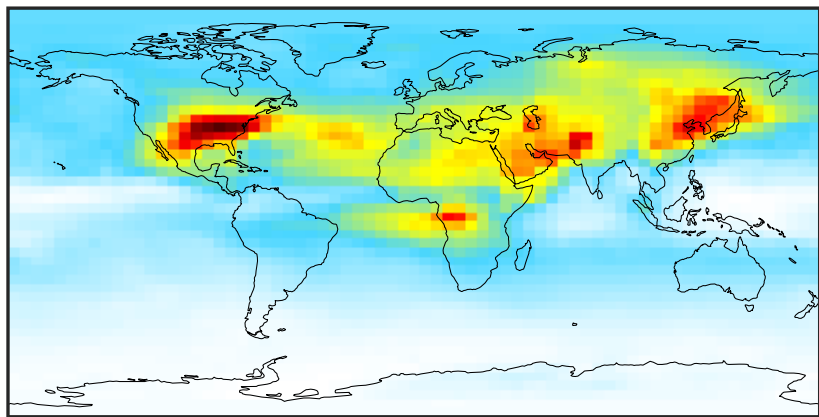


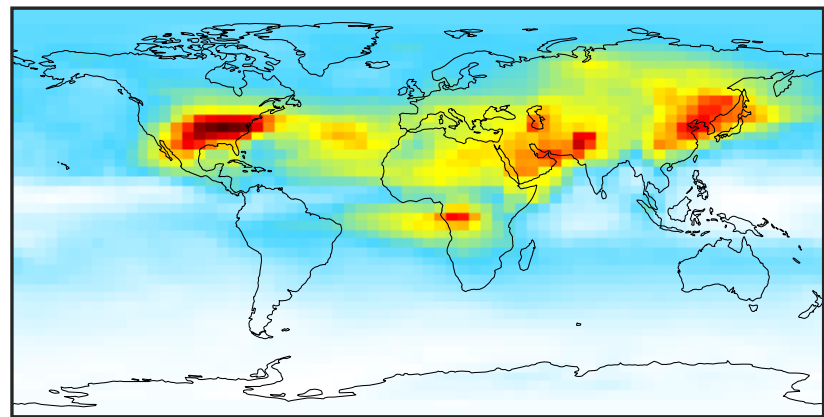
SpeciesConcVV_NOy

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



0.042 0.378 0.713 1.048 1.383
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



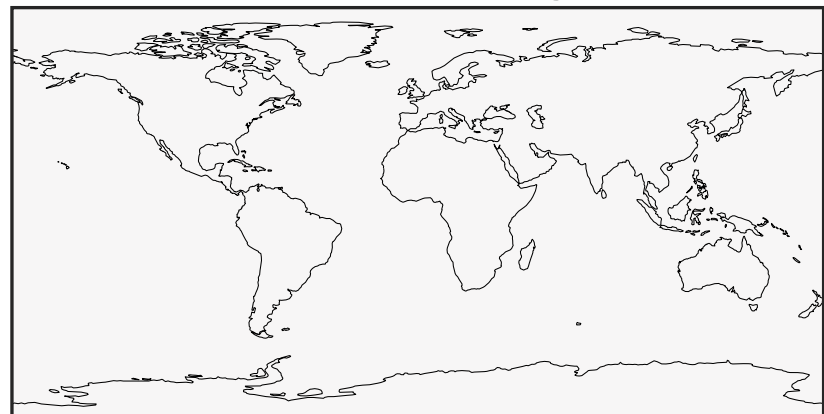
0.042 0.378 0.713 1.048 1.383
ppb

Difference
Dev - Ref, Dynamic Range



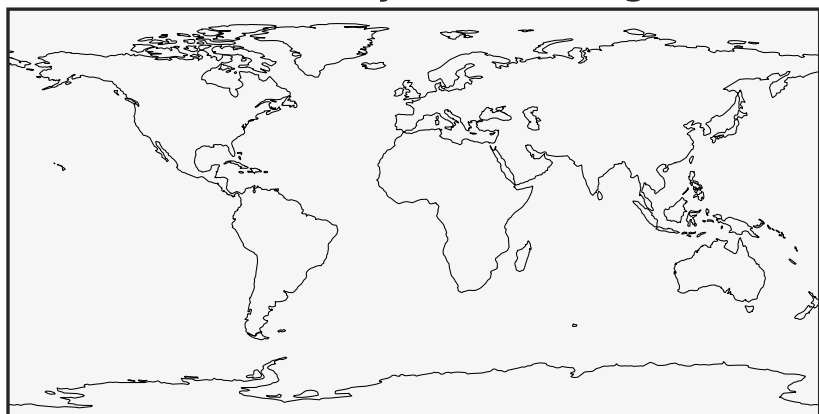
Zero throughout domain
ppb

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



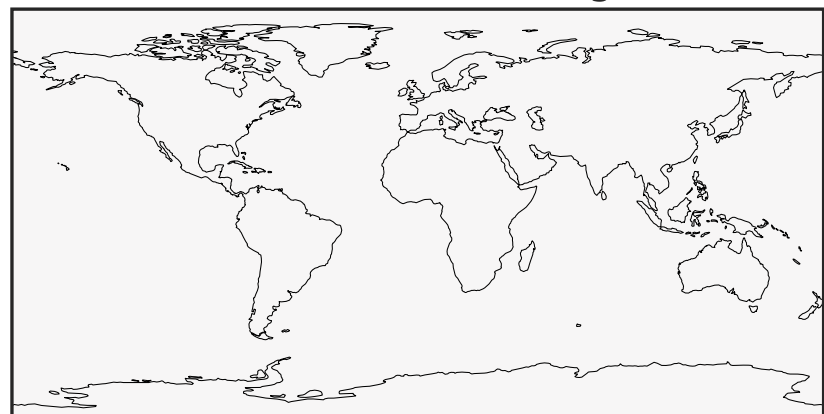
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

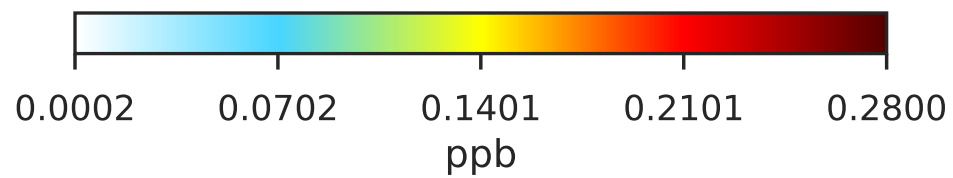
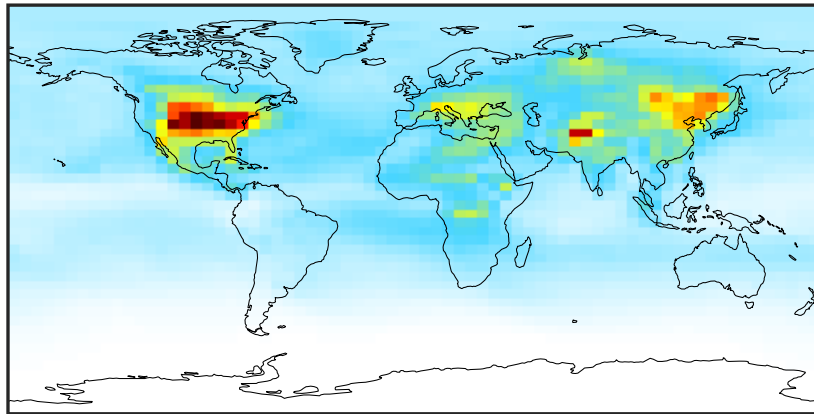
Ratio
Dev/Ref, Fixed Range



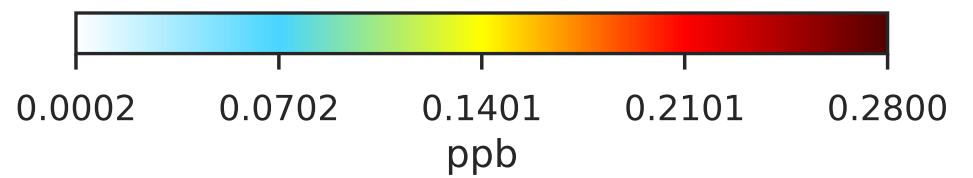
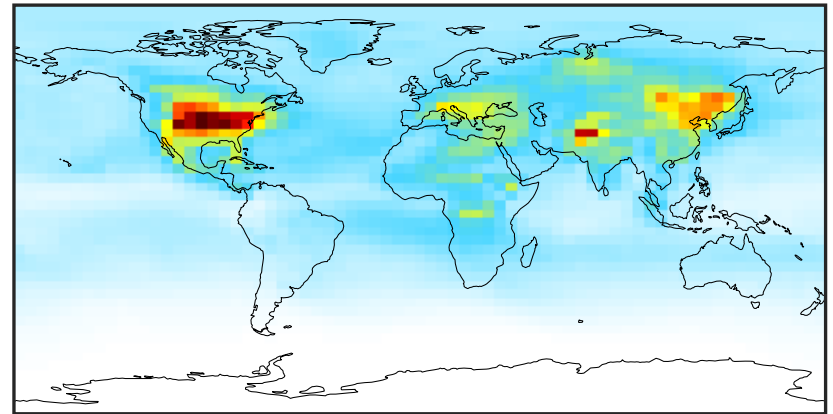
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NOx

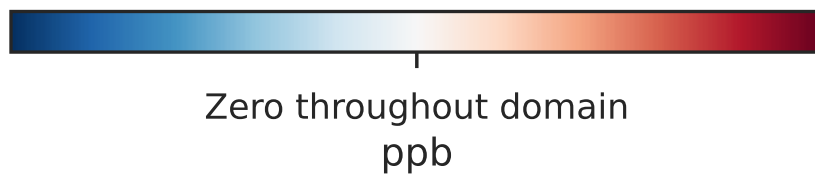
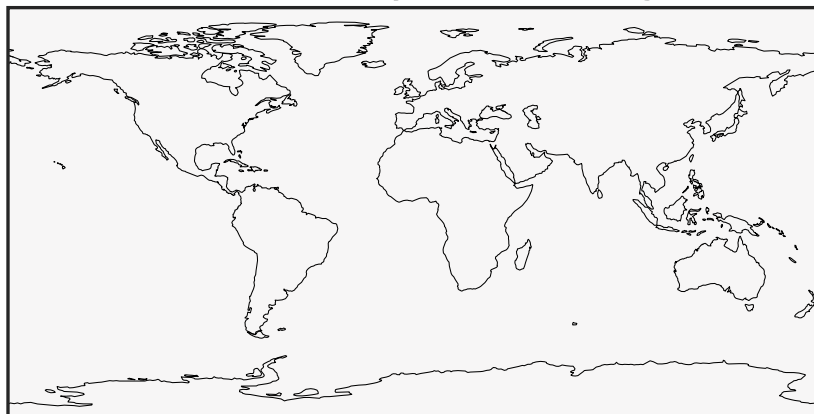
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



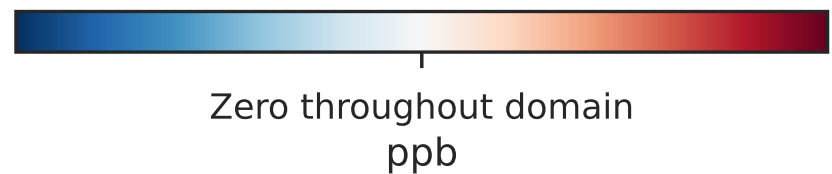
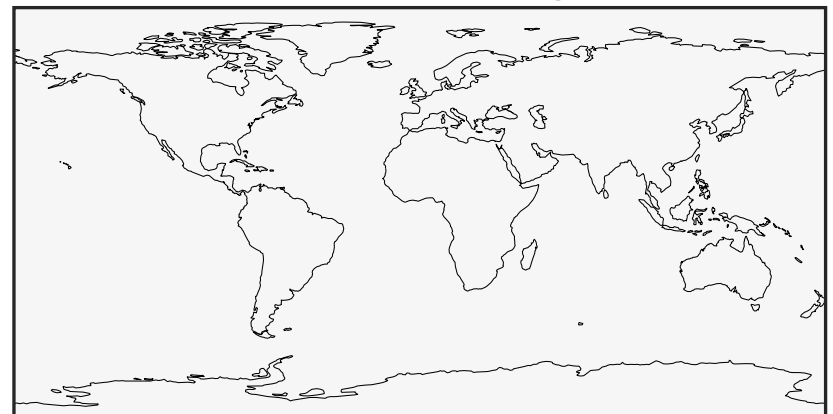
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



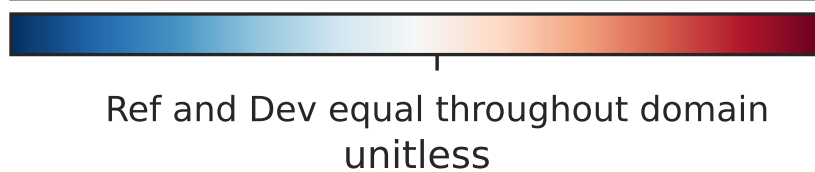
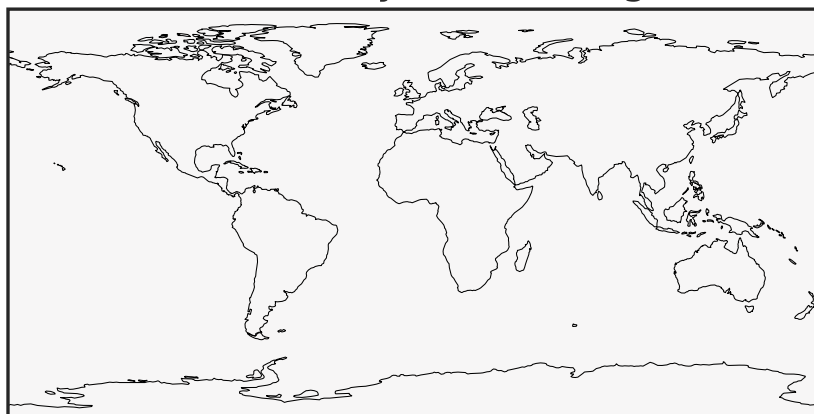
Difference
Dev - Ref, Dynamic Range



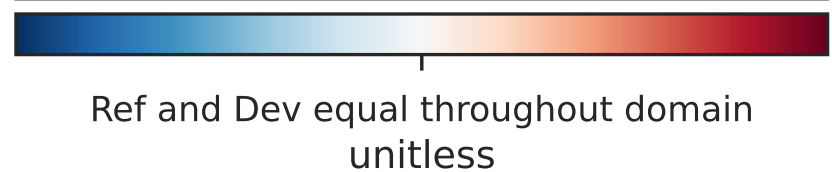
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

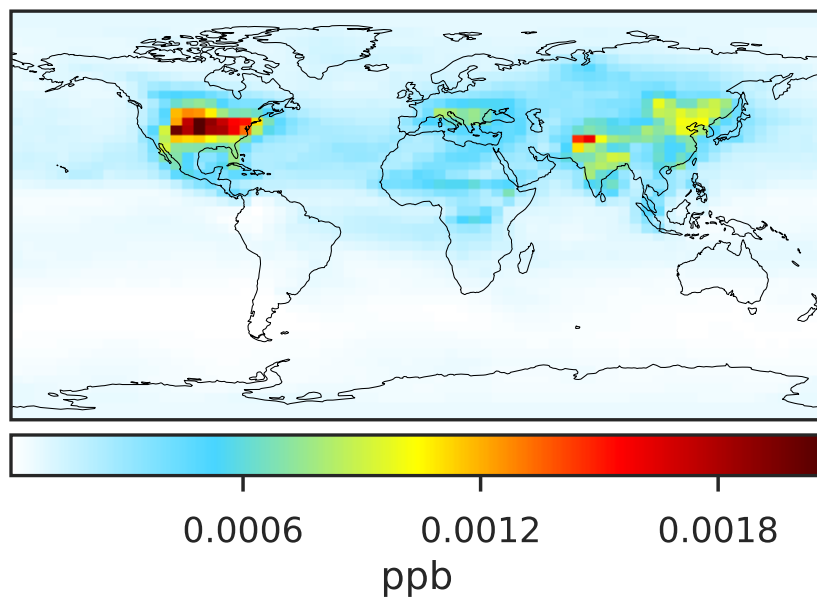


Ratio
Dev/Ref, Fixed Range

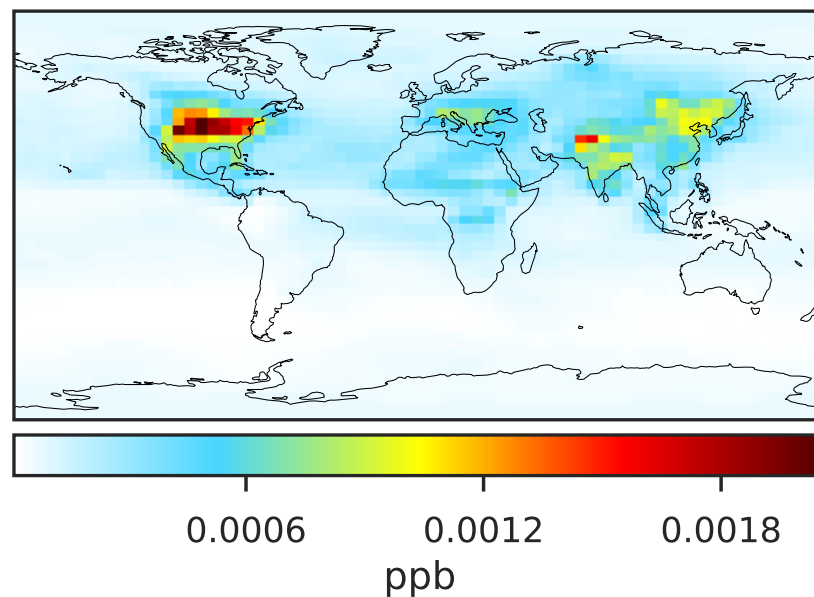


SpeciesConcVV_HNO2

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



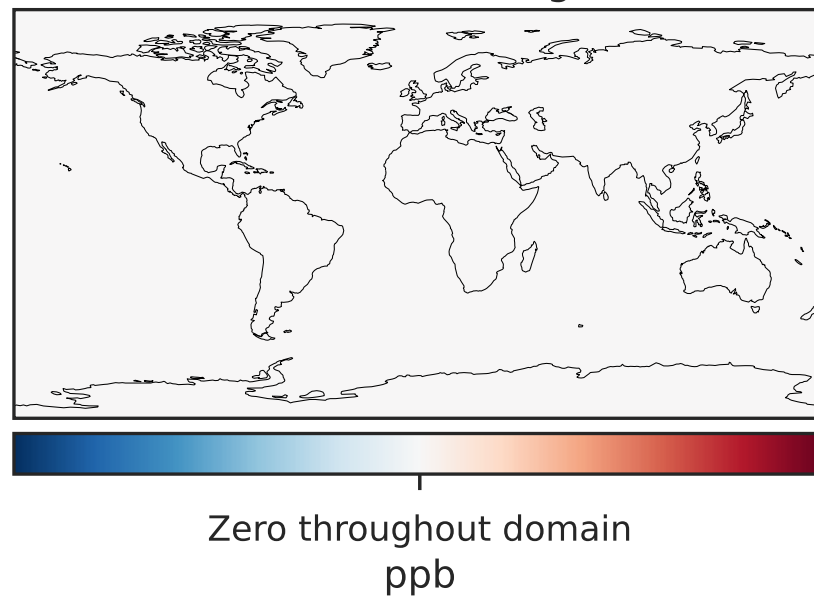
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



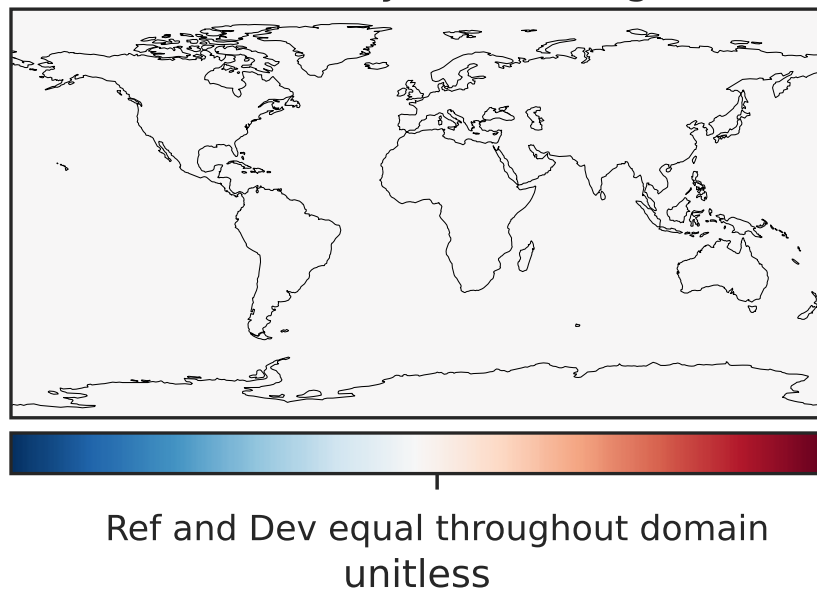
Difference
Dev - Ref, Dynamic Range



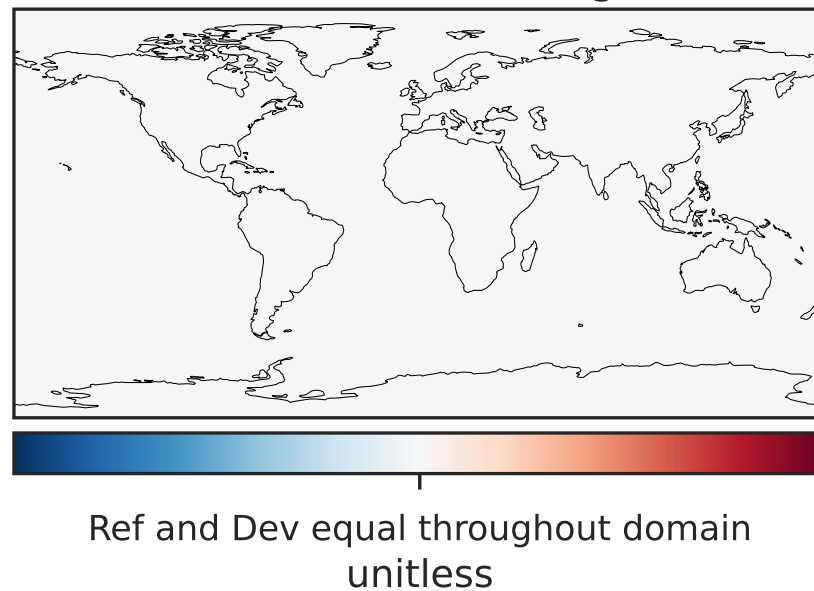
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

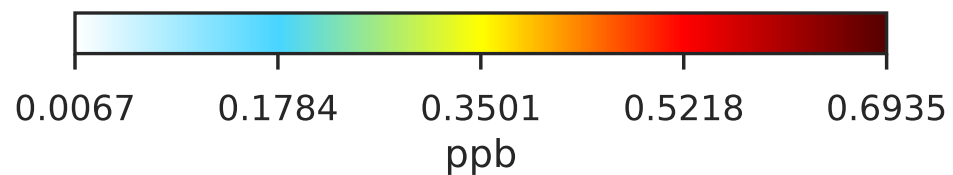
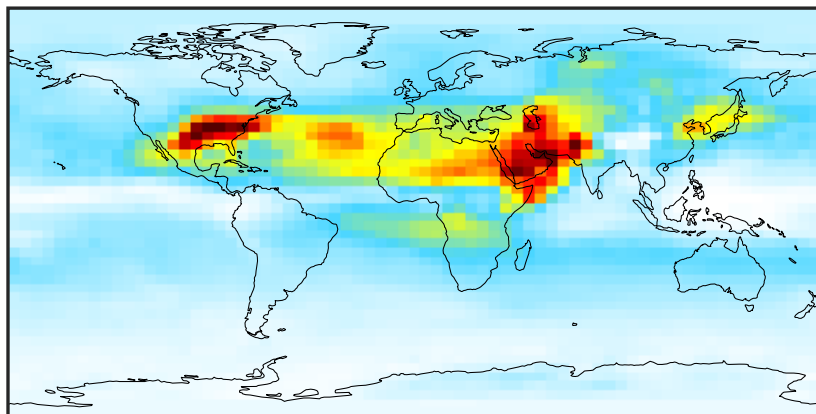


Ratio
Dev/Ref, Fixed Range

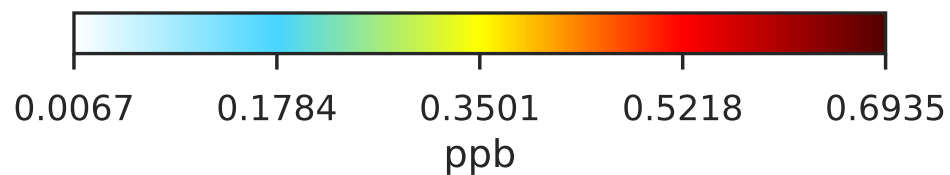
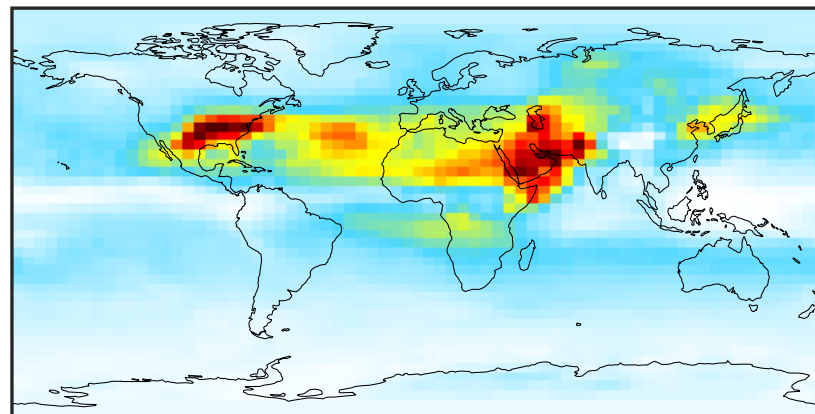


