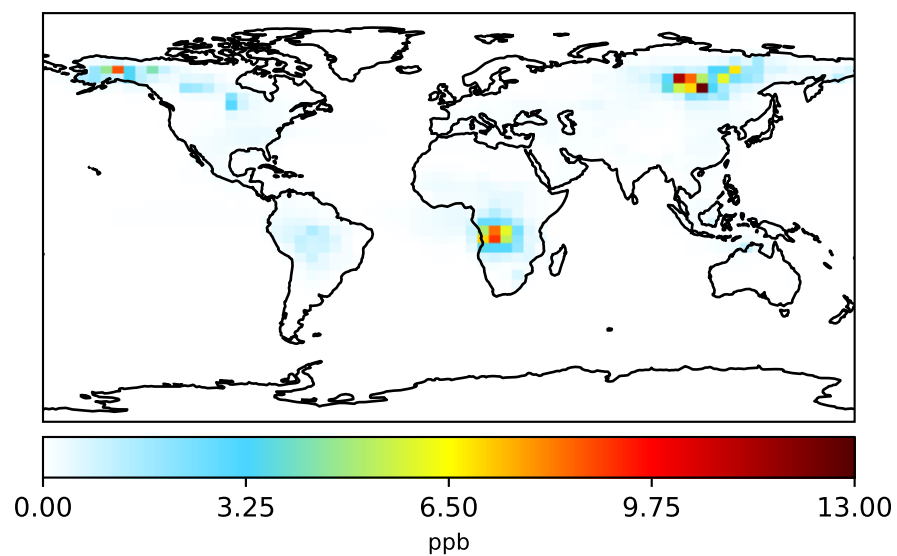
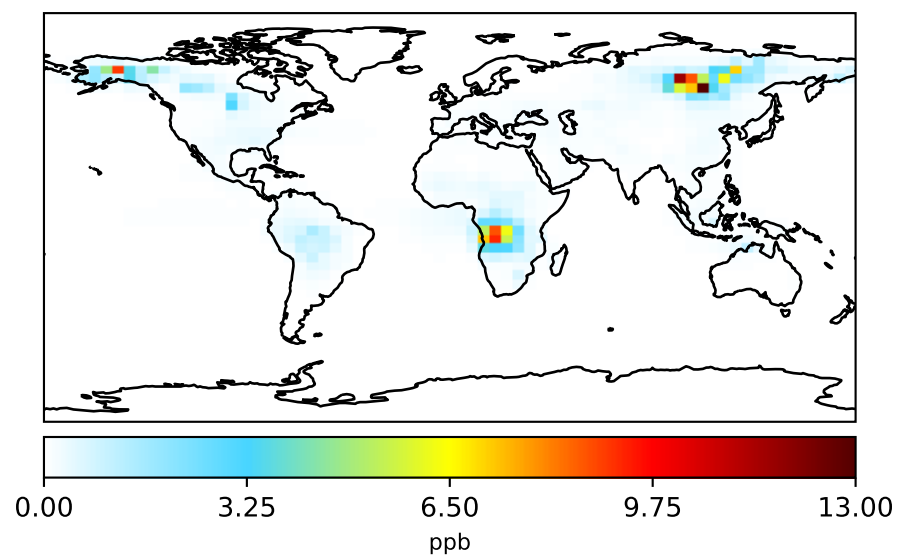


SpeciesConcVV_ACTA (Jul2019)

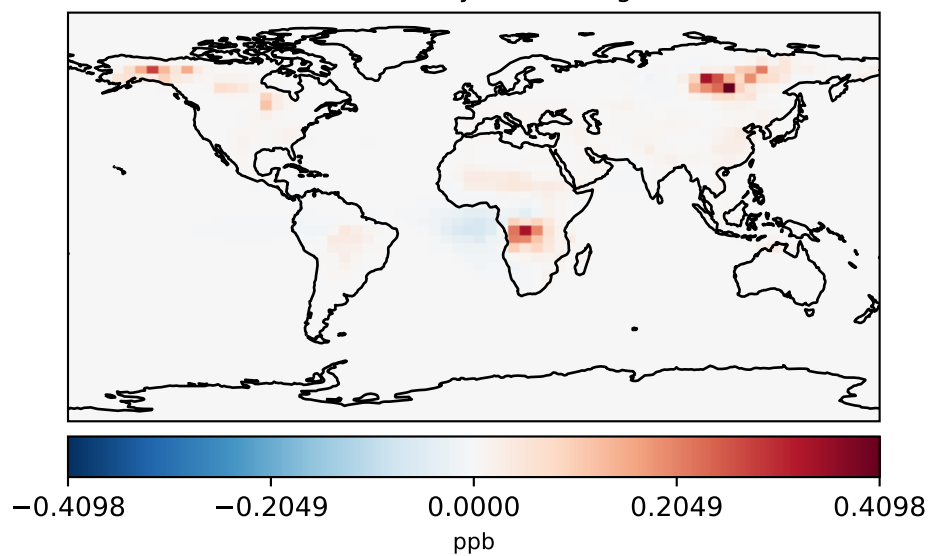
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



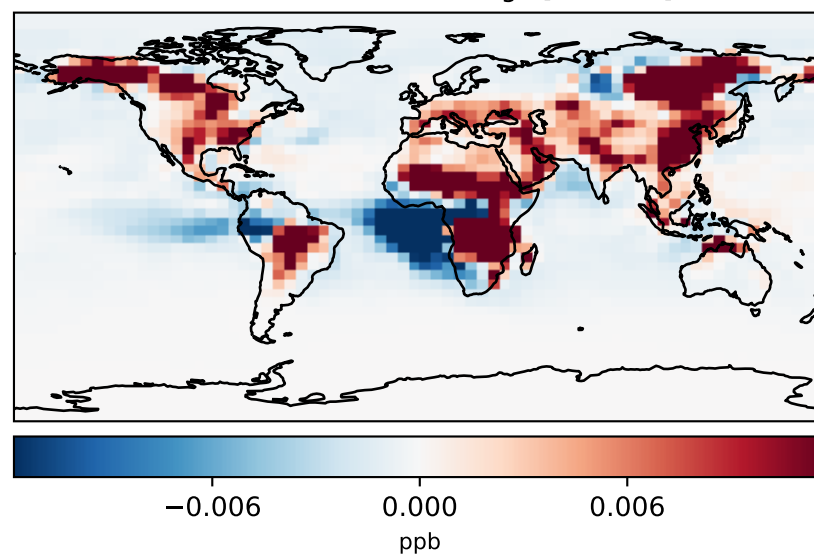
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



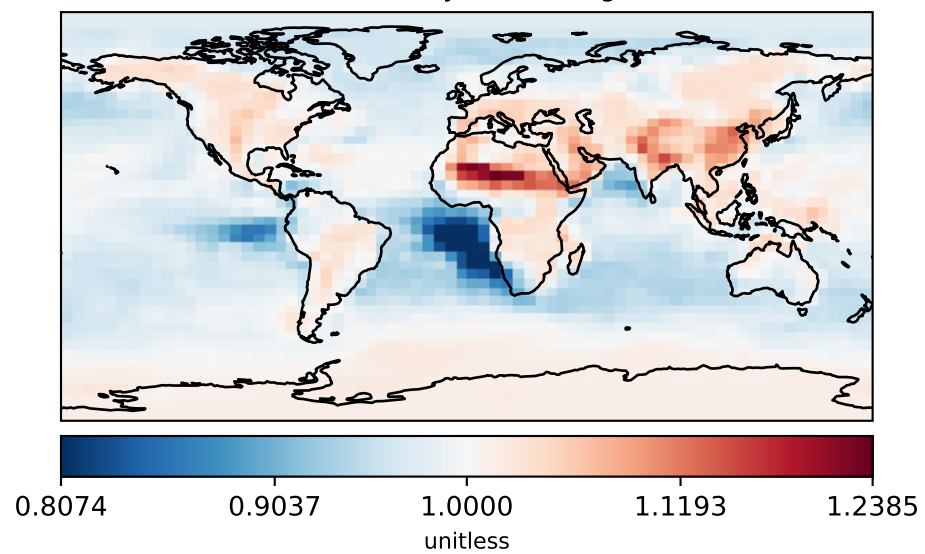
Difference
Dev - Ref, Dynamic Range



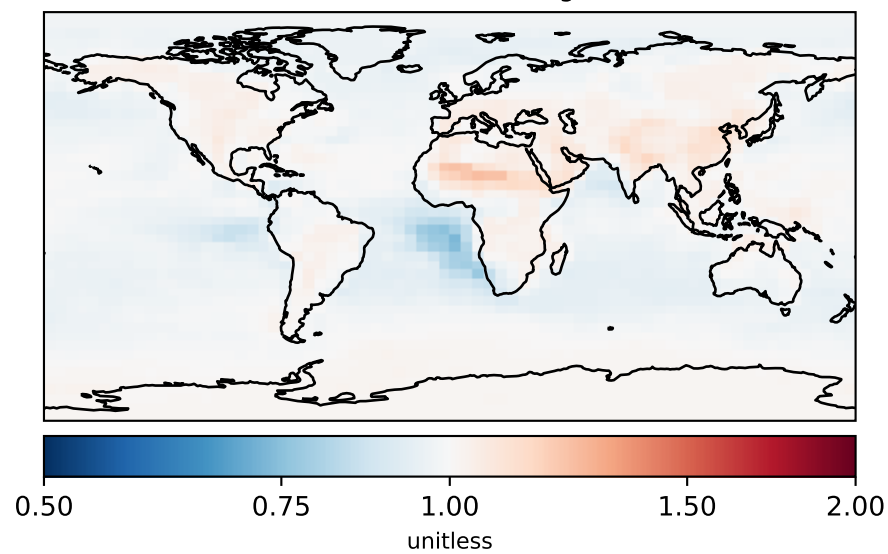
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

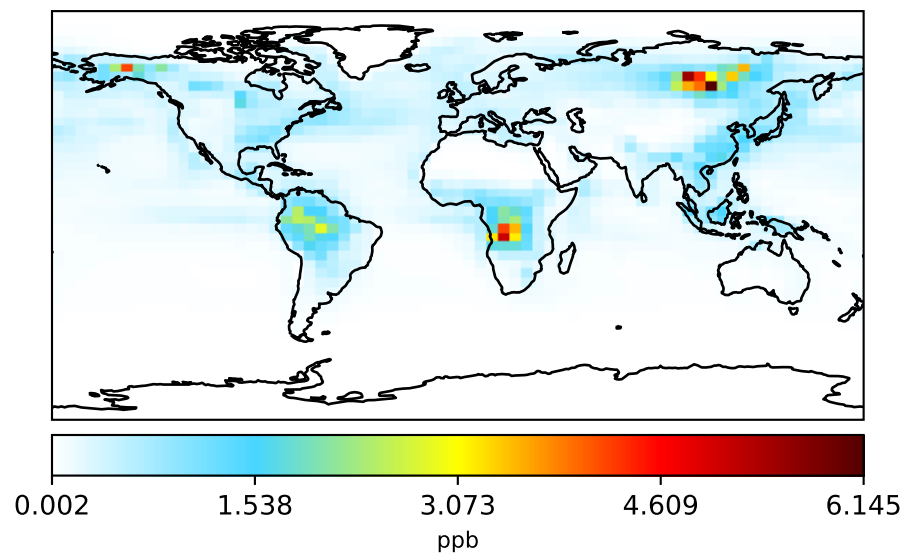


Ratio
Dev/Ref, Fixed Range

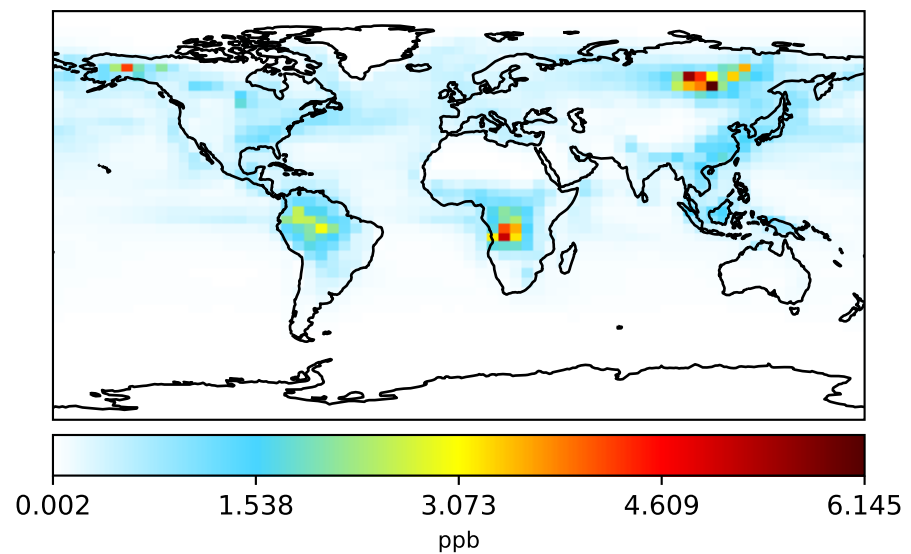


SpeciesConcVV_ALD2 (Jul2019)

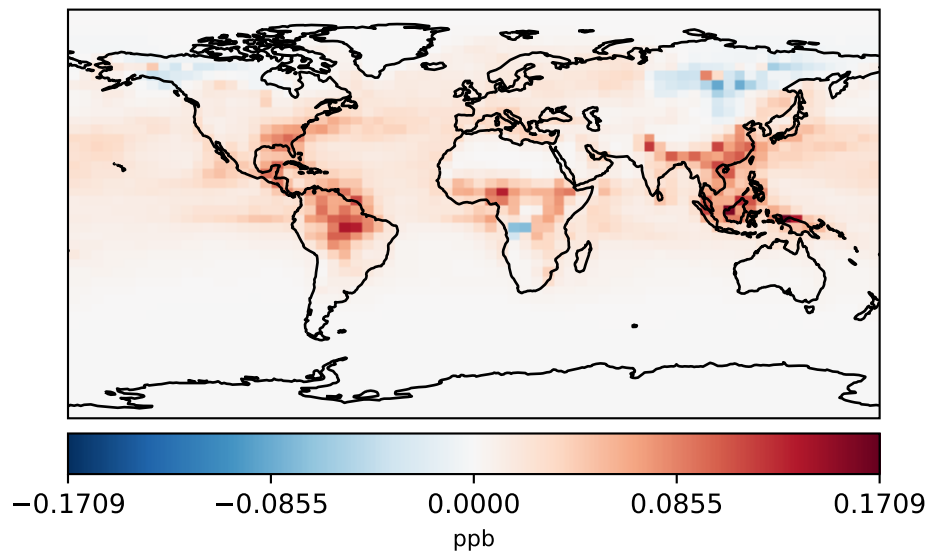
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



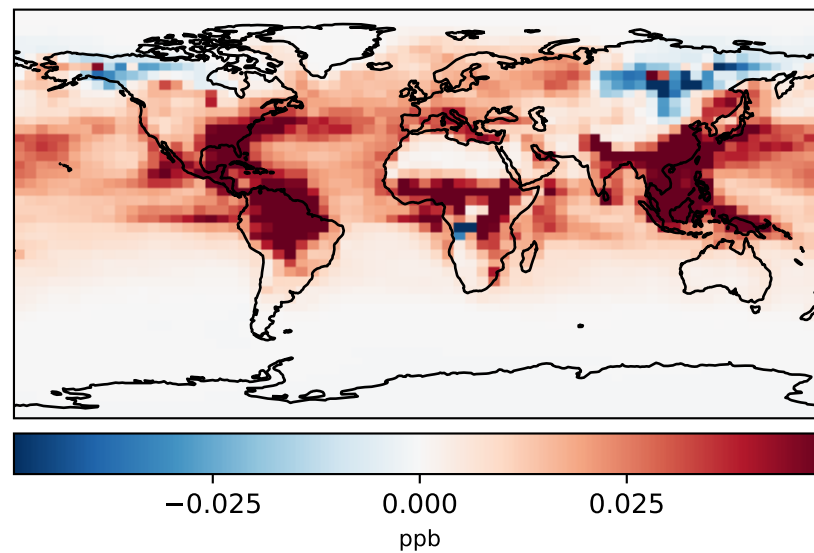
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



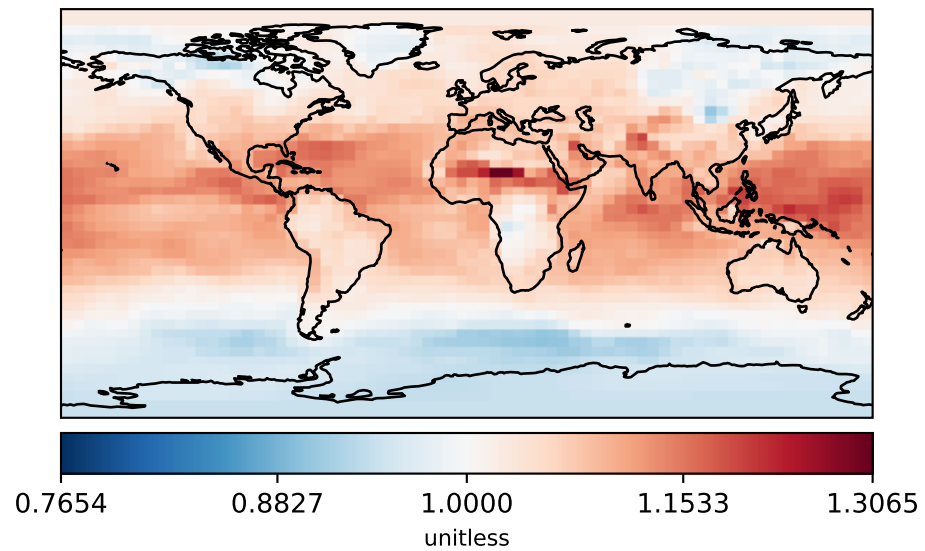
Difference
Dev - Ref, Dynamic Range



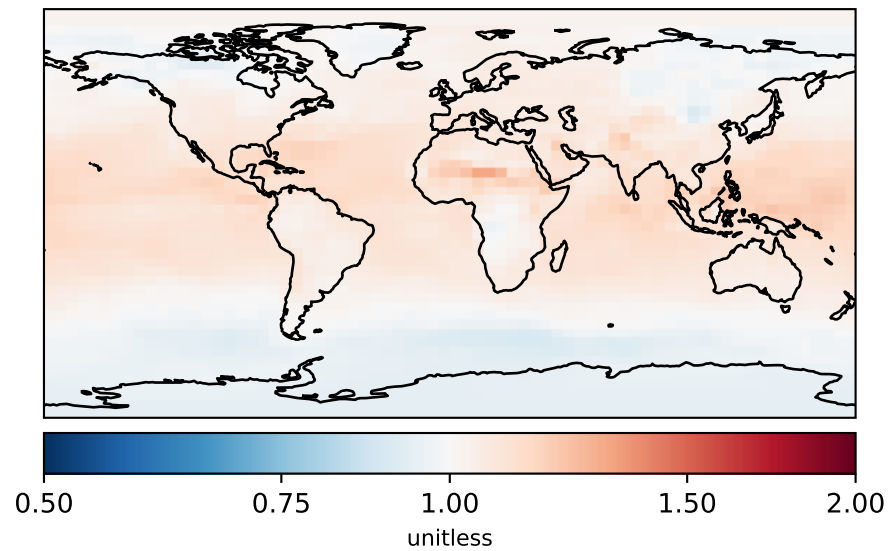
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

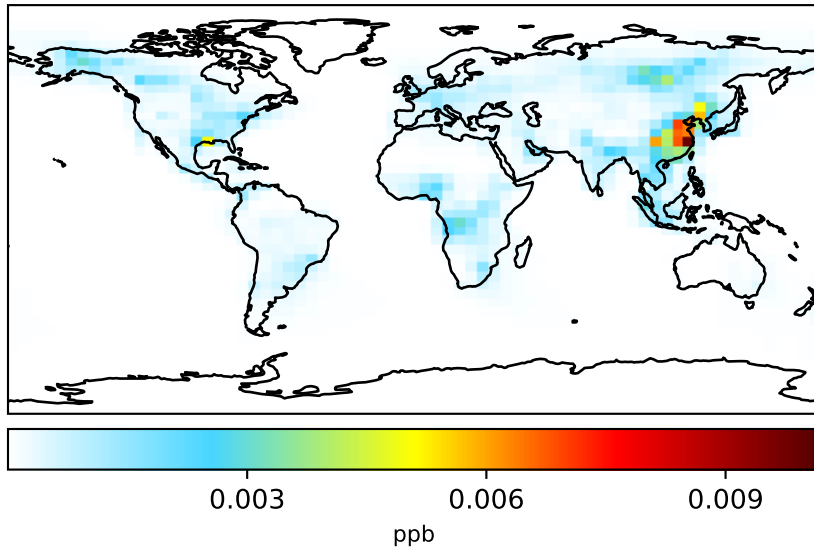


Ratio
Dev/Ref, Fixed Range

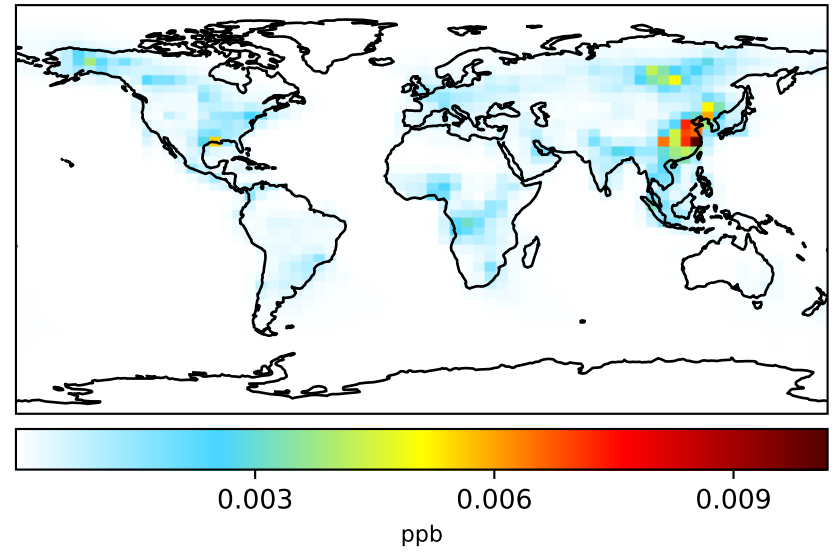


SpeciesConcVW_BALD (Jul2019)

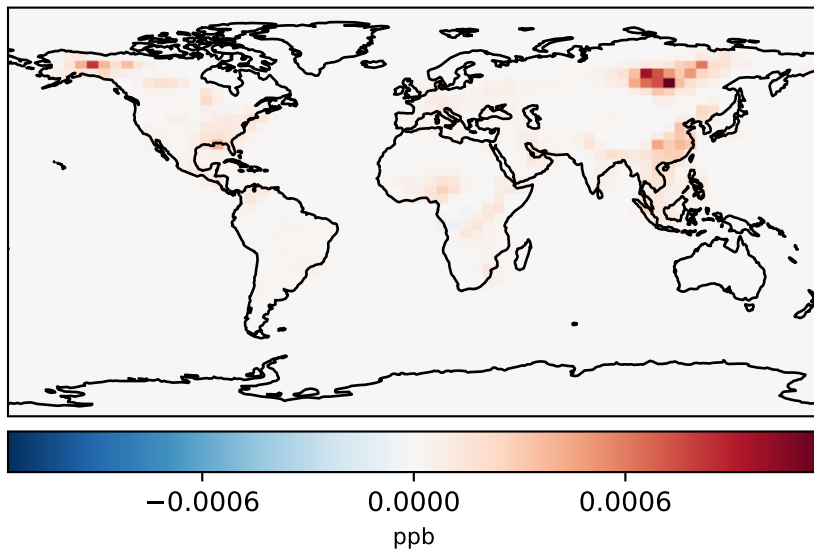
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



