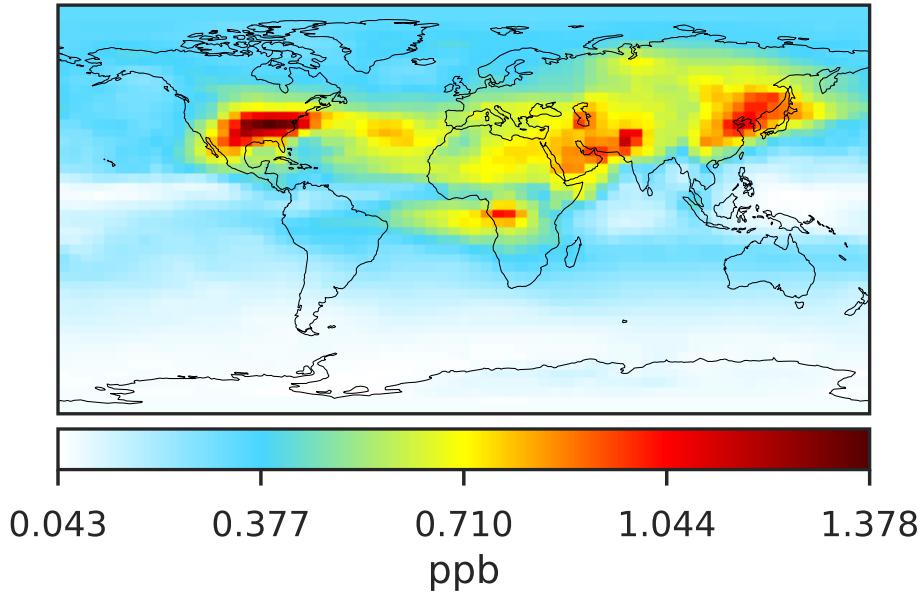
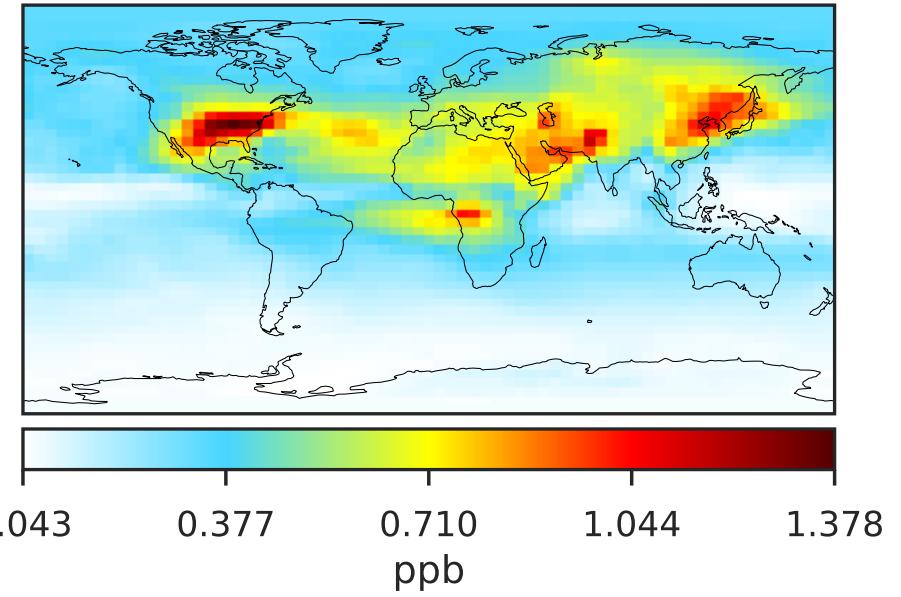


SpeciesConcVV_NOy

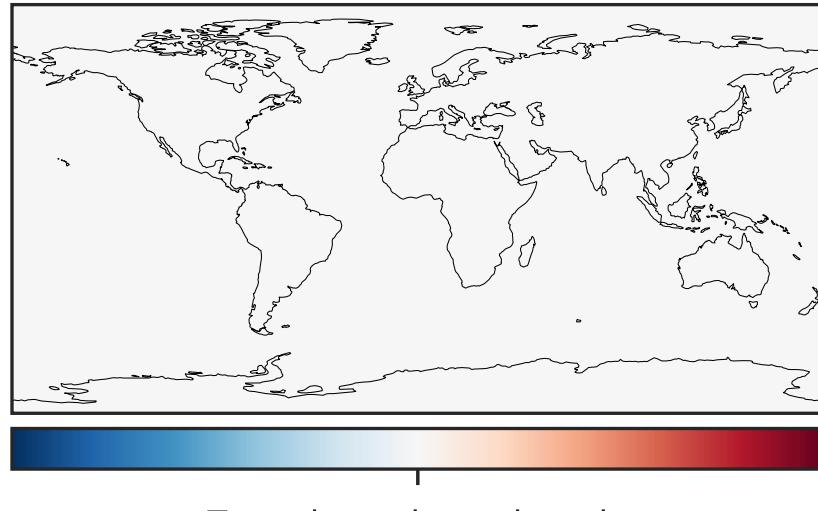
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



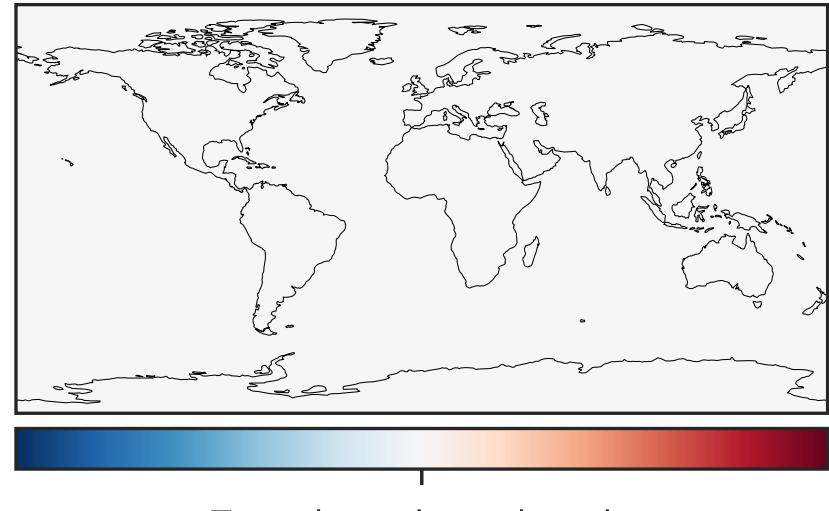
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



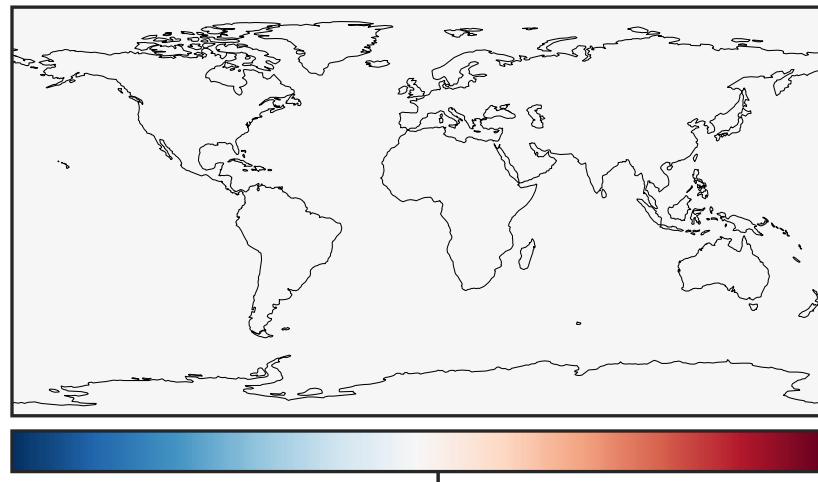
Difference
Dev - Ref, Dynamic Range



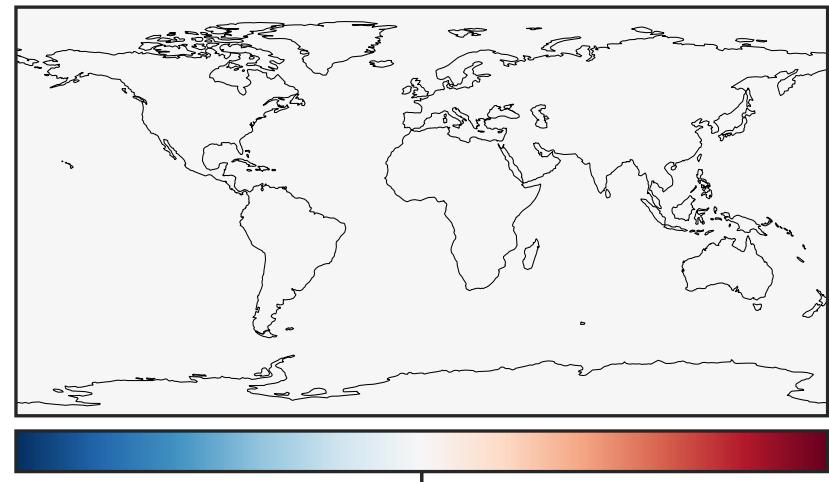
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

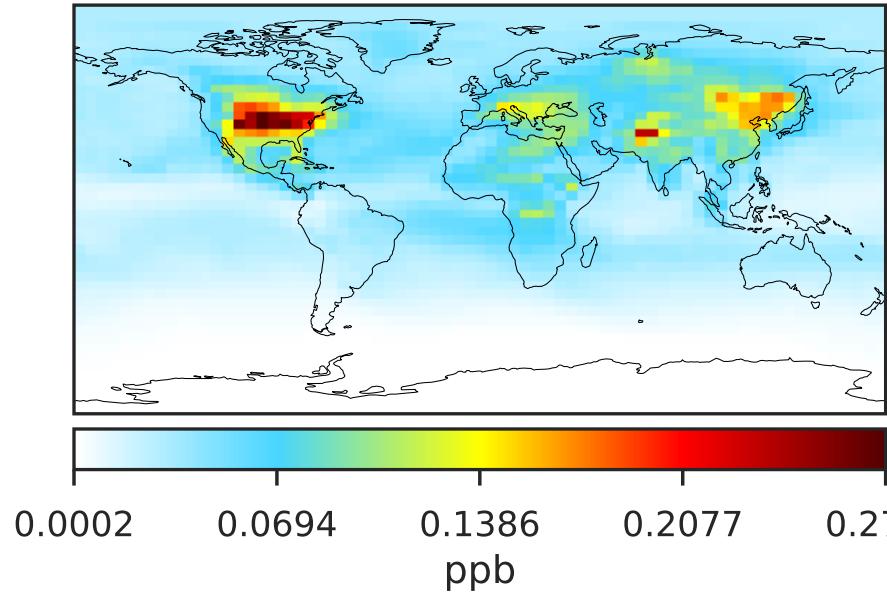


Ratio
Dev/Ref, Fixed Range

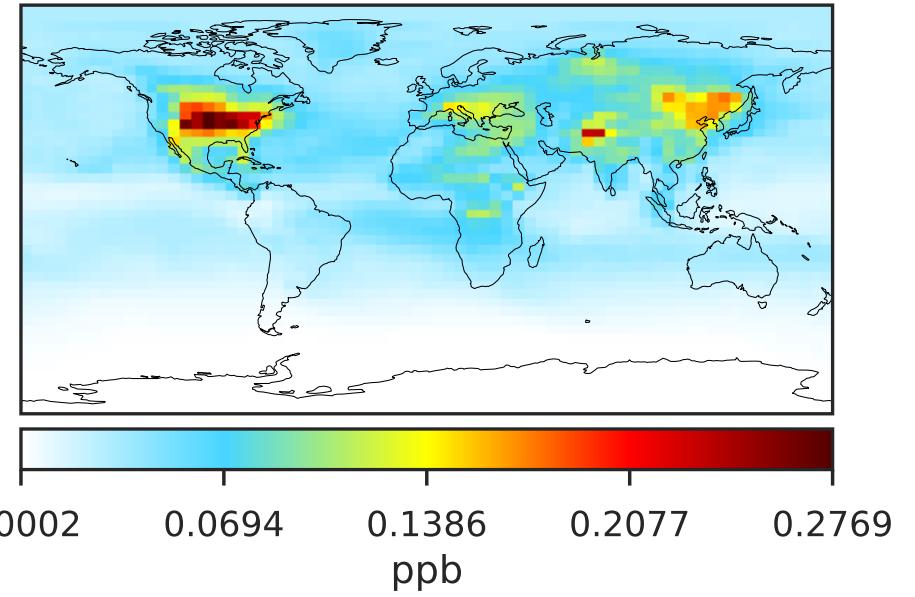


SpeciesConcVV_NOx

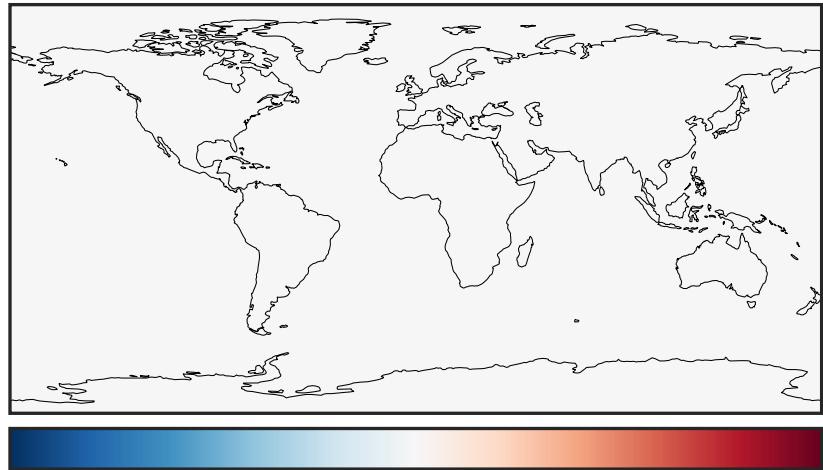
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

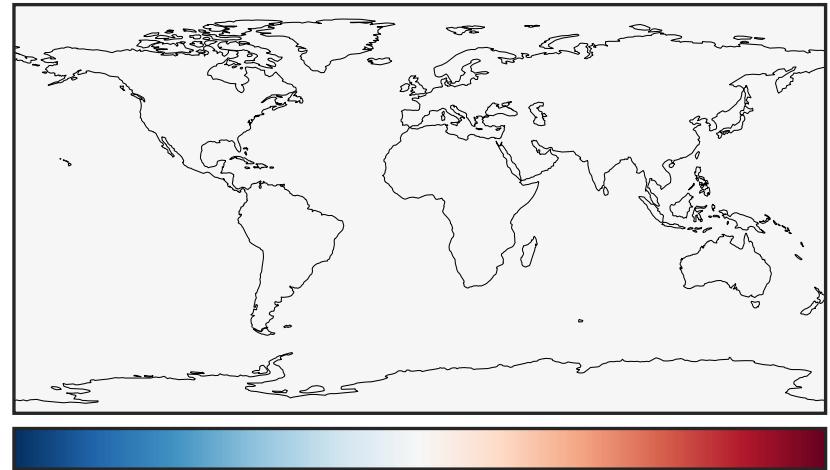


Difference
Dev - Ref, Dynamic Range



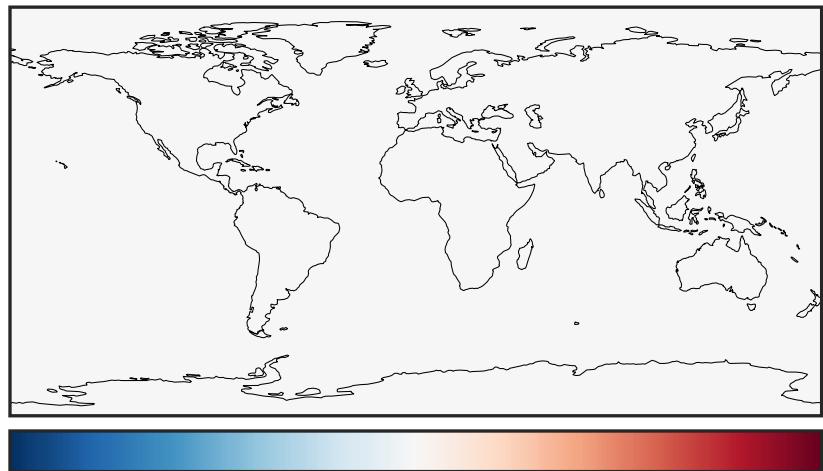
Zero throughout domain
ppb

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



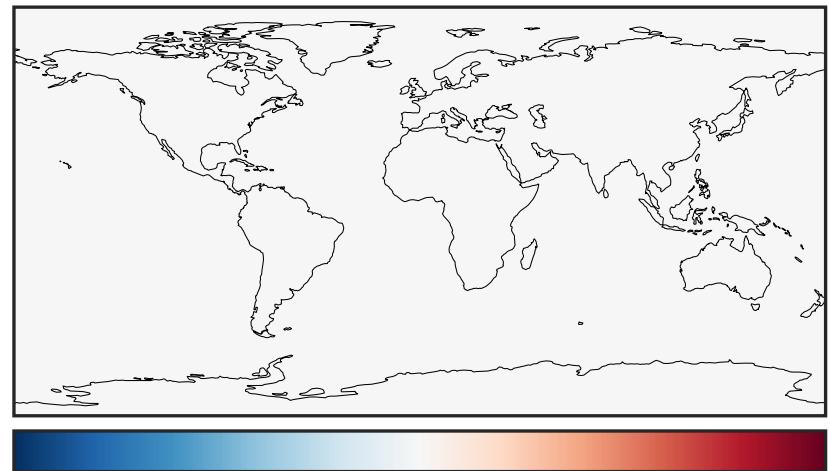
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

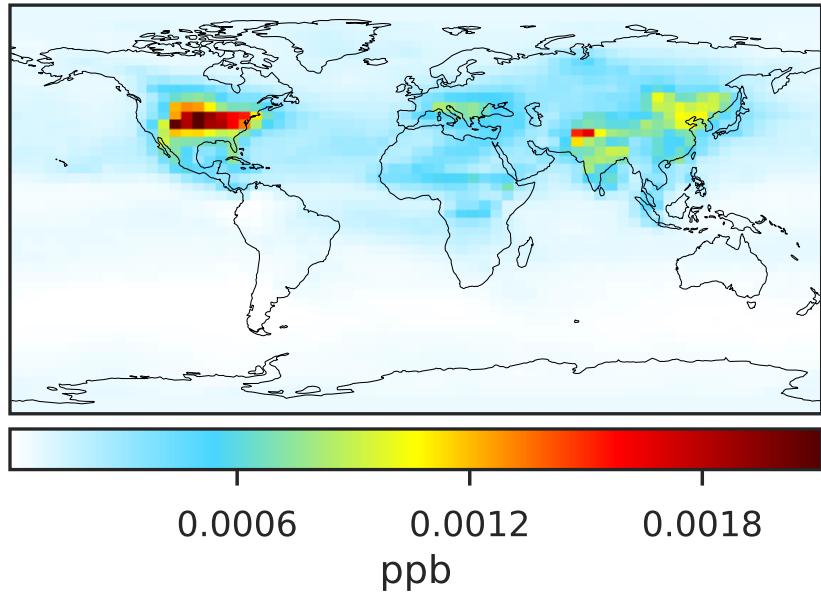
Ratio
Dev/Ref, Fixed Range



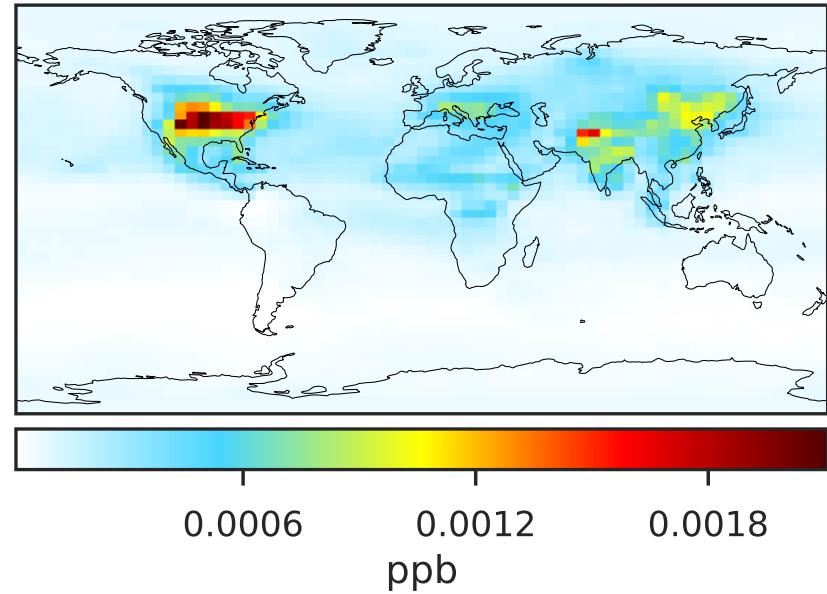
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_HNO2

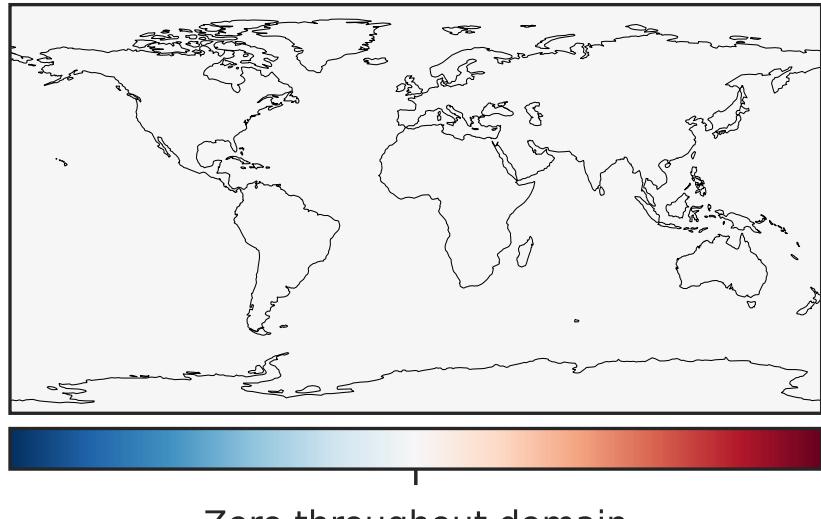
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



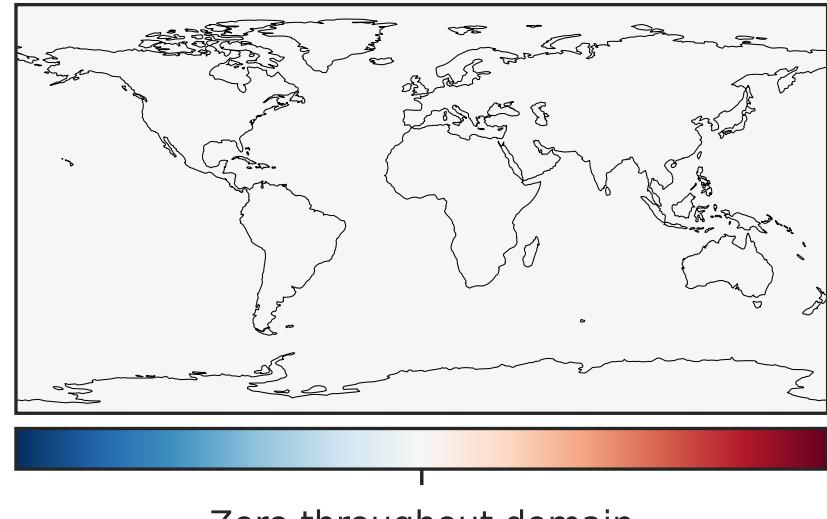
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



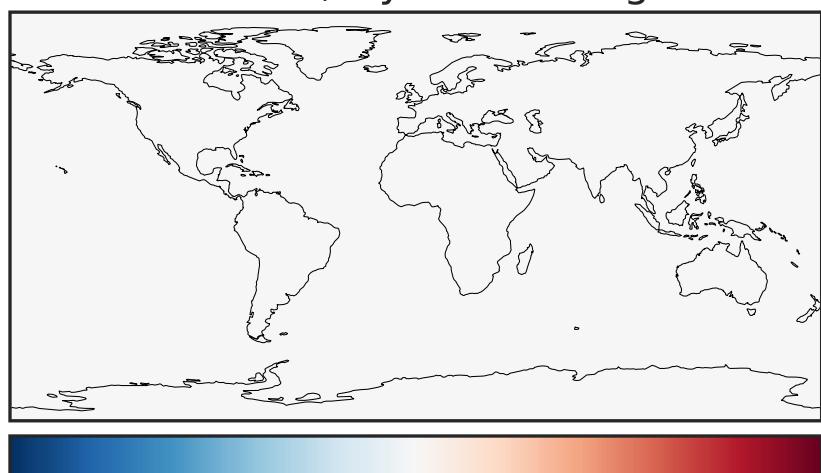
Difference
Dev - Ref, Dynamic Range



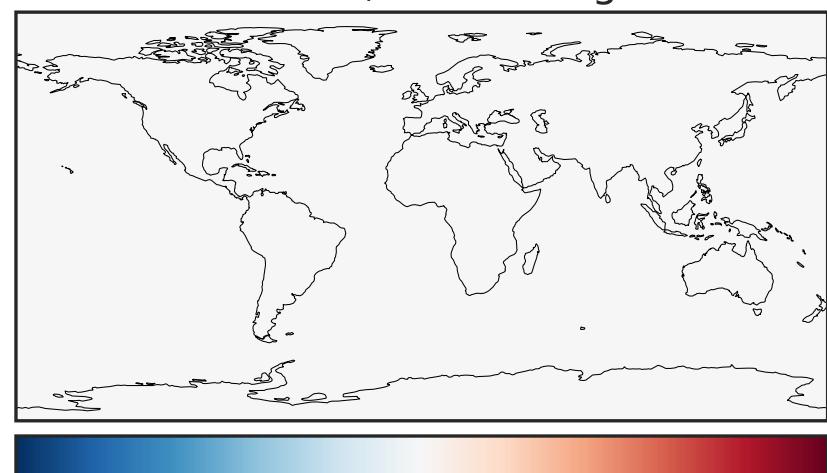
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