SpeciesConcVV_HNO3

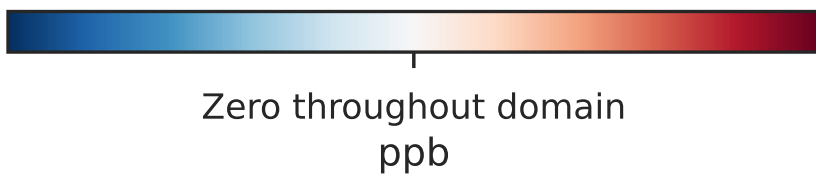
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



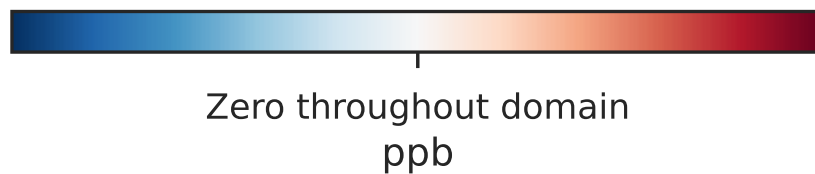
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



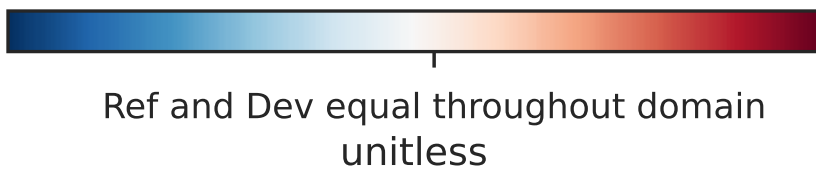
Difference
Dev - Ref, Dynamic Range



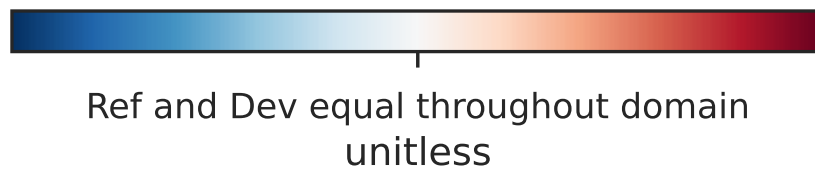
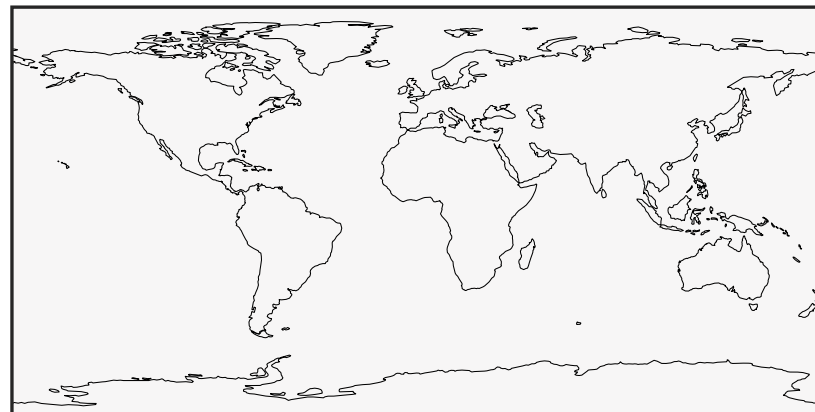
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

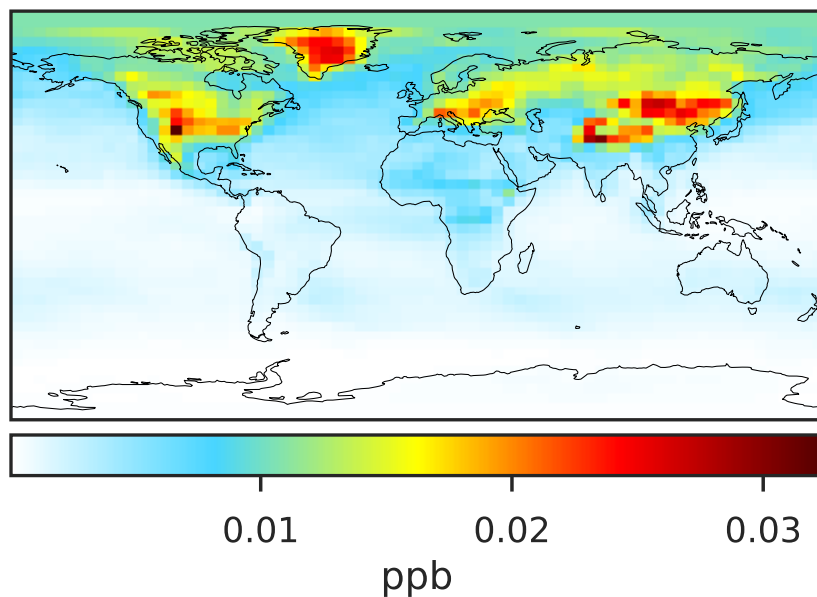


Ratio
Dev/Ref, Fixed Range

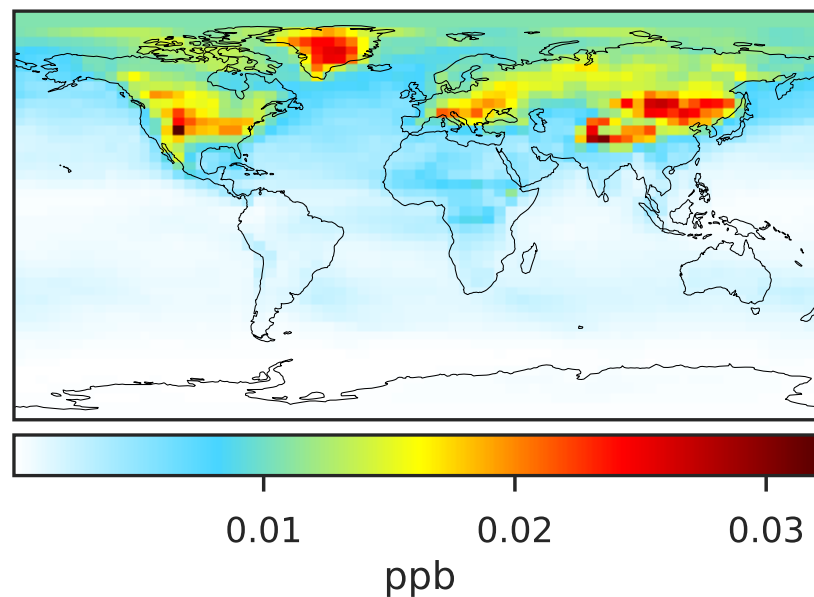


SpeciesConcVV_HNO4

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



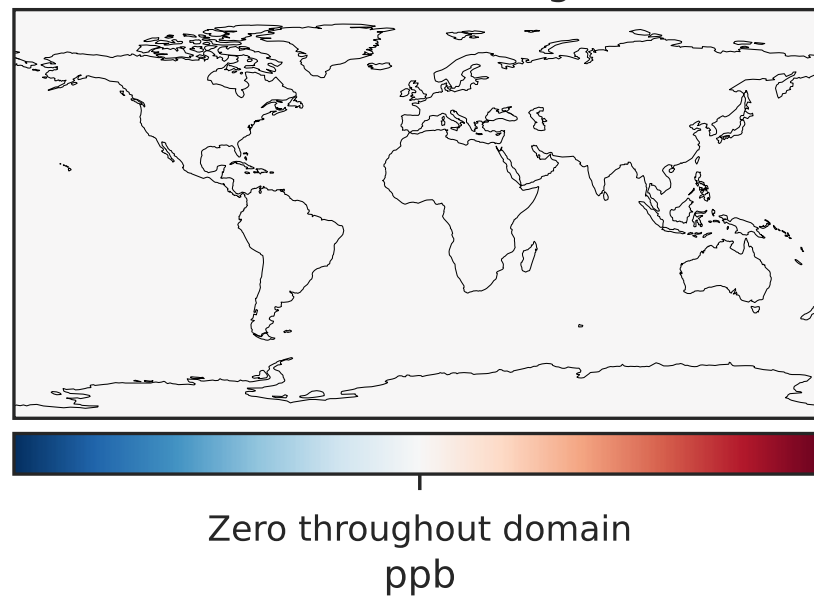
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



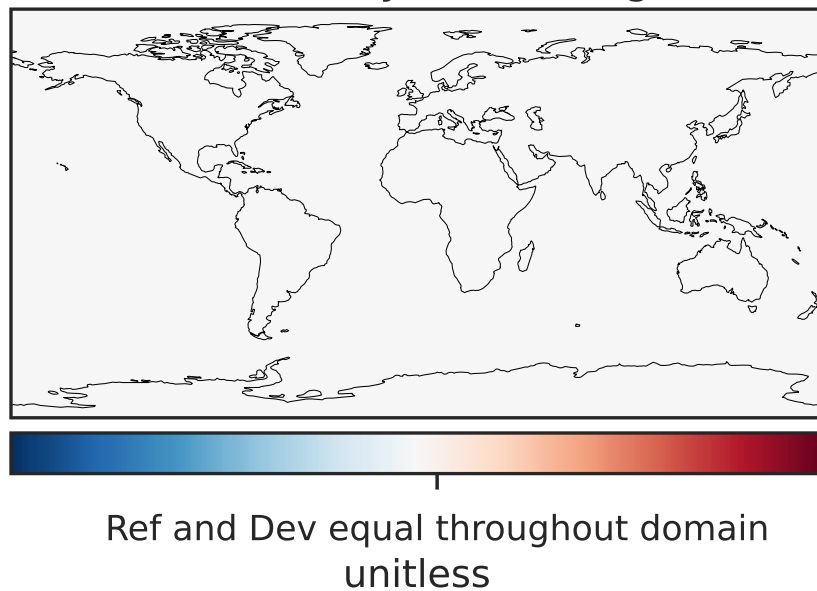
Difference
Dev - Ref, Dynamic Range



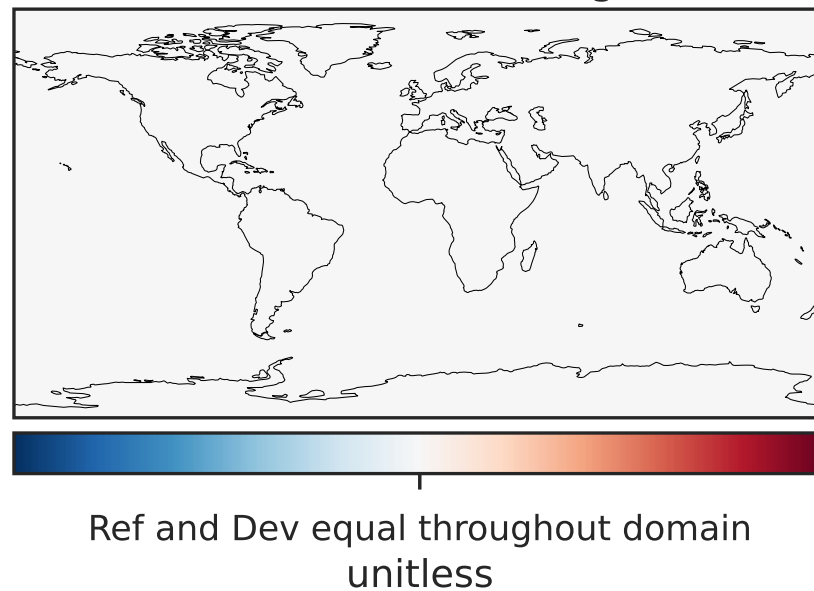
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

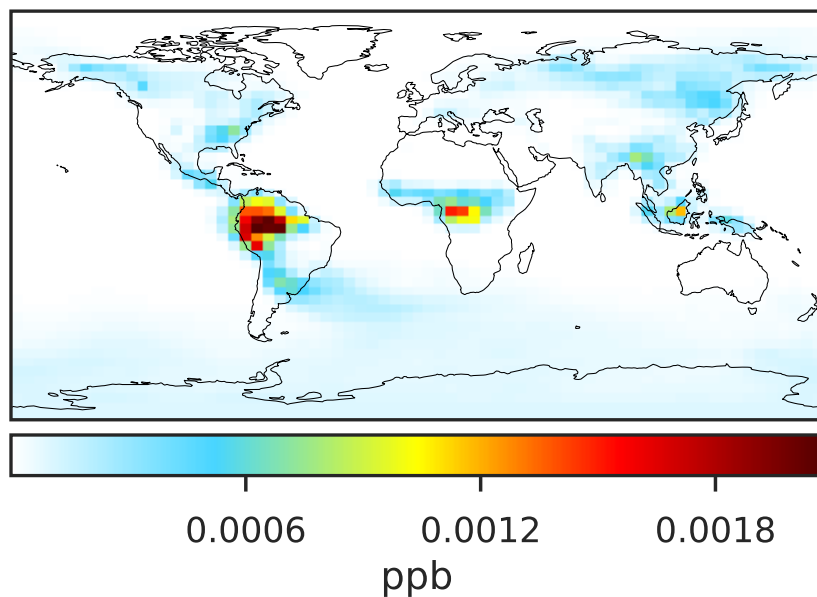


Ratio
Dev/Ref, Fixed Range

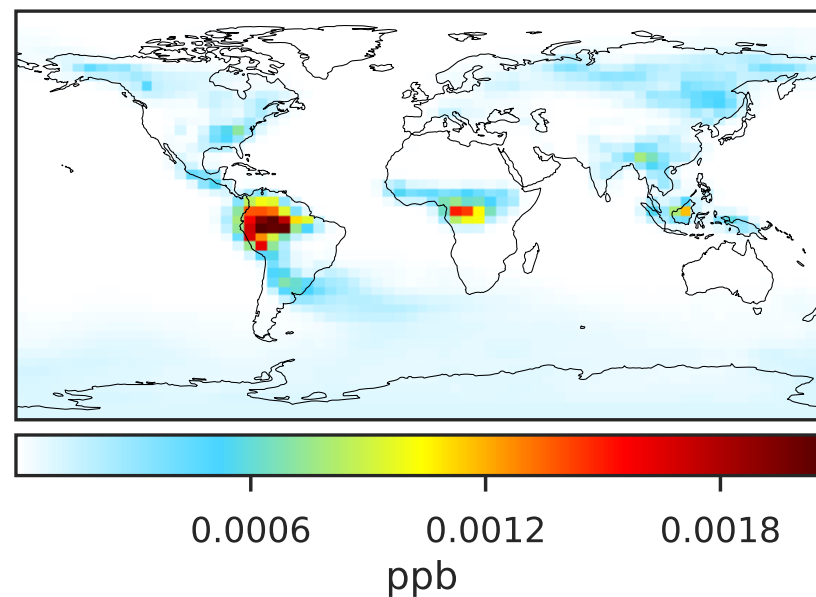


SpeciesConcVV_MPAN

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



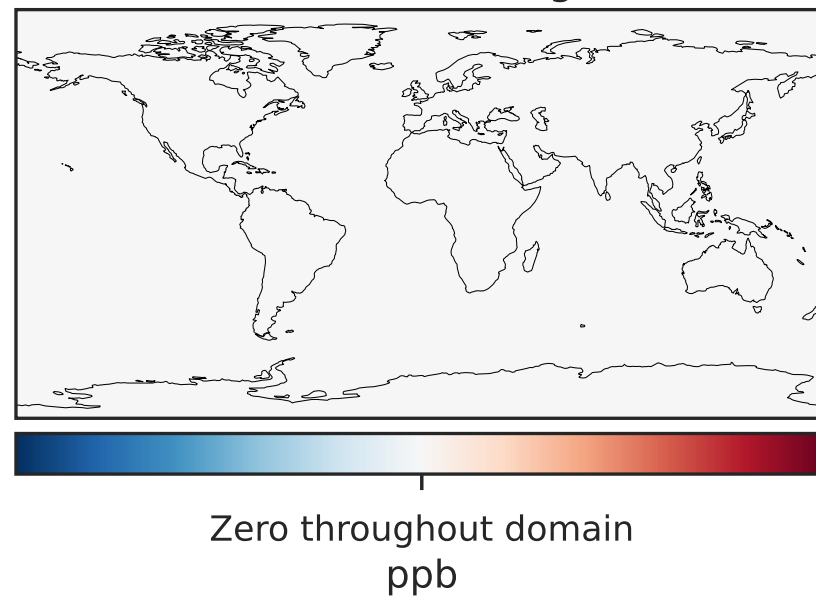
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



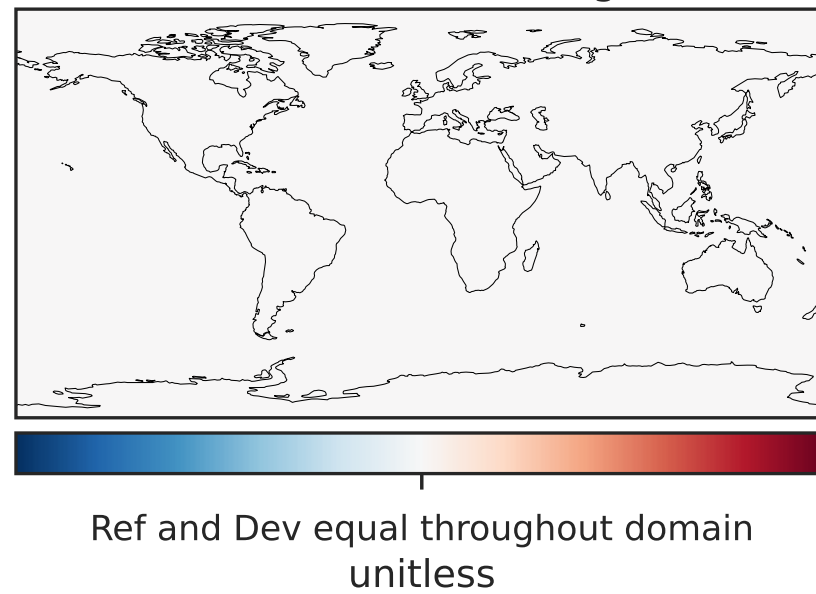
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

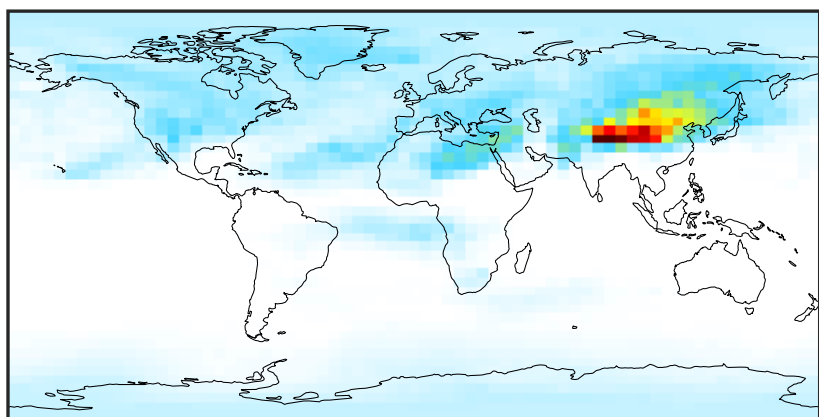


Ratio
Dev/Ref, Fixed Range



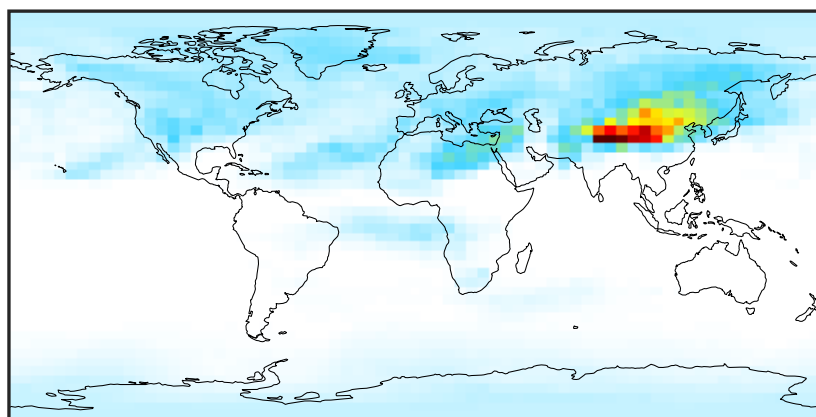
SpeciesConcVV_NIT

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



0.0000 0.0601 0.1201 0.1802 0.2403
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



0.0000 0.0601 0.1201 0.1802 0.2403
ppb

Difference
Dev - Ref, Dynamic Range



Zero throughout domain
ppb

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



Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

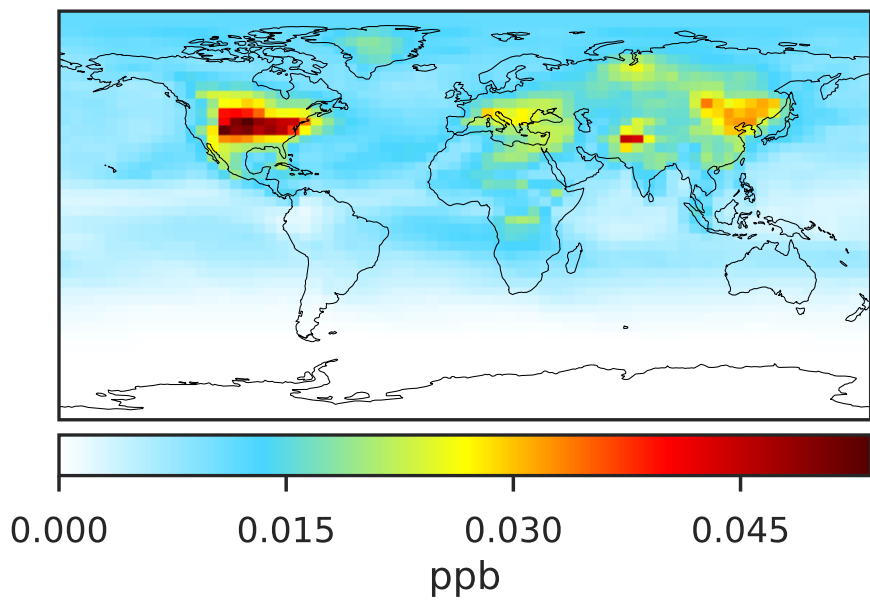
Ratio
Dev/Ref, Fixed Range



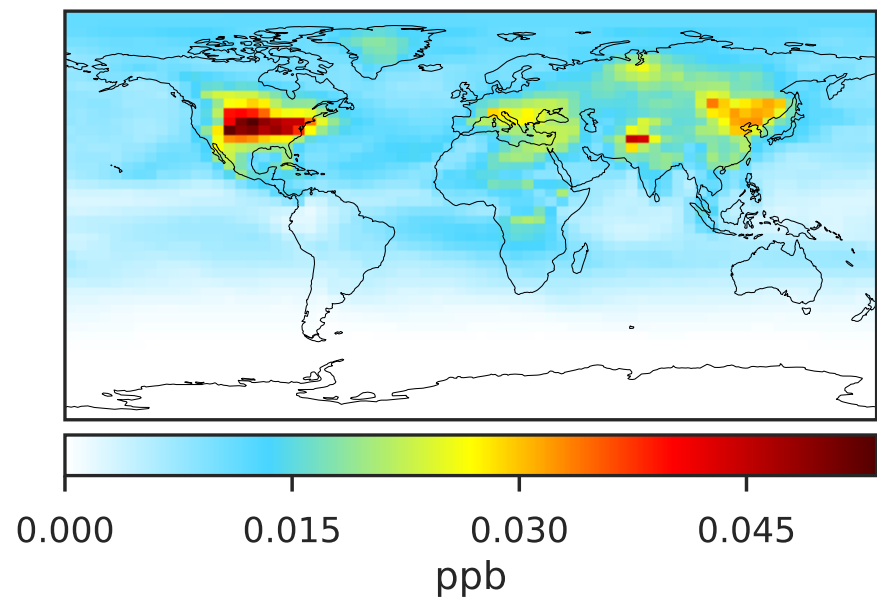
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NO

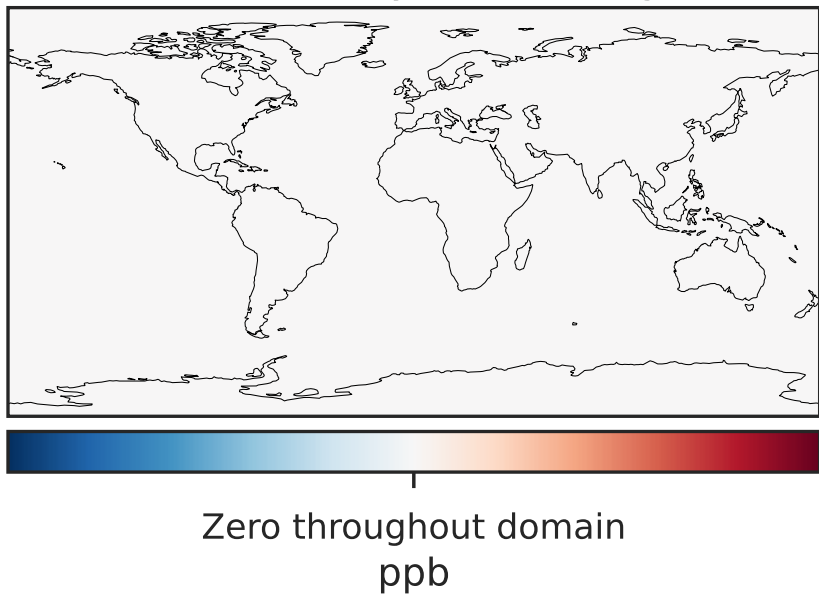
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



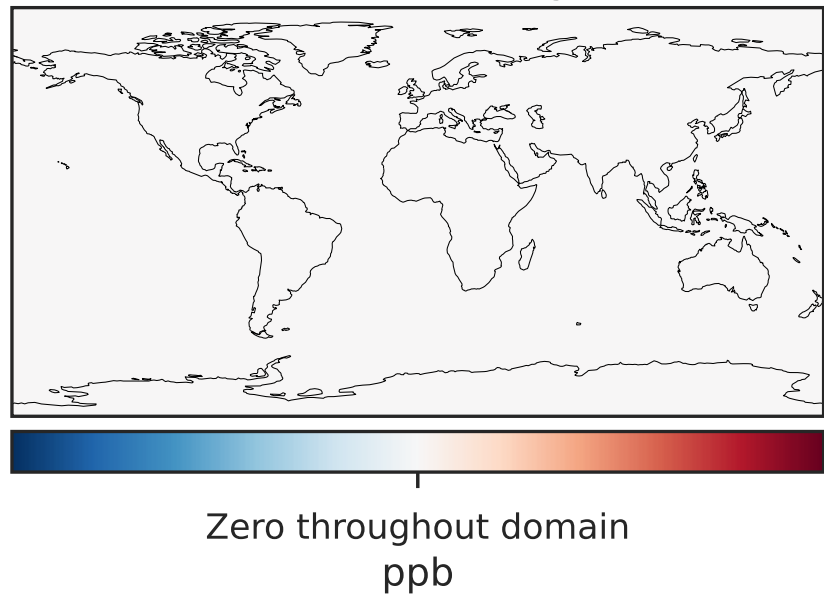
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



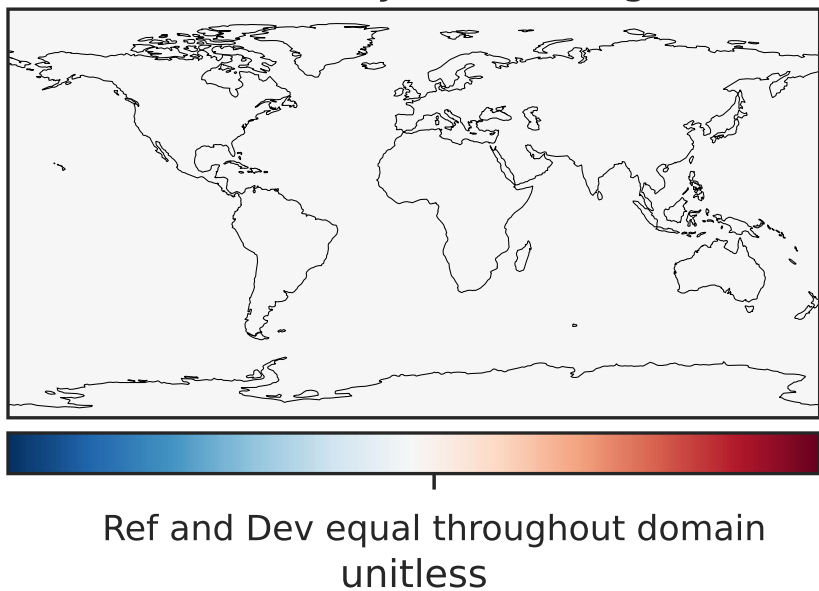
Difference
Dev - Ref, Dynamic Range



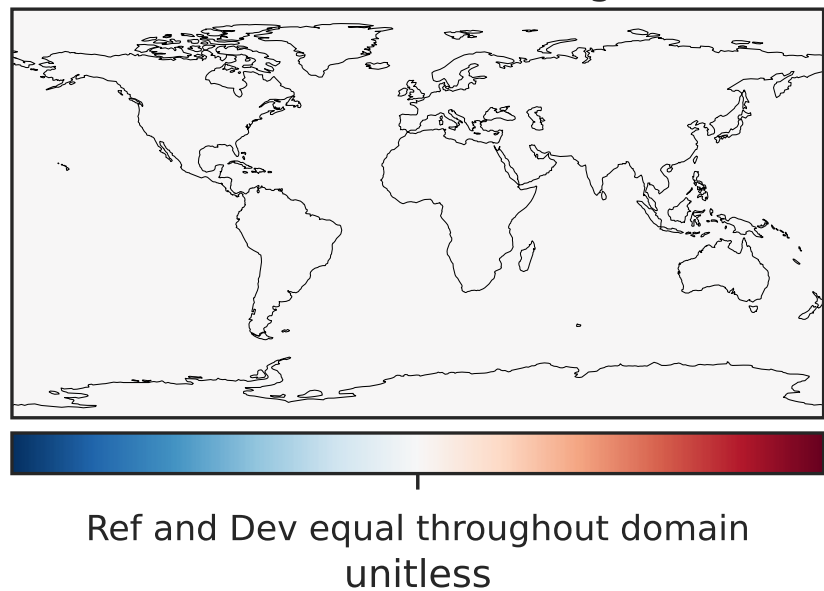
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

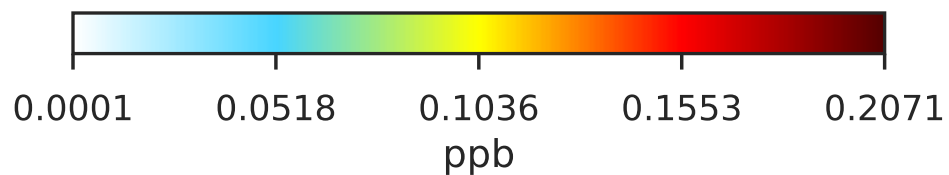
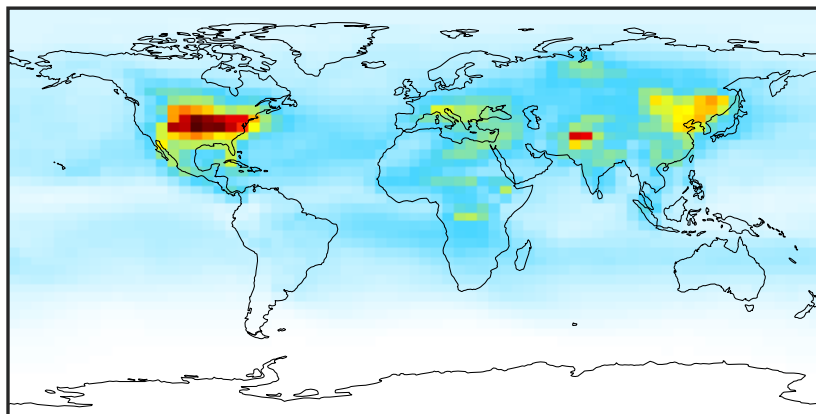


Ratio
Dev/Ref, Fixed Range

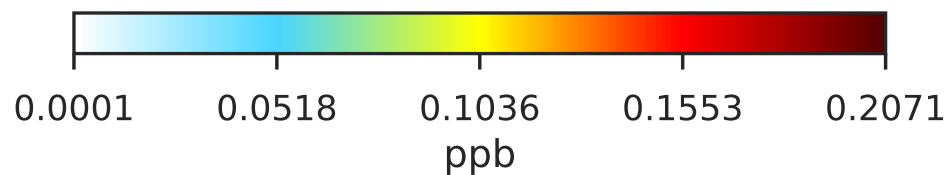
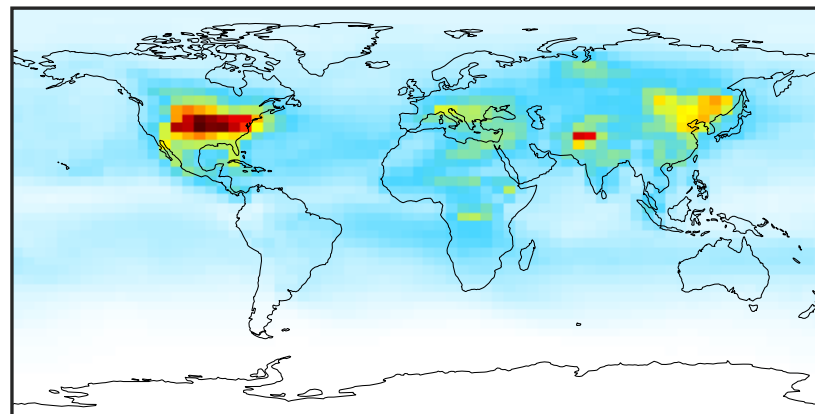


SpeciesConcVV_NO2

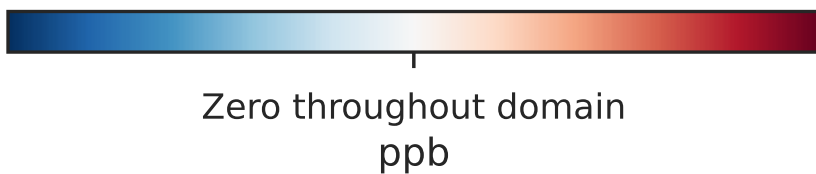
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



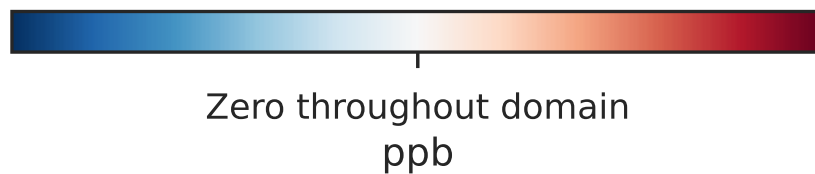
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



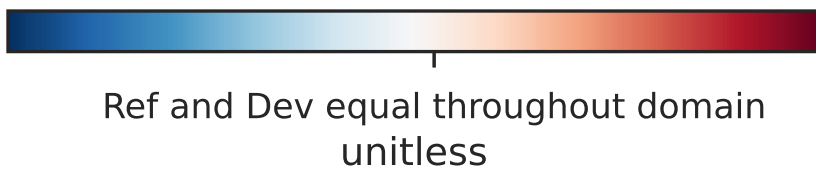
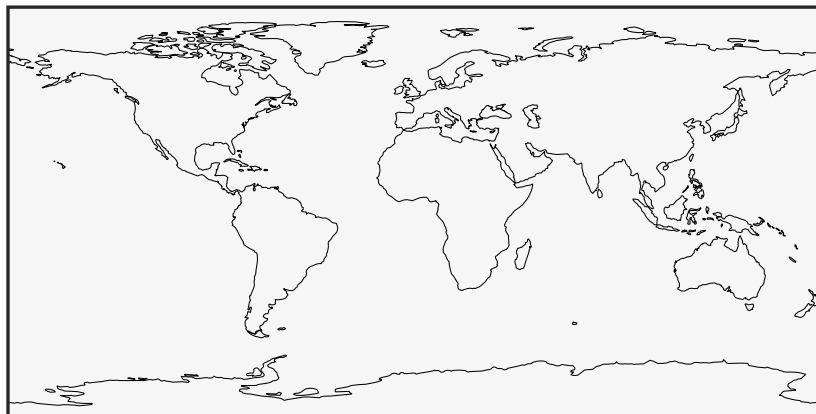
Difference
Dev - Ref, Dynamic Range



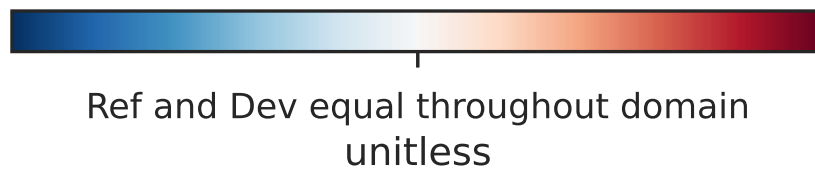
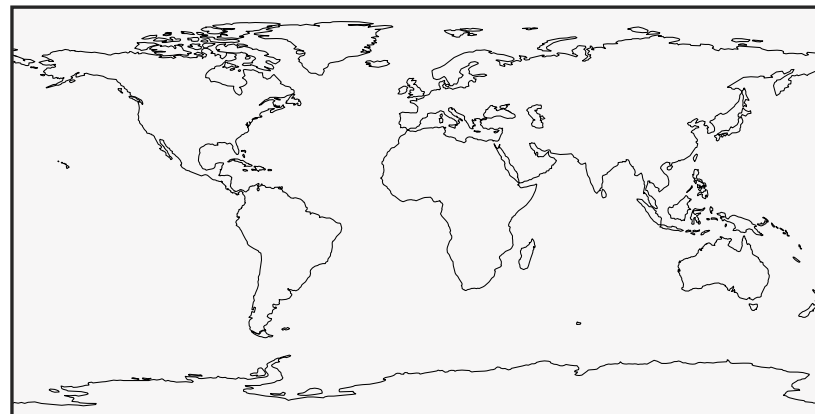
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

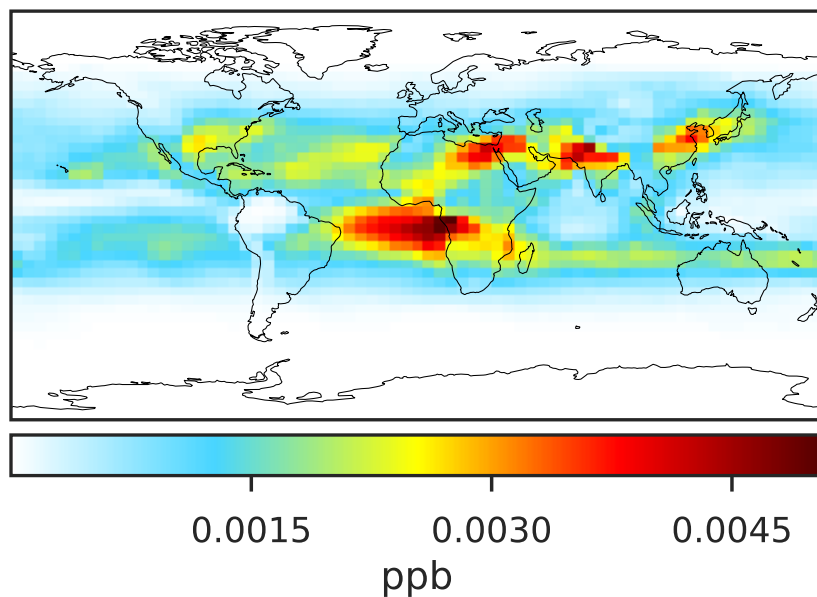


Ratio
Dev/Ref, Fixed Range

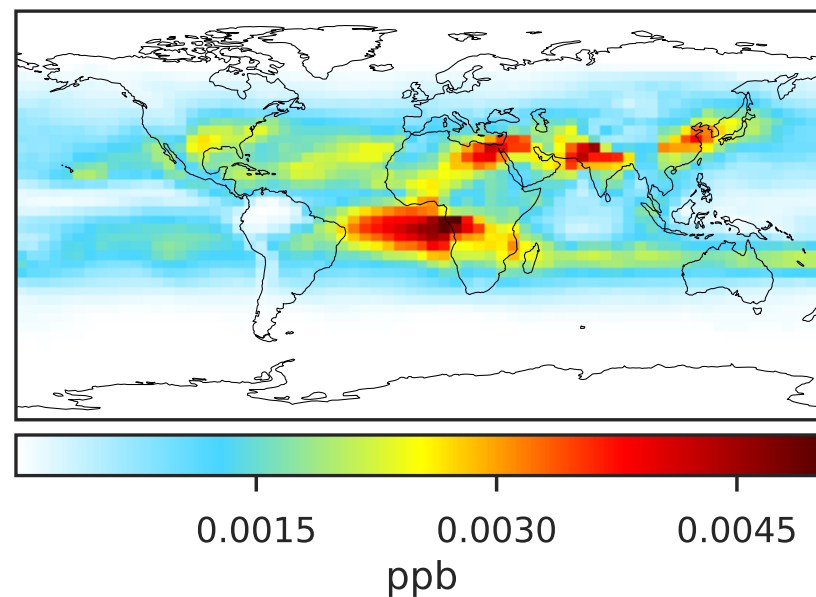


SpeciesConcVV_NO3

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



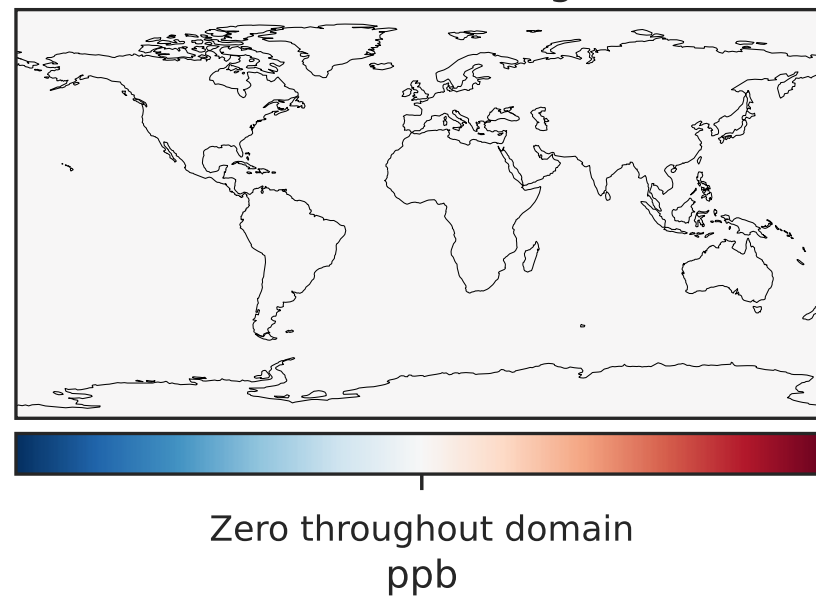
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



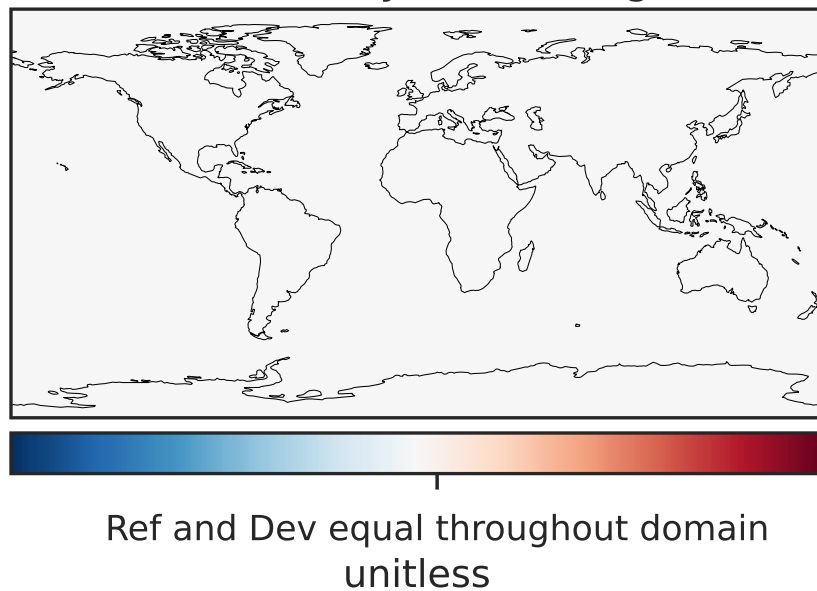
Difference
Dev - Ref, Dynamic Range



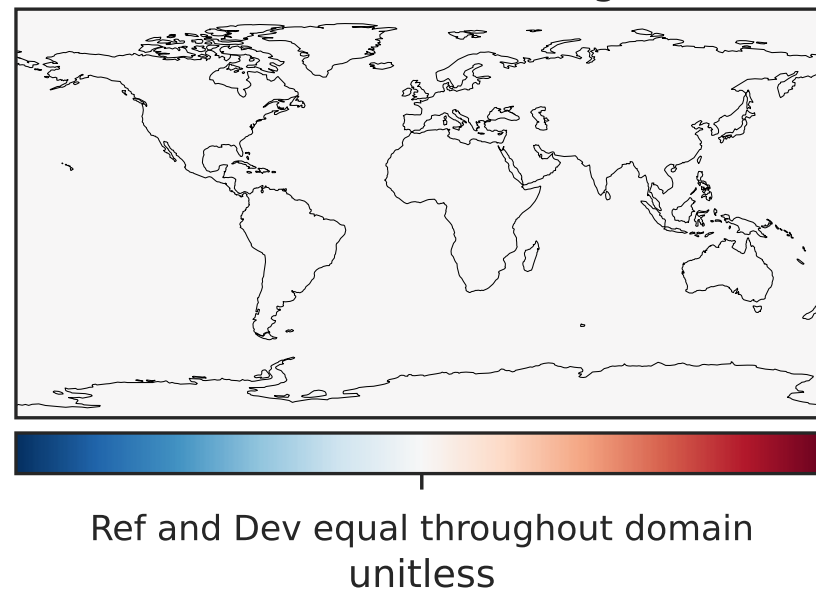
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

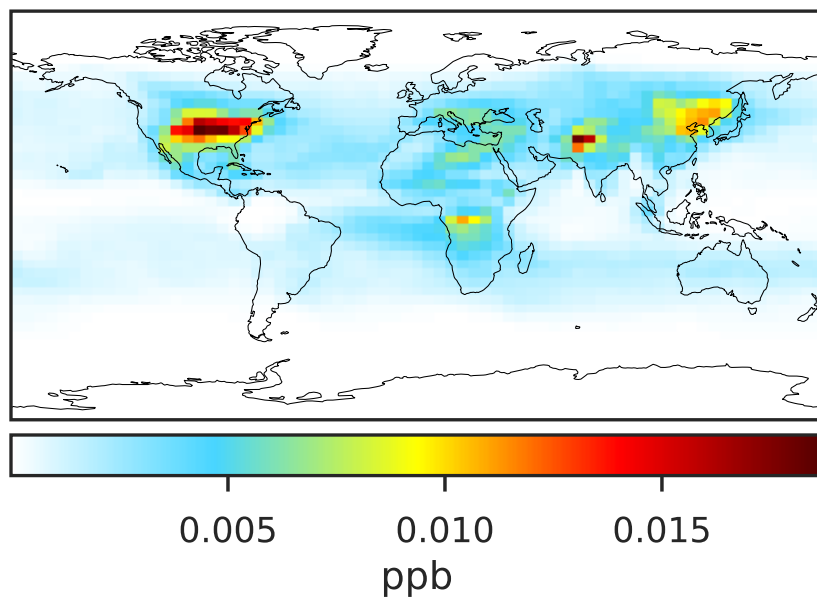


Ratio
Dev/Ref, Fixed Range

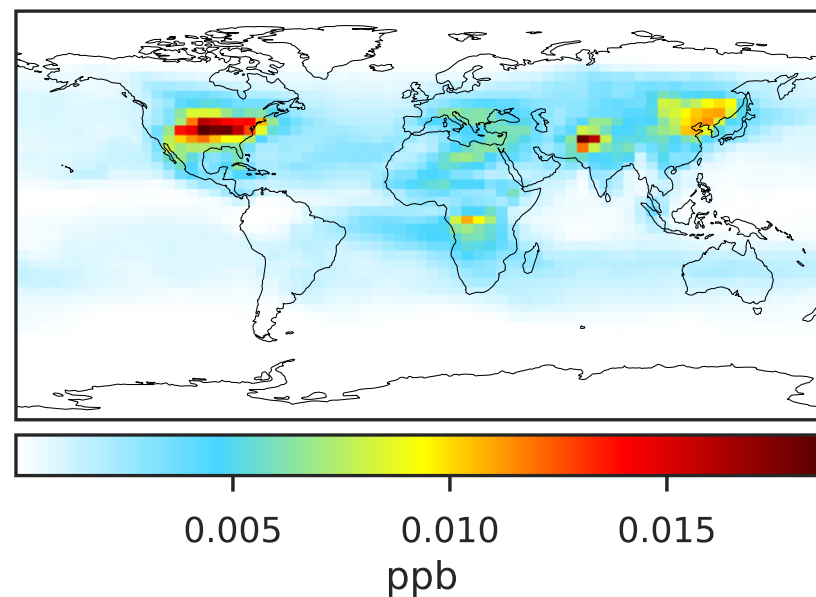


SpeciesConcVV_N2O5

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



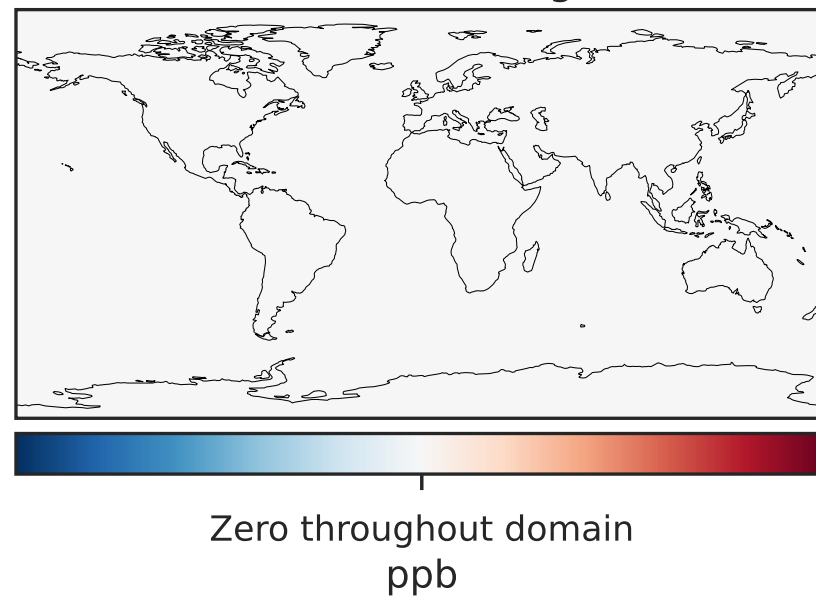
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



