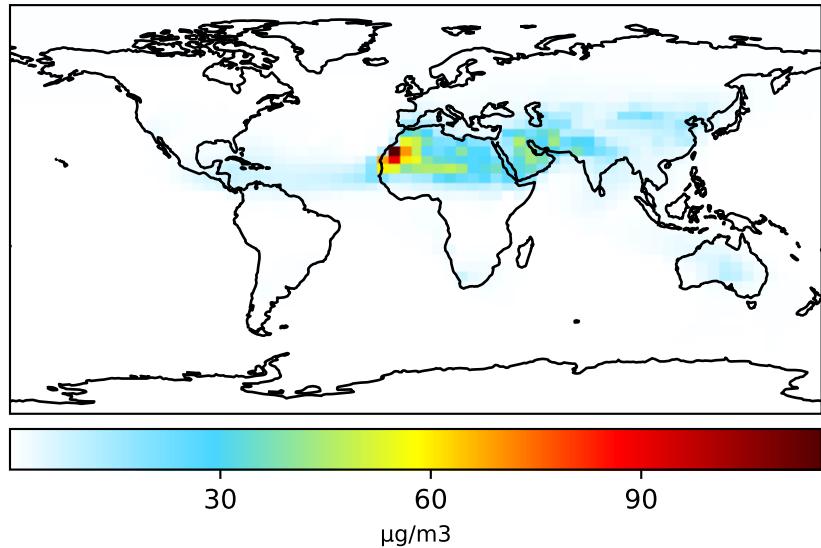
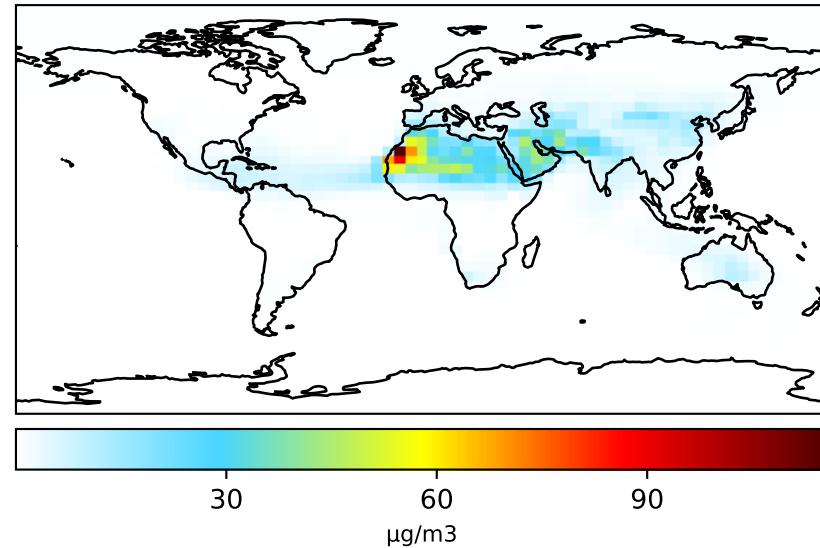


SpeciesConcVV_DST1

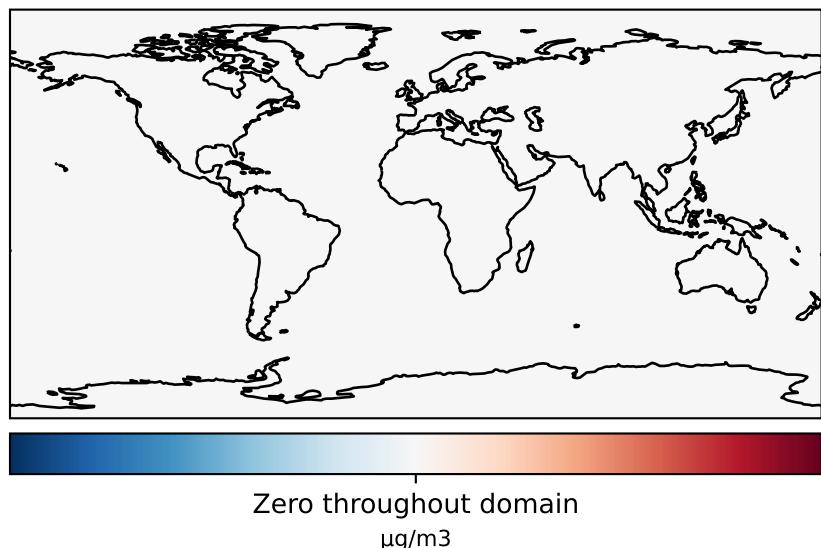
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



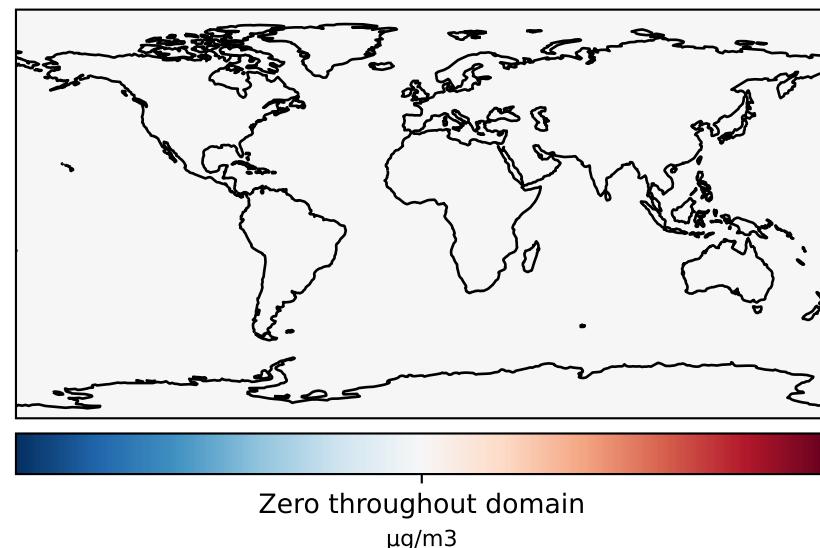
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



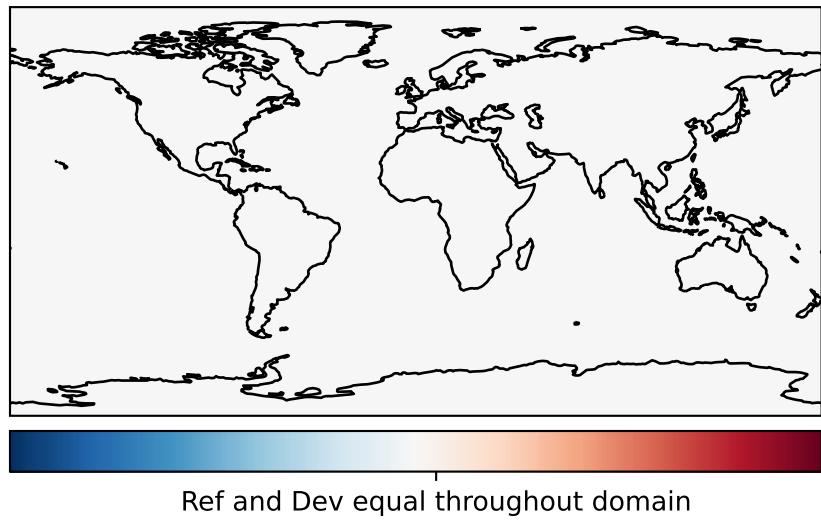
Difference
Dev - Ref, Dynamic Range



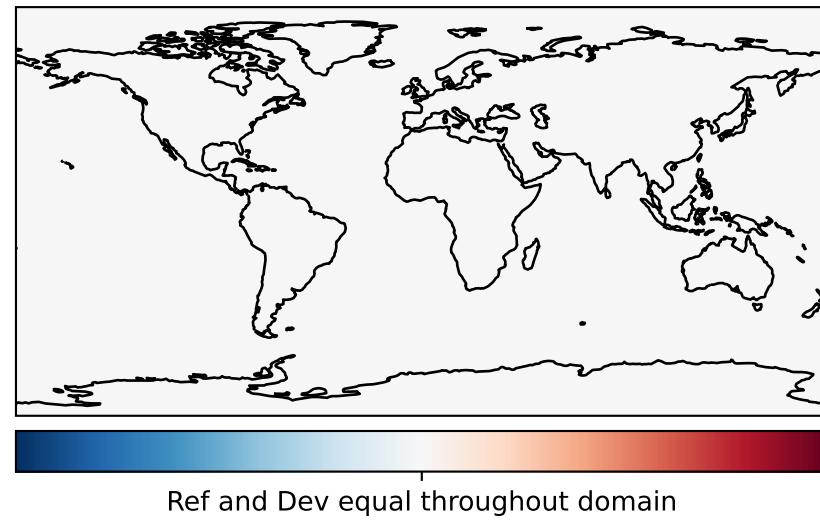
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

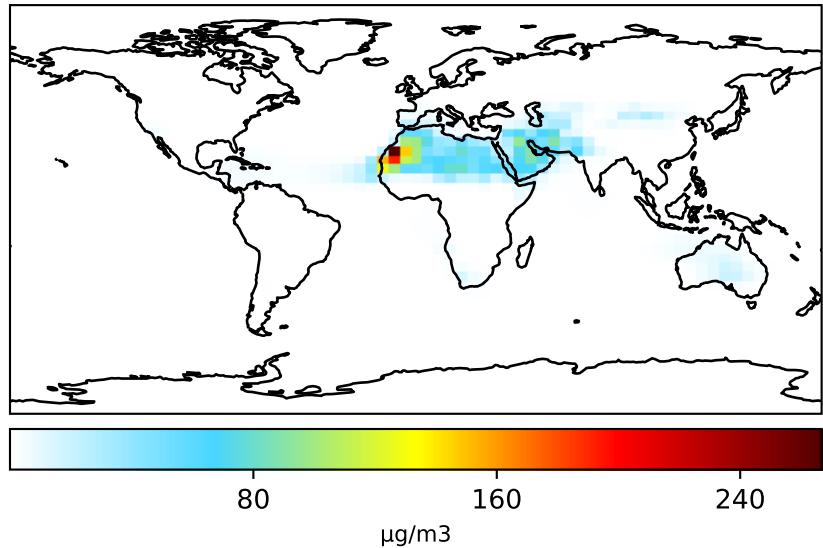


Ratio
Dev/Ref, Fixed Range

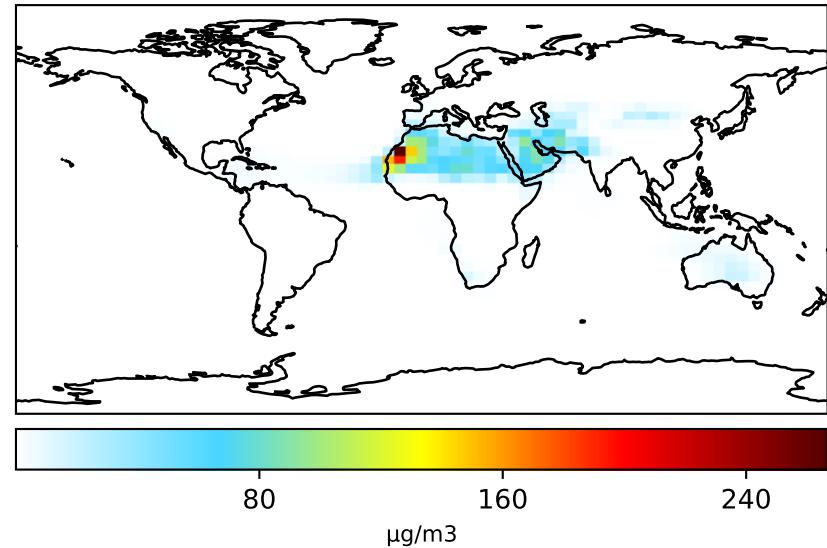


SpeciesConcVV_DST2

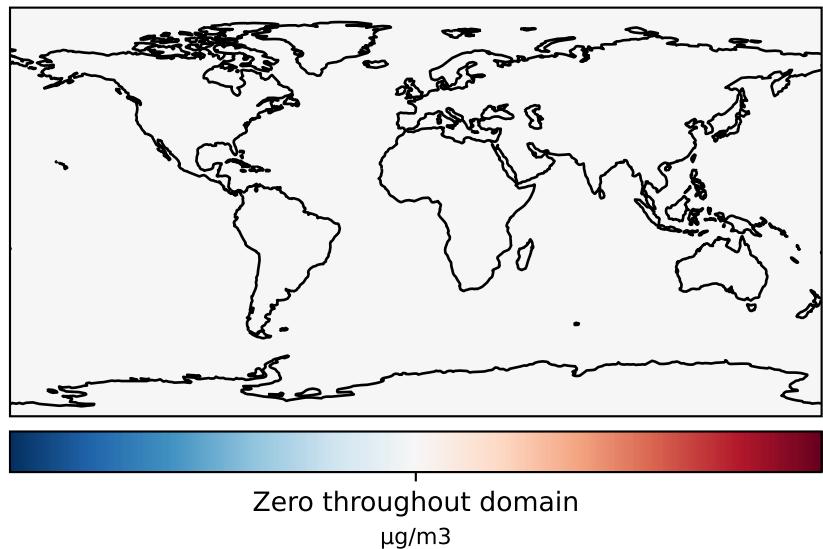
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



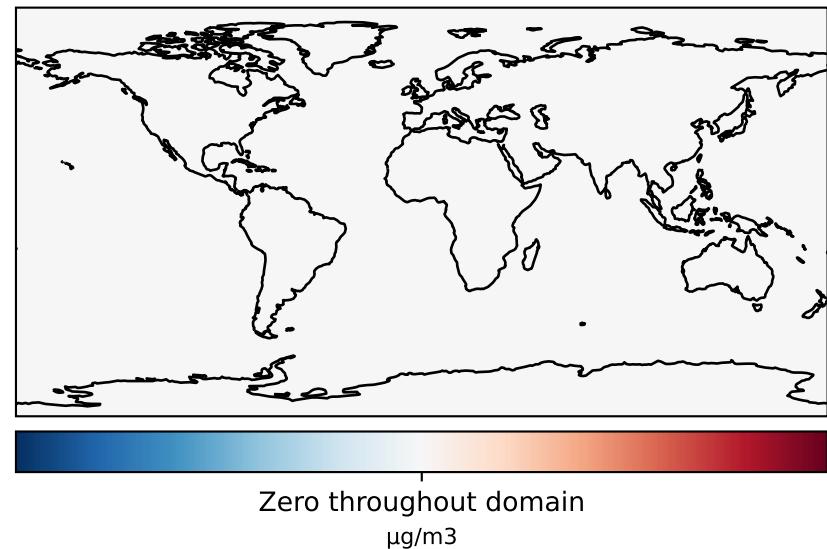
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



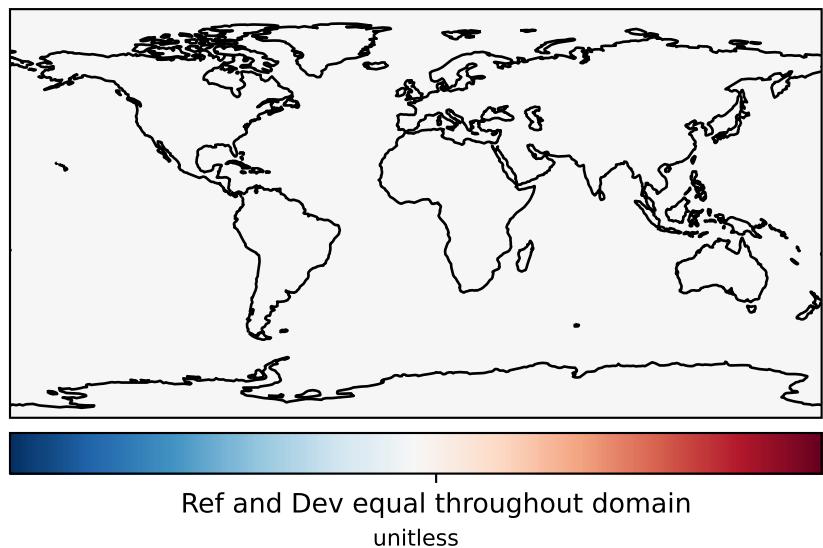
Difference
Dev - Ref, Dynamic Range



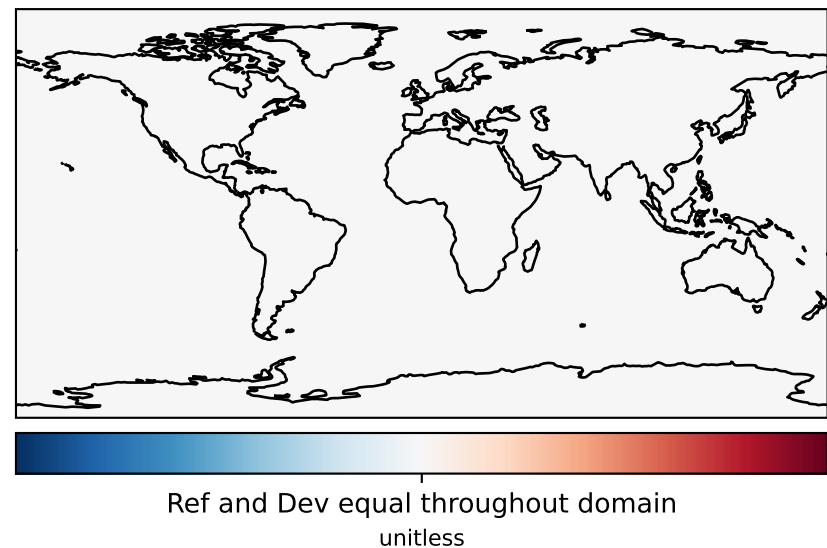
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

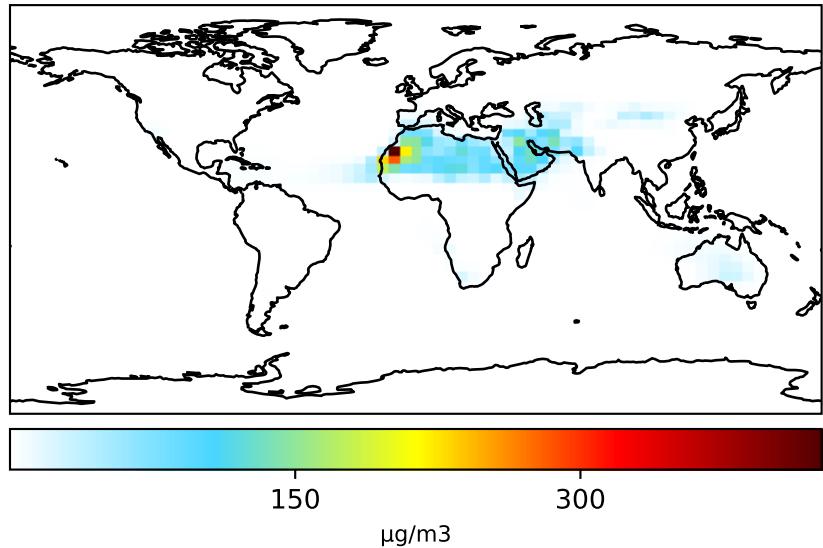


Ratio
Dev/Ref, Fixed Range

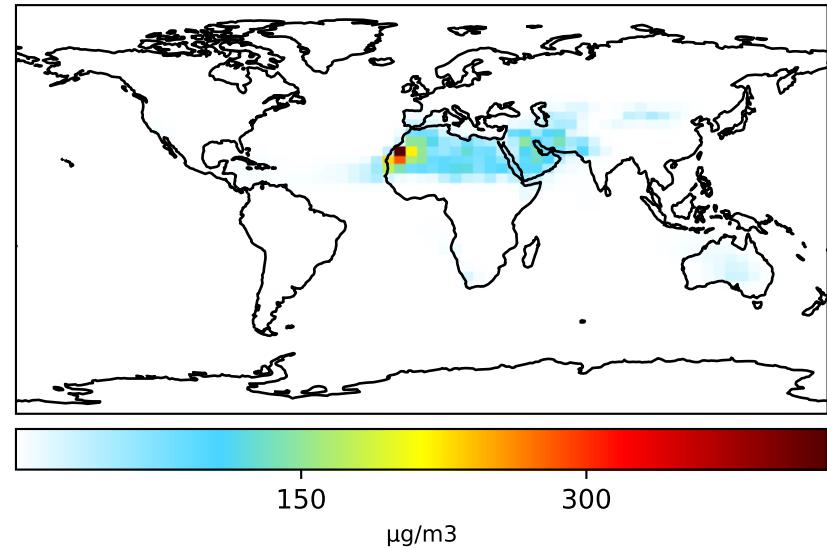


SpeciesConcVV_DST3

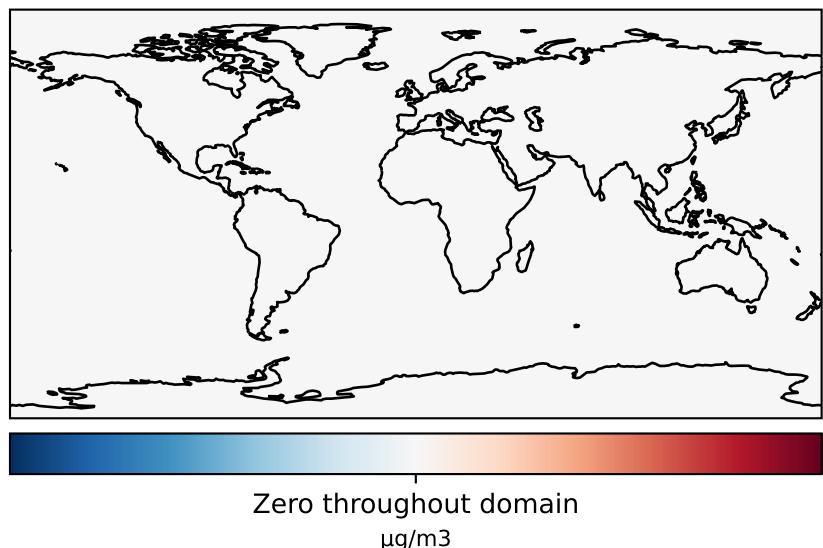
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



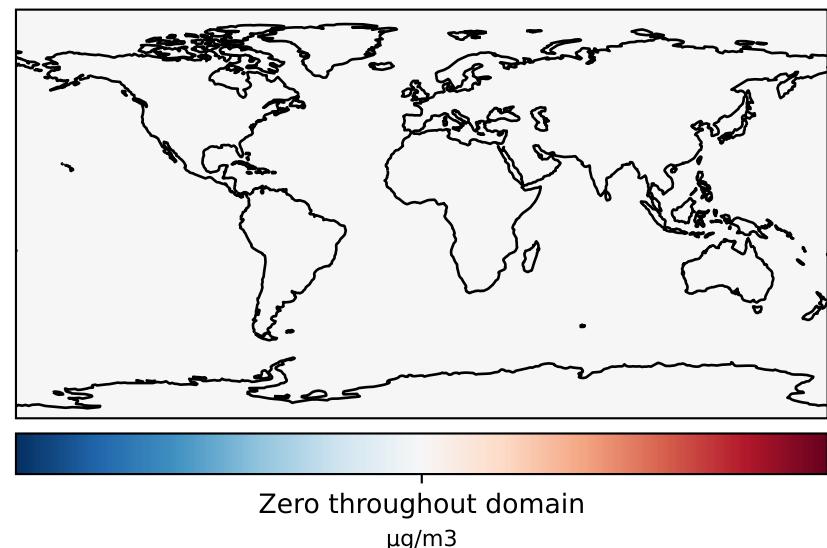
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



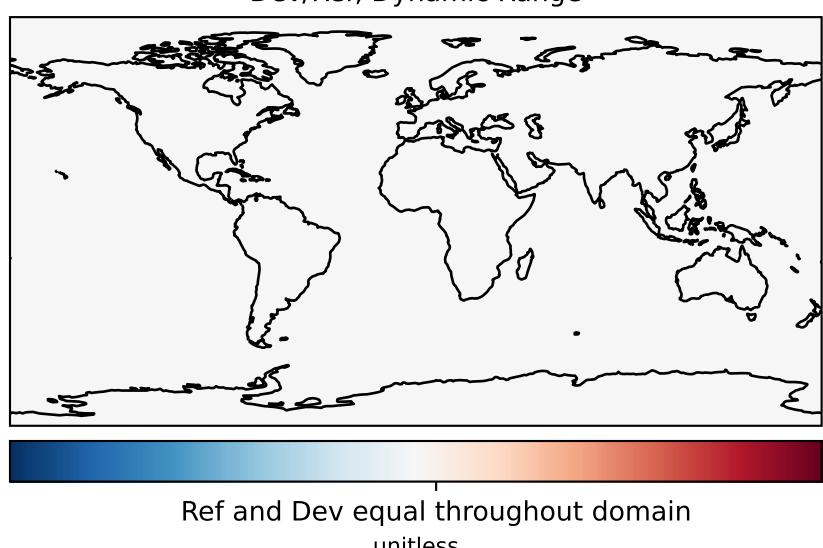
Difference
Dev - Ref, Dynamic Range



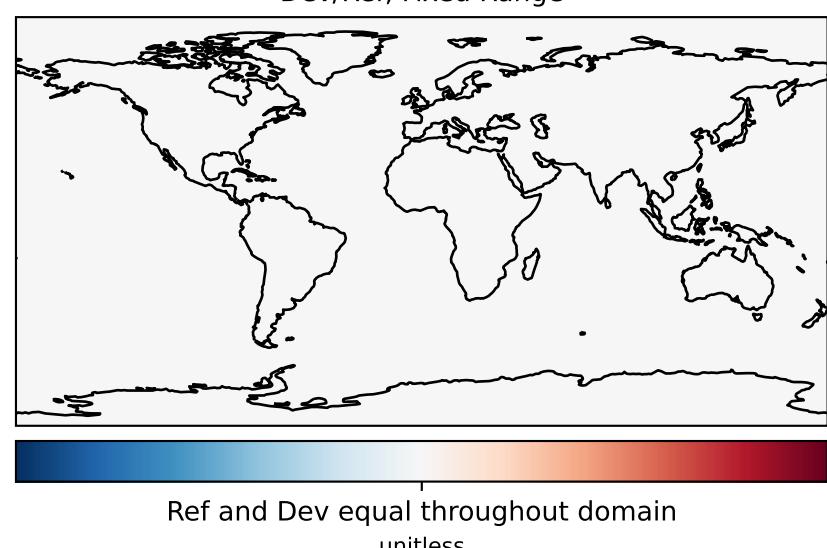
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

