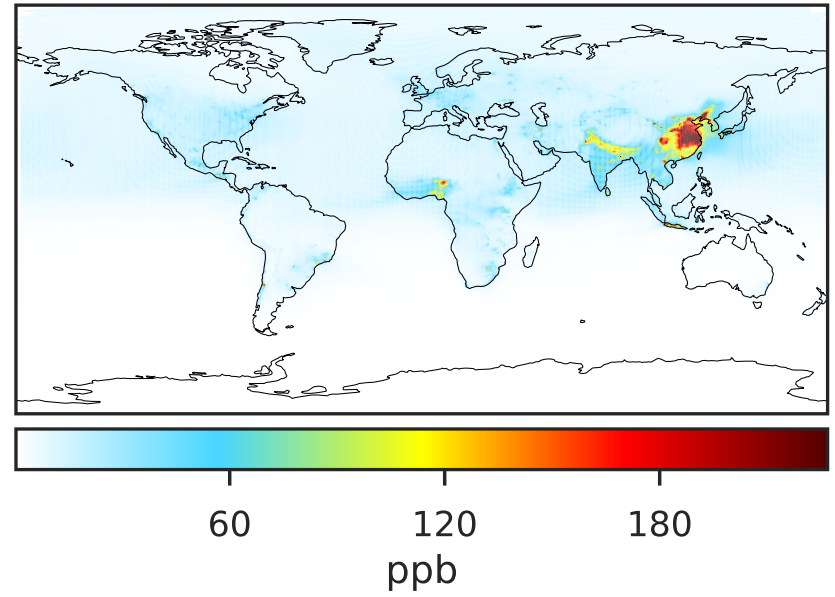


SpeciesConcVV_CO_25 (Apr2019)

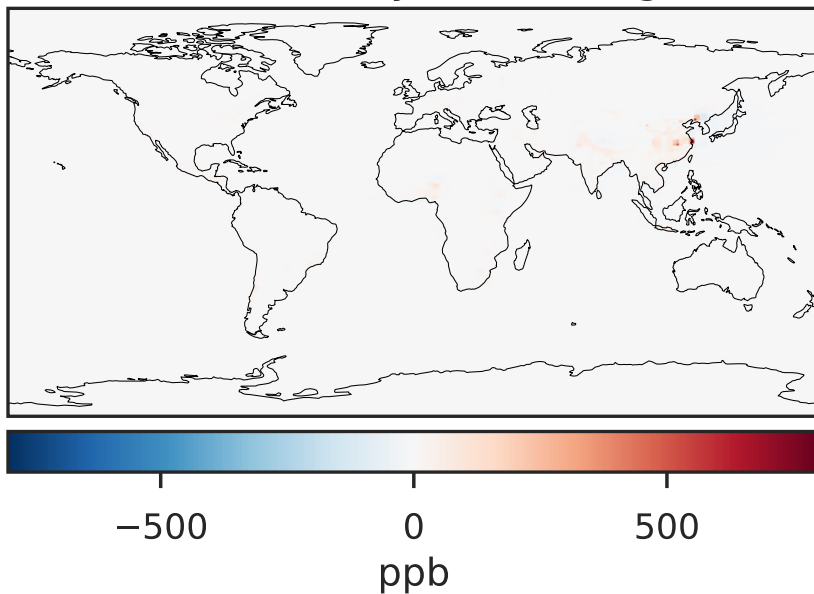
GCC 14.2.2 (Ref)
4.0x5.0



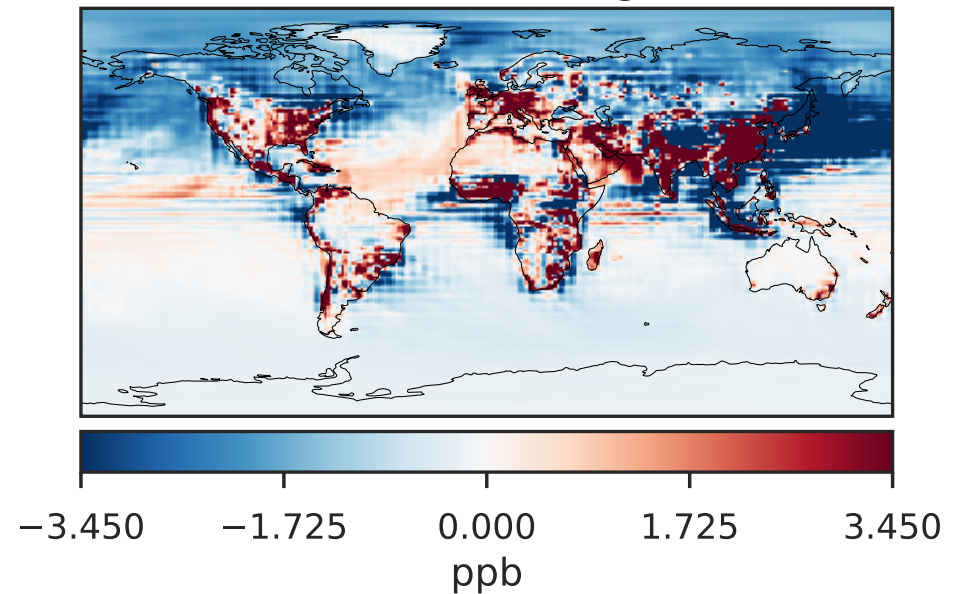
GCHP 14.2.2 using wind (Dev)
c180



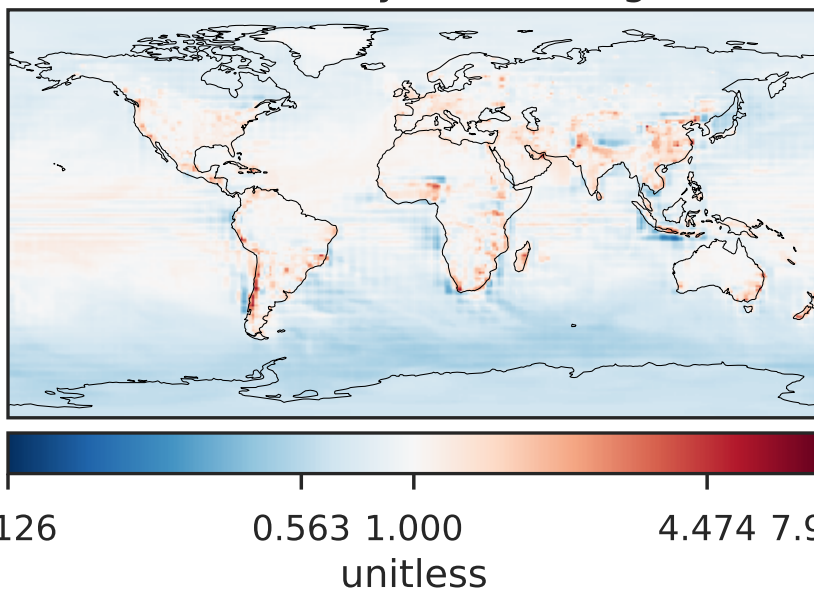
Difference (1x1.25)
Dev - Ref, Dynamic Range