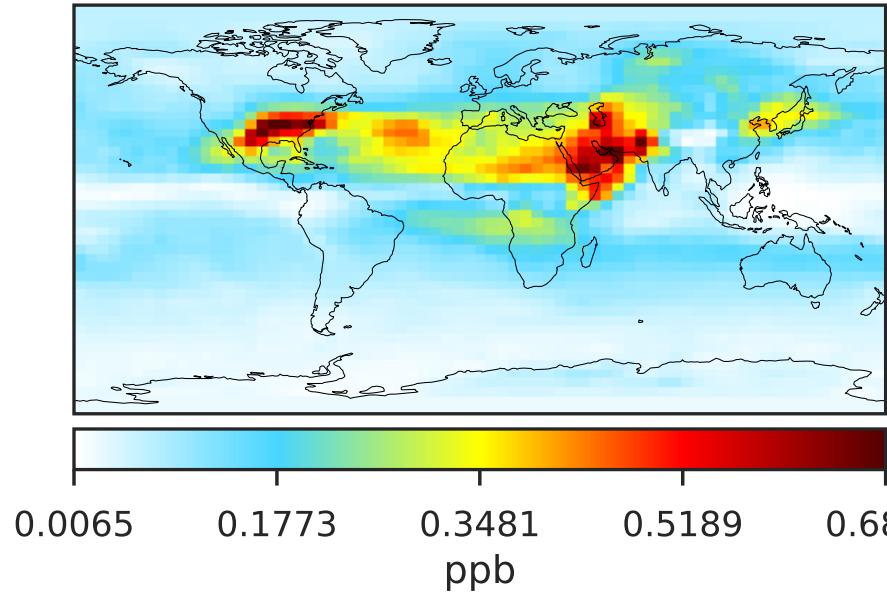


Ratio
Dev/Ref, Fixed Range

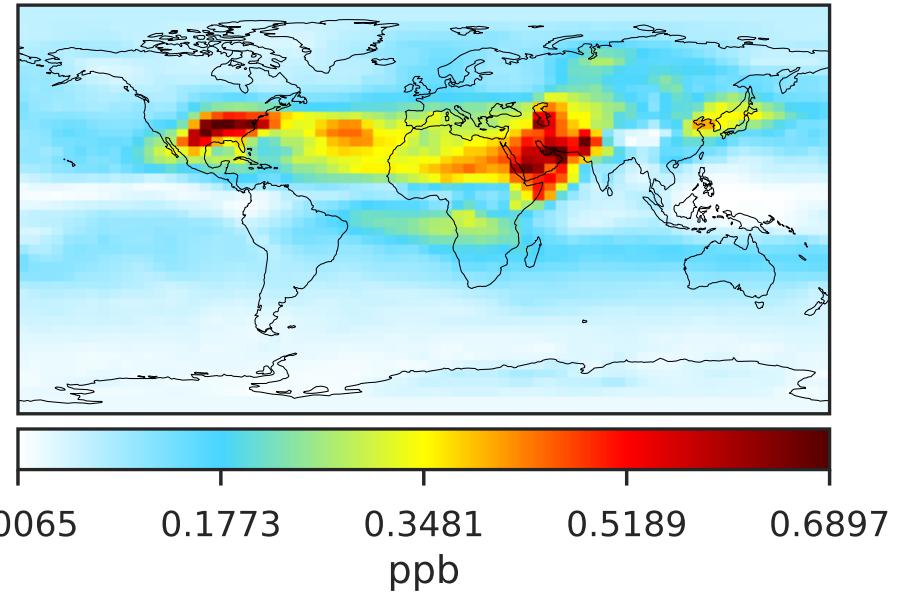


SpeciesConcVV_HNO3

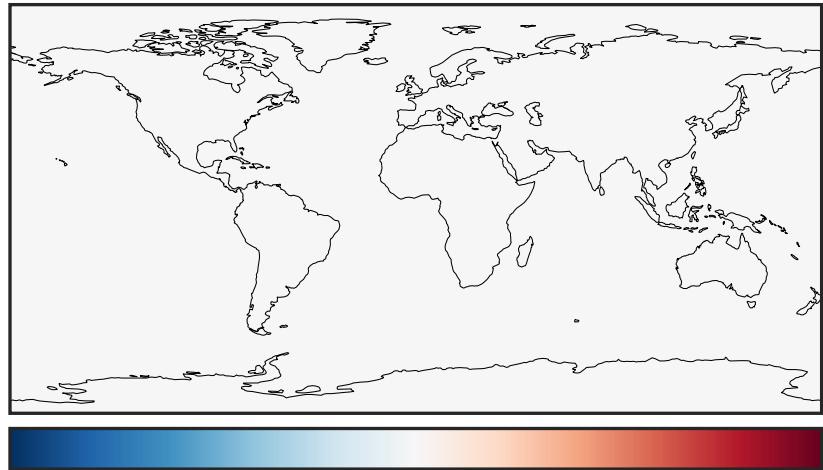
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

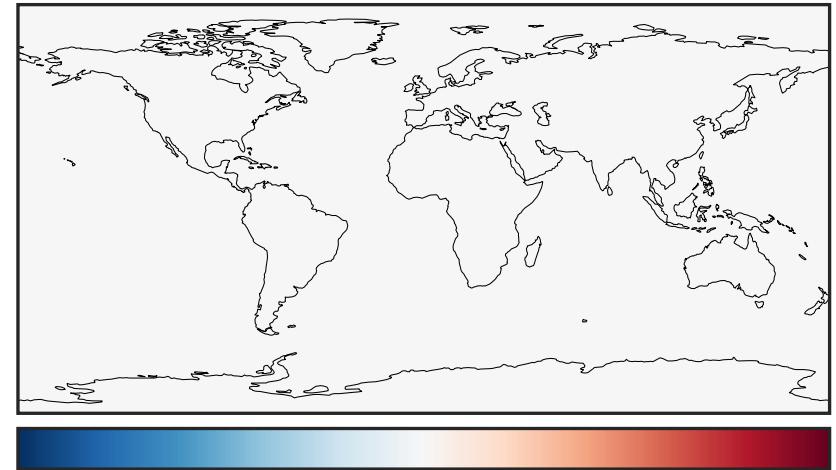


Difference
Dev - Ref, Dynamic Range



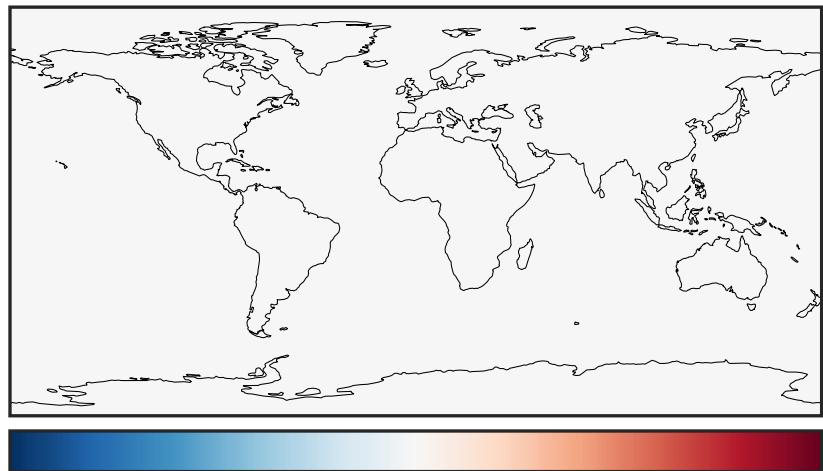
Zero throughout domain
ppb

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



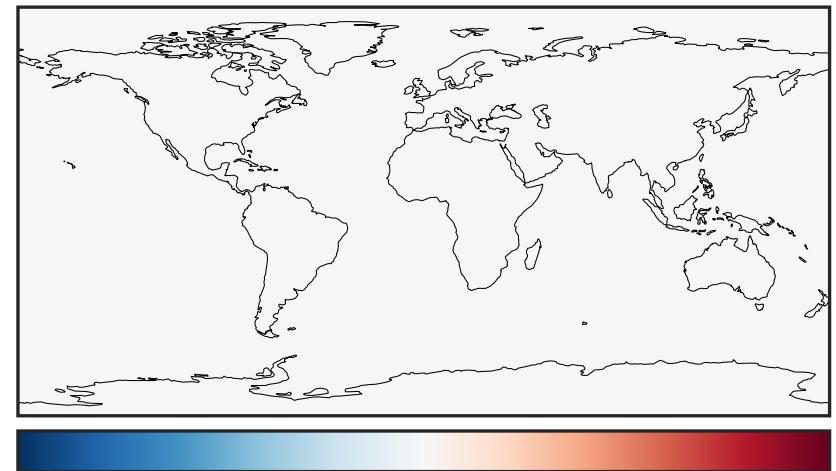
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

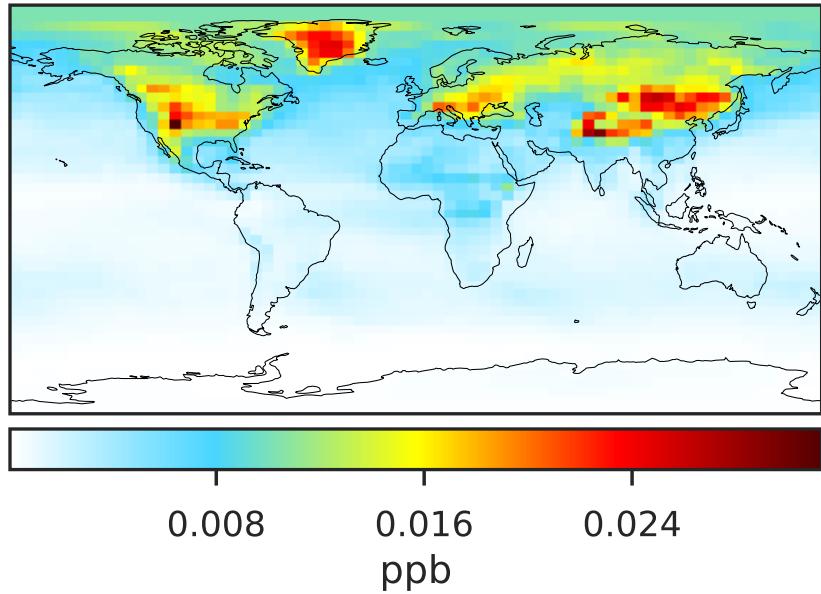
Ratio
Dev/Ref, Fixed Range



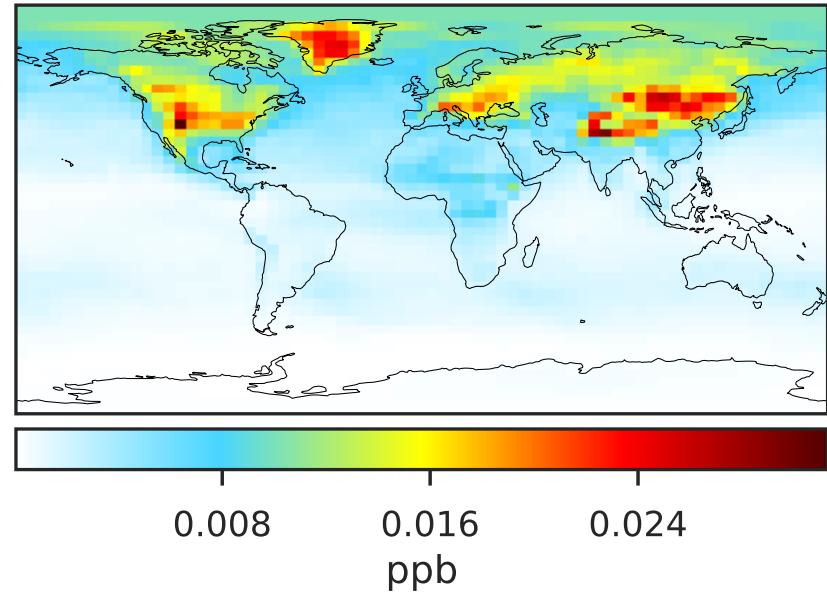
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_HNO4

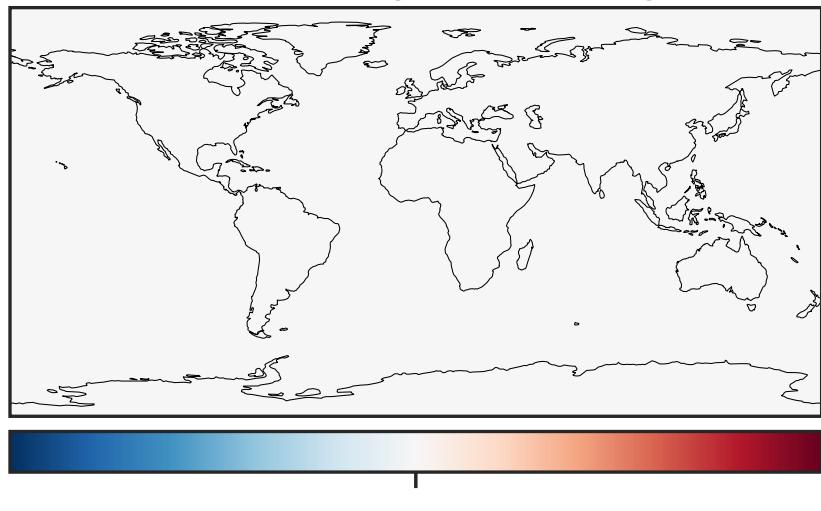
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



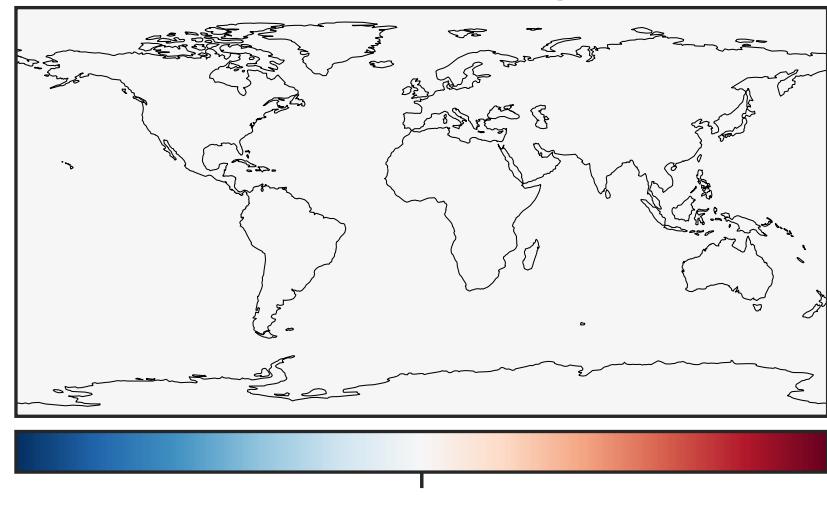
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



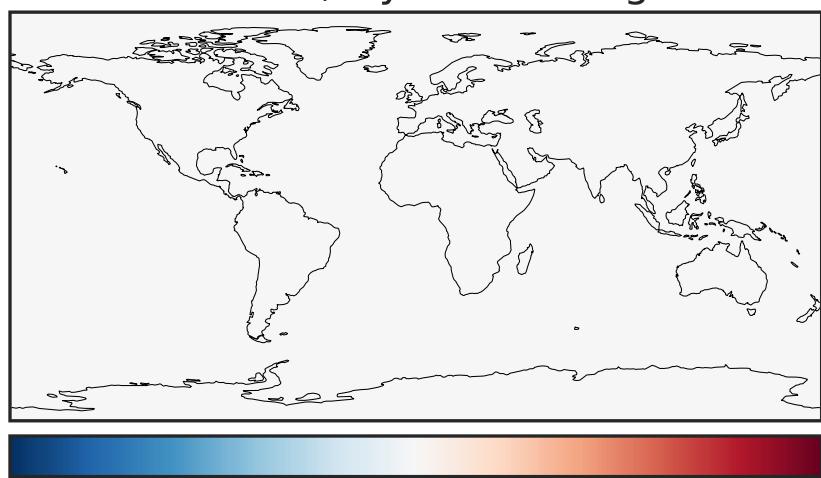
Difference
Dev - Ref, Dynamic Range



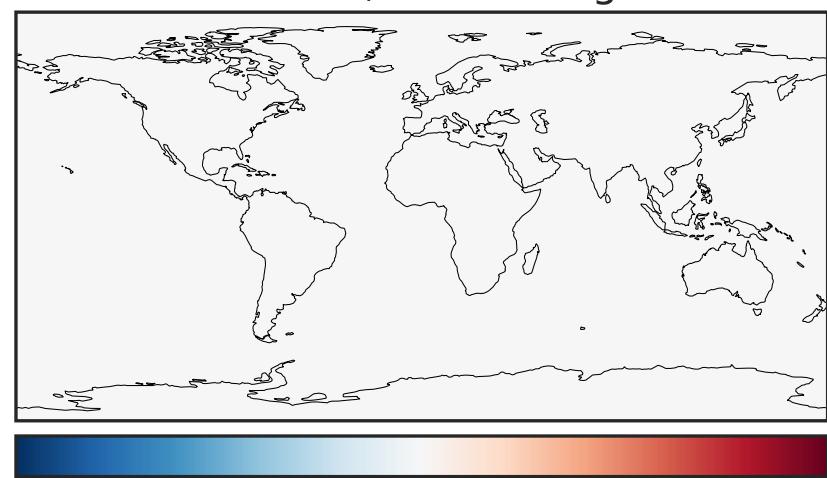
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

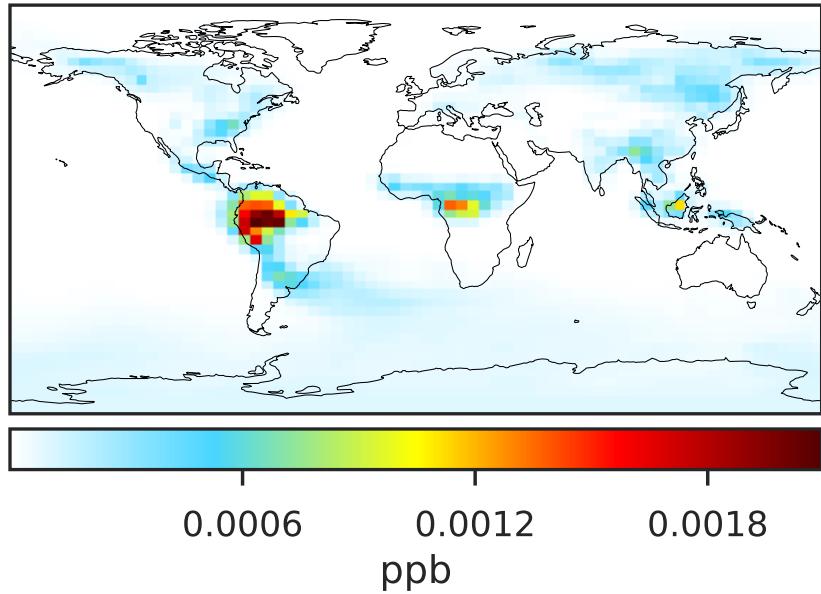


Ratio
Dev/Ref, Fixed Range

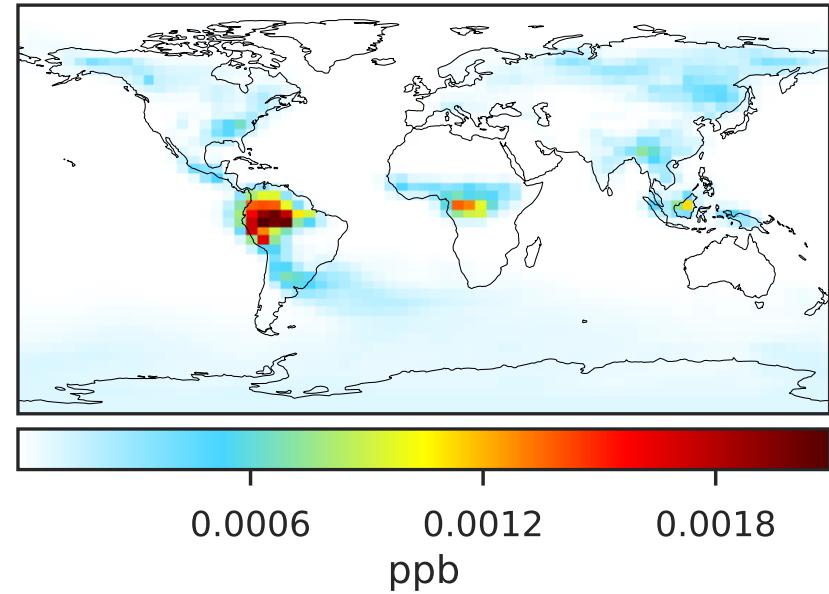


SpeciesConcVV_MPAN

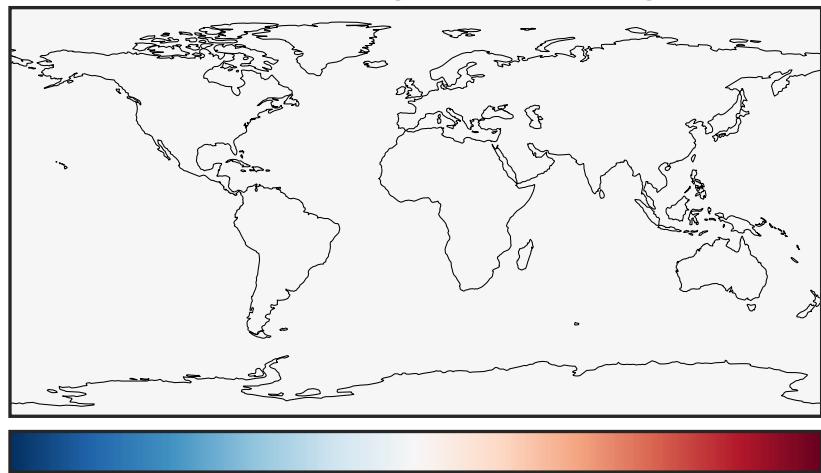
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4.0x5.0



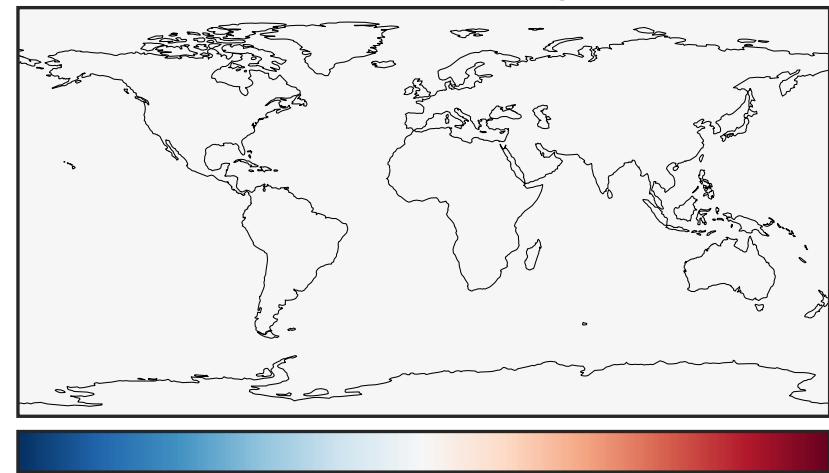
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



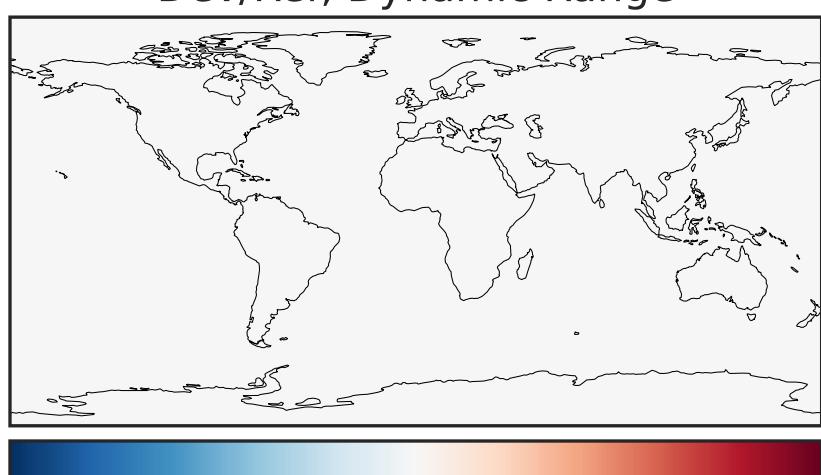
Difference
Dev - Ref, Dynamic Range



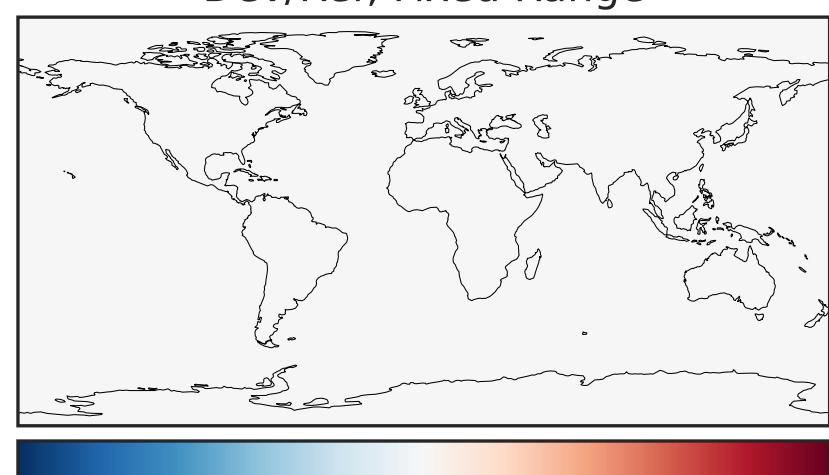
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

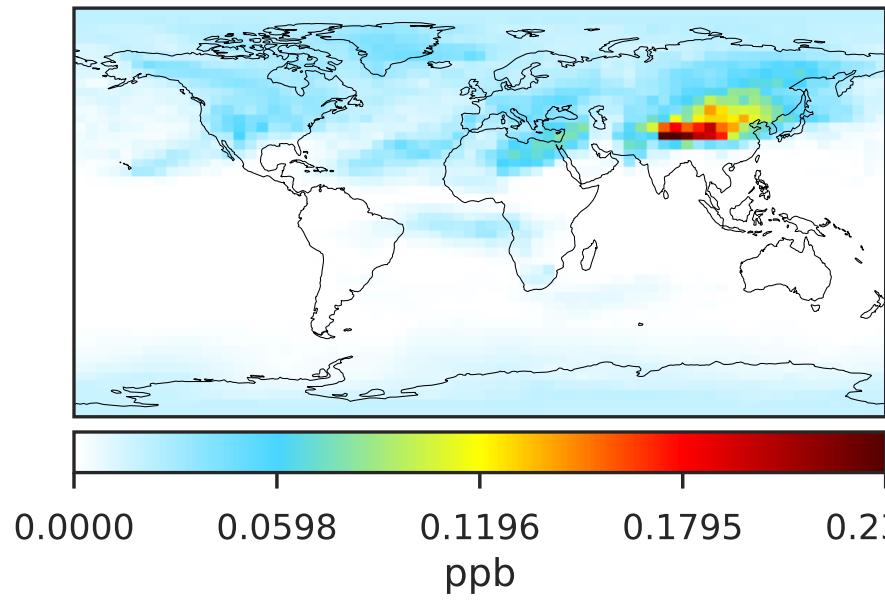


Ratio
Dev/Ref, Fixed Range

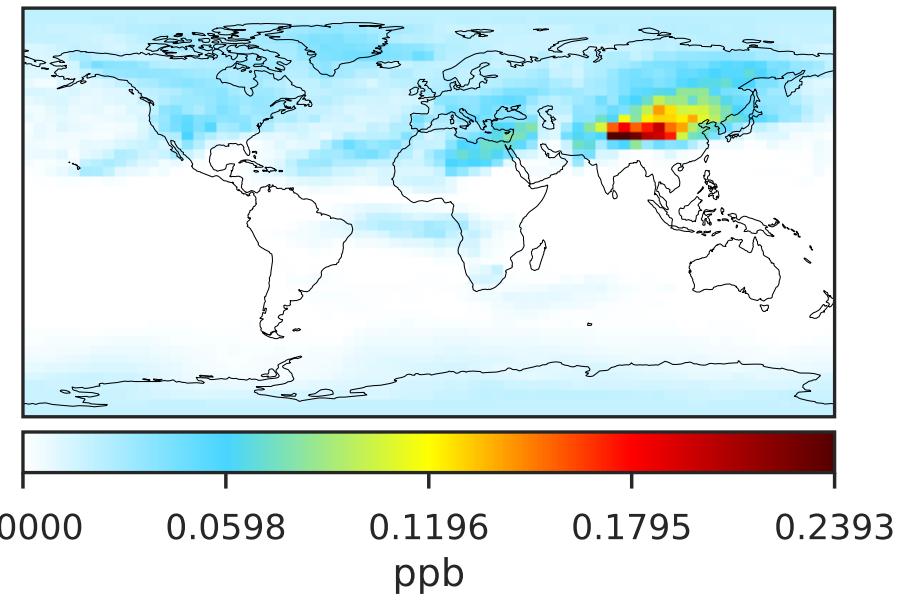


SpeciesConcVV_NIT

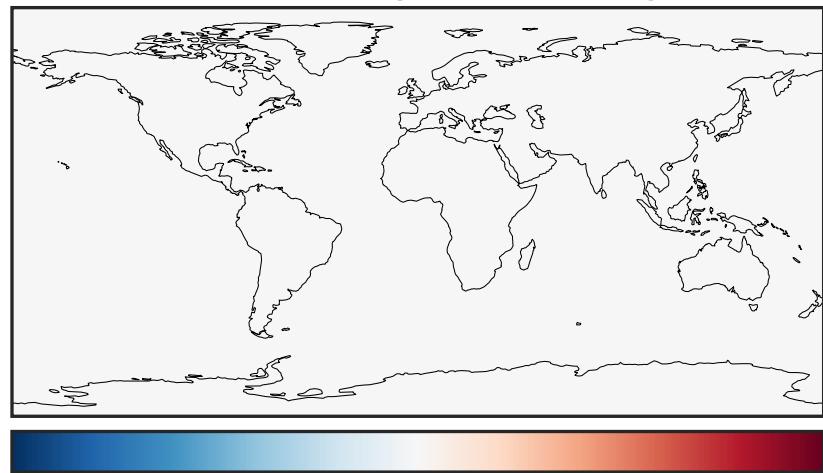
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



