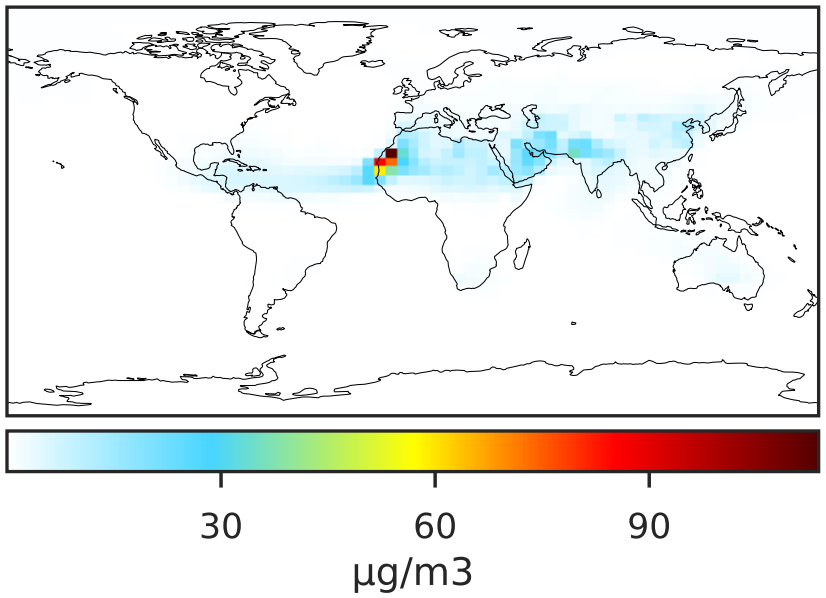
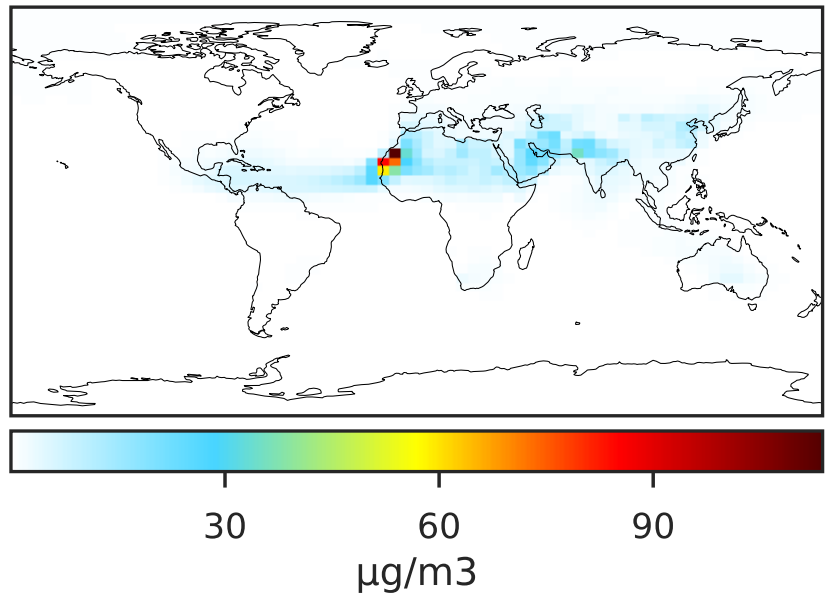
SpeciesConcVV_DST1

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



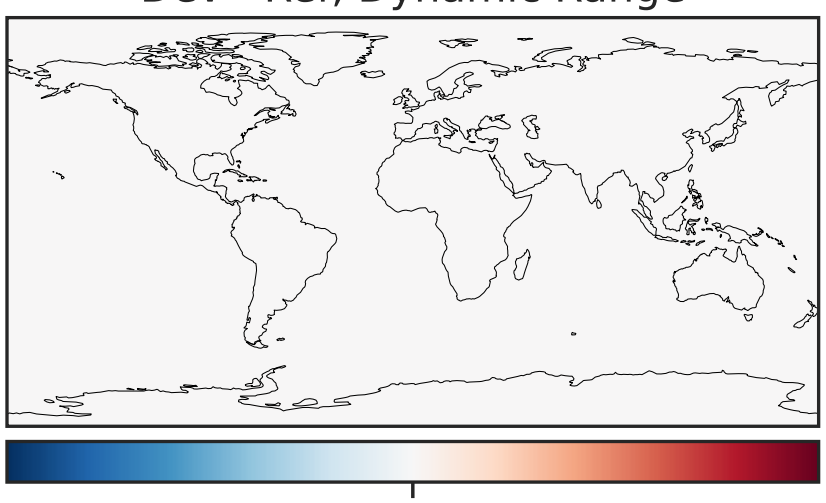
µg/m3

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



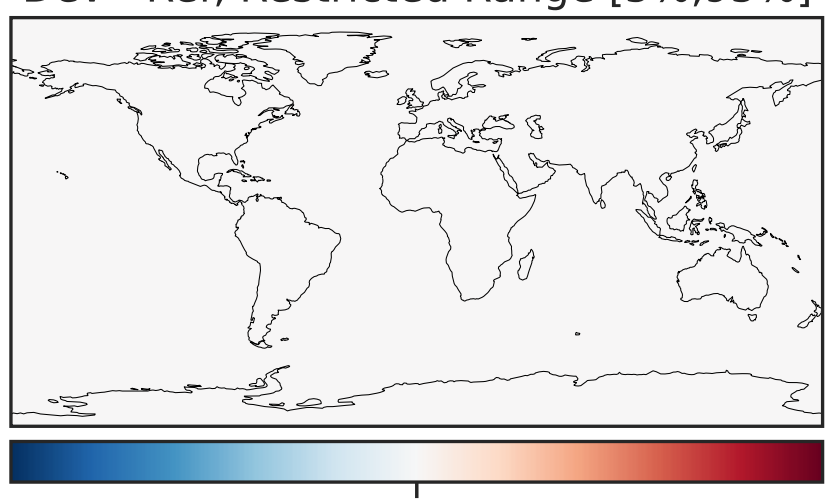
µg/m3

Difference
Dev - Ref, Dynamic Range



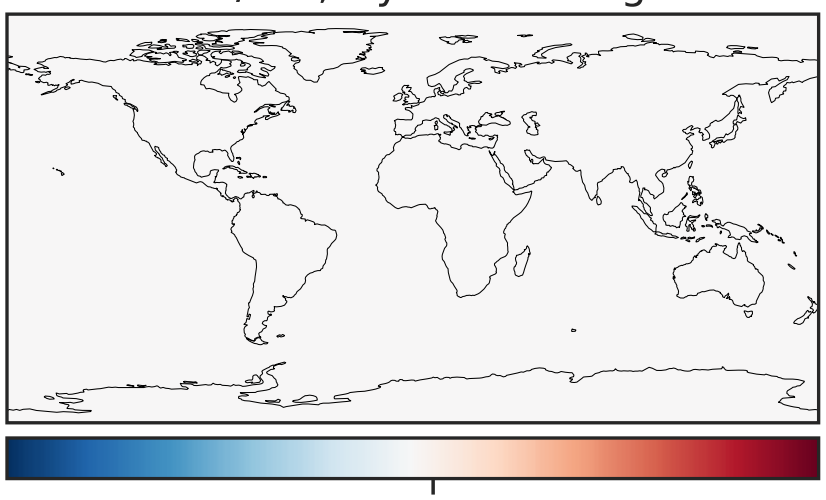
Zero throughout domain
µg/m3

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



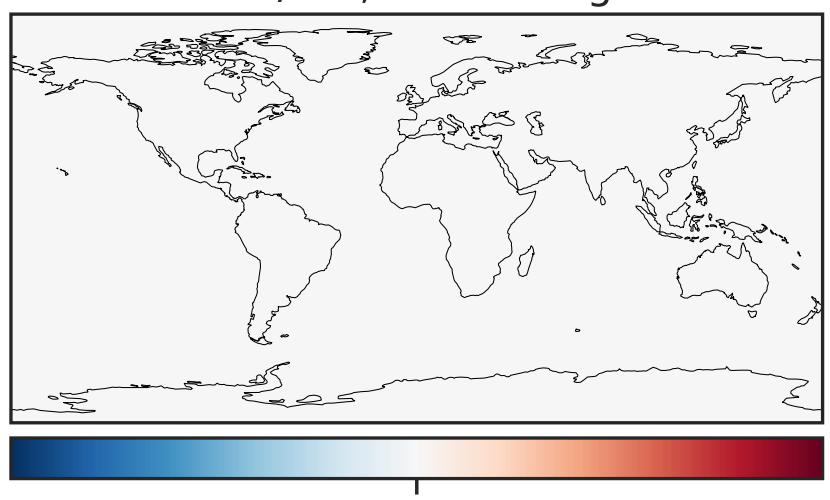
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

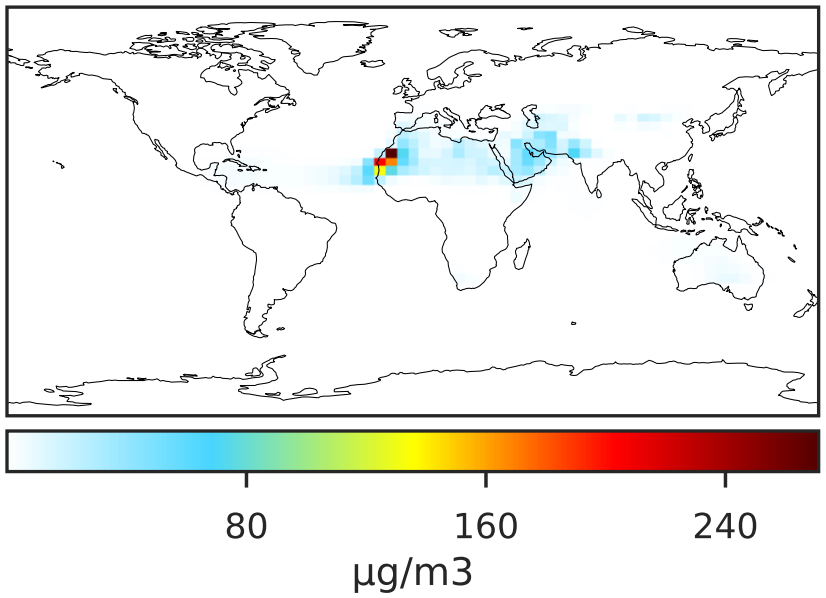
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

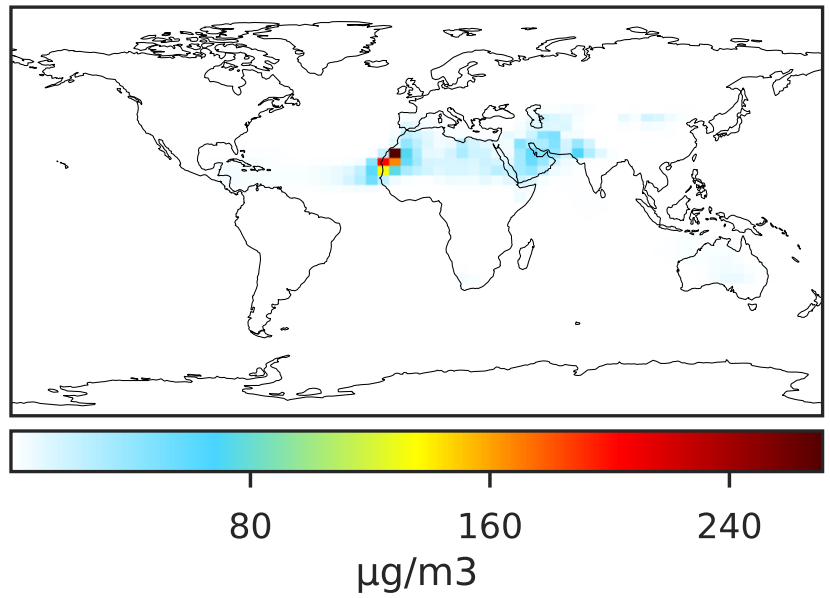
SpeciesConcVV_DST2

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



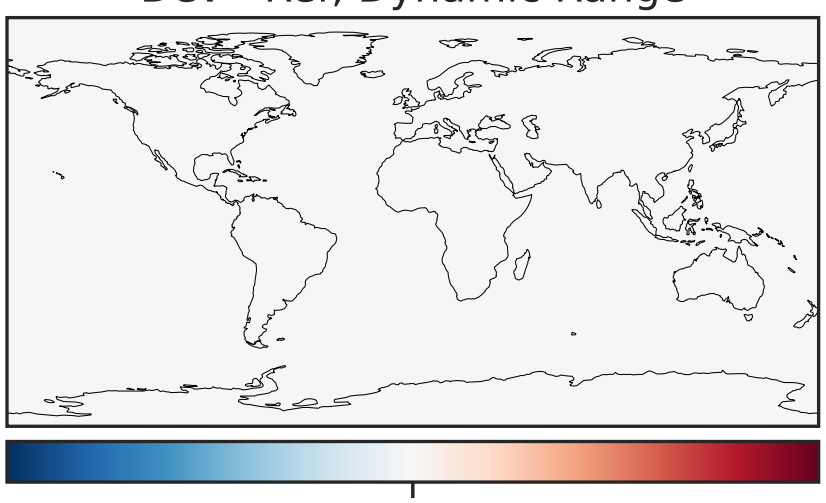
µg/m3

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



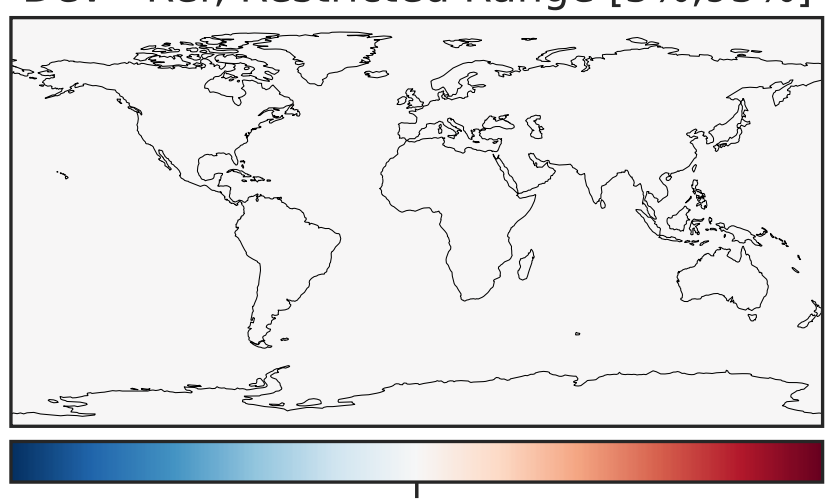
µg/m3

Difference
Dev - Ref, Dynamic Range



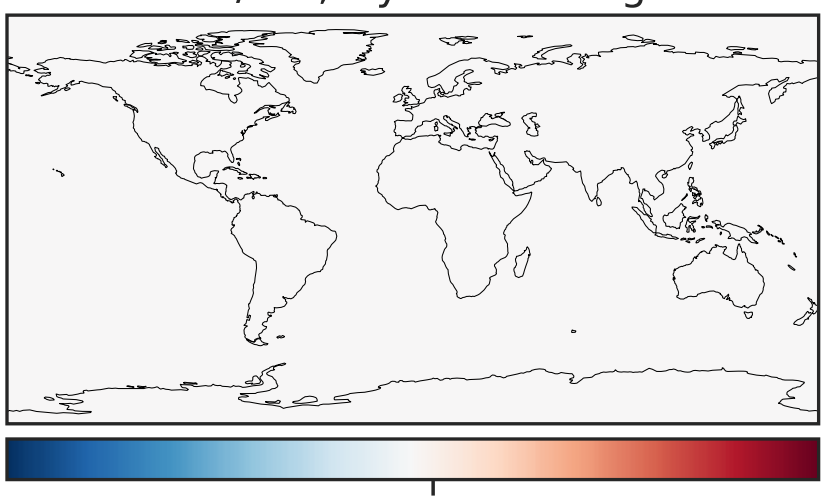
Zero throughout domain
µg/m3

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



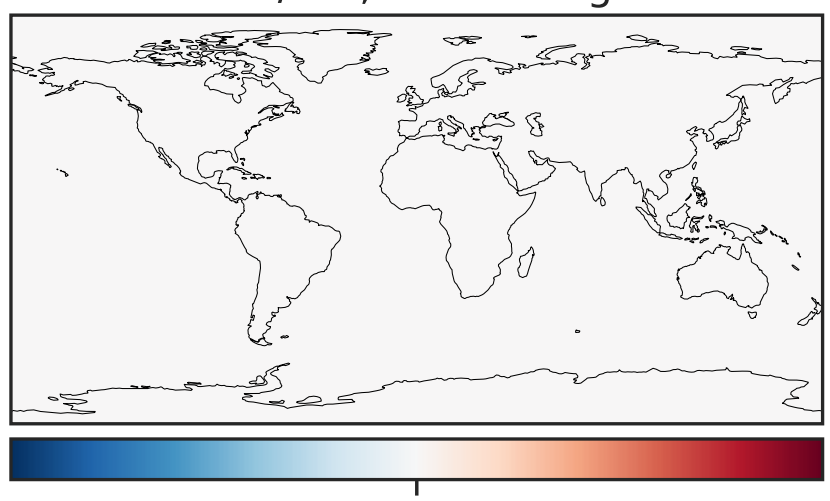
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

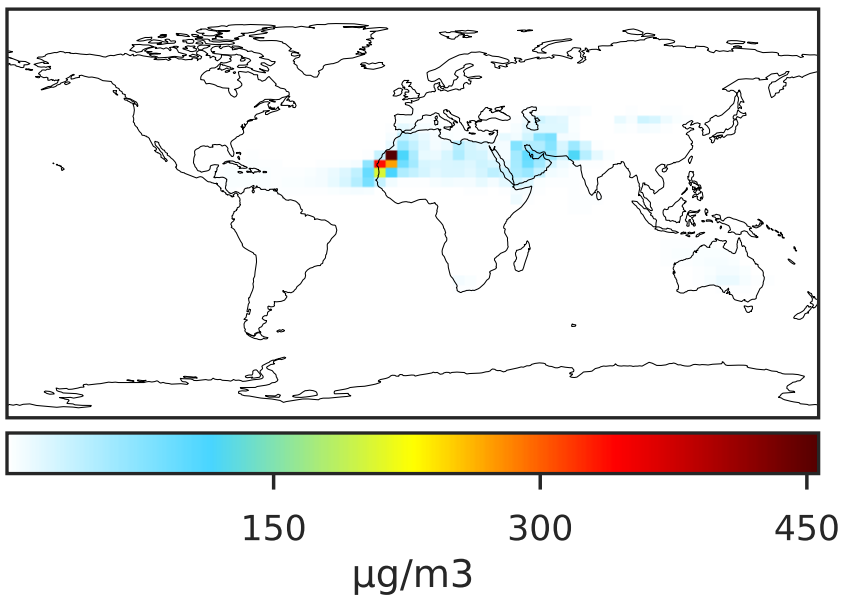
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

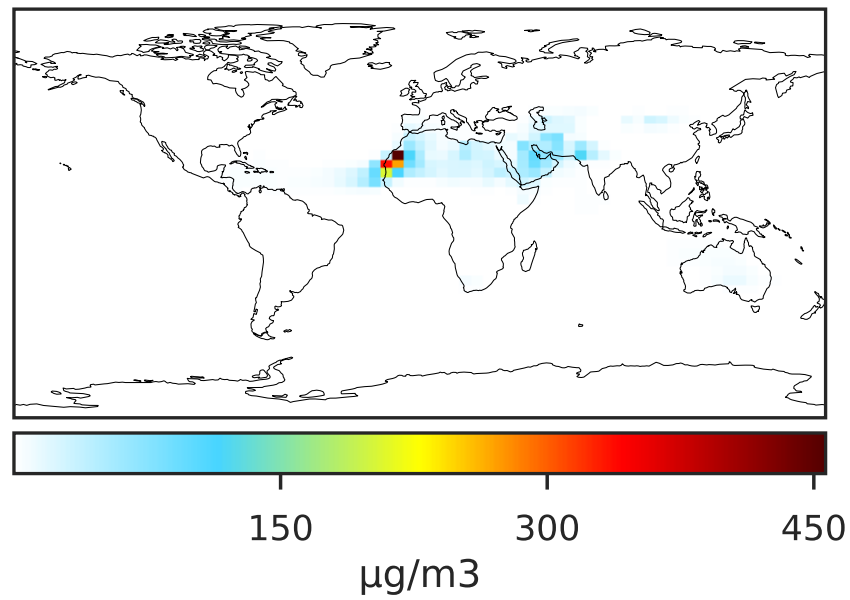
SpeciesConcVV_DST3

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



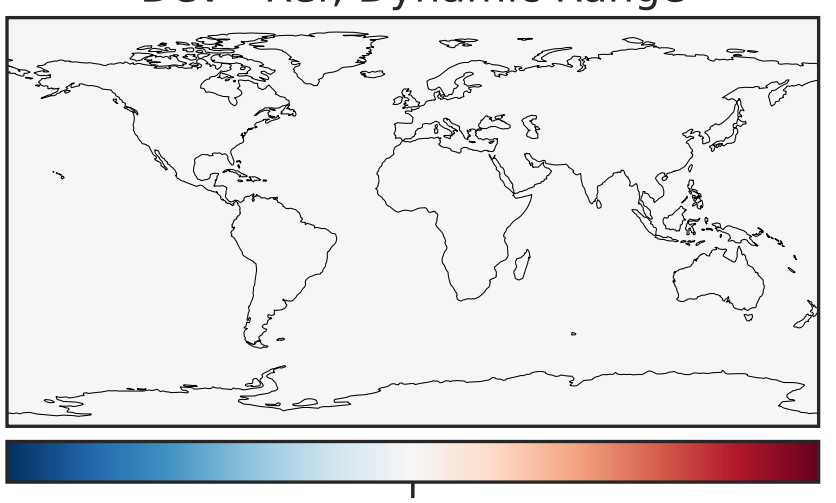
µg/m3

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



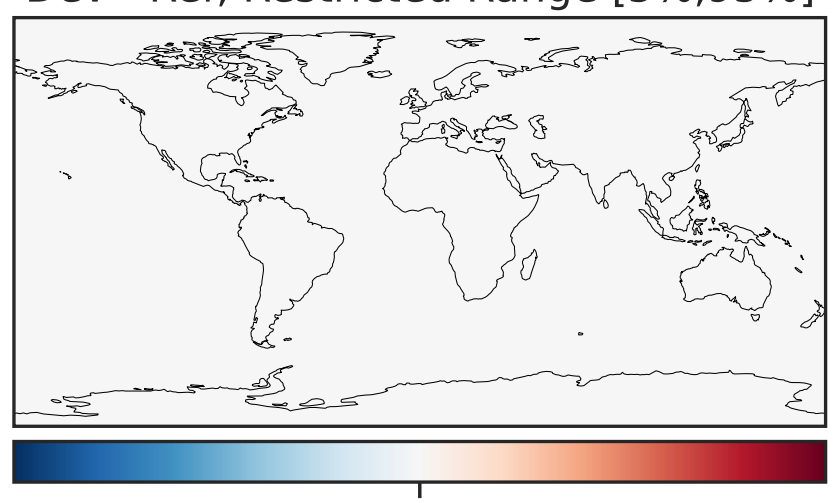
µg/m3

Difference
Dev - Ref, Dynamic Range



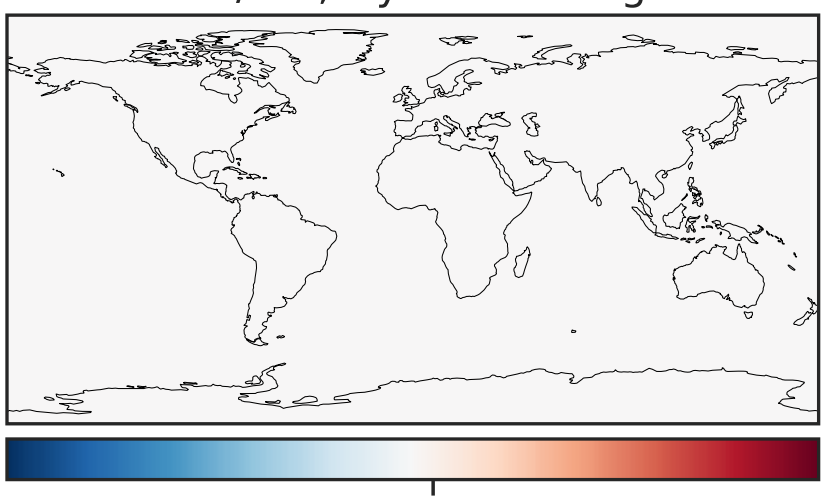
Zero throughout domain
µg/m3

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



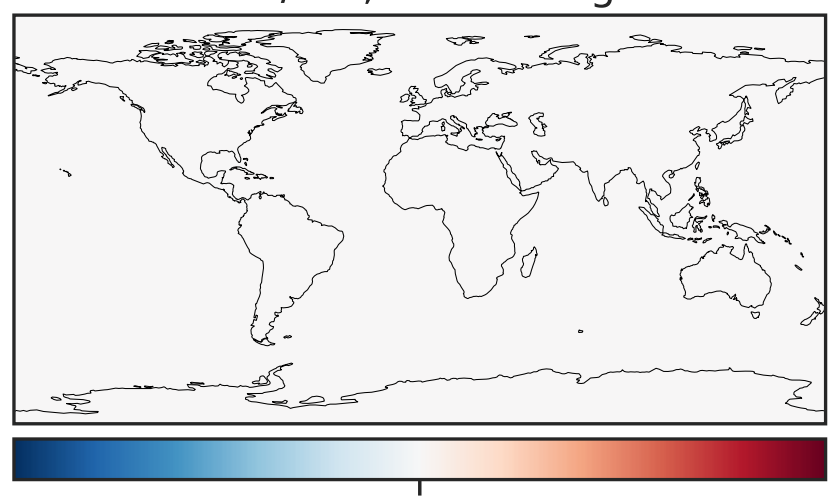
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

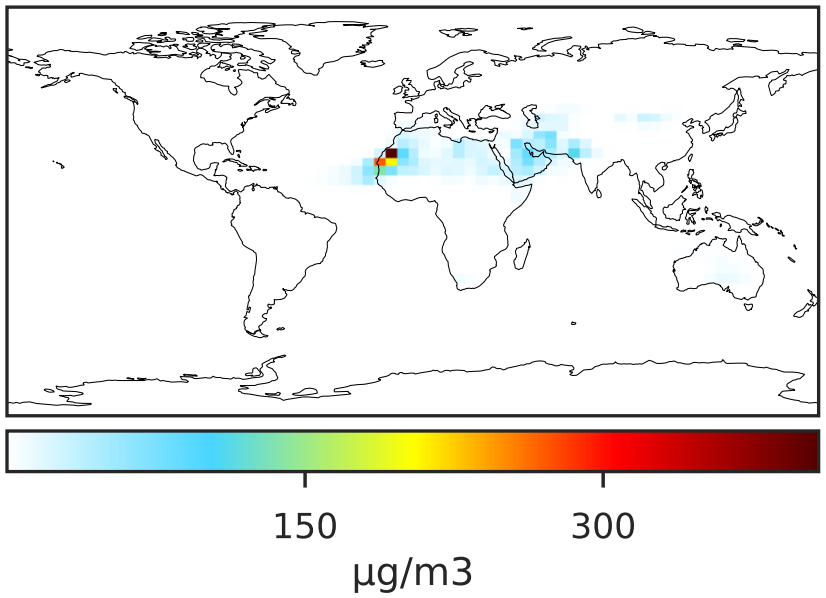
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

