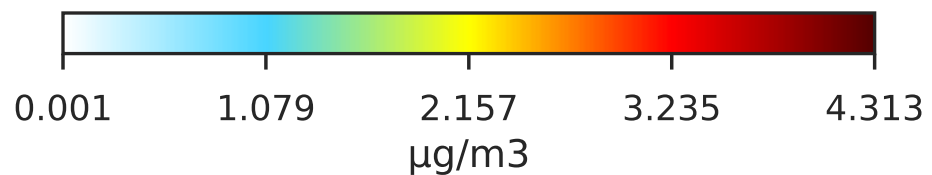
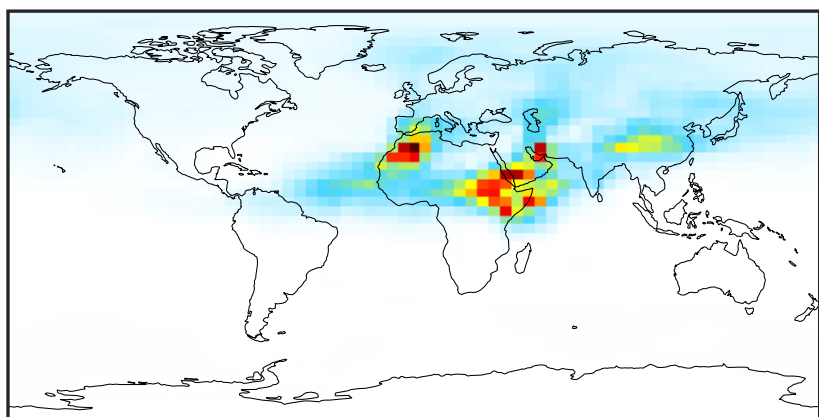
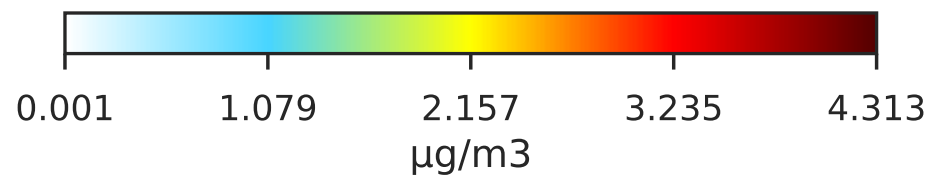
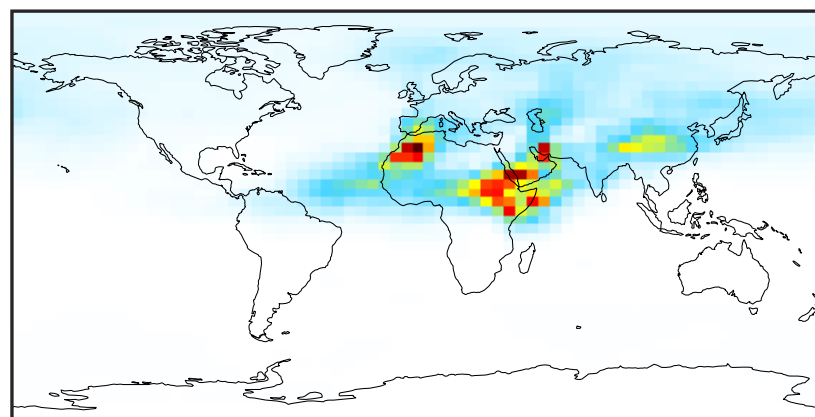


SpeciesConcVV_DST1

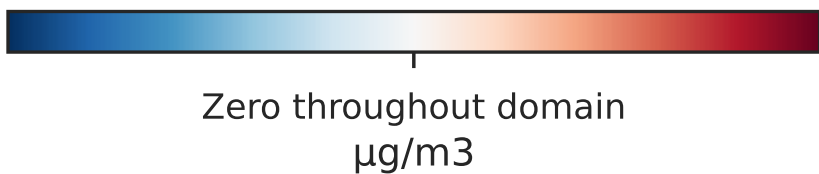
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



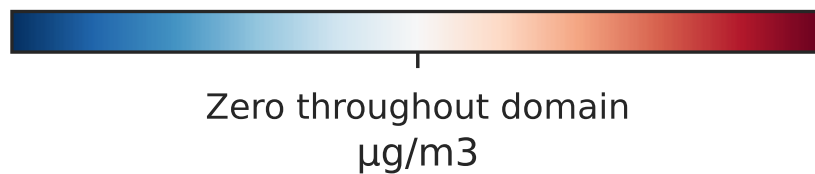
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



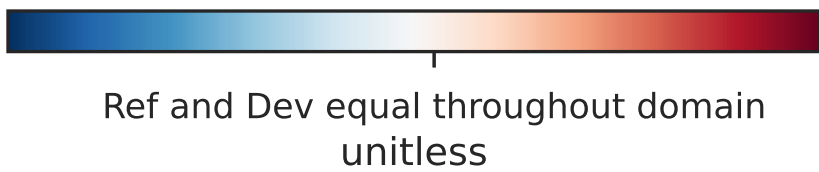
Difference
Dev - Ref, Dynamic Range



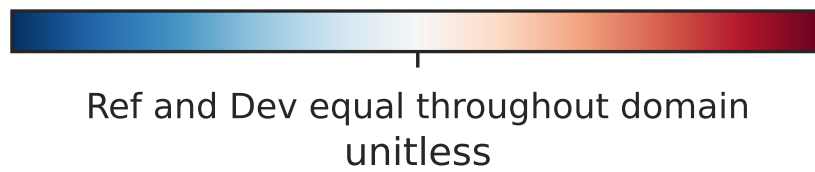
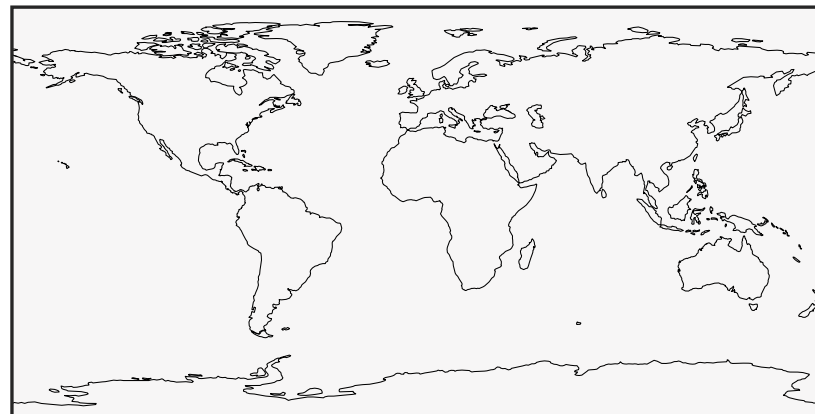
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

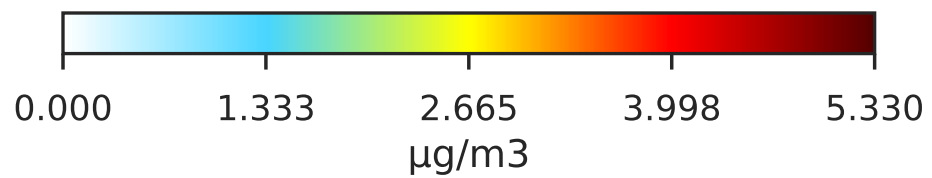
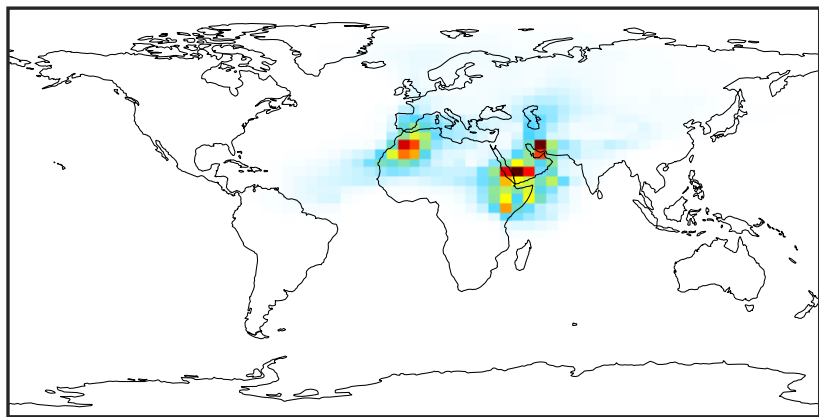


Ratio
Dev/Ref, Fixed Range

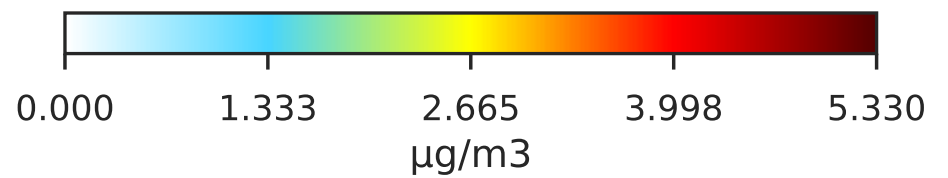
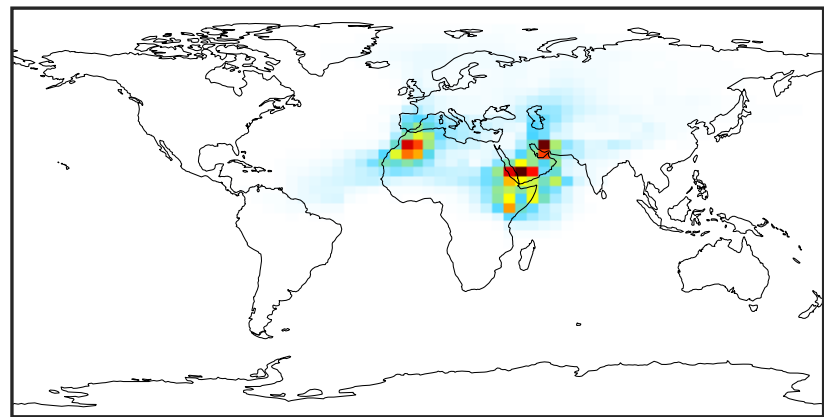


SpeciesConcVV_DST2

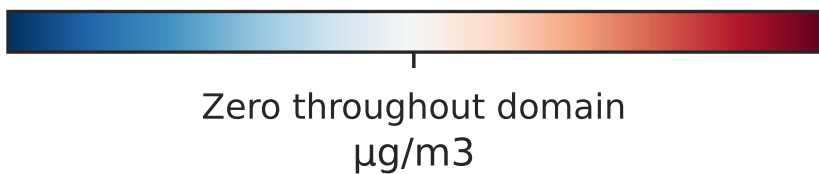
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



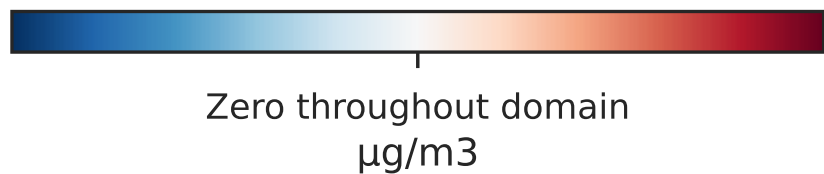
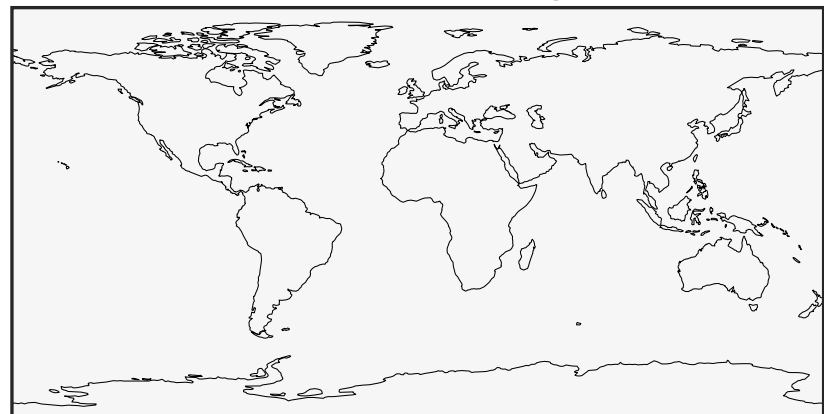
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



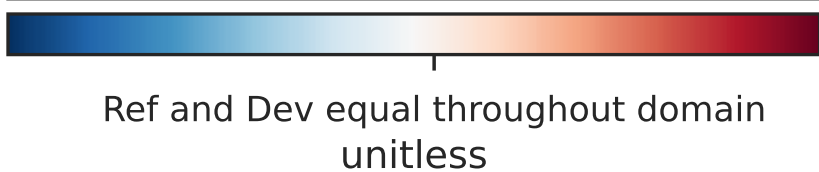
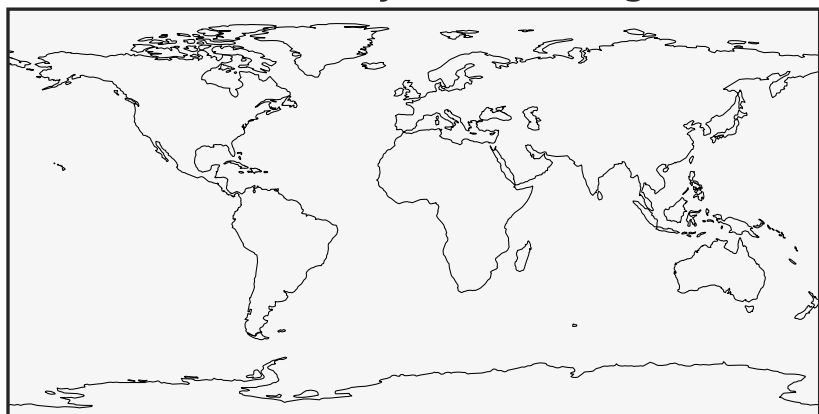
Difference
Dev - Ref, Dynamic Range



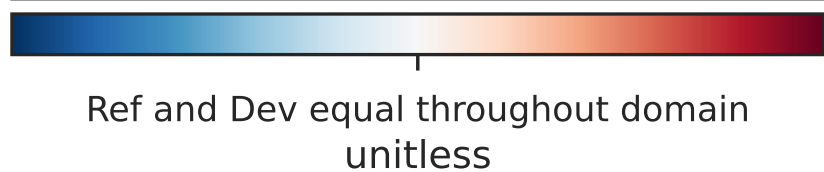
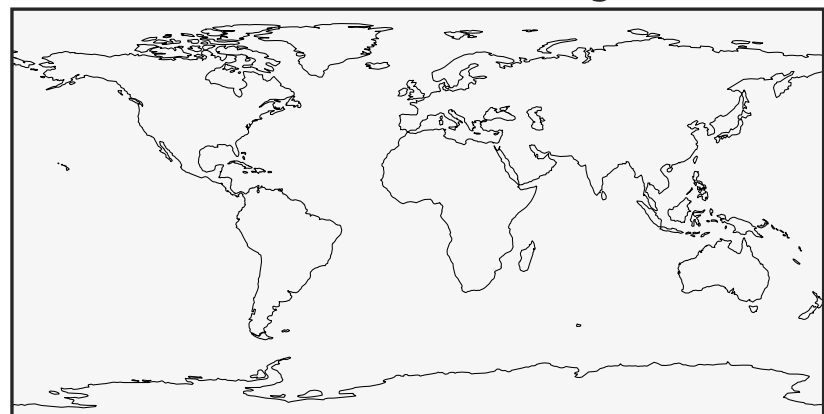
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

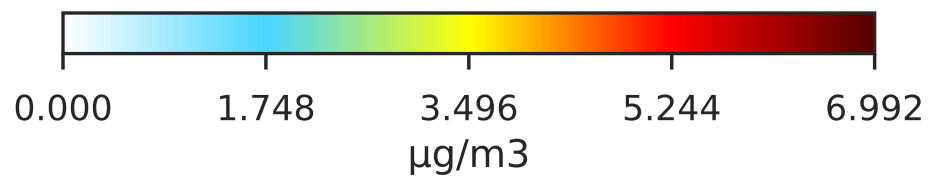
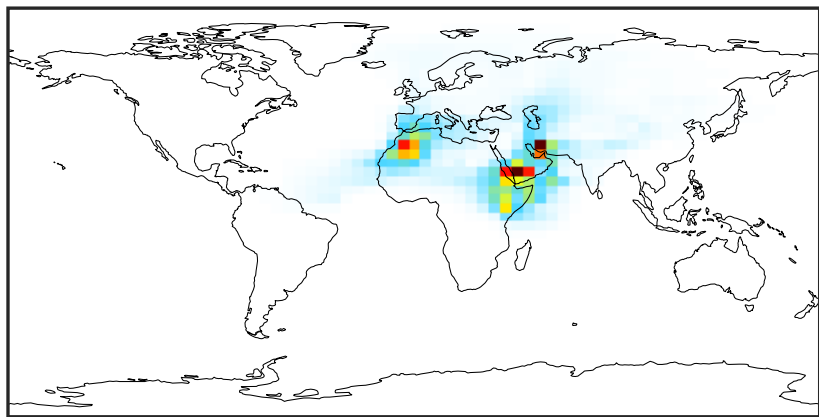


Ratio
Dev/Ref, Fixed Range

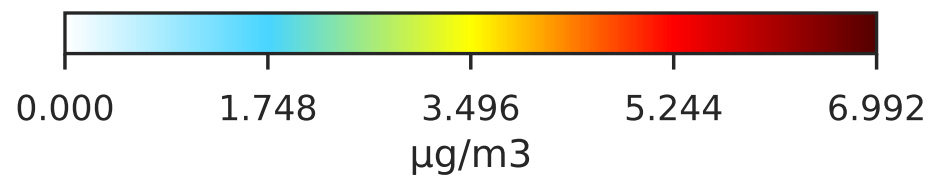
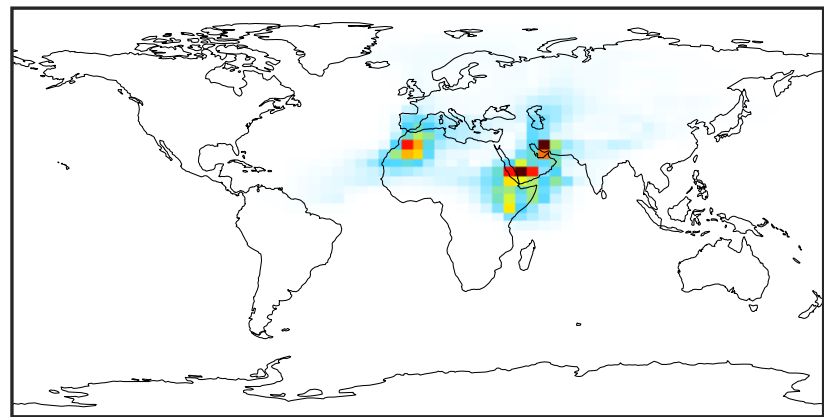


SpeciesConcVV_DST3

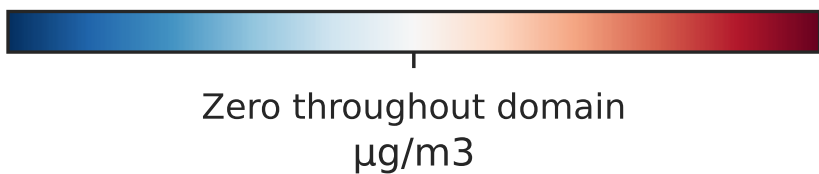
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



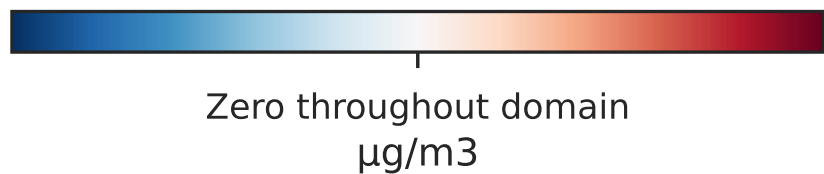
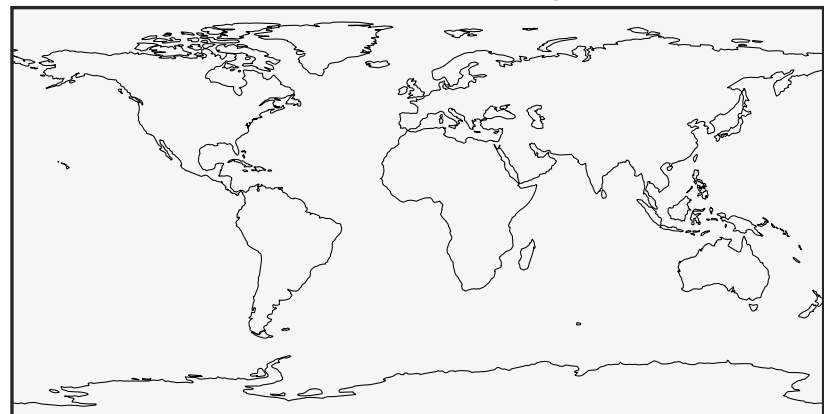
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



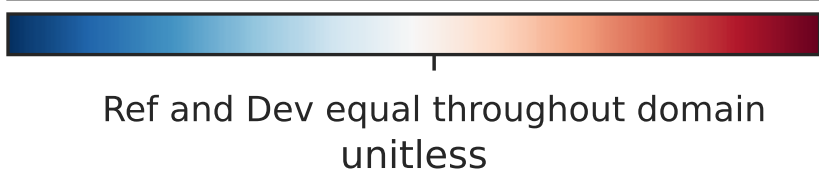
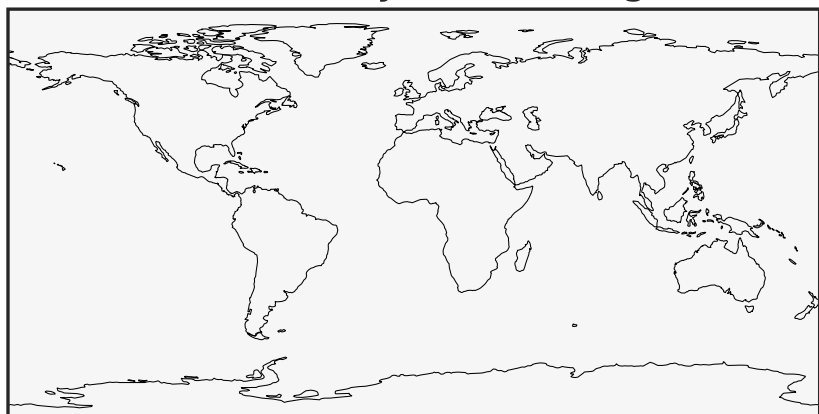
Difference
Dev - Ref, Dynamic Range



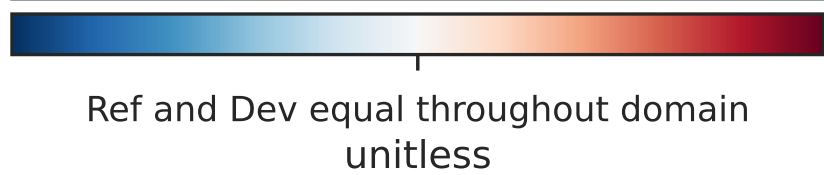
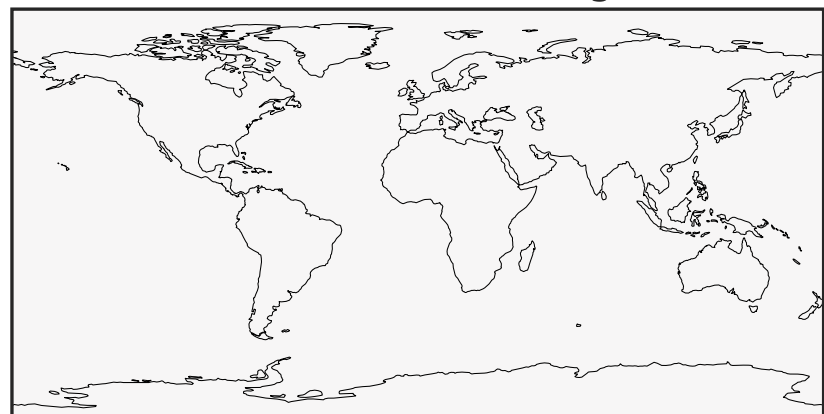
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

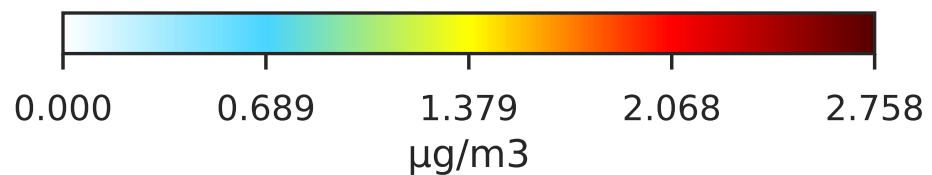
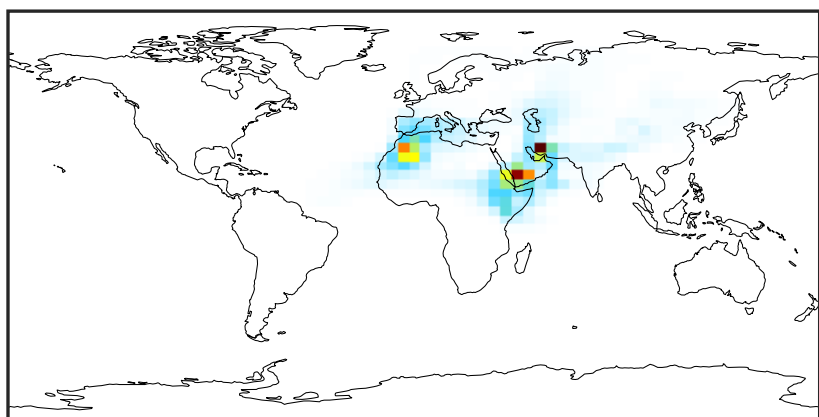


Ratio
Dev/Ref, Fixed Range

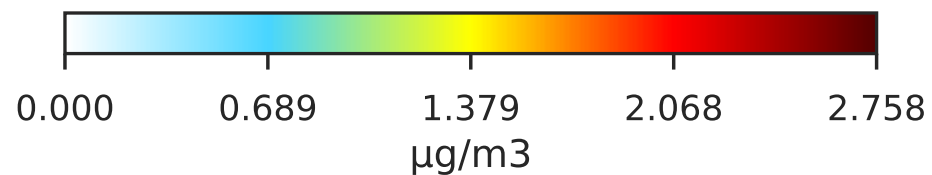
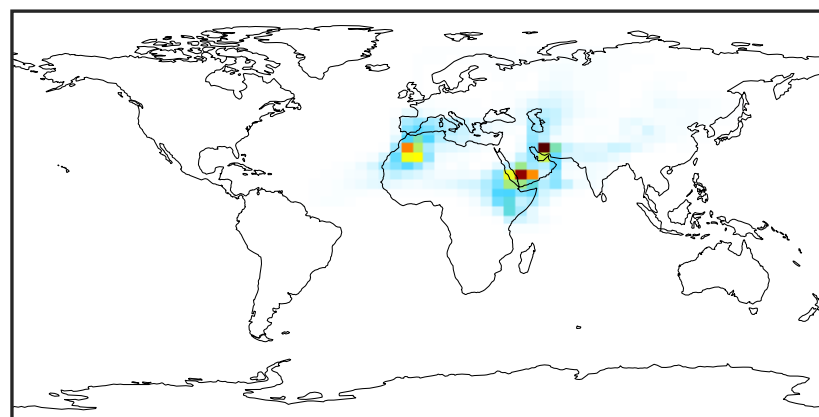


SpeciesConcVV_DST4

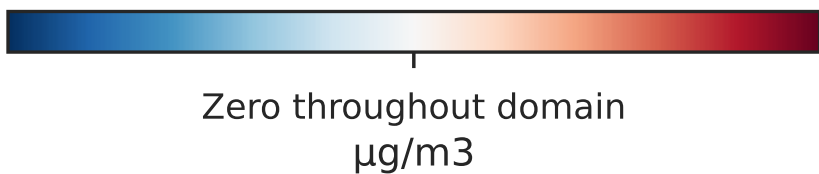
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



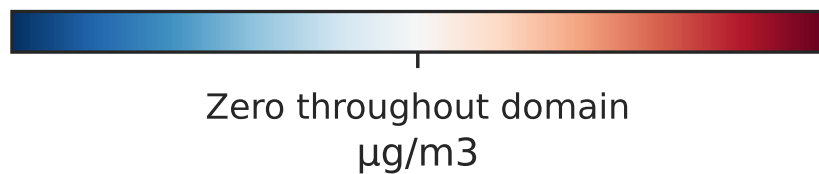
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



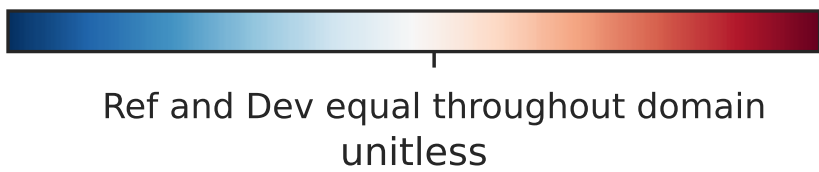
Difference
Dev - Ref, Dynamic Range



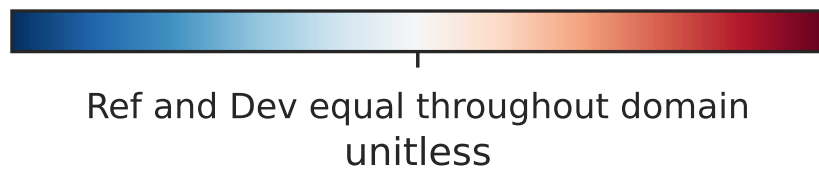
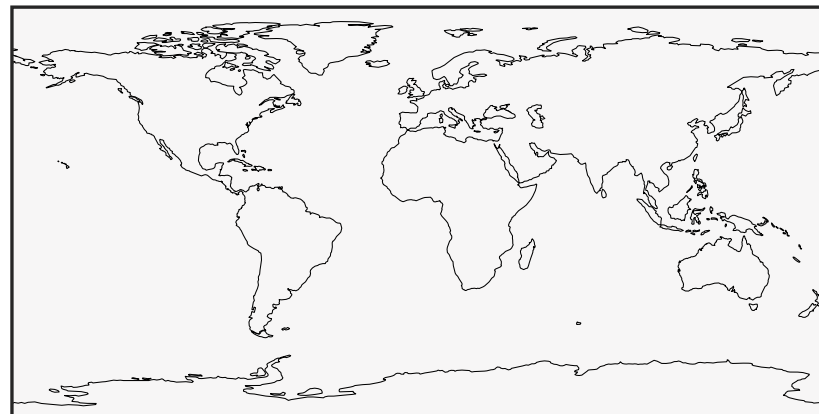
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

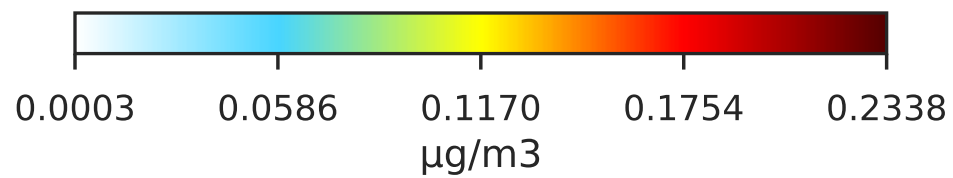
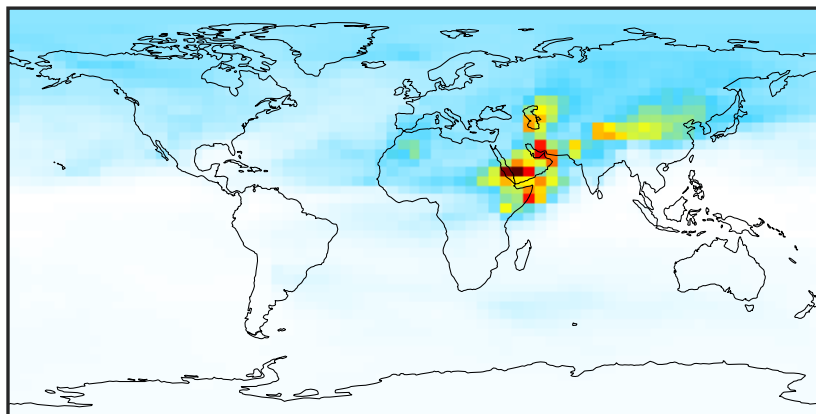