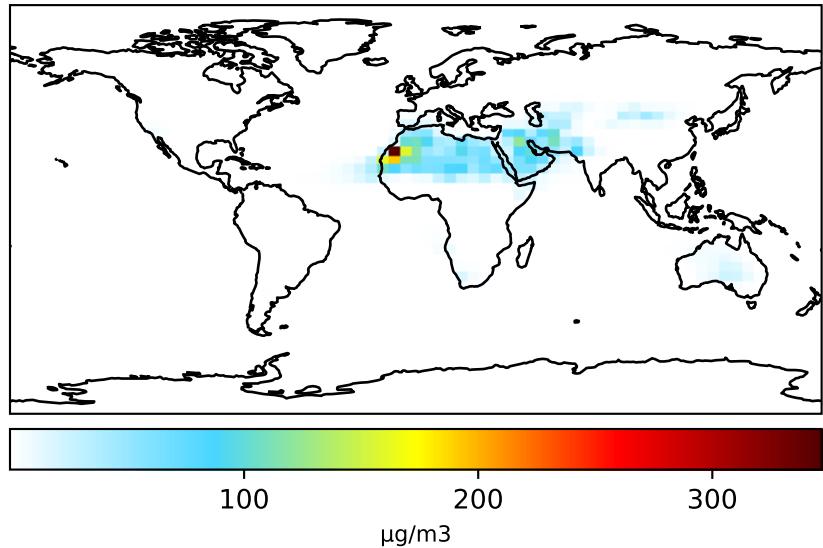


Ratio
Dev/Ref, Fixed Range

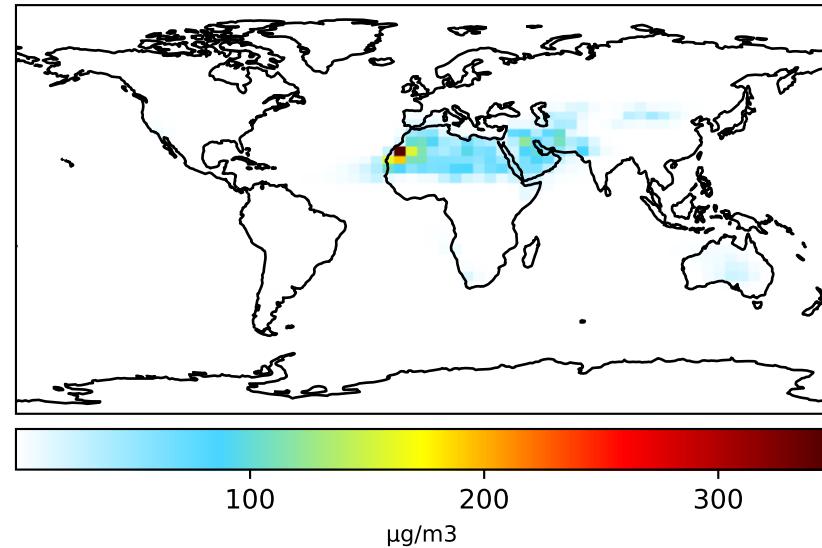


SpeciesConcVV_DST4

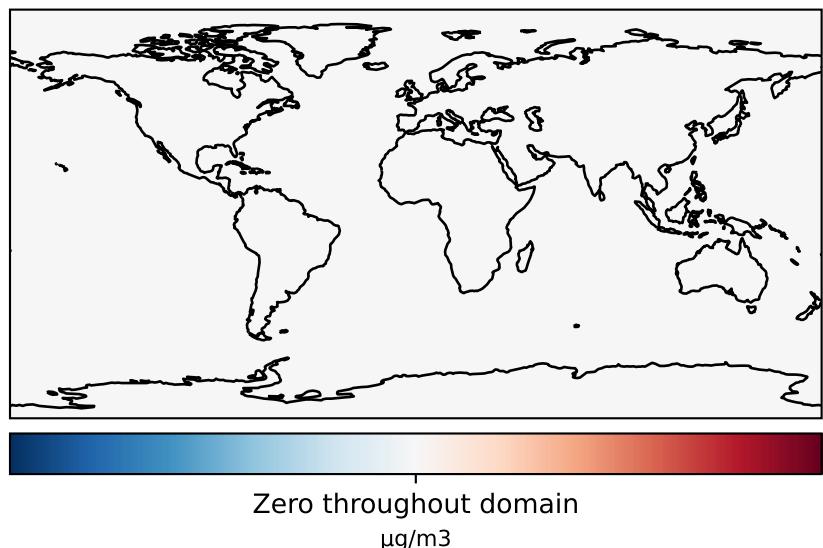
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



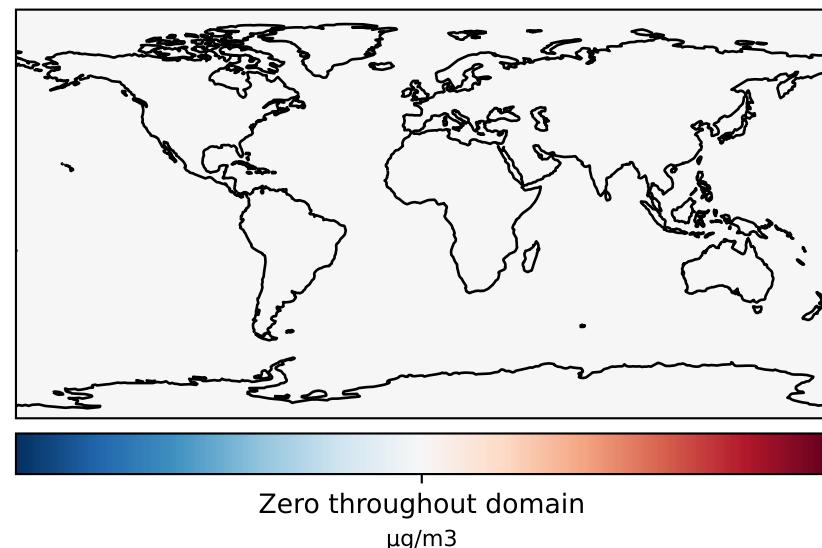
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



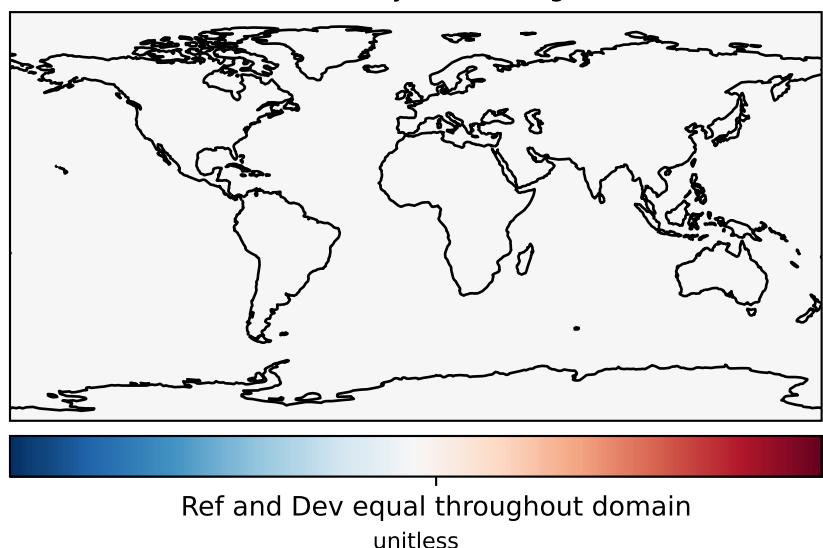
Difference
Dev - Ref, Dynamic Range



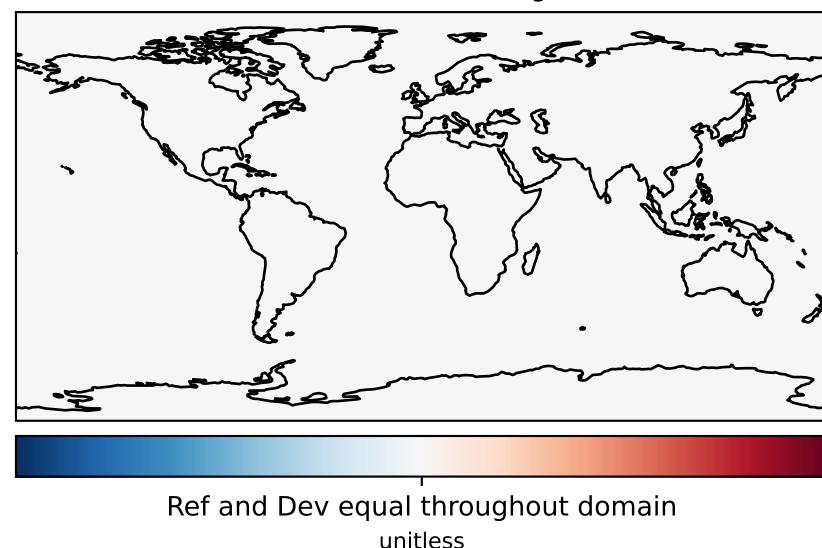
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

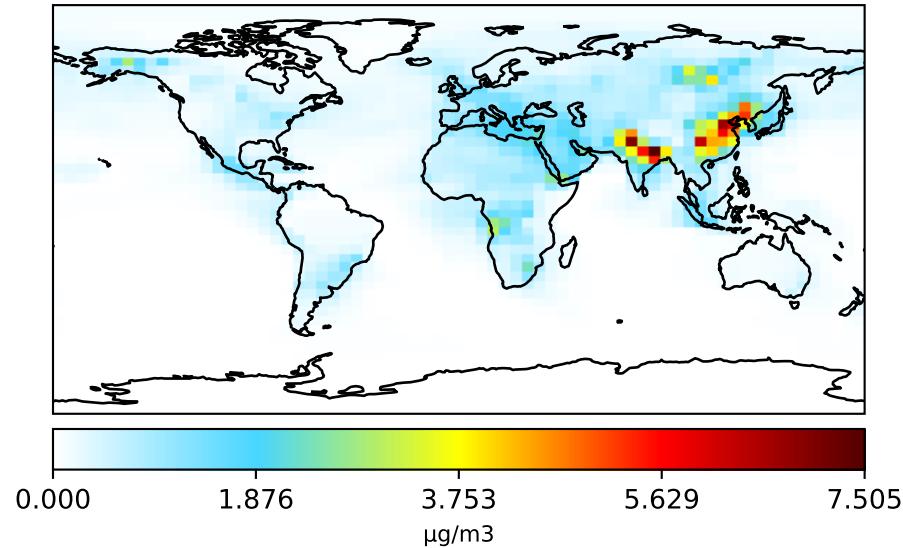


Ratio
Dev/Ref, Fixed Range

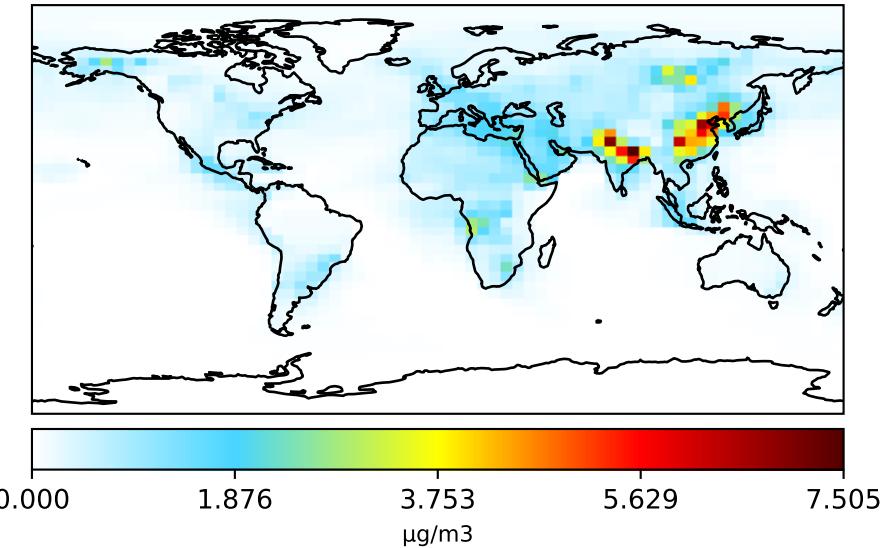


SpeciesConcVV_NH4

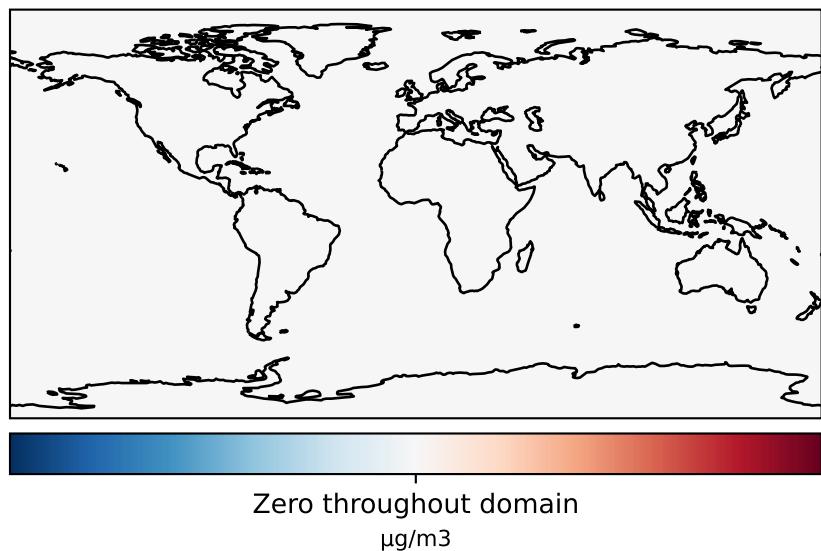
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



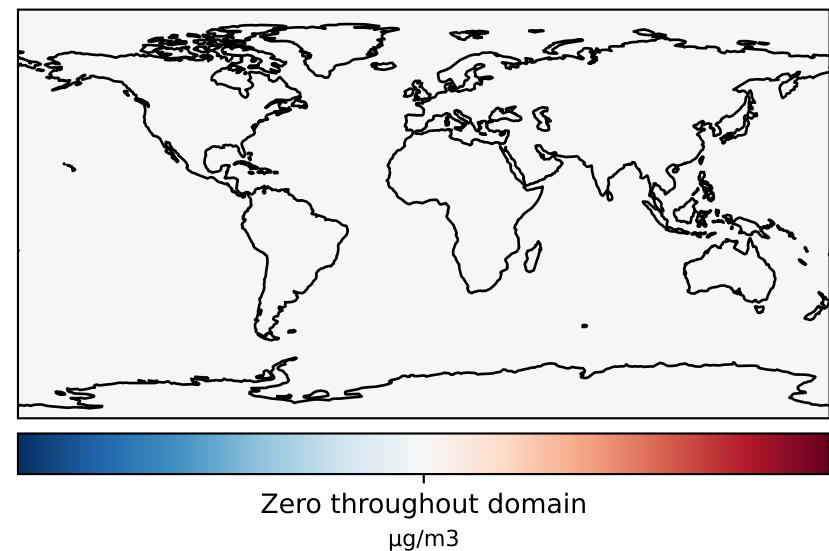
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



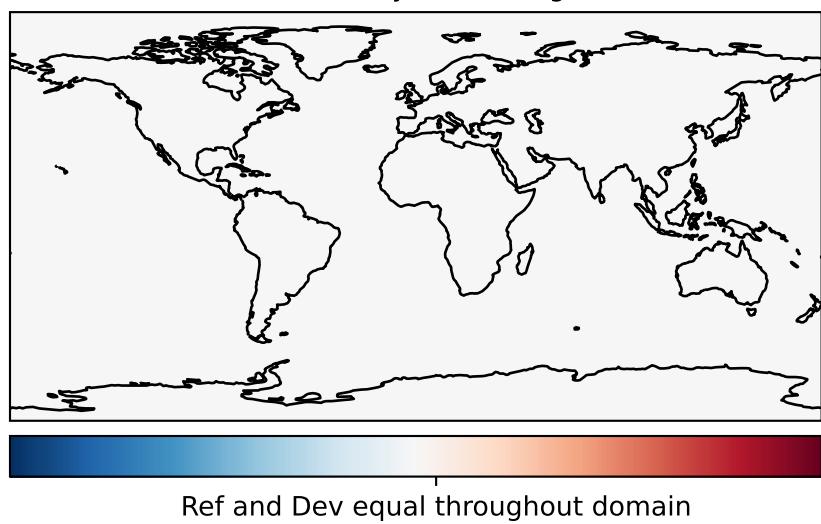
Difference
Dev - Ref, Dynamic Range



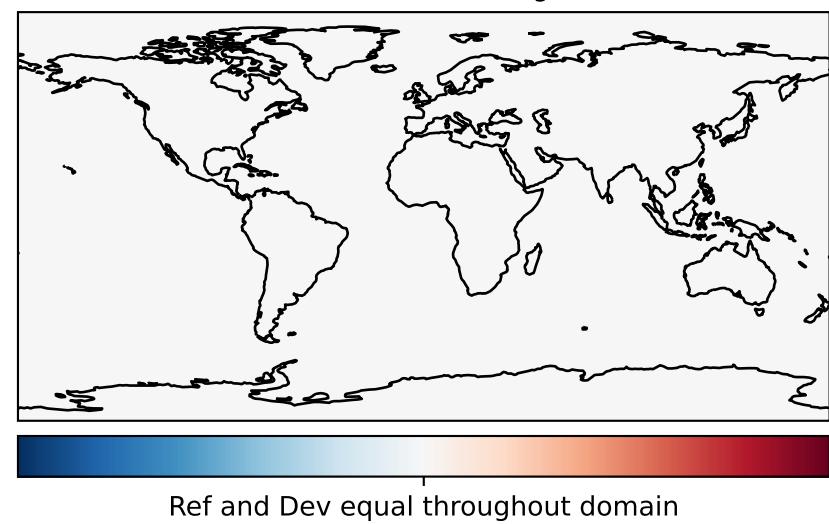
Difference
Dev - Ref, Restricted Range [5%,95%]



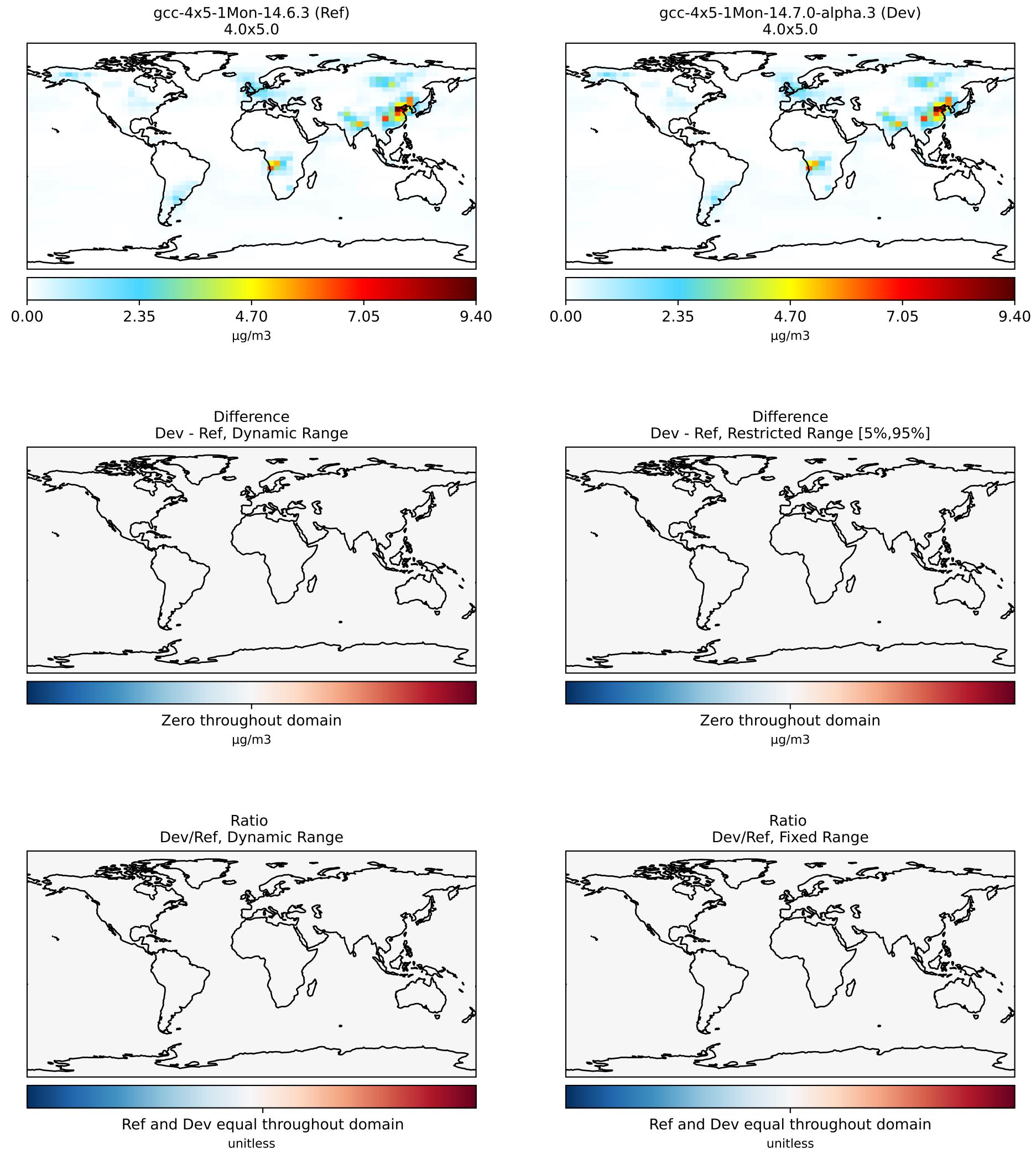
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

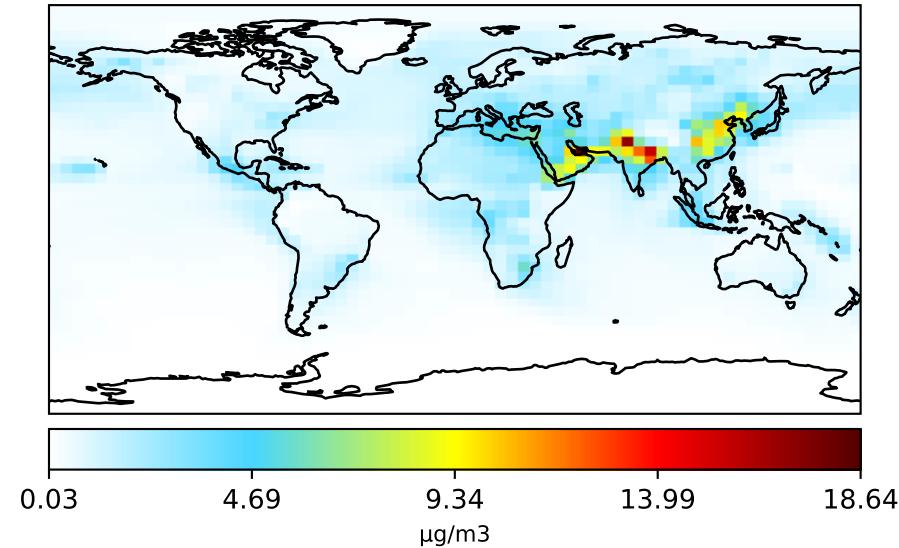


SpeciesConcVV_NIT

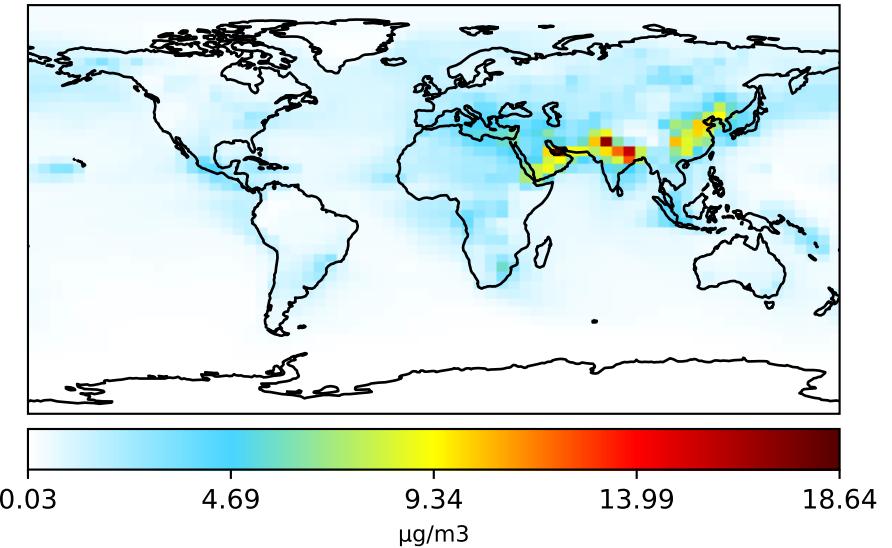


SpeciesConcVV_SO4

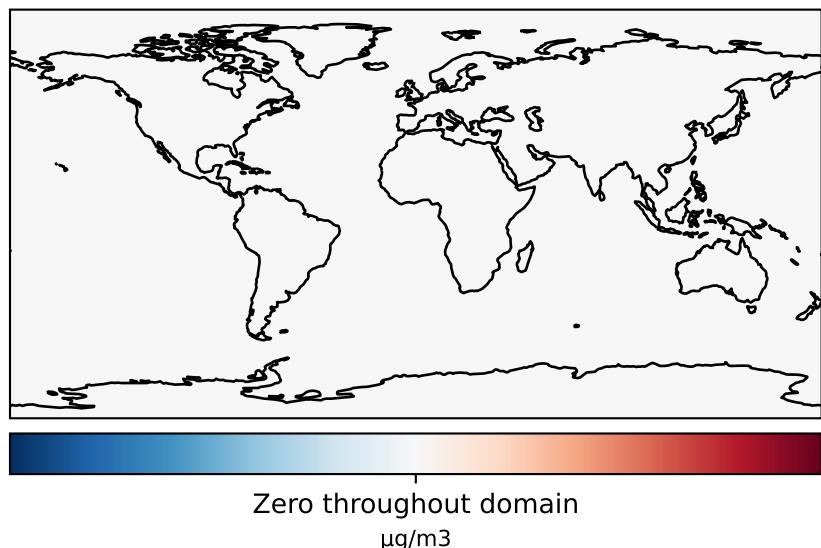
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