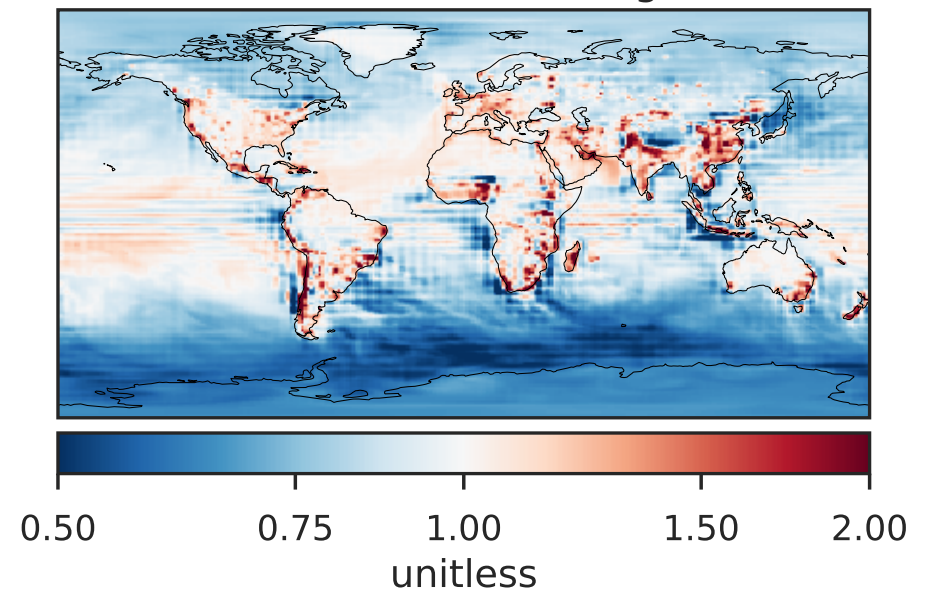
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

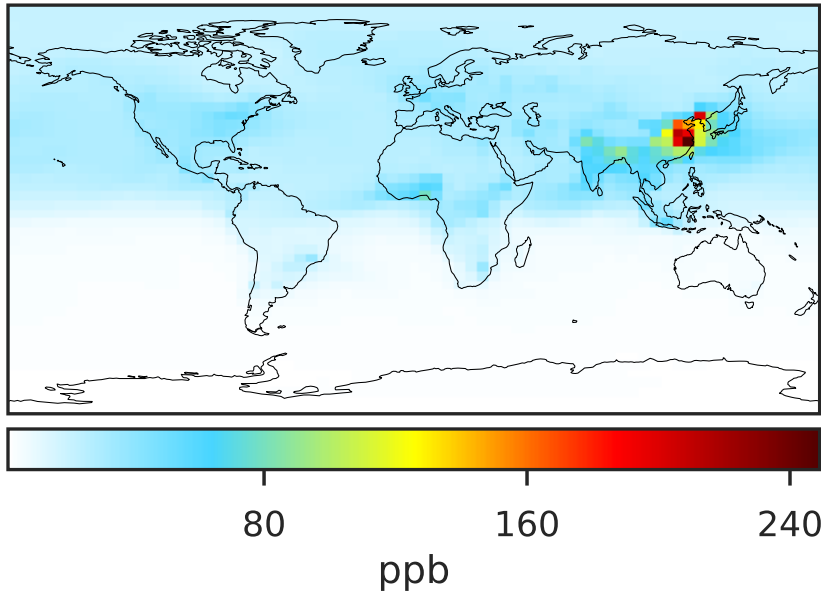


Ratio (1x1.25)
Dev/Ref, Fixed Range

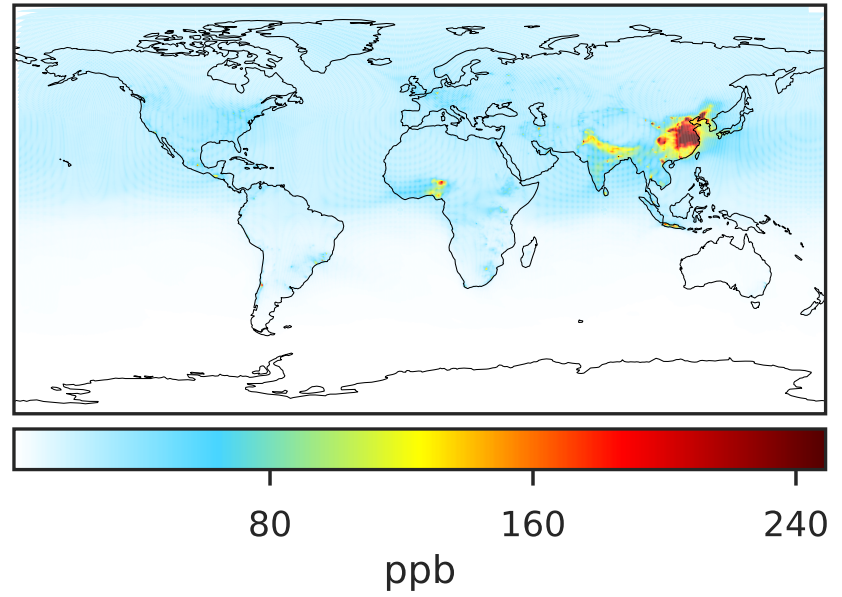


SpeciesConcVV_CO_50 (Apr2019)