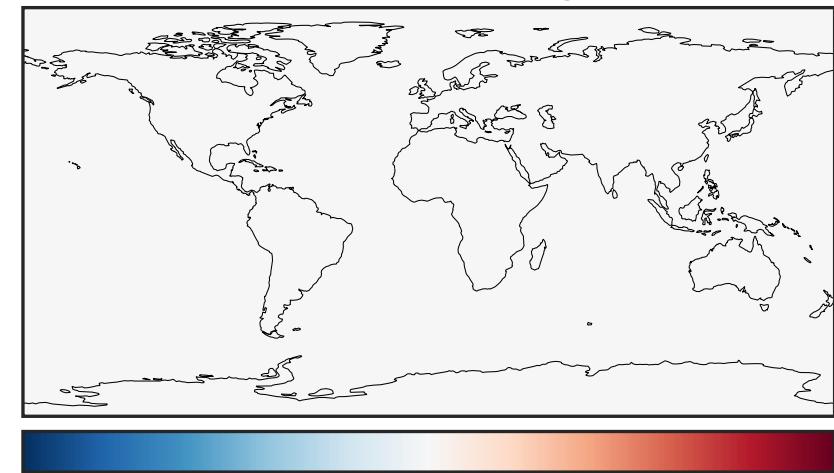
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



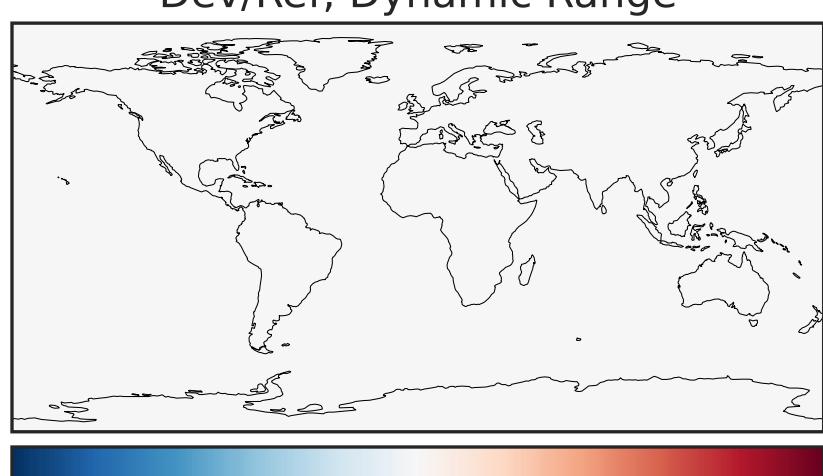
Difference
Dev - Ref, Dynamic Range



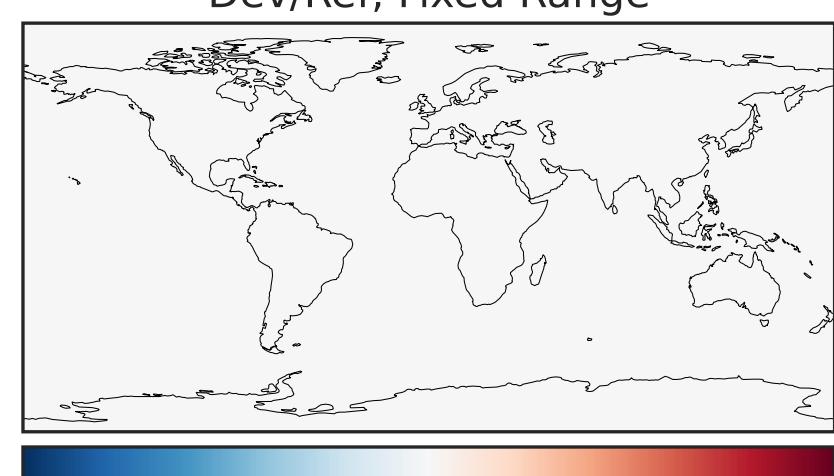
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

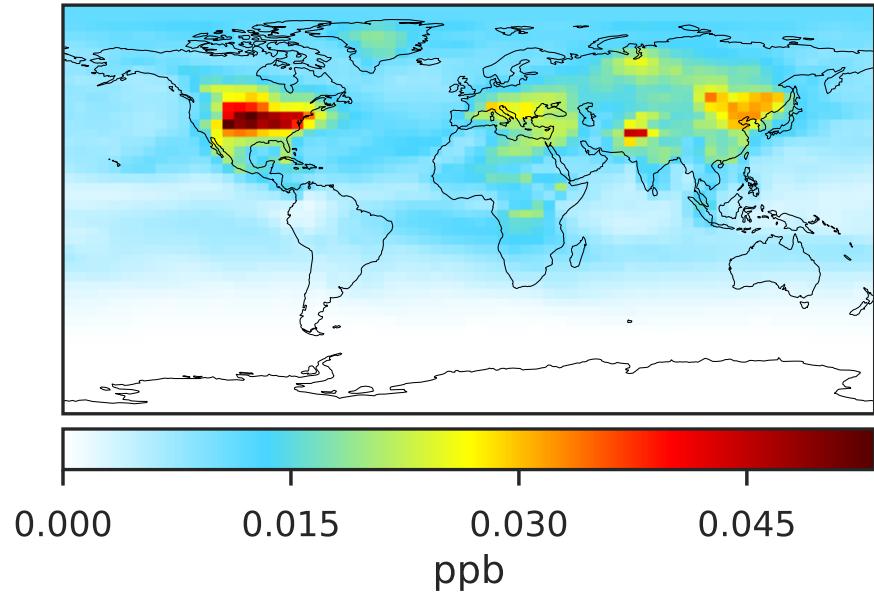


Ratio
Dev/Ref, Fixed Range

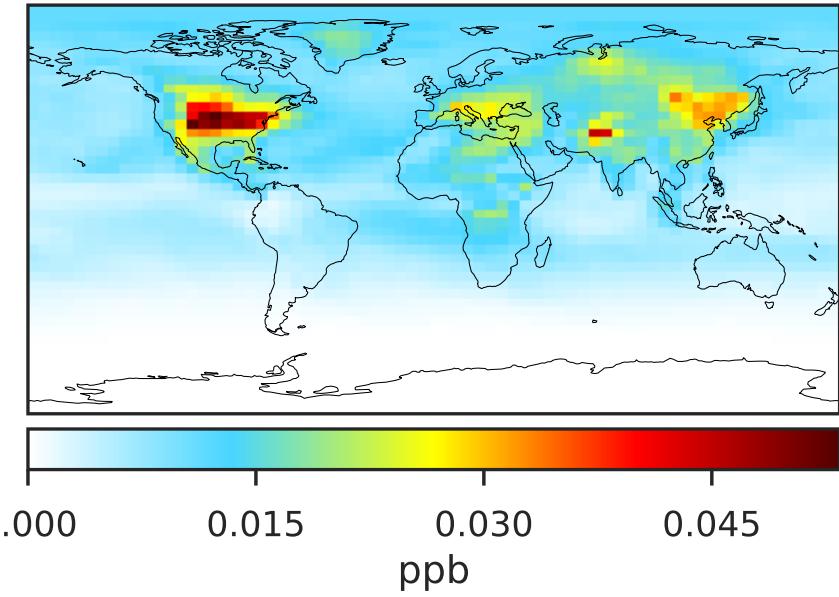


SpeciesConcVV_NO

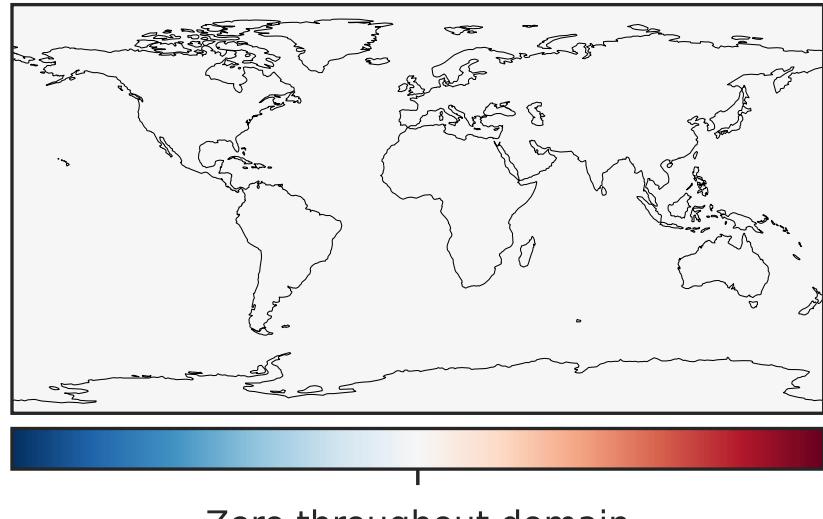
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



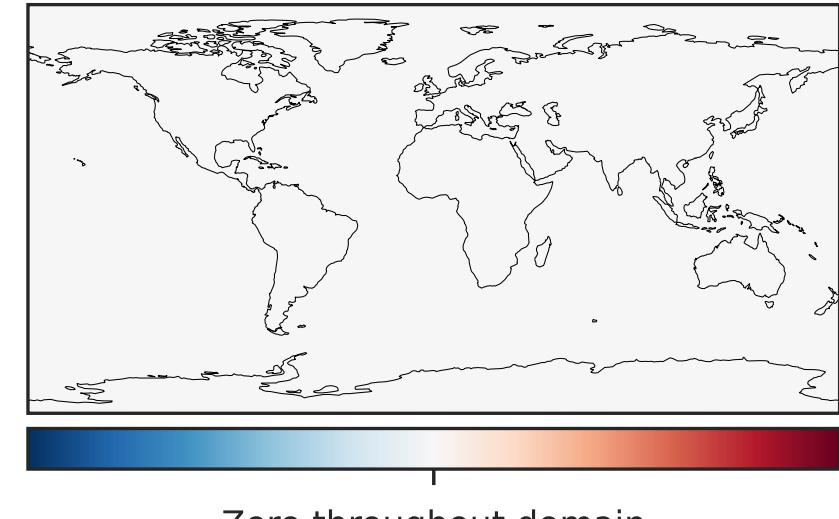
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



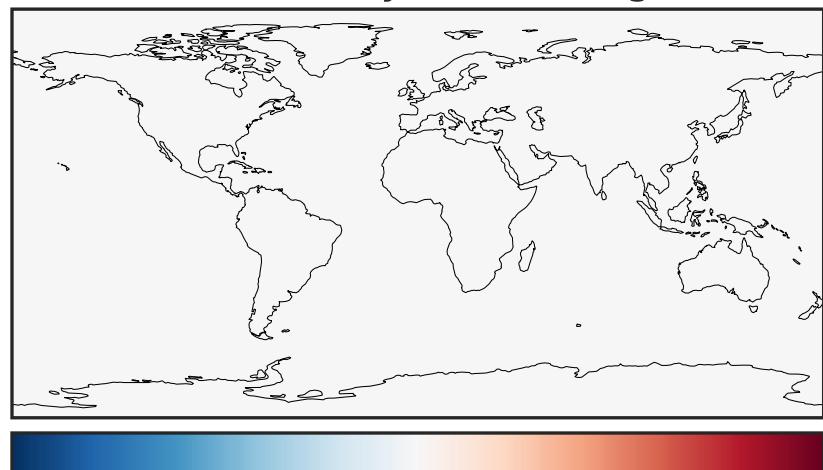
Difference
Dev - Ref, Dynamic Range



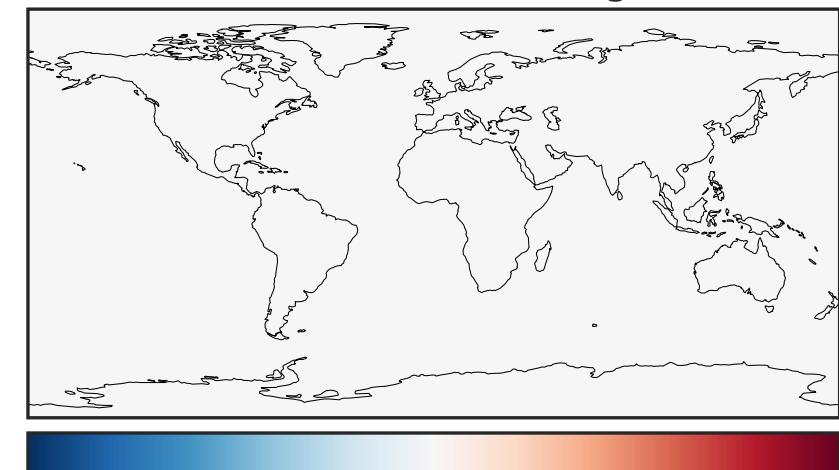
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

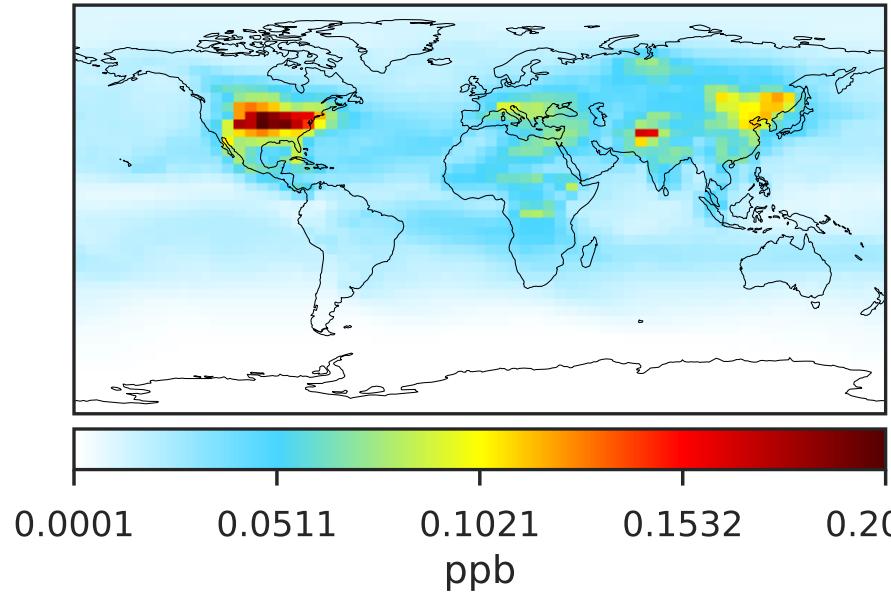


Ratio
Dev/Ref, Fixed Range

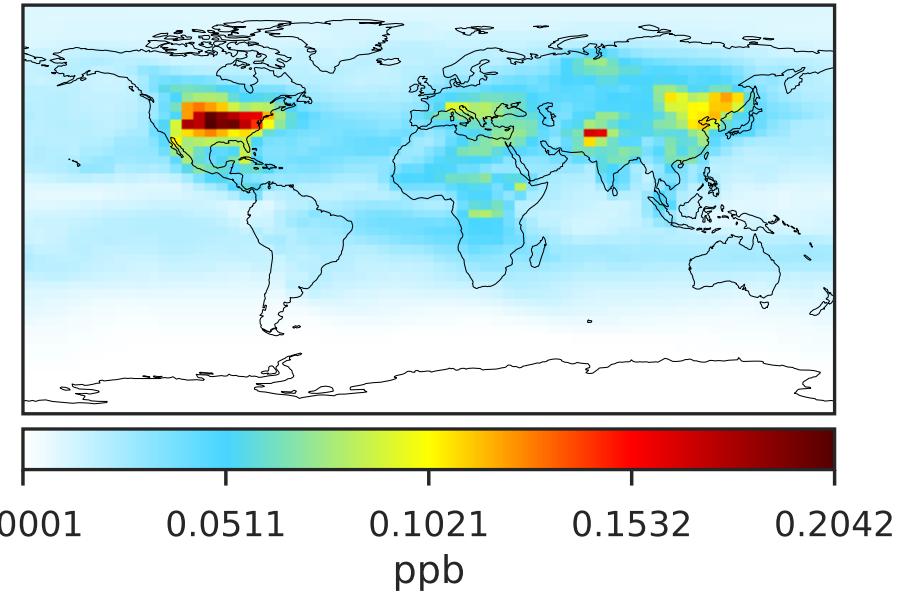


SpeciesConcVV_NO2

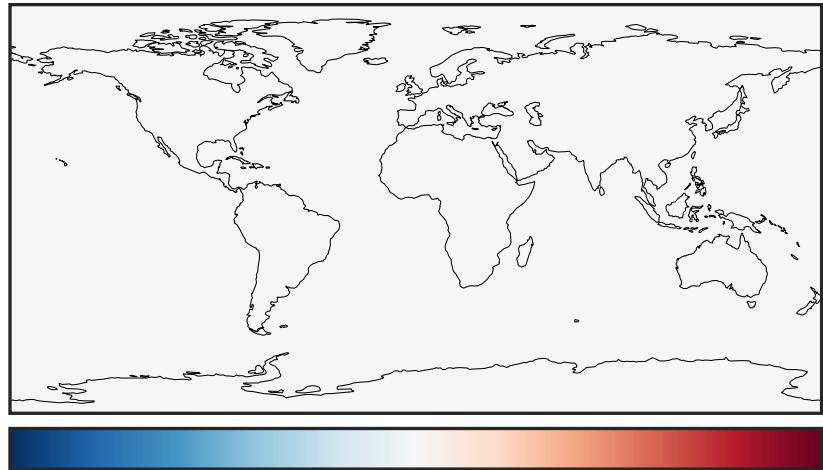
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

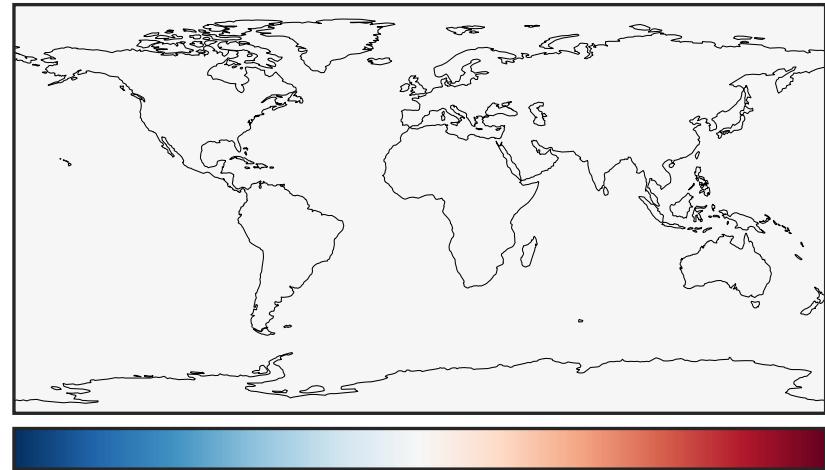


Difference
Dev - Ref, Dynamic Range



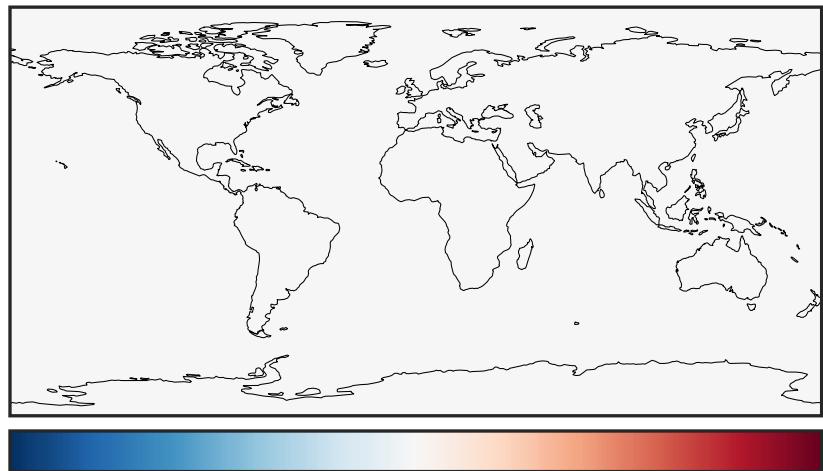
Zero throughout domain
ppb

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



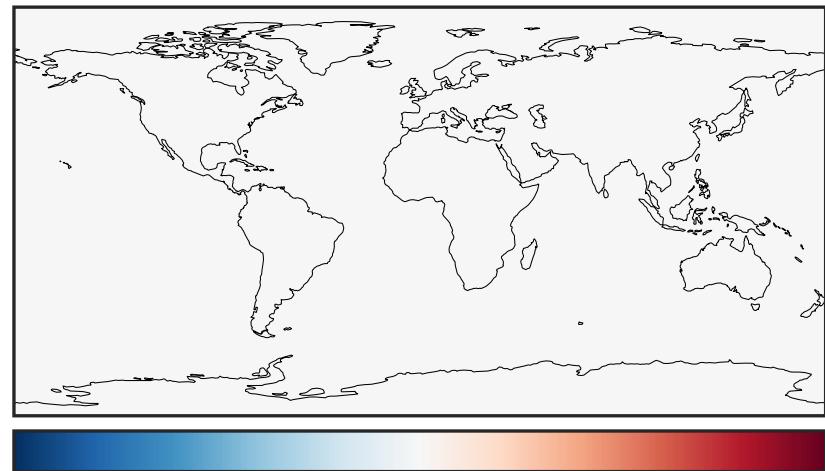
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

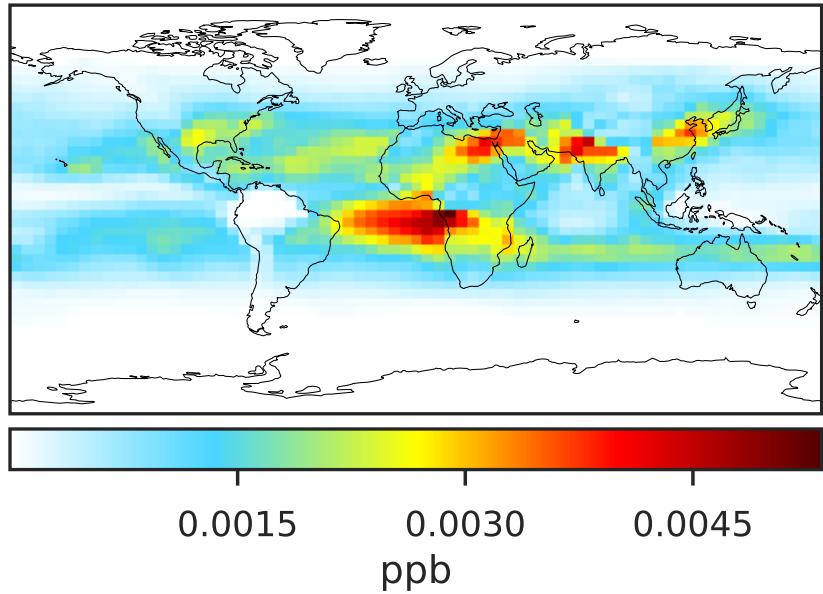
Ratio
Dev/Ref, Fixed Range



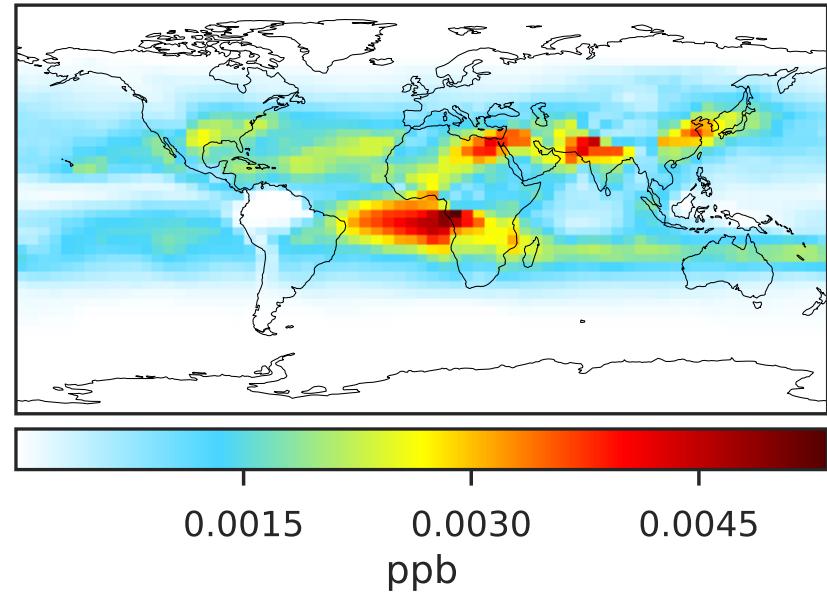
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NO3

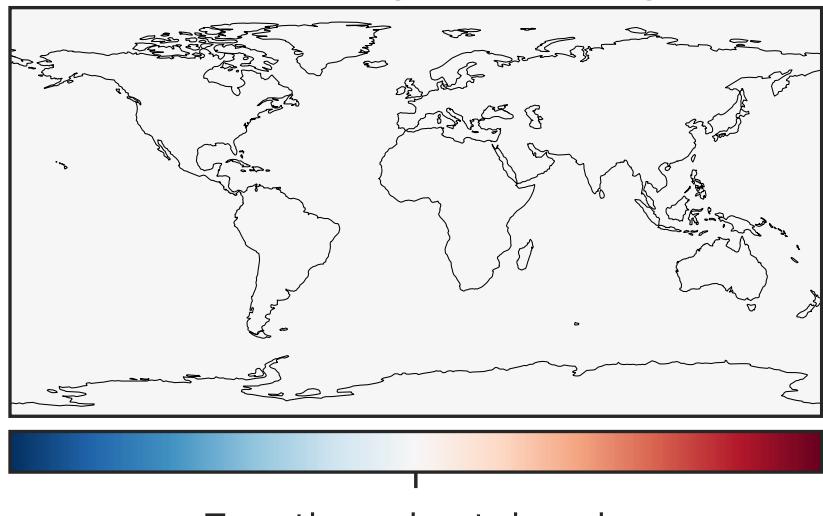
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