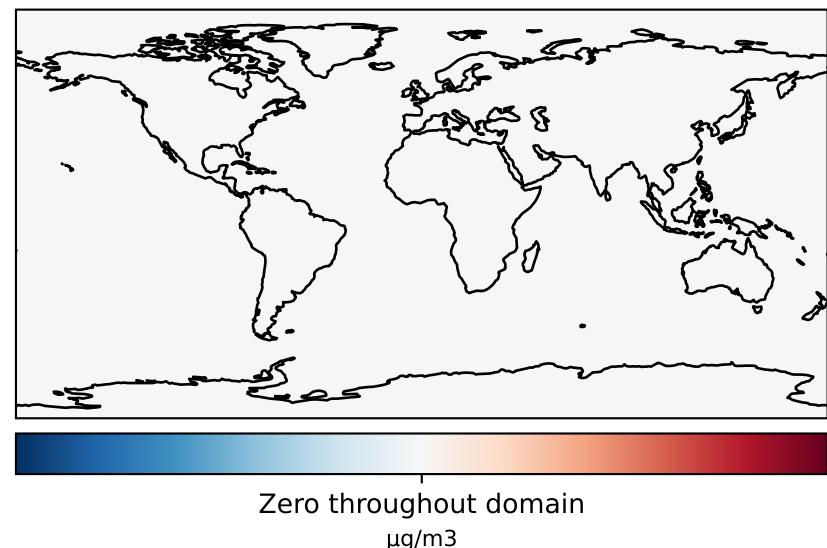
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



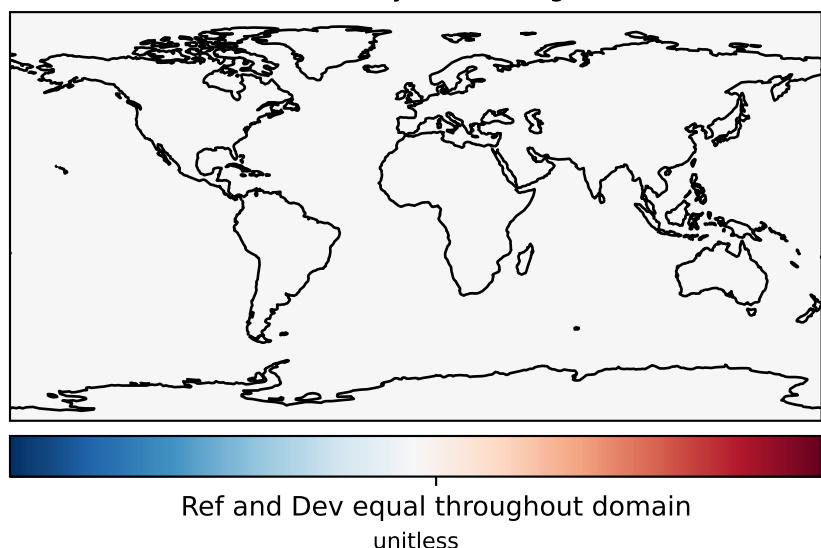
Difference
Dev - Ref, Dynamic Range



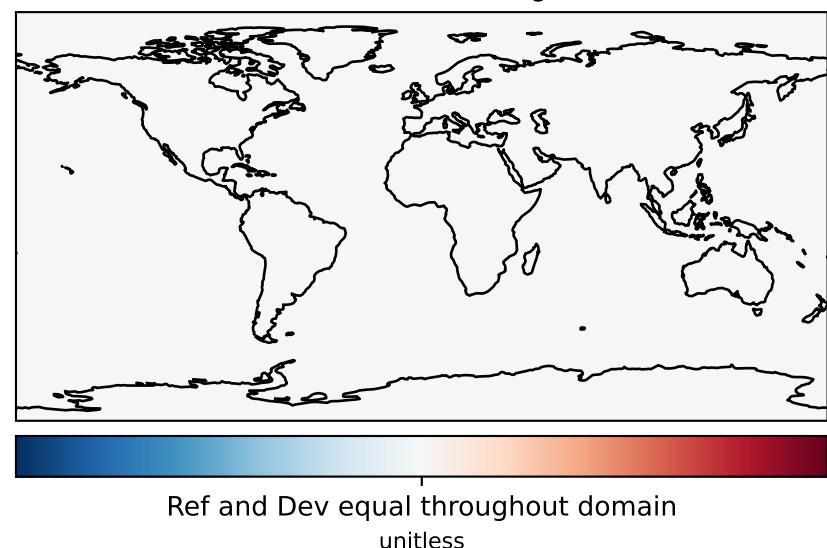
Difference
Dev - Ref, Restricted Range [5%, 95%]



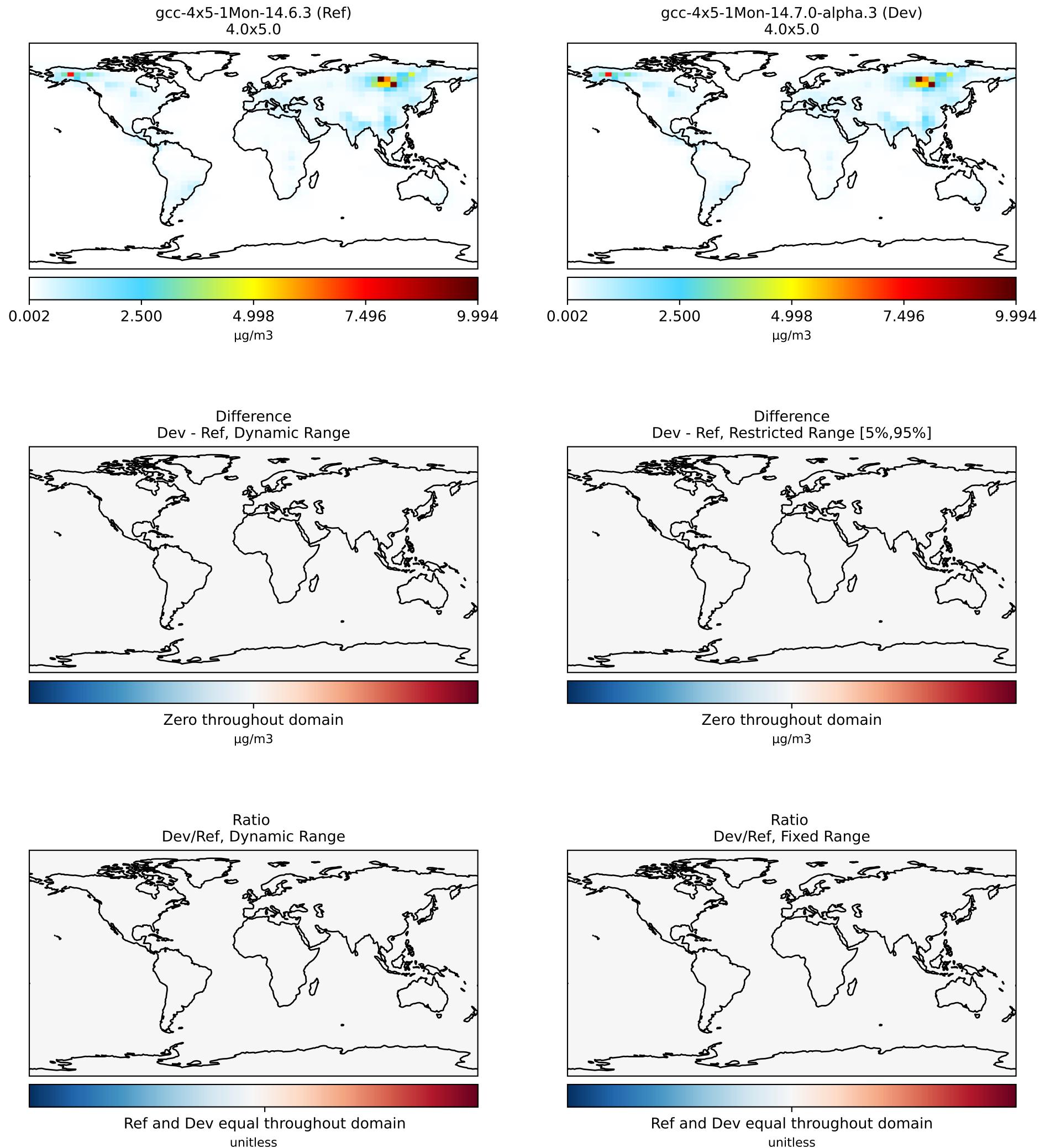
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

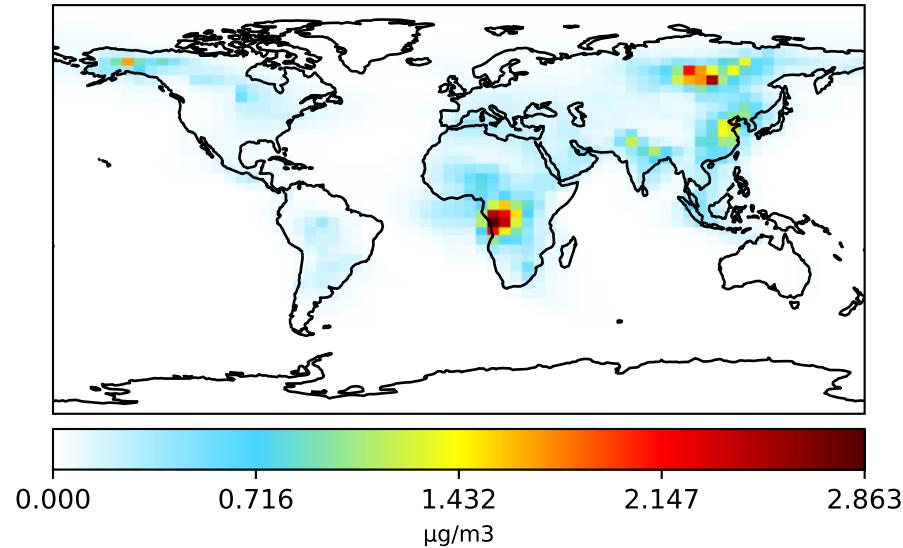


SpeciesConcVV_HMS

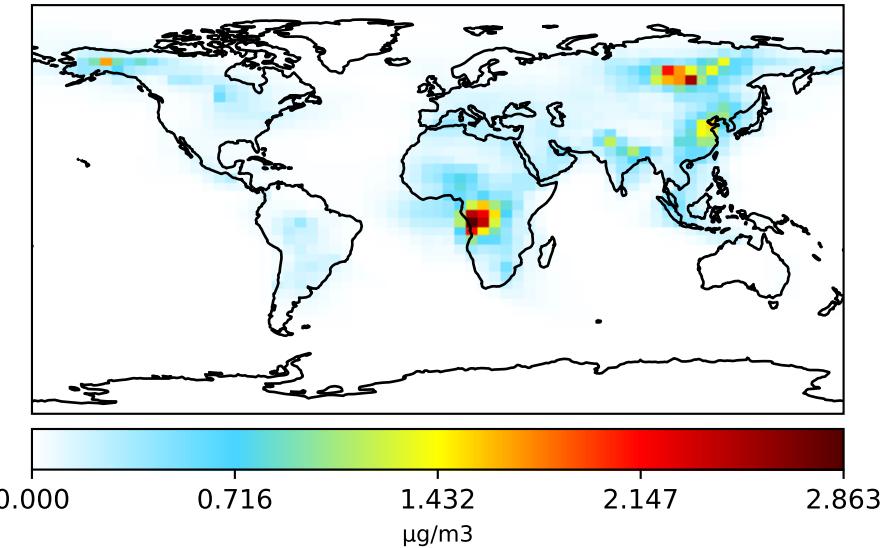


SpeciesConcVV_BCPI

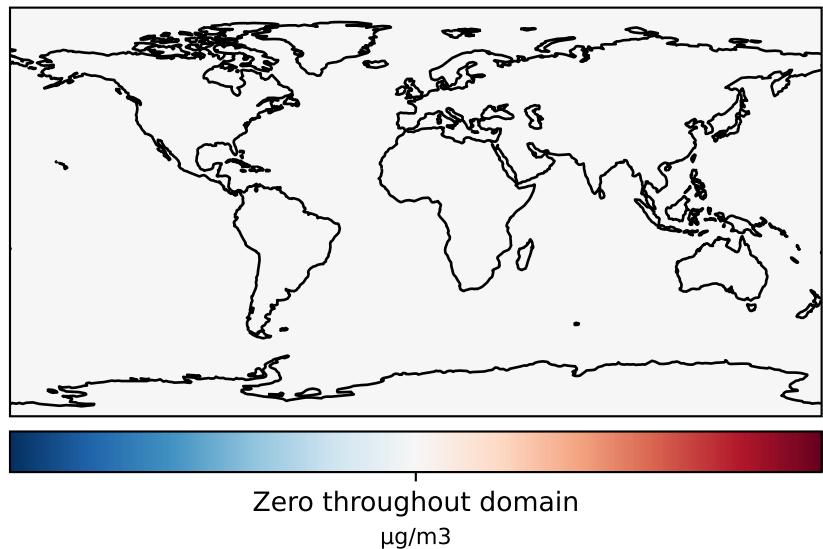
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



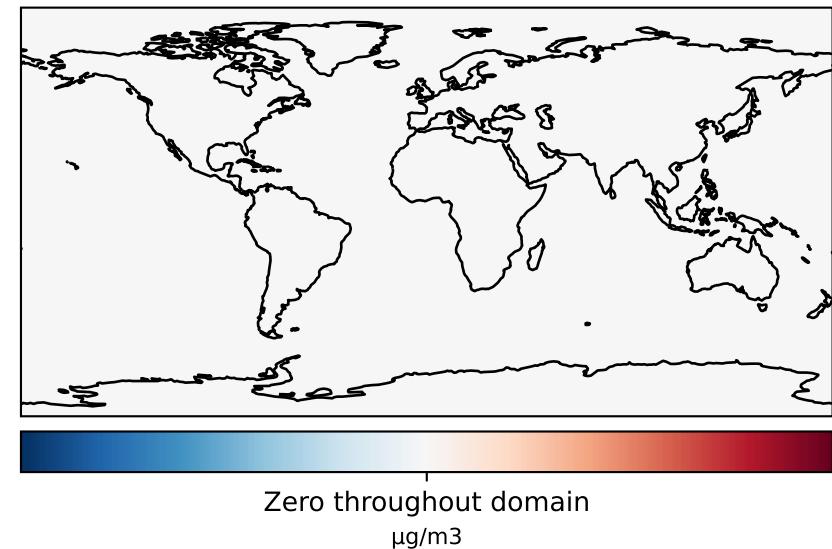
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



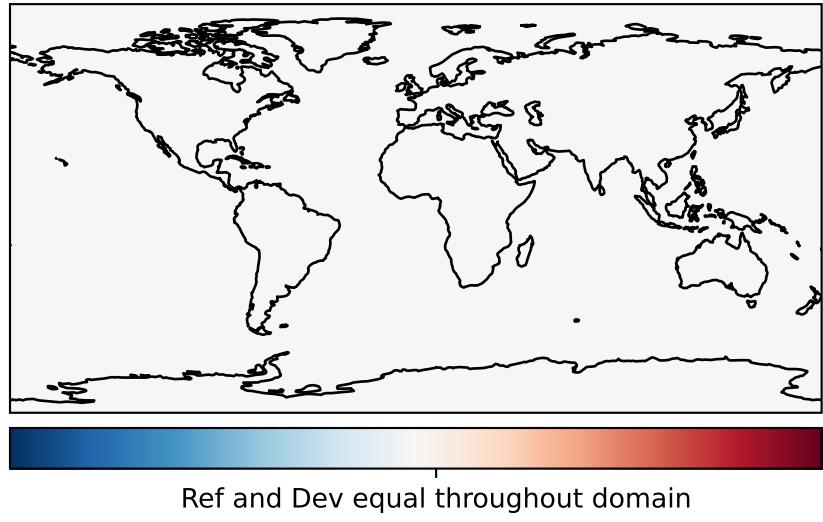
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
 $\mu\text{g}/\text{m}^3$

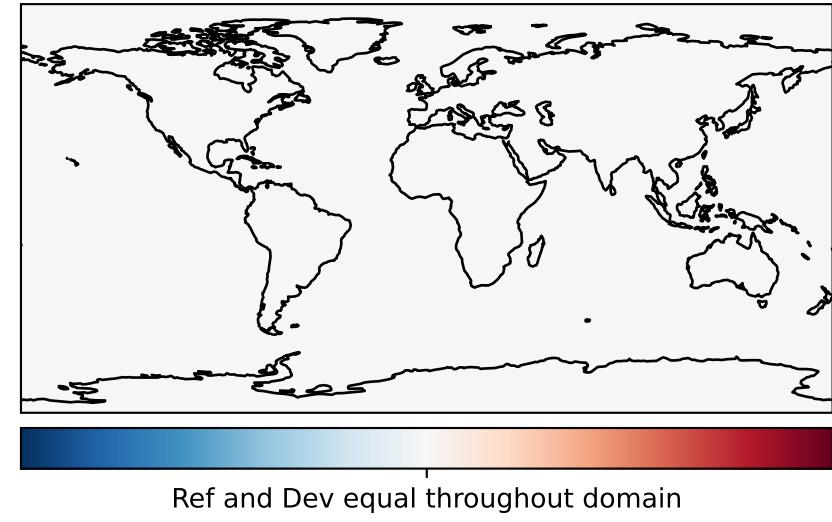
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

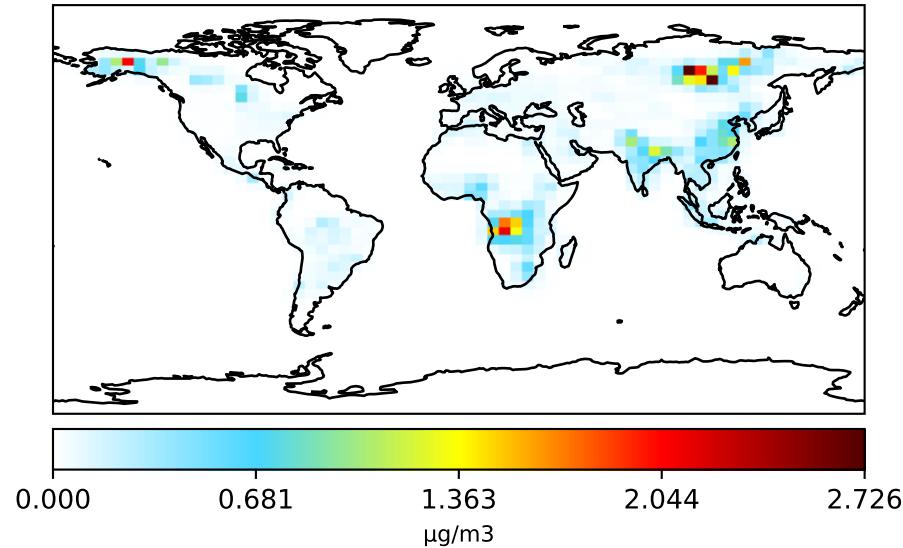
Ratio
Dev/Ref, Fixed Range



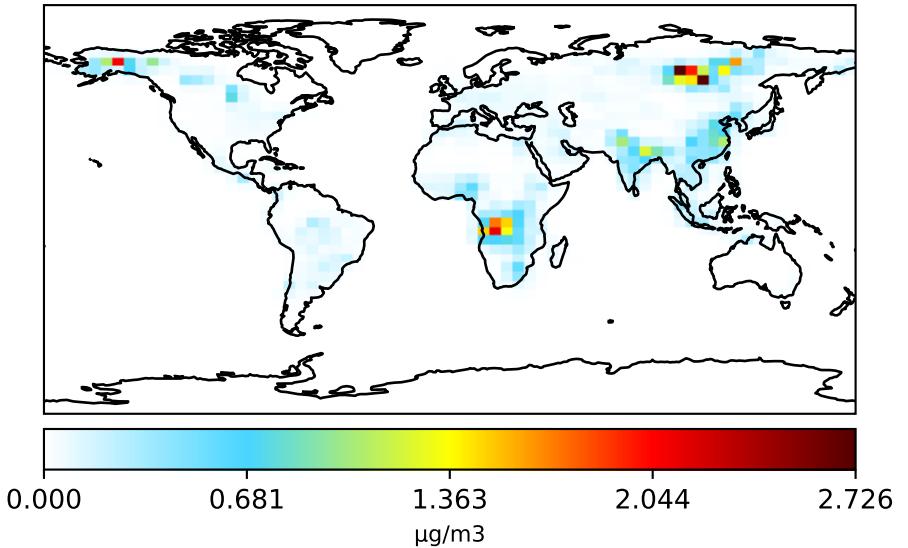
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_BCPO

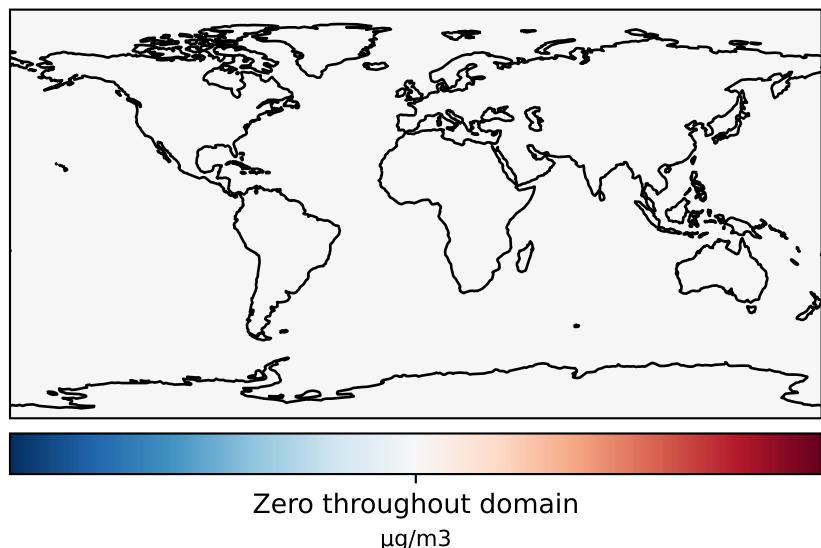
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



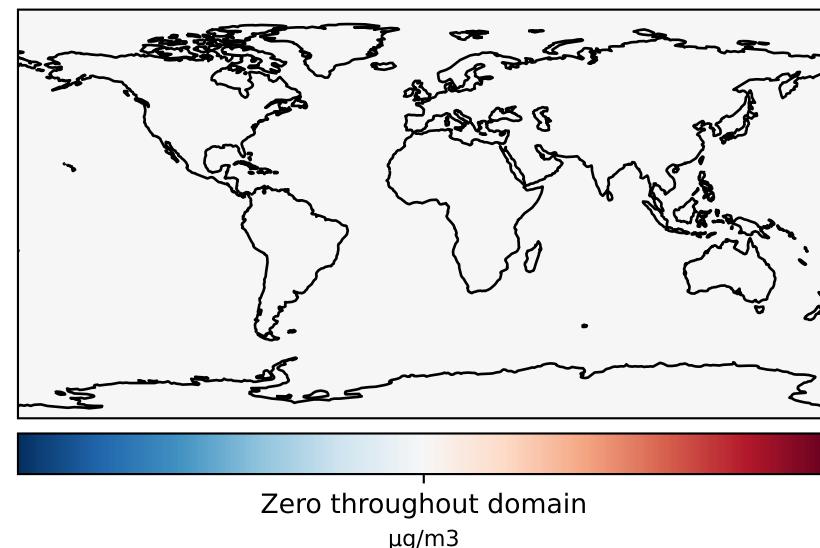
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