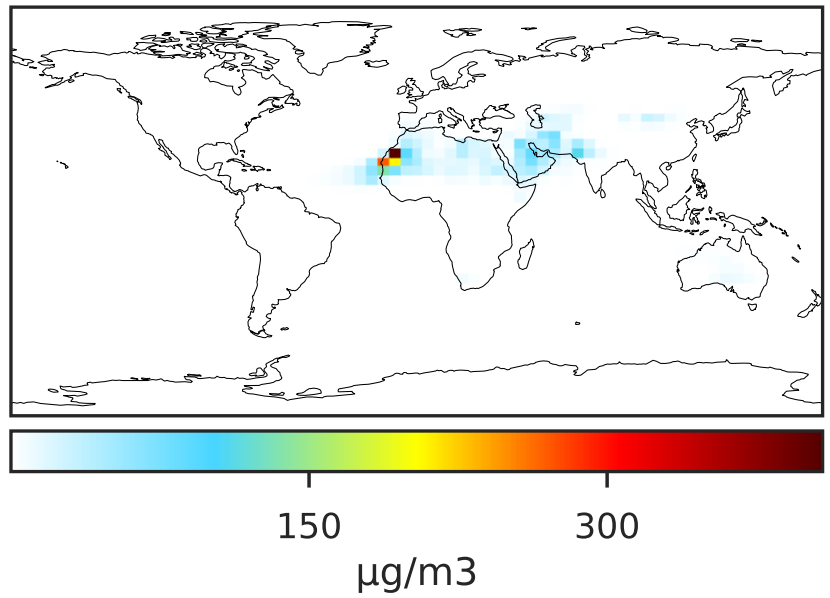
SpeciesConcVV_DST4

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



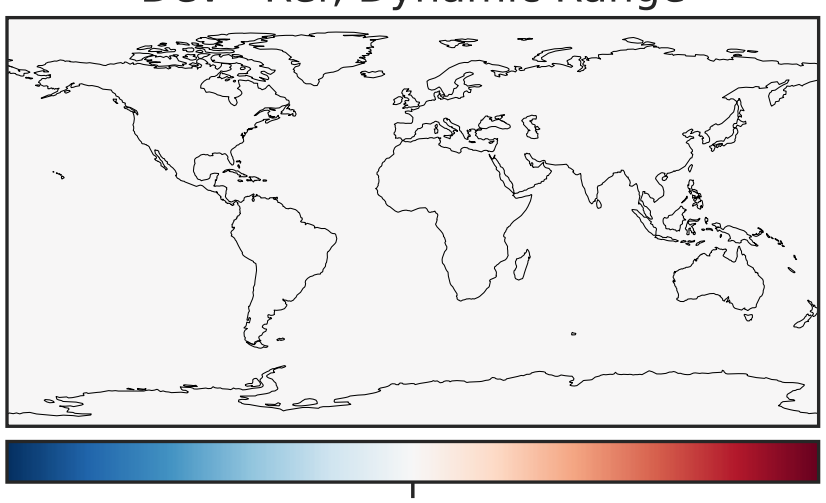
µg/m3

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



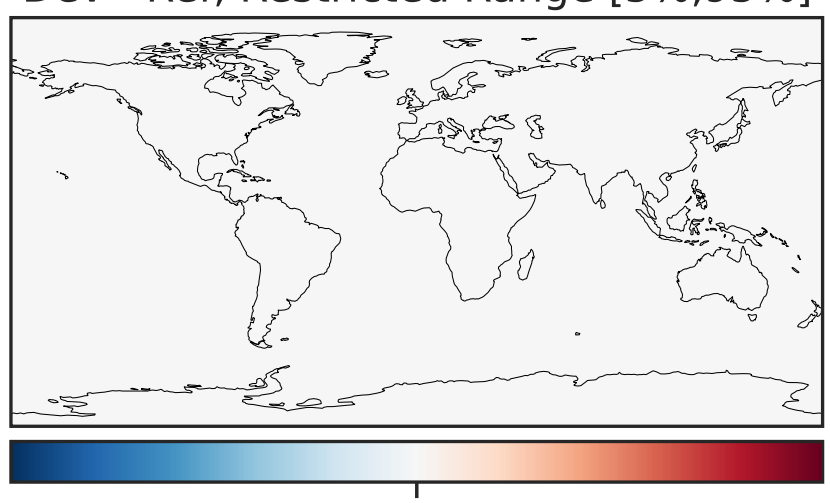
µg/m3

Difference
Dev - Ref, Dynamic Range



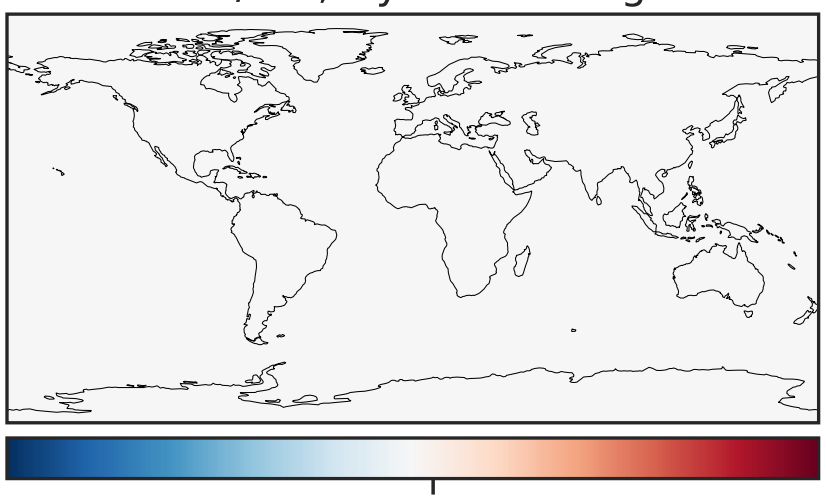
Zero throughout domain
µg/m3

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



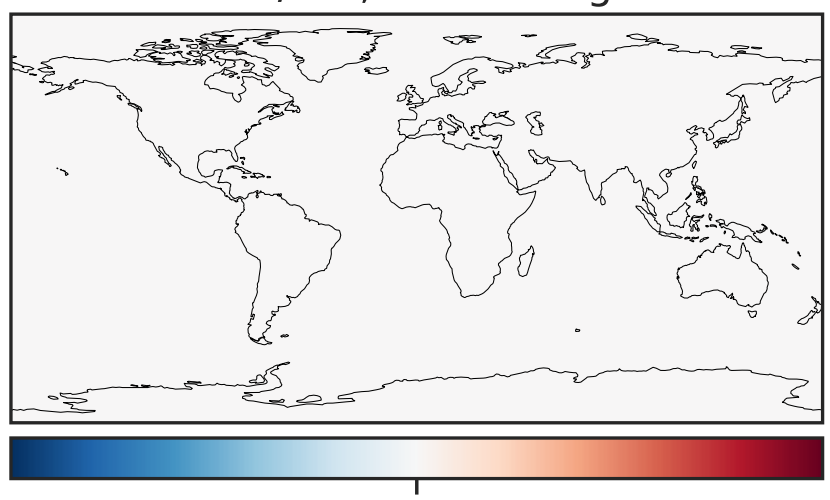
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

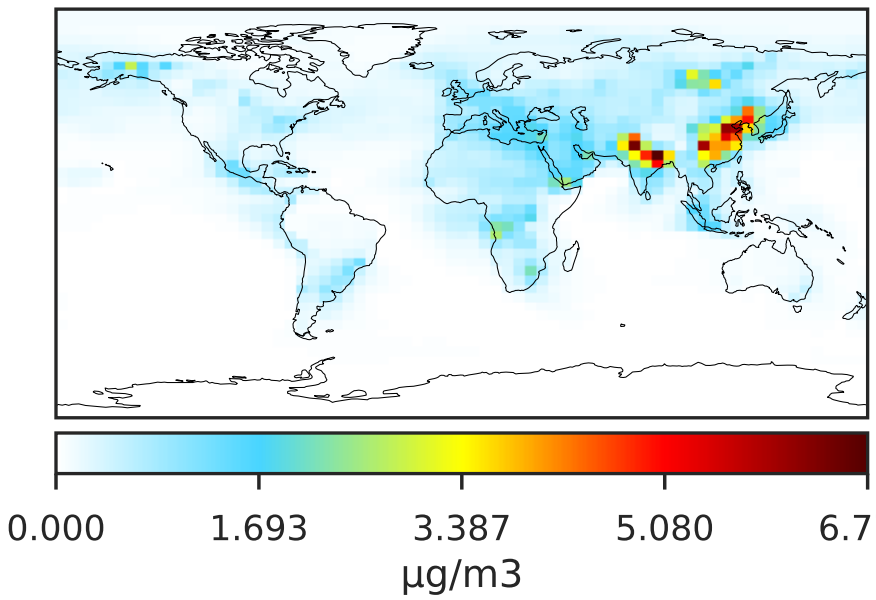
Ratio
Dev/Ref, Fixed Range



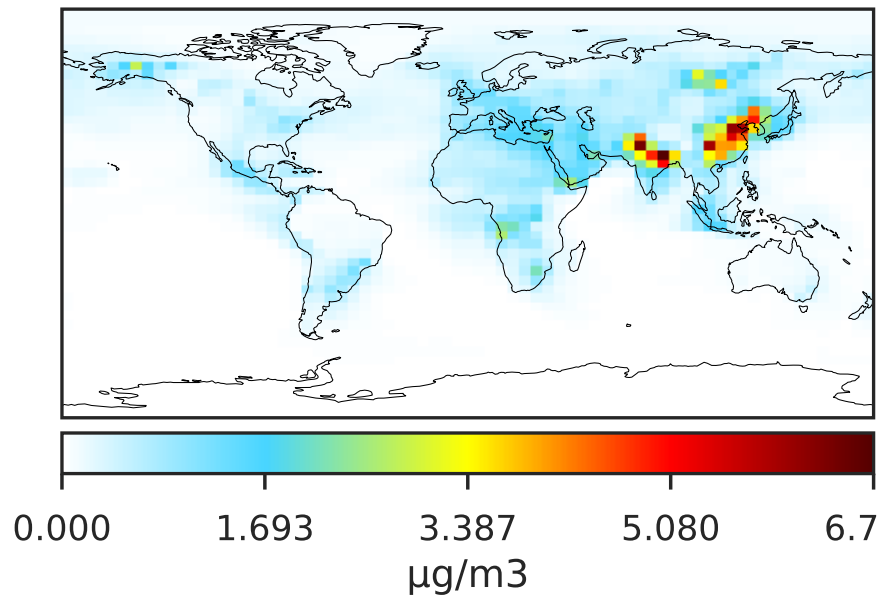
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NH4

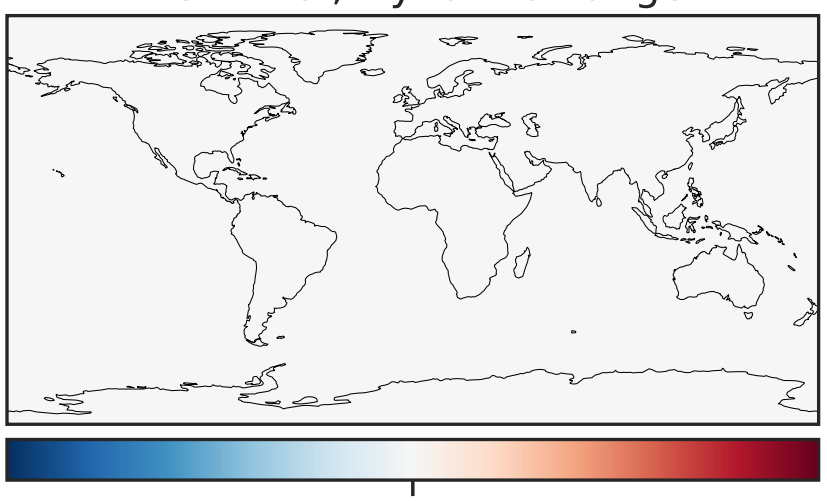
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



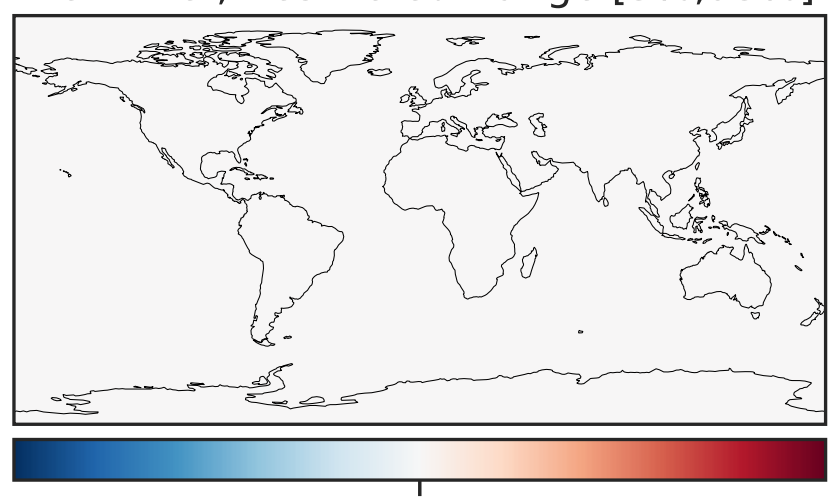
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



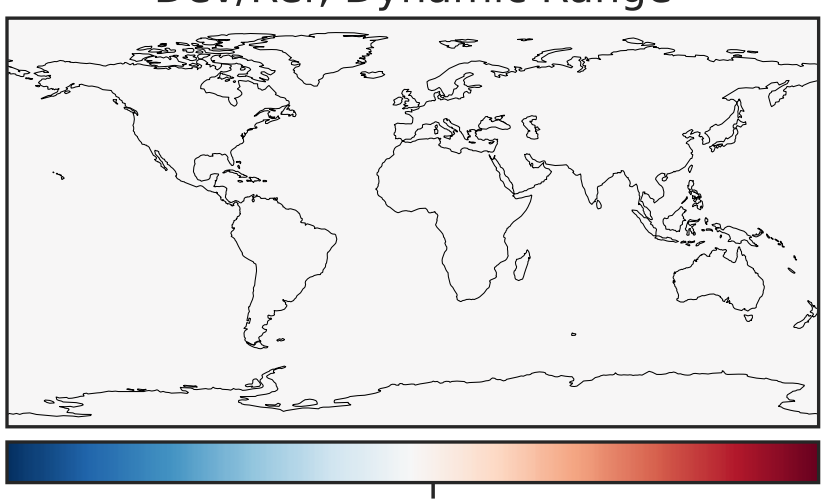
Difference
Dev - Ref, Dynamic Range



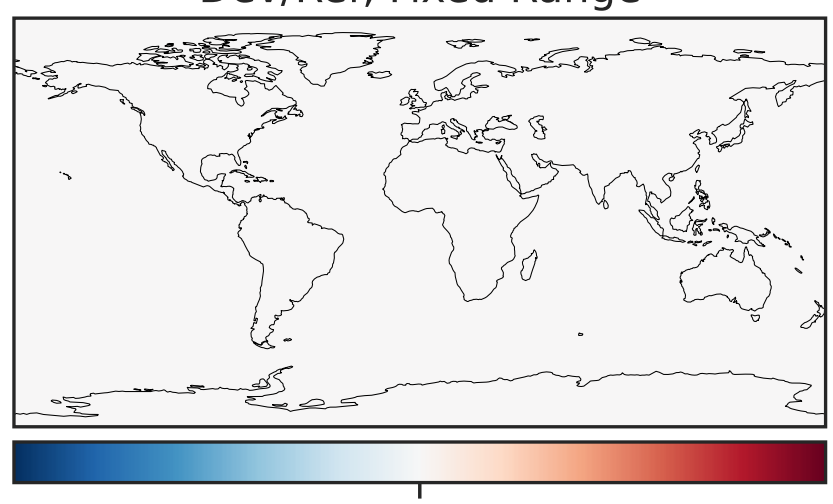
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

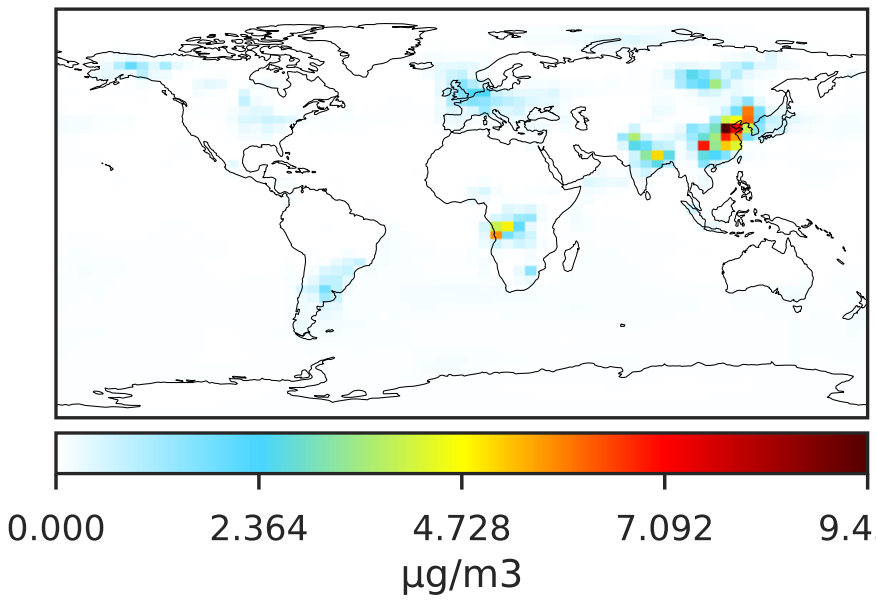


Ratio
Dev/Ref, Fixed Range



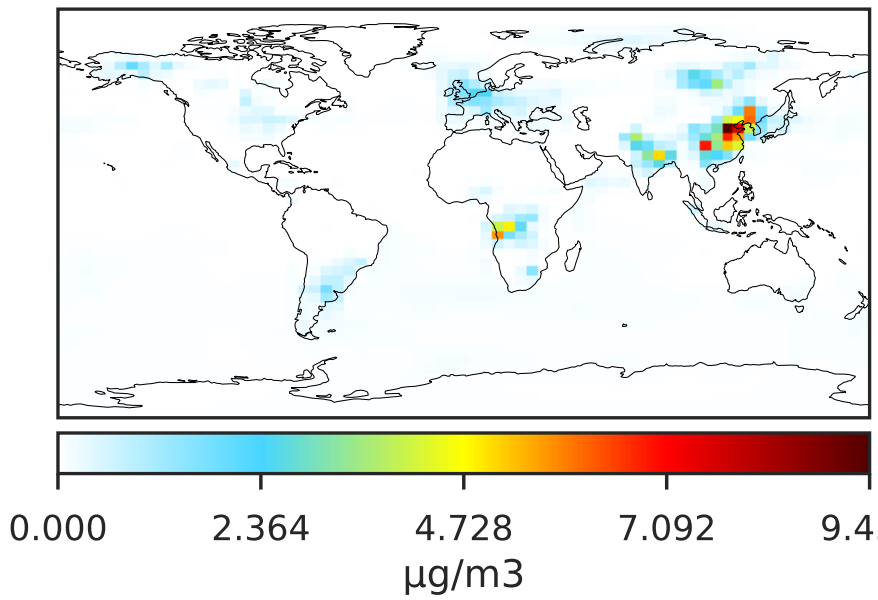
SpeciesConcVV_NIT

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



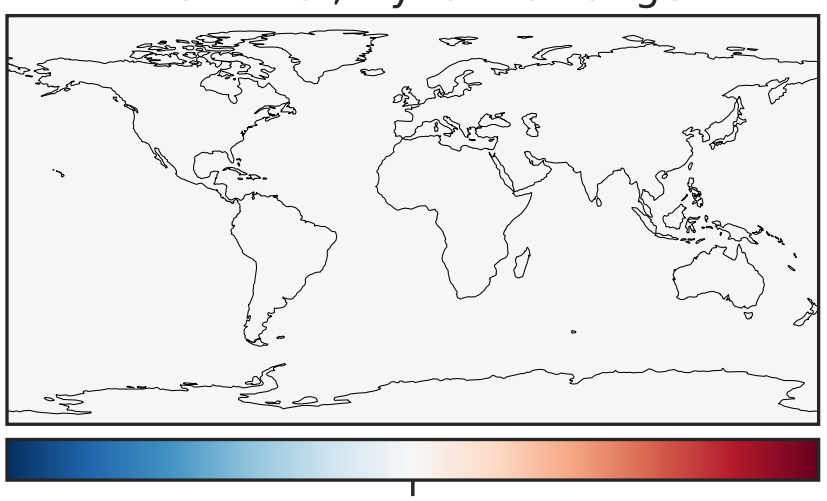
µg/m3

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



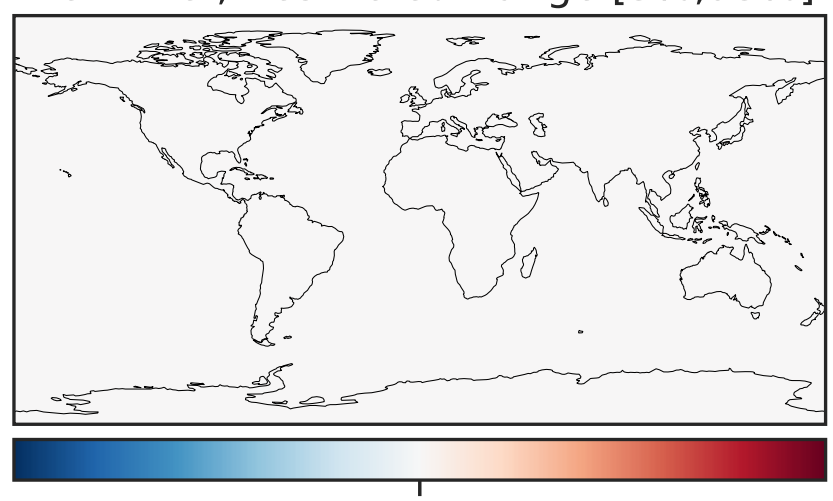
µg/m3

Difference
Dev - Ref, Dynamic Range



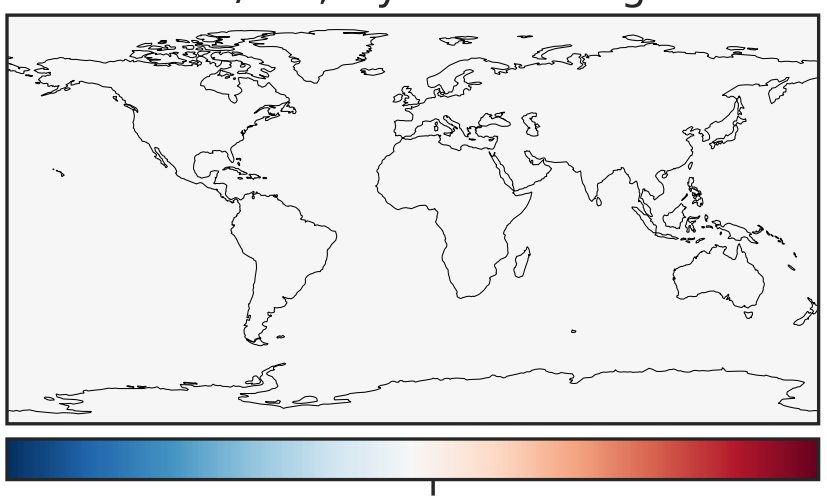
Zero throughout domain
µg/m3

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



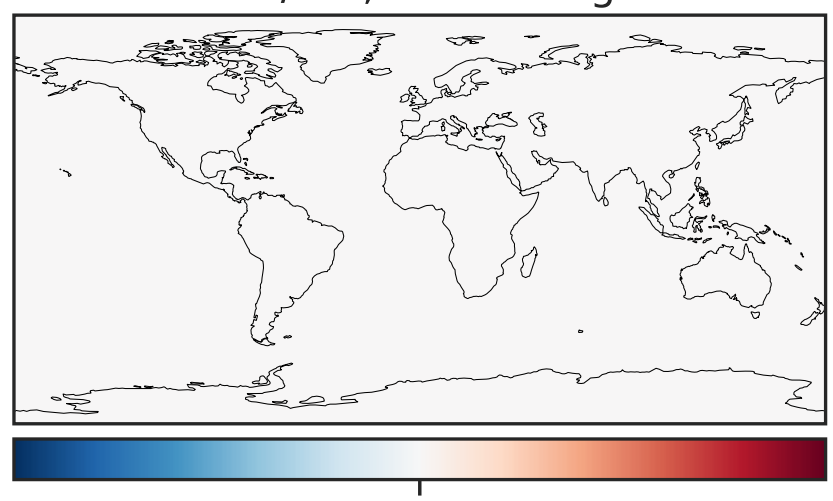
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

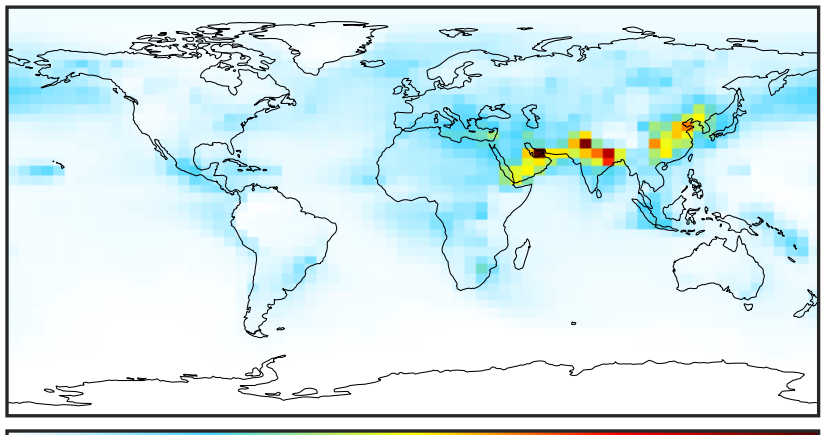
Ratio
Dev/Ref, Fixed Range



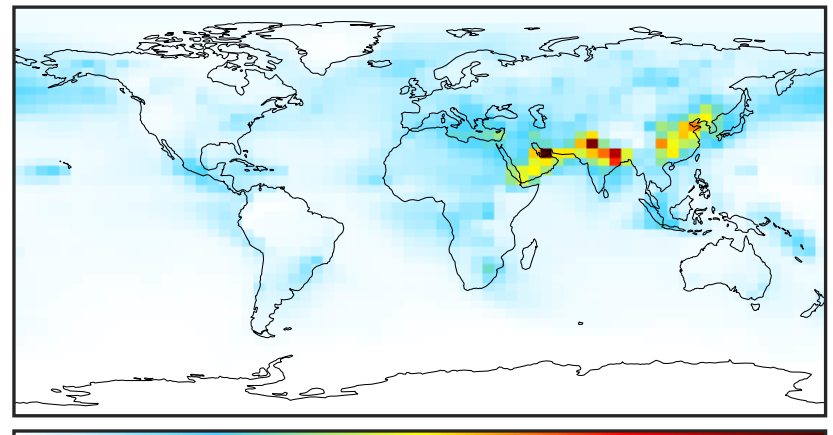
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_SO4

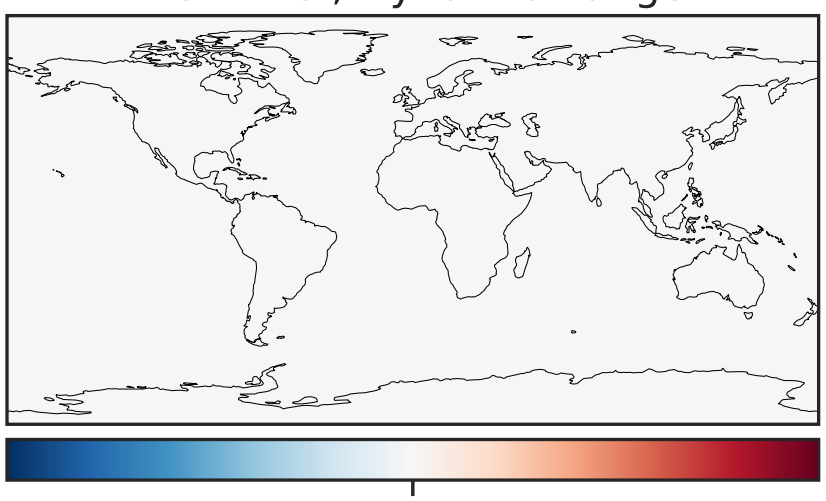
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



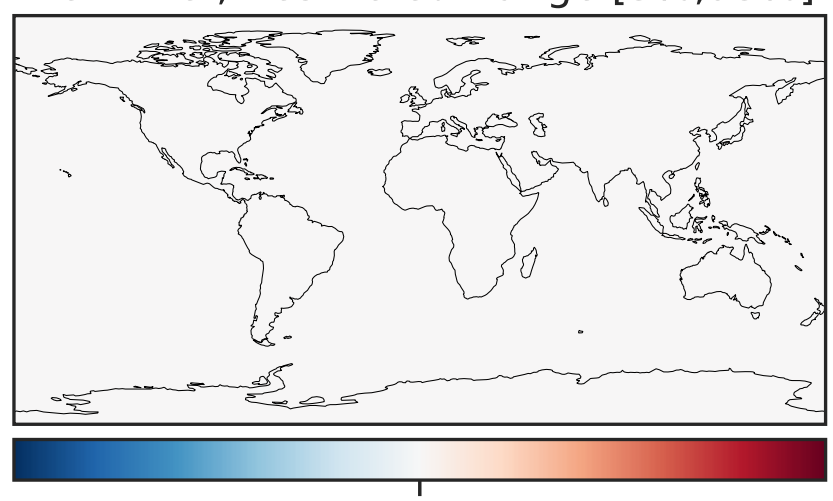
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



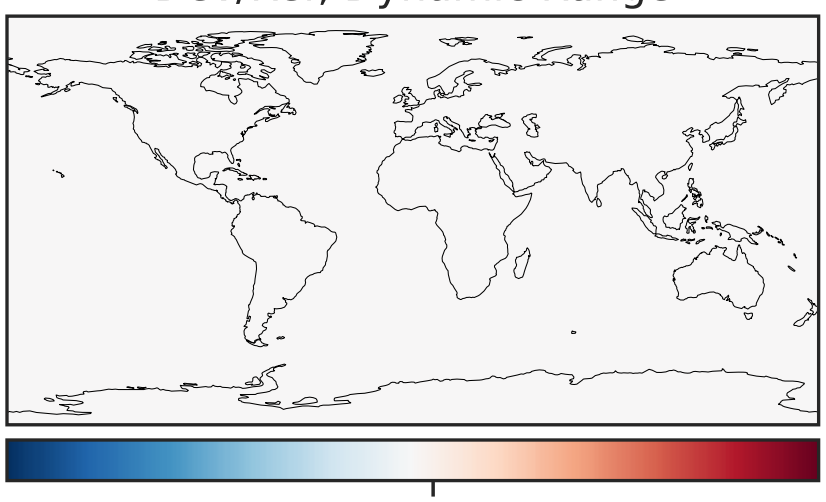
Difference
Dev - Ref, Dynamic Range



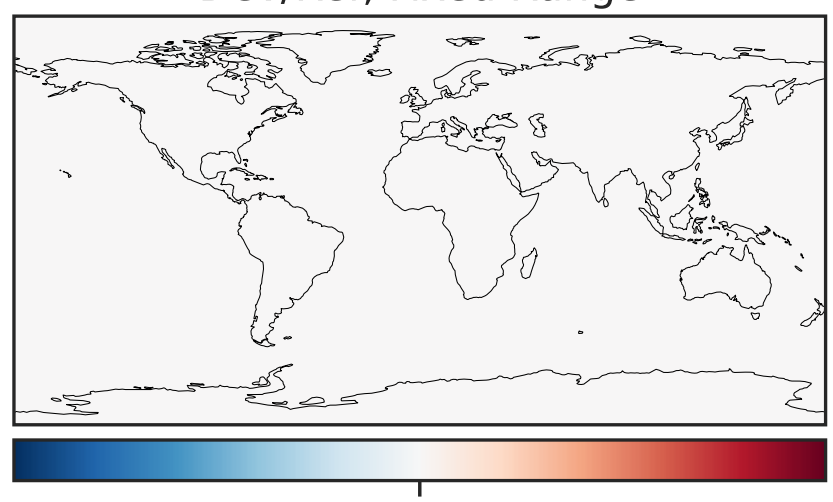
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