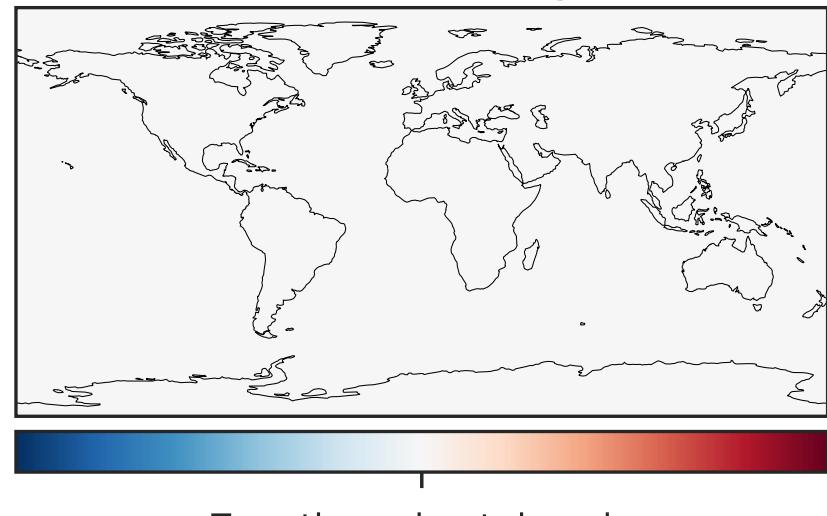
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



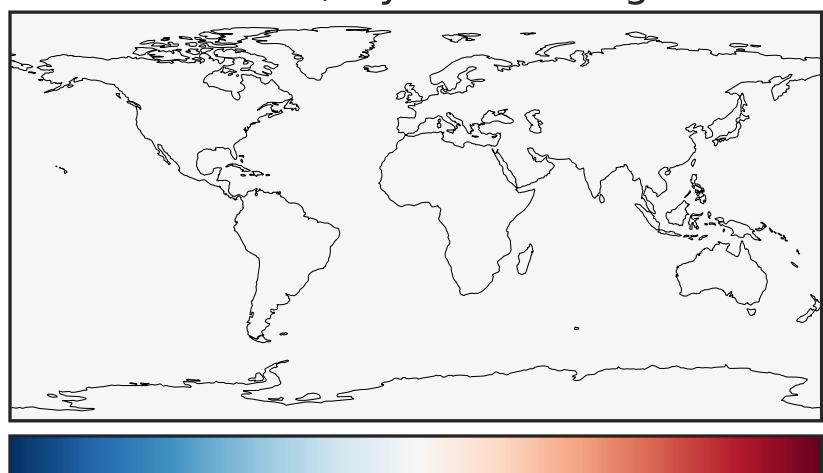
Difference
Dev - Ref, Dynamic Range



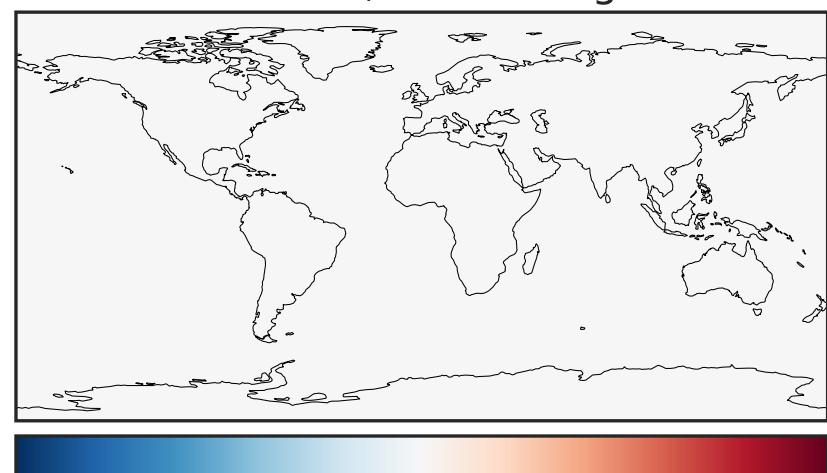
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

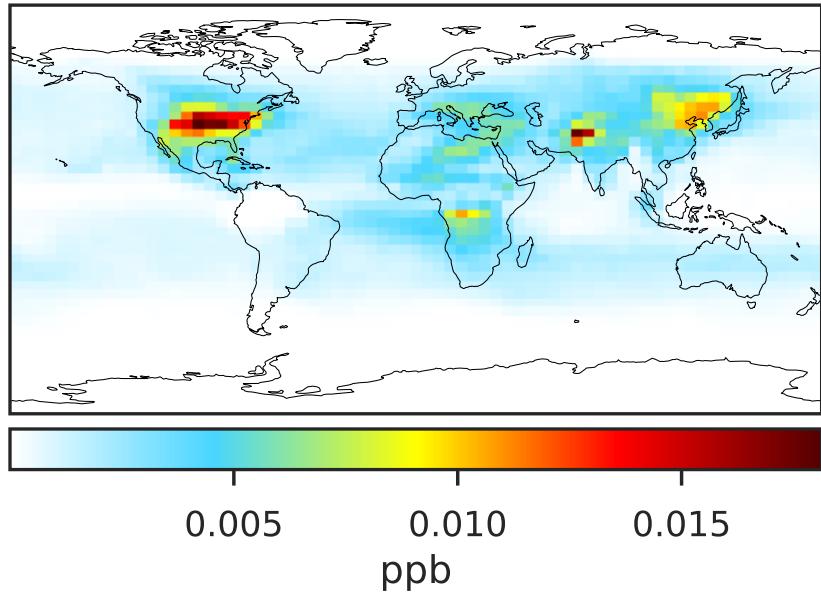


Ratio
Dev/Ref, Fixed Range

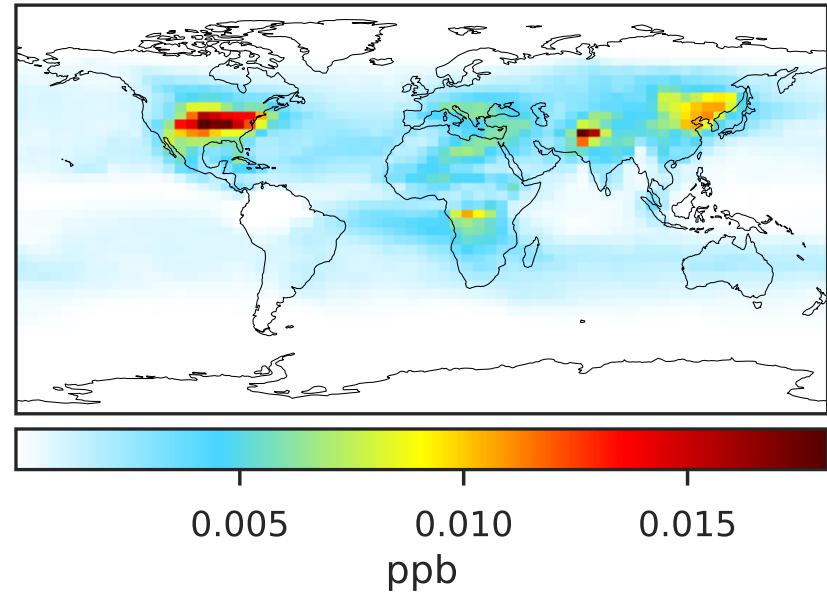


SpeciesConcVV_N205

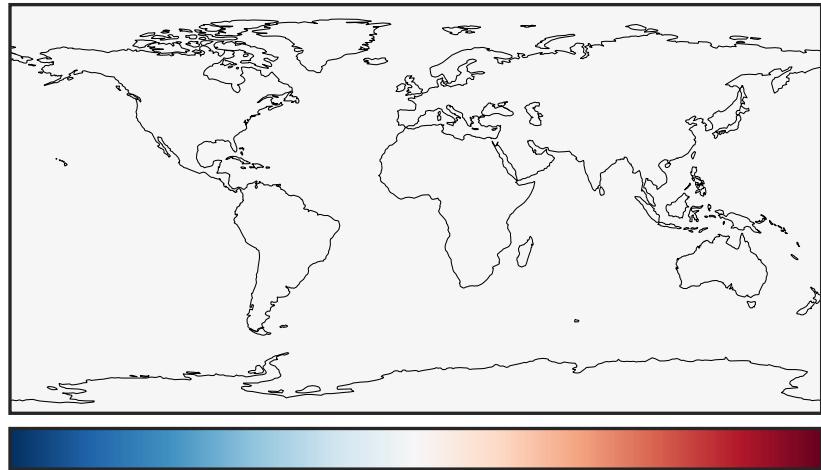
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



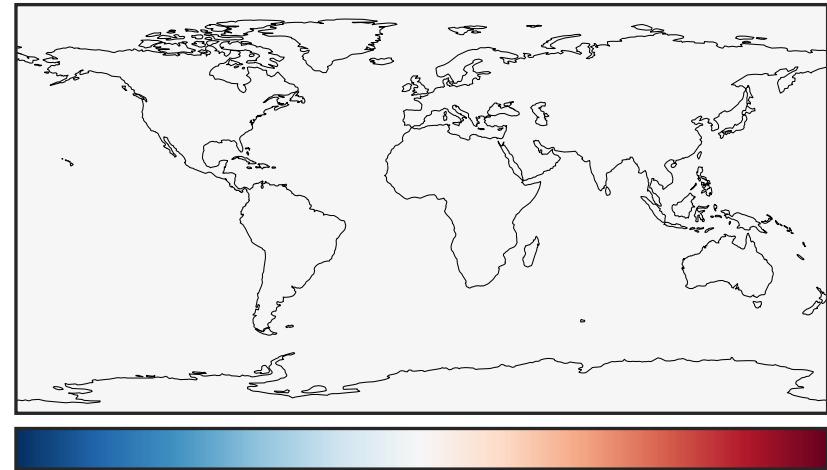
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4.0x5.0



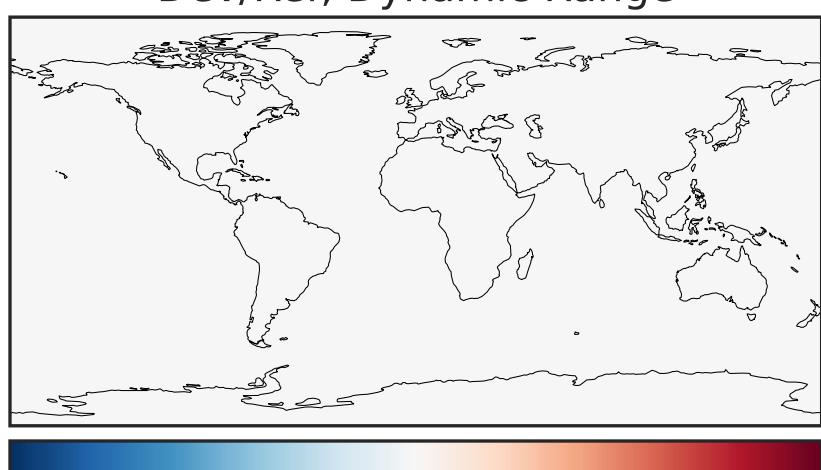
Difference
Dev - Ref, Dynamic Range



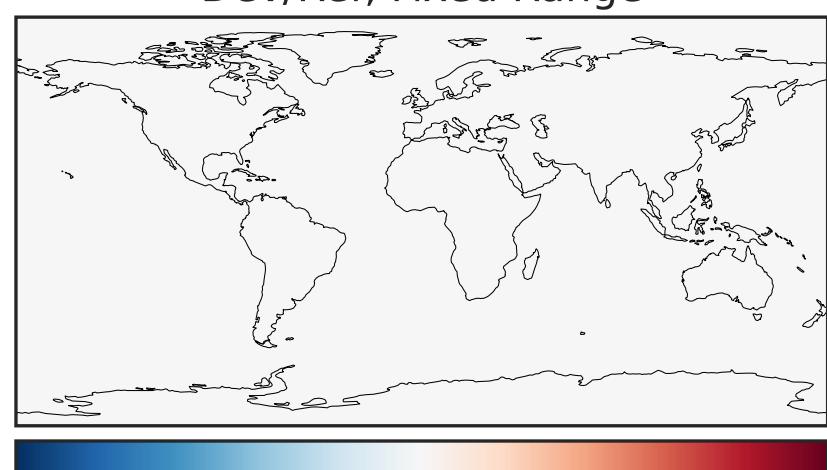
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

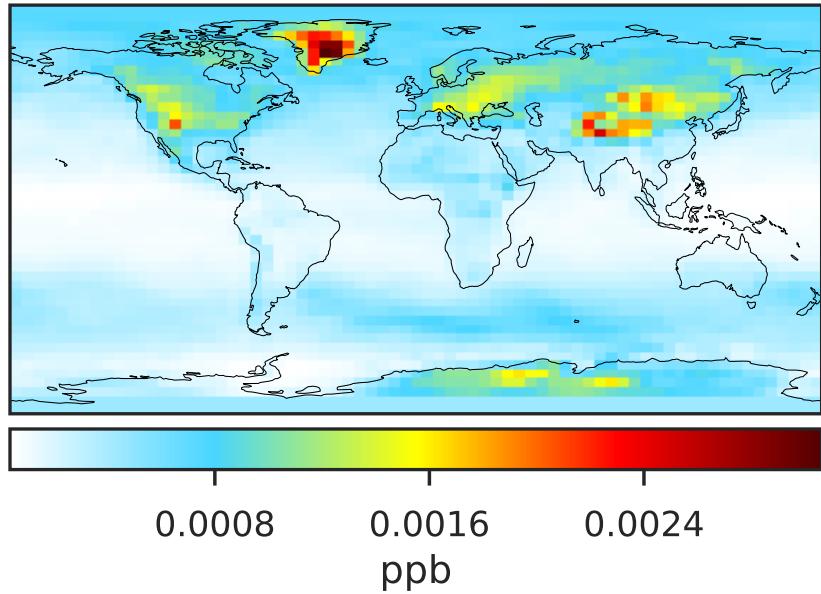


Ratio
Dev/Ref, Fixed Range

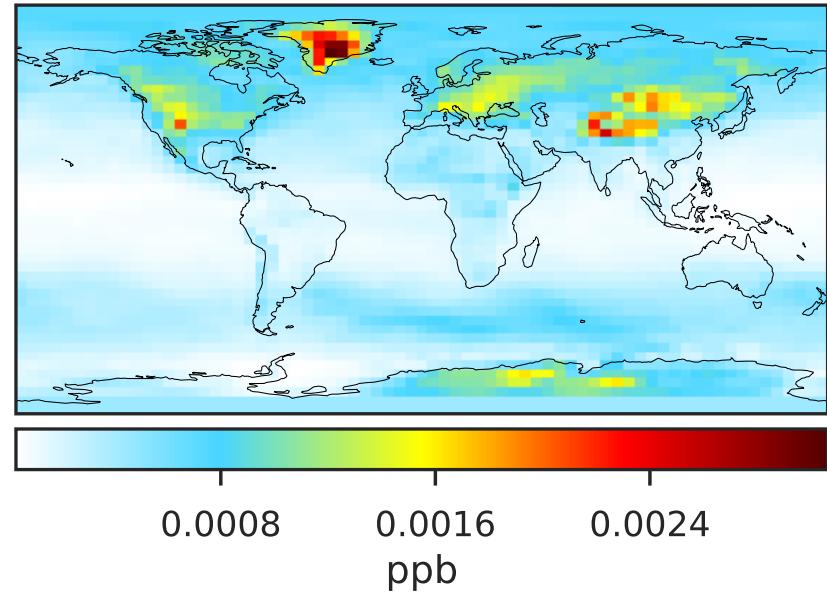


SpeciesConcVV_MPN

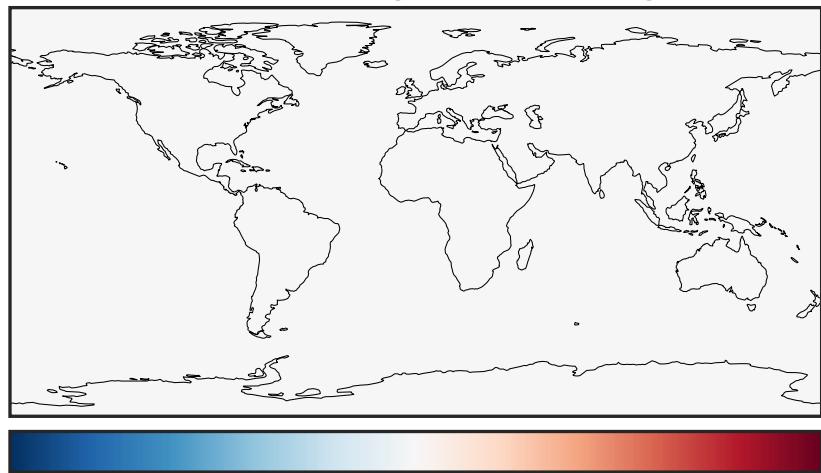
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



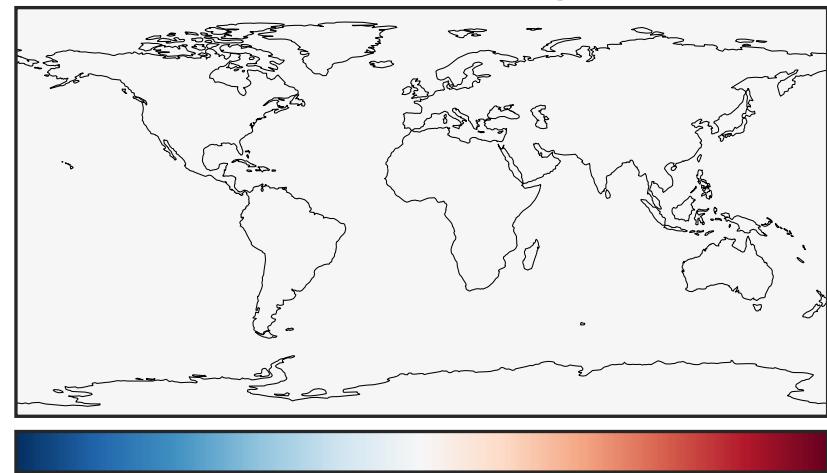
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



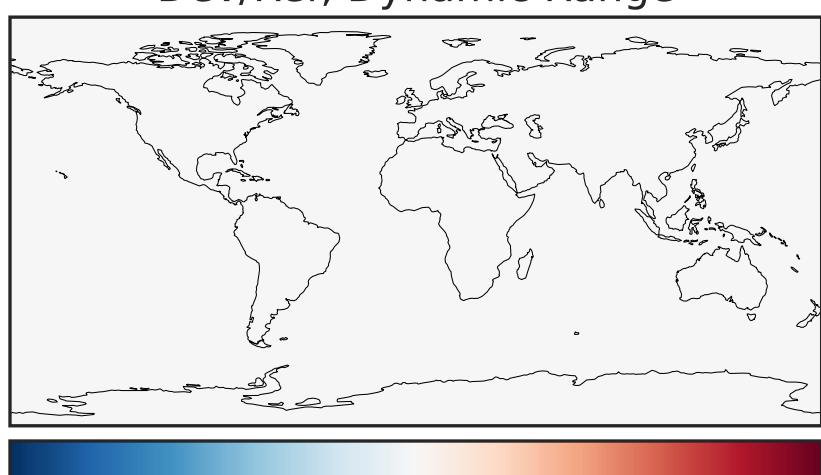
Difference
Dev - Ref, Dynamic Range



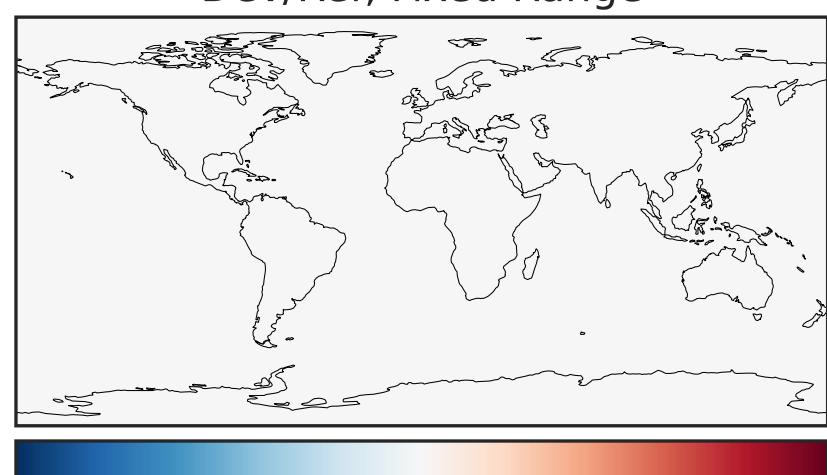
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

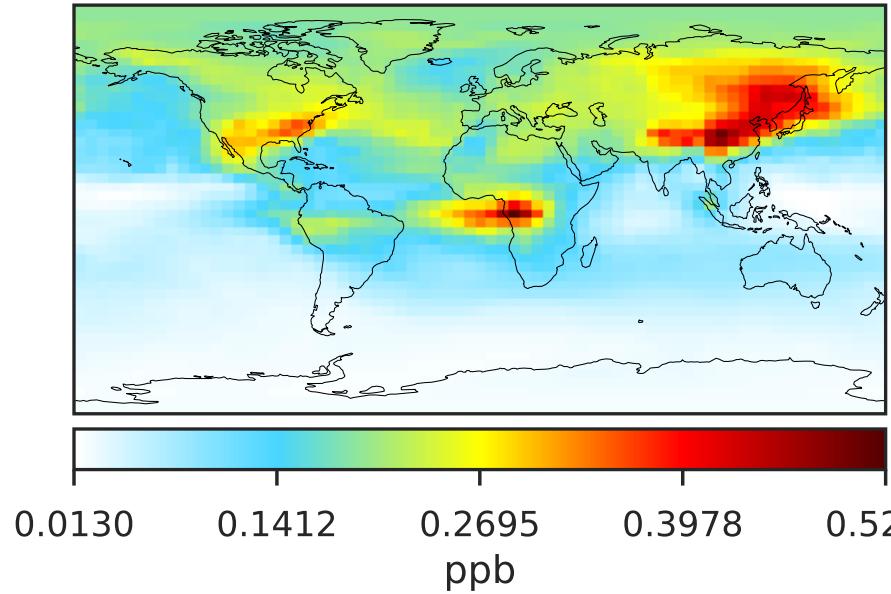


Ratio
Dev/Ref, Fixed Range

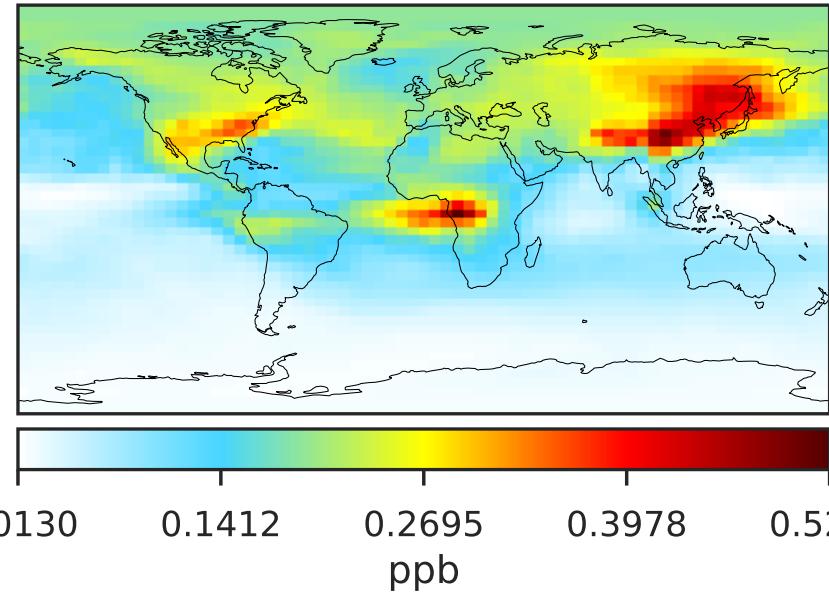


SpeciesConcVV_PAN

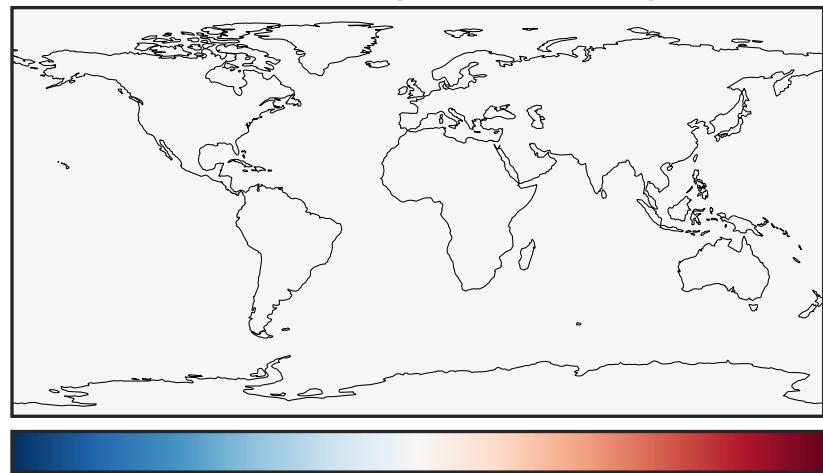
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



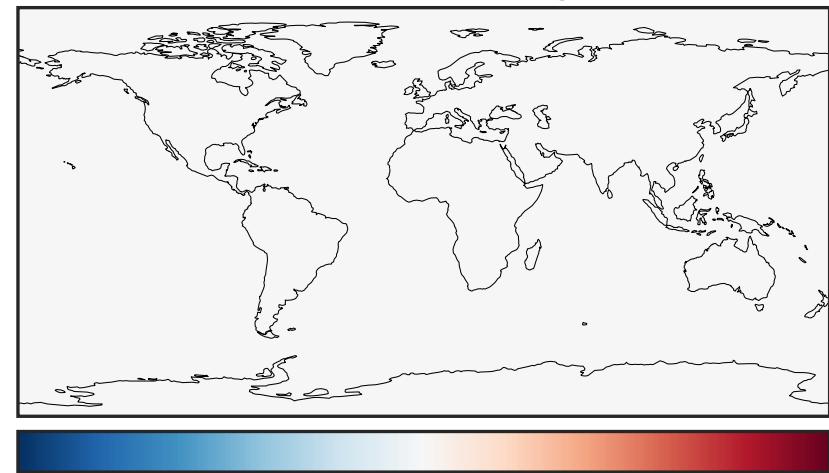
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



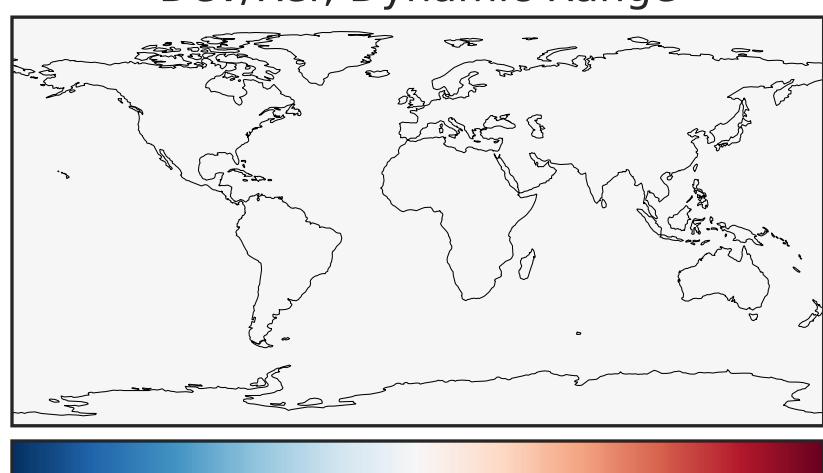
Difference
Dev - Ref, Dynamic Range



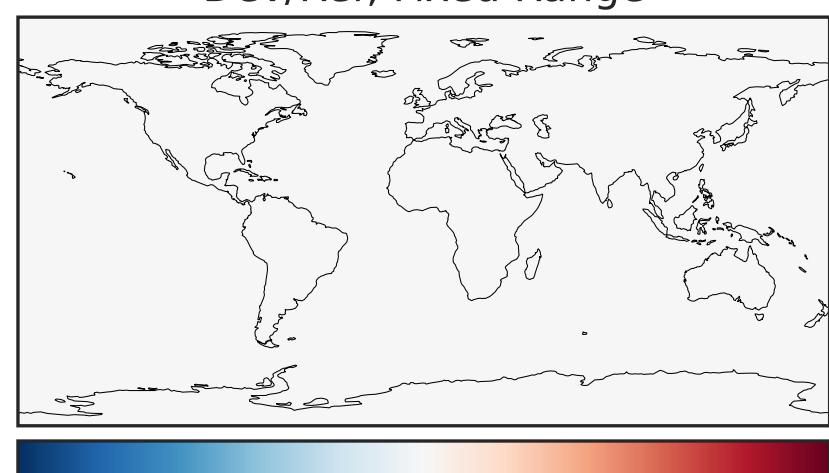
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