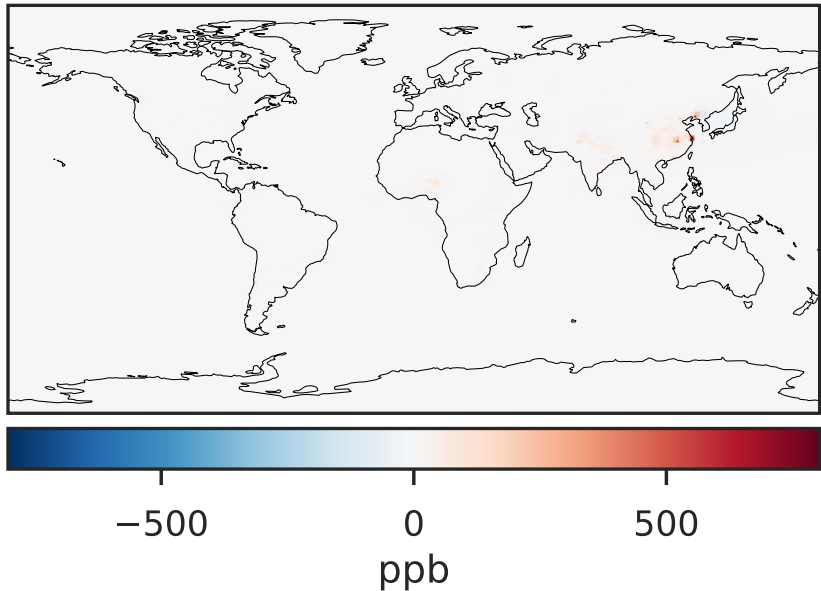
GCC 14.2.2 (Ref)
4.0x5.0



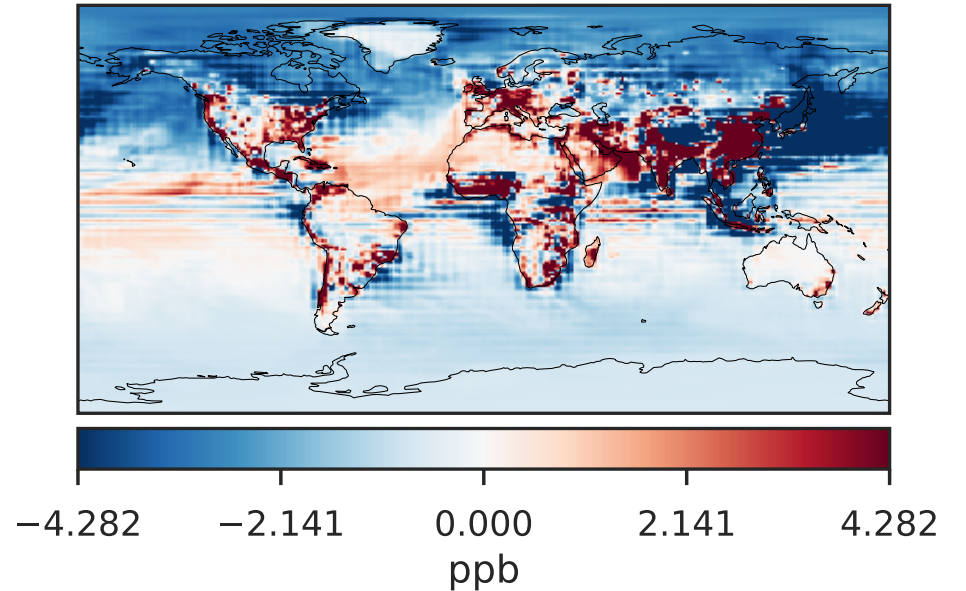
GCHP 14.2.2 using wind (Dev)
c180



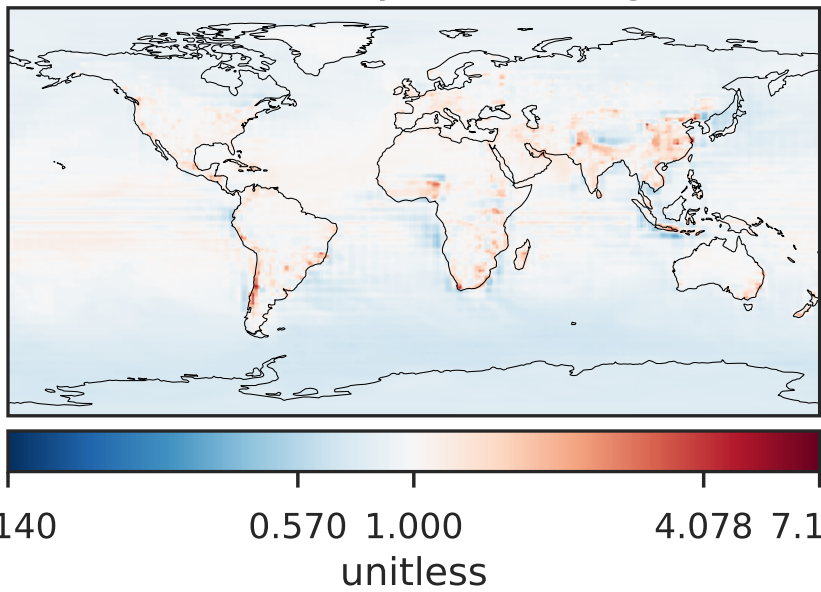
Difference (1x1.25)
Dev - Ref, Dynamic Range



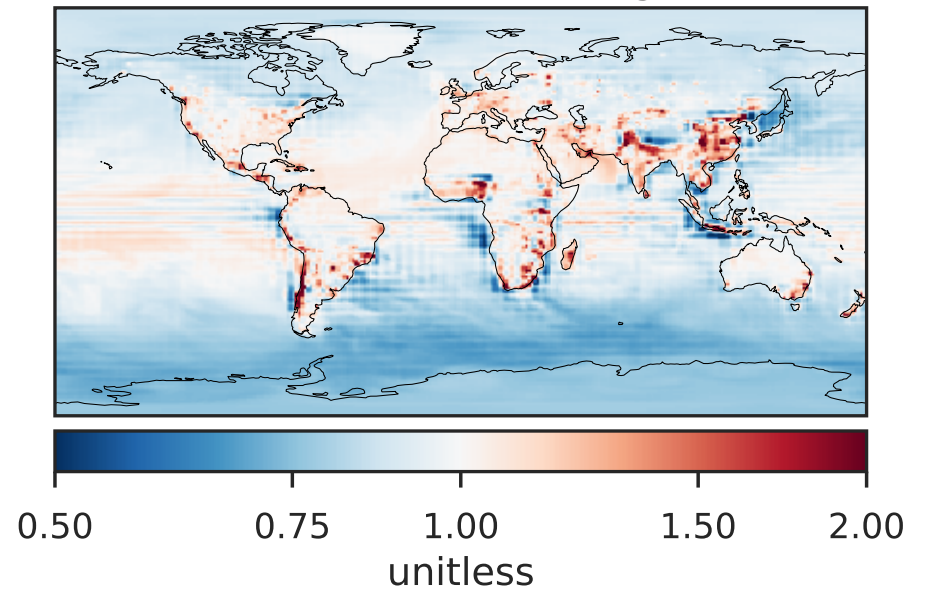
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