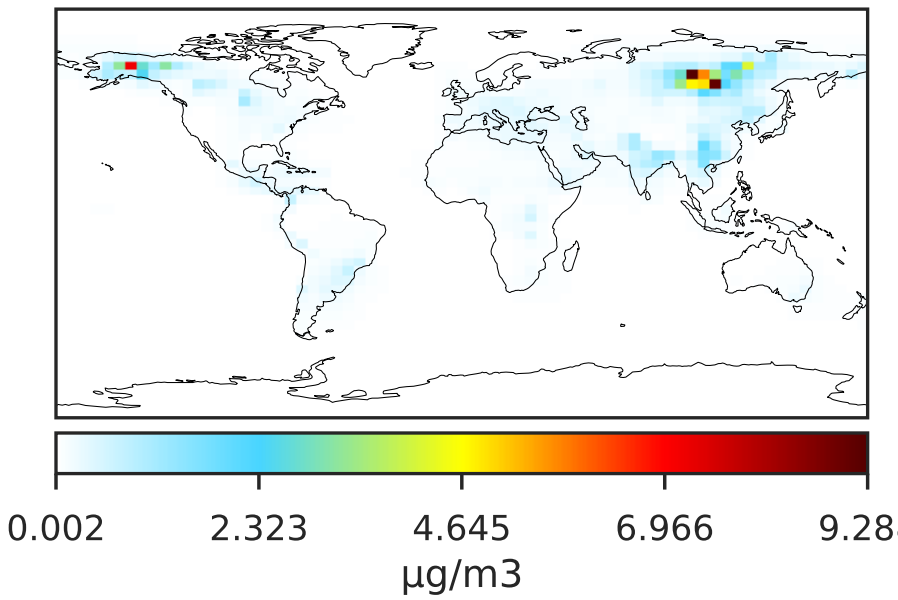


Ratio
Dev/Ref, Fixed Range

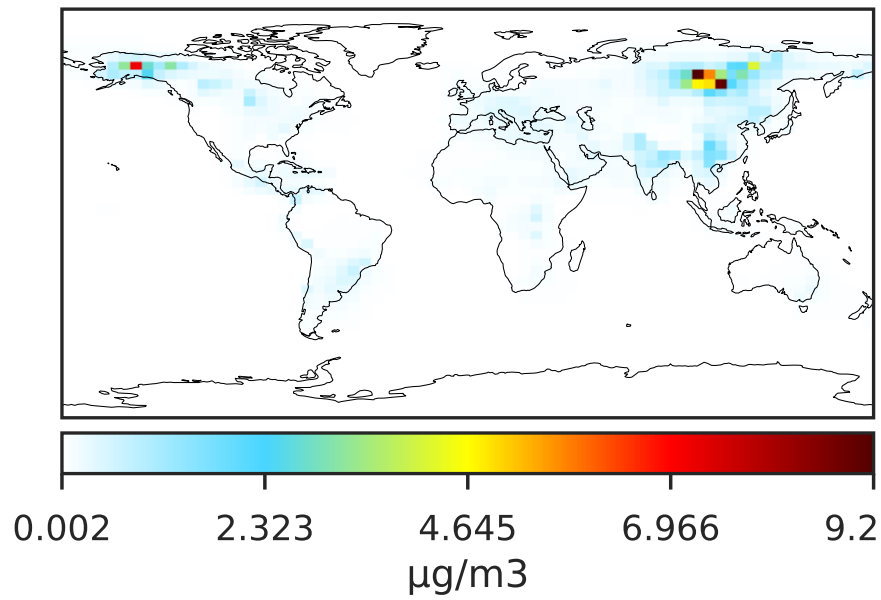


SpeciesConcVV_HMS

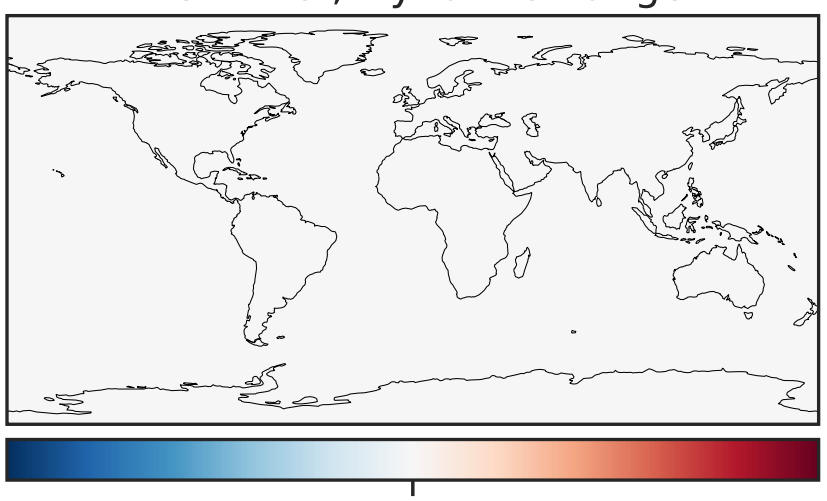
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



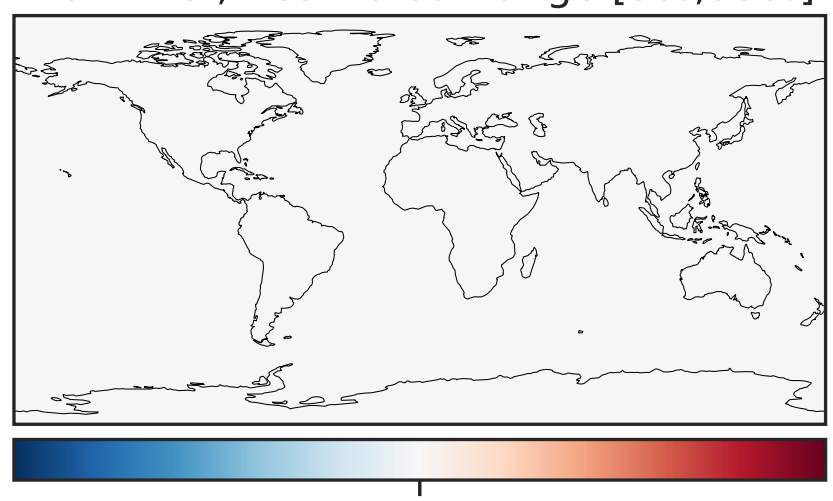
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



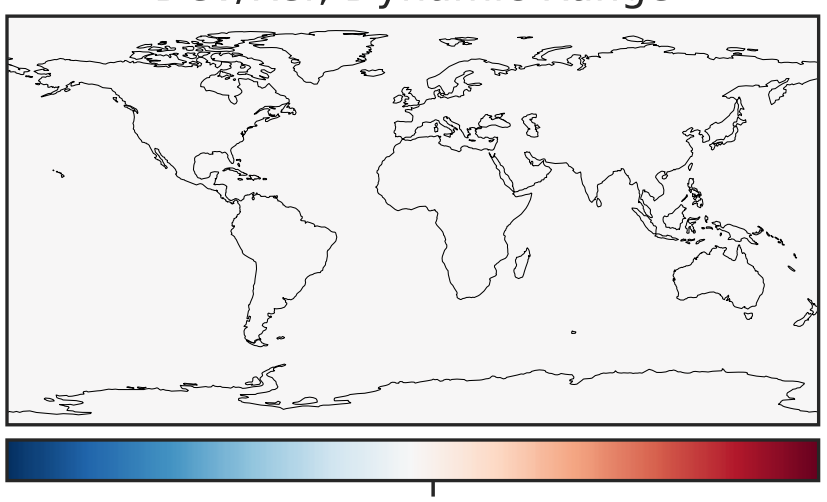
Difference
Dev - Ref, Dynamic Range



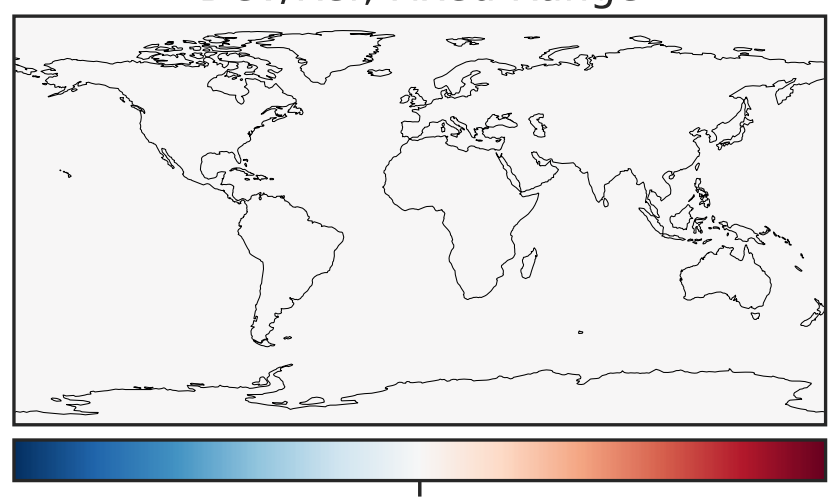
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

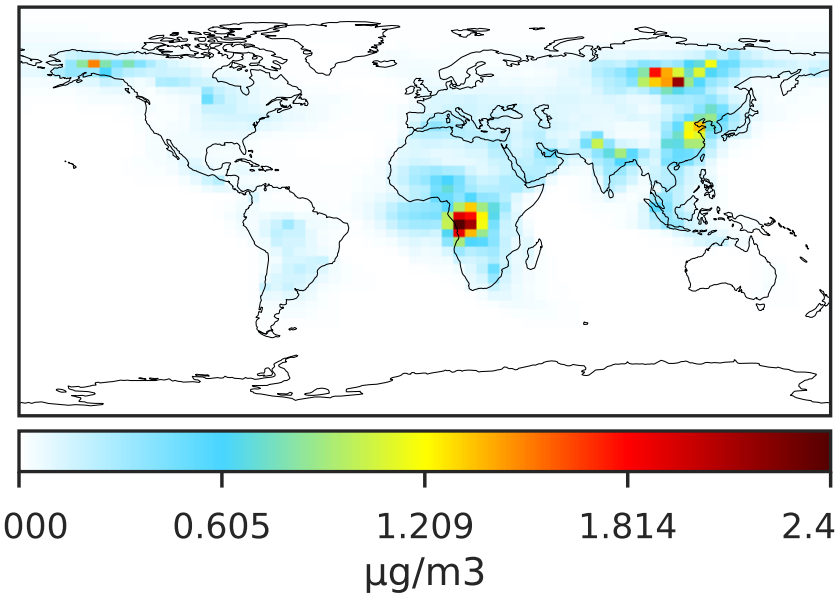


Ratio
Dev/Ref, Fixed Range

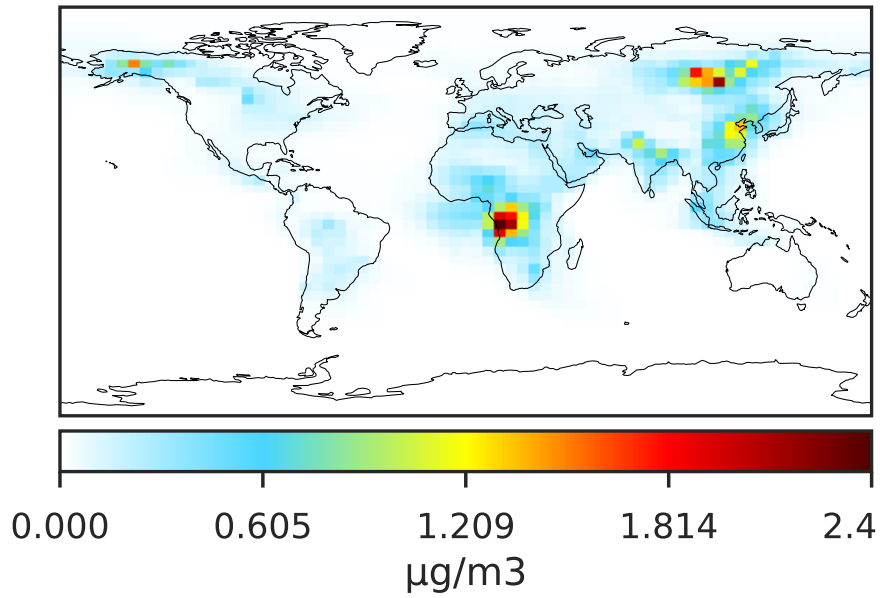


SpeciesConcVV_BCPI

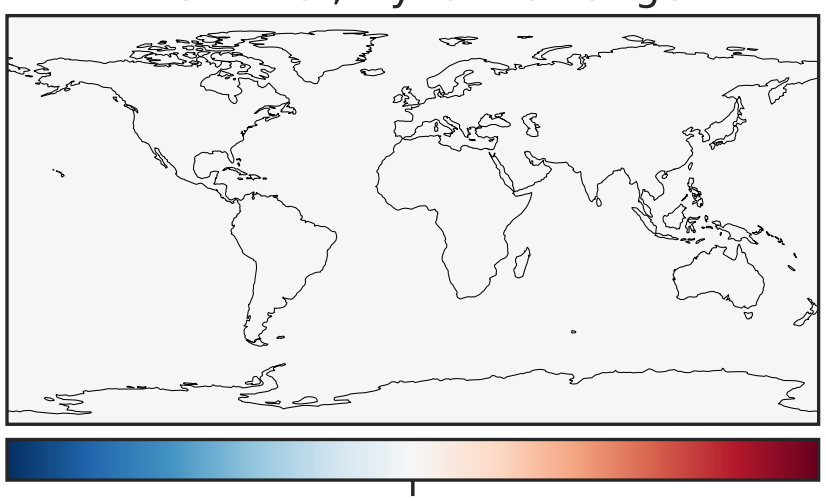
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



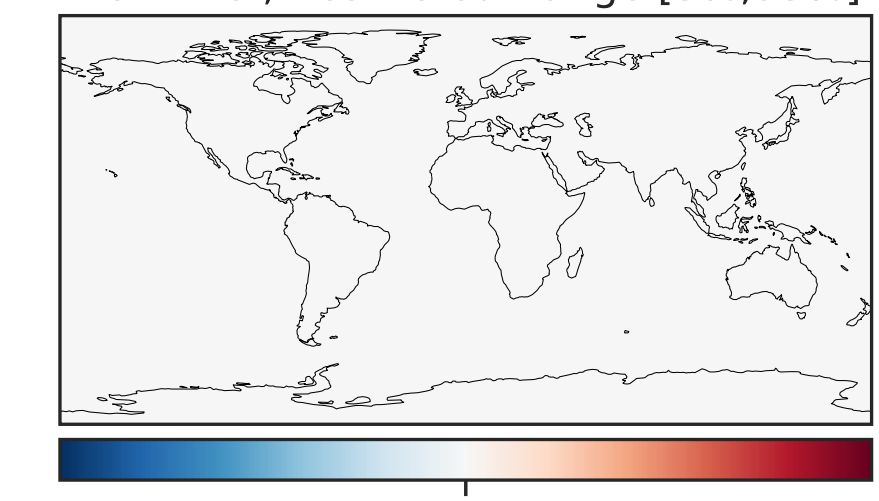
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



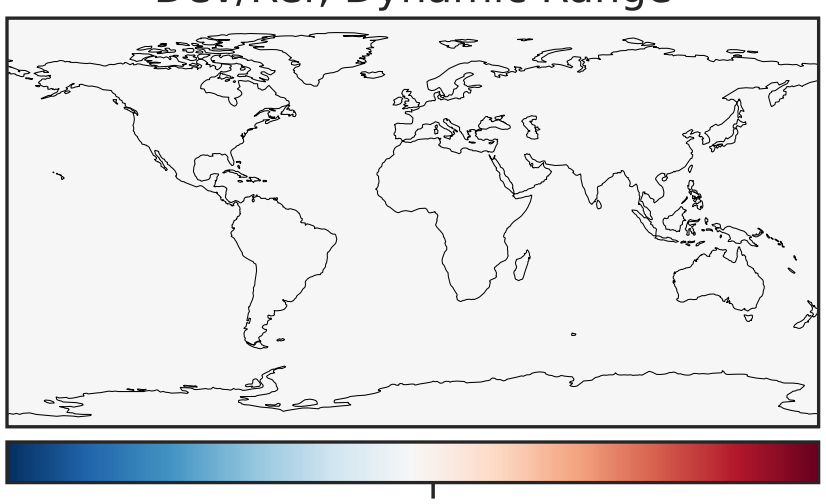
Difference
Dev - Ref, Dynamic Range



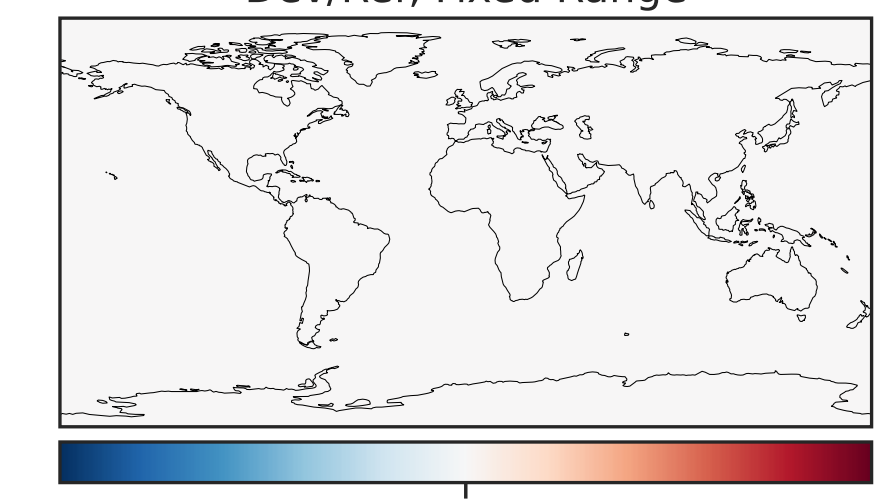
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

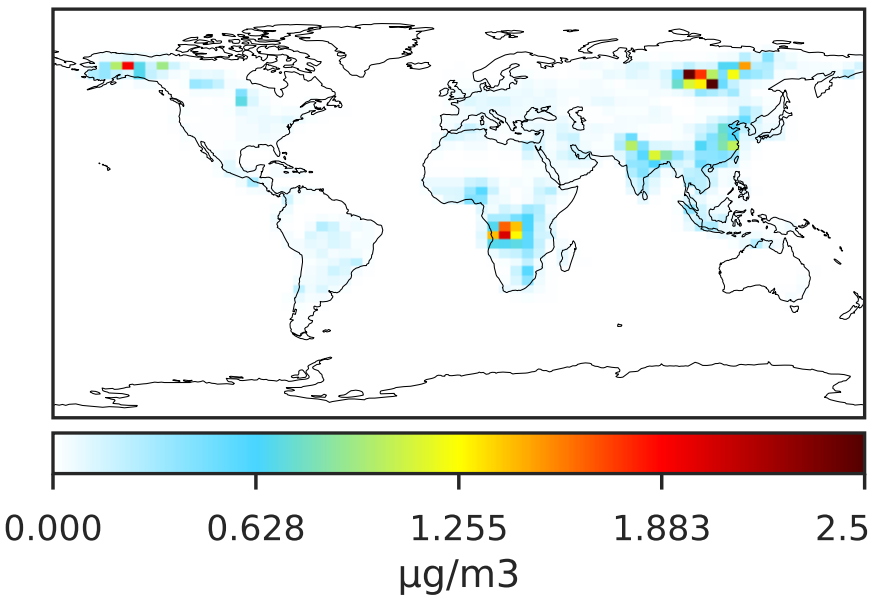


Ratio
Dev/Ref, Fixed Range

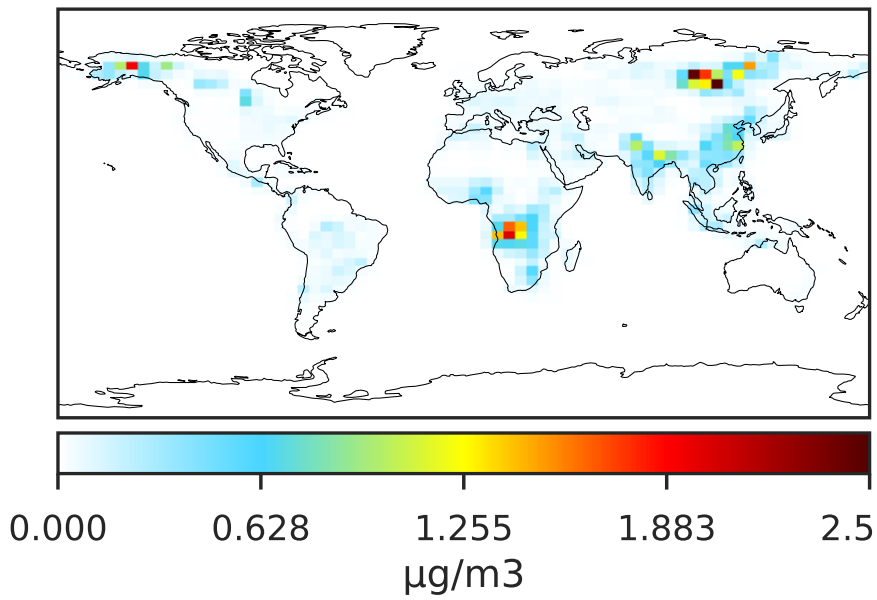


SpeciesConcVV_BCPO

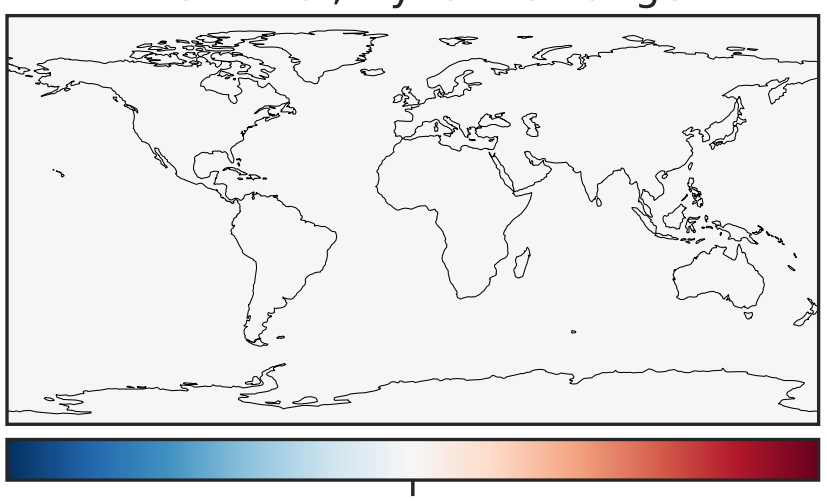
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



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

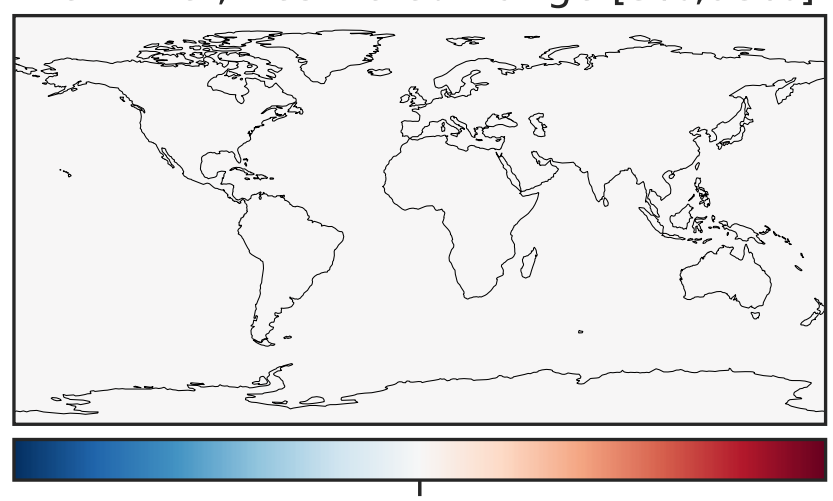


Difference
Dev - Ref, Dynamic Range



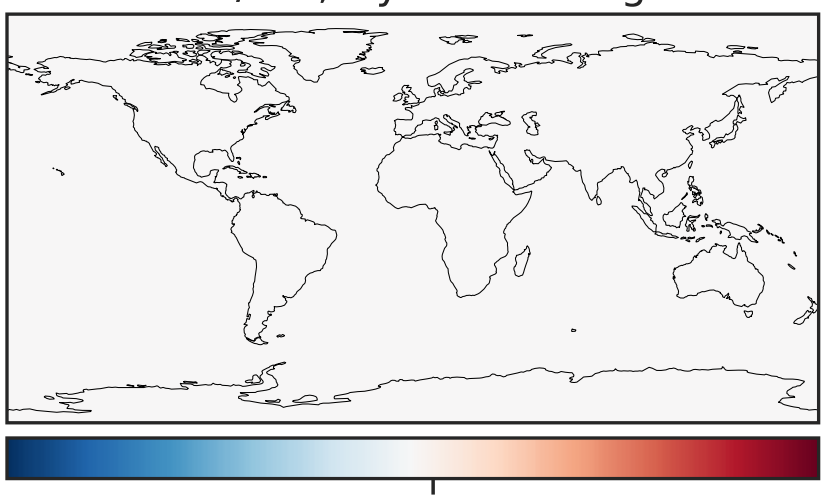
Zero throughout domain
µg/m3

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



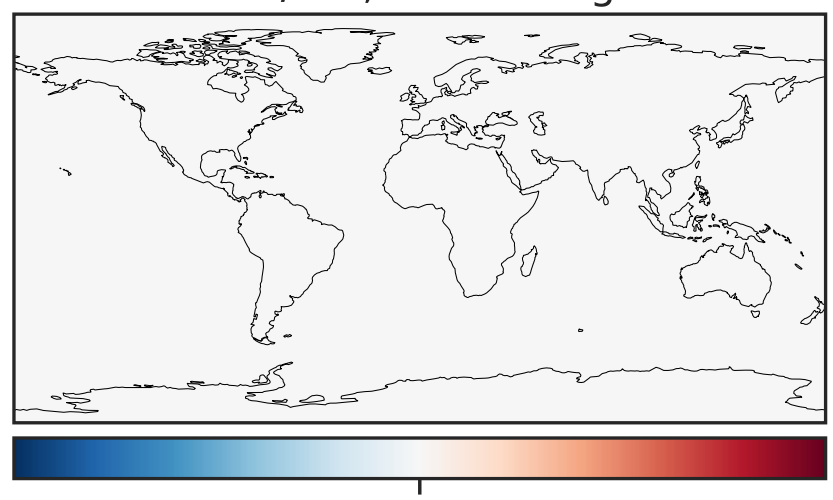
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

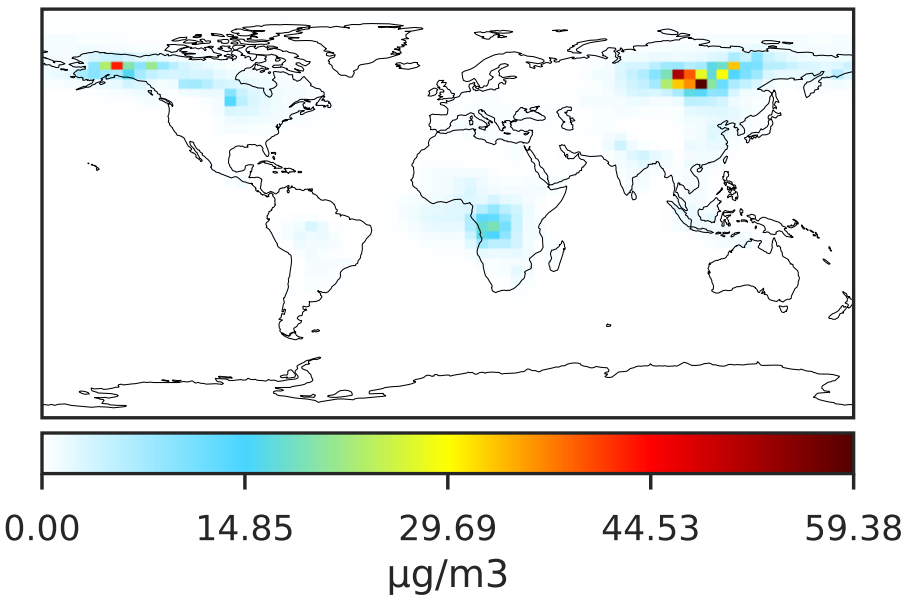
Ratio
Dev/Ref, Fixed Range



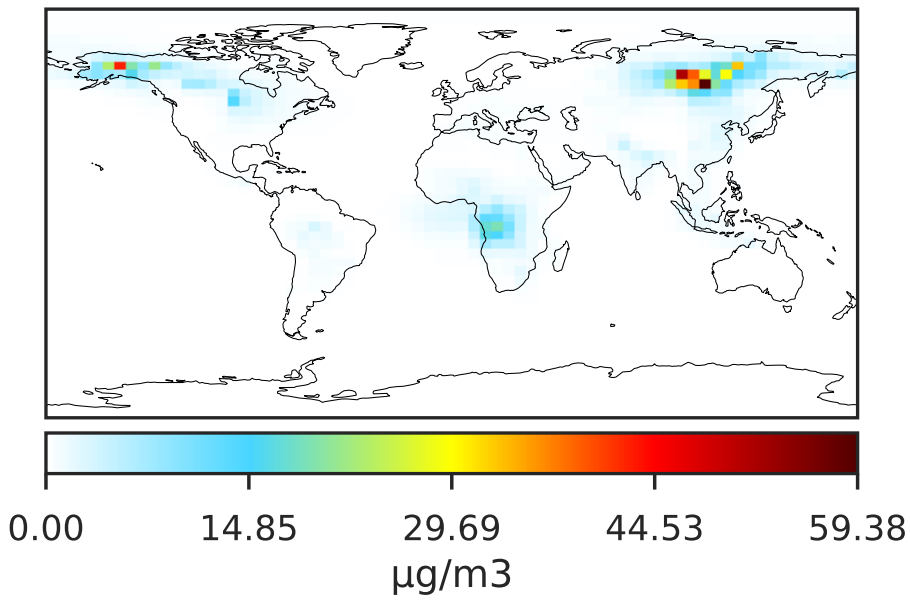
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_OCPI

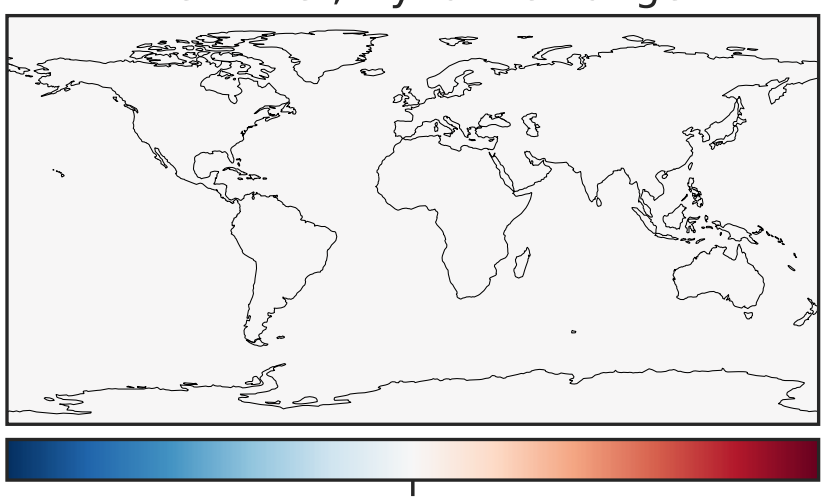
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