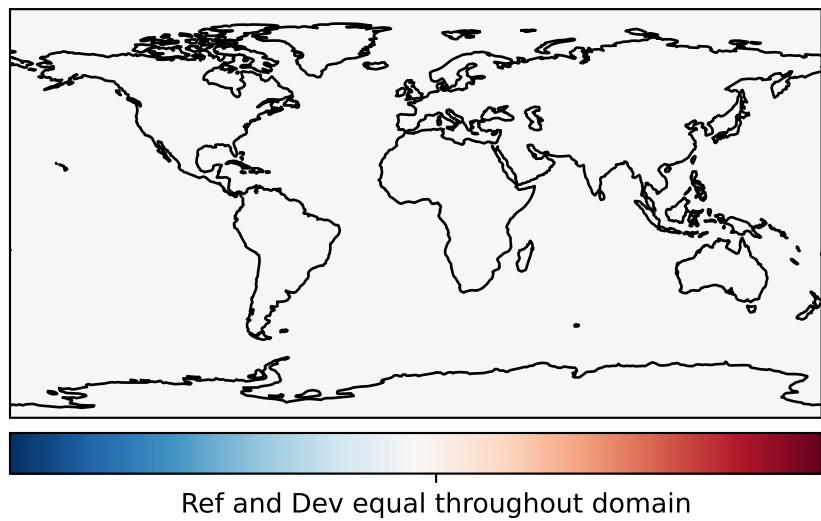
Difference
Dev - Ref, Restricted Range [5%,95%]



Zero throughout domain
μg/m³

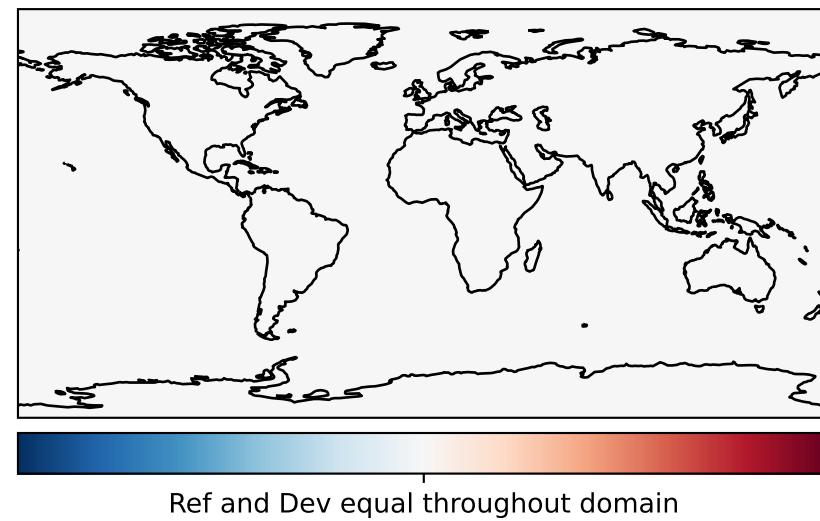
Zero throughout domain
μg/m³

Ratio
Dev/Ref, Dynamic Range



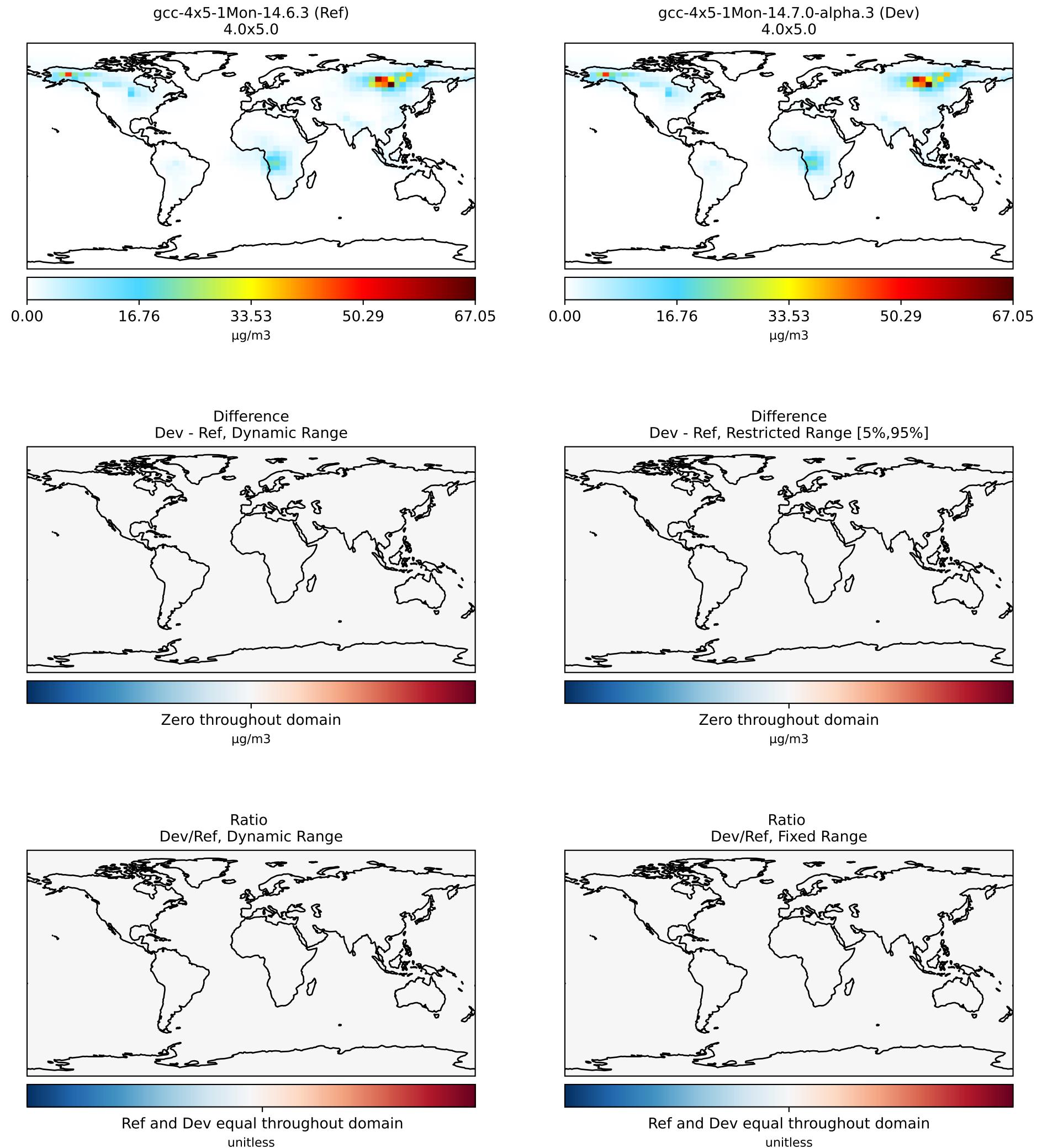
Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



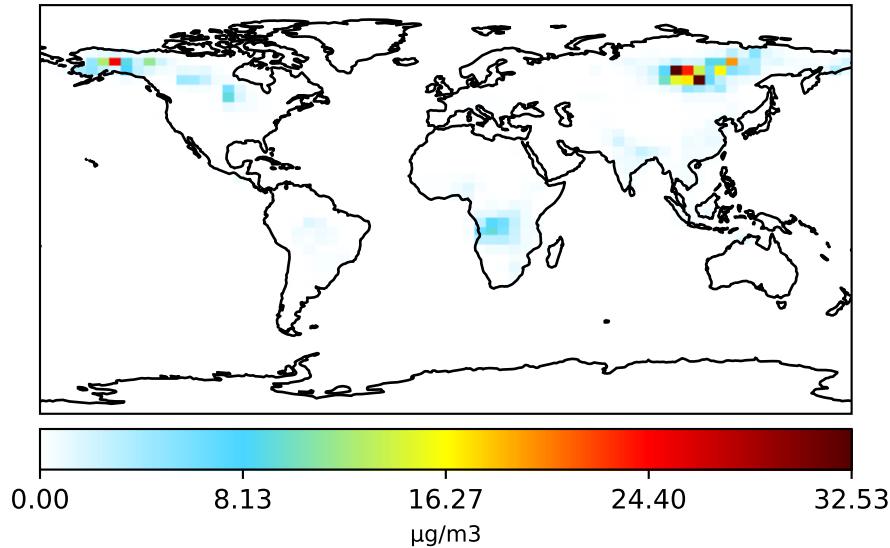
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_OCPI

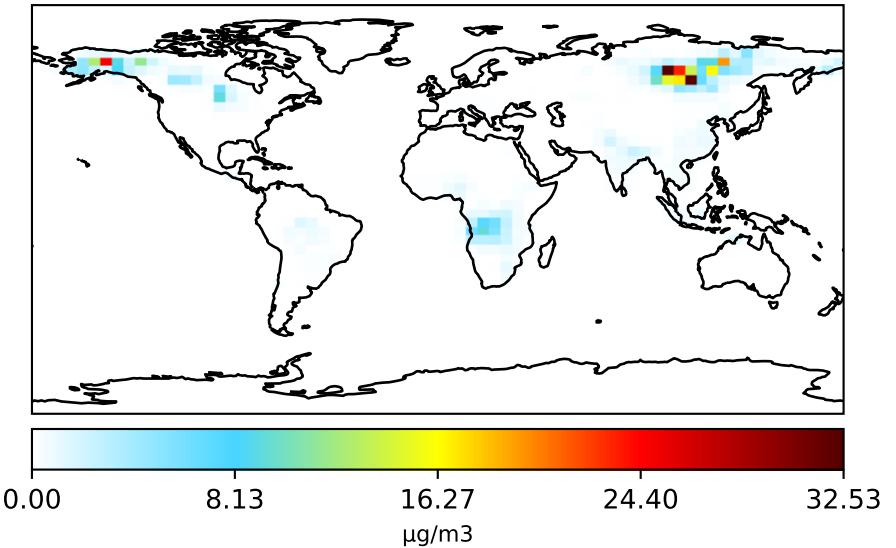


SpeciesConcVV_OCPO

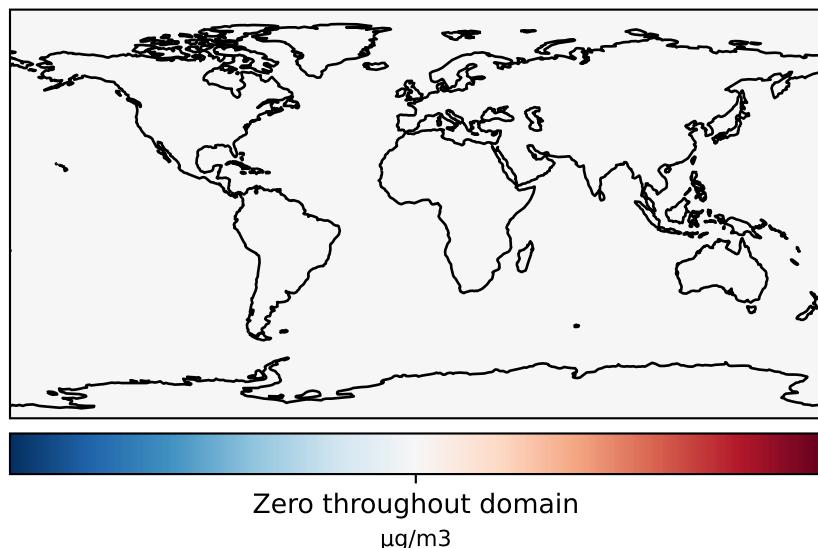
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



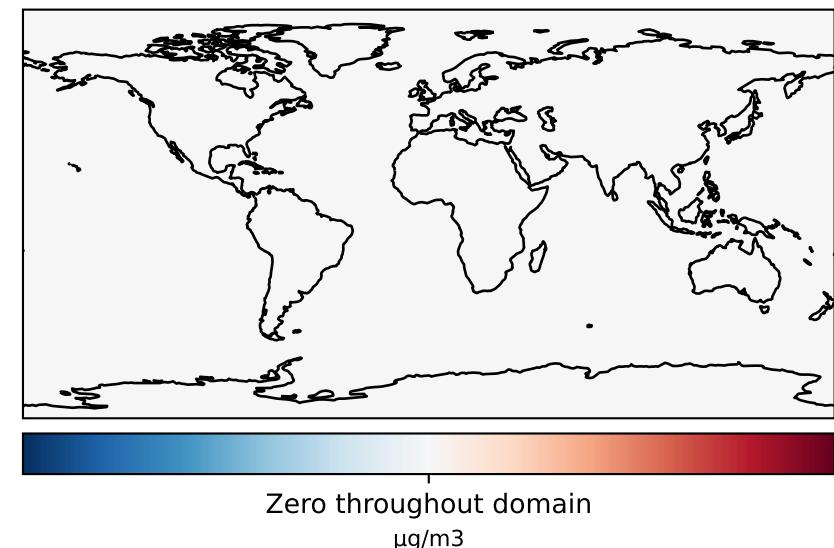
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



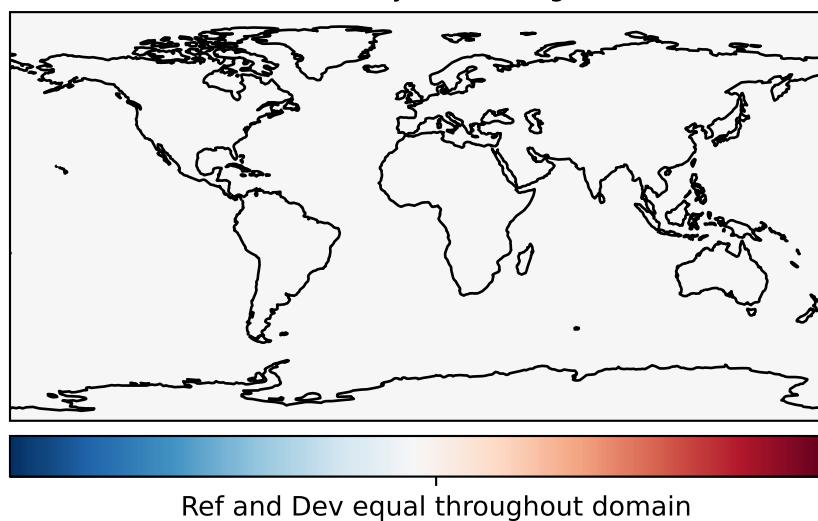
Difference
Dev - Ref, Dynamic Range



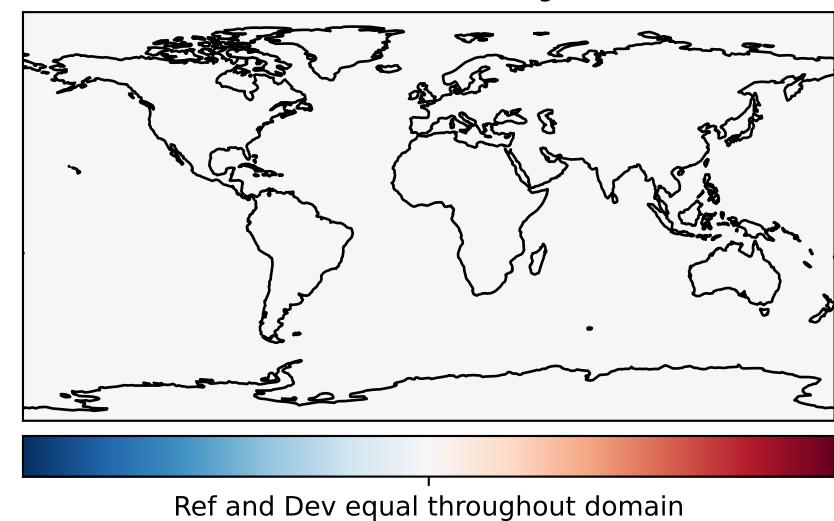
Difference
Dev - Ref, Restricted Range [5%,95%]



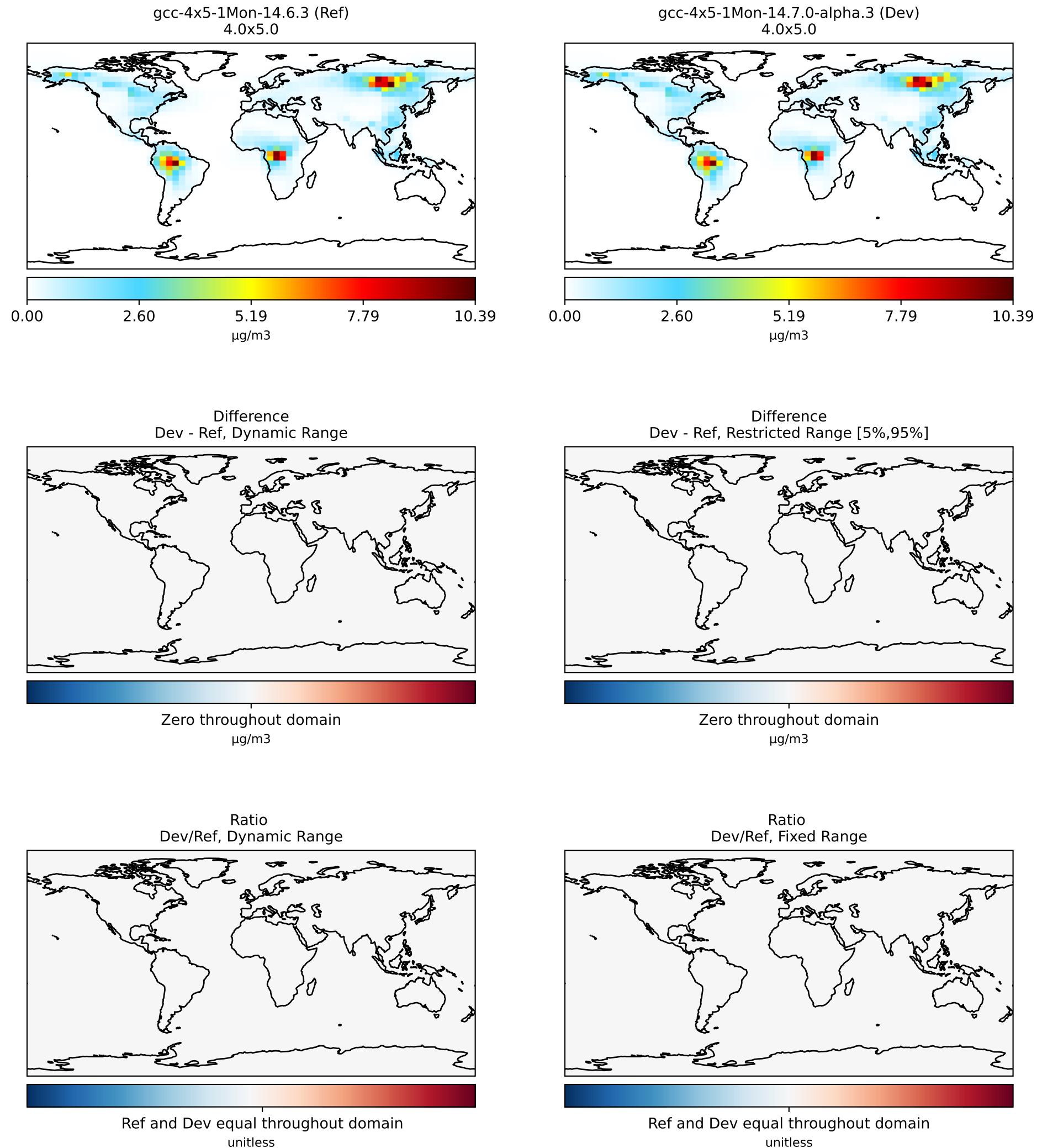
Ratio
Dev/Ref, Dynamic Range



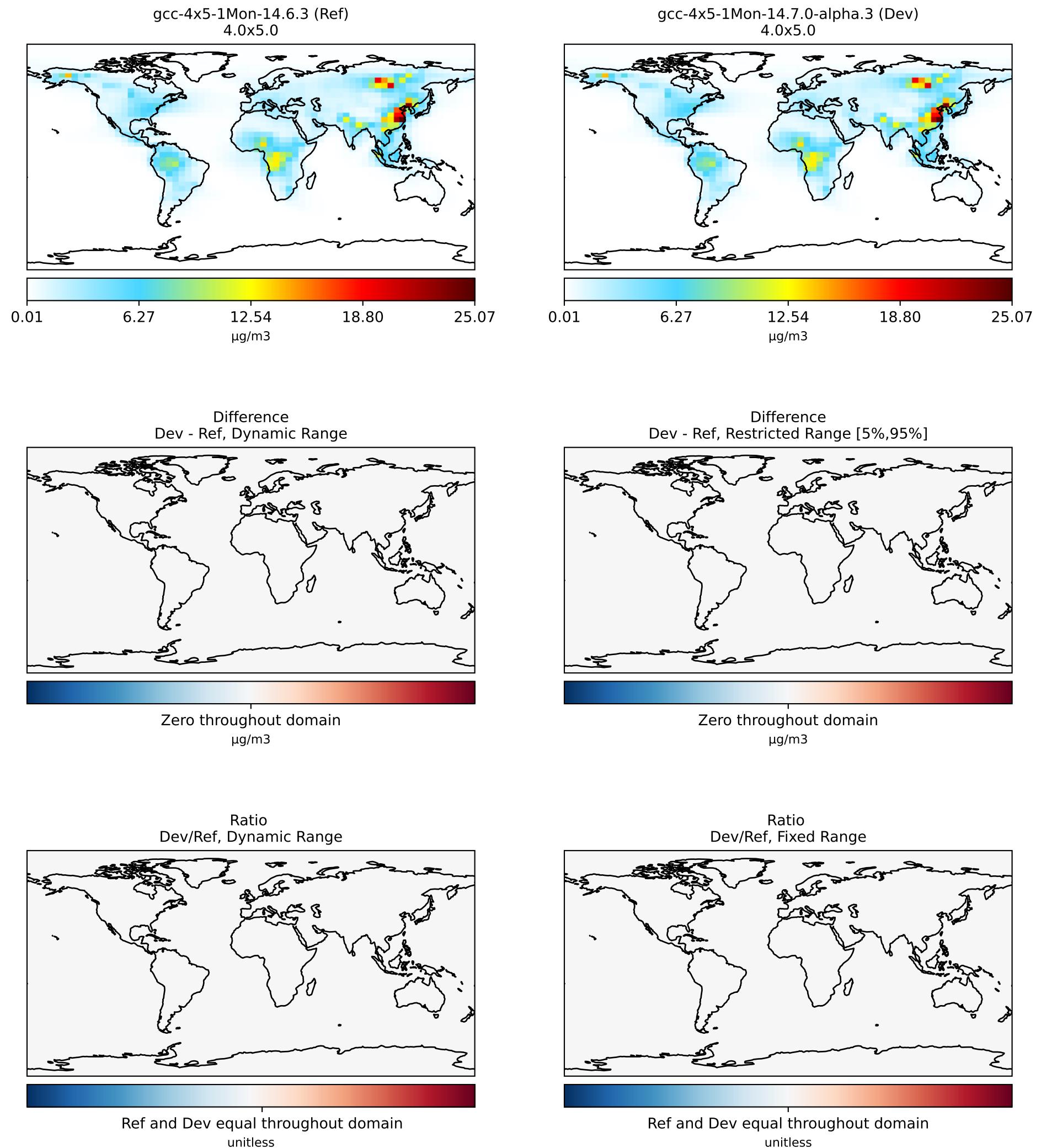
Ratio
Dev/Ref, Fixed Range



SpeciesConcVV_Complex_SOA

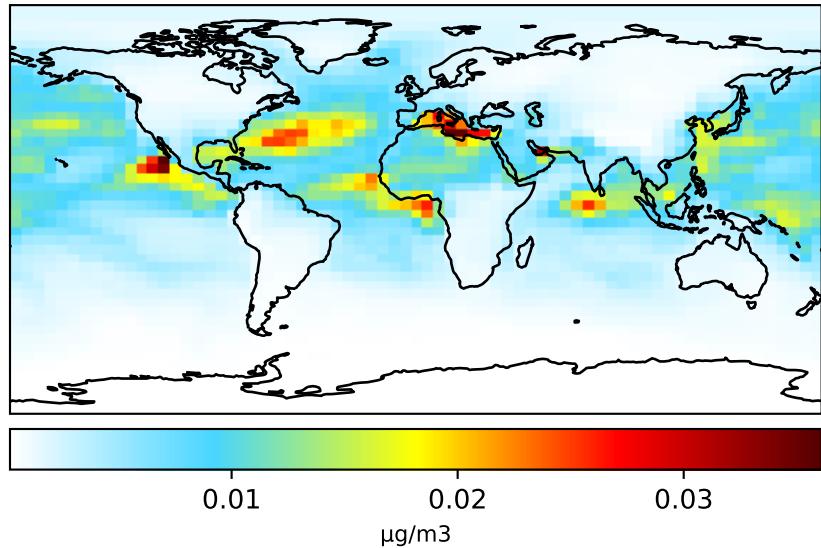


SpeciesConcVV_Simple_SOA

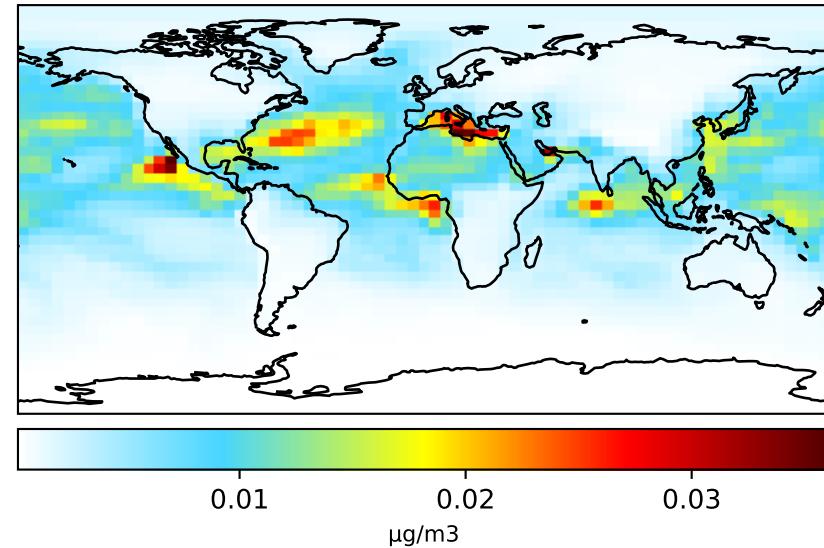


SpeciesConcVV_AERI

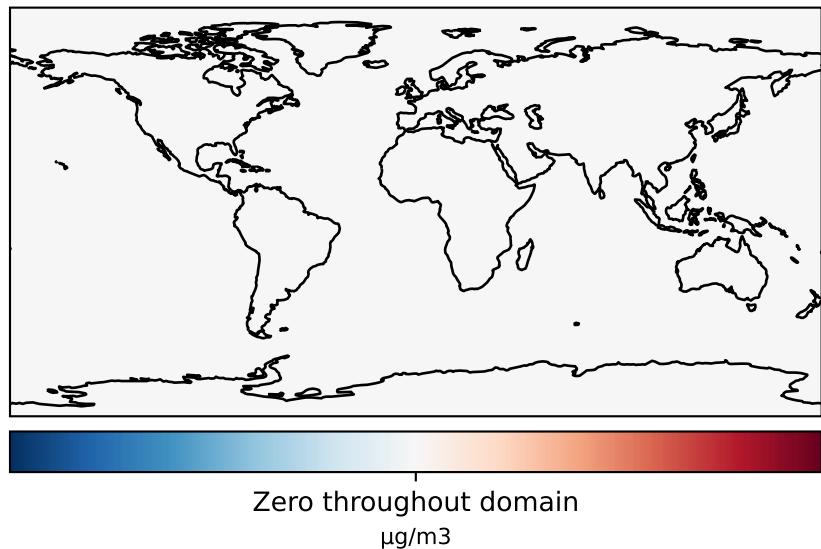
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



