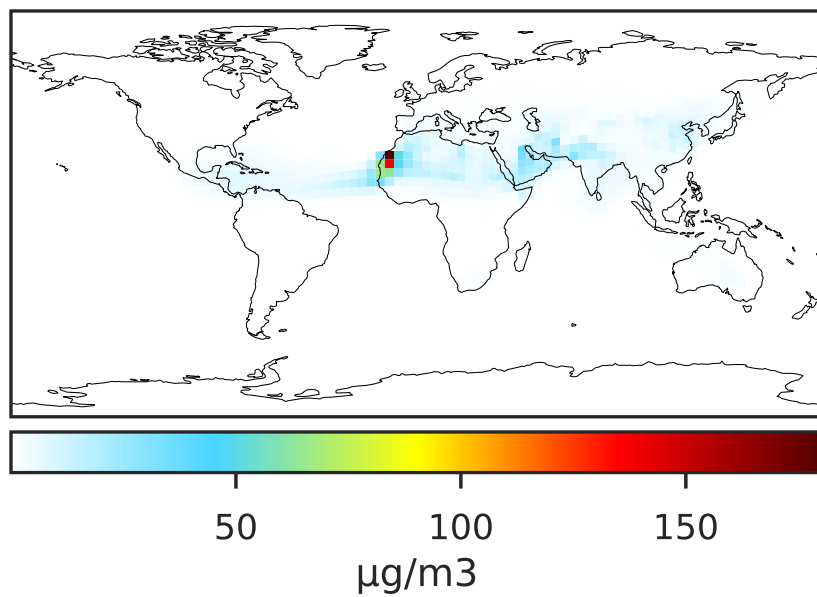
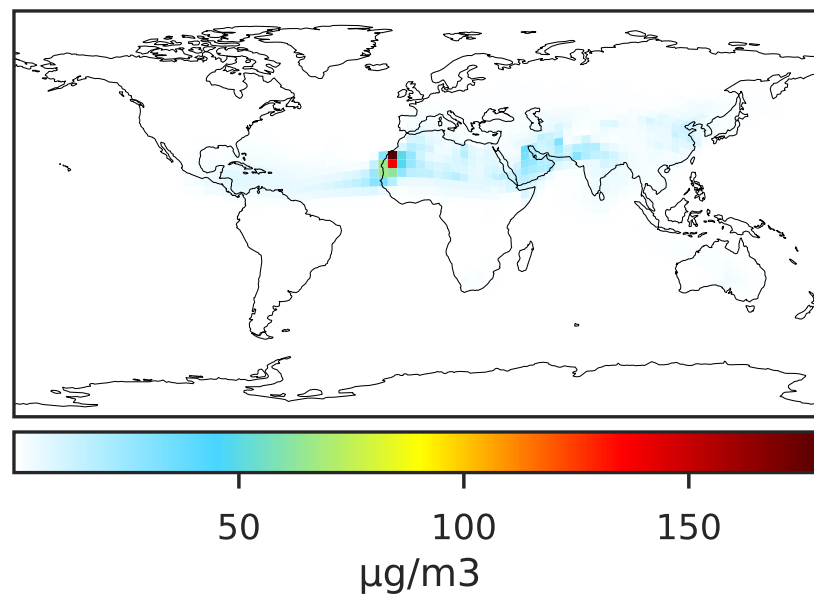


SpeciesConcVV_DST1

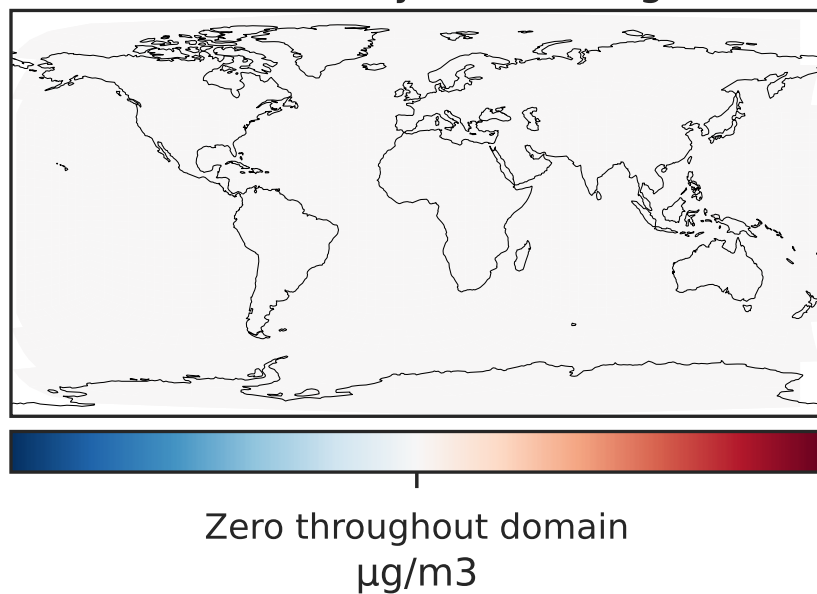
gchp-c24-1Mon-14.2.0 (Ref)
c24



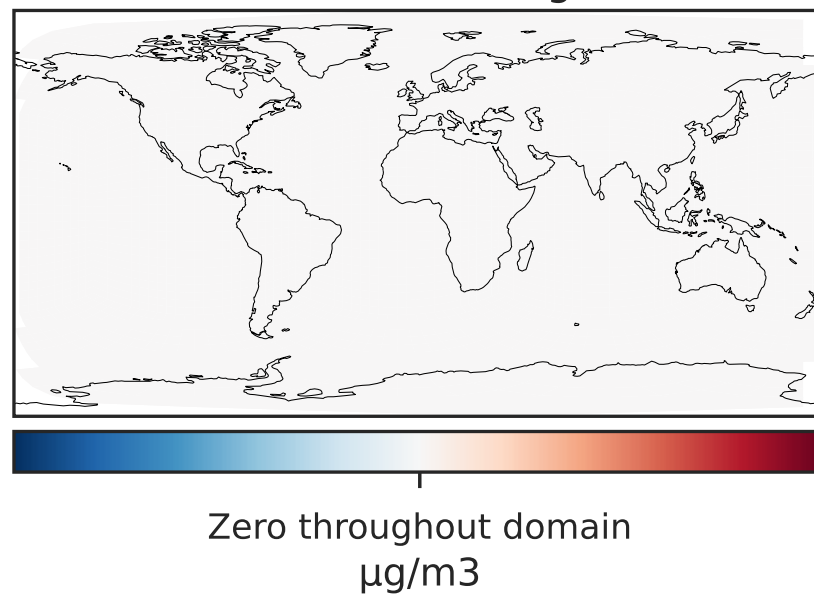
gchp-c24-1Mon-14.2.1 (Dev)
c24



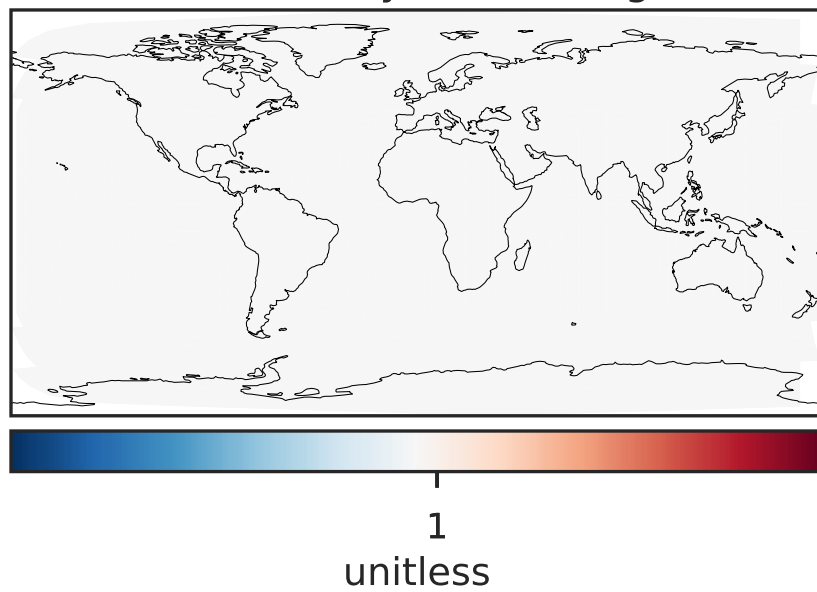
Difference
Dev - Ref, Dynamic Range



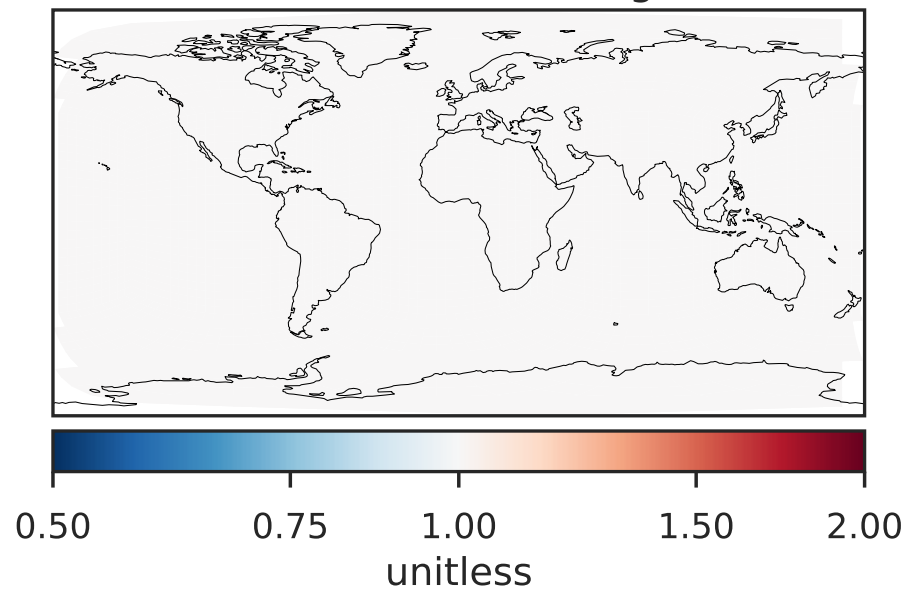
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

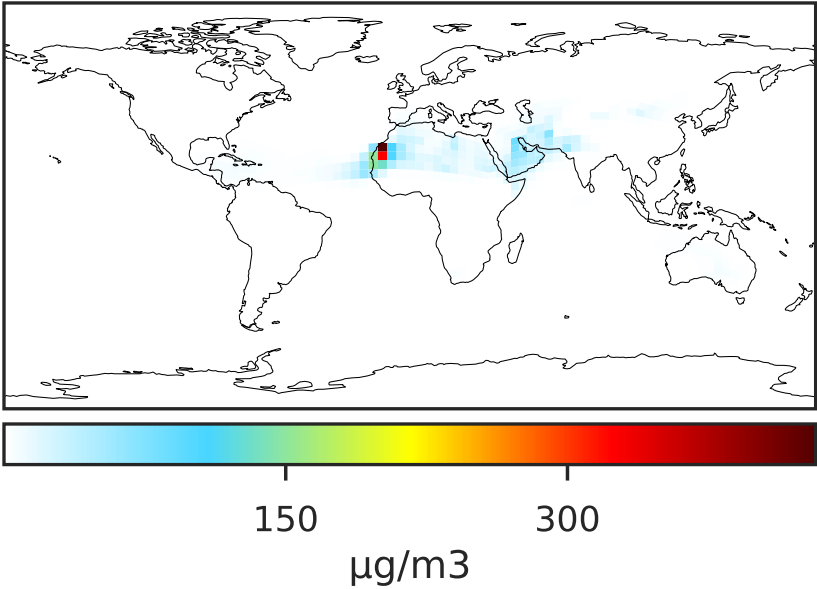


Ratio
Dev/Ref, Fixed Range

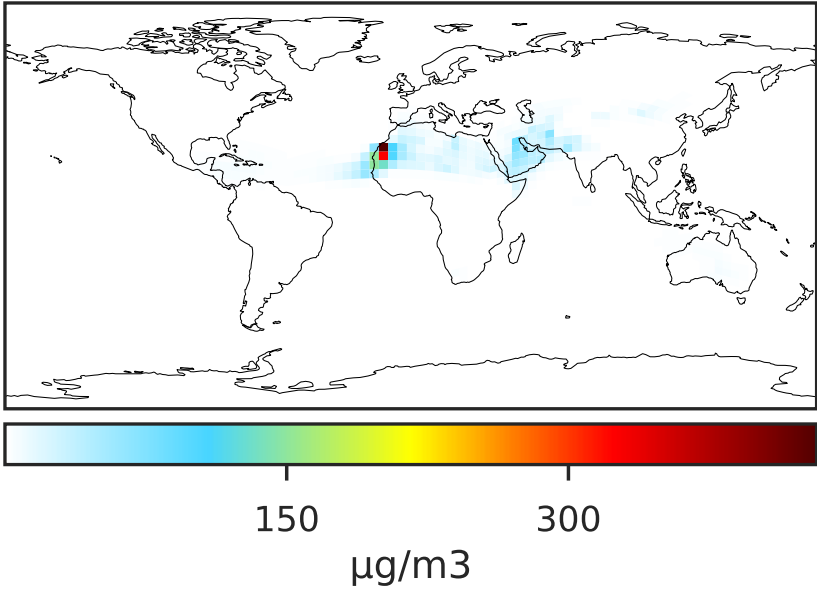


SpeciesConcVV_DST2

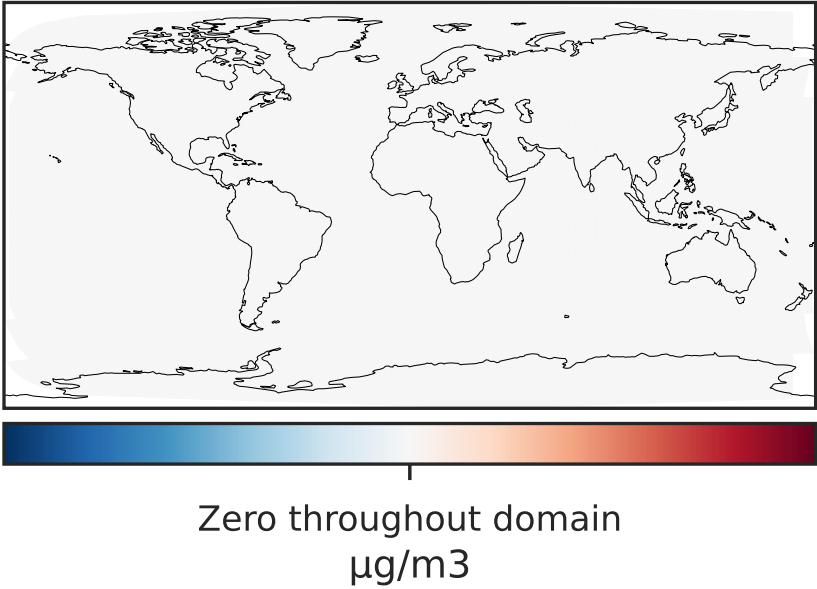
gchp-c24-1Mon-14.2.0 (Ref)
c24



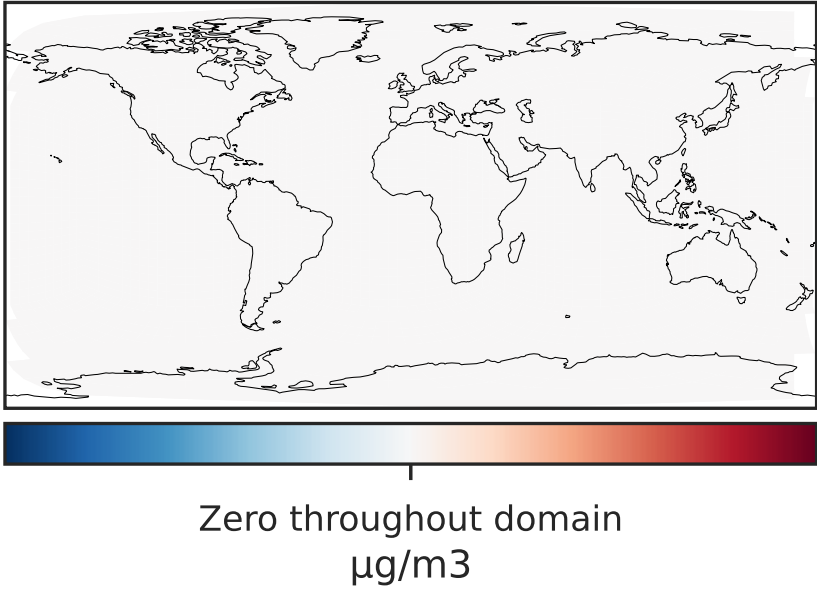
gchp-c24-1Mon-14.2.1 (Dev)
c24



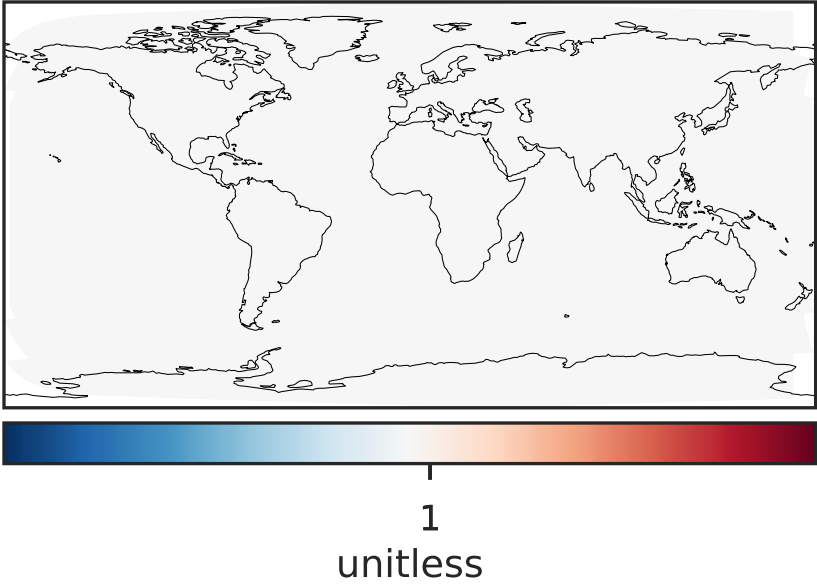
Difference
Dev - Ref, Dynamic Range



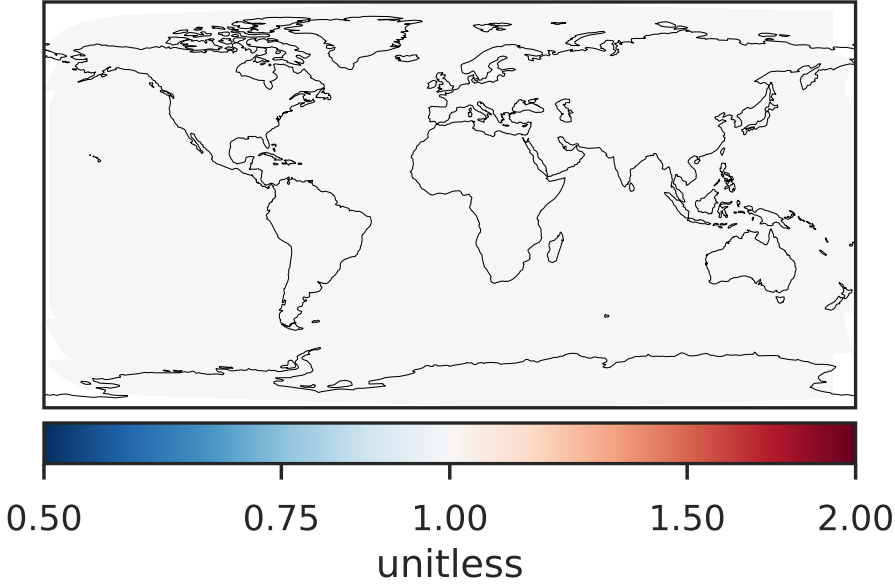
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

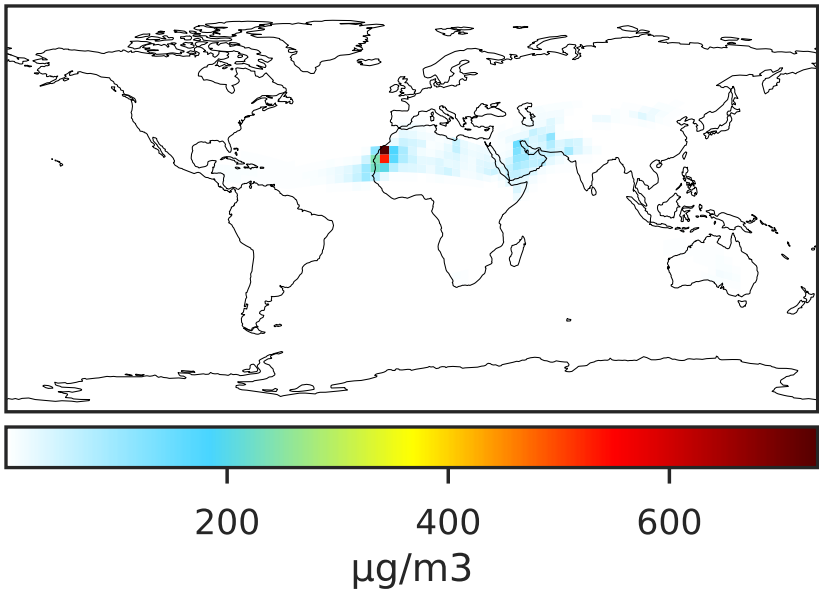


Ratio
Dev/Ref, Fixed Range

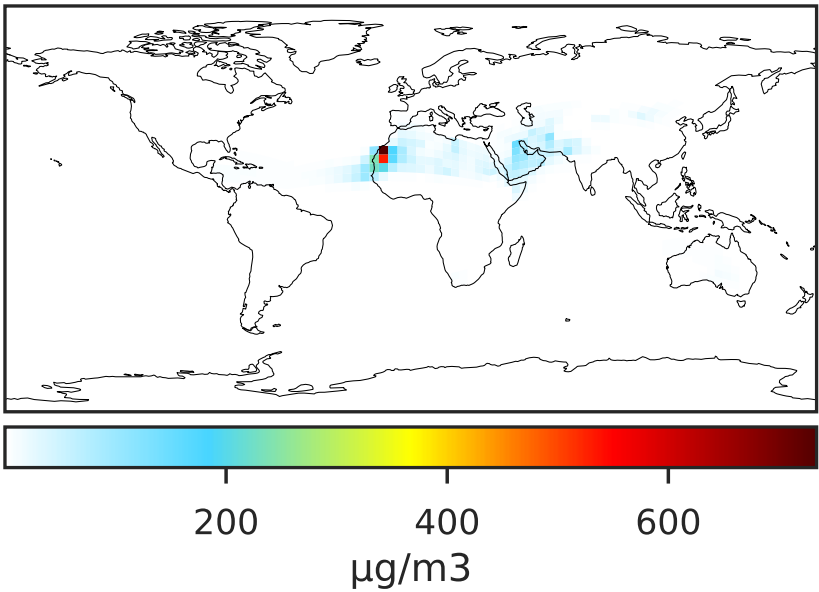


SpeciesConcVV_DST3

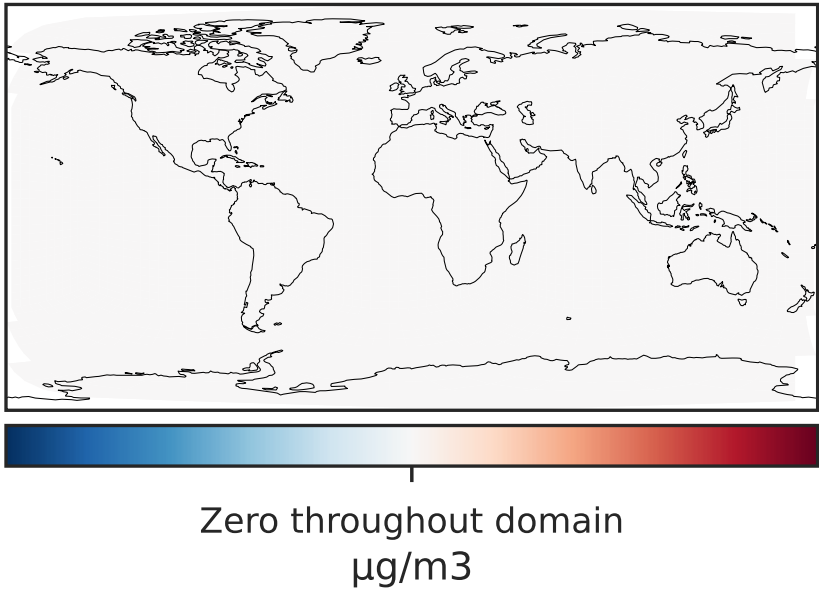
gchp-c24-1Mon-14.2.0 (Ref)
c24



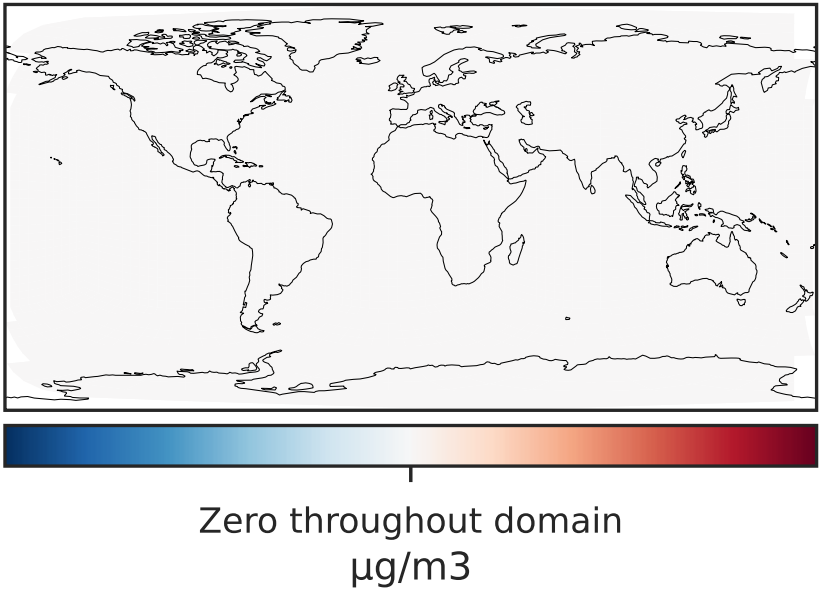
gchp-c24-1Mon-14.2.1 (Dev)
c24



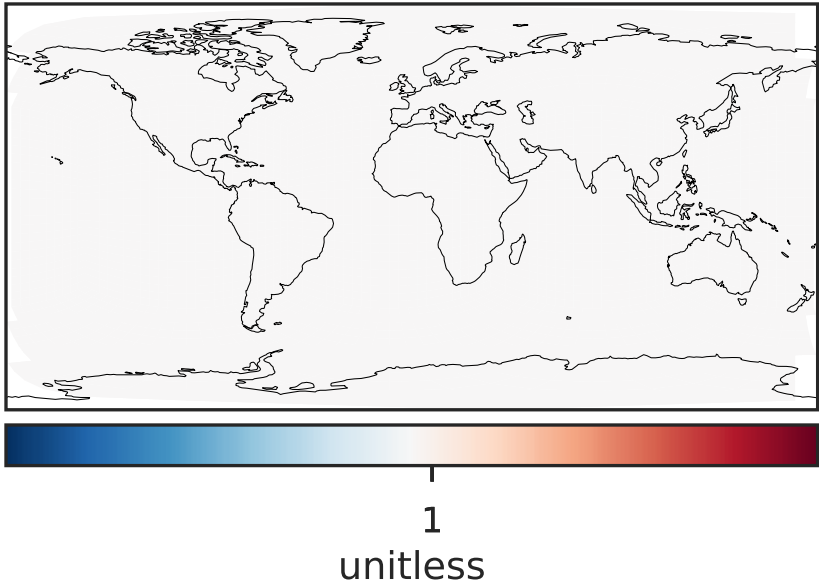
Difference
Dev - Ref, Dynamic Range



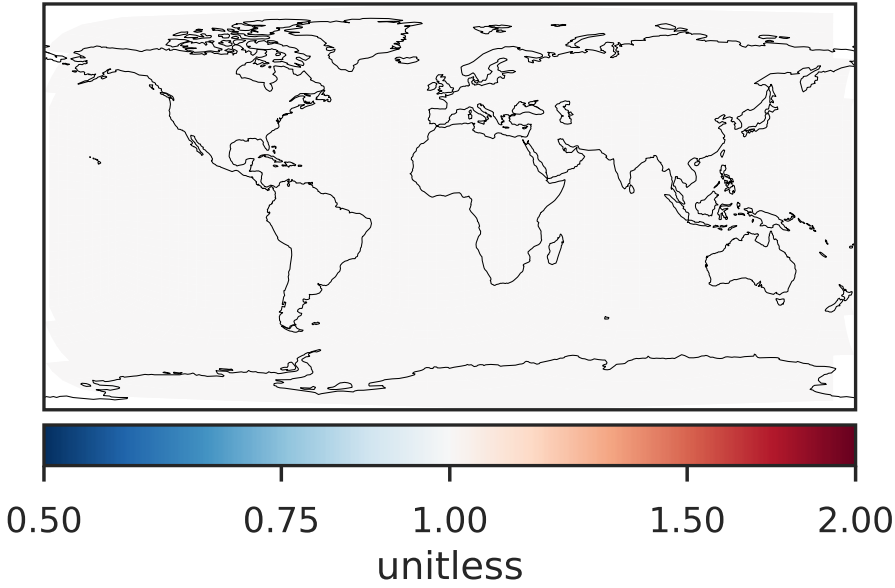
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