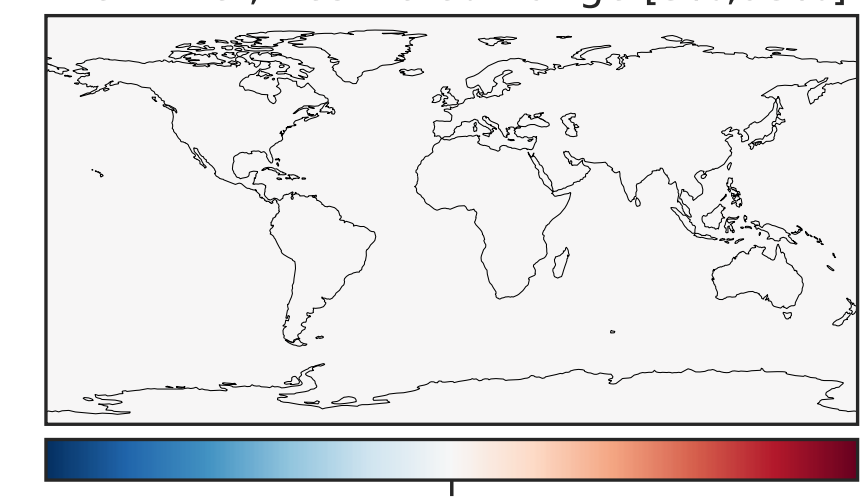
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



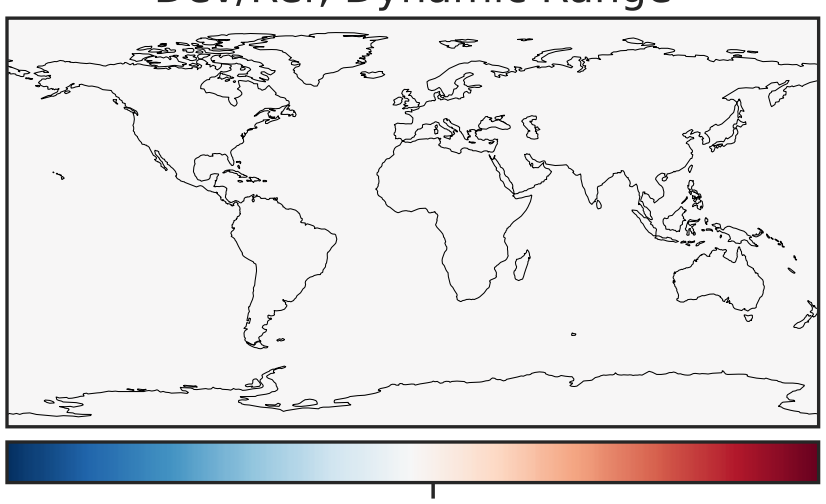
Difference
Dev - Ref, Dynamic Range



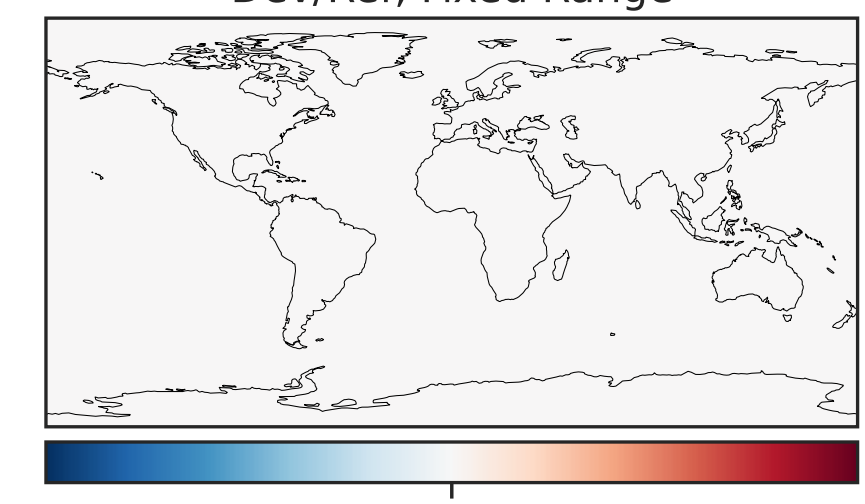
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

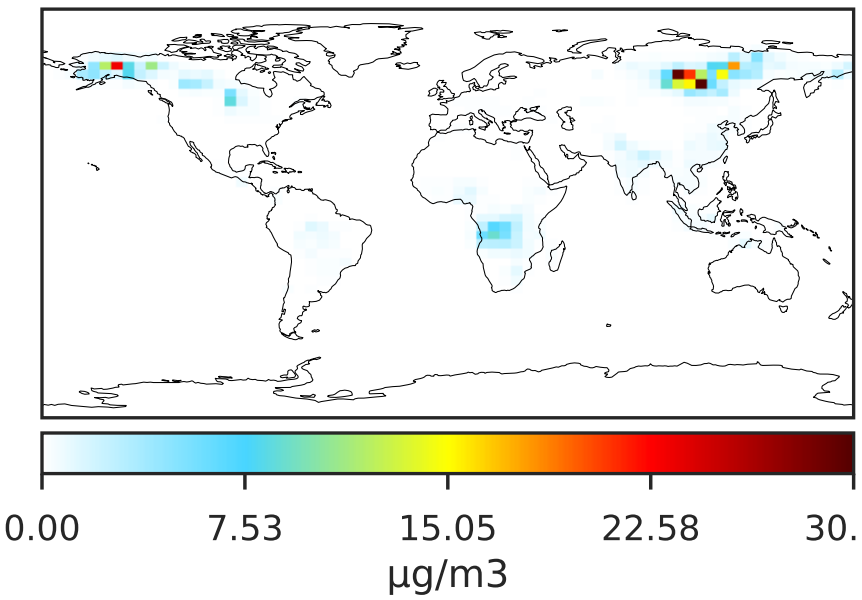


Ratio
Dev/Ref, Fixed Range

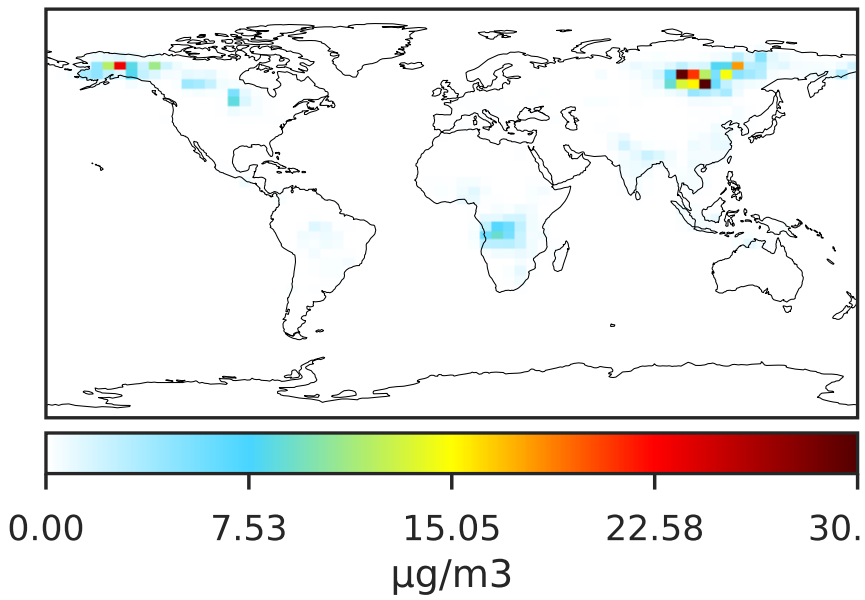


SpeciesConcVV_OCPO

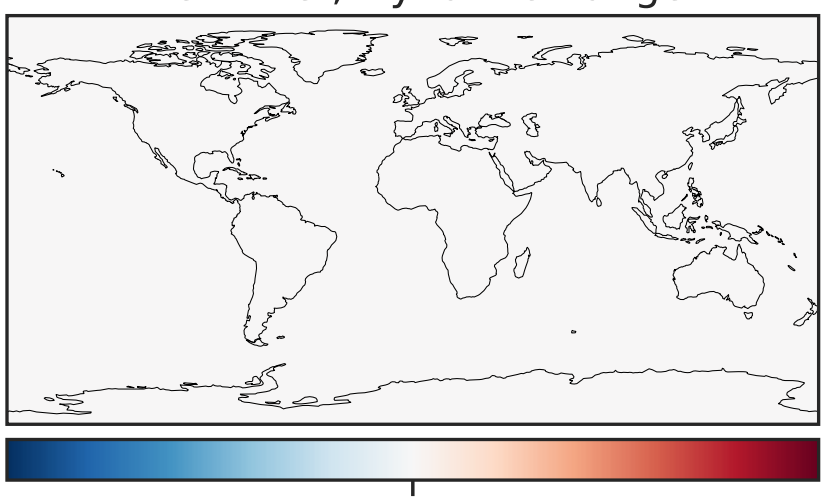
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



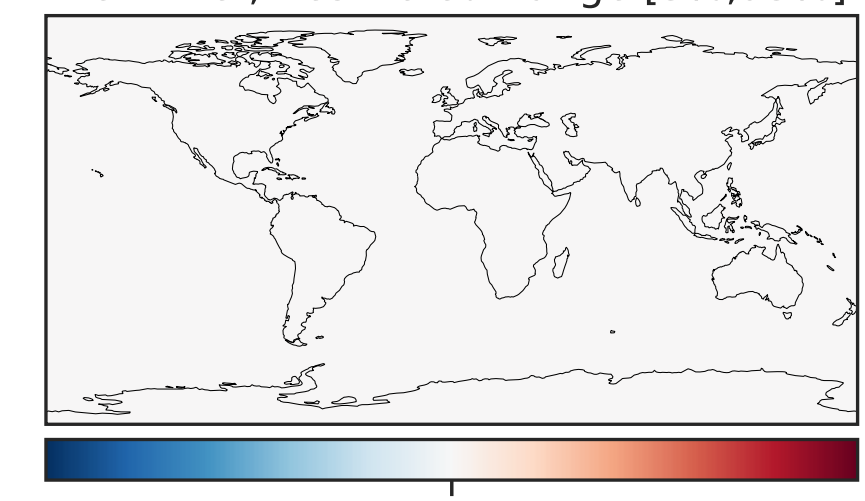
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



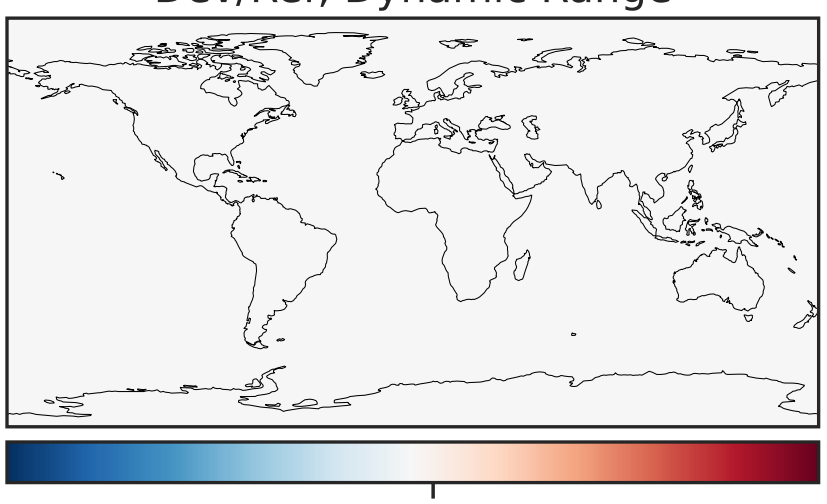
Difference
Dev - Ref, Dynamic Range



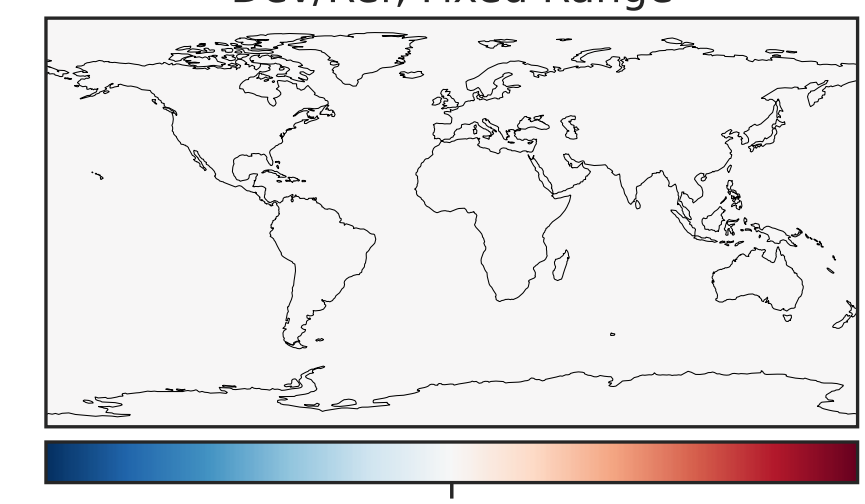
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

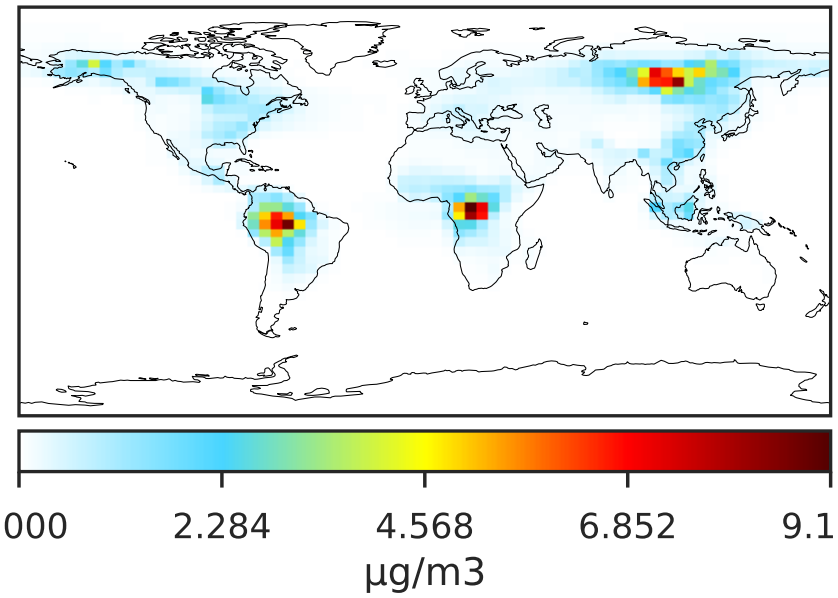


Ratio
Dev/Ref, Fixed Range

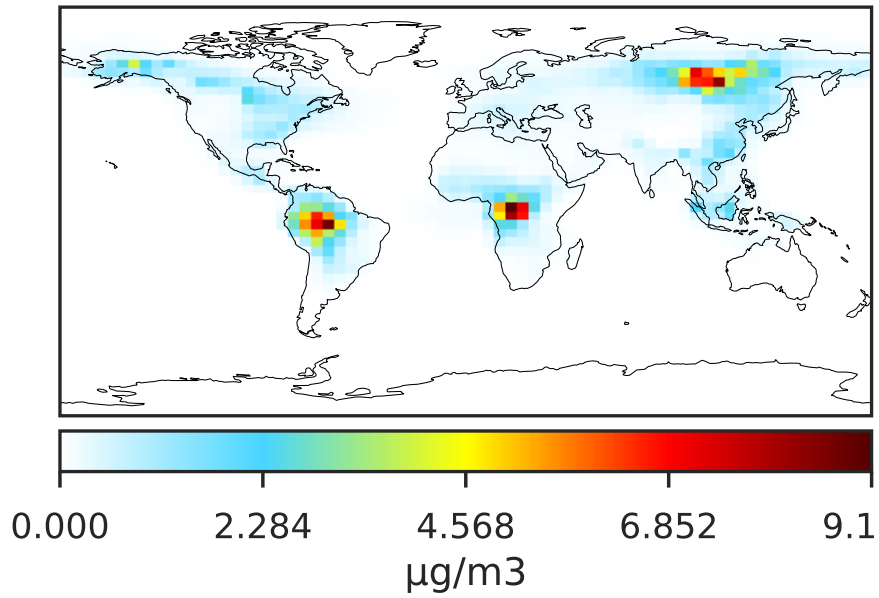


SpeciesConcVV_Complex_SOA

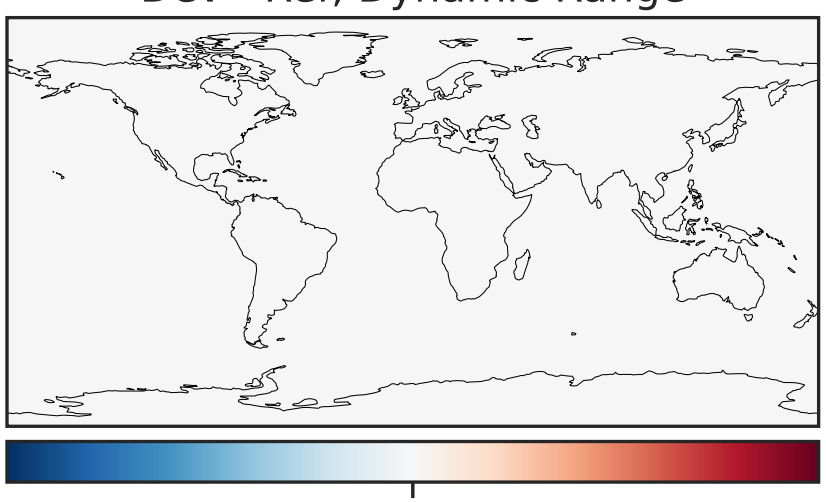
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



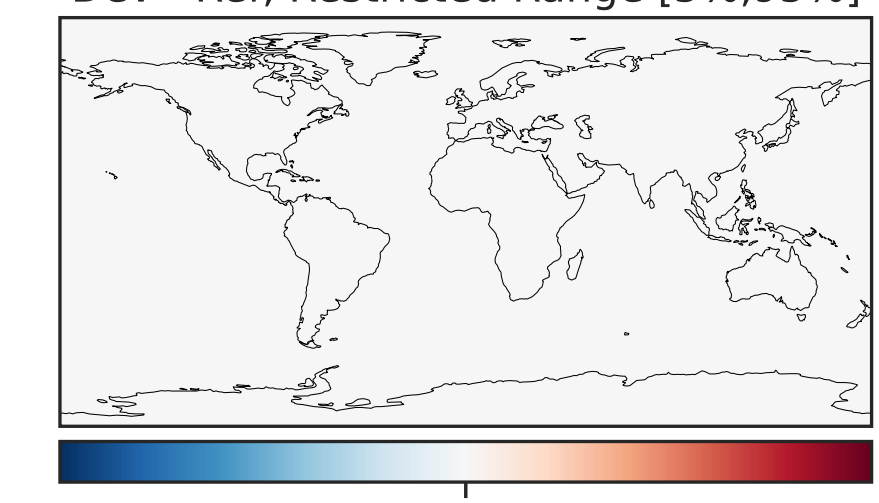
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



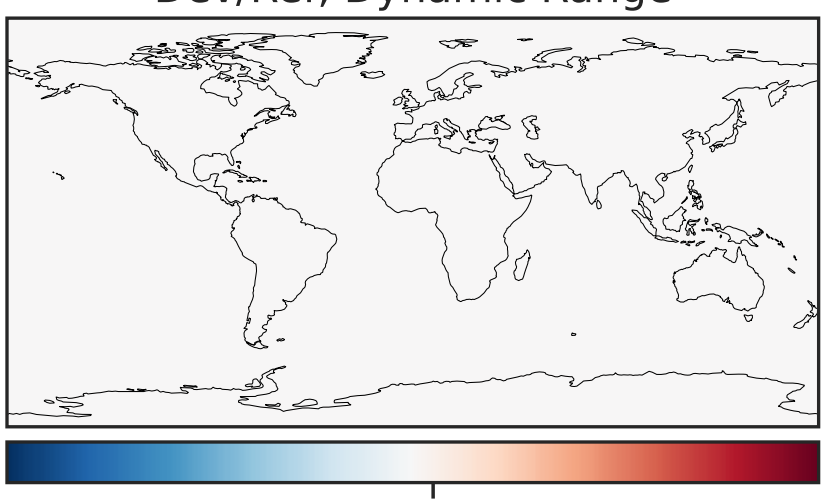
Difference
Dev - Ref, Dynamic Range



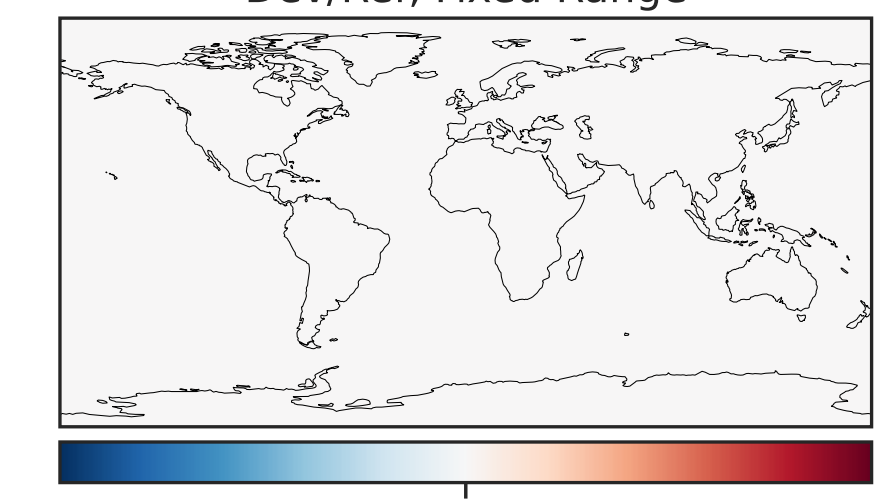
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

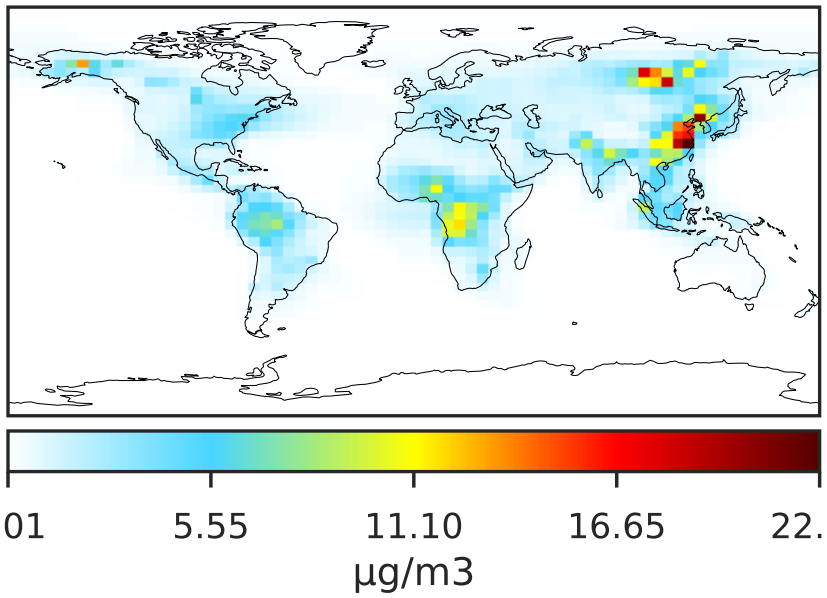


Ratio
Dev/Ref, Fixed Range

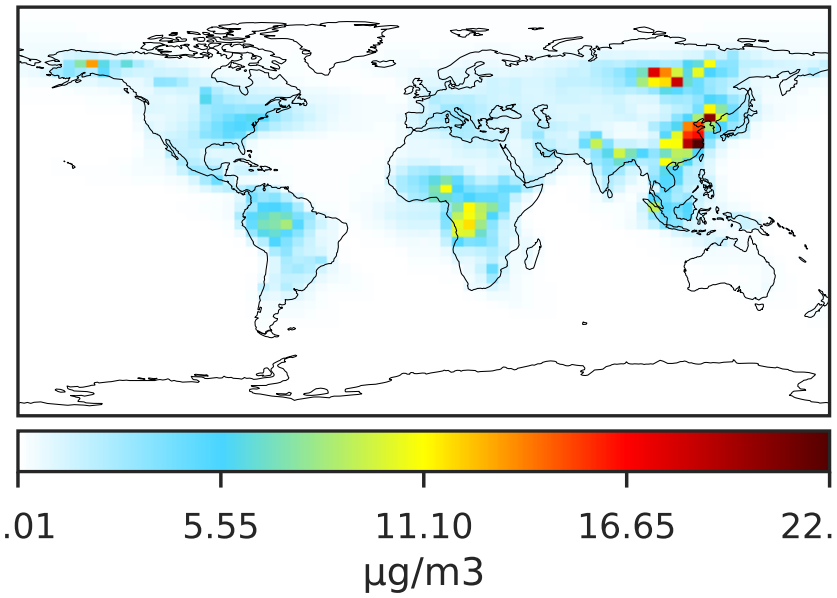


SpeciesConcVV_Simple_SOA

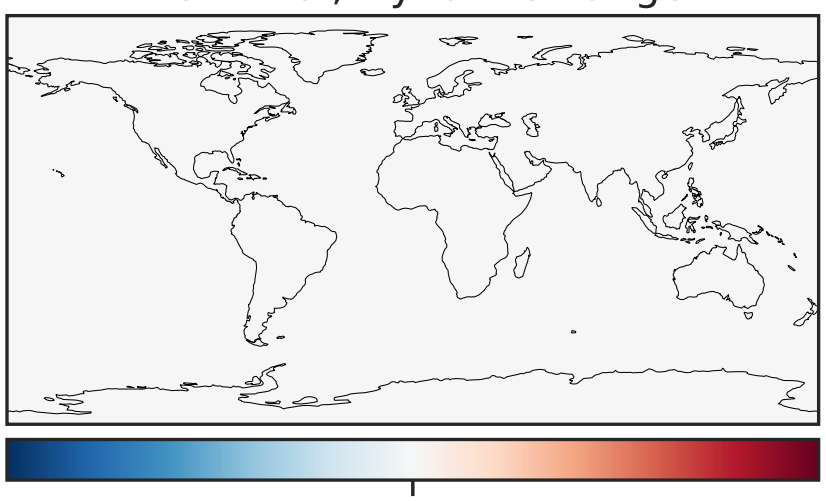
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