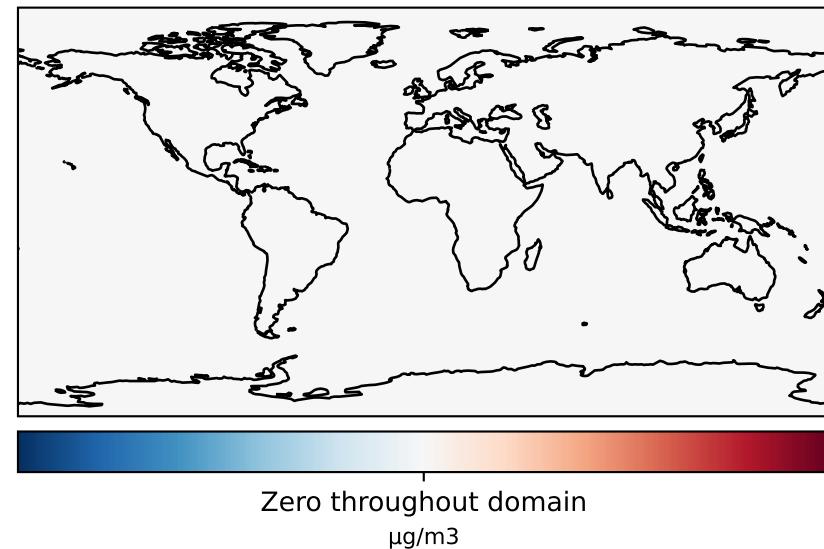
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



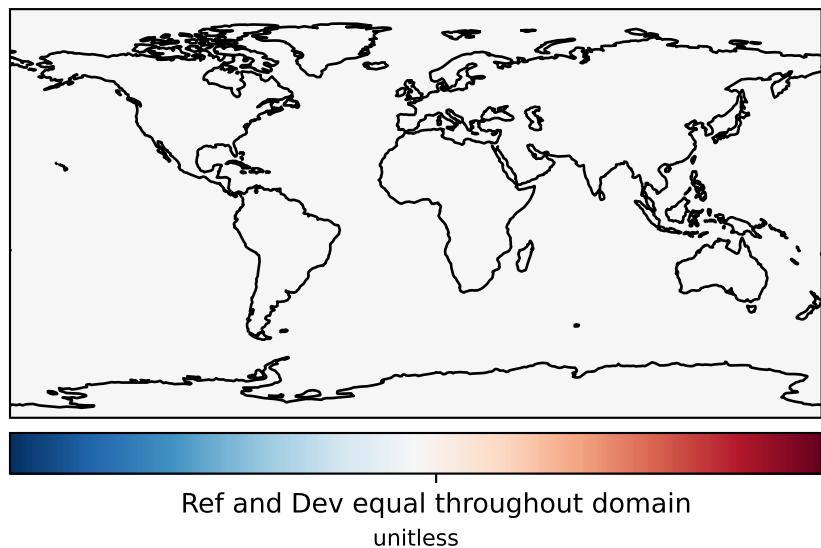
Difference
Dev - Ref, Dynamic Range



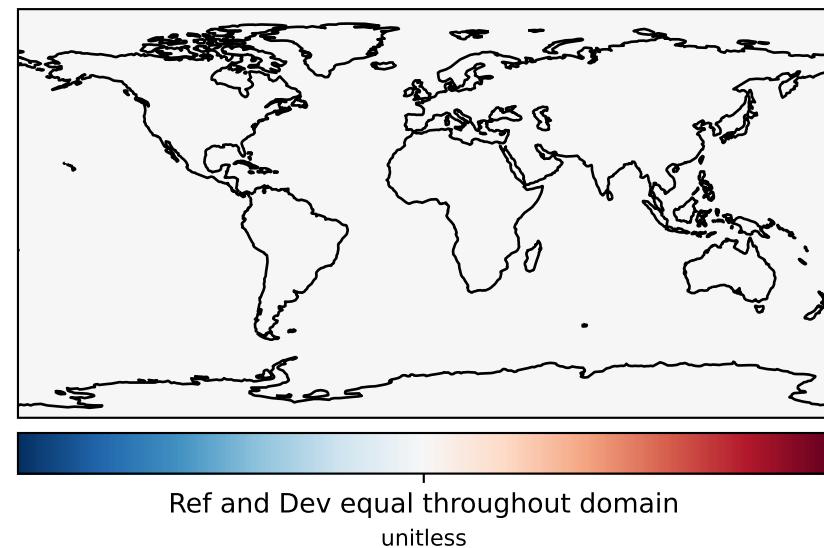
Difference
Dev - Ref, Restricted Range [5%, 95%]



Ratio
Dev/Ref, Dynamic Range

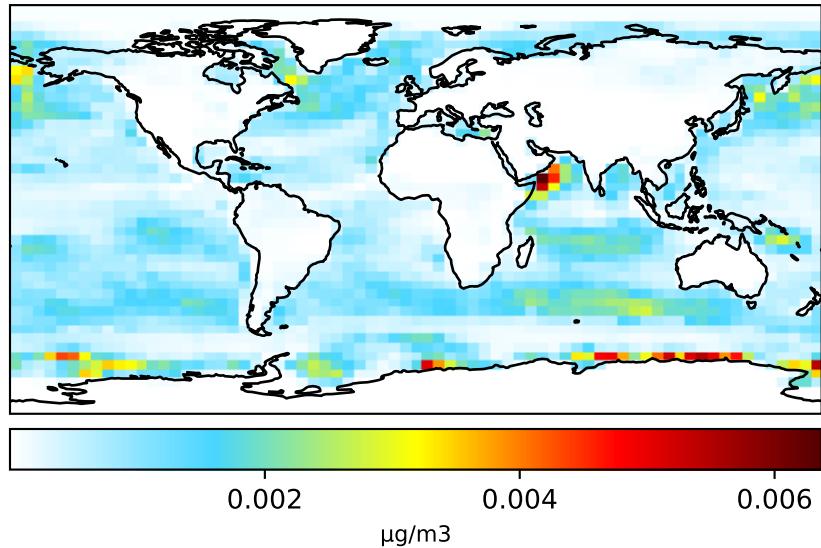


Ratio
Dev/Ref, Fixed Range

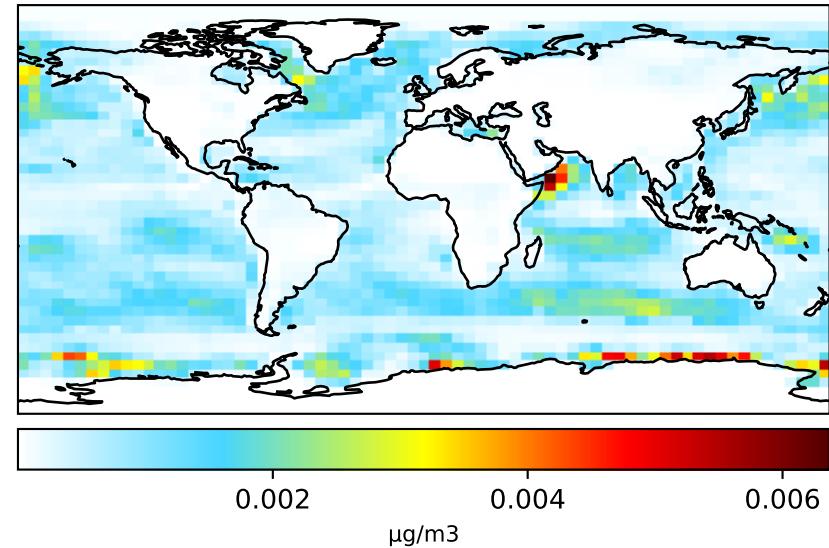


SpeciesConcVV_BrSALA

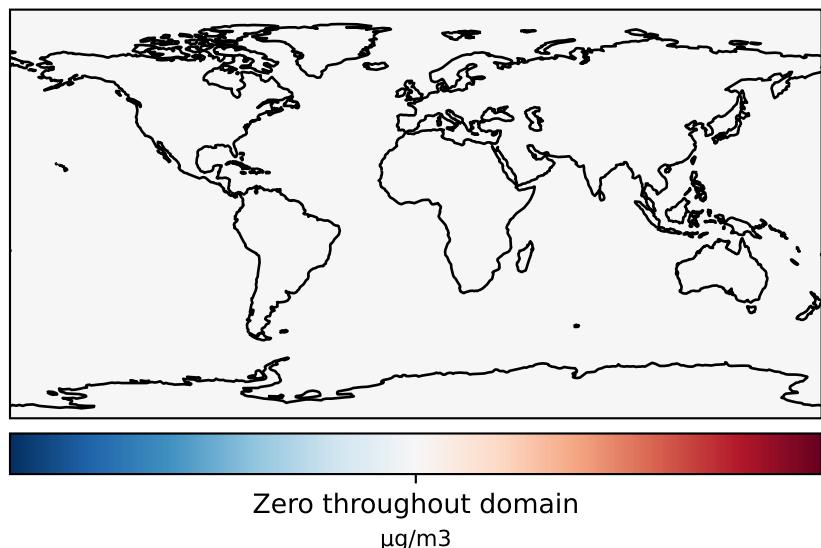
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0

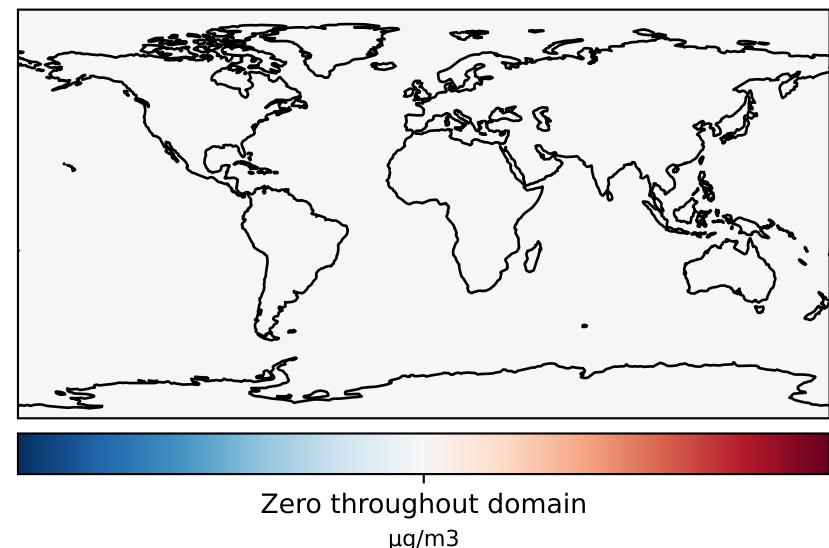


Difference
Dev - Ref, Dynamic Range



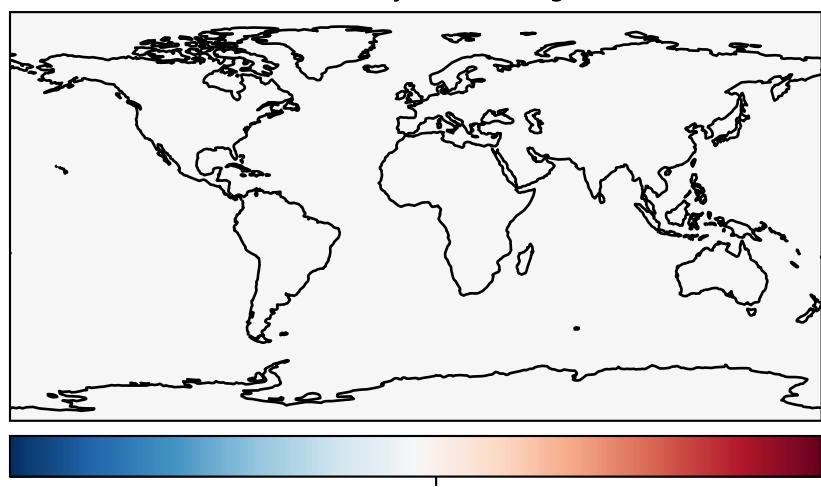
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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



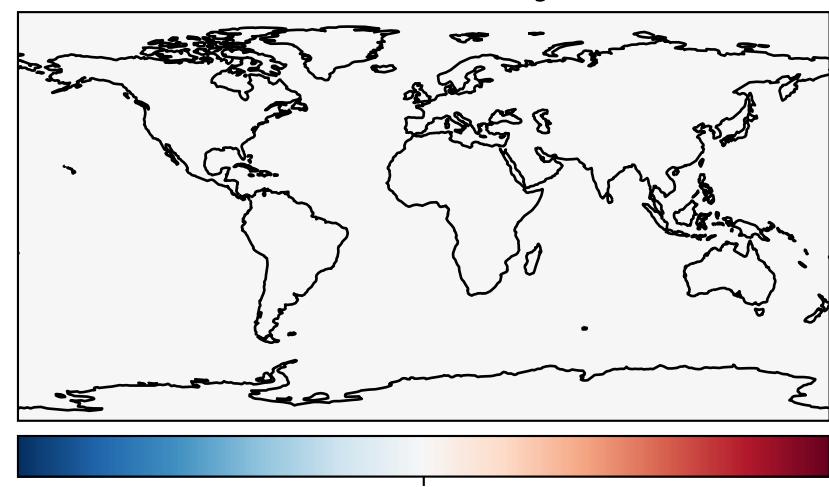
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

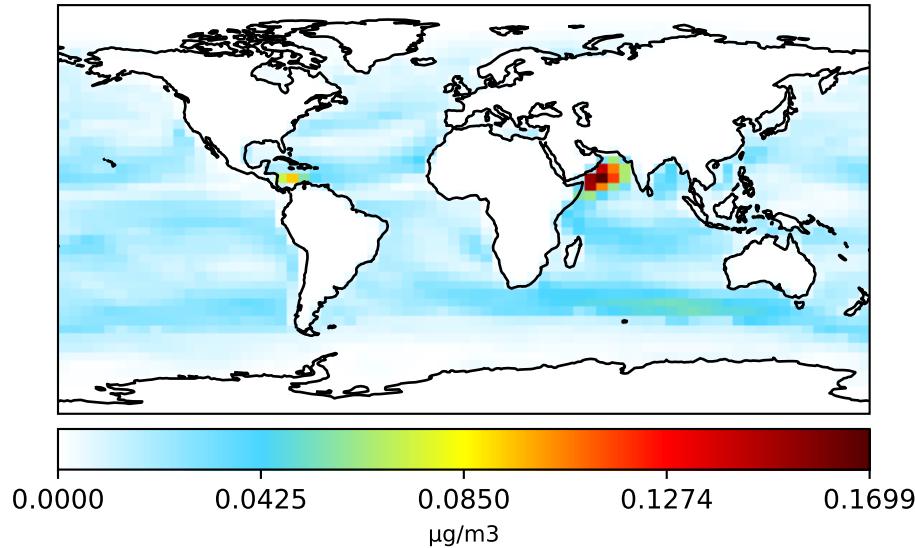
Ratio
Dev/Ref, Fixed Range



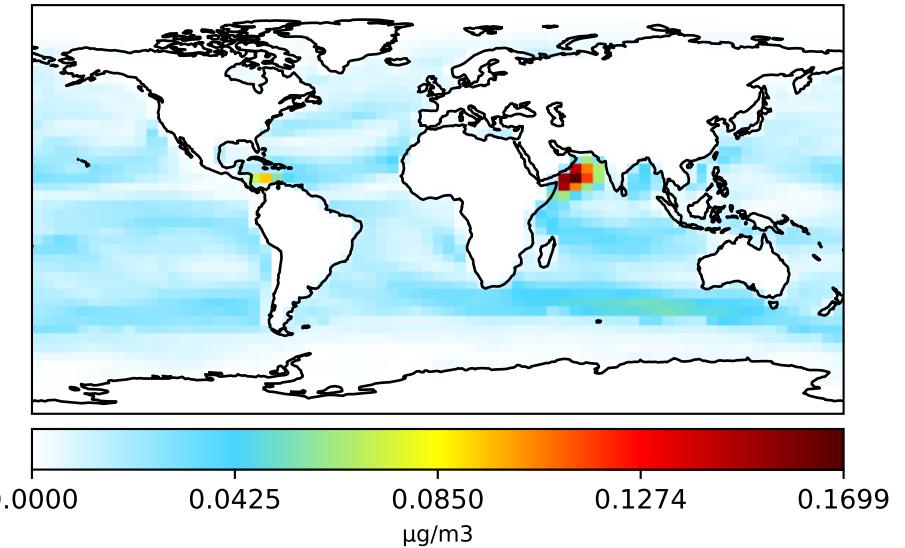
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_BrSALC

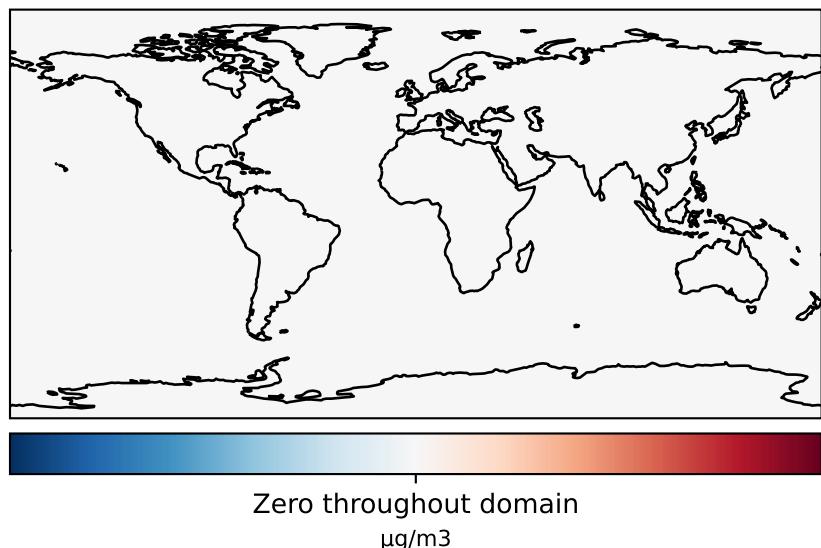
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



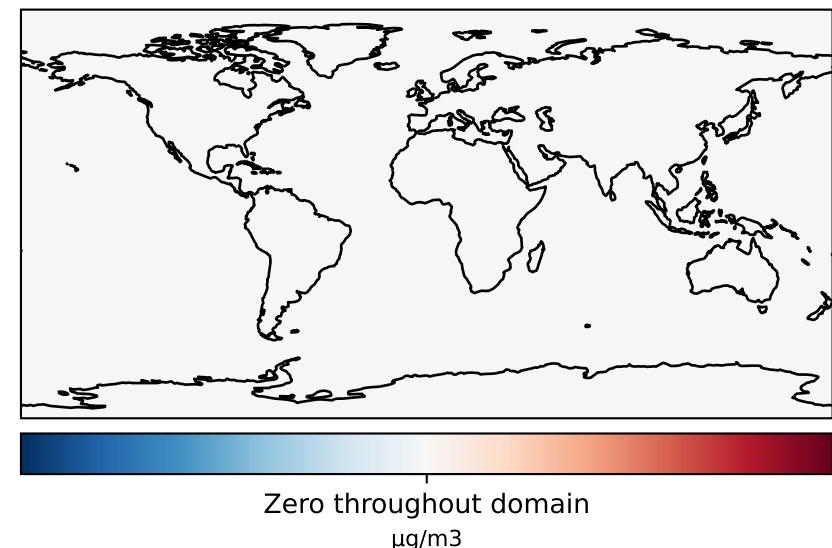
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



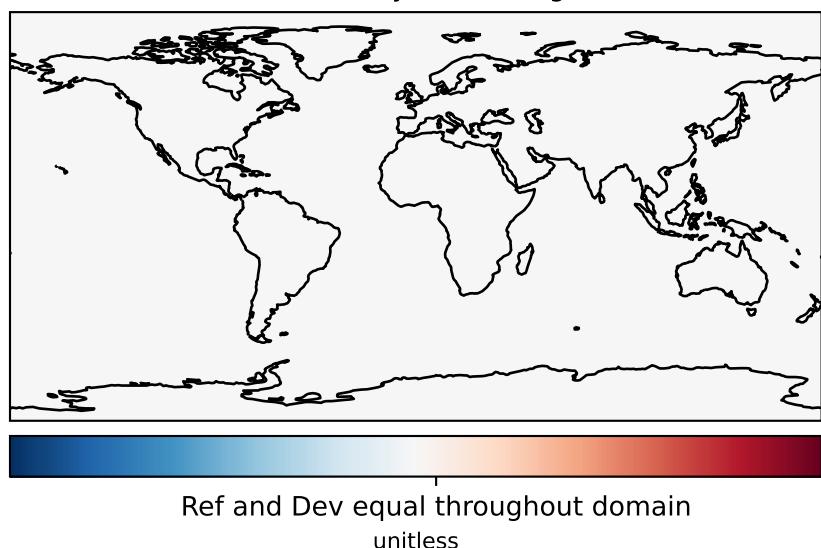
Difference
Dev - Ref, Dynamic Range



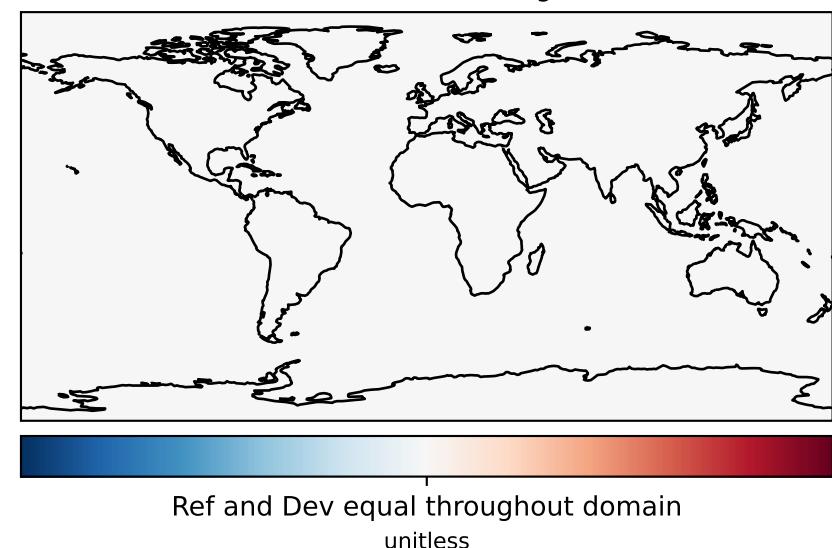
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