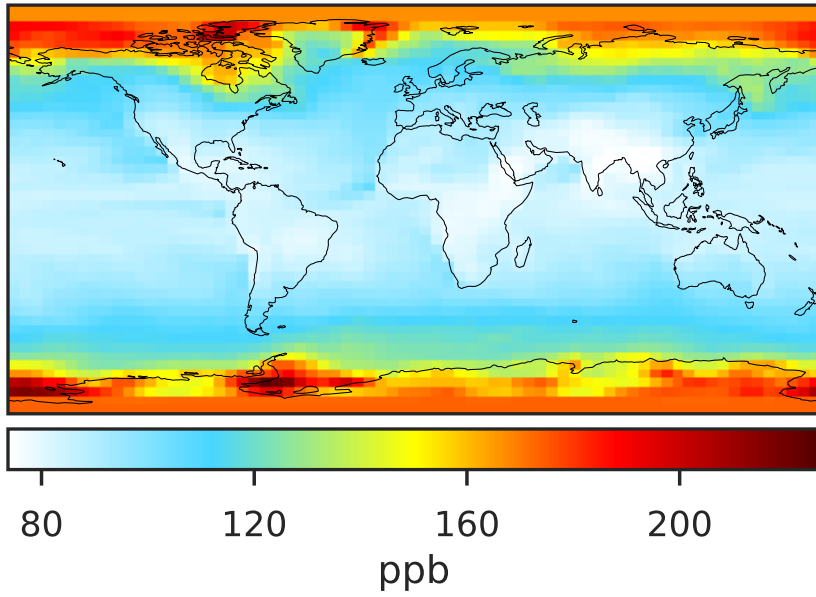


Ratio (1x1.25)
Dev/Ref, Fixed Range

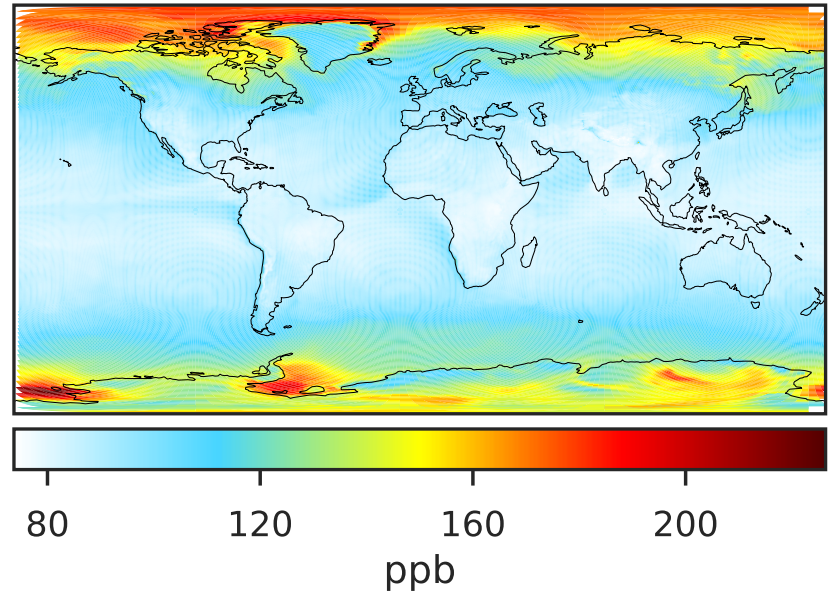


SpeciesConcVV_e90 (Apr2019)

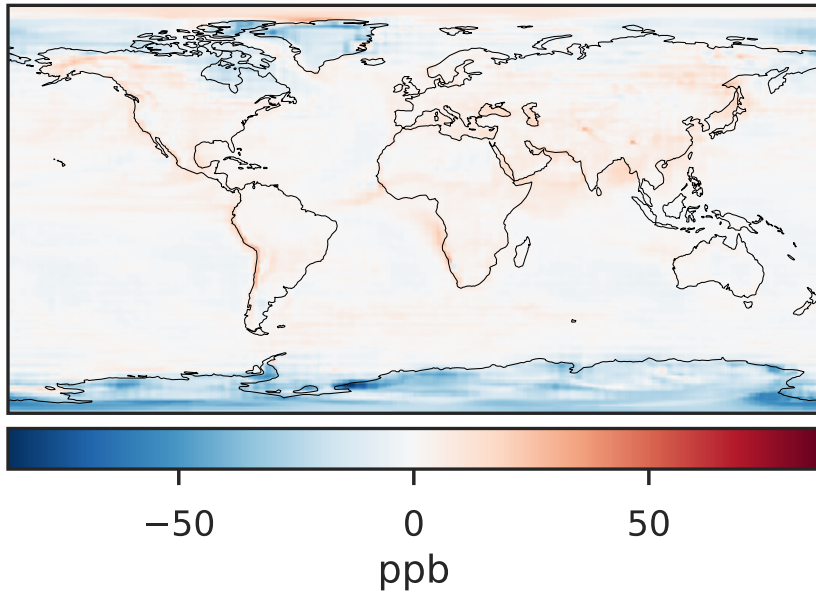
GCC 14.2.2 (Ref)
4.0x5.0



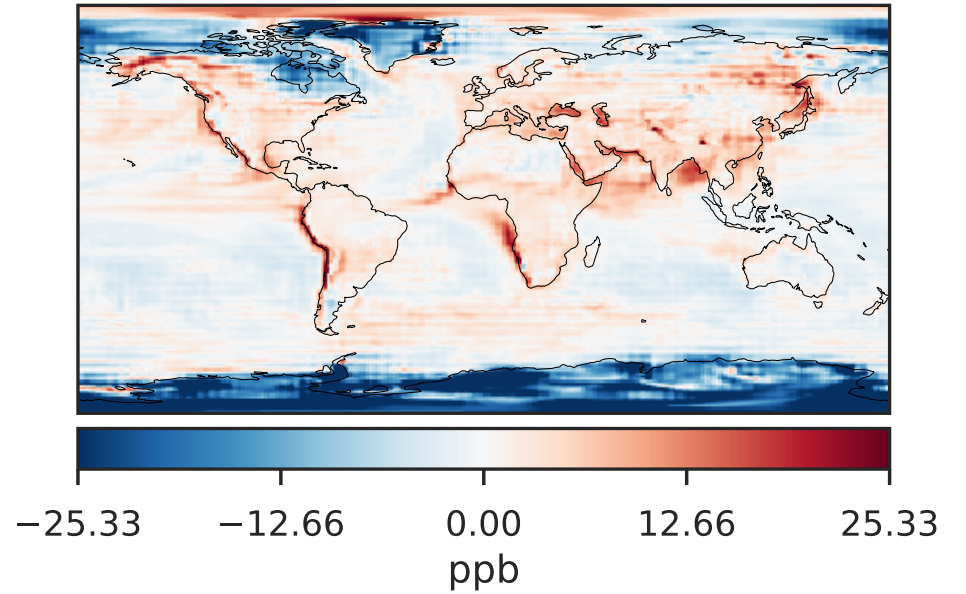
GCHP 14.2.2 using wind (Dev)
c180



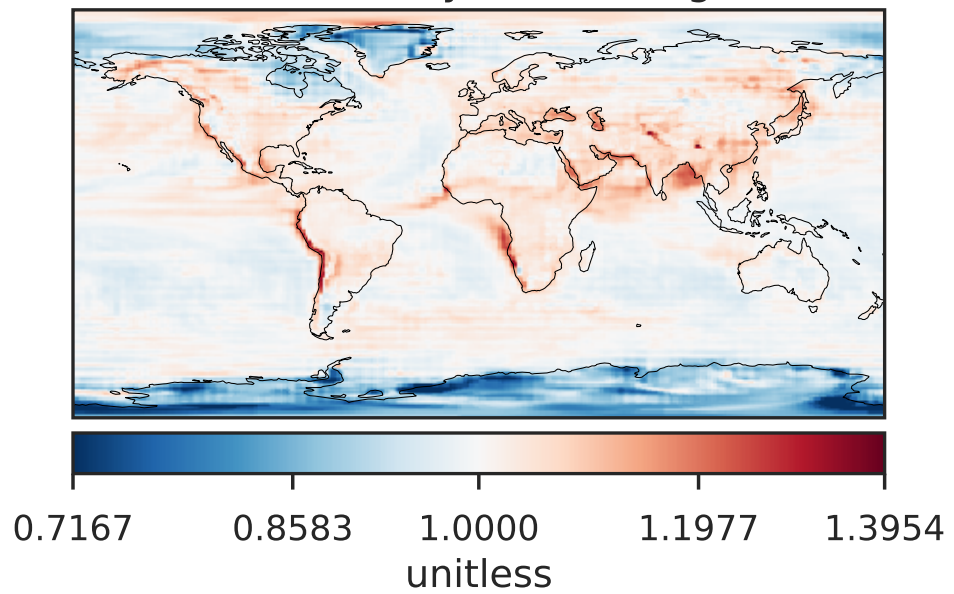
Difference (1x1.25)
Dev - Ref, Dynamic Range