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

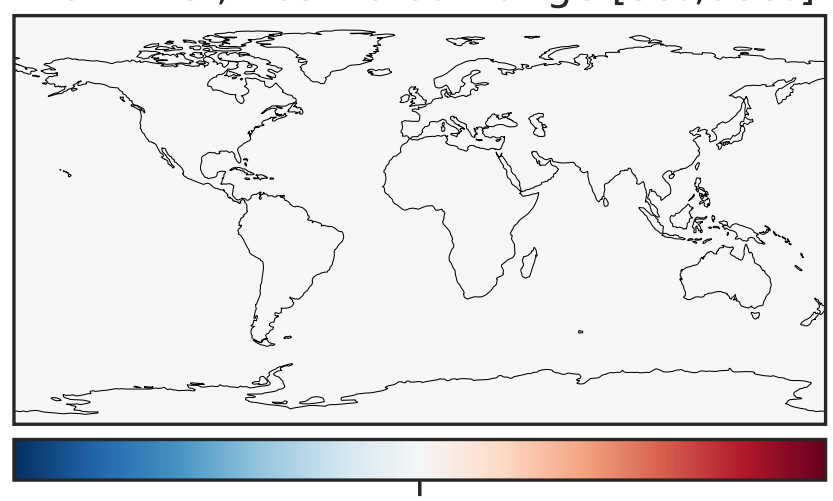


Difference
Dev - Ref, Dynamic Range



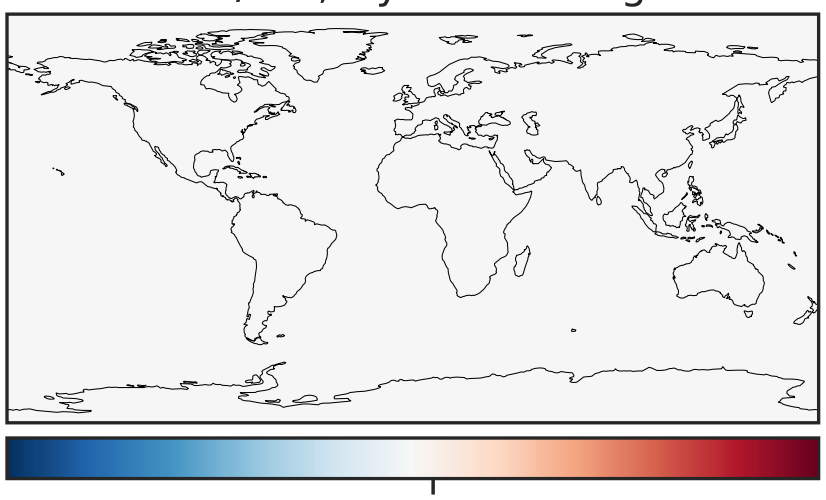
µg/m3

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



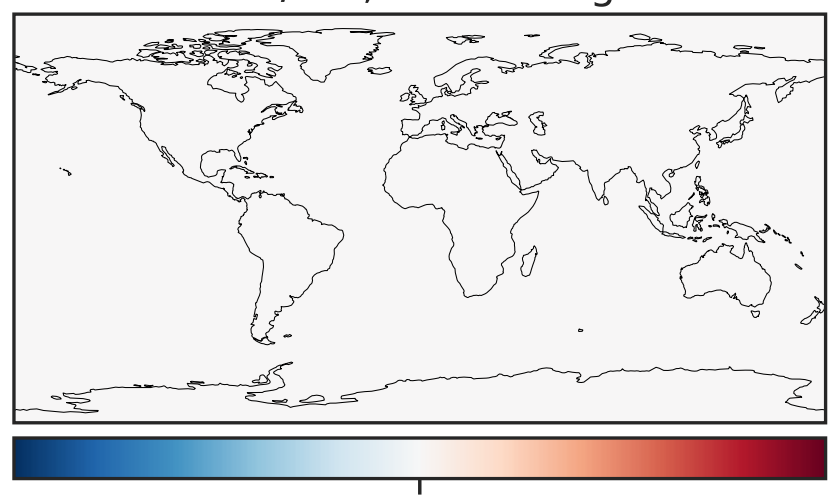
µg/m3

Ratio
Dev/Ref, Dynamic Range



unitless

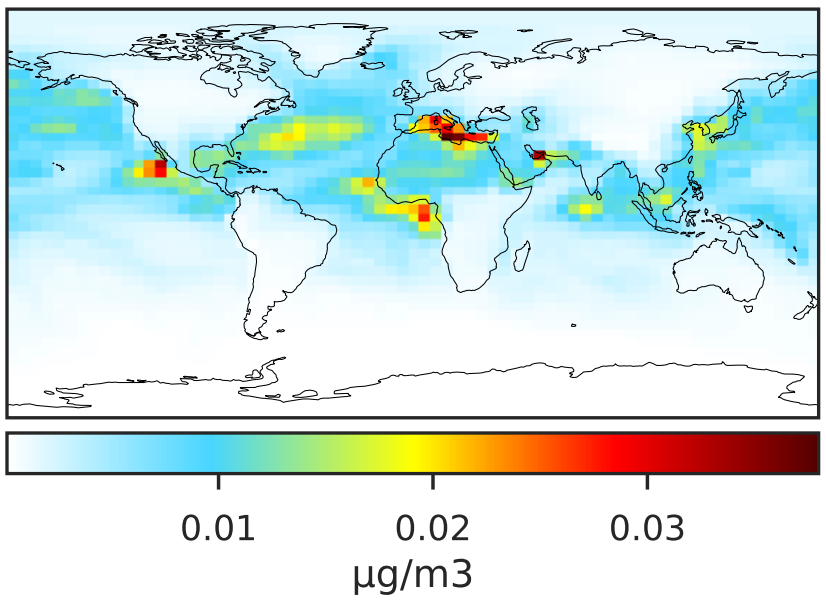
Ratio
Dev/Ref, Fixed Range



unitless

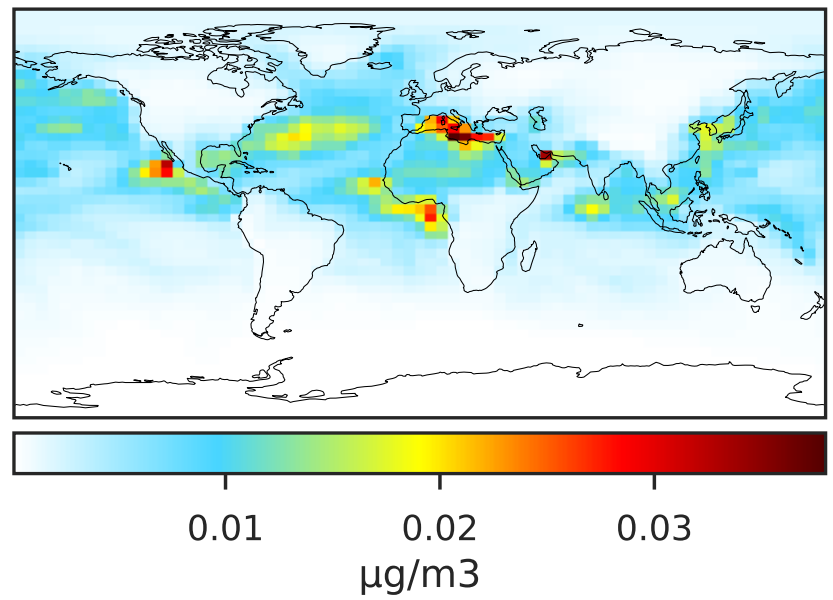
SpeciesConcVV_AERI

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



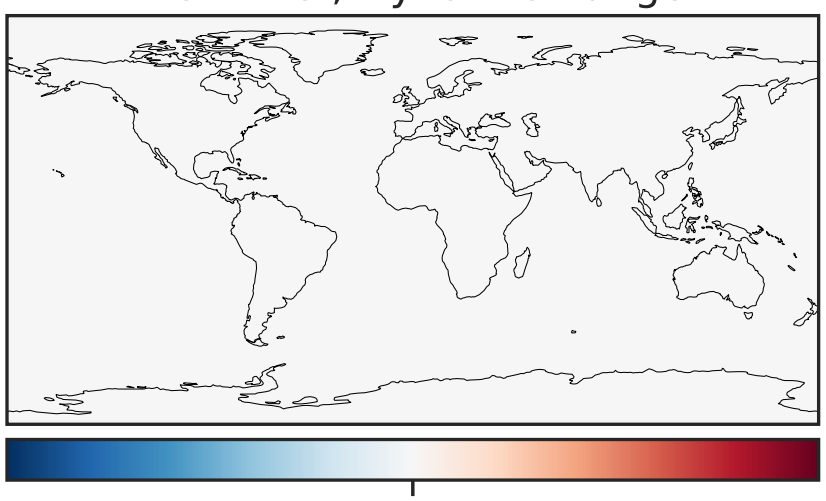
µg/m3

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



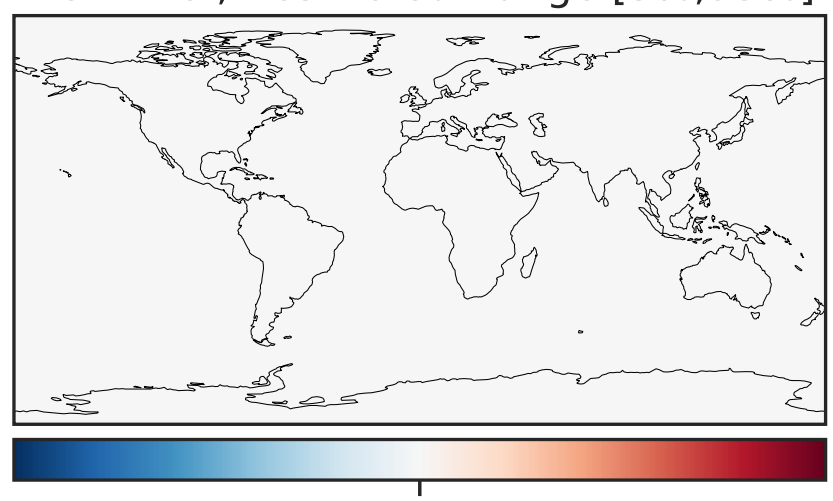
µg/m3

Difference
Dev - Ref, Dynamic Range



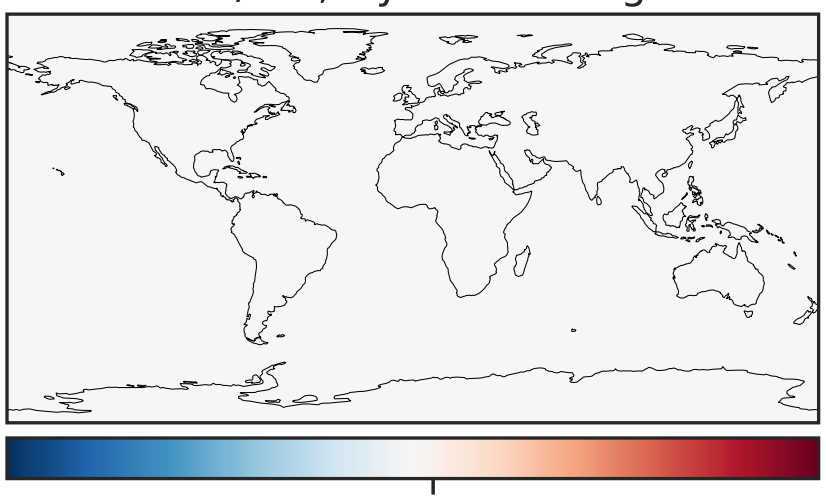
Zero throughout domain
µg/m3

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



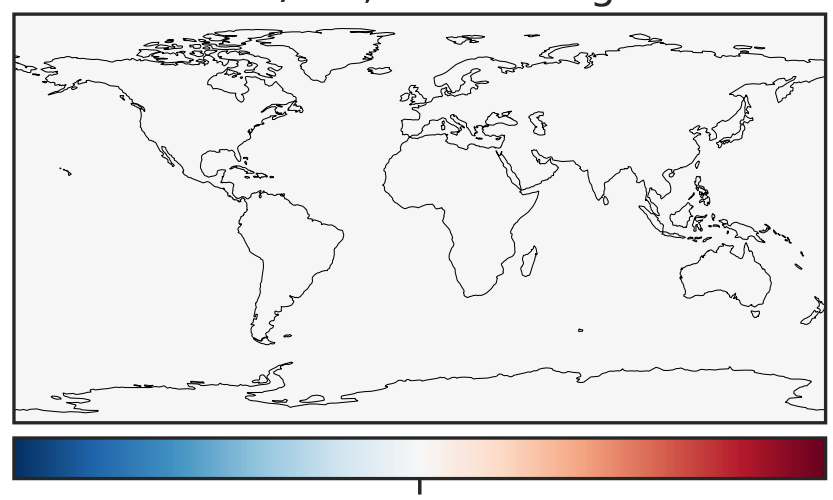
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

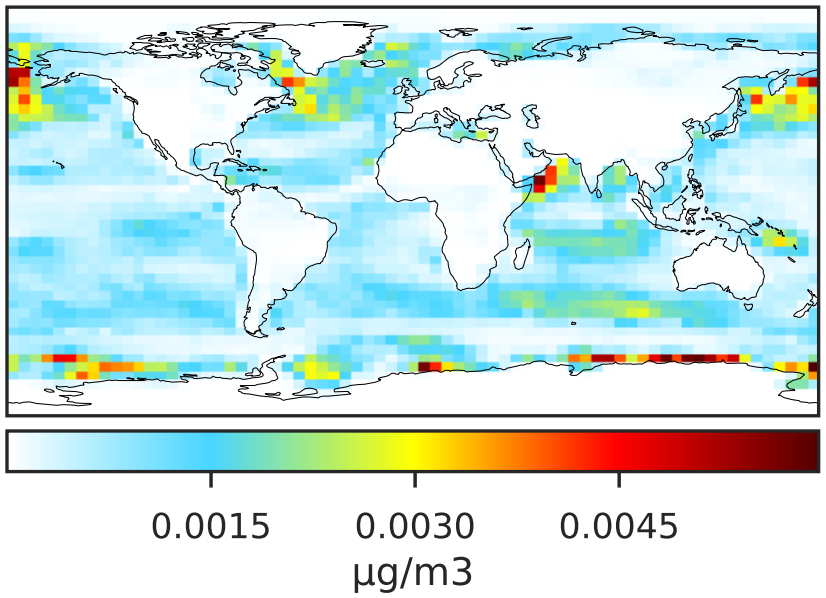
Ratio
Dev/Ref, Fixed Range



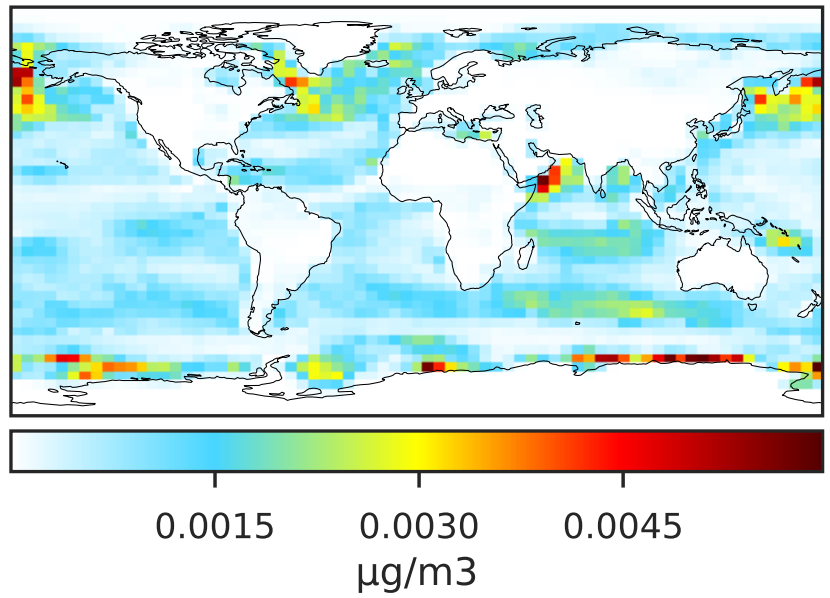
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_BrSALA

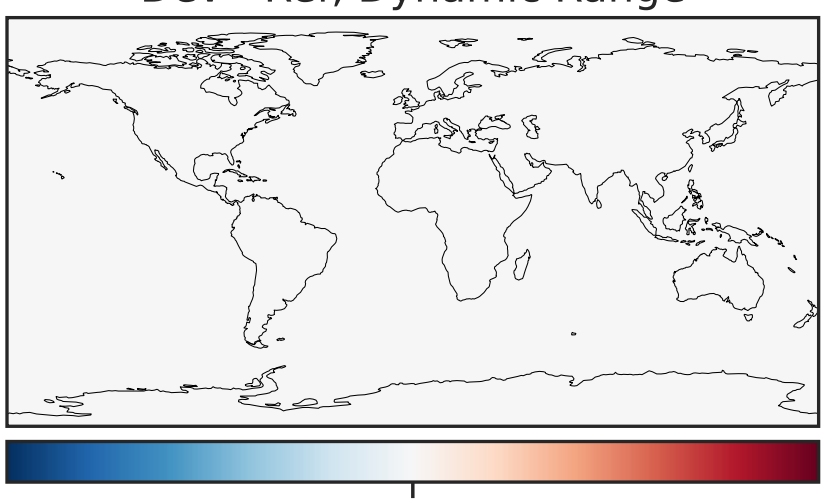
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



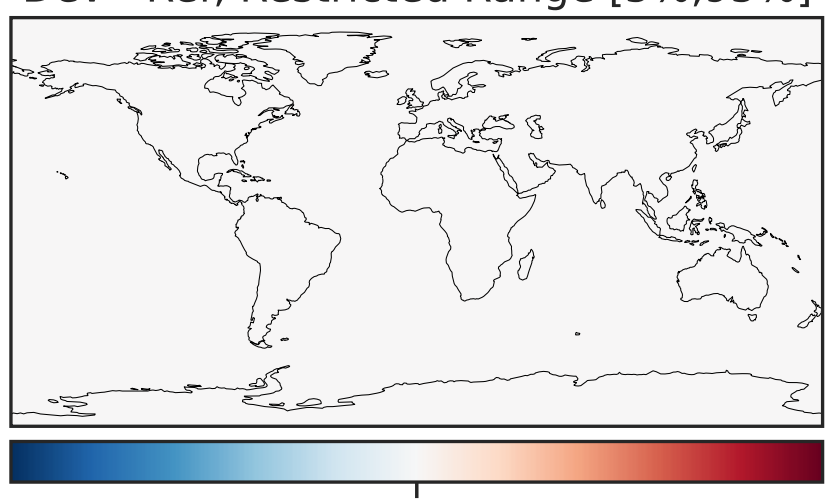
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



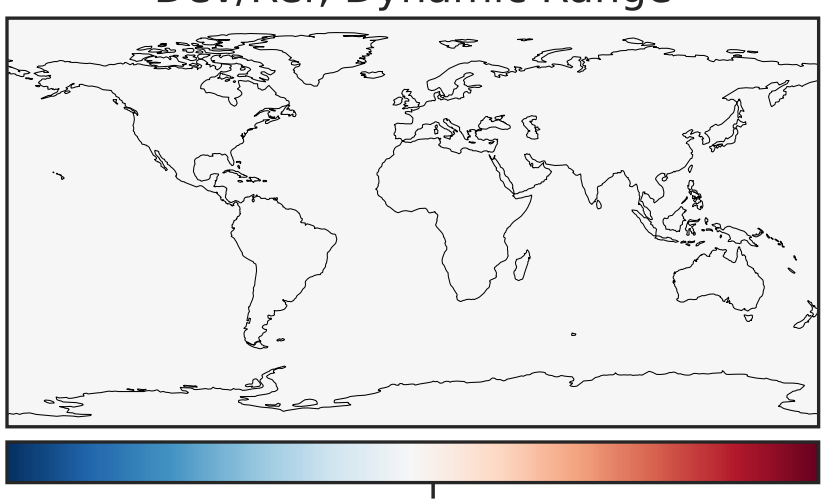
Difference
Dev - Ref, Dynamic Range



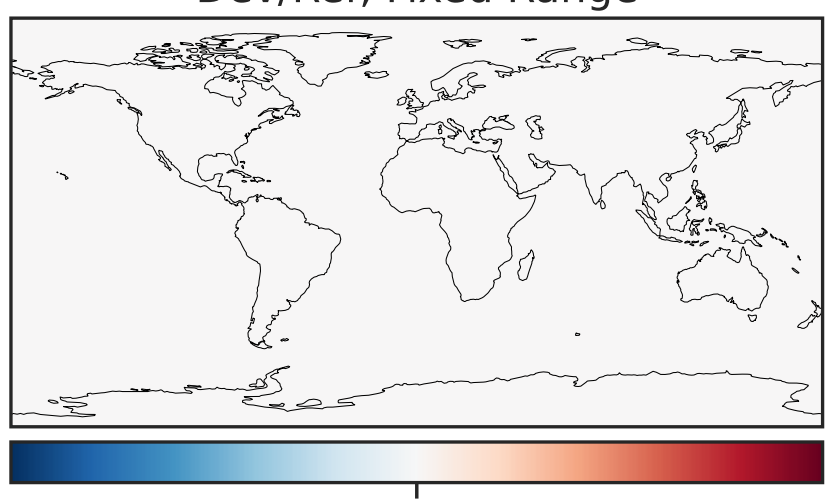
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

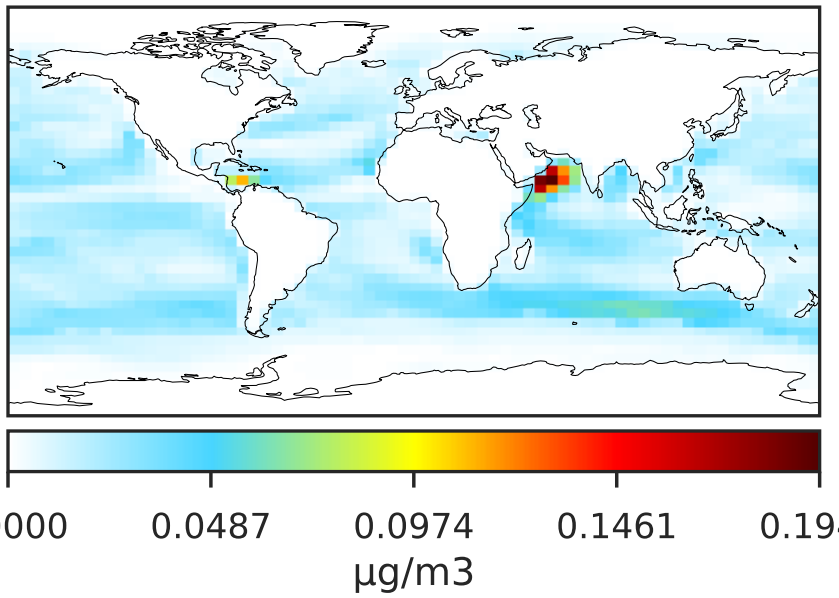


Ratio
Dev/Ref, Fixed Range



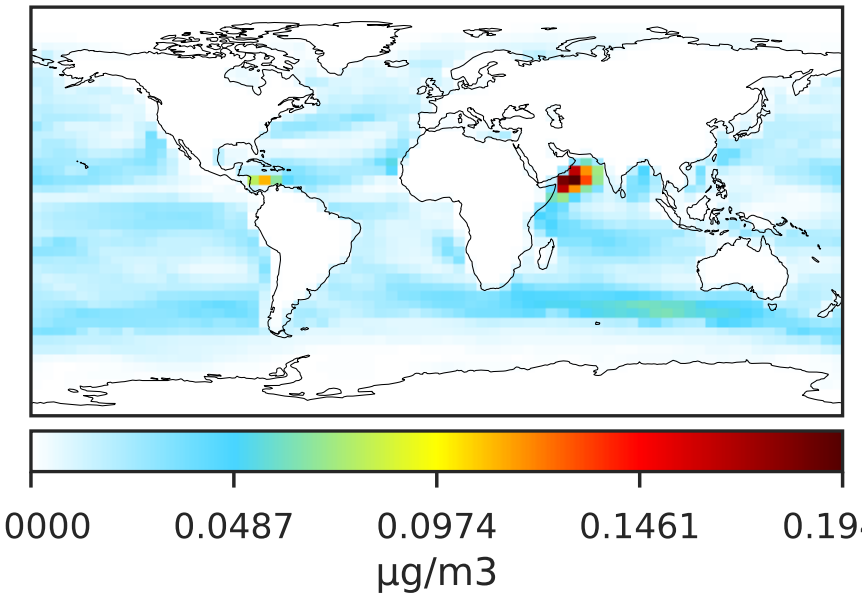
SpeciesConcVV_BrSALC

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



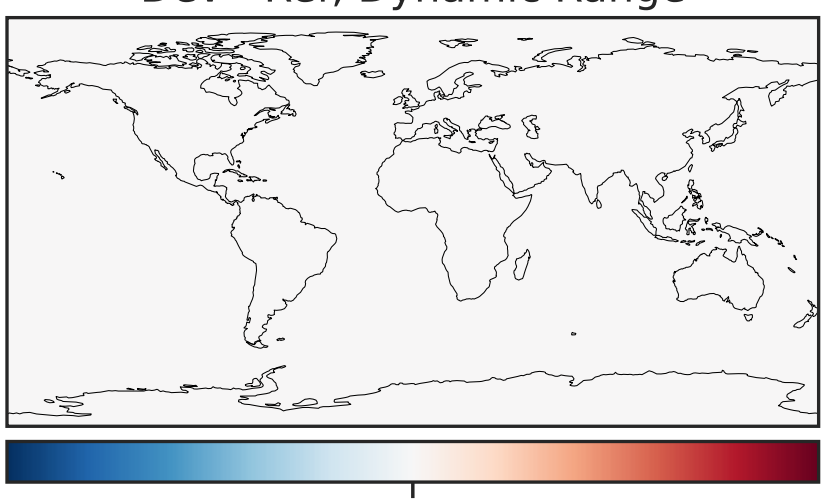
0.0000 0.0487 0.0974 0.1461 0.1949
µg/m3

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



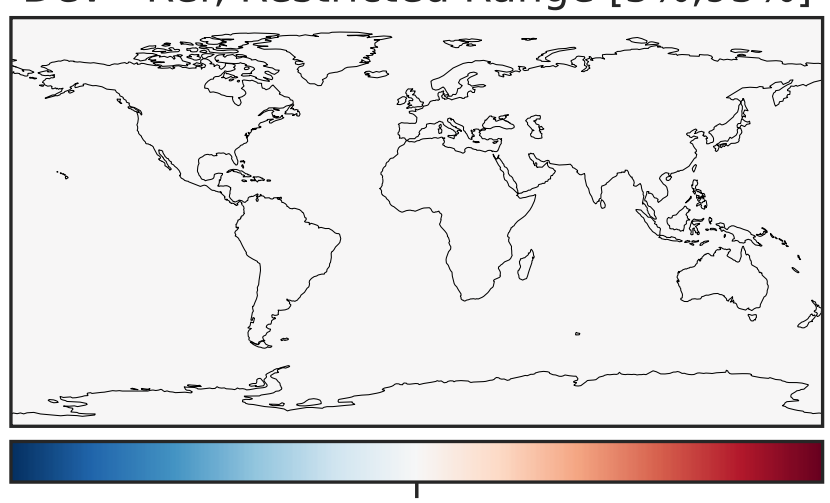
0.0000 0.0487 0.0974 0.1461 0.1949
µg/m3

Difference
Dev - Ref, Dynamic Range



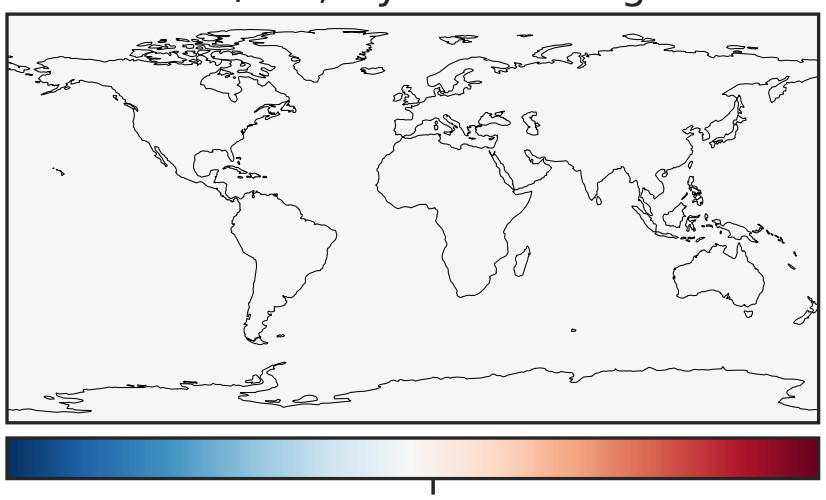
Zero throughout domain
µg/m3

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



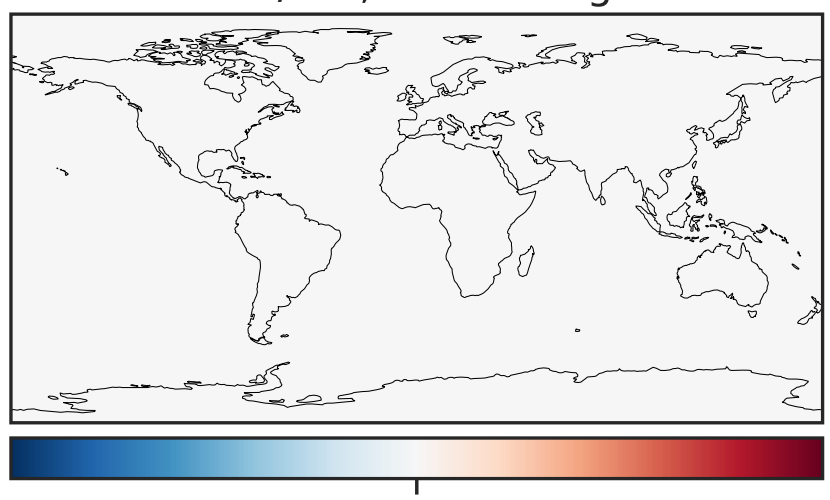
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

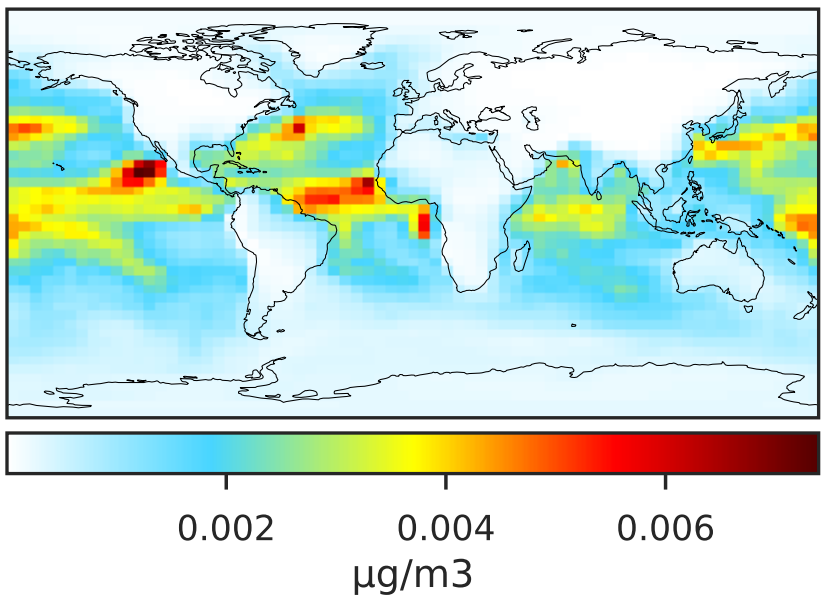
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