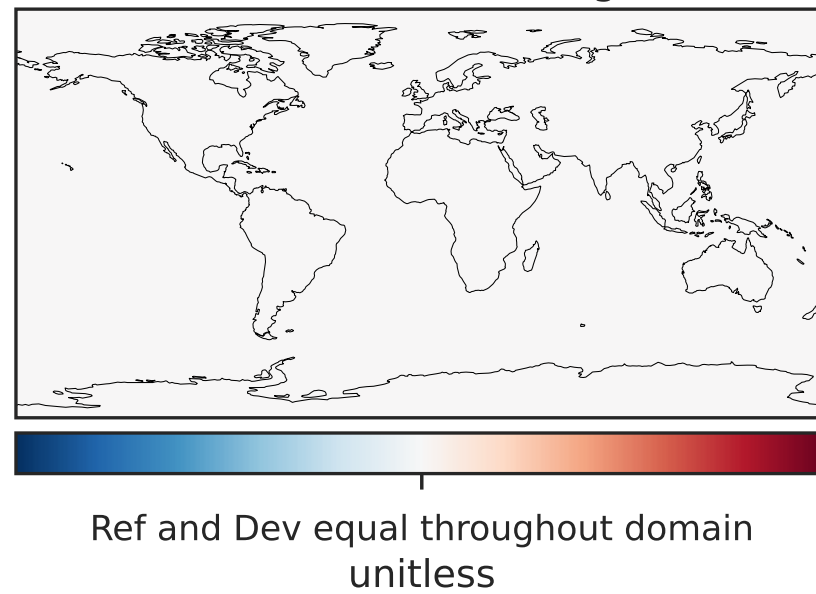
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

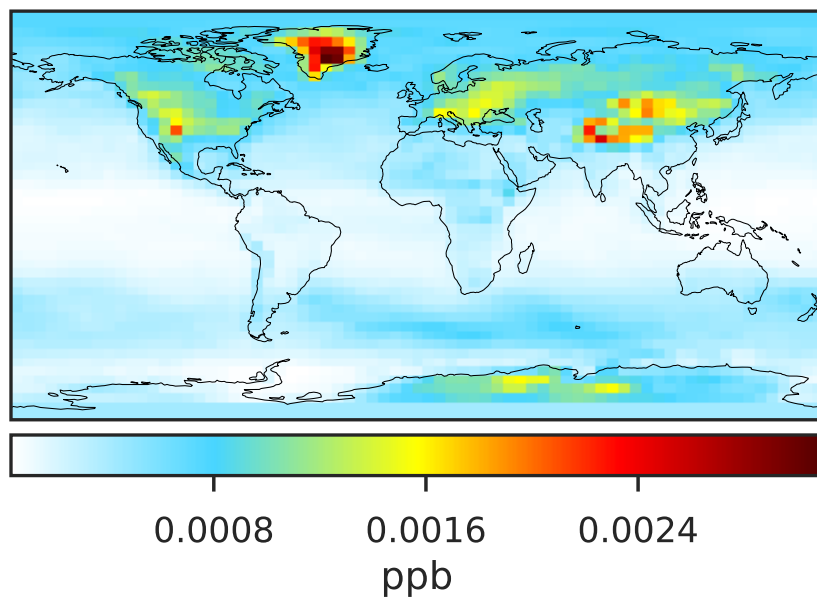


Ratio
Dev/Ref, Fixed Range

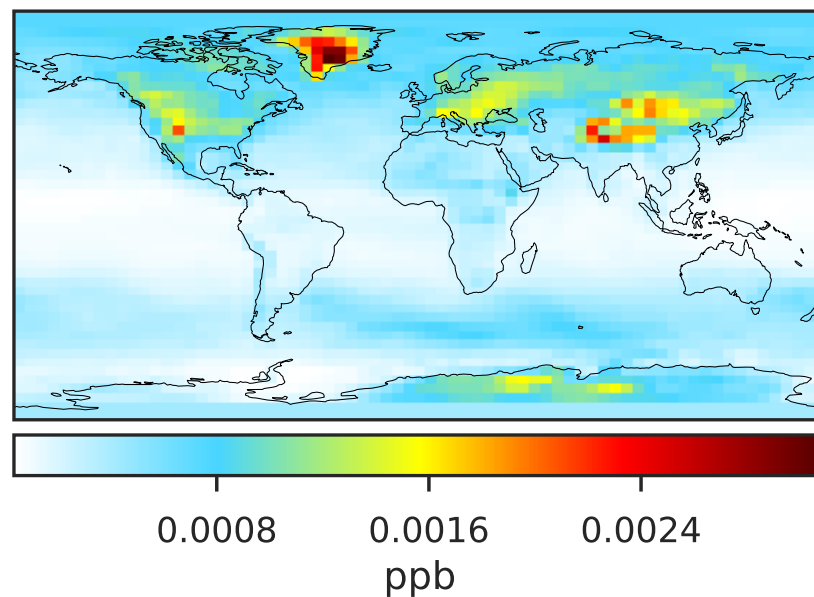


SpeciesConcVV_MPN

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



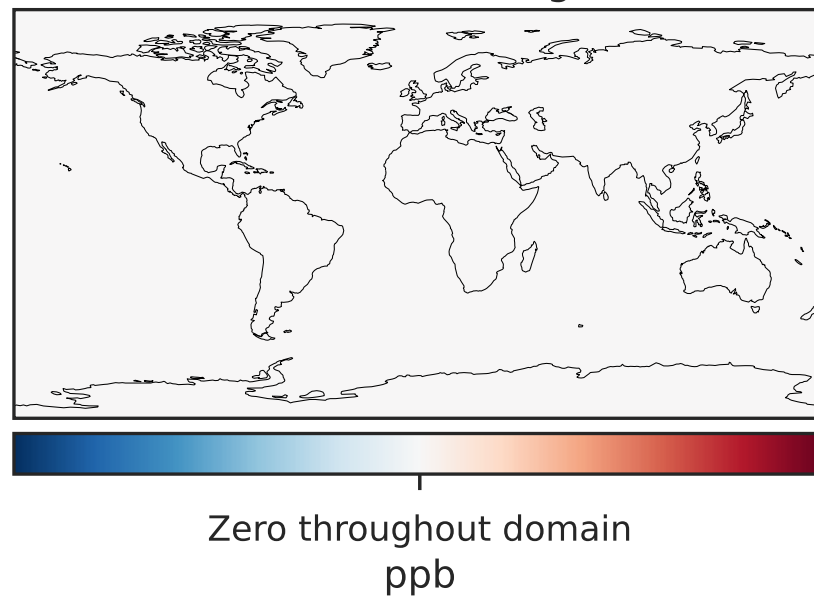
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



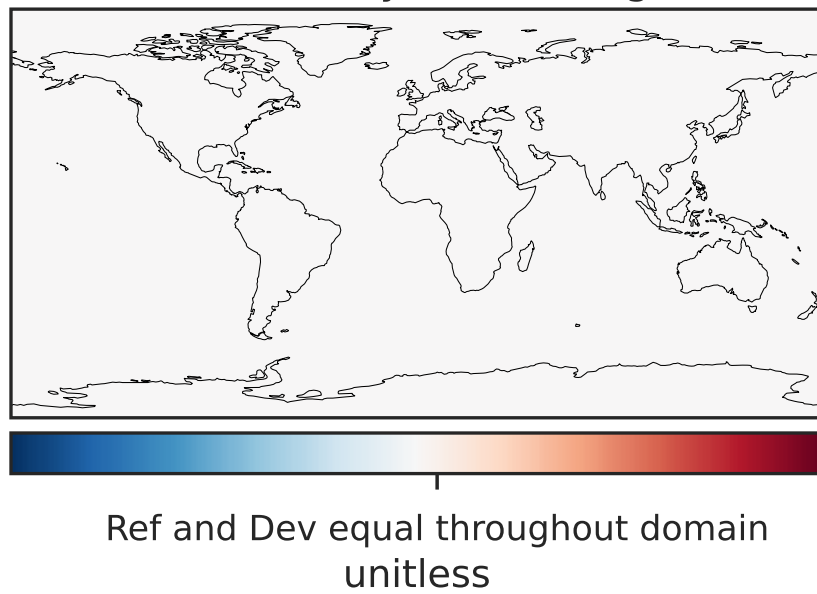
Difference
Dev - Ref, Dynamic Range



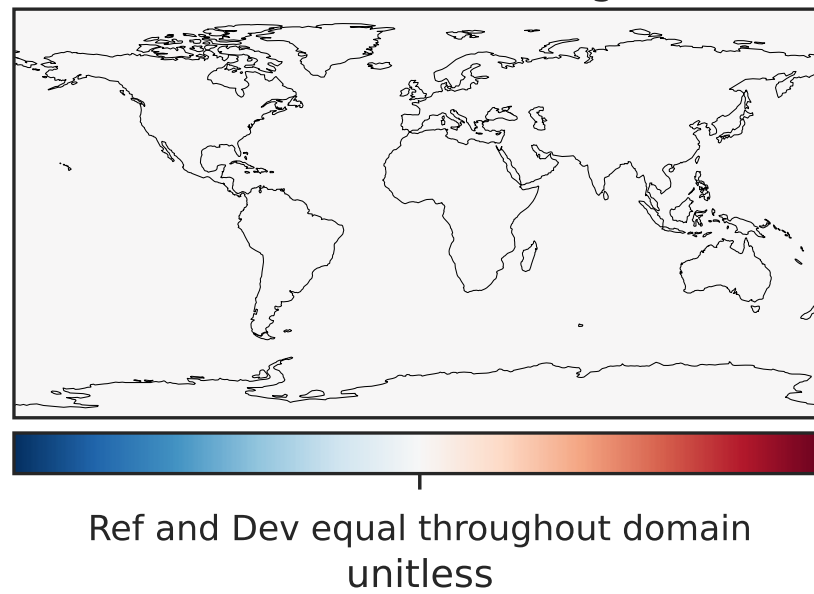
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

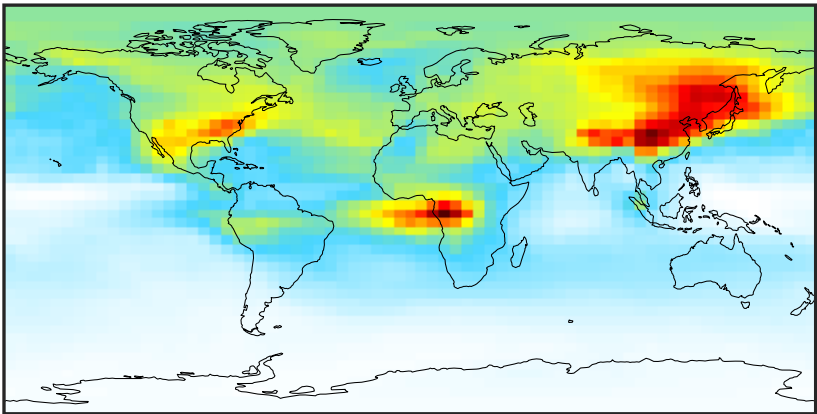


Ratio
Dev/Ref, Fixed Range



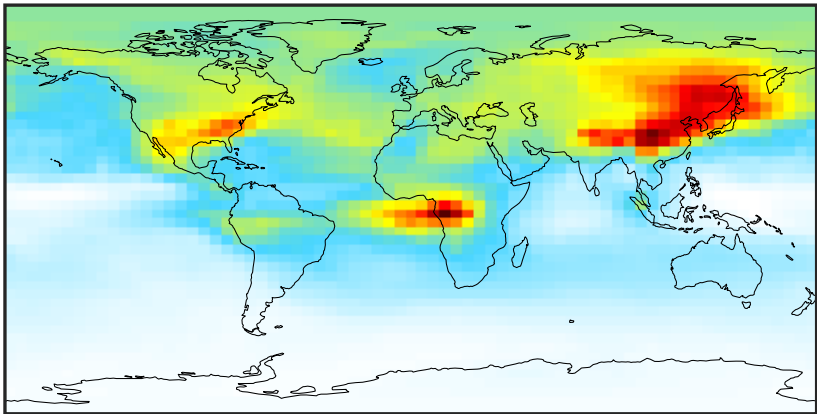
SpeciesConcVV_PAN

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



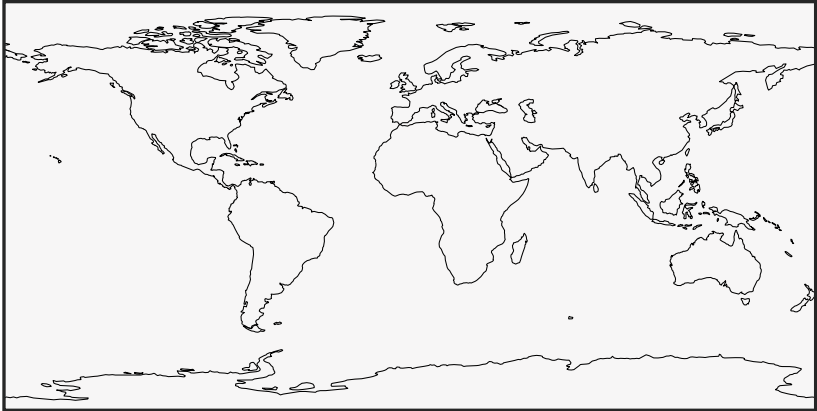
0.0126 0.1399 0.2672 0.3945 0.5218
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



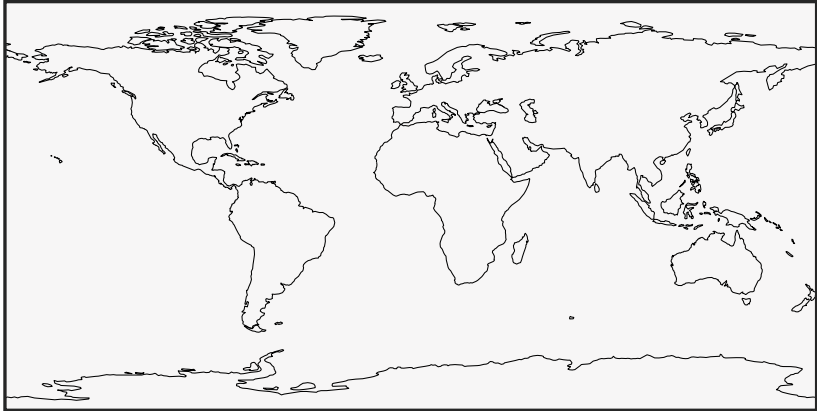
0.0126 0.1399 0.2672 0.3945 0.5218
ppb

Difference
Dev - Ref, Dynamic Range



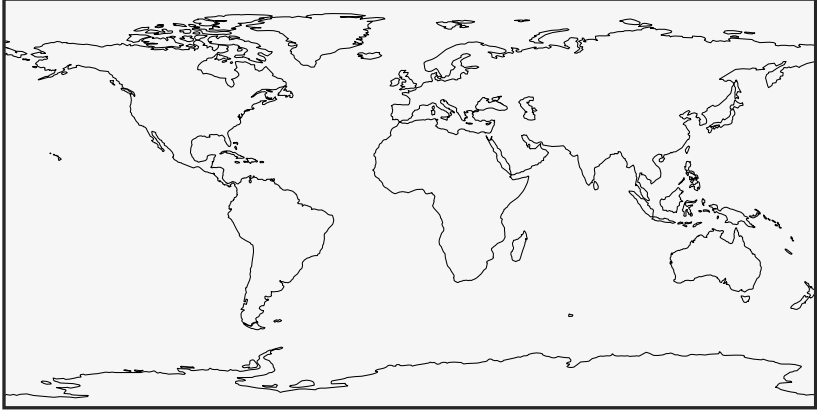
Zero throughout domain
ppb

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



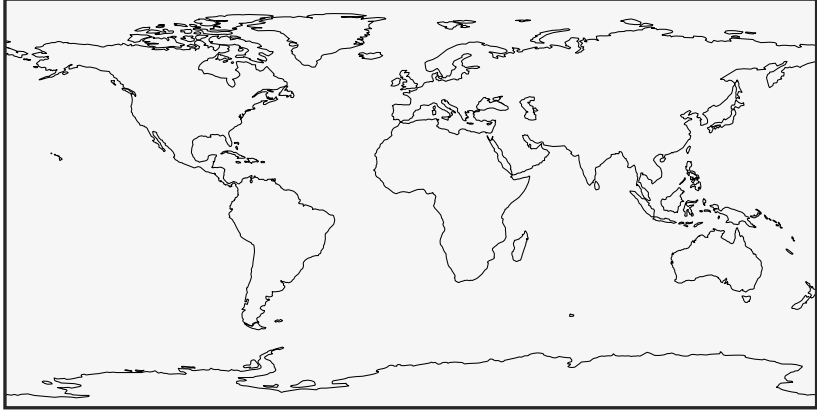
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

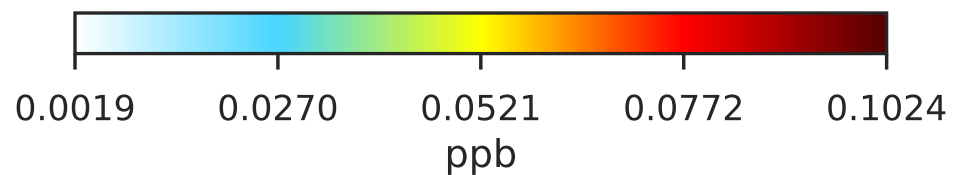
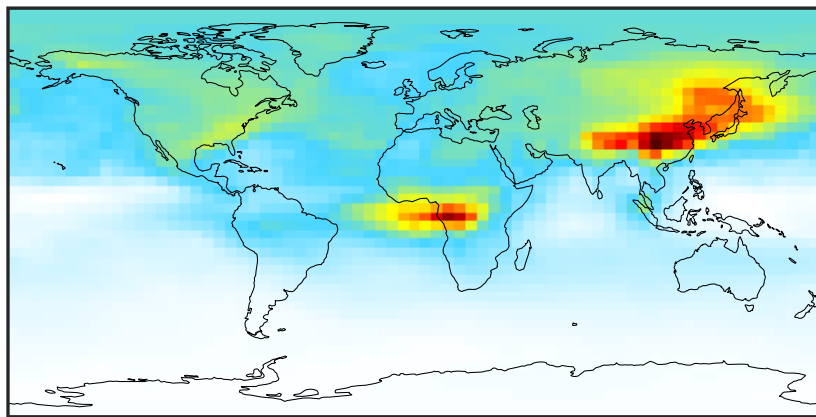
Ratio
Dev/Ref, Fixed Range



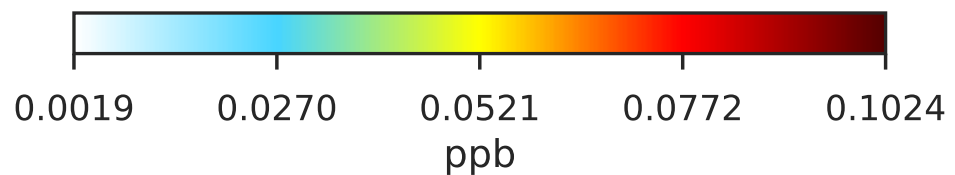
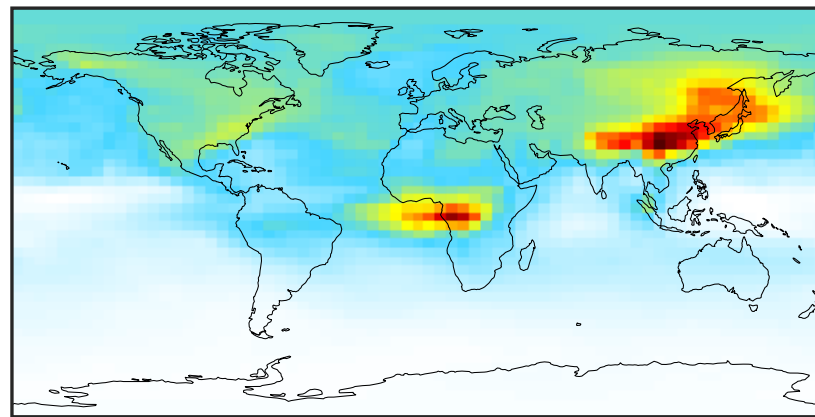
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_PPN

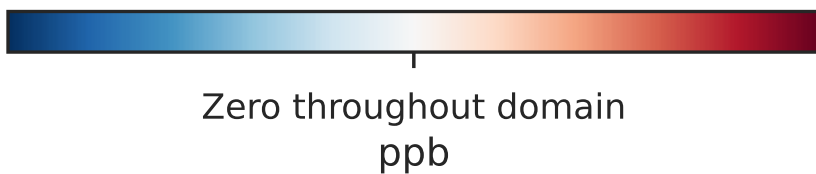
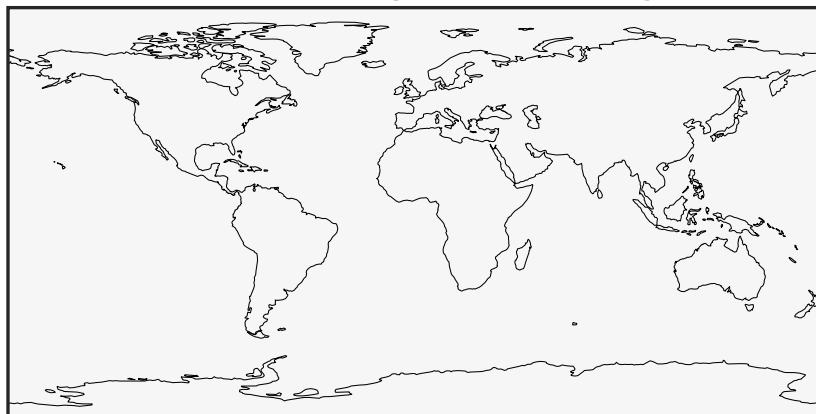
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



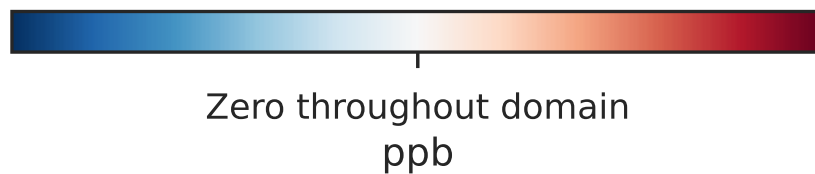
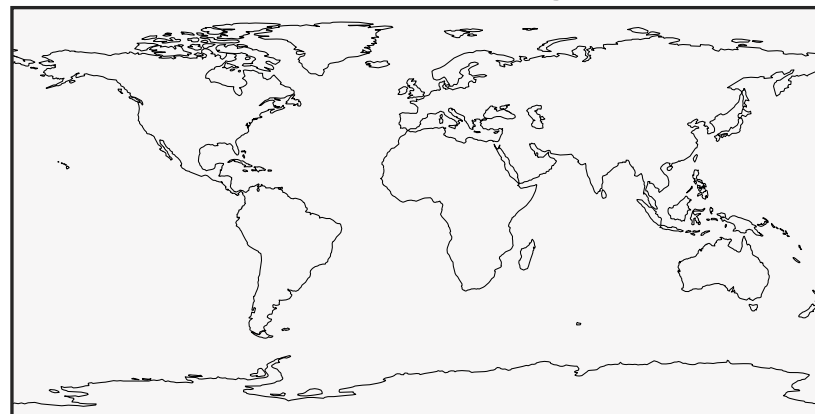
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



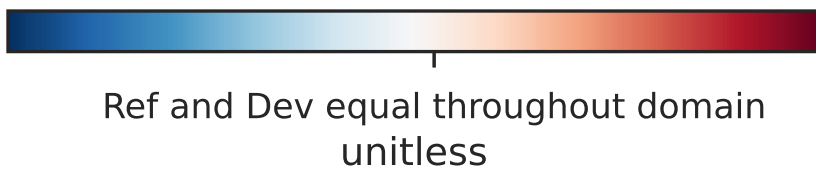
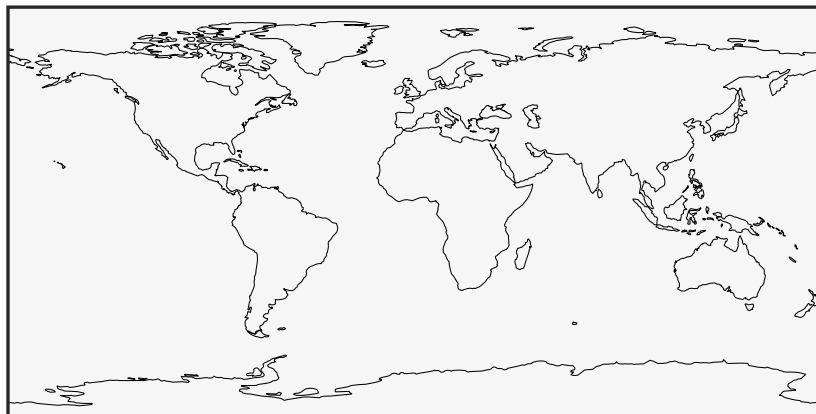
Difference
Dev - Ref, Dynamic Range



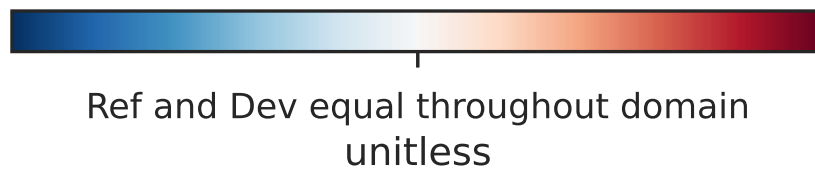
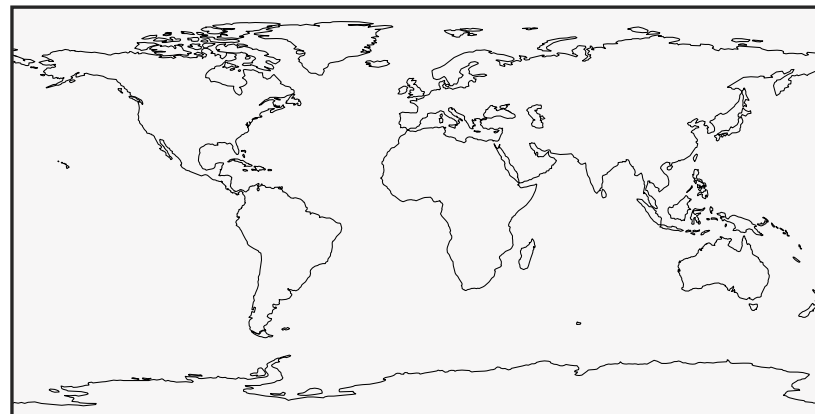
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

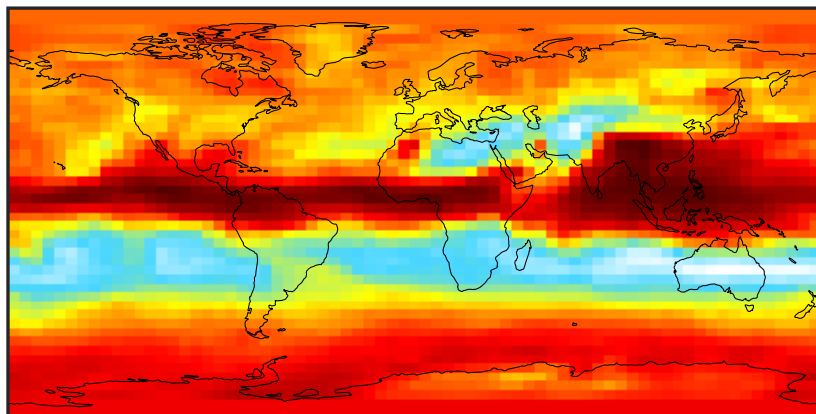


Ratio
Dev/Ref, Fixed Range



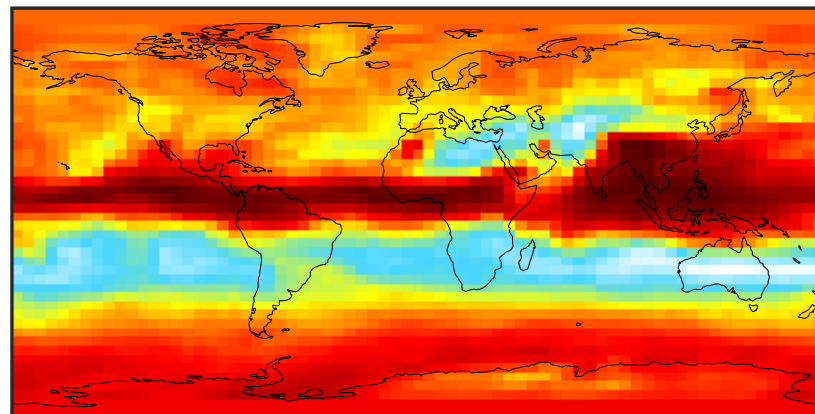
SpeciesConcVV_N2O

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



329.443 329.645 329.847 330.049 330.251
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



329.443 329.645 329.847 330.049 330.251
ppb

Difference
Dev - Ref, Dynamic Range



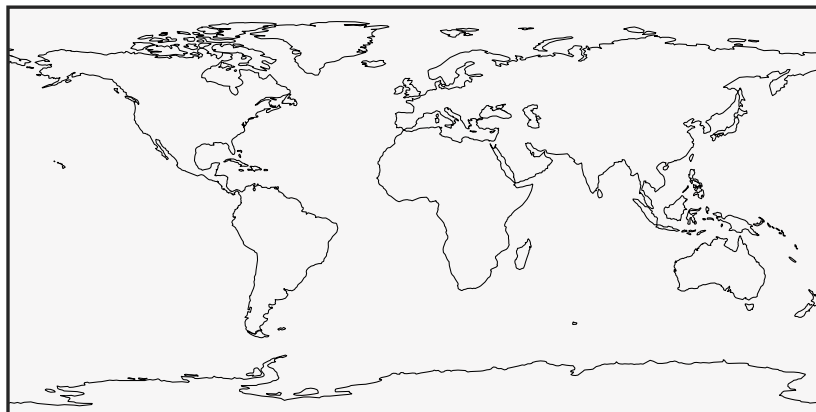
Zero throughout domain
ppb

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



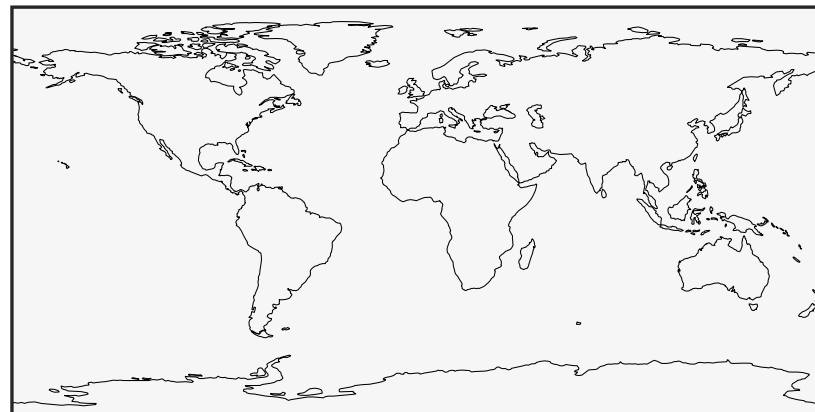
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

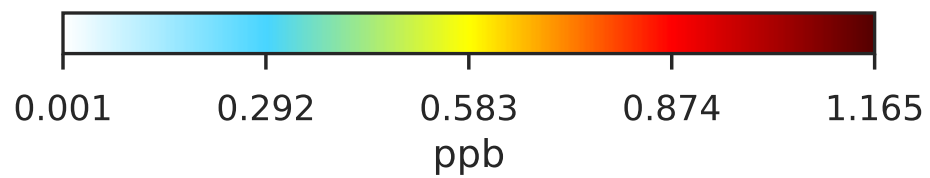
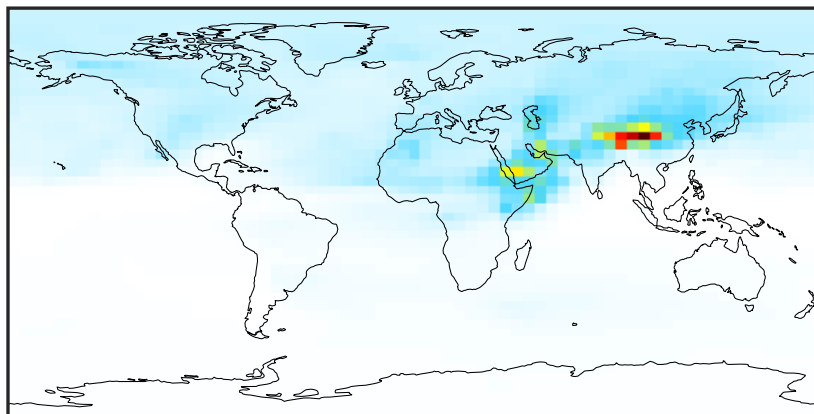
Ratio
Dev/Ref, Fixed Range



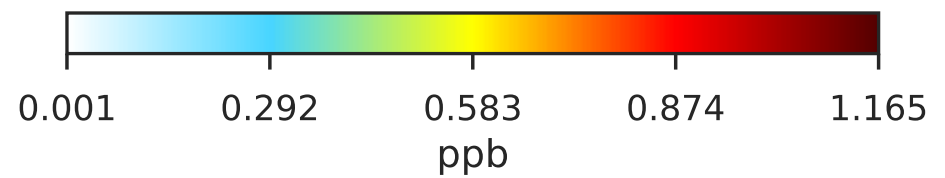
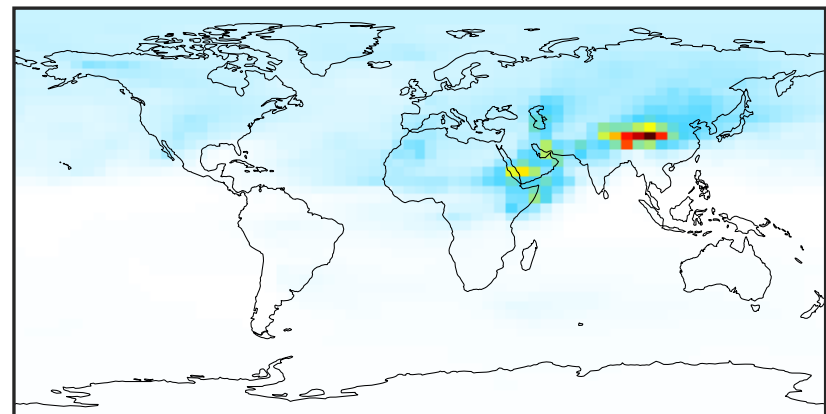
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NHx

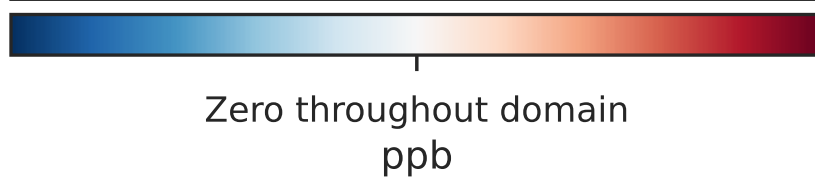
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



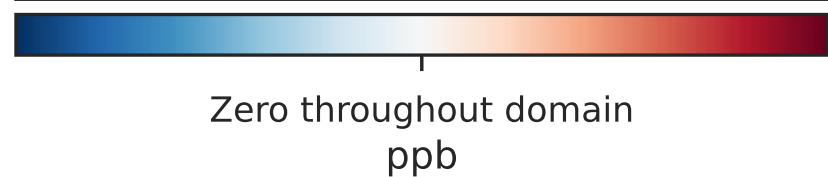
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



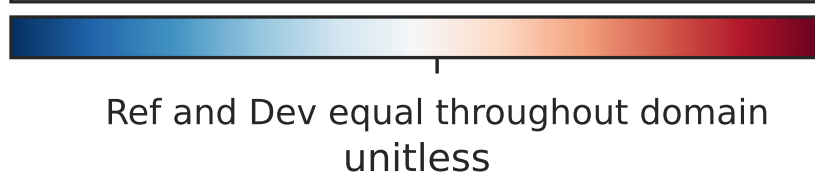
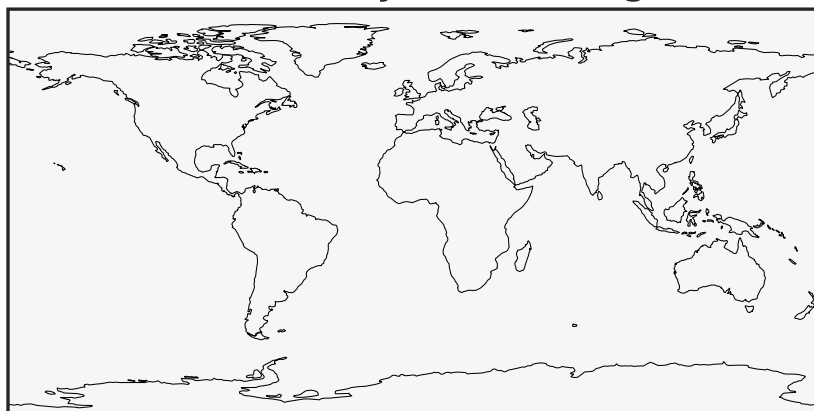
Difference
Dev - Ref, Dynamic Range



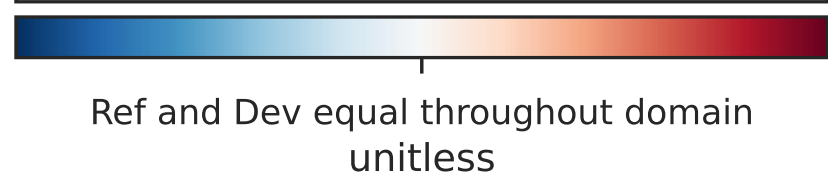
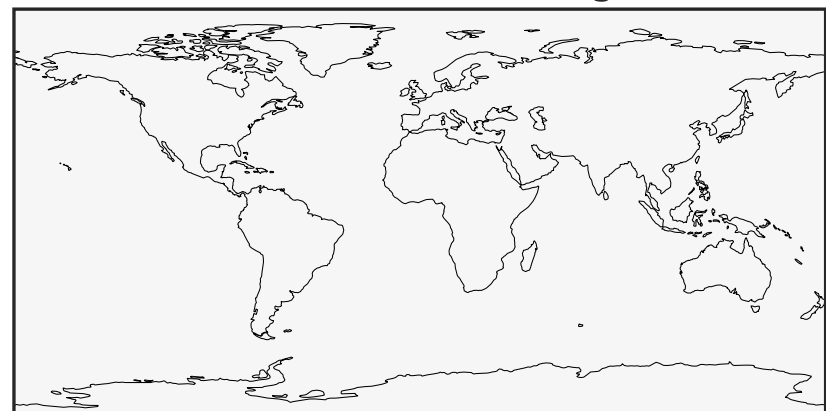
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

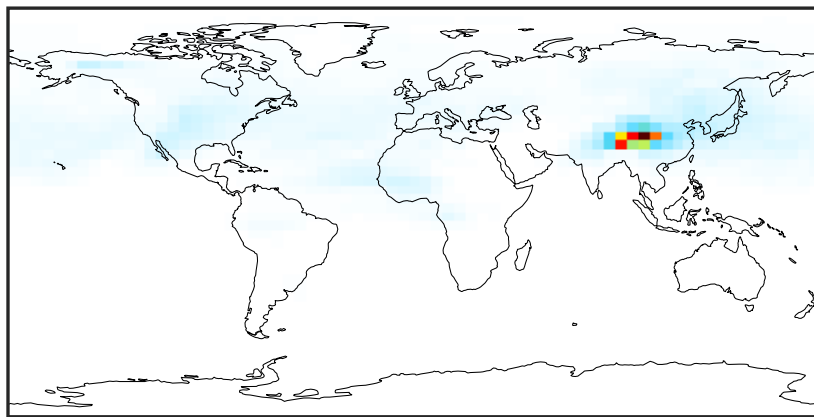


Ratio
Dev/Ref, Fixed Range



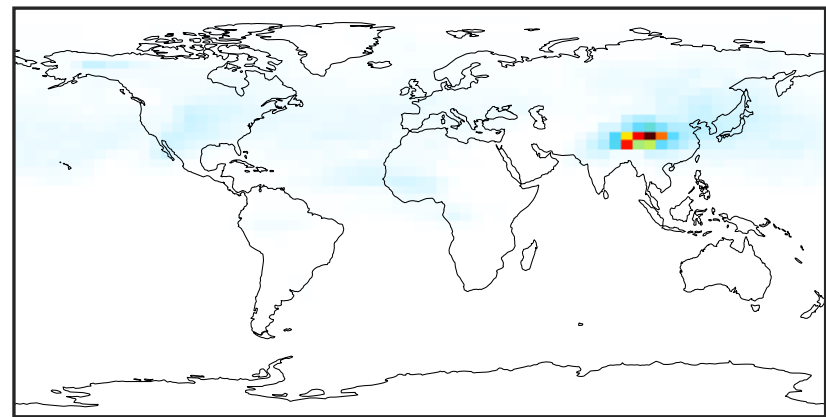
SpeciesConcVV_NH3

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



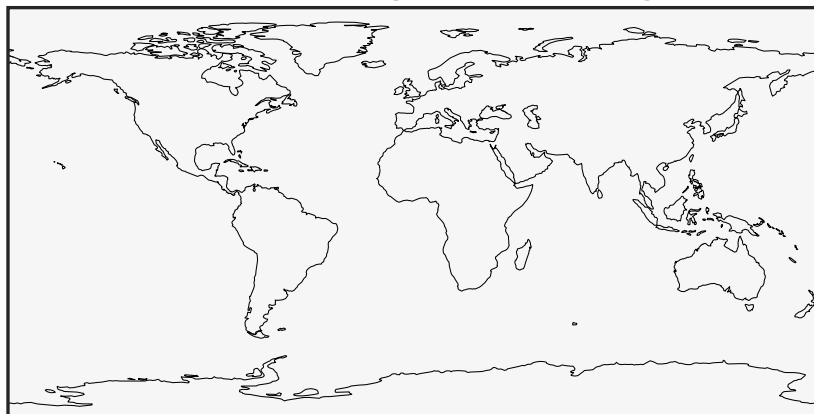
0.0000 0.2144 0.4288 0.6432 0.8576
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



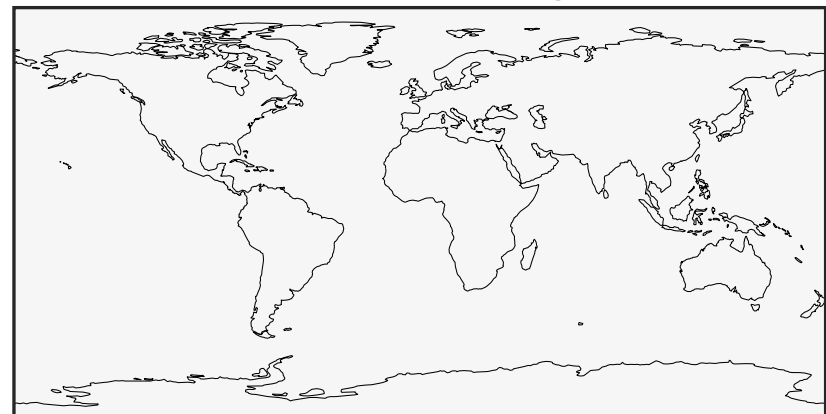
0.0000 0.2144 0.4288 0.6432 0.8576
ppb

Difference
Dev - Ref, Dynamic Range



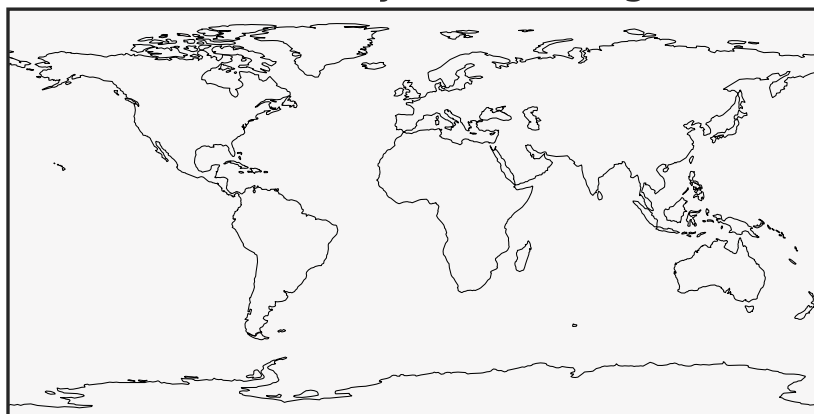
Zero throughout domain
ppb

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



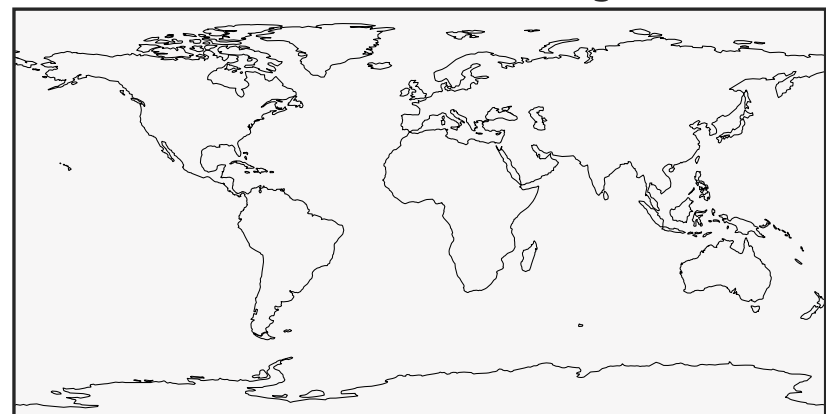
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

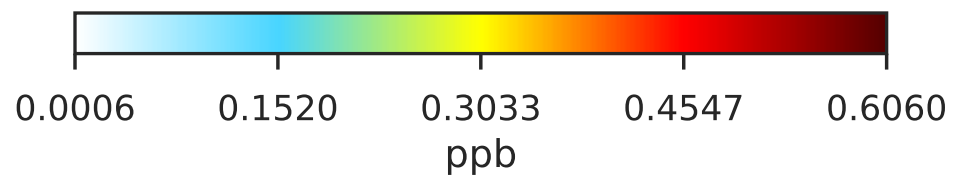
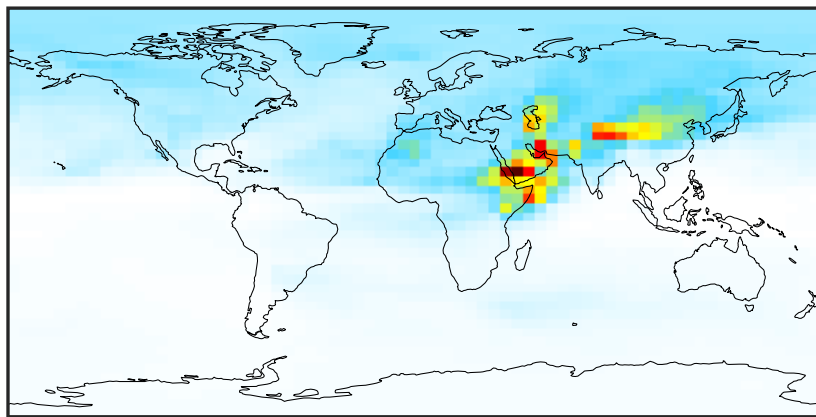
Ratio
Dev/Ref, Fixed Range



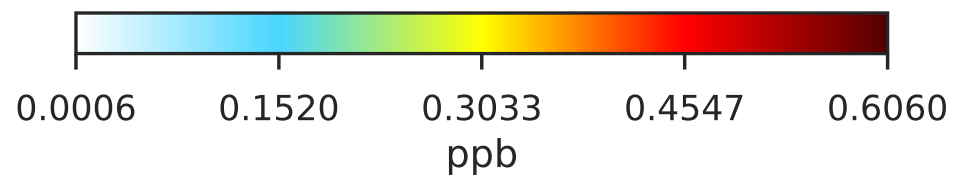
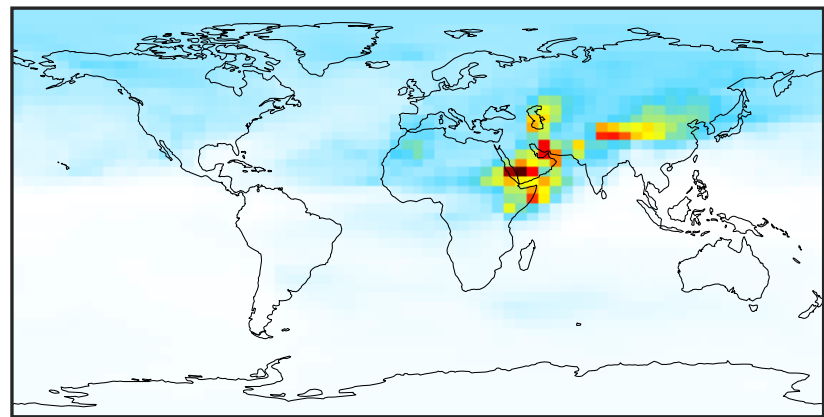
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NH4

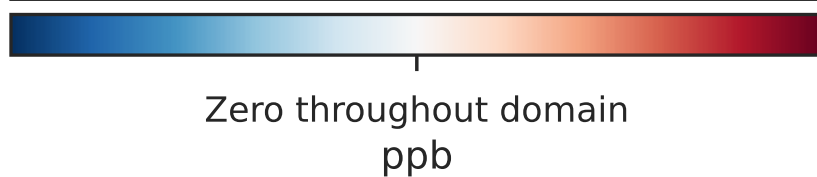
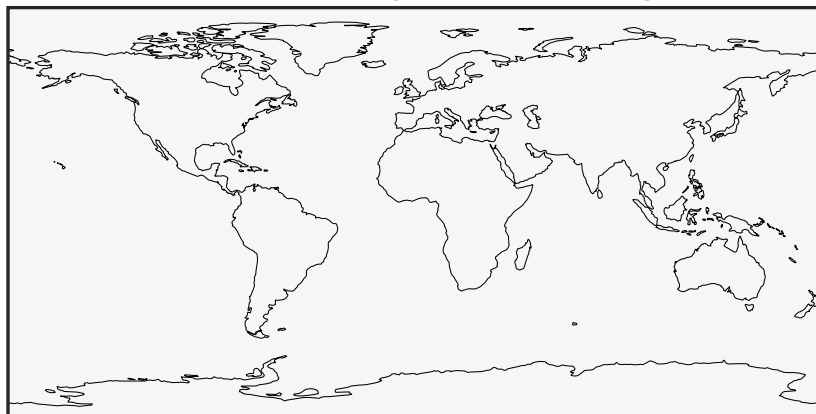
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



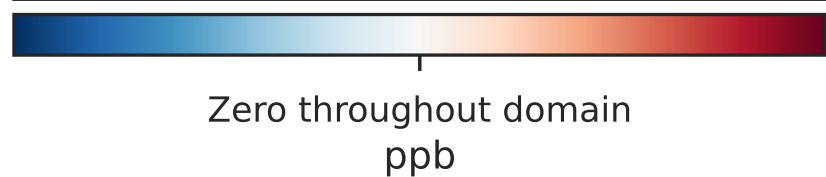
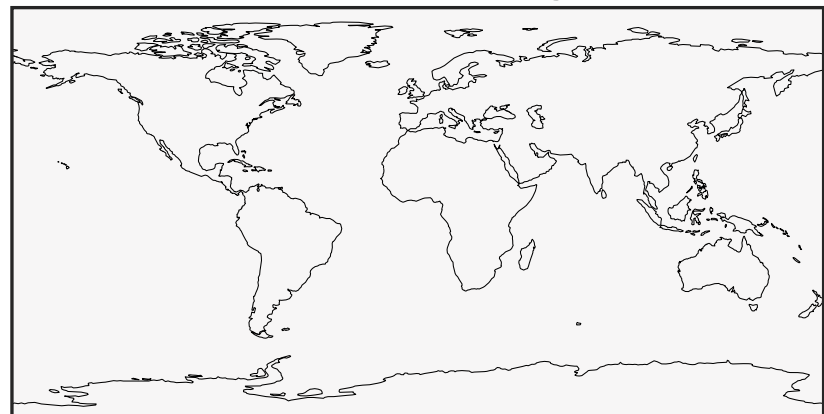
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