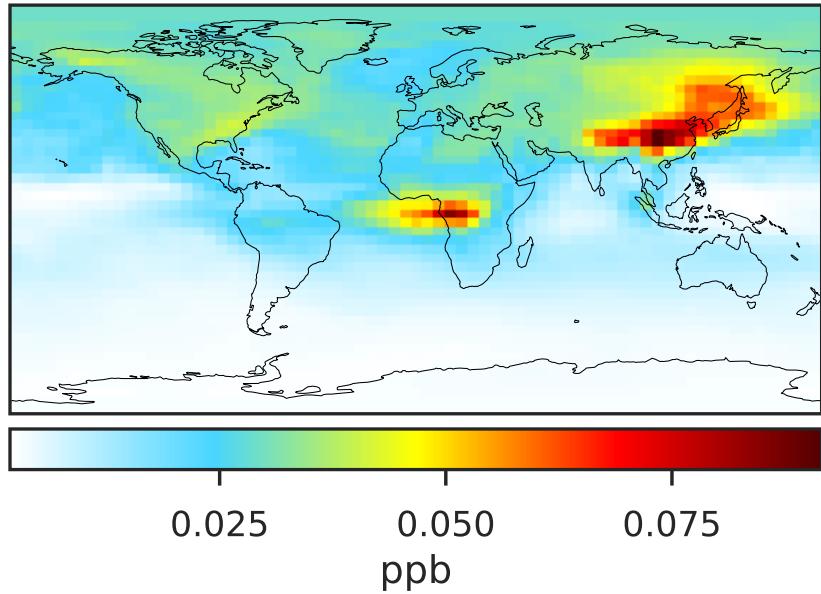


Ratio
Dev/Ref, Fixed Range

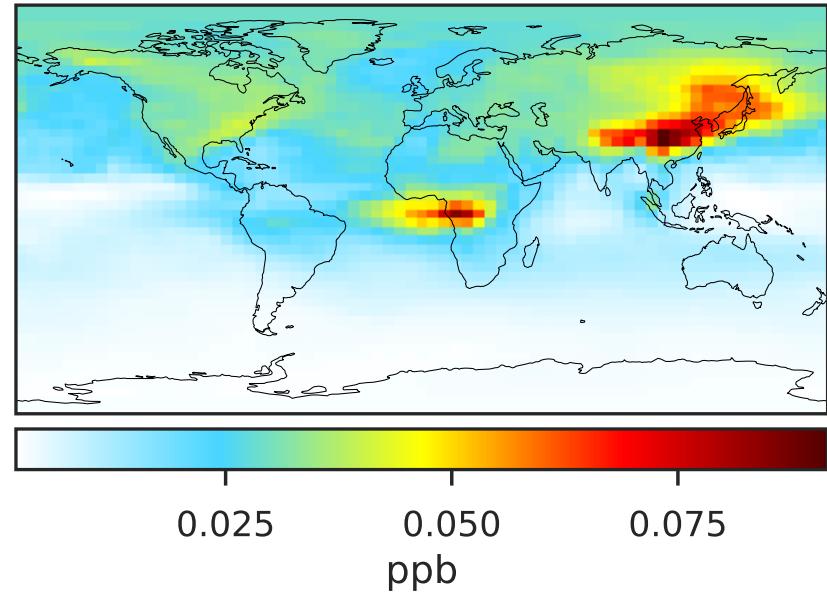


SpeciesConcVV_PPN

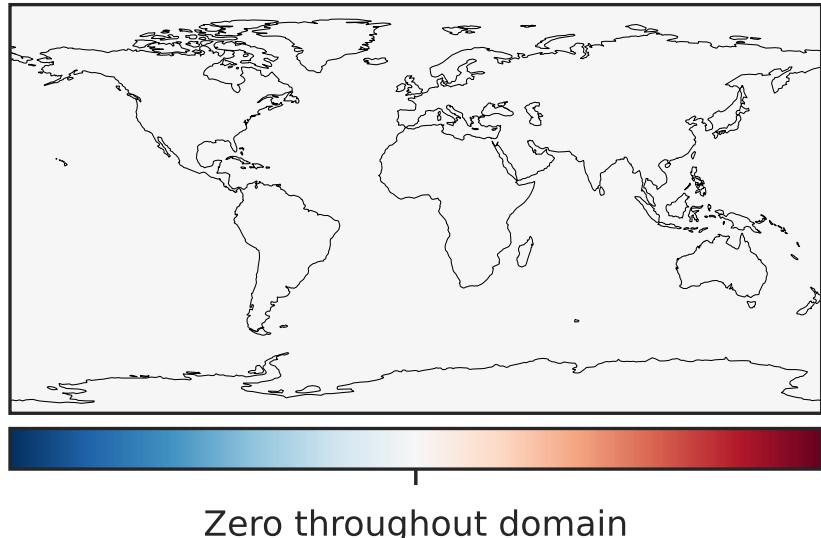
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



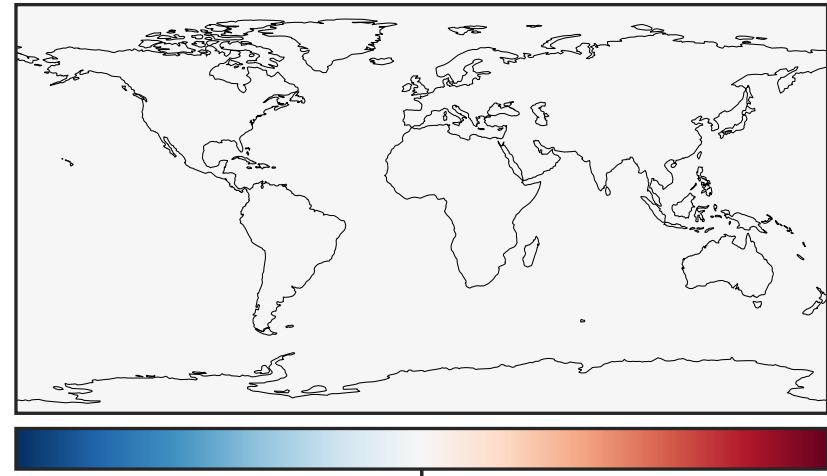
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



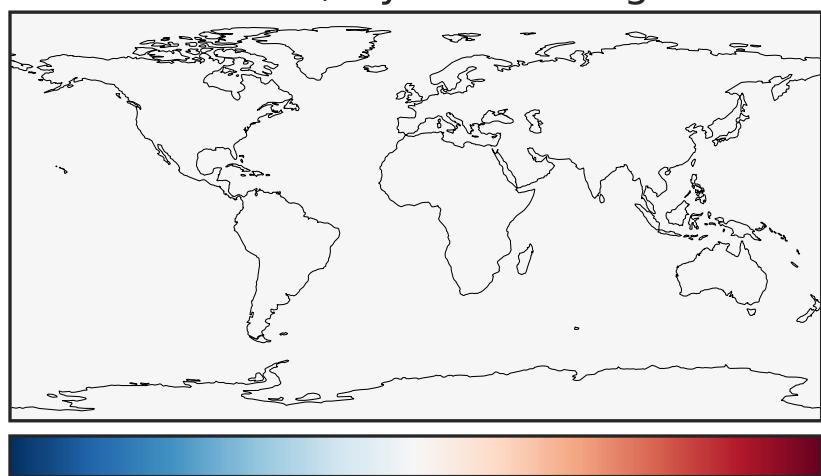
Difference
Dev - Ref, Dynamic Range



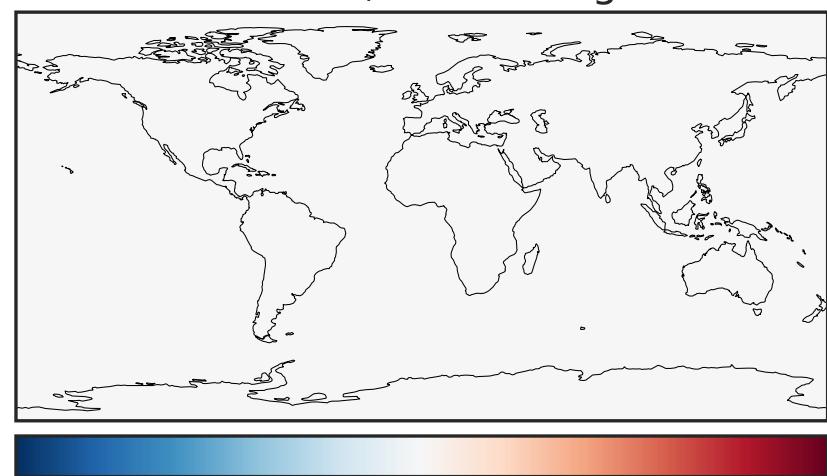
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

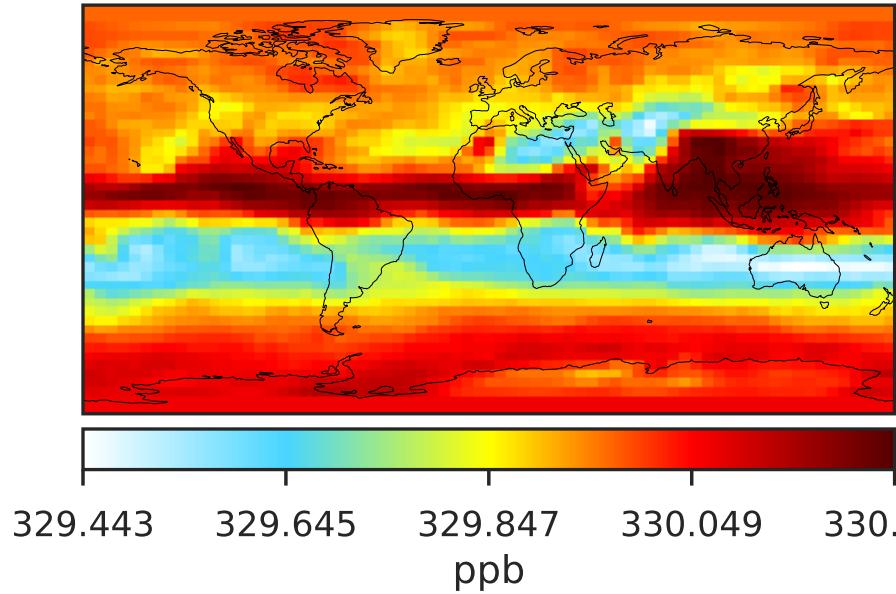


Ratio
Dev/Ref, Fixed Range

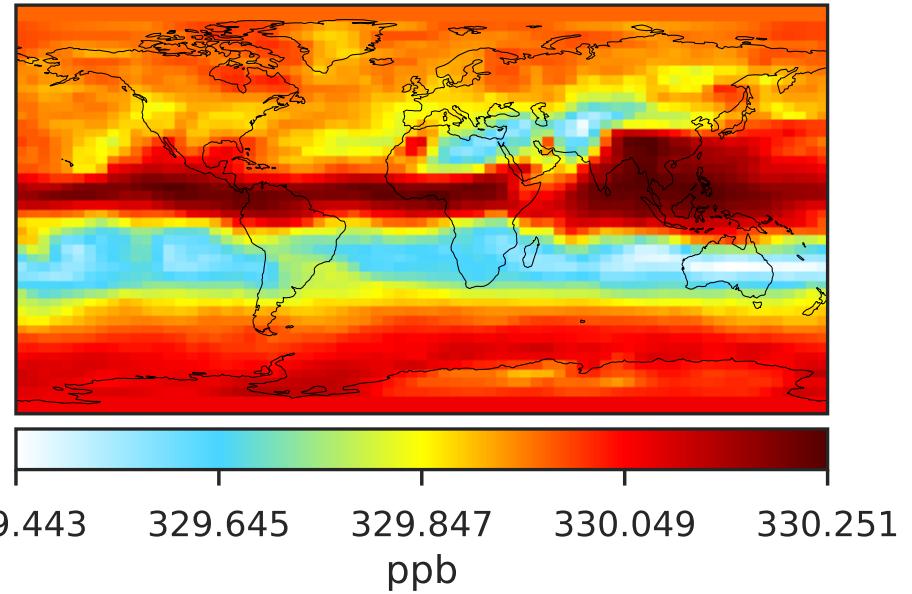


SpeciesConcVV_N2O

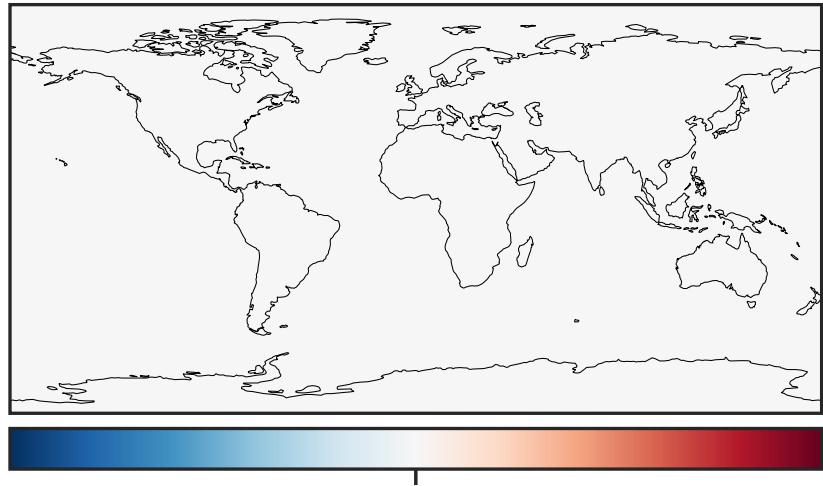
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



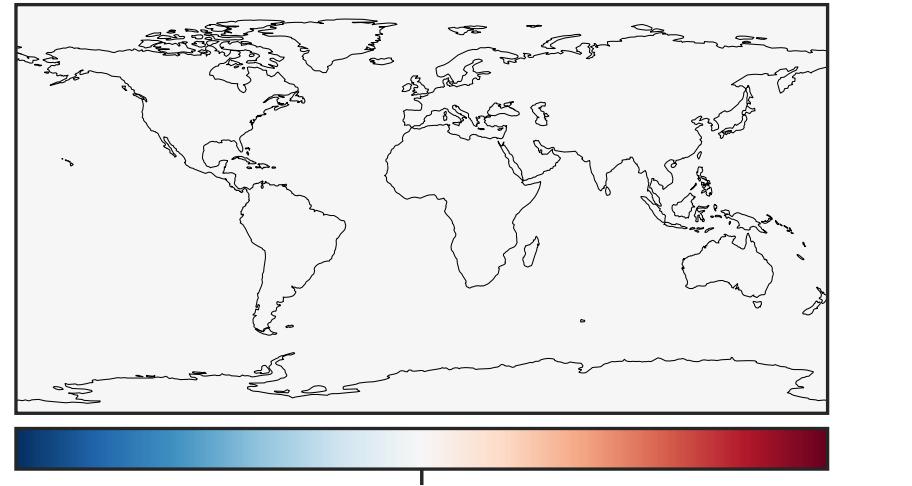
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



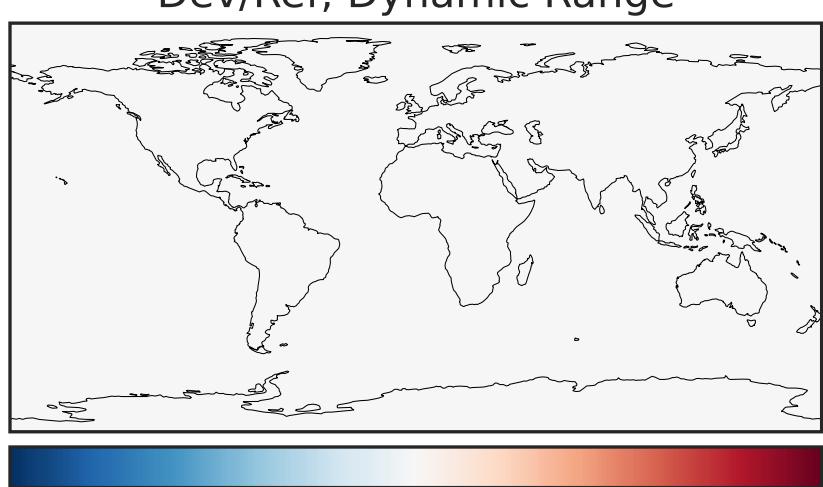
Difference
Dev - Ref, Dynamic Range



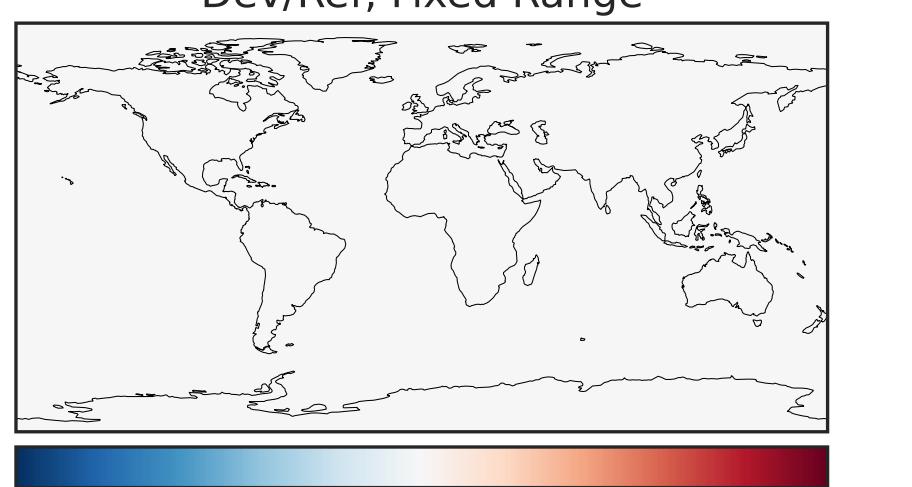
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

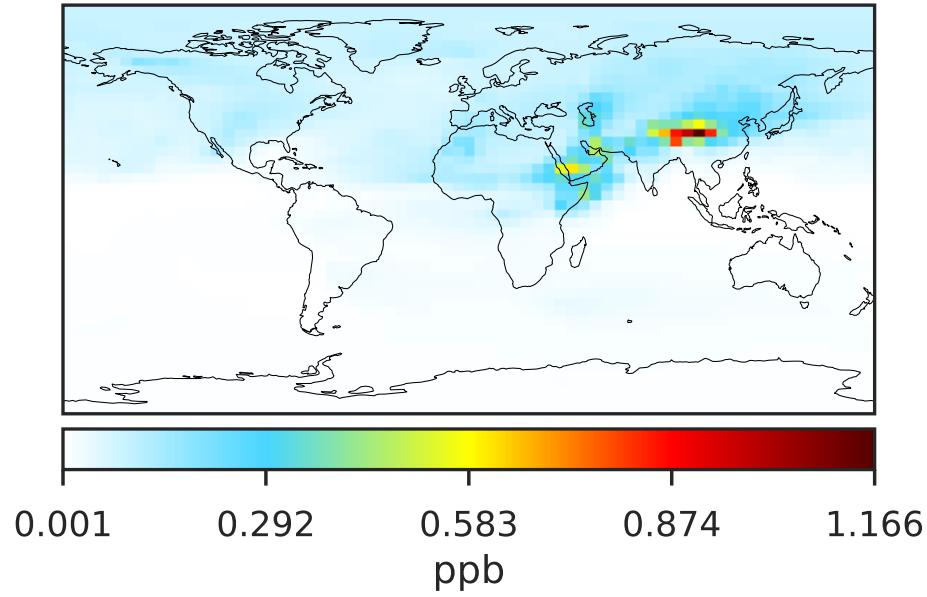


Ratio
Dev/Ref, Fixed Range

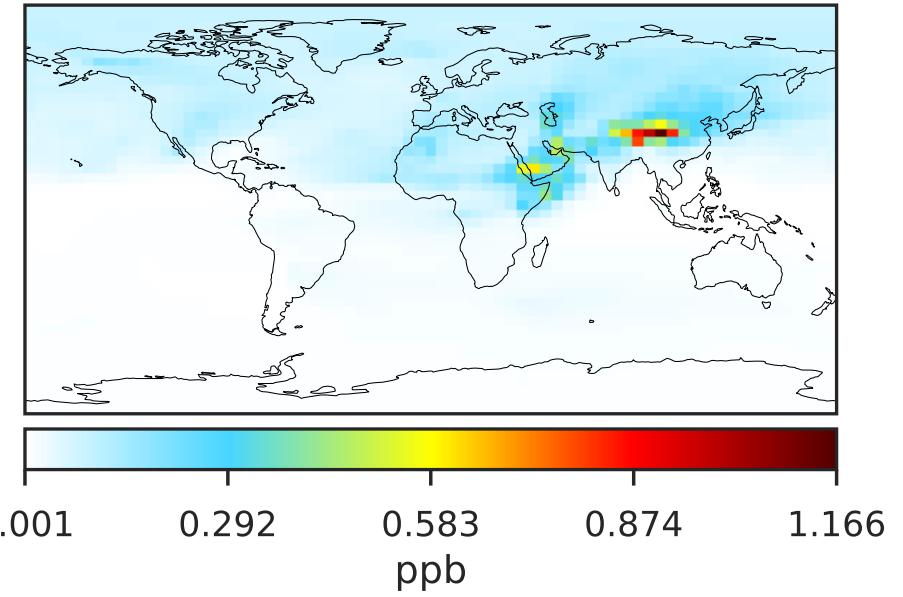


SpeciesConcVV_NHx

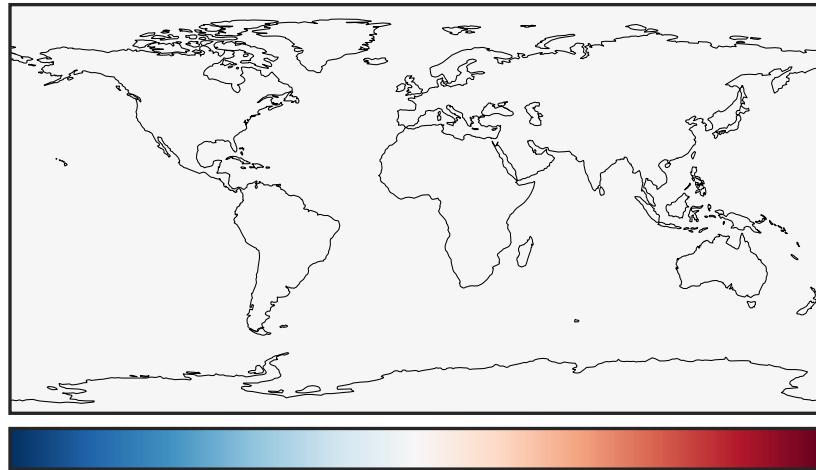
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

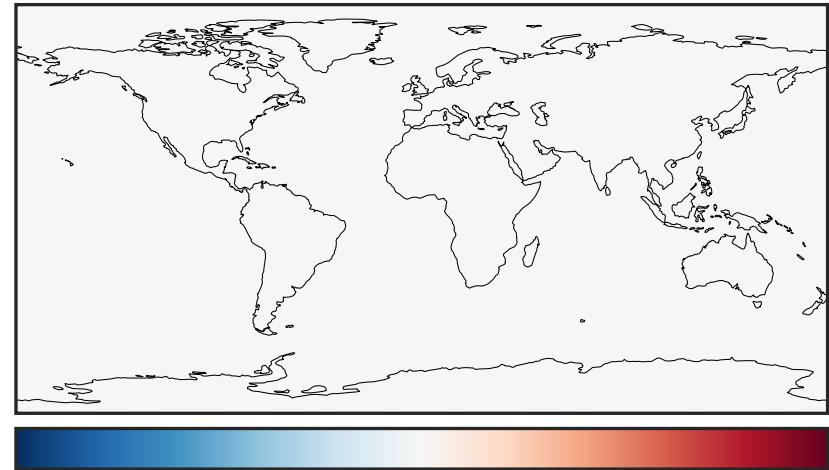


Difference
Dev - Ref, Dynamic Range



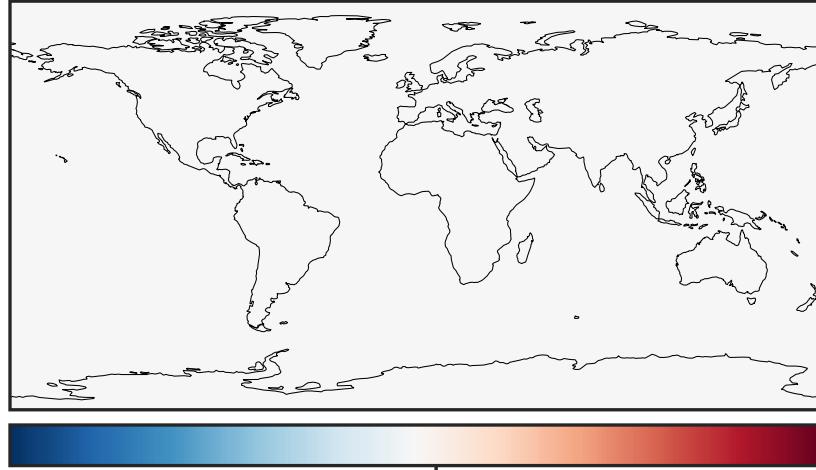
Zero throughout domain
ppb

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



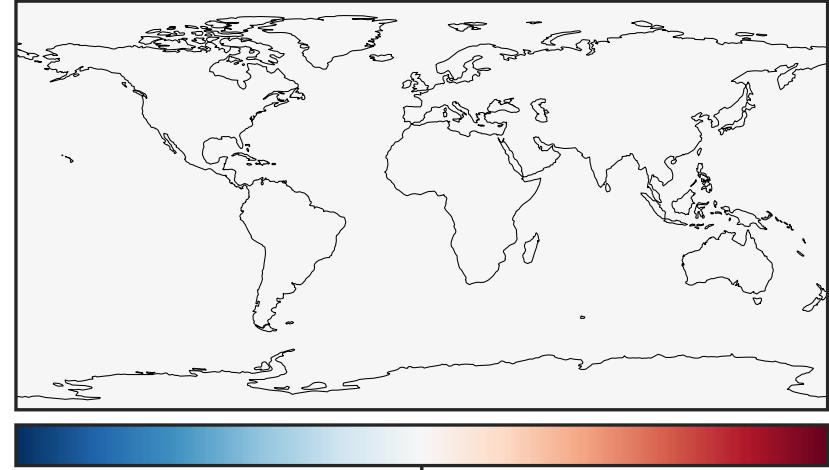
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