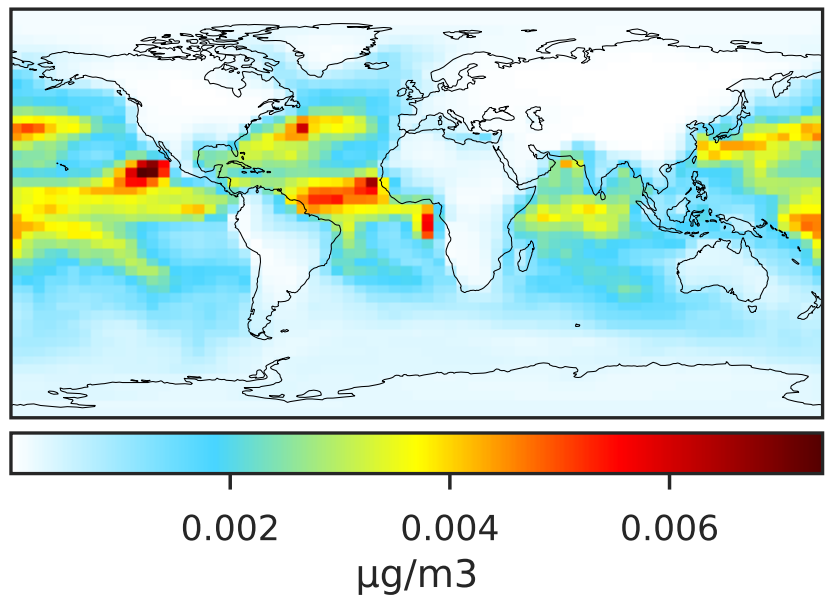
SpeciesConcVV_ISALA

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



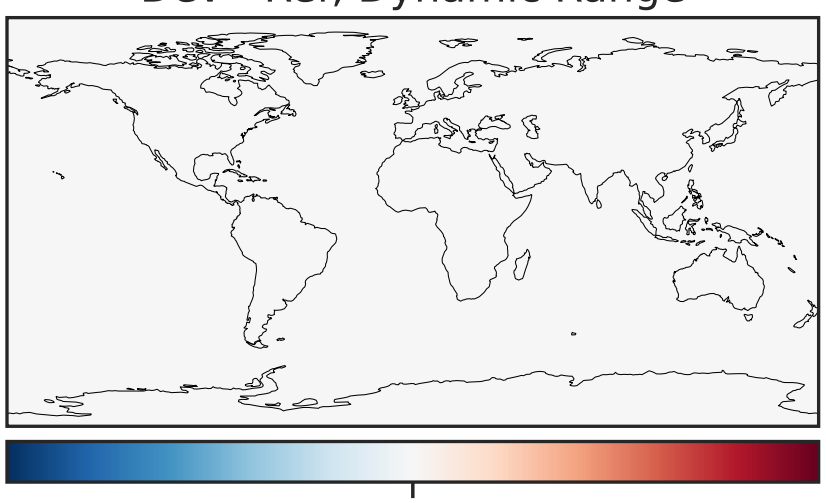
µg/m3

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



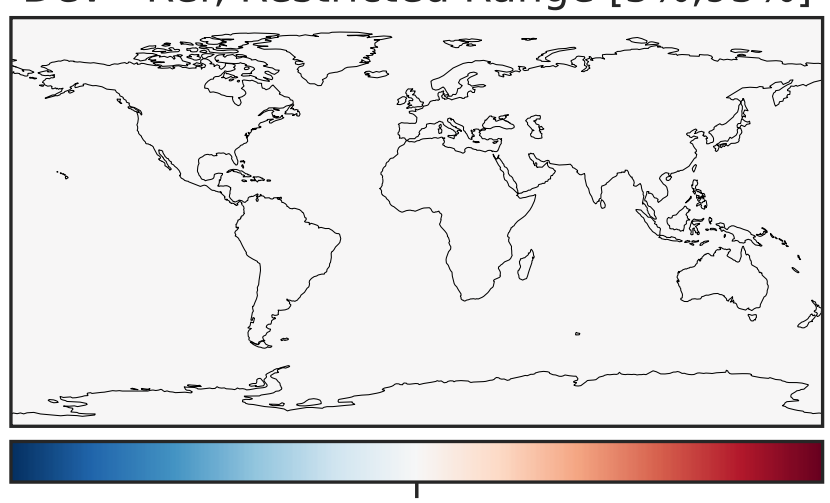
µg/m3

Difference
Dev - Ref, Dynamic Range



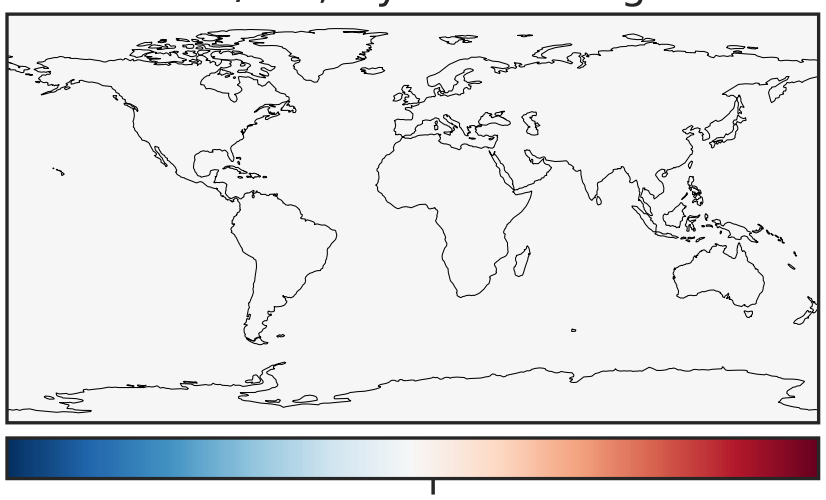
Zero throughout domain
µg/m3

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



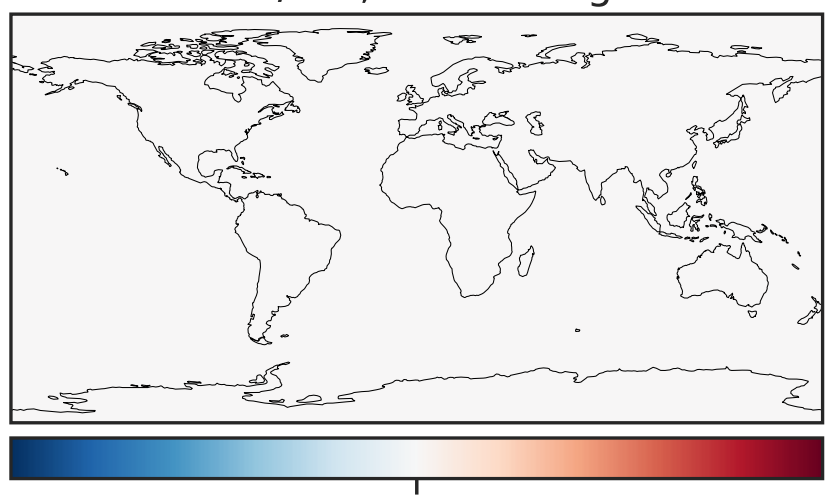
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

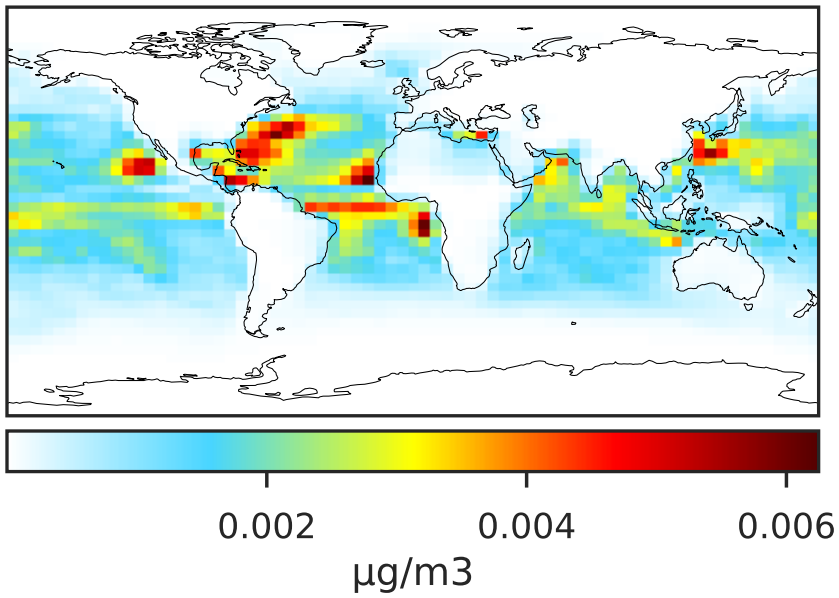
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

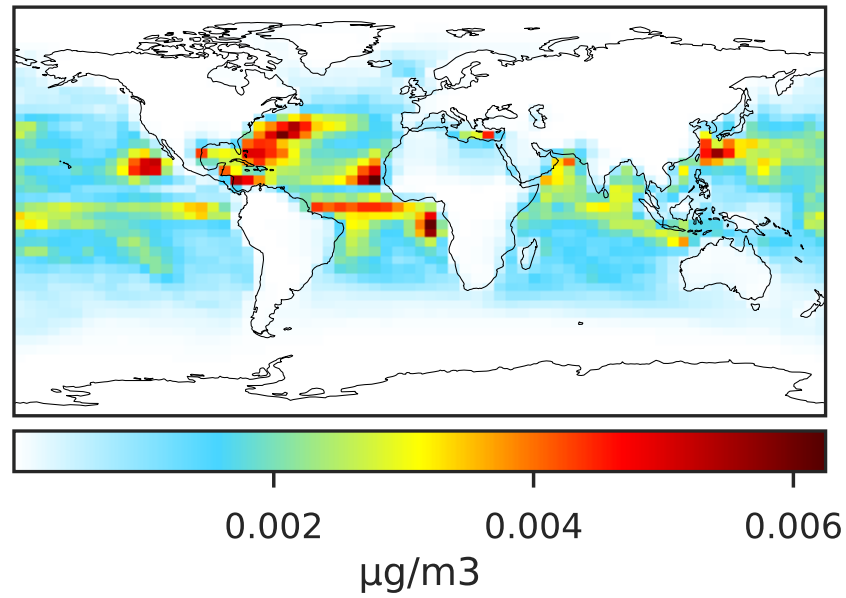
SpeciesConcVV_ISALC

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



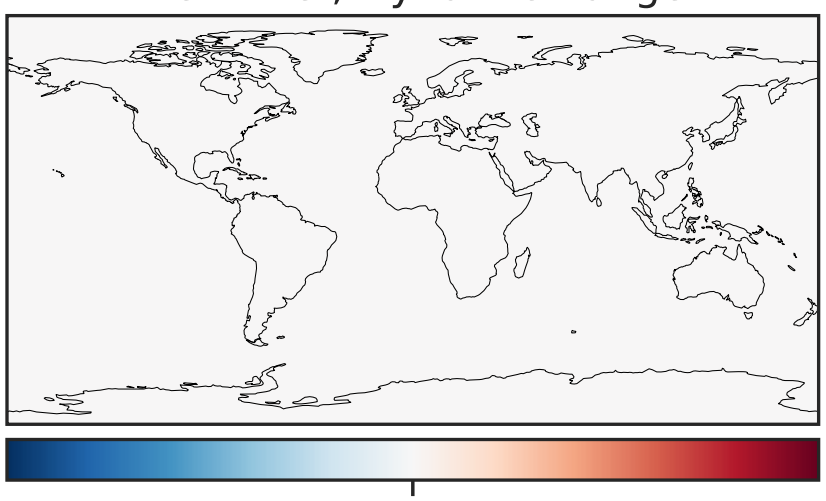
µg/m3

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



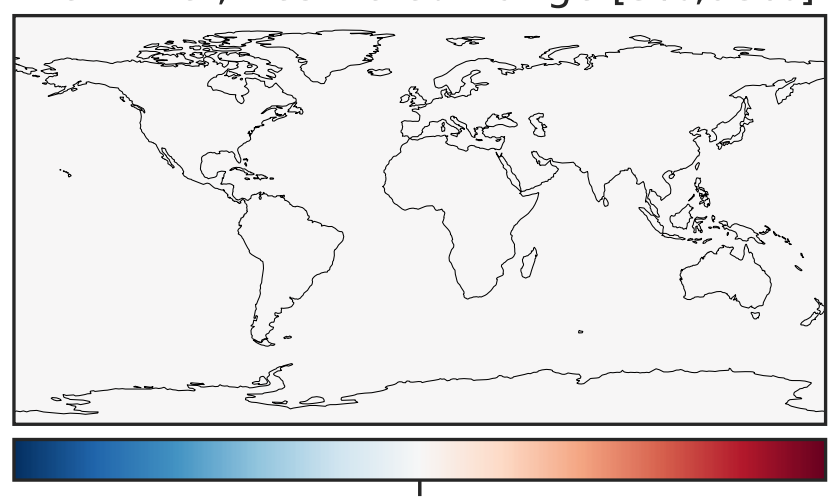
µg/m3

Difference
Dev - Ref, Dynamic Range



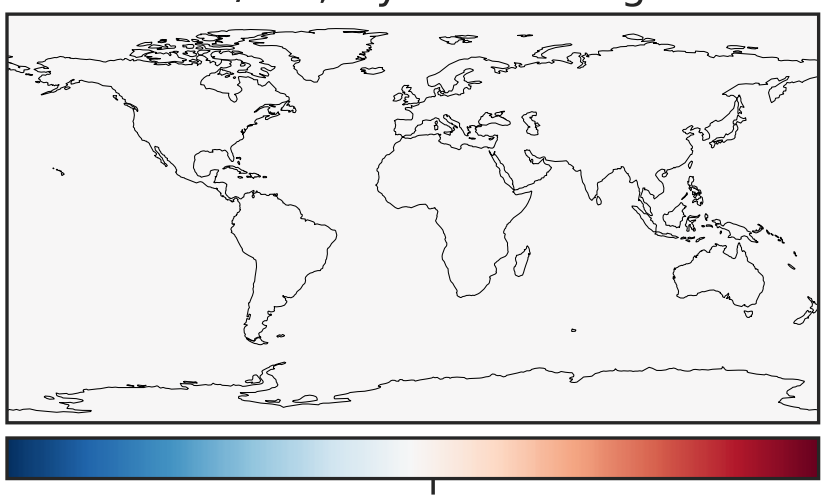
Zero throughout domain
µg/m3

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



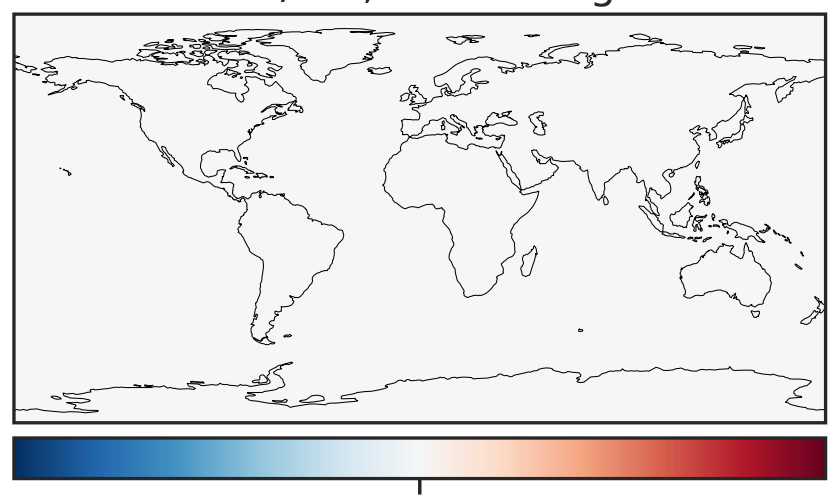
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

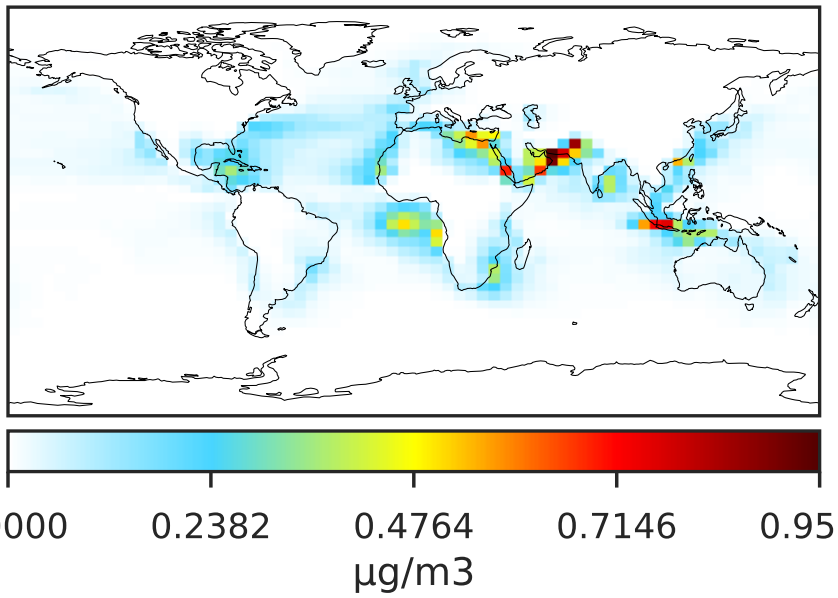
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

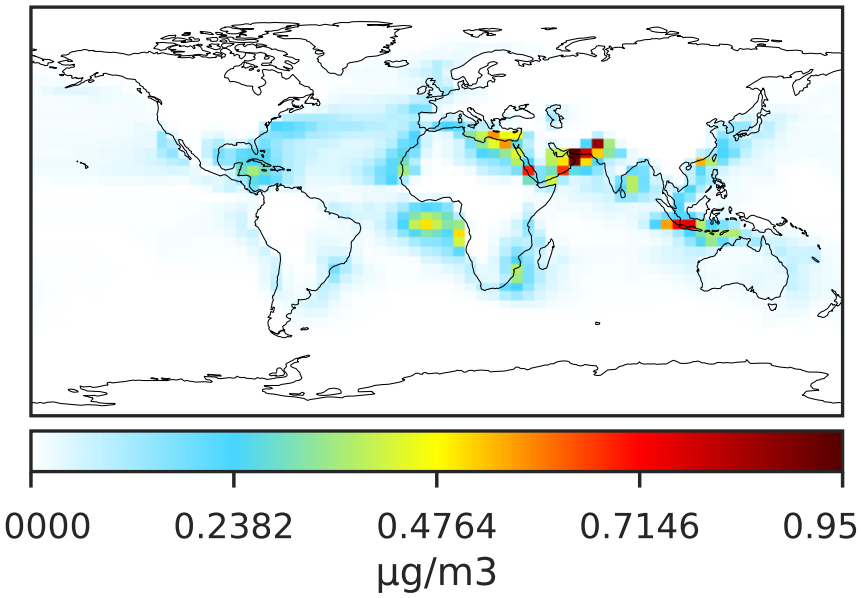
SpeciesConcVV_NITs

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



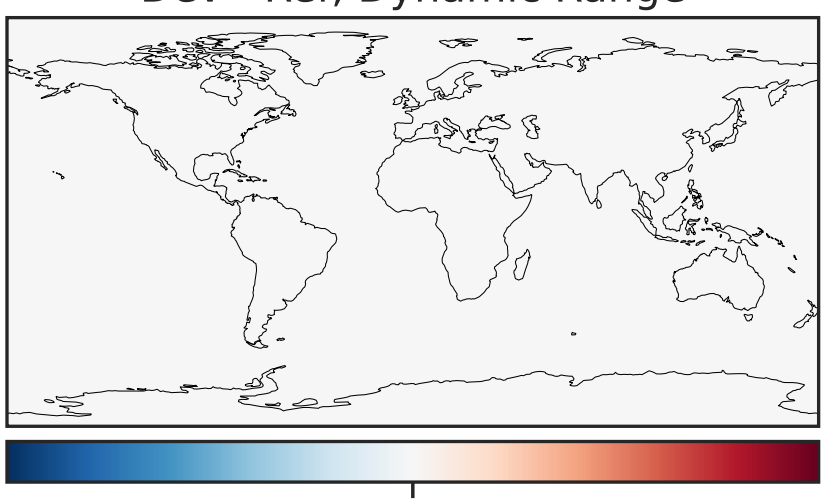
0.0000 0.2382 0.4764 0.7146 0.9528
µg/m3

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



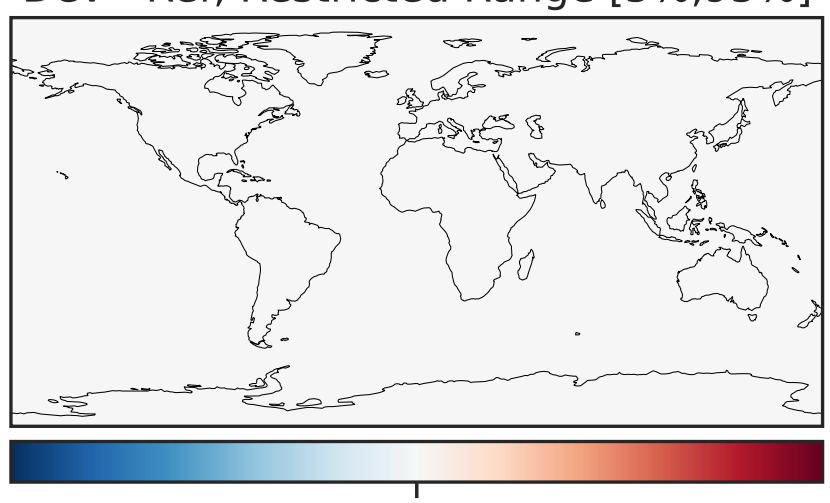
0.0000 0.2382 0.4764 0.7146 0.9528
µg/m3

Difference
Dev - Ref, Dynamic Range



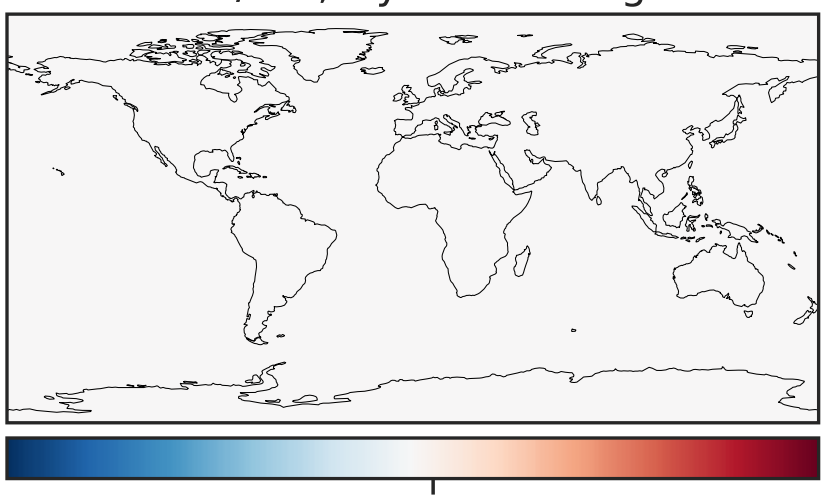
Zero throughout domain
µg/m3

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



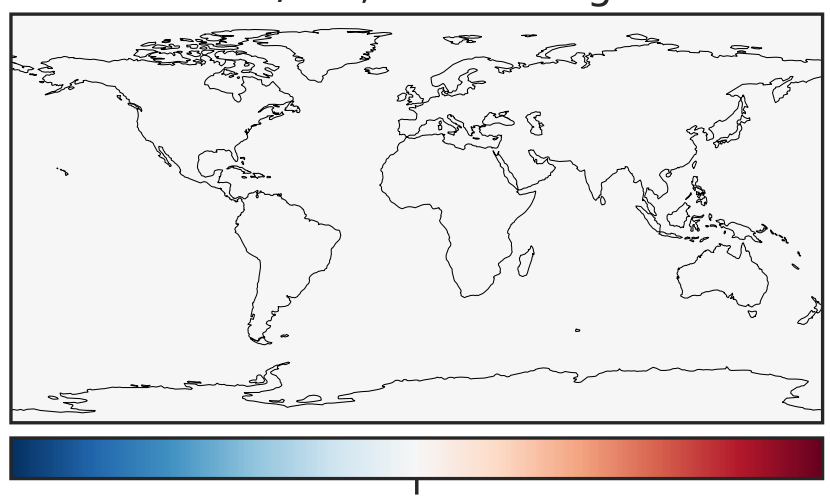
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

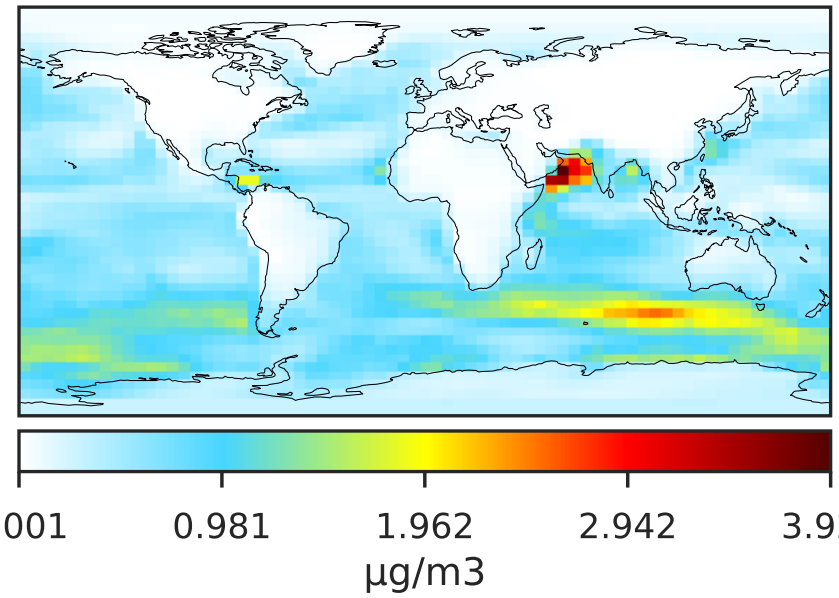
Ratio
Dev/Ref, Fixed Range



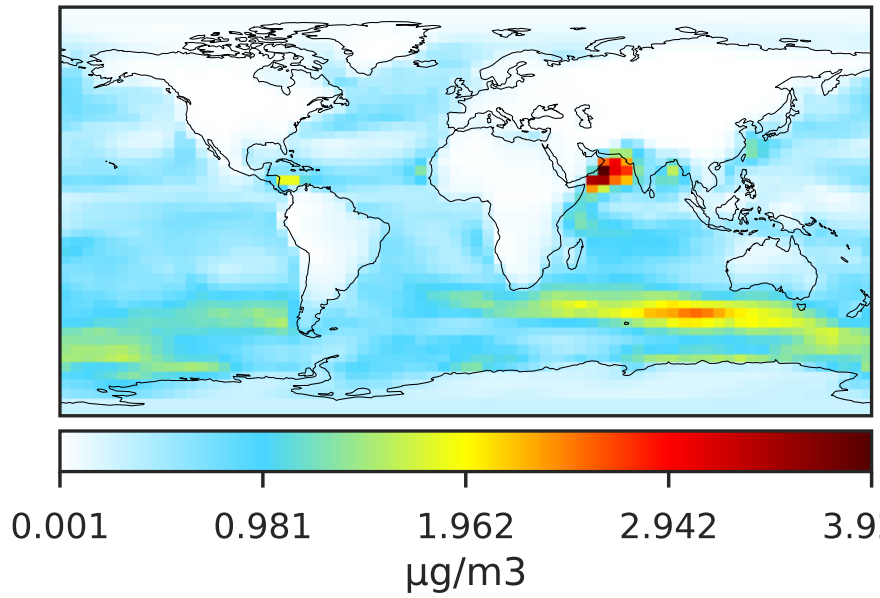
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_SALA

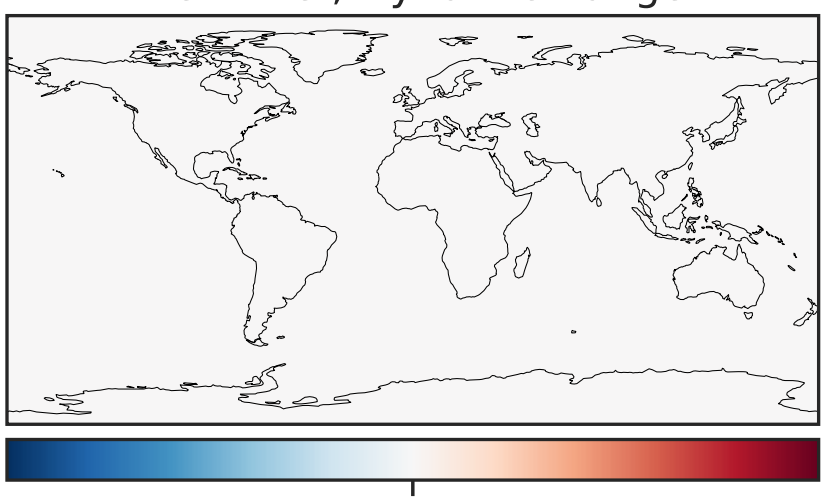
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



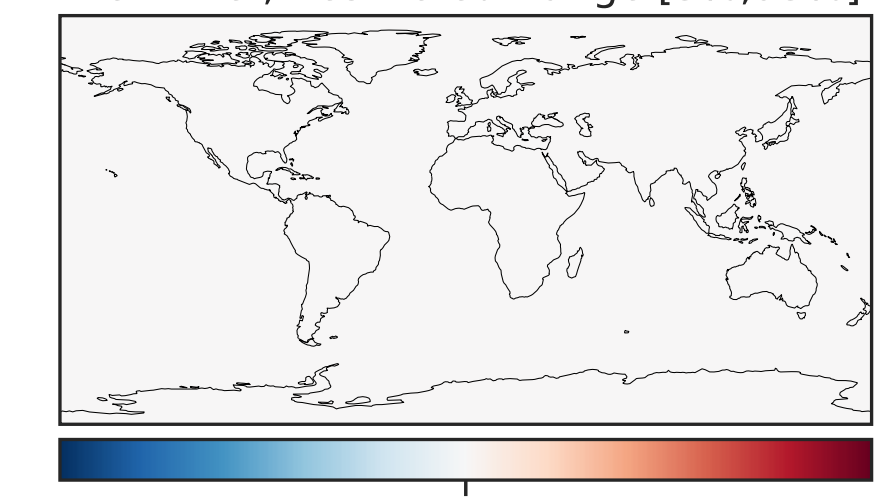
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



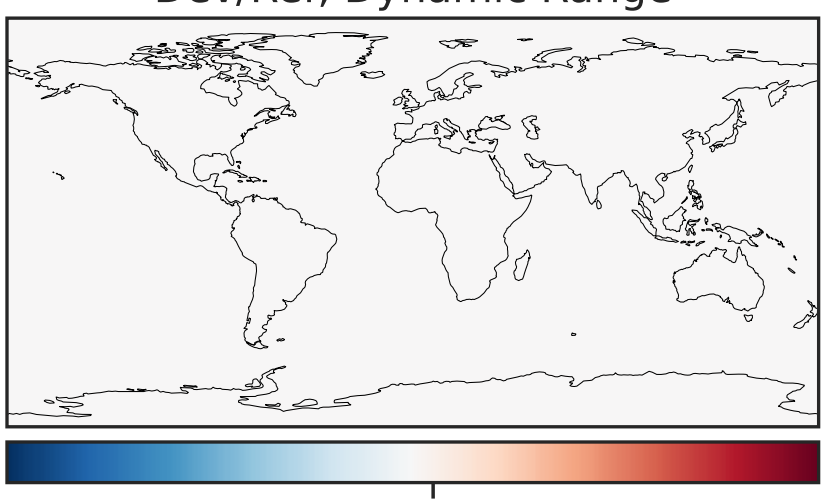
Difference
Dev - Ref, Dynamic Range



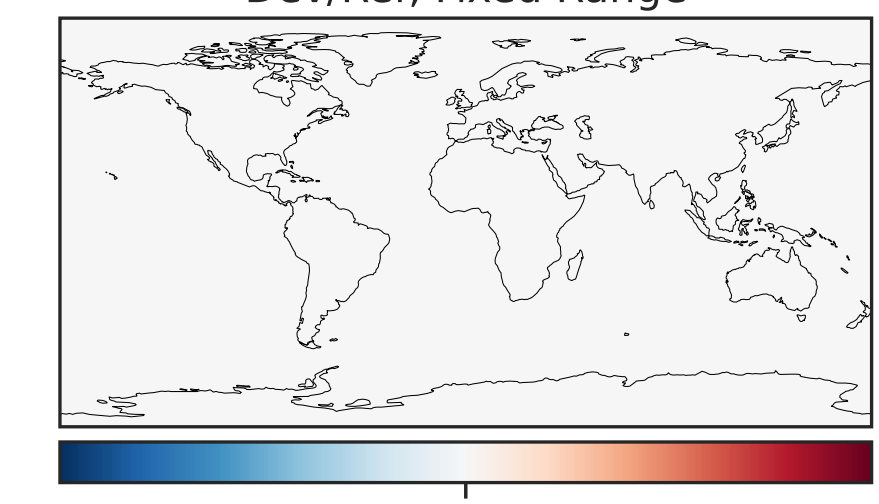
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