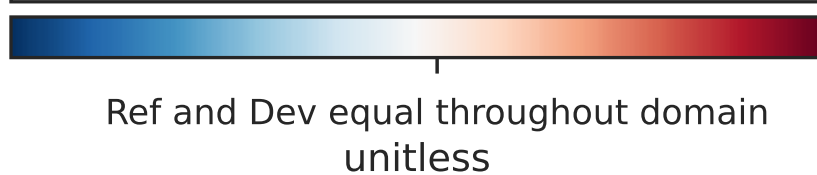
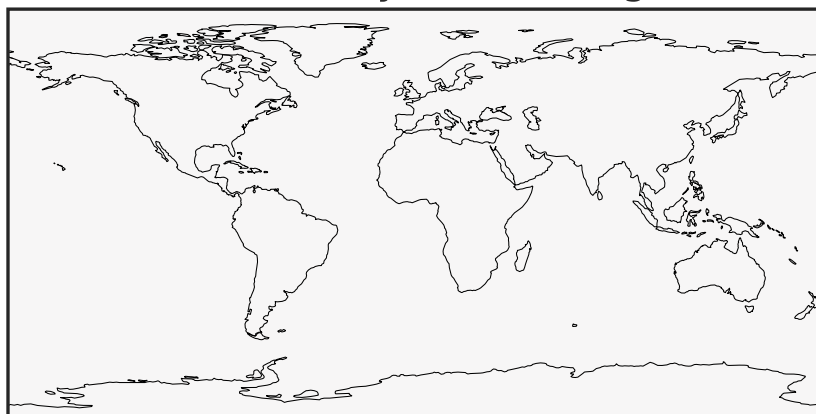
Difference
Dev - Ref, Dynamic Range



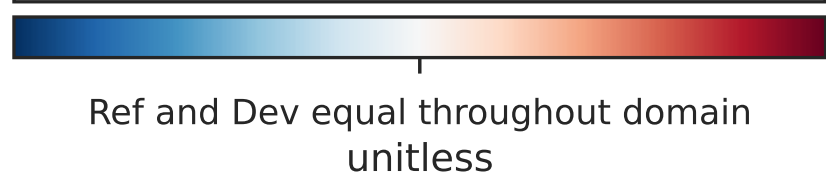
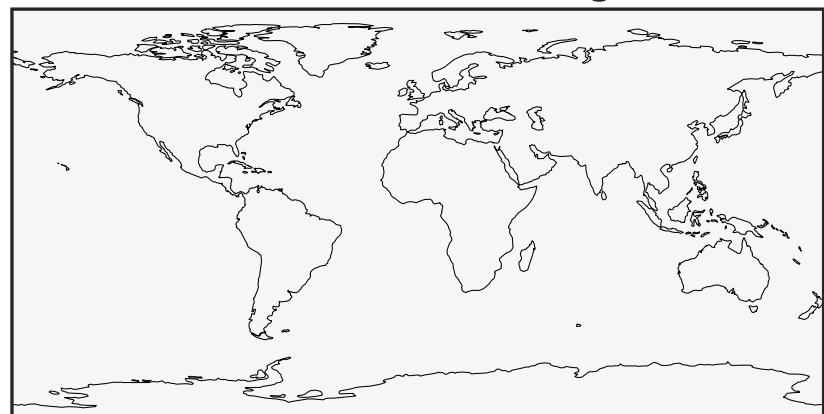
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

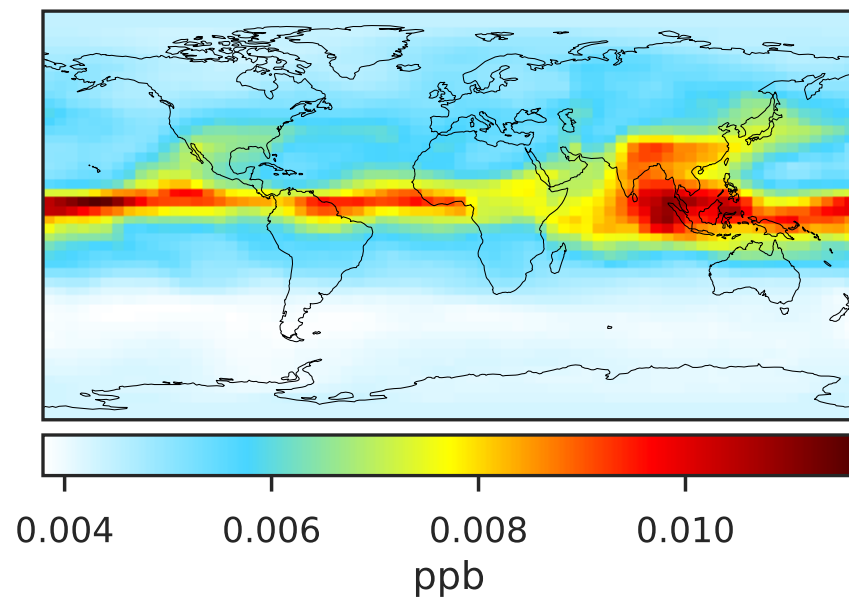


Ratio
Dev/Ref, Fixed Range

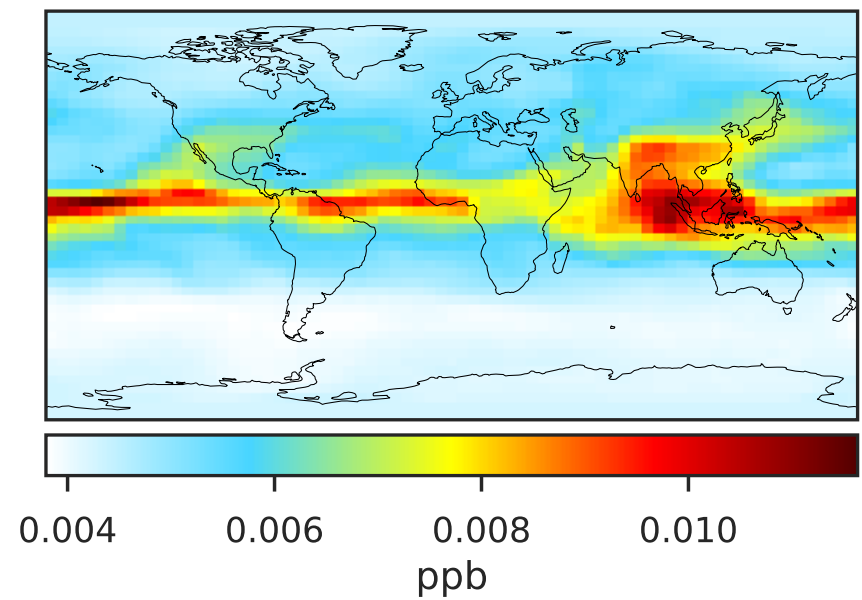


SpeciesConcVV_MENO3

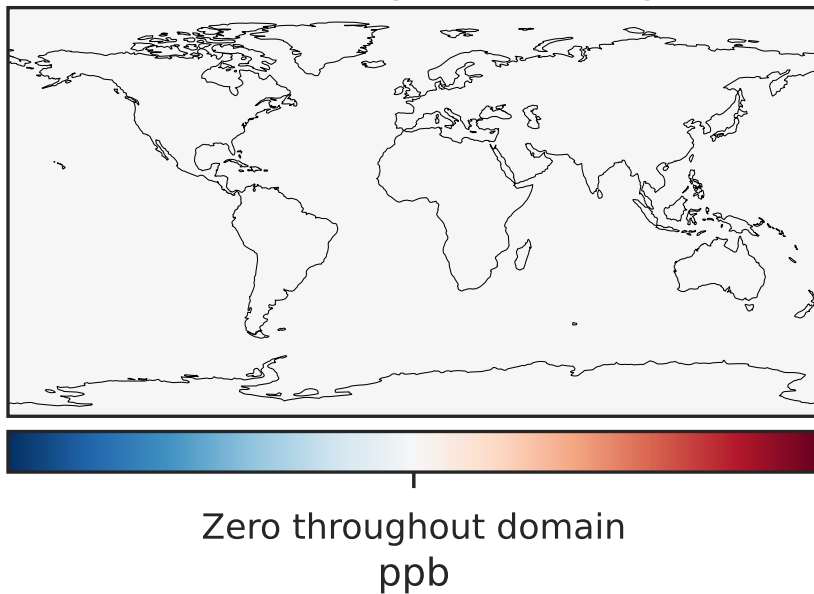
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



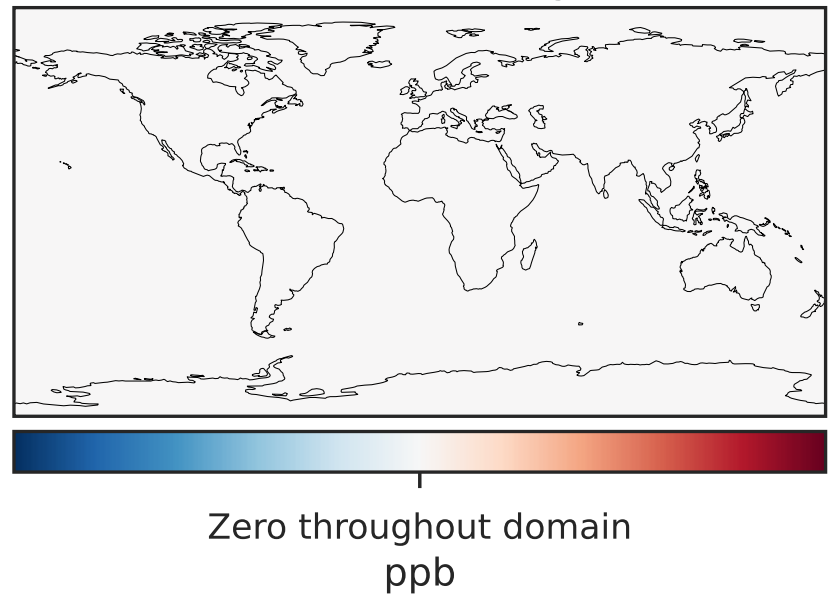
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



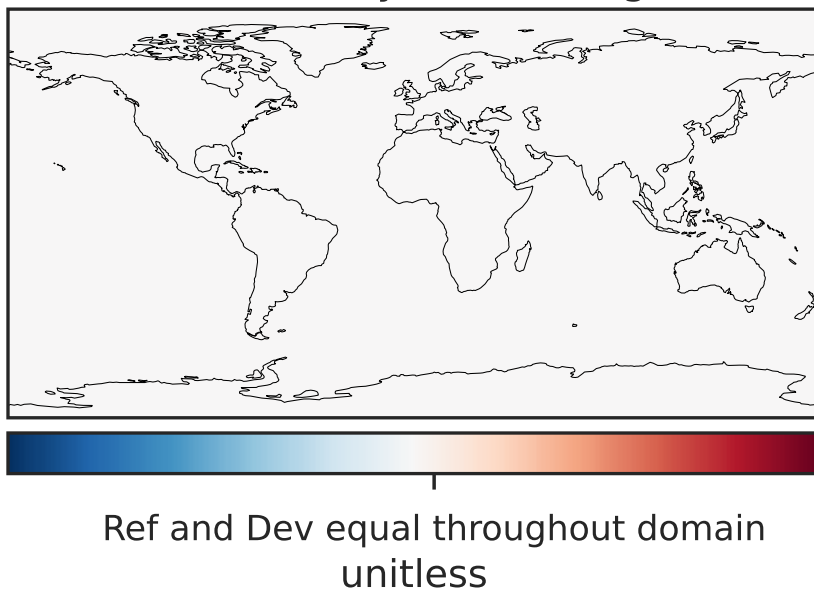
Difference
Dev - Ref, Dynamic Range



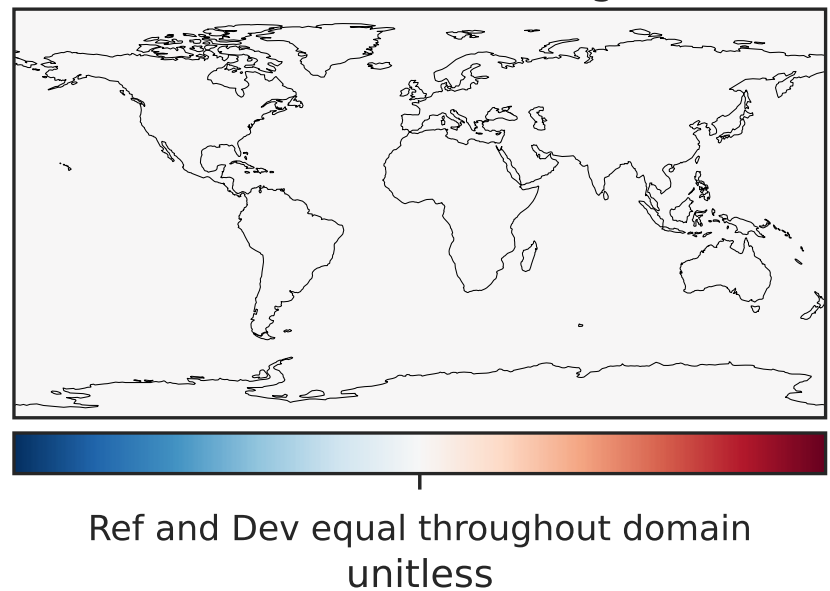
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

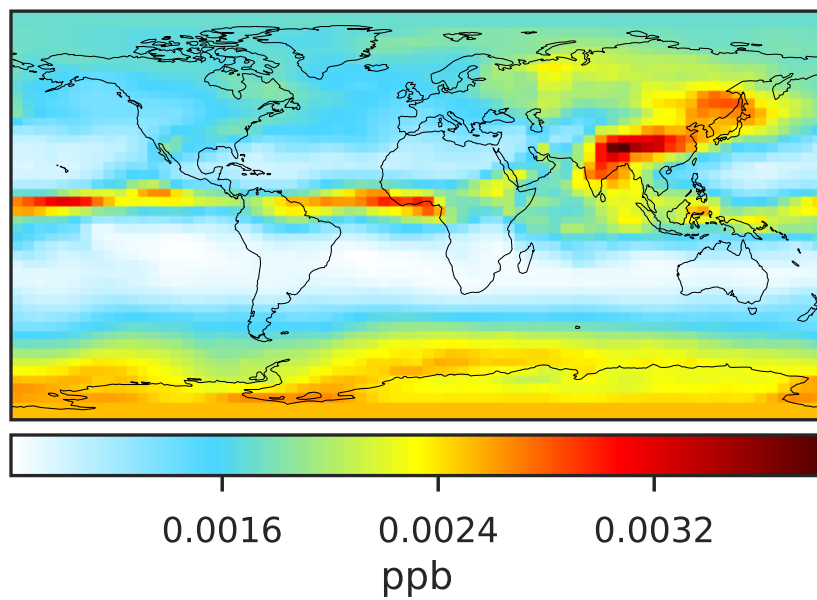


Ratio
Dev/Ref, Fixed Range

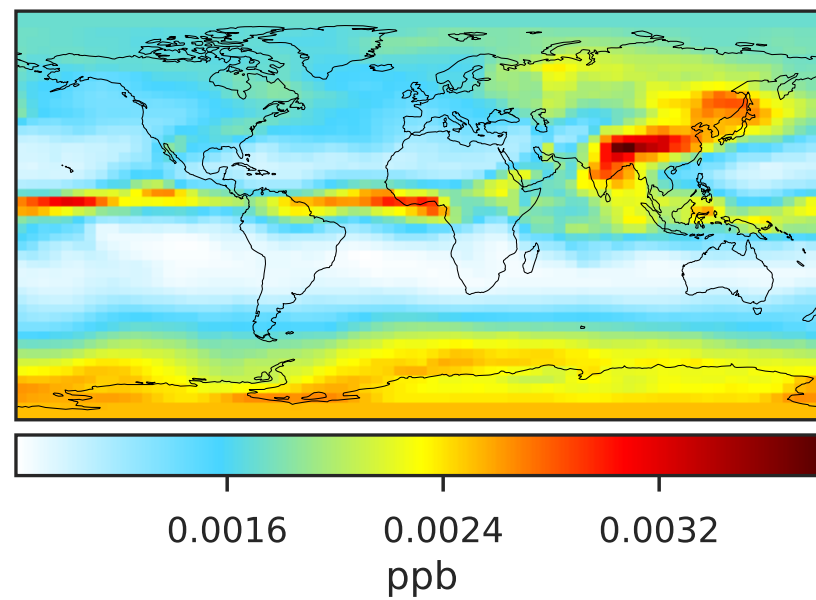


SpeciesConcVV_ETNO3

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



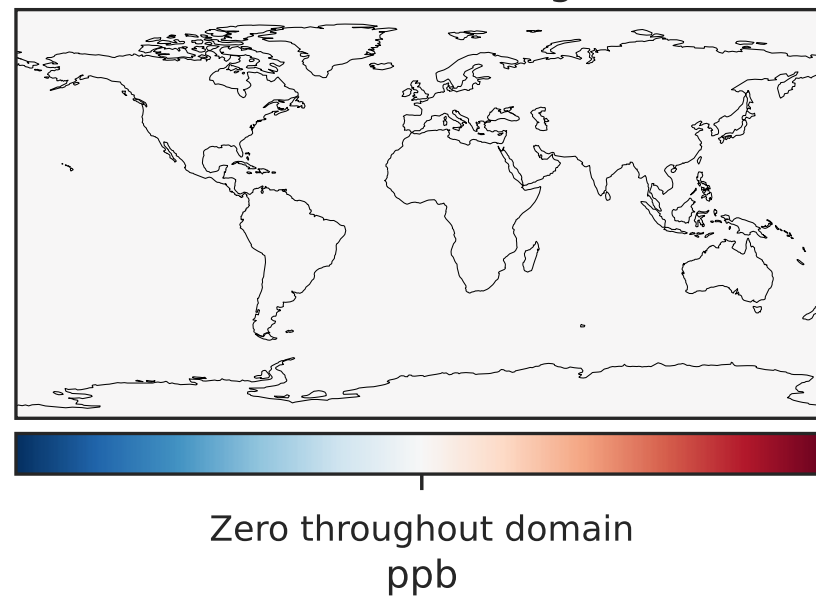
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



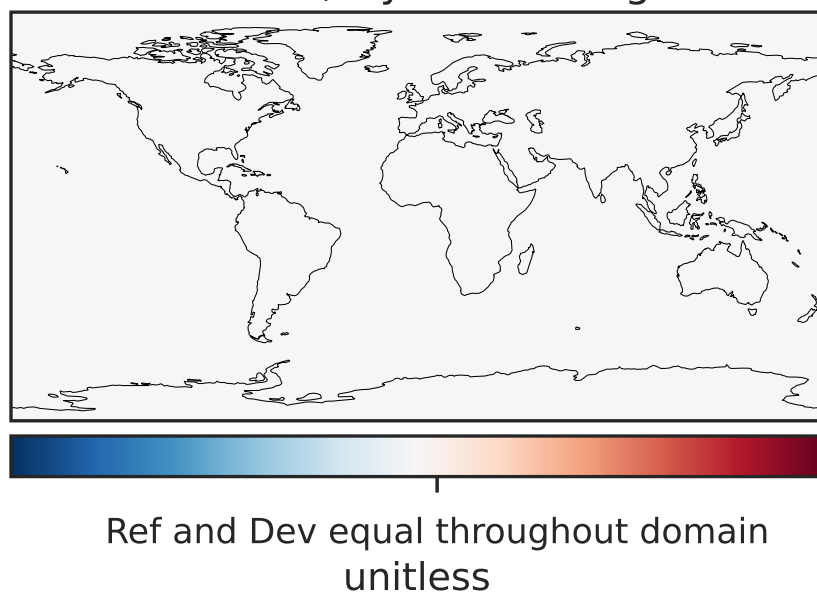
Difference
Dev - Ref, Dynamic Range



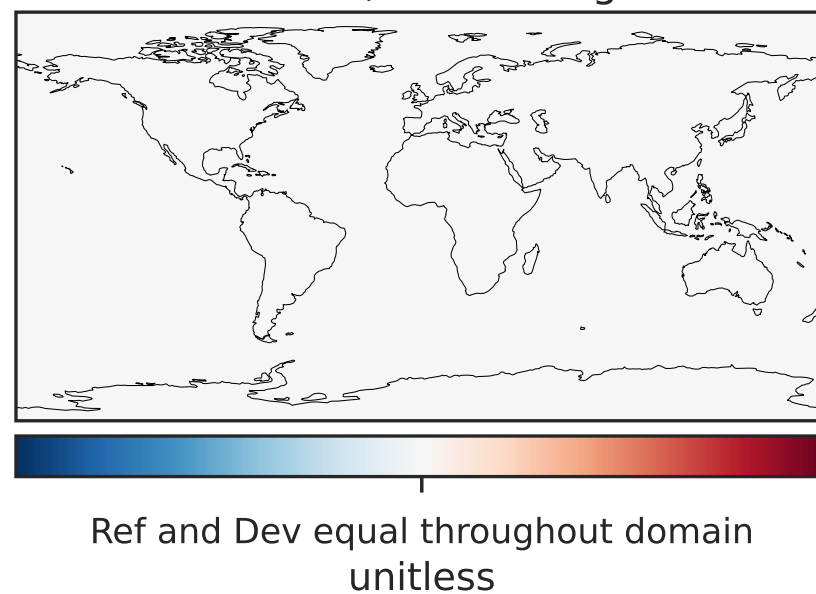
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

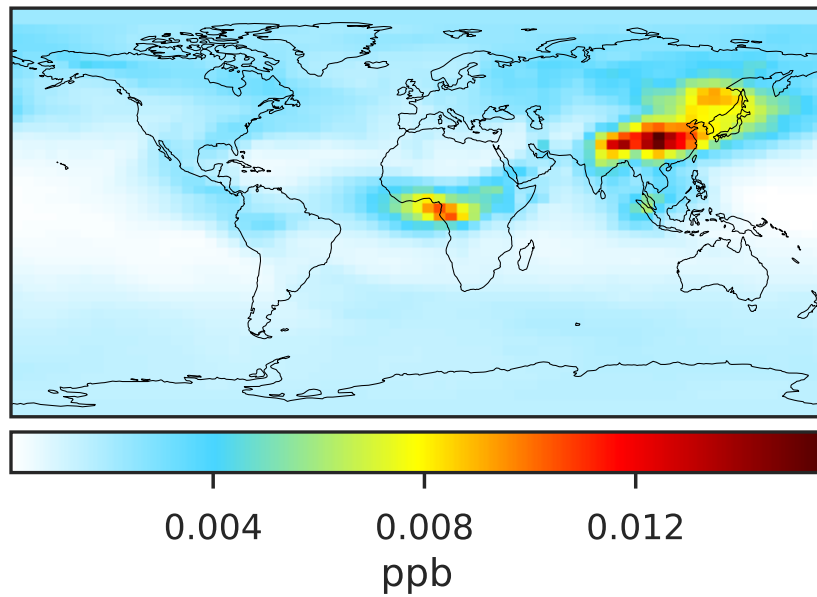


Ratio
Dev/Ref, Fixed Range

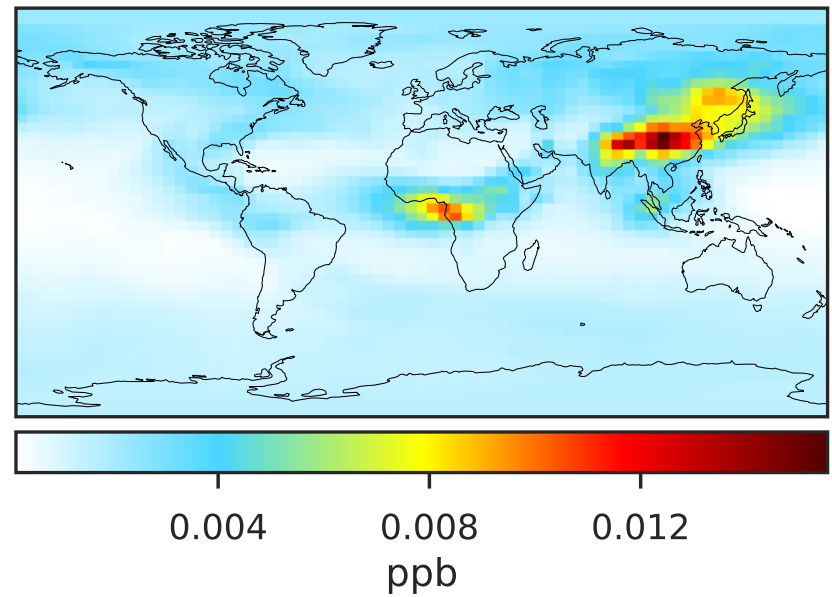


SpeciesConcVV_IPRNO3

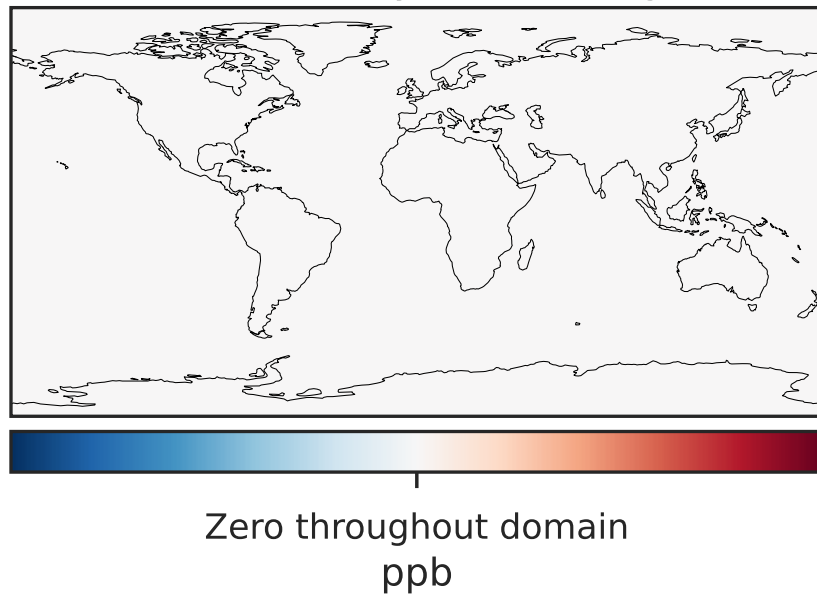
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