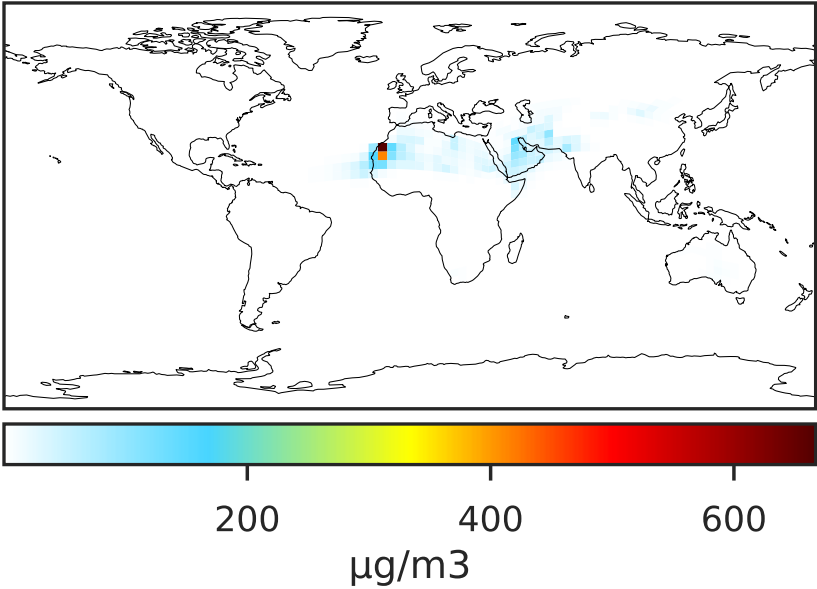


Ratio
Dev/Ref, Fixed Range

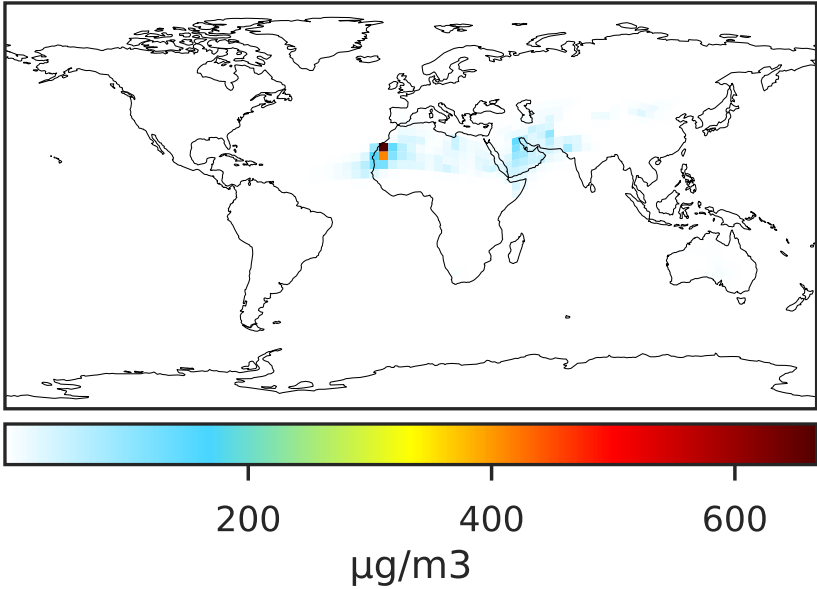


SpeciesConcVV_DST4

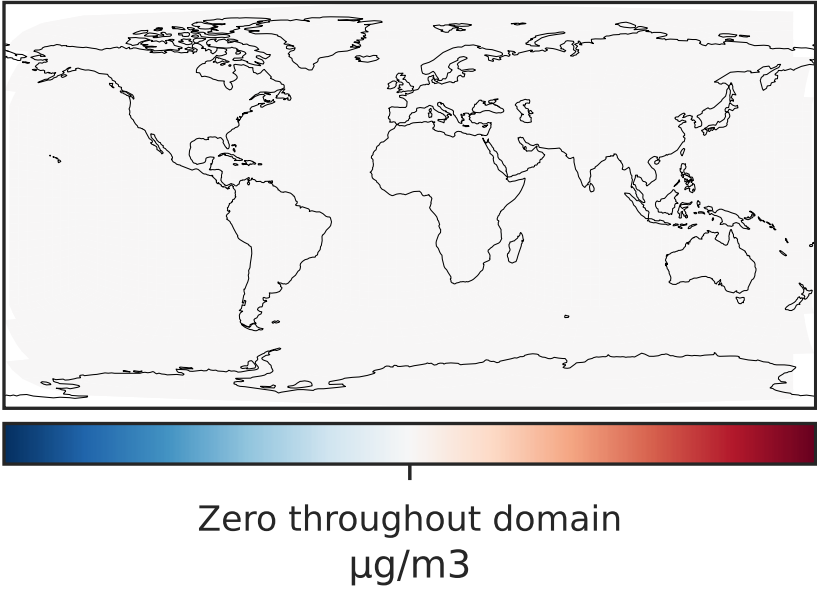
gchp-c24-1Mon-14.2.0 (Ref)
c24



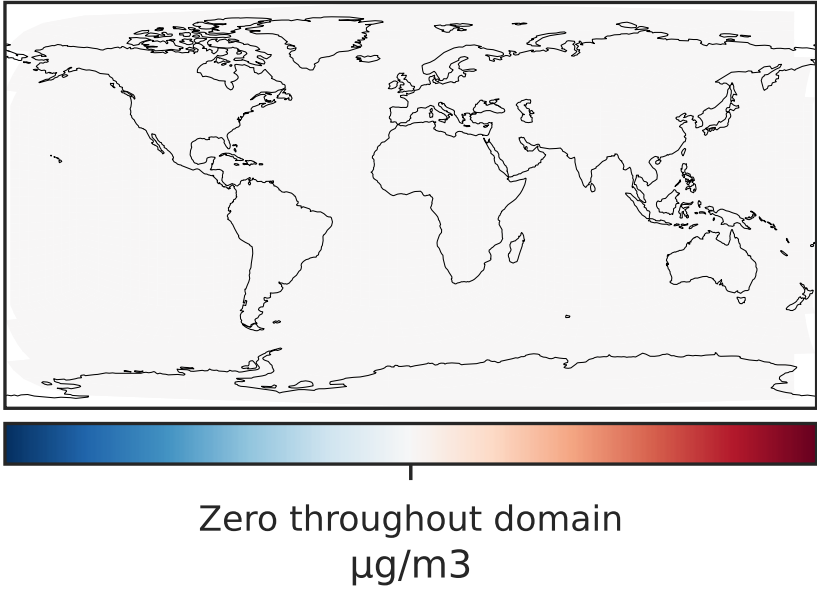
gchp-c24-1Mon-14.2.1 (Dev)
c24



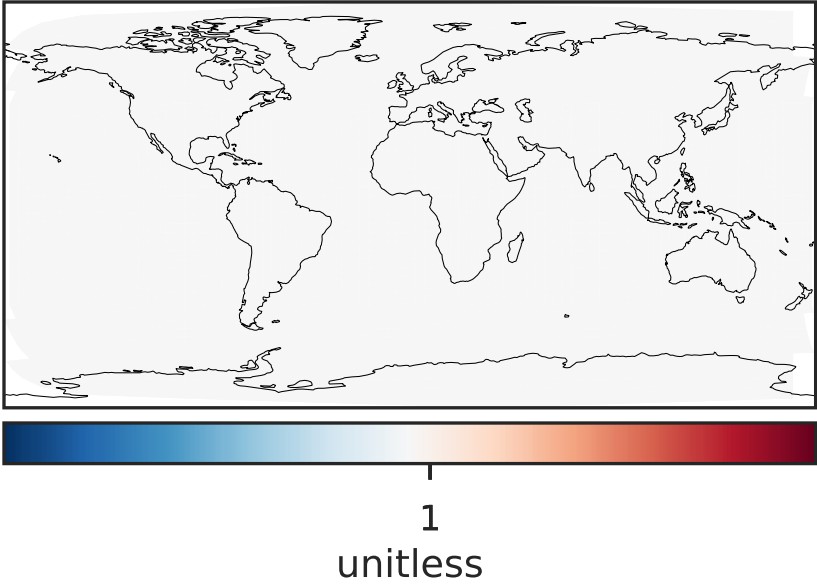
Difference
Dev - Ref, Dynamic Range



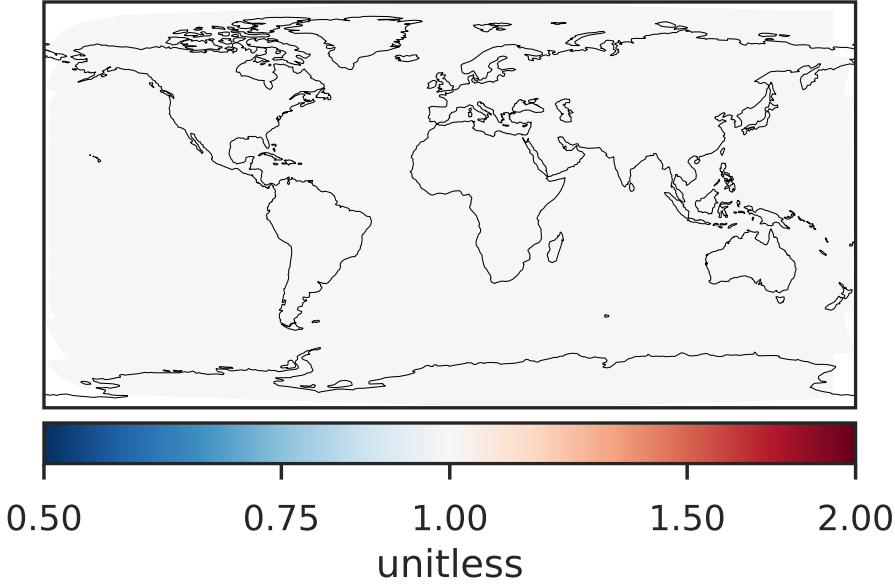
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

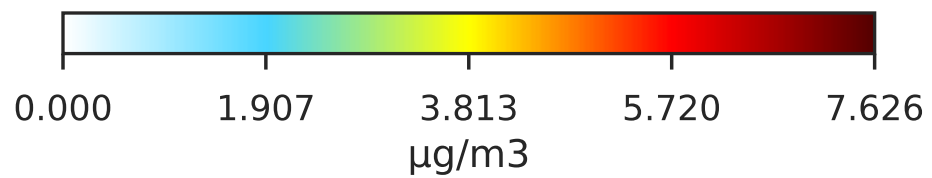
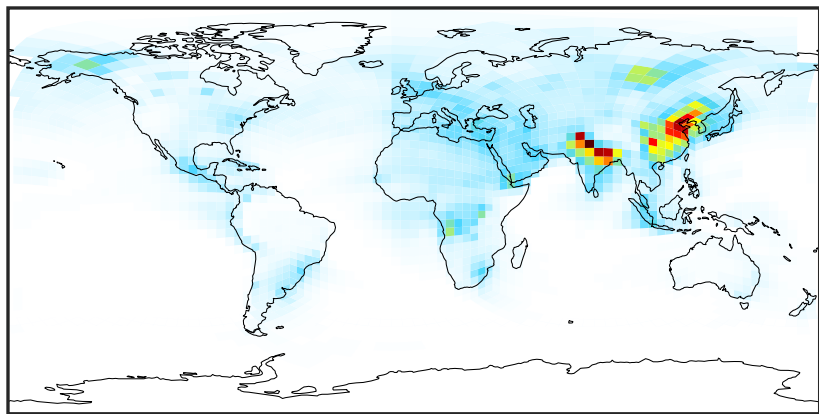


Ratio
Dev/Ref, Fixed Range

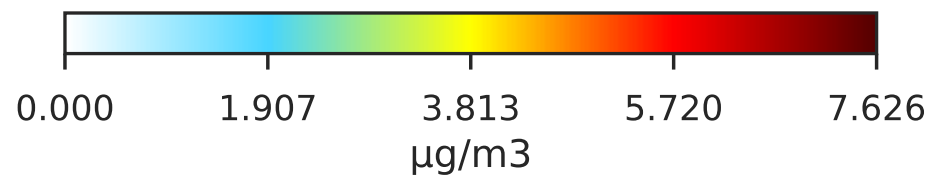
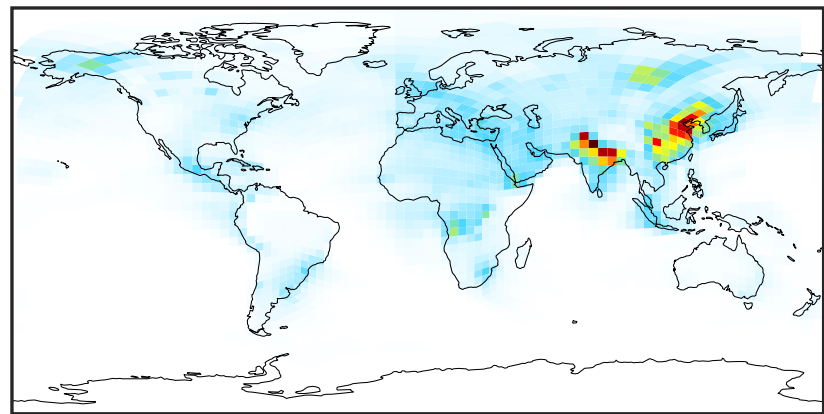


SpeciesConcVV_NH4

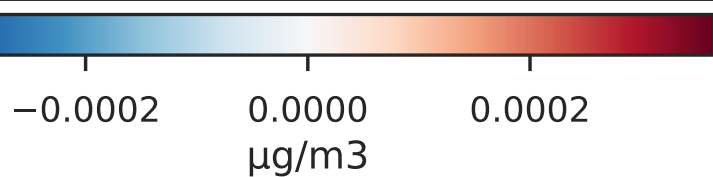
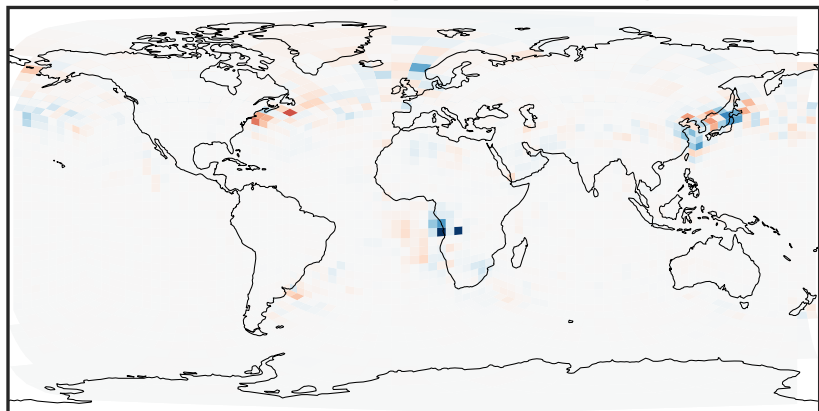
gchp-c24-1Mon-14.2.0 (Ref)
c24



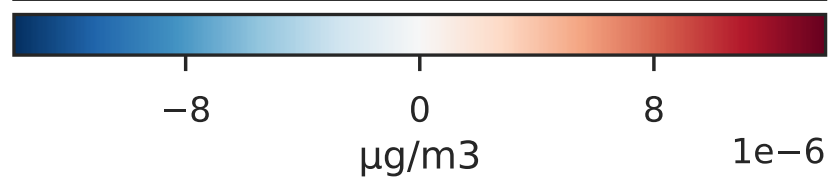
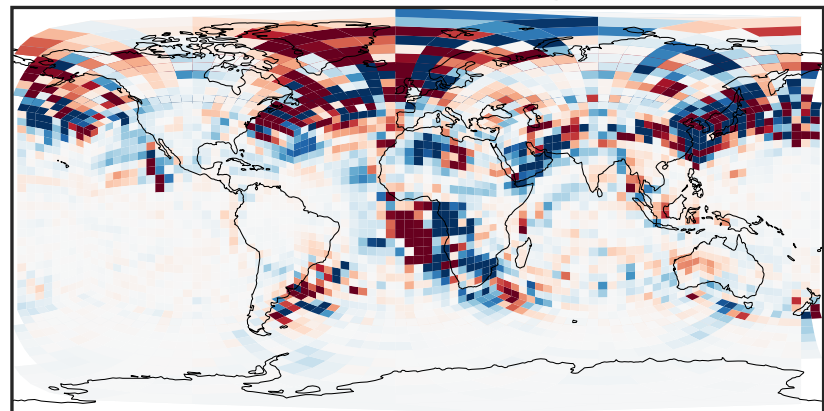
gchp-c24-1Mon-14.2.1 (Dev)
c24



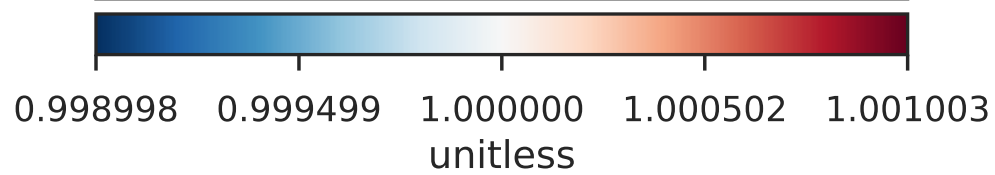
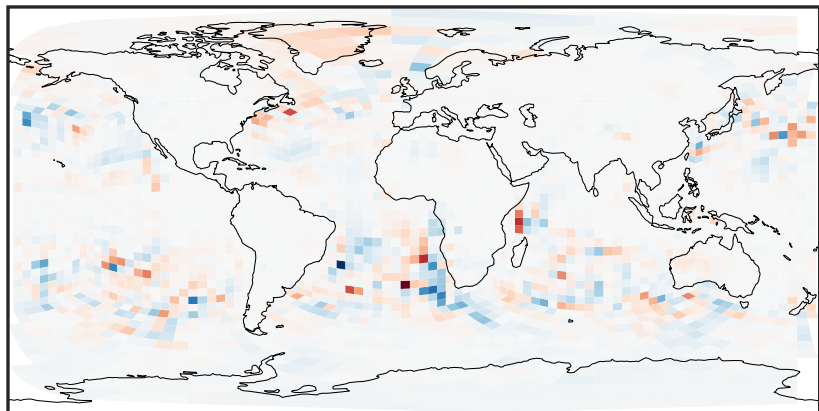
Difference
Dev - Ref, Dynamic Range



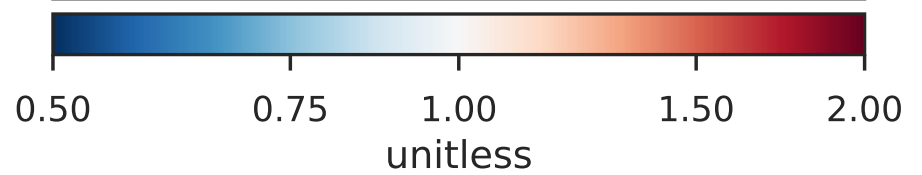
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

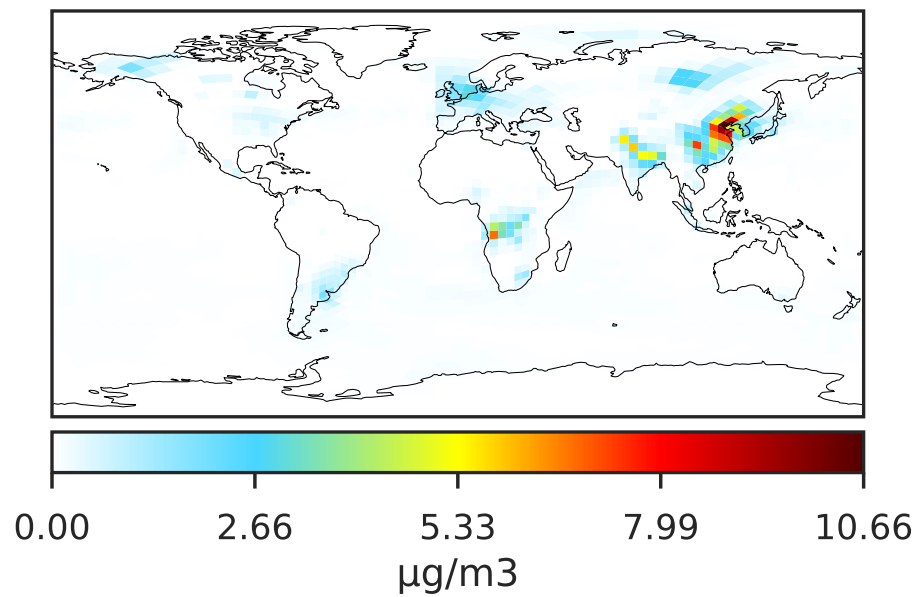


Ratio
Dev/Ref, Fixed Range

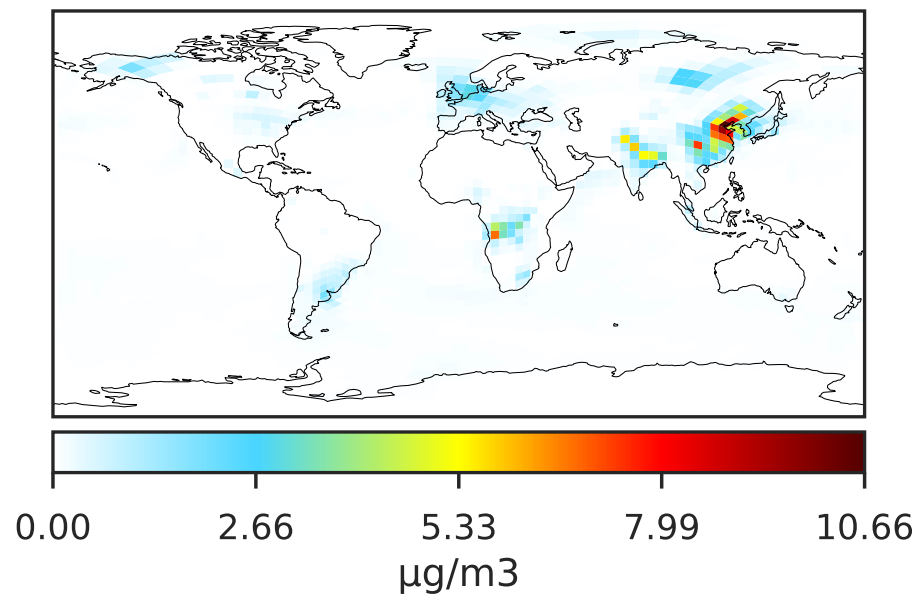


SpeciesConcVV_NIT

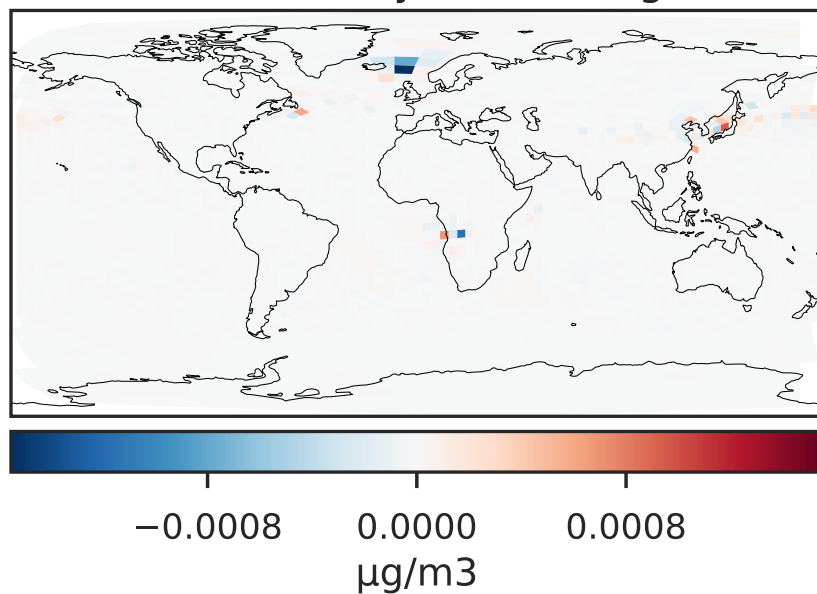
gchp-c24-1Mon-14.2.0 (Ref)
c24



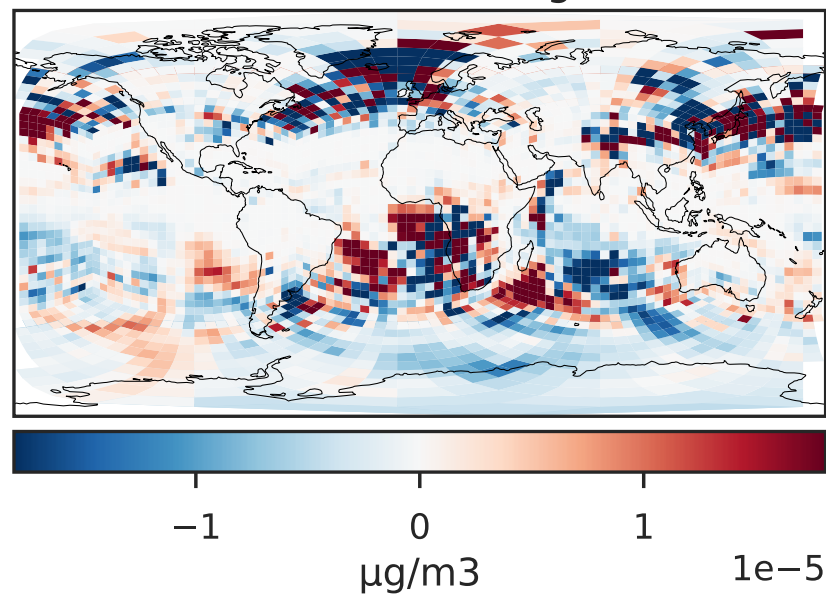
gchp-c24-1Mon-14.2.1 (Dev)
c24



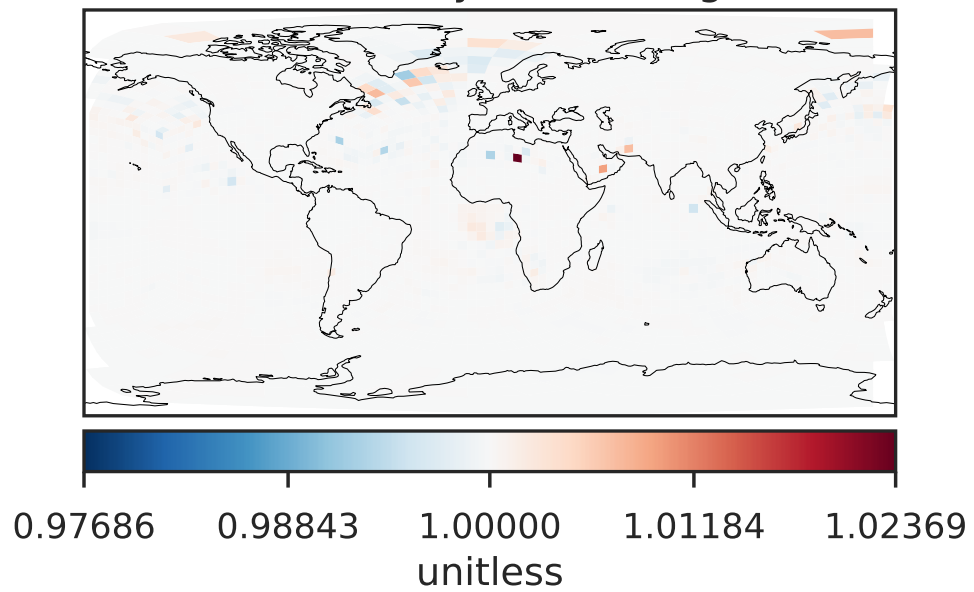
Difference
Dev - Ref, Dynamic Range



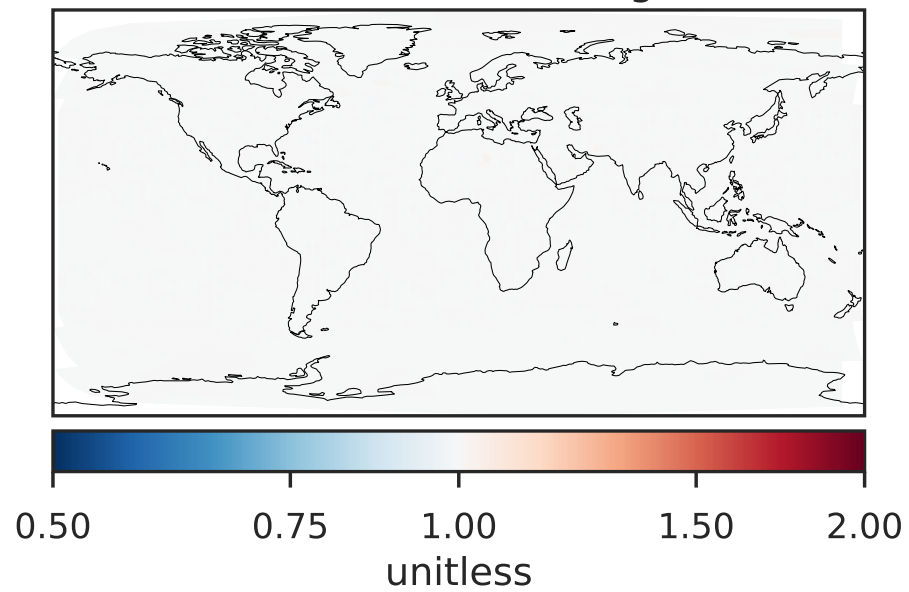
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

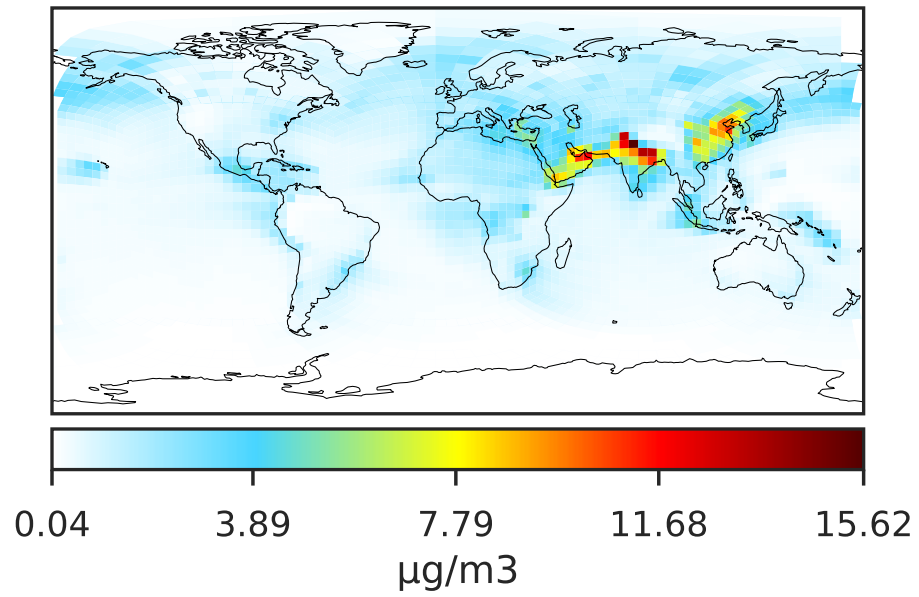


Ratio
Dev/Ref, Fixed Range

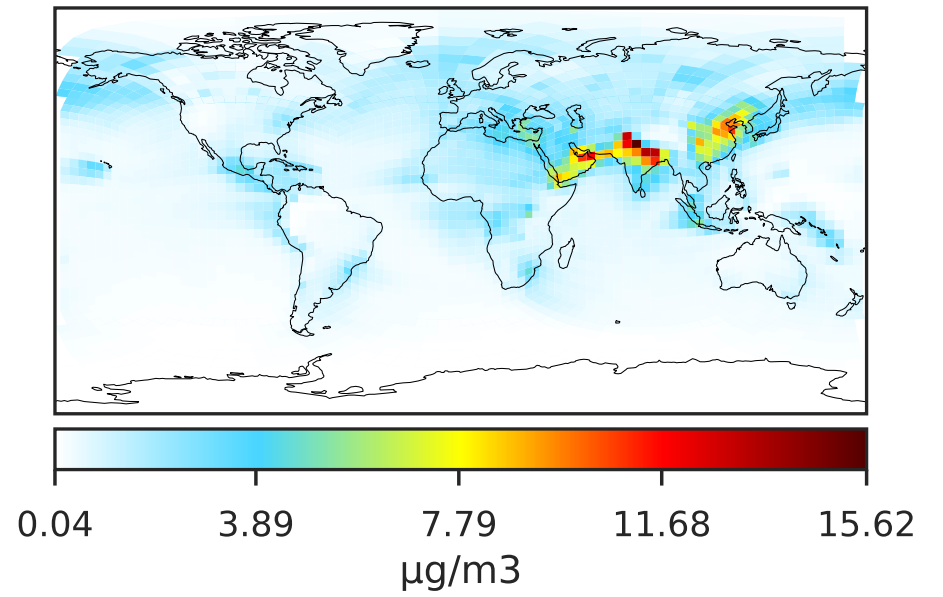


SpeciesConcVV_SO4

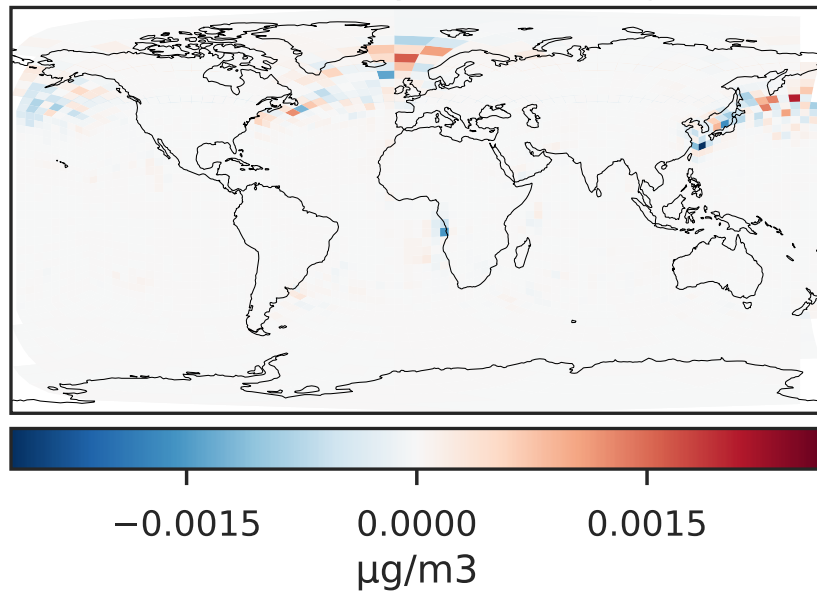
gchp-c24-1Mon-14.2.0 (Ref)
c24



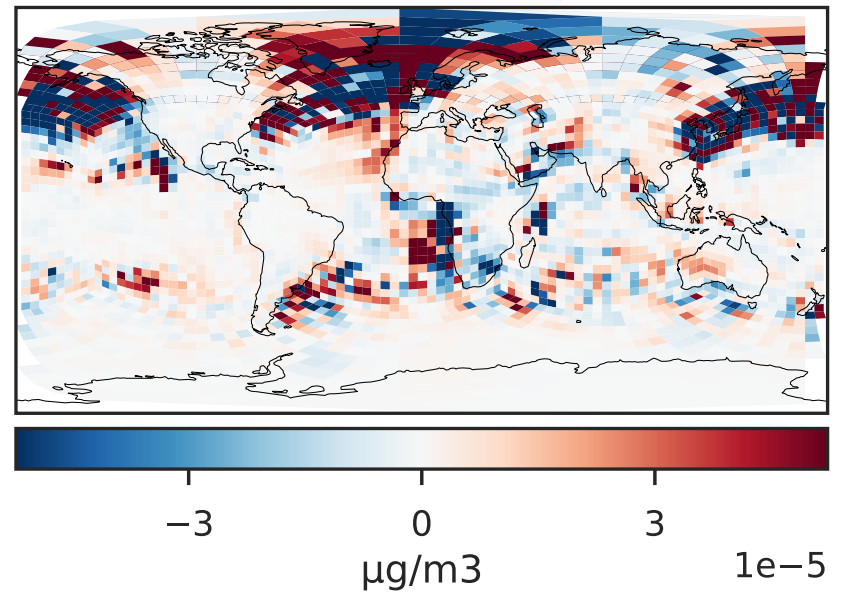
gchp-c24-1Mon-14.2.1 (Dev)
c24



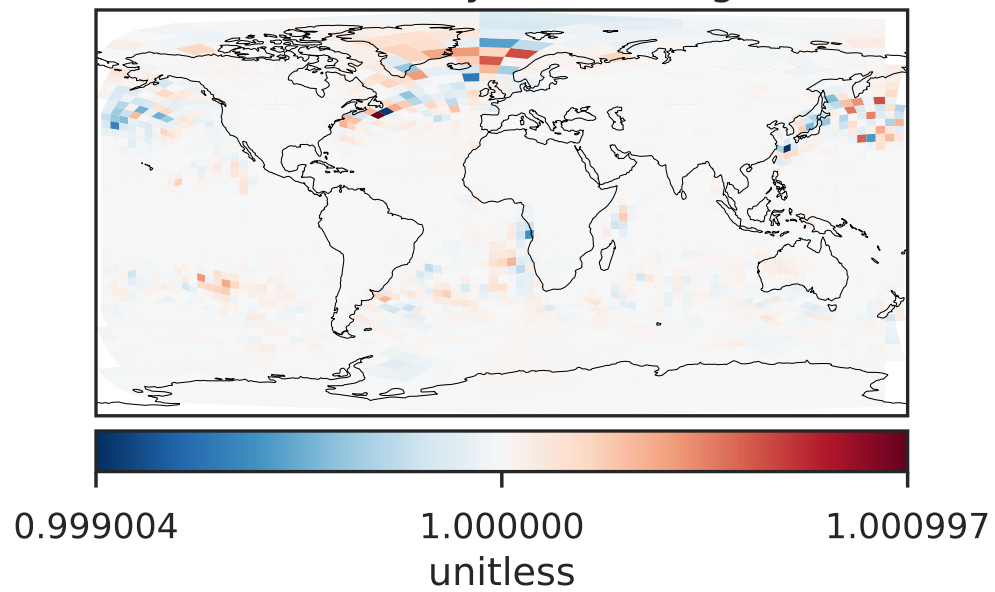
Difference
Dev - Ref, Dynamic Range



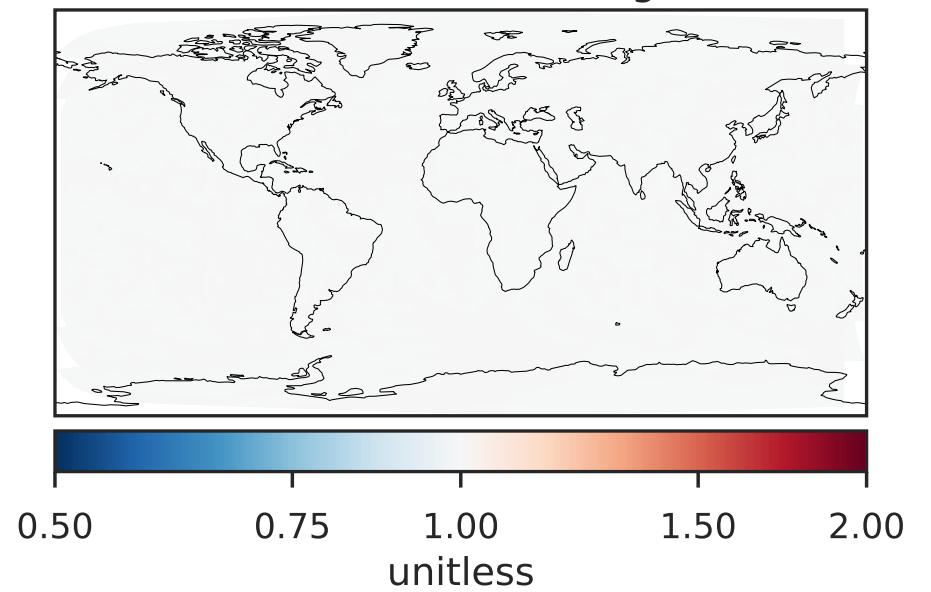
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

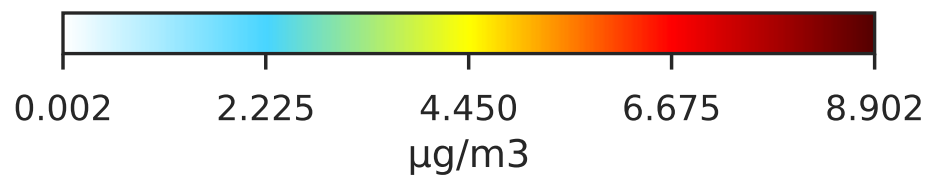
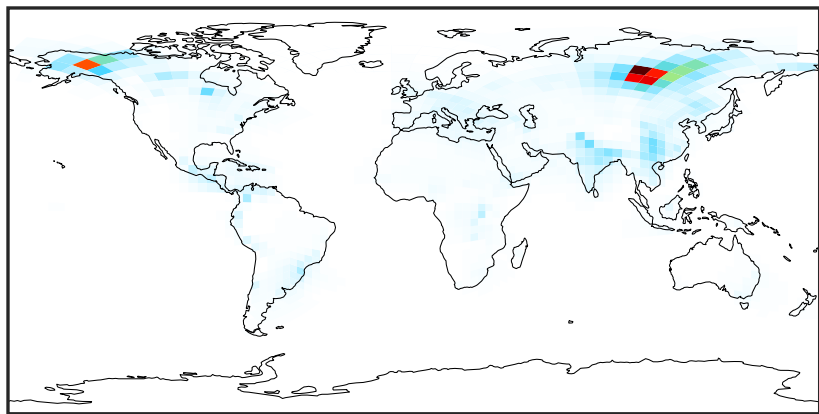


Ratio
Dev/Ref, Fixed Range

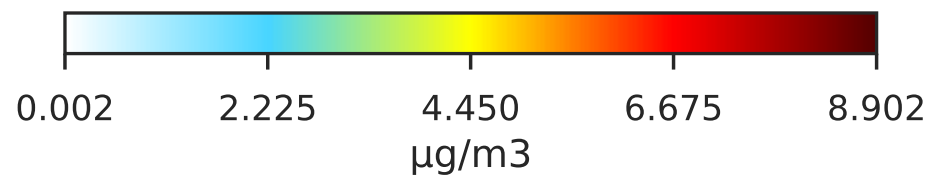
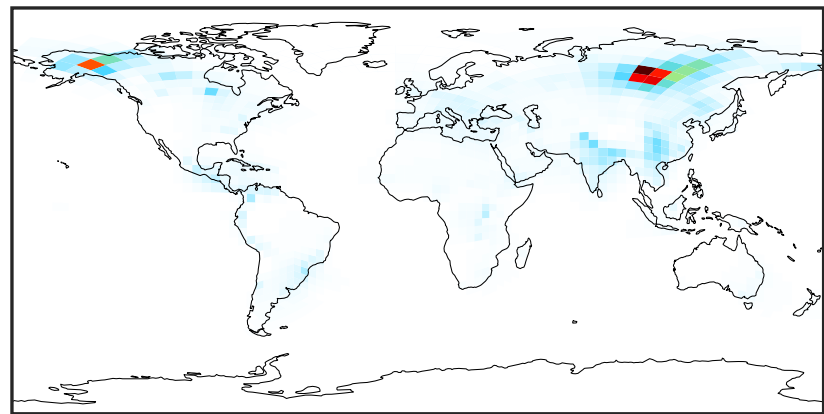


SpeciesConcVV_HMS

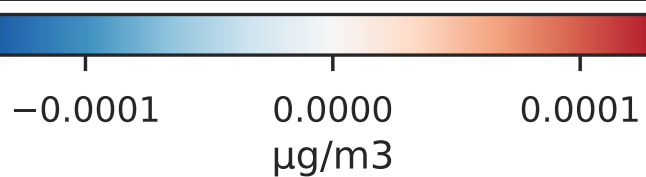
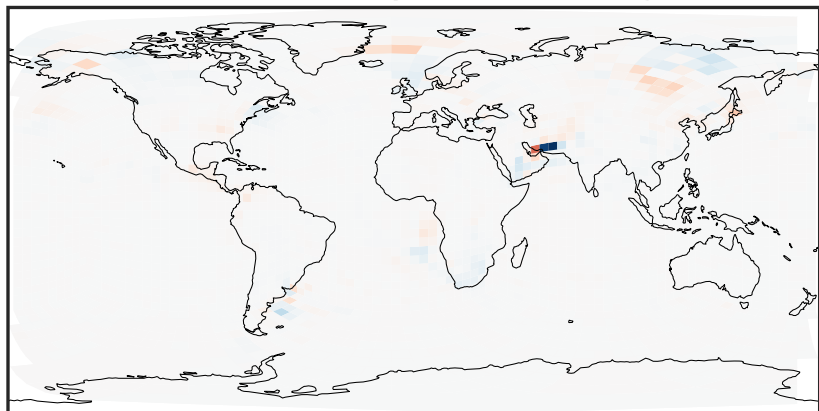
gchp-c24-1Mon-14.2.0 (Ref)
c24



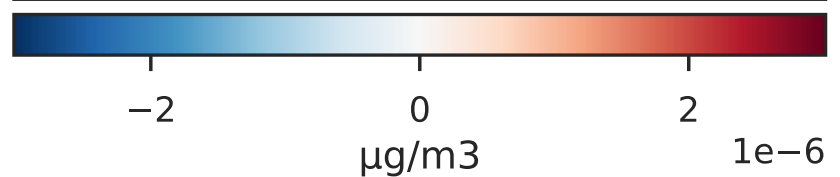
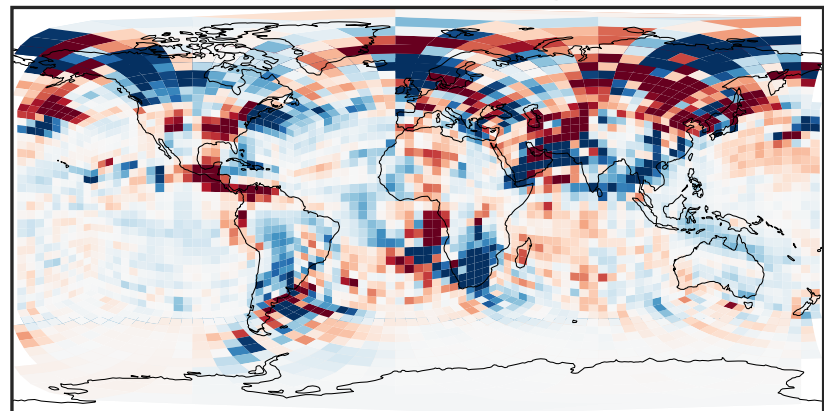
gchp-c24-1Mon-14.2.1 (Dev)
c24



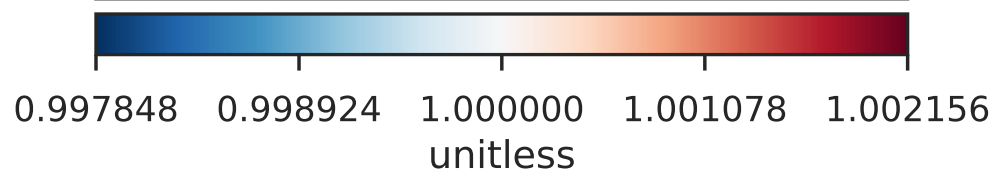
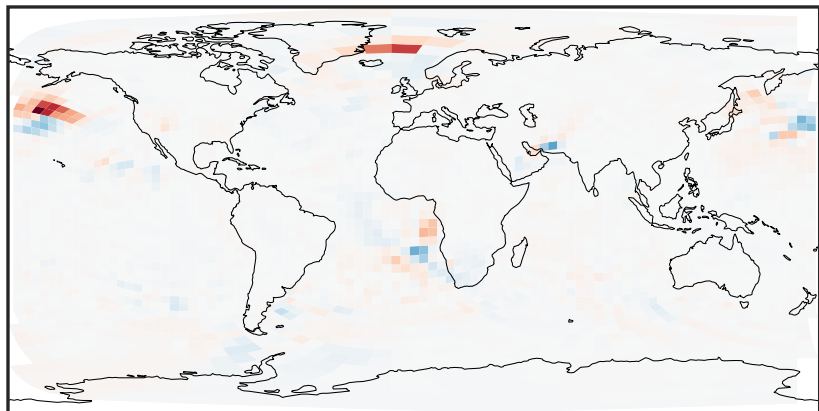
Difference
Dev - Ref, Dynamic Range



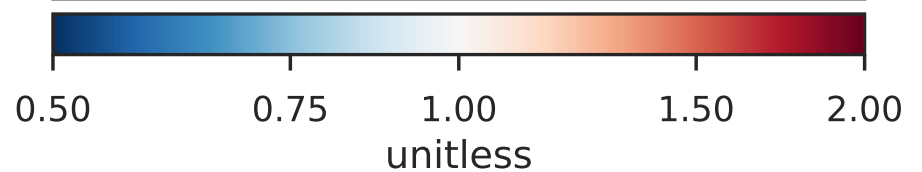
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

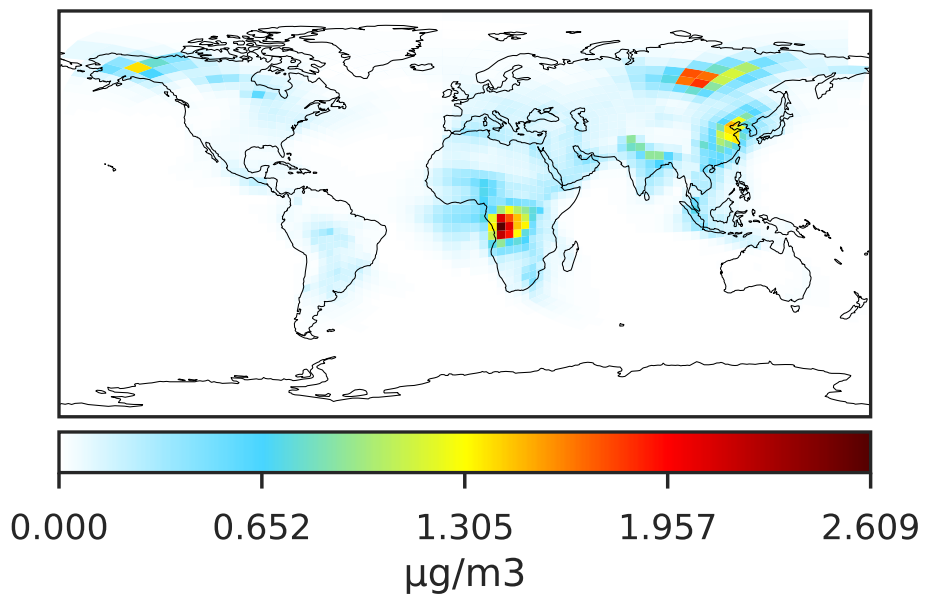


Ratio
Dev/Ref, Fixed Range

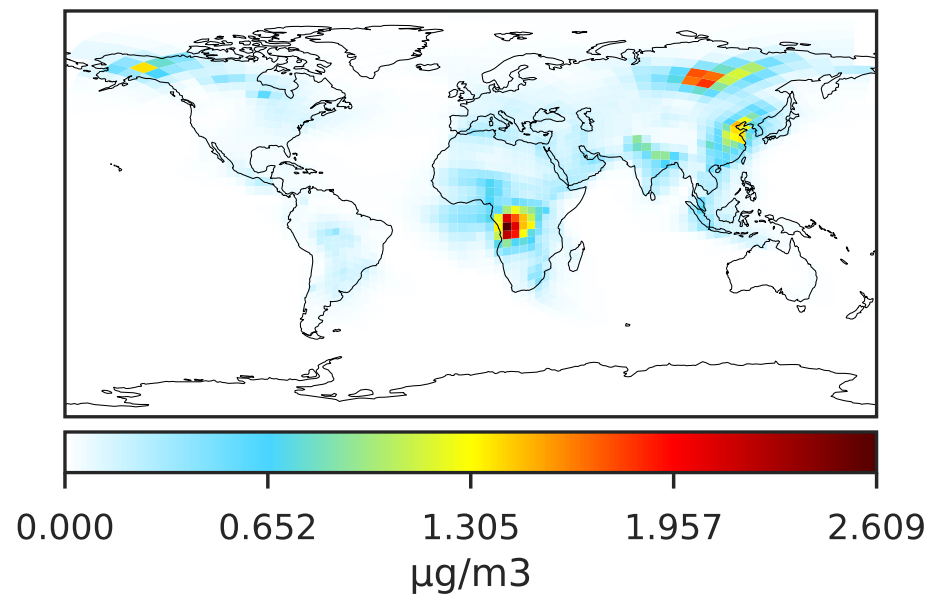


SpeciesConcVV_BCPI

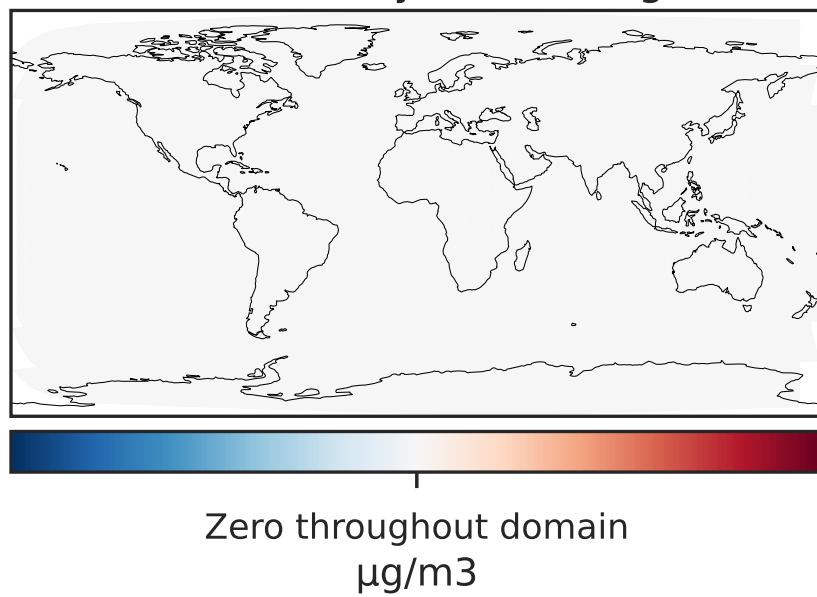
gchp-c24-1Mon-14.2.0 (Ref)
c24



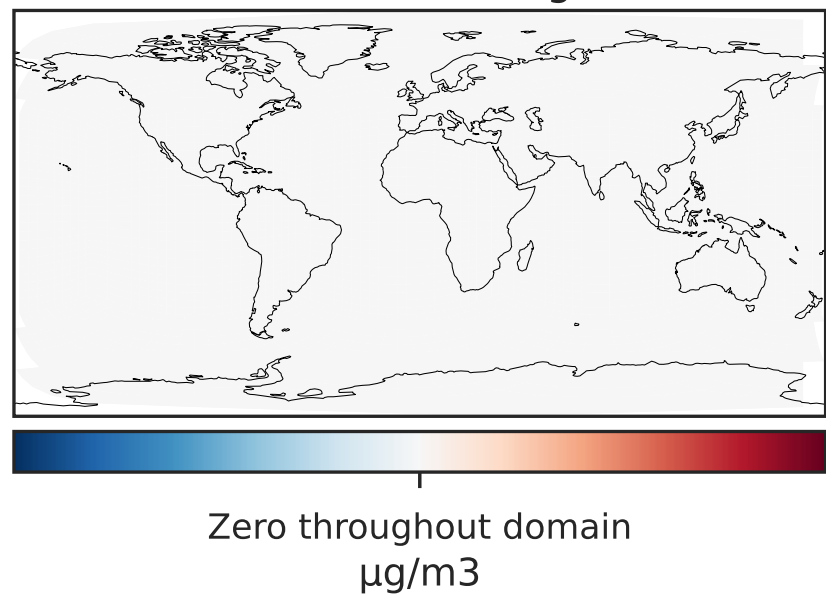
gchp-c24-1Mon-14.2.1 (Dev)
c24



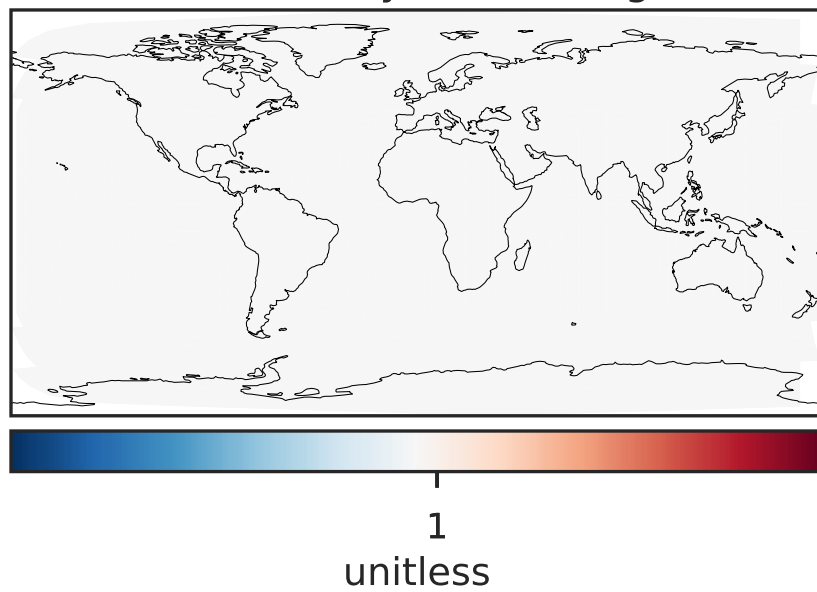
Difference
Dev - Ref, Dynamic Range



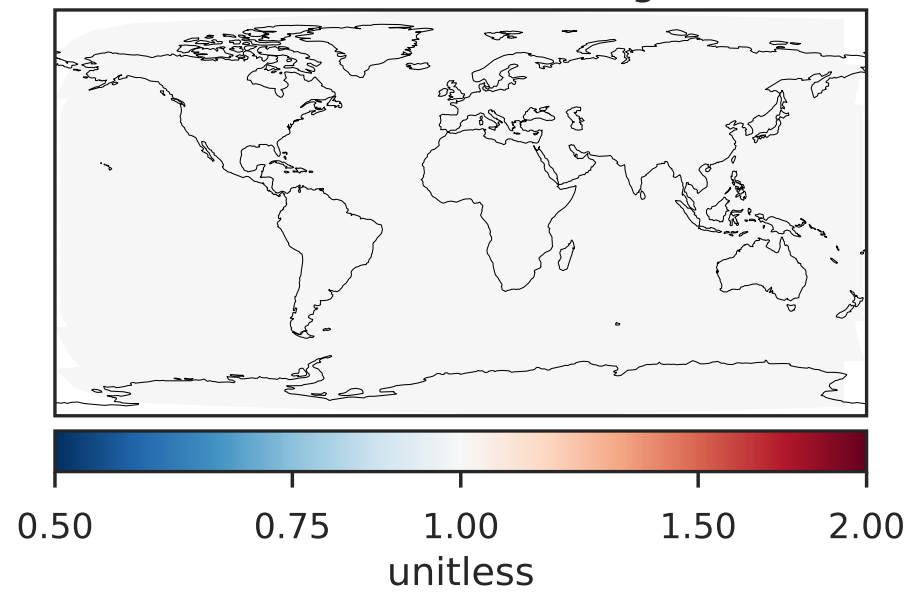
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

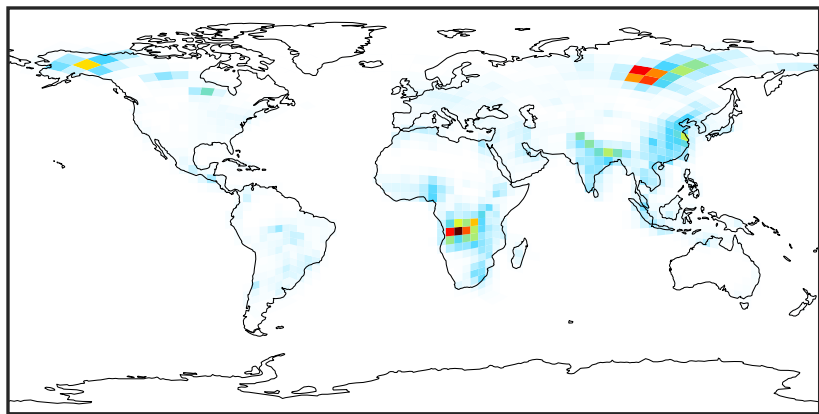


Ratio
Dev/Ref, Fixed Range



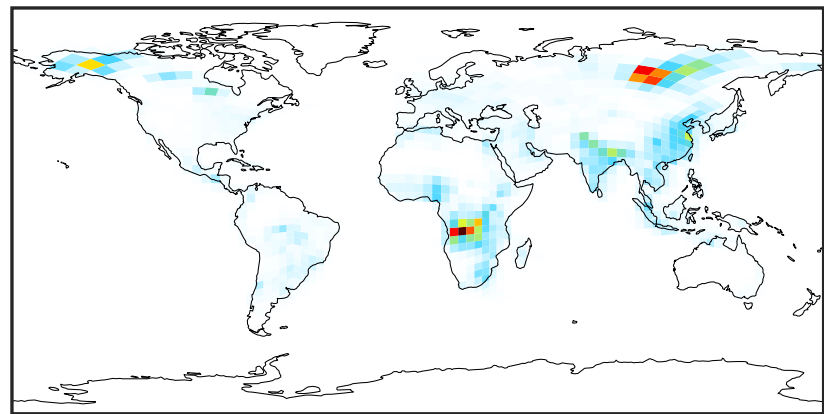
SpeciesConcVV_BCPO

gchp-c24-1Mon-14.2.0 (Ref)
c24



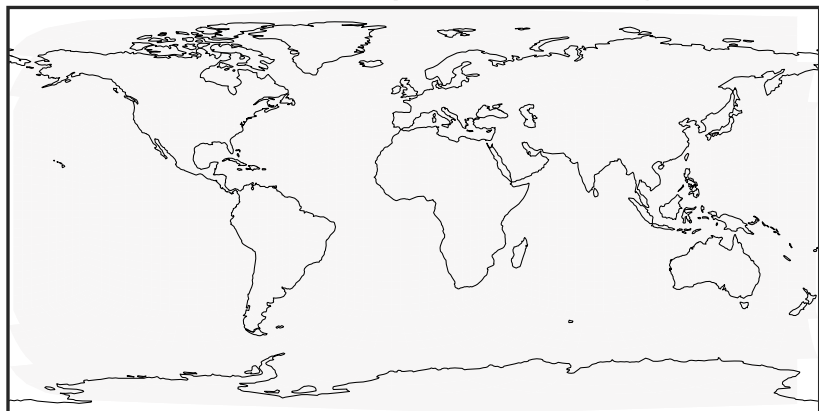
0.000 0.719 1.438 2.157 2.877
µg/m3

gchp-c24-1Mon-14.2.1 (Dev)
c24



0.000 0.719 1.438 2.157 2.877
µg/m3

Difference
Dev - Ref, Dynamic Range



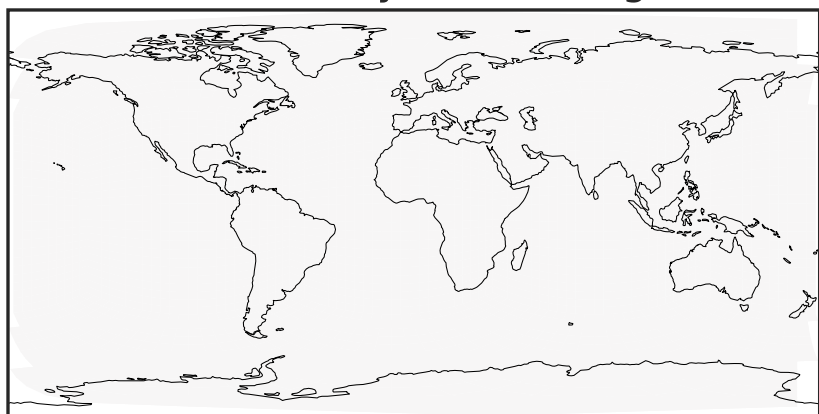
Zero throughout domain
µg/m3

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



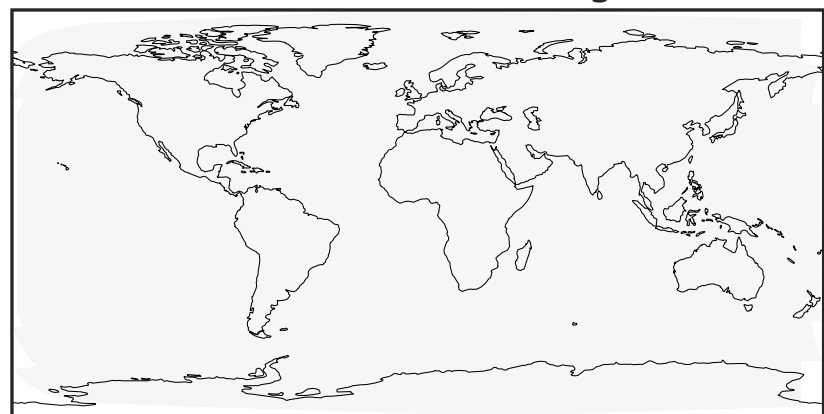
Zero throughout domain
µg/m3

Ratio
Dev/Ref, Dynamic Range



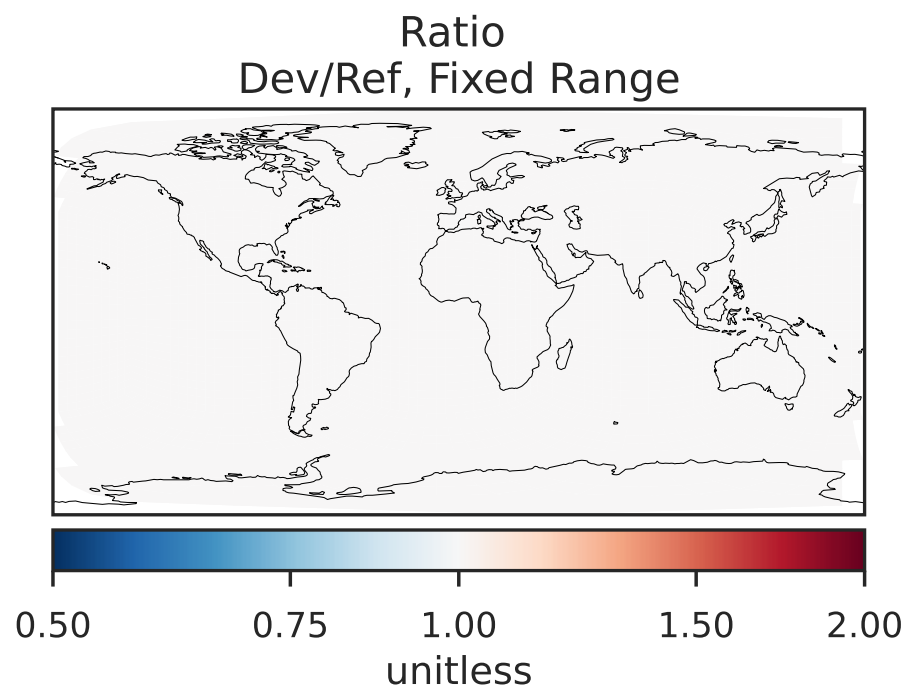
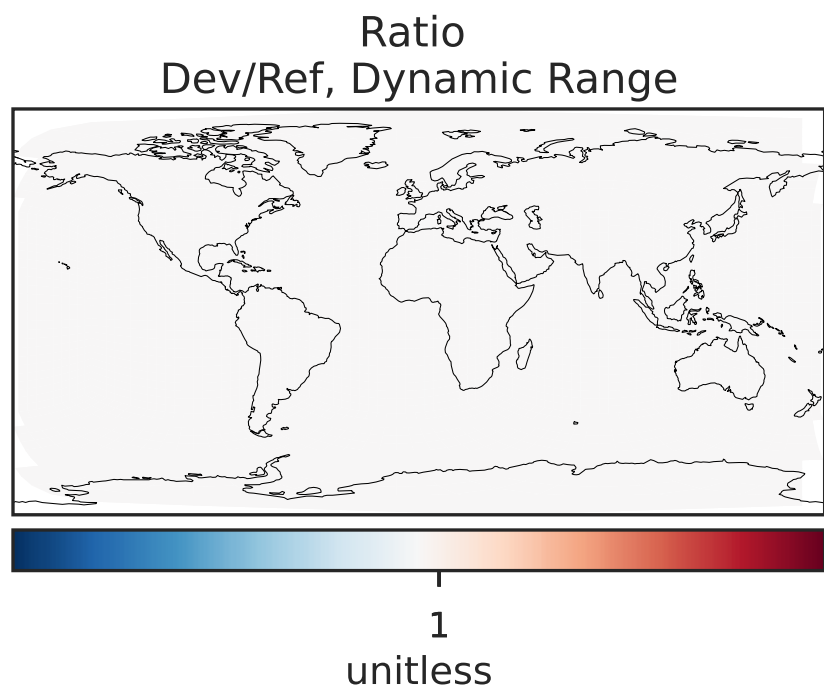
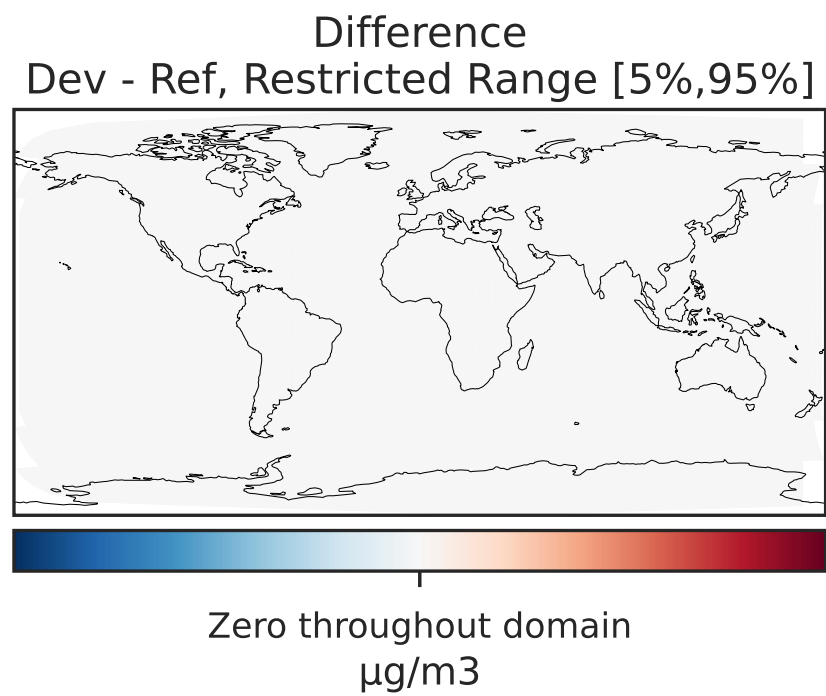
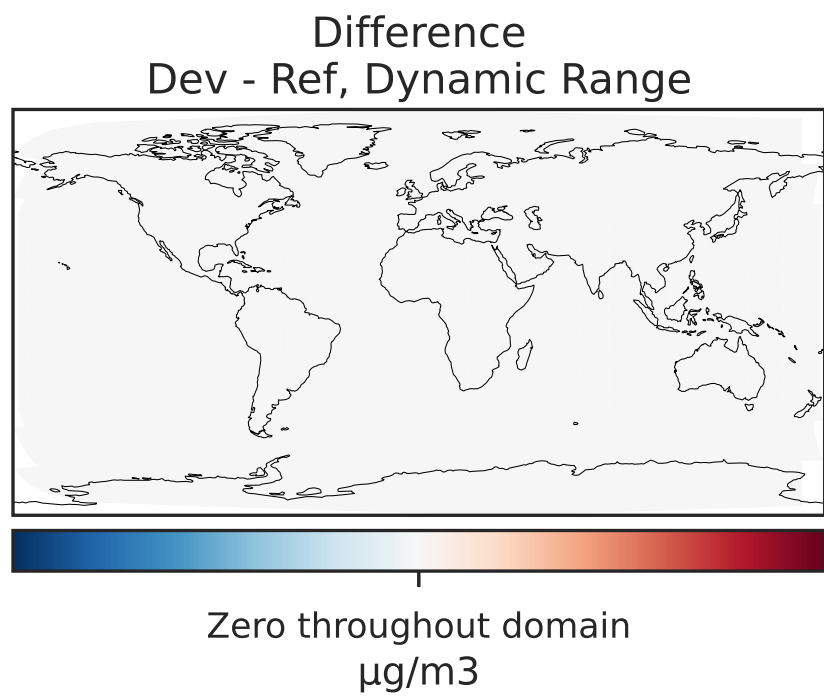
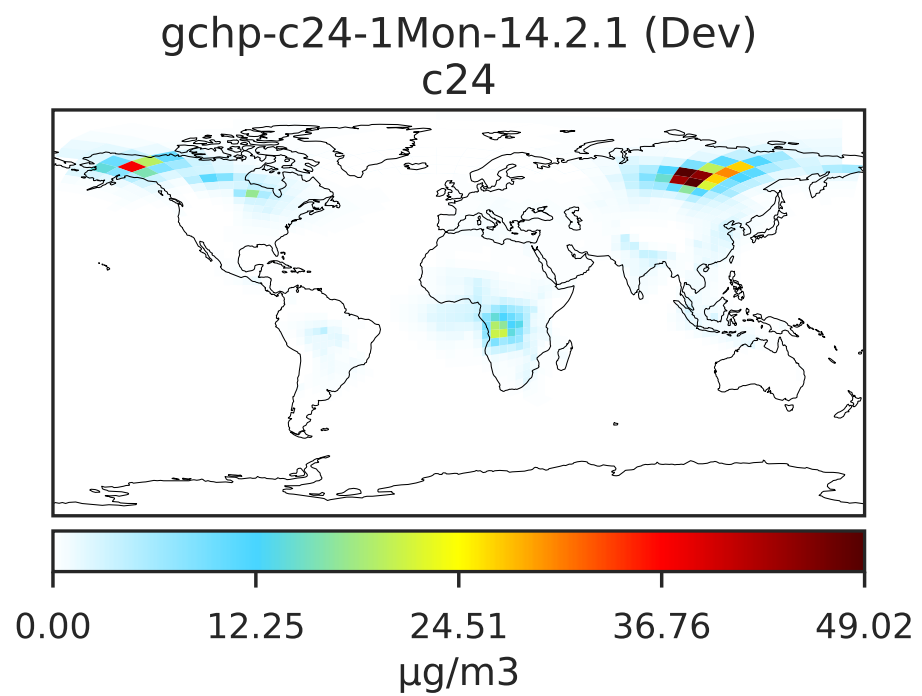
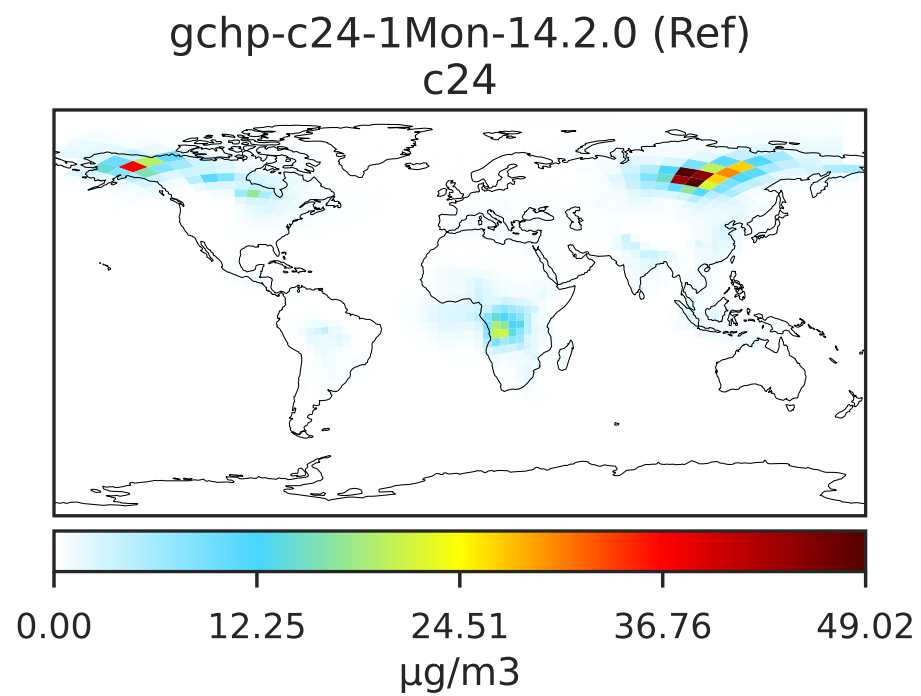
1
unitless

Ratio
Dev/Ref, Fixed Range

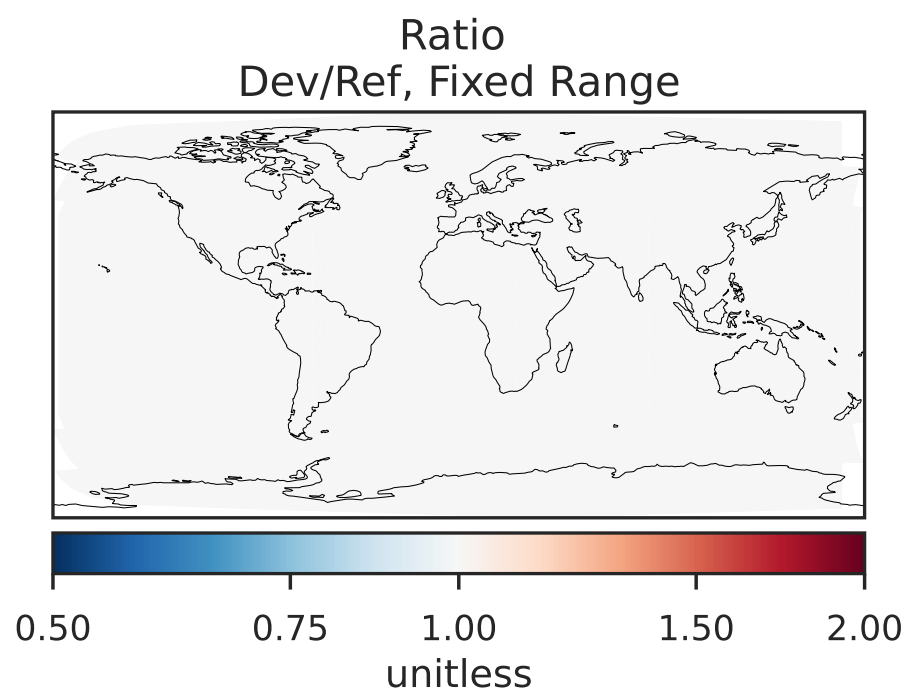
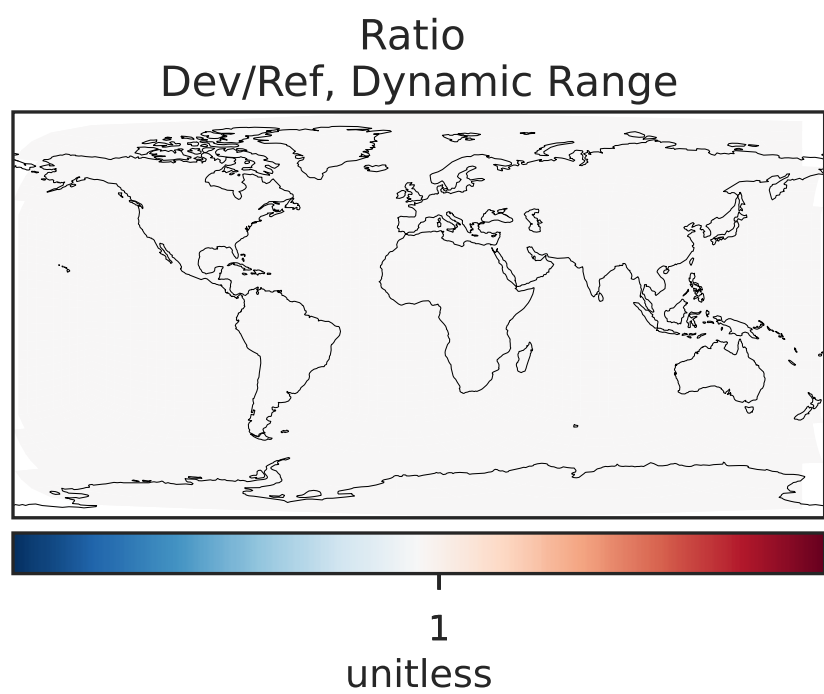
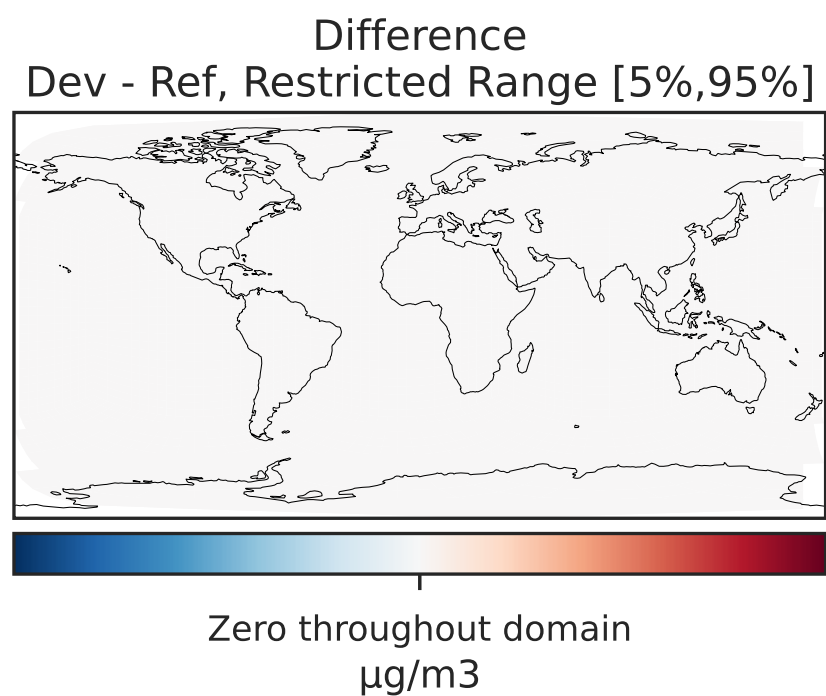
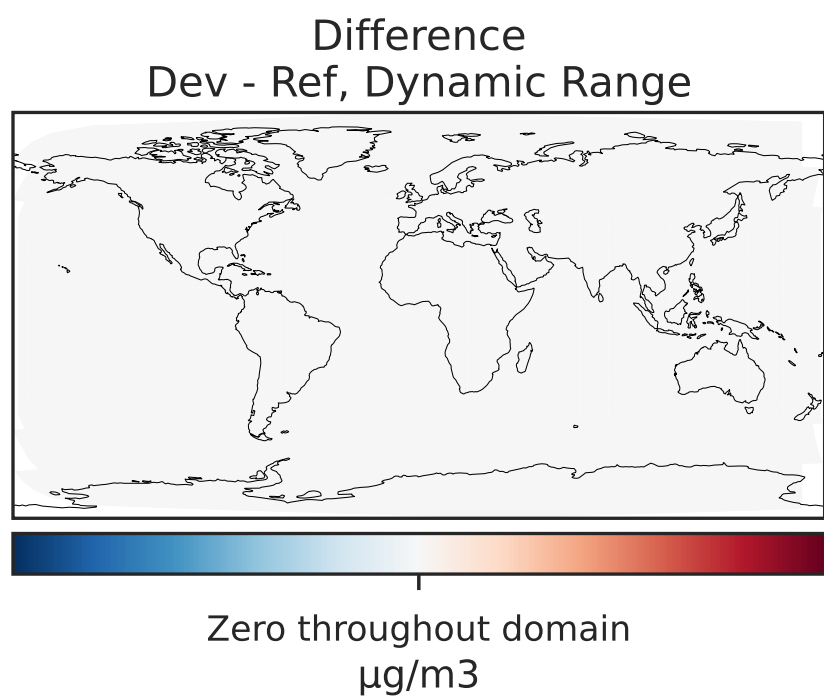
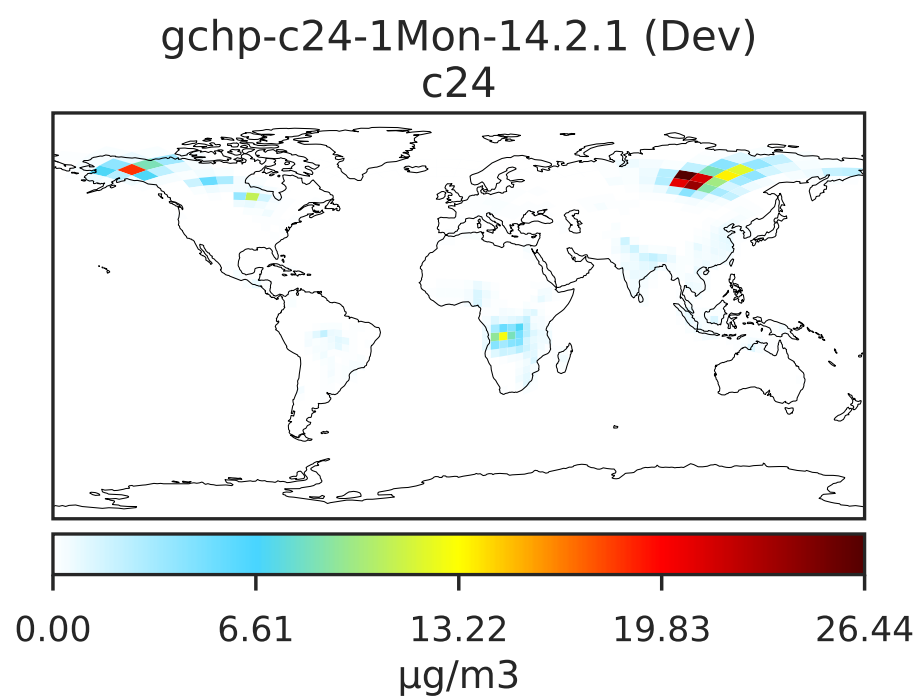
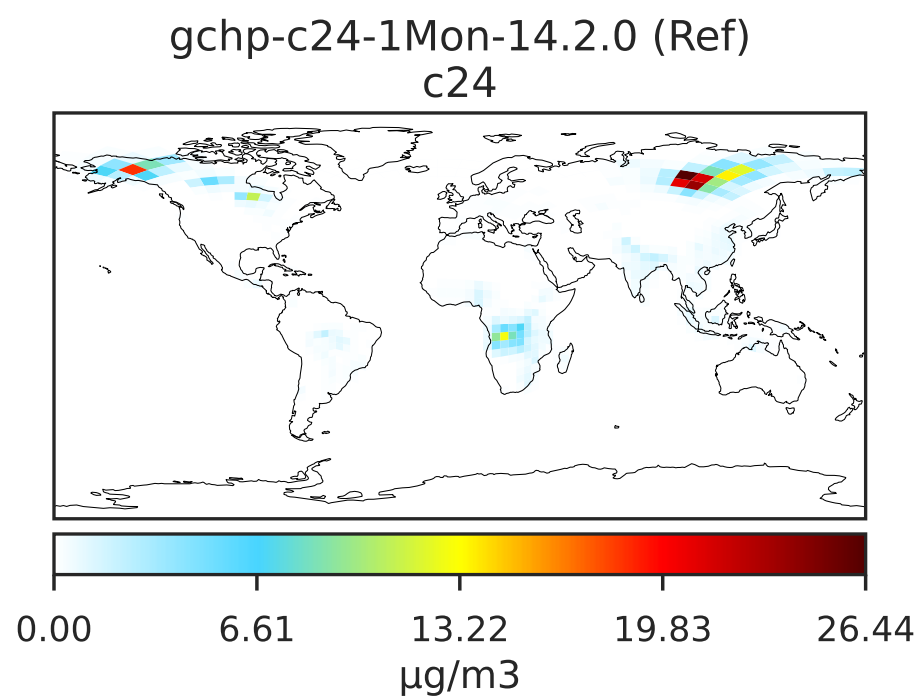


0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_OCPI

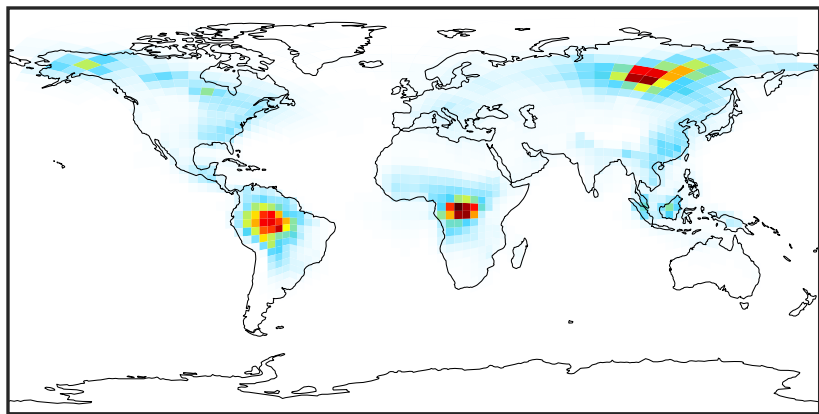


SpeciesConcVV_OCPO



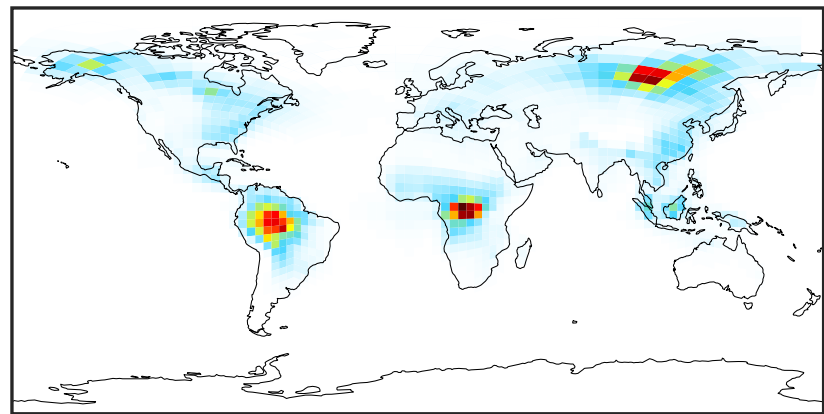
SpeciesConcVV_Complex_SOA

gchp-c24-1Mon-14.2.0 (Ref)
c24



0.000 2.246 4.492 6.738 8.984
µg/m³

gchp-c24-1Mon-14.2.1 (Dev)
c24



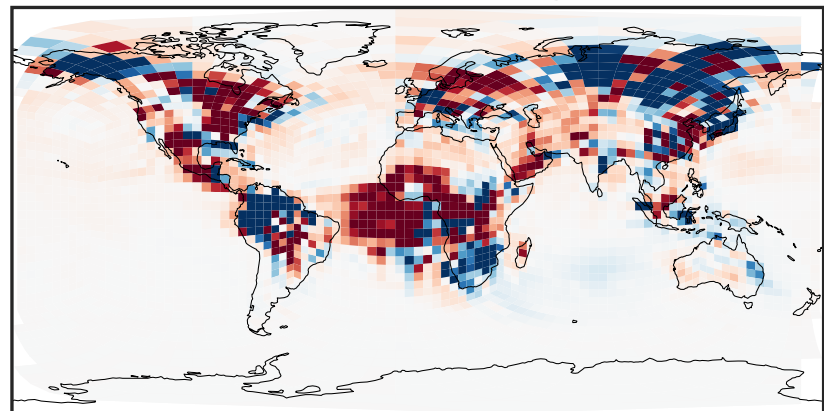
0.000 2.246 4.492 6.738 8.984
µg/m³

Difference
Dev - Ref, Dynamic Range



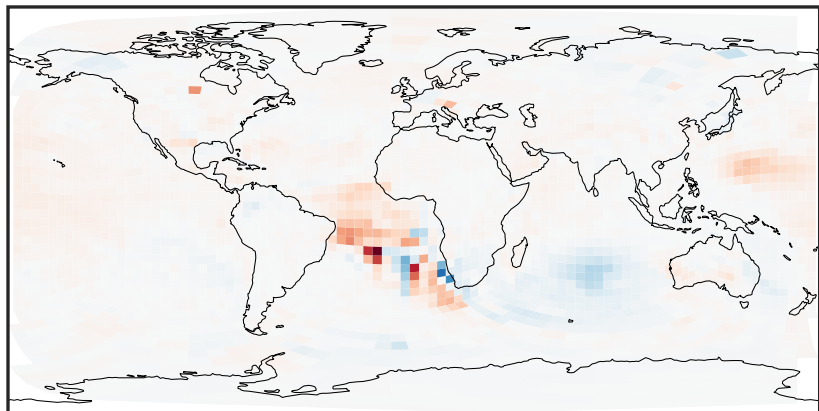
-6 0 6
µg/m³ 1e-5

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



-5 0 5
µg/m³ 1e-7

Ratio
Dev/Ref, Dynamic Range



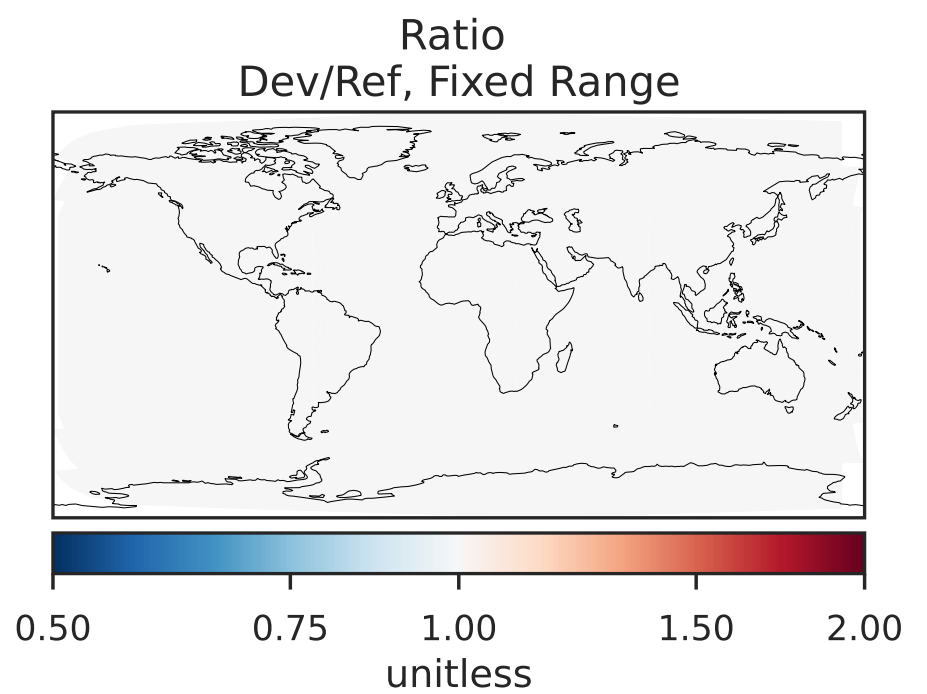
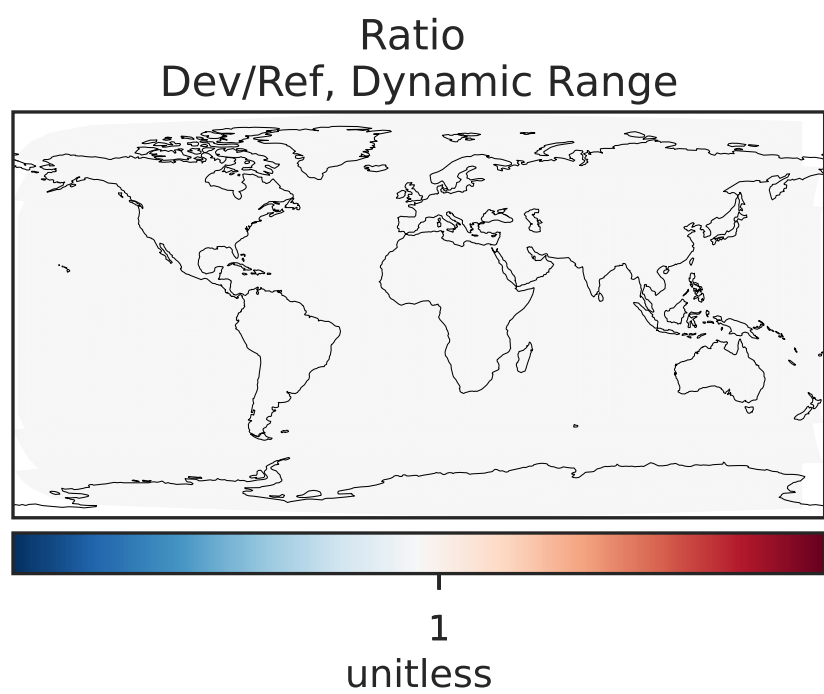
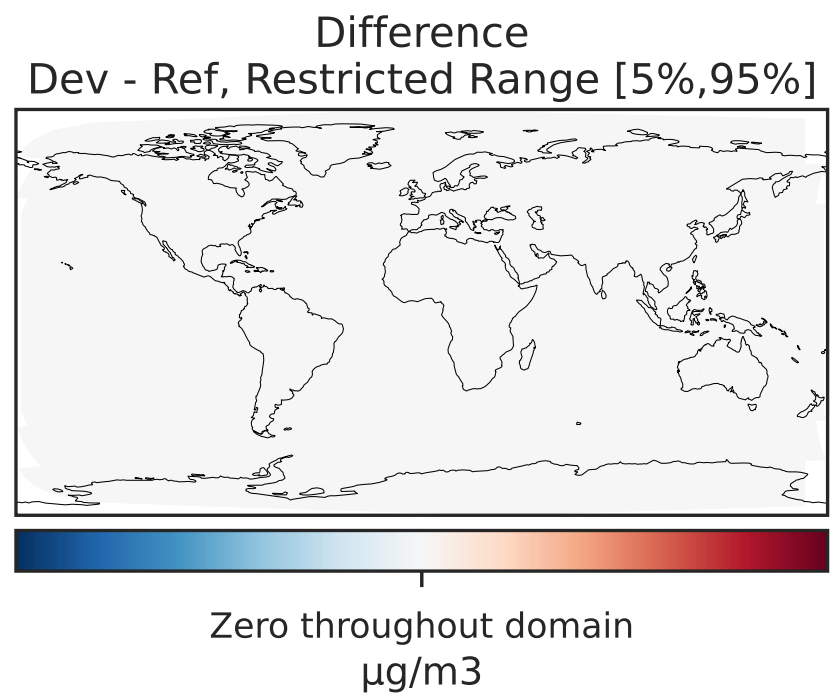
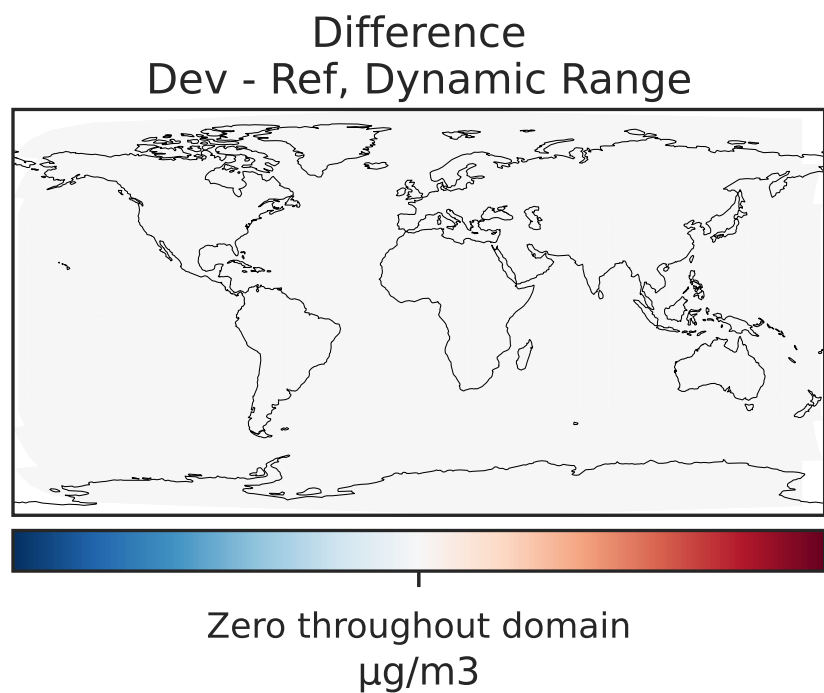
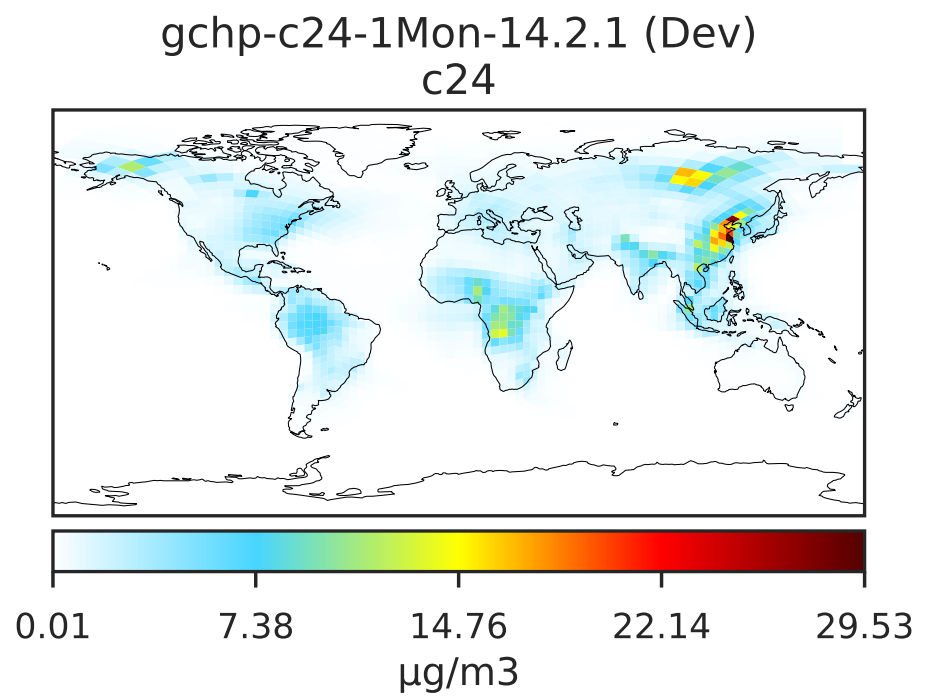
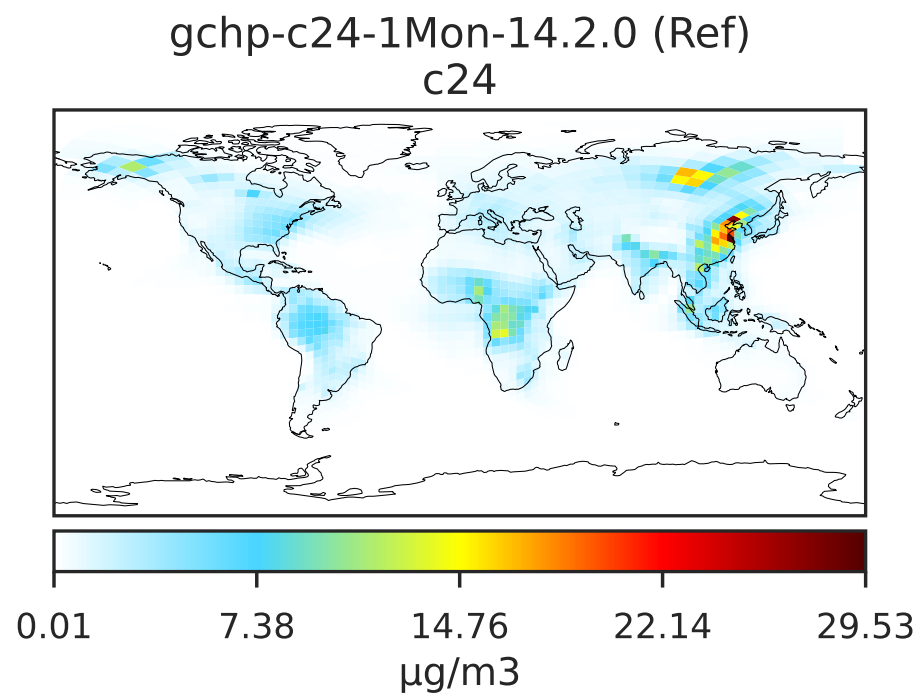
0.9998641 1.0000000 1.0001359
unitless

Ratio
Dev/Ref, Fixed Range



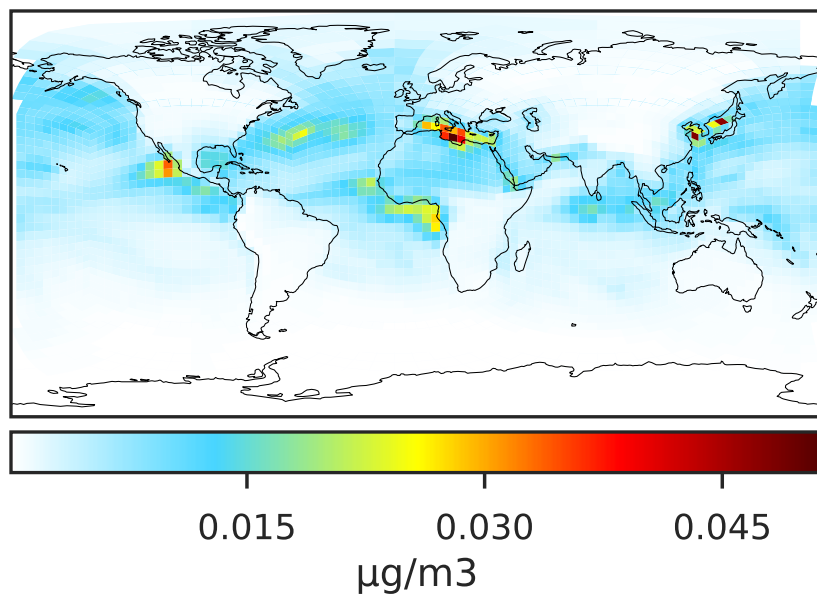
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_Simple_SOA

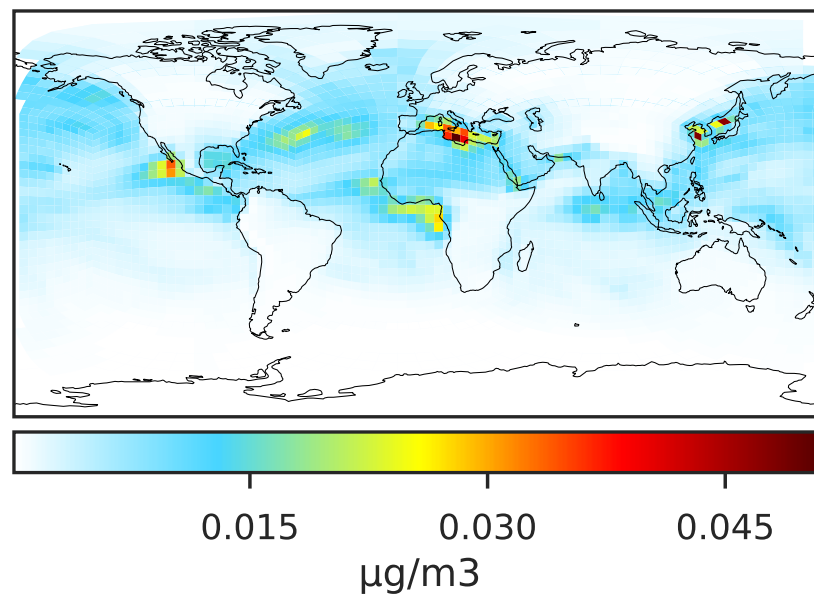


SpeciesConcVV_AERI

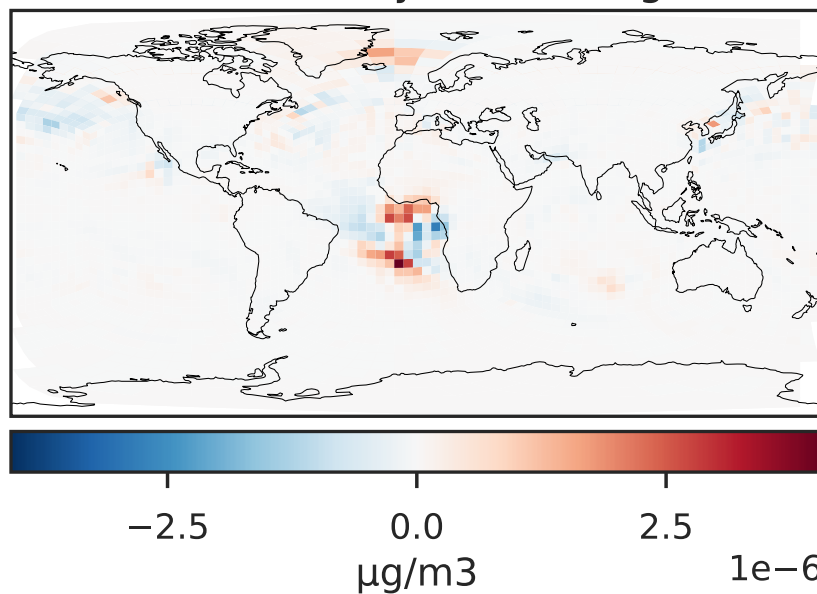
gchp-c24-1Mon-14.2.0 (Ref)
c24



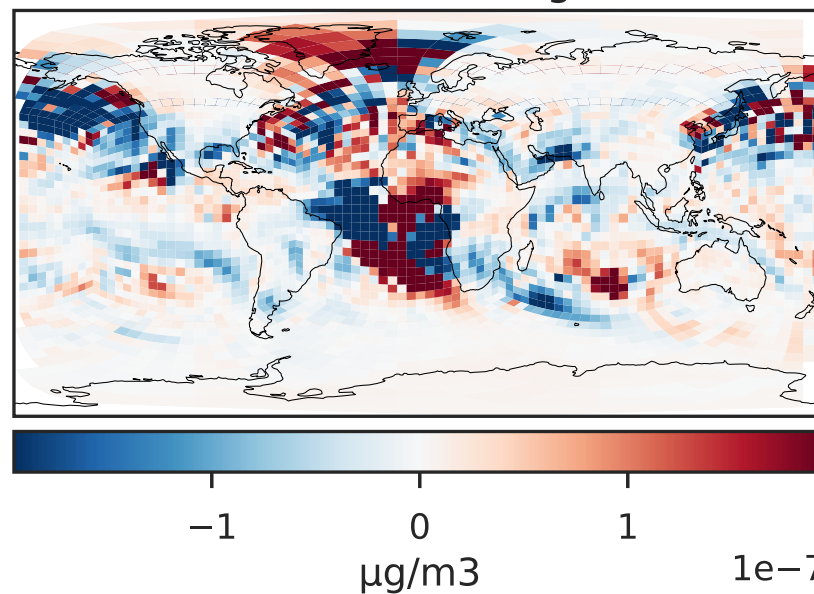
gchp-c24-1Mon-14.2.1 (Dev)
c24



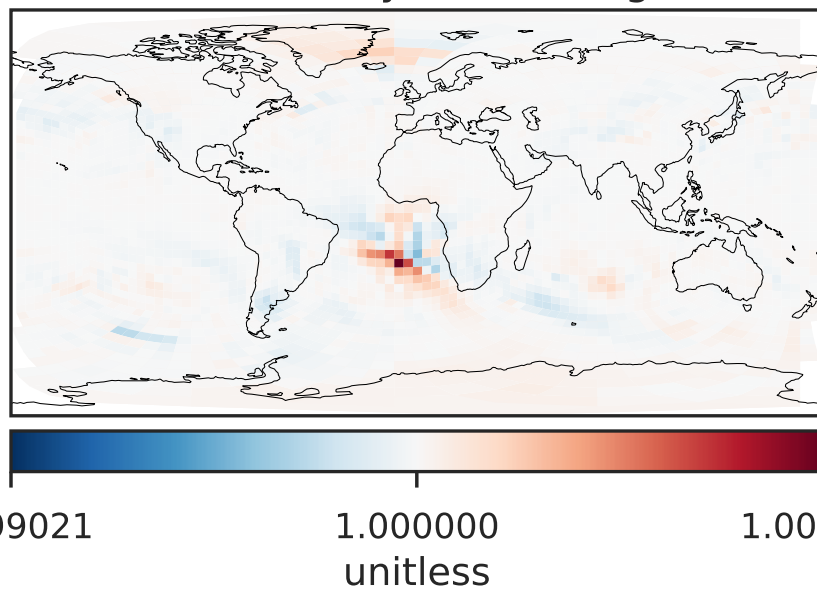
Difference
Dev - Ref, Dynamic Range



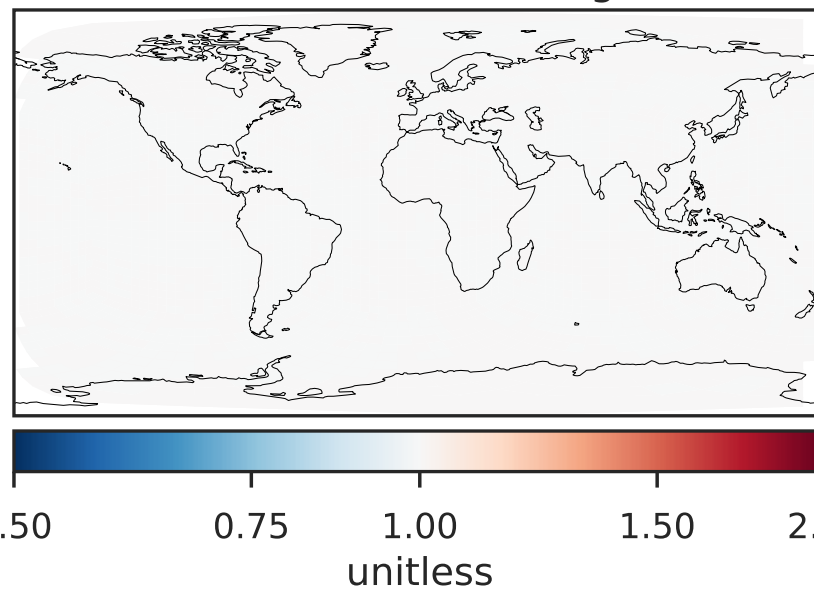
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

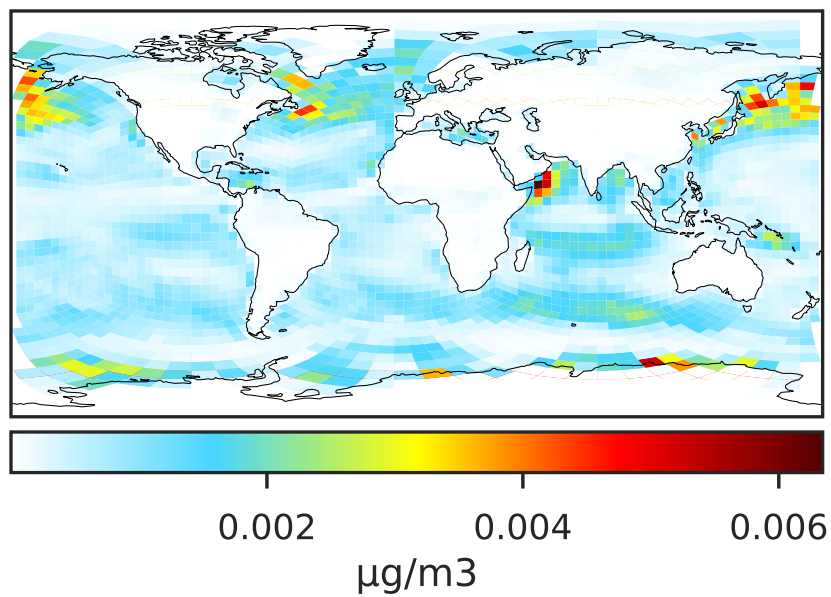


Ratio
Dev/Ref, Fixed Range

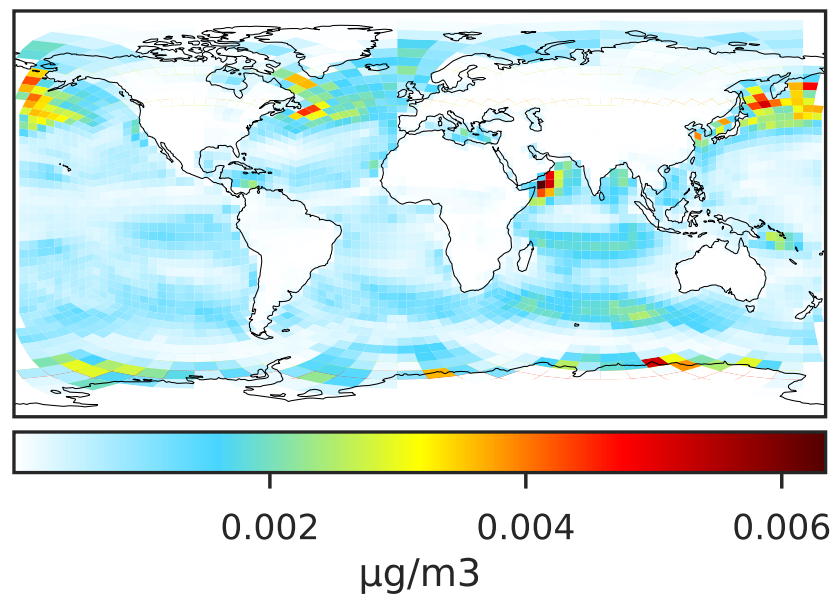


SpeciesConcVW_BrSALA

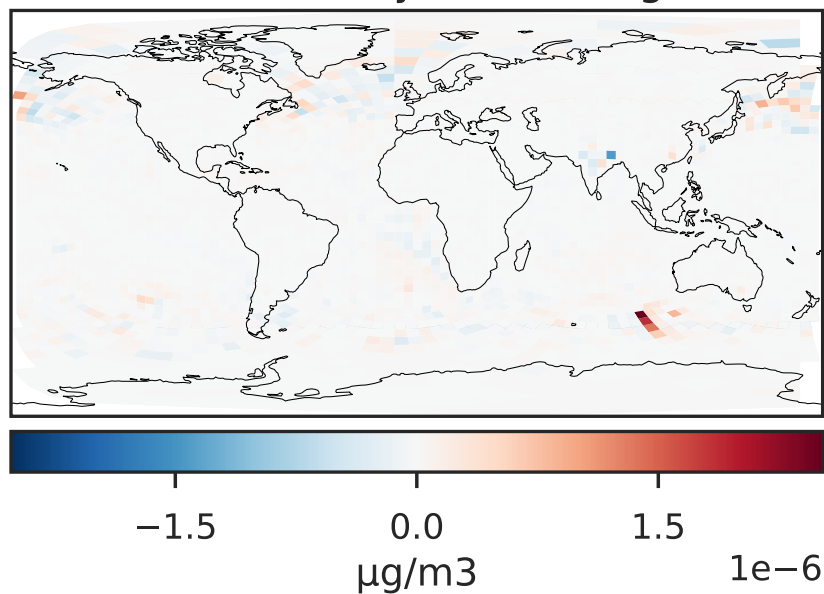
gchp-c24-1Mon-14.2.0 (Ref)
c24



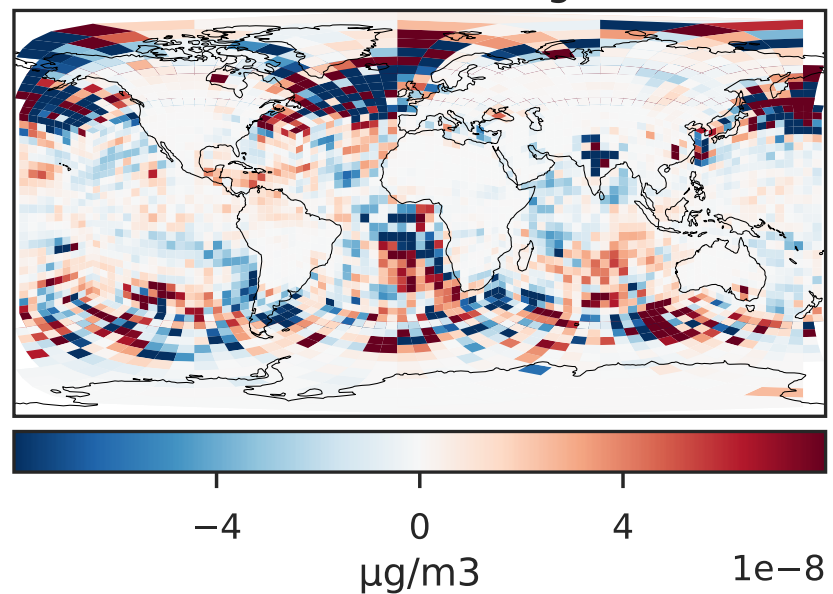
gchp-c24-1Mon-14.2.1 (Dev)
c24



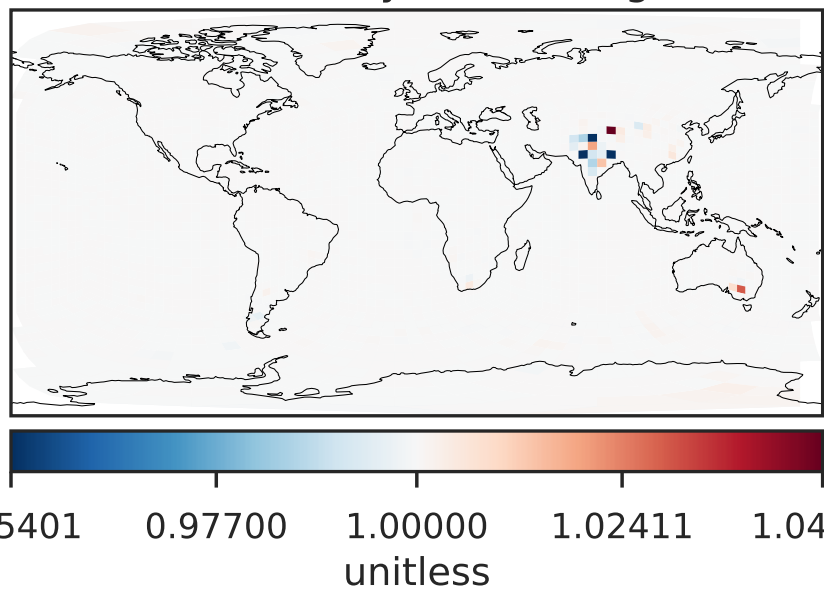
Difference
Dev - Ref, Dynamic Range



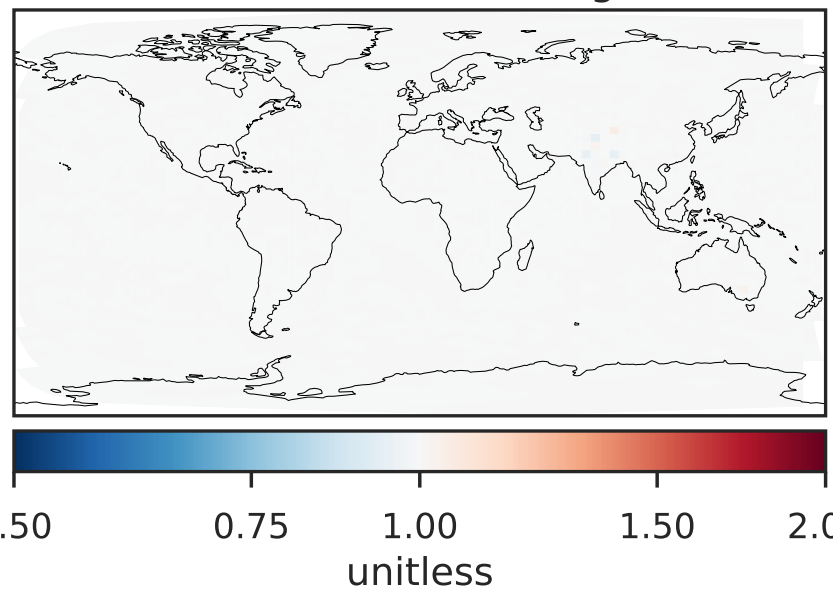
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

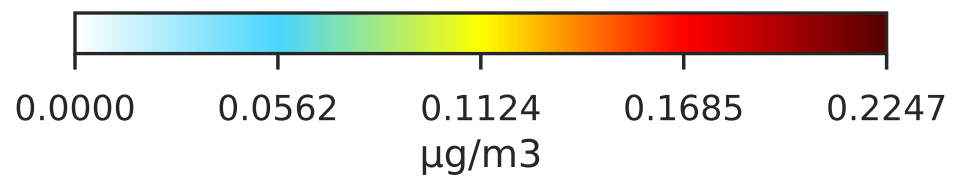
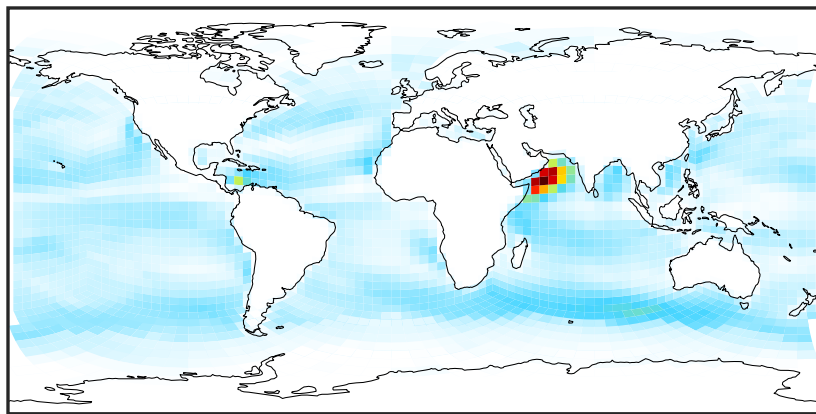


Ratio
Dev/Ref, Fixed Range

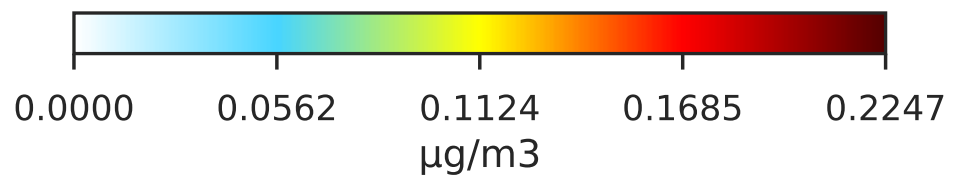
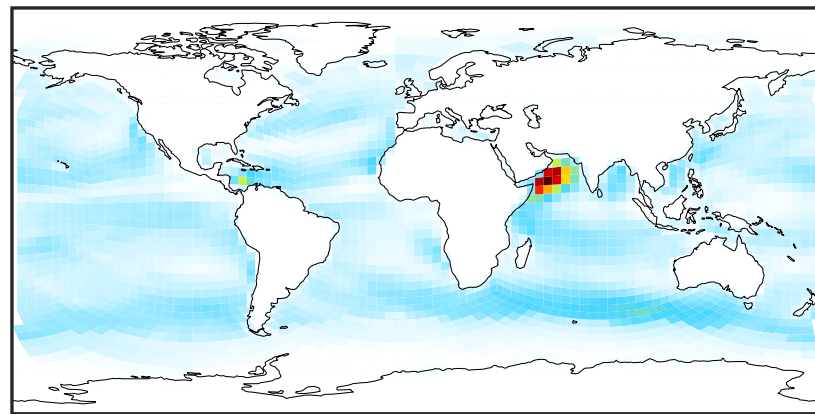


SpeciesConcVV_BrSALC

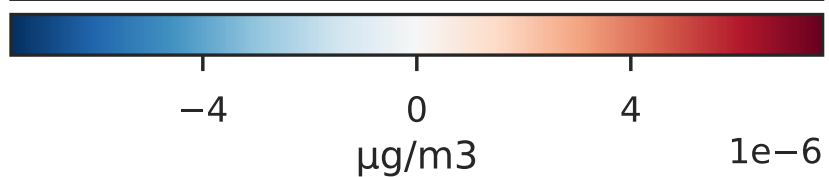
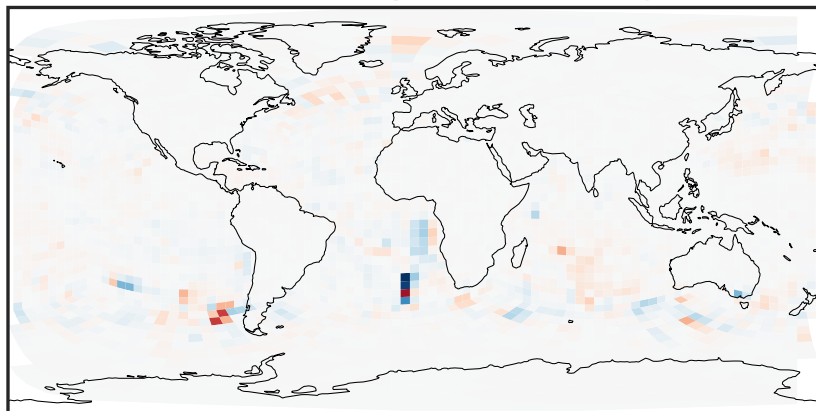
gchp-c24-1Mon-14.2.0 (Ref)
c24



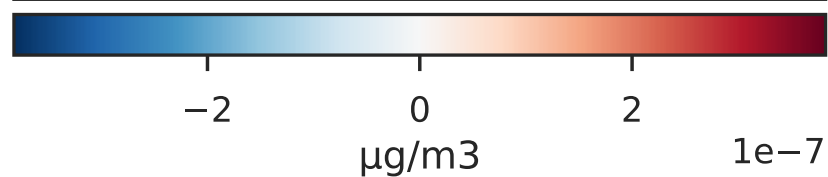
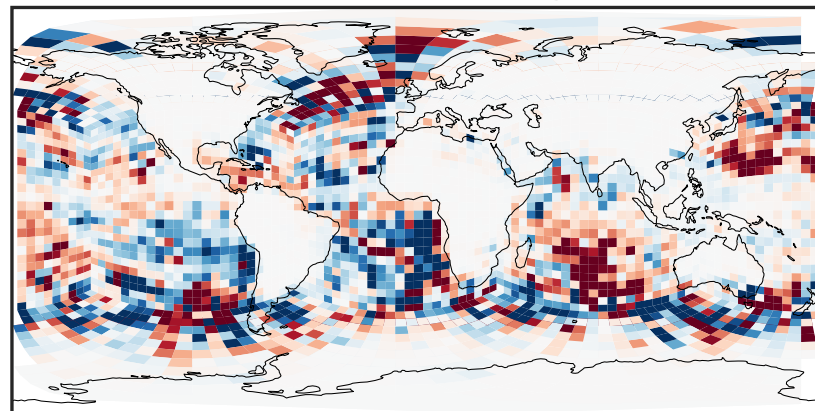
gchp-c24-1Mon-14.2.1 (Dev)
c24



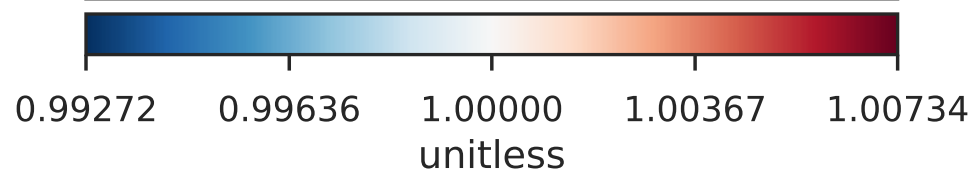
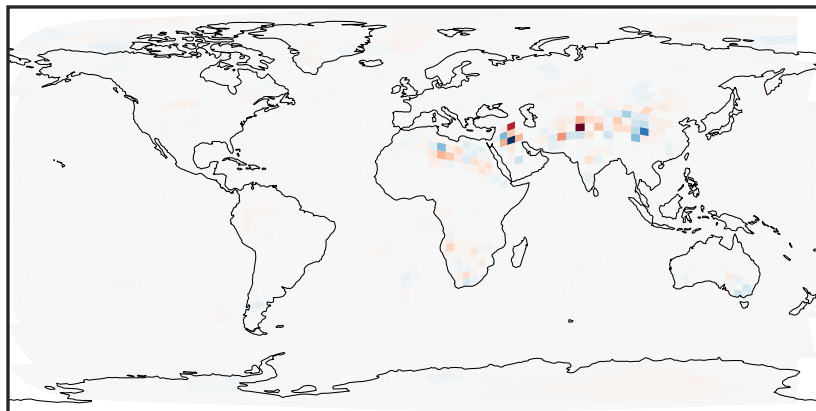
Difference
Dev - Ref, Dynamic Range



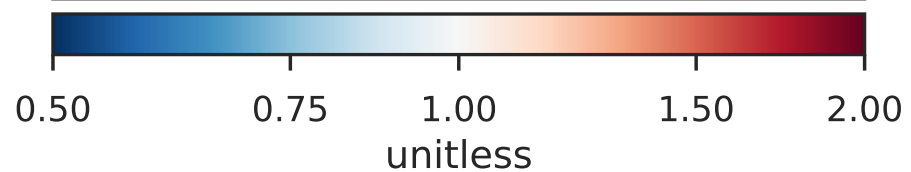
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

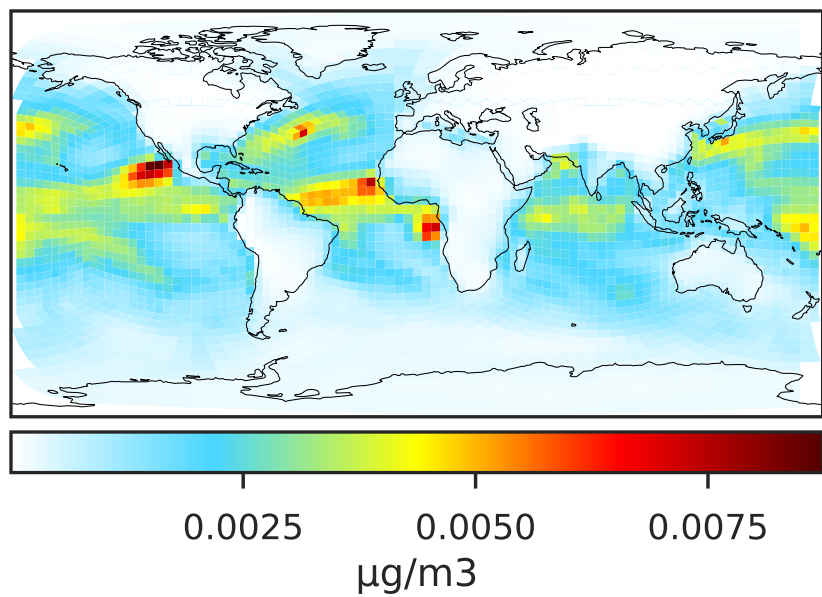


Ratio
Dev/Ref, Fixed Range

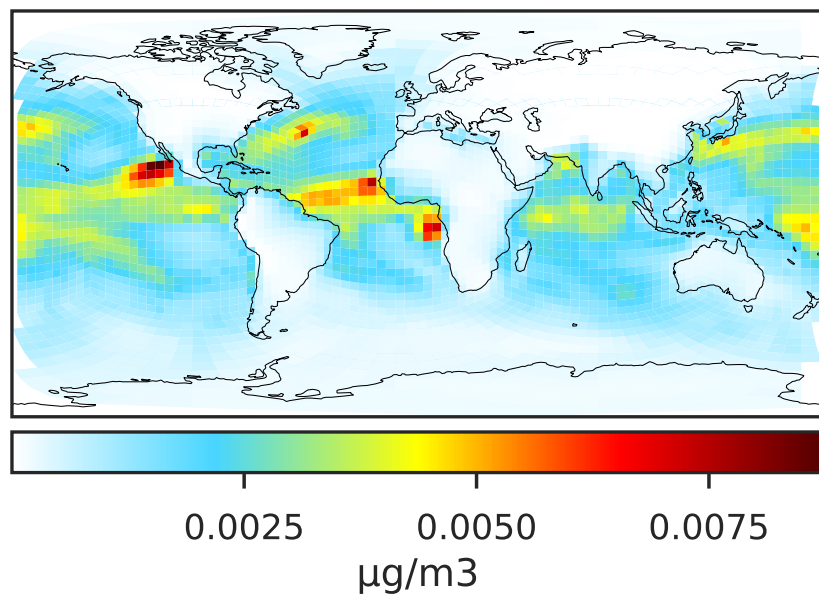


SpeciesConcVV_ISALA

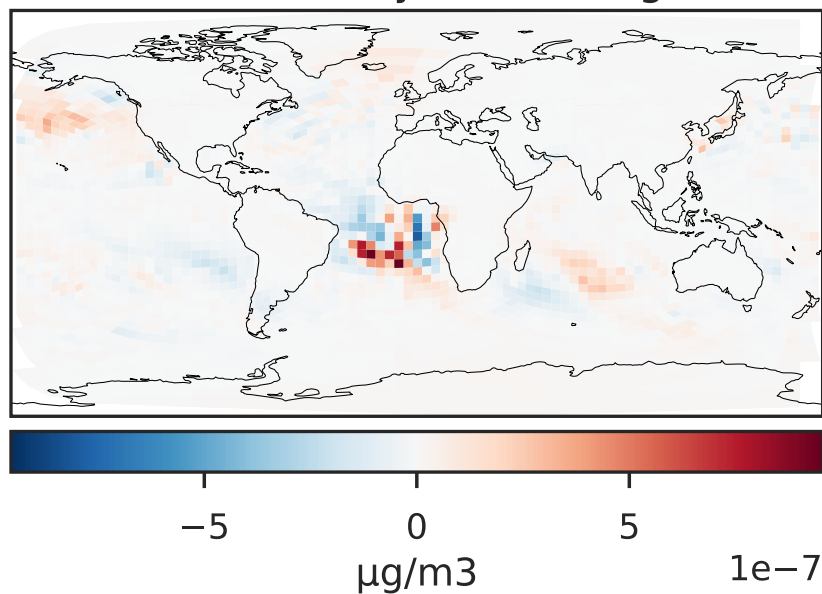
gchp-c24-1Mon-14.2.0 (Ref)
c24



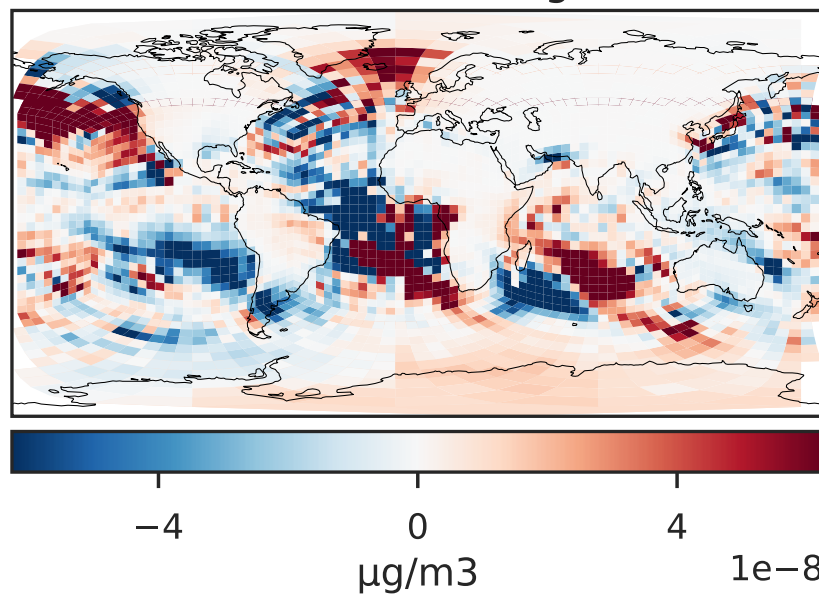
gchp-c24-1Mon-14.2.1 (Dev)
c24



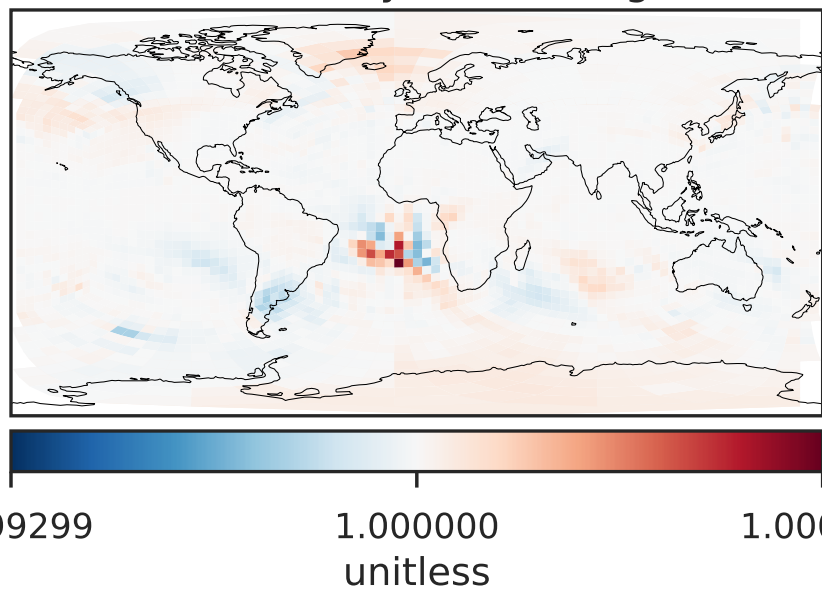
Difference
Dev - Ref, Dynamic Range



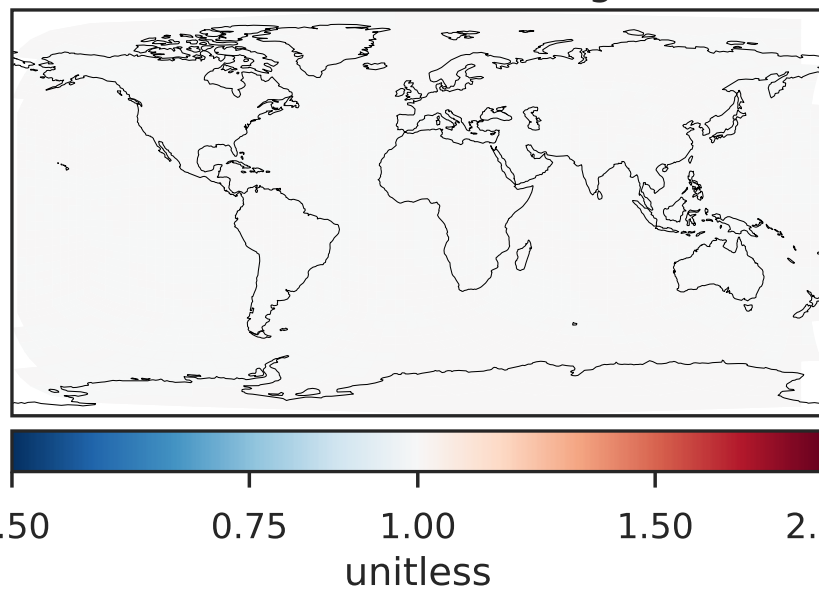
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

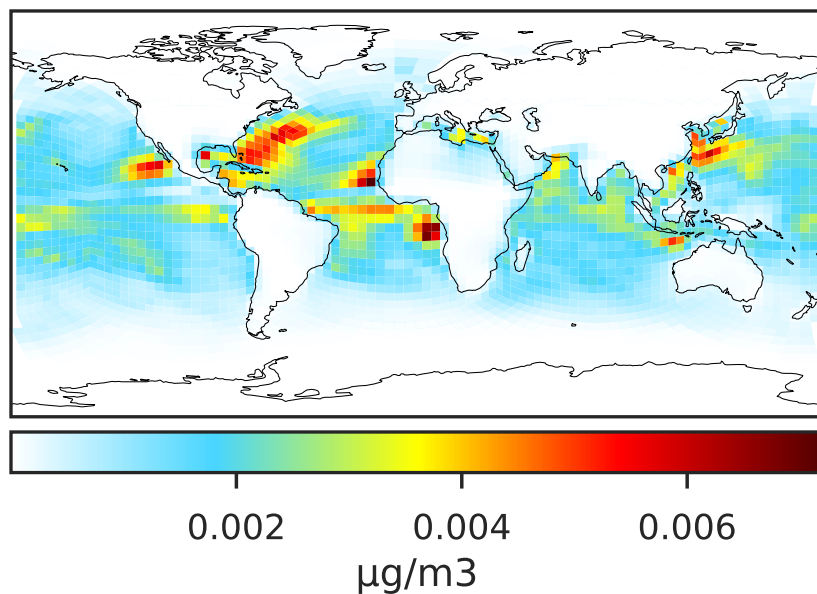


Ratio
Dev/Ref, Fixed Range

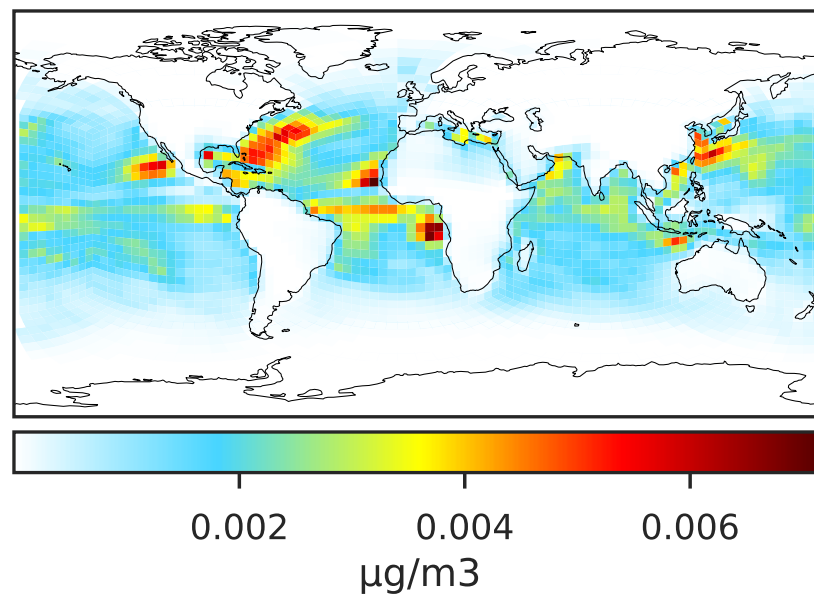


SpeciesConcVV_ISALC

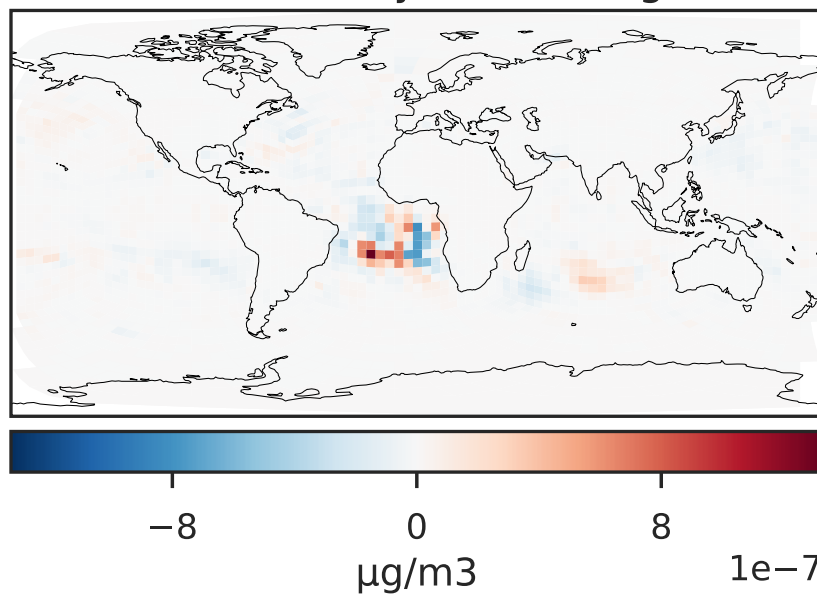
gchp-c24-1Mon-14.2.0 (Ref)
c24



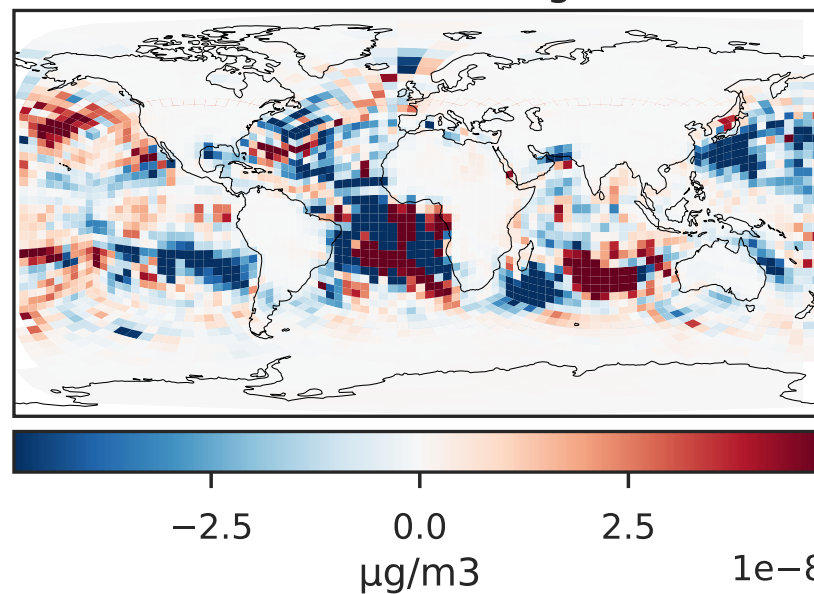
gchp-c24-1Mon-14.2.1 (Dev)
c24



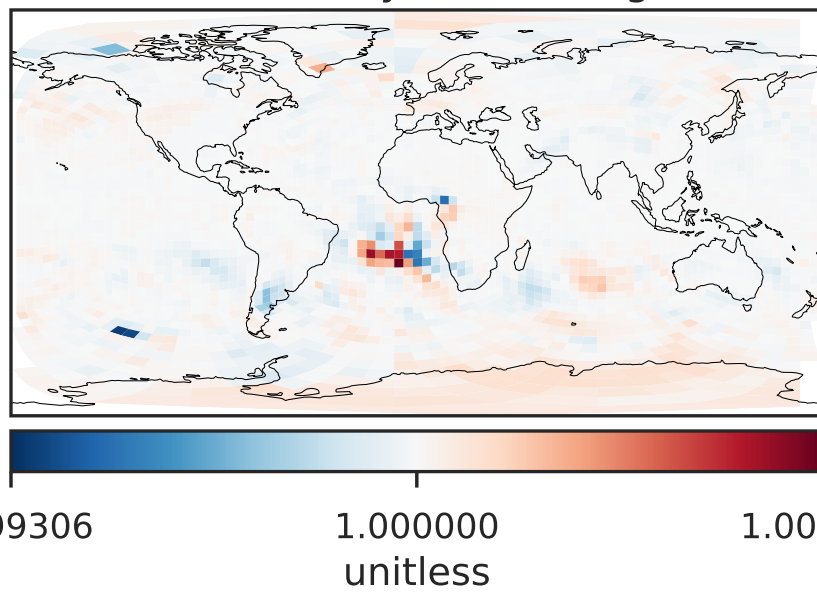
Difference
Dev - Ref, Dynamic Range



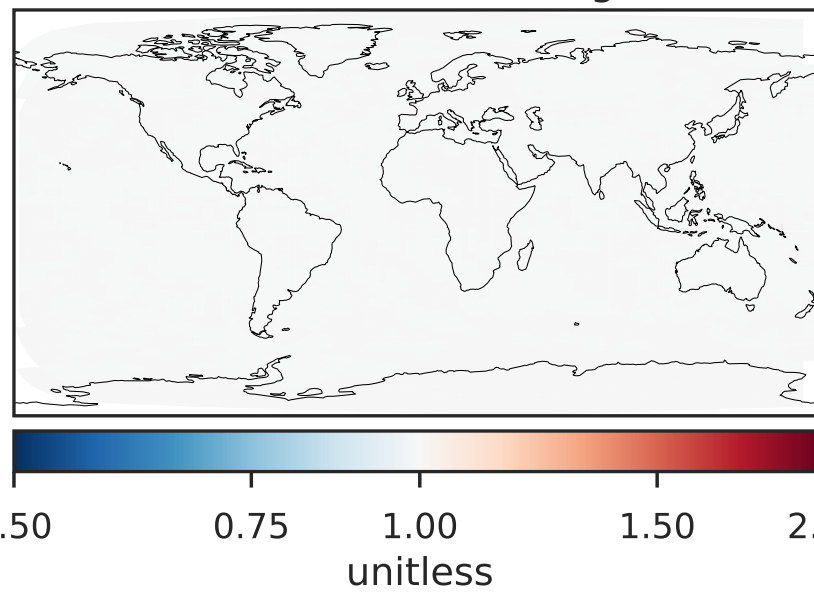
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

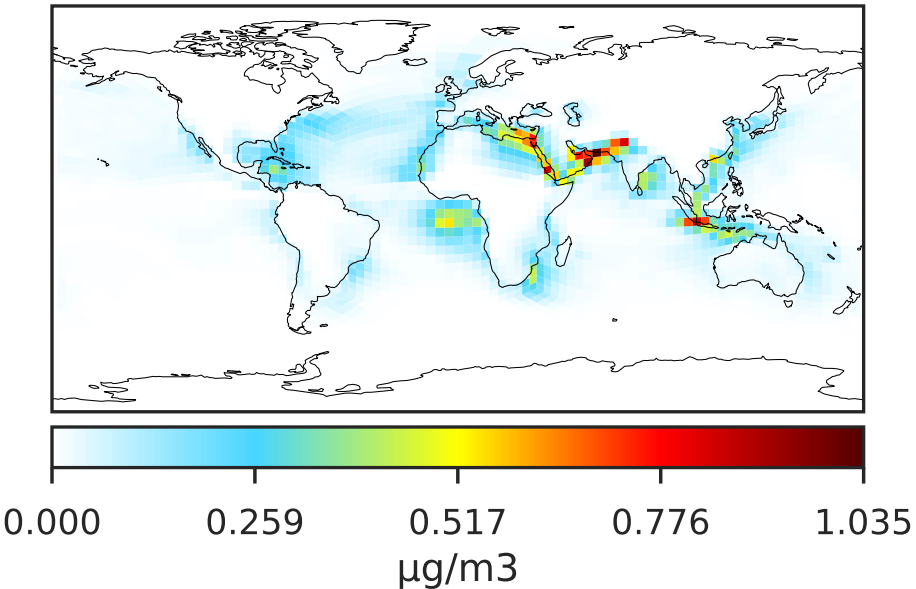


Ratio
Dev/Ref, Fixed Range

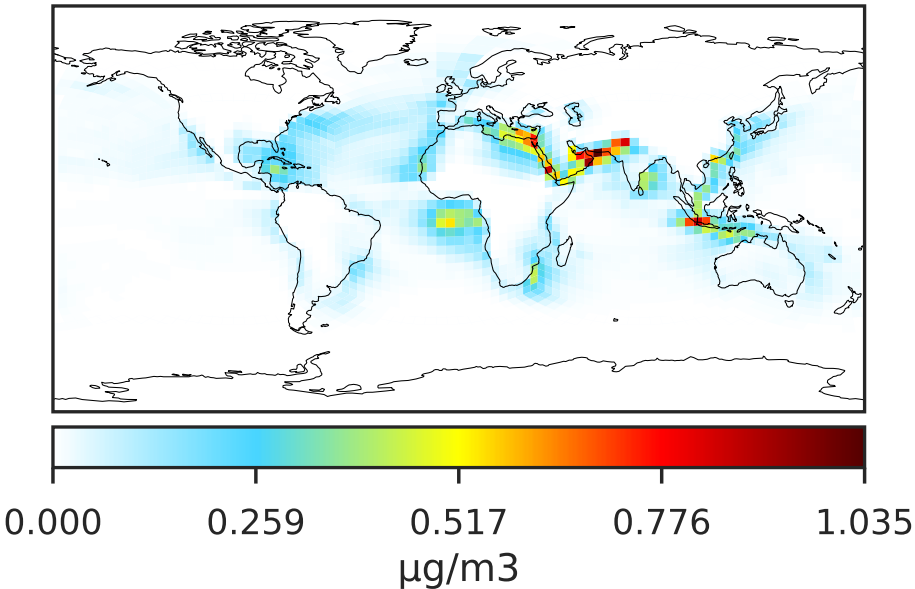


SpeciesConcVV_NITs

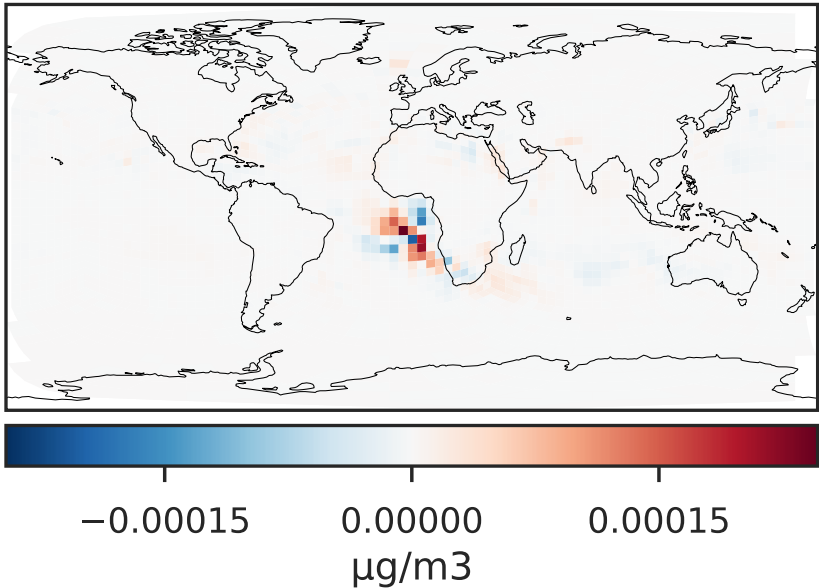
gchp-c24-1Mon-14.2.0 (Ref)
c24



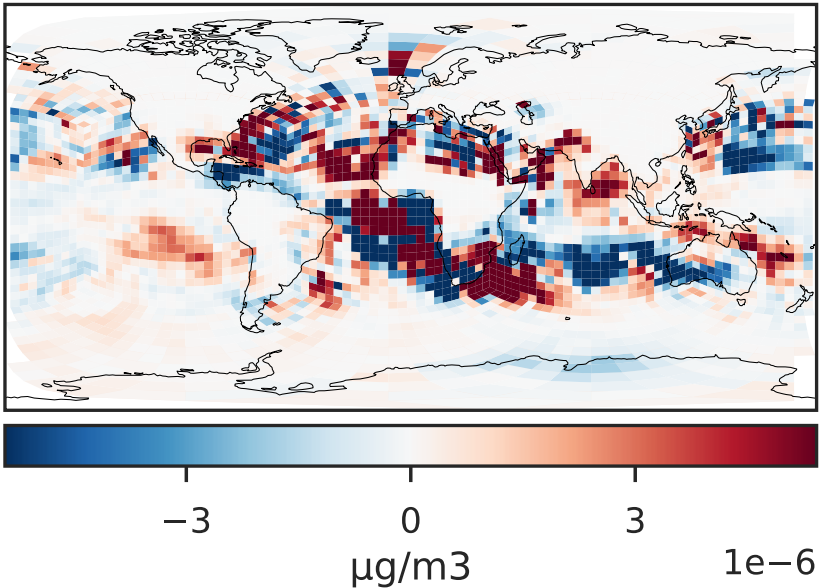
gchp-c24-1Mon-14.2.1 (Dev)
c24



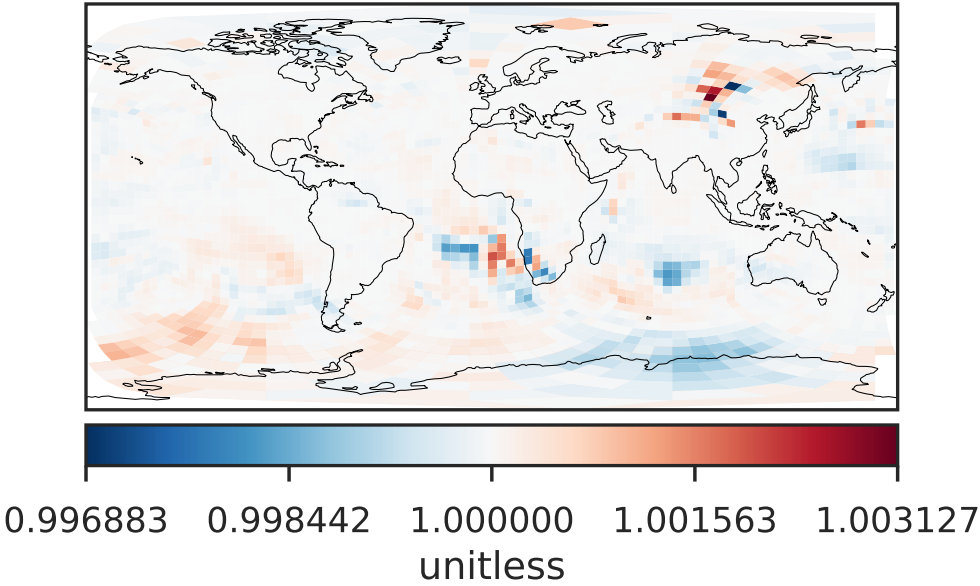
Difference
Dev - Ref, Dynamic Range



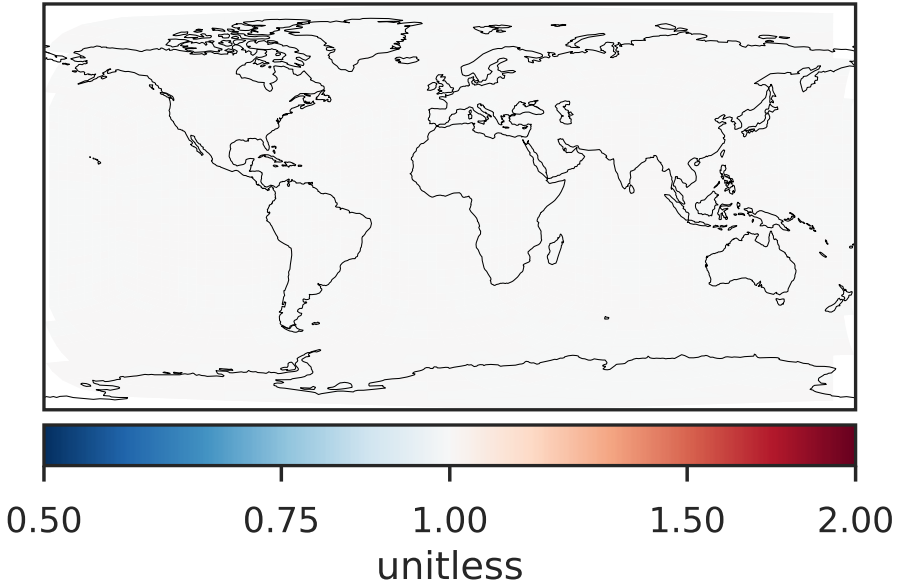
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

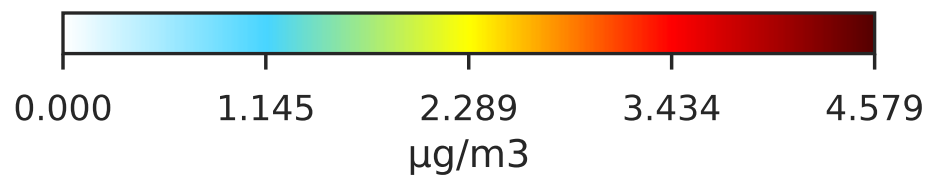
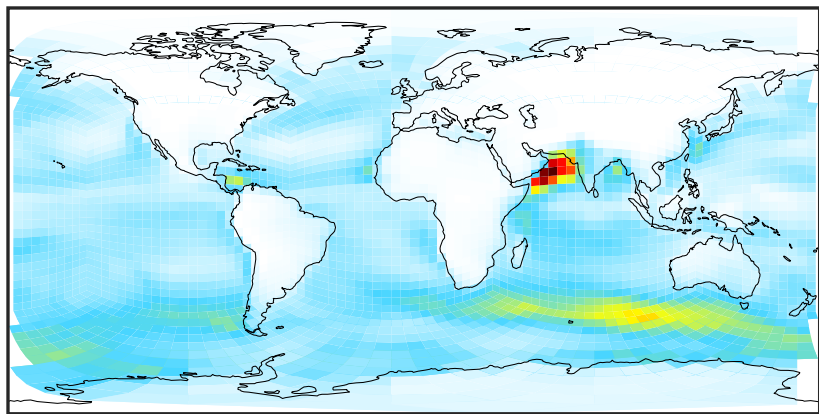


Ratio
Dev/Ref, Fixed Range

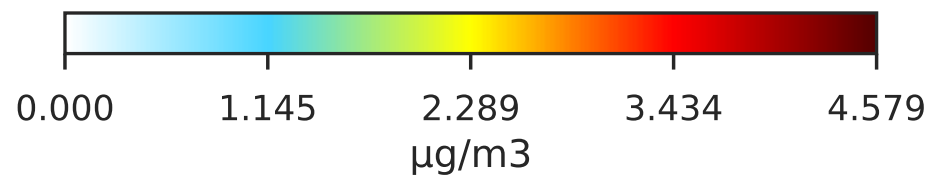
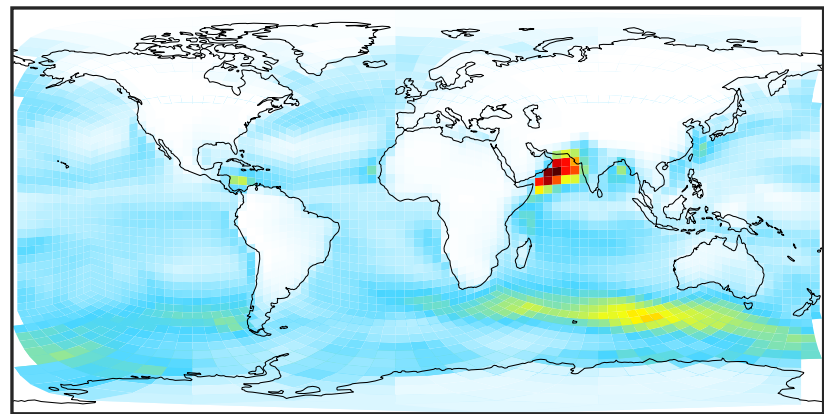


SpeciesConcVV_SALA

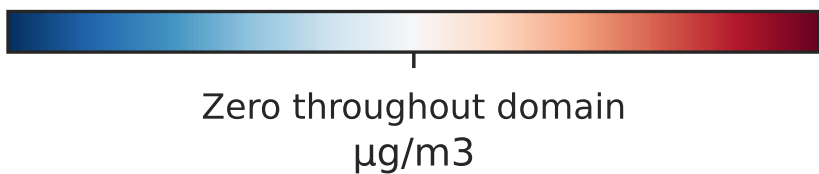
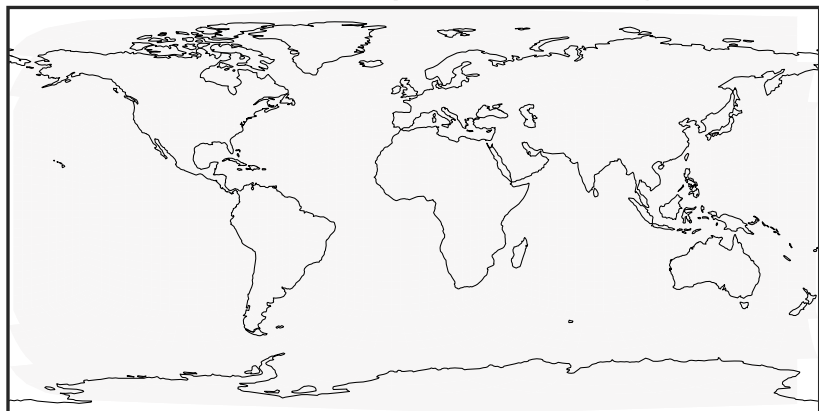
gchp-c24-1Mon-14.2.0 (Ref)
c24



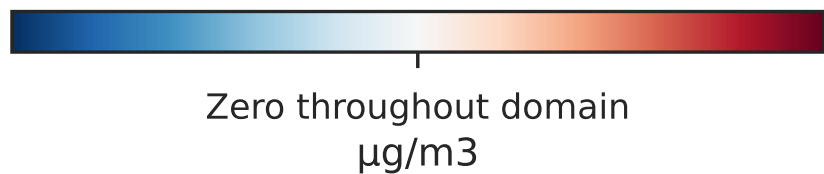
gchp-c24-1Mon-14.2.1 (Dev)
c24



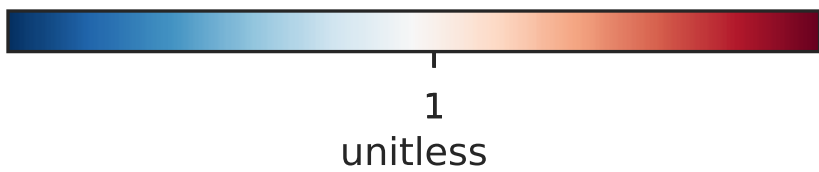
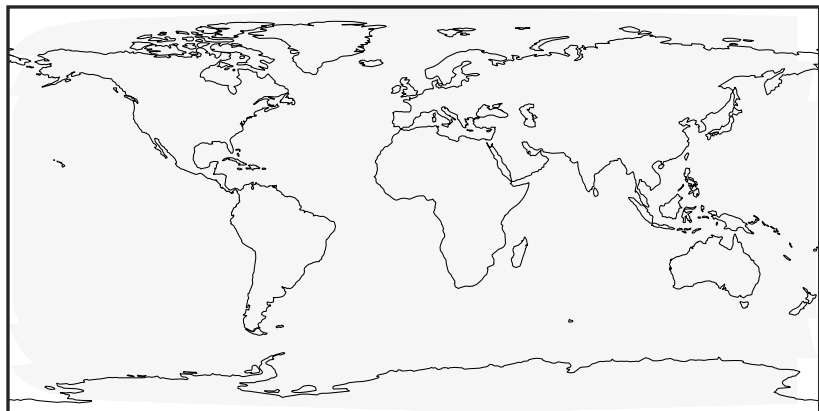
Difference
Dev - Ref, Dynamic Range



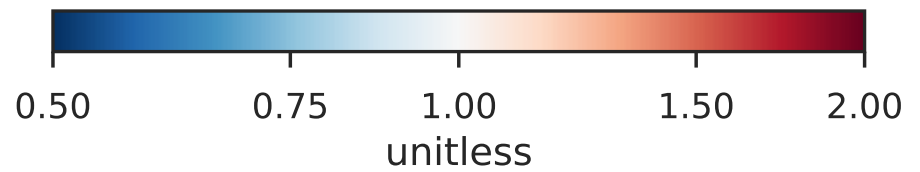
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

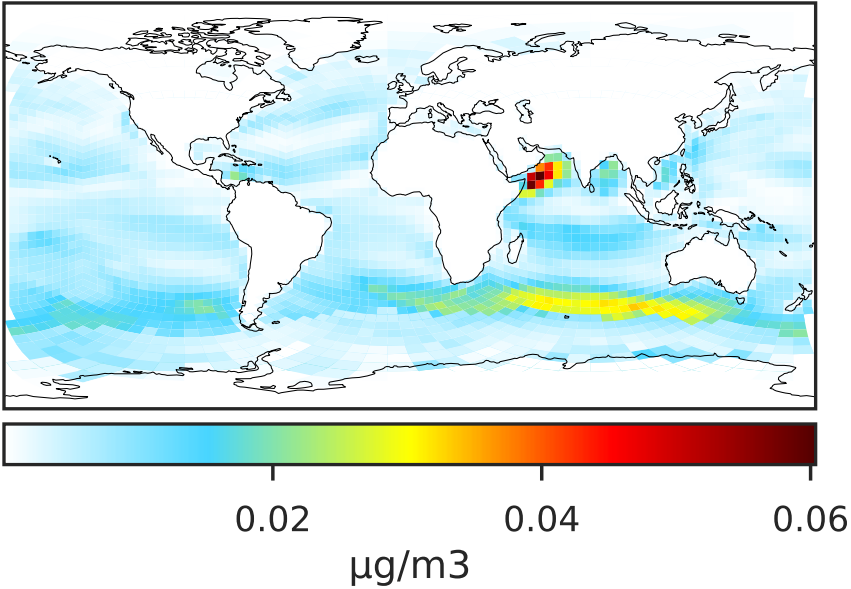


Ratio
Dev/Ref, Fixed Range

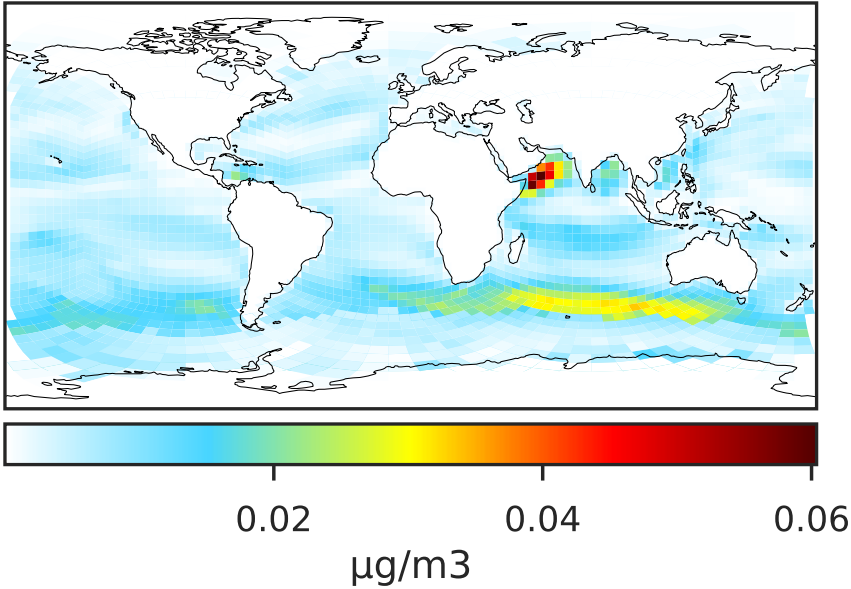


SpeciesConcVV_SALAAL

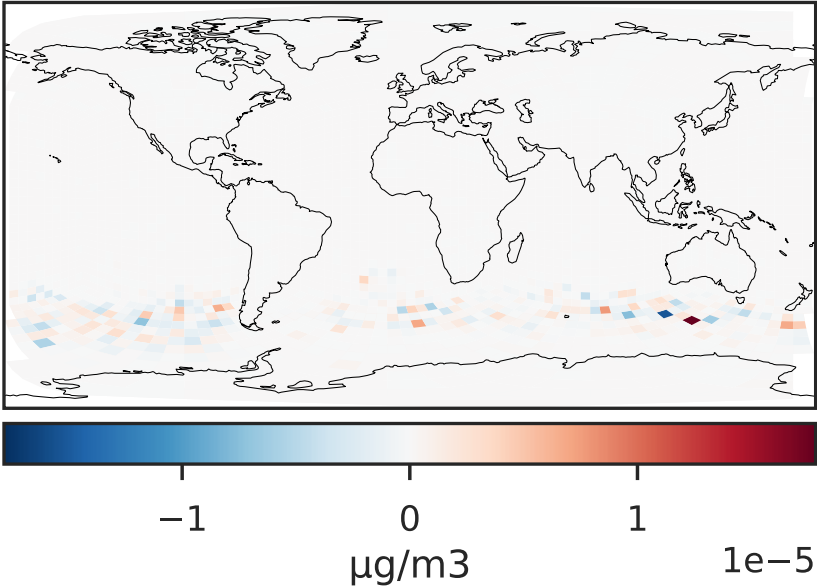
gchp-c24-1Mon-14.2.0 (Ref)
c24



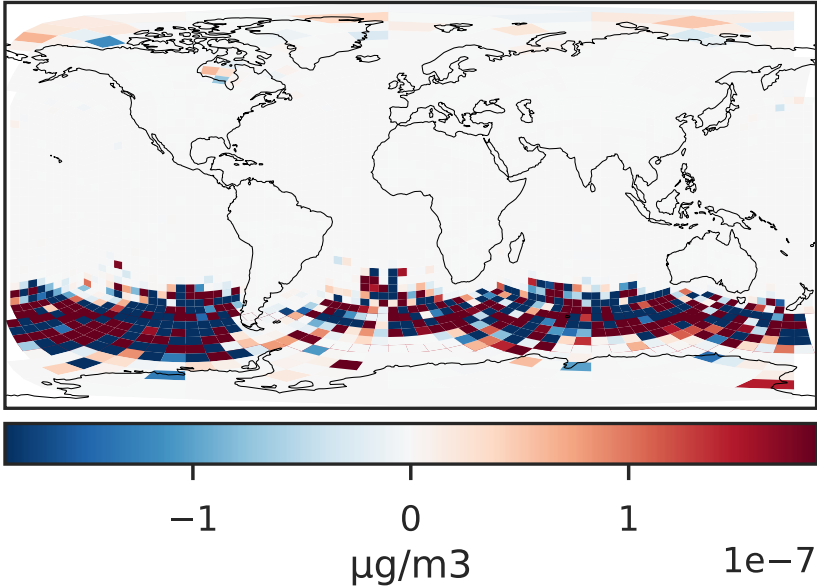
gchp-c24-1Mon-14.2.1 (Dev)
c24



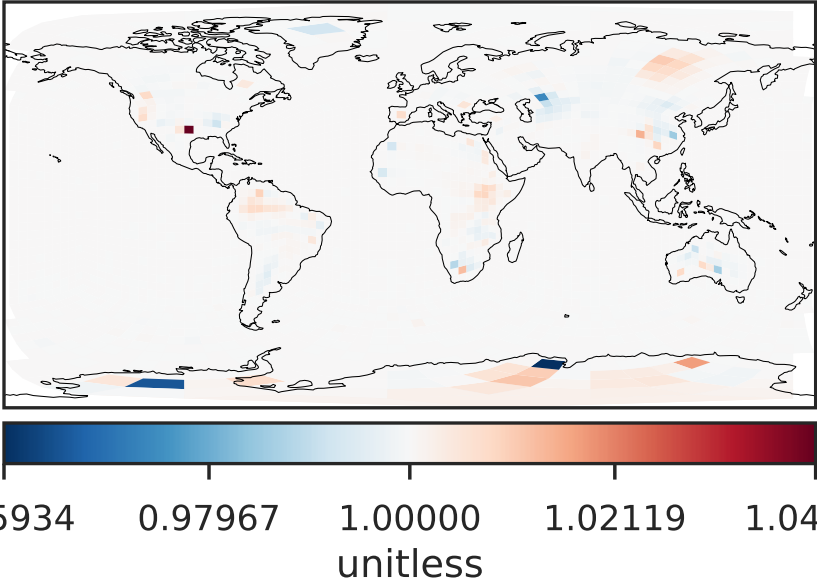
Difference
Dev - Ref, Dynamic Range



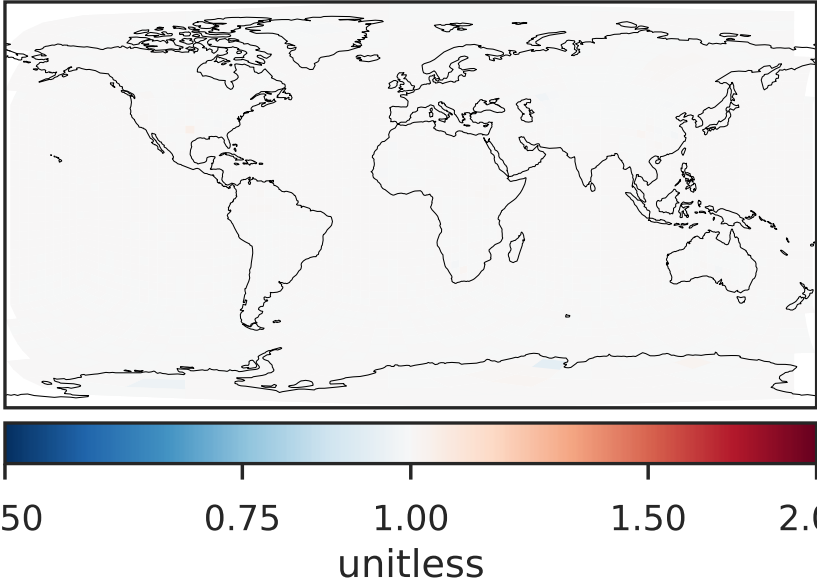
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

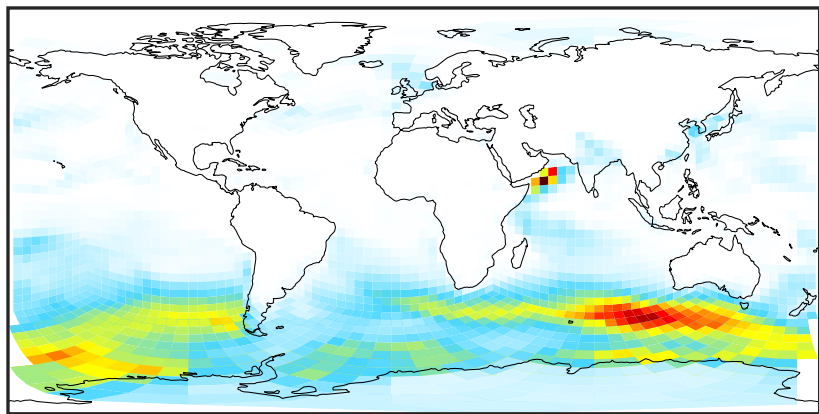


Ratio
Dev/Ref, Fixed Range



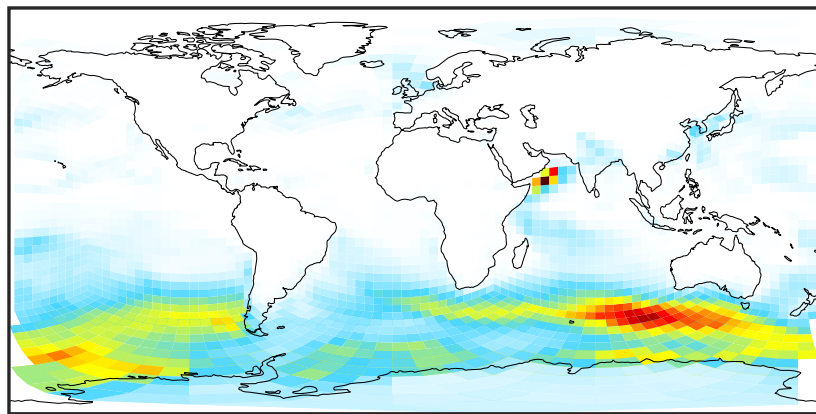
SpeciesConcVV_SALACL

gchp-c24-1Mon-14.2.0 (Ref)
c24



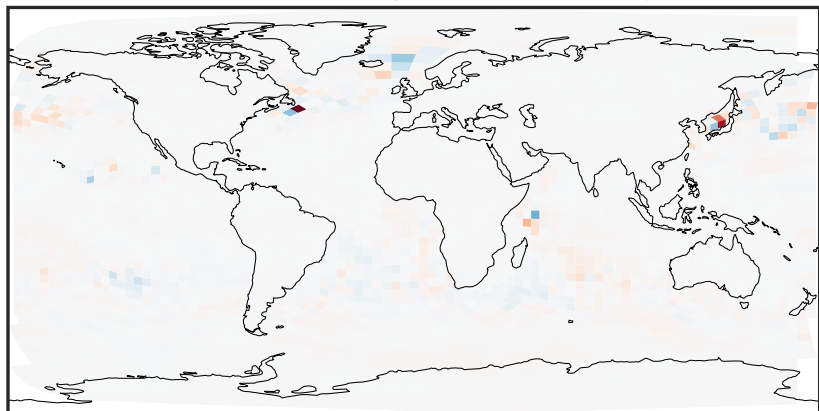
0.000 0.331 0.661 0.992 1.323
µg/m³

gchp-c24-1Mon-14.2.1 (Dev)
c24



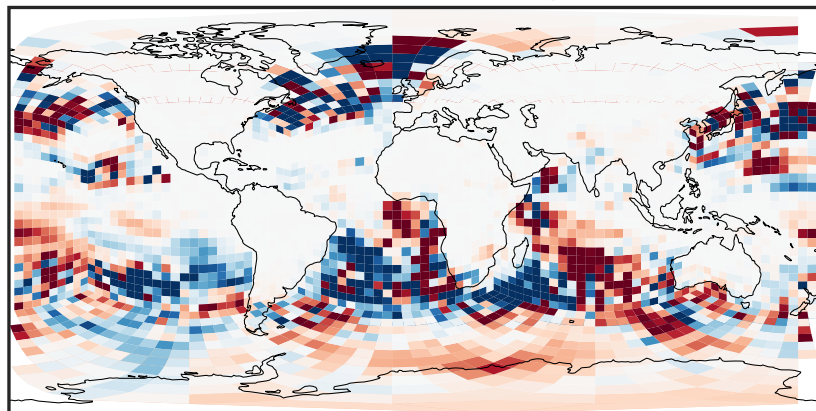
0.000 0.331 0.661 0.992 1.323
µg/m³

Difference
Dev - Ref, Dynamic Range



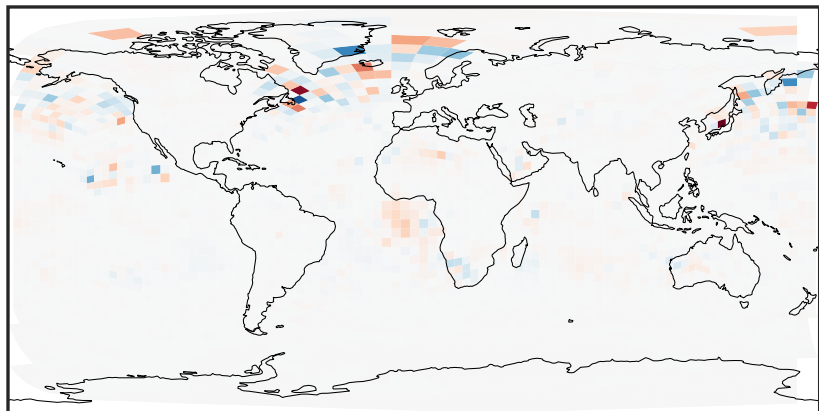
-0.00015 0.00000 0.00015
µg/m³

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



-5 0 5
µg/m³ 1e-6

Ratio
Dev/Ref, Dynamic Range



0.99326 0.99663 1.00000 1.00339 1.00678
unitless

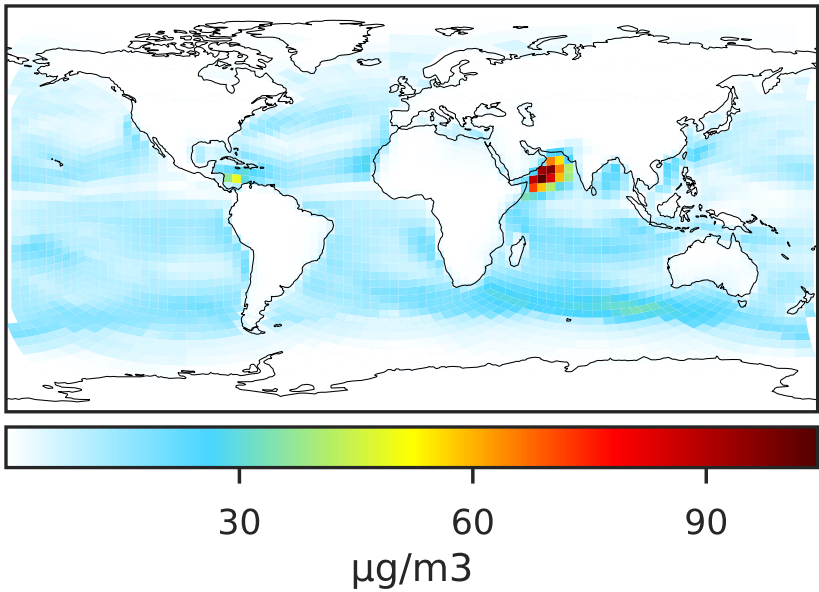
Ratio
Dev/Ref, Fixed Range



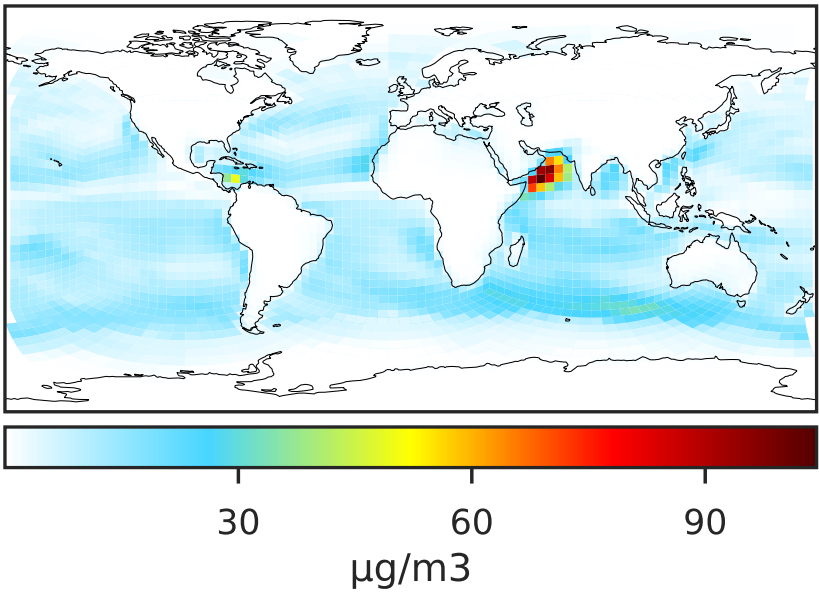
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SALC

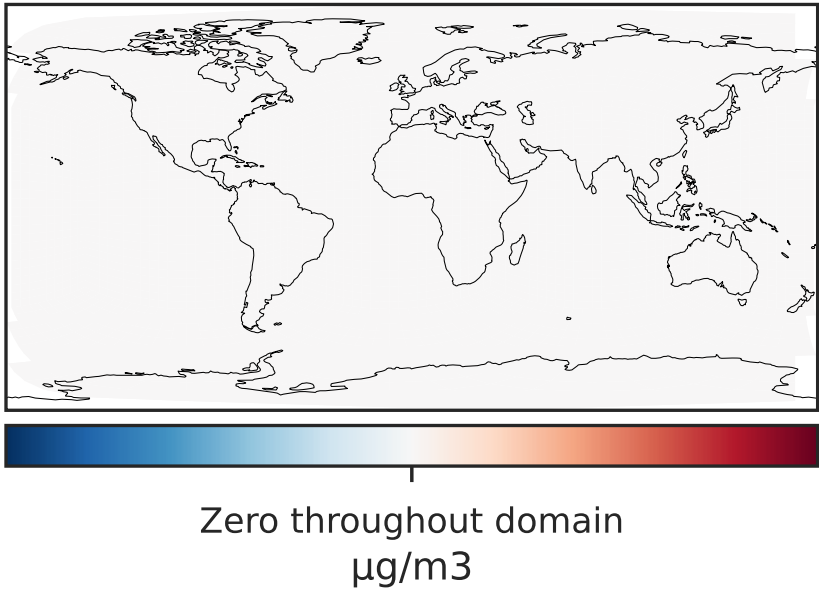
gchp-c24-1Mon-14.2.0 (Ref)
c24



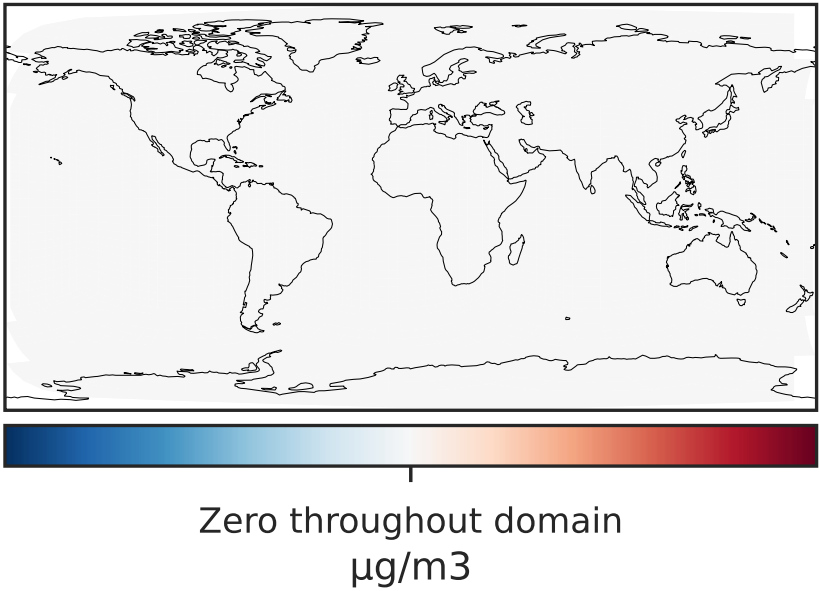
gchp-c24-1Mon-14.2.1 (Dev)
c24



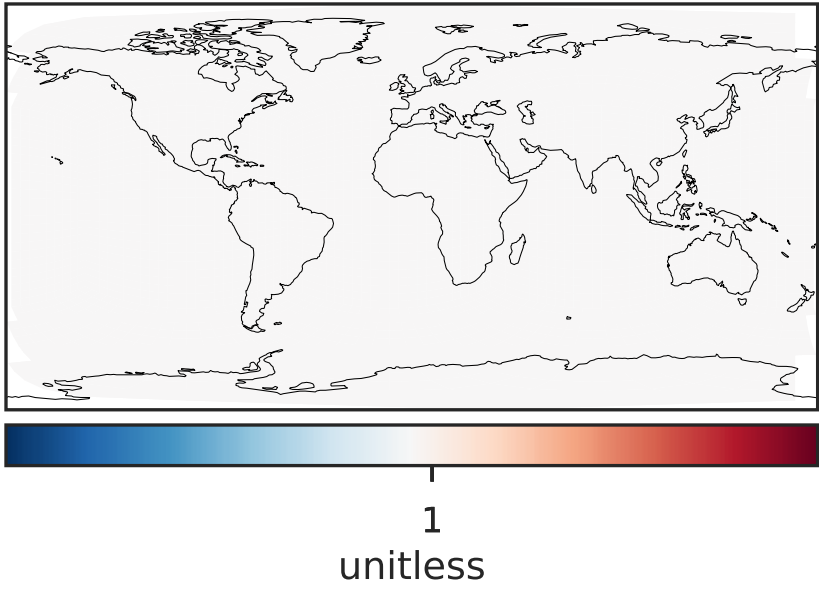
Difference
Dev - Ref, Dynamic Range



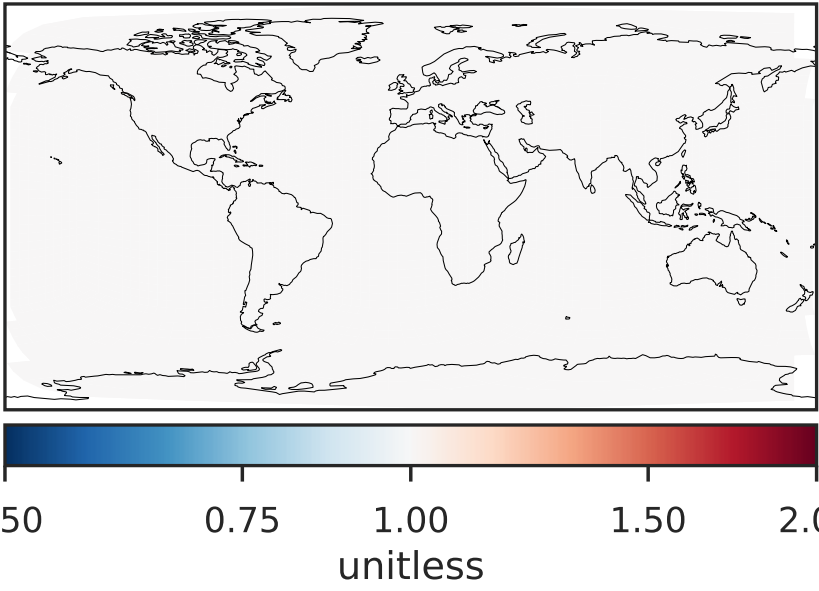
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

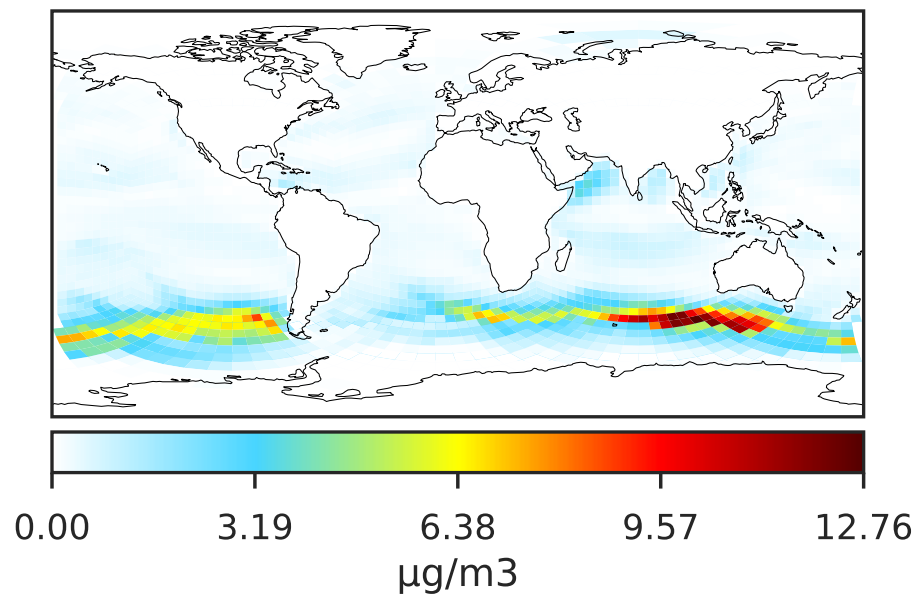


Ratio
Dev/Ref, Fixed Range

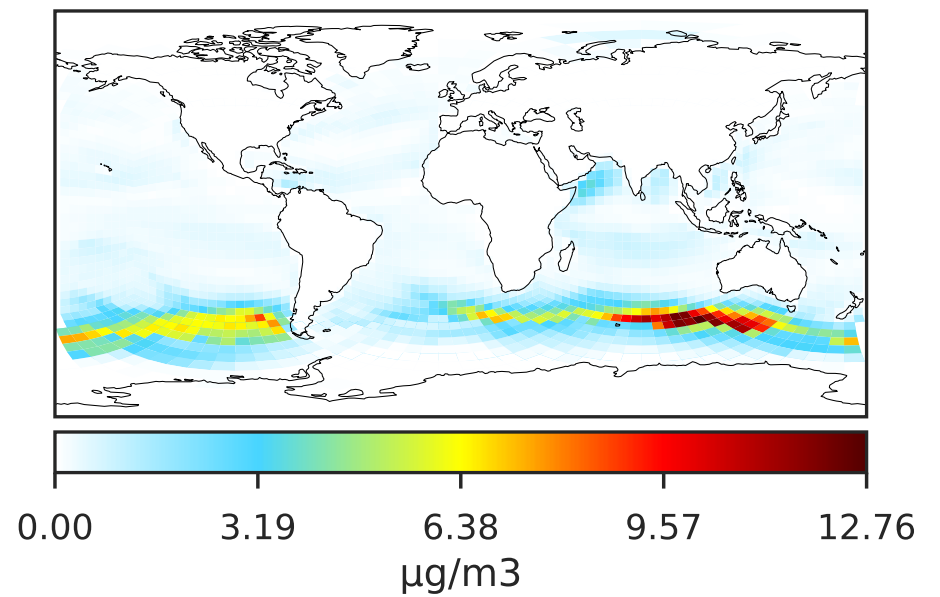


SpeciesConcVV_SALCAL

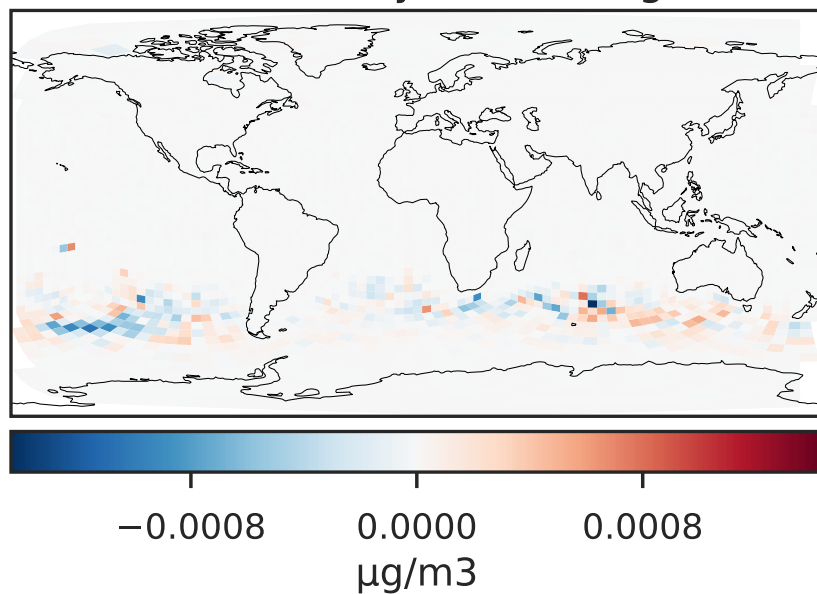
gchp-c24-1Mon-14.2.0 (Ref)
c24



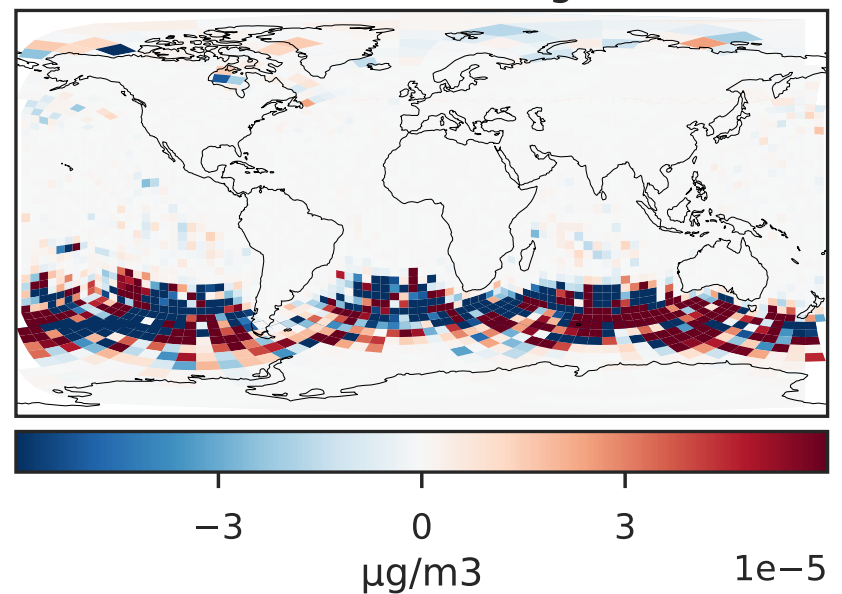
gchp-c24-1Mon-14.2.1 (Dev)
c24



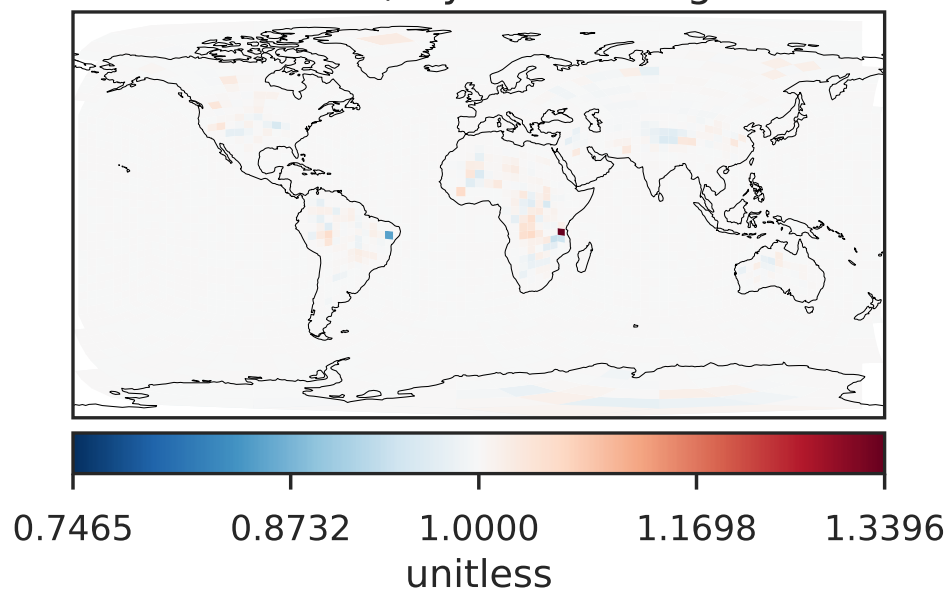
Difference
Dev - Ref, Dynamic Range



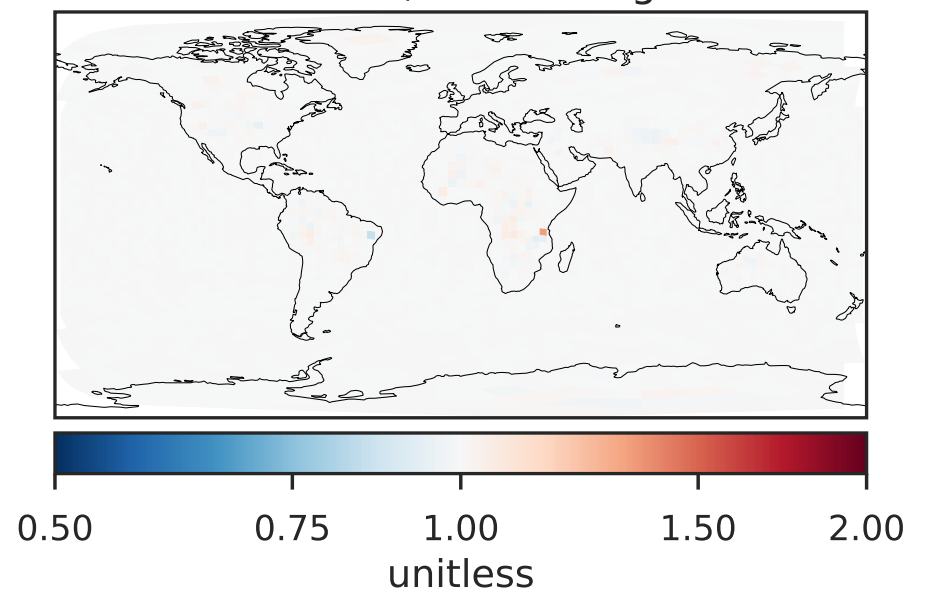
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

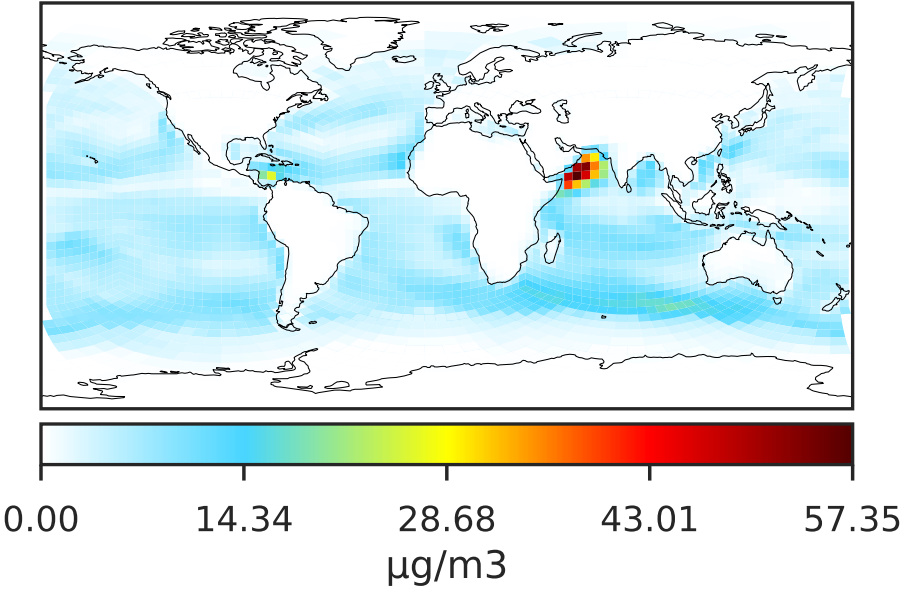


Ratio
Dev/Ref, Fixed Range

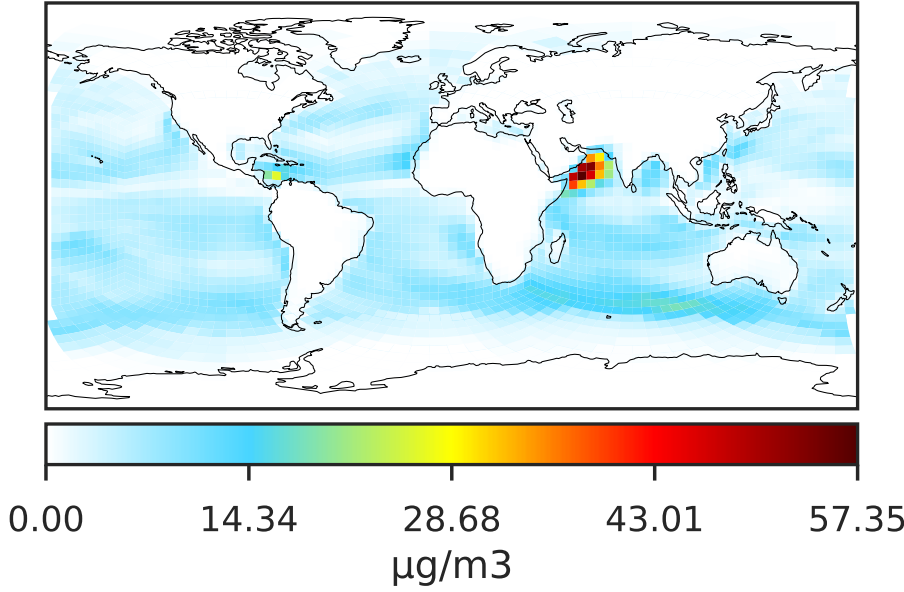


SpeciesConcVV_SALCCL

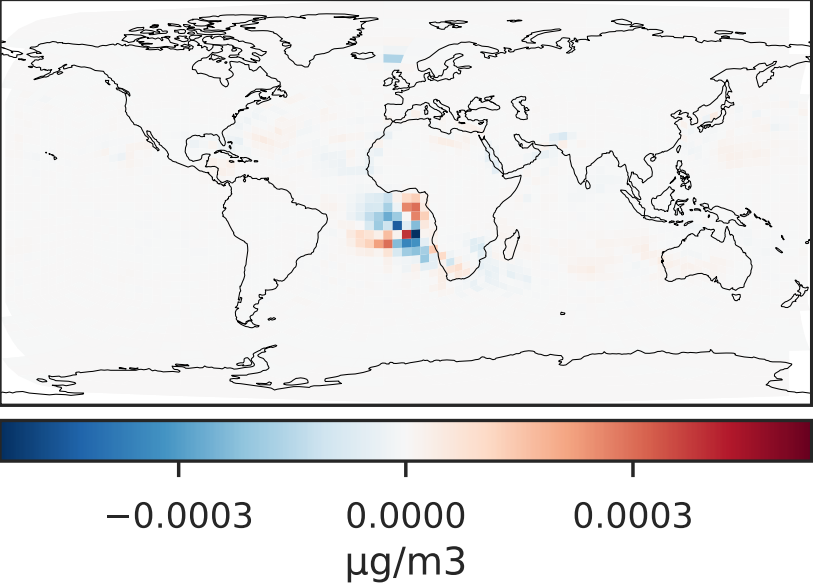
gchp-c24-1Mon-14.2.0 (Ref)
c24



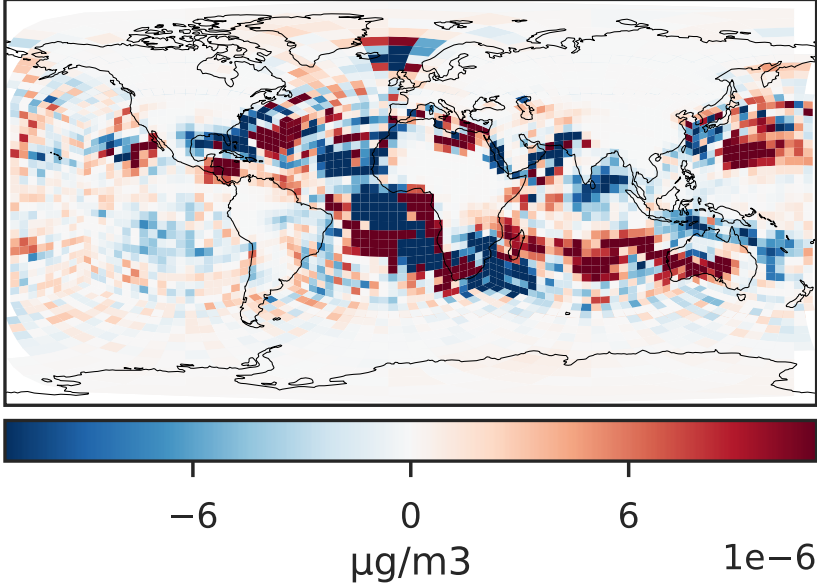
gchp-c24-1Mon-14.2.1 (Dev)
c24



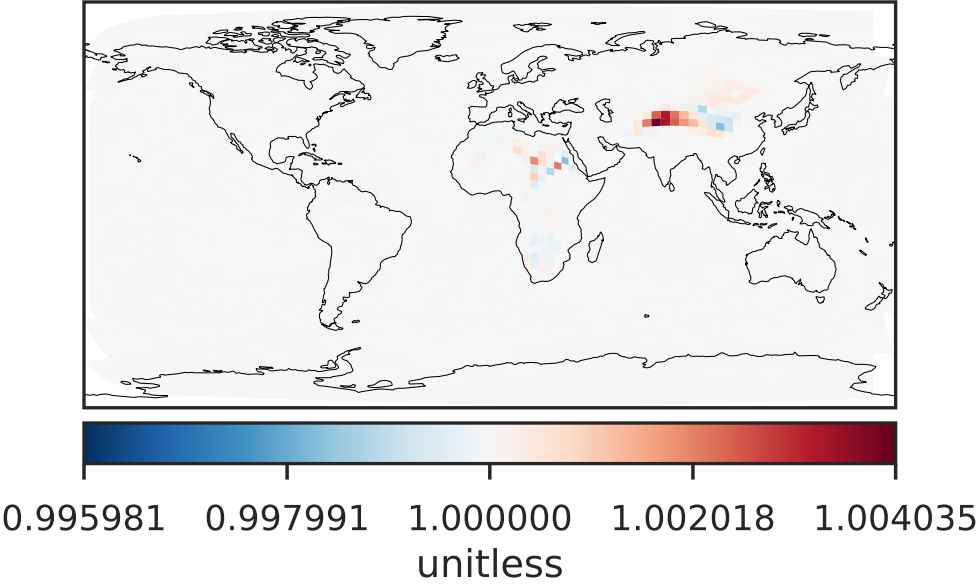
Difference
Dev - Ref, Dynamic Range



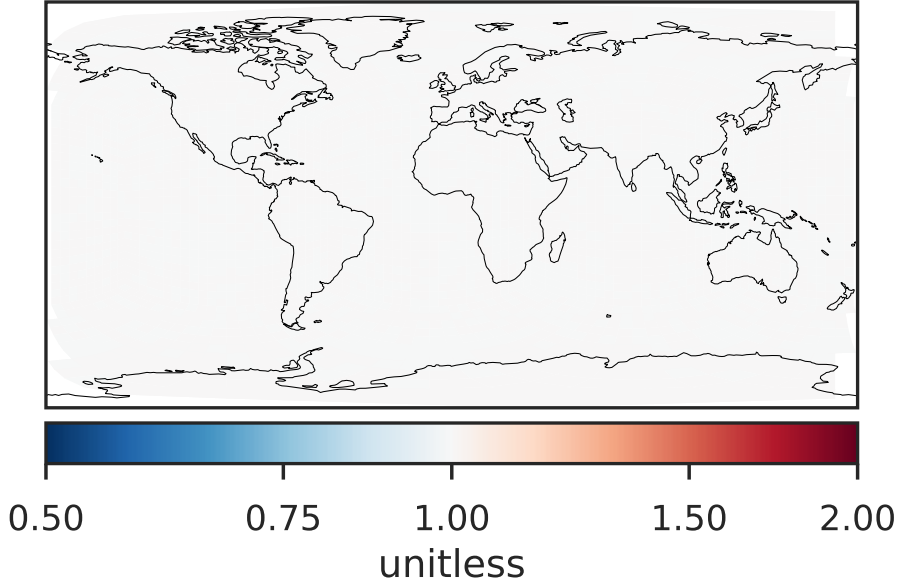
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

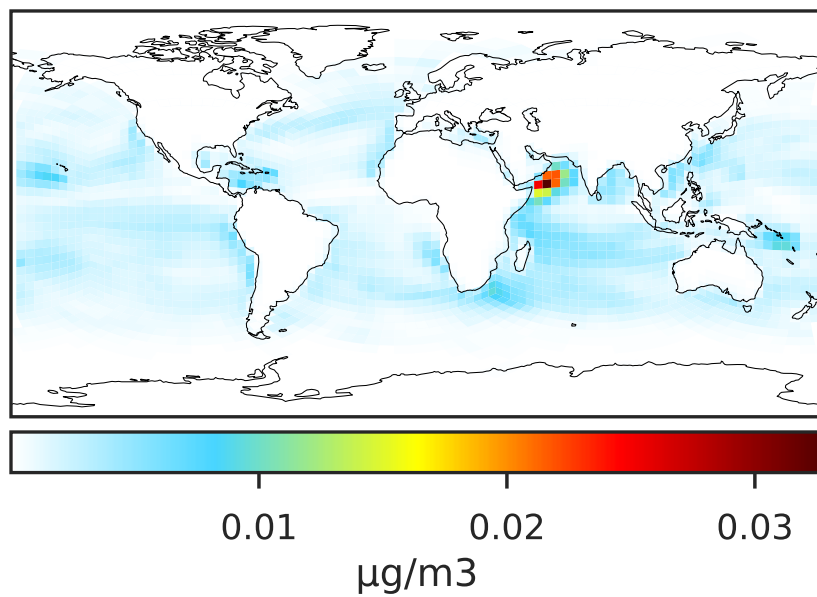


Ratio
Dev/Ref, Fixed Range

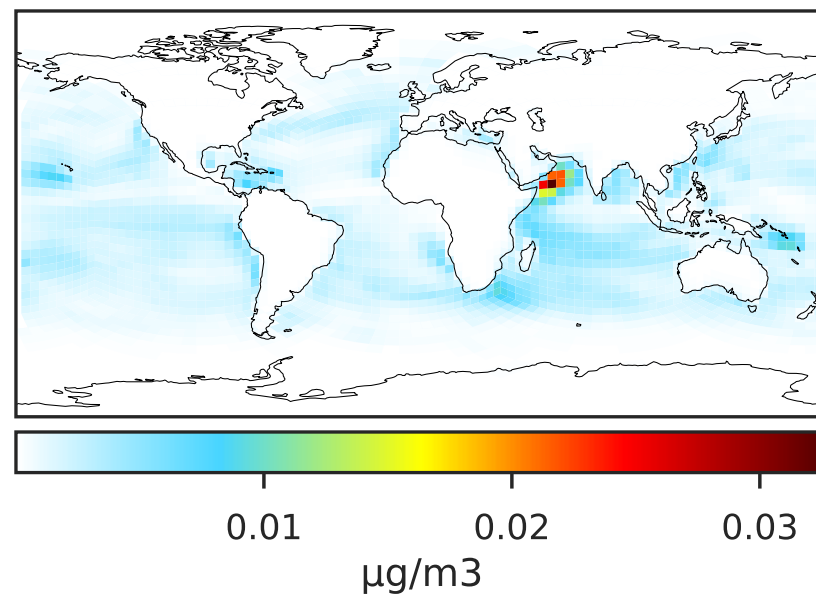


SpeciesConcVV_S04s

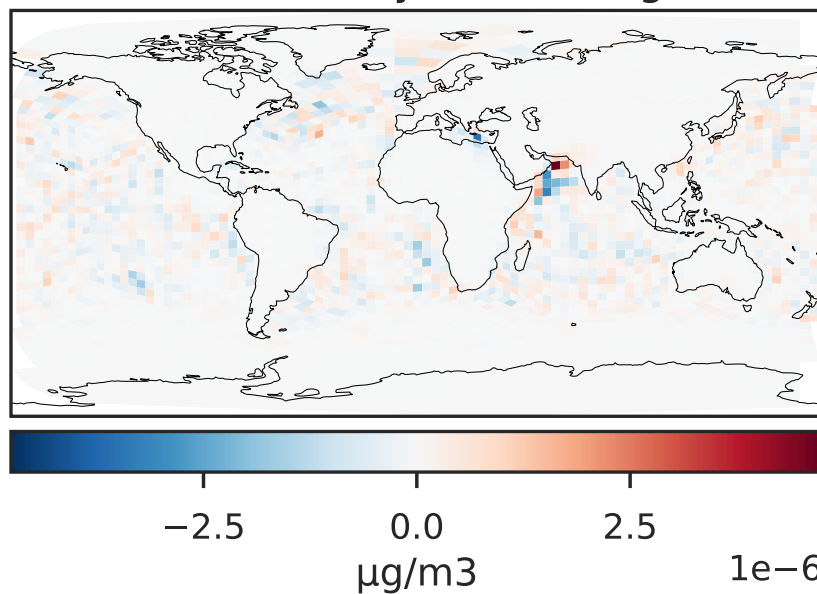
gchp-c24-1Mon-14.2.0 (Ref)
c24



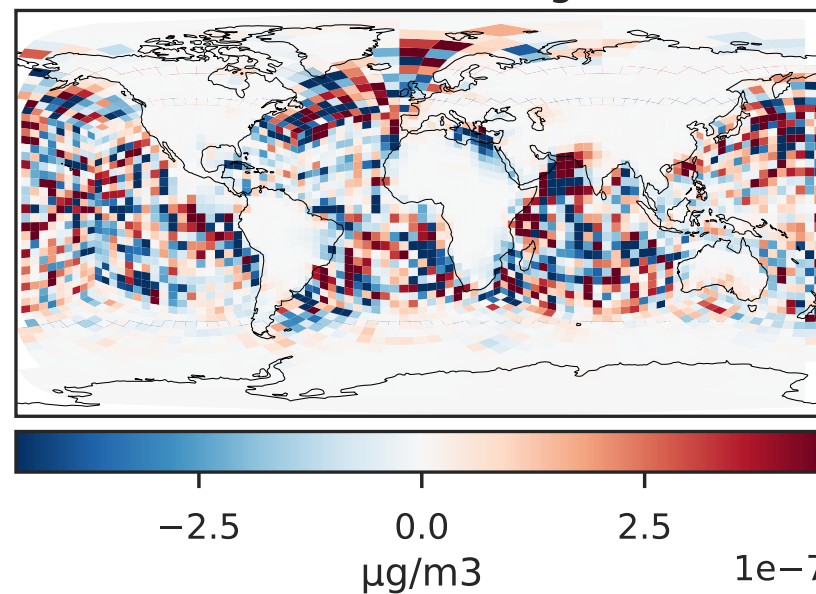
gchp-c24-1Mon-14.2.1 (Dev)
c24



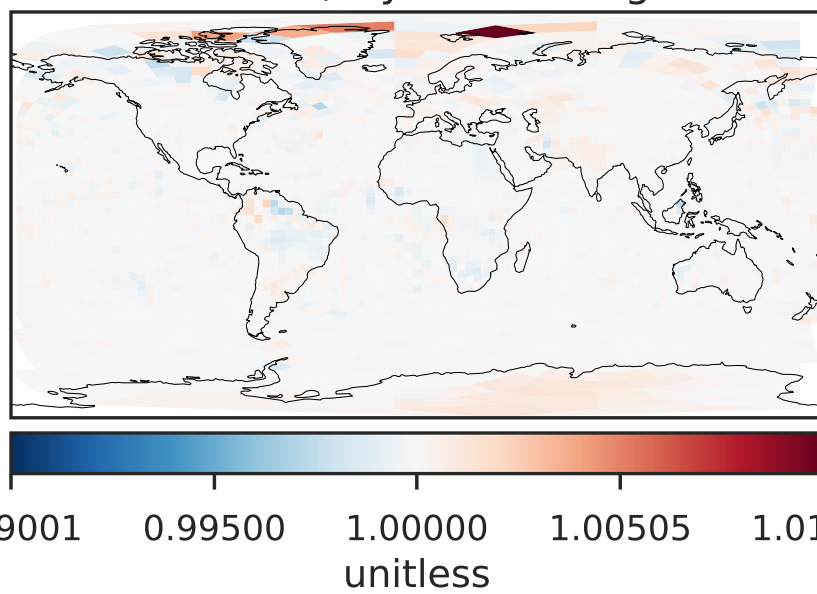
Difference
Dev - Ref, Dynamic Range



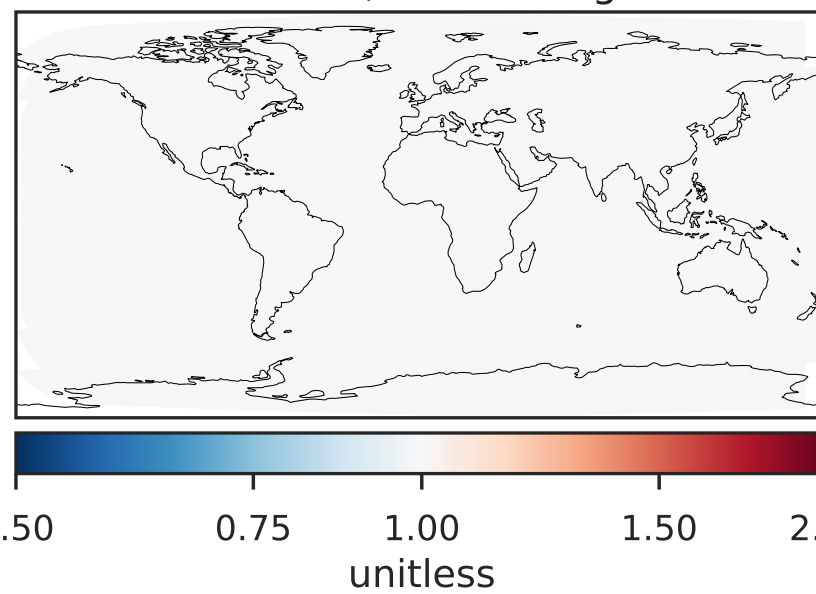
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

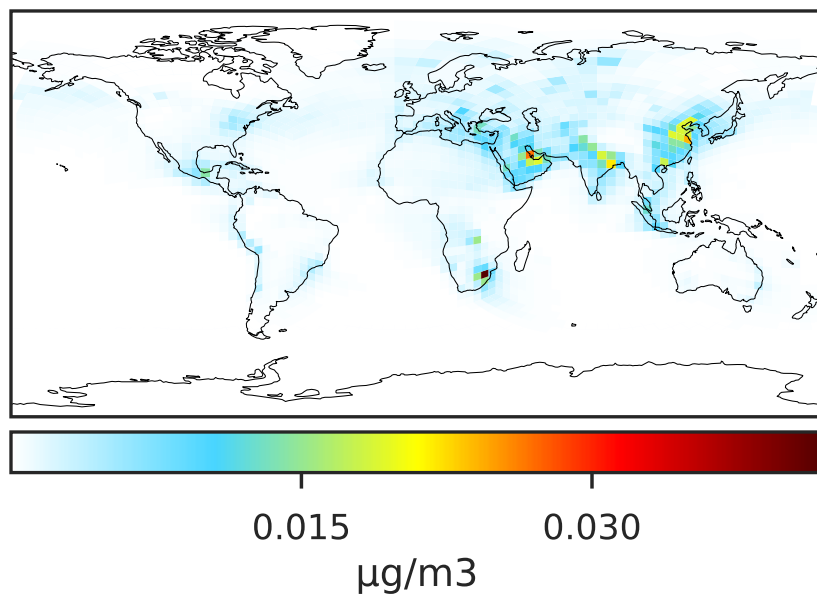


Ratio
Dev/Ref, Fixed Range

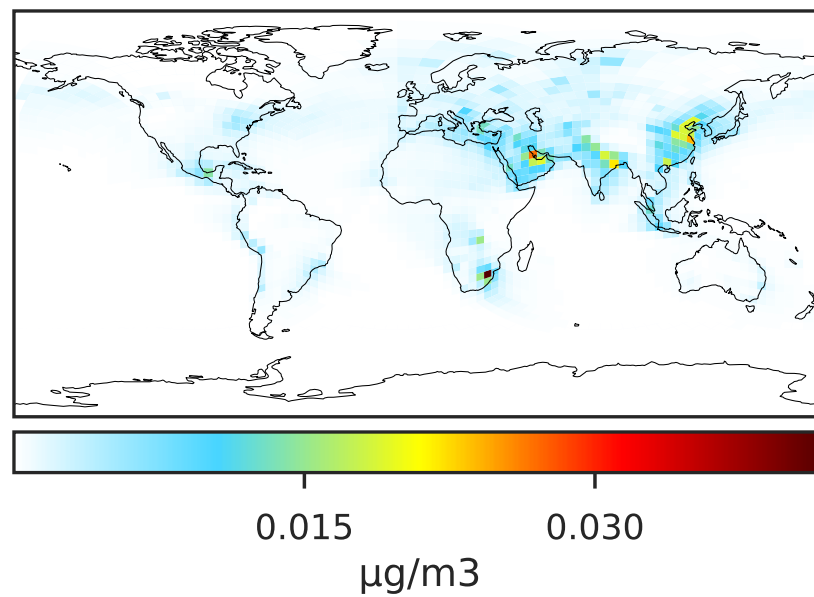


SpeciesConcVV_pFe

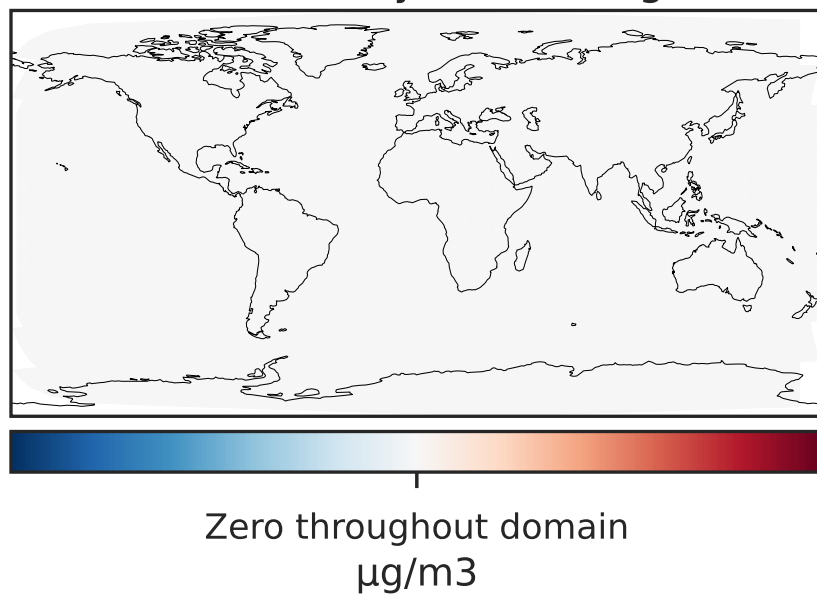
gchp-c24-1Mon-14.2.0 (Ref)
c24



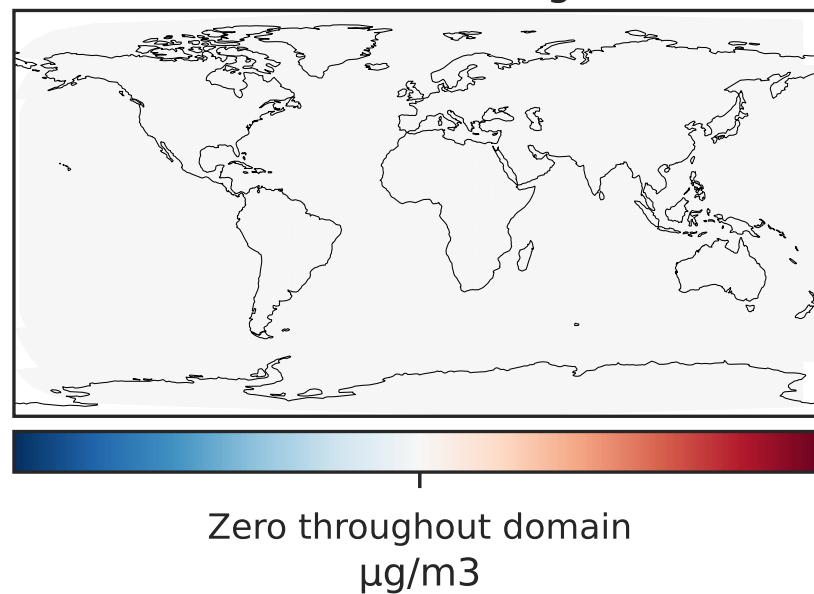
gchp-c24-1Mon-14.2.1 (Dev)
c24



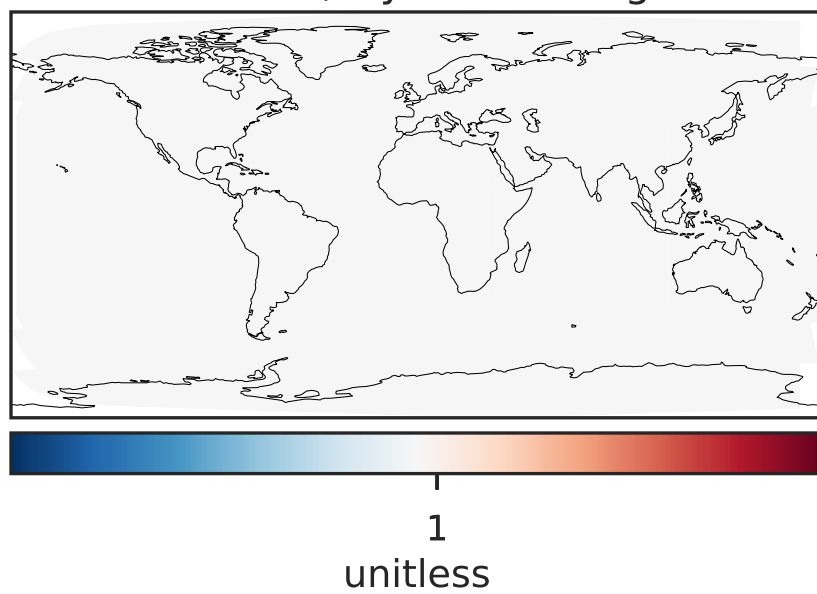
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