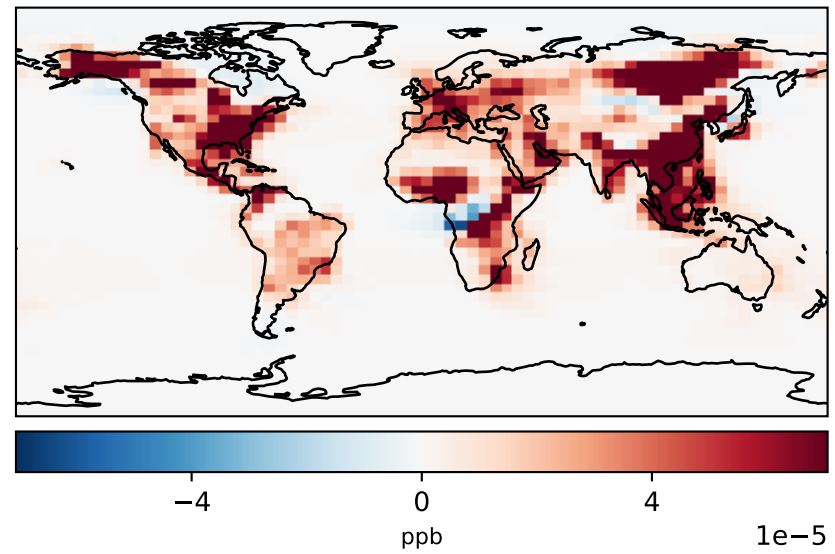
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



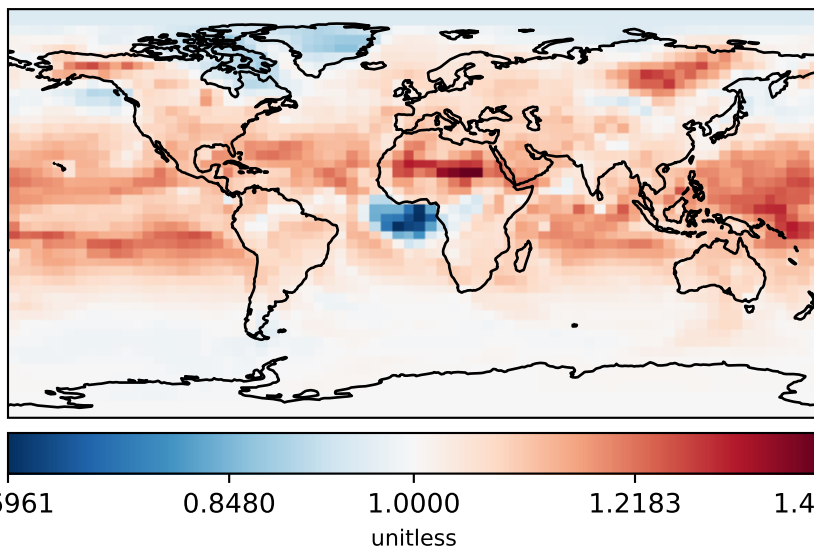
Difference
Dev - Ref, Dynamic Range



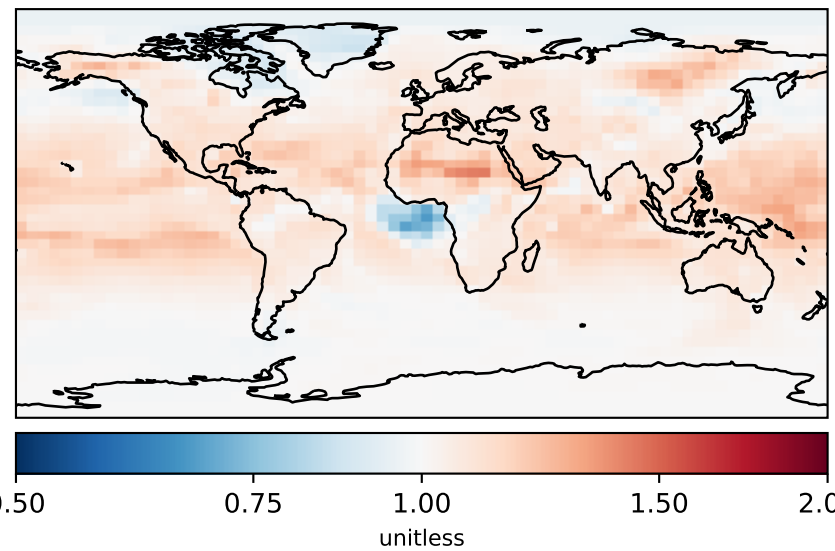
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

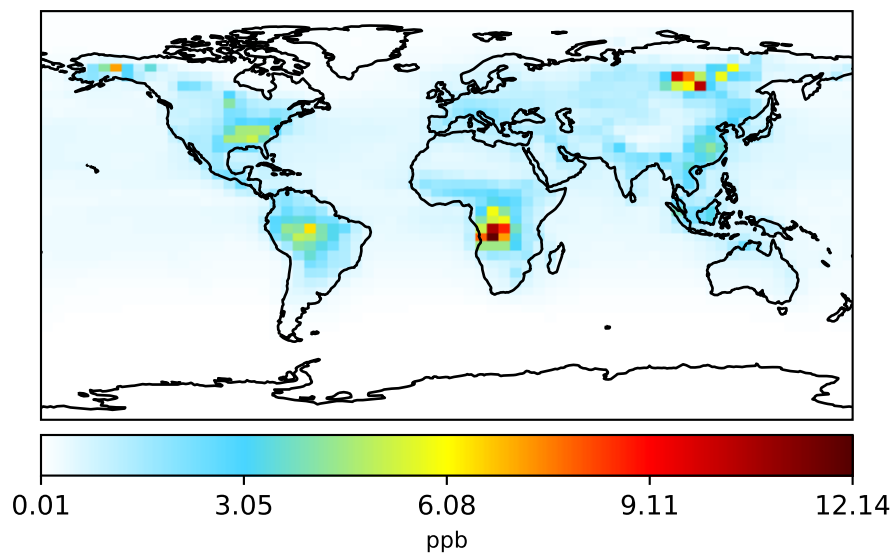


0.6961 0.8480 1.0000 1.2183 1.4366
unitless

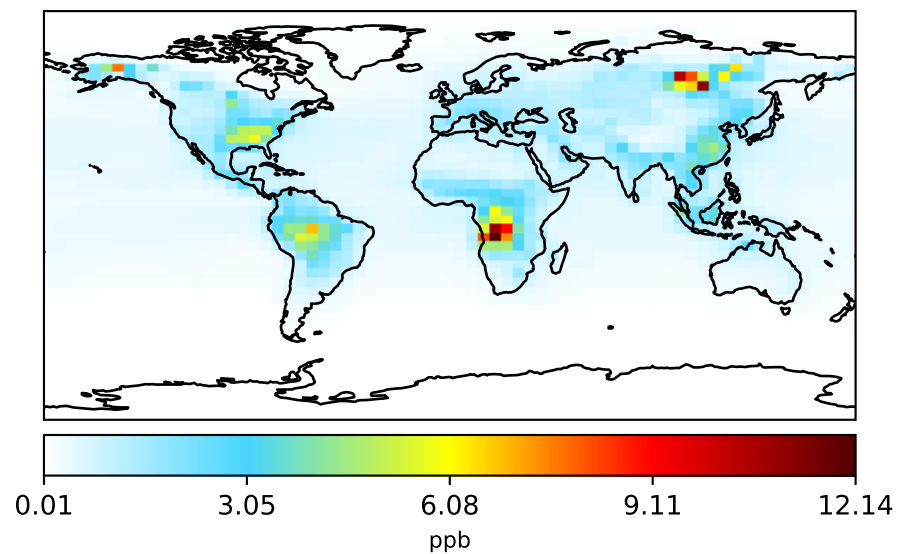
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_CH2O (Jul2019)

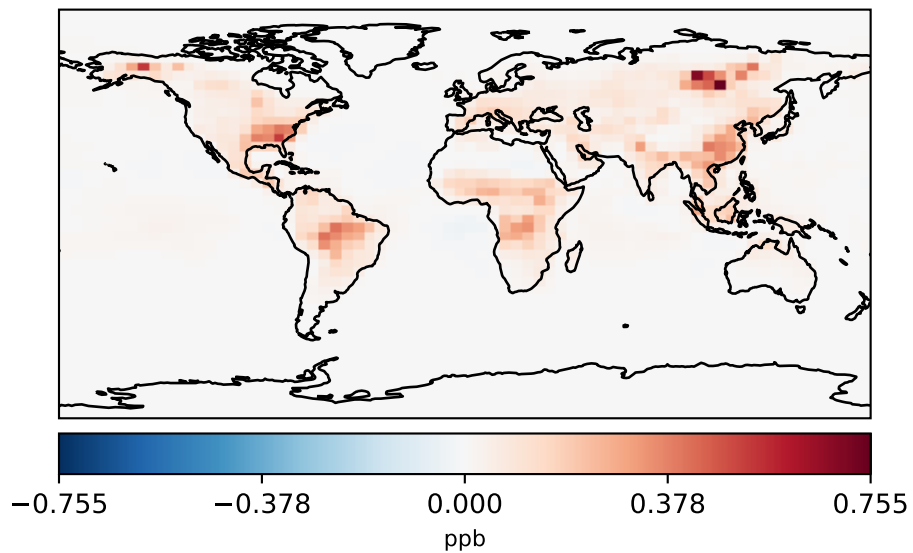
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



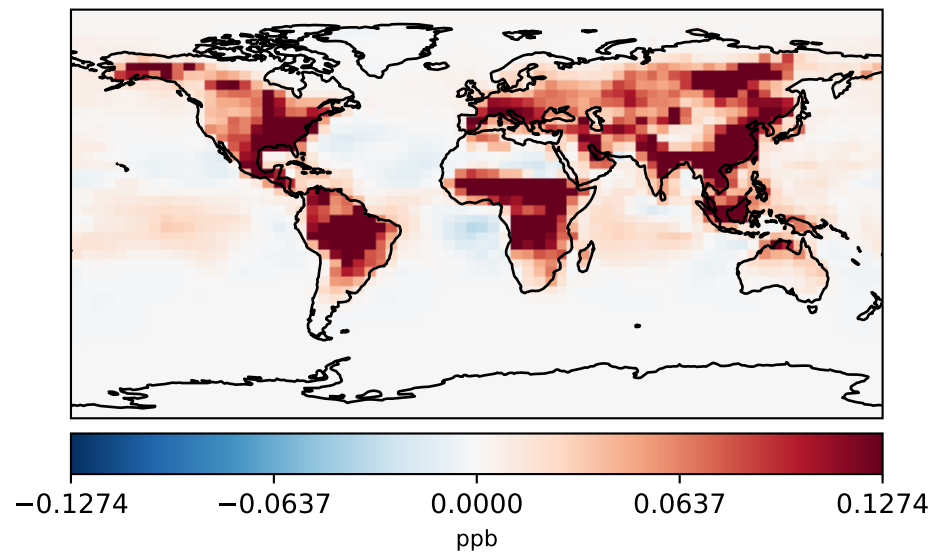
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



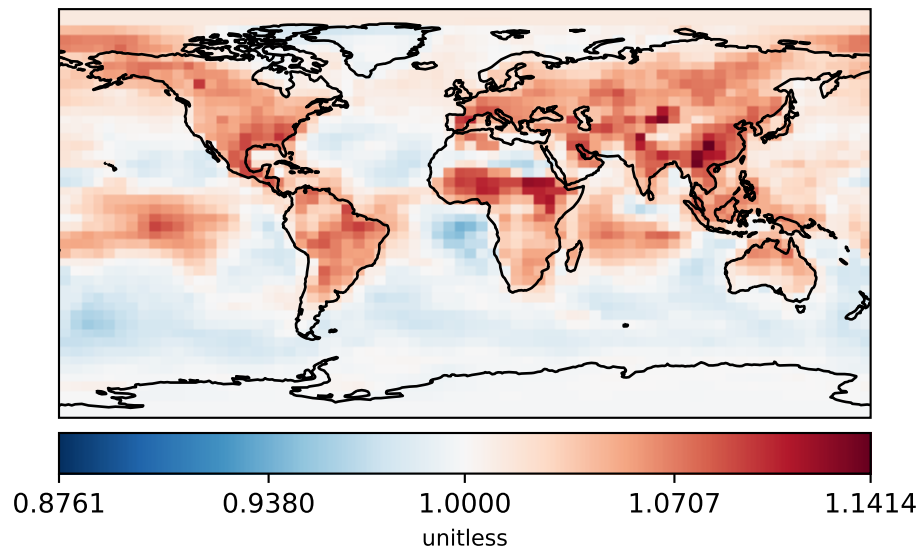
Difference
Dev - Ref, Dynamic Range



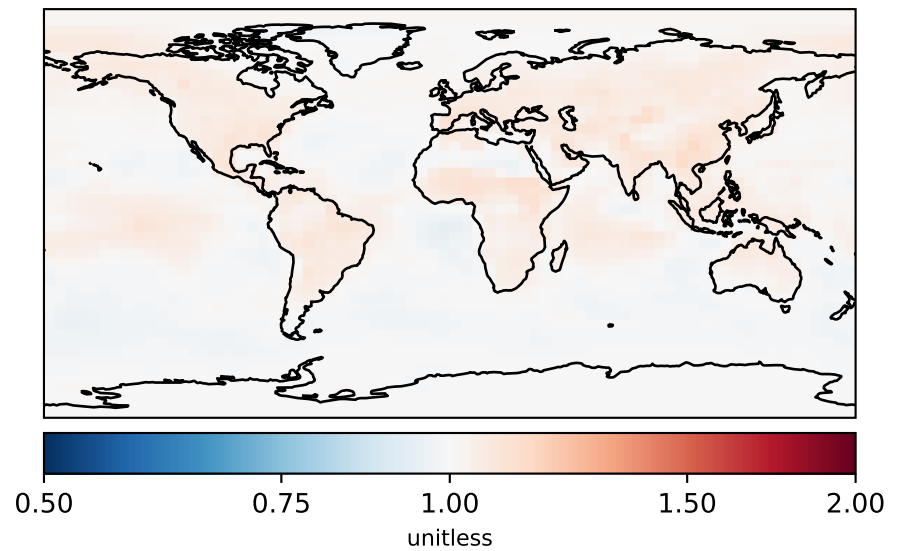
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

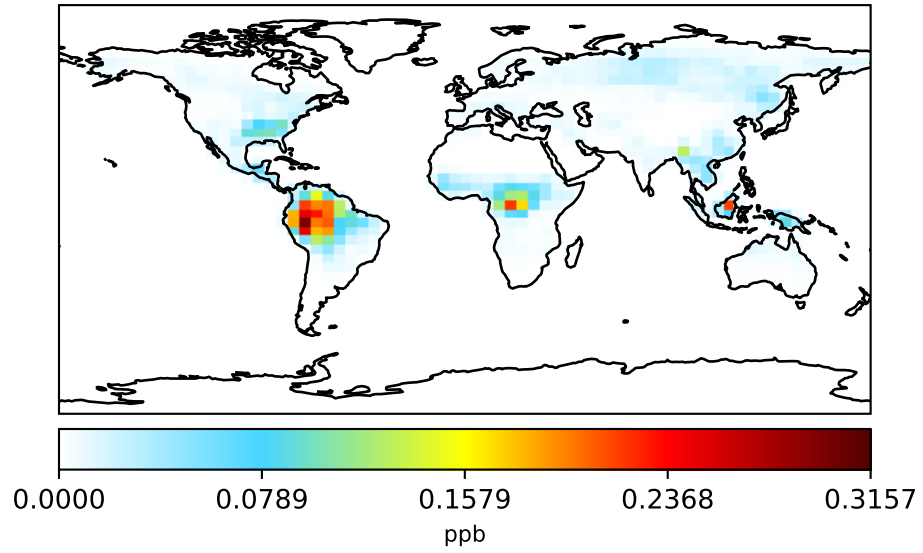


Ratio
Dev/Ref, Fixed Range

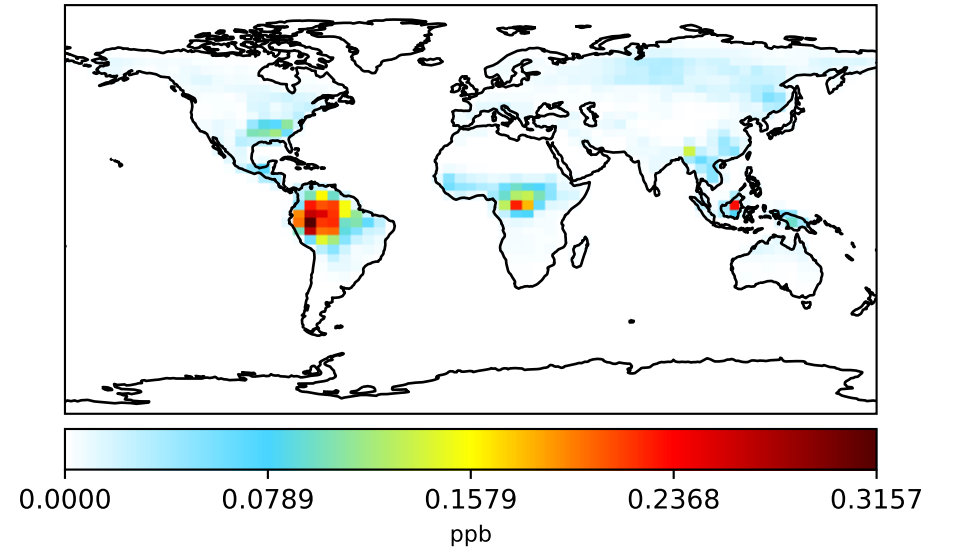


SpeciesConcVV_HPALDs (Jul2019)

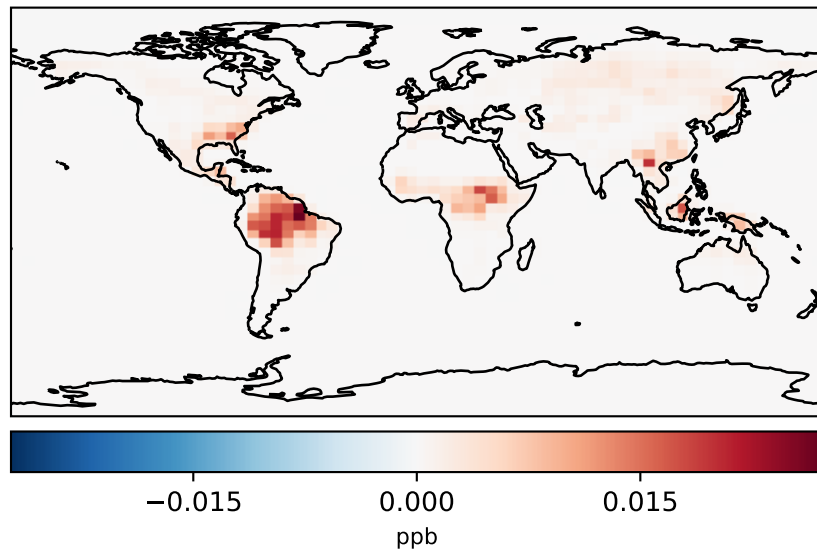
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



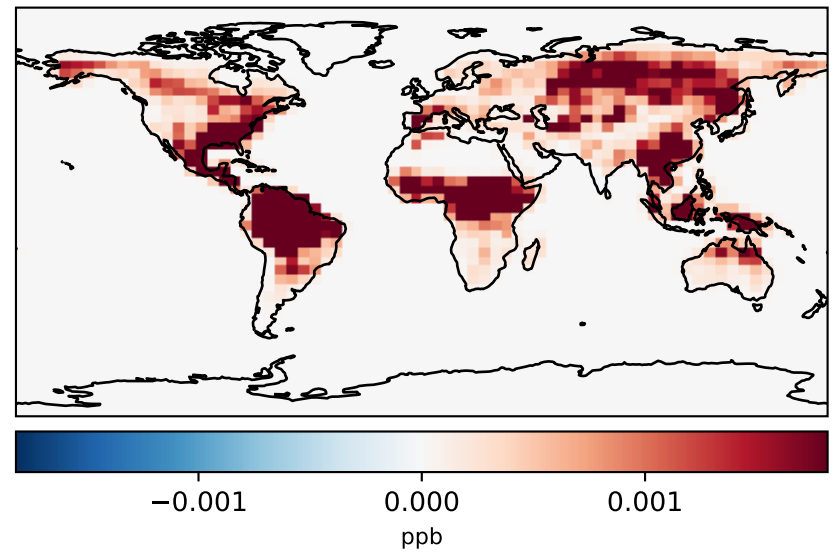
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



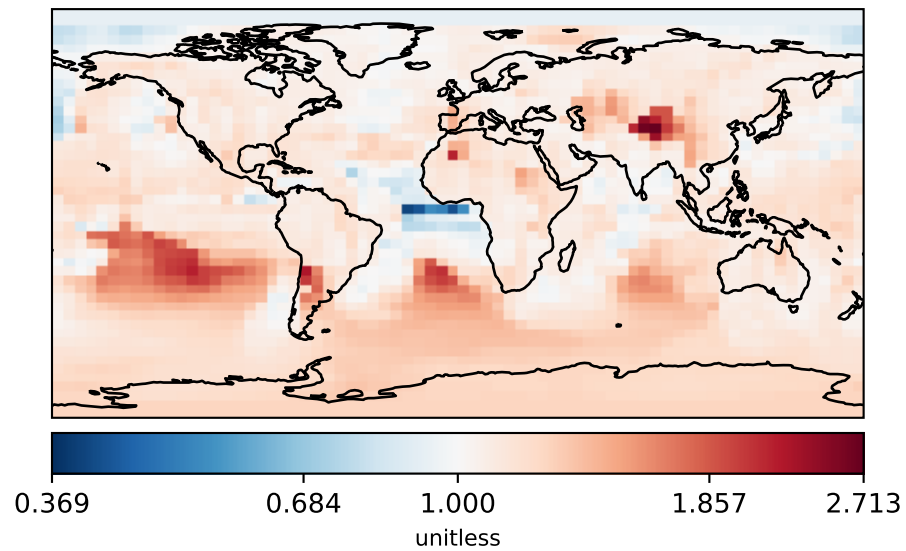
Difference
Dev - Ref, Dynamic Range



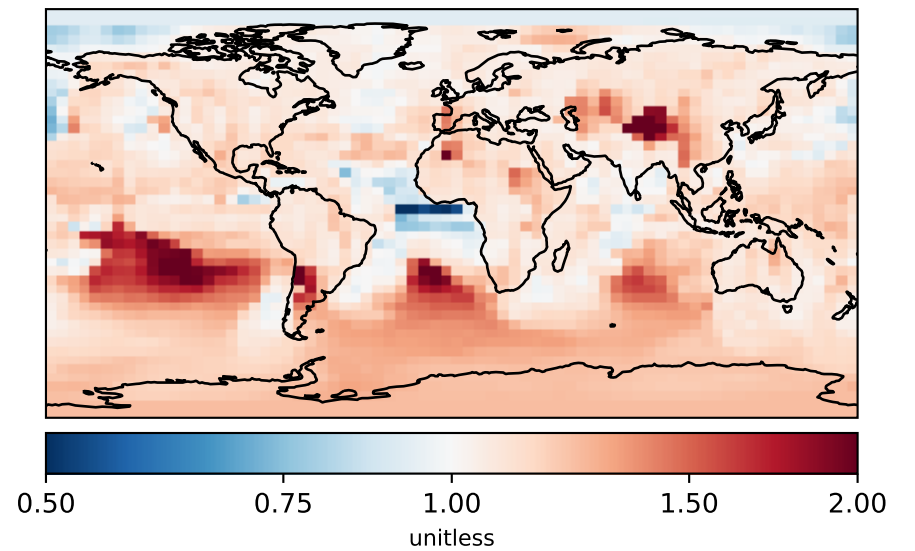
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