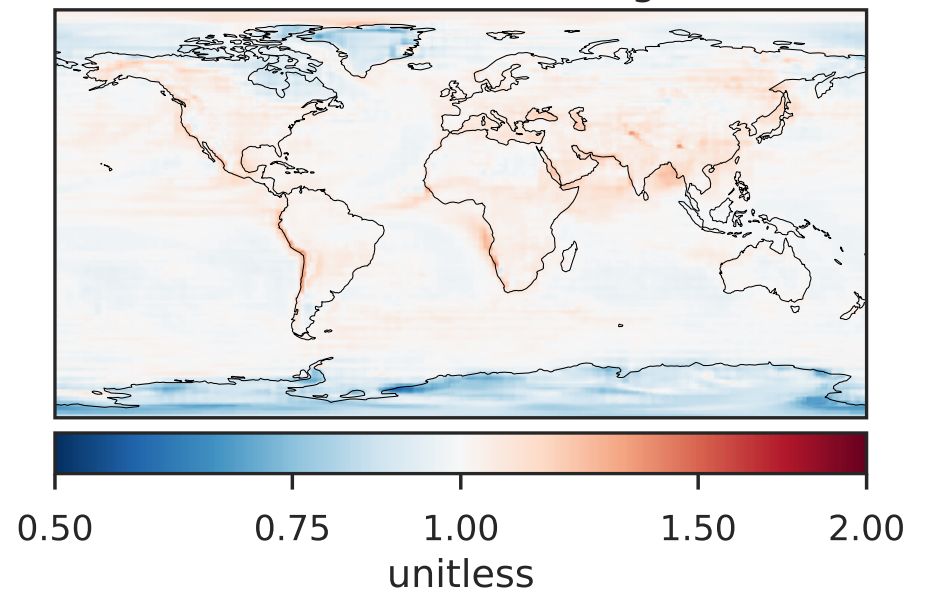
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

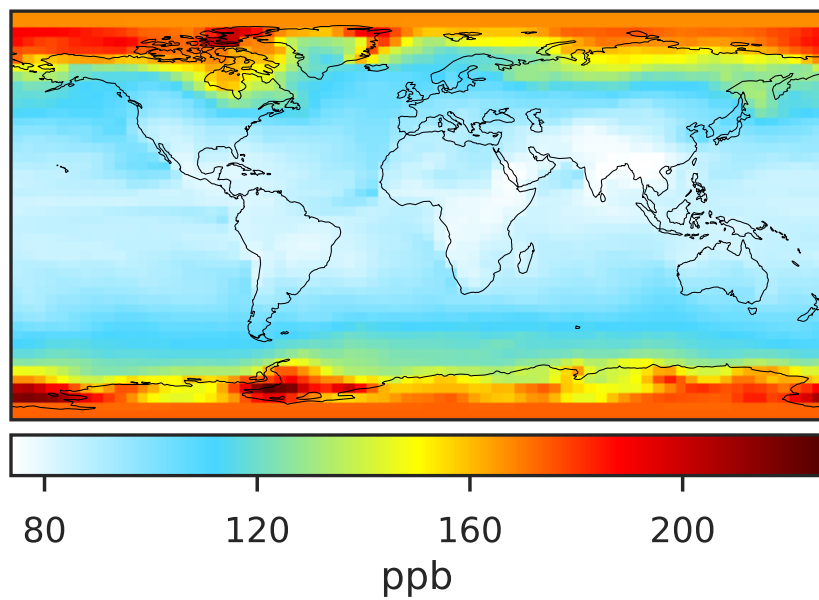


Ratio (1x1.25)
Dev/Ref, Fixed Range

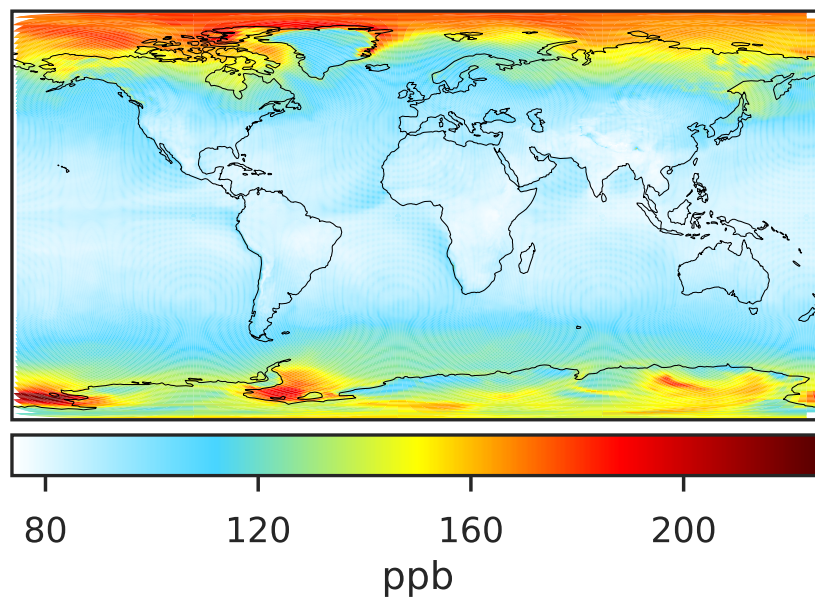


SpeciesConcVV_e90_n (Apr2019)