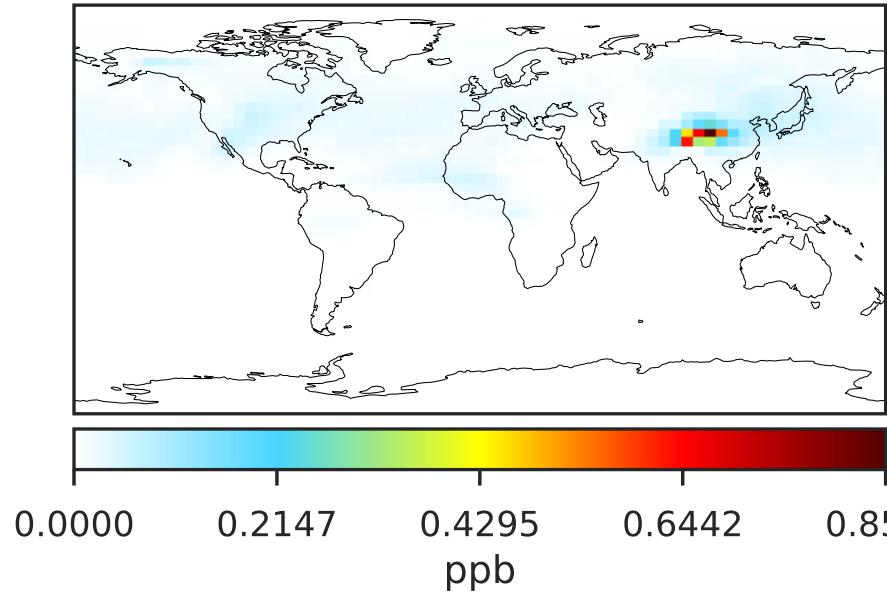
Ratio
Dev/Ref, Fixed Range



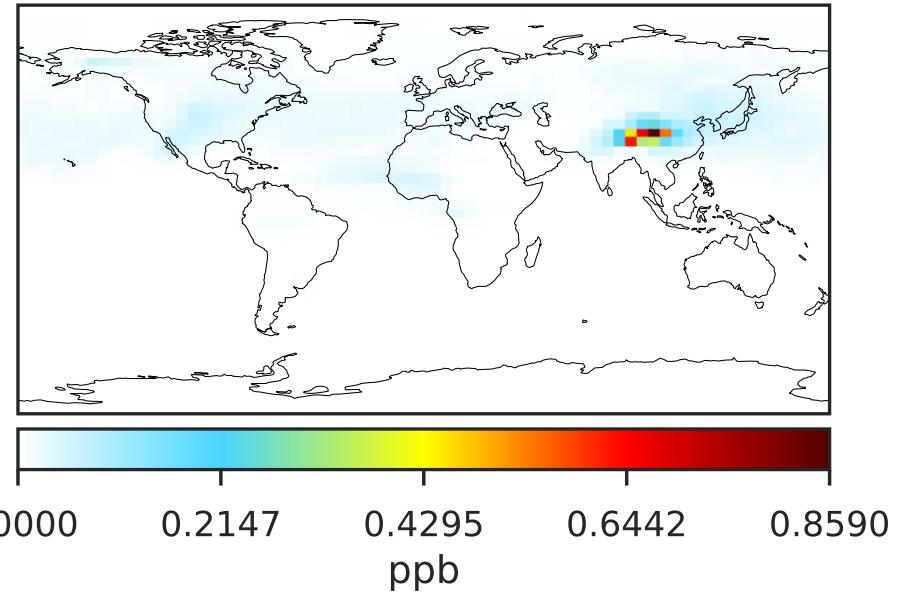
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NH3

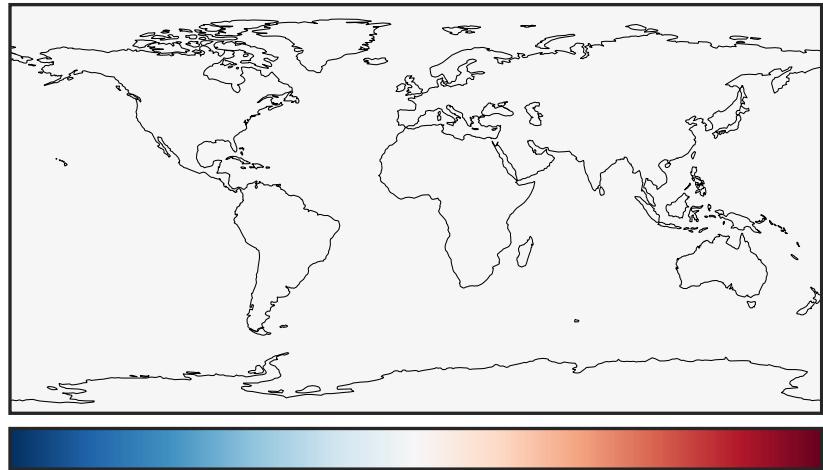
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



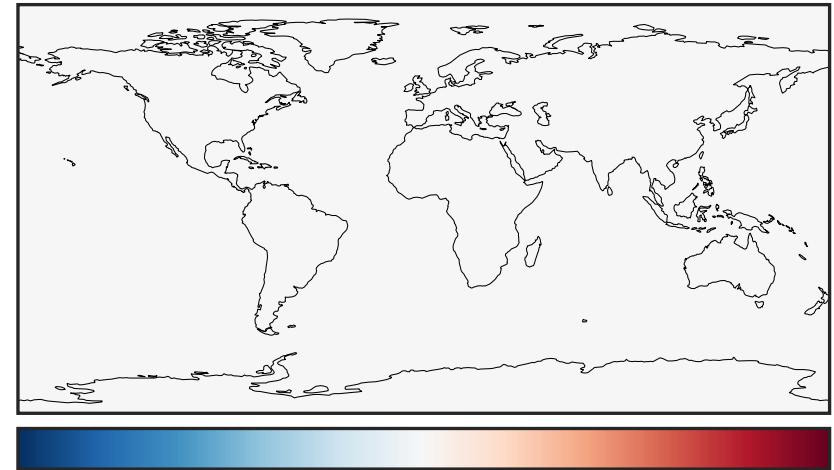
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



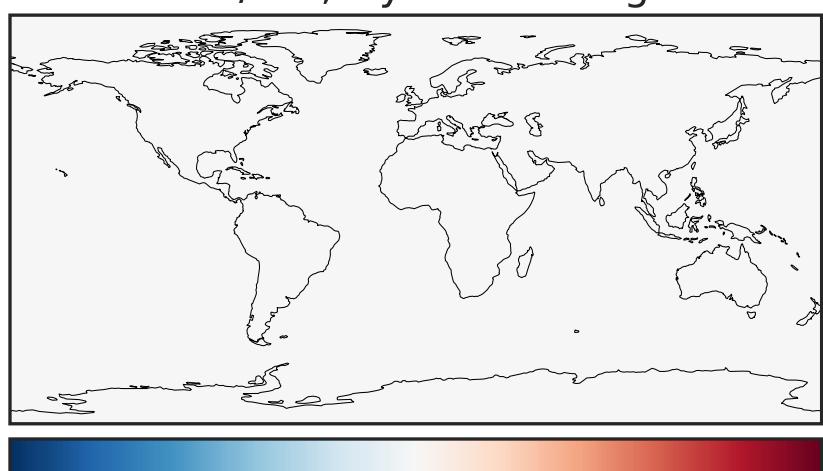
Difference
Dev - Ref, Dynamic Range



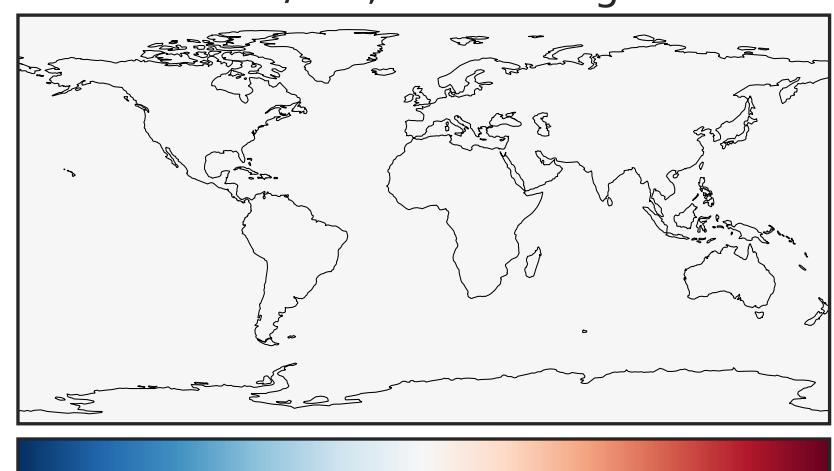
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

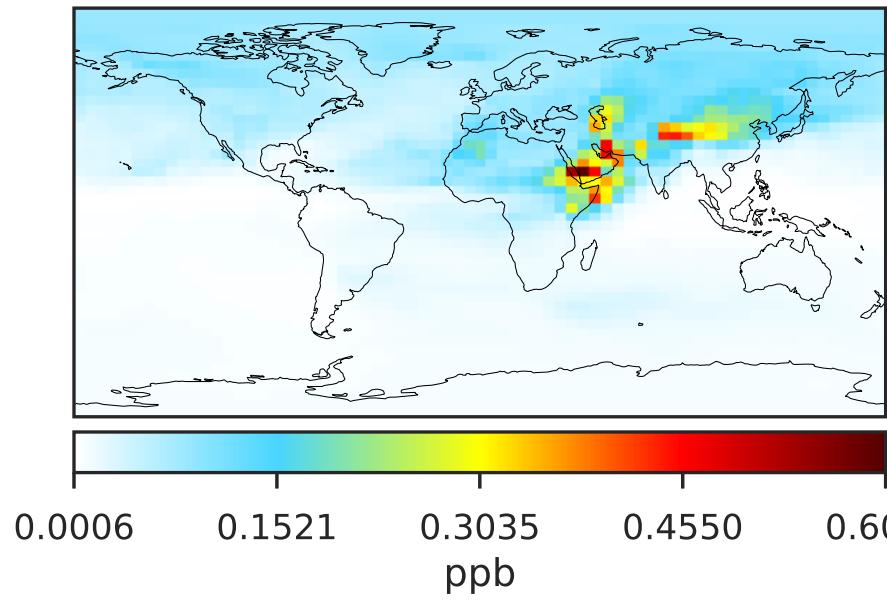


Ratio
Dev/Ref, Fixed Range

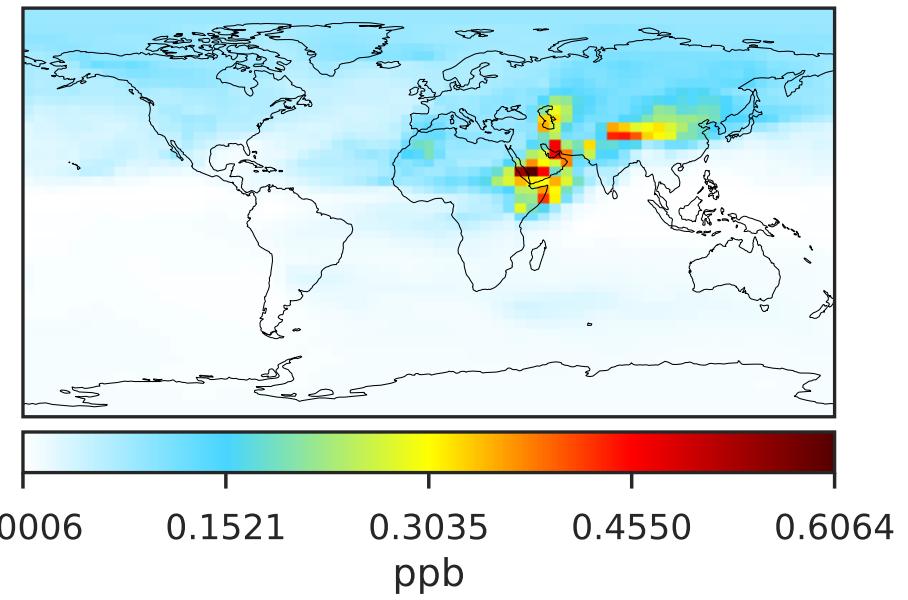


SpeciesConcVV_NH4

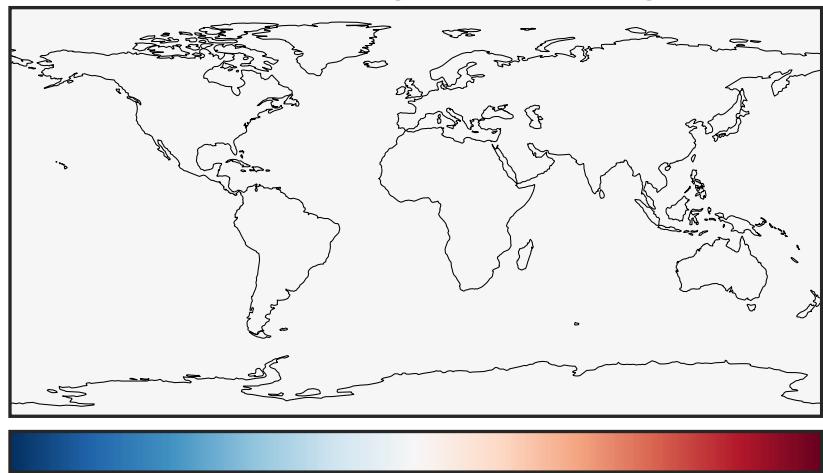
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



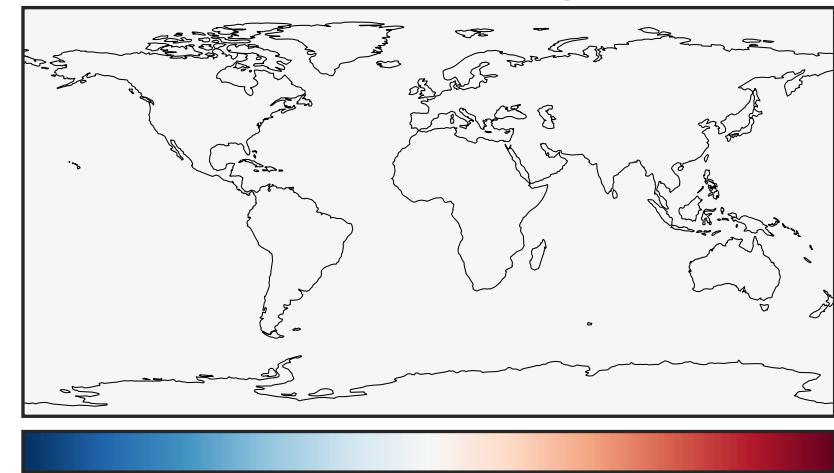
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



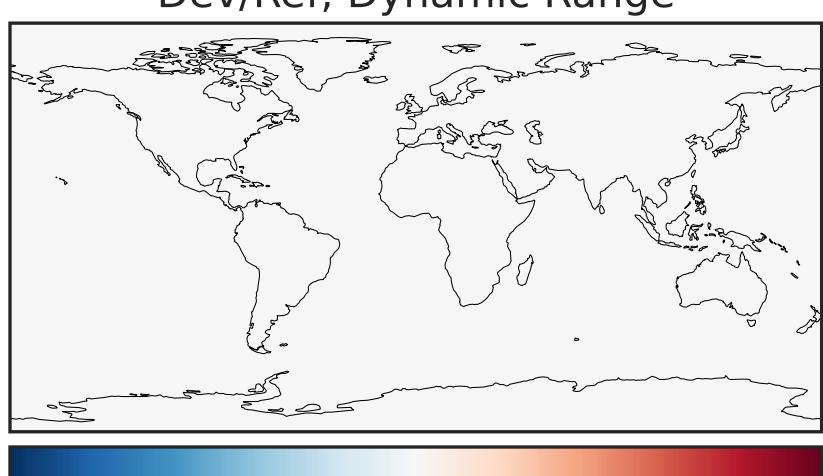
Difference
Dev - Ref, Dynamic Range



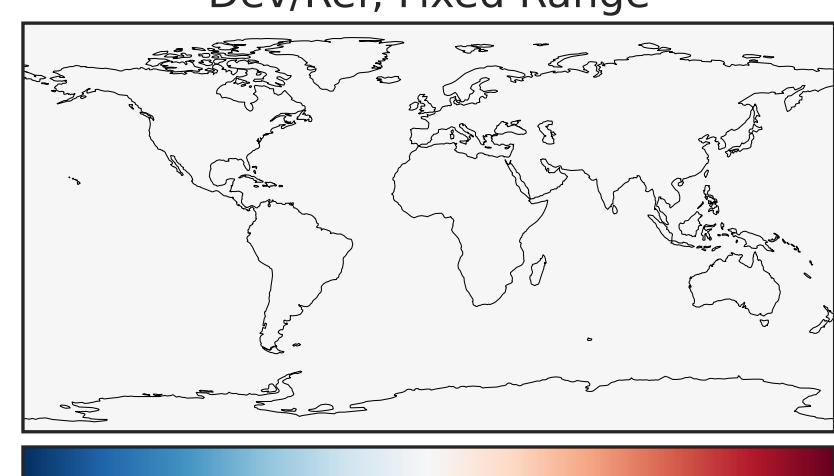
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

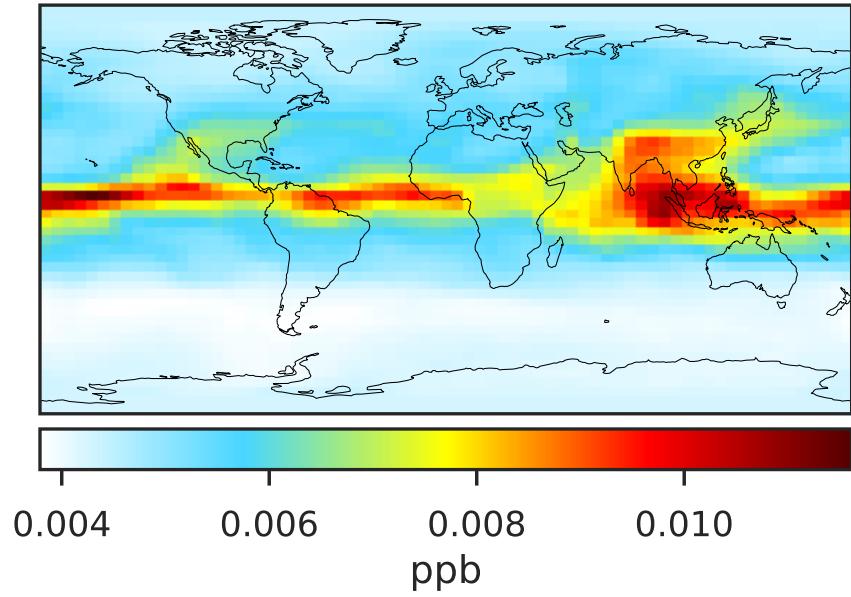


Ratio
Dev/Ref, Fixed Range

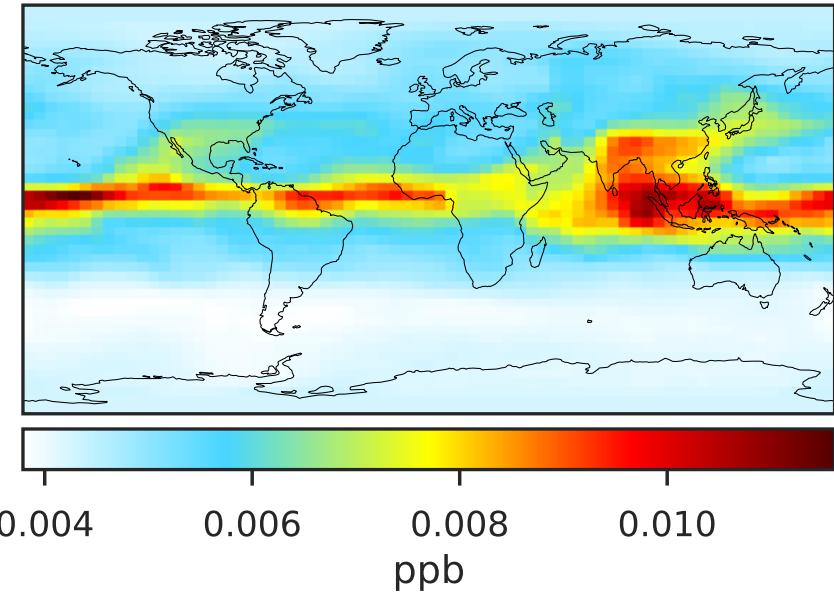


SpeciesConcVV_MENO3

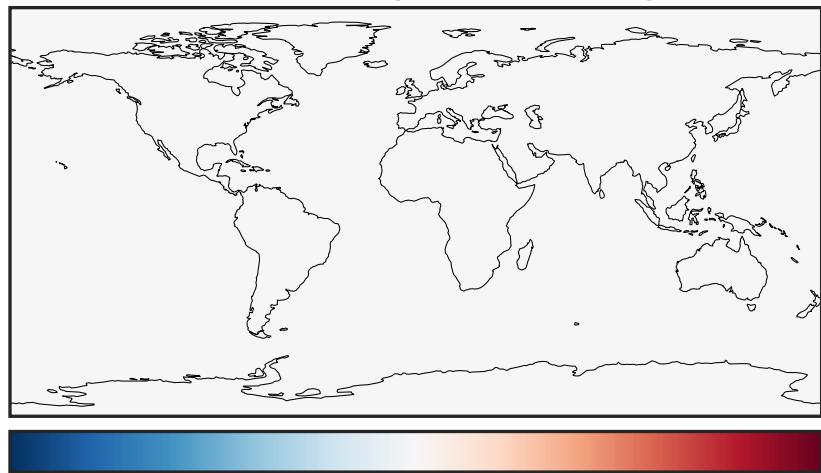
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



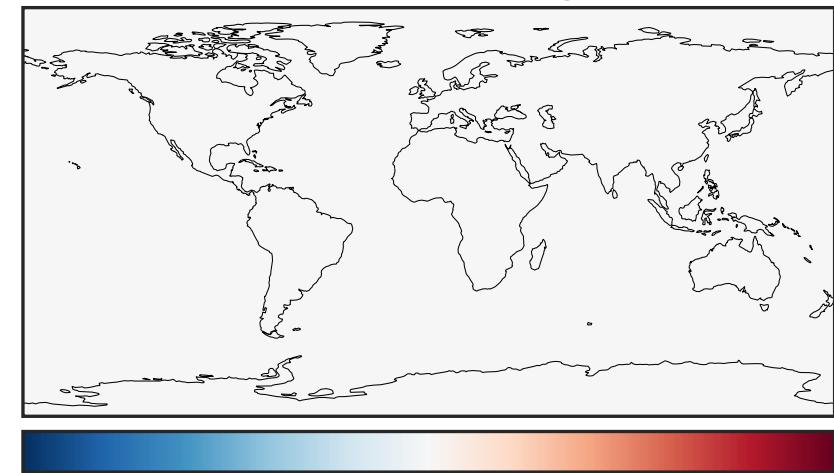
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



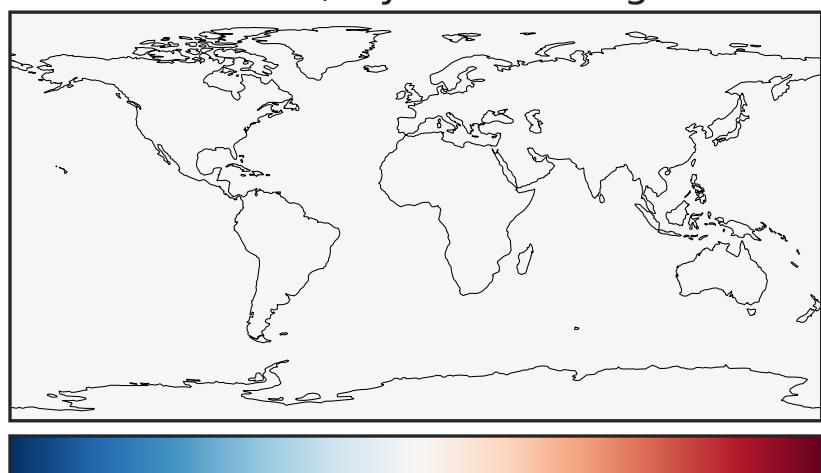
Difference
Dev - Ref, Dynamic Range



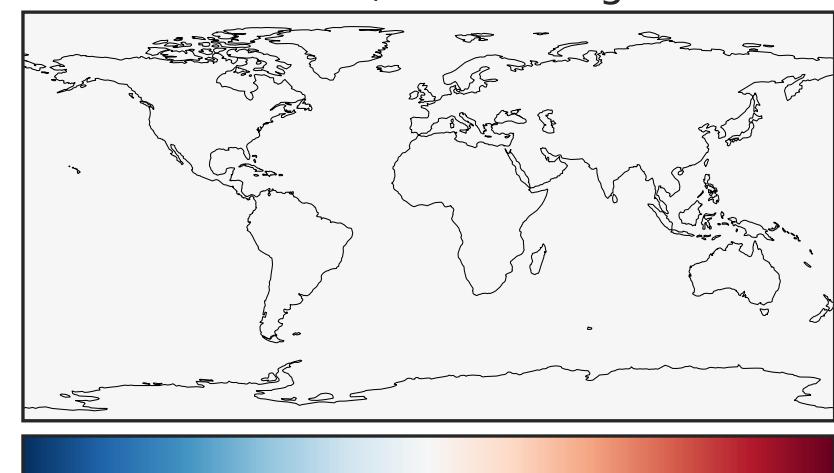
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

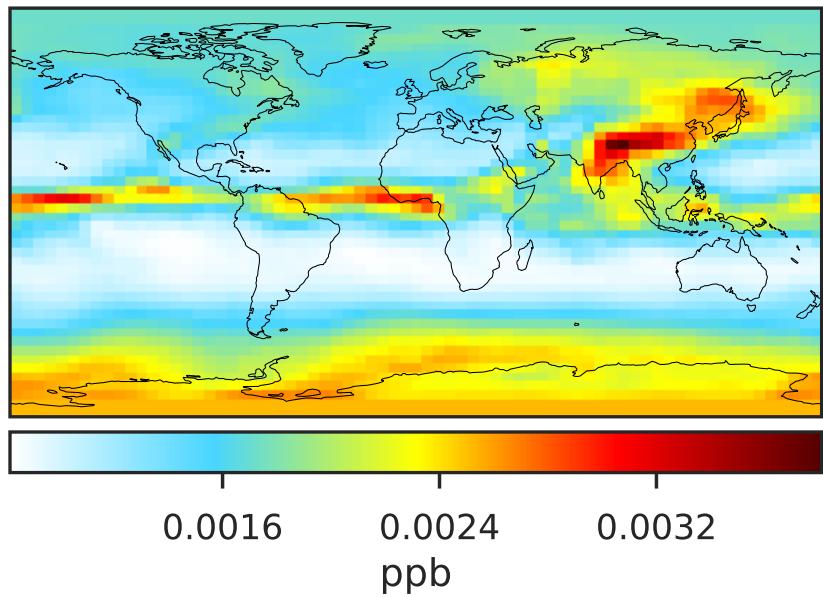


Ratio
Dev/Ref, Fixed Range

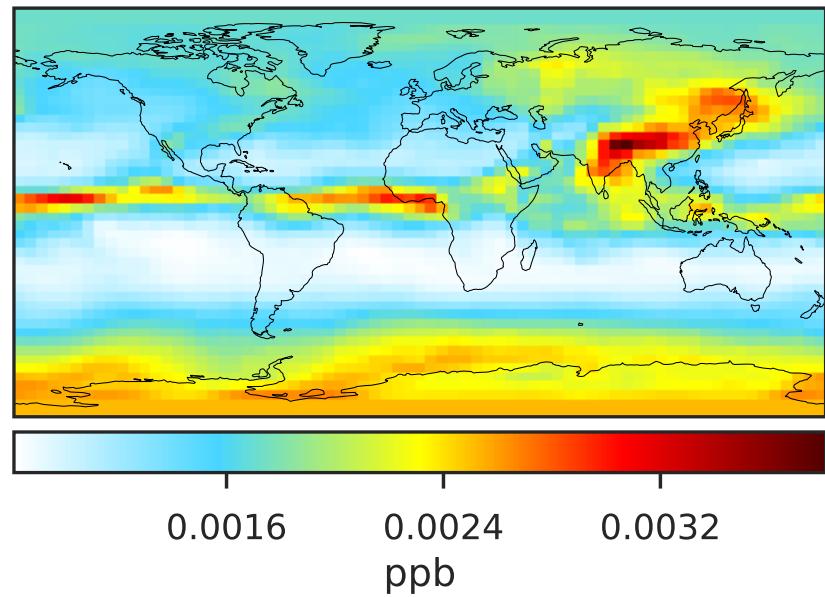


SpeciesConcVV_ETN03

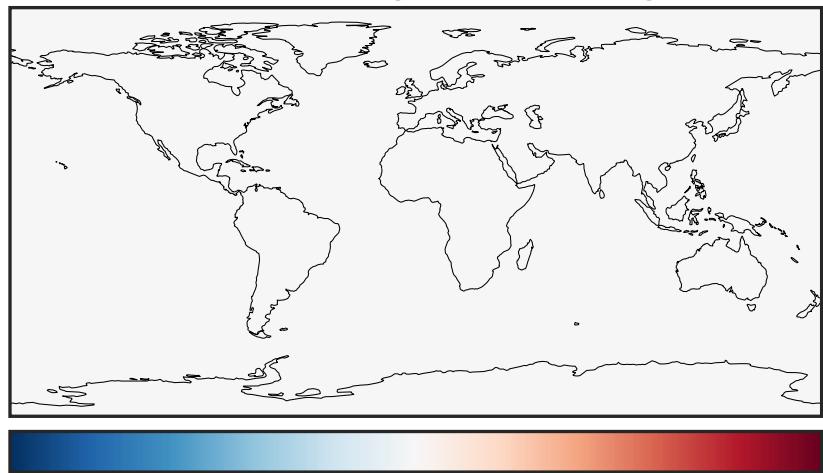
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