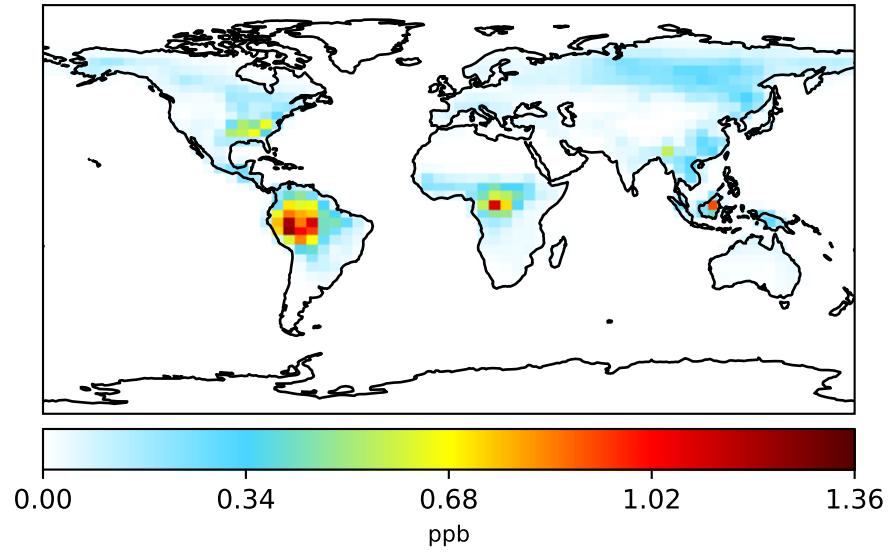


Ratio
Dev/Ref, Fixed Range

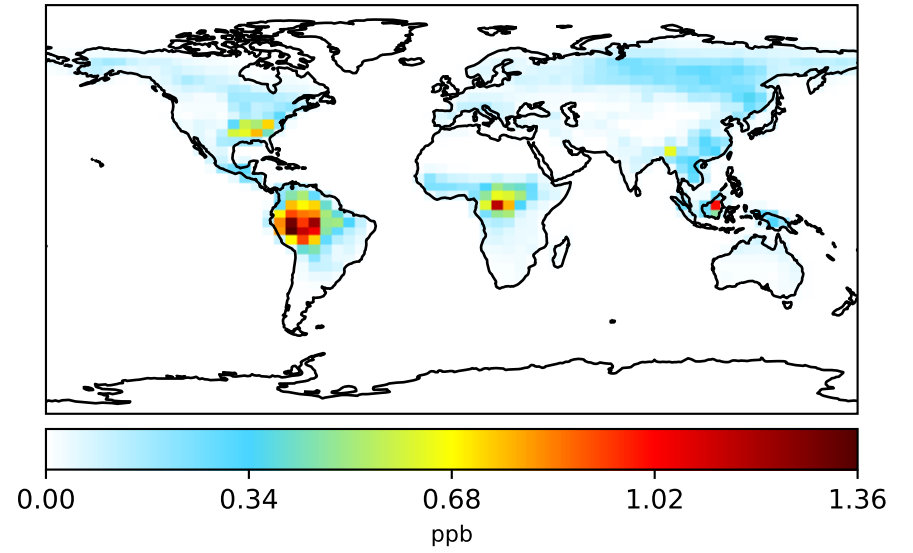


SpeciesConcVV_MACR (Jul2019)

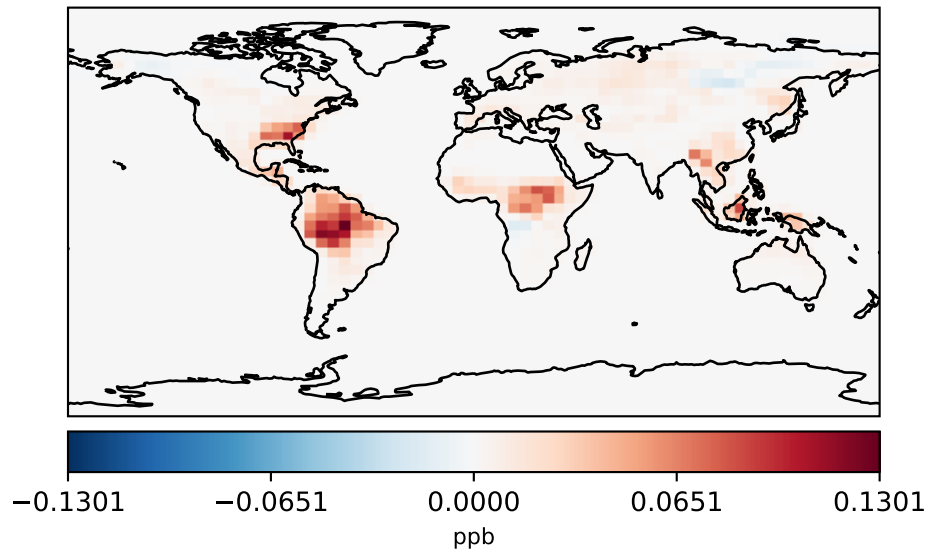
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



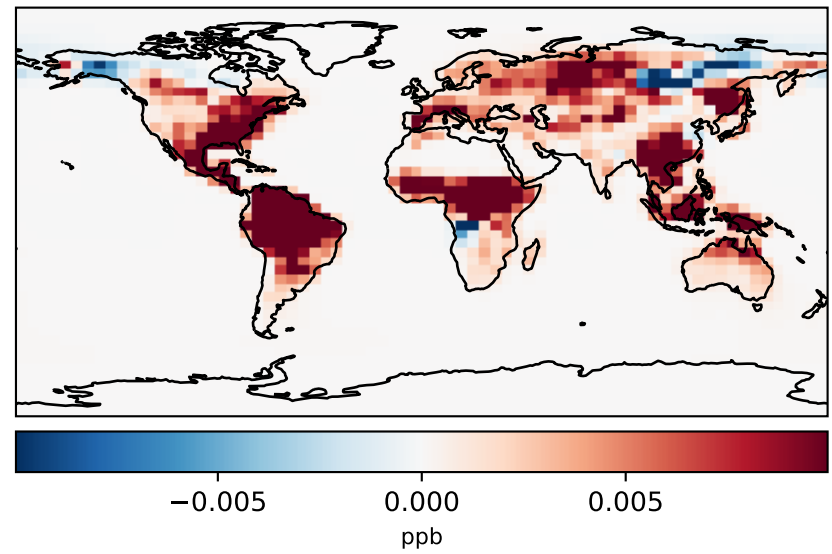
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



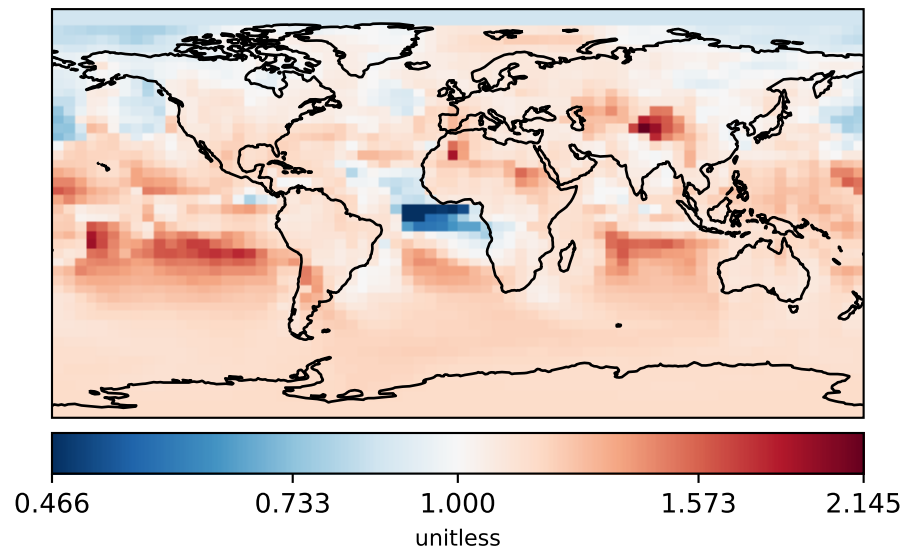
Difference
Dev - Ref, Dynamic Range



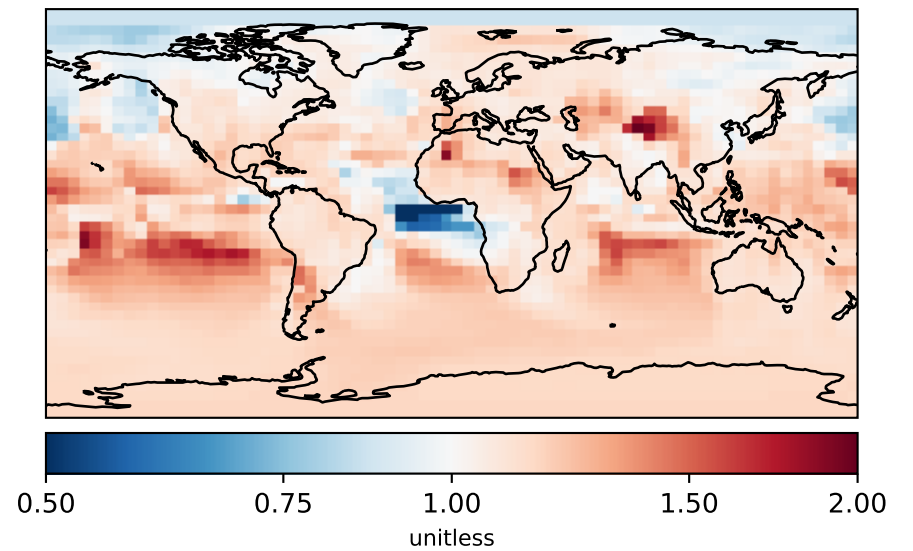
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

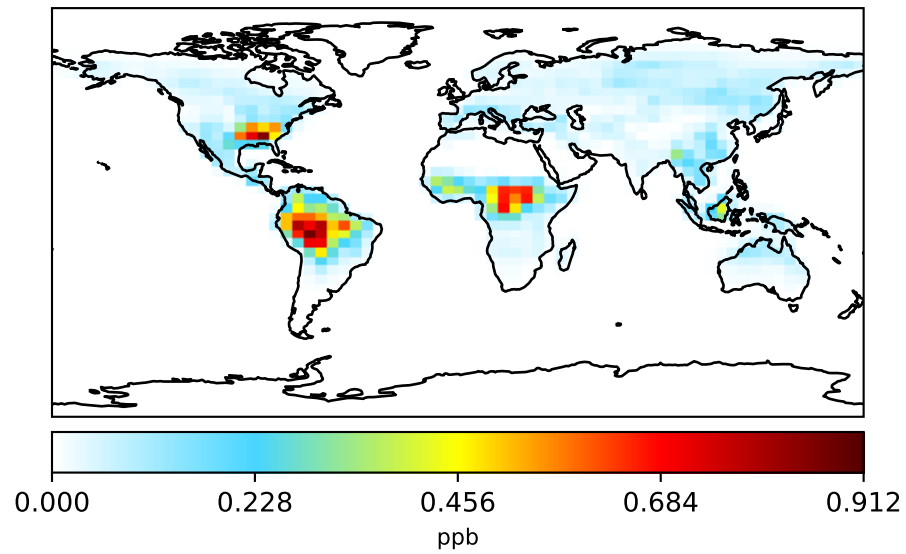


Ratio
Dev/Ref, Fixed Range

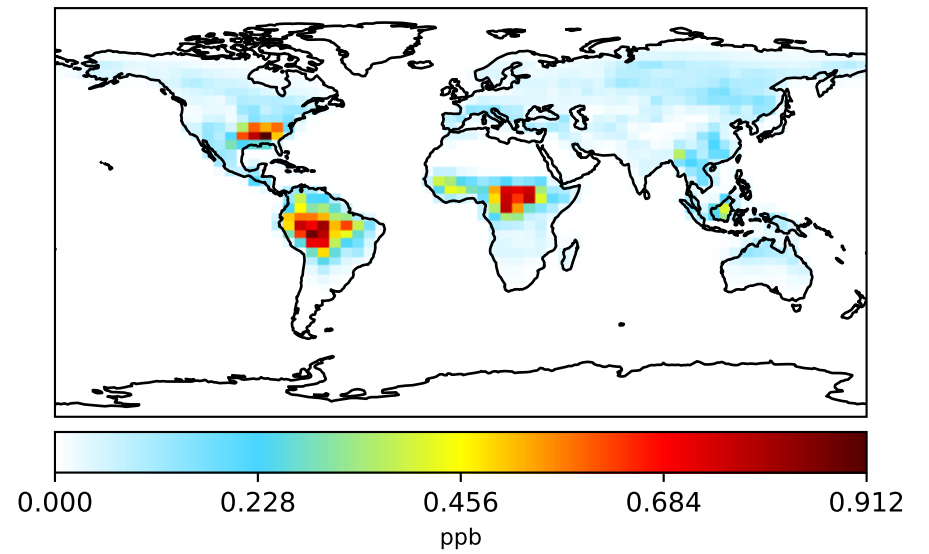


SpeciesConcVV_IEPOX (Jul2019)

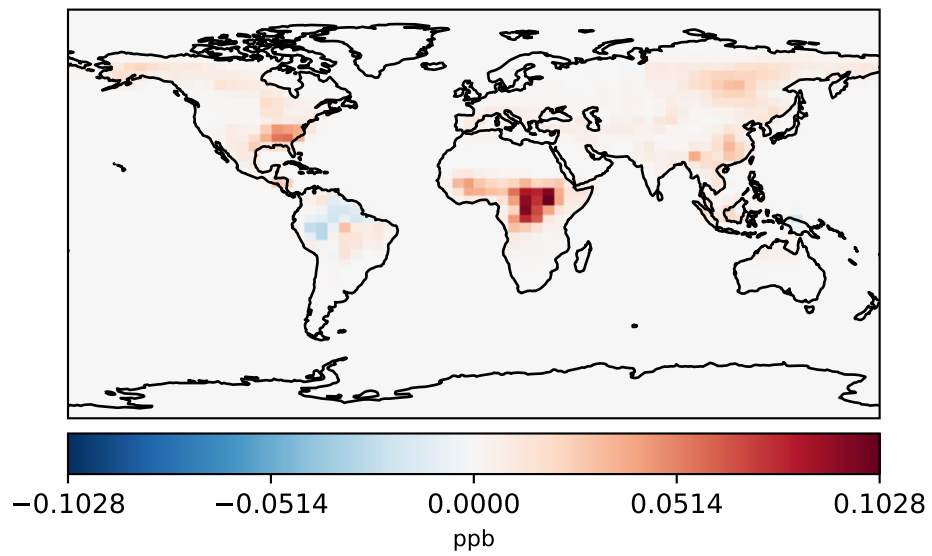
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



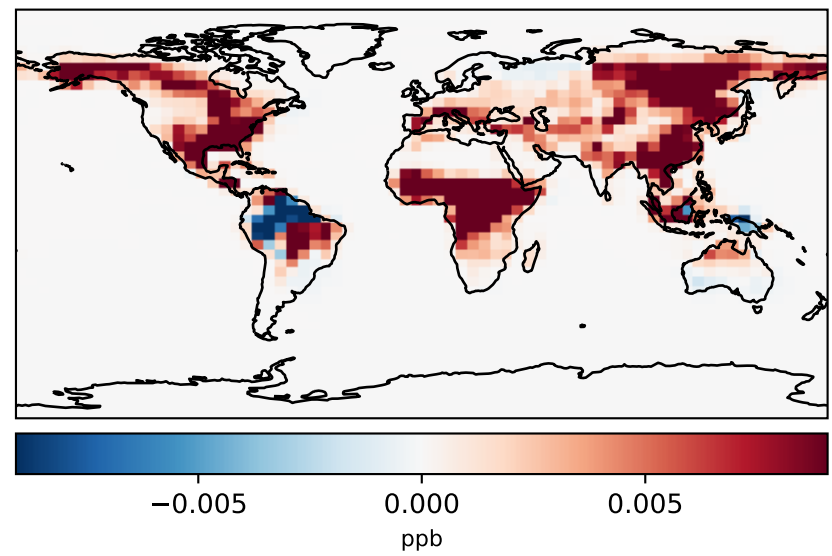
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



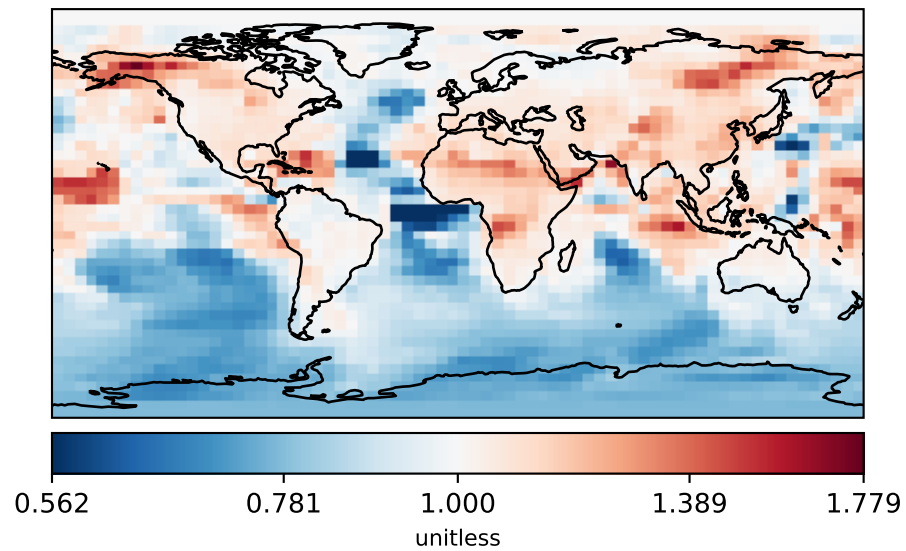
Difference
Dev - Ref, Dynamic Range



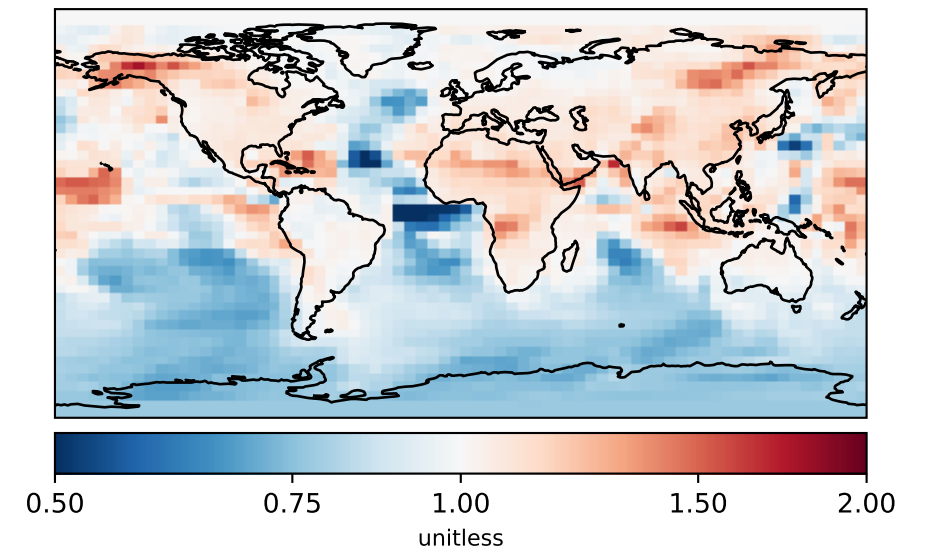
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

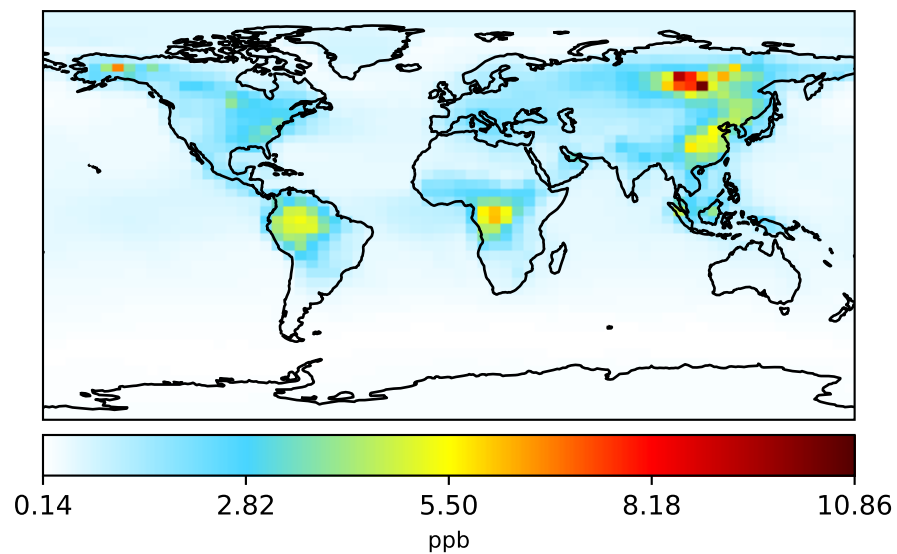


Ratio
Dev/Ref, Fixed Range

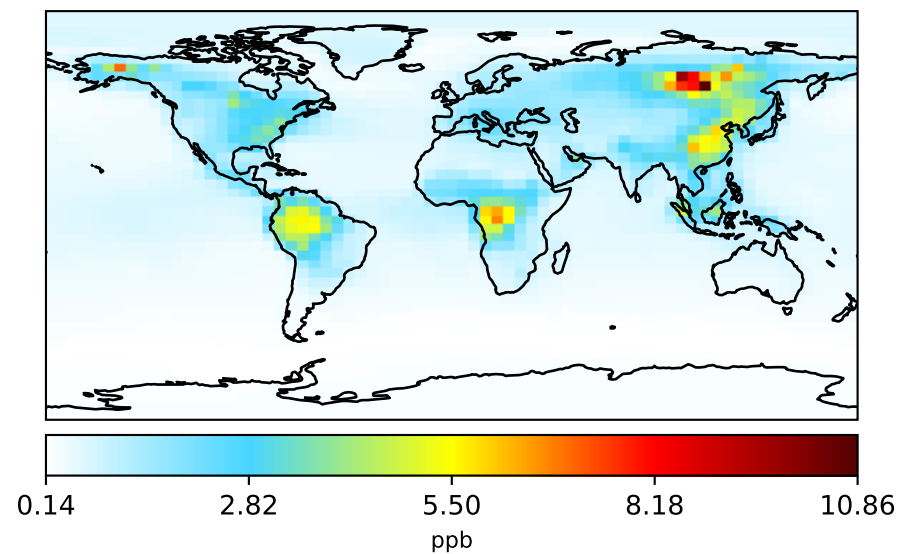


SpeciesConcVV_ACET (Jul2019)

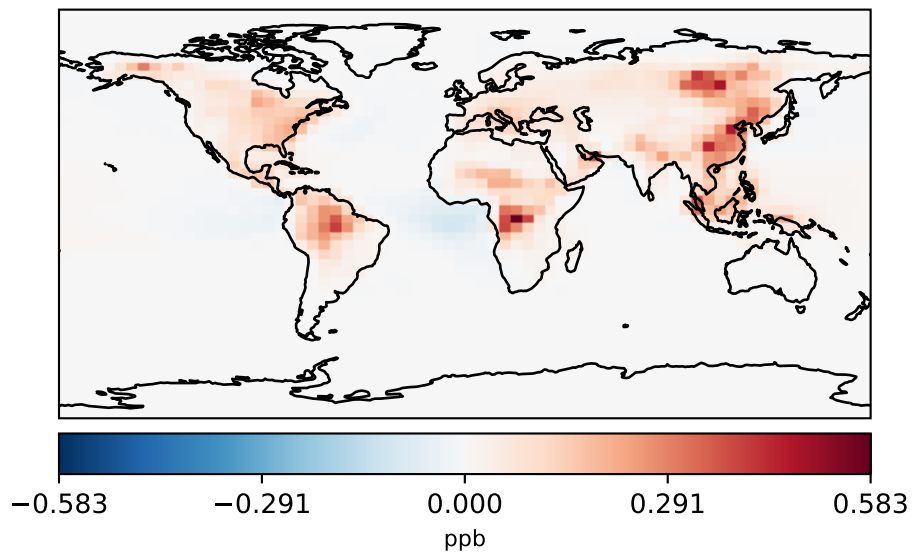
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