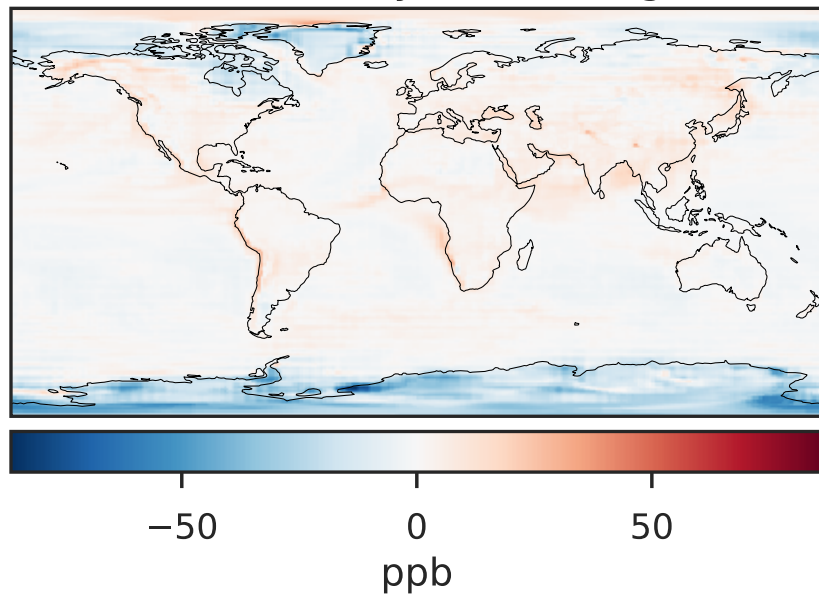
GCC 14.2.2 (Ref)
4.0x5.0



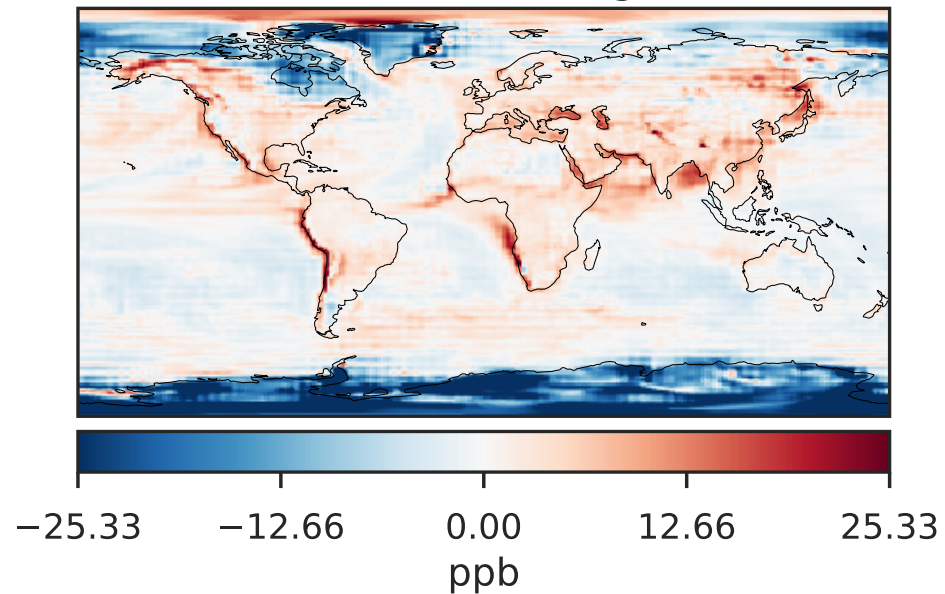
GCHP 14.2.2 using wind (Dev)
c180



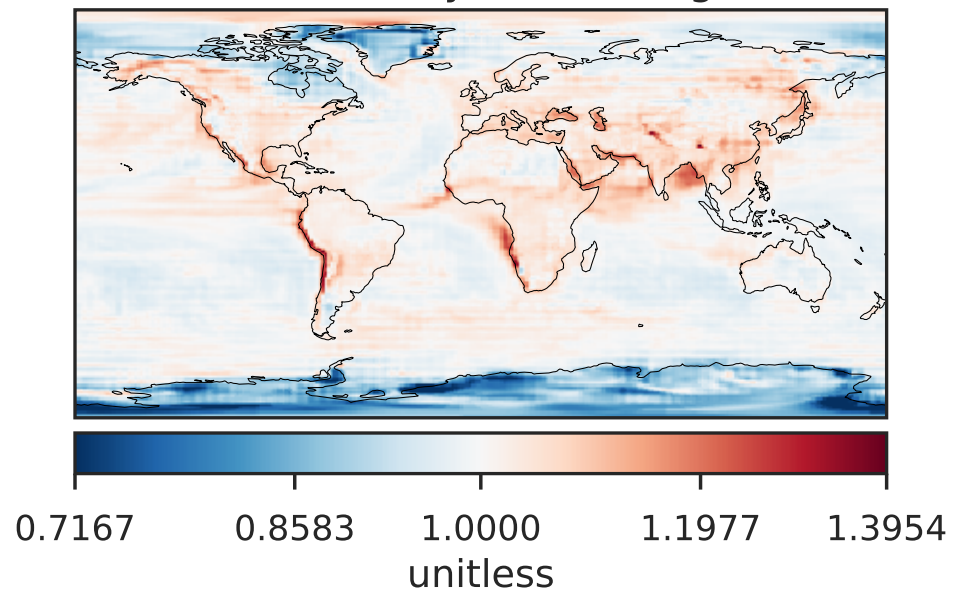
Difference (1x1.25)
Dev - Ref, Dynamic Range



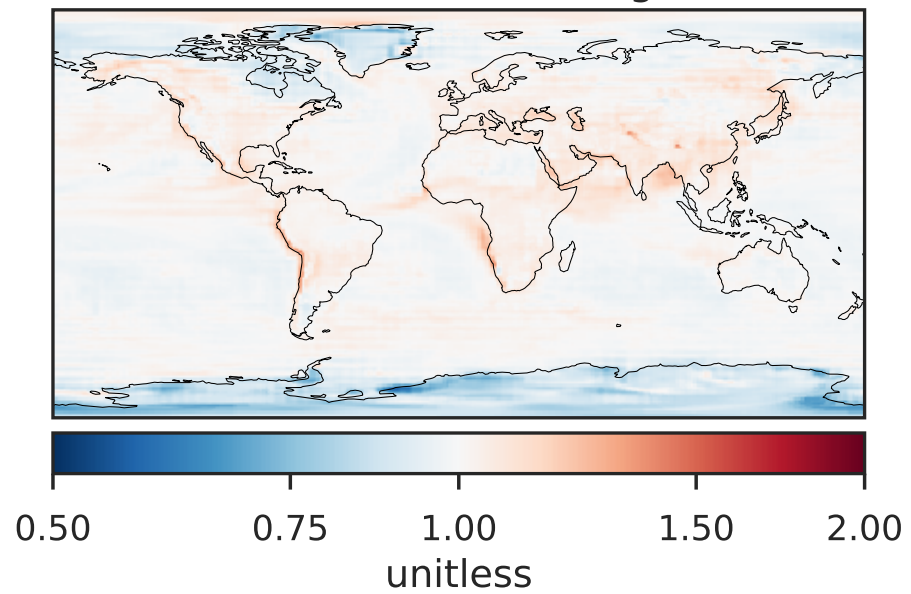
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