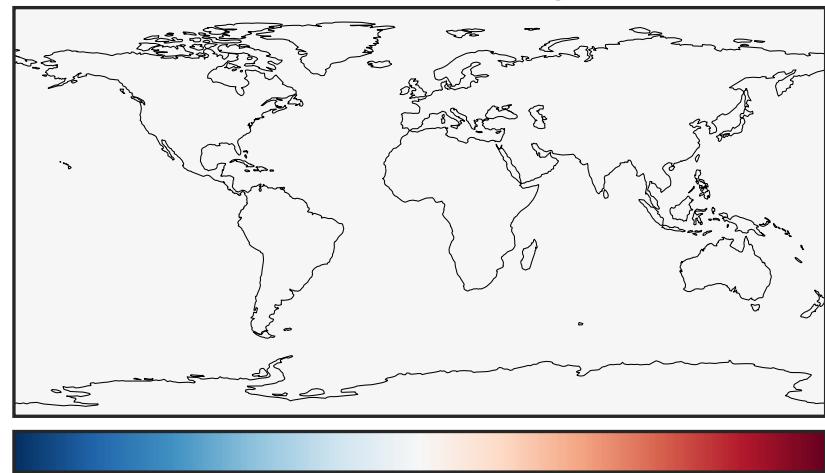
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



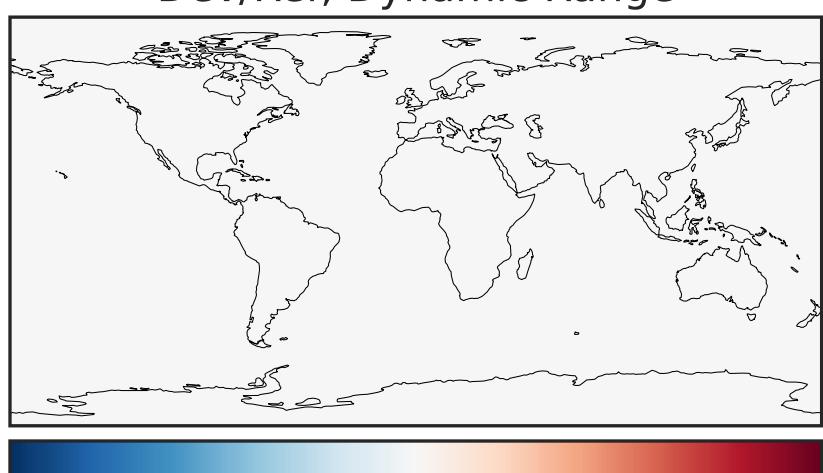
Difference
Dev - Ref, Dynamic Range



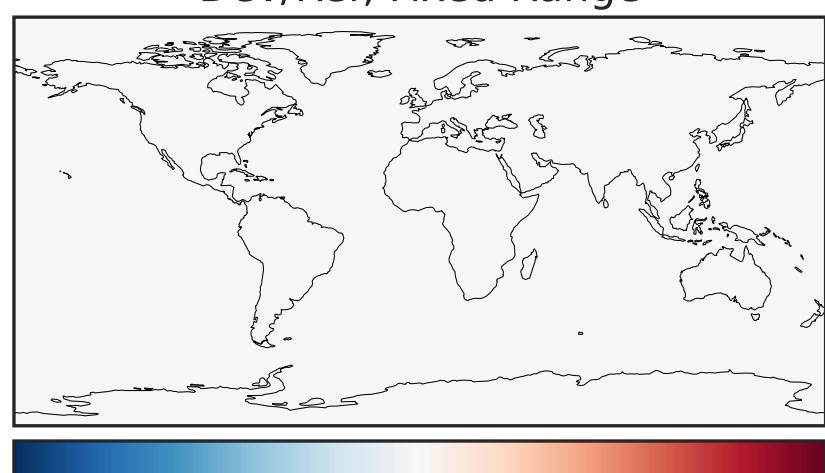
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

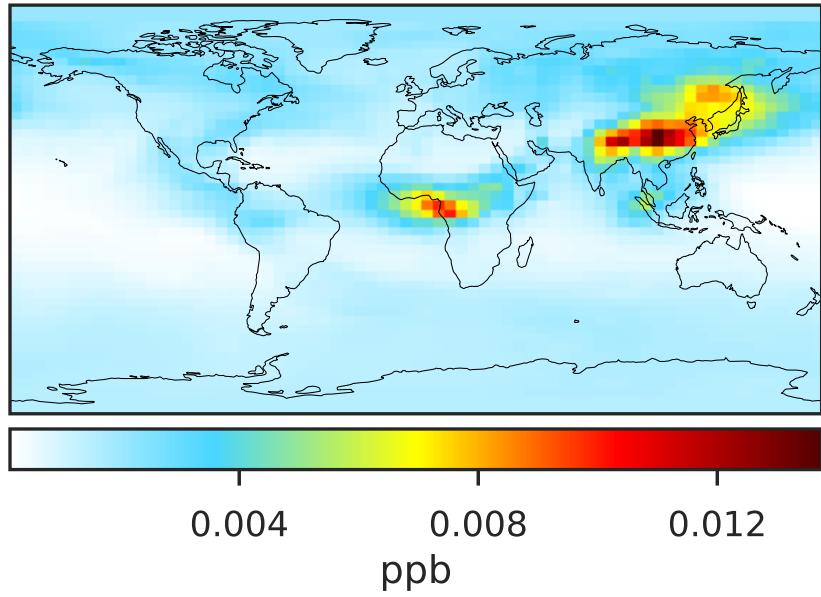


Ratio
Dev/Ref, Fixed Range

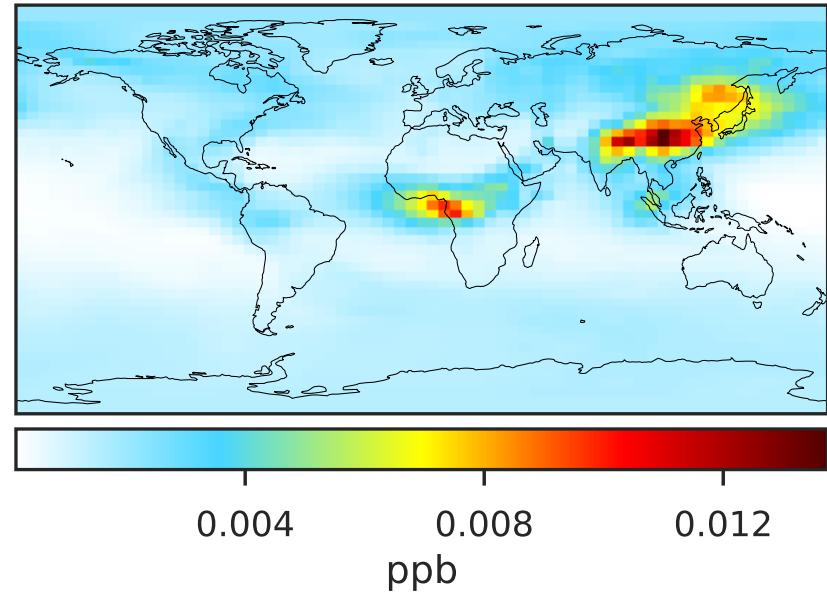


SpeciesConcVV_IPRNO3

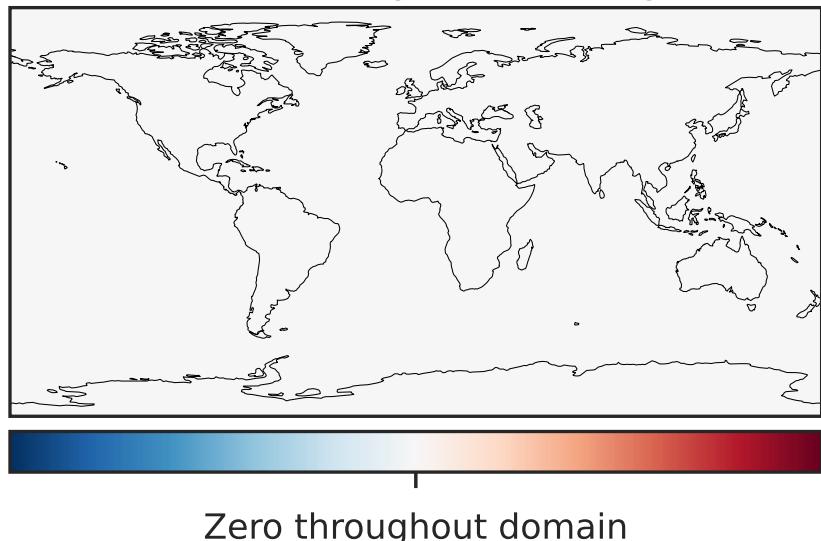
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



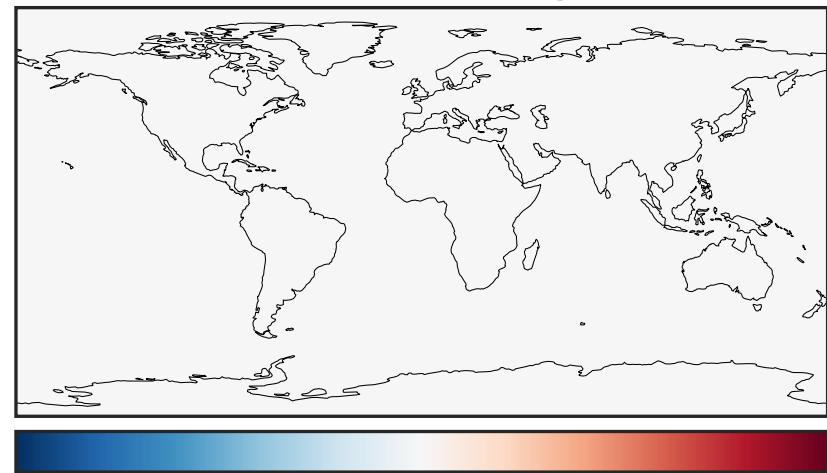
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



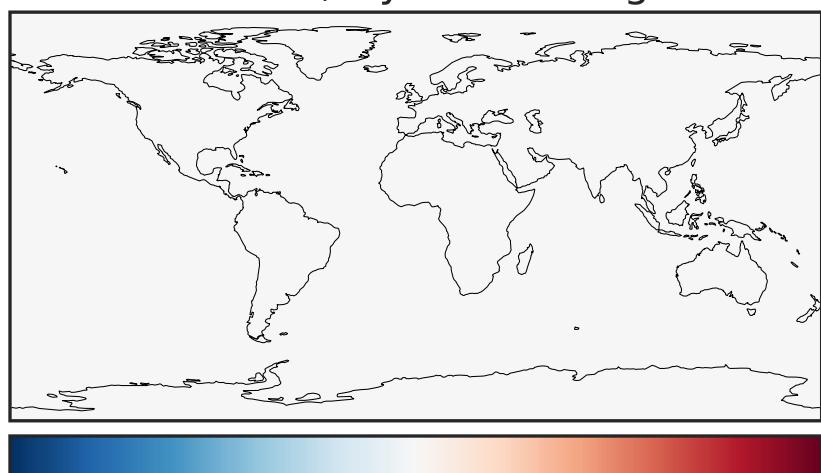
Difference
Dev - Ref, Dynamic Range



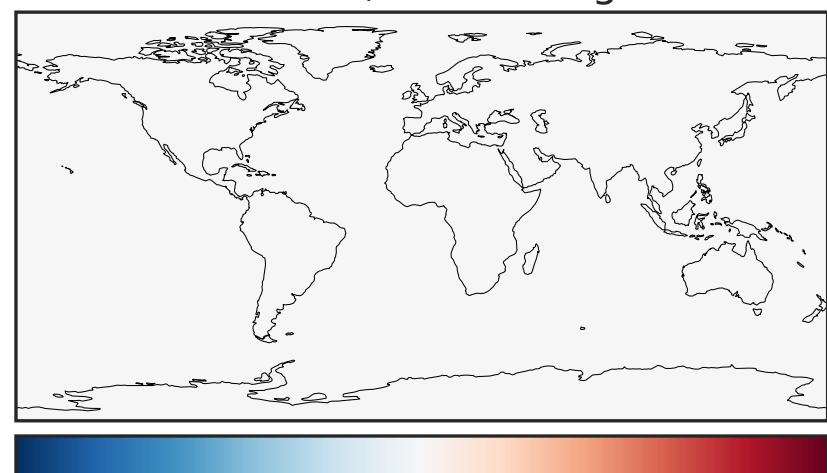
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

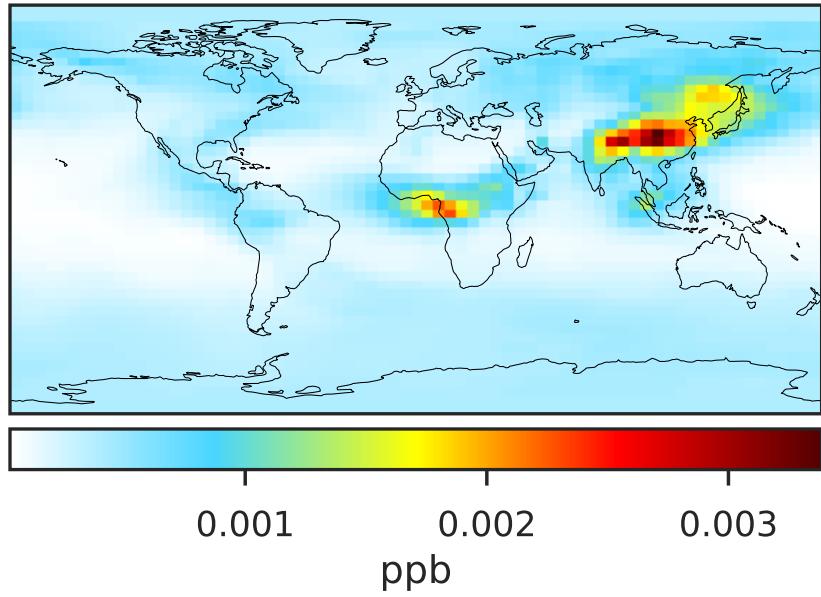


Ratio
Dev/Ref, Fixed Range

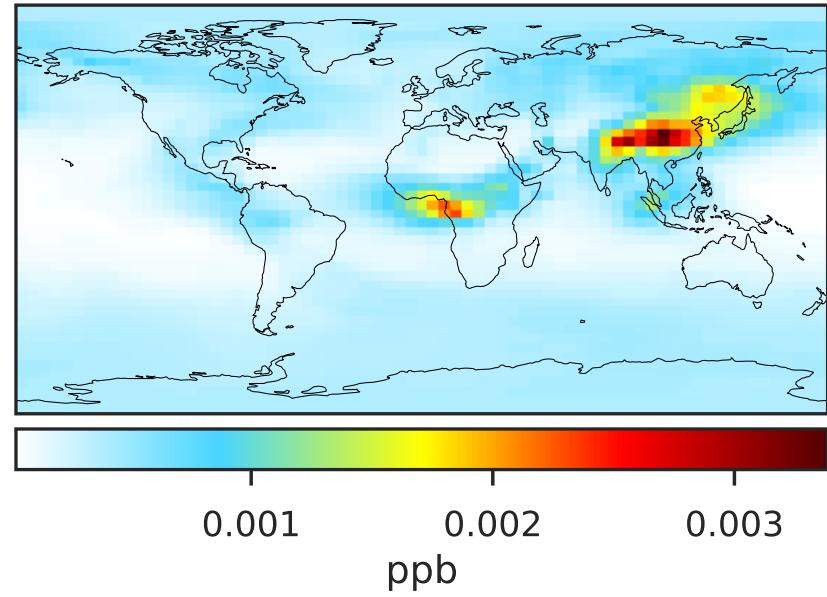


SpeciesConcVV_NPRNO3

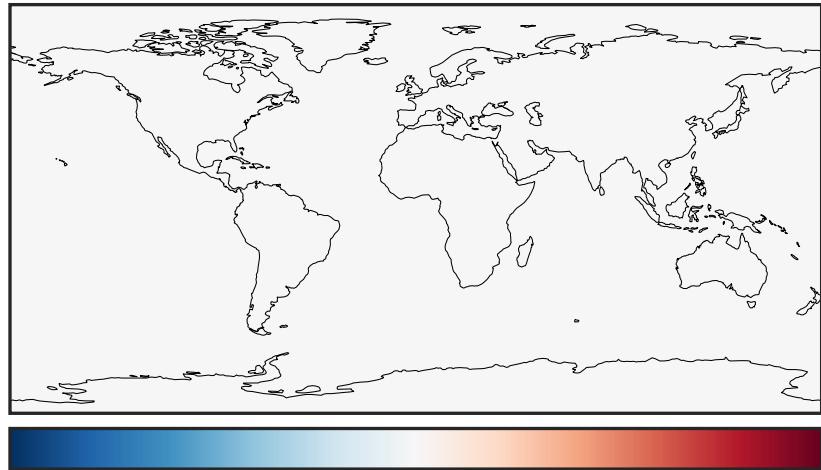
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



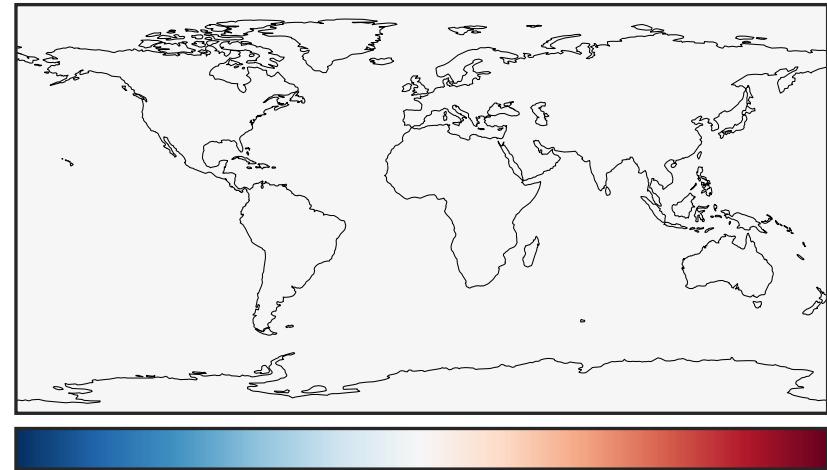
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



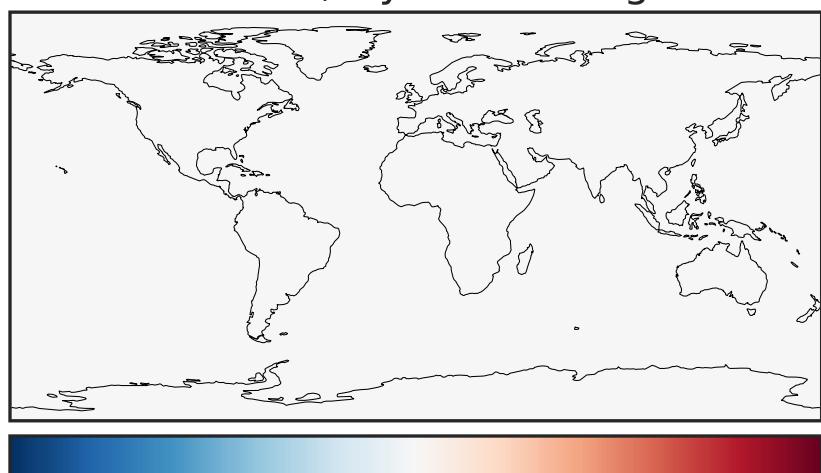
Difference
Dev - Ref, Dynamic Range



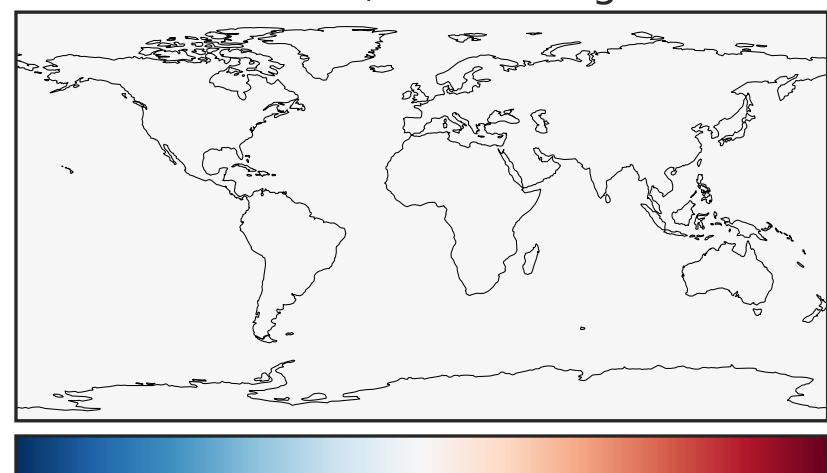
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

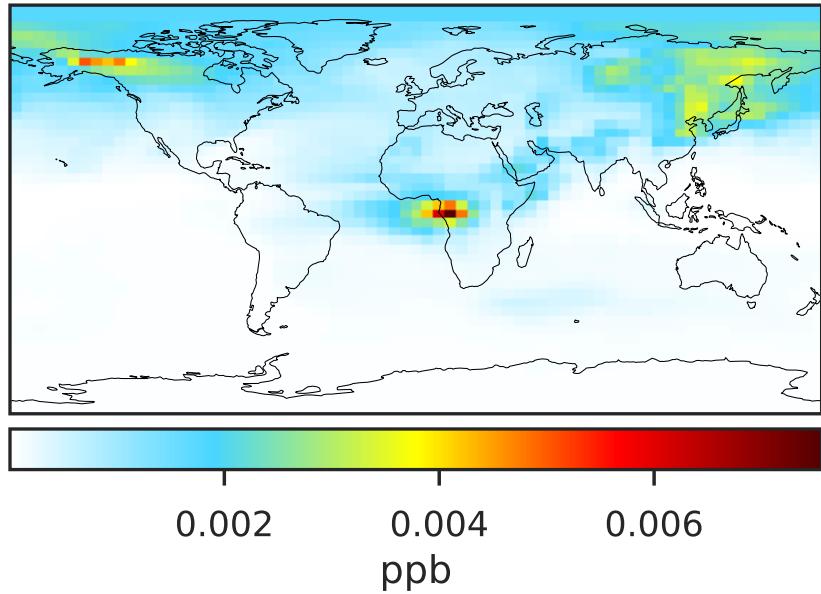


Ratio
Dev/Ref, Fixed Range

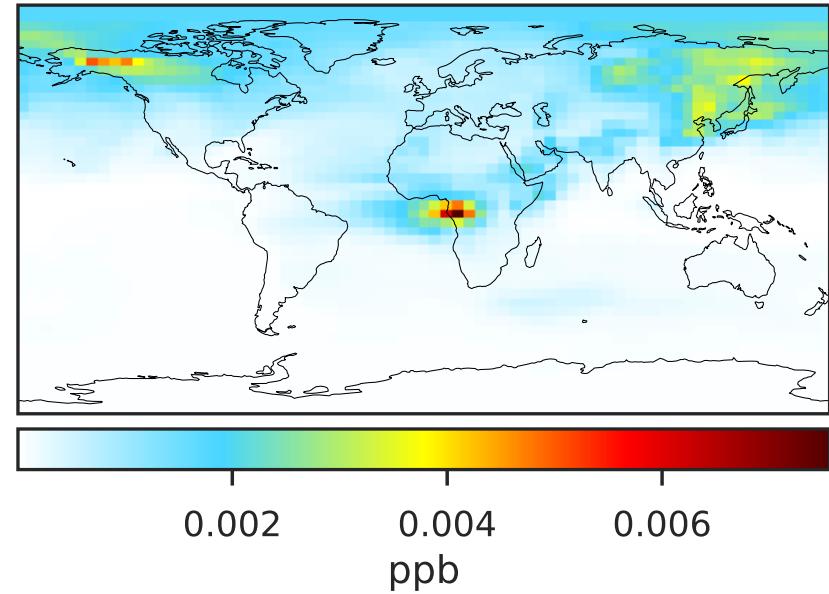


SpeciesConcVV_AONITA

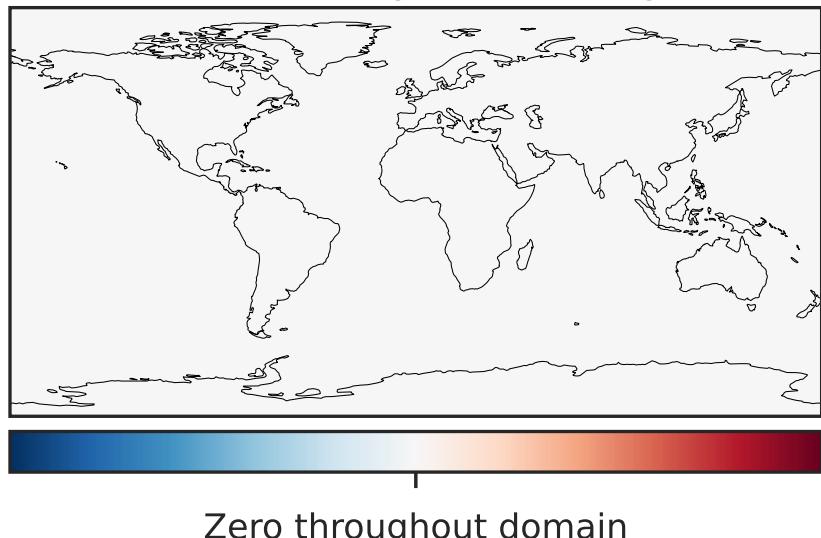
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