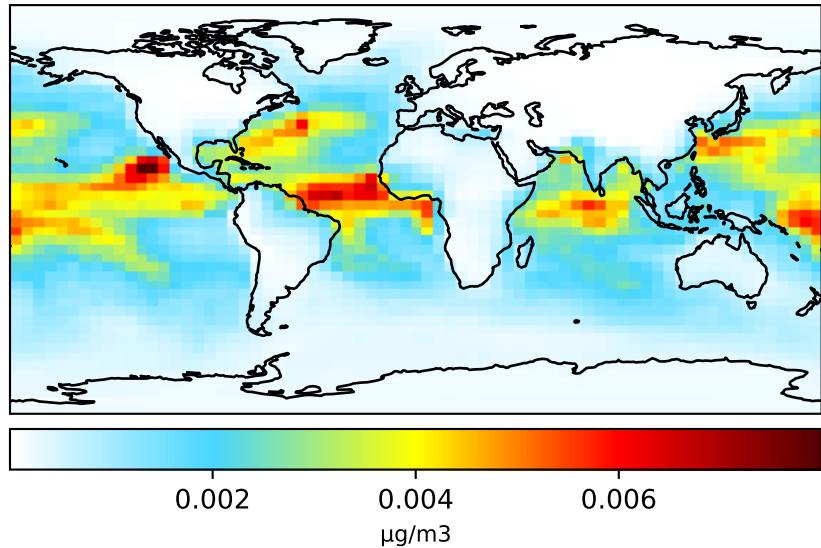


Ratio
Dev/Ref, Fixed Range

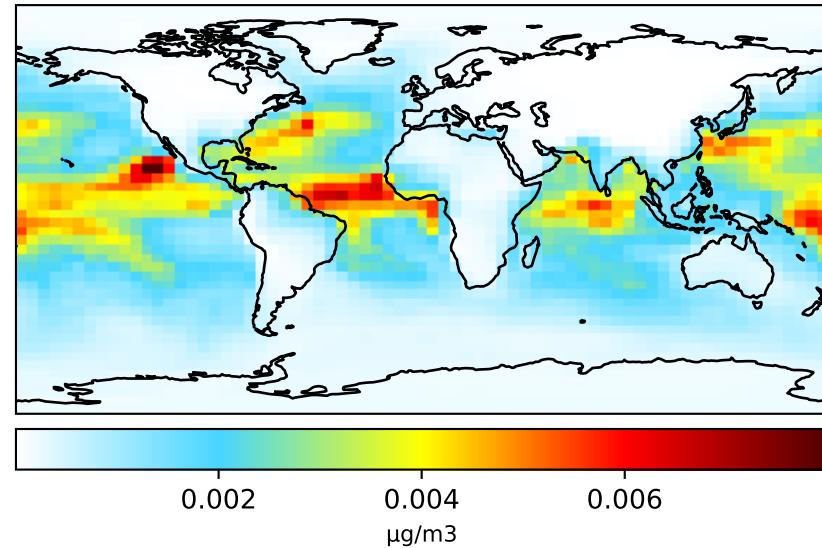


SpeciesConcVV_ISALA

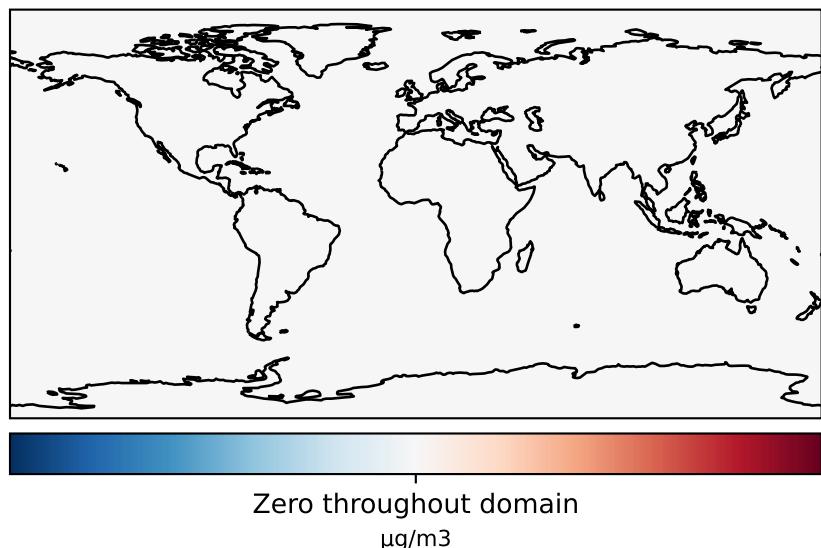
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



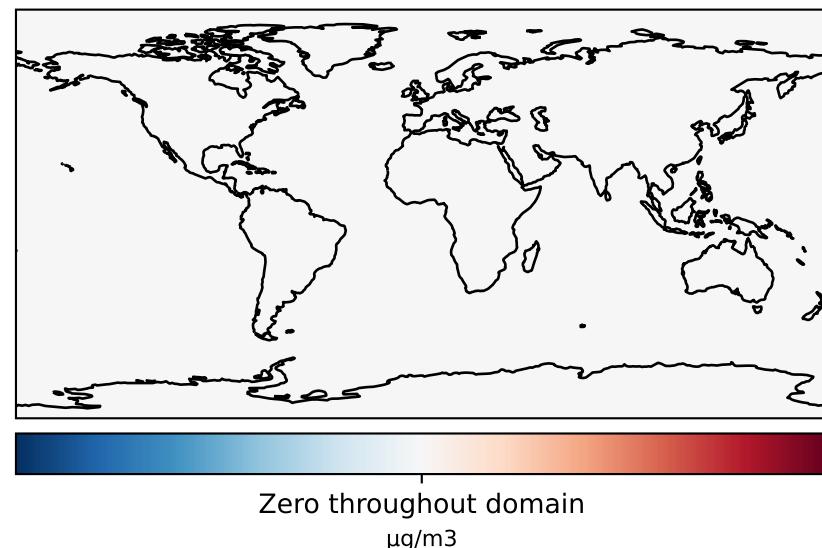
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



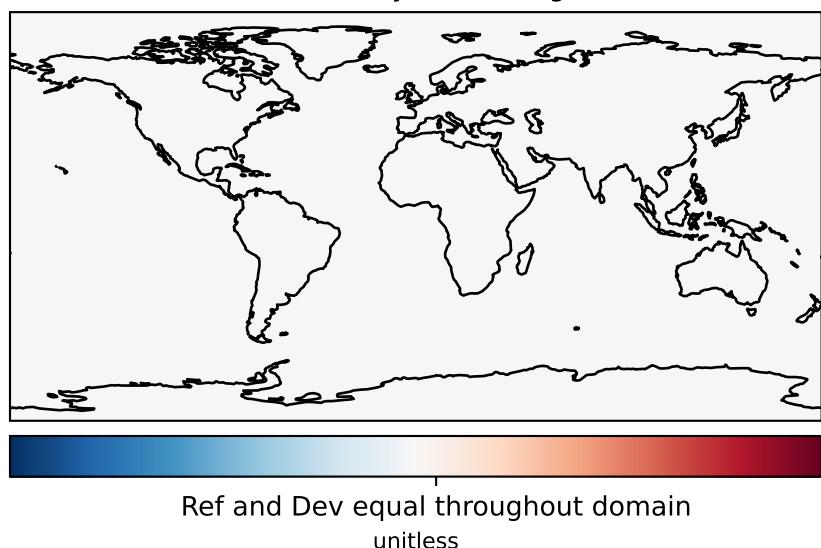
Difference
Dev - Ref, Dynamic Range



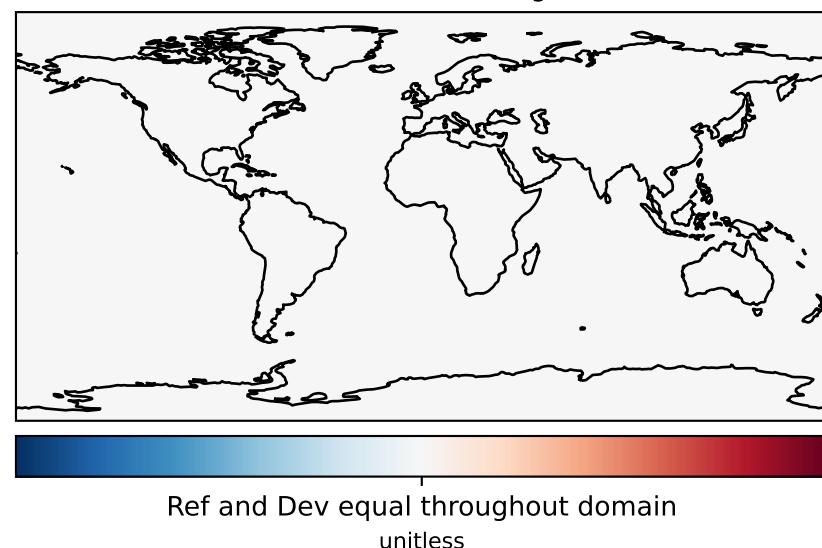
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

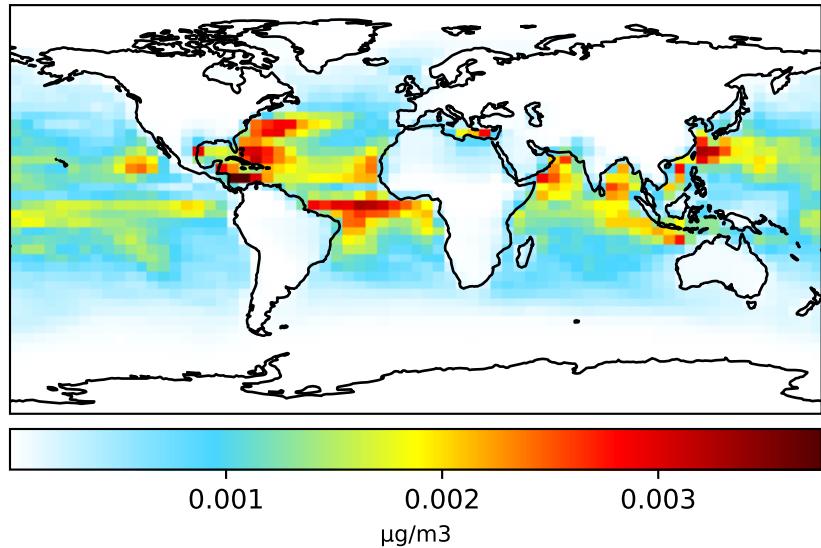


Ratio
Dev/Ref, Fixed Range

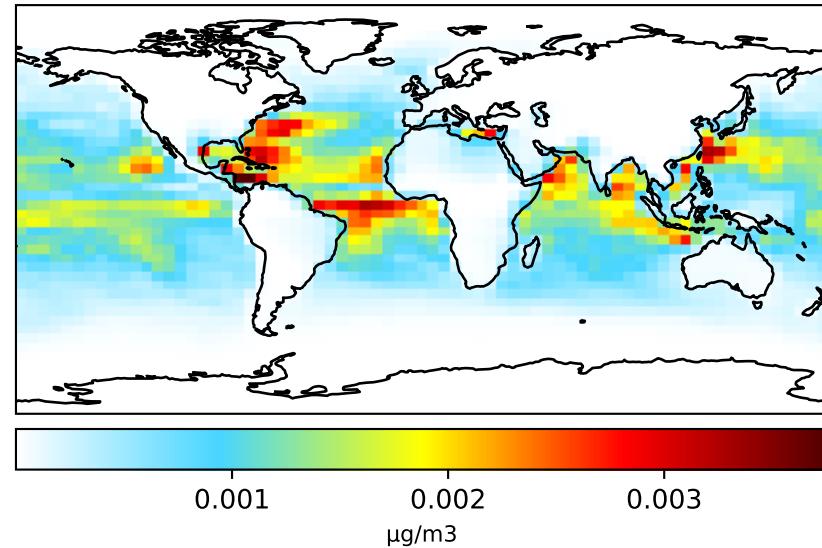


SpeciesConcVV_ISALC

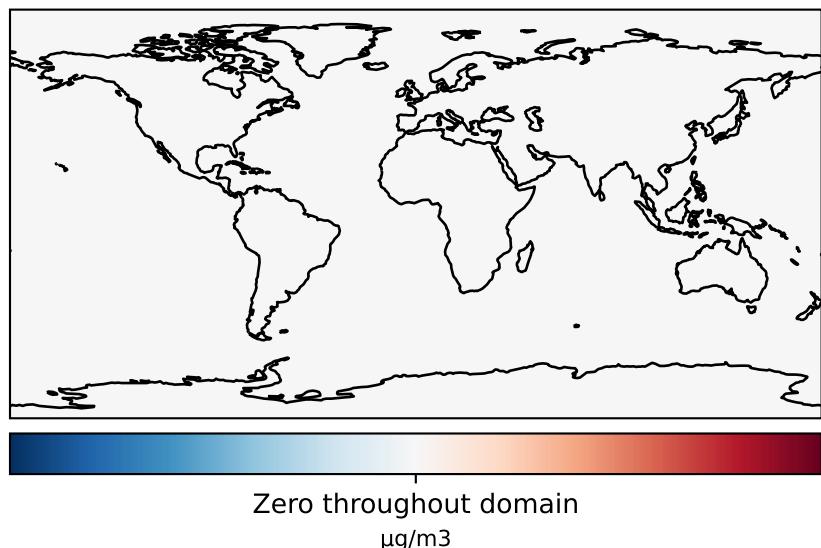
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



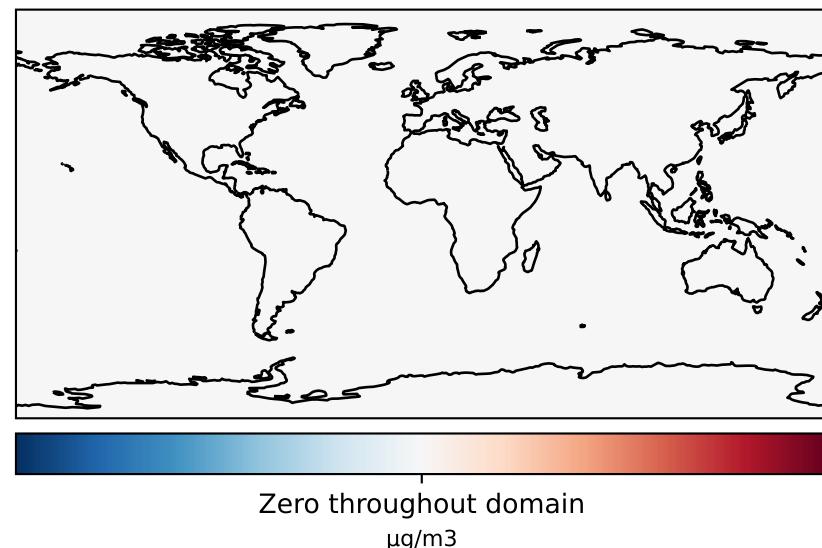
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



Difference
Dev - Ref, Dynamic Range



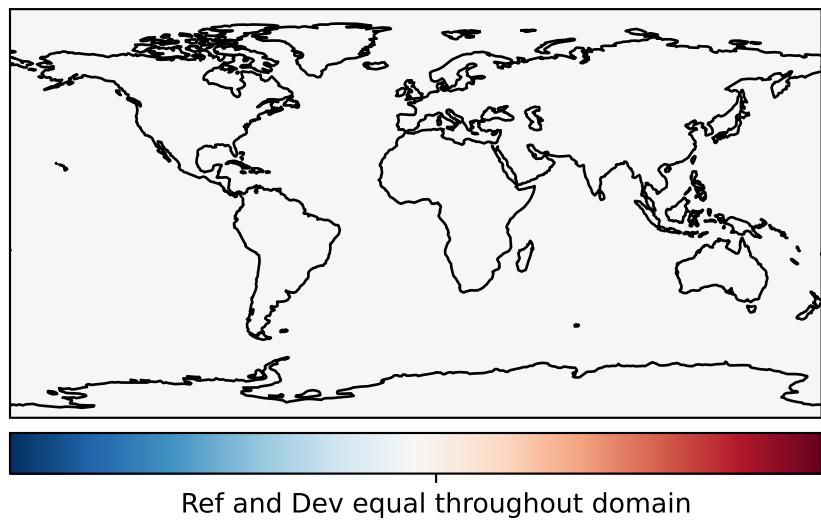
Difference
Dev - Ref, Restricted Range [5%, 95%]



Zero throughout domain
 $\mu\text{g}/\text{m}^3$

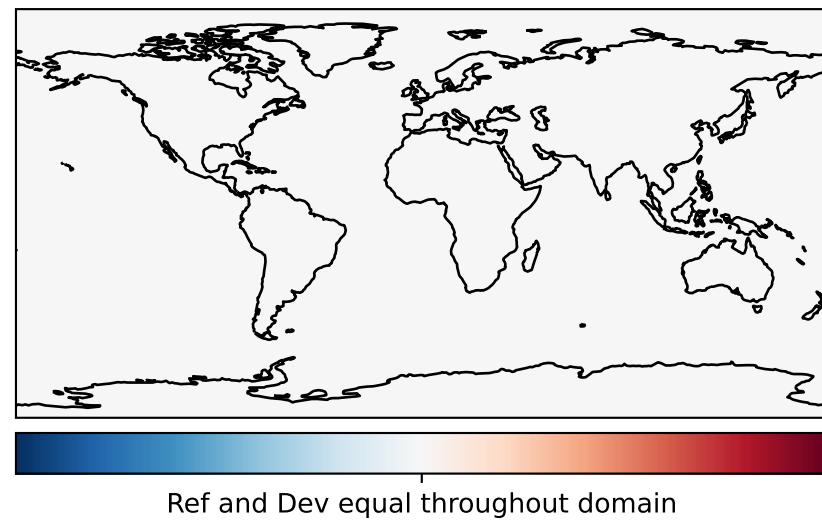
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

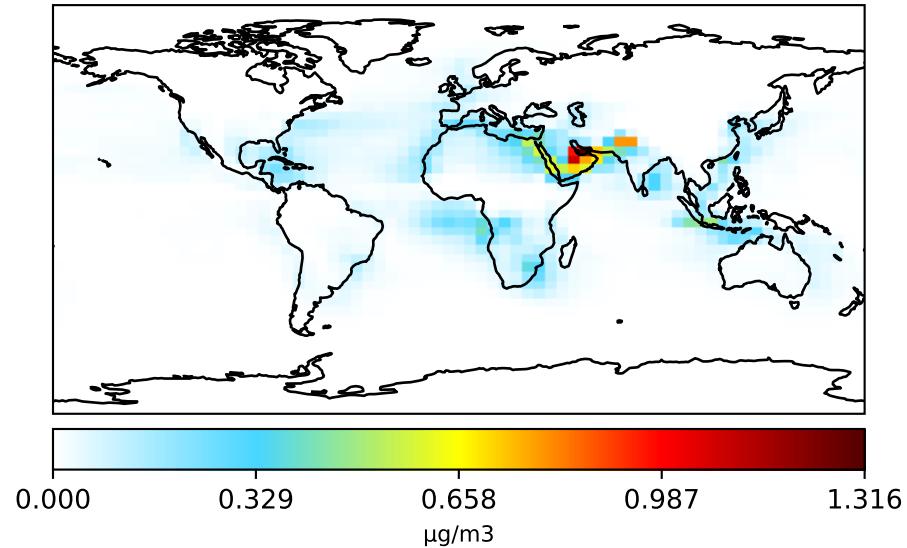
Ratio
Dev/Ref, Fixed Range



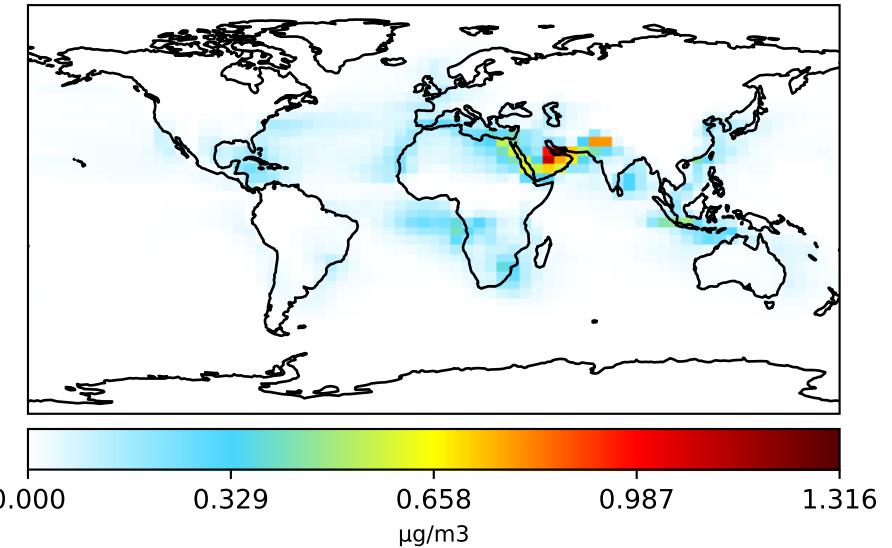
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_NITs

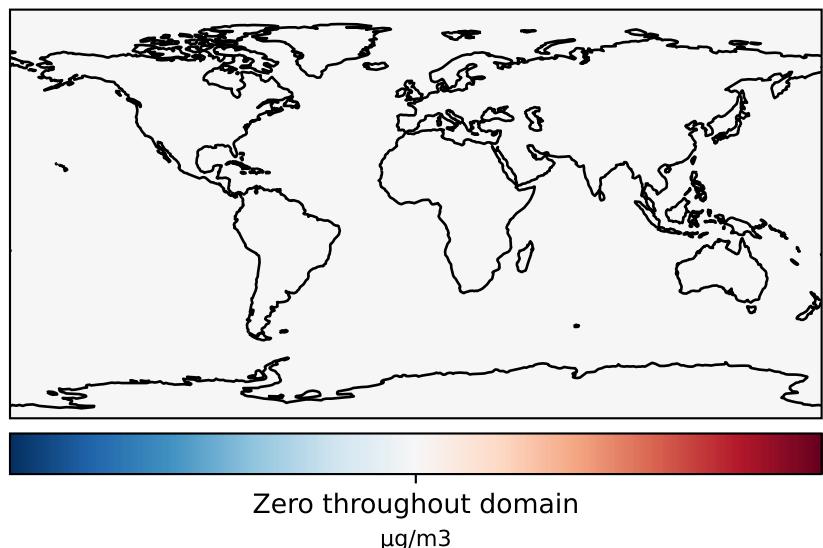
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



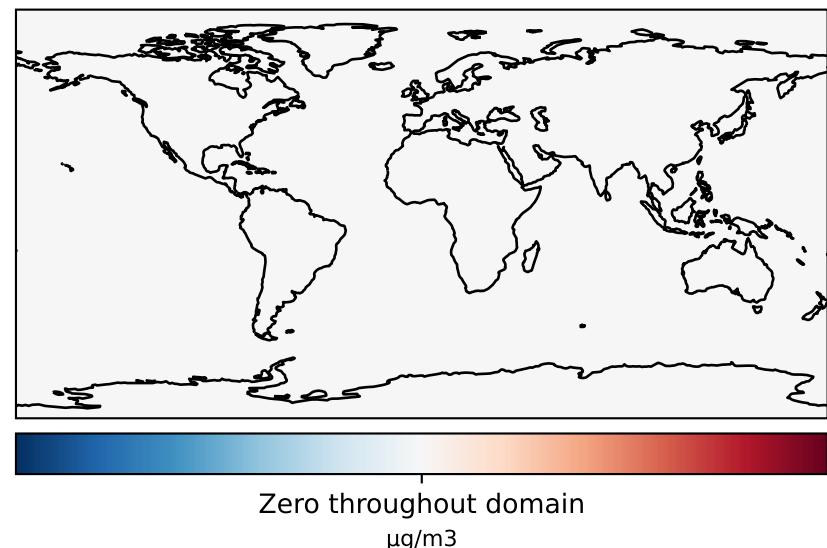
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



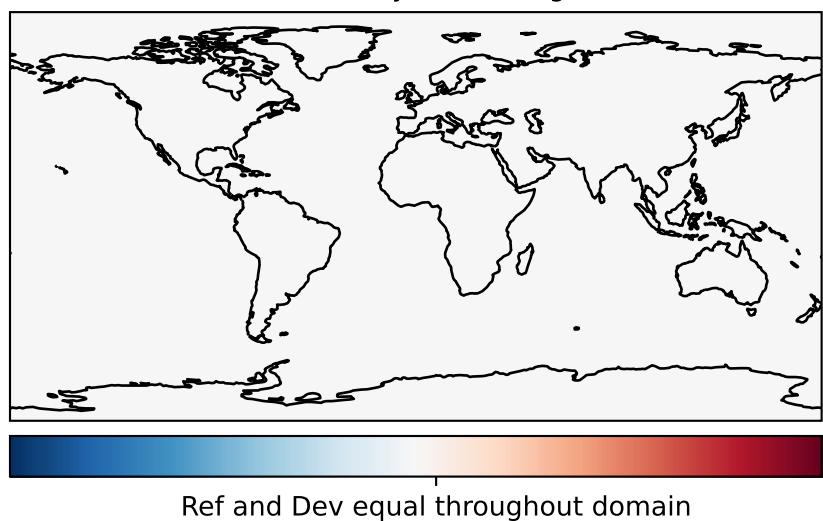
Difference
Dev - Ref, Dynamic Range



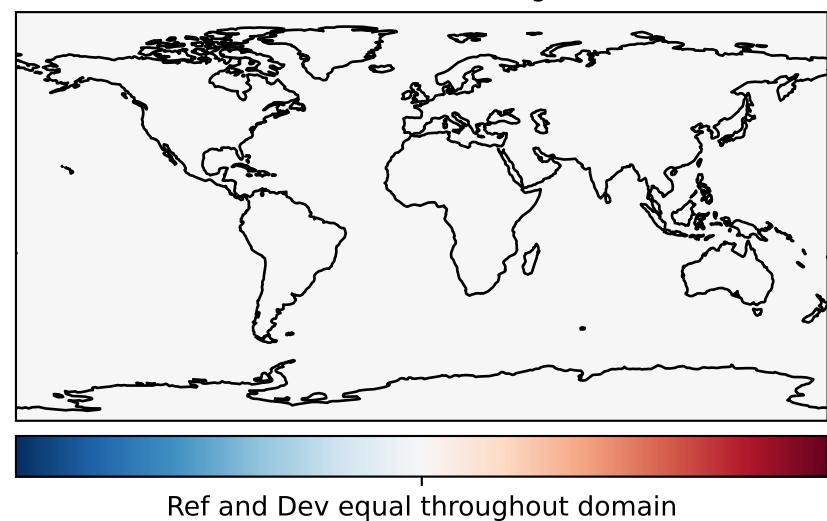
Difference
Dev - Ref, Restricted Range [5%,95%]