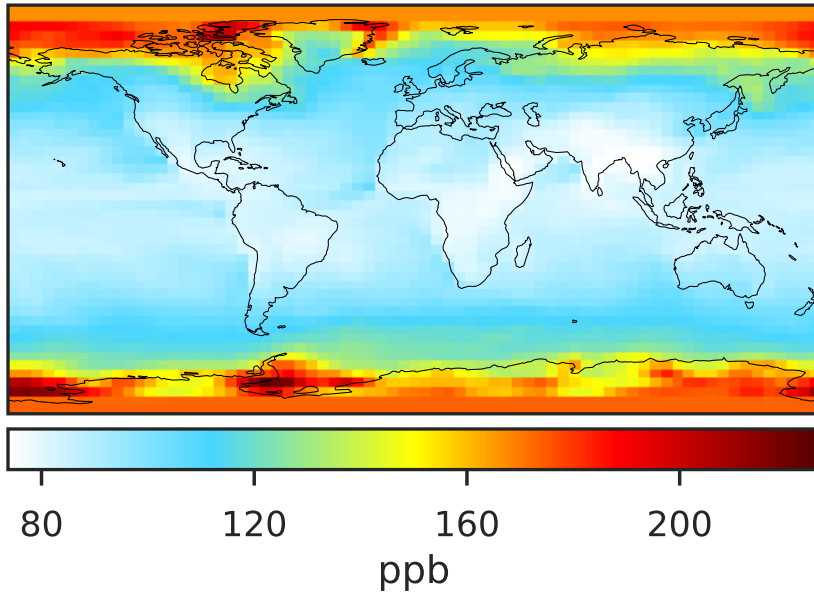


Ratio (1x1.25)
Dev/Ref, Fixed Range

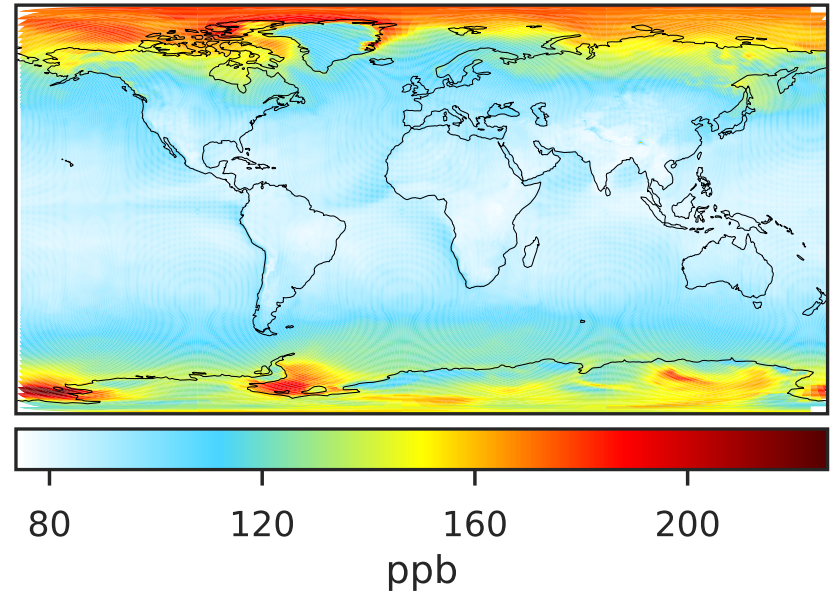


SpeciesConcVV_e90_s (Apr2019)

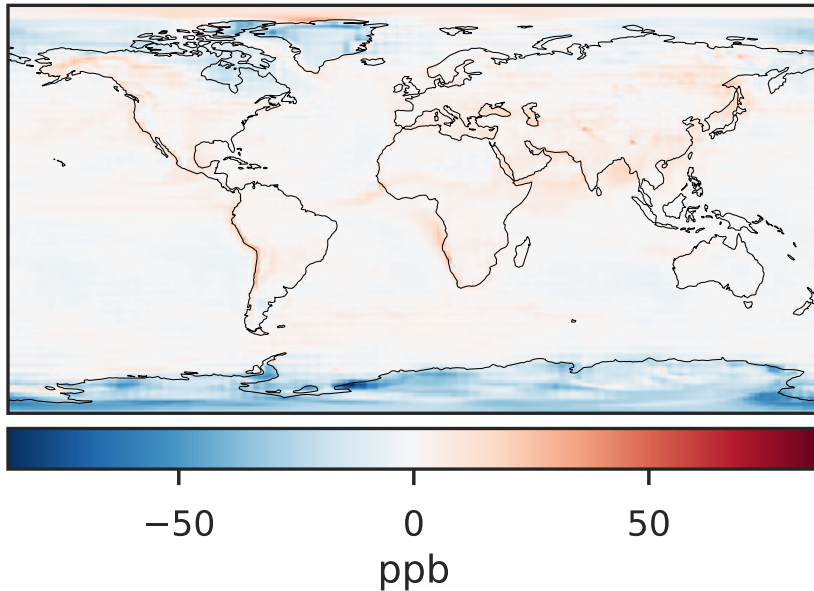
GCC 14.2.2 (Ref)
4.0x5.0



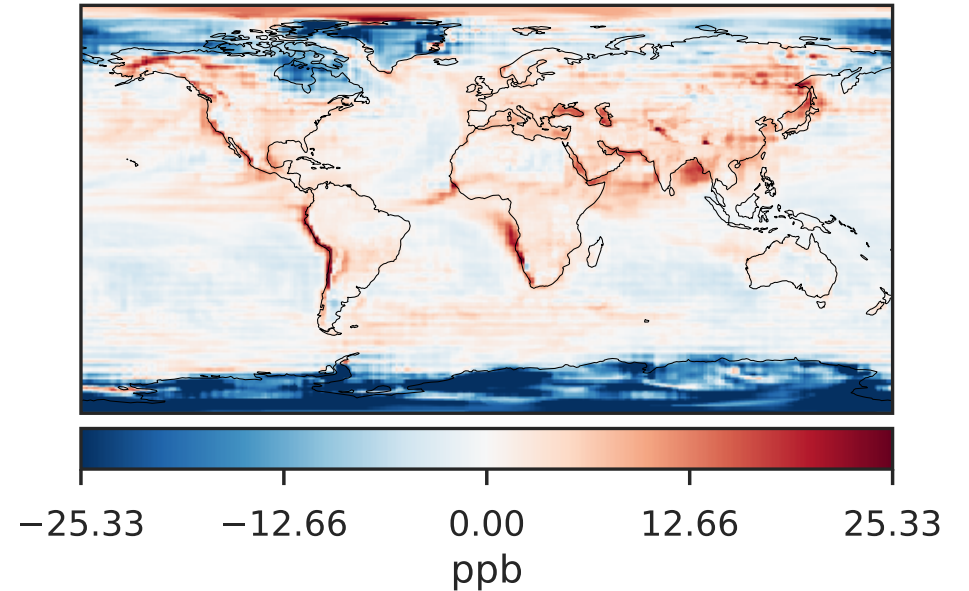
GCHP 14.2.2 using wind (Dev)
c180



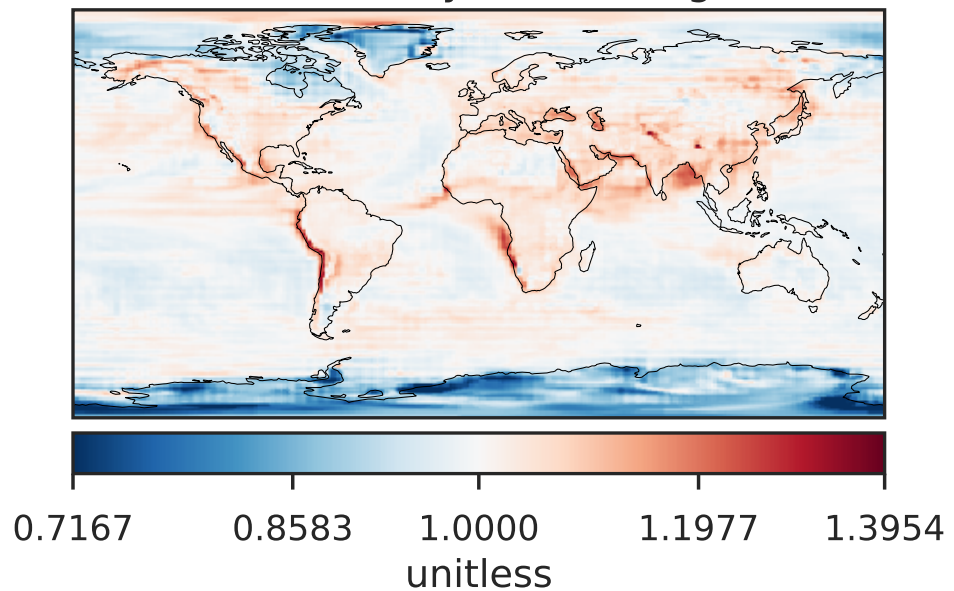
Difference (1x1.25)
Dev - Ref, Dynamic Range