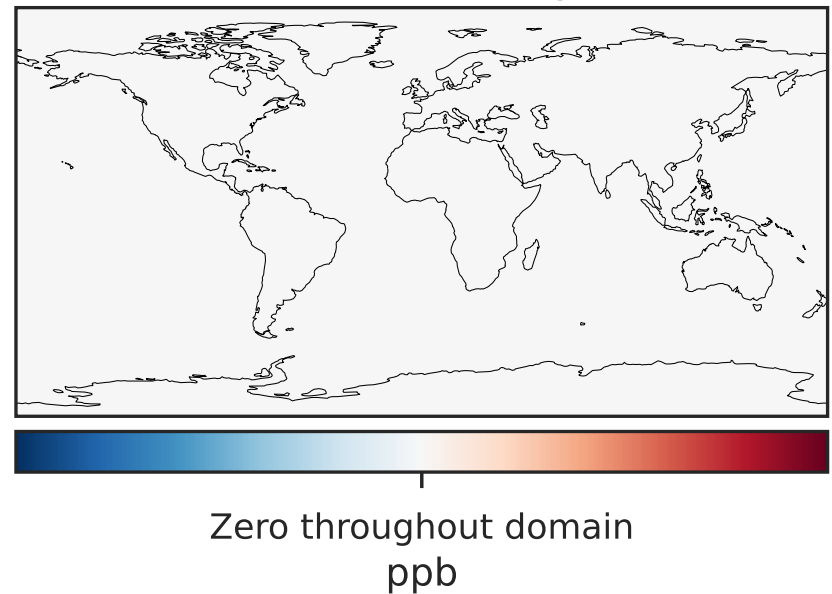
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



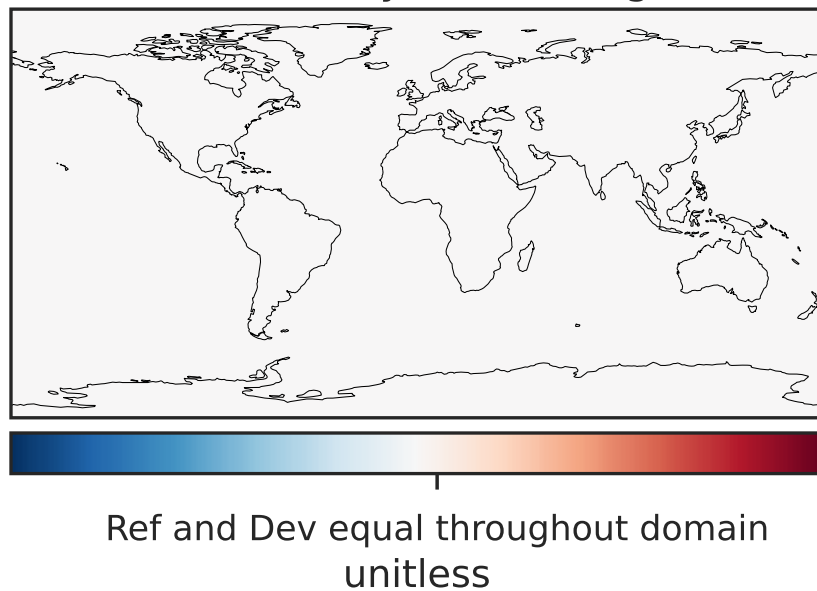
Difference
Dev - Ref, Dynamic Range



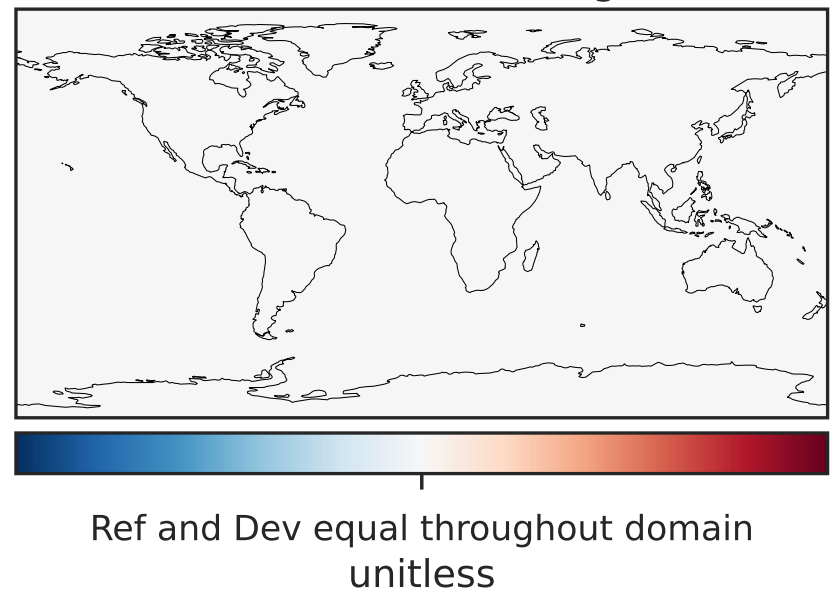
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

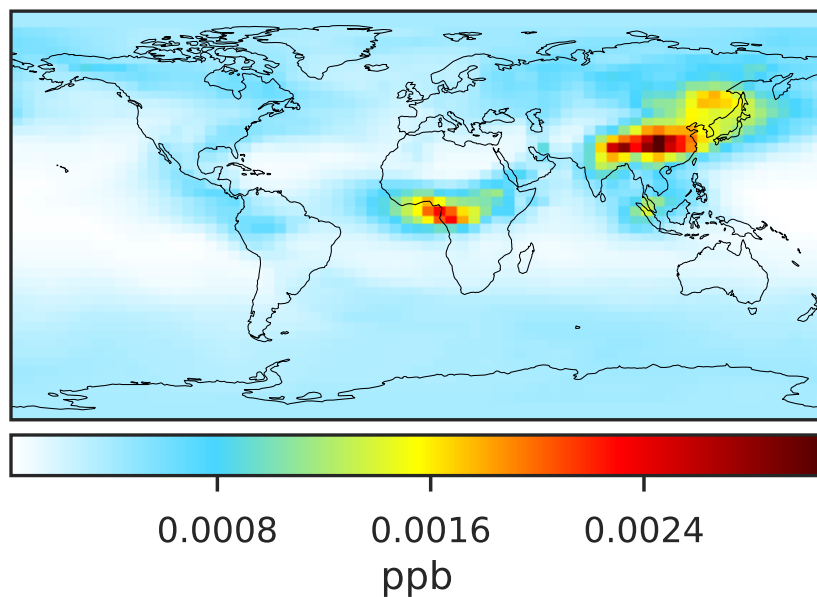


Ratio
Dev/Ref, Fixed Range

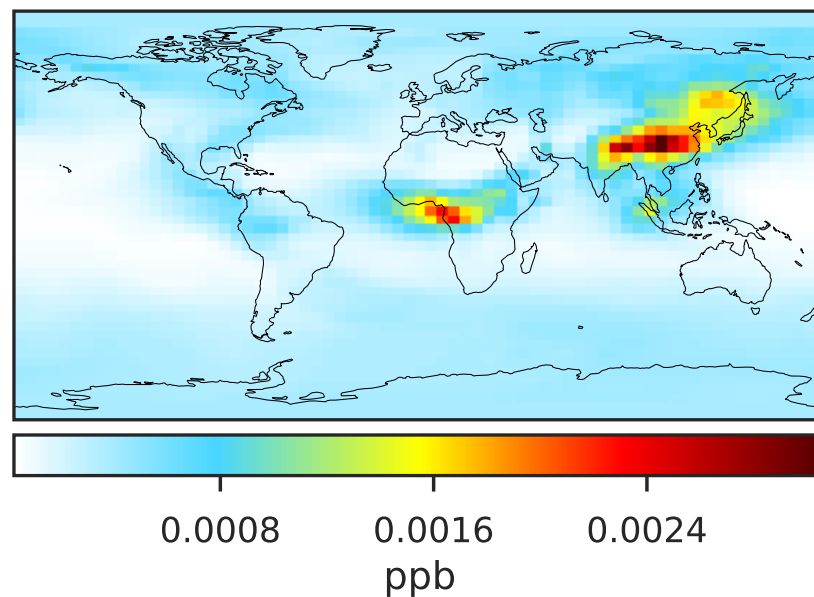


SpeciesConcVW_NPRNO3

gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



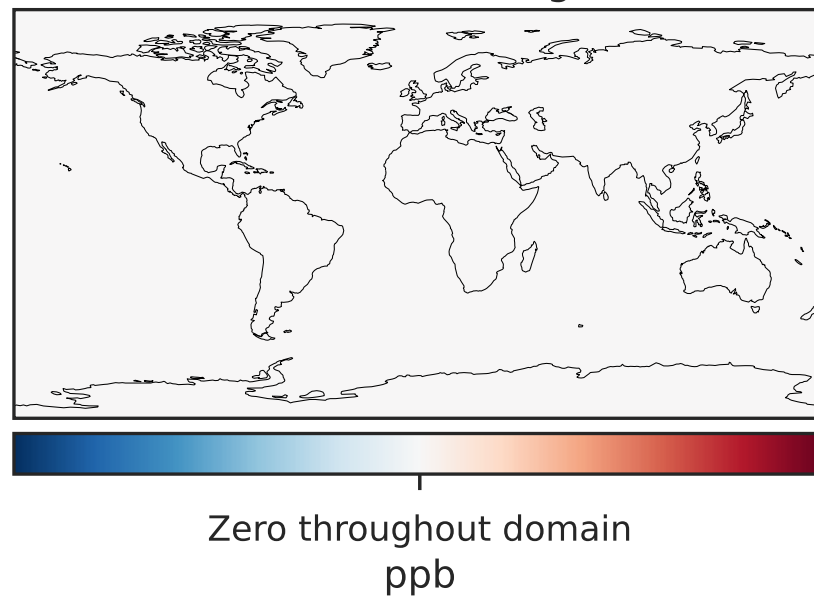
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



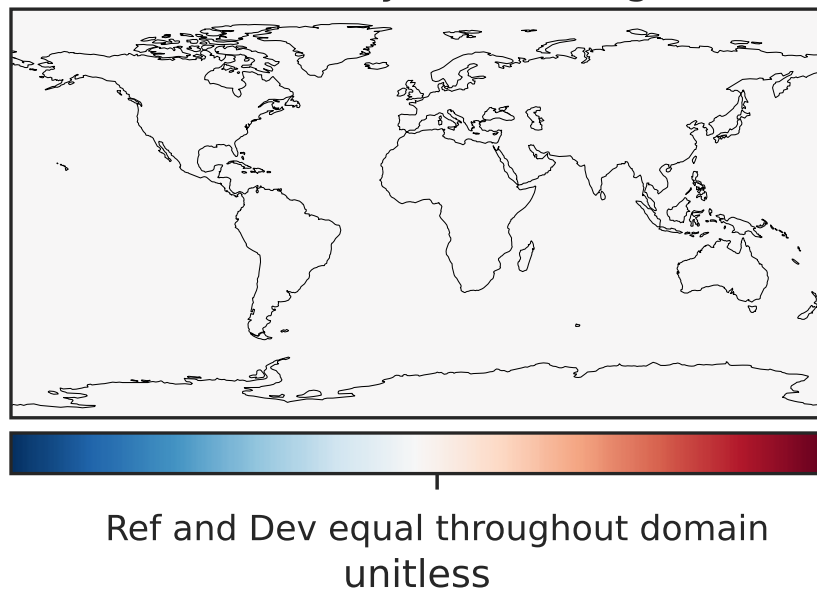
Difference
Dev - Ref, Dynamic Range



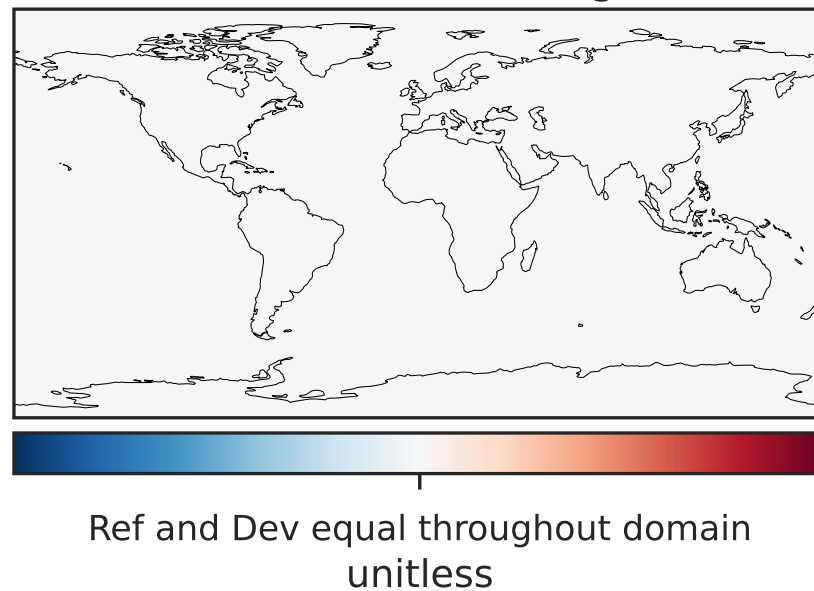
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

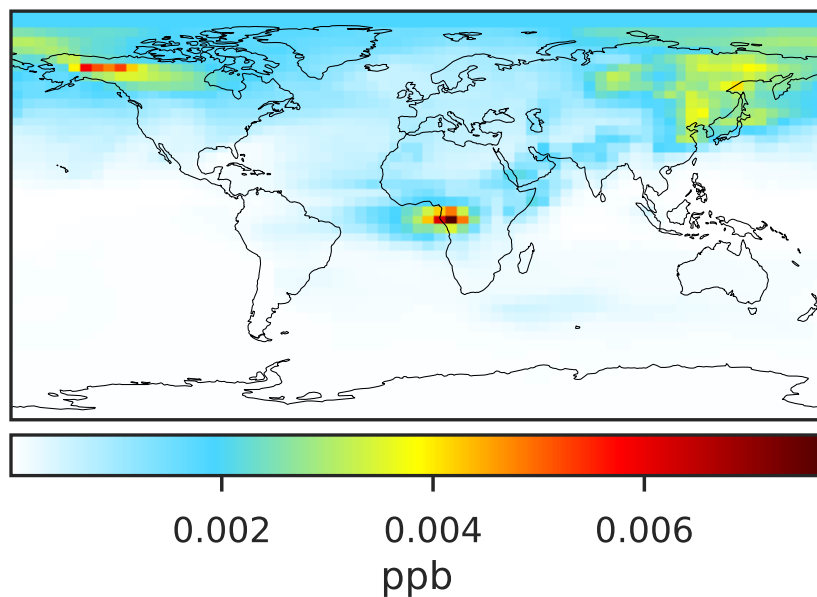


Ratio
Dev/Ref, Fixed Range

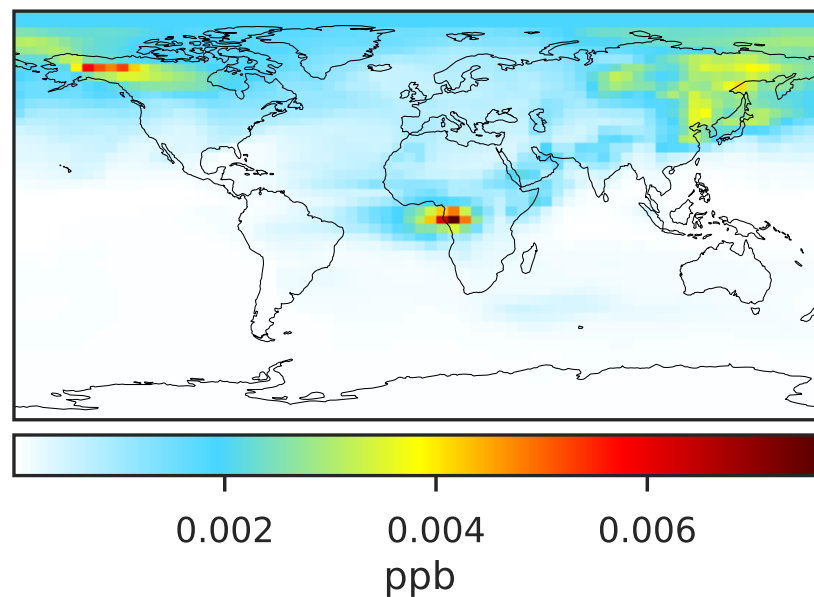


SpeciesConcVW_AONITA

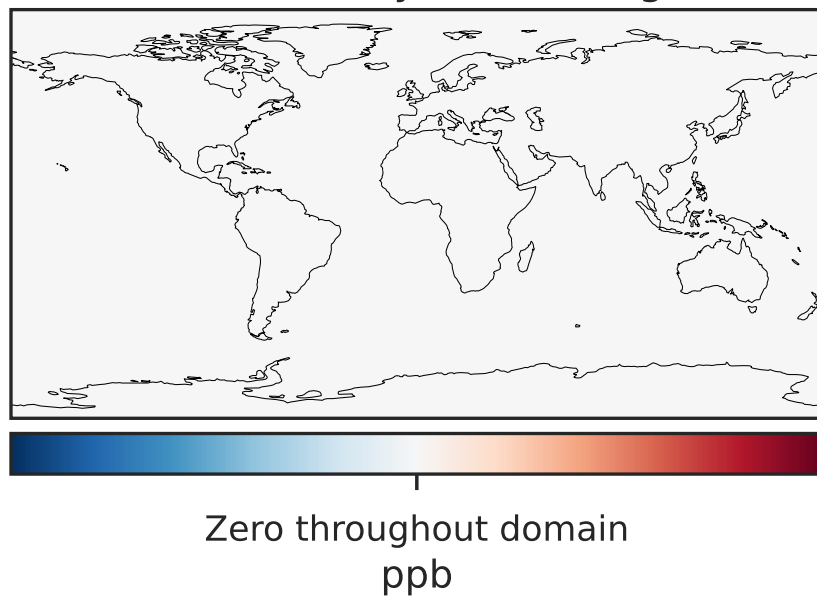
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



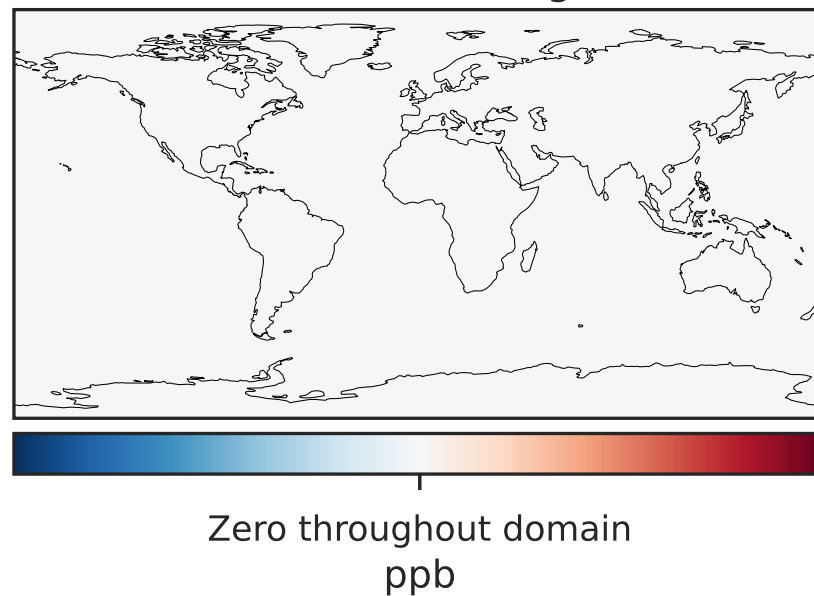
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



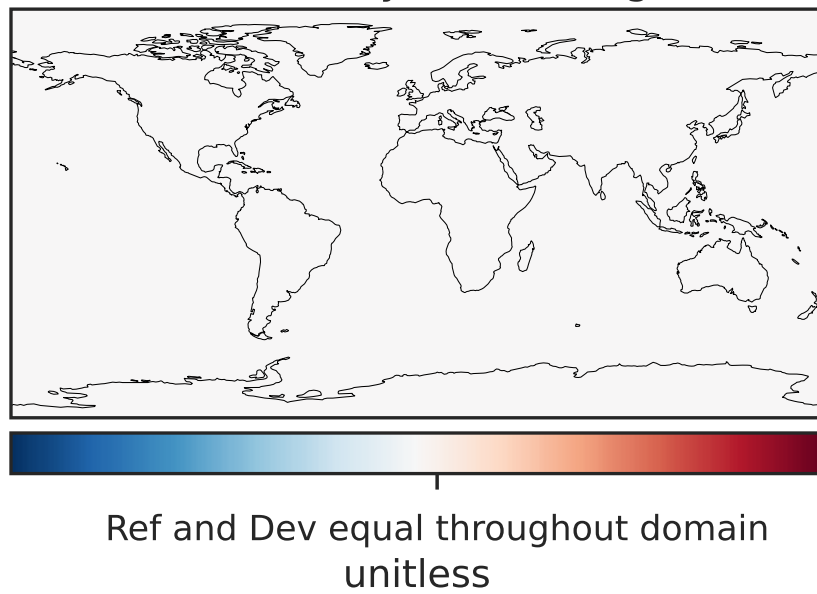
Difference
Dev - Ref, Dynamic Range



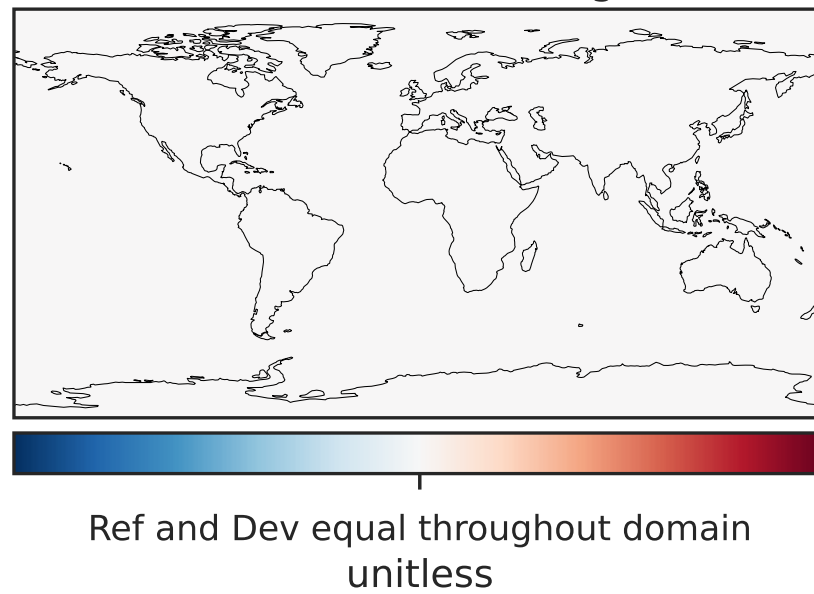
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