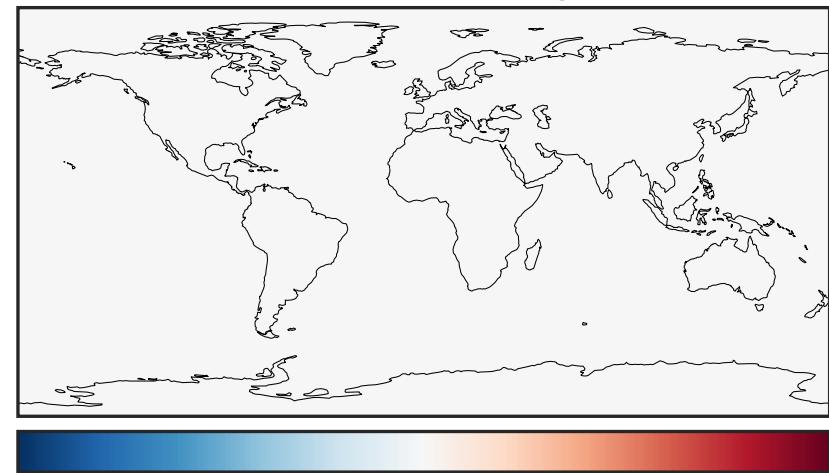
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



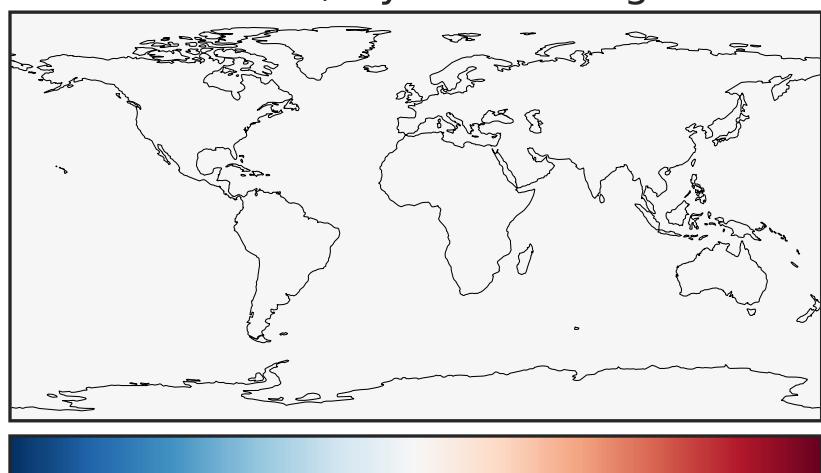
Difference
Dev - Ref, Dynamic Range



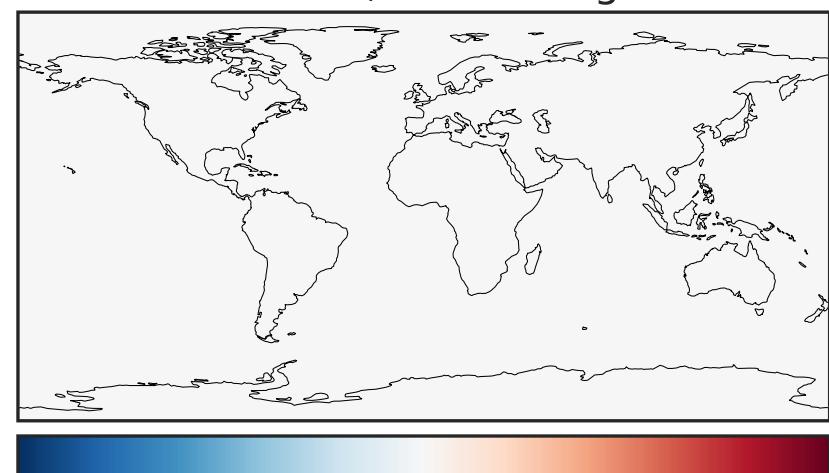
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

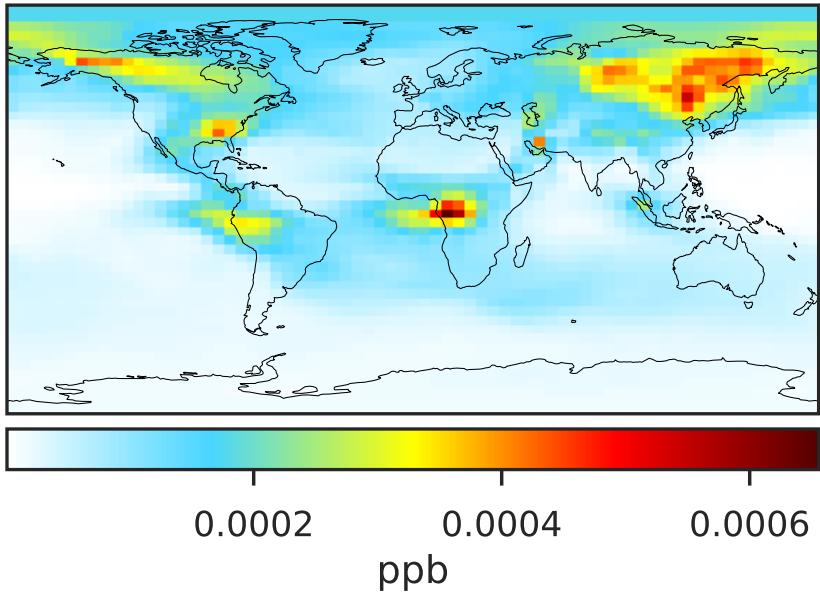


Ratio
Dev/Ref, Fixed Range

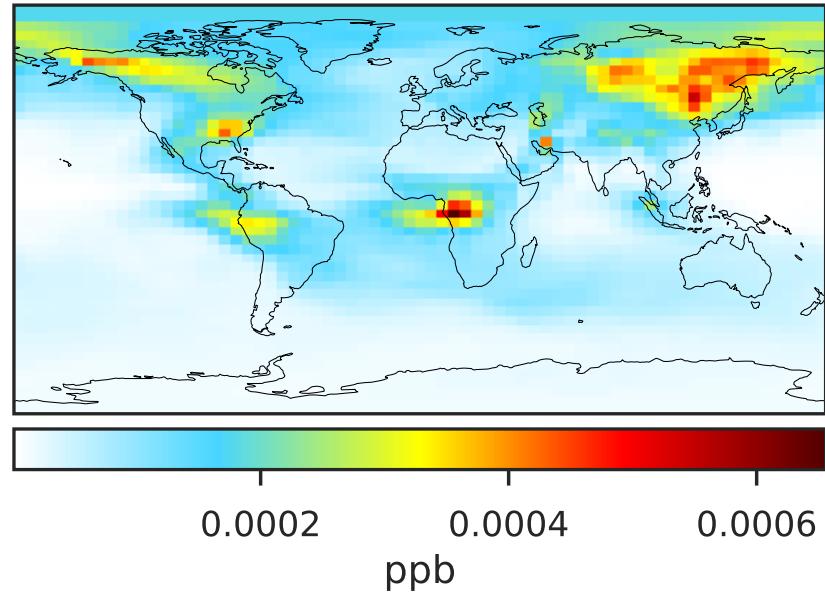


SpeciesConcVV_ETHN

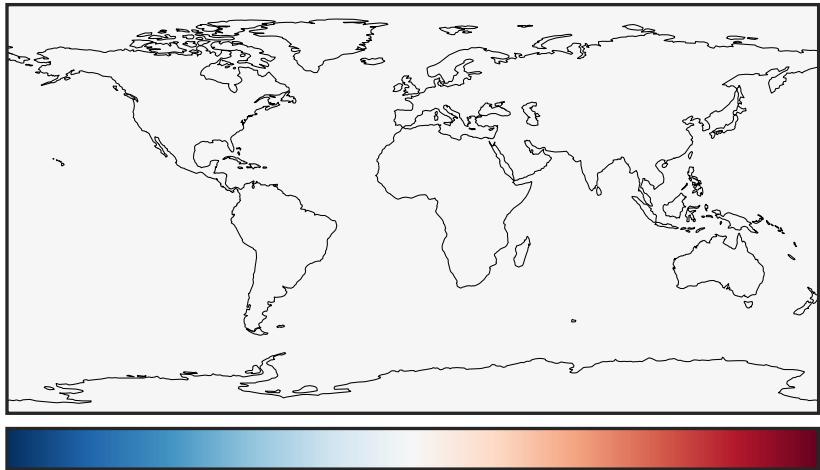
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



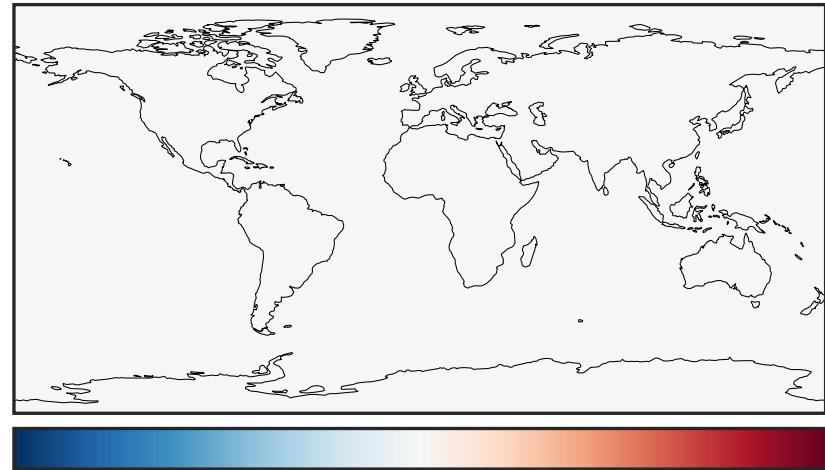
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



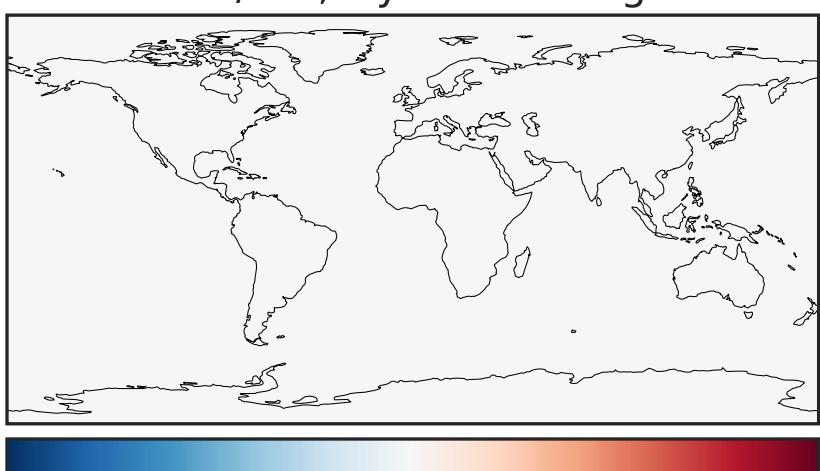
Difference
Dev - Ref, Dynamic Range



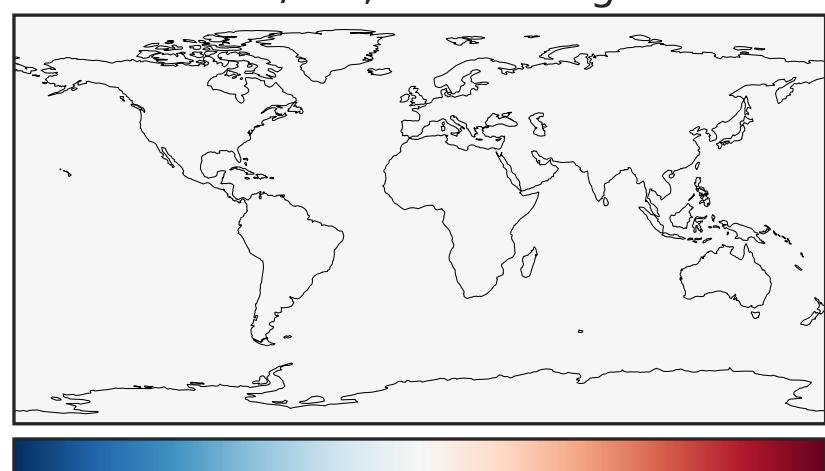
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

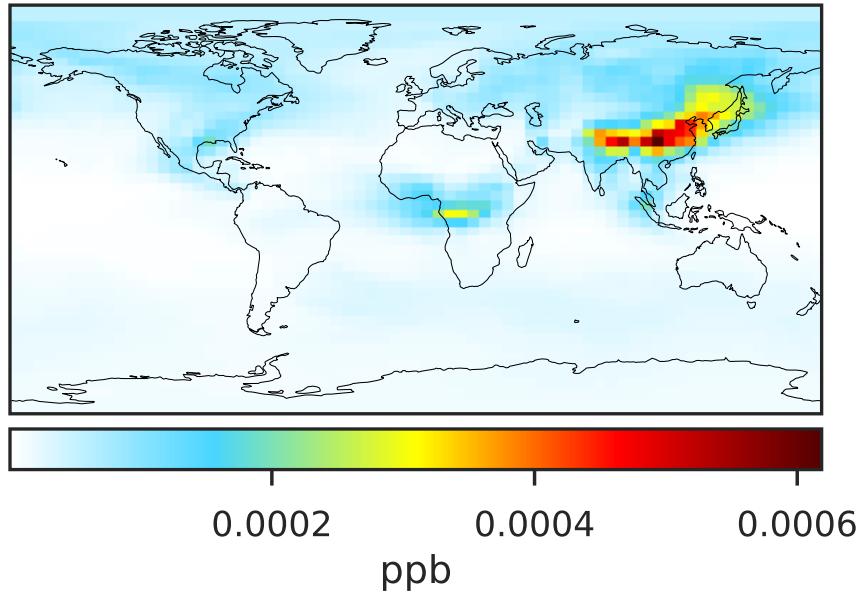


Ratio
Dev/Ref, Fixed Range

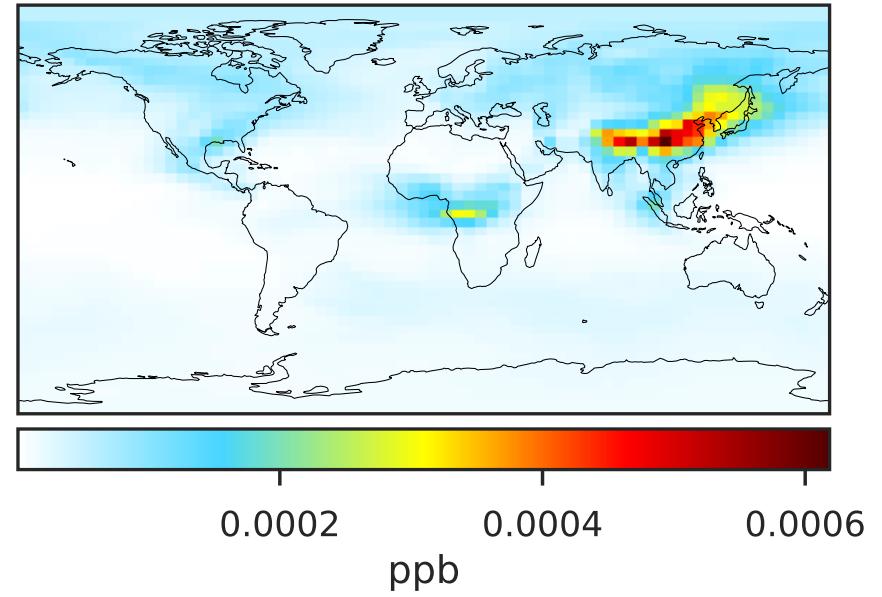


SpeciesConcVV_BZPAN

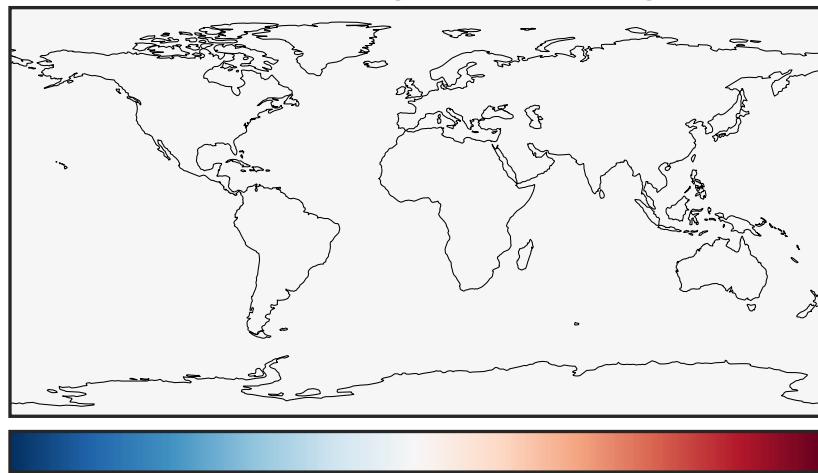
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



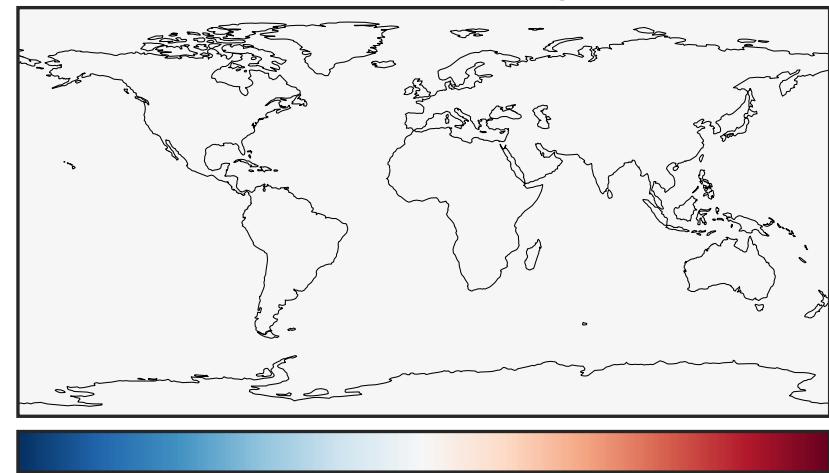
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



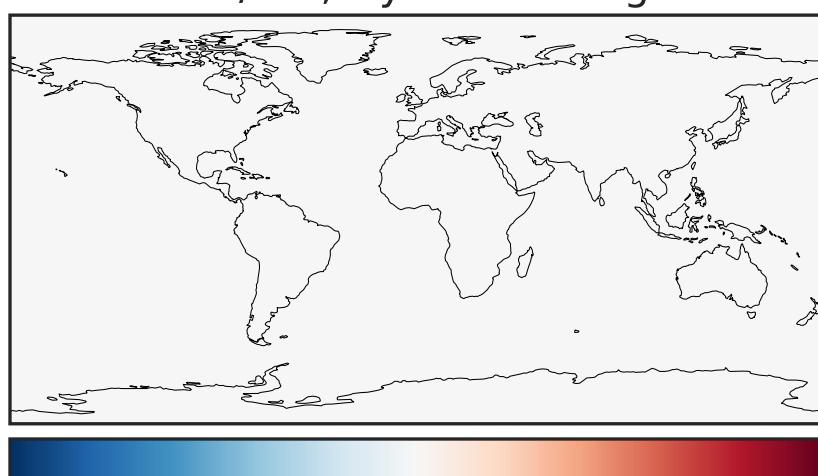
Difference
Dev - Ref, Dynamic Range



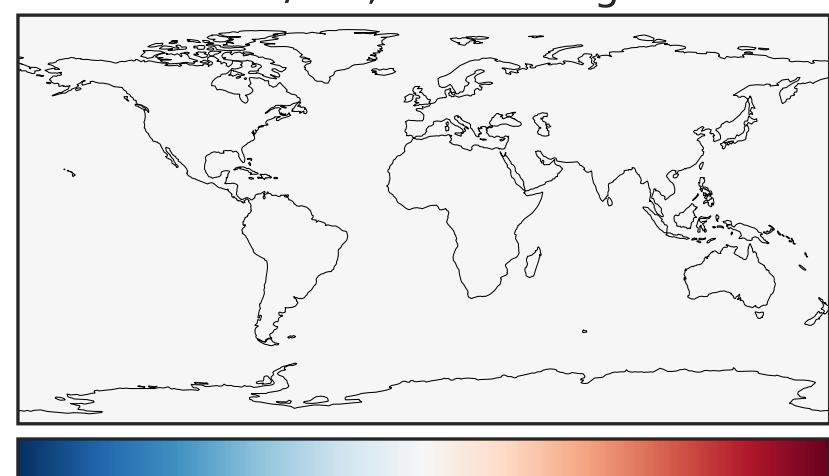
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

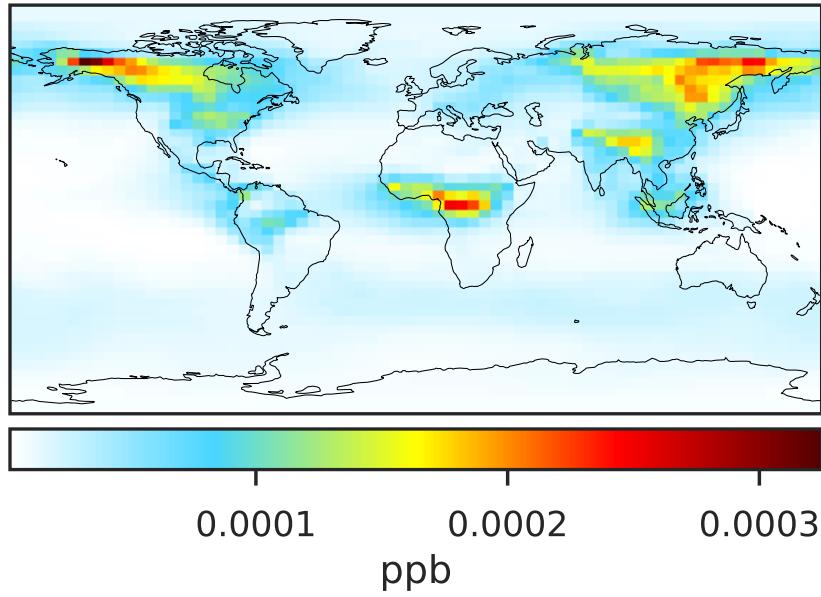


Ratio
Dev/Ref, Fixed Range

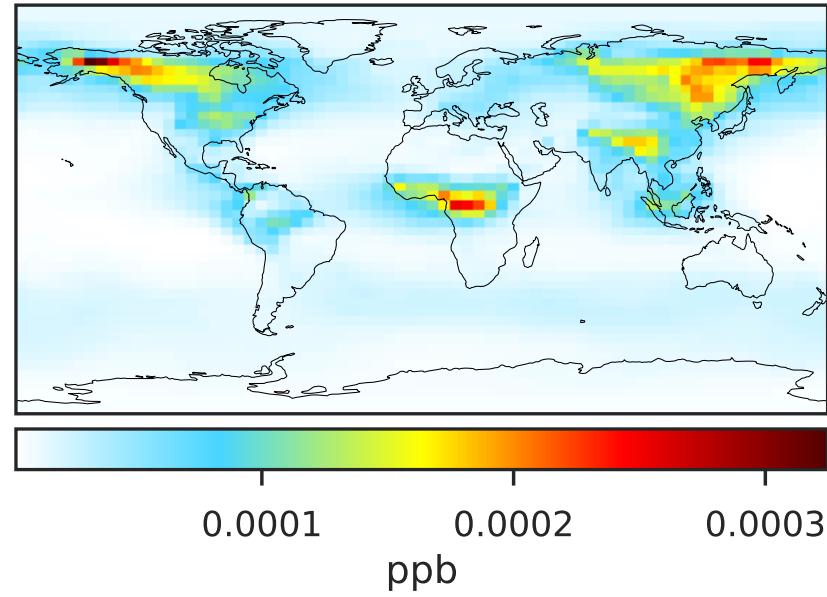


SpeciesConcVV_NPHEN

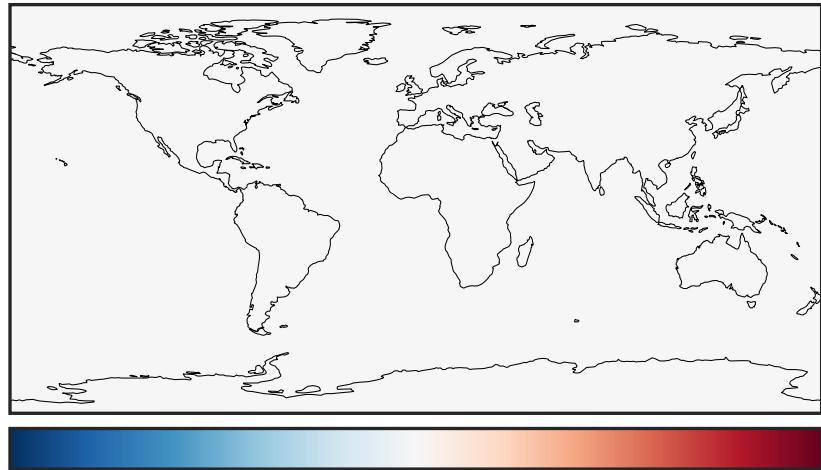
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



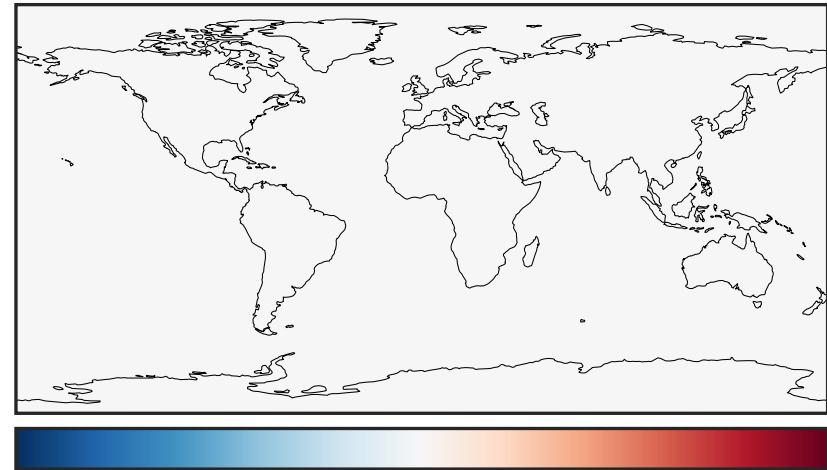
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



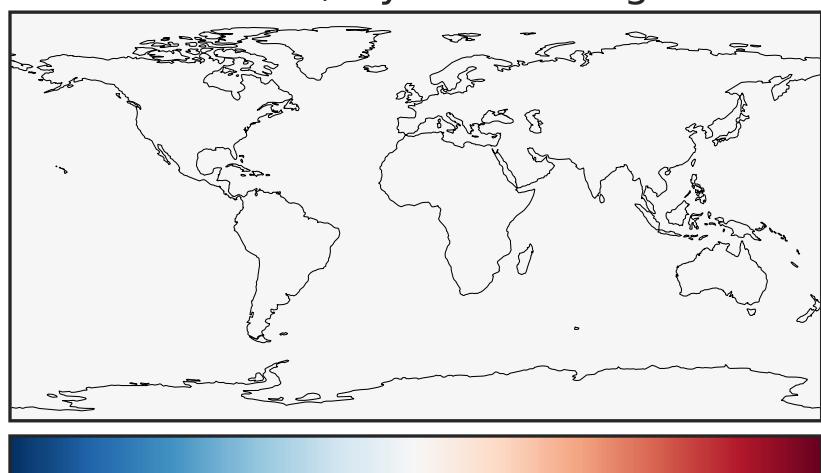
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