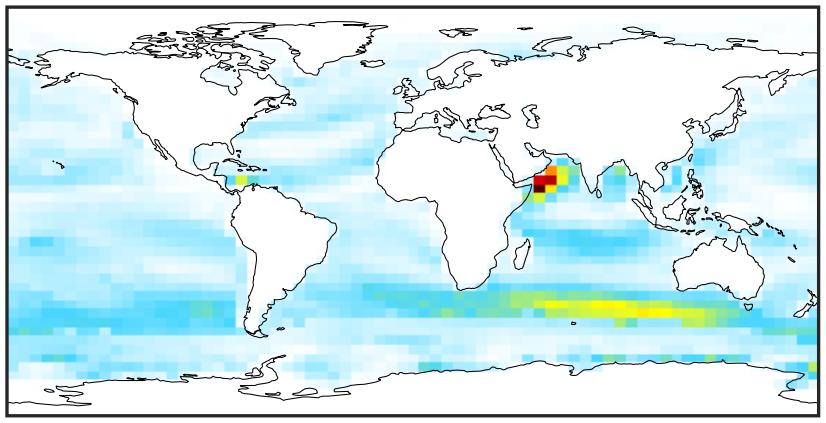


Ratio
Dev/Ref, Fixed Range



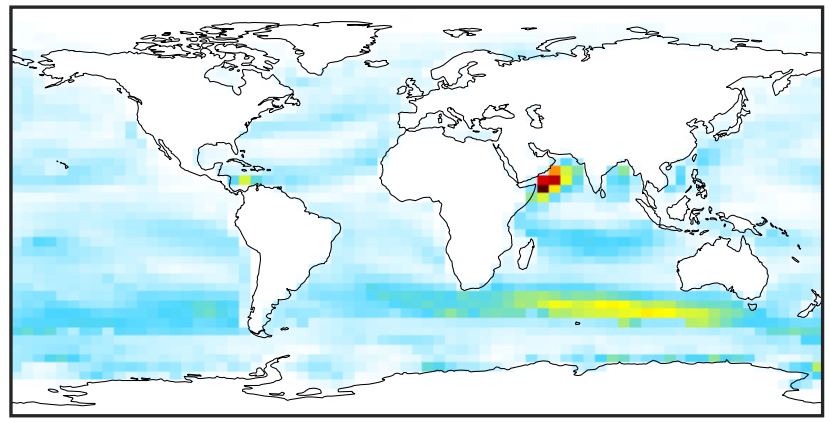
SpeciesConcVV_SALAAL

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



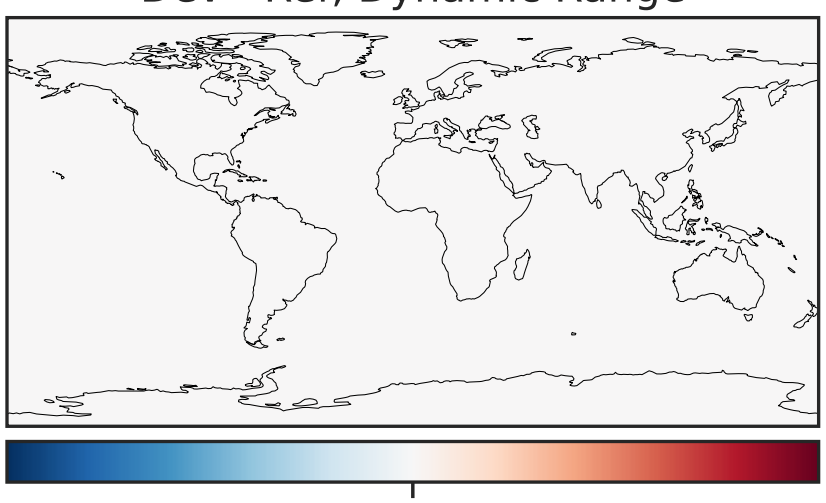
0.015 0.030 0.045
µg/m3

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



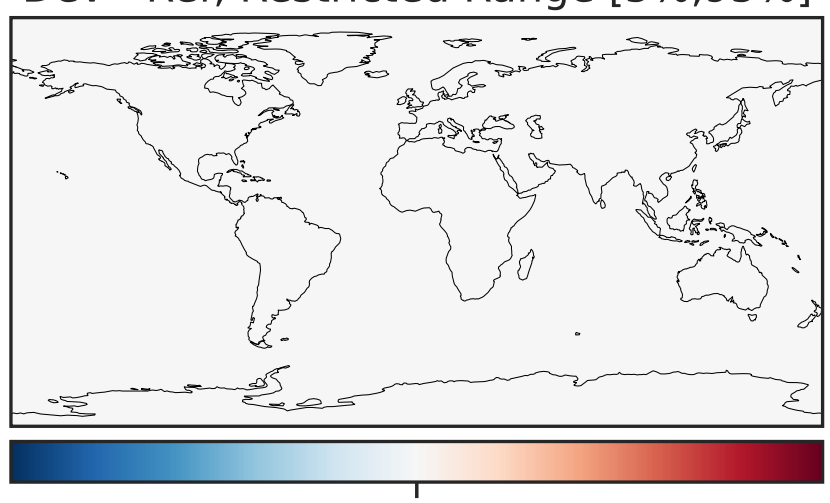
0.015 0.030 0.045
µg/m3

Difference
Dev - Ref, Dynamic Range



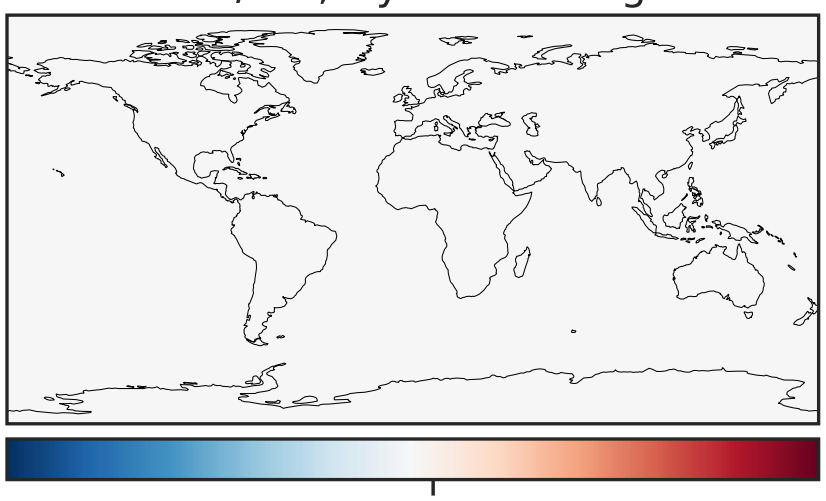
Zero throughout domain
µg/m3

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



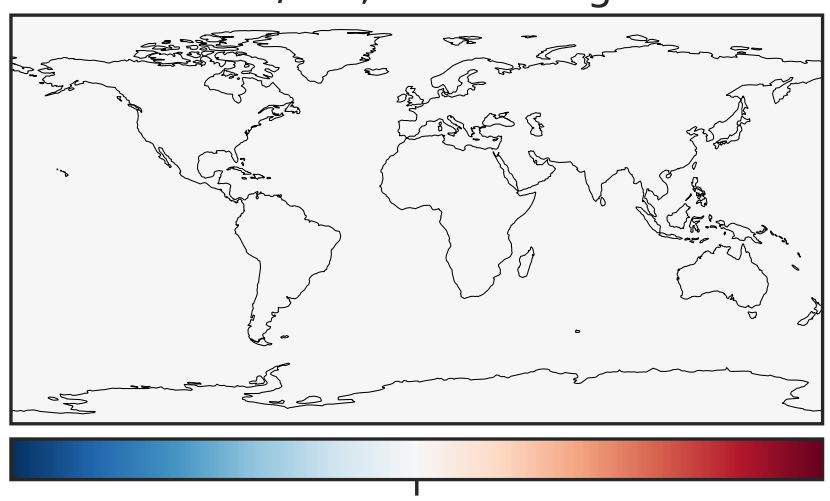
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

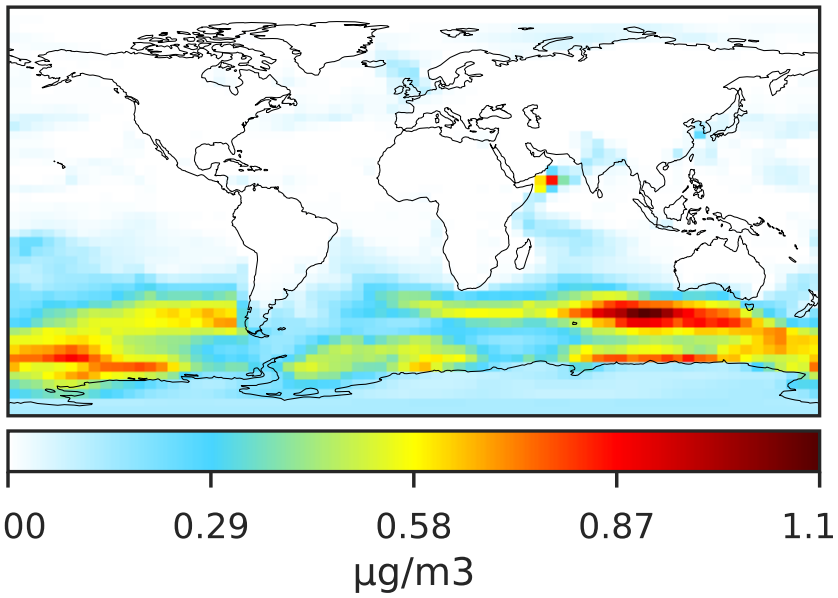
Ratio
Dev/Ref, Fixed Range



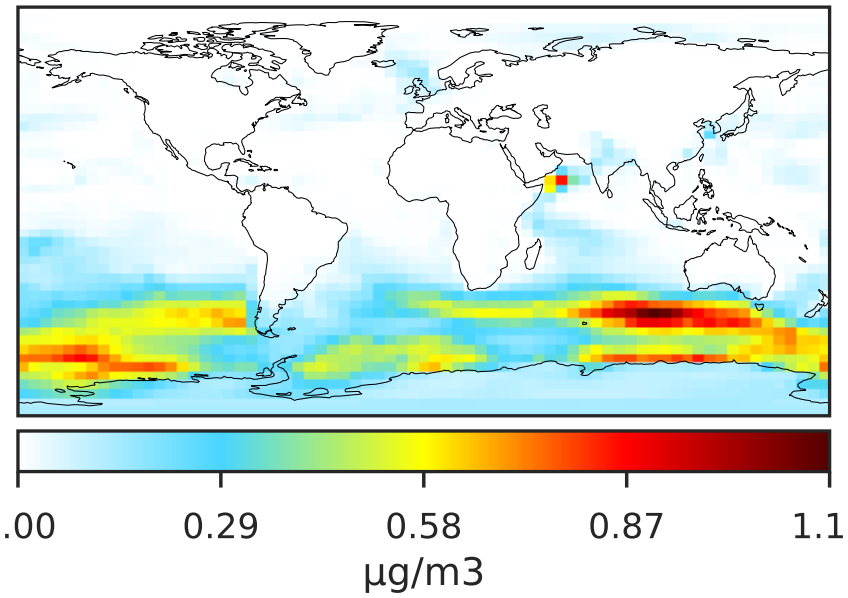
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_SALACL

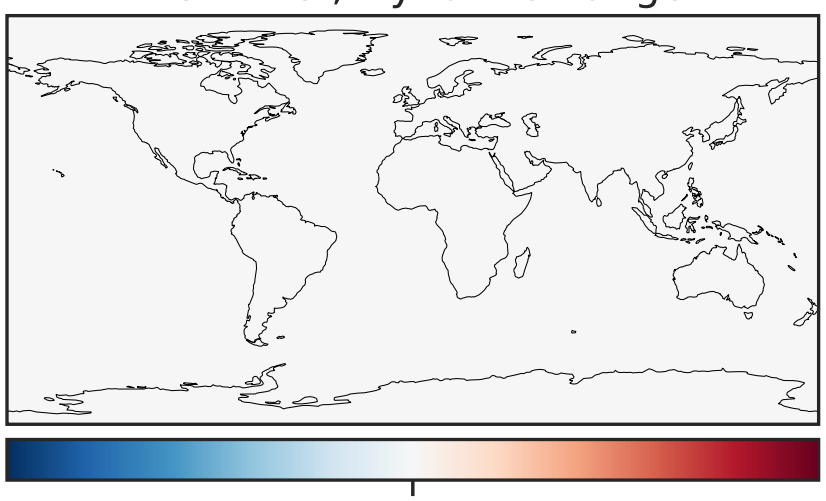
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



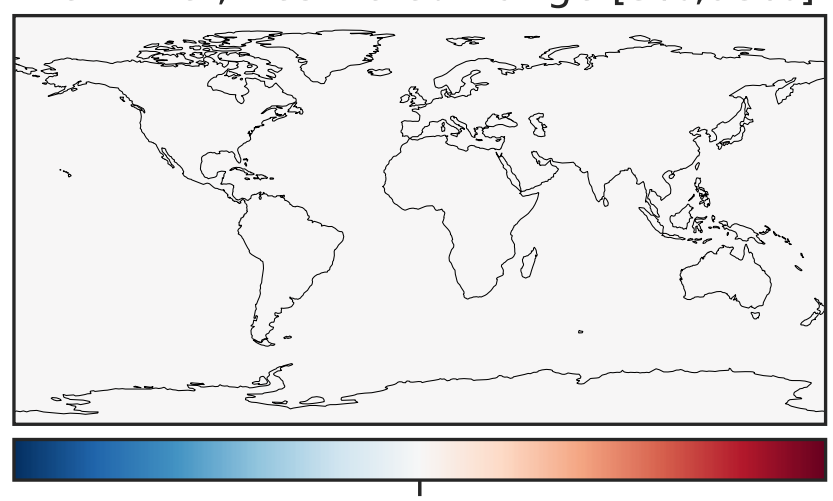
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



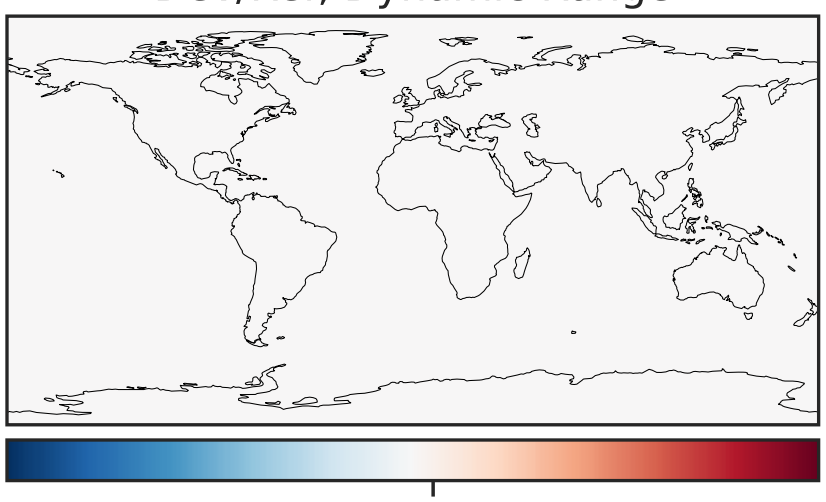
Difference
Dev - Ref, Dynamic Range



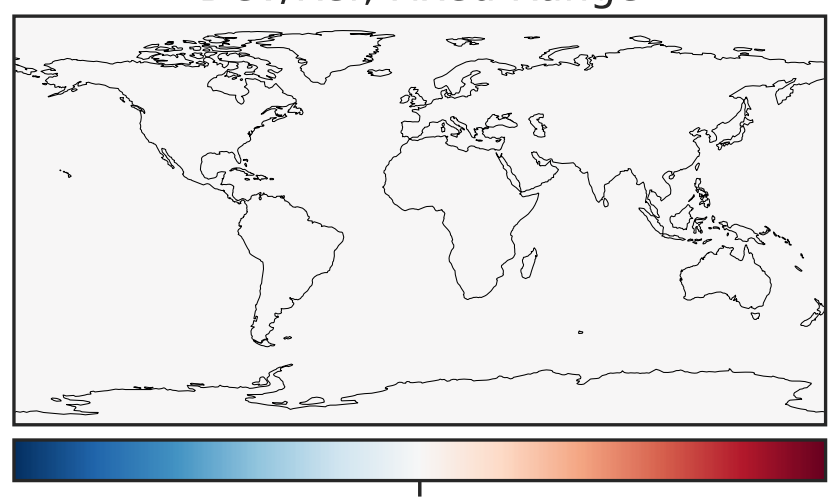
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

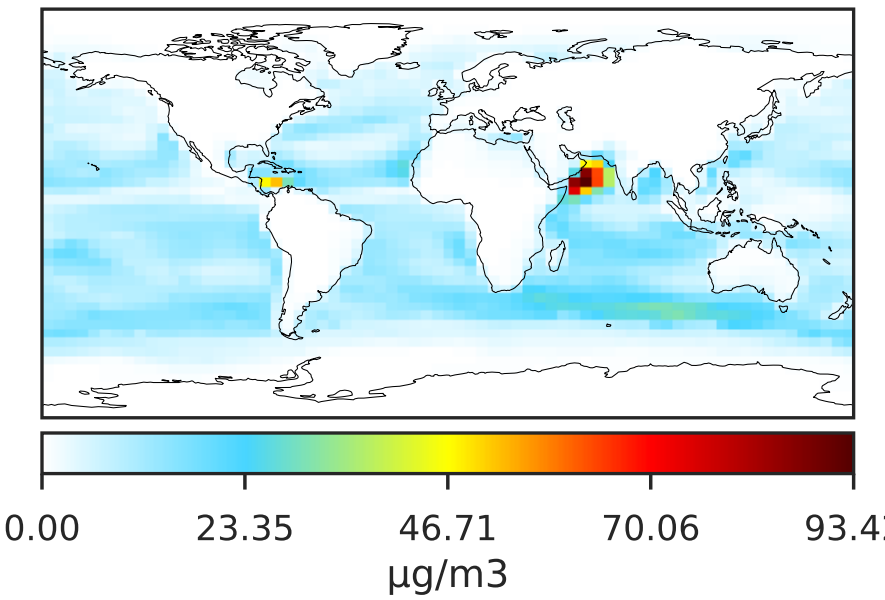


Ratio
Dev/Ref, Fixed Range

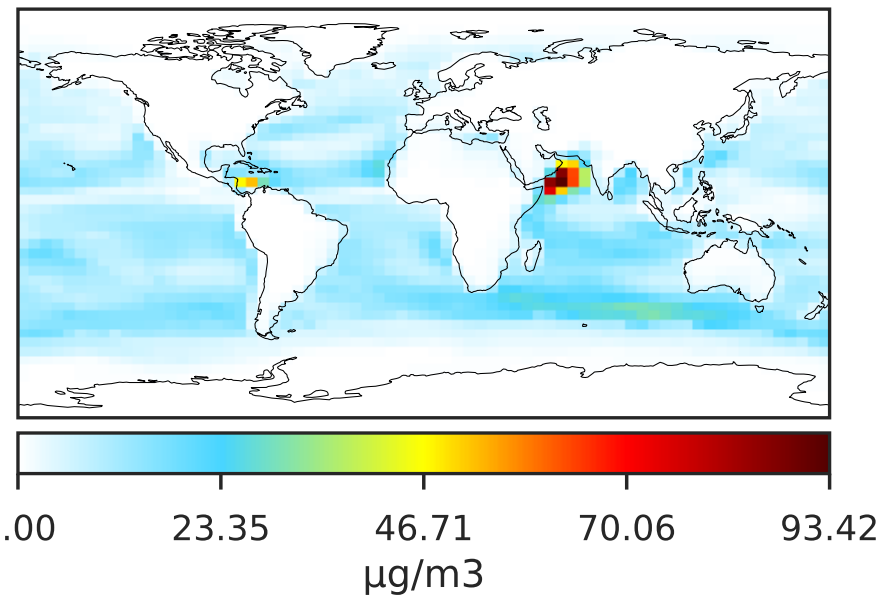


SpeciesConcVV_SALC

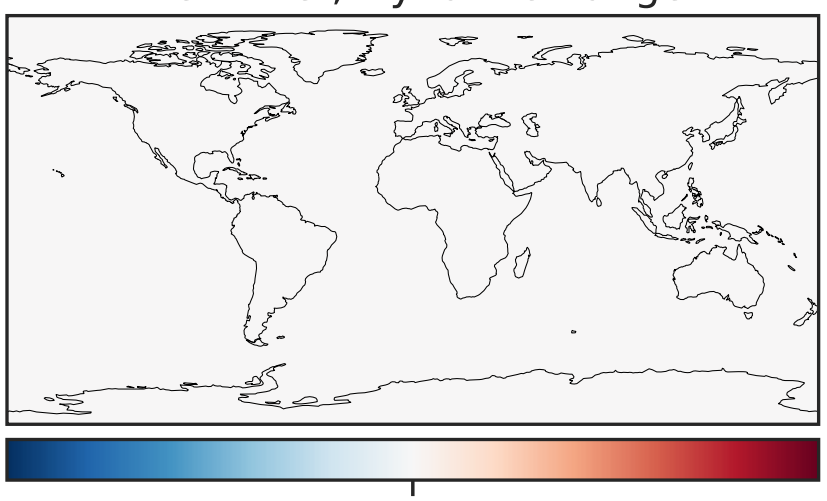
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



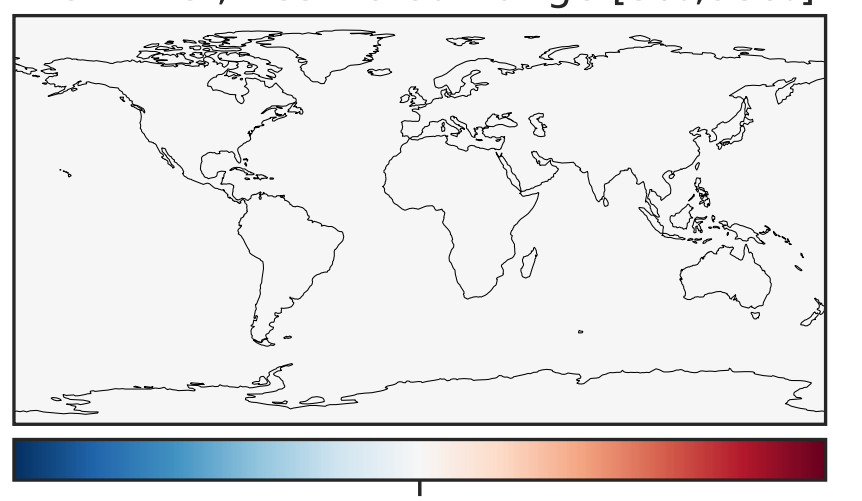
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



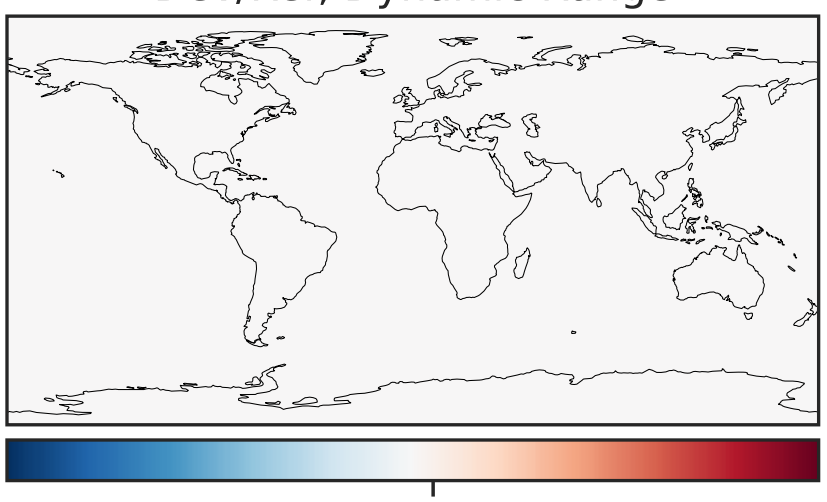
Difference
Dev - Ref, Dynamic Range



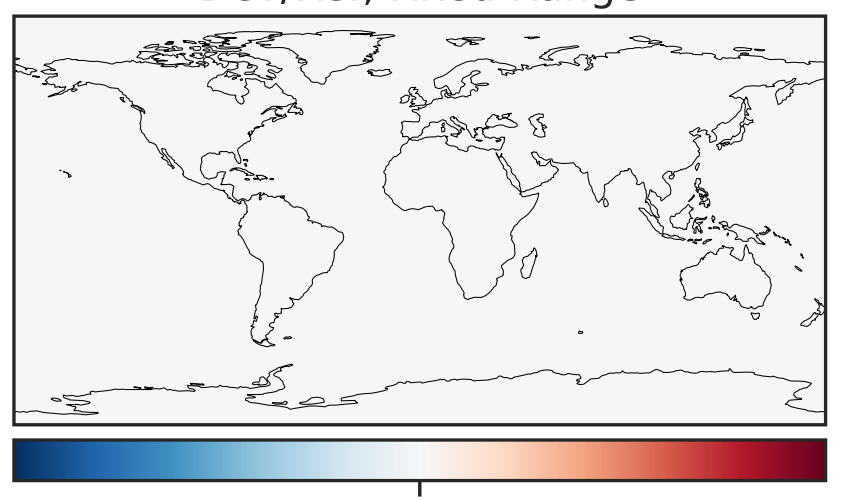
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

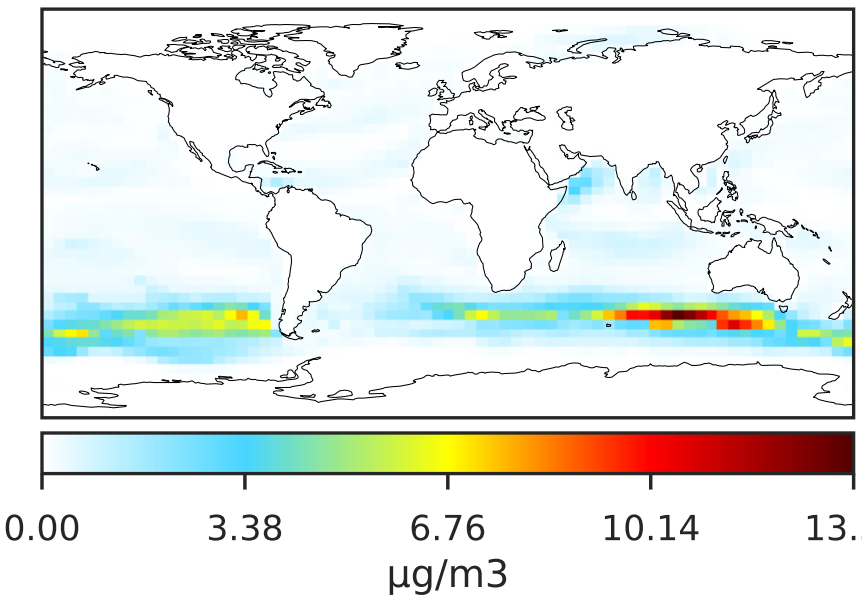


Ratio
Dev/Ref, Fixed Range

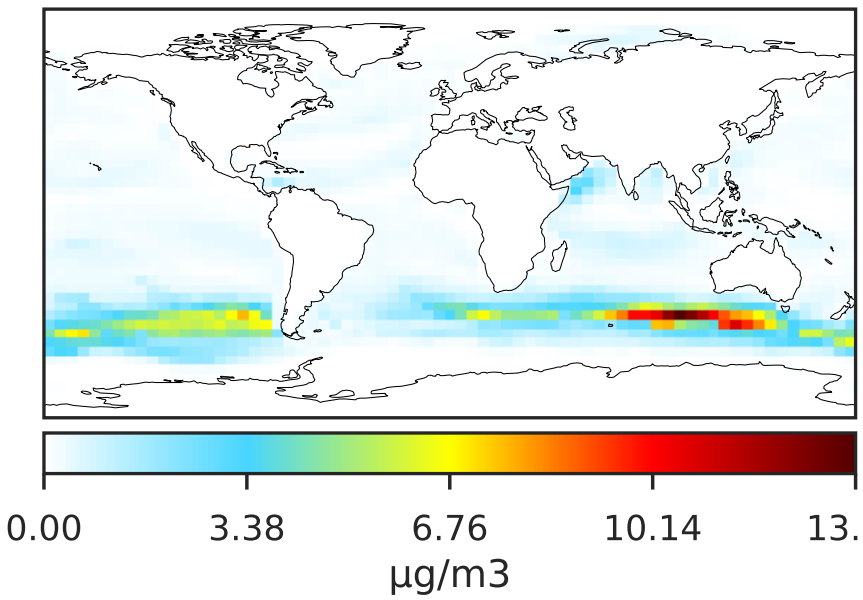


SpeciesConcVV_SALCAL

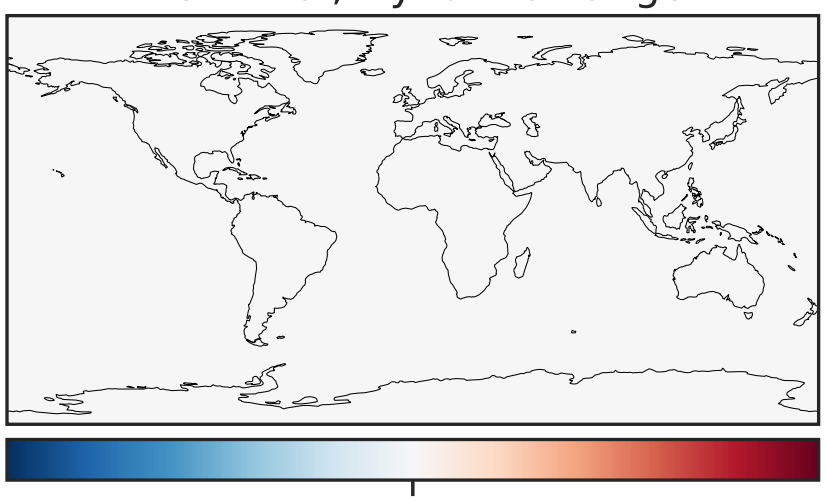
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