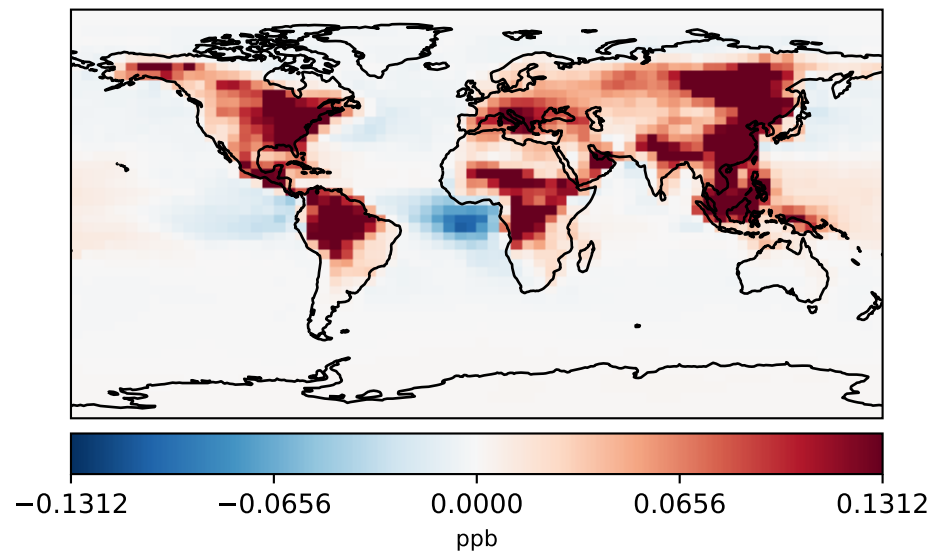
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



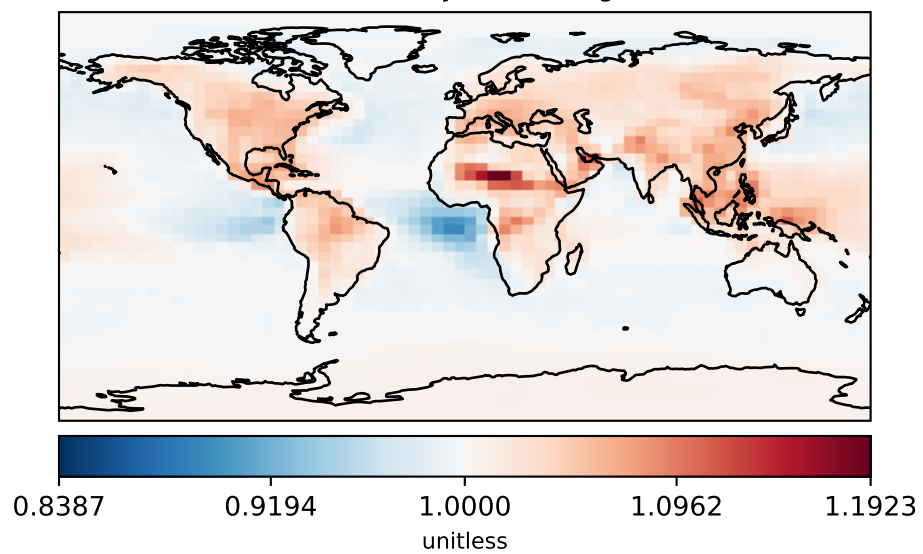
Difference
Dev - Ref, Dynamic Range



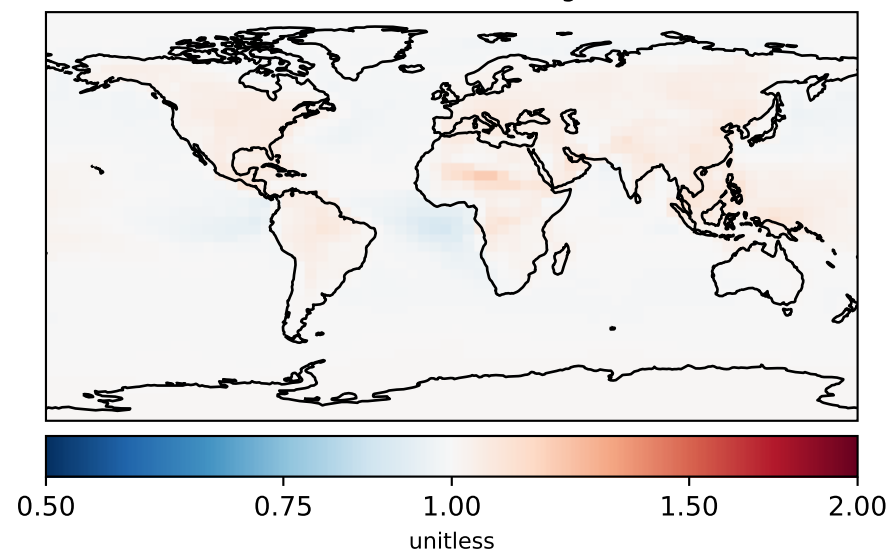
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

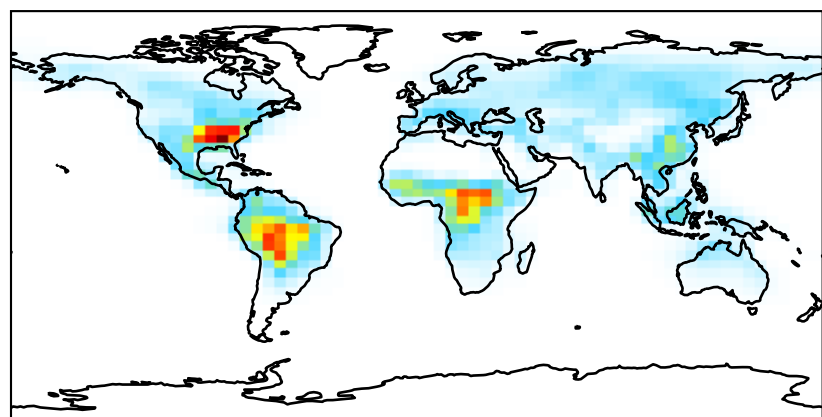


Ratio
Dev/Ref, Fixed Range



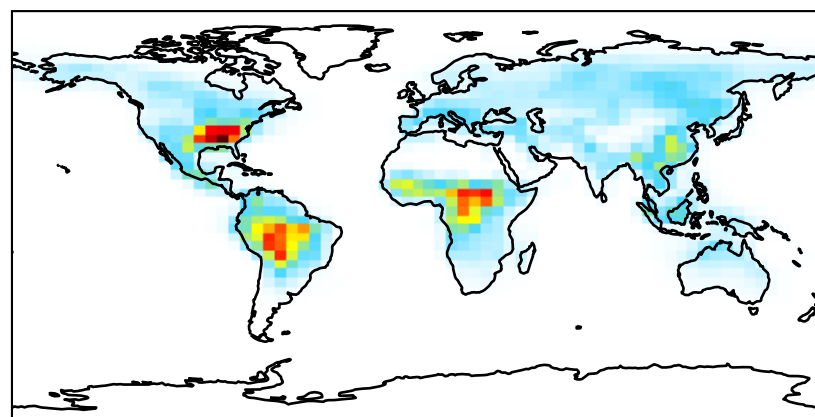
SpeciesConcVV_HAC (Jul2019)

gcc-14.3.0-rc.0 (Ref)
4.0x5.0



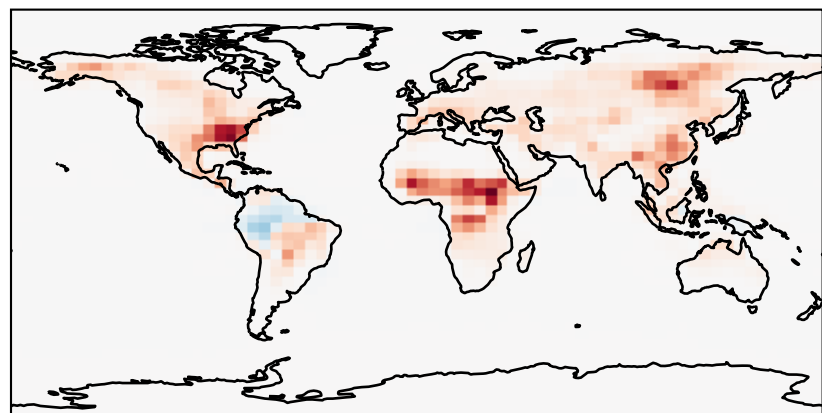
0.0000 0.2118 0.4236 0.6353 0.8471
ppb

gcc-14.4.0-rc.0 (Dev)
4.0x5.0



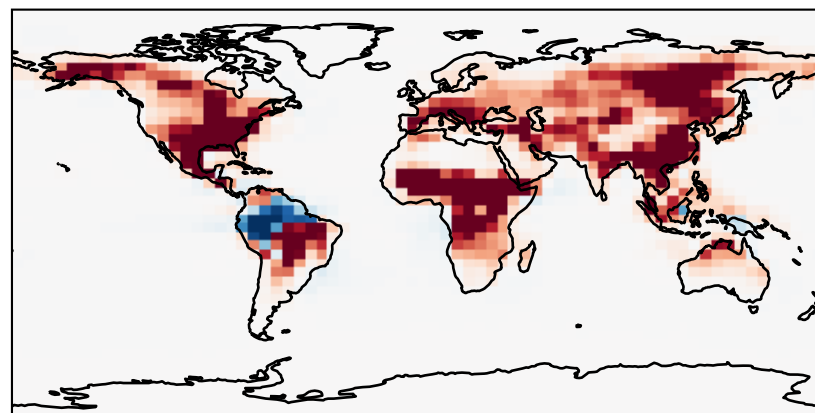
0.0000 0.2118 0.4236 0.6353 0.8471
ppb

Difference
Dev - Ref, Dynamic Range



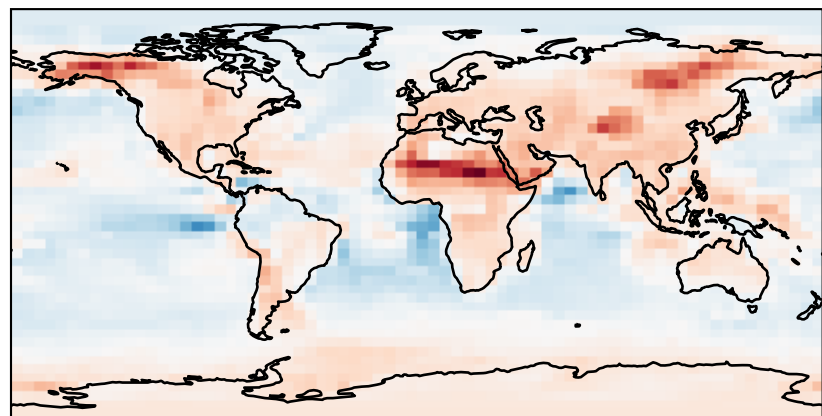
-0.0578 -0.0289 0.0000 0.0289 0.0578
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



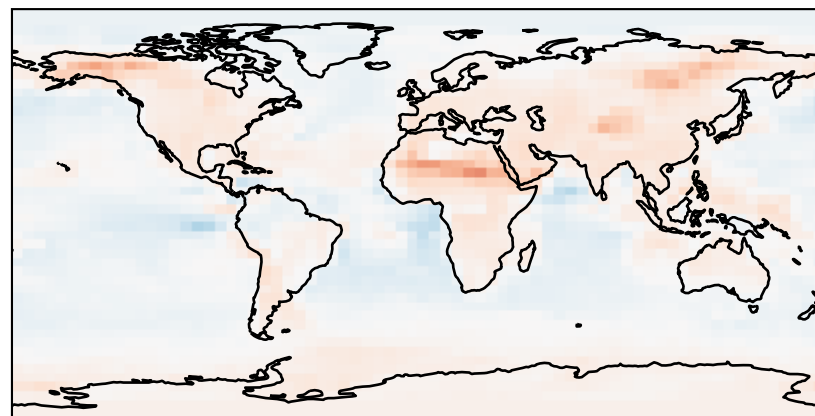
-0.006 0.000 0.006
ppb

Ratio
Dev/Ref, Dynamic Range



0.7197 0.8599 1.0000 1.1947 1.3895
unitless

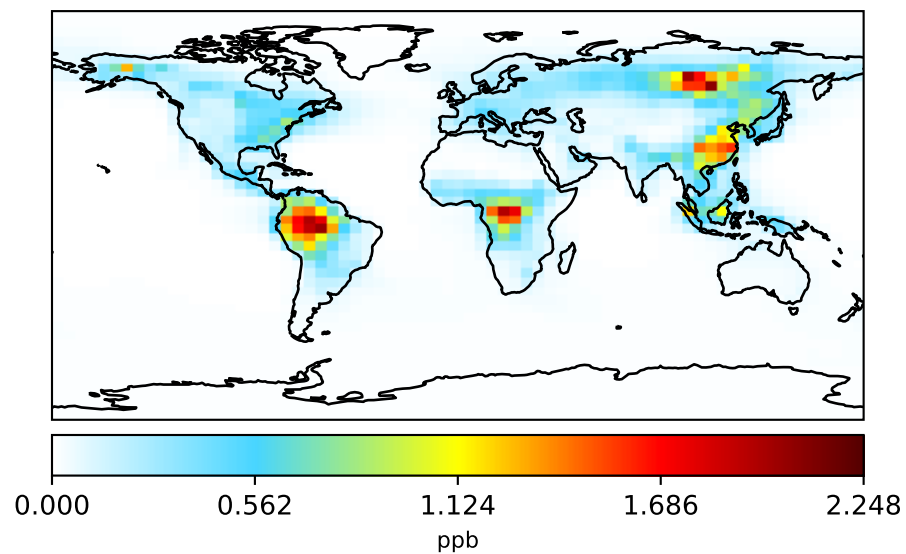
Ratio
Dev/Ref, Fixed Range



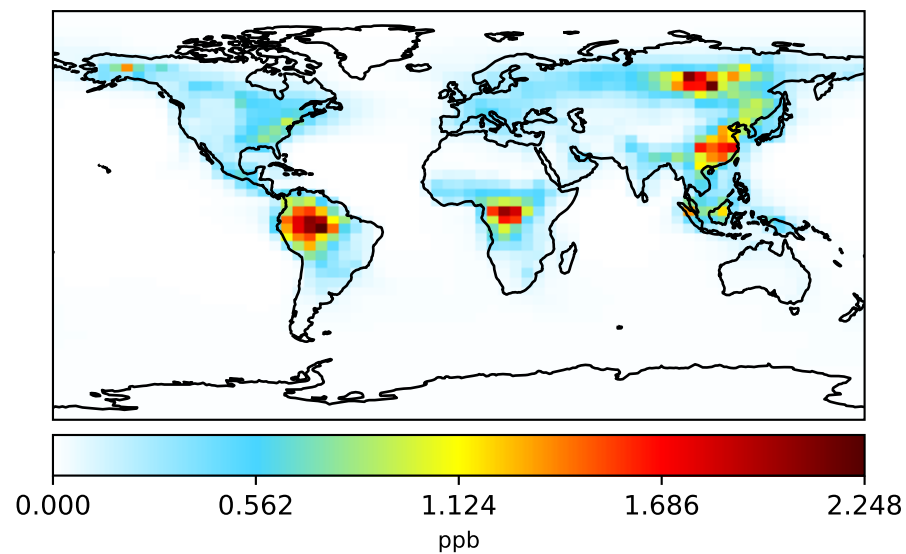
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MEK (Jul2019)

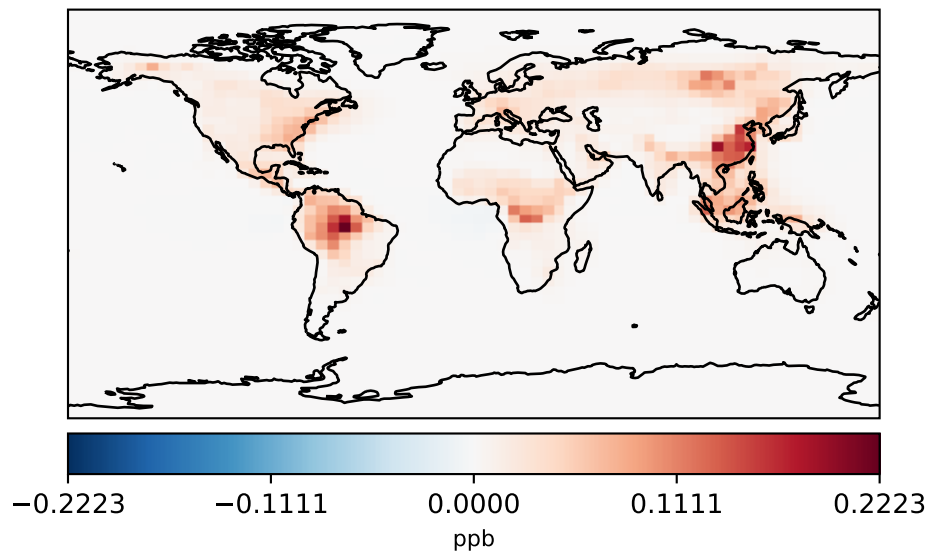
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



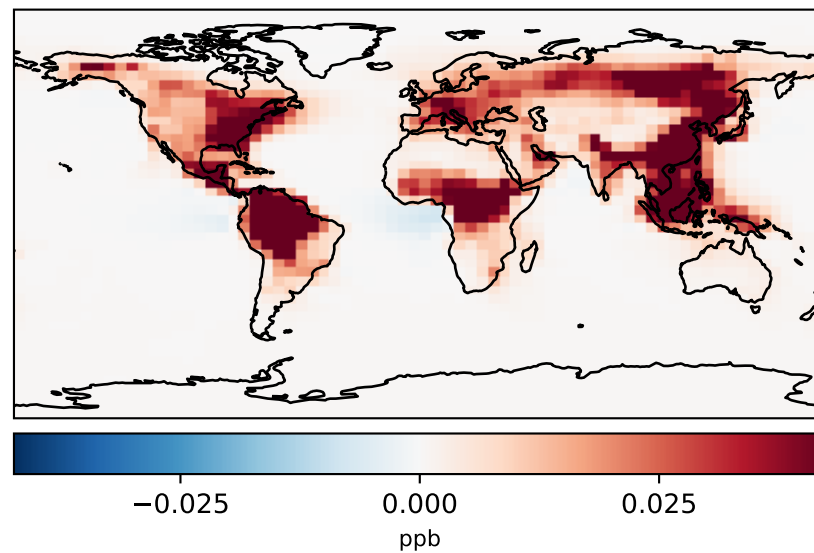
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



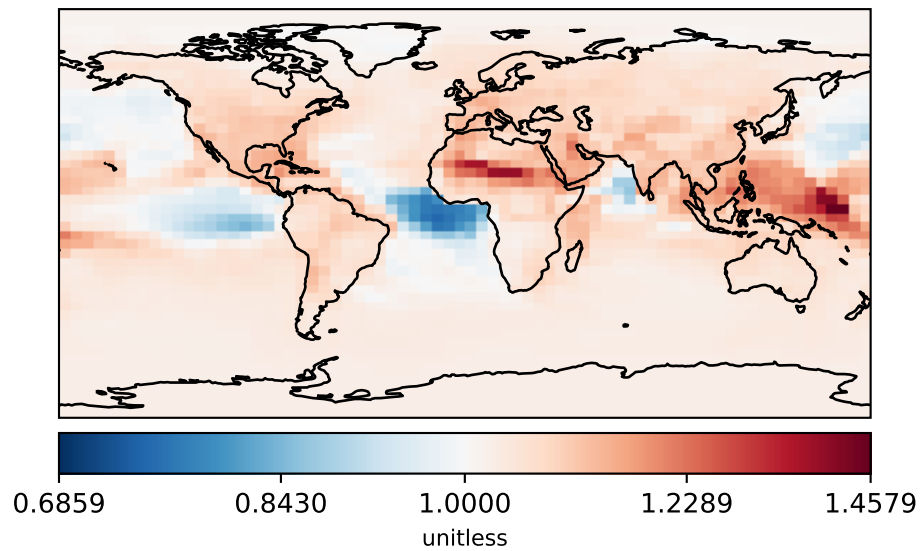
Difference
Dev - Ref, Dynamic Range



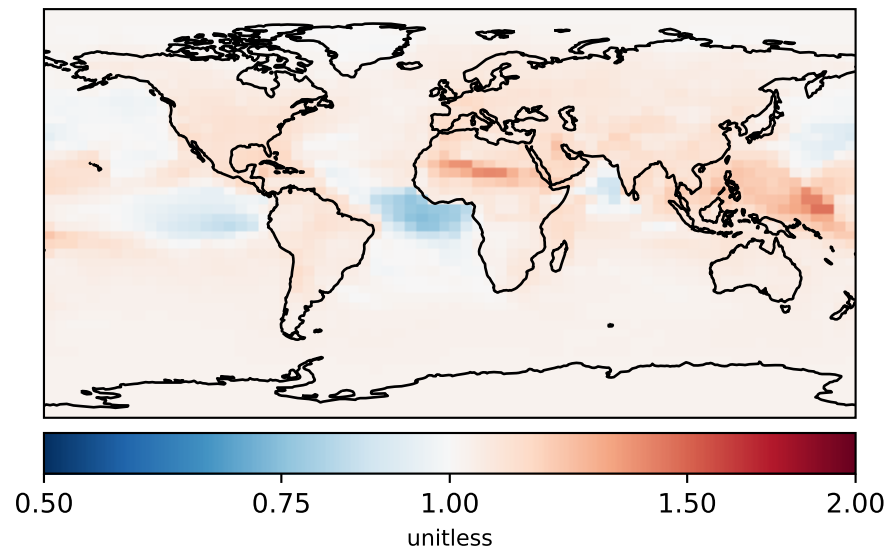
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

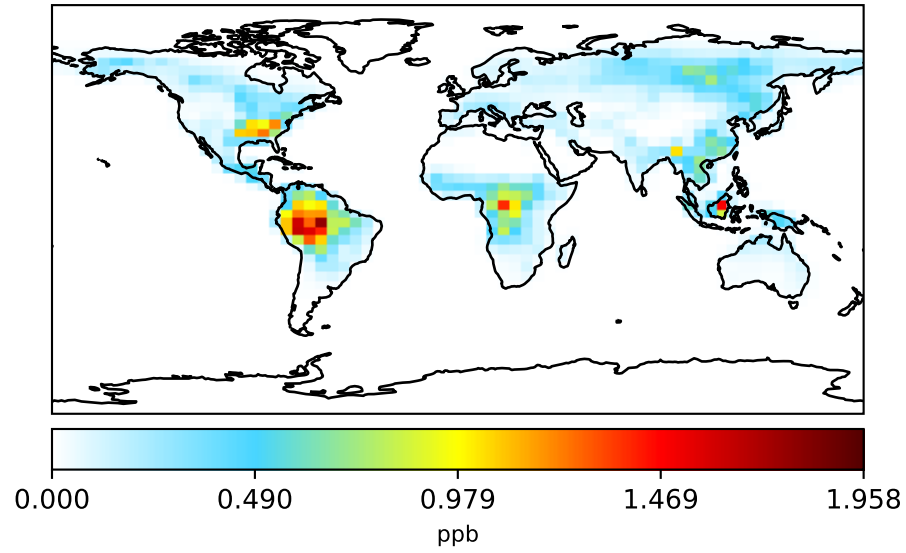


Ratio
Dev/Ref, Fixed Range

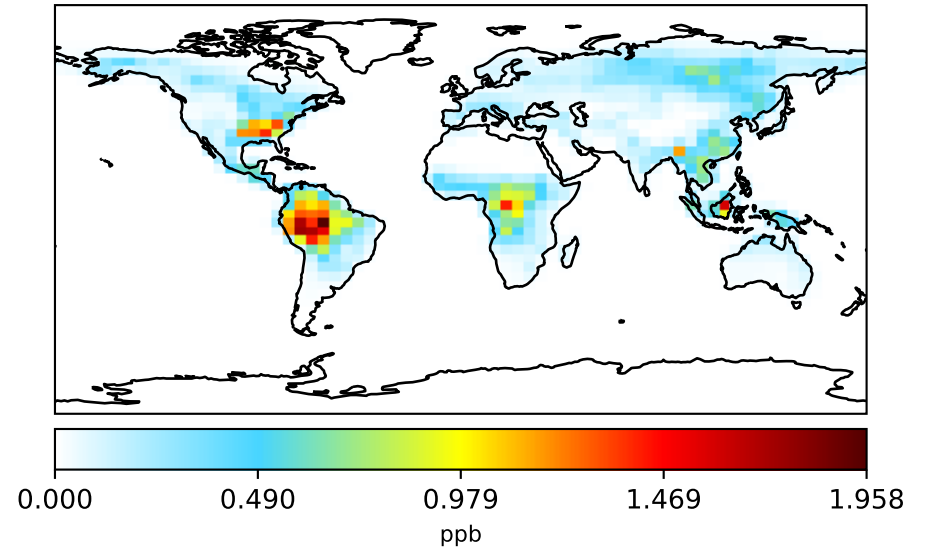


SpeciesConcVV_MVK (Jul2019)

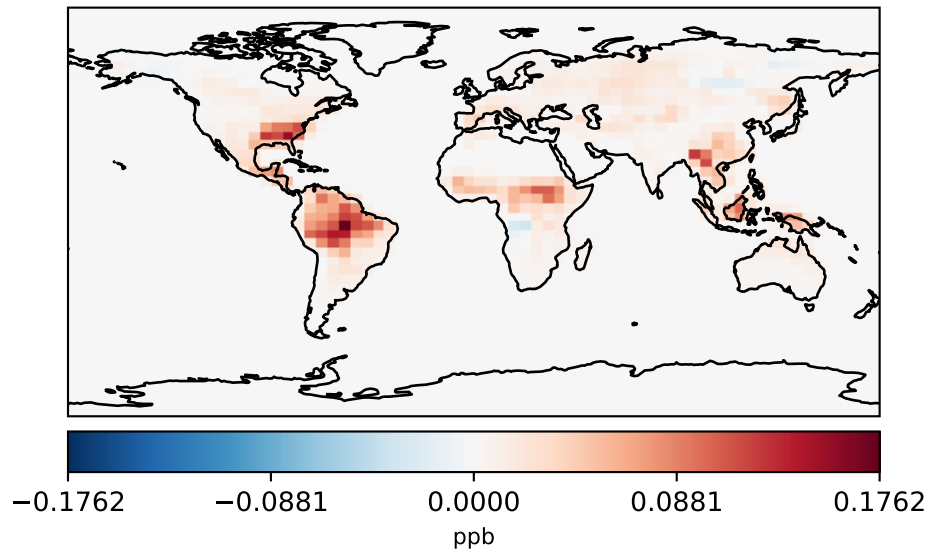
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



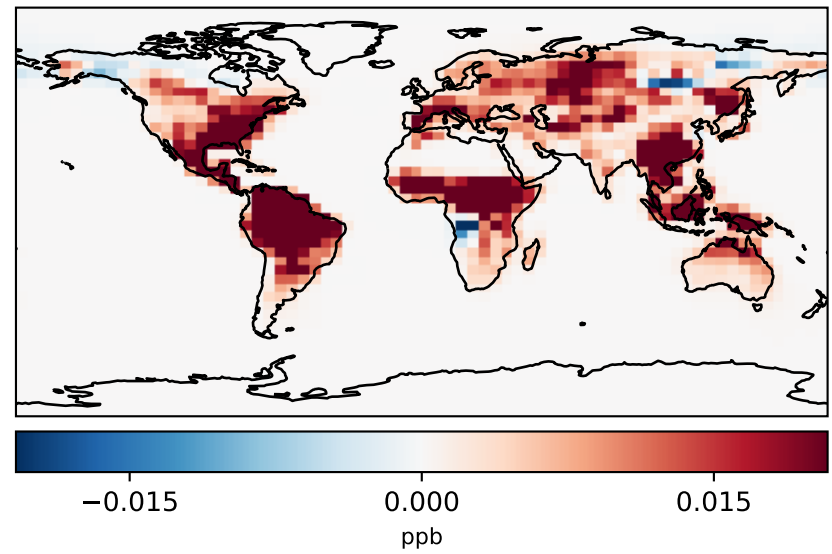
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



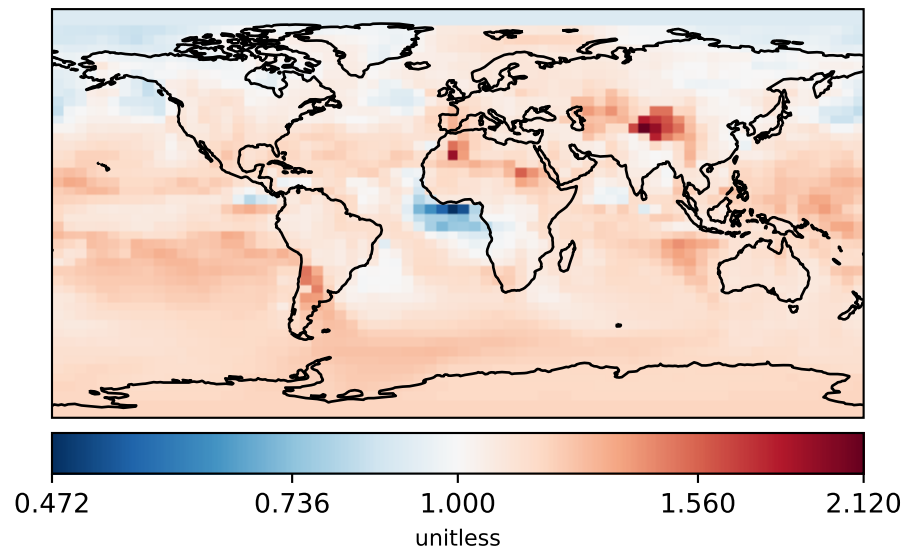
Difference
Dev - Ref, Dynamic Range



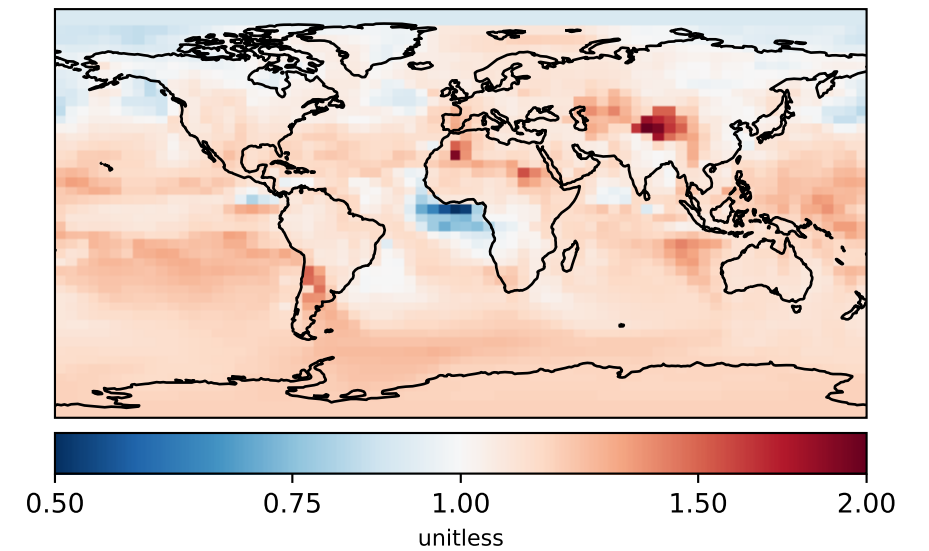
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

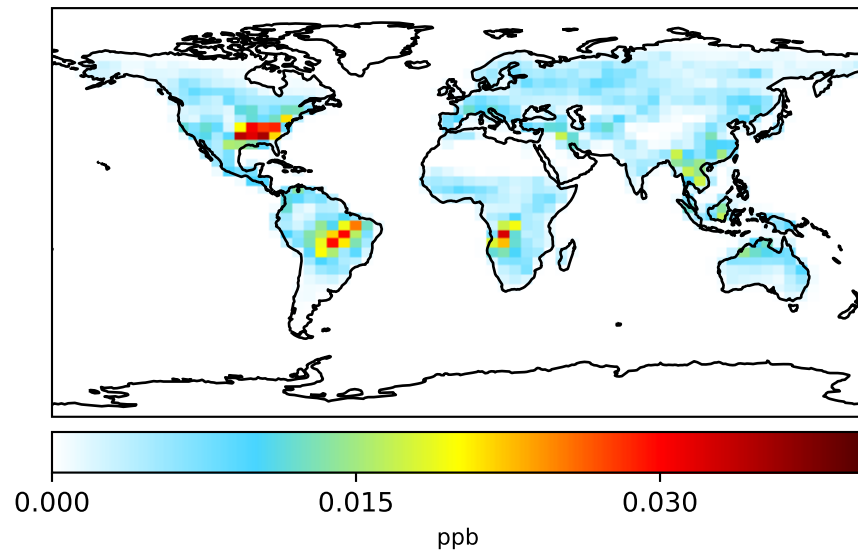


Ratio
Dev/Ref, Fixed Range

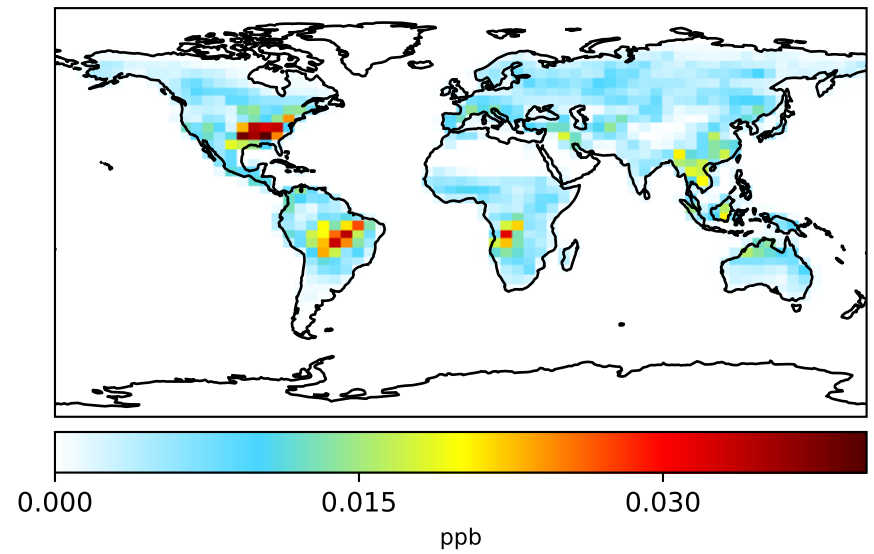


SpeciesConcVV_ISOPN (Jul2019)

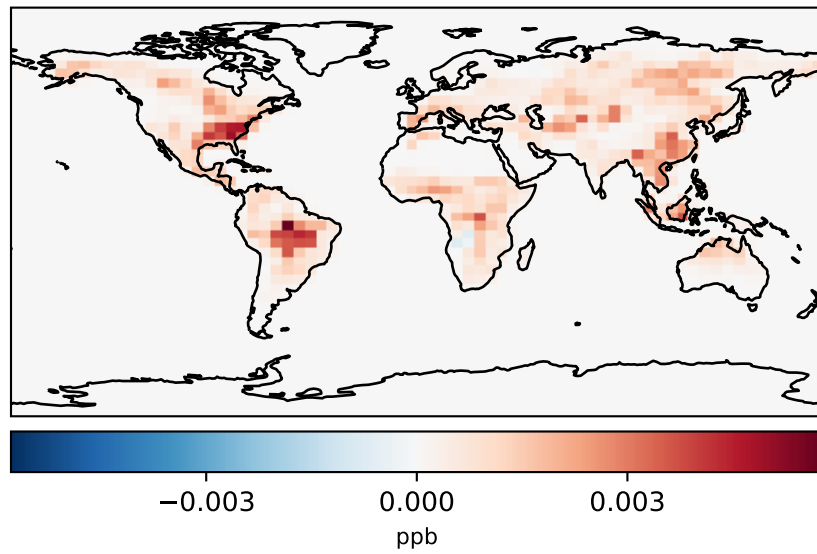
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



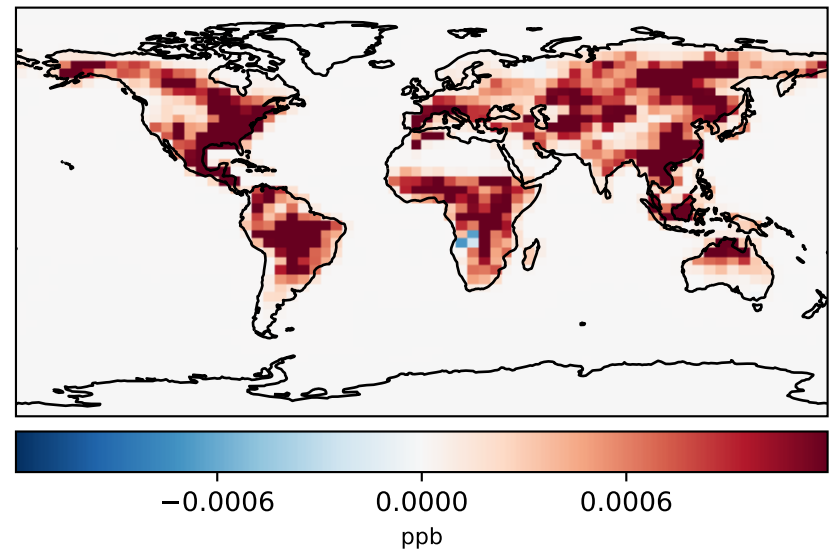
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



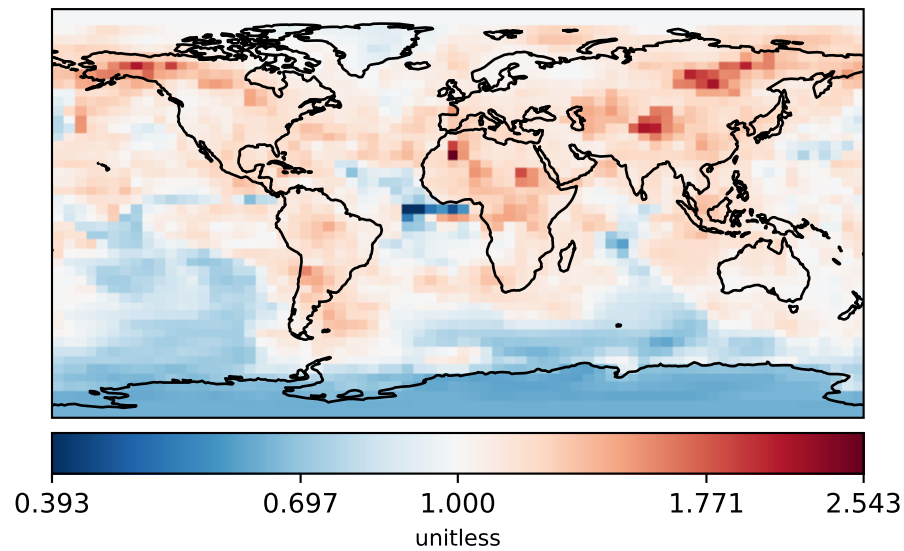
Difference
Dev - Ref, Dynamic Range



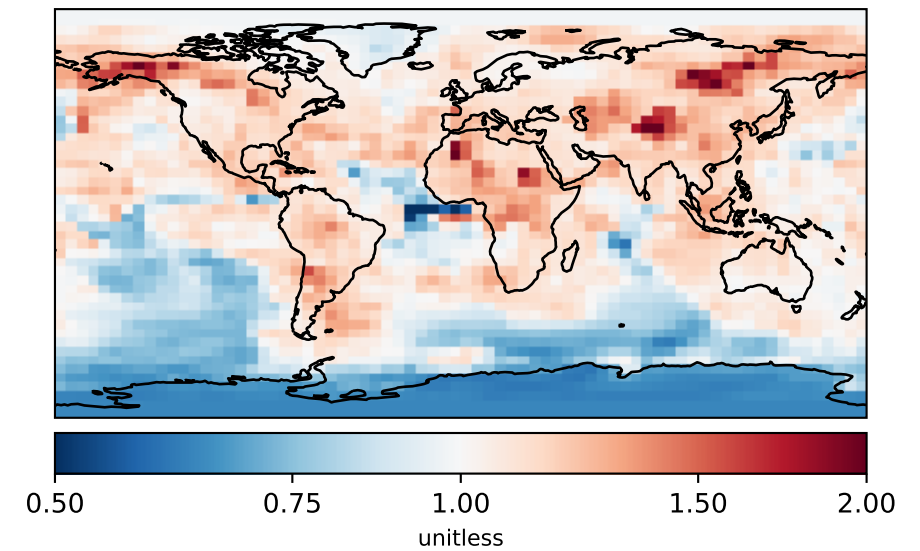
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

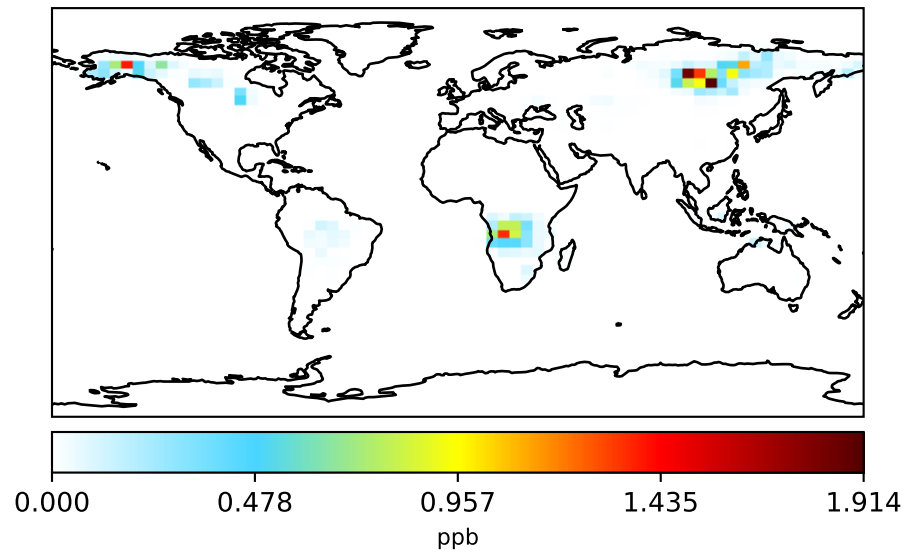


Ratio
Dev/Ref, Fixed Range

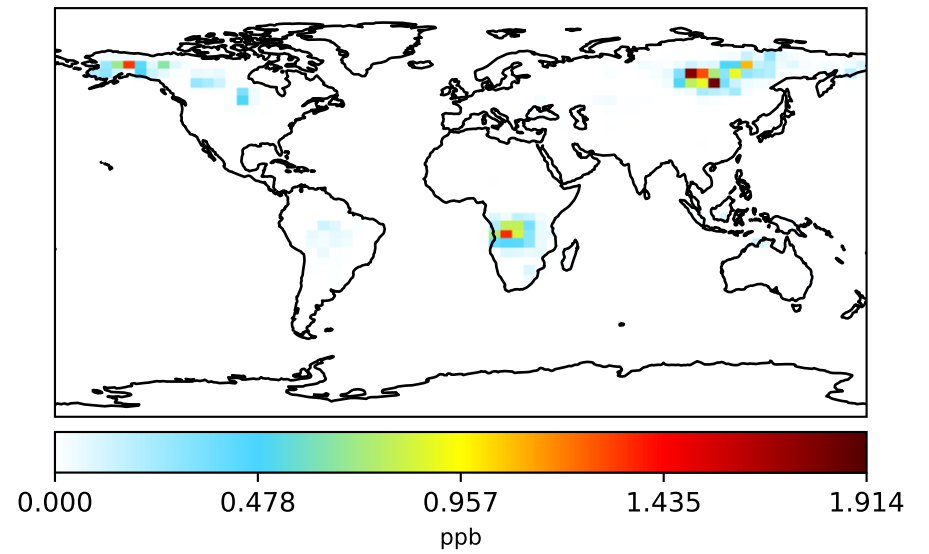


SpeciesConcVV_FURA (Jul2019)

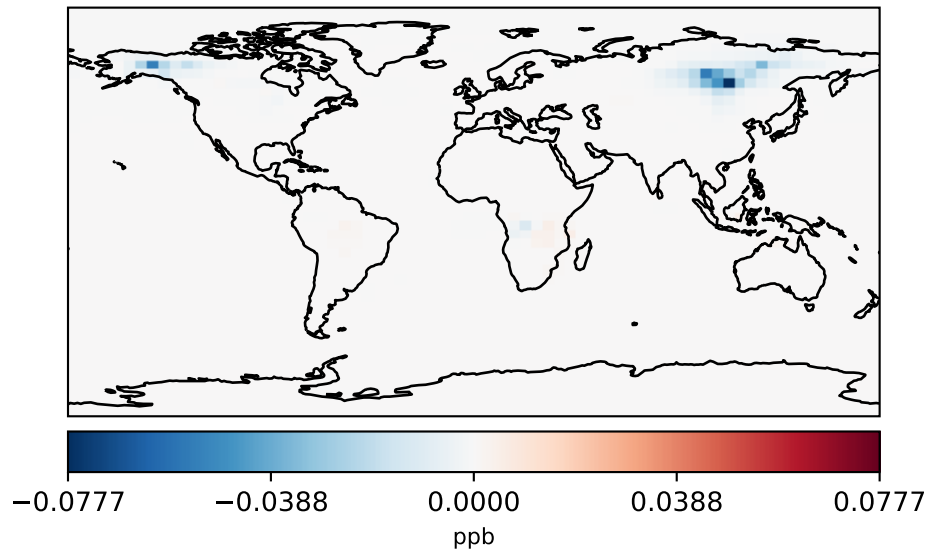
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



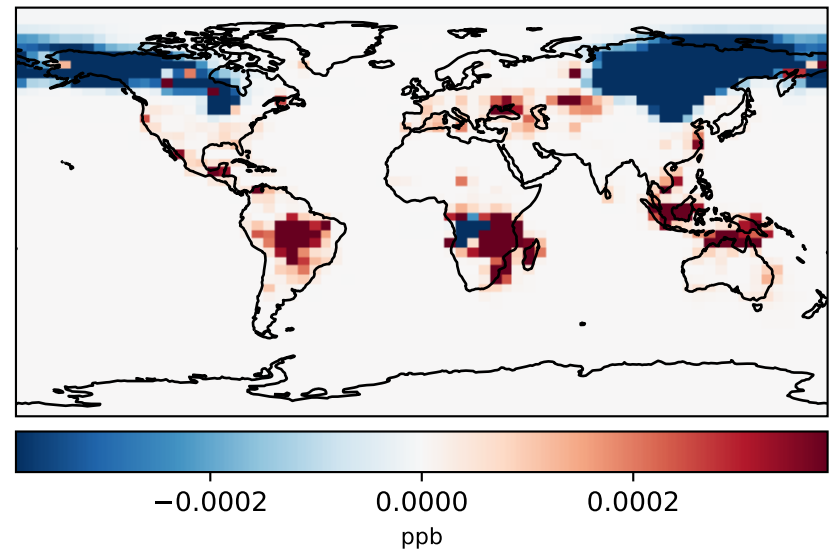
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



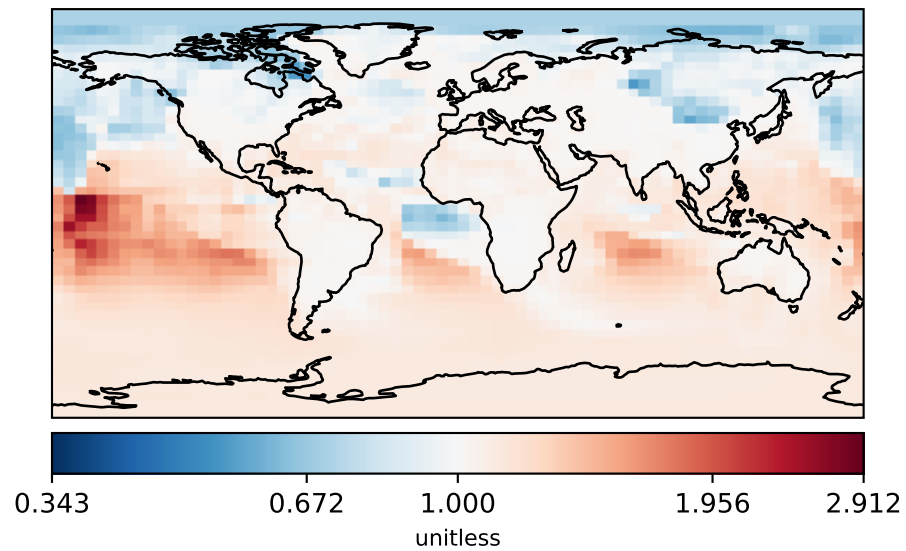
Difference
Dev - Ref, Dynamic Range



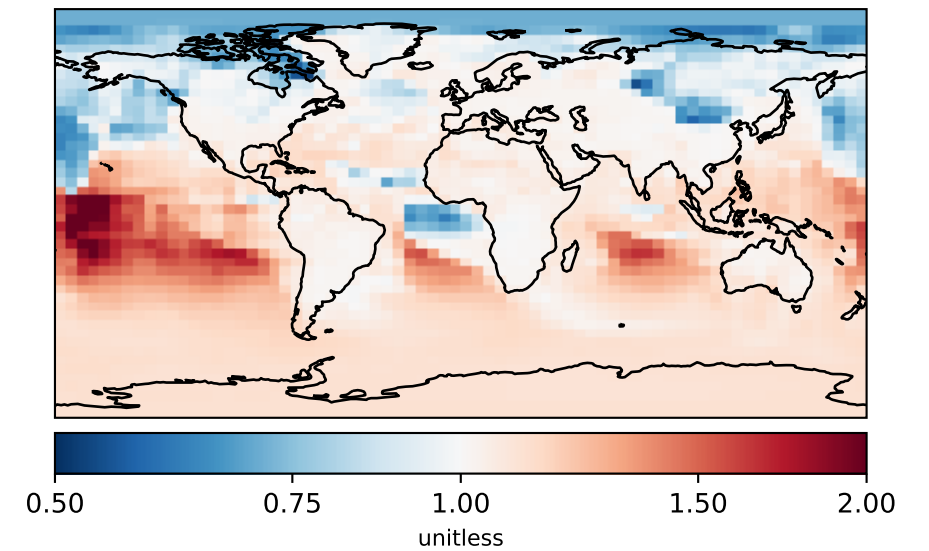
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

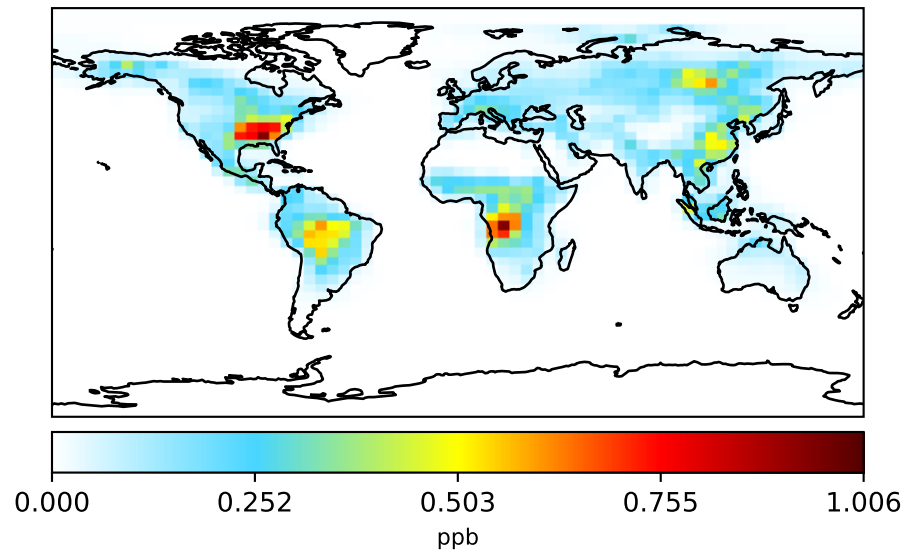


Ratio
Dev/Ref, Fixed Range

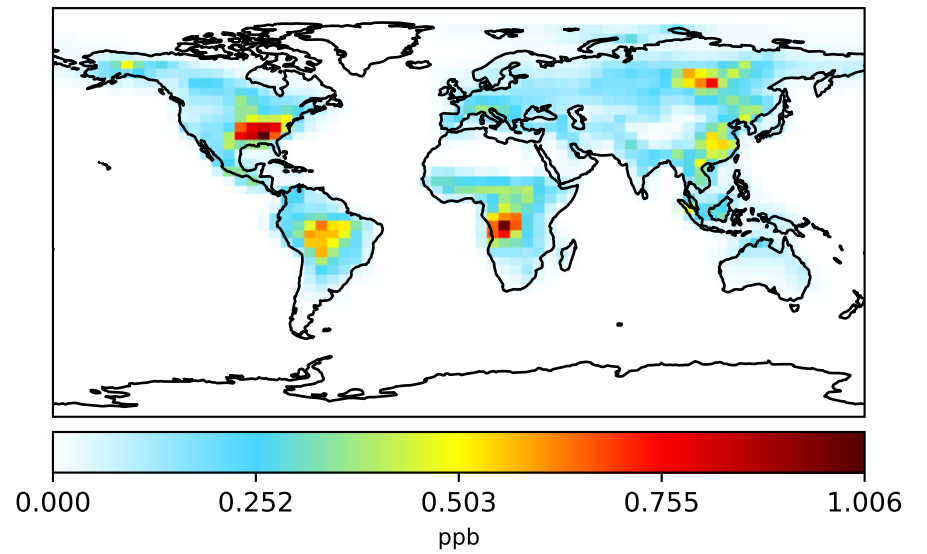


SpeciesConcVV_GLYC (Jul2019)

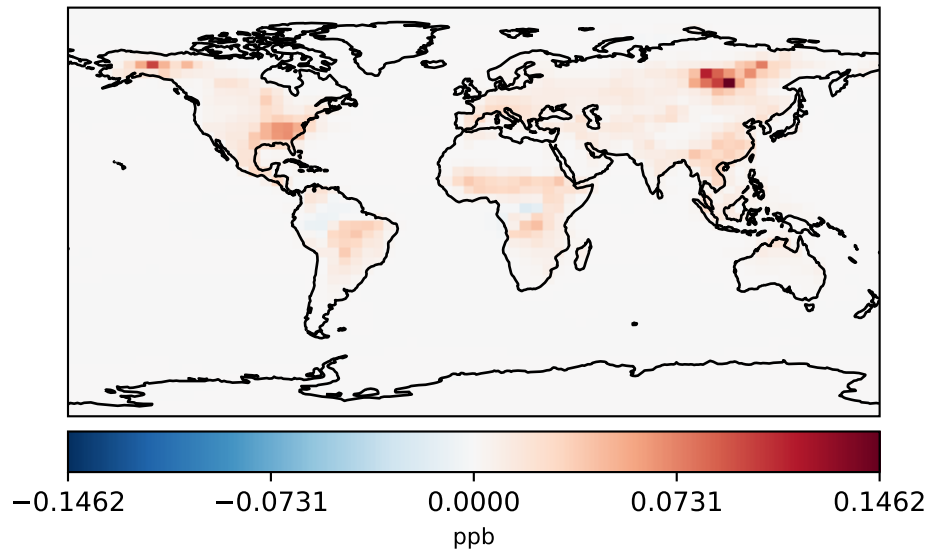
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



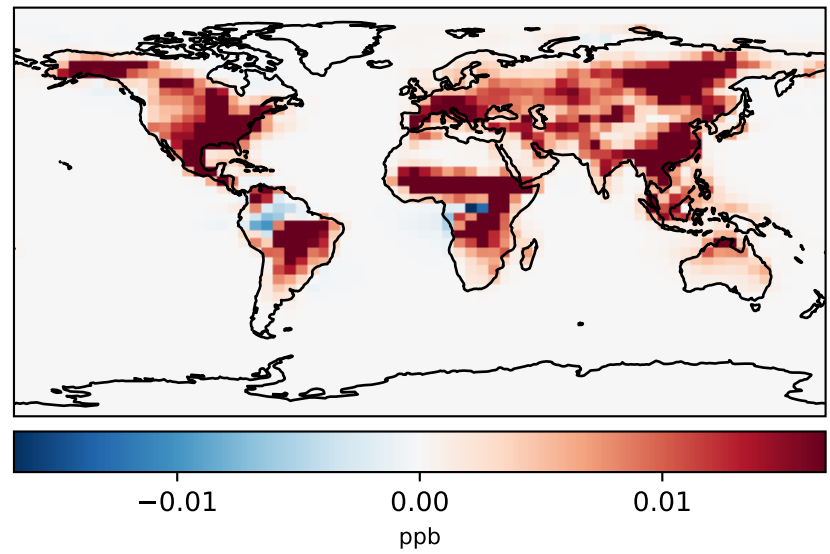
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



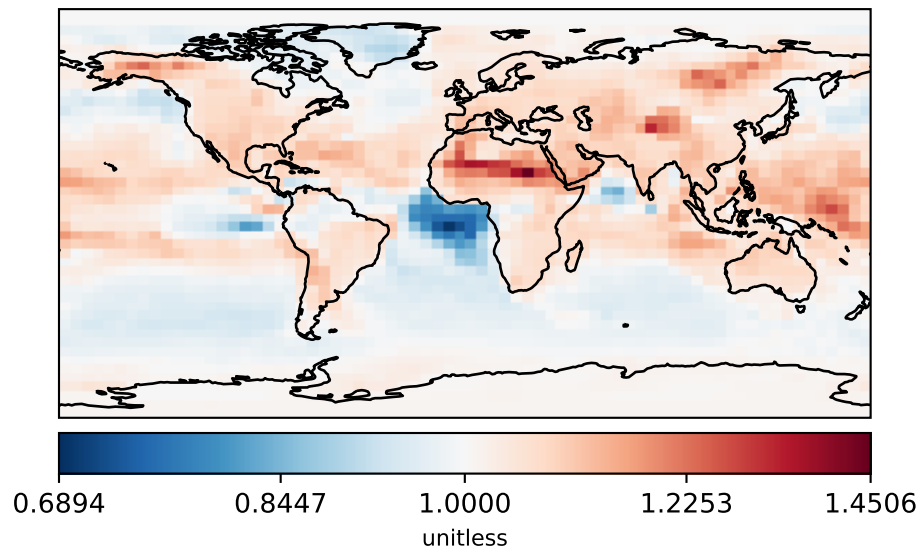
Difference
Dev - Ref, Dynamic Range



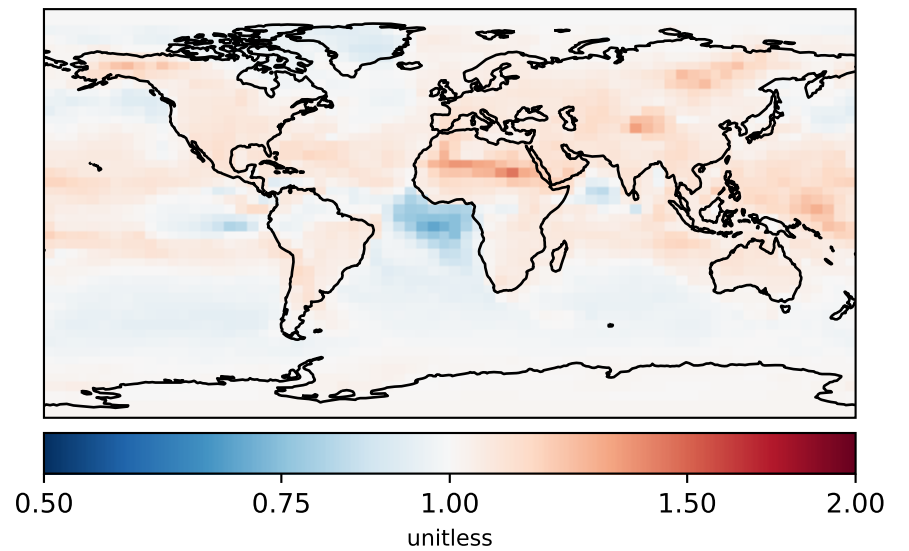
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

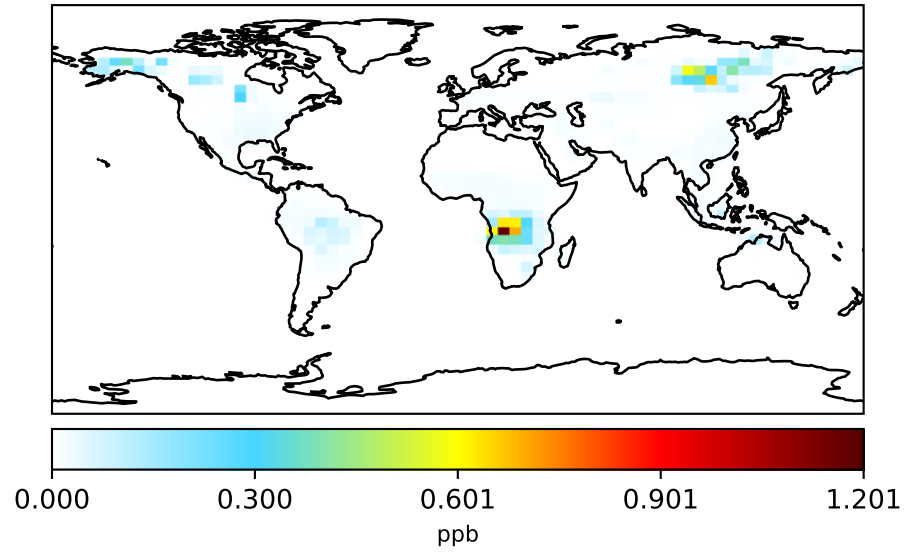


Ratio
Dev/Ref, Fixed Range

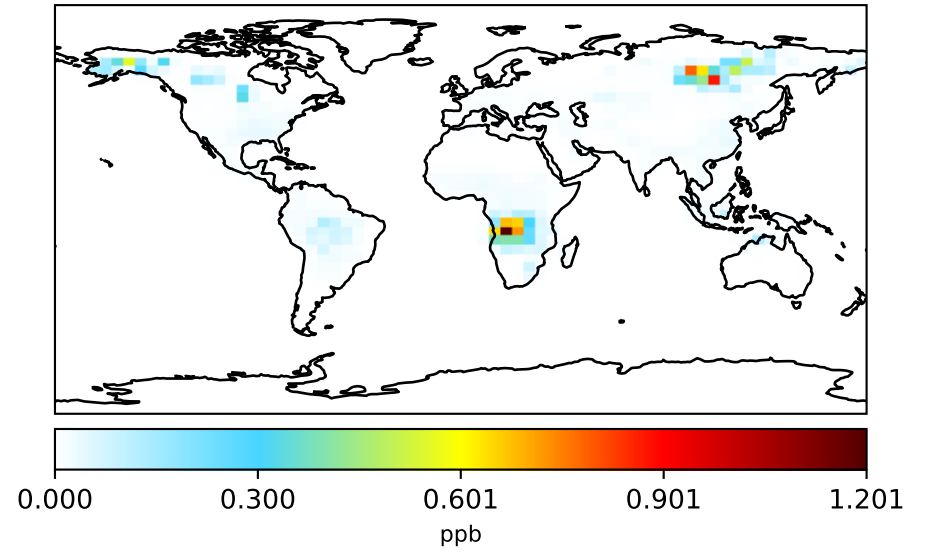


SpeciesConcVV_GLYX (Jul2019)

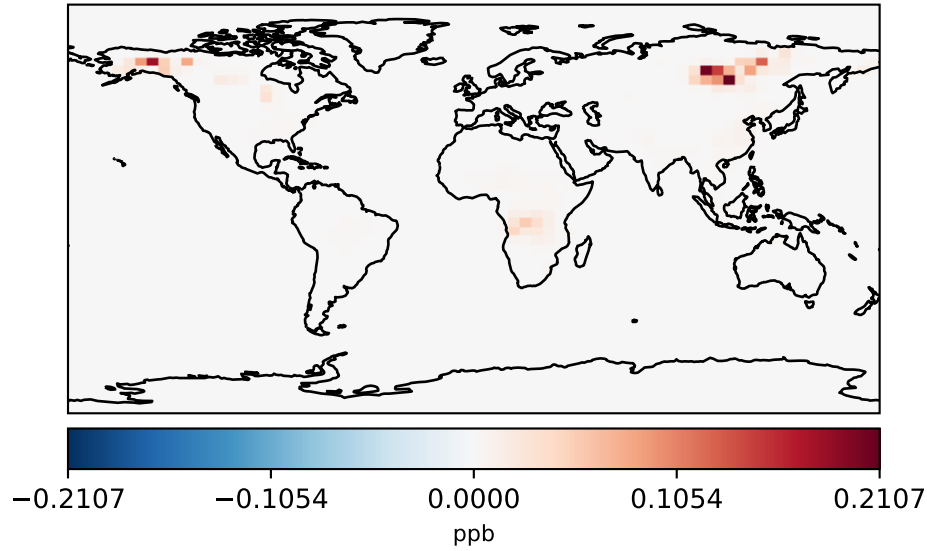
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



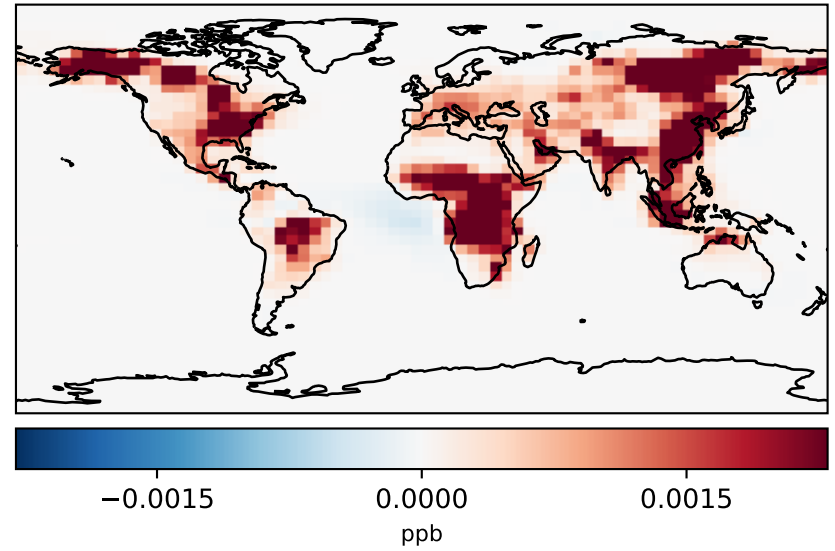
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



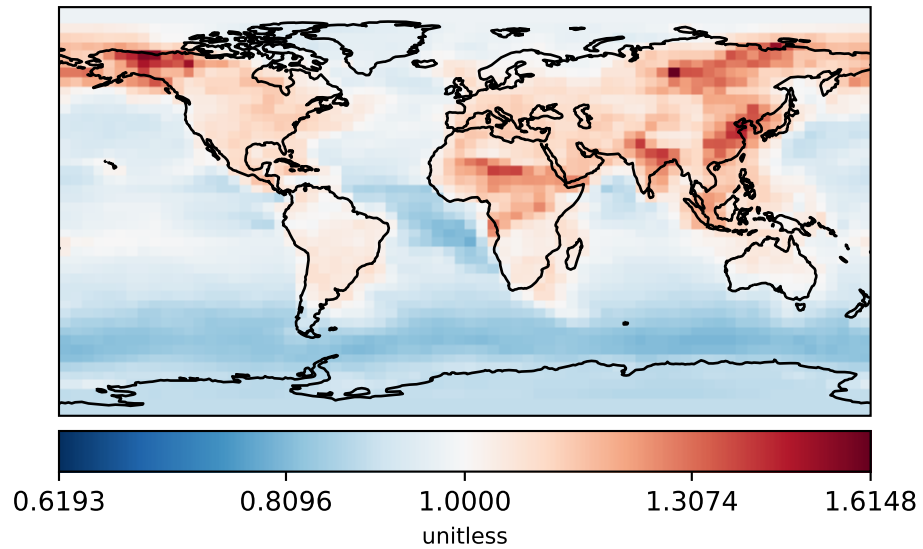
Difference
Dev - Ref, Dynamic Range



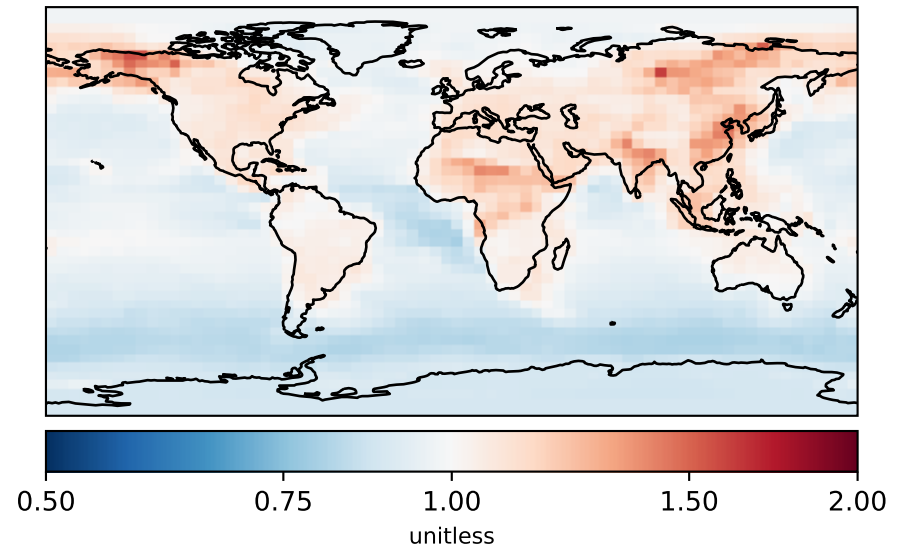
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

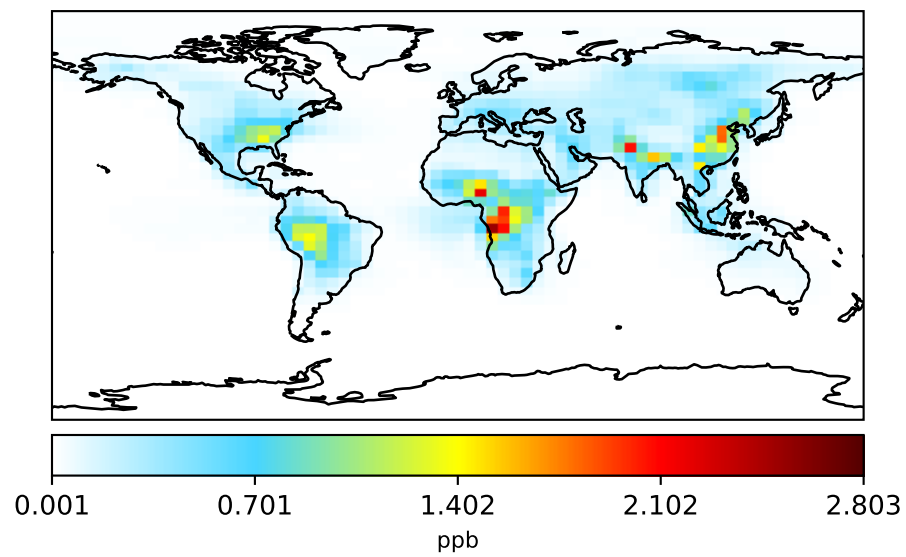


Ratio
Dev/Ref, Fixed Range

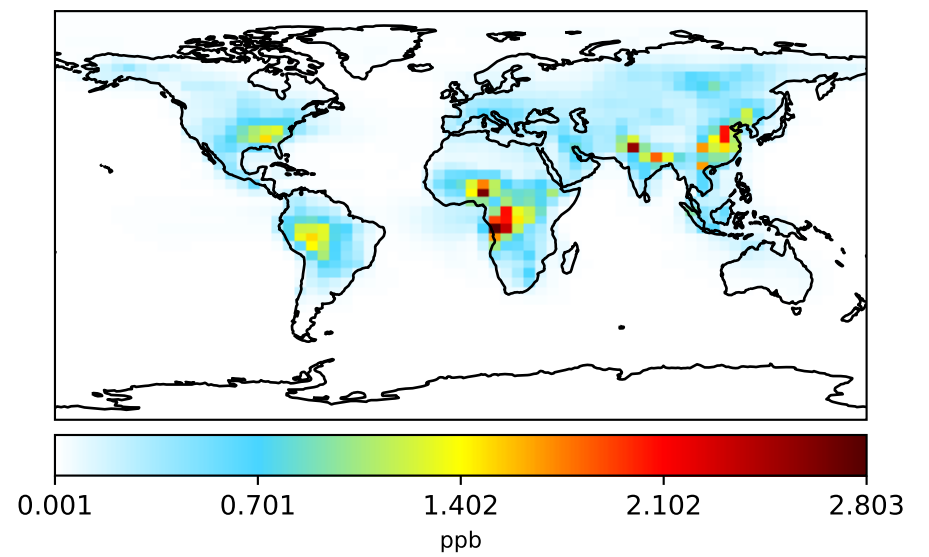


SpeciesConcVV_HCOOH (Jul2019)

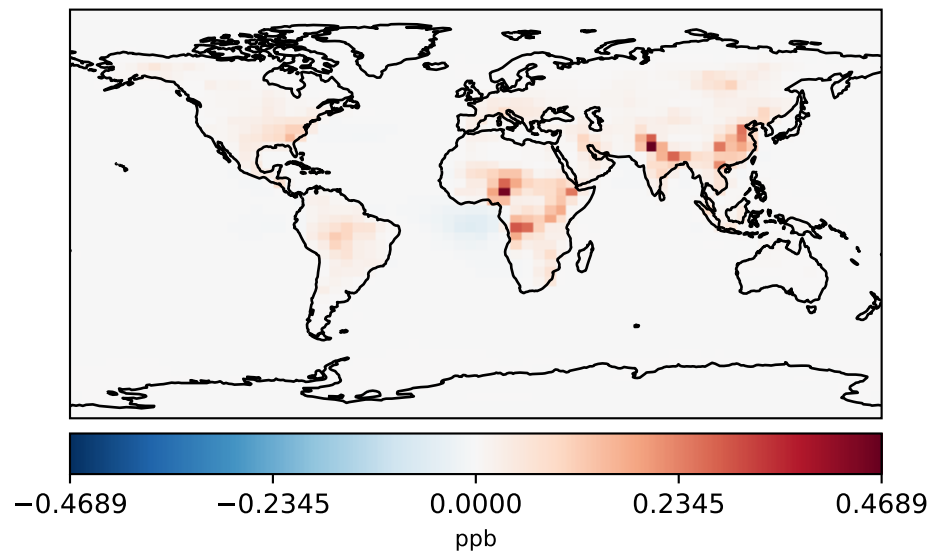
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



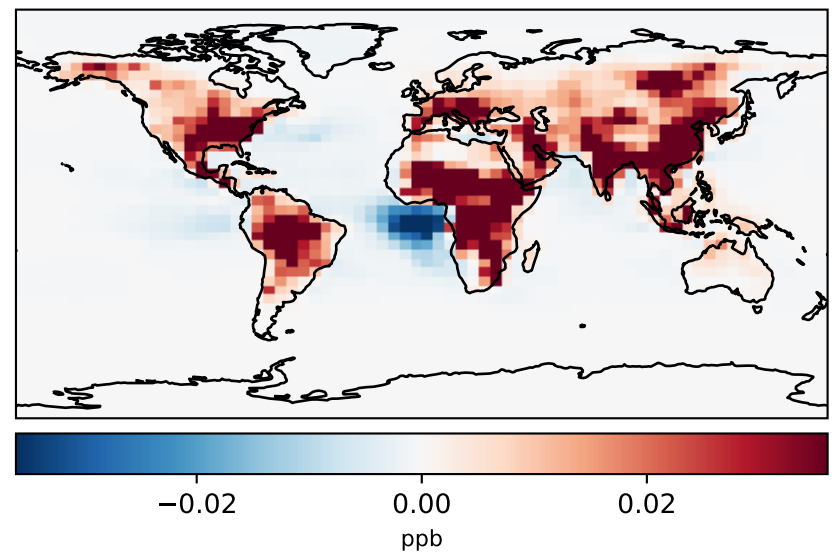
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



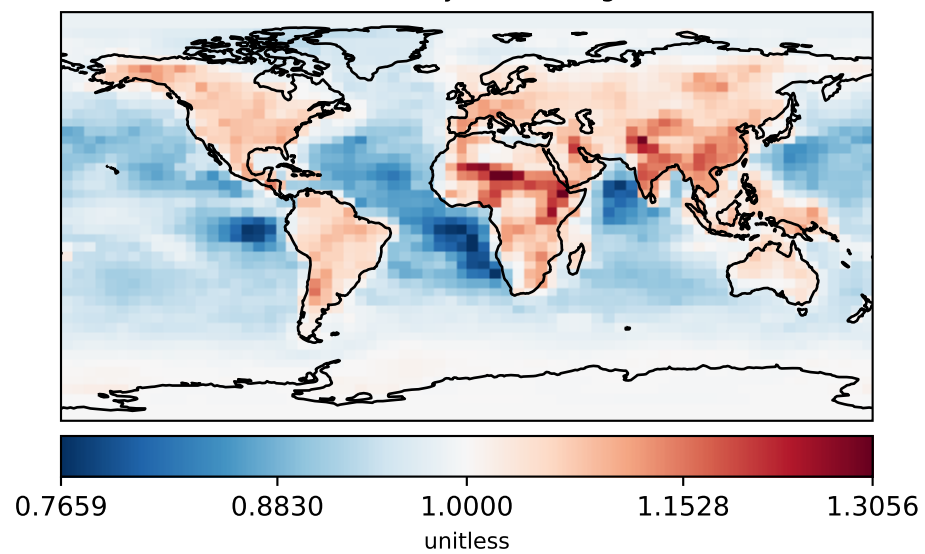
Difference
Dev - Ref, Dynamic Range



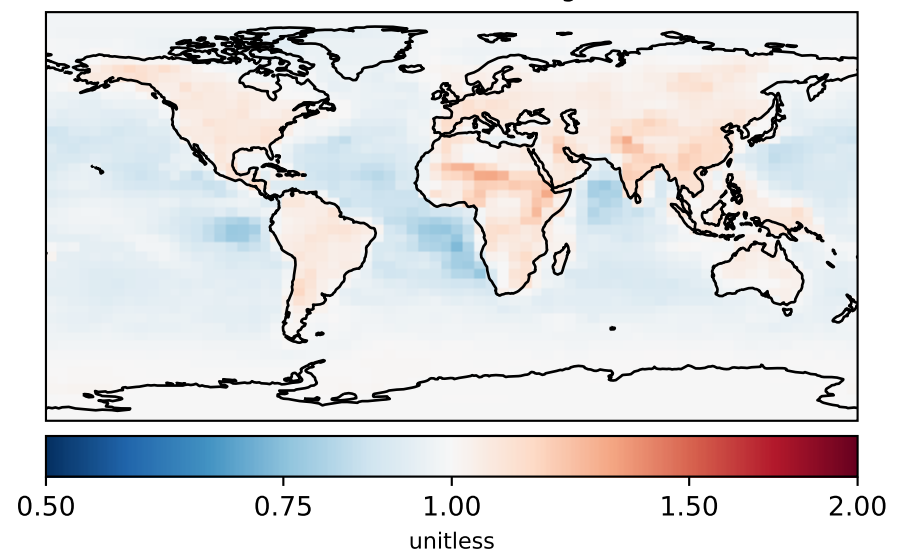
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

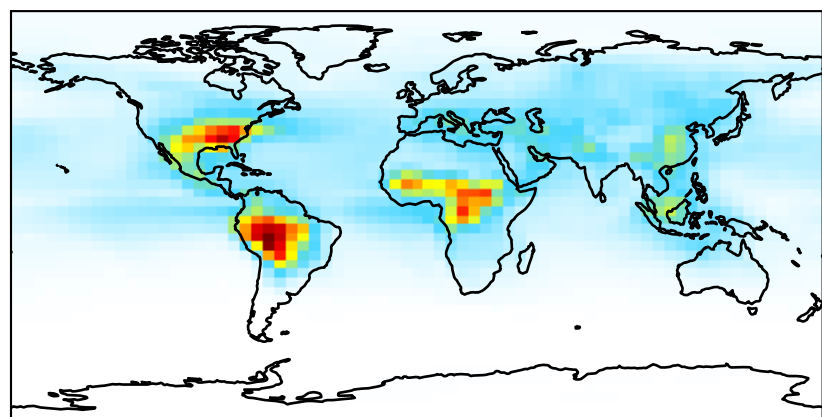


Ratio
Dev/Ref, Fixed Range



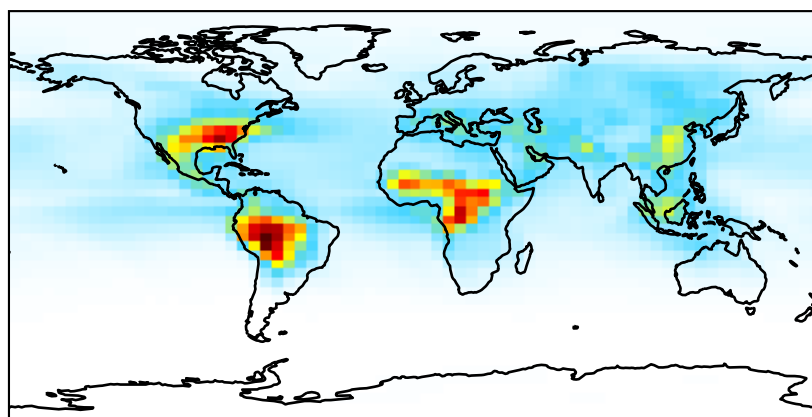
SpeciesConcVV_MAP (Jul2019)

gcc-14.3.0-rc.0 (Ref)
4.0x5.0



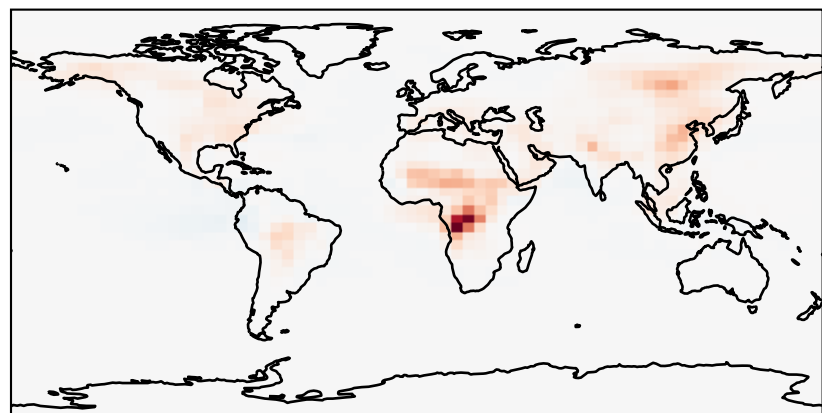
0.0014 0.2170 0.4326 0.6481 0.8637
ppb

gcc-14.4.0-rc.0 (Dev)
4.0x5.0



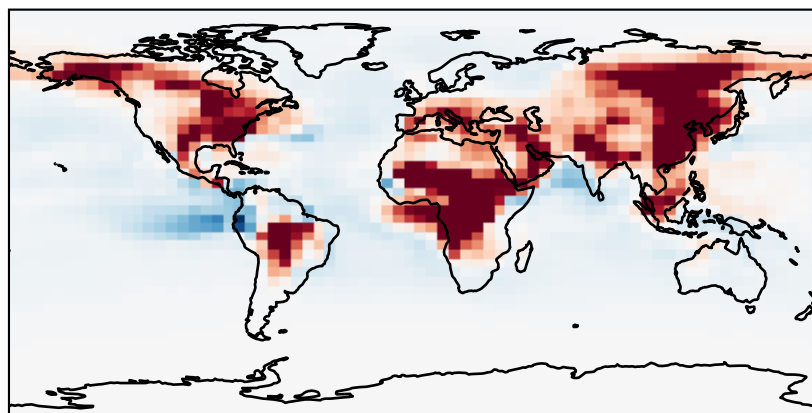
0.0014 0.2170 0.4326 0.6481 0.8637
ppb

Difference
Dev - Ref, Dynamic Range



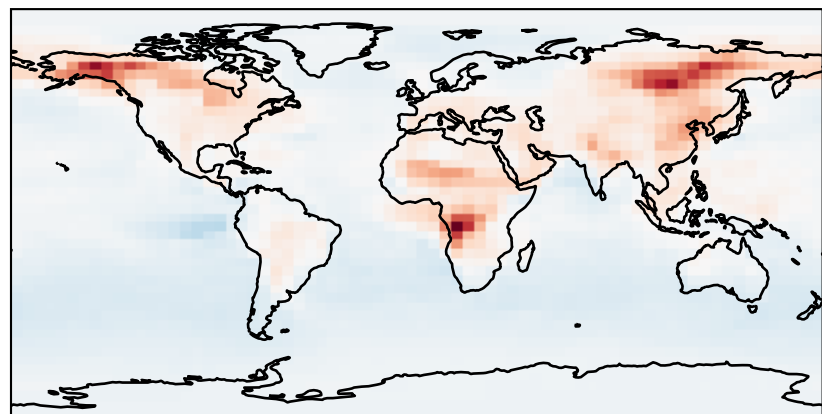
-0.1982 -0.0991 0.0000 0.0991 0.1982
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



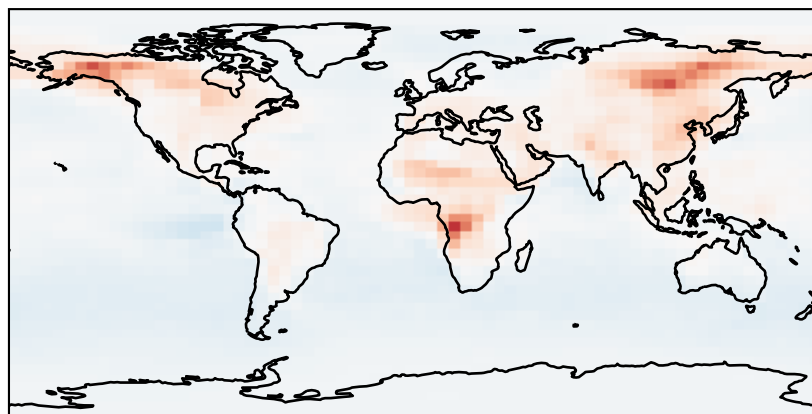
-0.01 0.00 0.01
ppb

Ratio
Dev/Ref, Dynamic Range



0.605 0.803 1.000 1.326 1.652
unitless

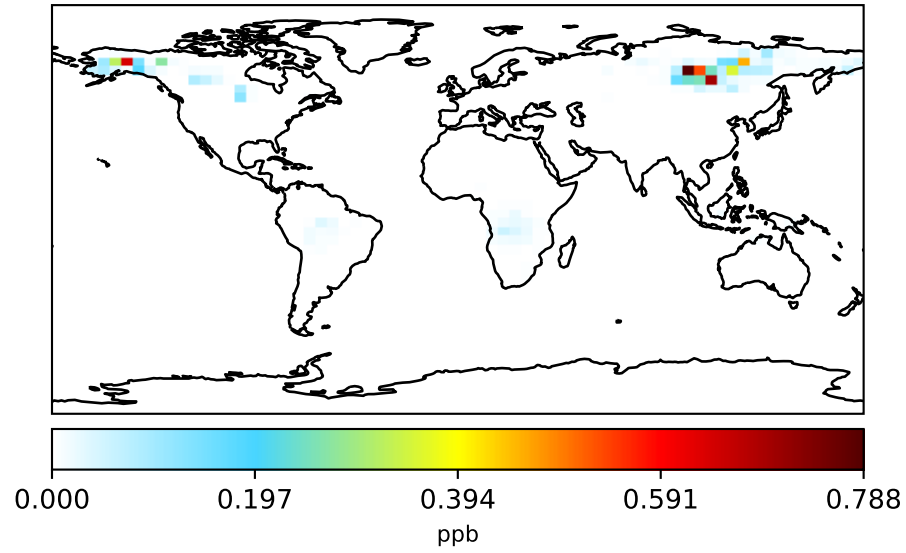
Ratio
Dev/Ref, Fixed Range



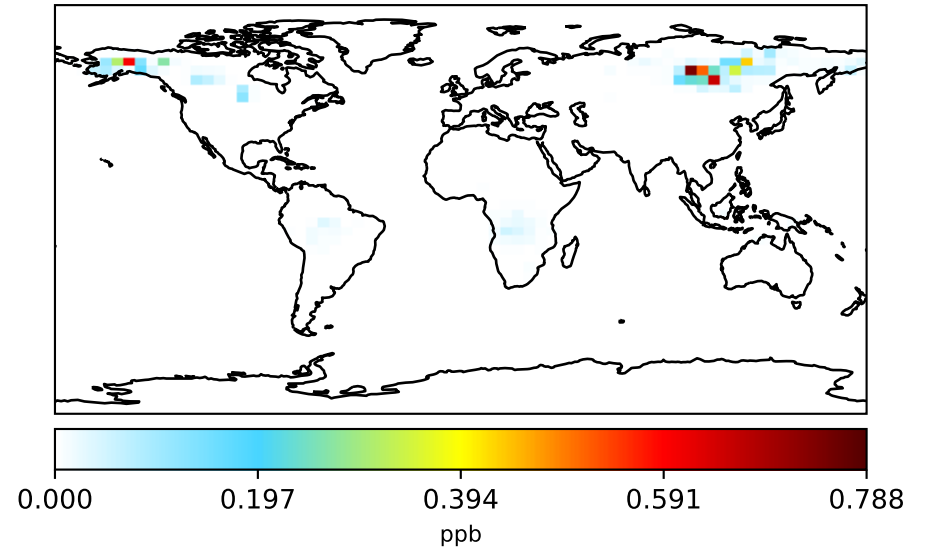
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_PHEN (Jul2019)

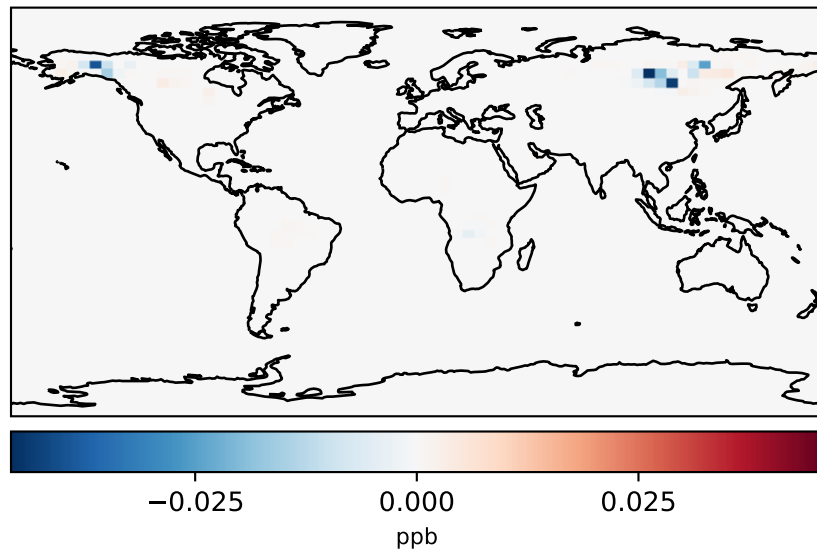
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



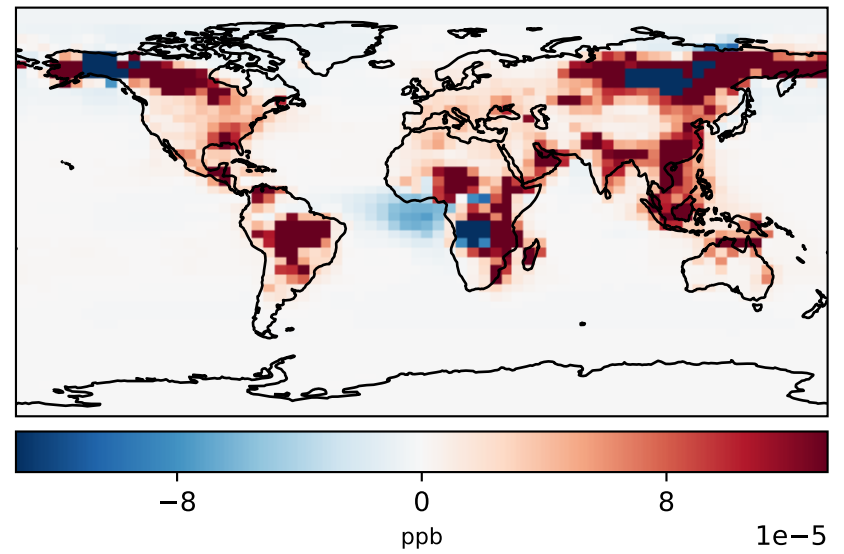
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



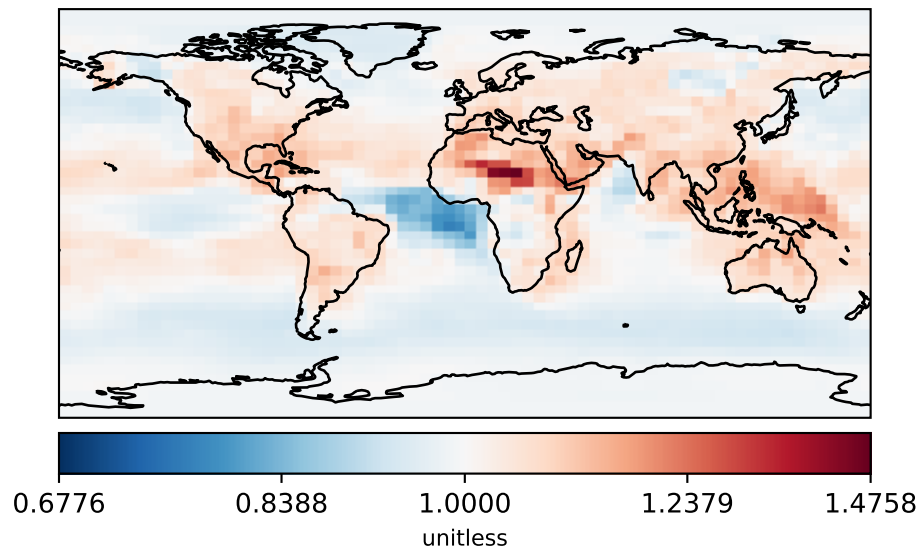
Difference
Dev - Ref, Dynamic Range



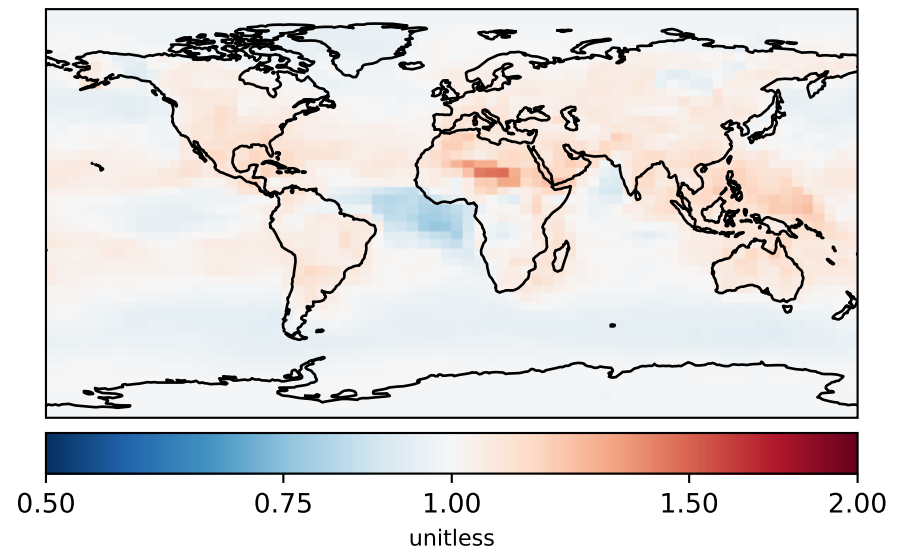
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

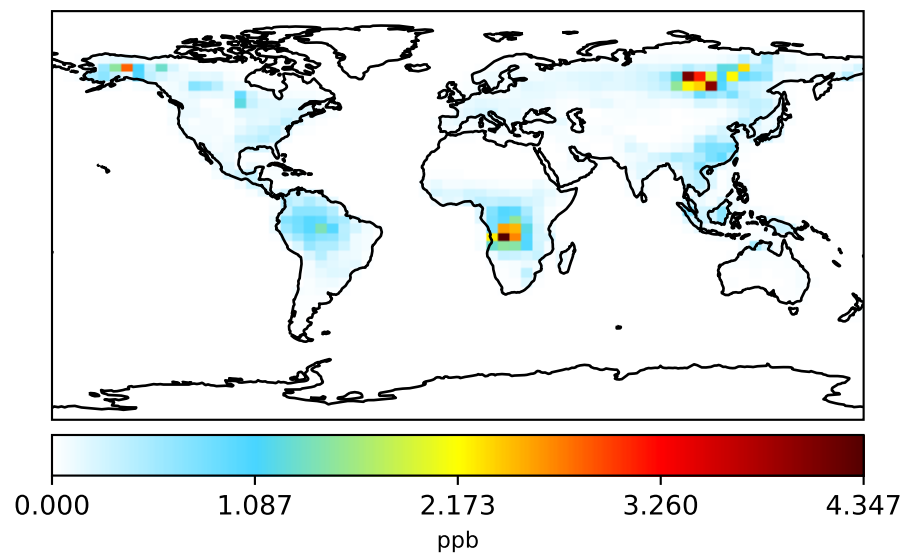


Ratio
Dev/Ref, Fixed Range

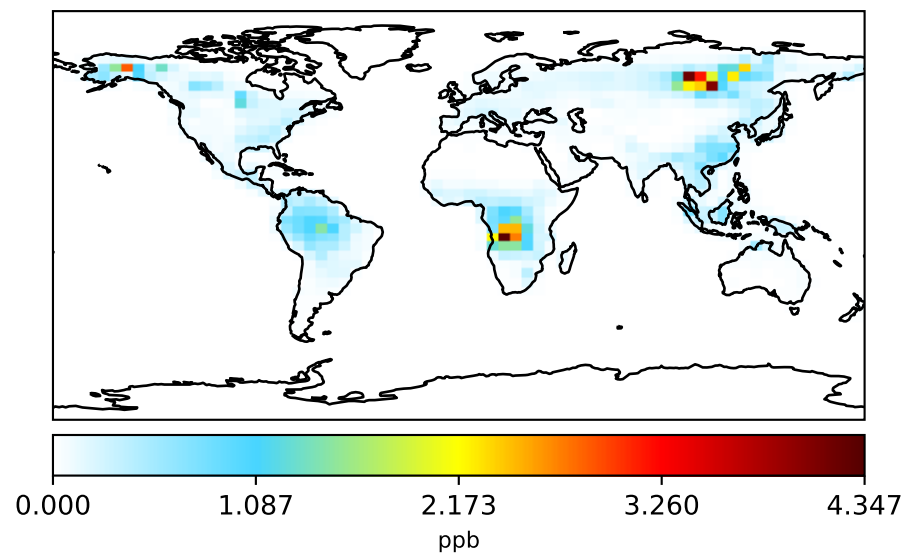


SpeciesConcVV_RCHO (Jul2019)

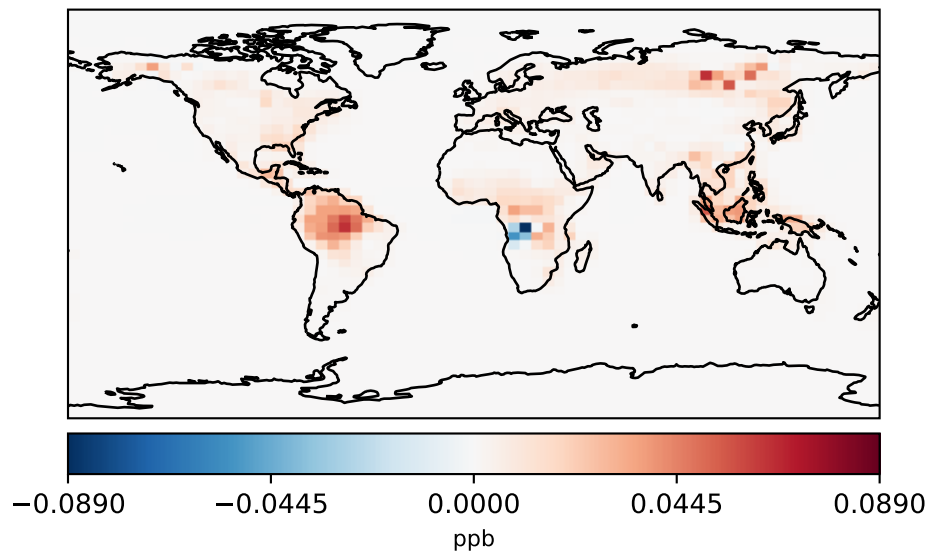
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



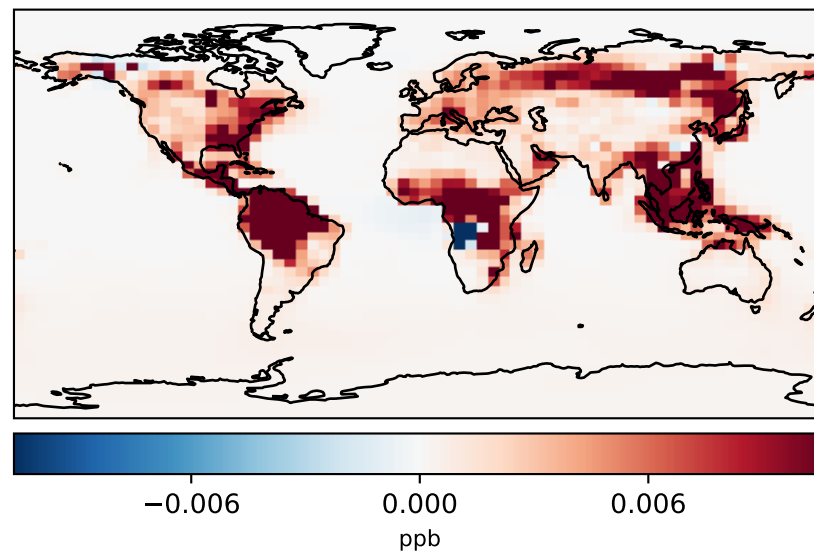
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



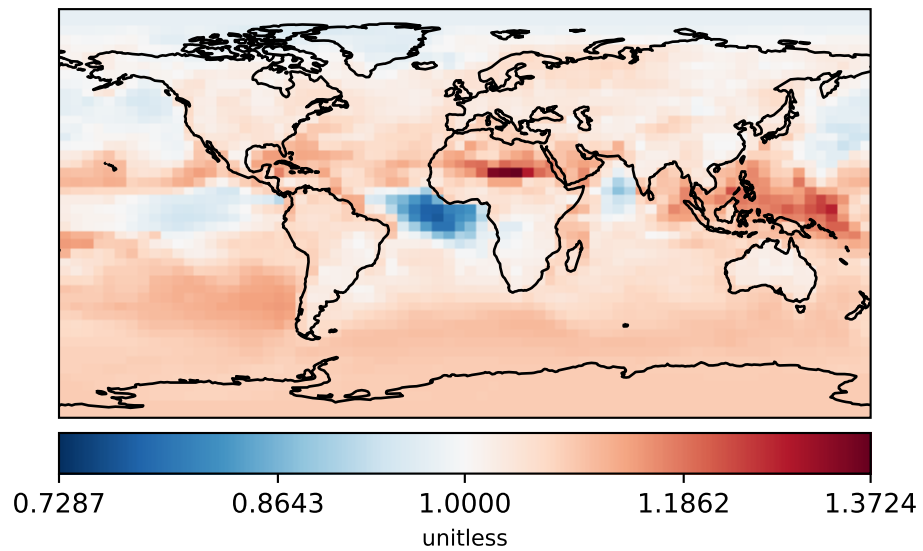
Difference
Dev - Ref, Dynamic Range



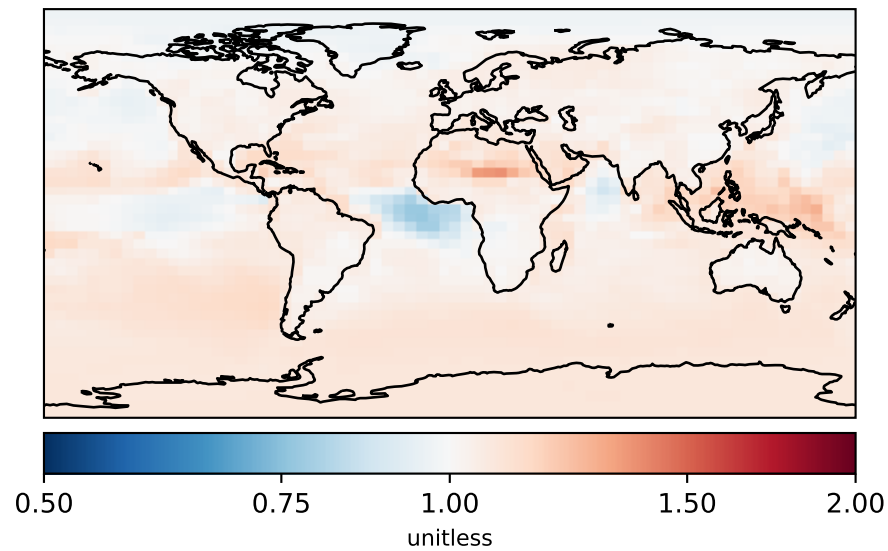
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

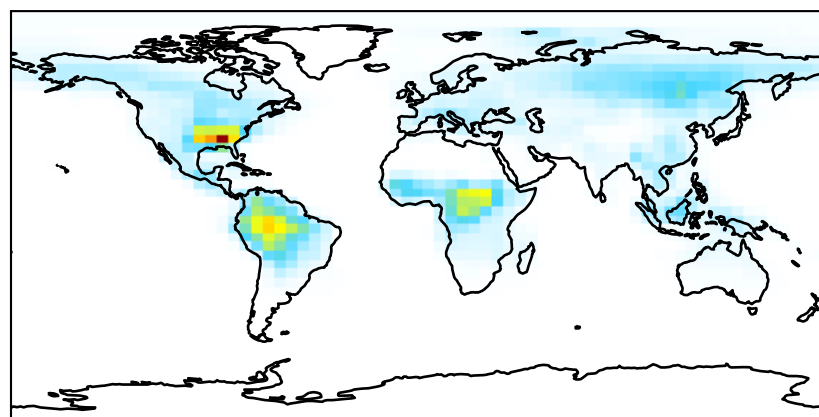


Ratio
Dev/Ref, Fixed Range



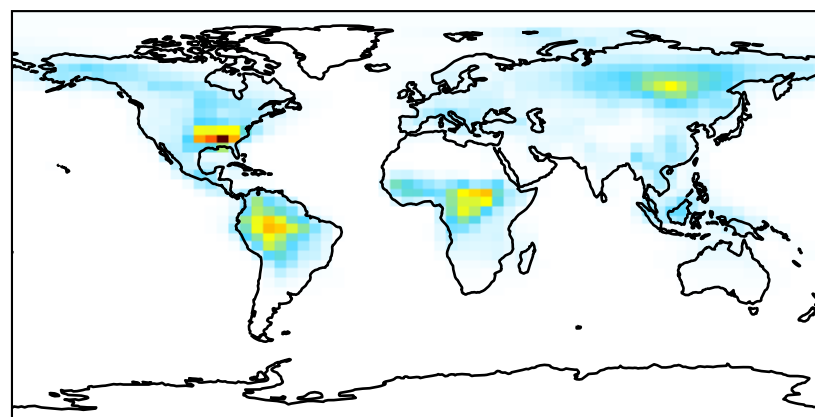
SpeciesConcVV_ETHP (Jul2019)

gcc-14.3.0-rc.0 (Ref)
4.0x5.0



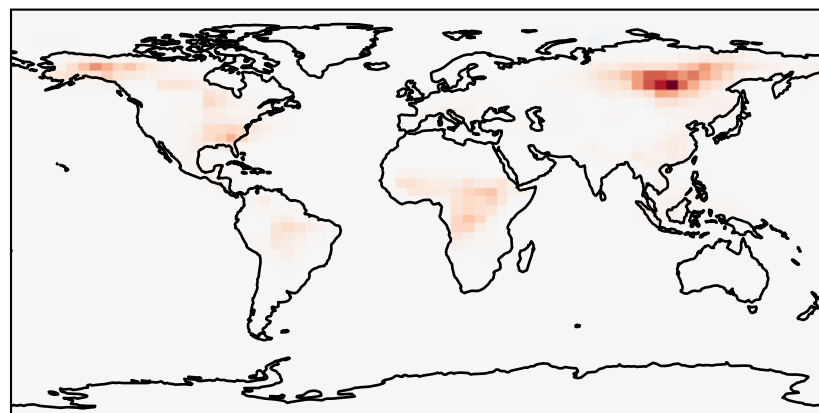
0.0000 0.0843 0.1686 0.2528 0.3371
ppb

gcc-14.4.0-rc.0 (Dev)
4.0x5.0



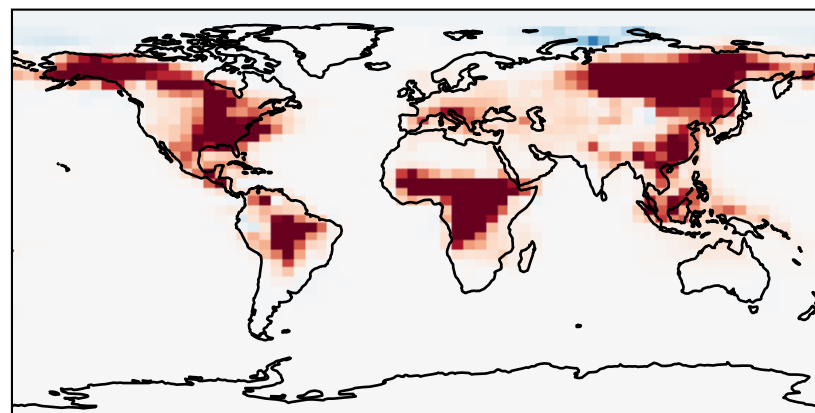
0.0000 0.0843 0.1686 0.2528 0.3371
ppb

Difference
Dev - Ref, Dynamic Range



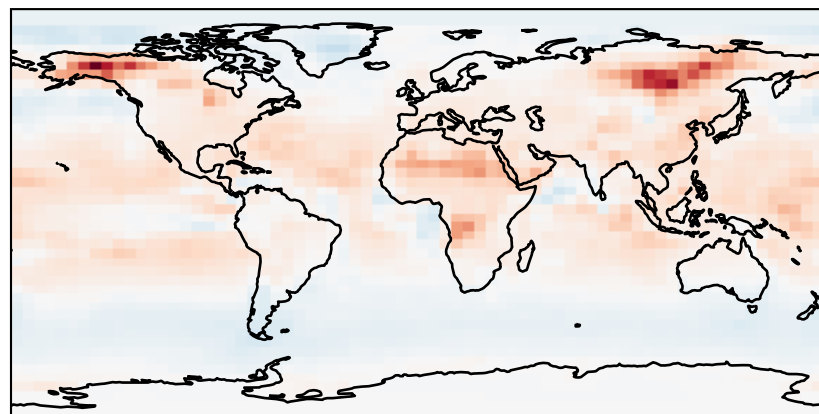
-0.0850 -0.0425 0.0000 0.0425 0.0850
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



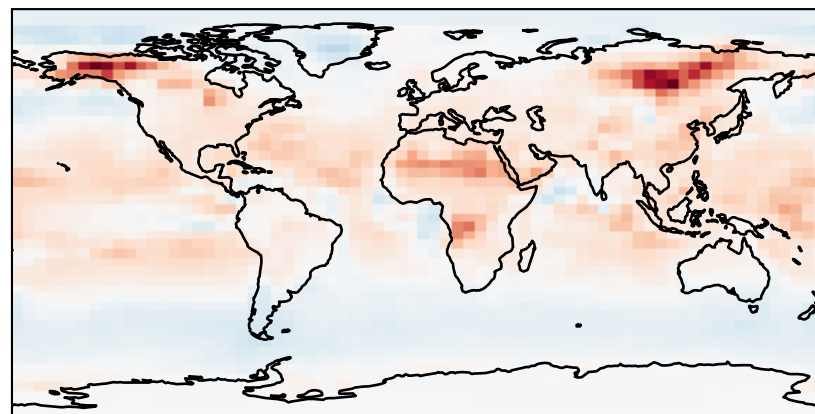
-0.0025 0.0000 0.0025
ppb

Ratio
Dev/Ref, Dynamic Range



0.446 0.723 1.000 1.621 2.241
unitless

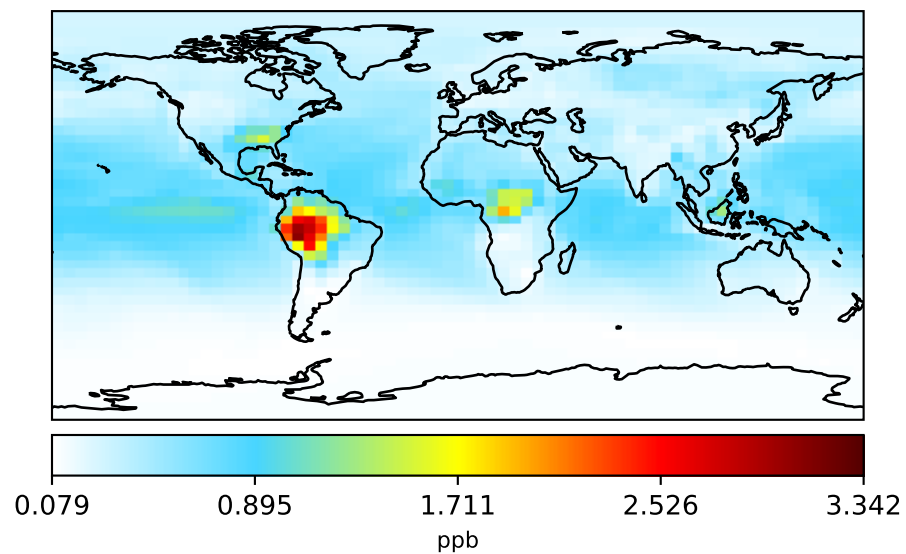
Ratio
Dev/Ref, Fixed Range



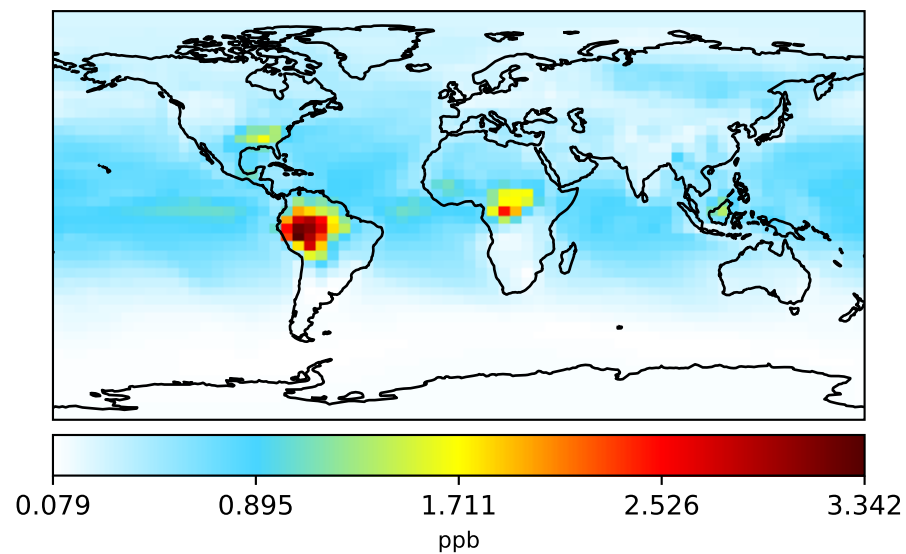
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MP (Jul2019)

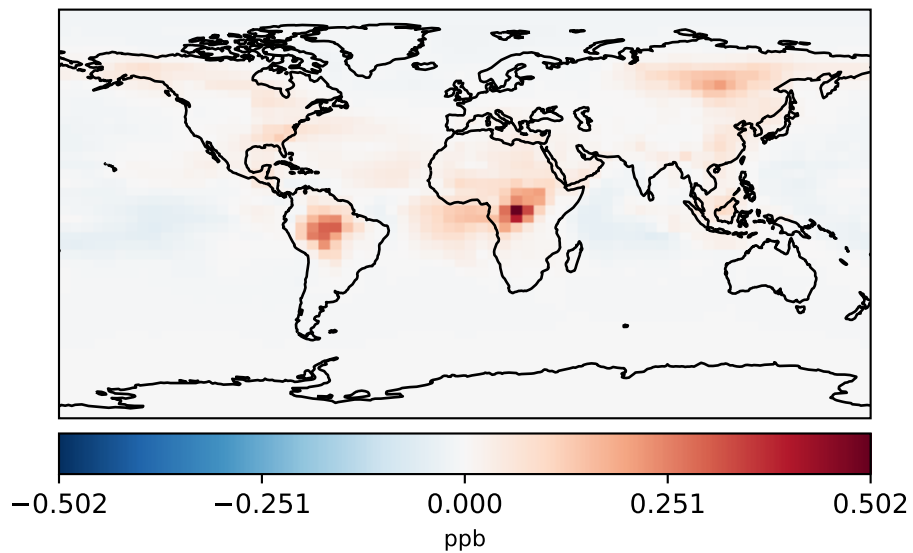
gcc-14.3.0-rc.0 (Ref)
4.0x5.0



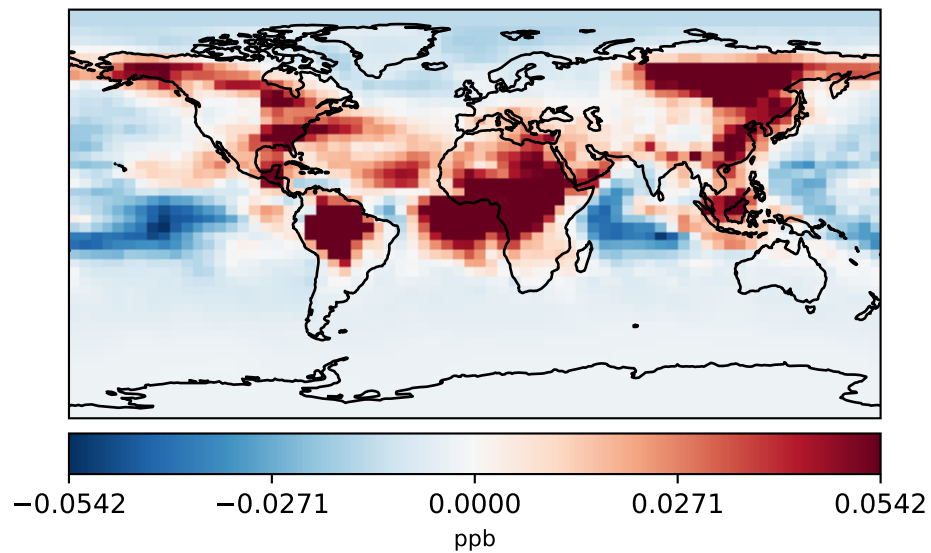
gcc-14.4.0-rc.0 (Dev)
4.0x5.0



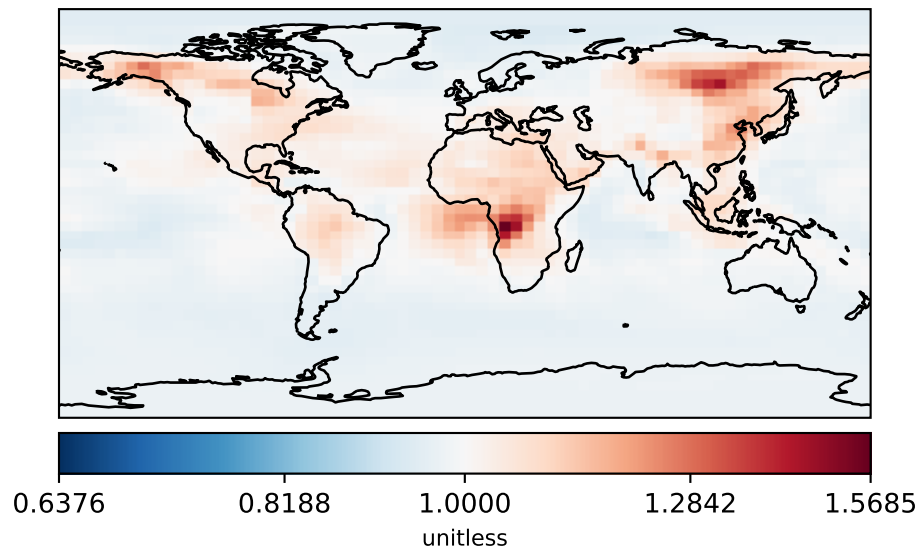
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