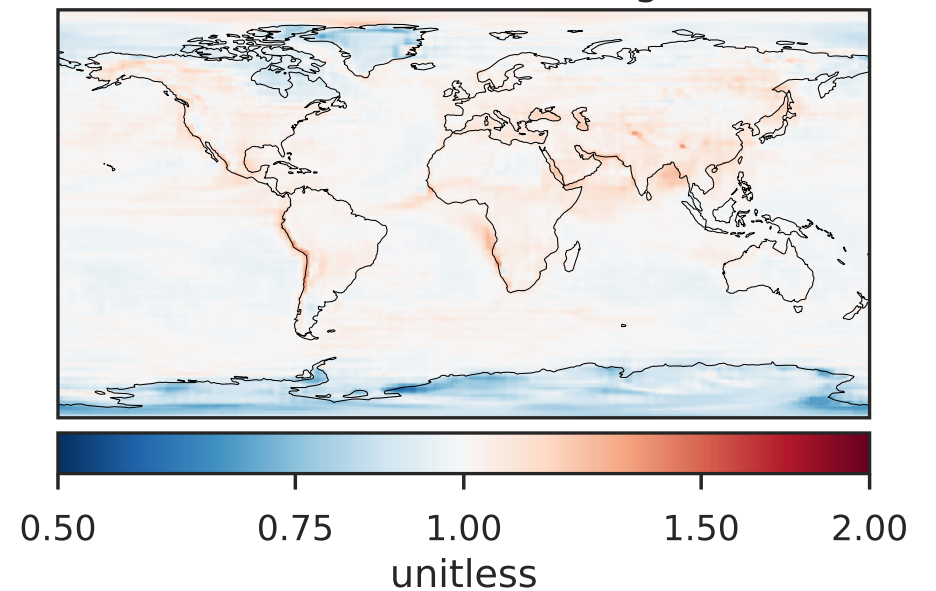
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

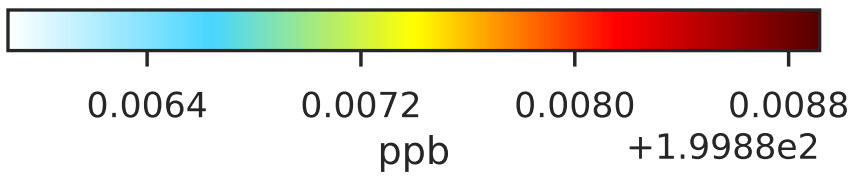
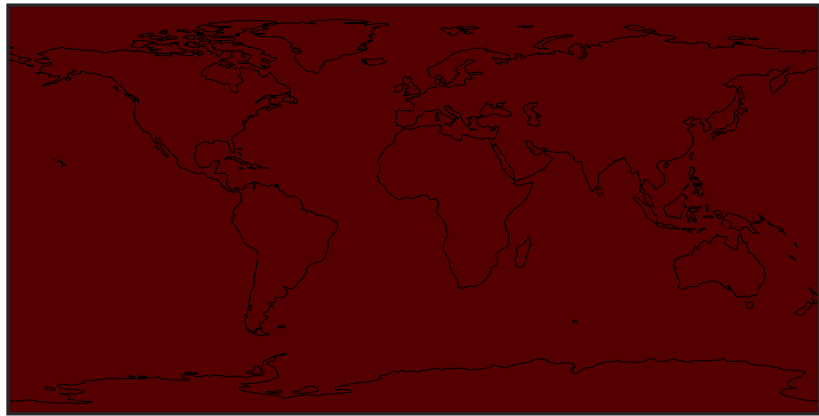


Ratio (1x1.25)
Dev/Ref, Fixed Range

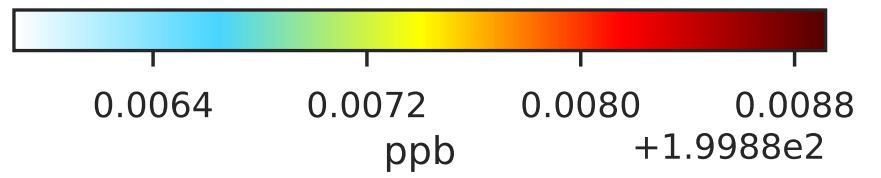
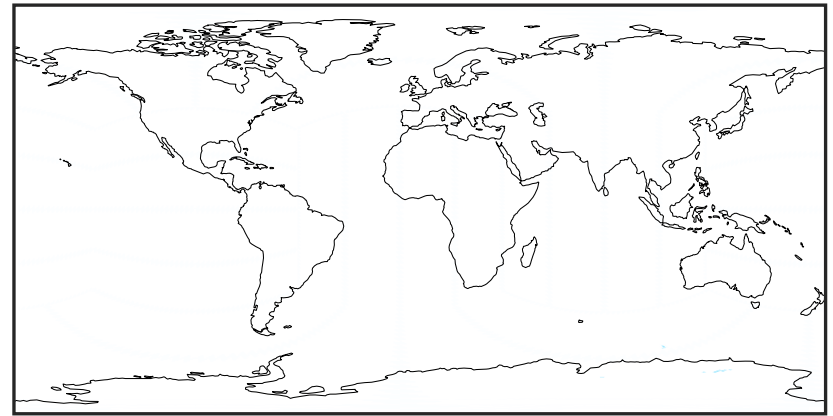


SpeciesConcVV_st80_25 (Apr2019)

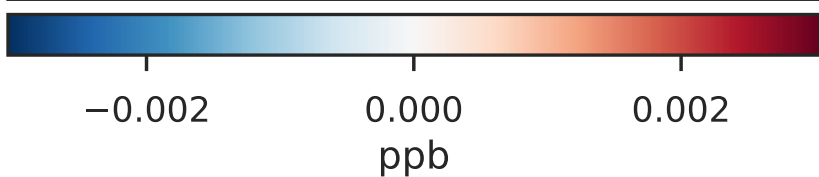
GCC 14.2.2 (Ref)
4.0x5.0



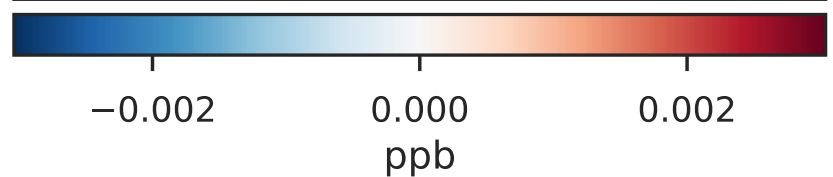
GCHP 14.2.2 using wind (Dev)
c180



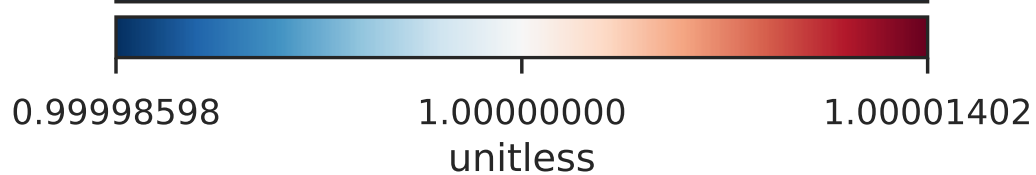
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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