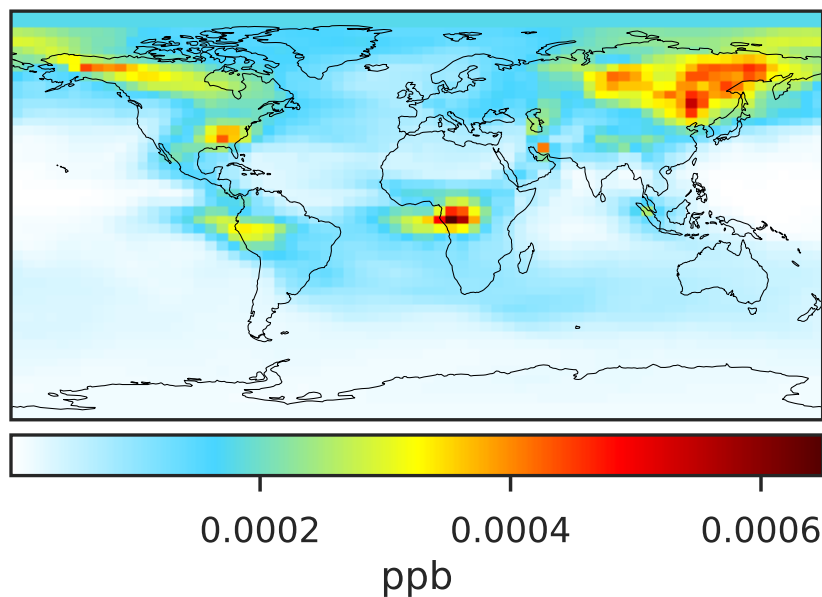


Ratio
Dev/Ref, Fixed Range

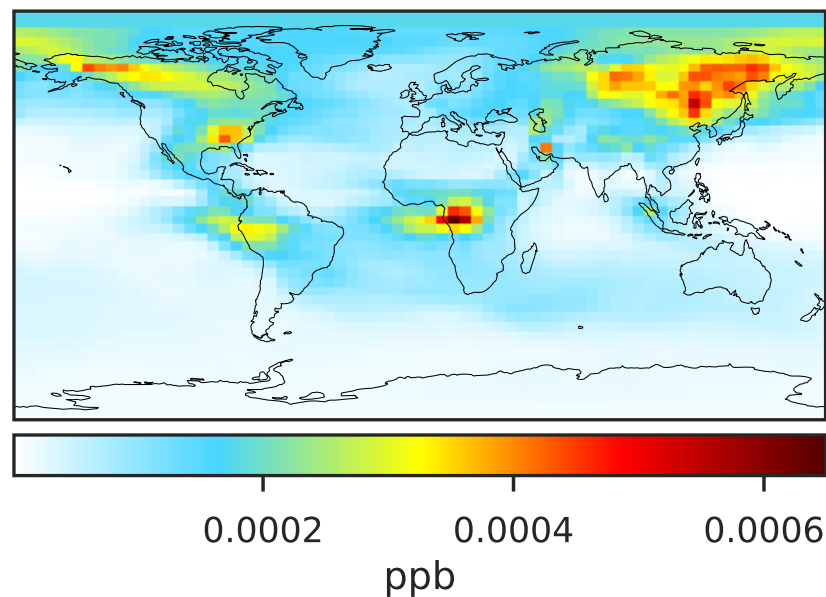


SpeciesConcVV_ETHN

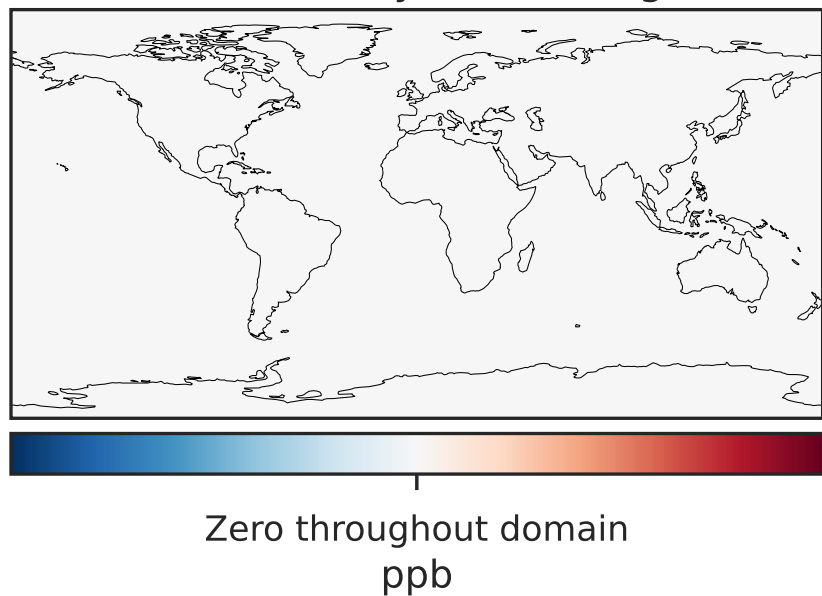
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



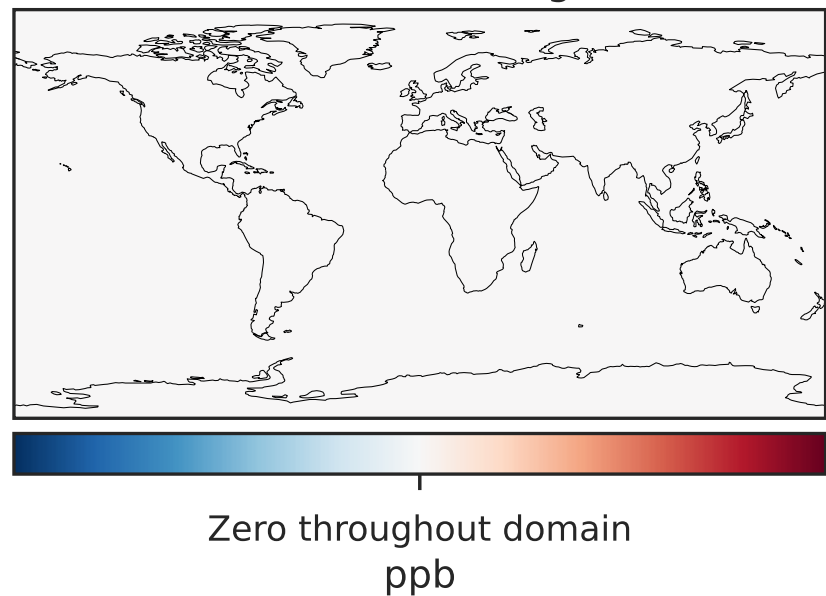
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



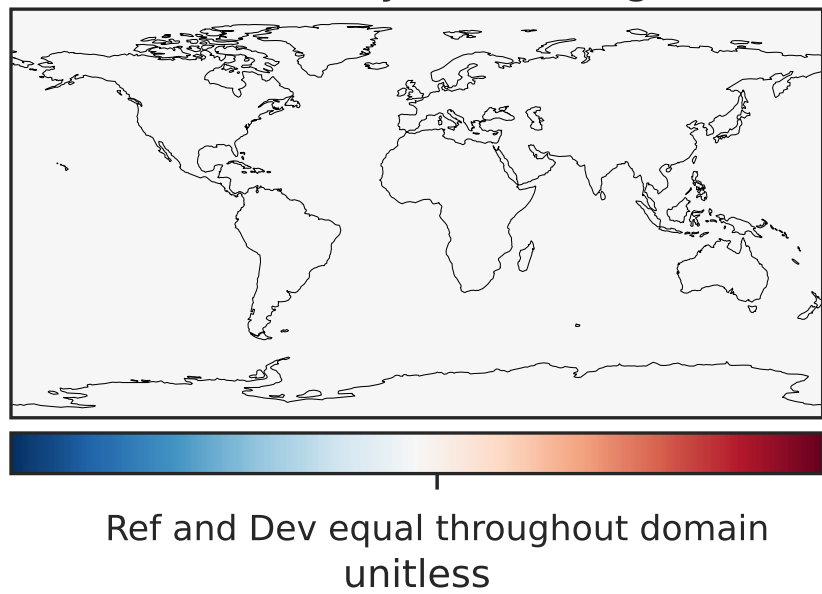
Difference
Dev - Ref, Dynamic Range



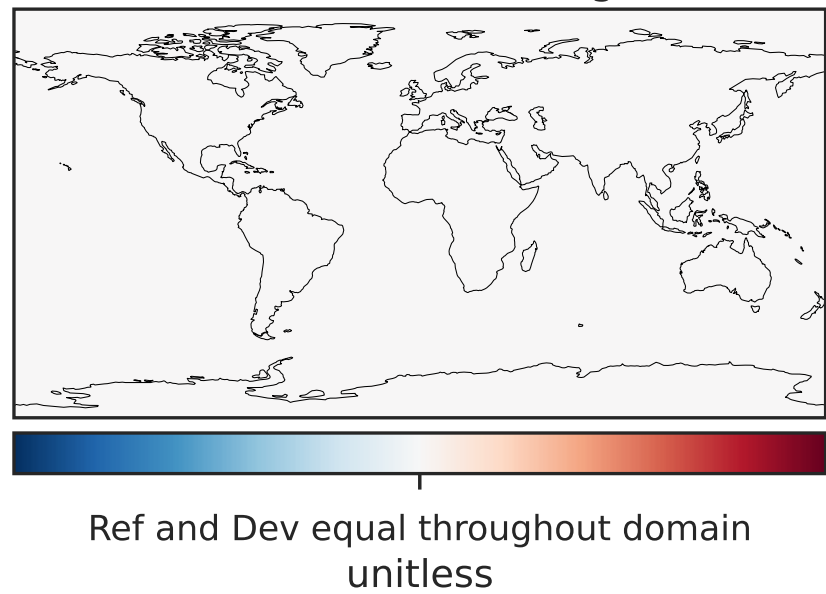
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

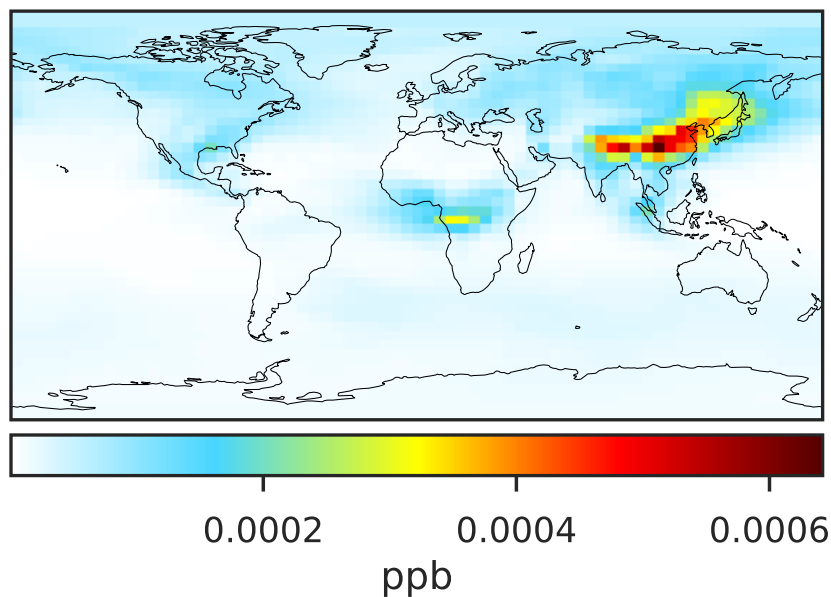


Ratio
Dev/Ref, Fixed Range

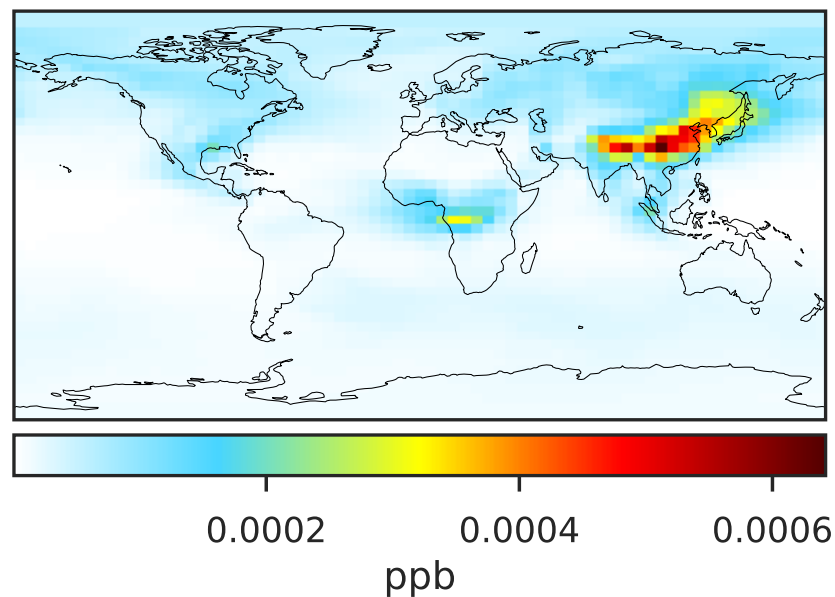


SpeciesConcVV_BZPAN

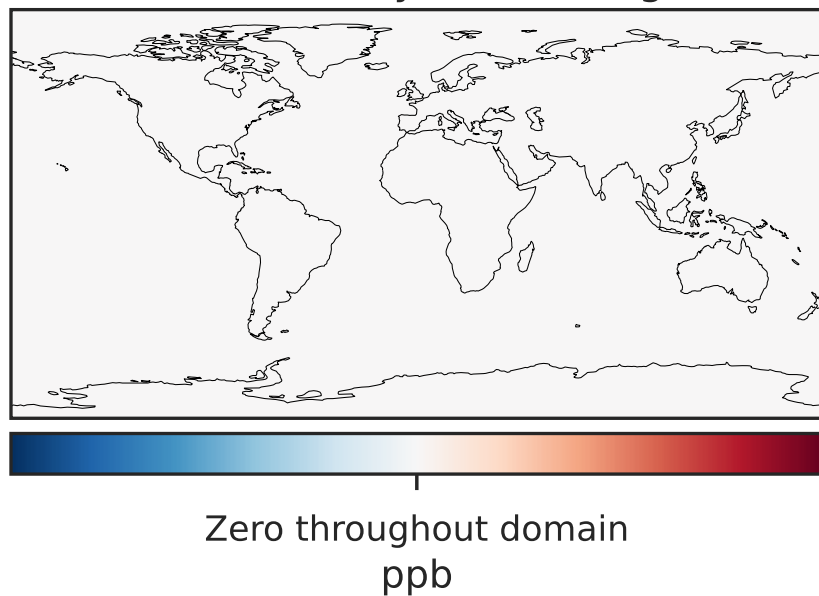
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



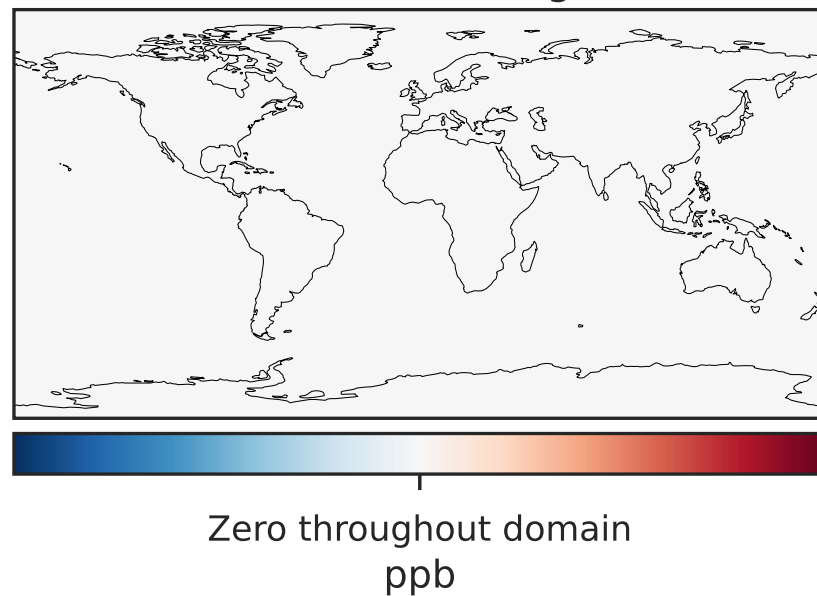
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



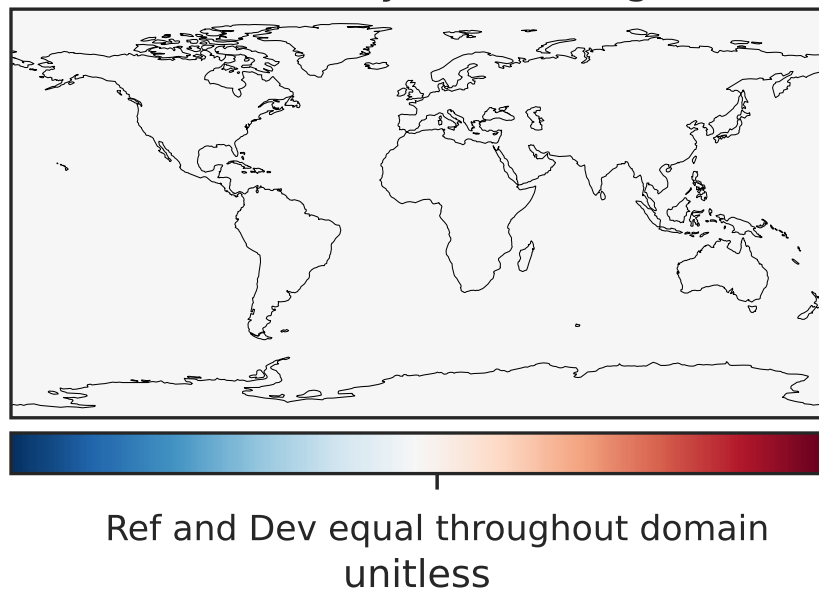
Difference
Dev - Ref, Dynamic Range



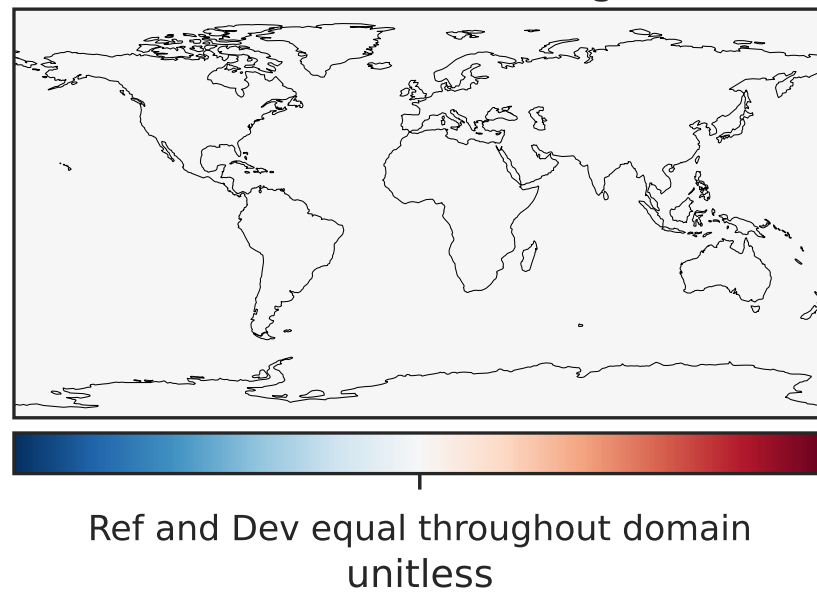
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

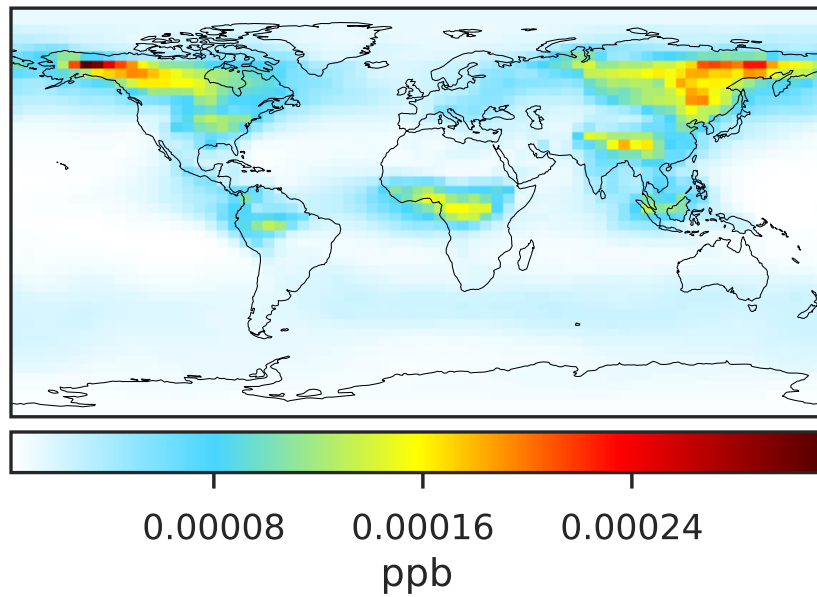


Ratio
Dev/Ref, Fixed Range

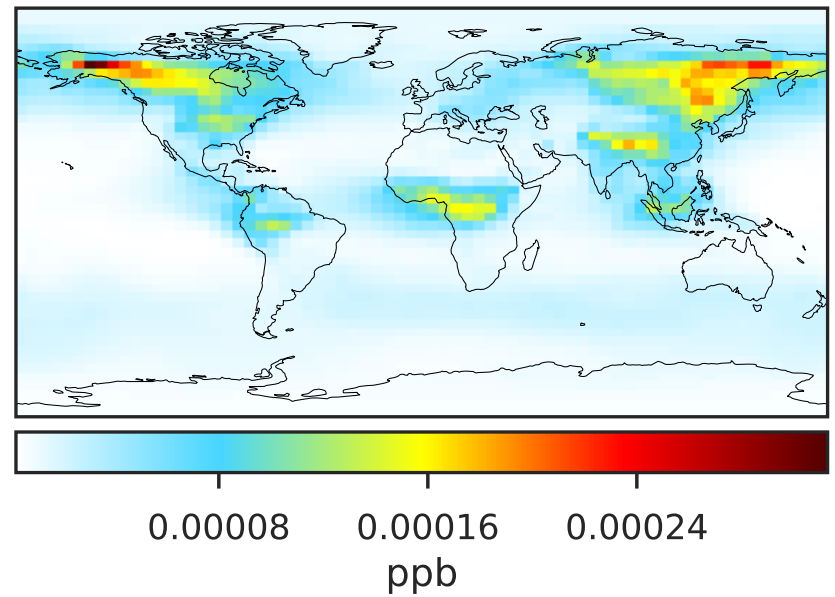


SpeciesConcVV_NPHEN

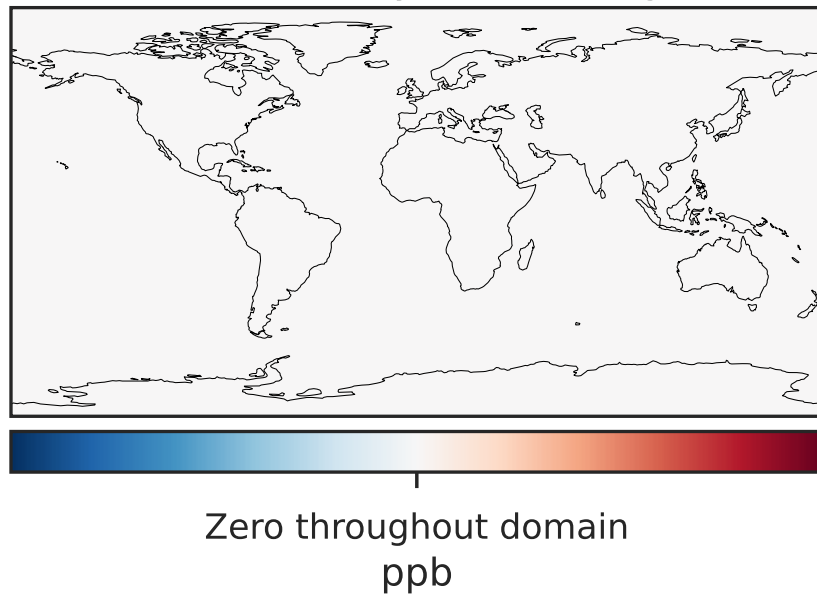
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



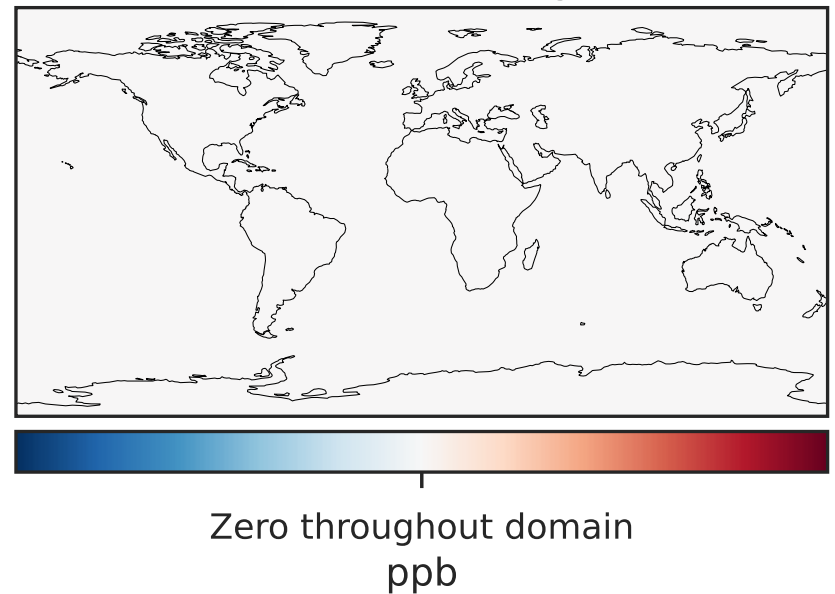
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



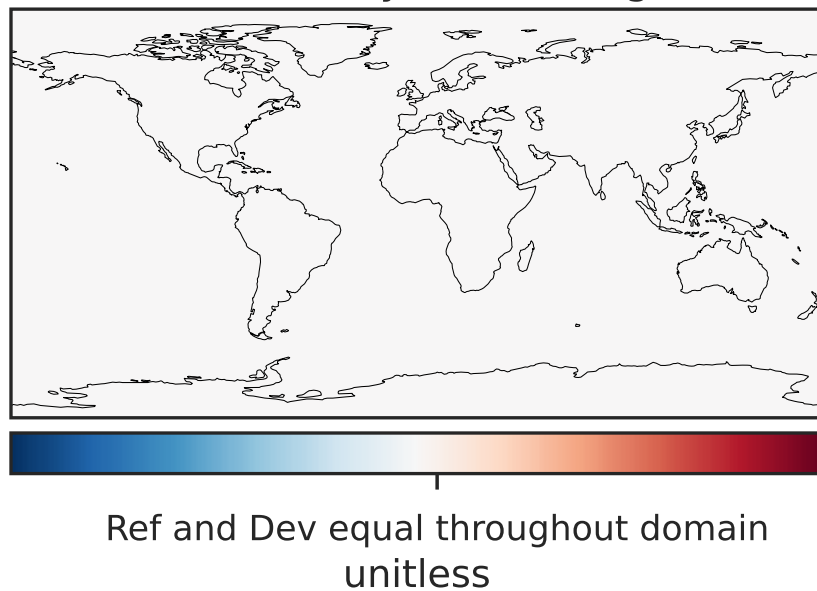
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