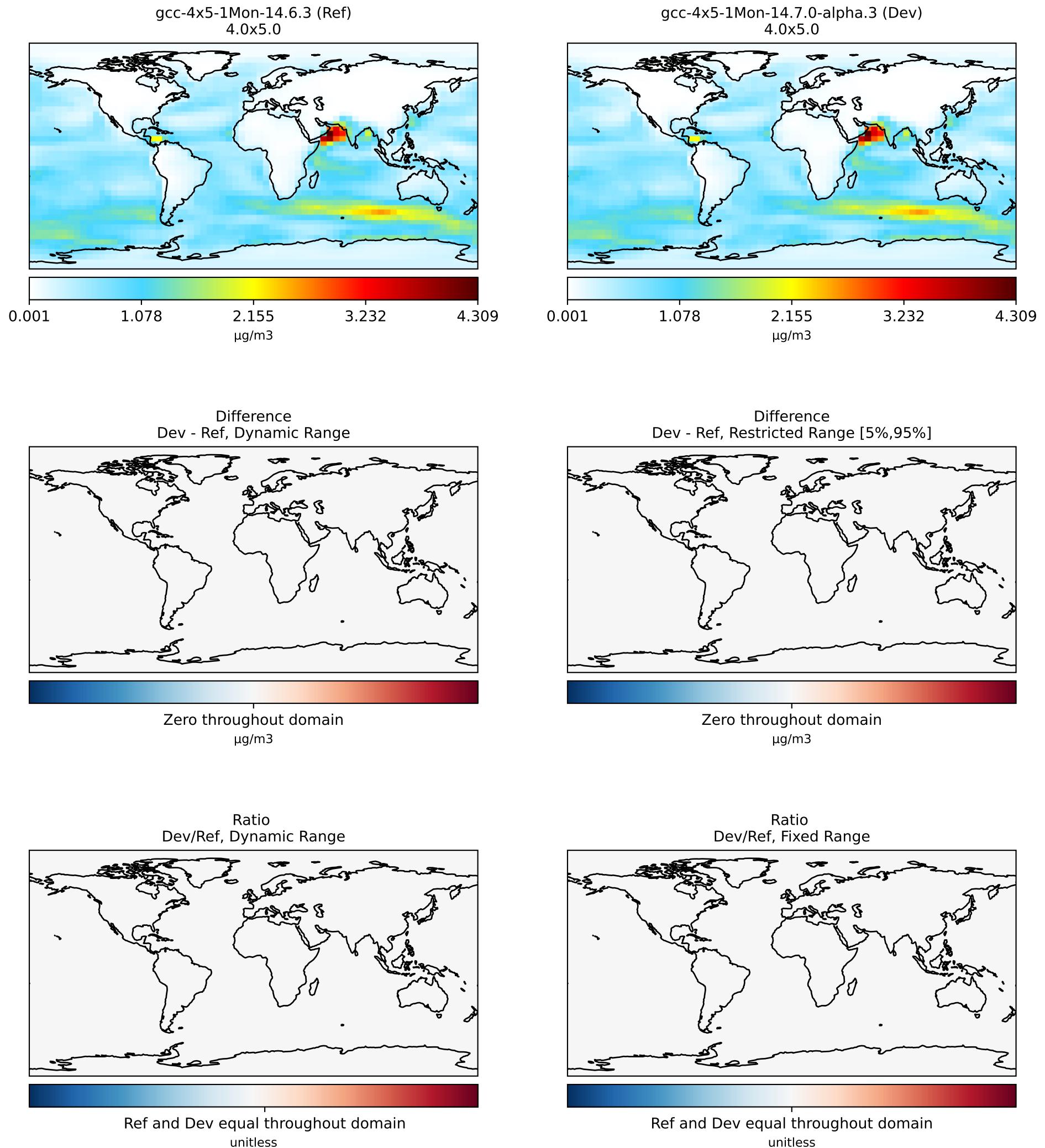
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

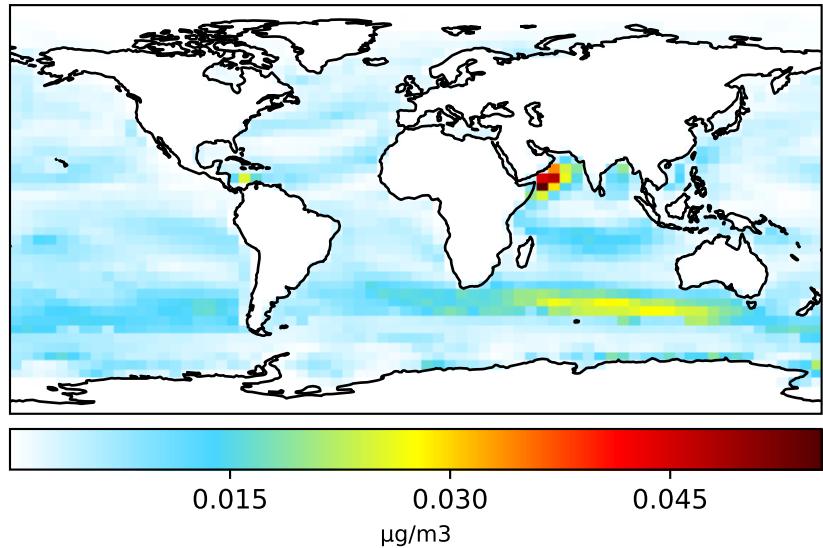


SpeciesConcVV_SALA

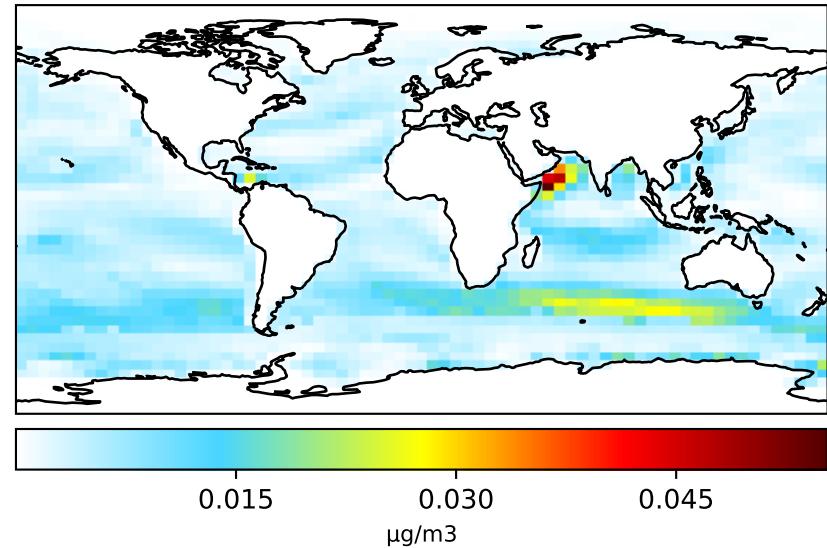


SpeciesConcVV_SALAAL

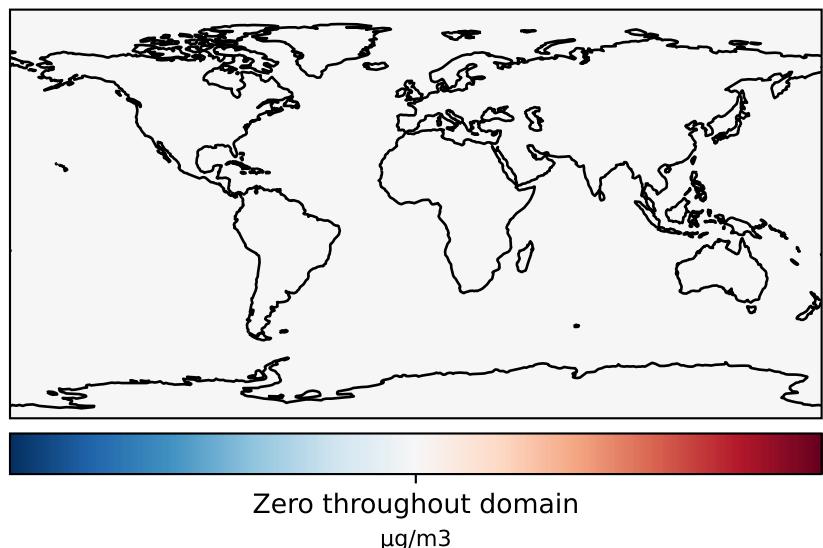
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



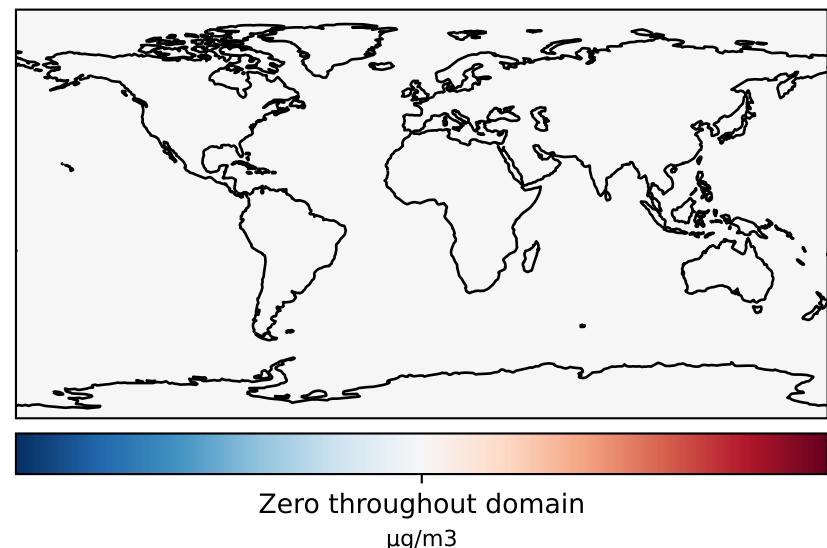
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



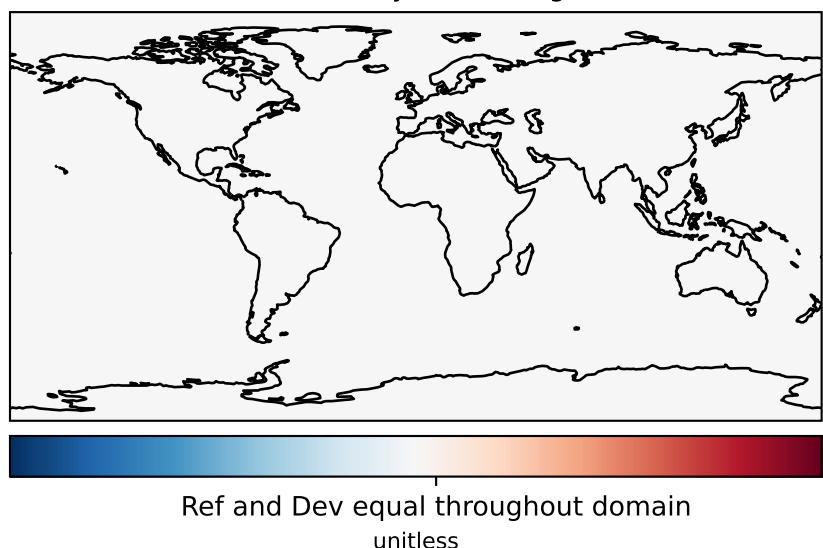
Difference
Dev - Ref, Dynamic Range



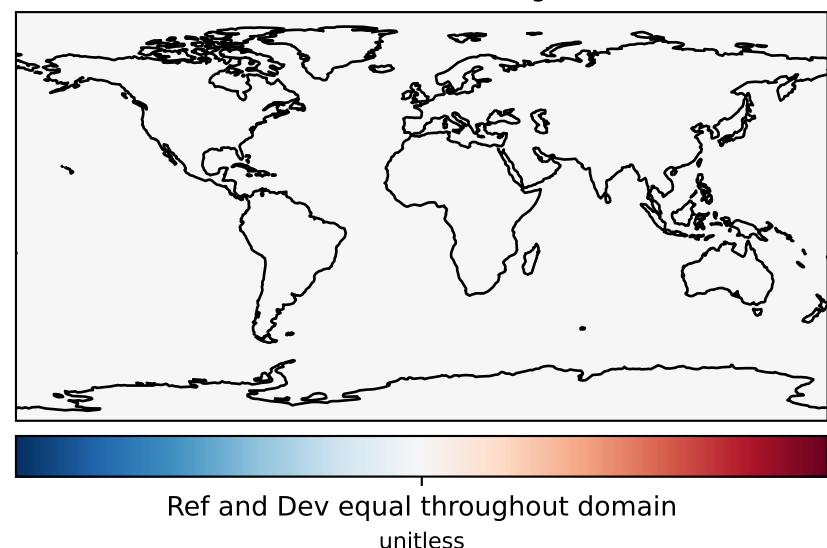
Difference
Dev - Ref, Restricted Range [5%,95%]



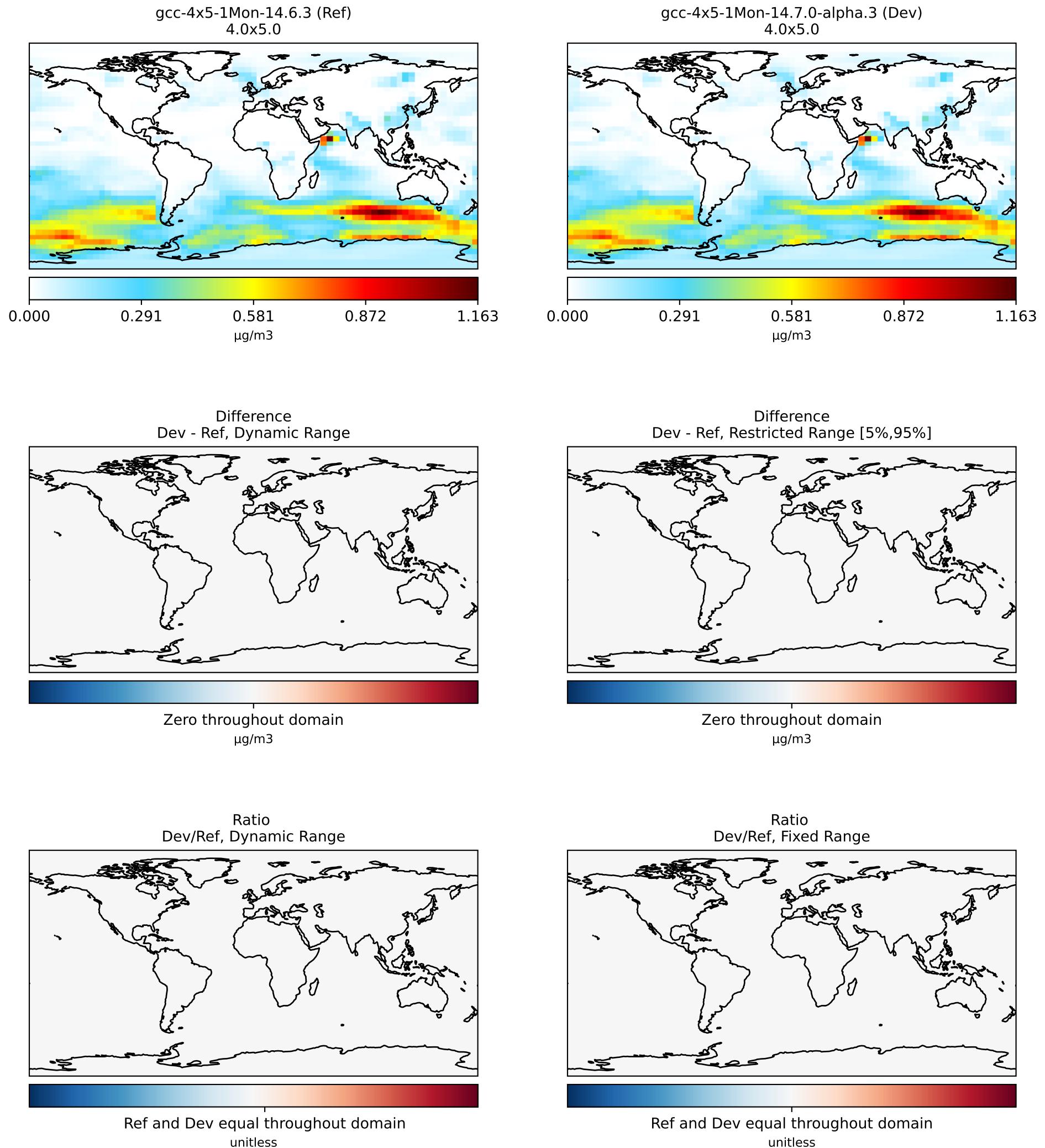
Ratio
Dev/Ref, Dynamic Range



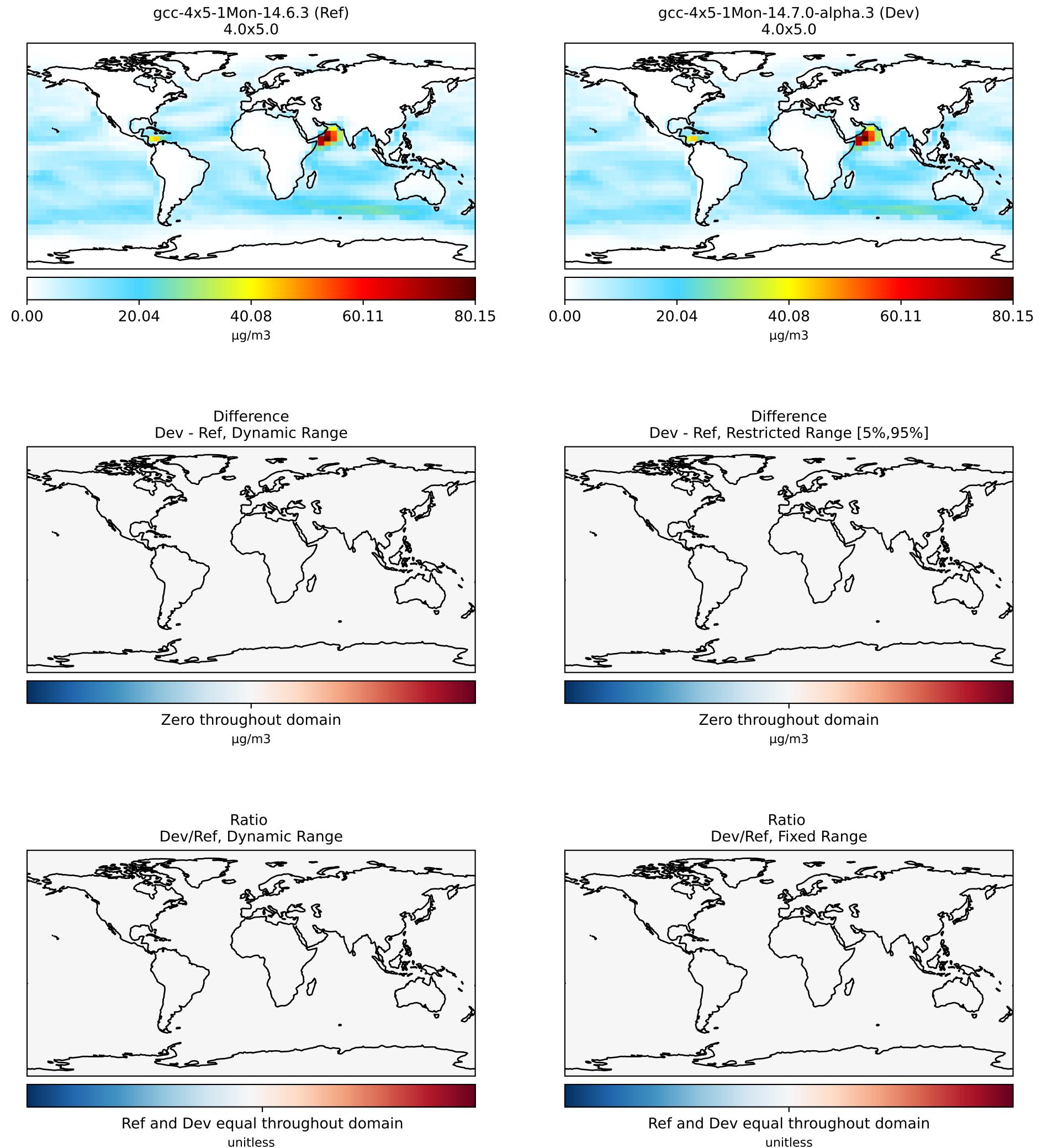
Ratio
Dev/Ref, Fixed Range



SpeciesConcVV_SALACL

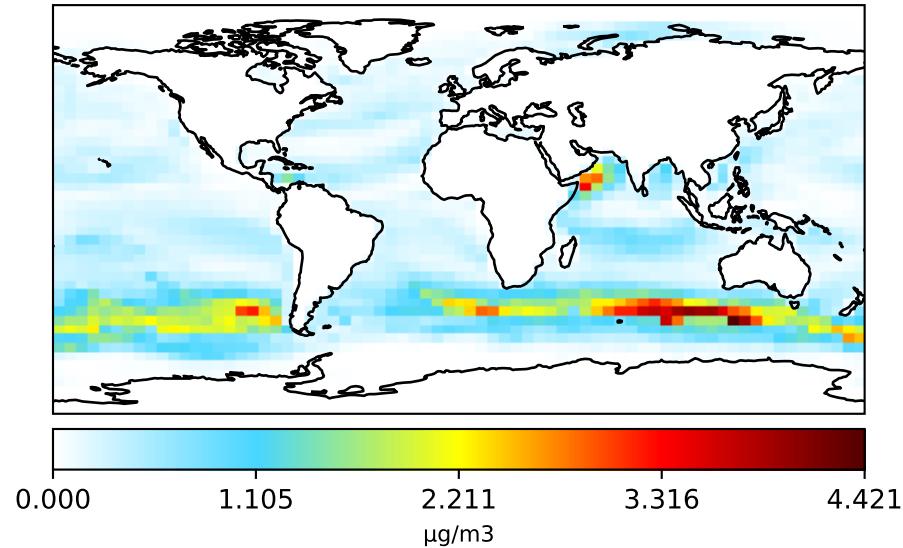


SpeciesConcVV_SALC

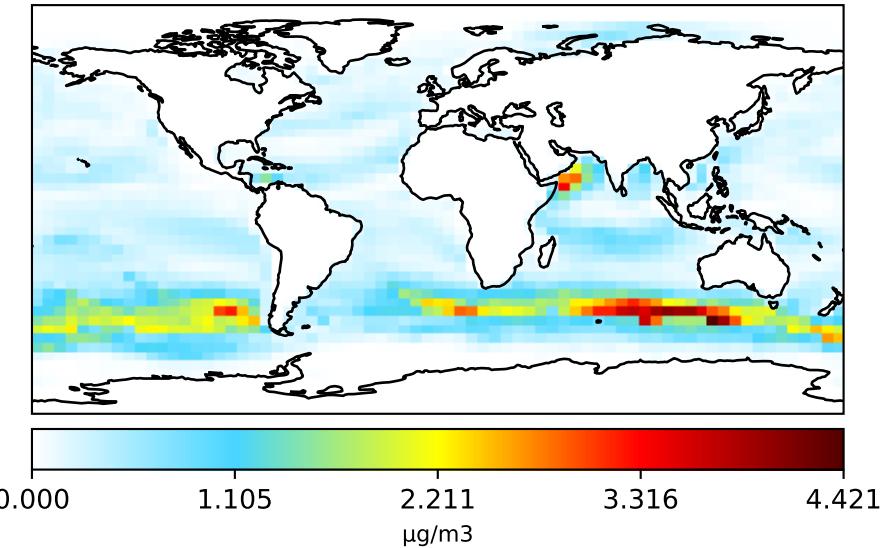


SpeciesConcVV_SALCAL

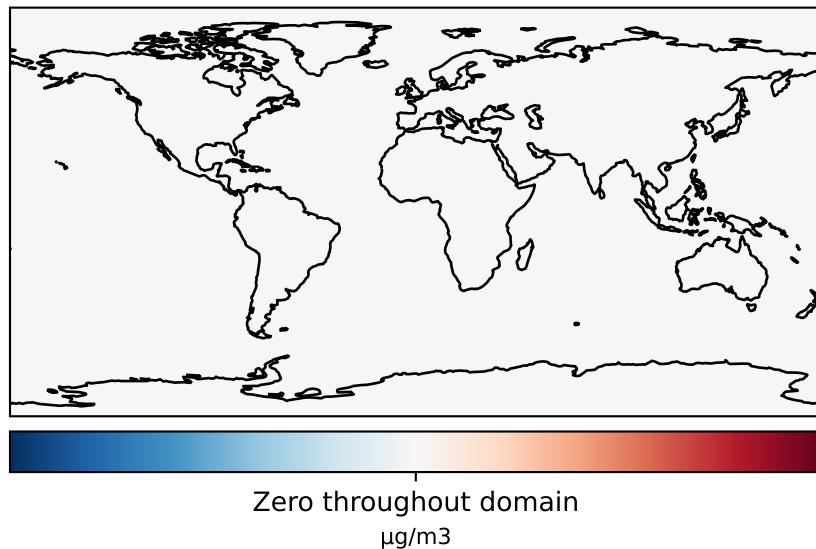
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



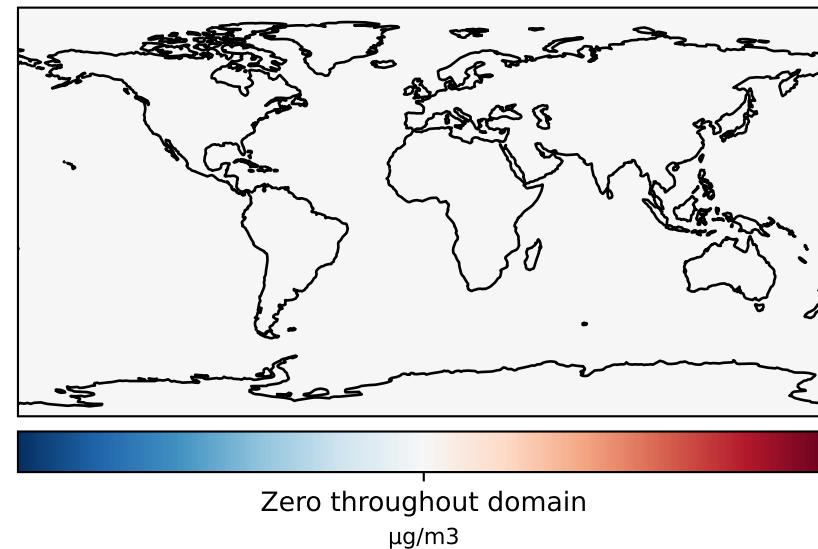
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



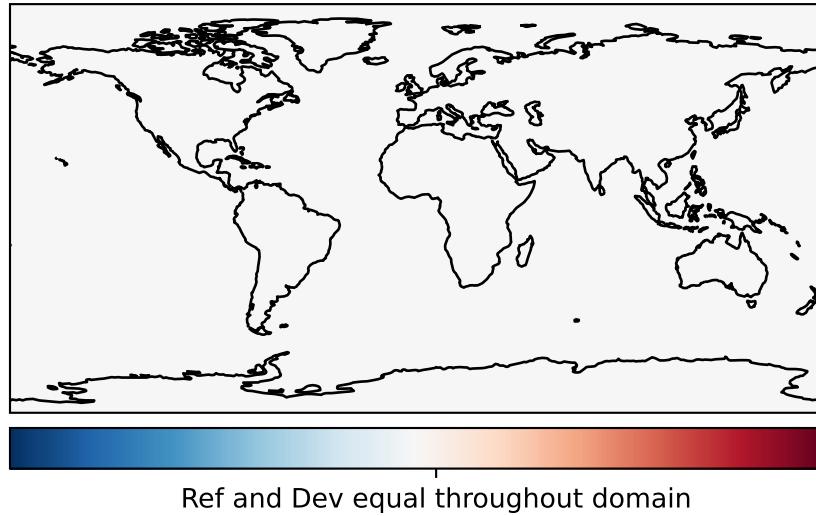
Difference
Dev - Ref, Dynamic Range



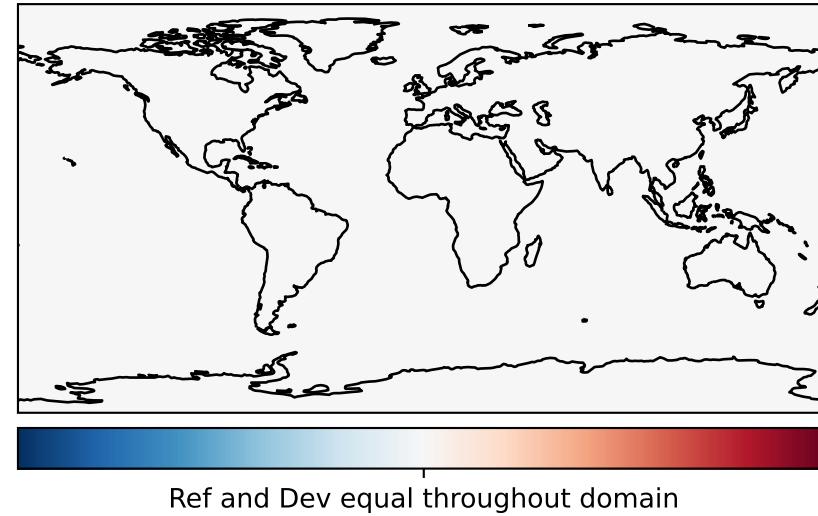
Difference
Dev - Ref, Restricted Range [5%,95%]



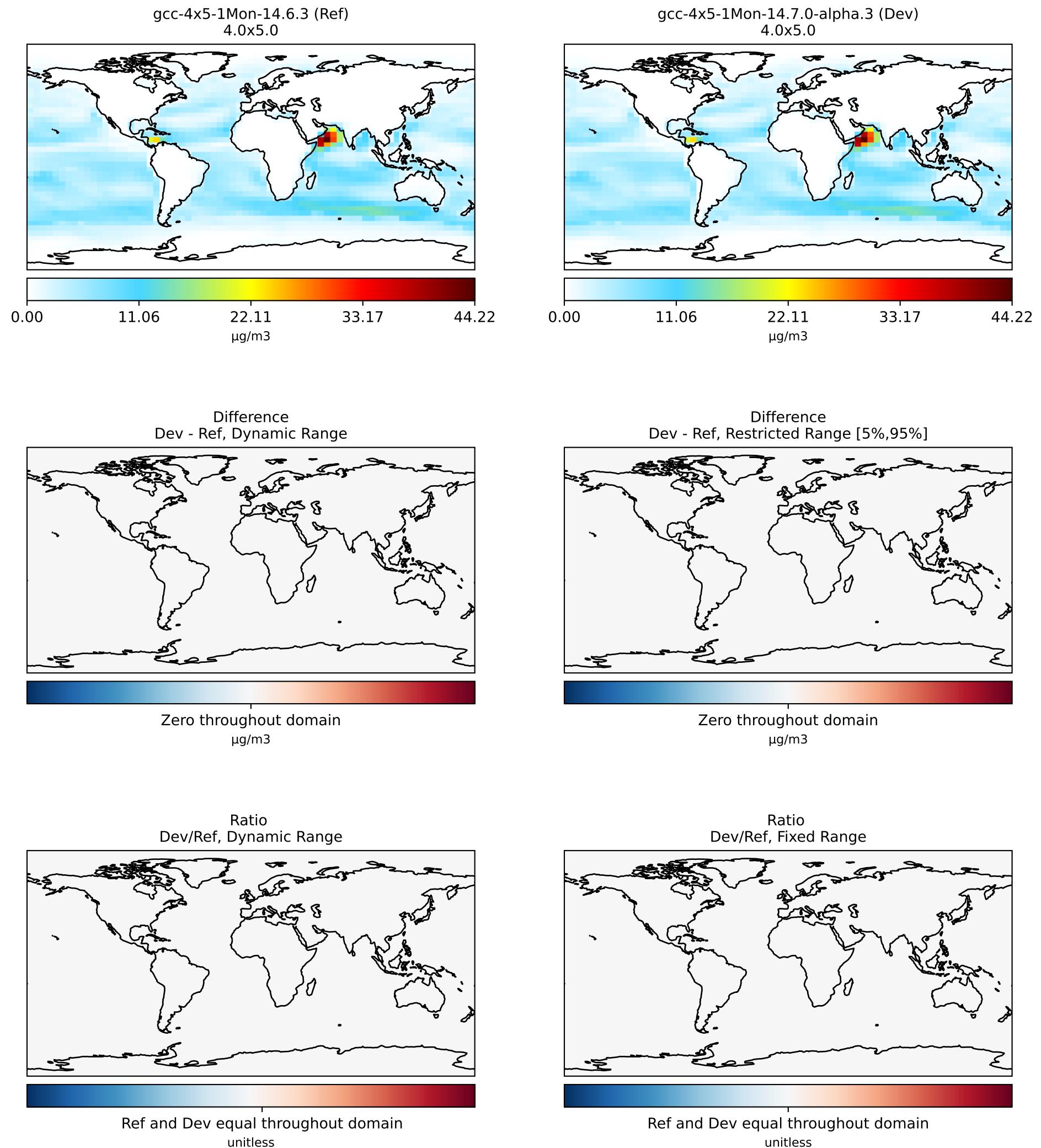
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

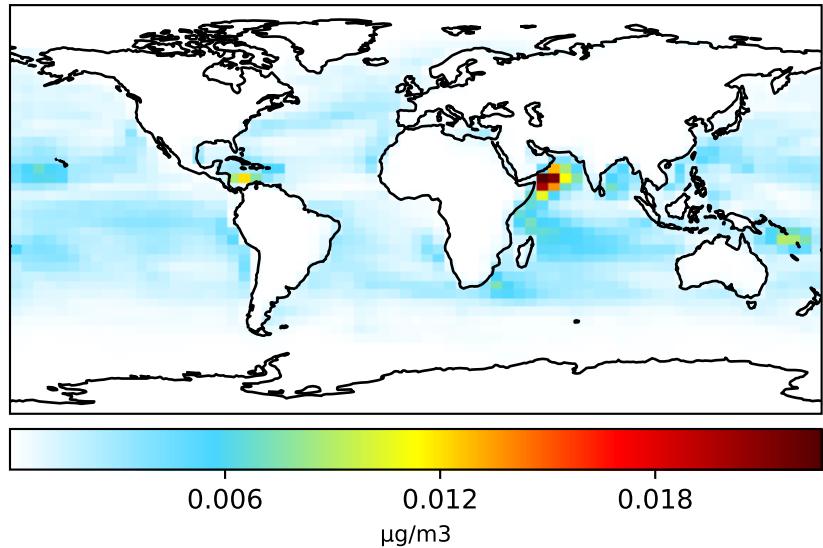


SpeciesConcVV_SALCCL

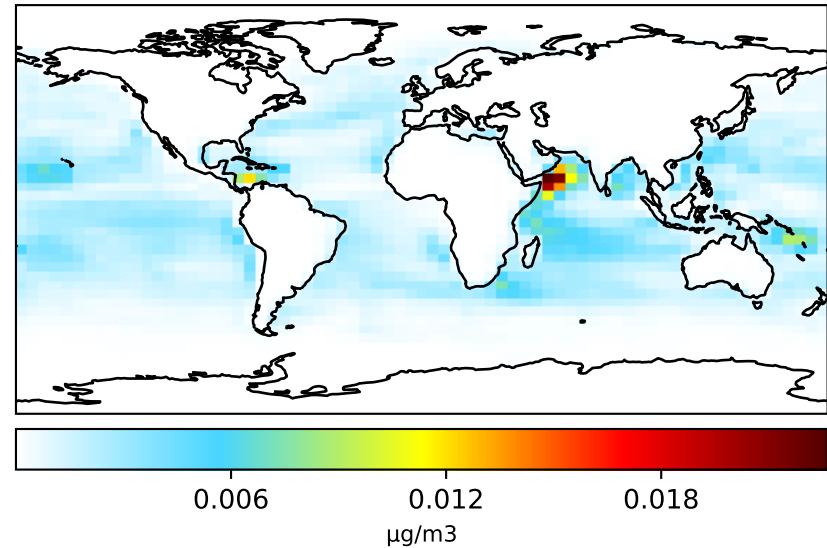


SpeciesConcVV_SO4s

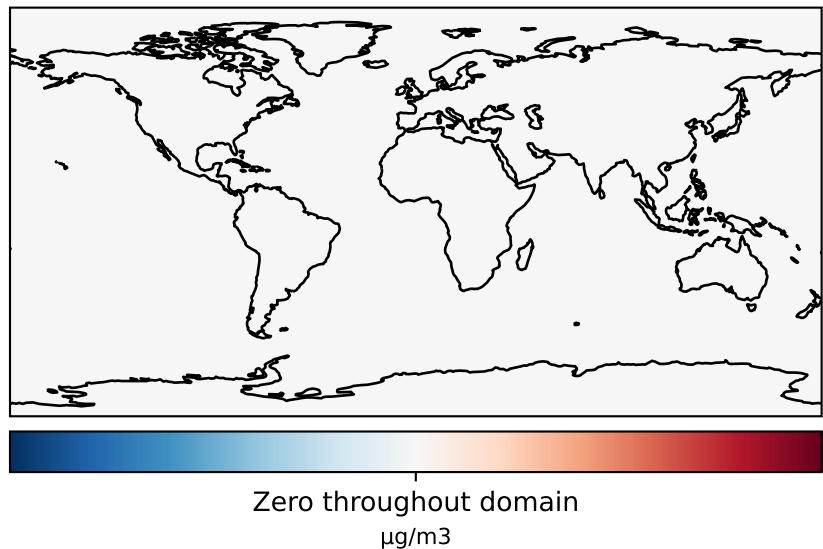
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



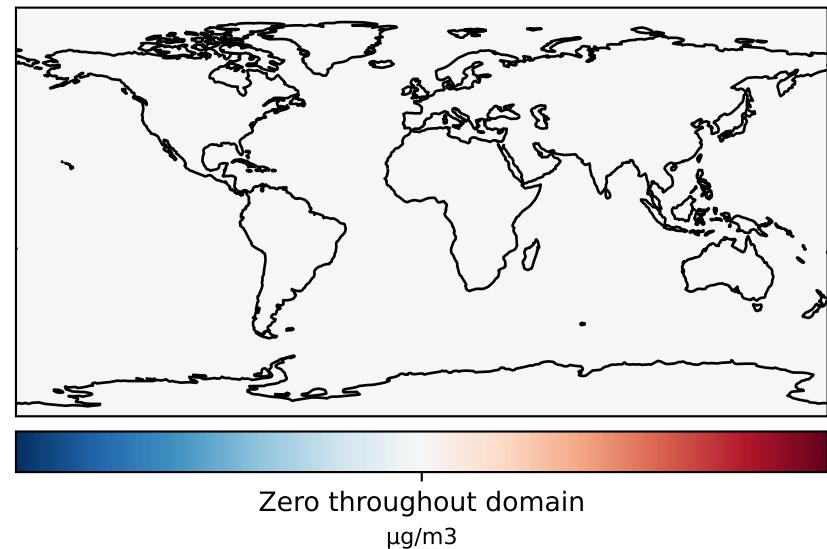
gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0



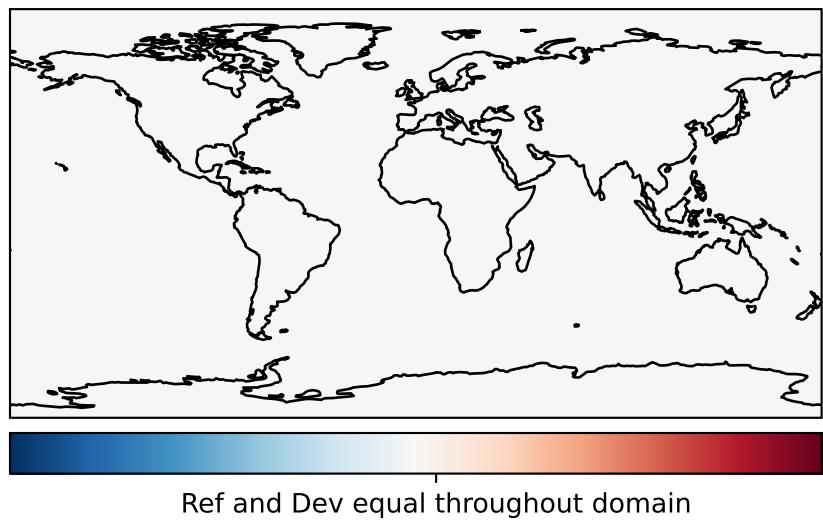
Difference
Dev - Ref, Dynamic Range



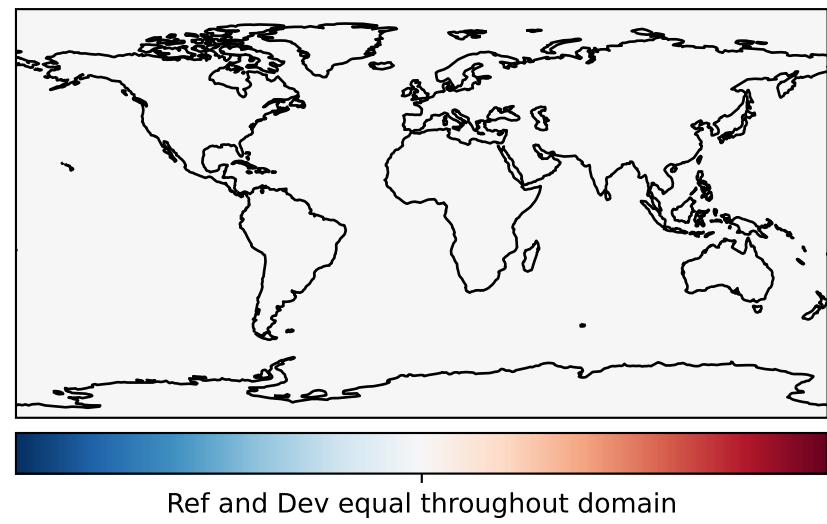
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

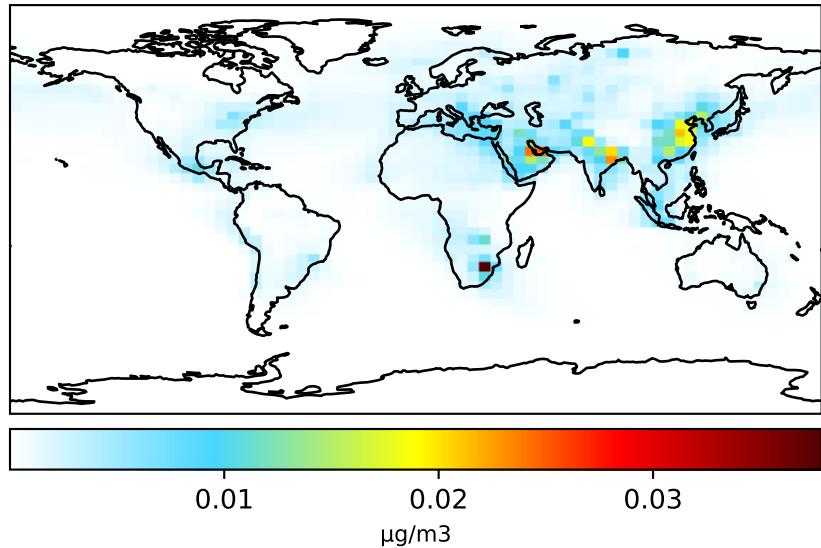


Ratio
Dev/Ref, Fixed Range

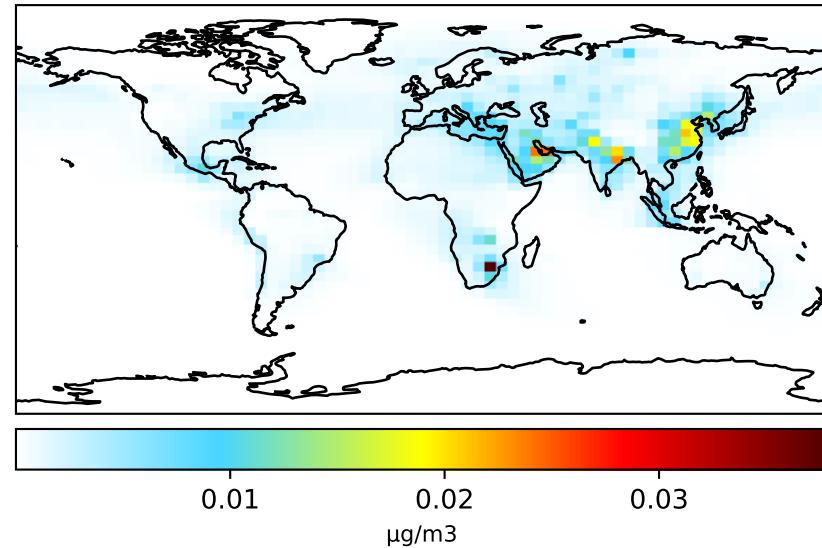


SpeciesConcVV_pFe

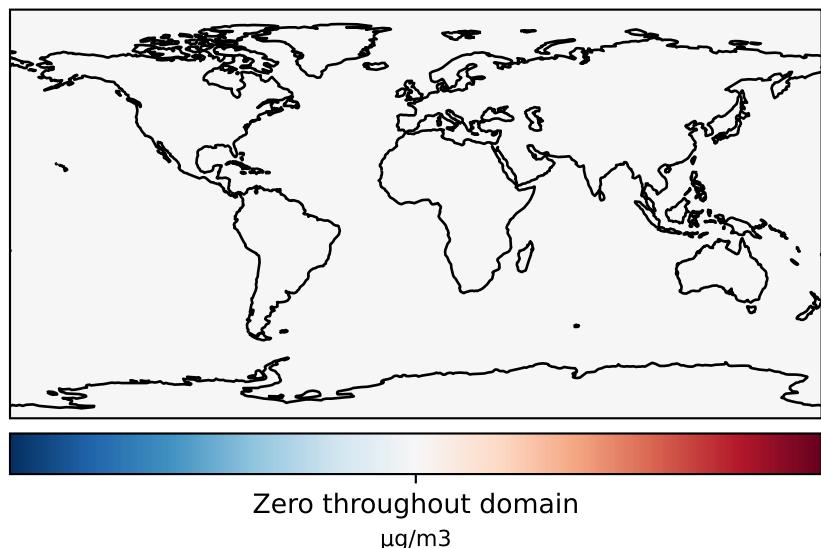
gcc-4x5-1Mon-14.6.3 (Ref)
4.0x5.0



gcc-4x5-1Mon-14.7.0-alpha.3 (Dev)
4.0x5.0

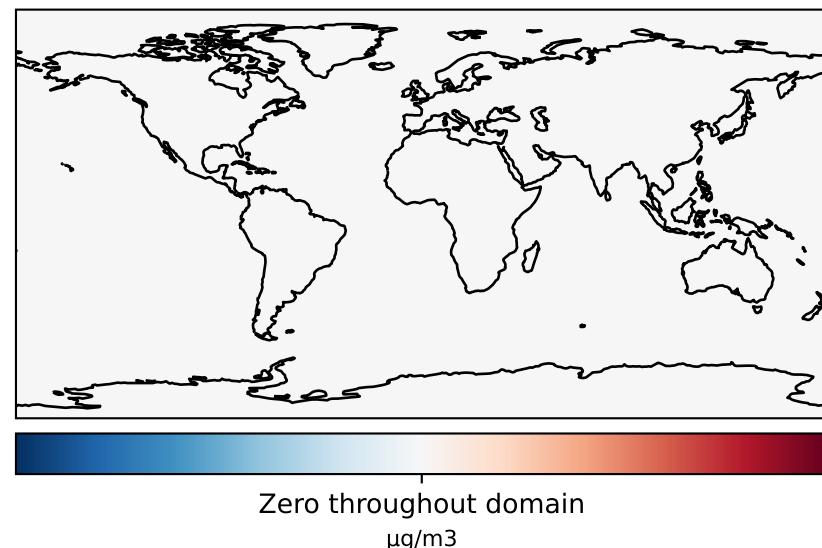


Difference
Dev - Ref, Dynamic Range



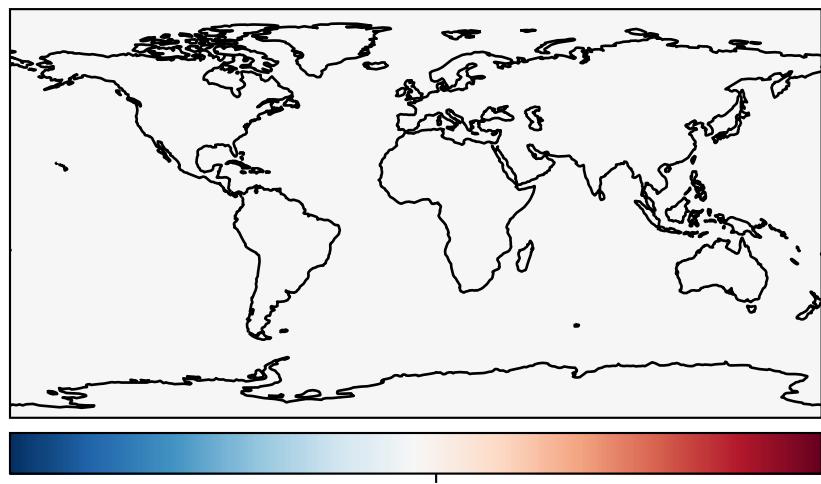
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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



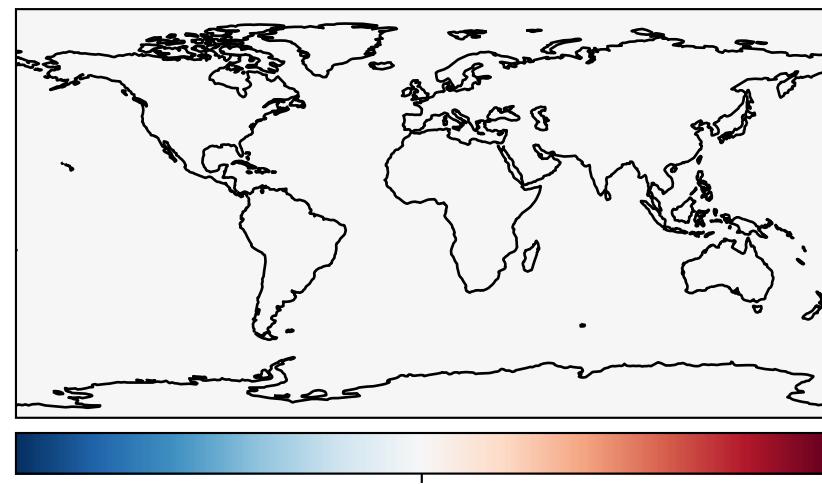
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range



Ref and Dev equal throughout domain
unitless