Ratio
Dev/Ref, Fixed Range

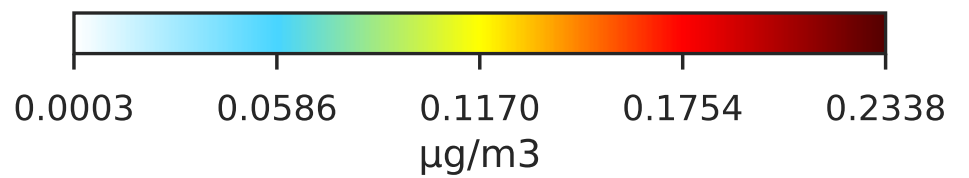
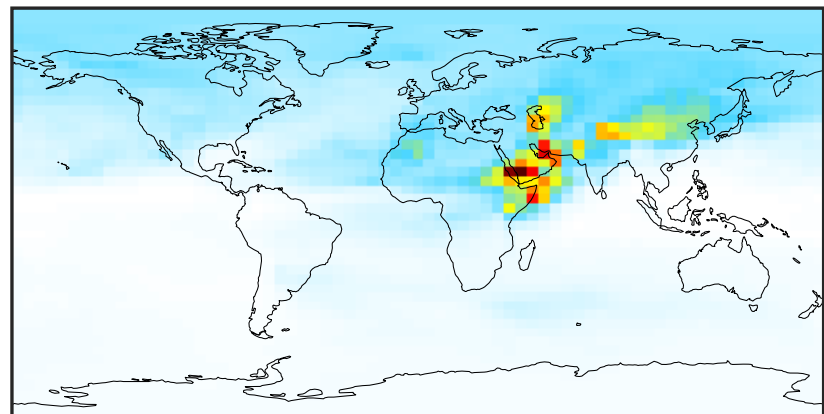


SpeciesConcVV_NH4

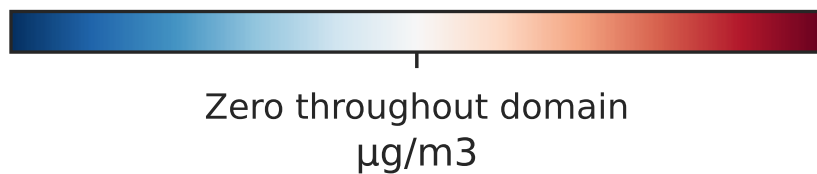
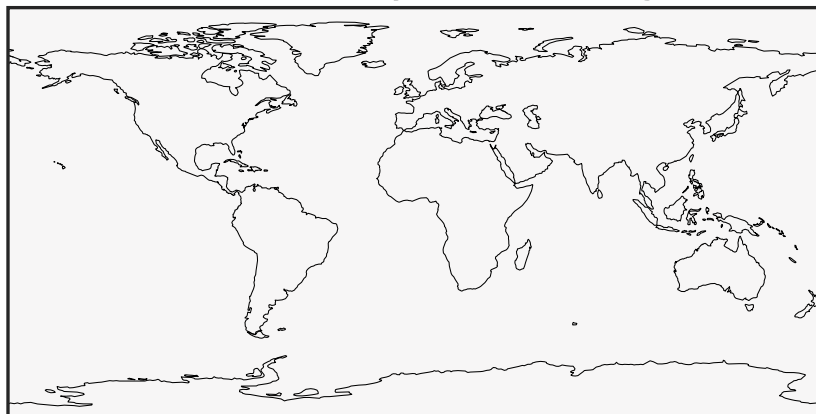
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



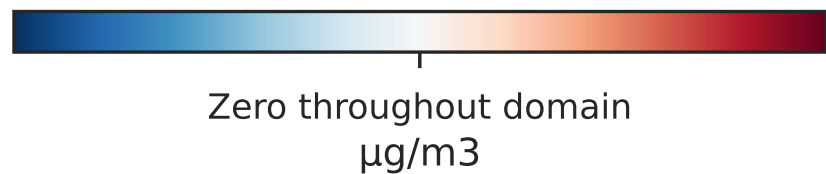
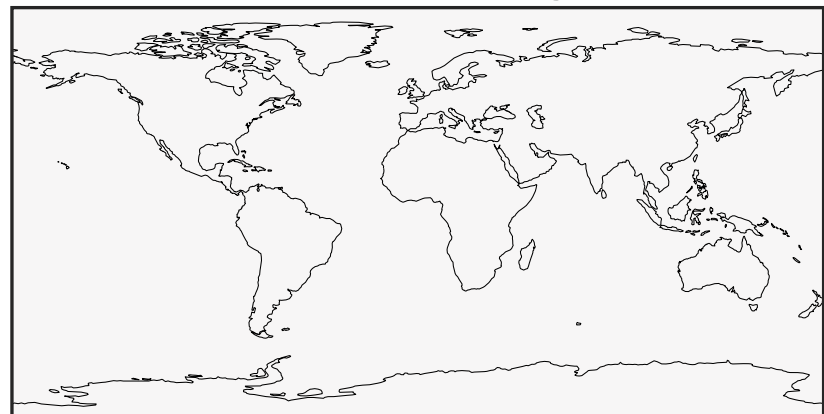
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



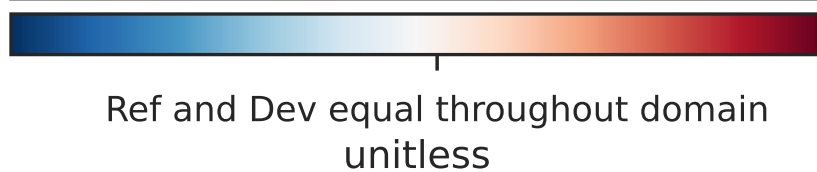
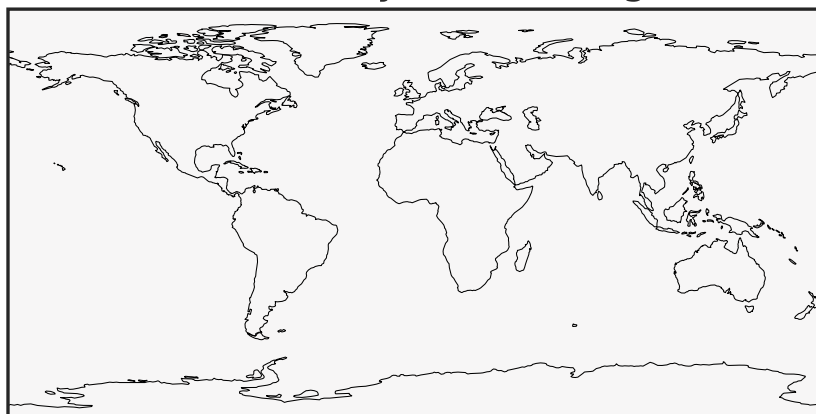
Difference
Dev - Ref, Dynamic Range



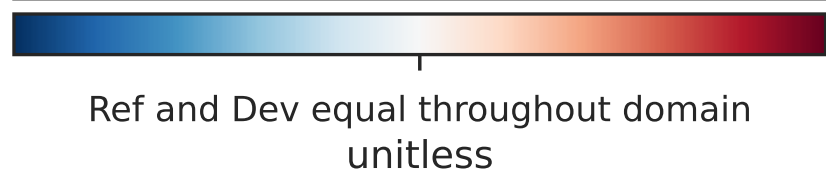
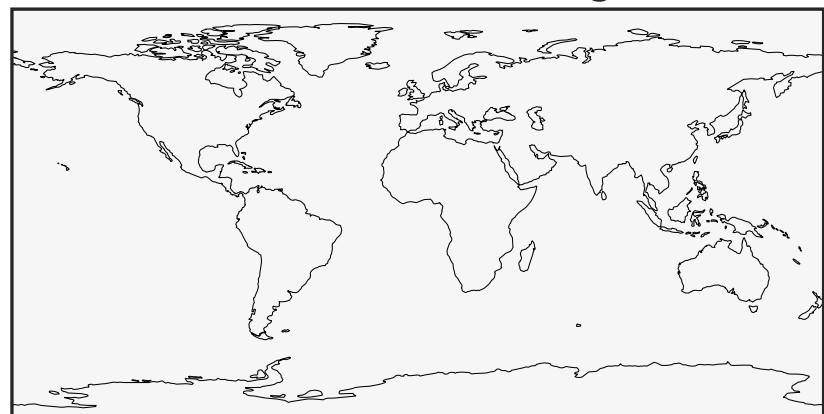
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

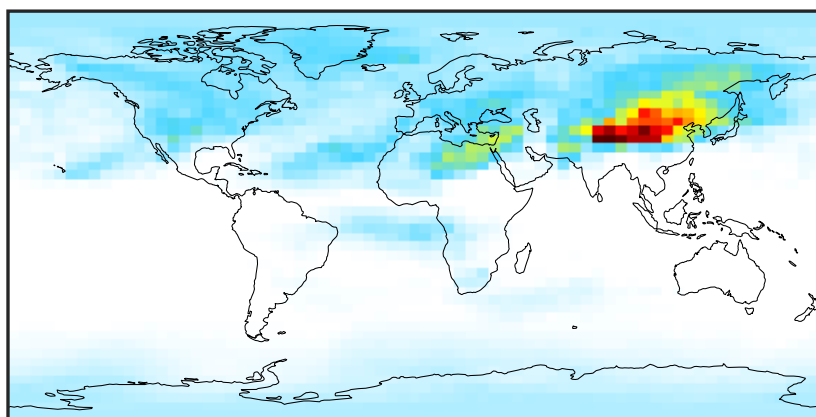


Ratio
Dev/Ref, Fixed Range



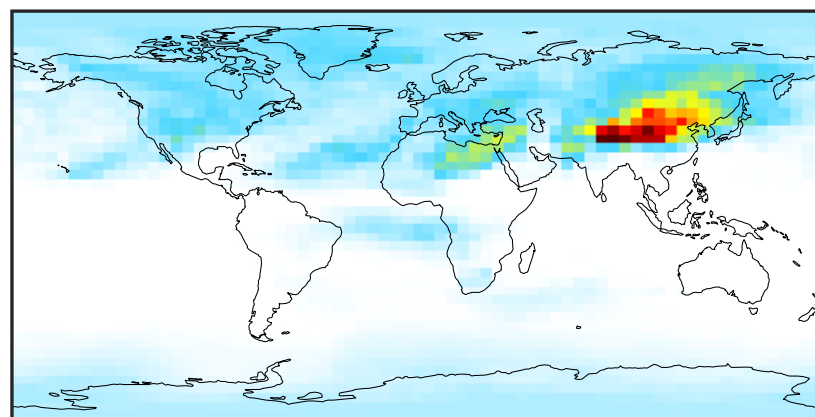
SpeciesConcVV_NIT

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



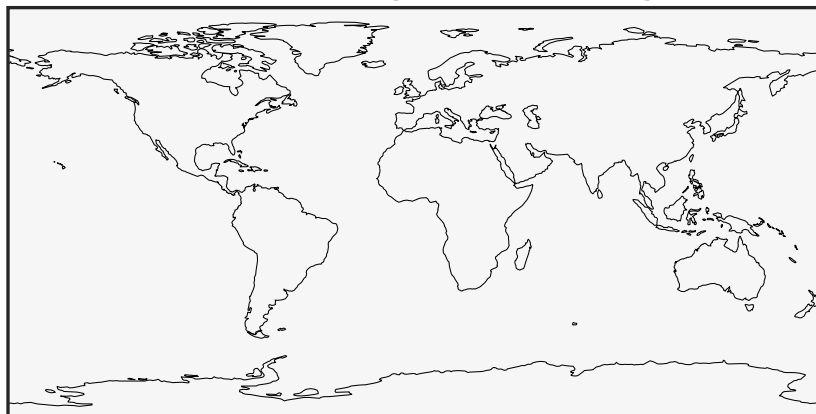
0.0000 0.0634 0.1269 0.1903 0.2538
µg/m3

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



0.0000 0.0634 0.1269 0.1903 0.2538
µg/m3

Difference
Dev - Ref, Dynamic Range



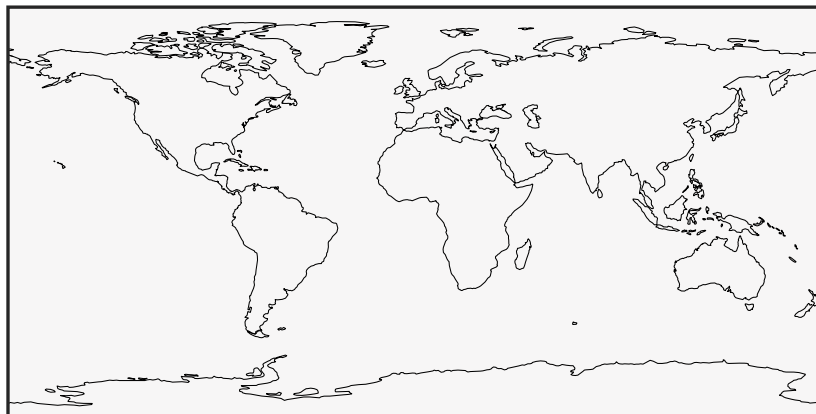
Zero throughout domain
µg/m3

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



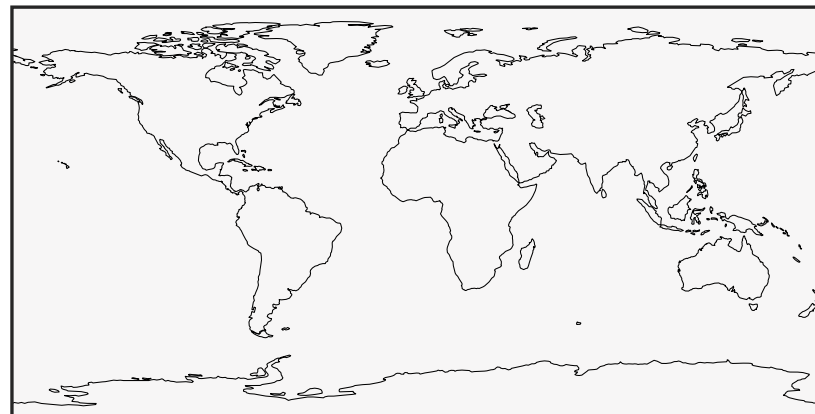
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



Ref and Dev equal throughout domain
unitless

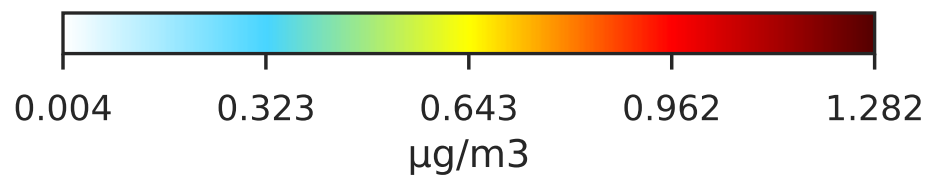
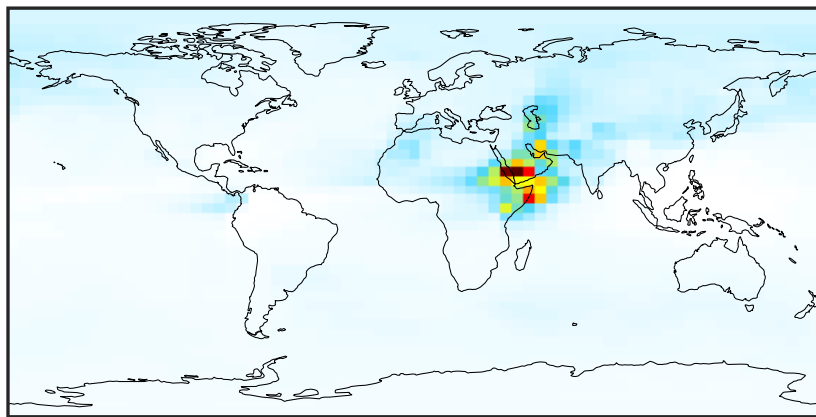
Ratio
Dev/Ref, Fixed Range



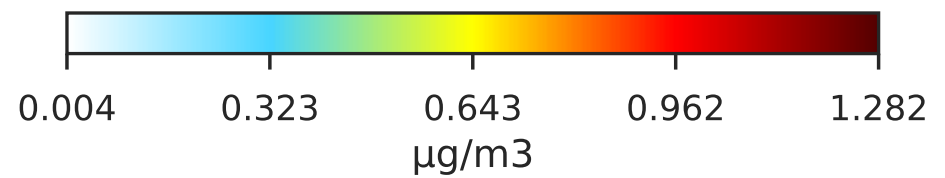
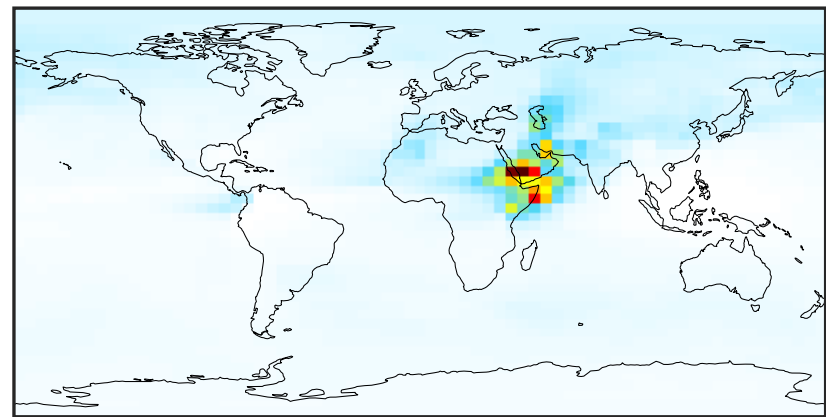
Ref and Dev equal throughout domain
unitless

SpeciesConcVV_S04

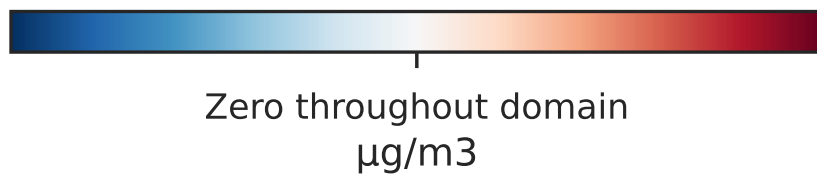
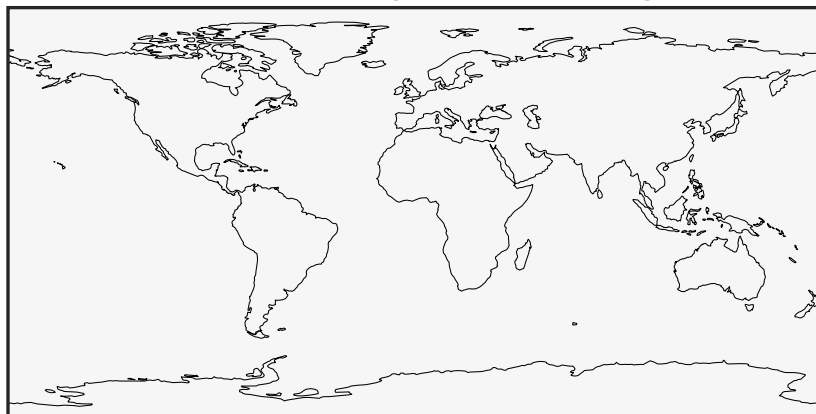
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



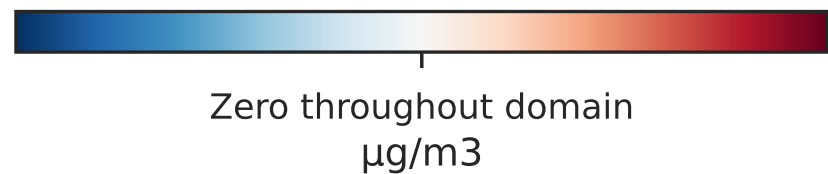
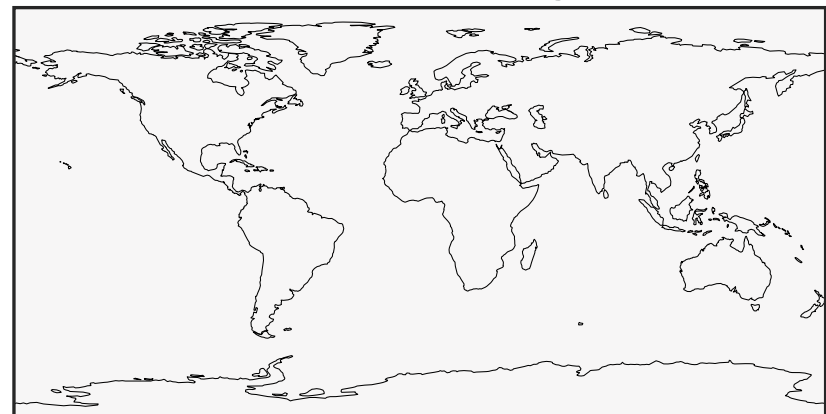
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



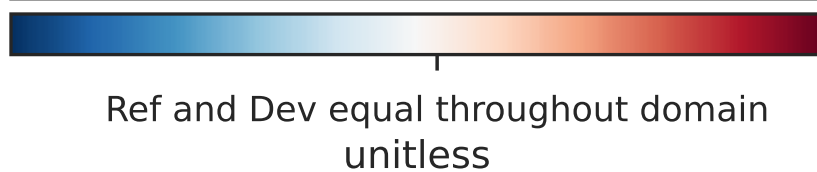
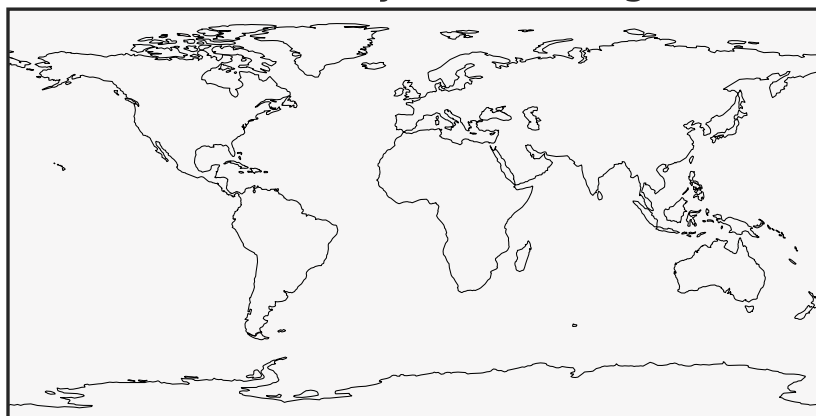
Difference
Dev - Ref, Dynamic Range



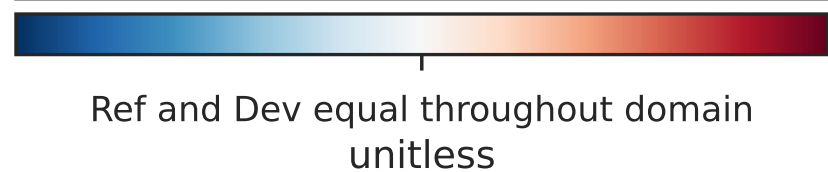
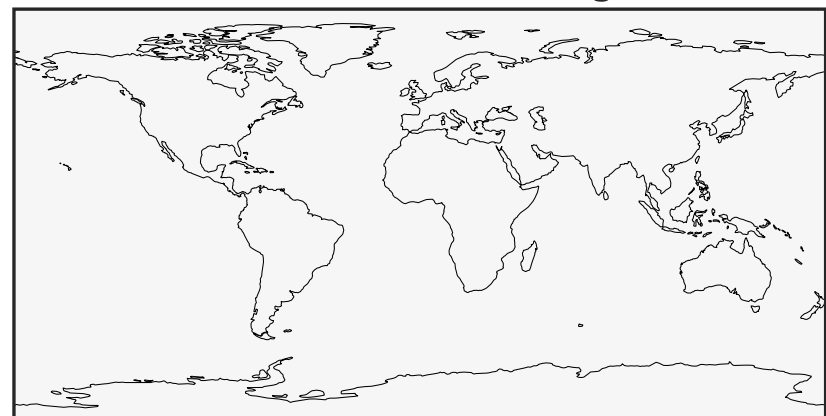
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

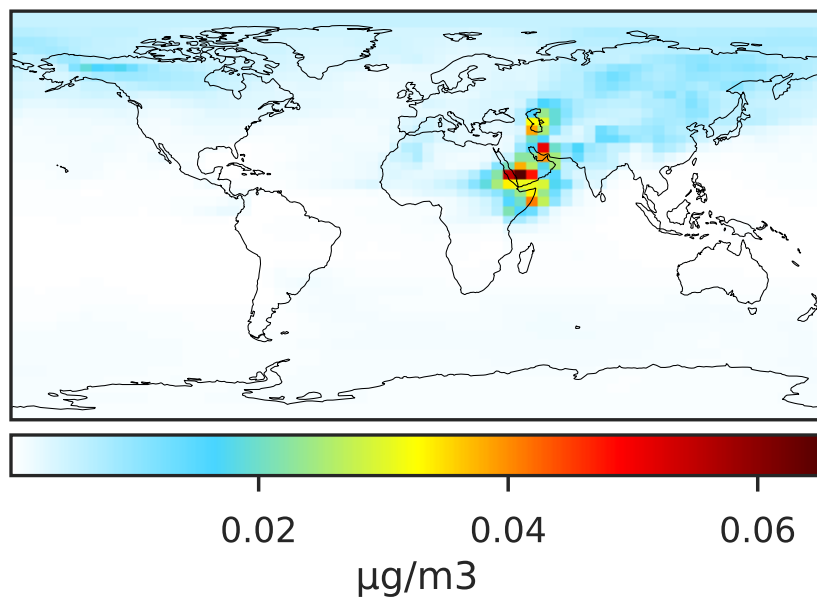


Ratio
Dev/Ref, Fixed Range

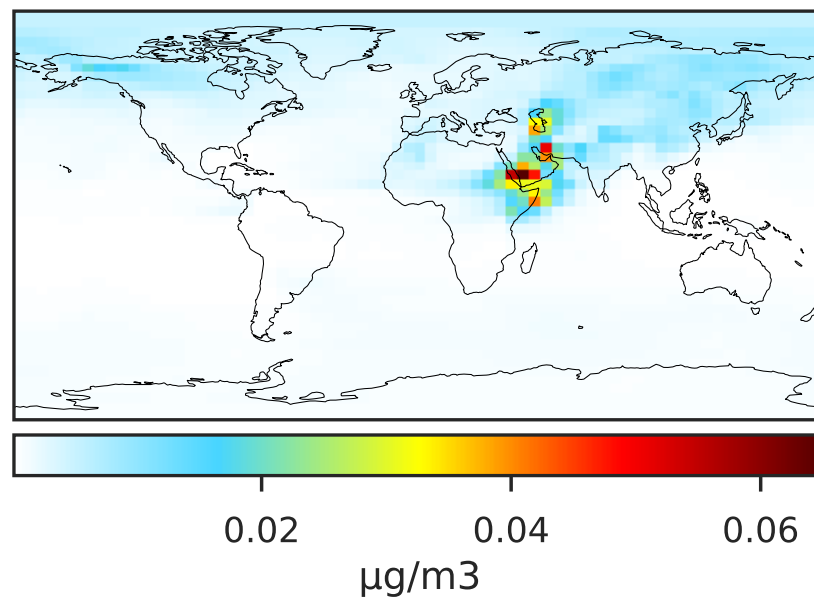


SpeciesConcVV_HMS

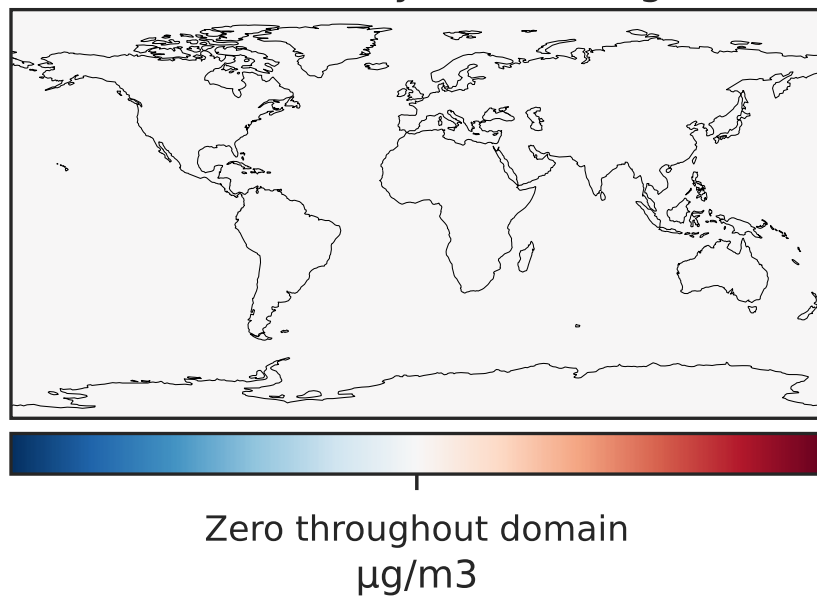
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



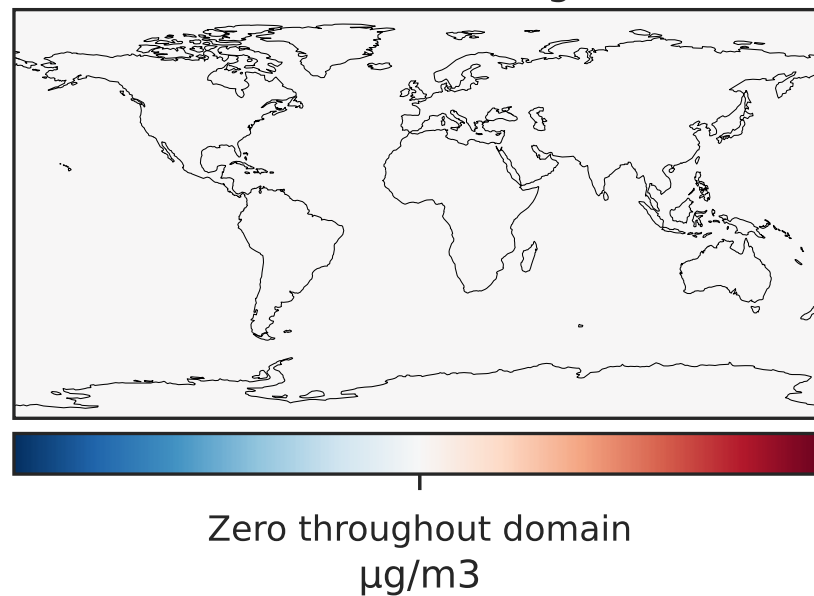
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



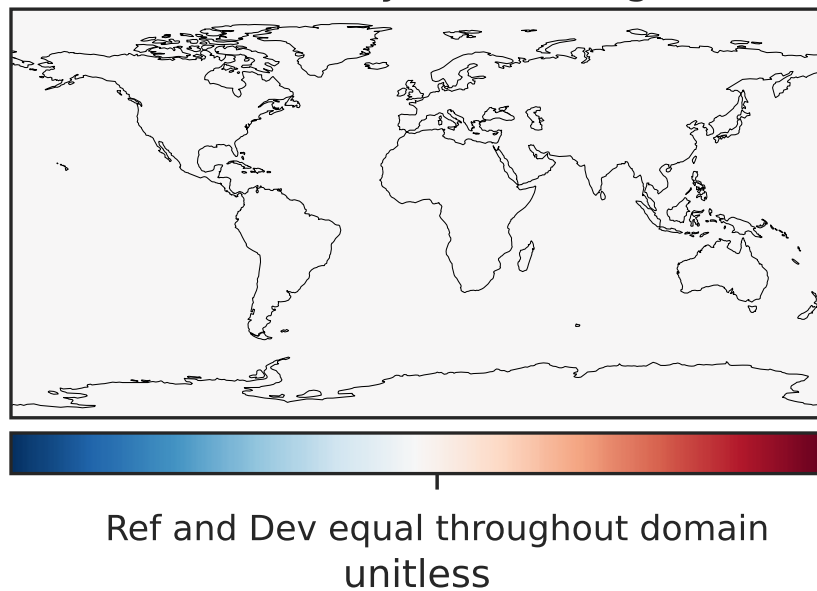
Difference
Dev - Ref, Dynamic Range



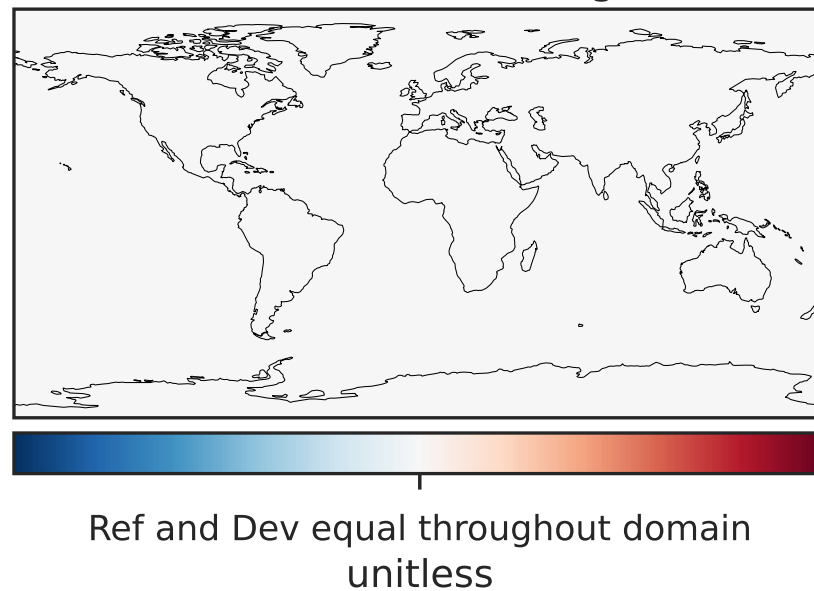
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

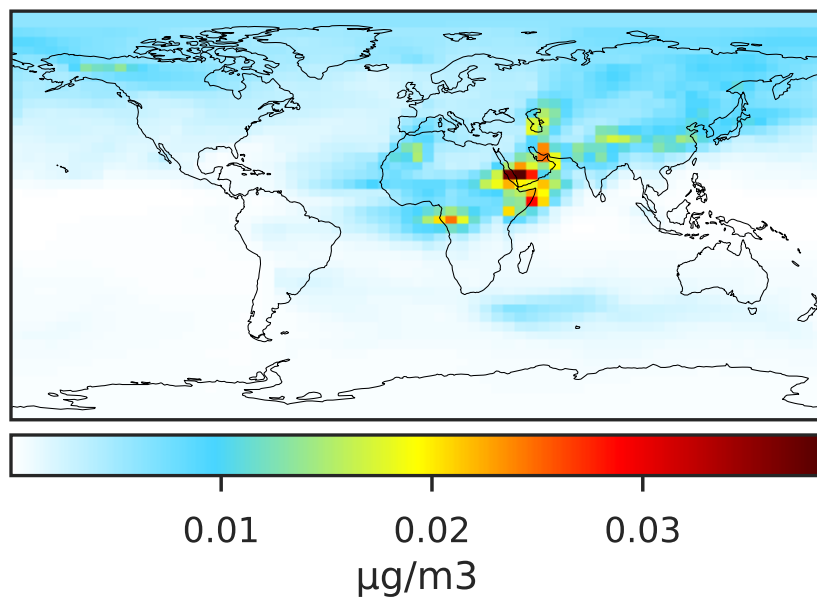


Ratio
Dev/Ref, Fixed Range

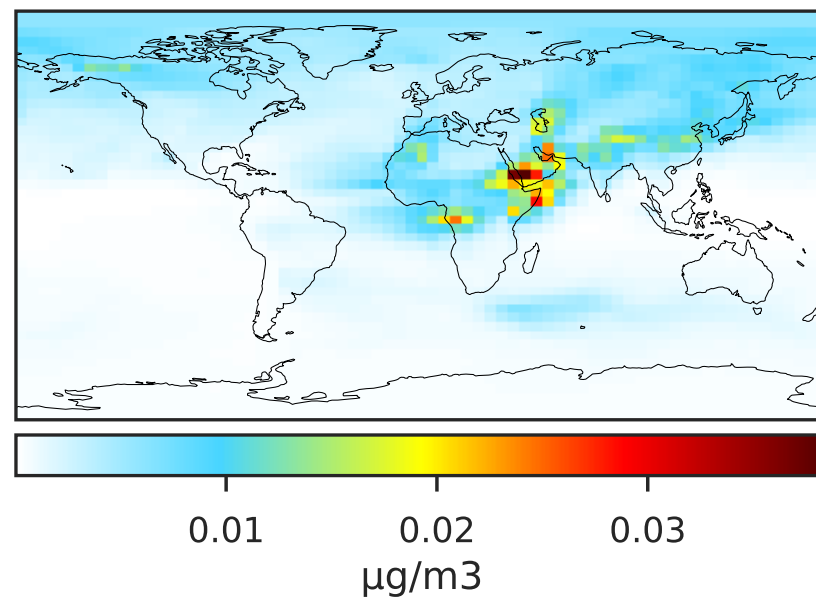


SpeciesConcVV_BCPI

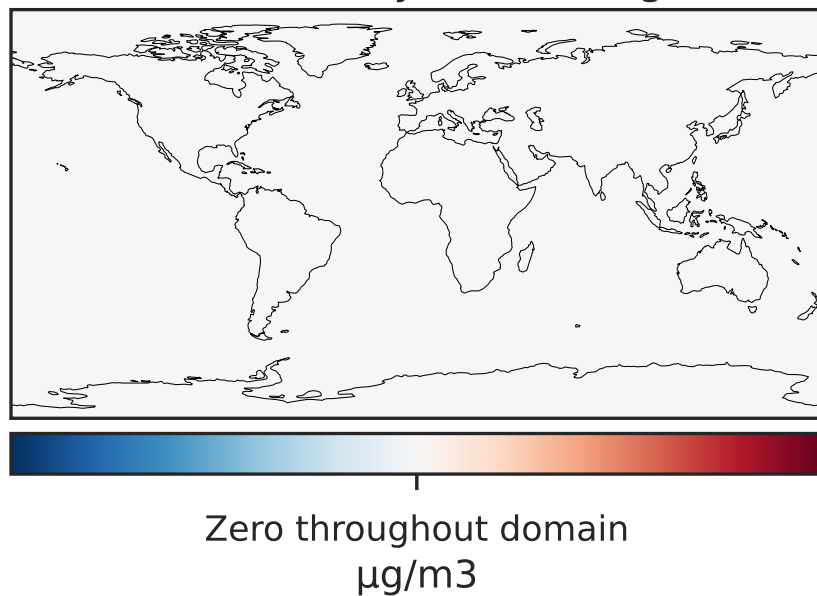
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



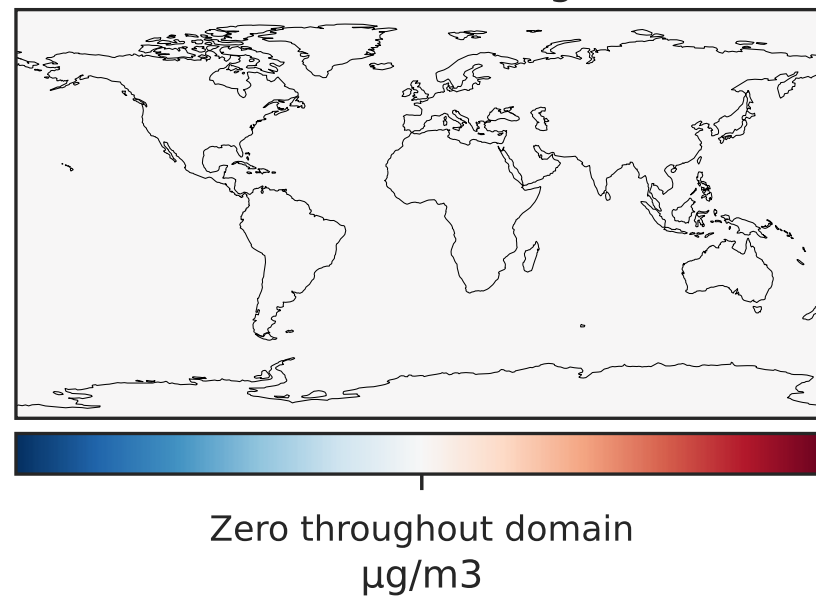
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



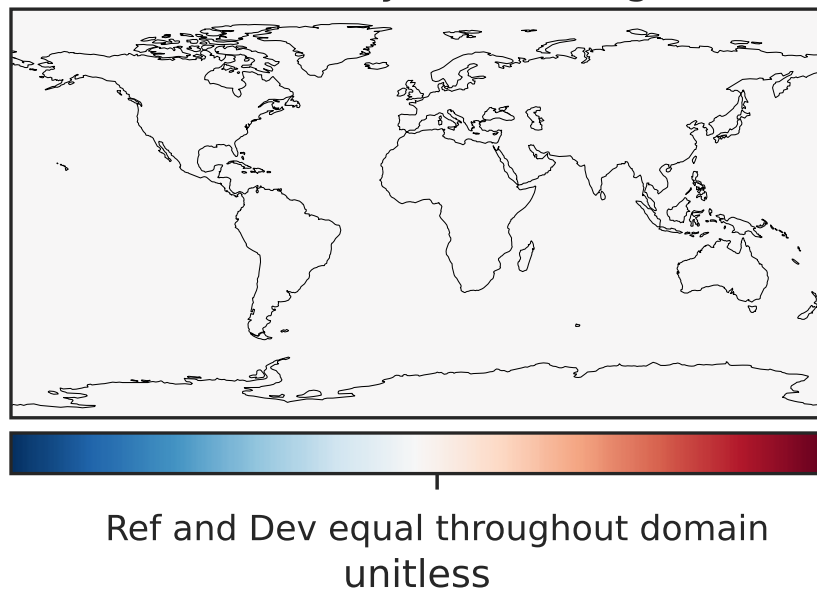
Difference
Dev - Ref, Dynamic Range



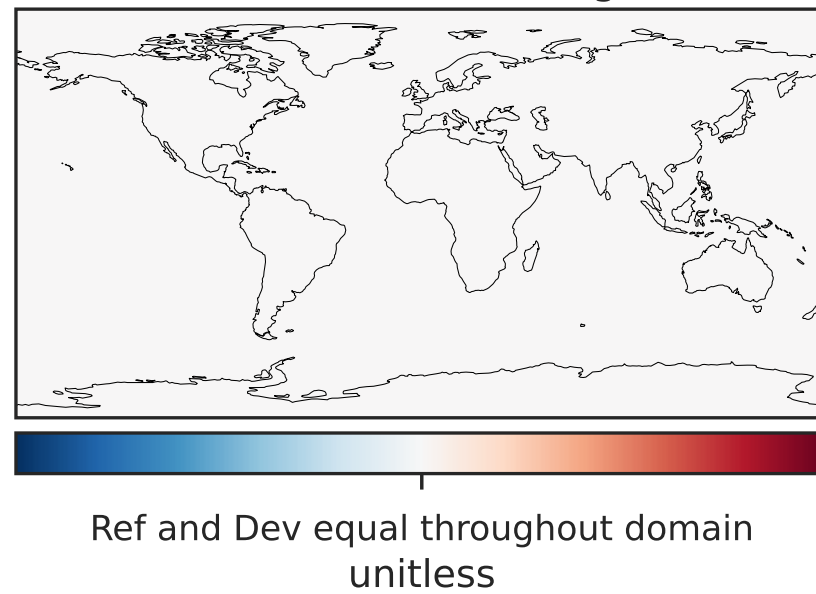
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

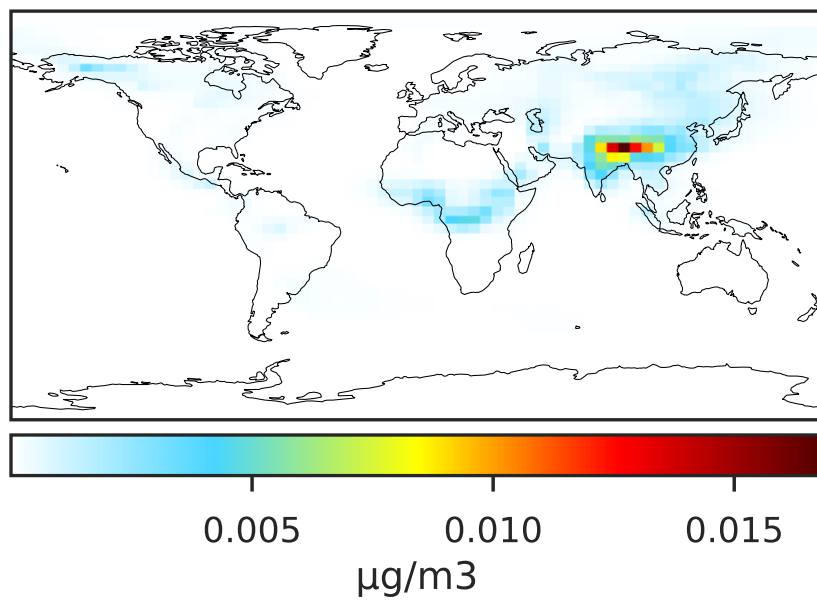


Ratio
Dev/Ref, Fixed Range

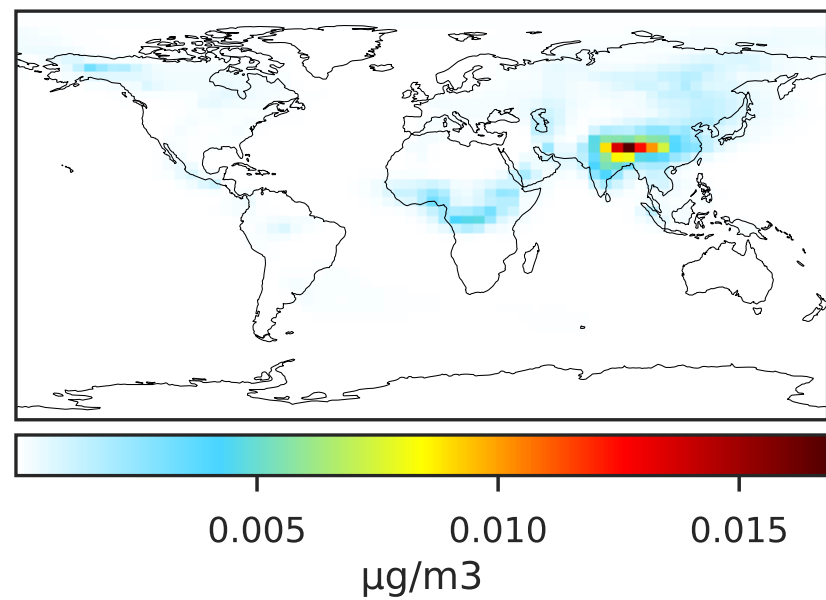


SpeciesConcVV_BCPO

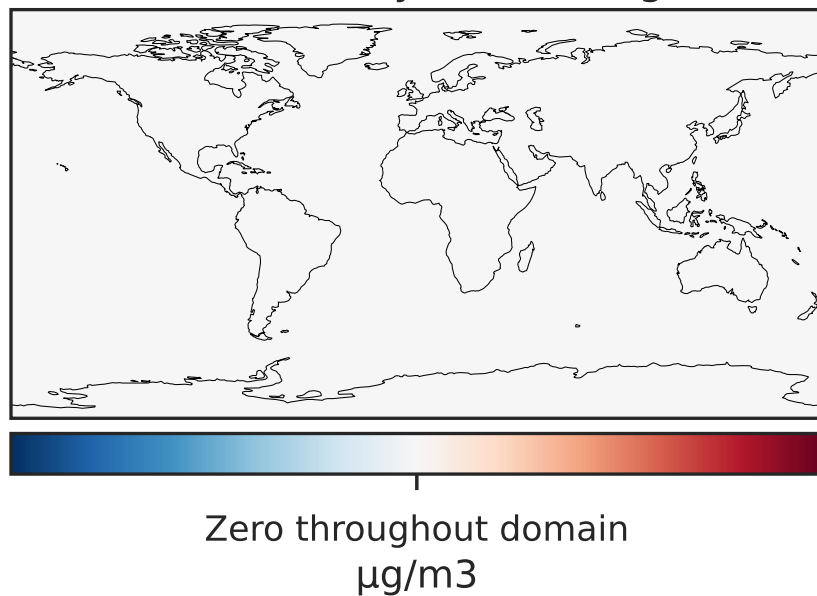
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



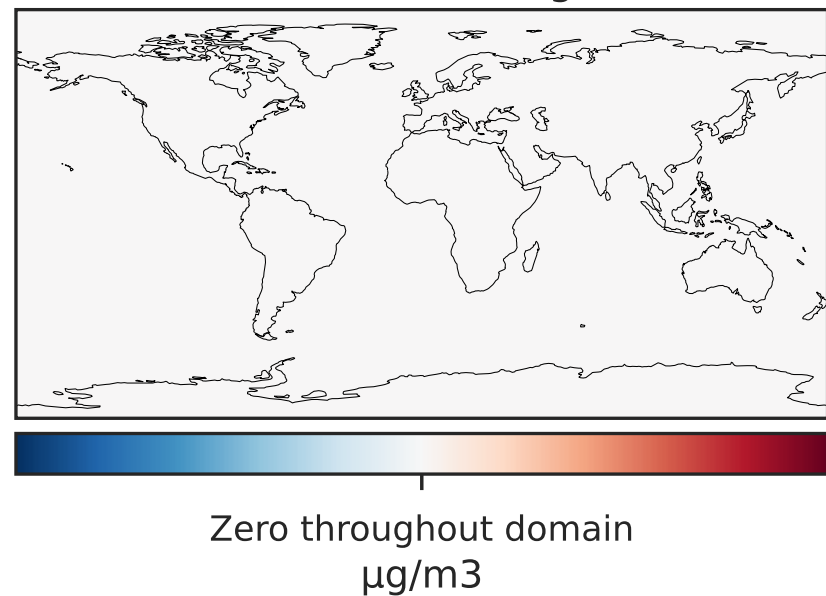
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



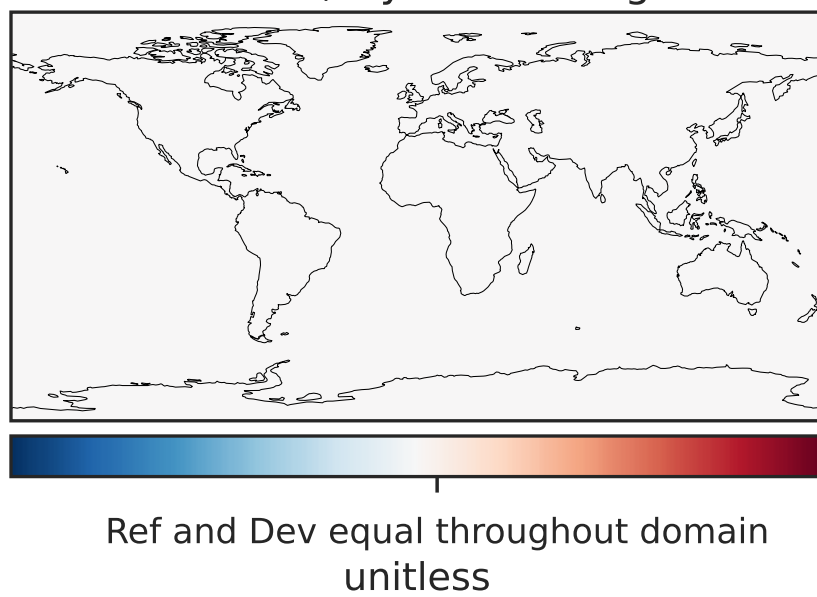
Difference
Dev - Ref, Dynamic Range



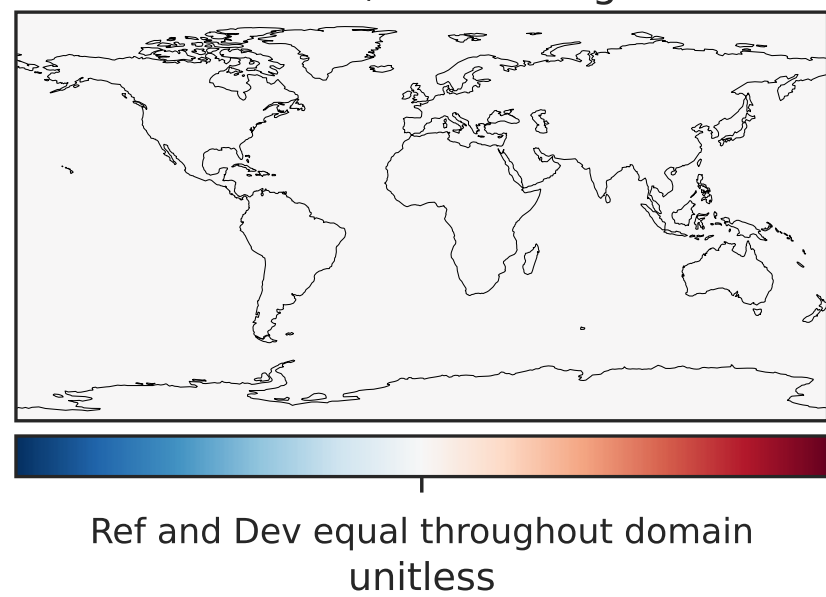
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

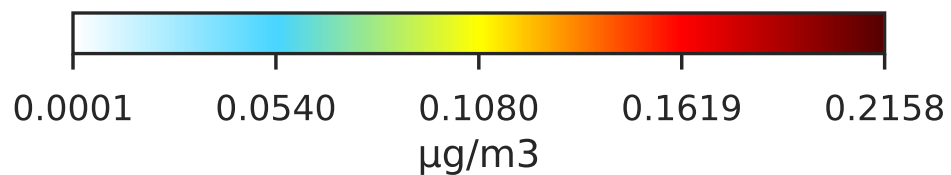
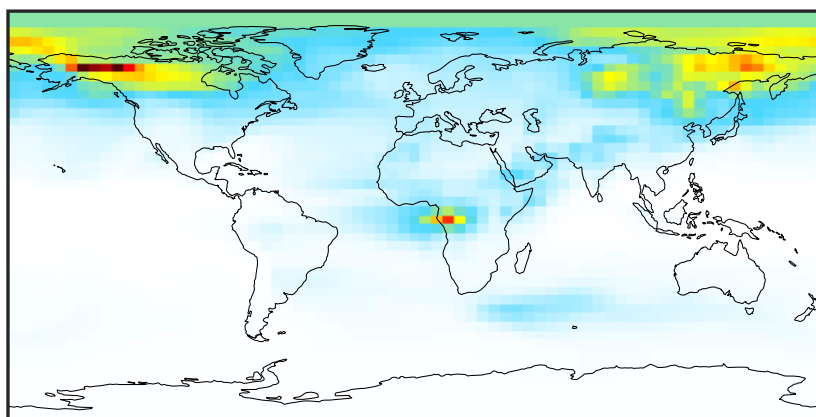


Ratio
Dev/Ref, Fixed Range

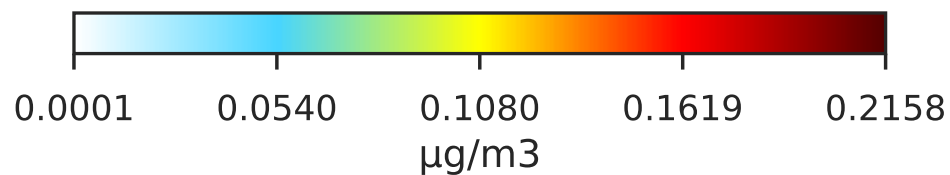
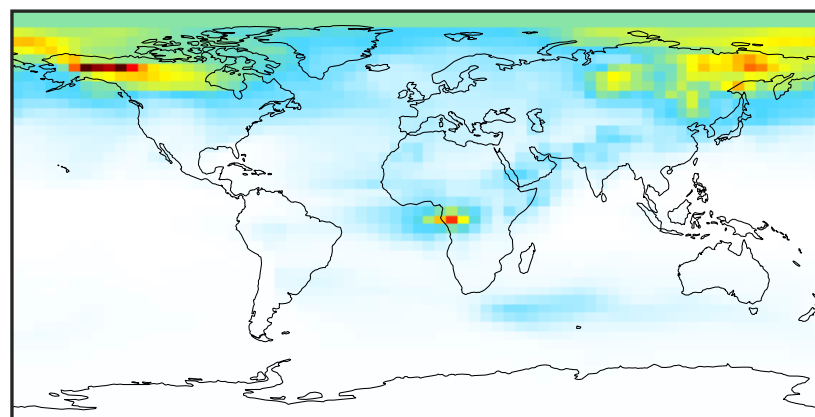


SpeciesConcVV_OCPI

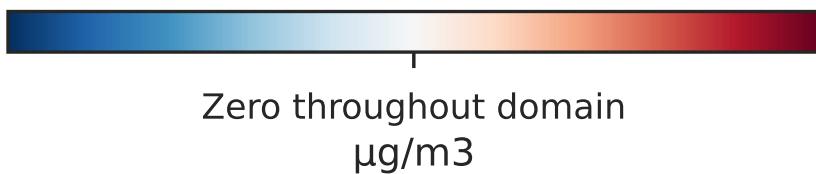
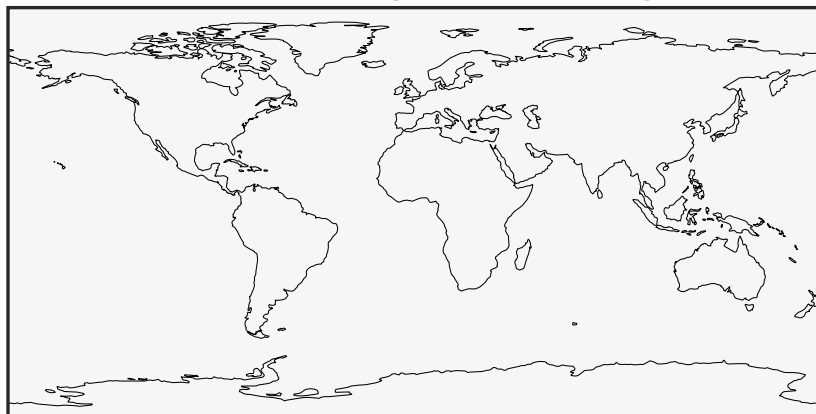
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



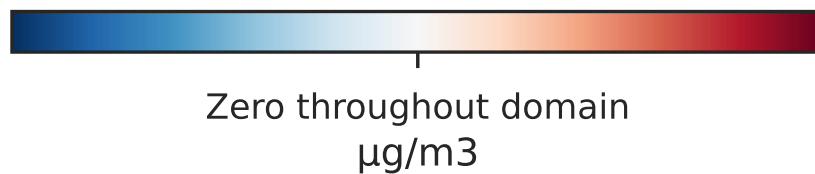
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



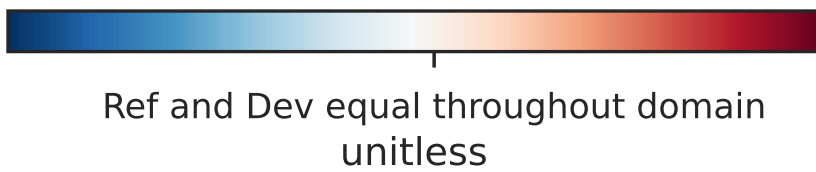
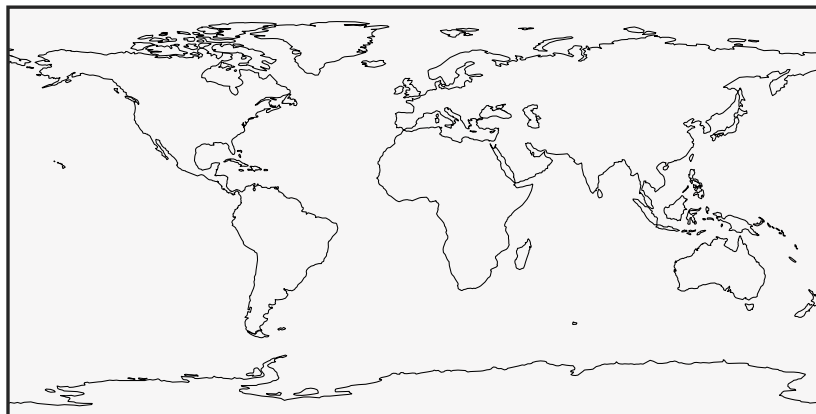
Difference
Dev - Ref, Dynamic Range



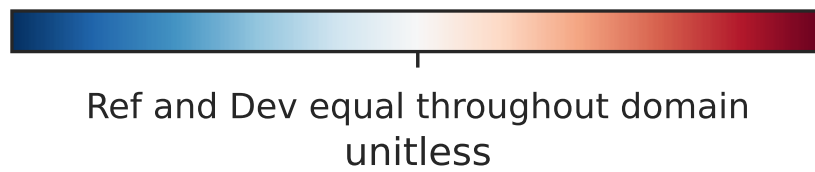
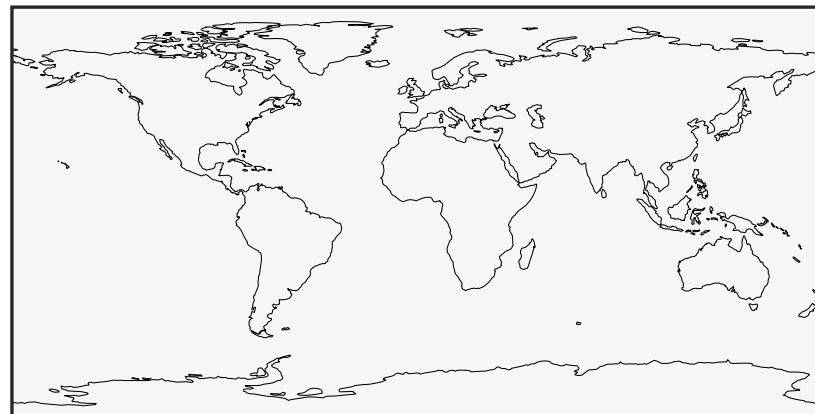
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

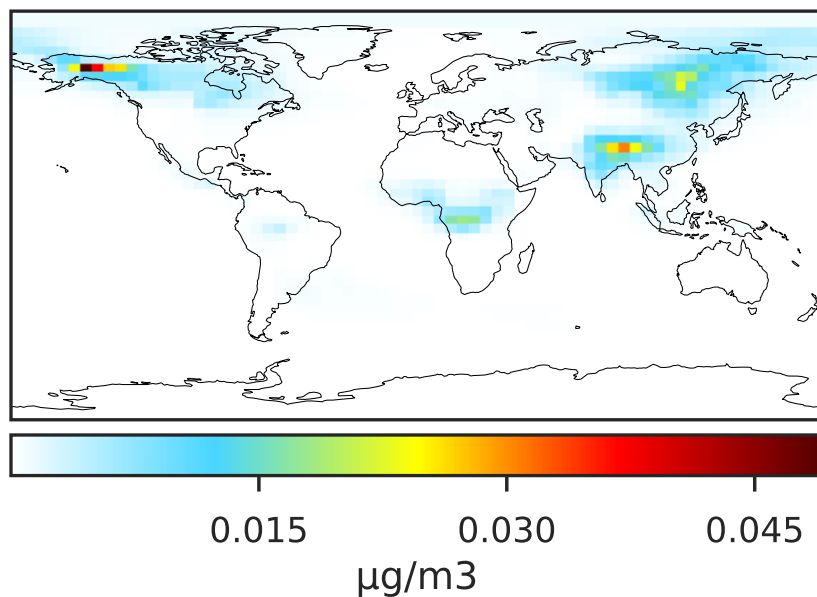


Ratio
Dev/Ref, Fixed Range

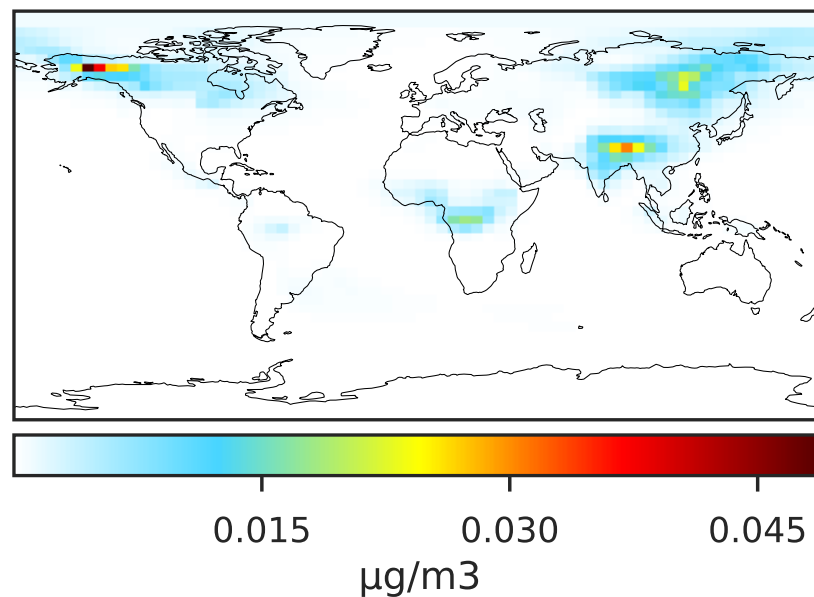


SpeciesConcVV_OCPO

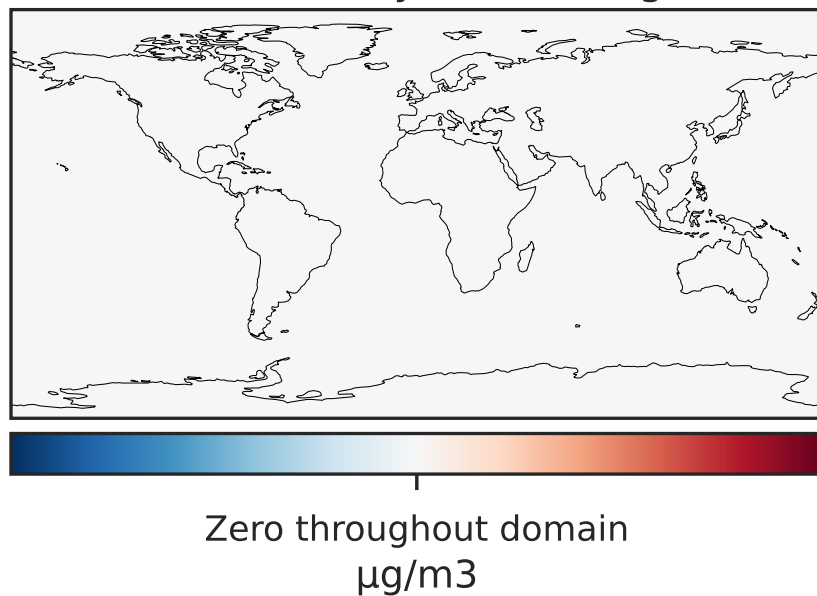
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



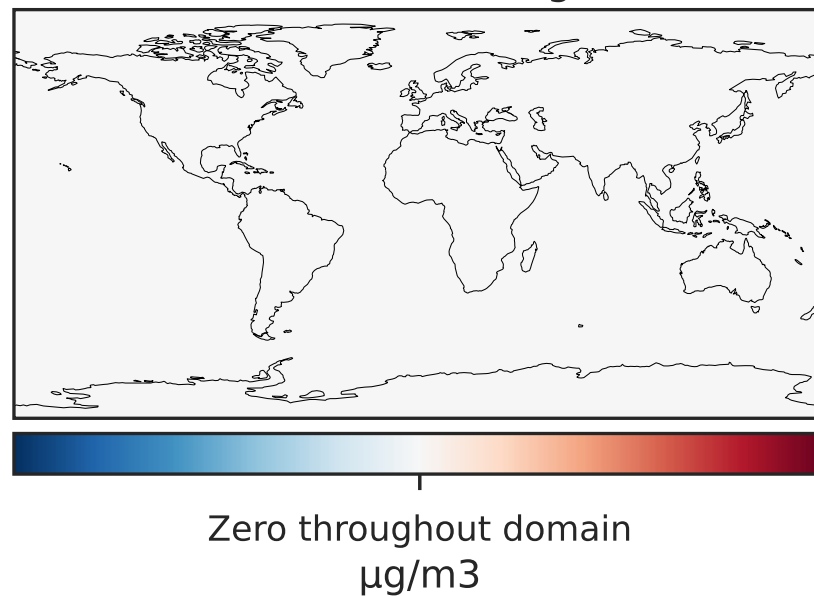
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



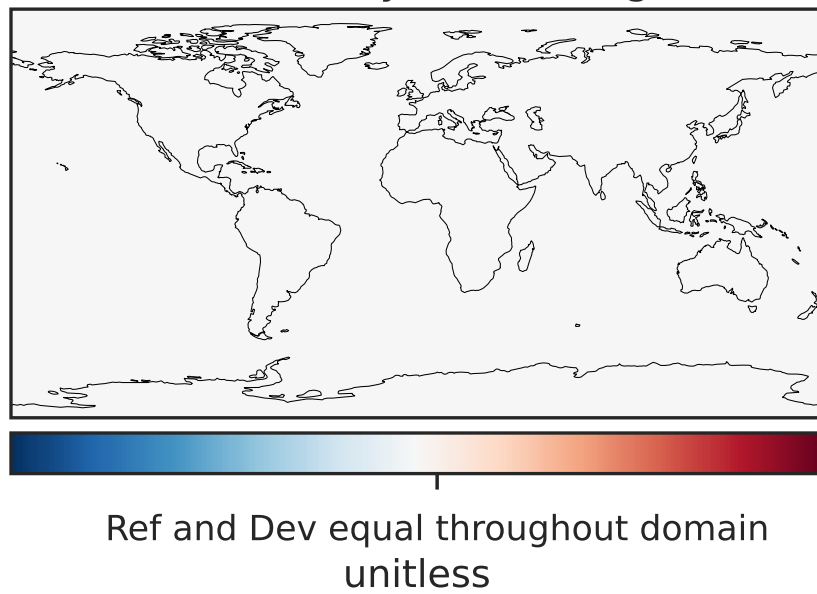
Difference
Dev - Ref, Dynamic Range



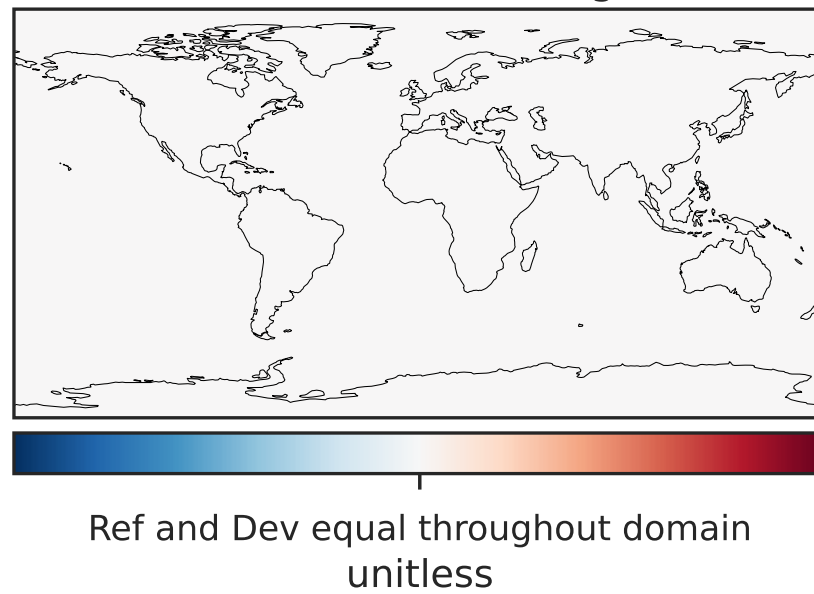
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

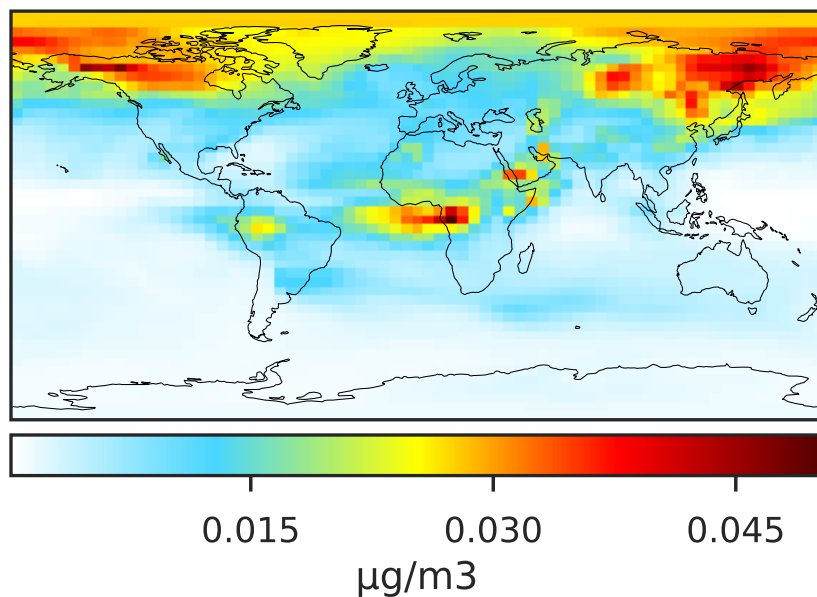


Ratio
Dev/Ref, Fixed Range

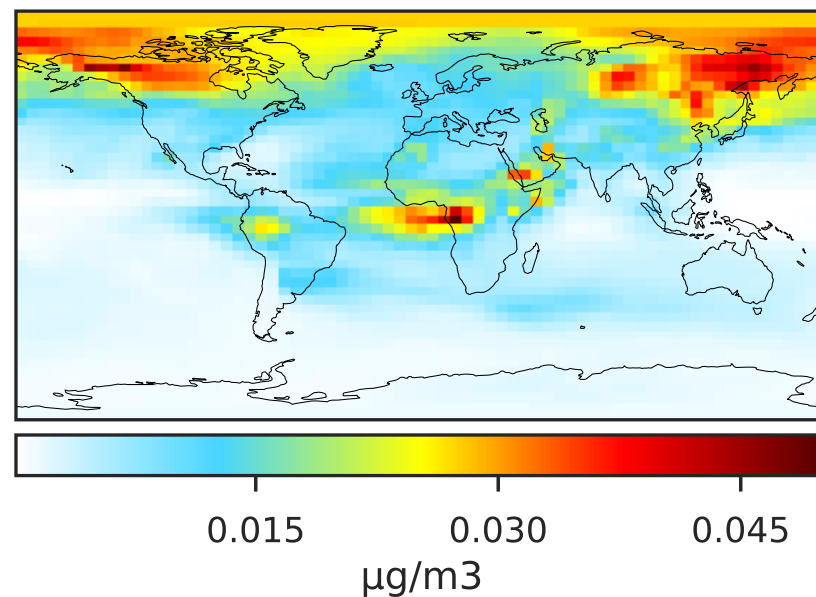


SpeciesConcVV_Complex_SOA

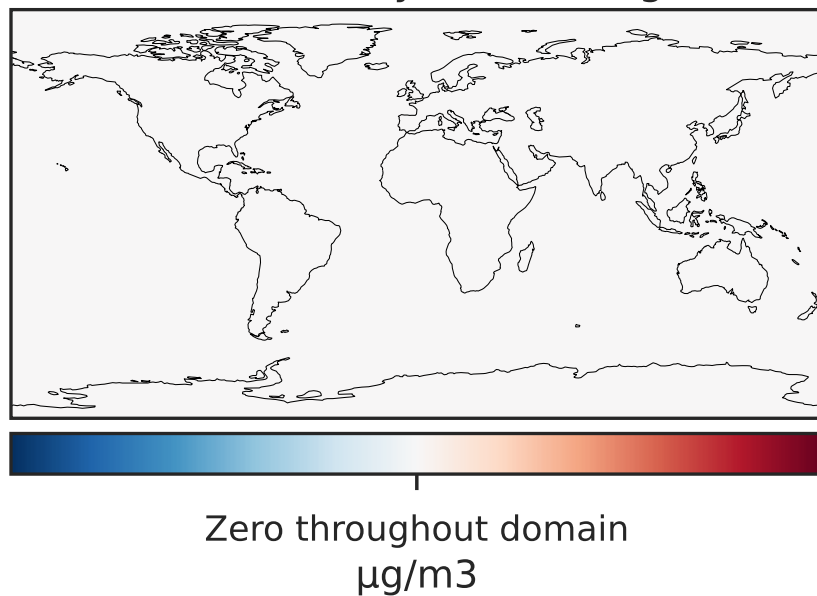
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



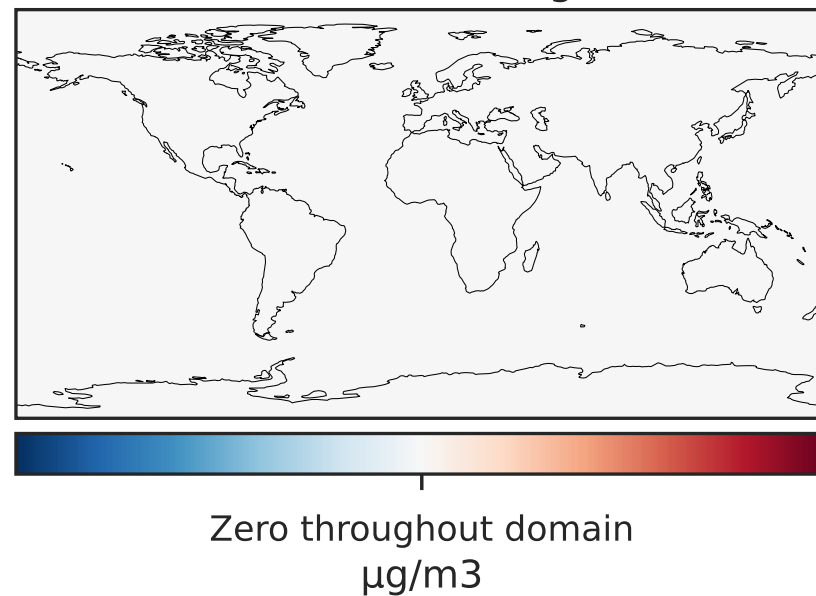
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



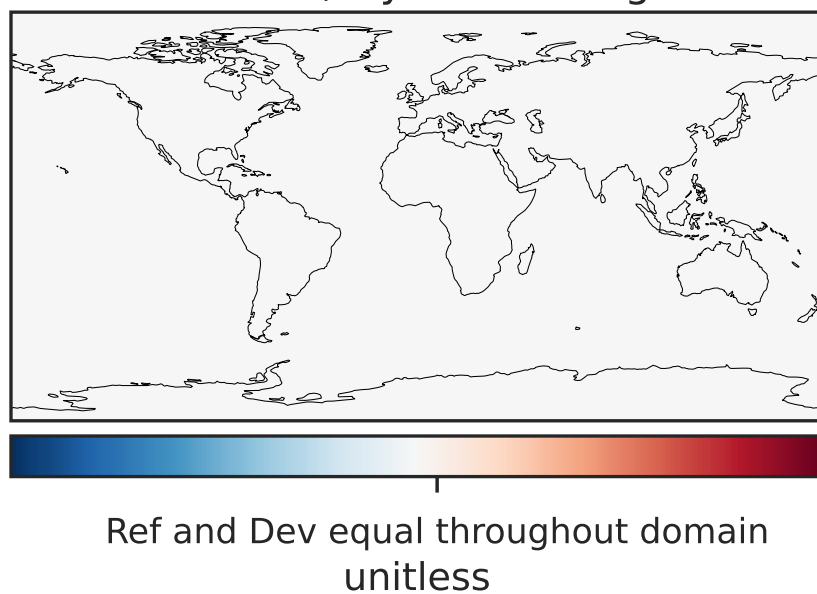
Difference
Dev - Ref, Dynamic Range



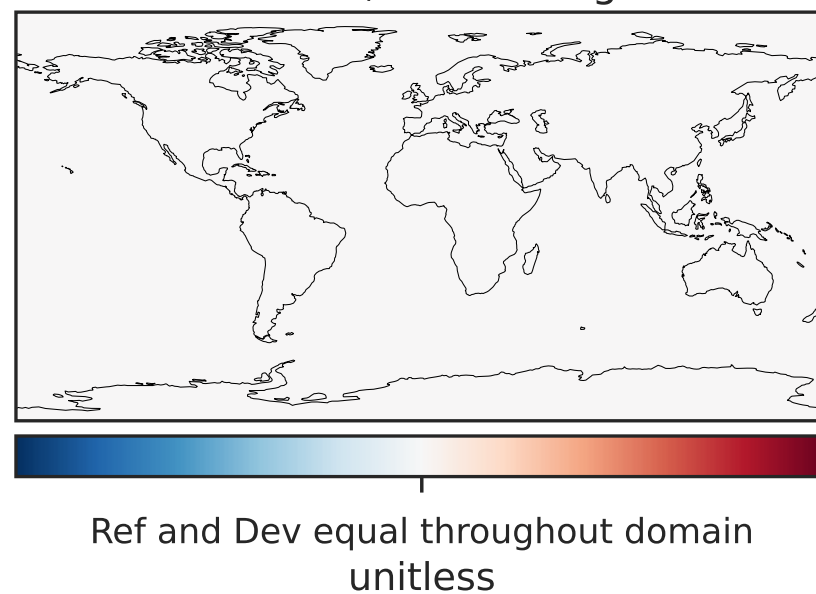
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

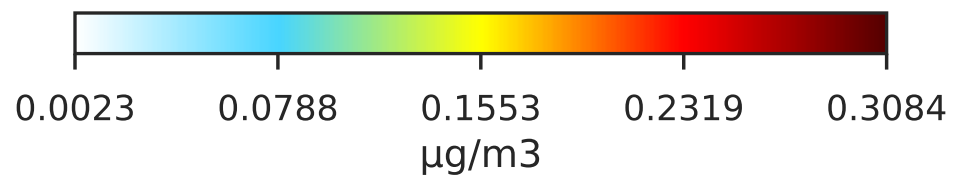
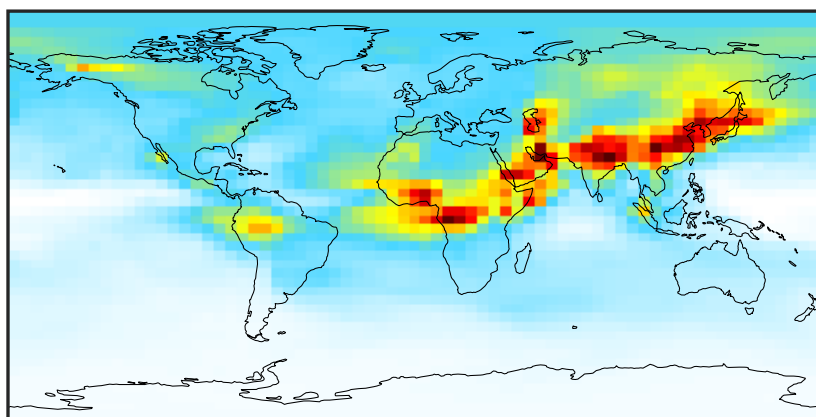


Ratio
Dev/Ref, Fixed Range

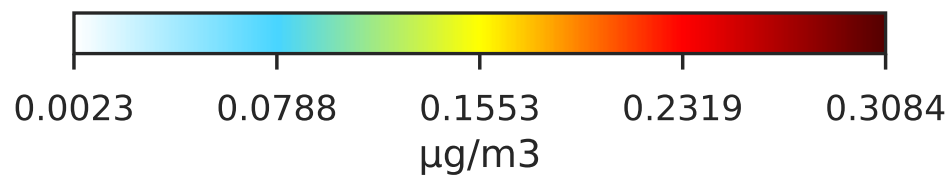
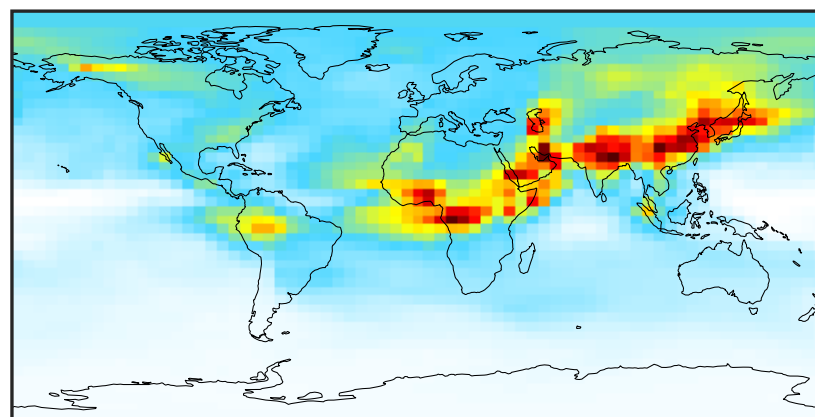


SpeciesConcVV_Simple_SOA

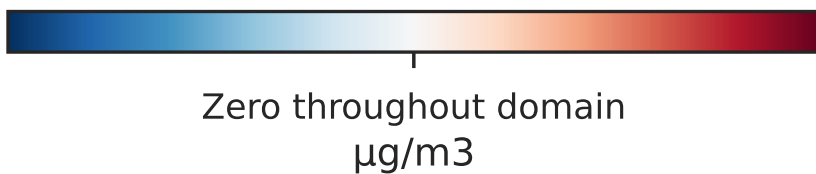
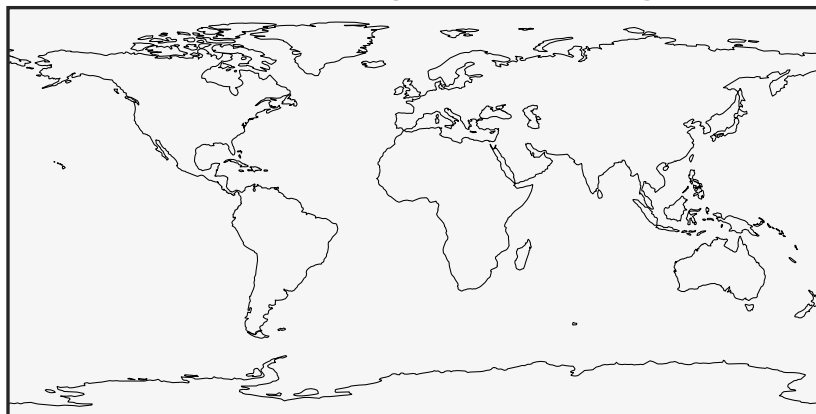
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



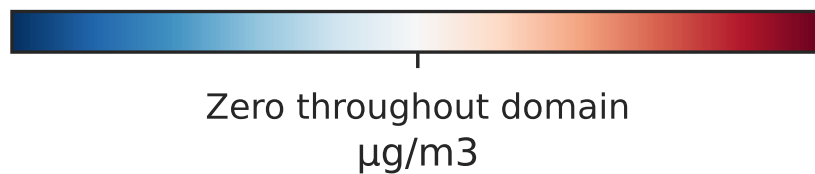
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



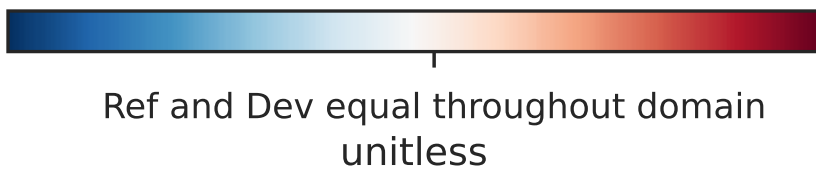
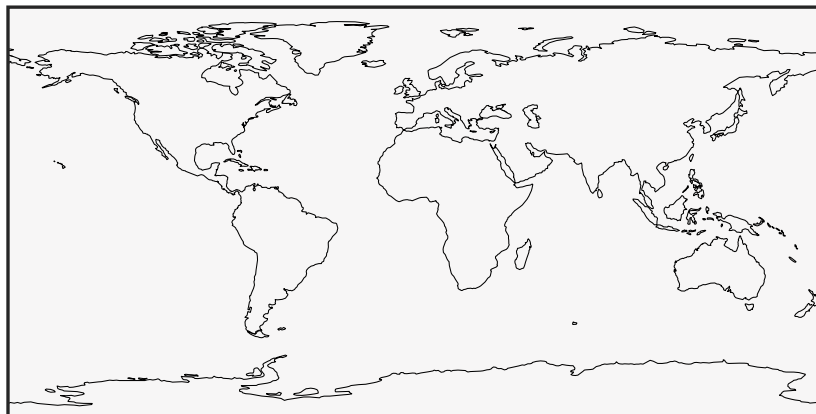
Difference
Dev - Ref, Dynamic Range



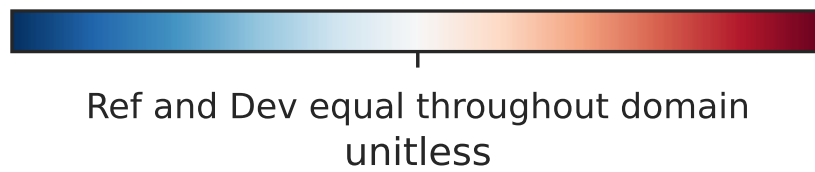
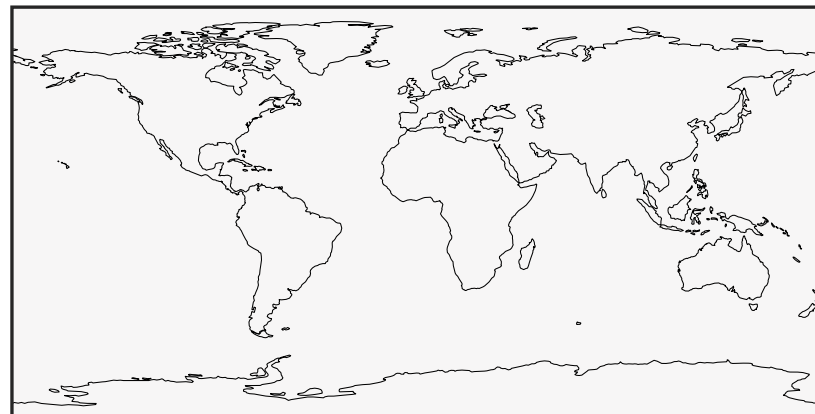
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

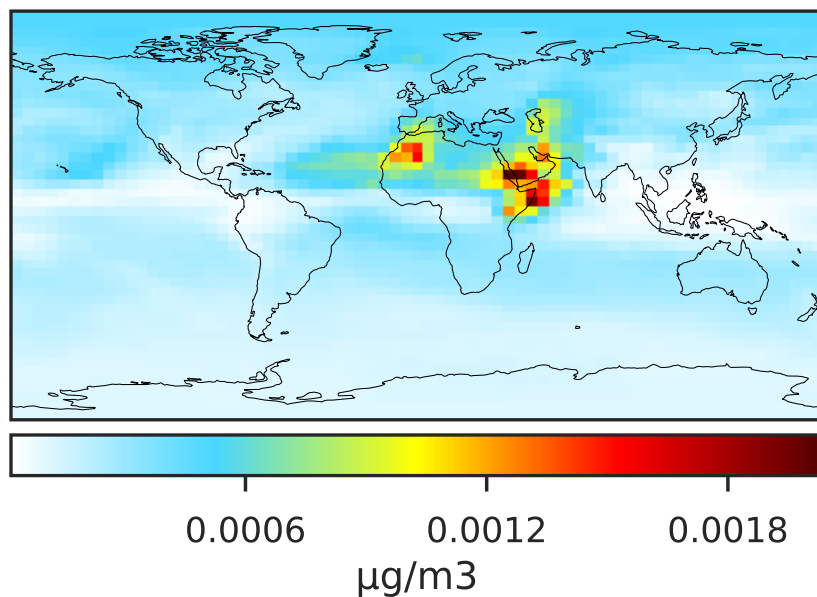


Ratio
Dev/Ref, Fixed Range

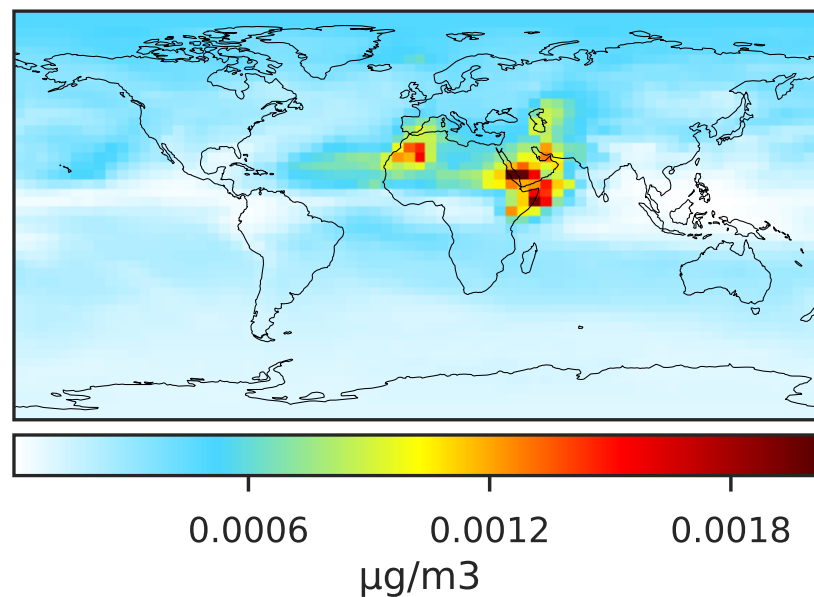


SpeciesConcVV_AERI

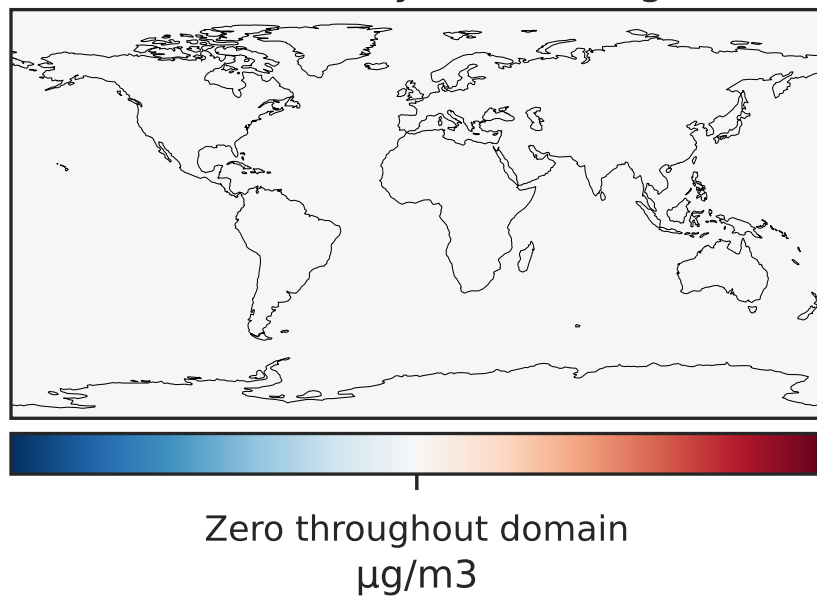
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



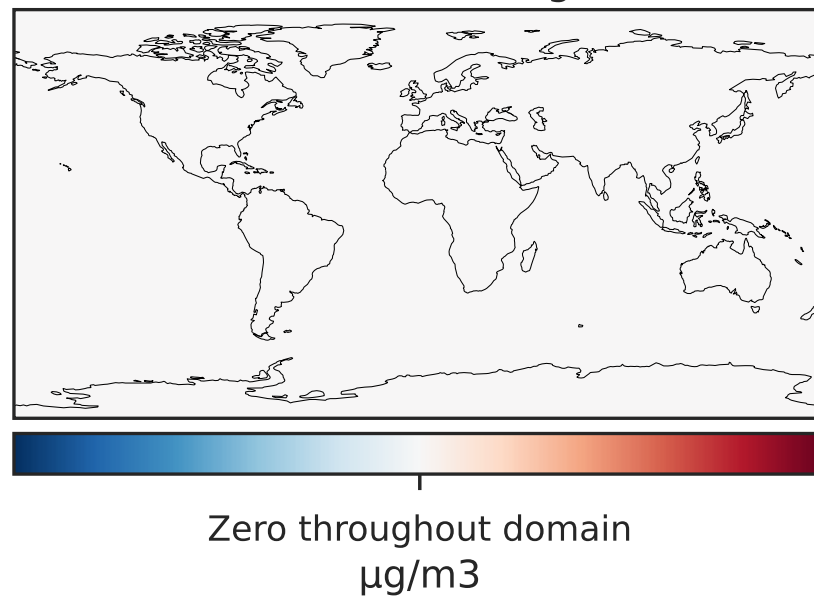
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



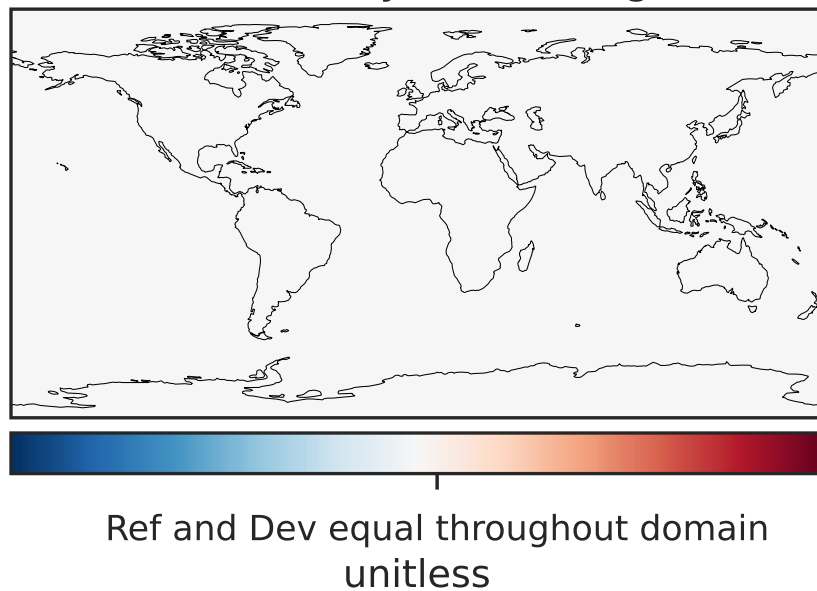
Difference
Dev - Ref, Dynamic Range



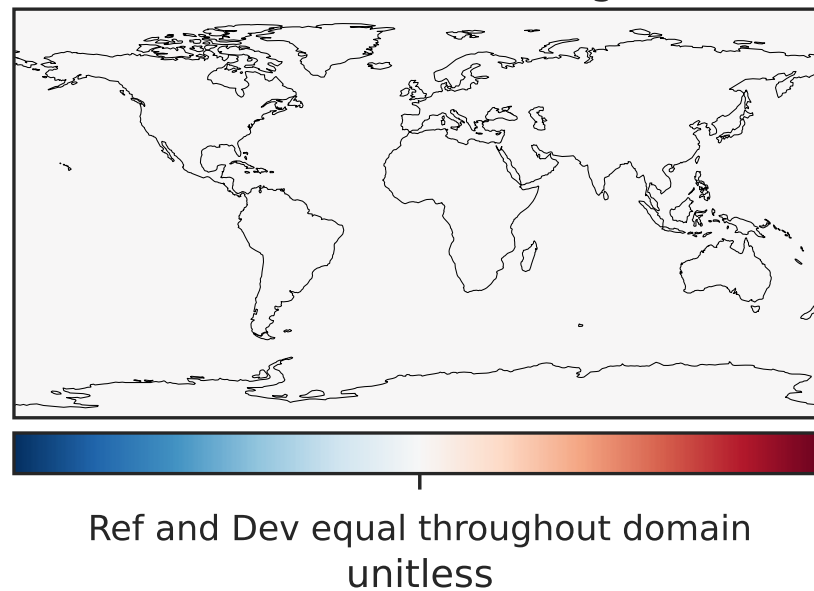
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

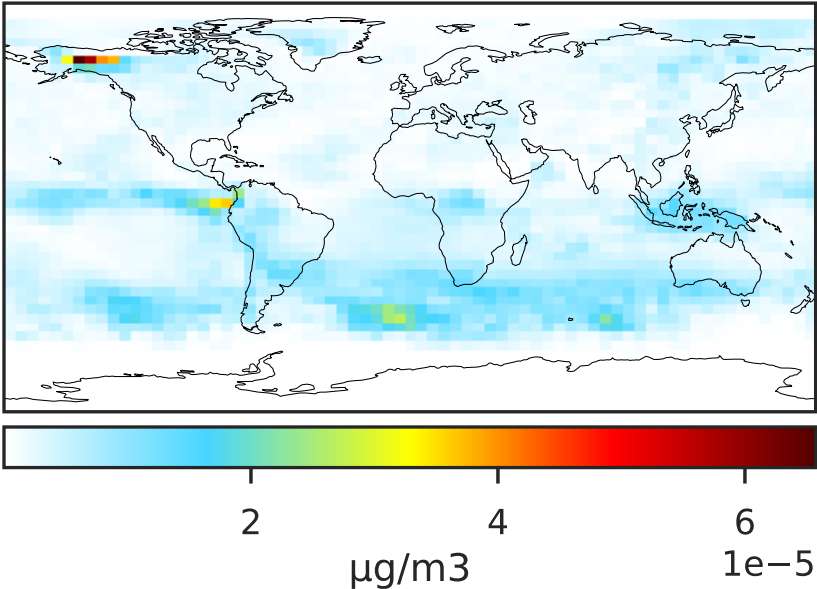


Ratio
Dev/Ref, Fixed Range

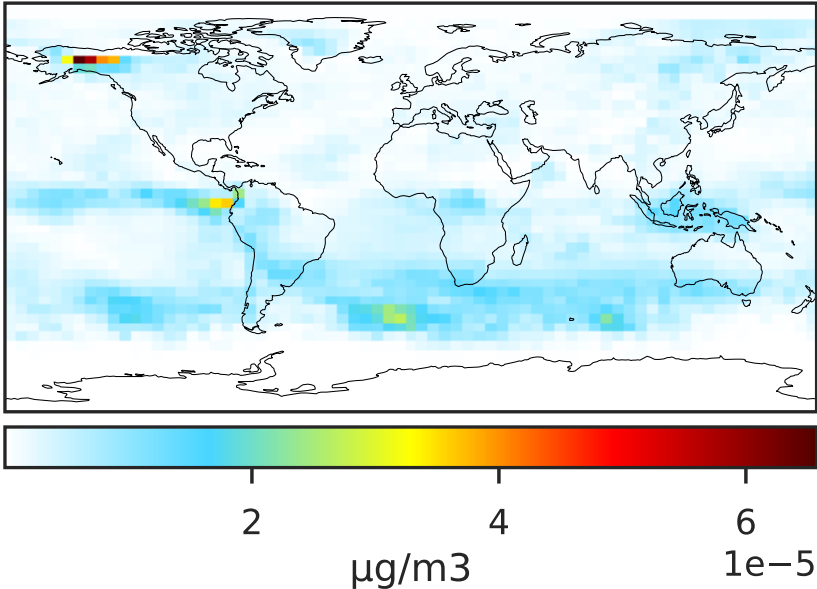


SpeciesConcVW_BrSALA

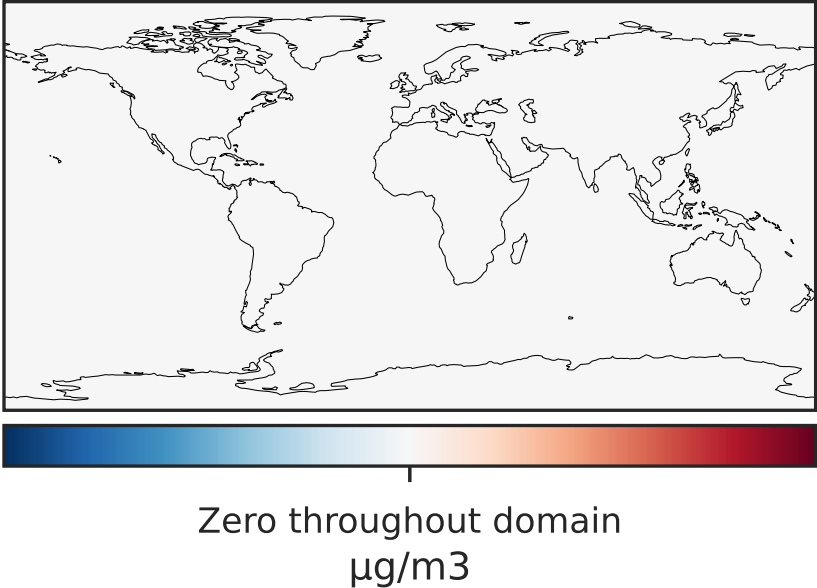
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



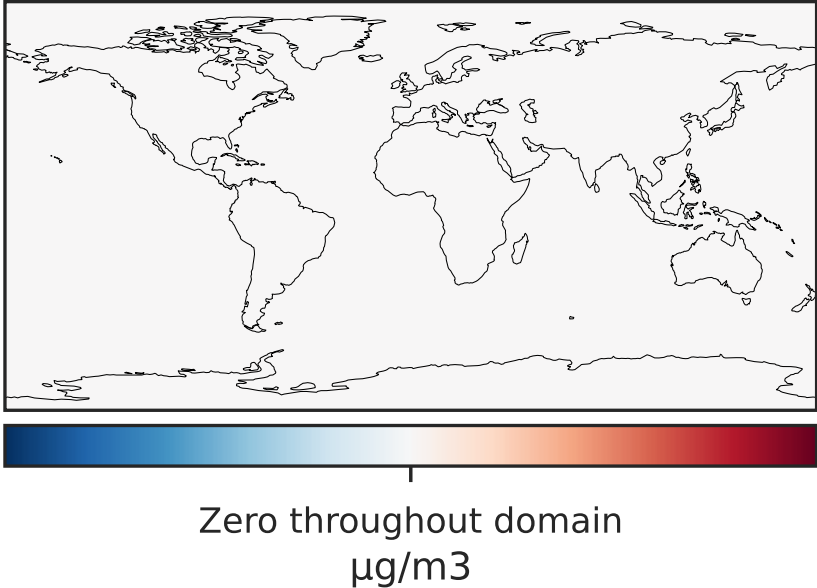
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



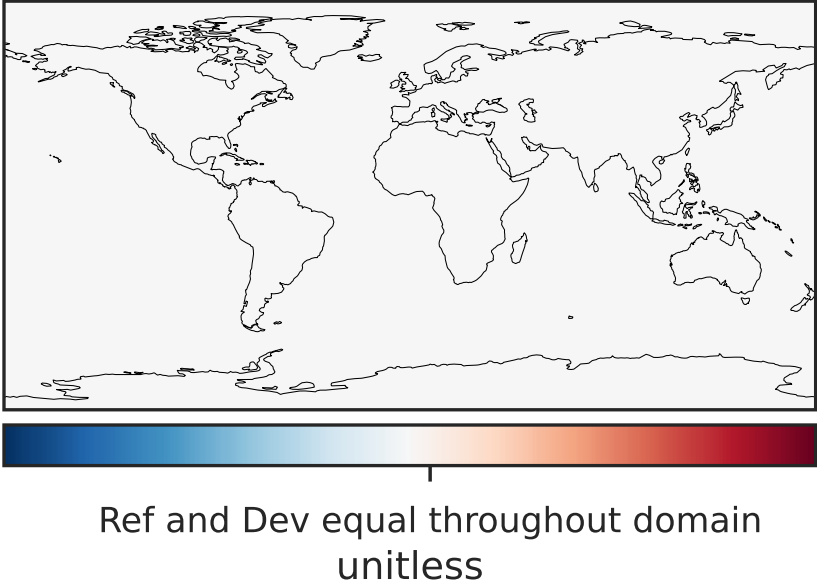
Difference
Dev - Ref, Dynamic Range



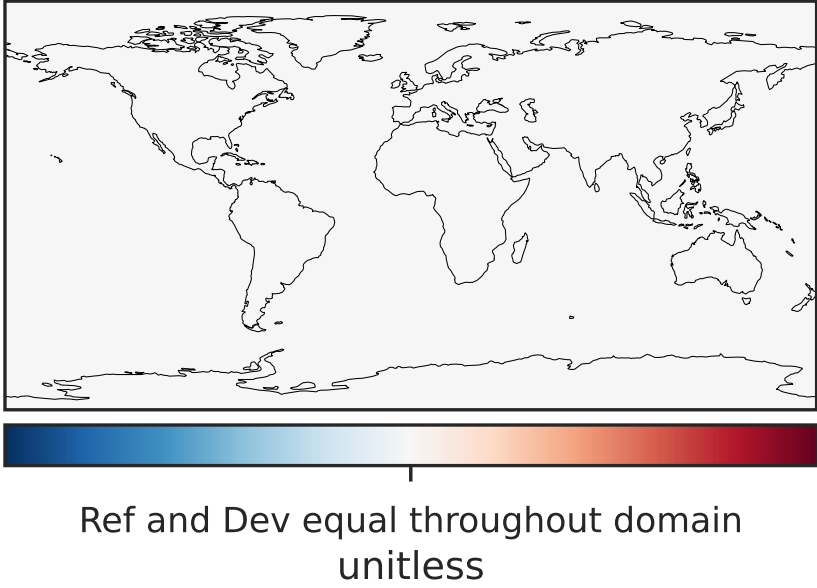
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

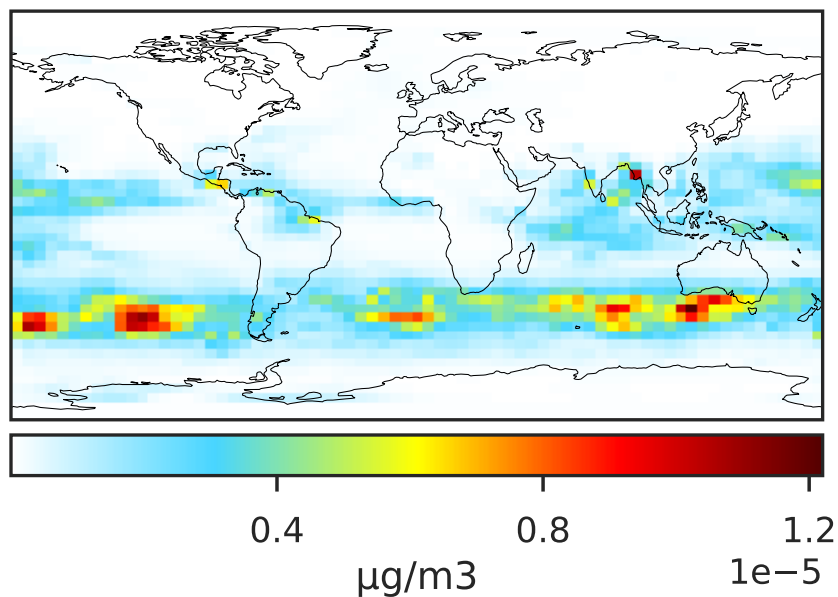


Ratio
Dev/Ref, Fixed Range

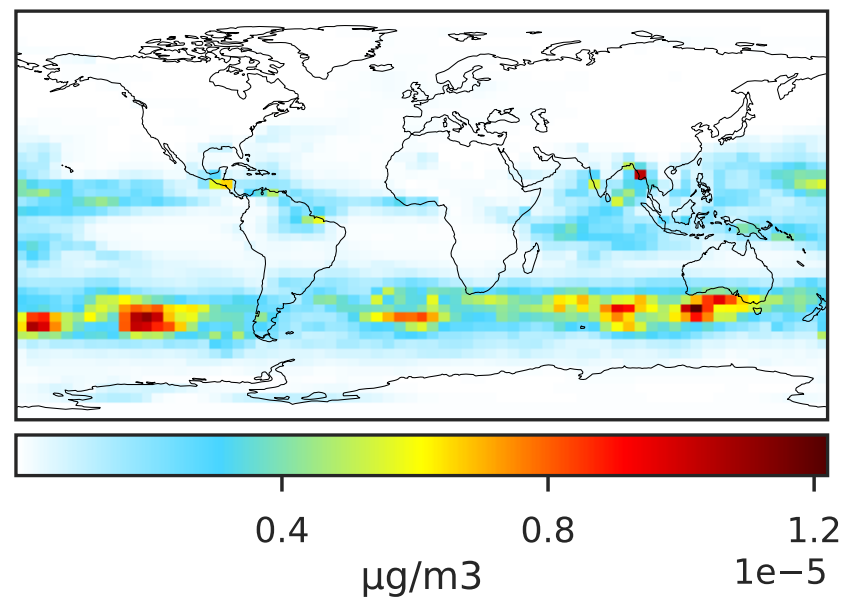


SpeciesConcVV_BrSALC

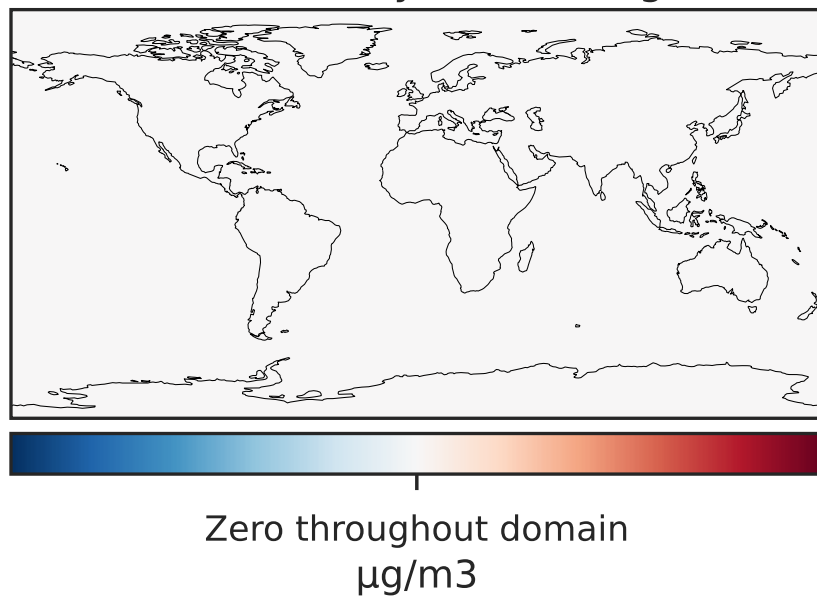
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



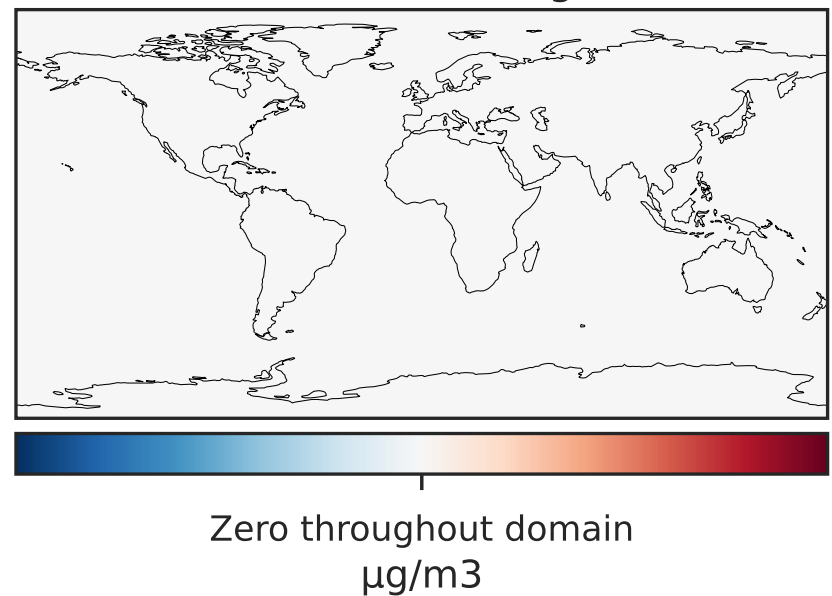
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



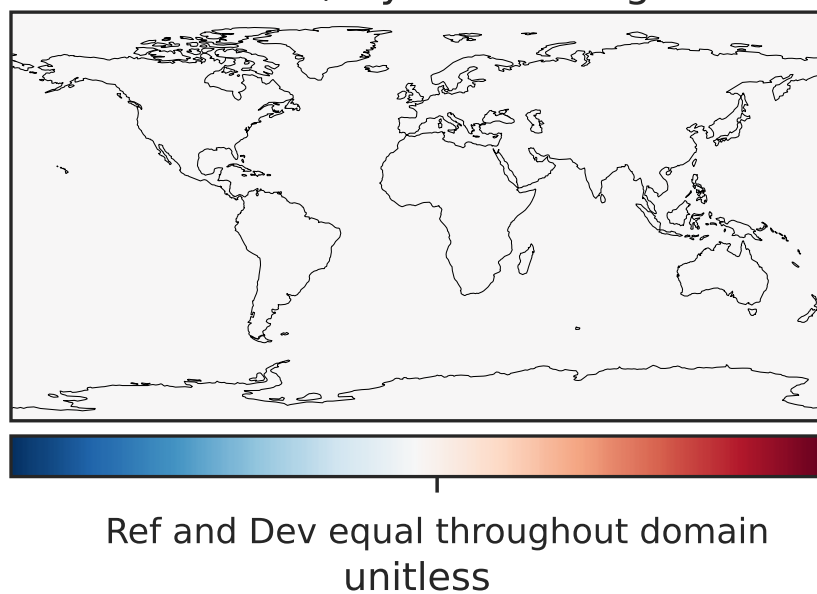
Difference
Dev - Ref, Dynamic Range



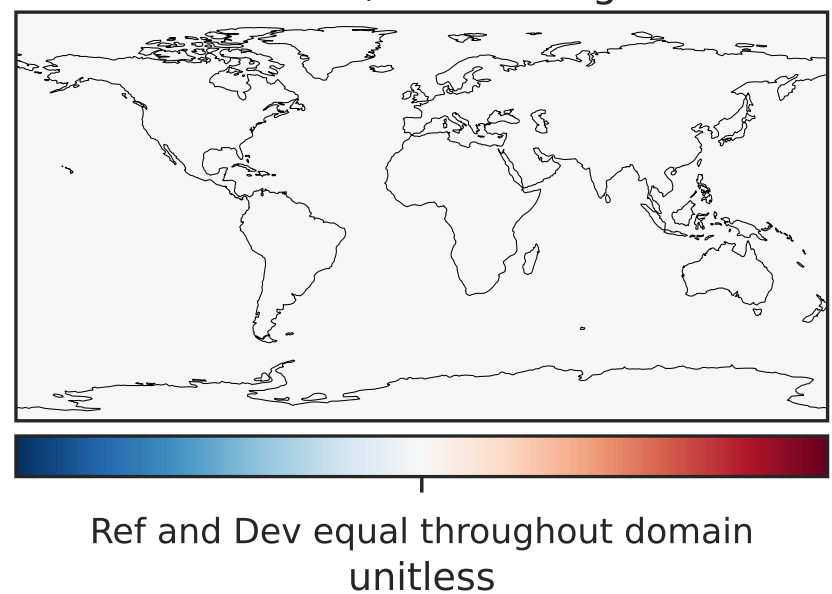
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

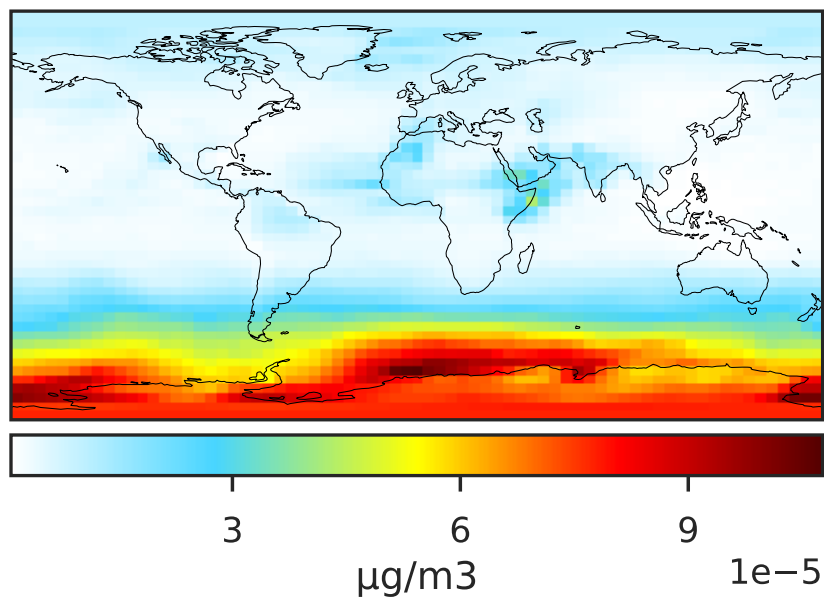


Ratio
Dev/Ref, Fixed Range

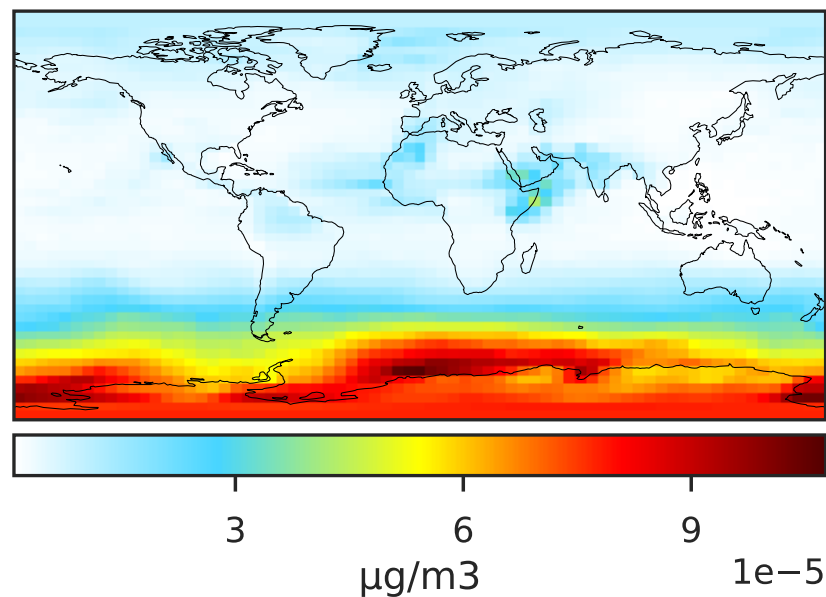


SpeciesConcVV_ISALA

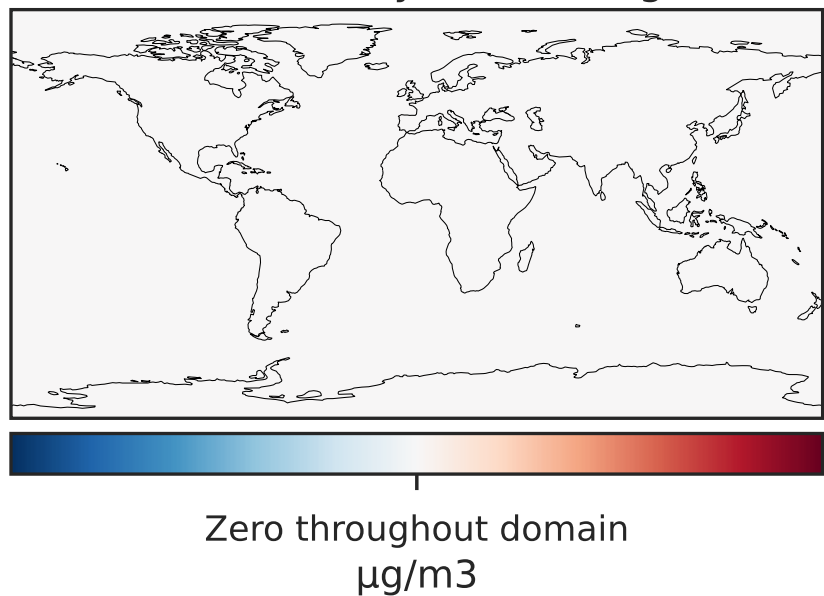
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



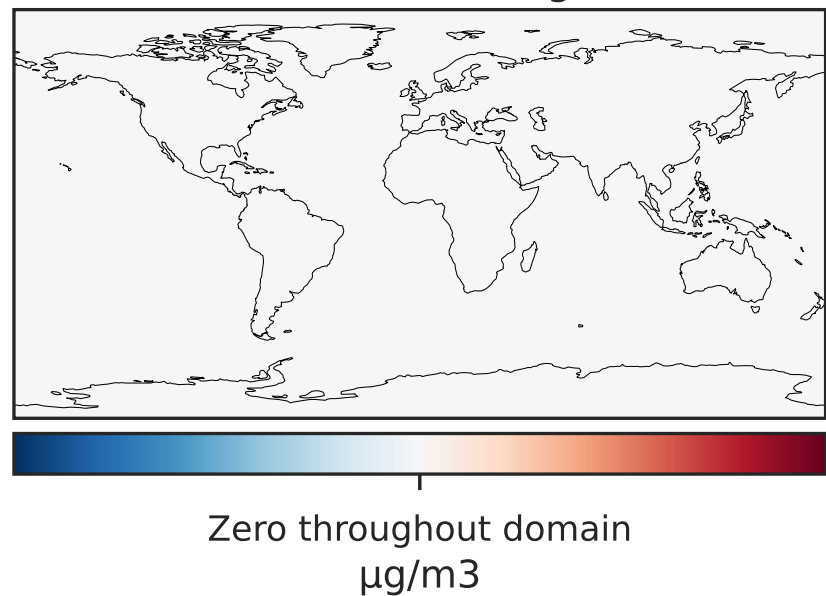
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



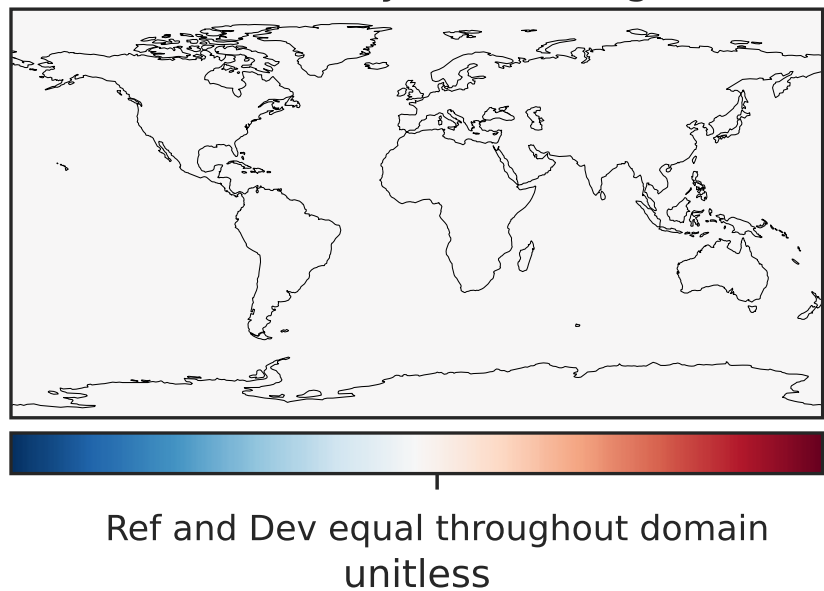
Difference
Dev - Ref, Dynamic Range



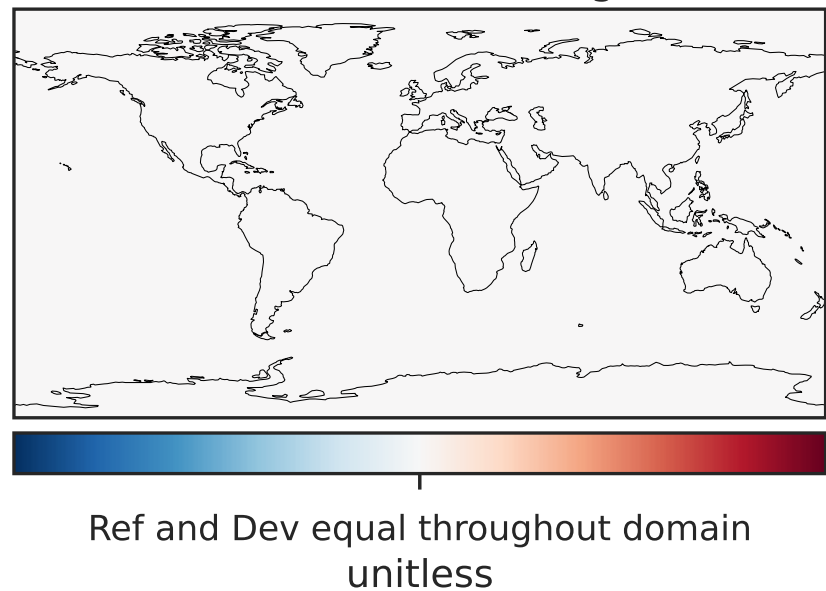
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

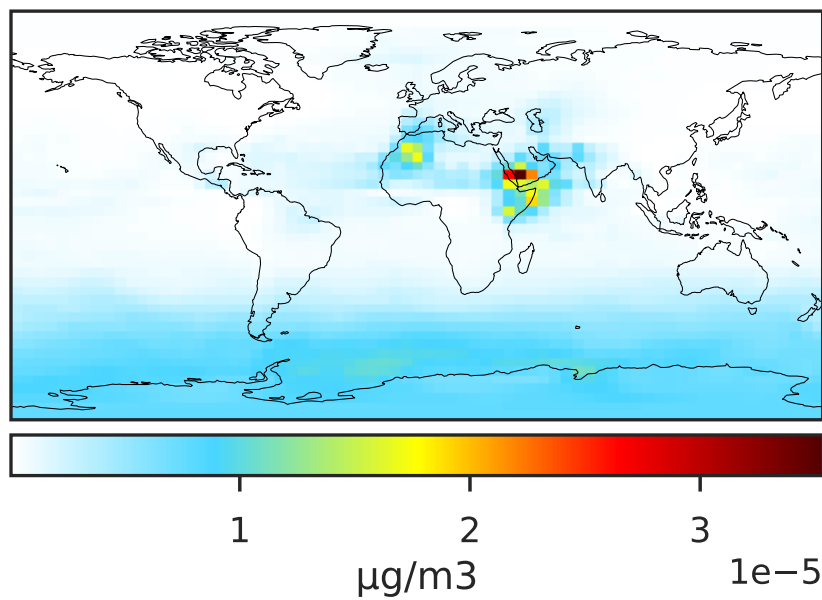


Ratio
Dev/Ref, Fixed Range

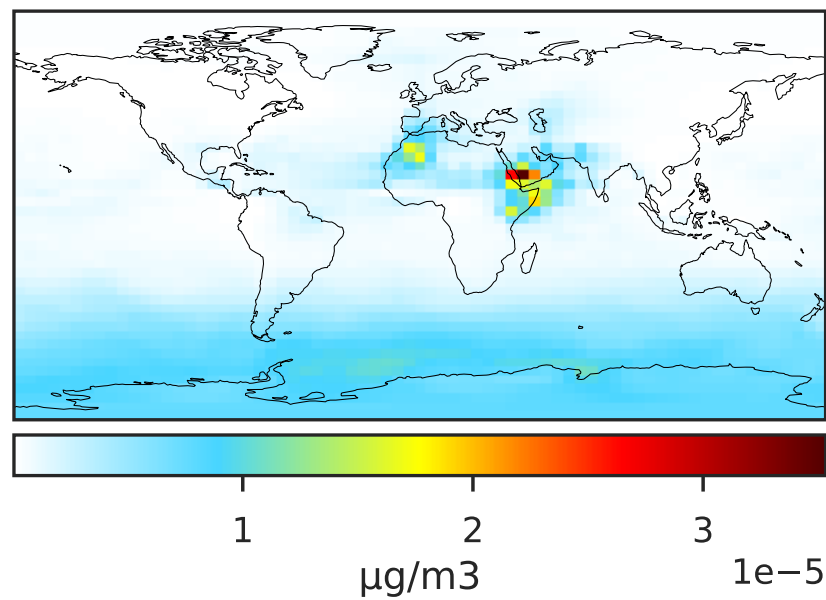


SpeciesConcVV_ISALC

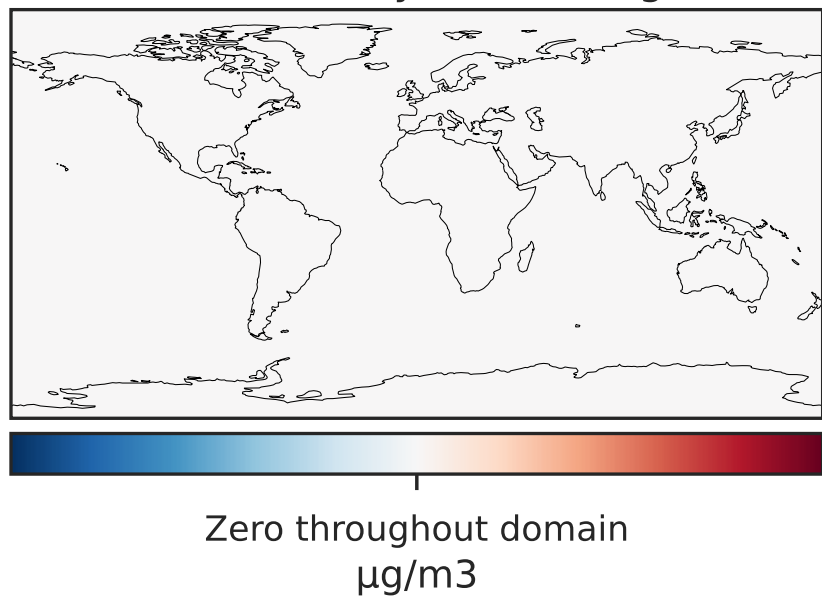
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



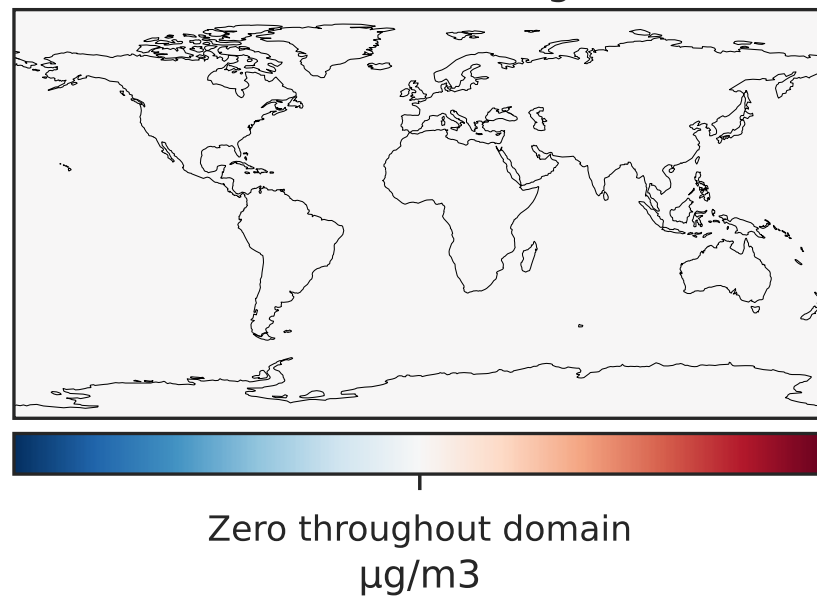
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



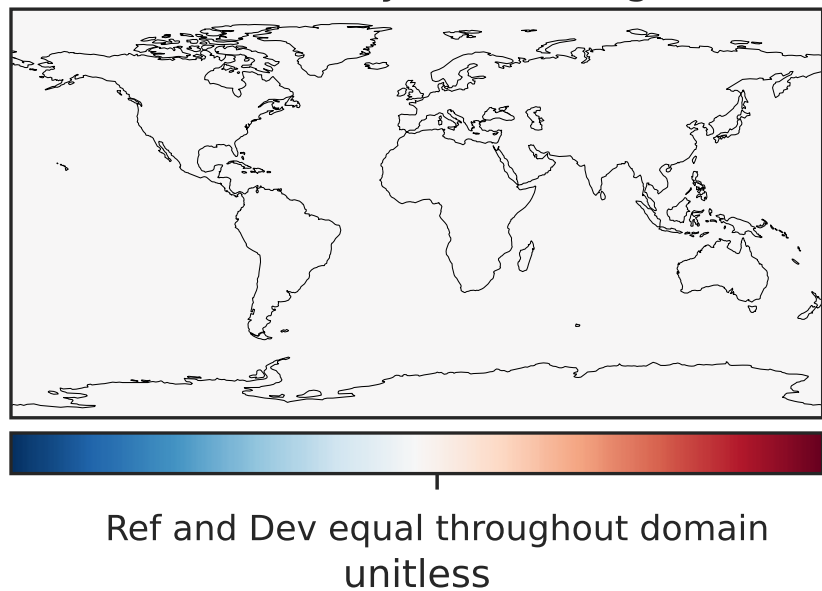
Difference
Dev - Ref, Dynamic Range



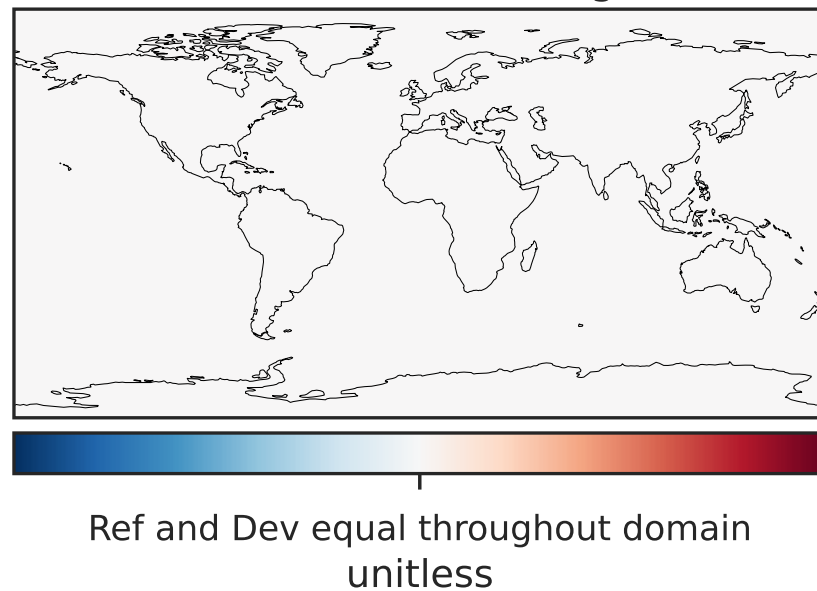
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

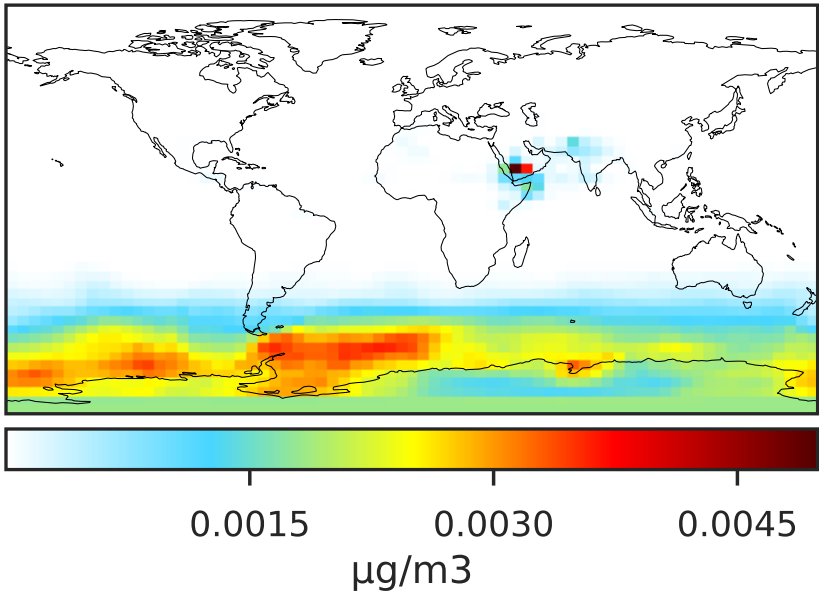


Ratio
Dev/Ref, Fixed Range

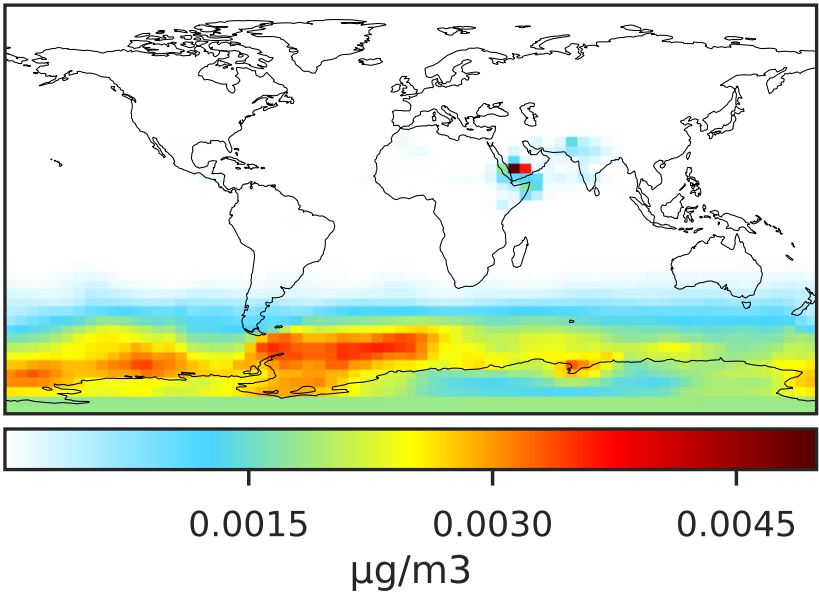


SpeciesConcVV_NITs

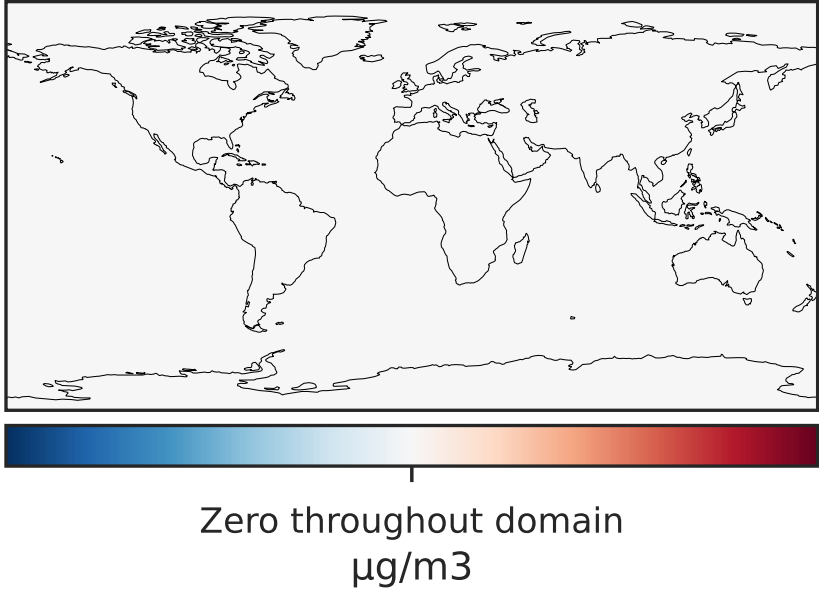
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



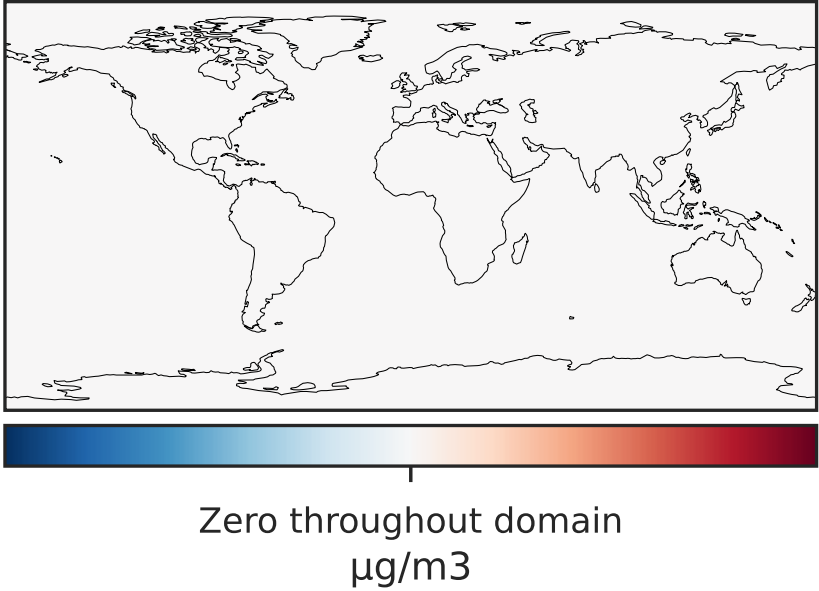
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



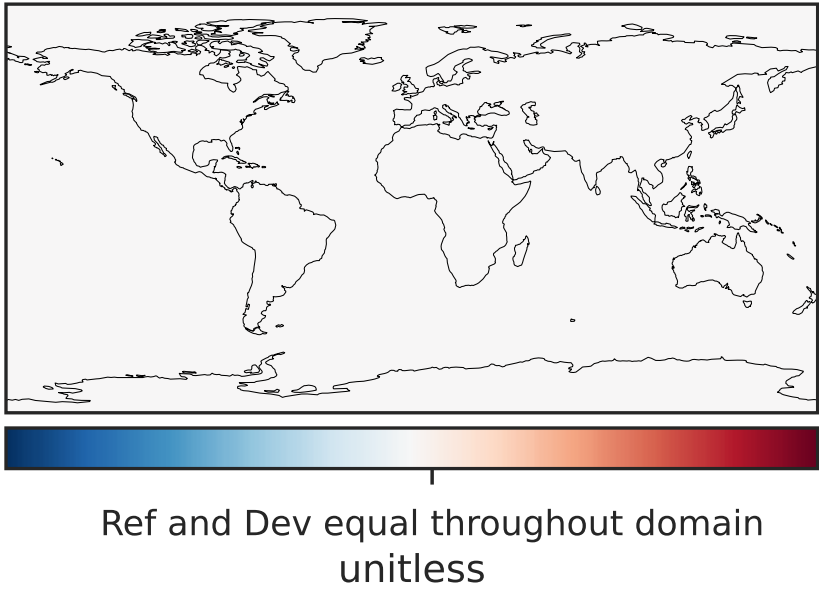
Difference
Dev - Ref, Dynamic Range



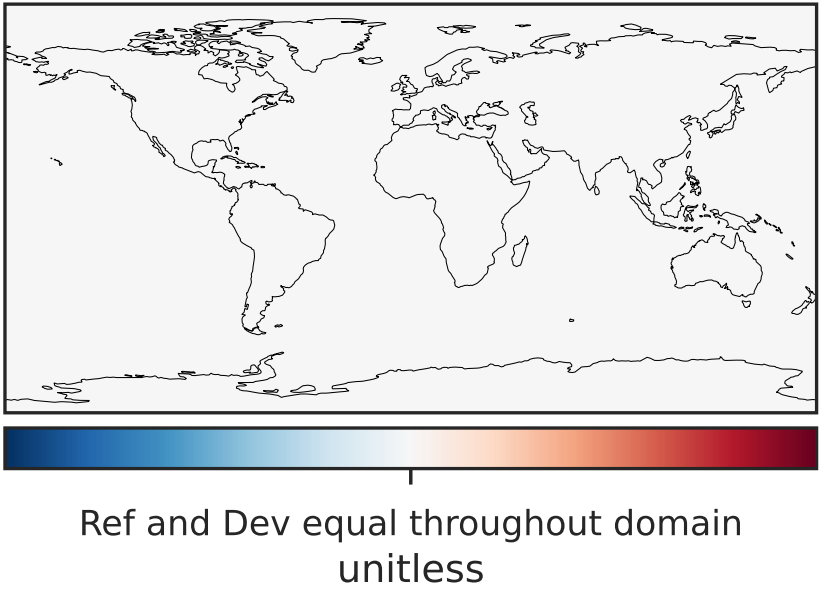
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

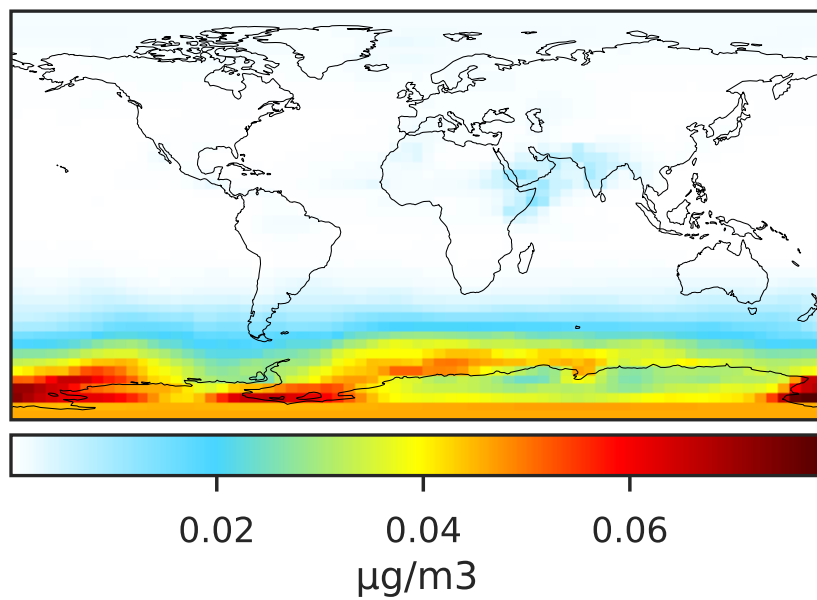


Ratio
Dev/Ref, Fixed Range

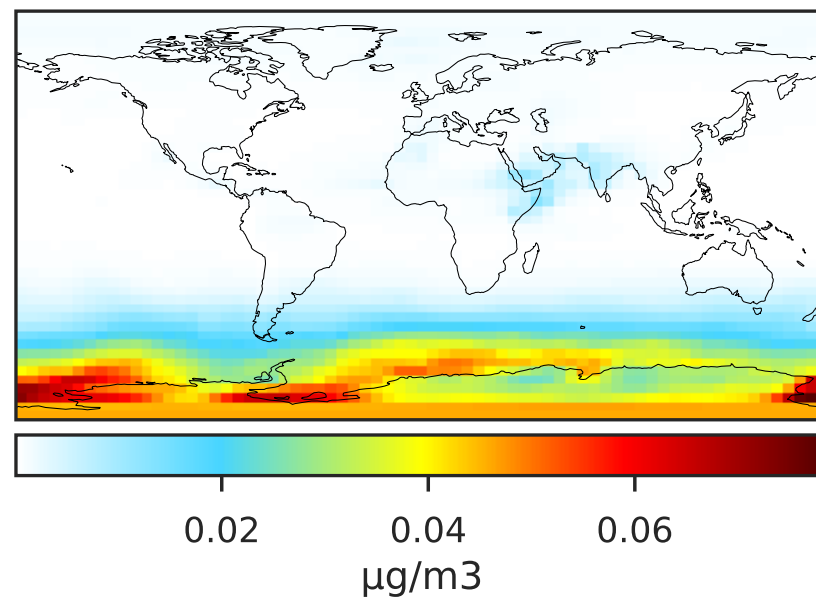


SpeciesConcVV_SALA

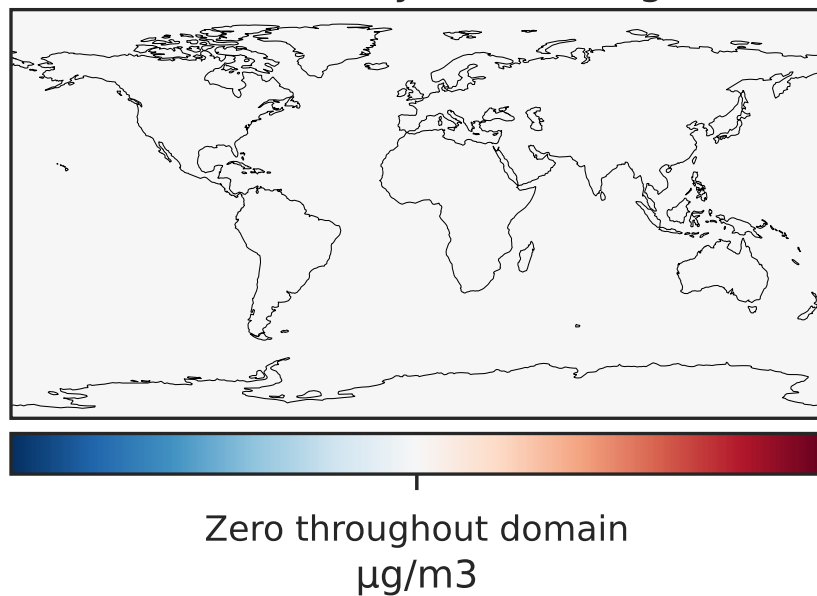
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



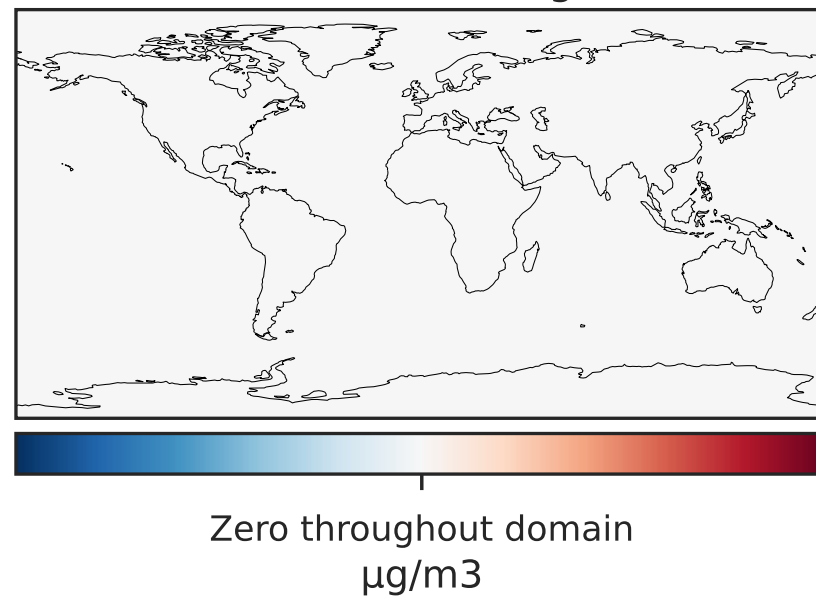
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



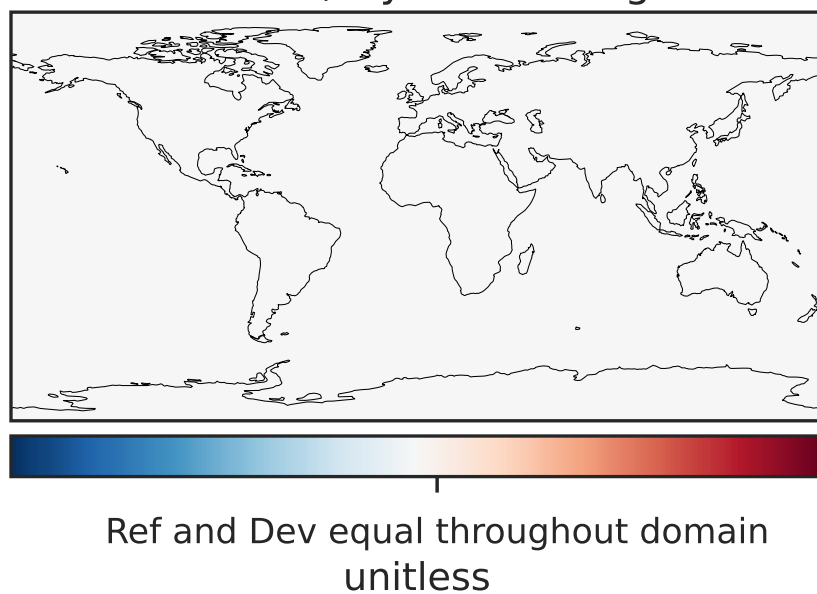
Difference
Dev - Ref, Dynamic Range



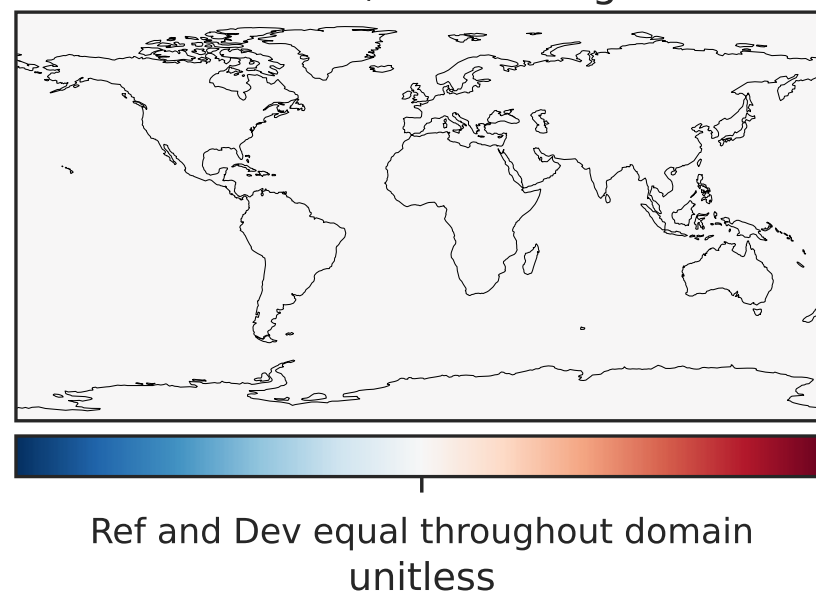
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

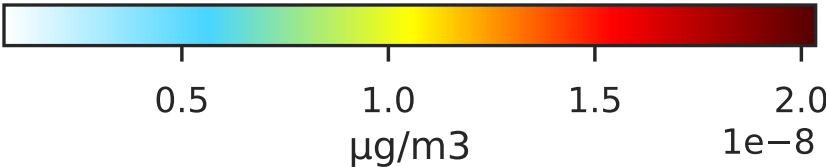
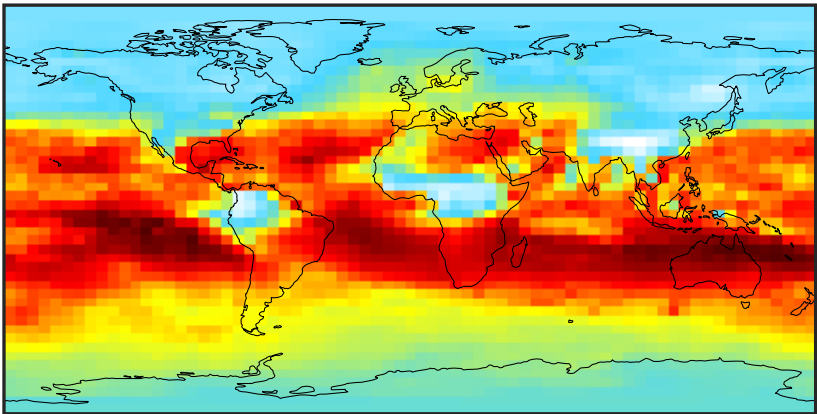


Ratio
Dev/Ref, Fixed Range

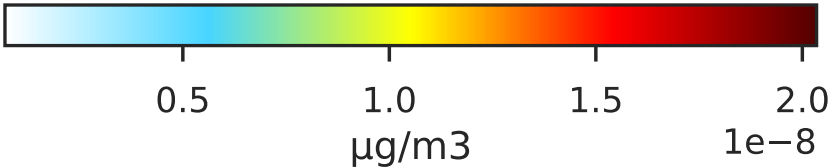
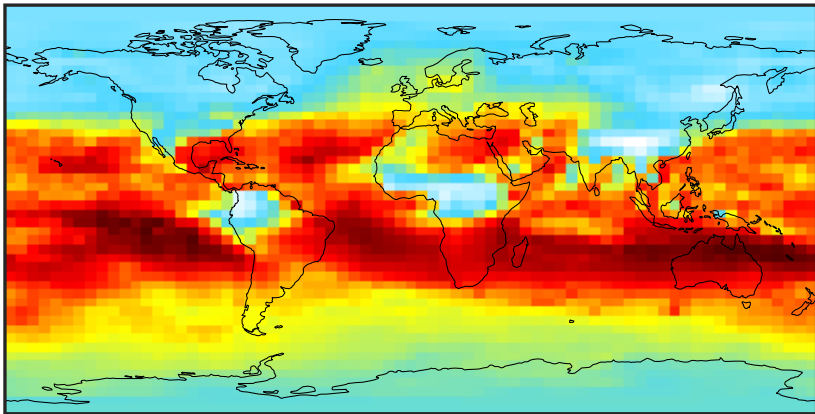


SpeciesConcVV_SALAAAL

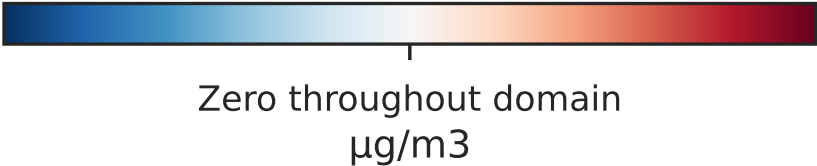
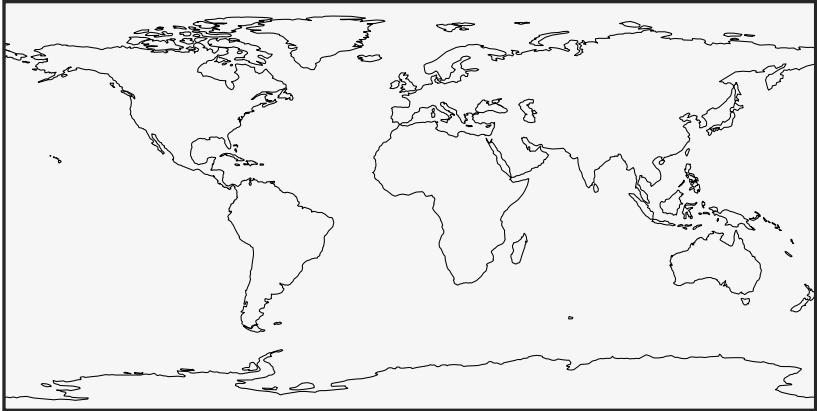
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



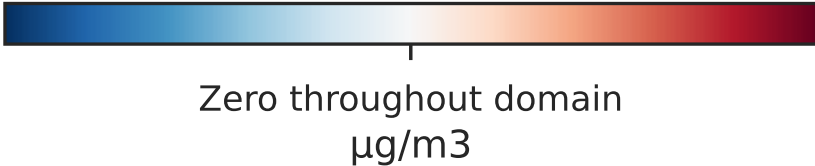
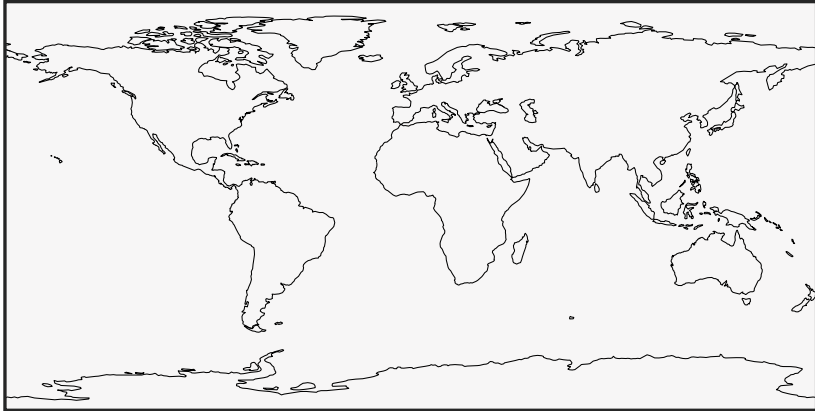
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



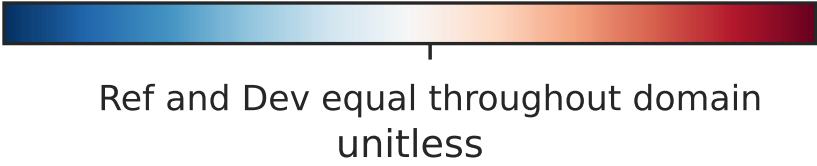
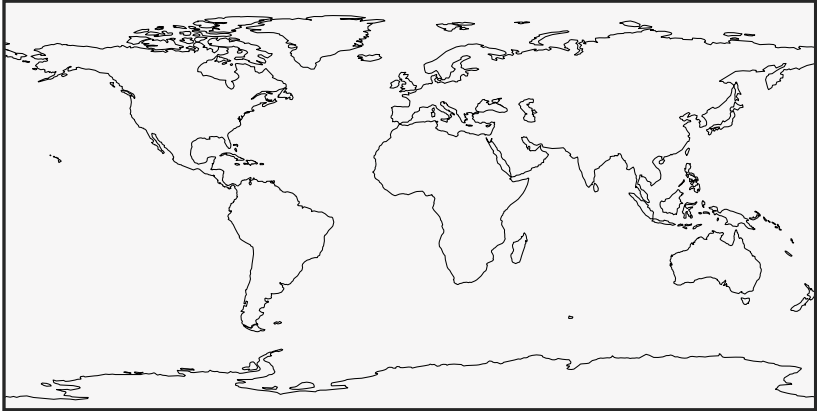
Difference
Dev - Ref, Dynamic Range



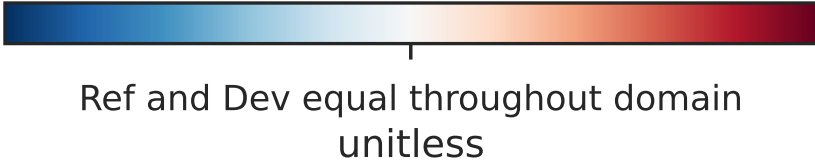
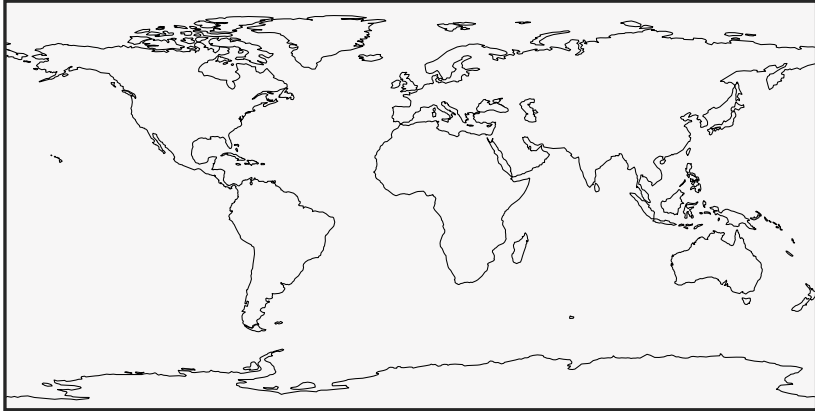
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

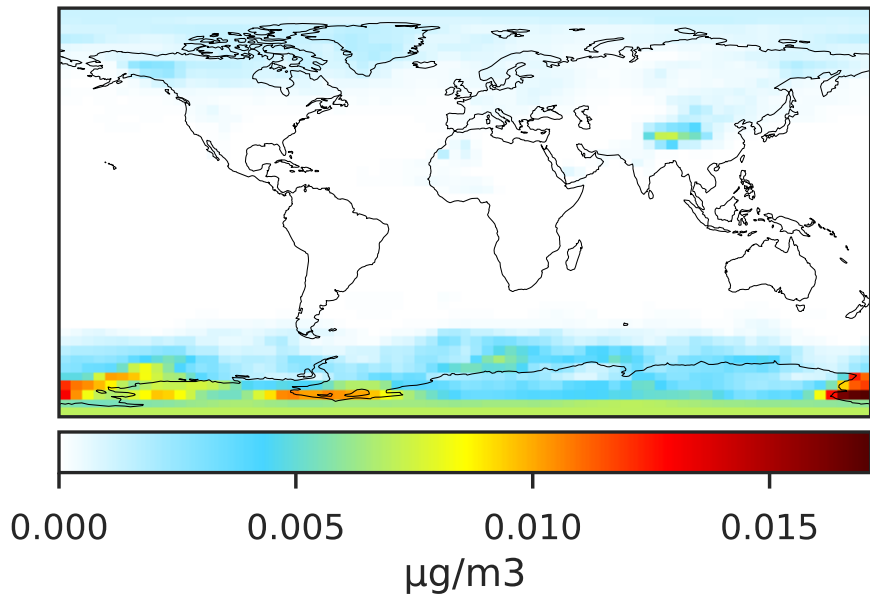


Ratio
Dev/Ref, Fixed Range

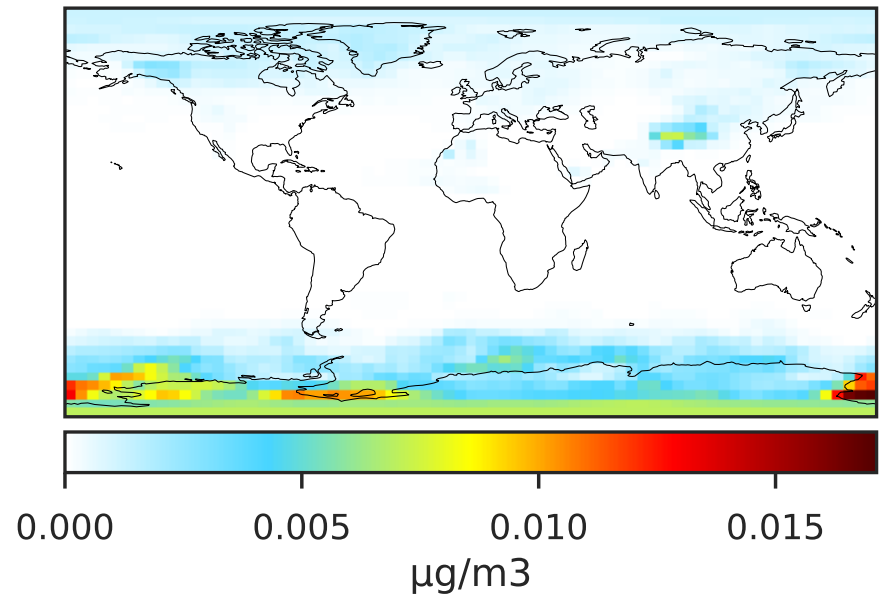


SpeciesConcVV_SALACL

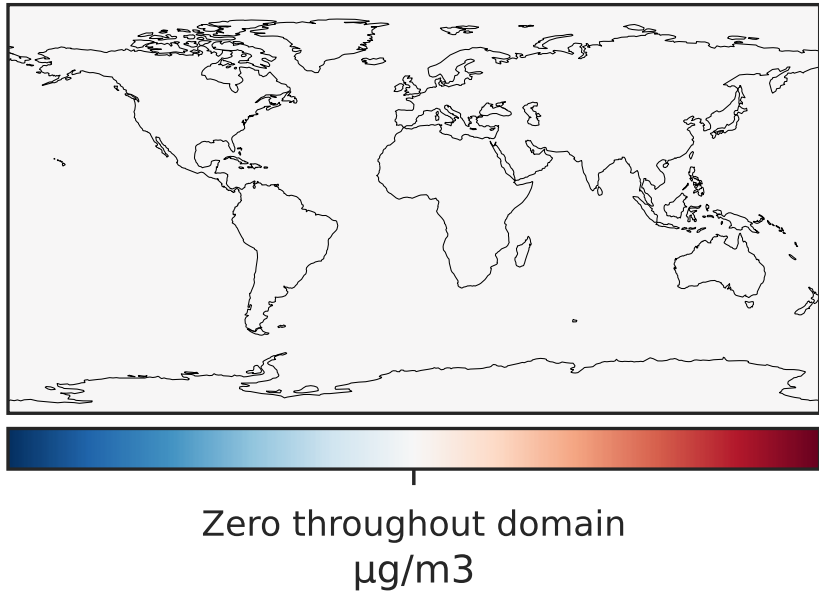
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



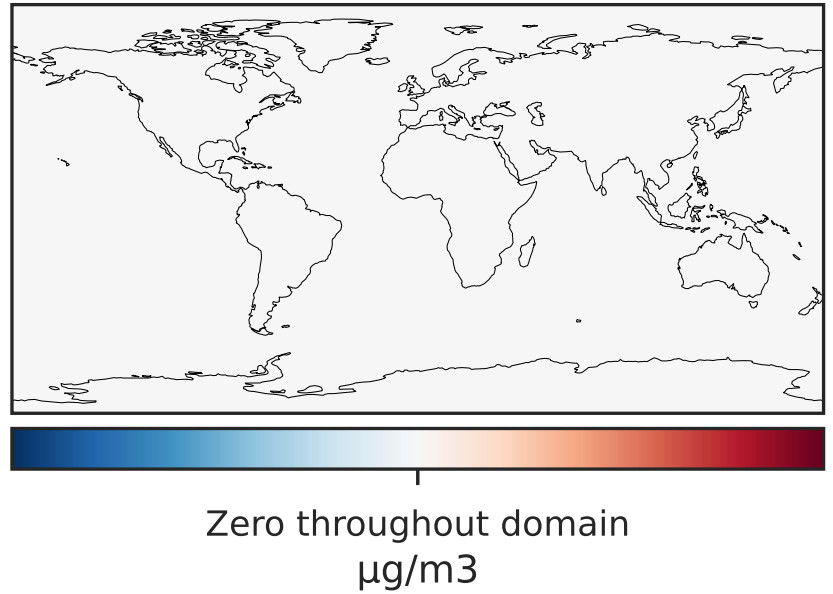
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



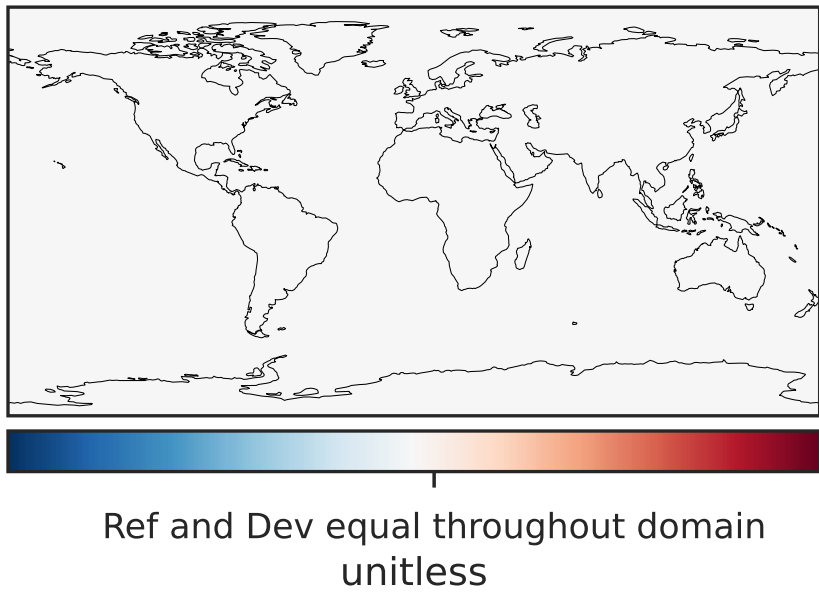
Difference
Dev - Ref, Dynamic Range



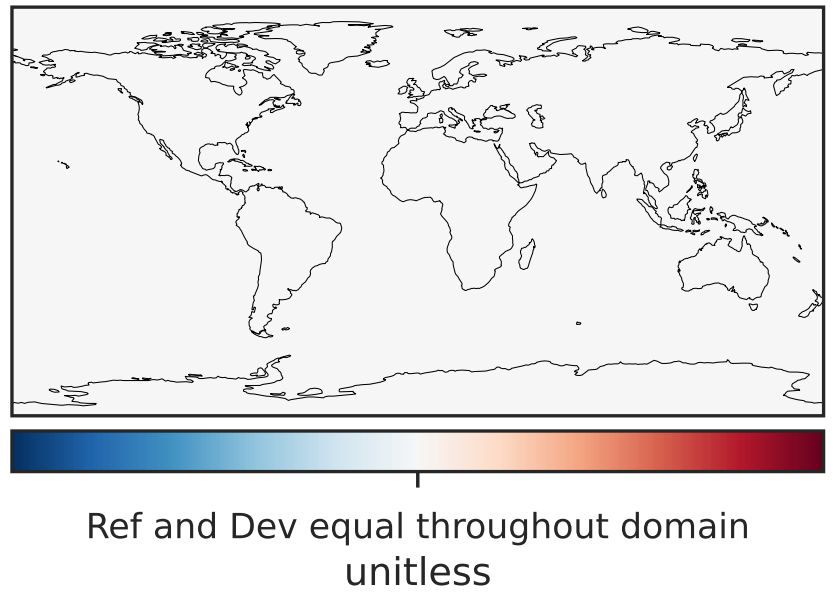
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

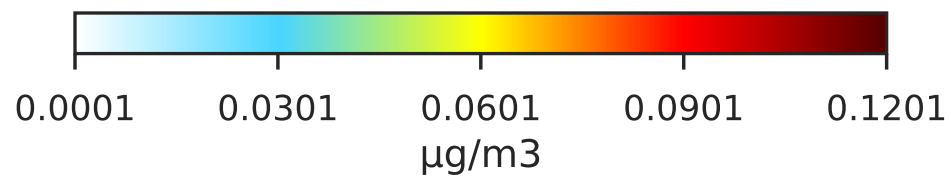
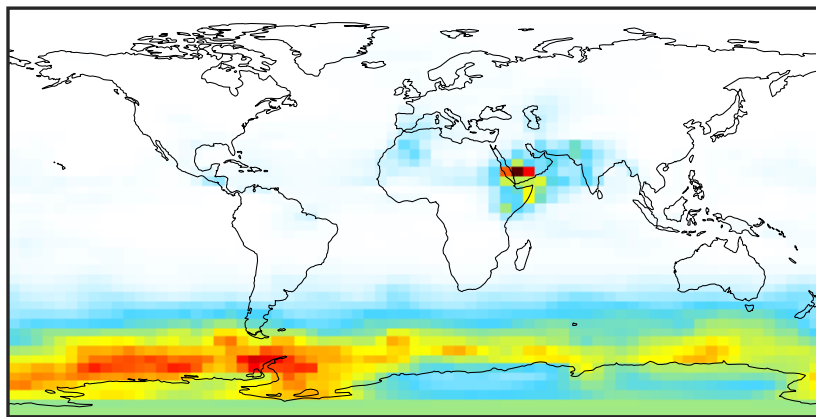


Ratio
Dev/Ref, Fixed Range

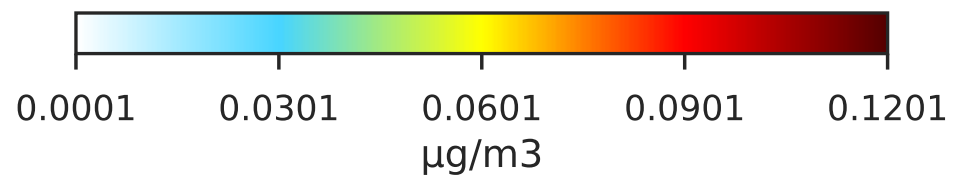
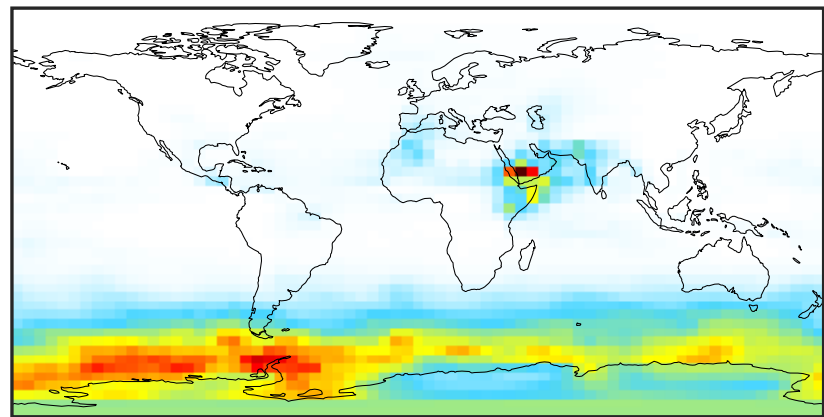


SpeciesConcVV_SALC

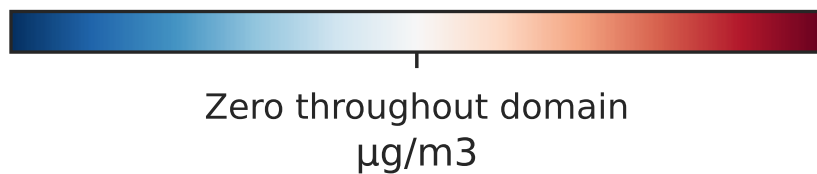
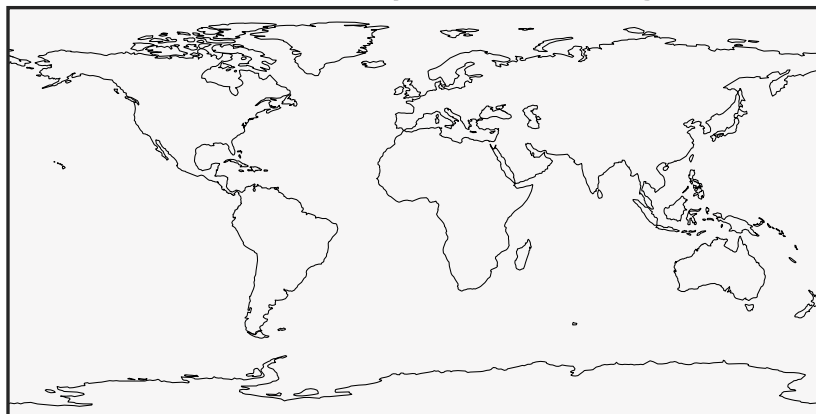
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



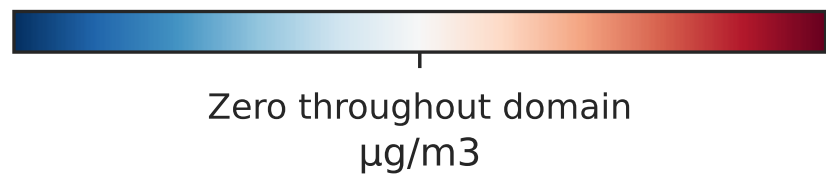
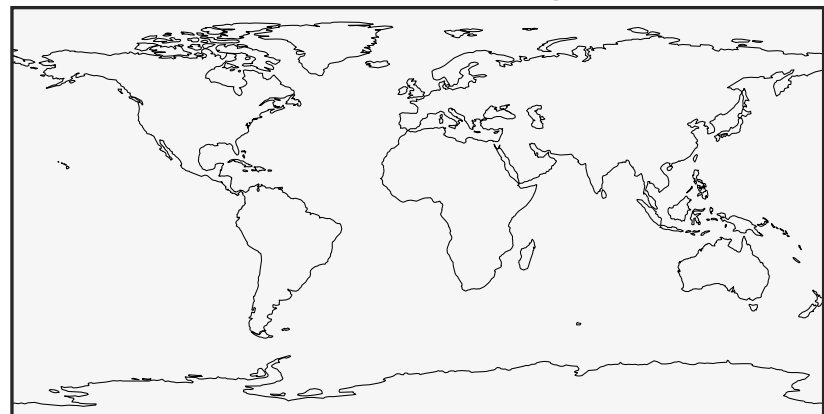
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



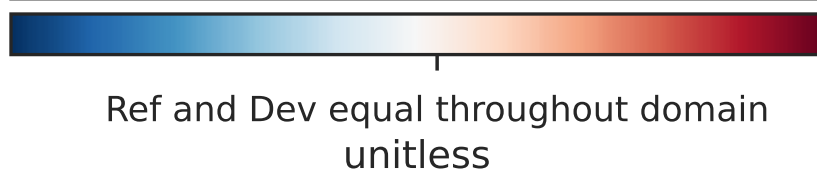
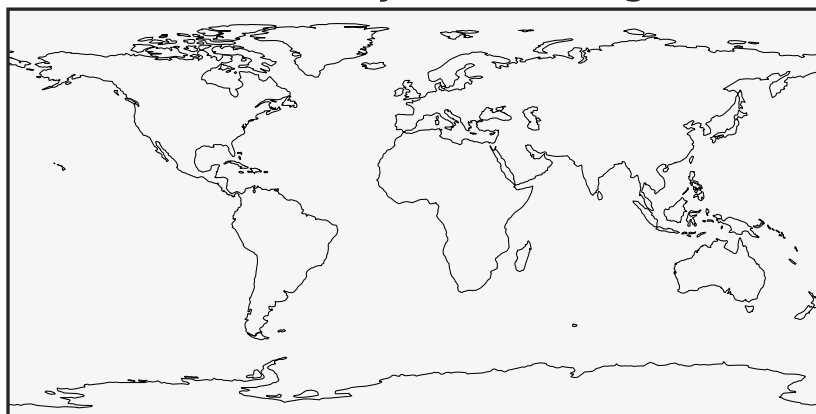
Difference
Dev - Ref, Dynamic Range



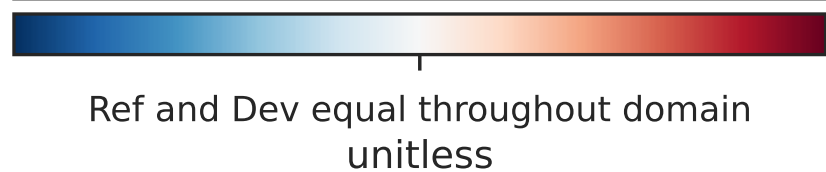
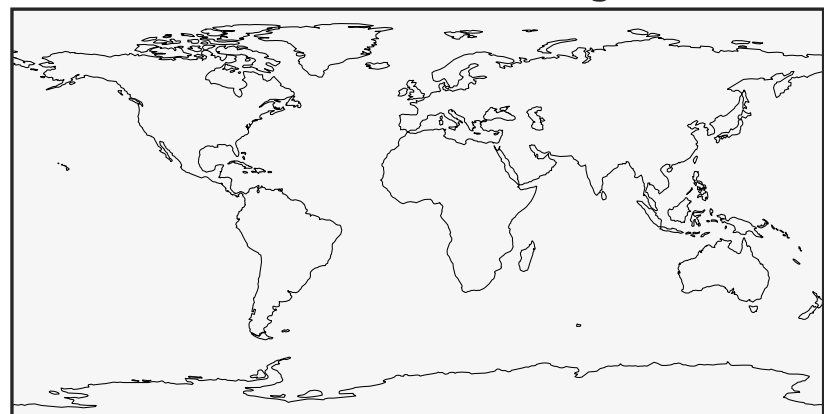
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

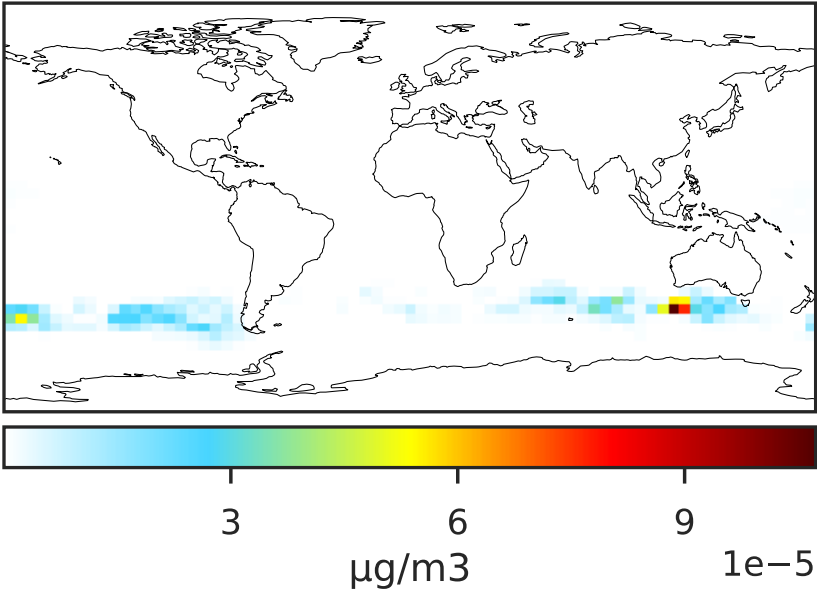


Ratio
Dev/Ref, Fixed Range

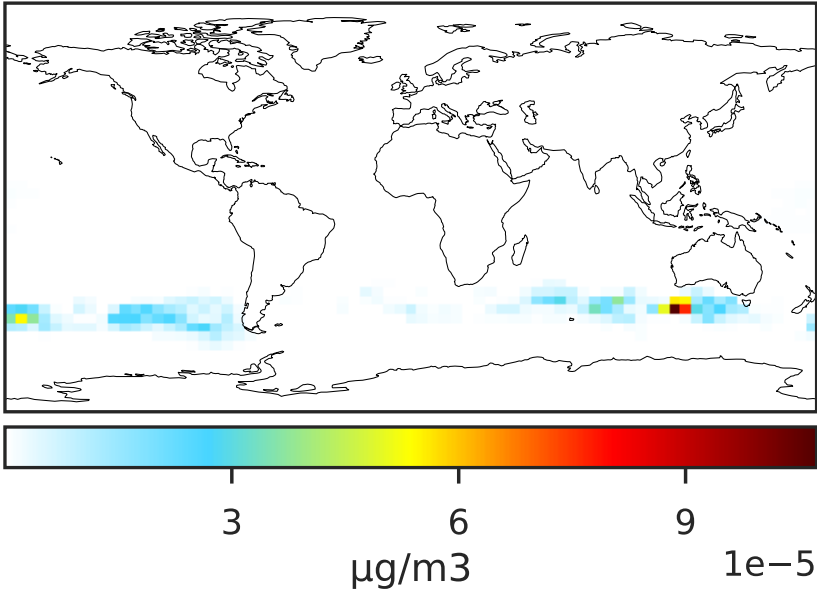


SpeciesConcVV_SALCAL

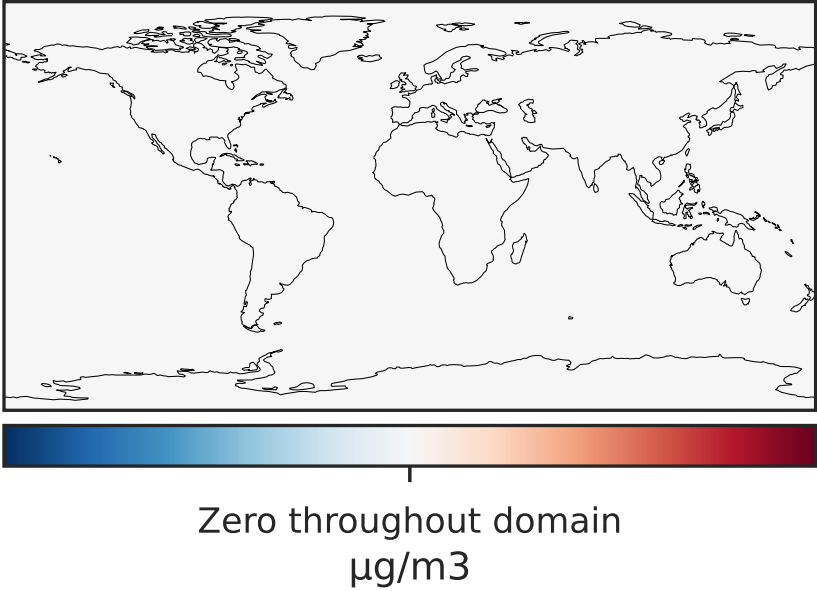
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



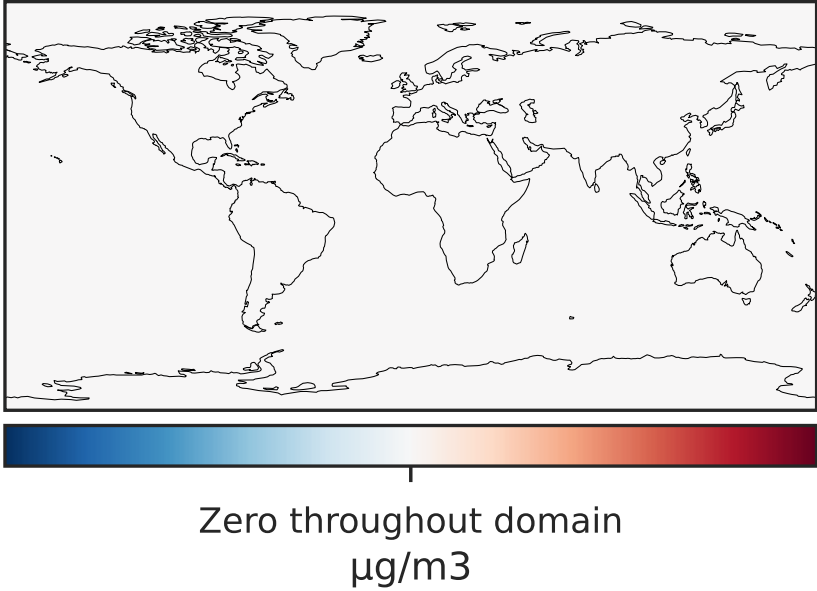
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



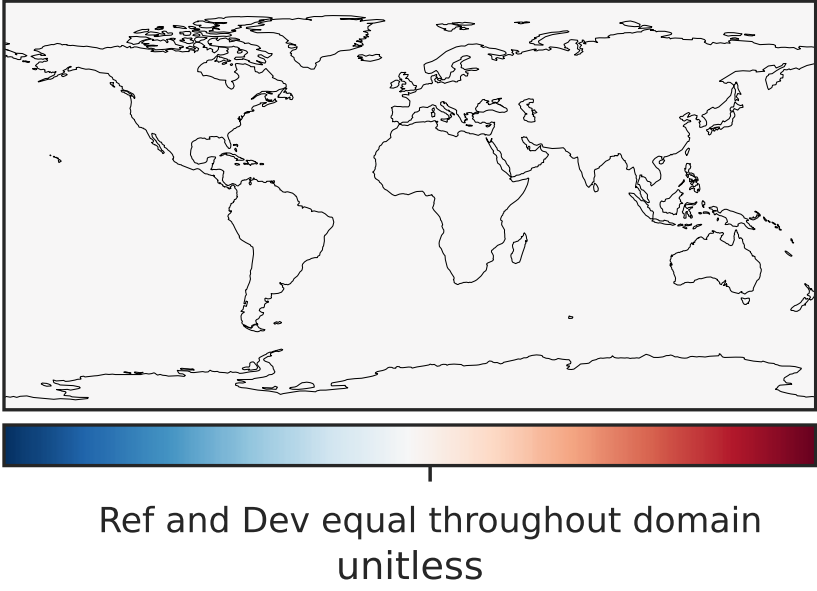
Difference
Dev - Ref, Dynamic Range



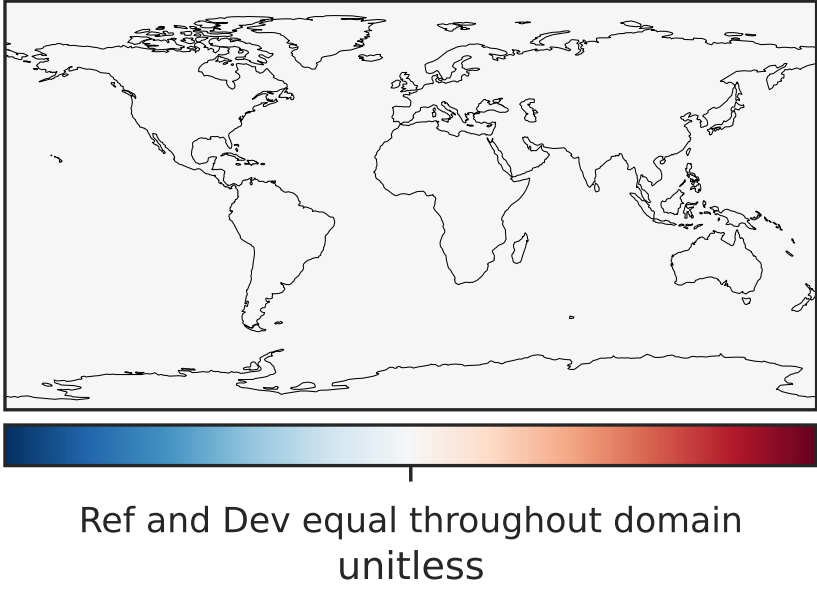
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

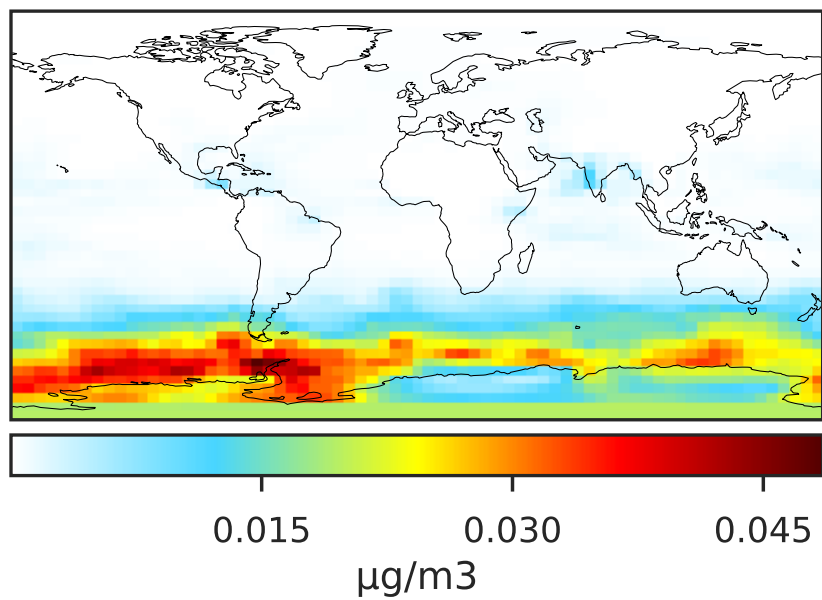


Ratio
Dev/Ref, Fixed Range

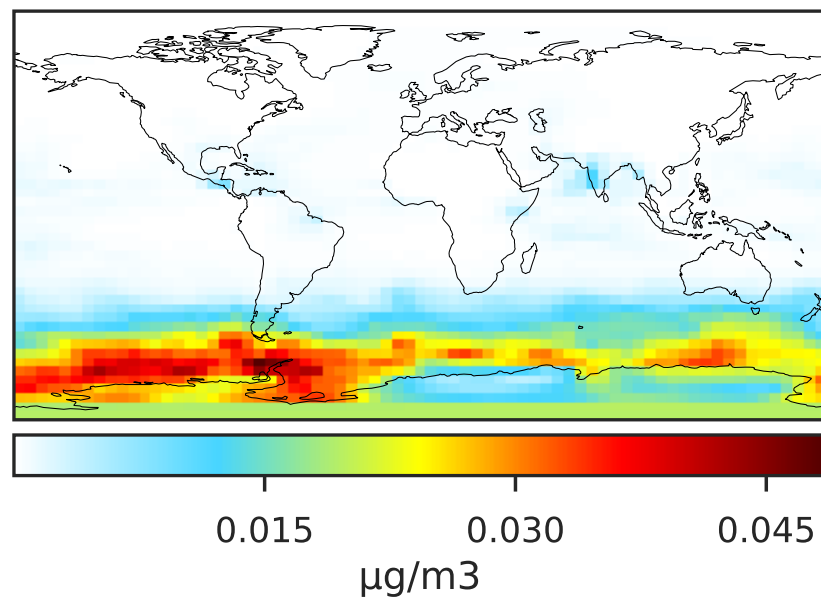


SpeciesConcVV_SALCCL

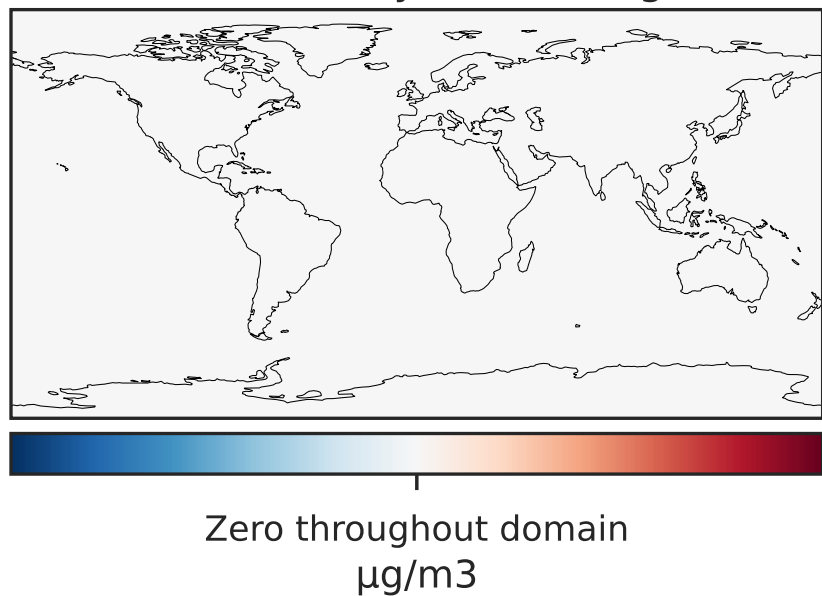
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



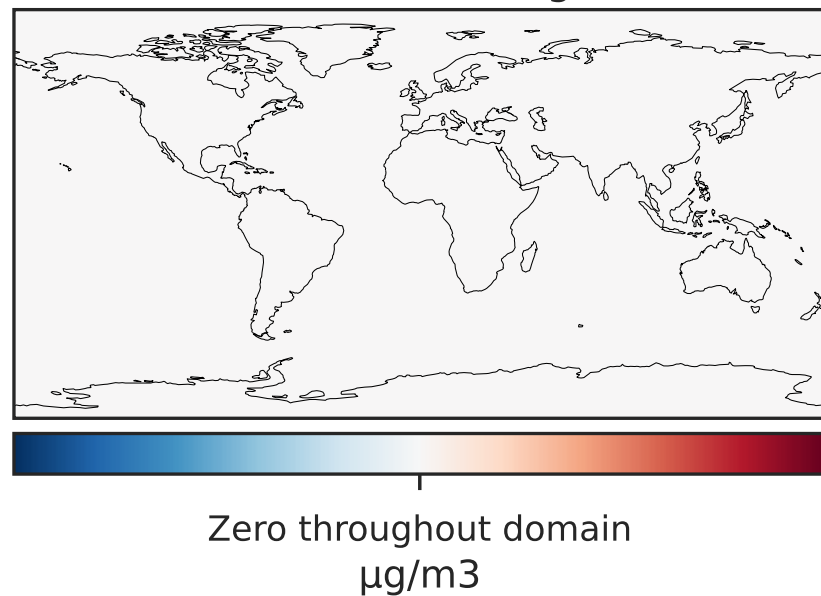
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



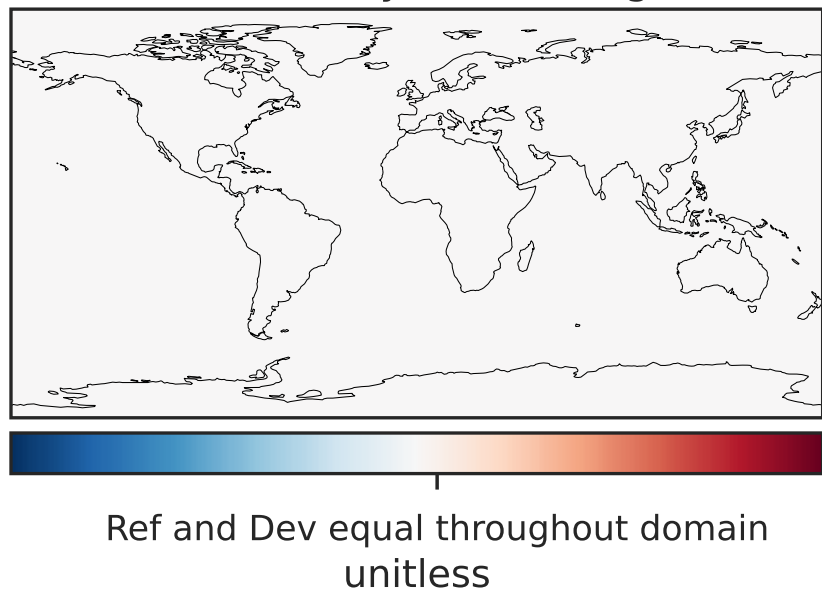
Difference
Dev - Ref, Dynamic Range



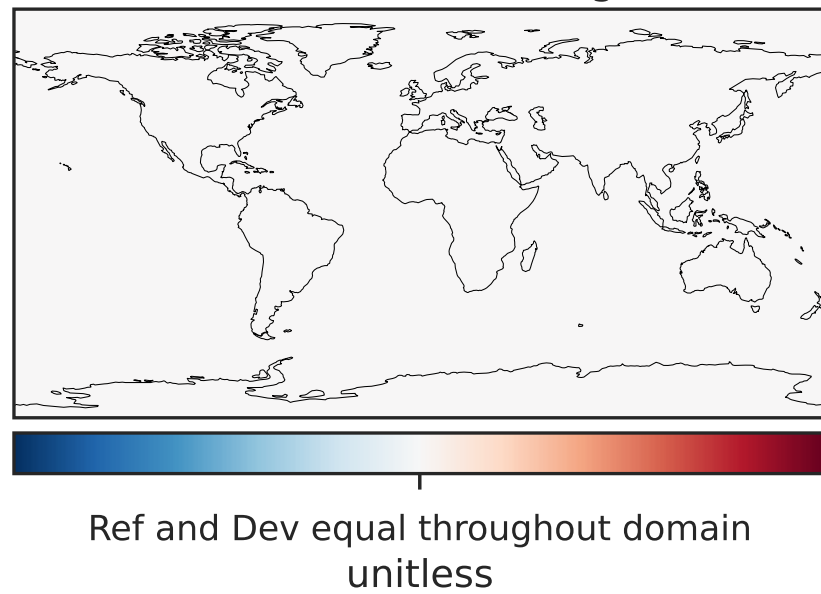
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

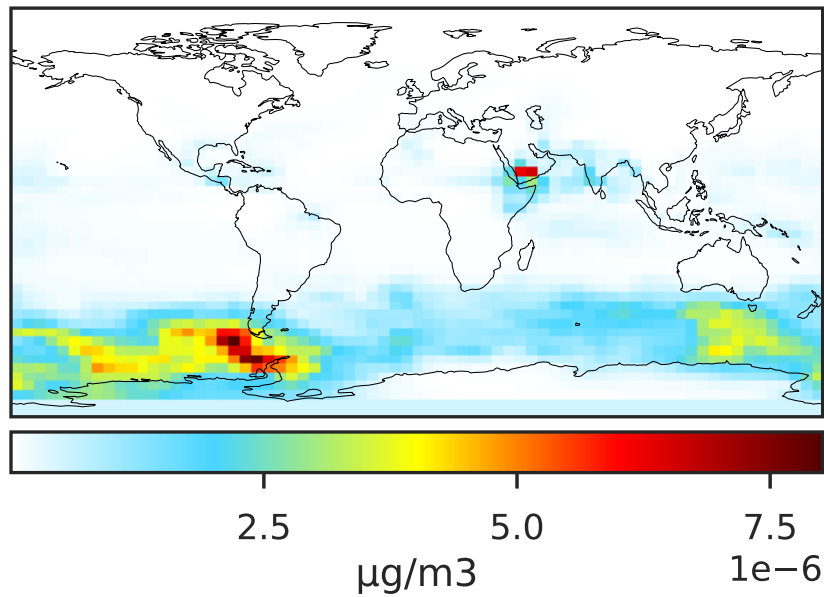


Ratio
Dev/Ref, Fixed Range

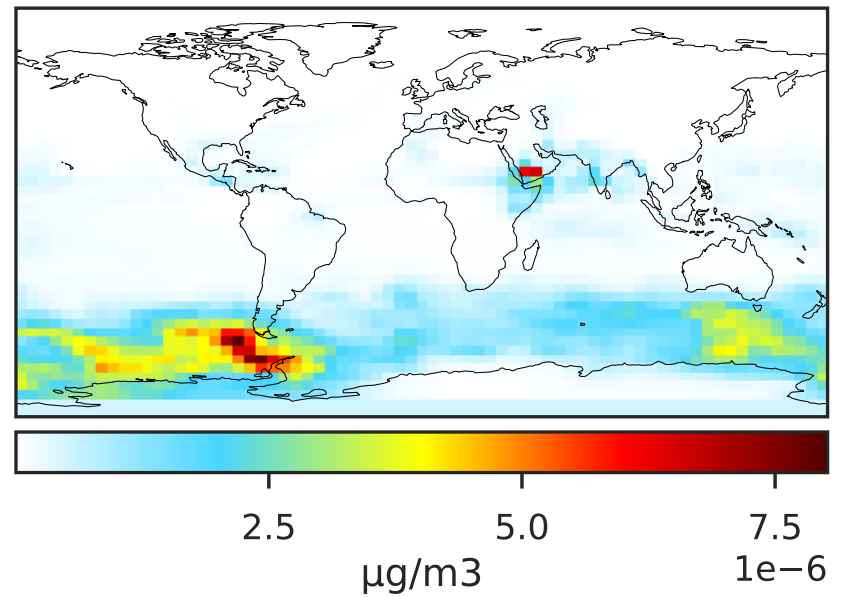


SpeciesConcVV_S04s

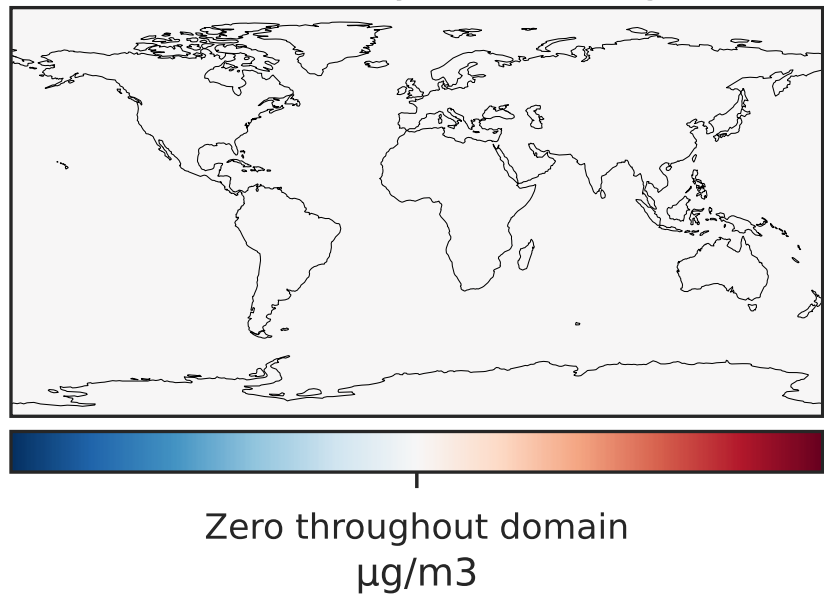
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



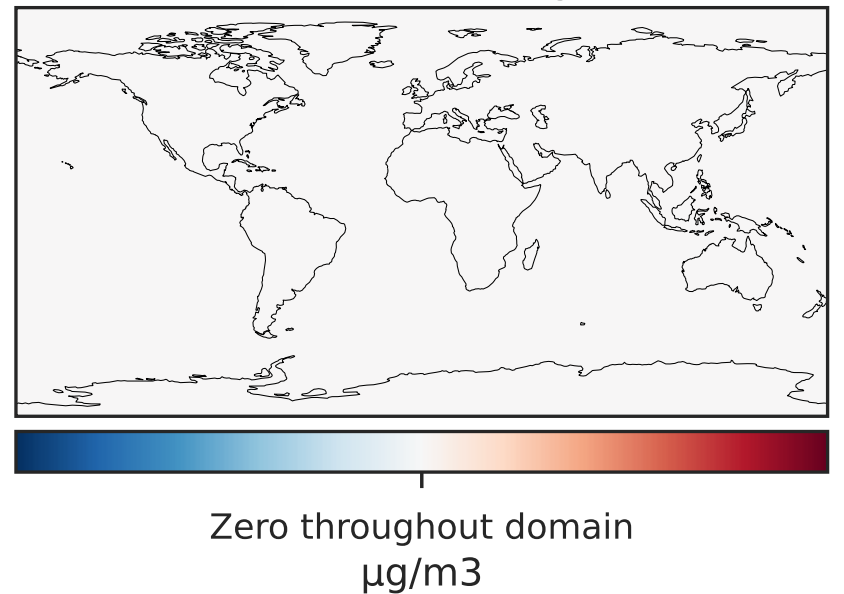
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



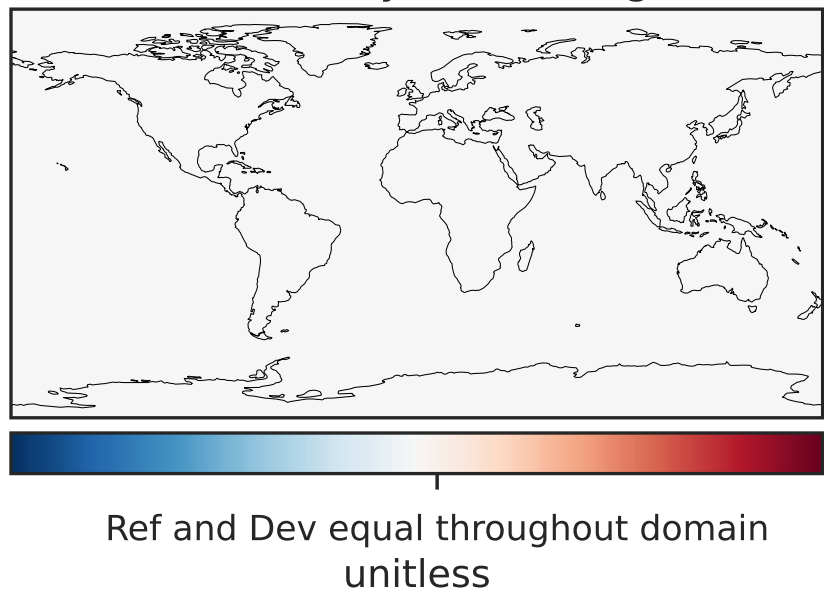
Difference
Dev - Ref, Dynamic Range



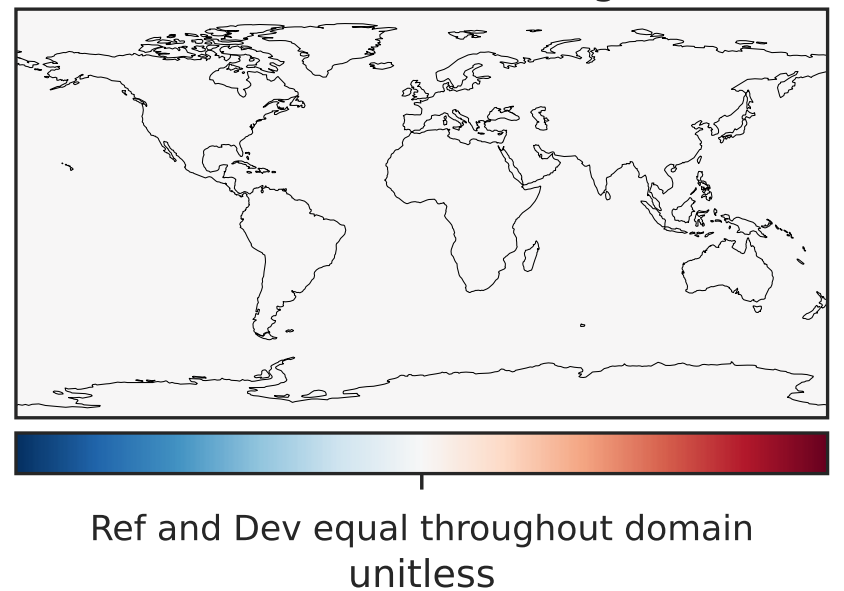
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

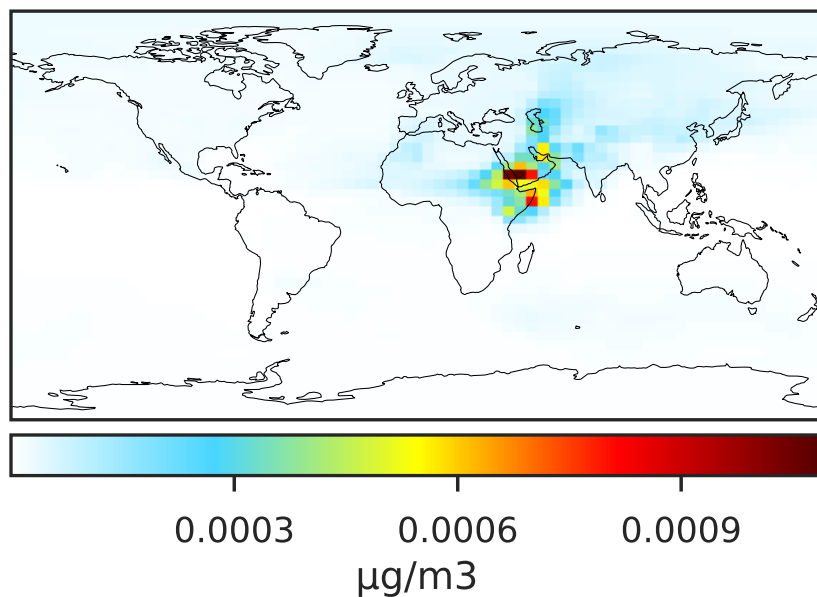


Ratio
Dev/Ref, Fixed Range

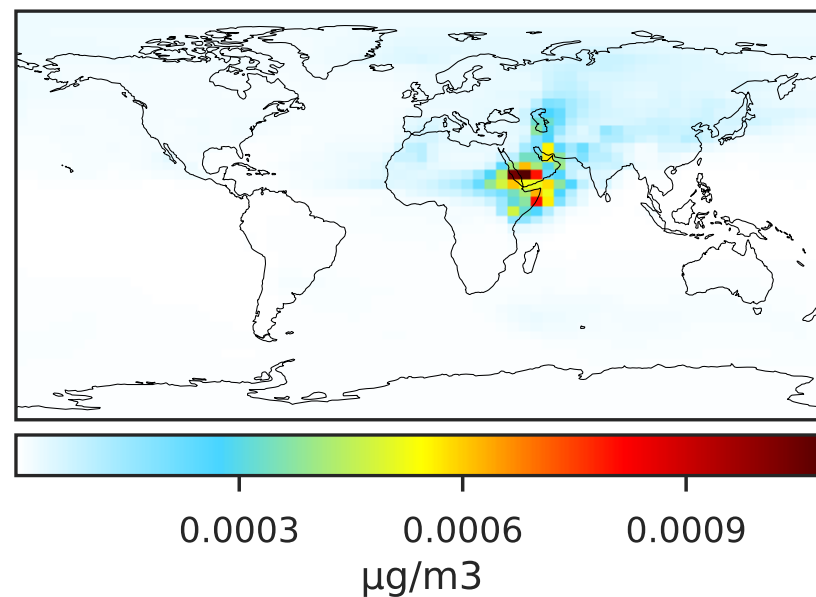


SpeciesConcVV_pFe

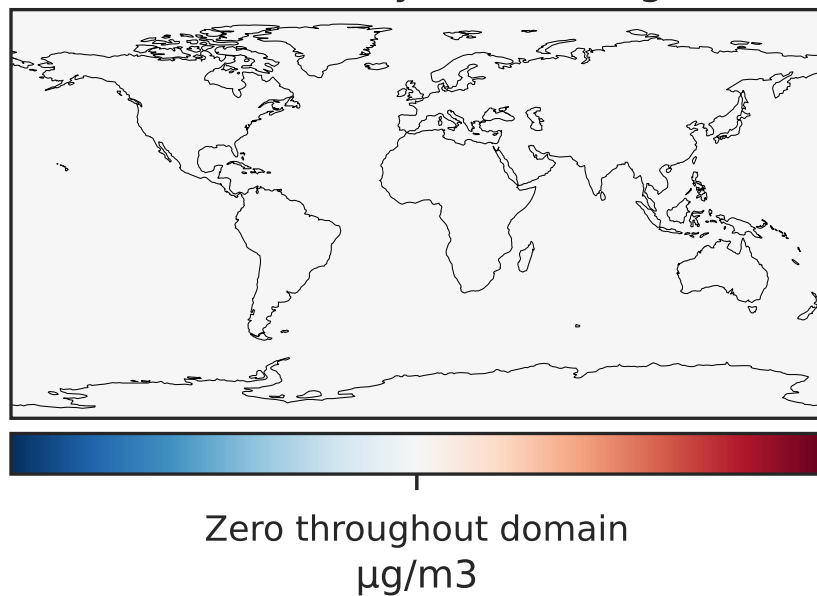
gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0



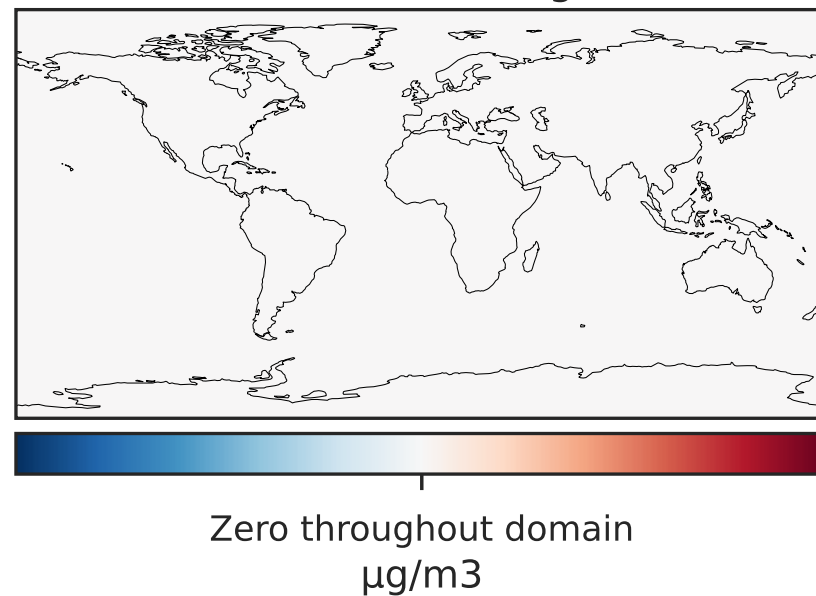
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0



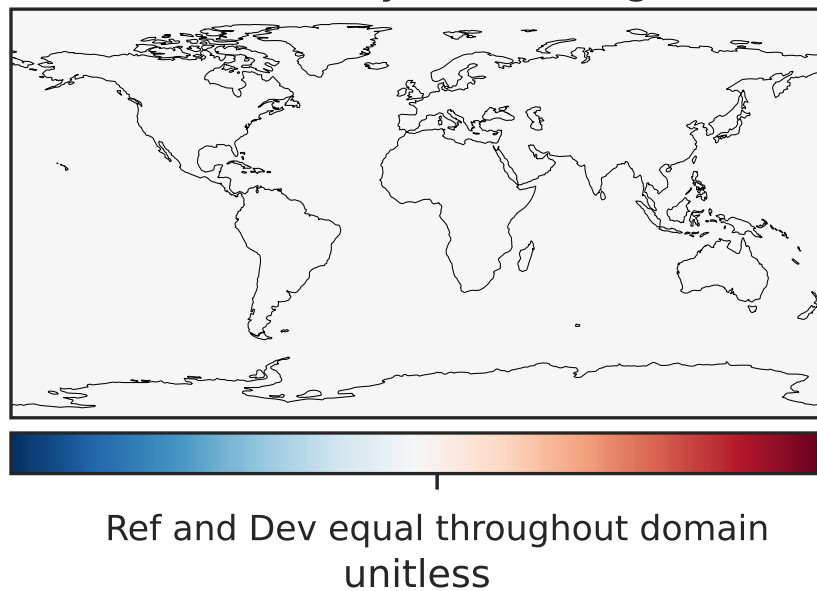
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