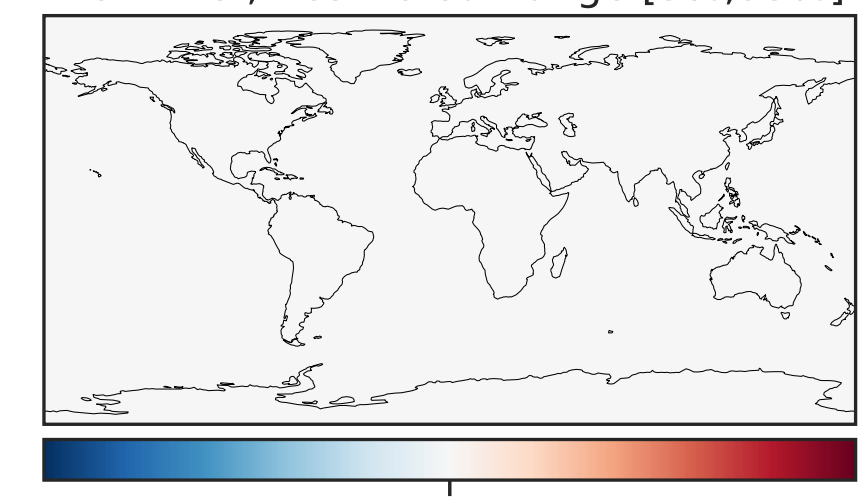
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



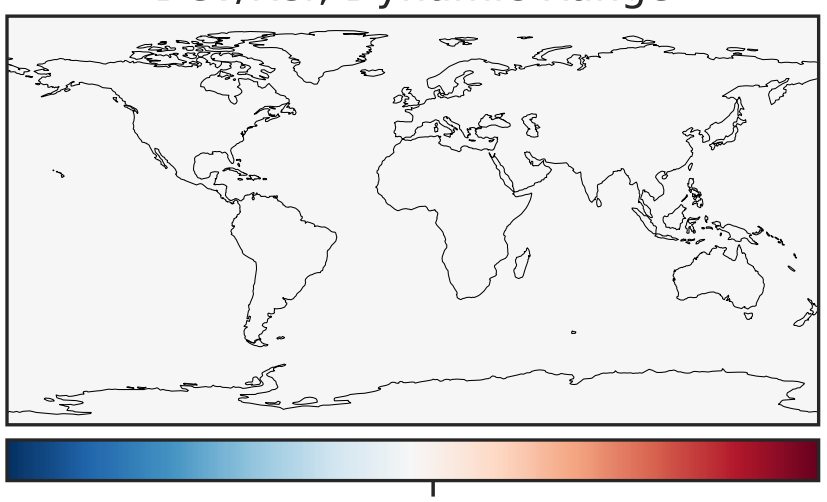
Difference
Dev - Ref, Dynamic Range



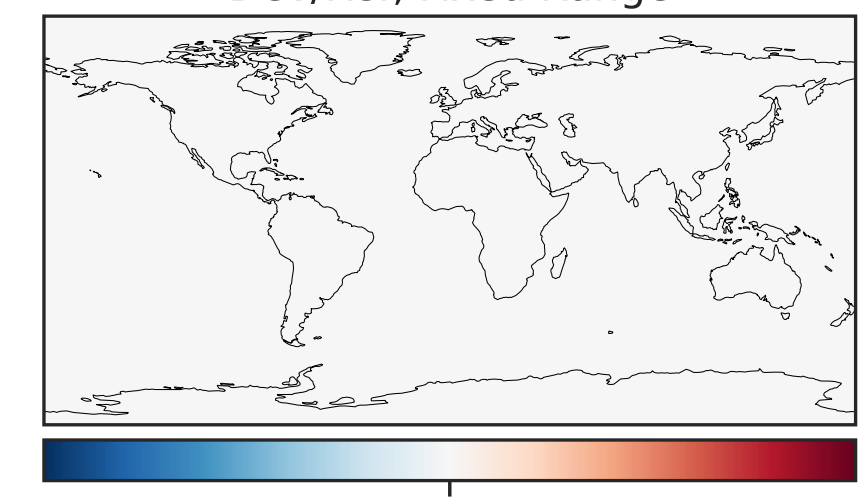
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

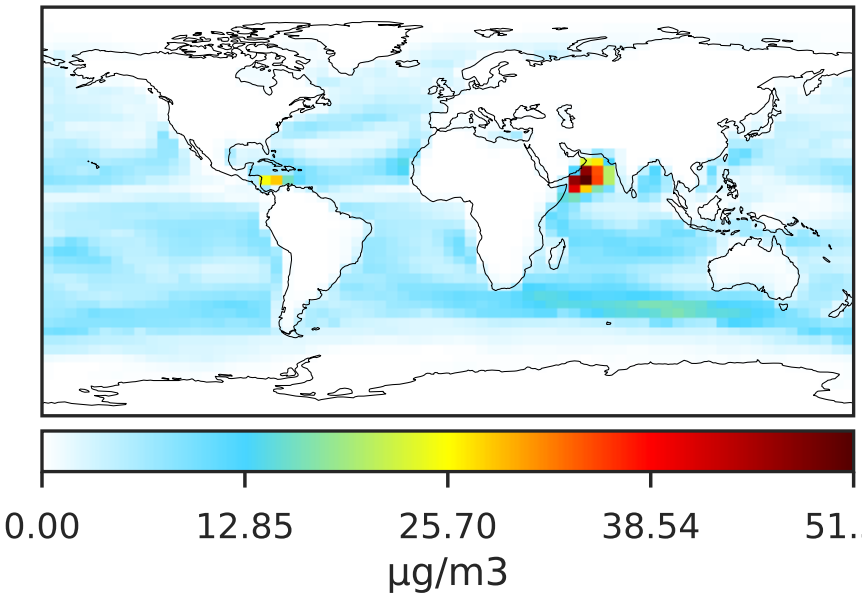


Ratio
Dev/Ref, Fixed Range

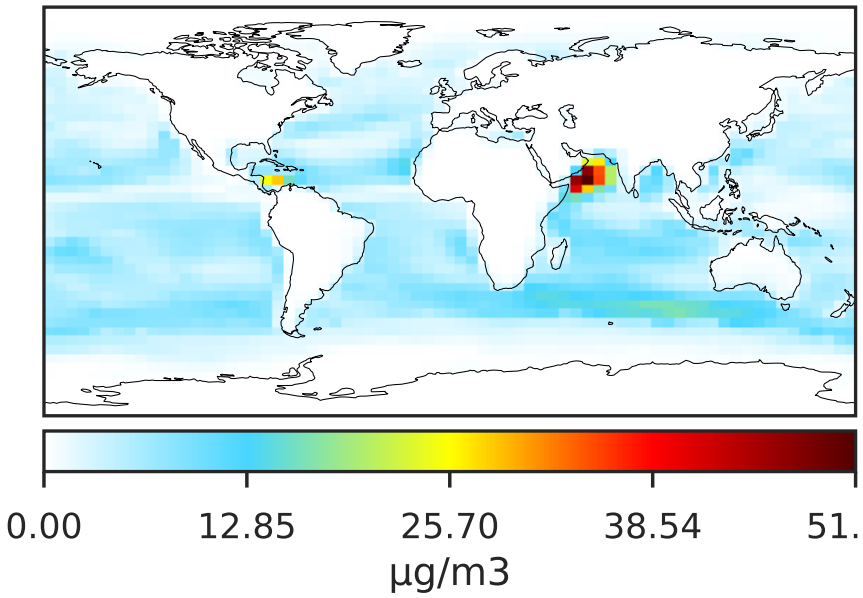


SpeciesConcVV_SALCCL

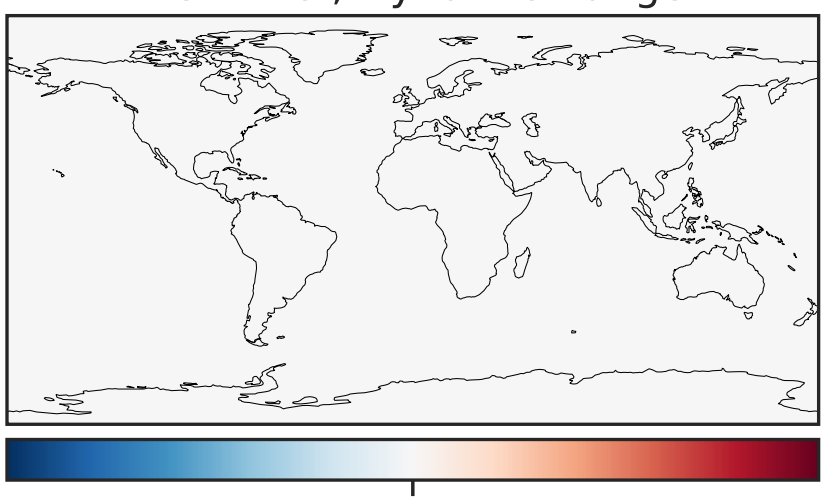
gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0



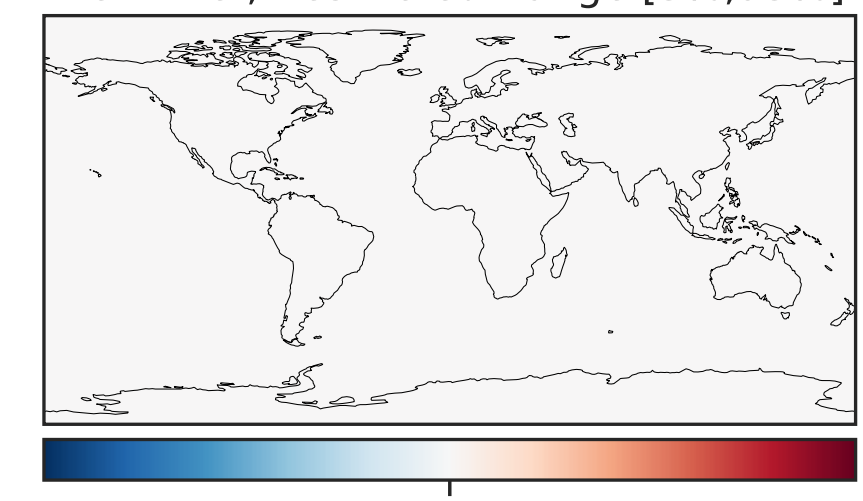
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0



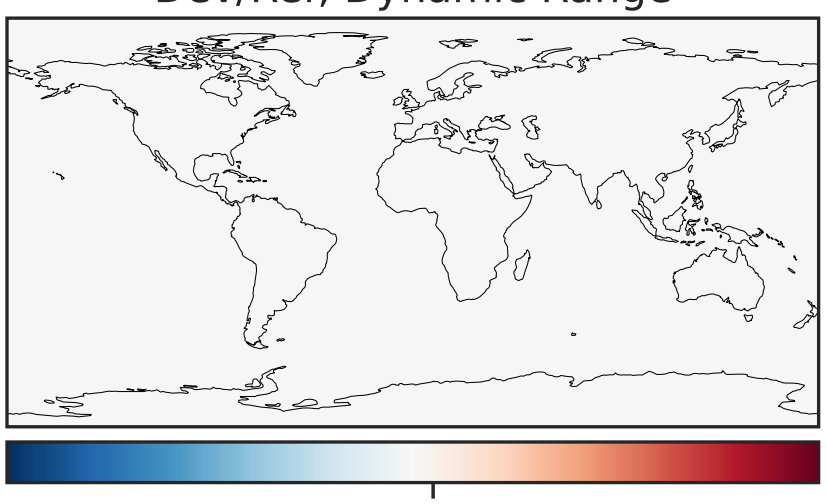
Difference
Dev - Ref, Dynamic Range



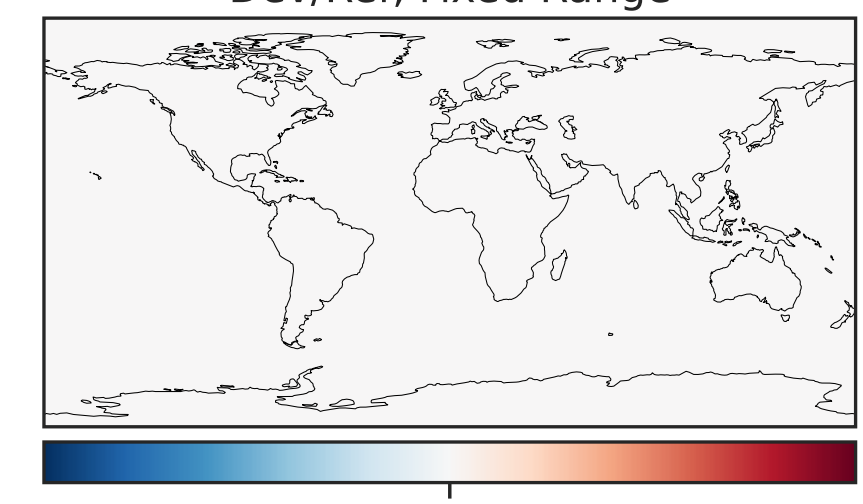
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

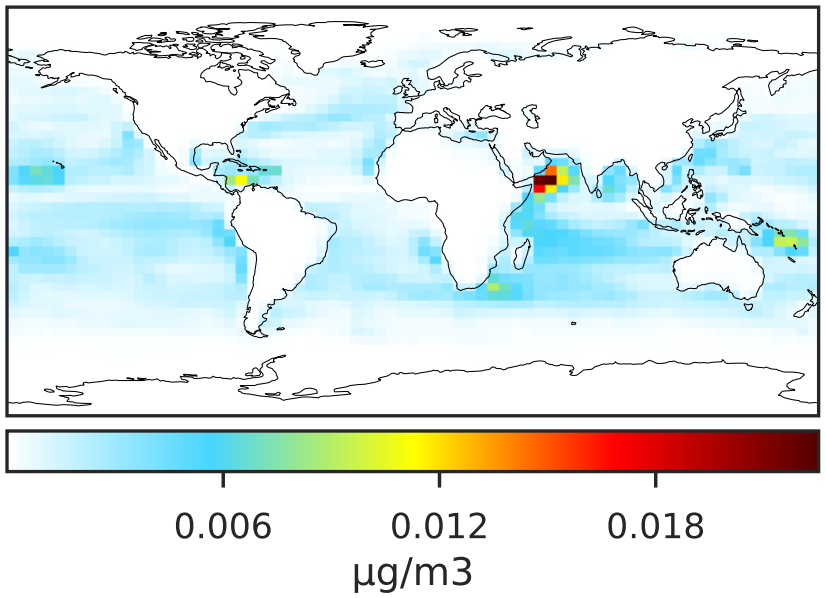


Ratio
Dev/Ref, Fixed Range



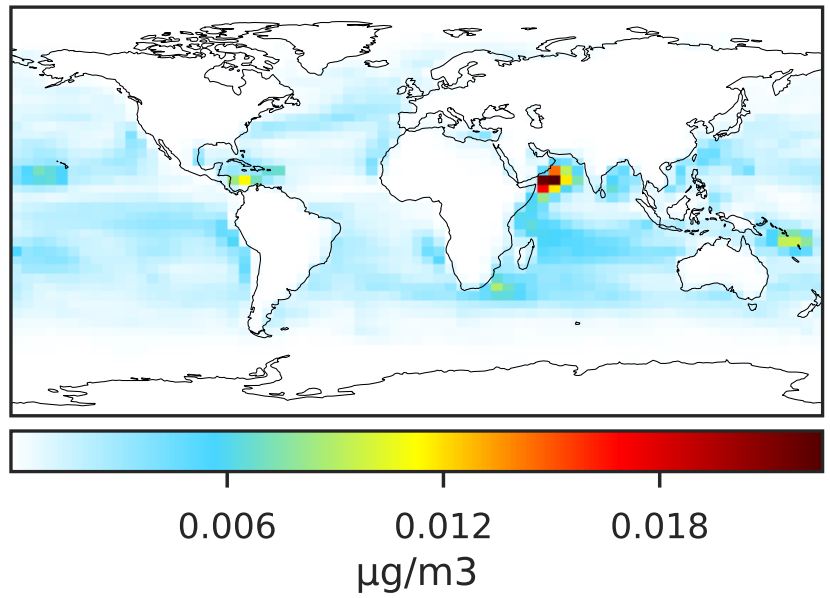
SpeciesConcVV_SO4s

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



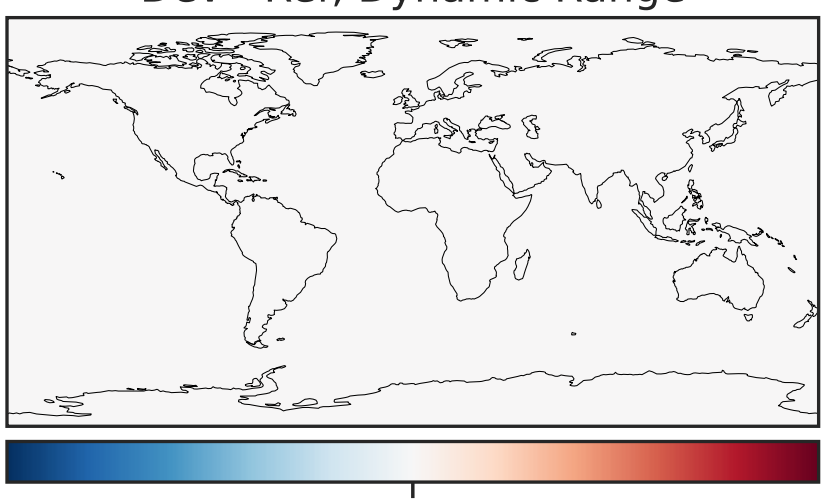
µg/m3

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



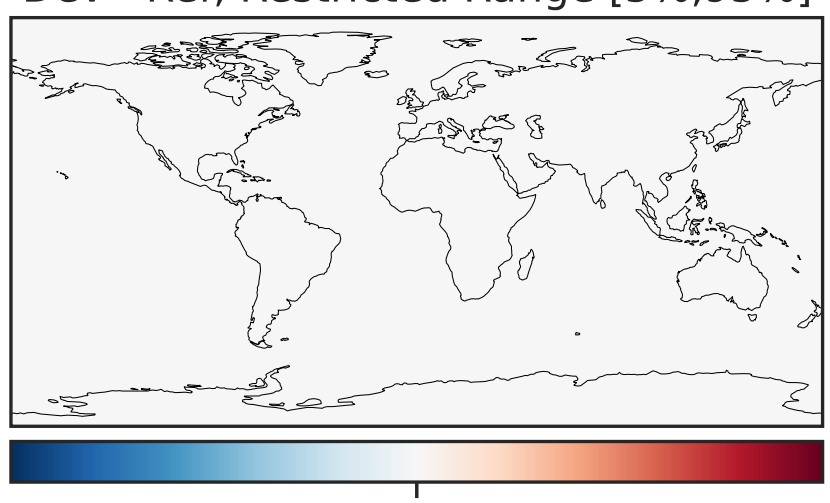
µg/m3

Difference
Dev - Ref, Dynamic Range



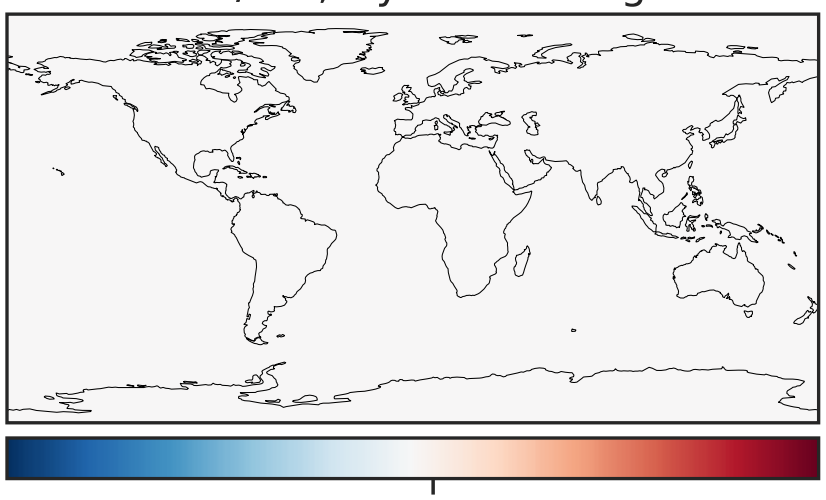
Zero throughout domain
µg/m3

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



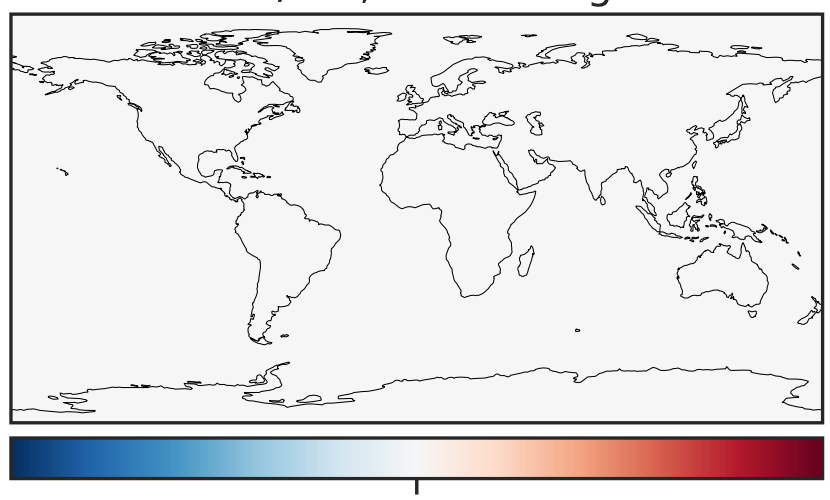
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

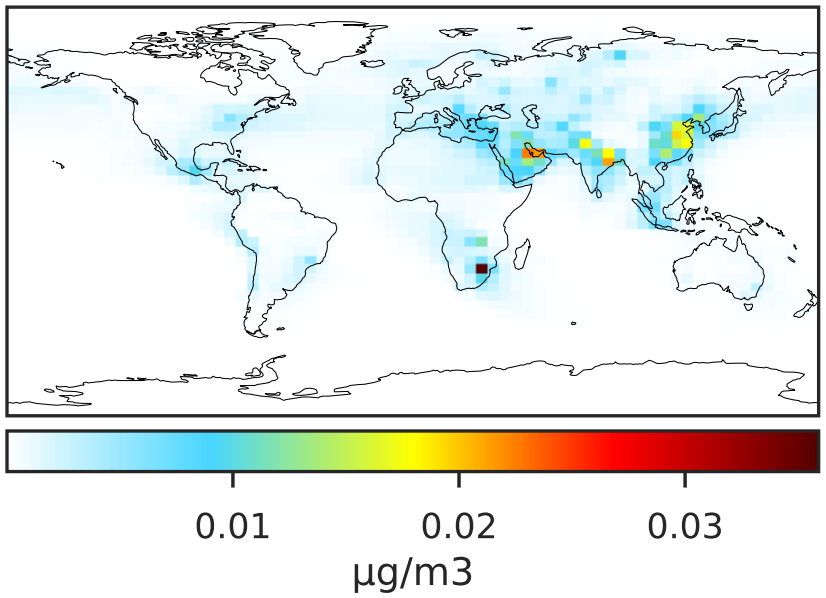
Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless

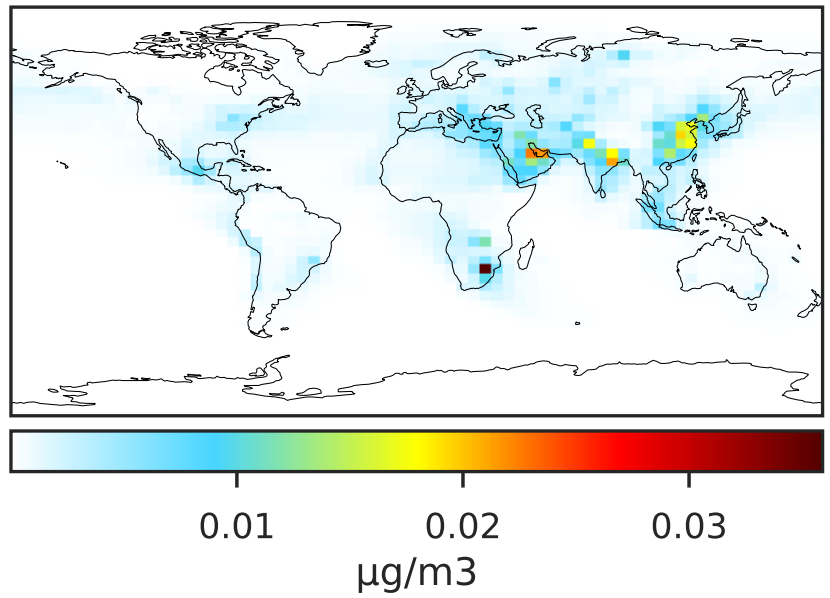
SpeciesConcVV_pFe

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



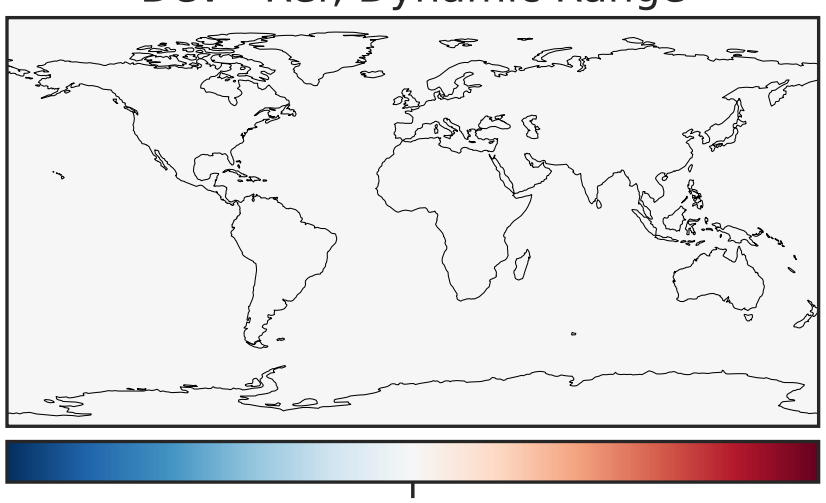
µg/m3

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



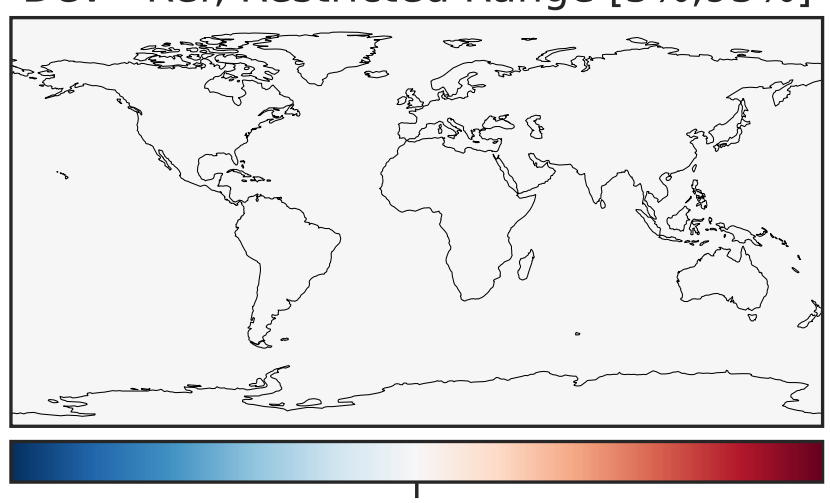
µg/m3

Difference
Dev - Ref, Dynamic Range



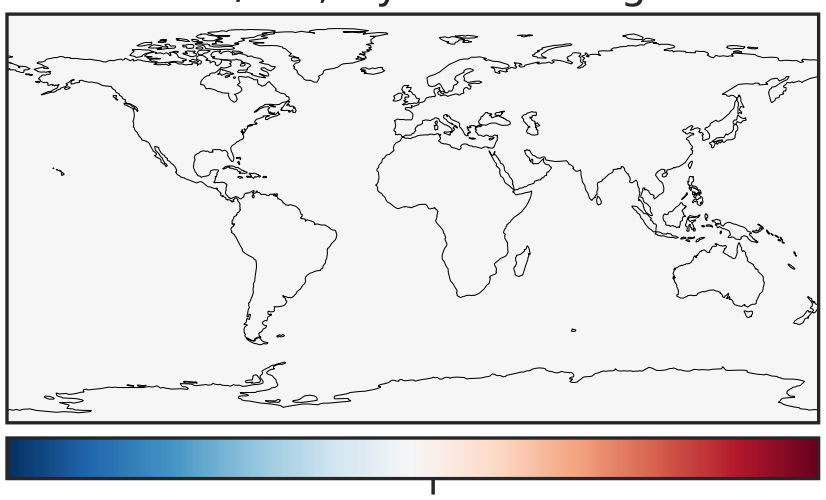
Zero throughout domain
µg/m3

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



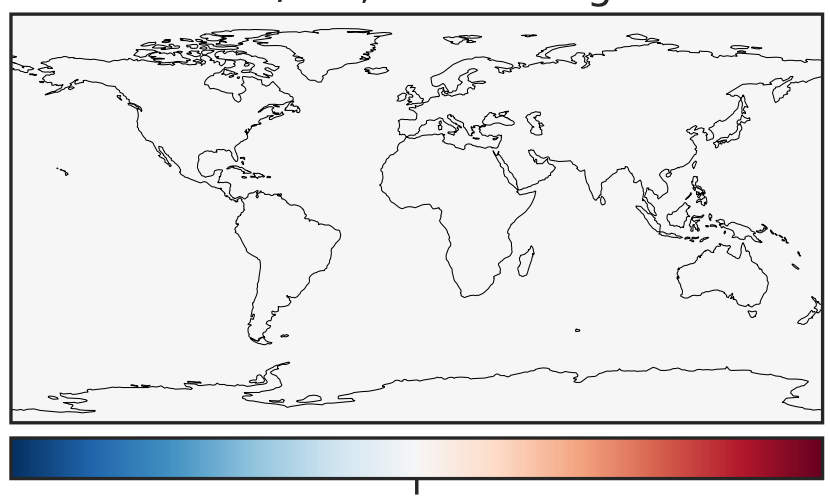
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless