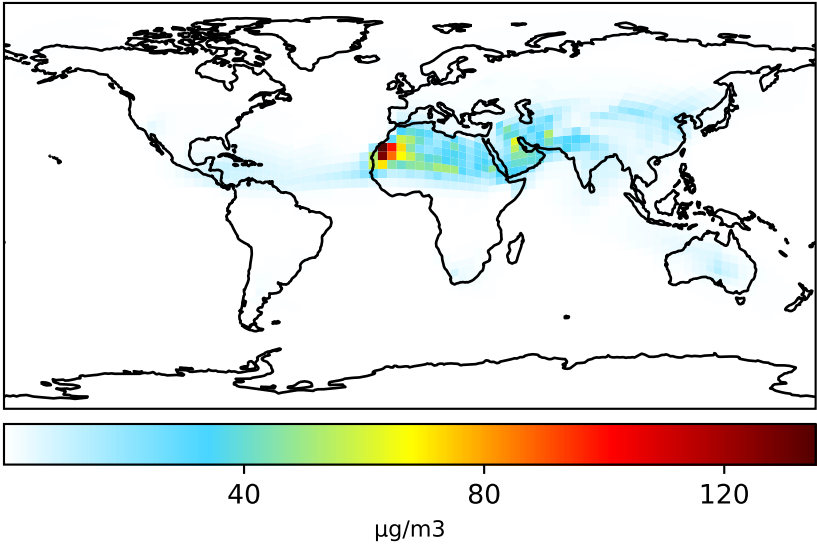
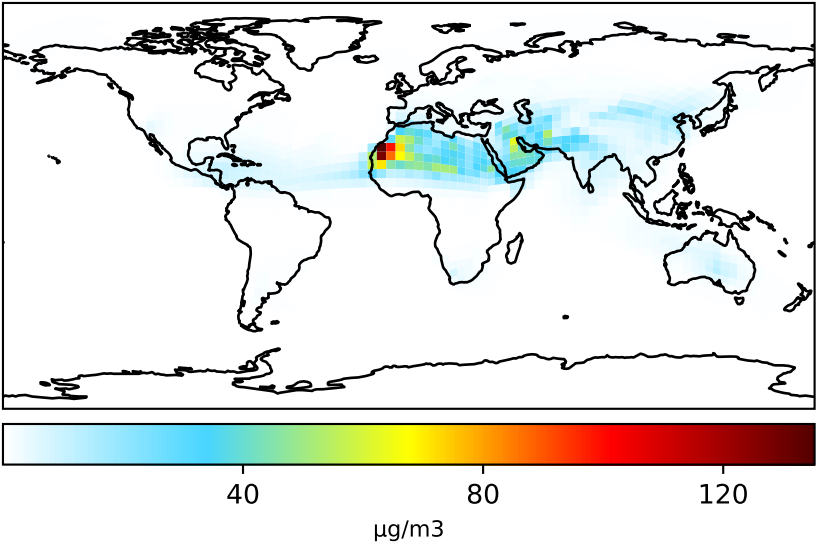


SpeciesConcVV_DST1

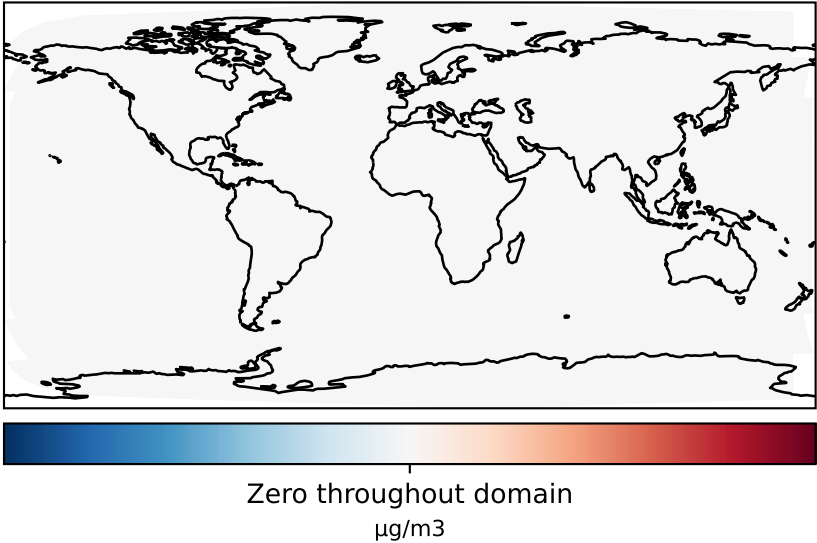
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



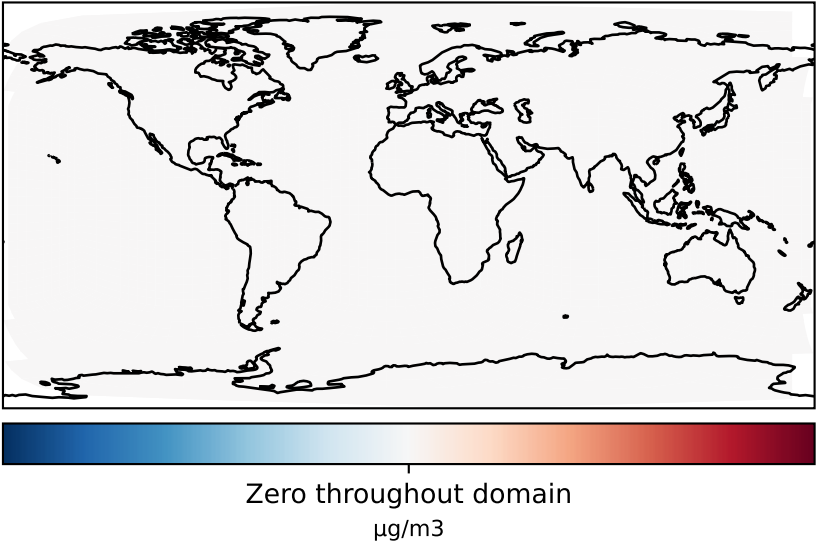
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



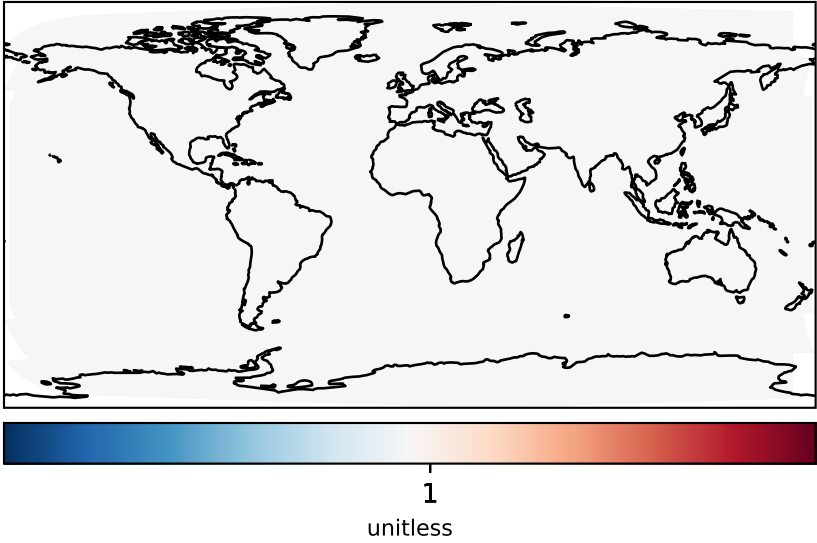
Difference
Dev - Ref, Dynamic Range



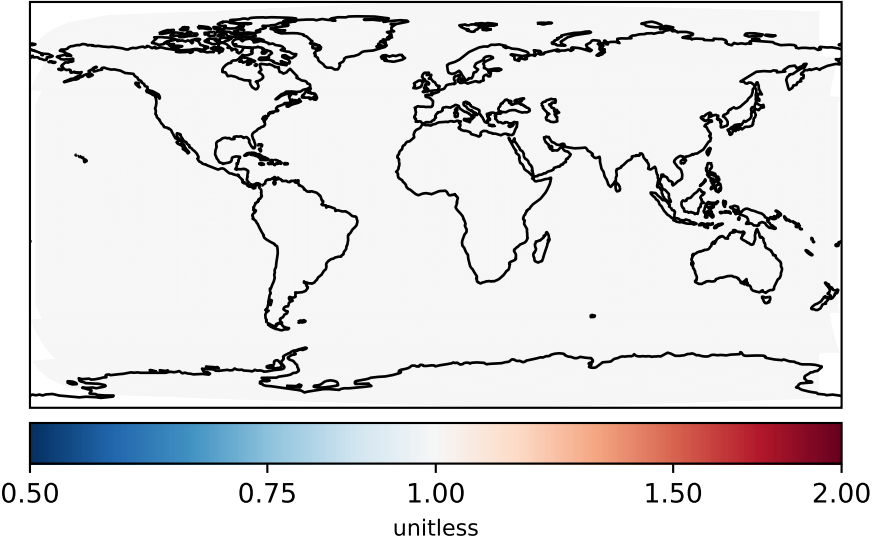
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

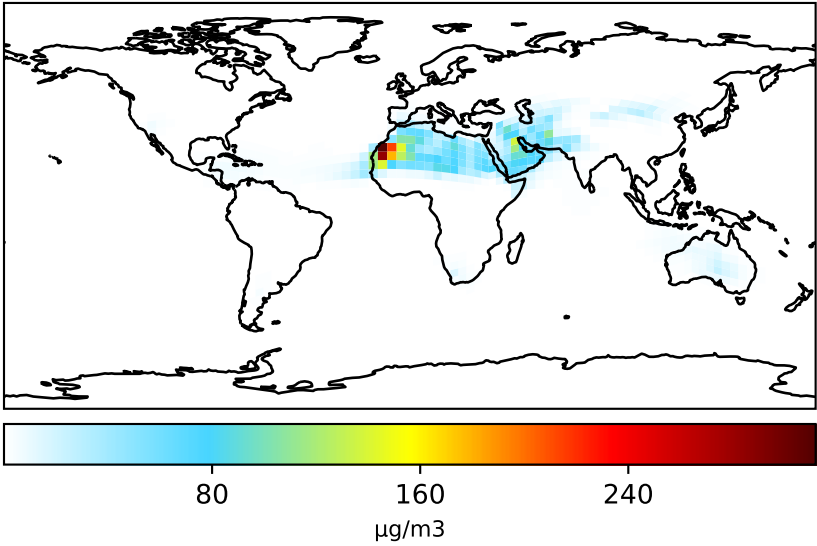


Ratio
Dev/Ref, Fixed Range

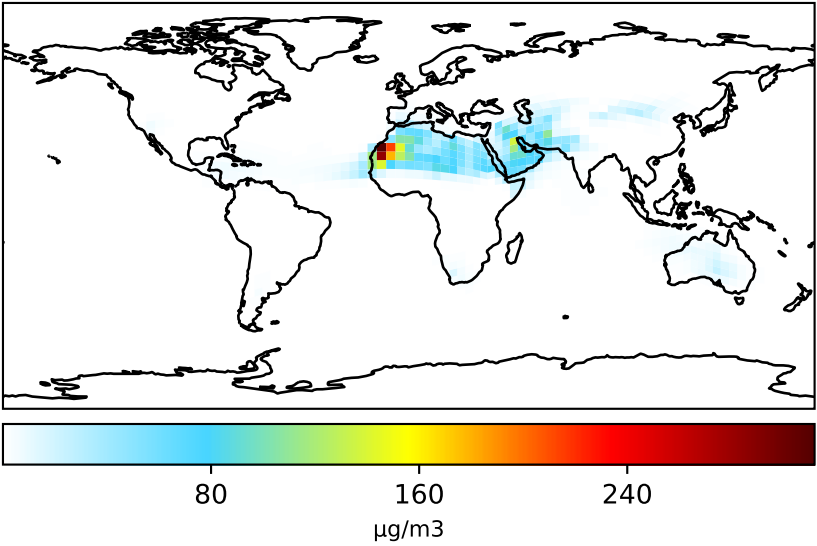


SpeciesConcVV_DST2

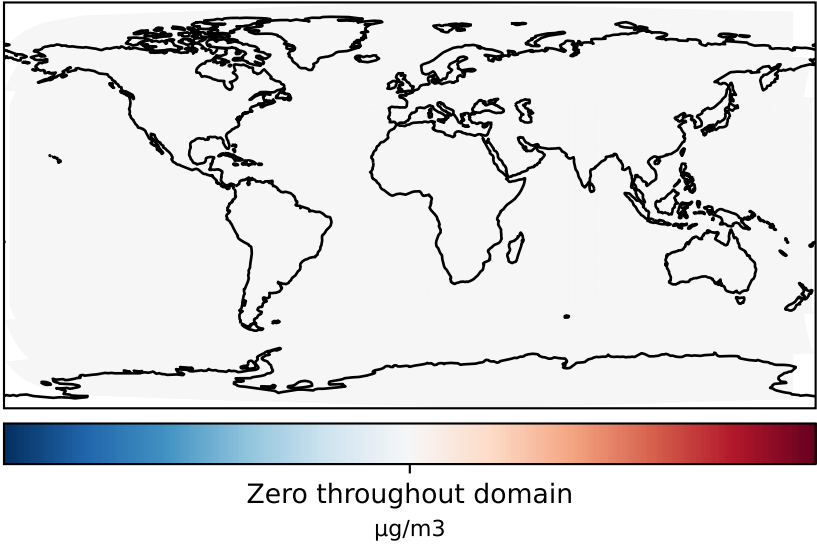
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



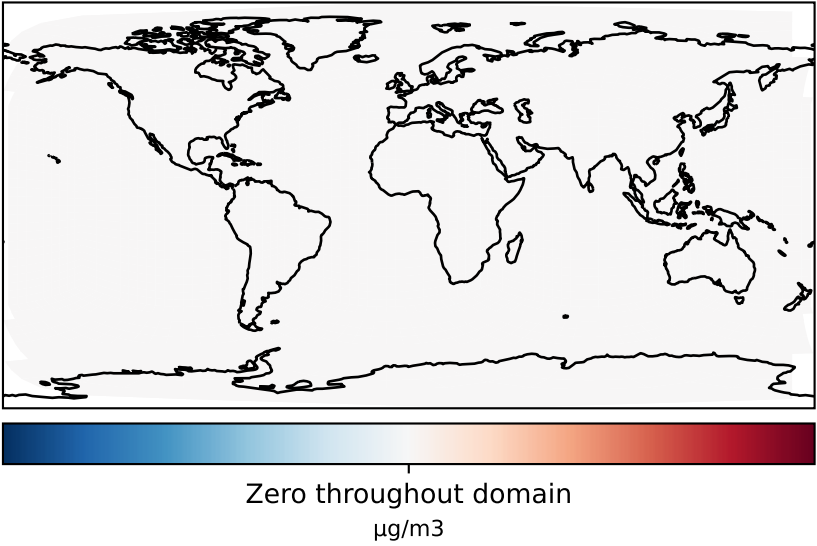
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



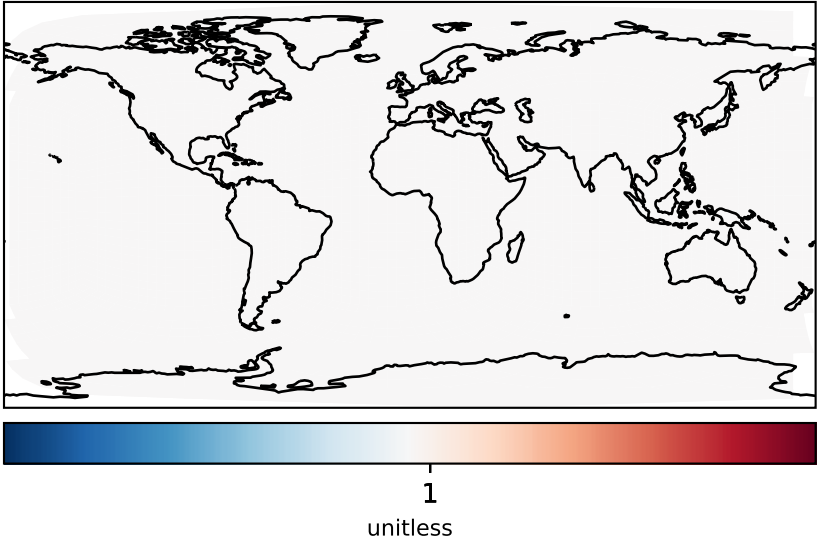
Difference
Dev - Ref, Dynamic Range



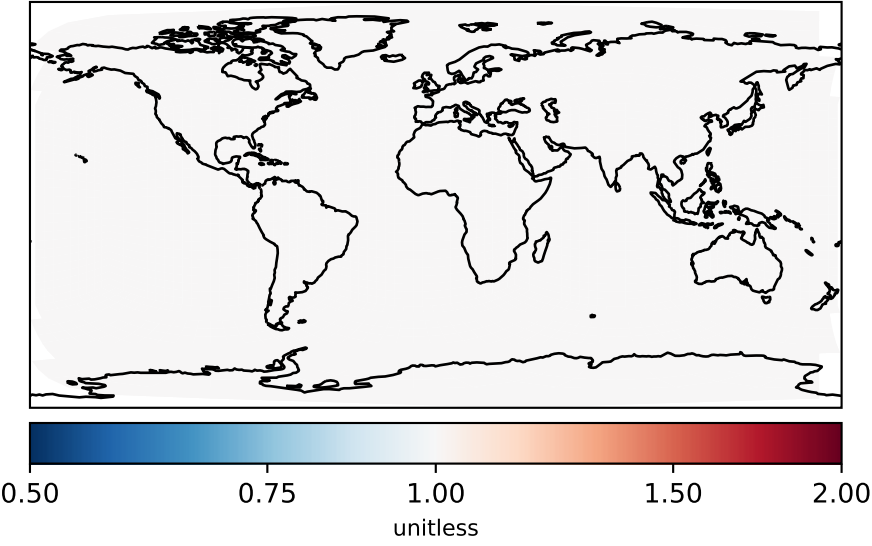
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

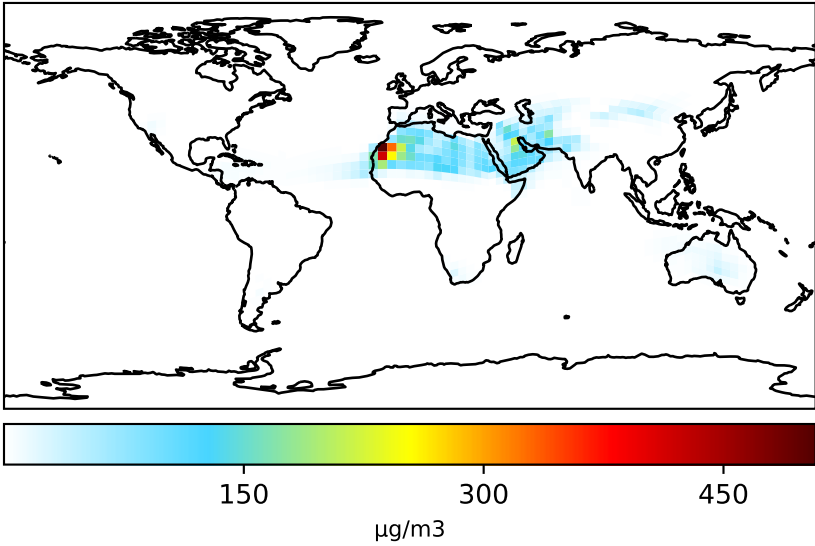


Ratio
Dev/Ref, Fixed Range

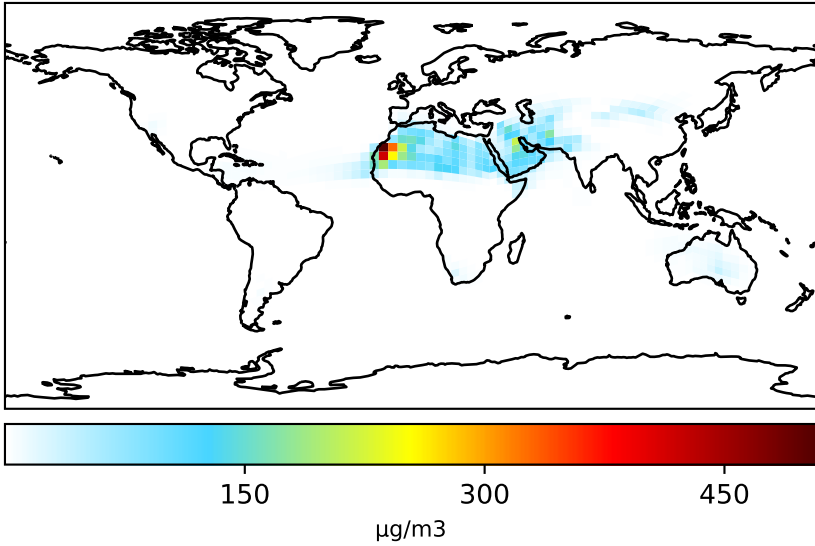


SpeciesConcVV_DST3

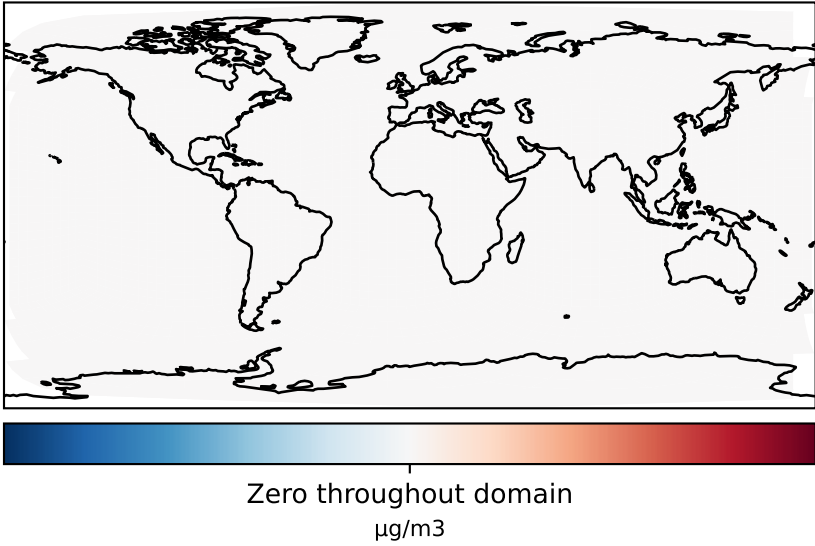
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



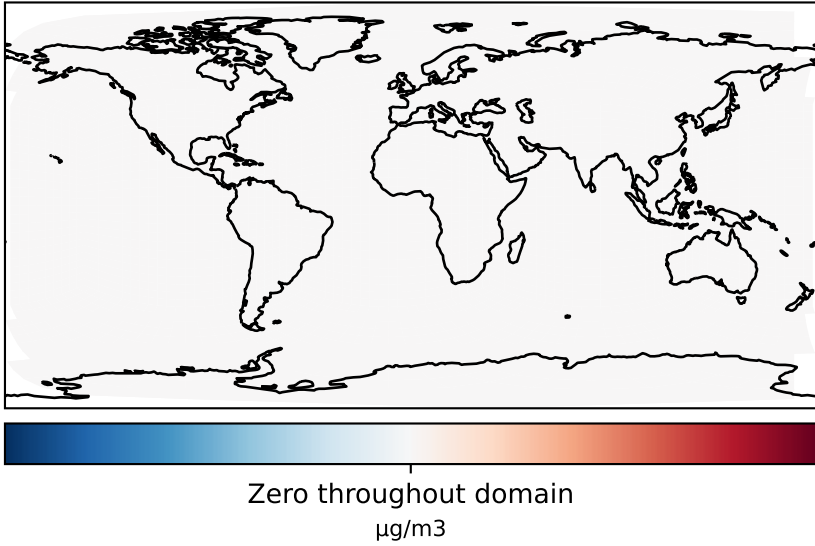
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



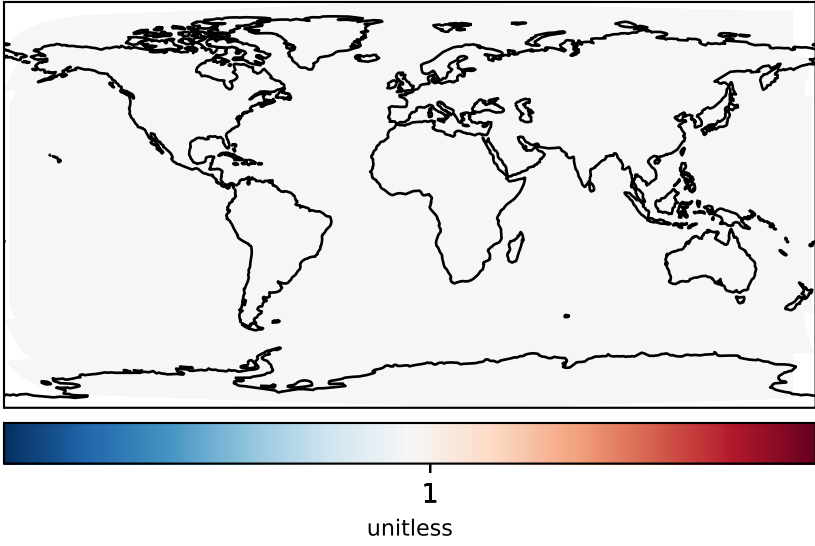
Difference
Dev - Ref, Dynamic Range



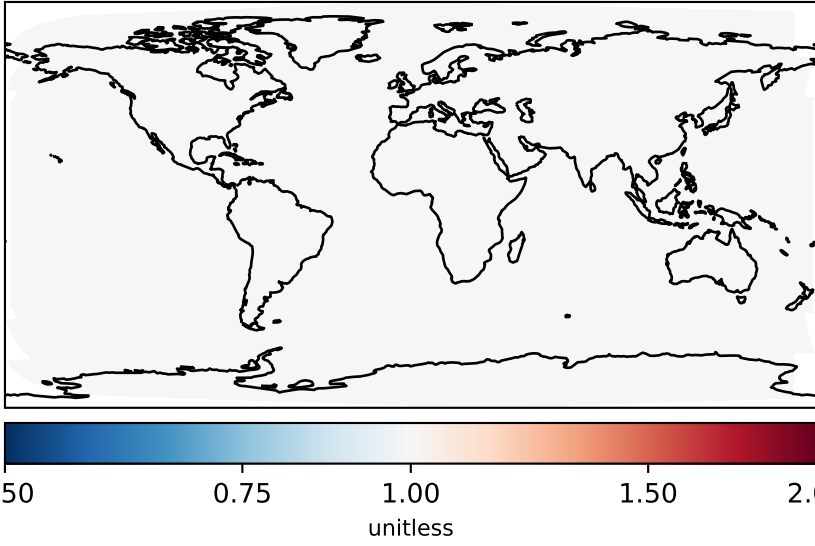
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

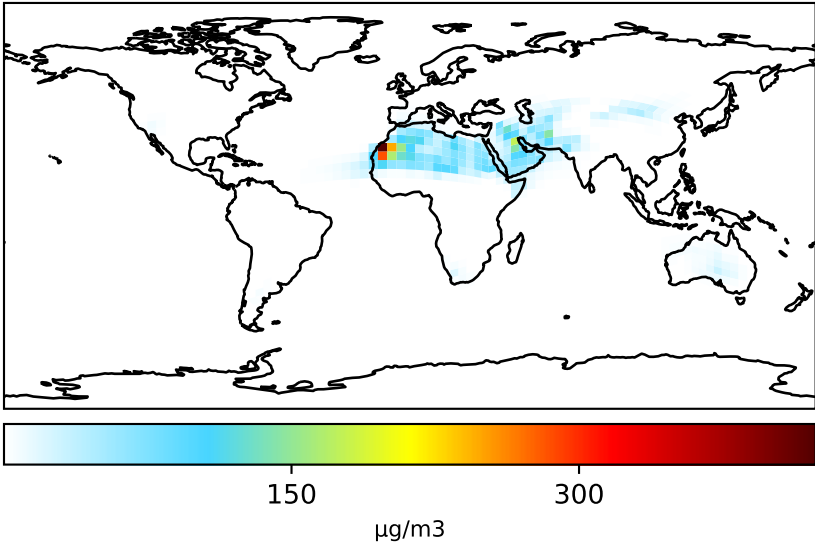


Ratio
Dev/Ref, Fixed Range

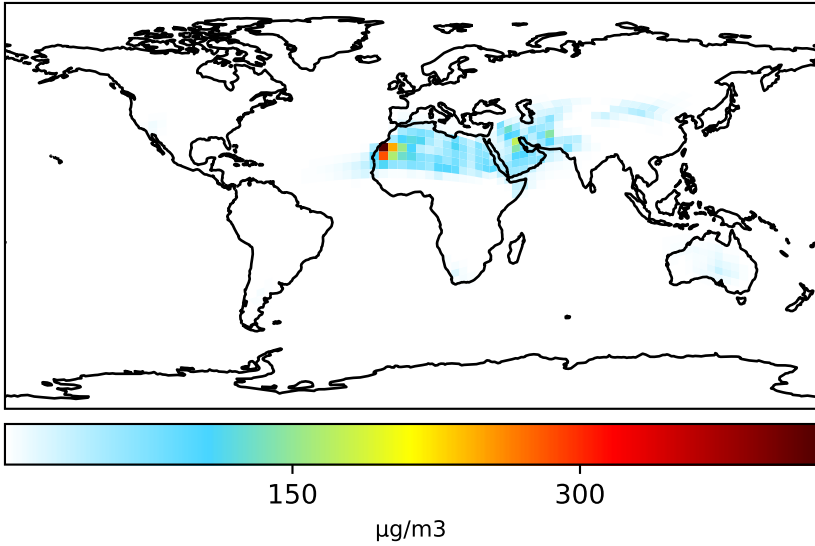


SpeciesConcVV_DST4

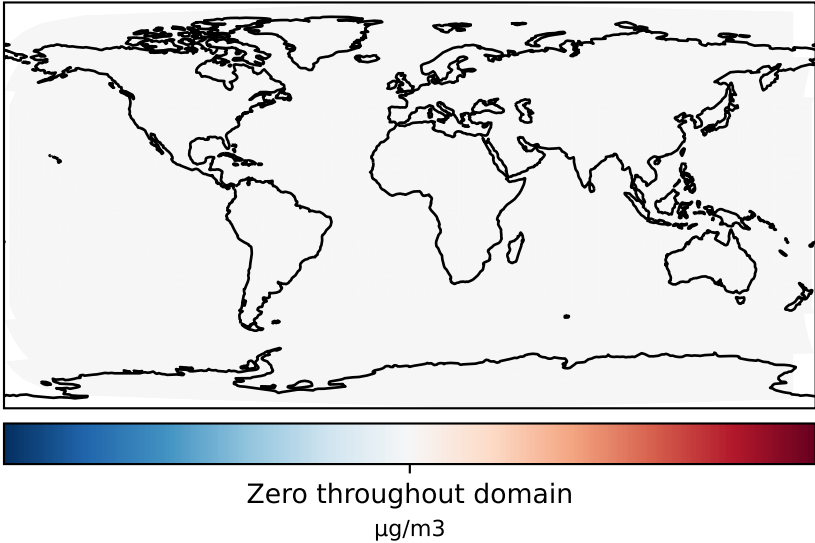
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



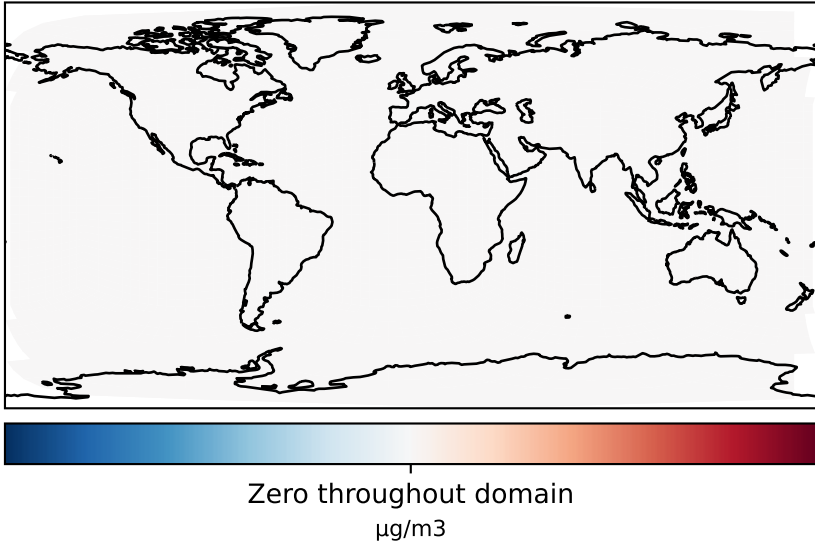
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



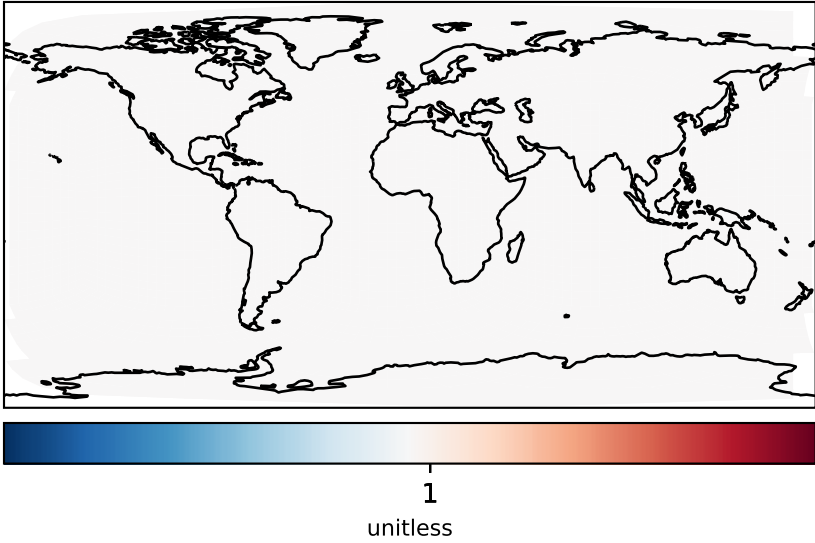
Difference
Dev - Ref, Dynamic Range



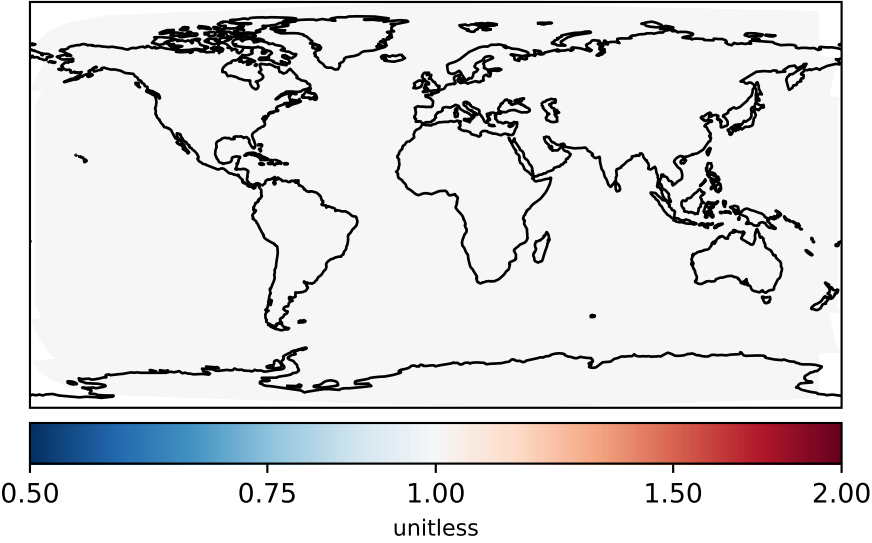
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

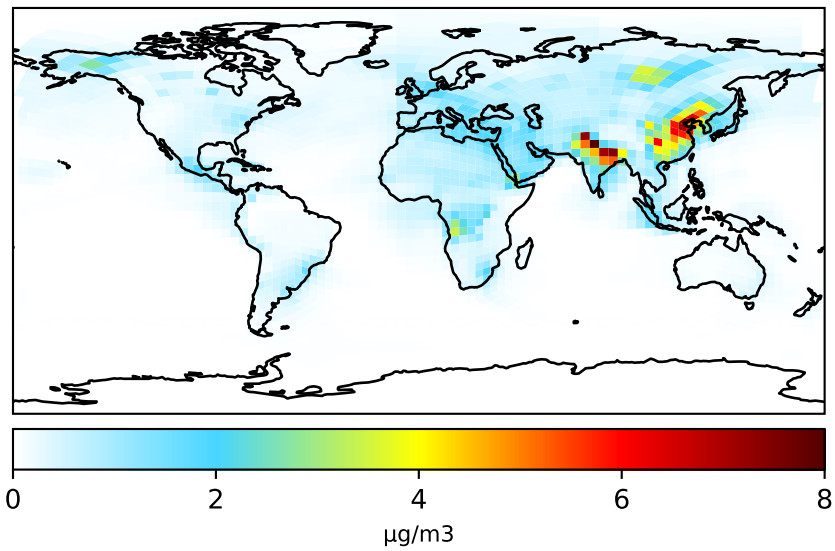


Ratio
Dev/Ref, Fixed Range

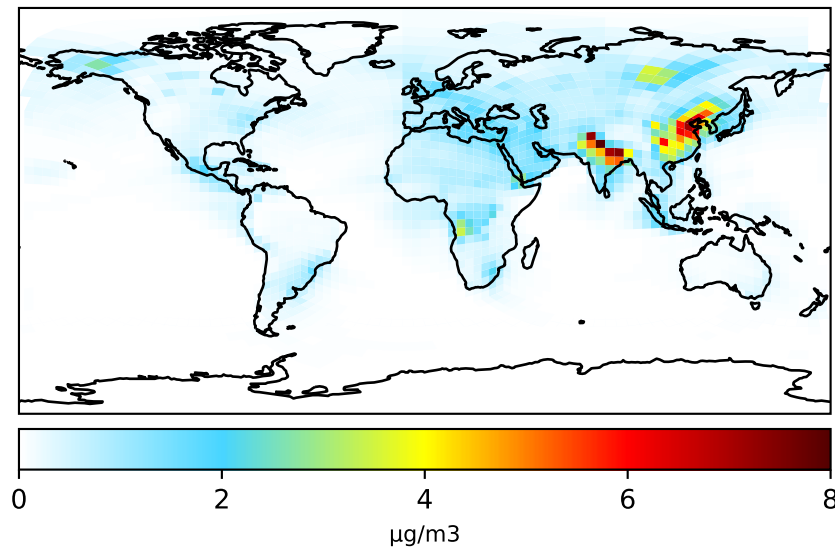


SpeciesConcVV_NH4

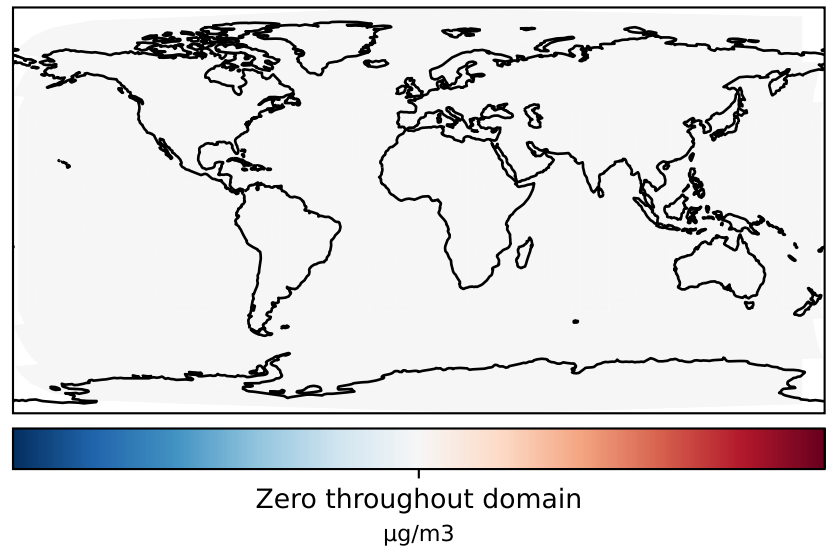
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



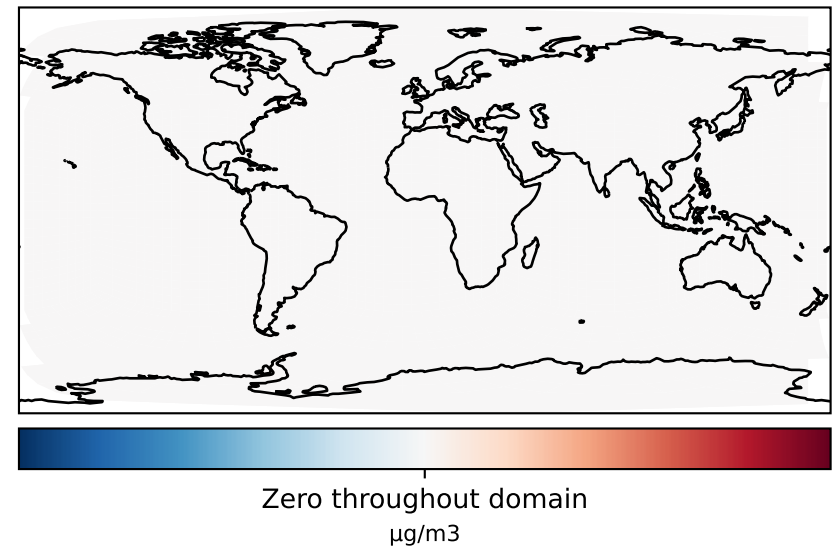
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



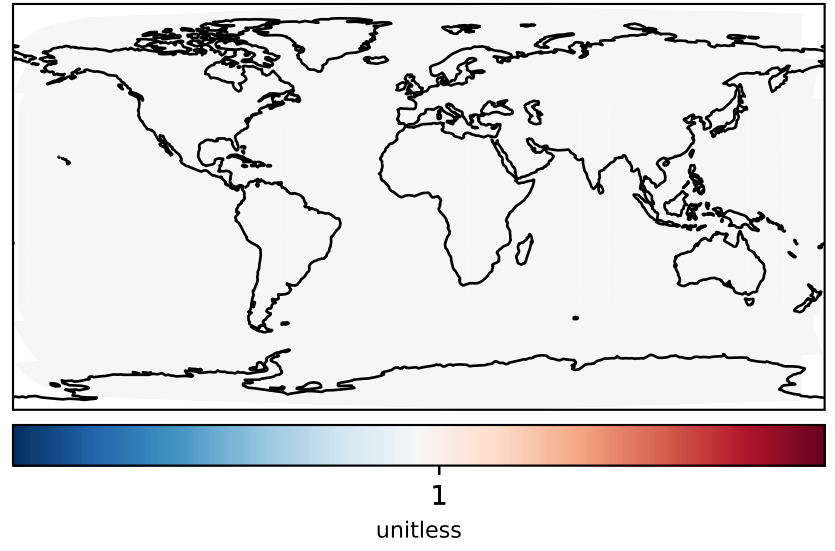
Difference
Dev - Ref, Dynamic Range



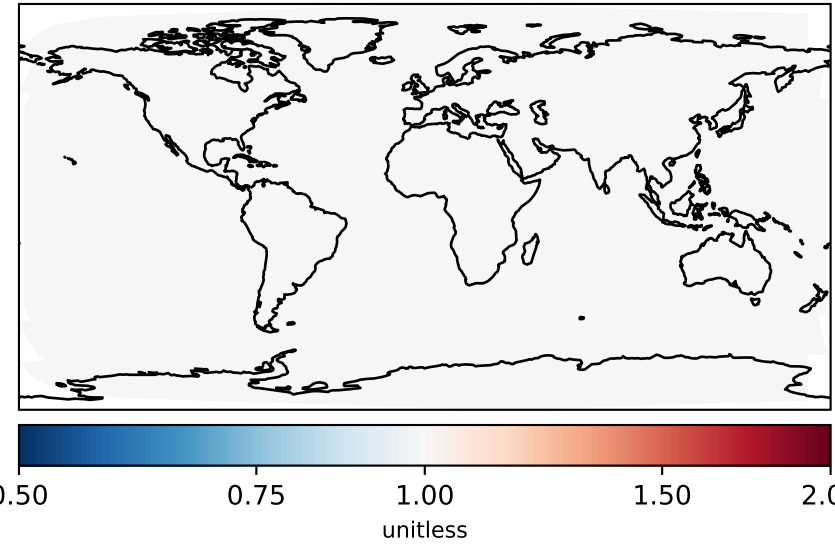
Difference
Dev - Ref, Restricted Range [5%,95%]



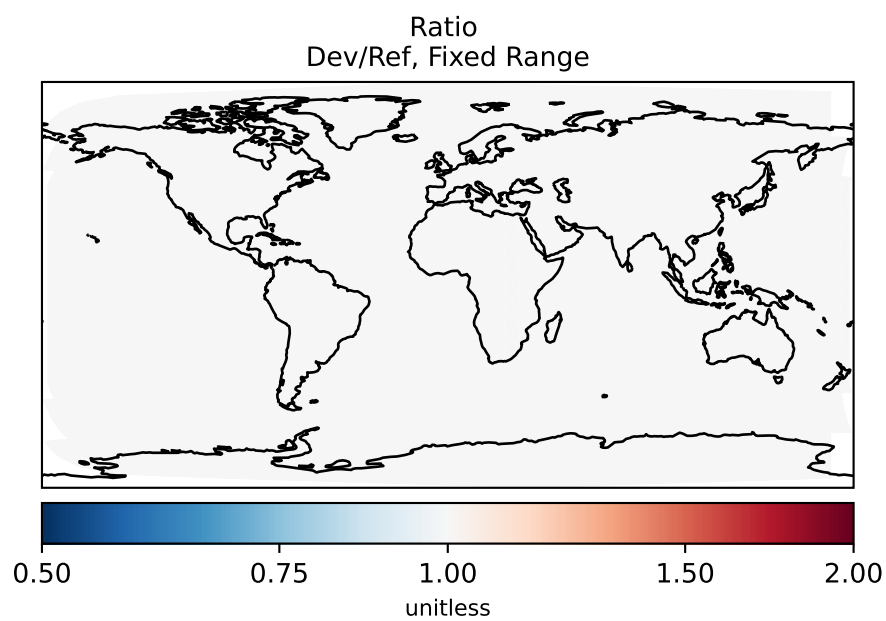
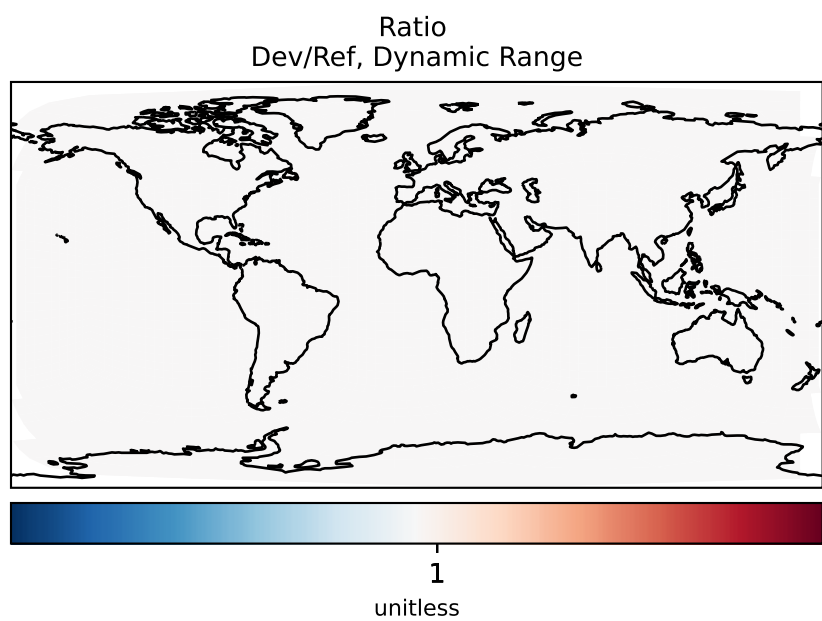
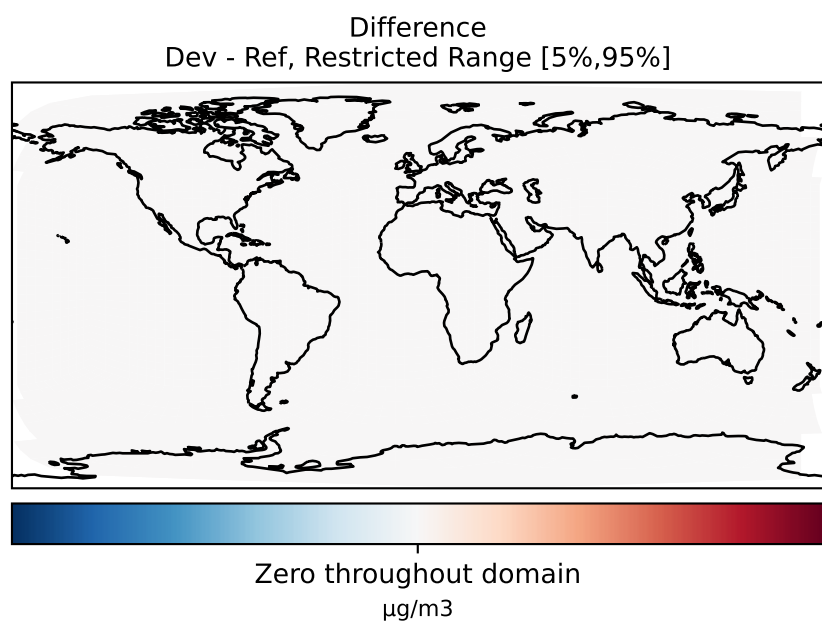
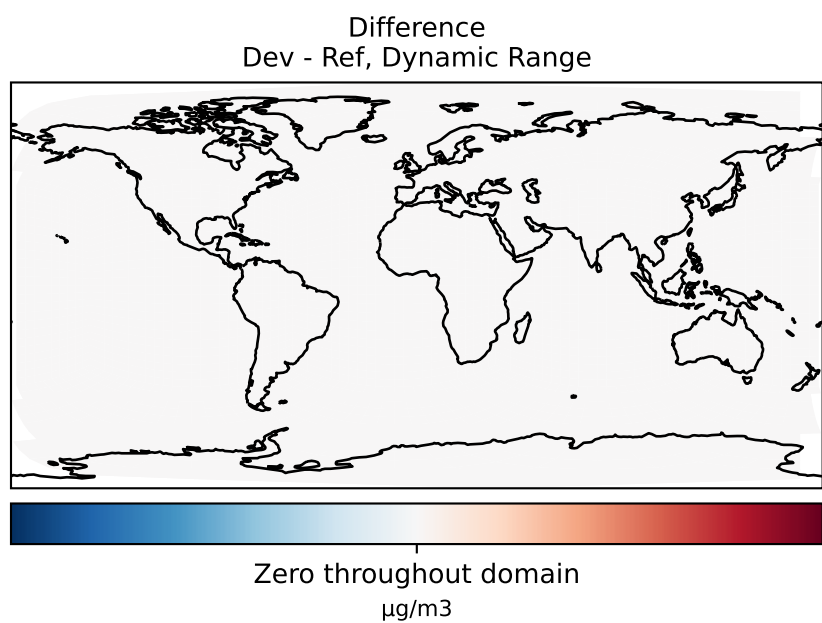
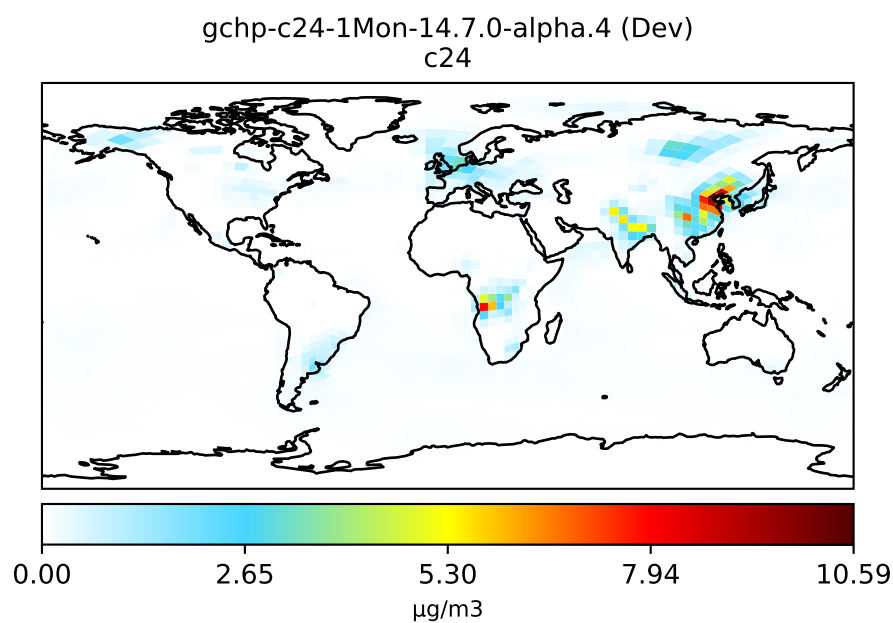
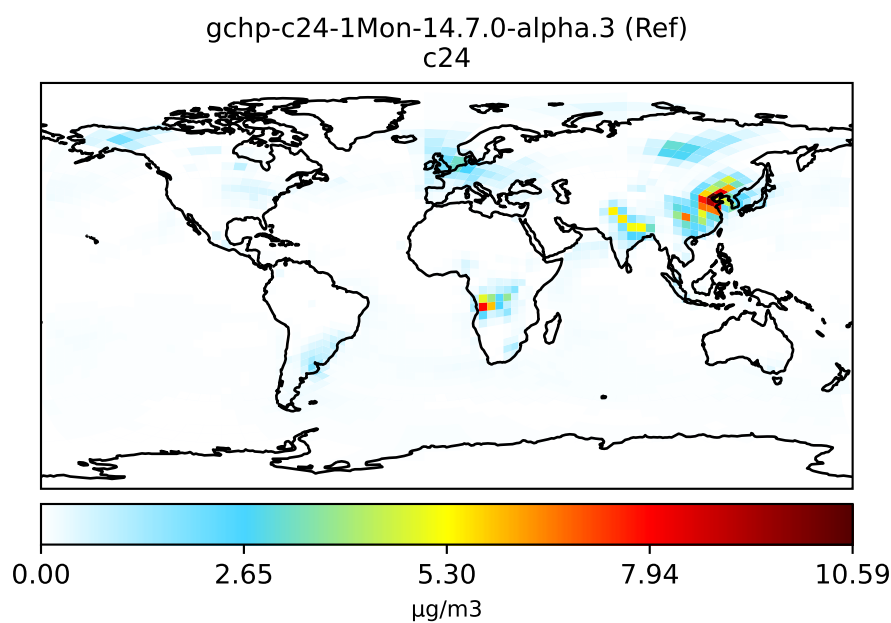
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

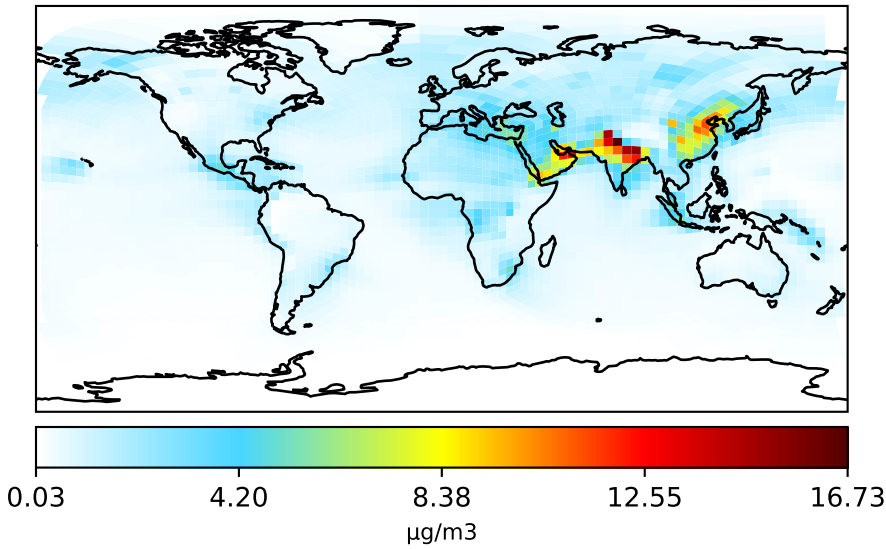


SpeciesConcVV_NIT

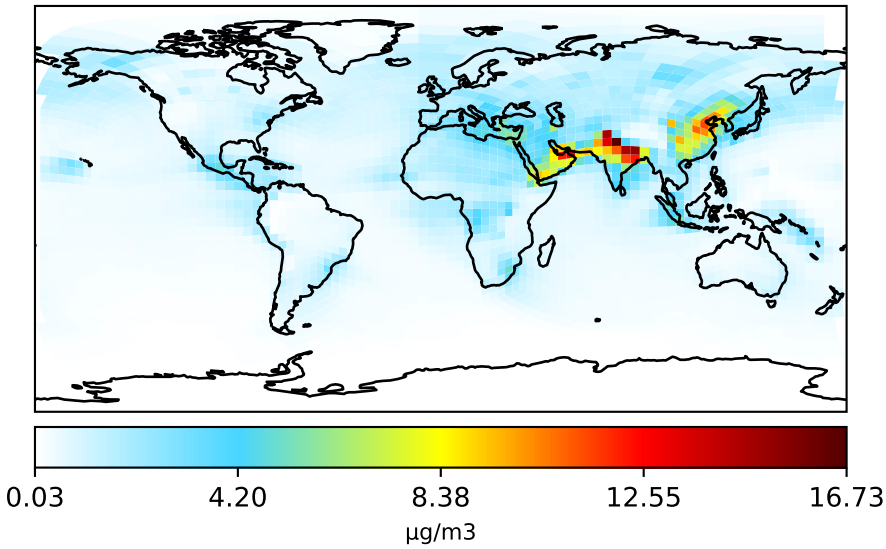


SpeciesConcVV_S04

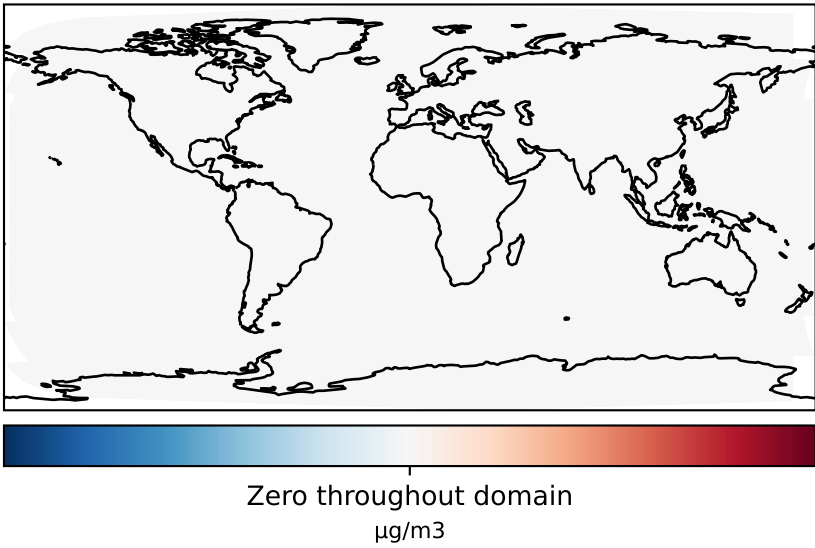
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



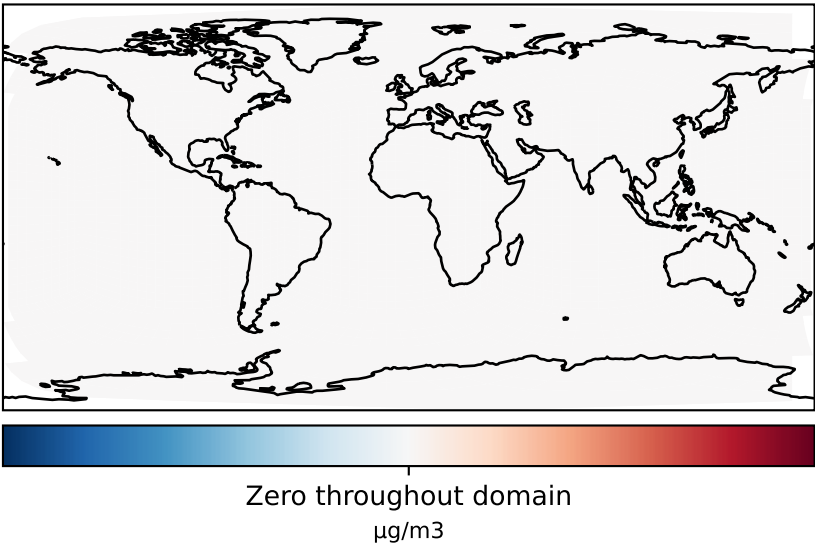
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



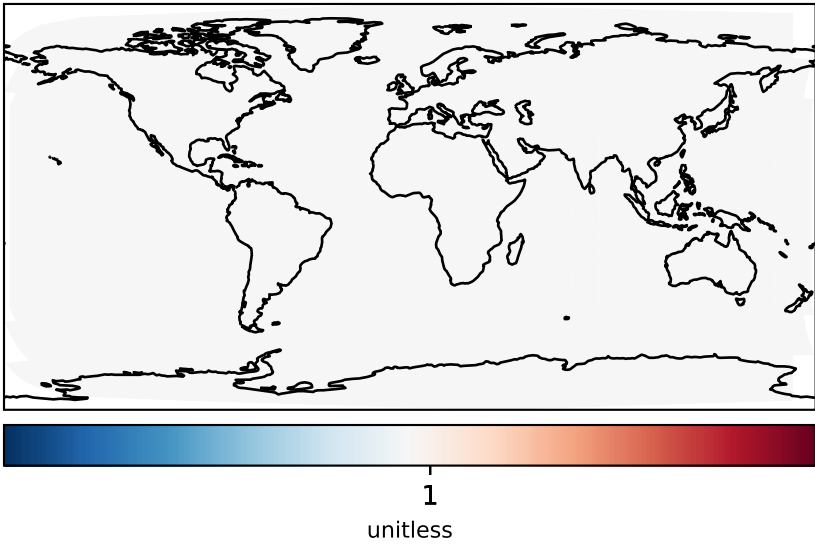
Difference
Dev - Ref, Dynamic Range



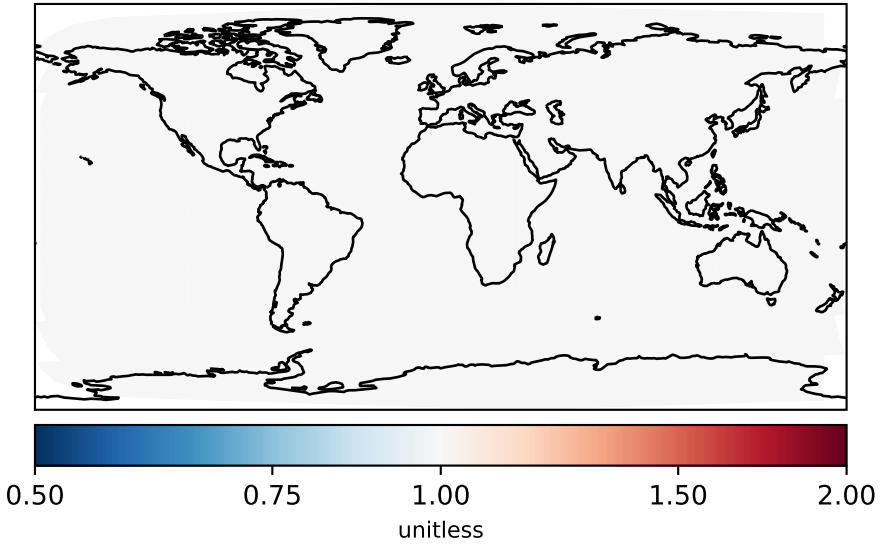
Difference
Dev - Ref, Restricted Range [5%,95%]



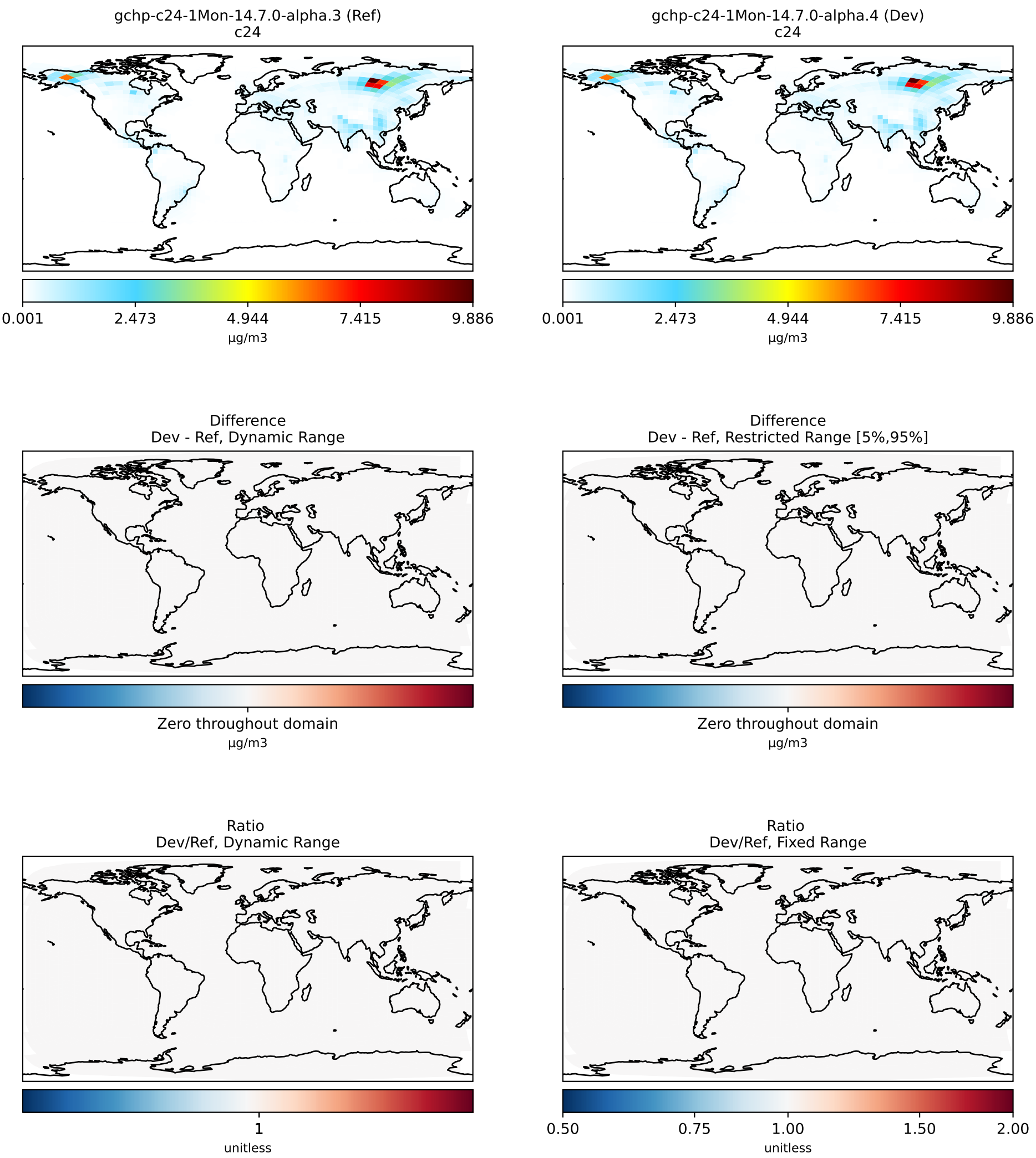
Ratio
Dev/Ref, Dynamic Range



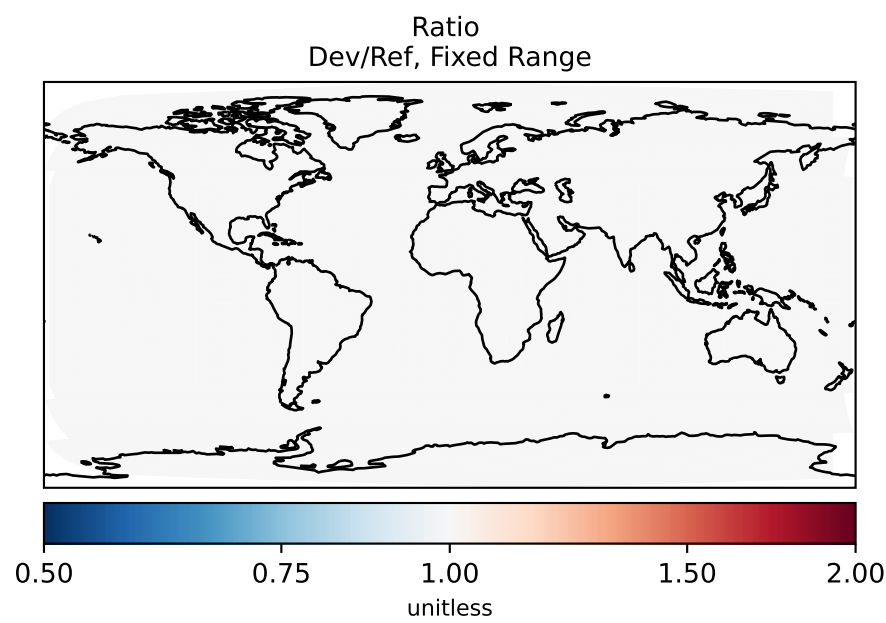
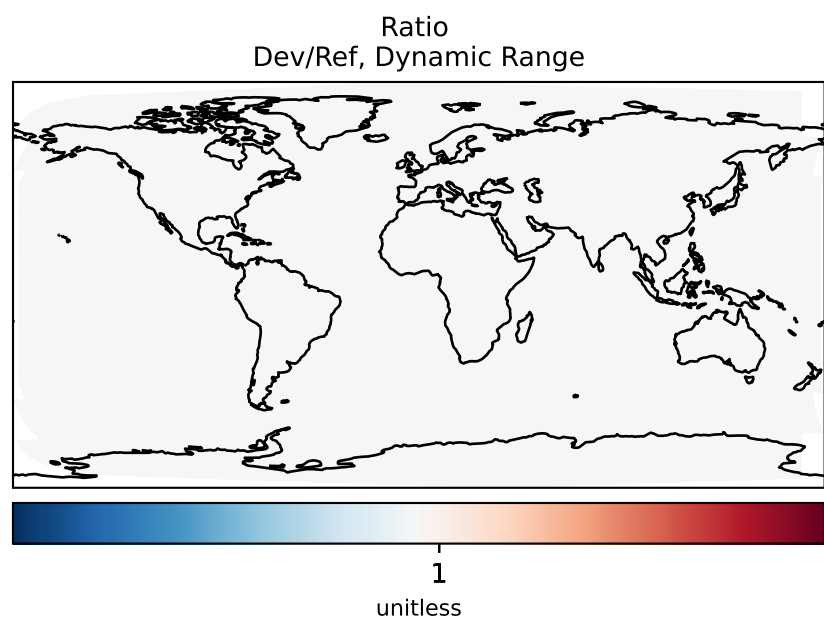
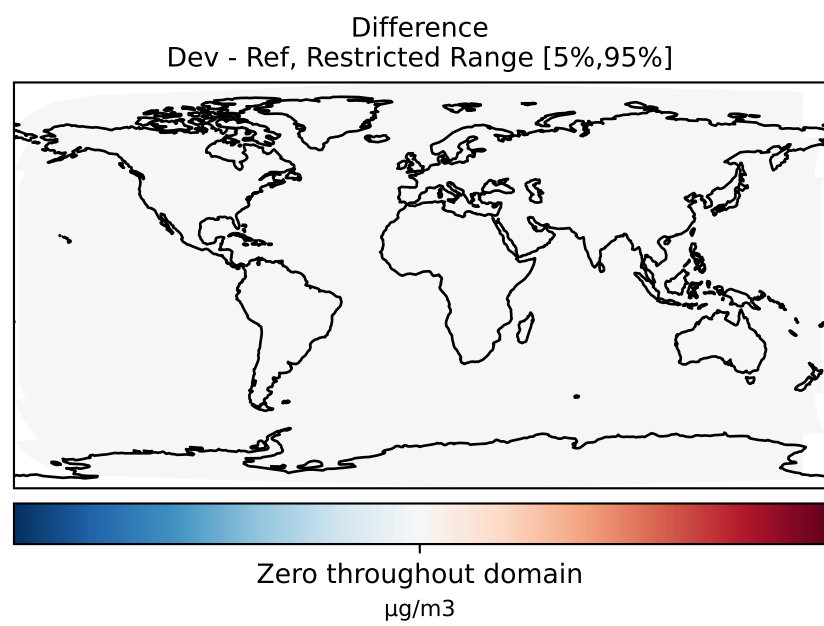
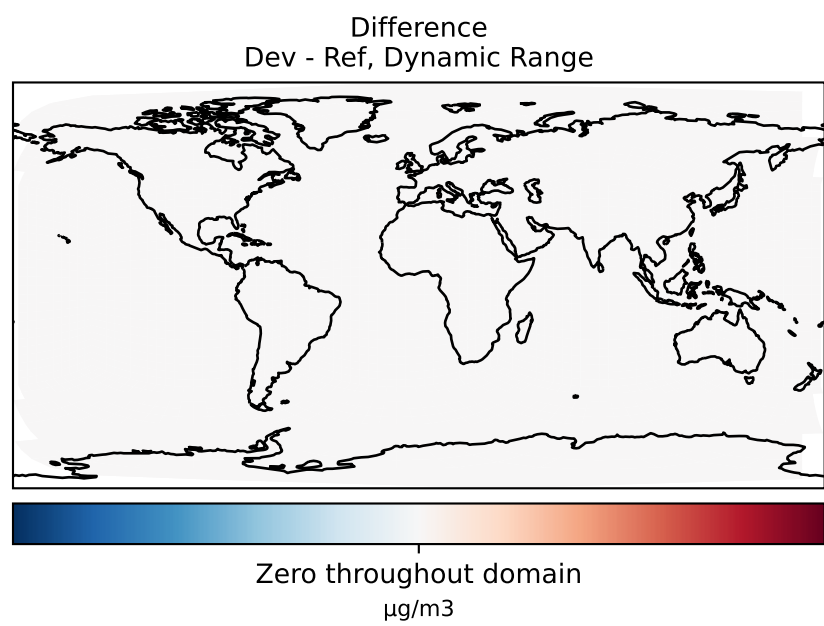
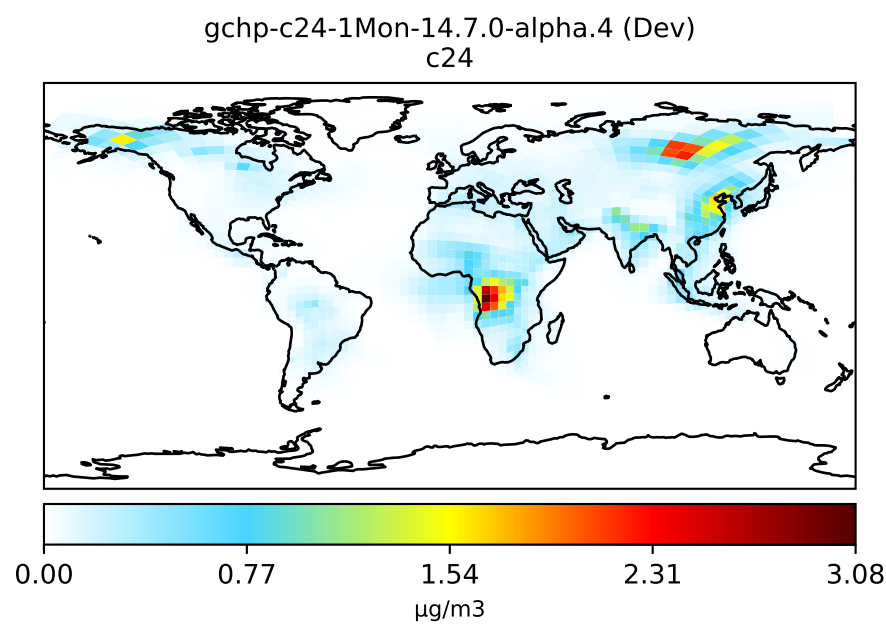
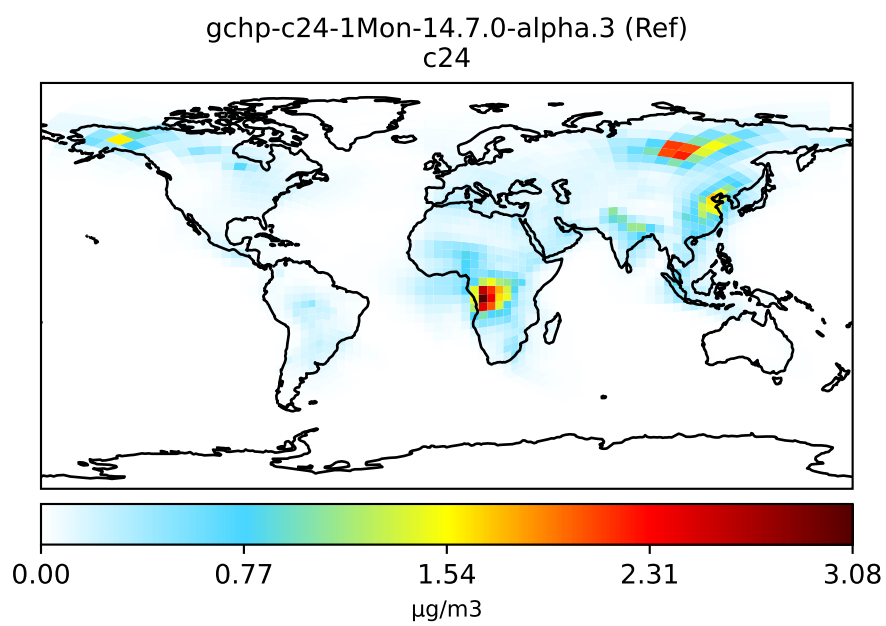
Ratio
Dev/Ref, Fixed Range



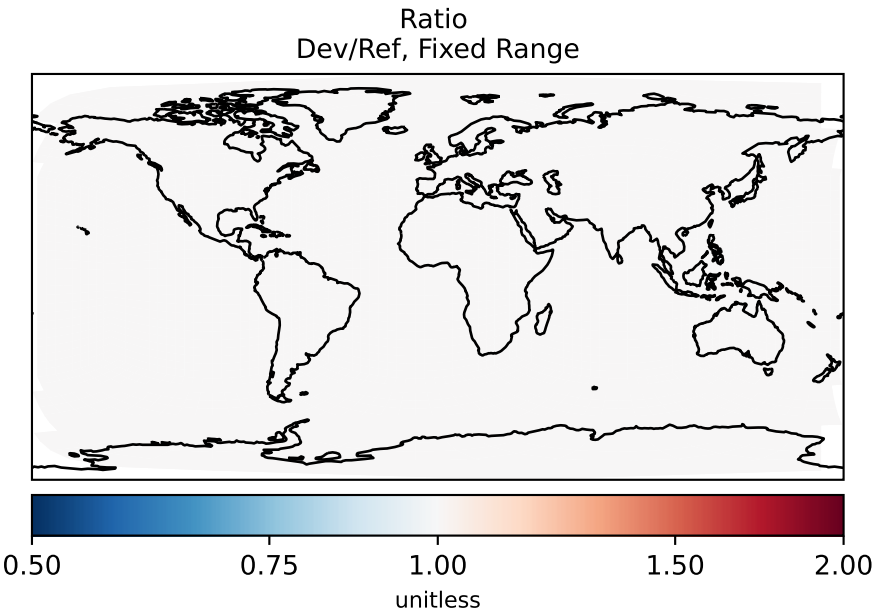
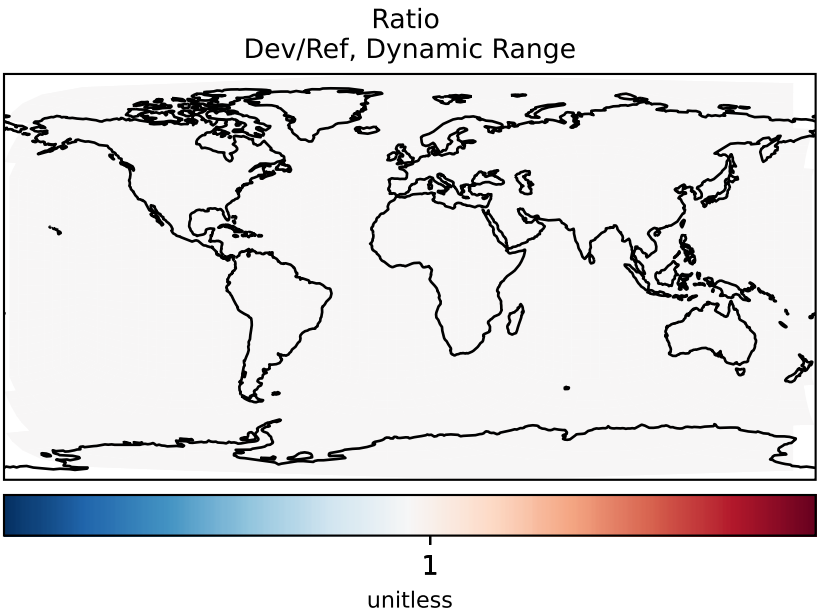
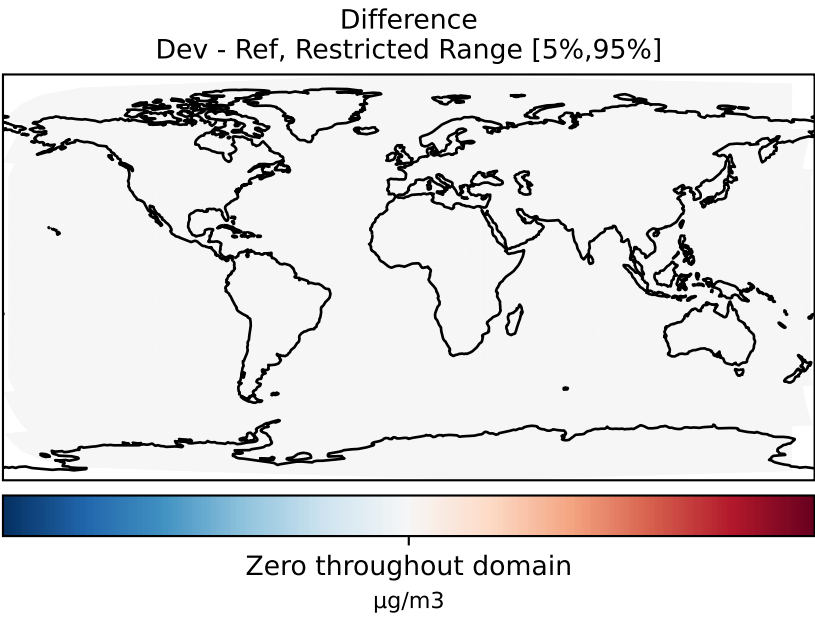
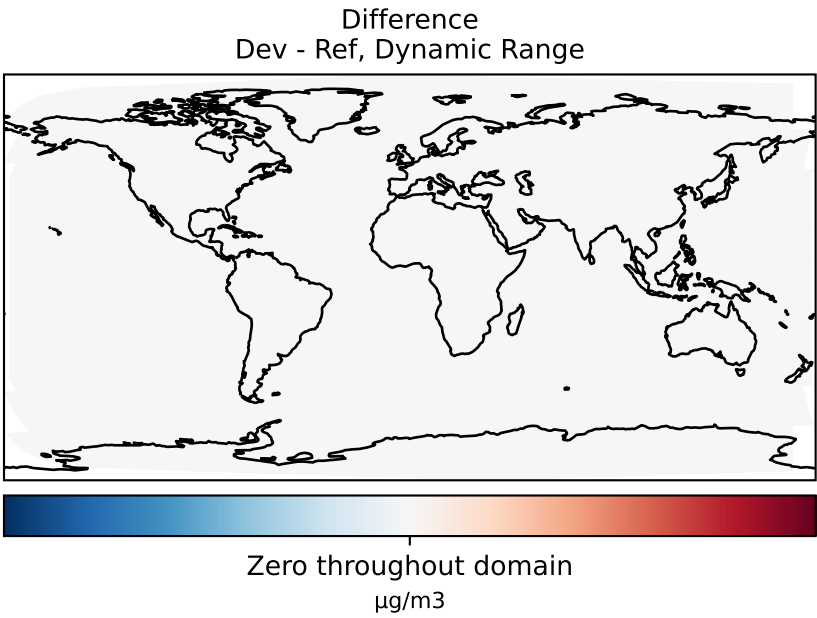
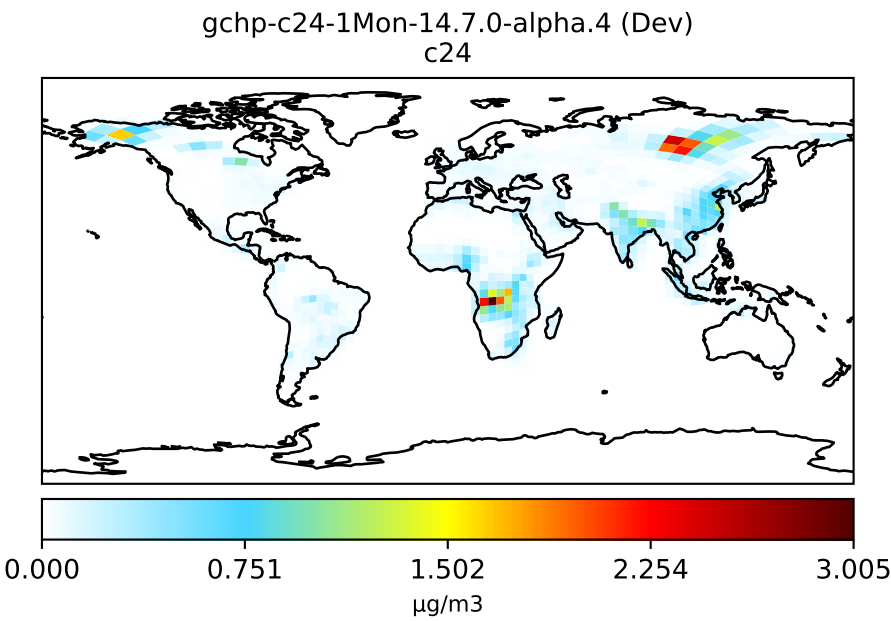
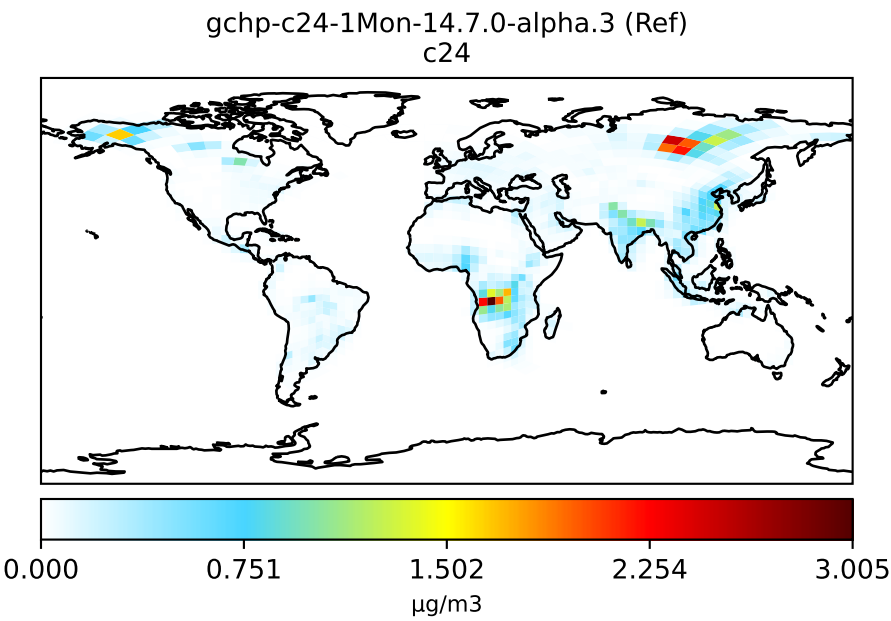
SpeciesConcVV_HMS



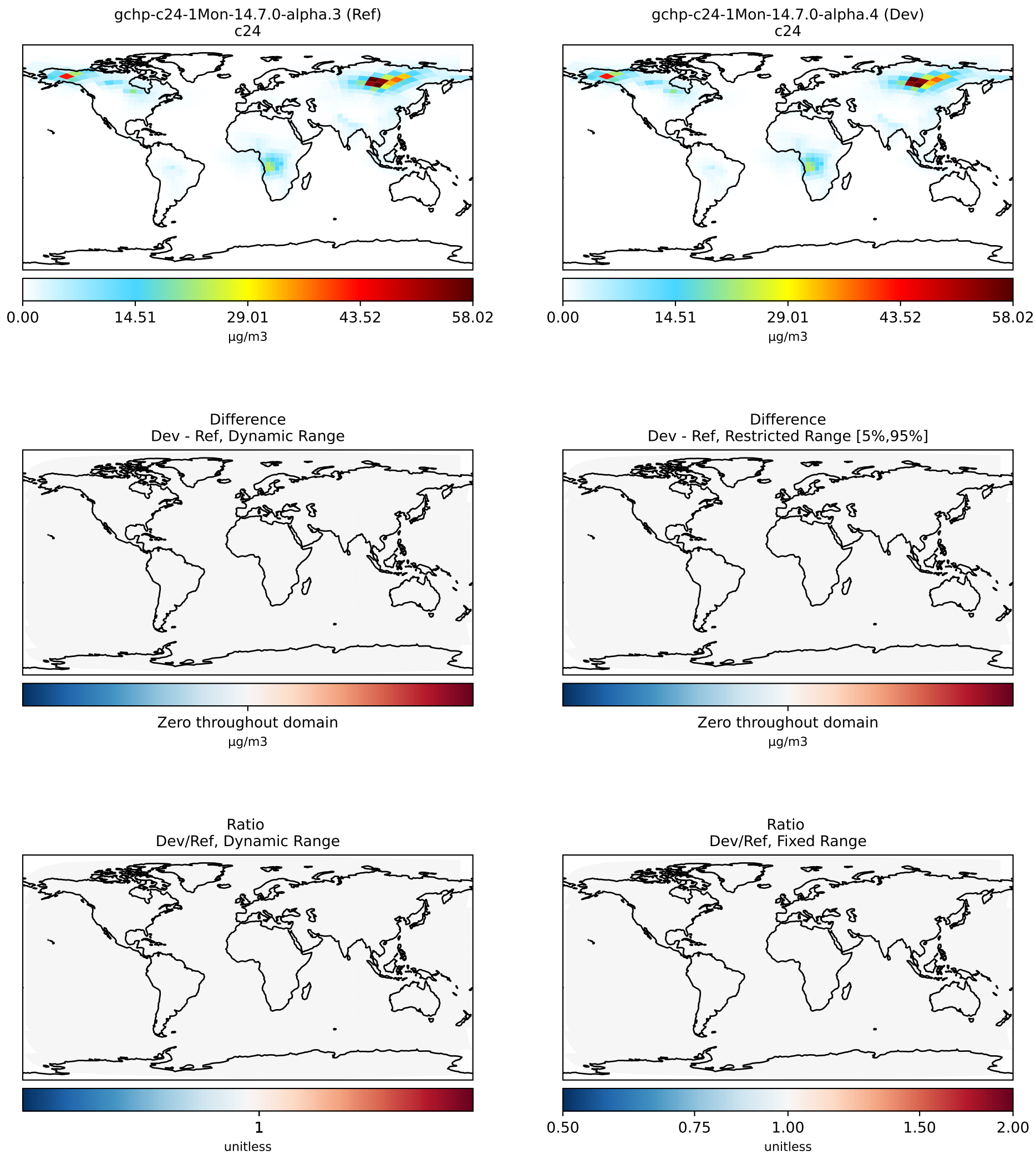
SpeciesConcVV_BCPI



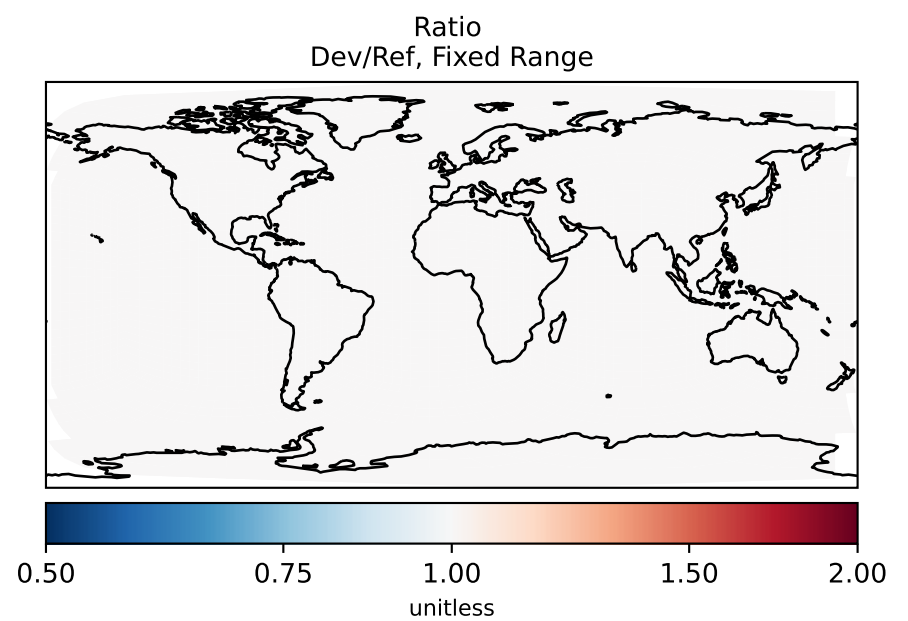
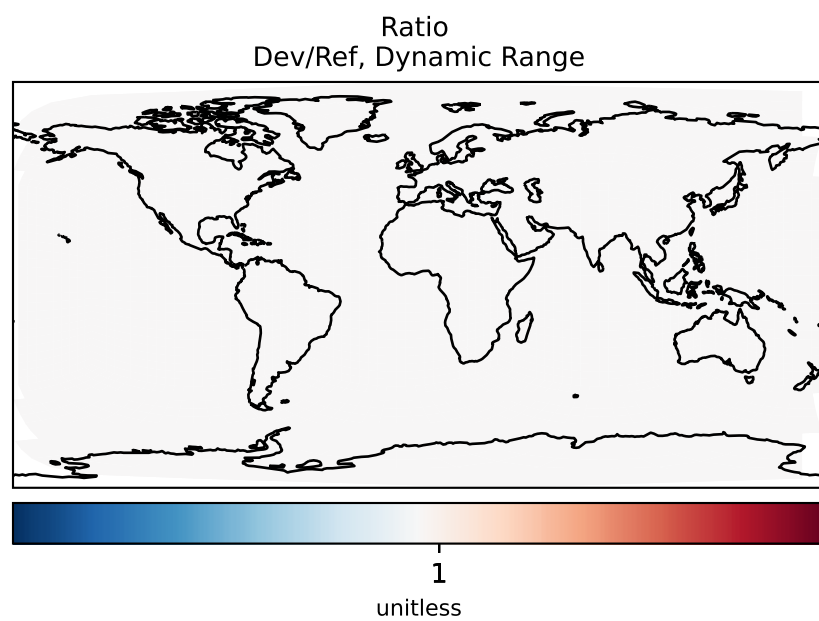
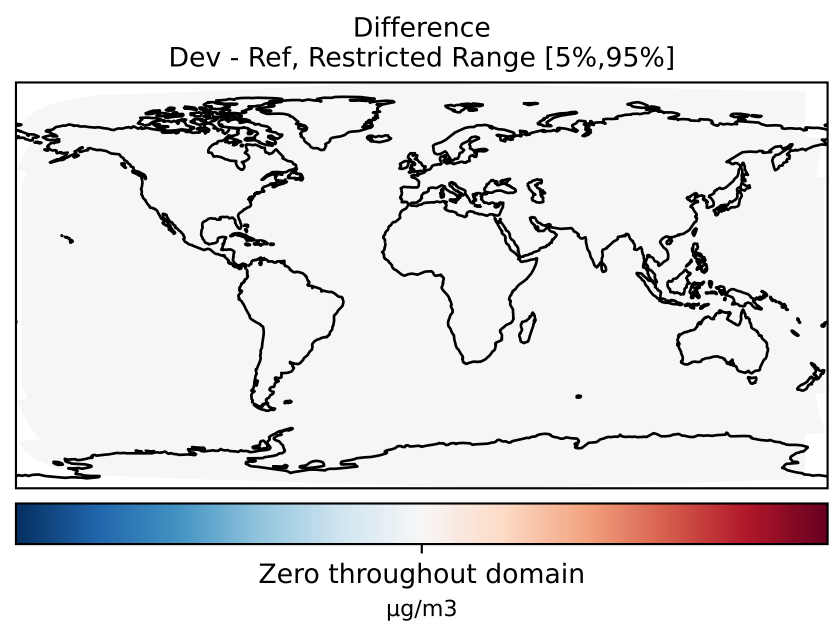
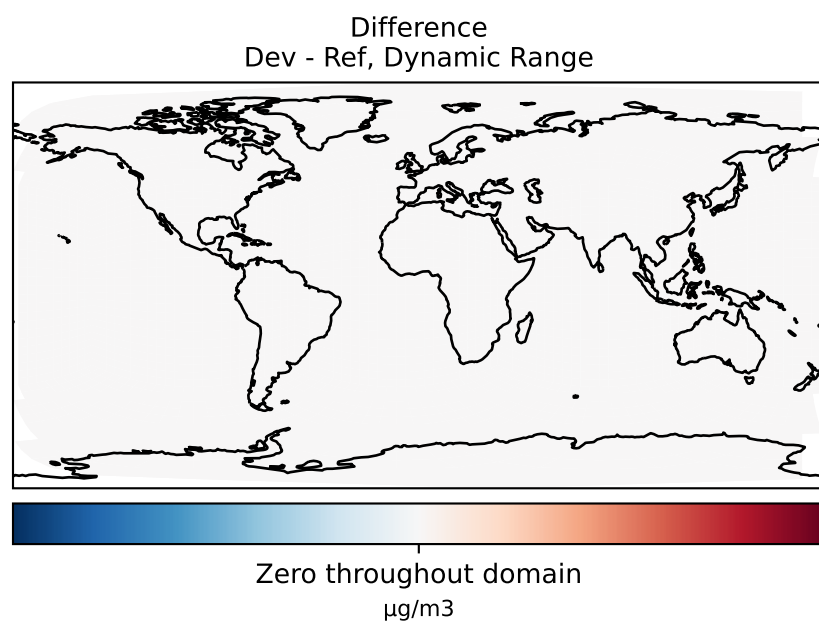
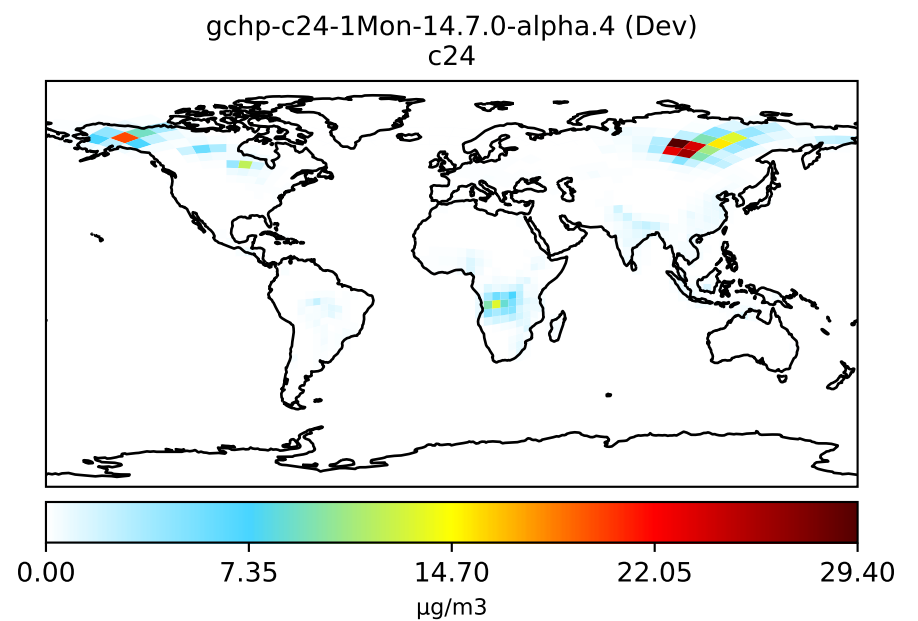
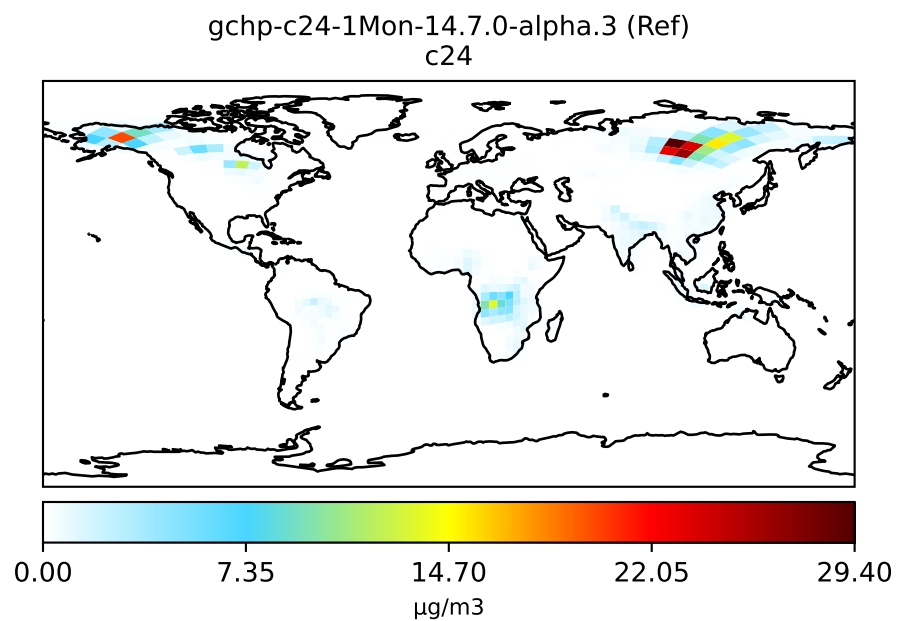
SpeciesConcVW_BCPO



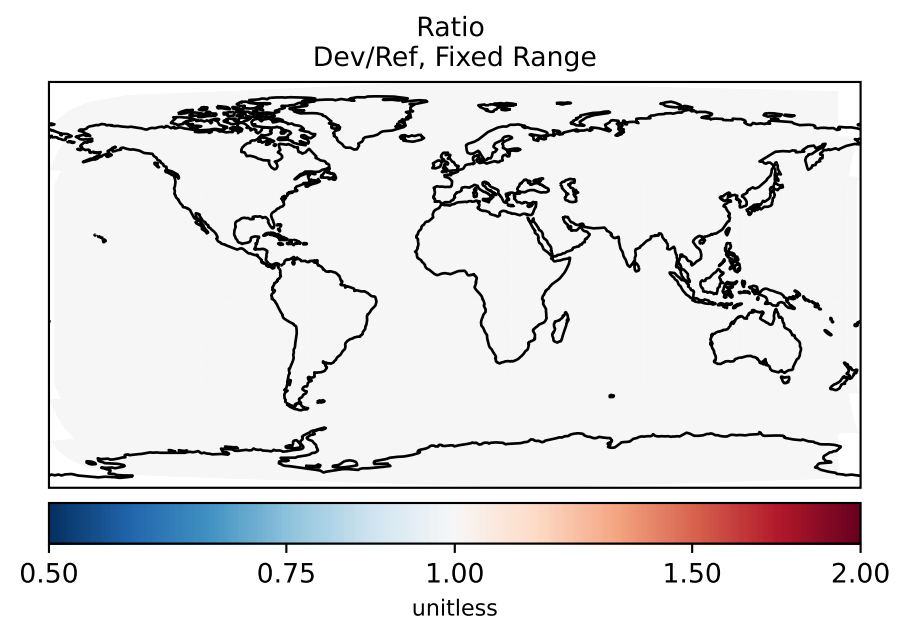
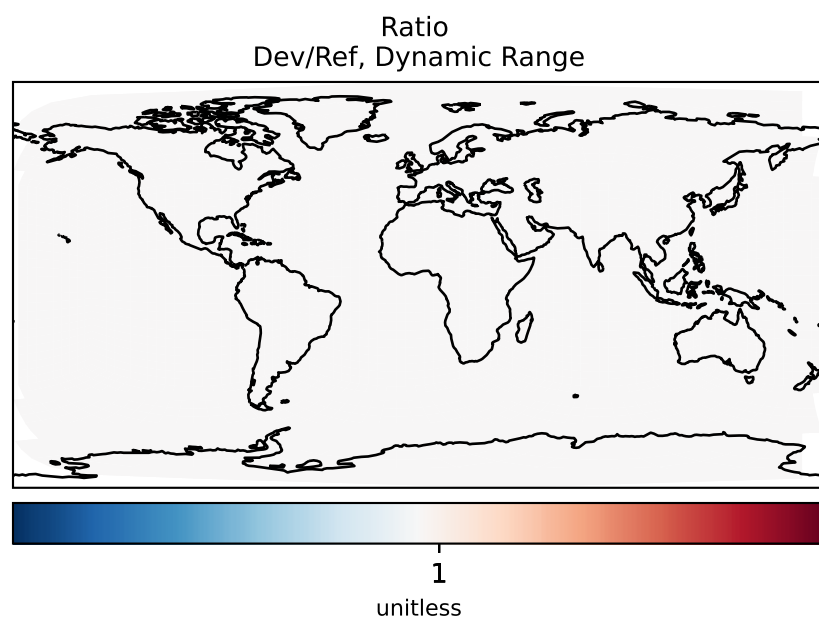
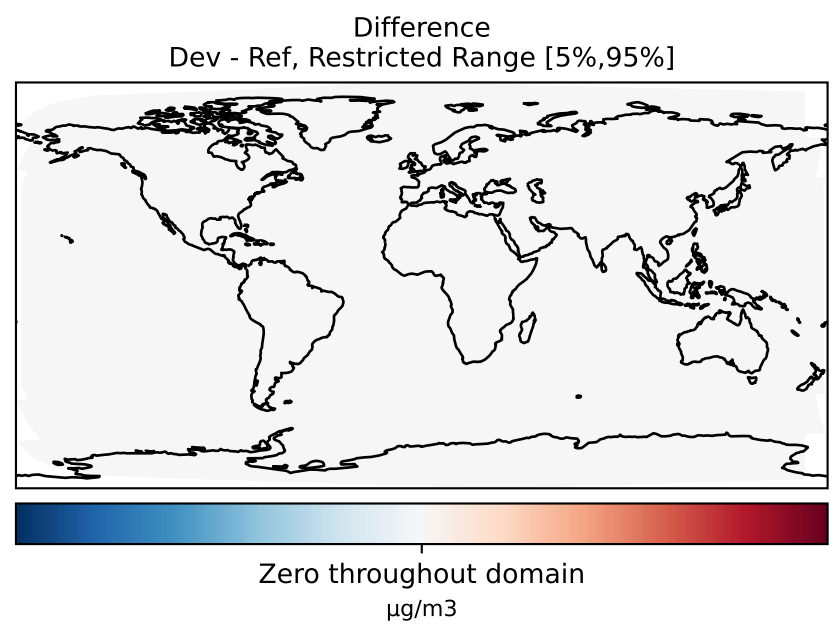
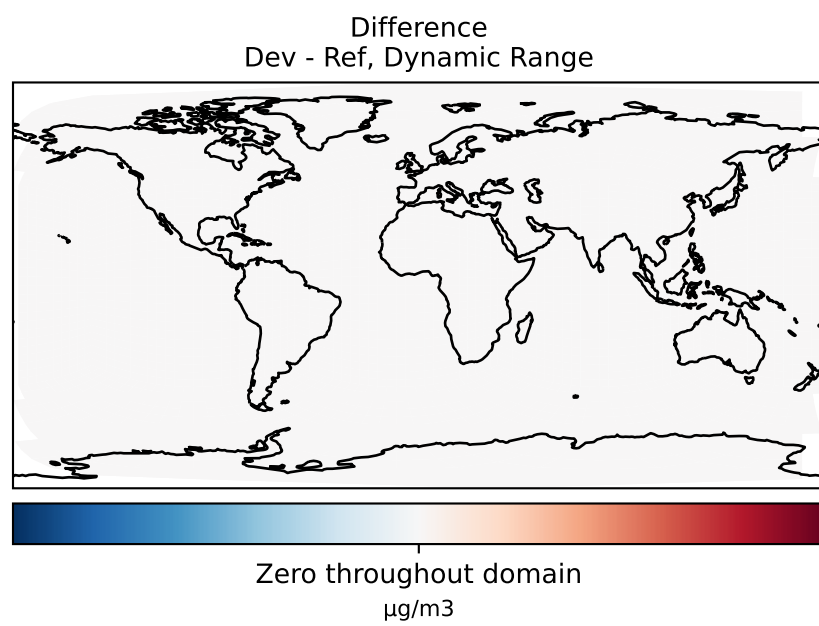
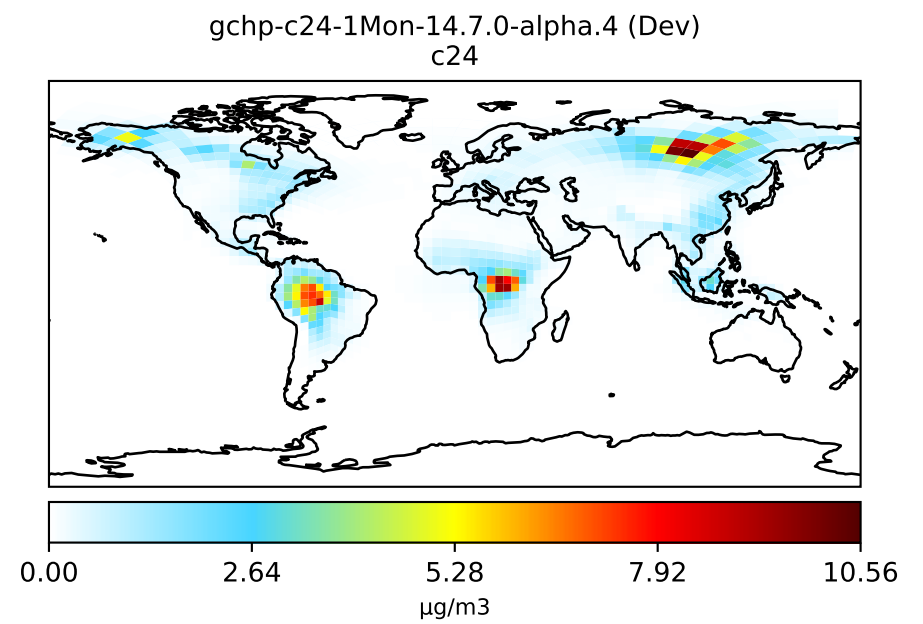
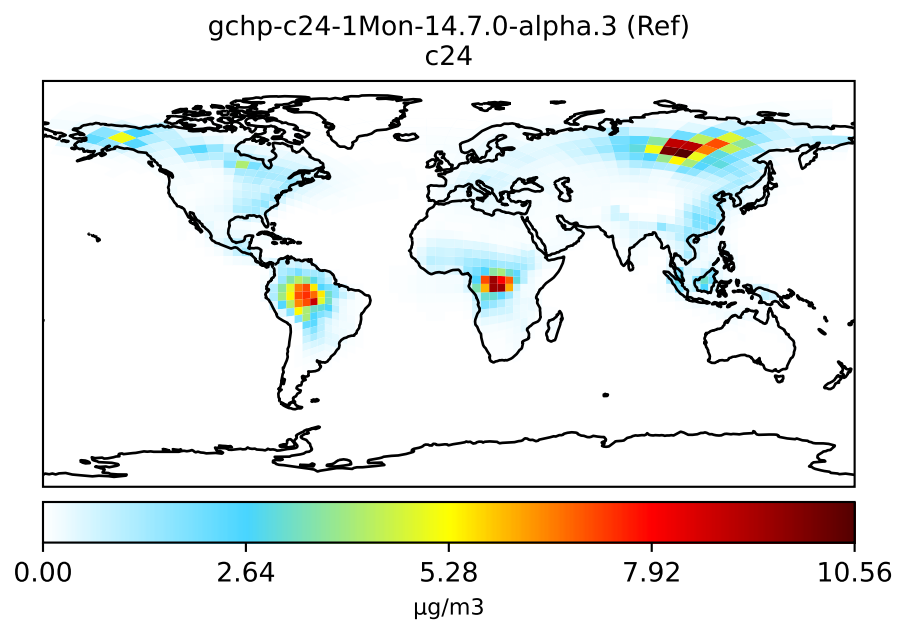
SpeciesConcVV_OCPI



SpeciesConcVV_OCPO

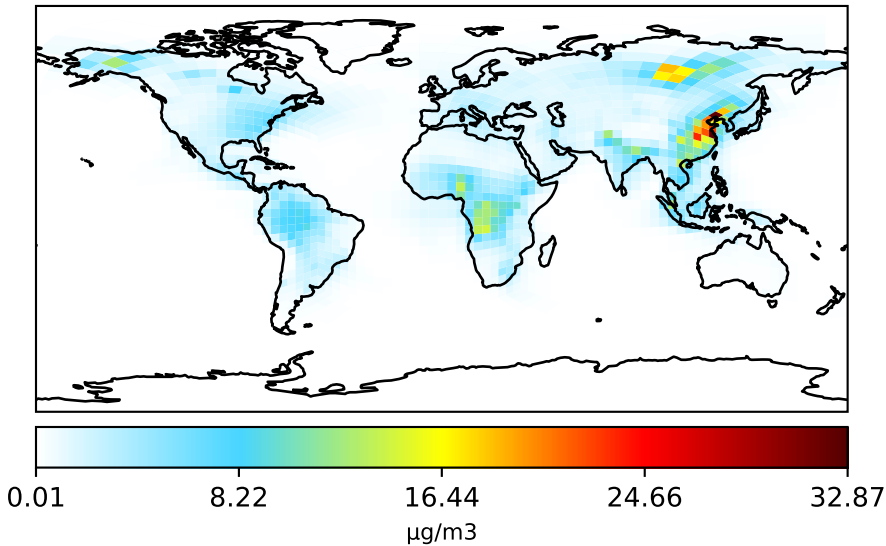


SpeciesConcVV_Complex_SOA

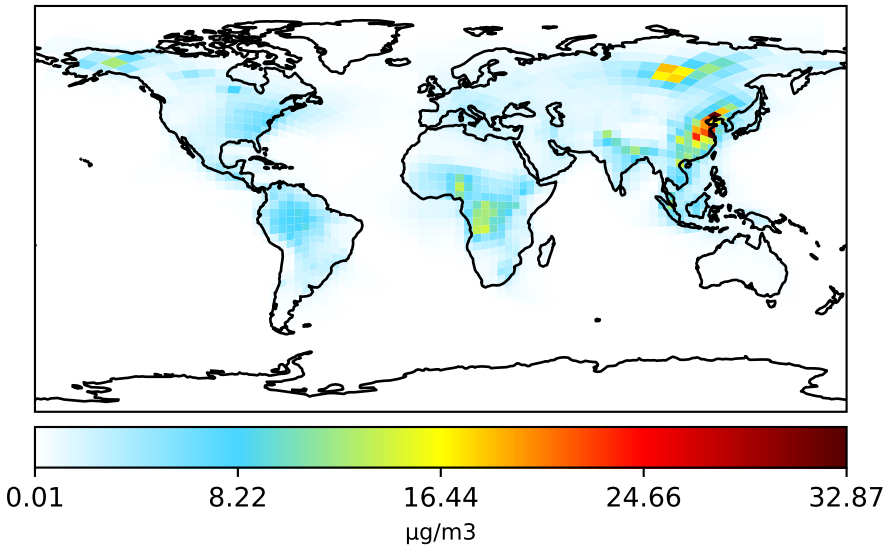


SpeciesConcVV_Simple_SOA

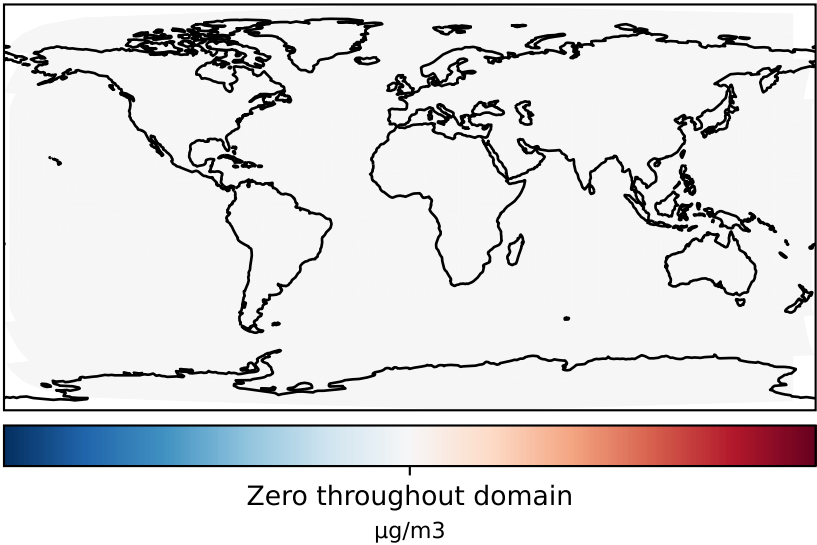
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



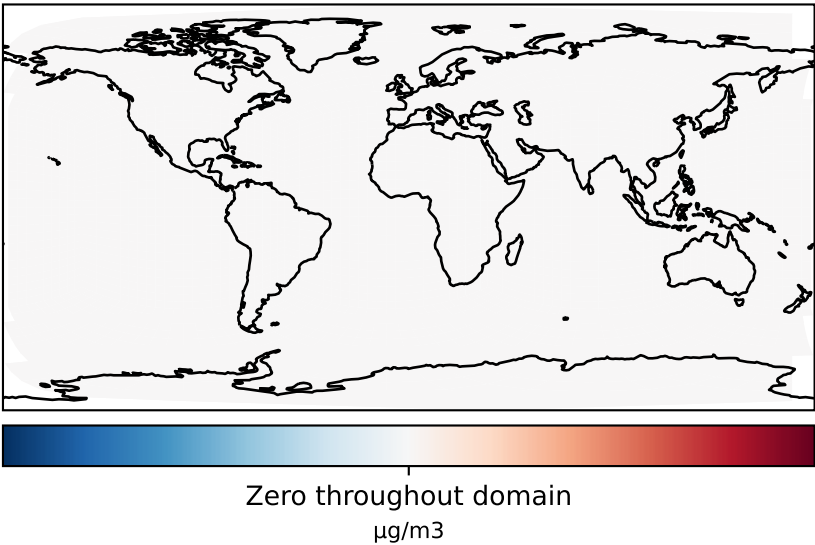
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



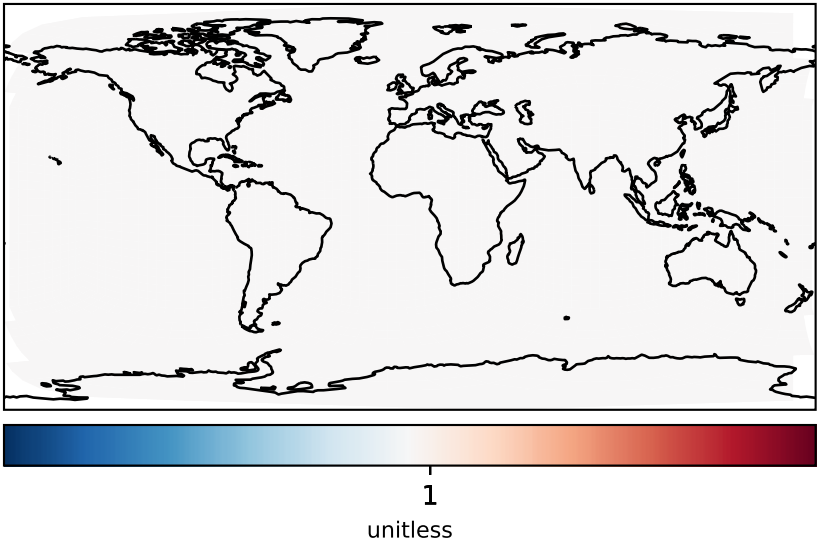
Difference
Dev - Ref, Dynamic Range



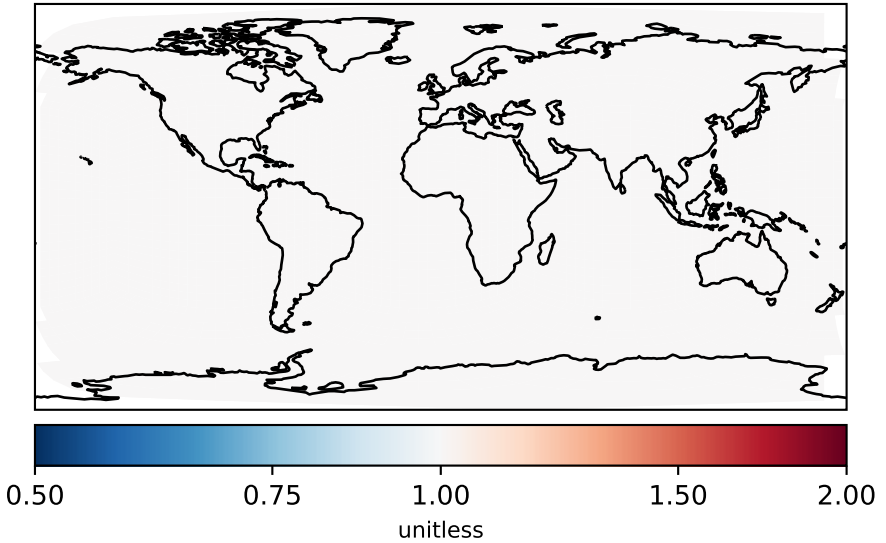
Difference
Dev - Ref, Restricted Range [5%,95%]



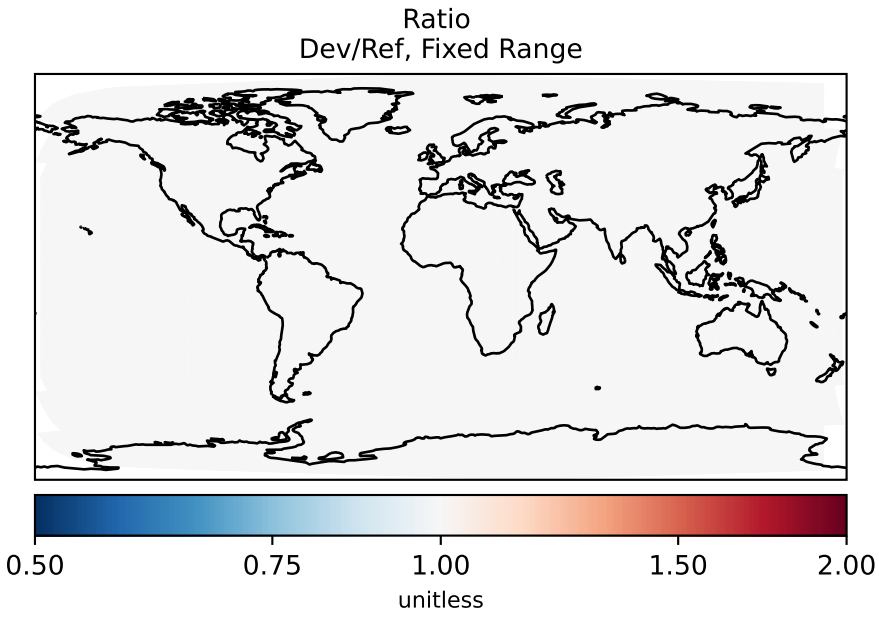
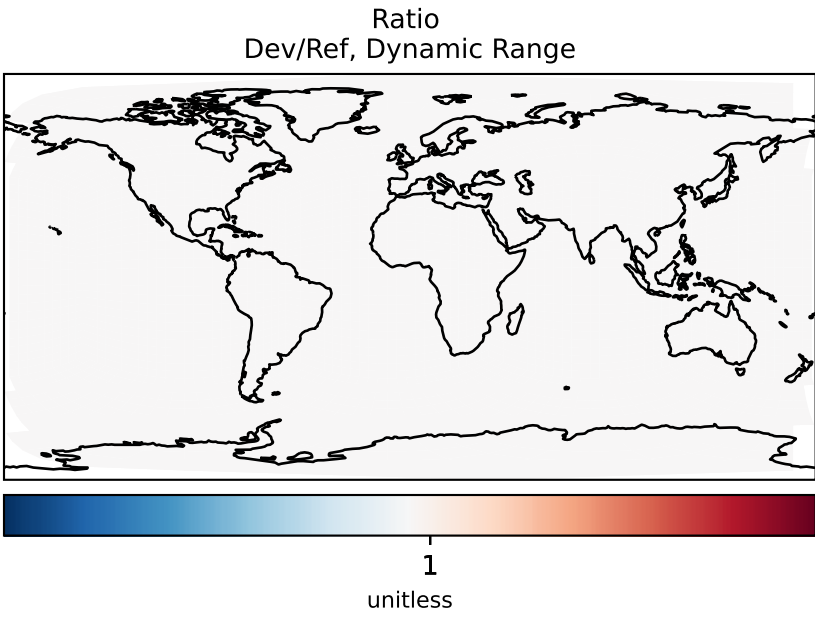
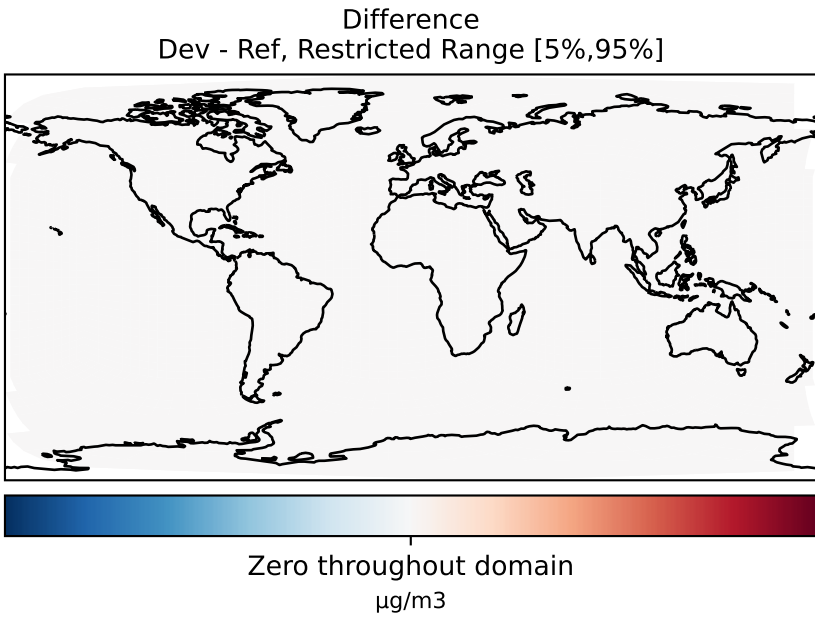
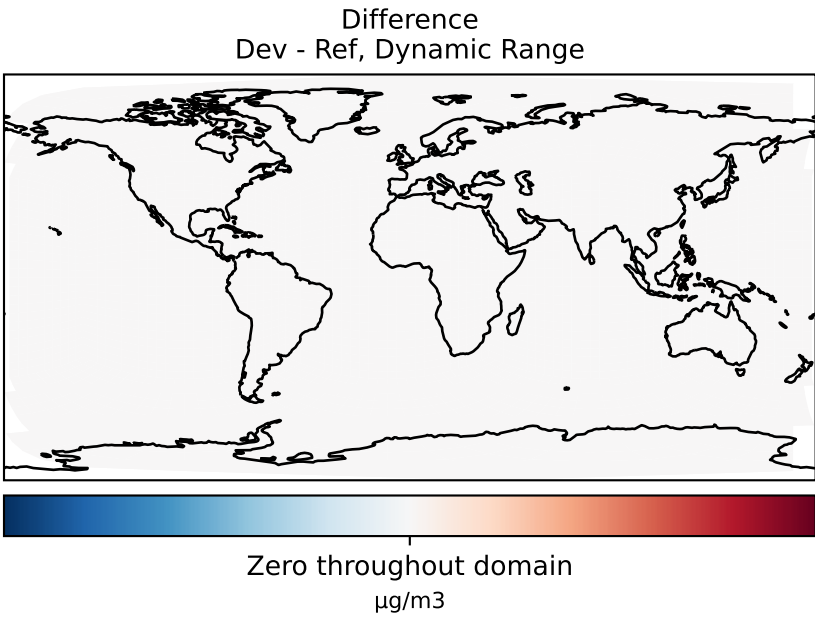
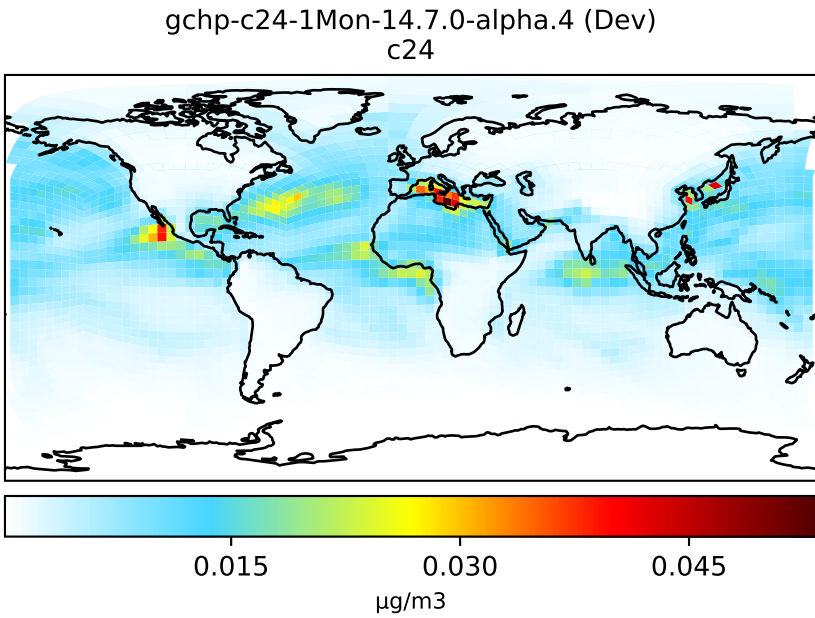
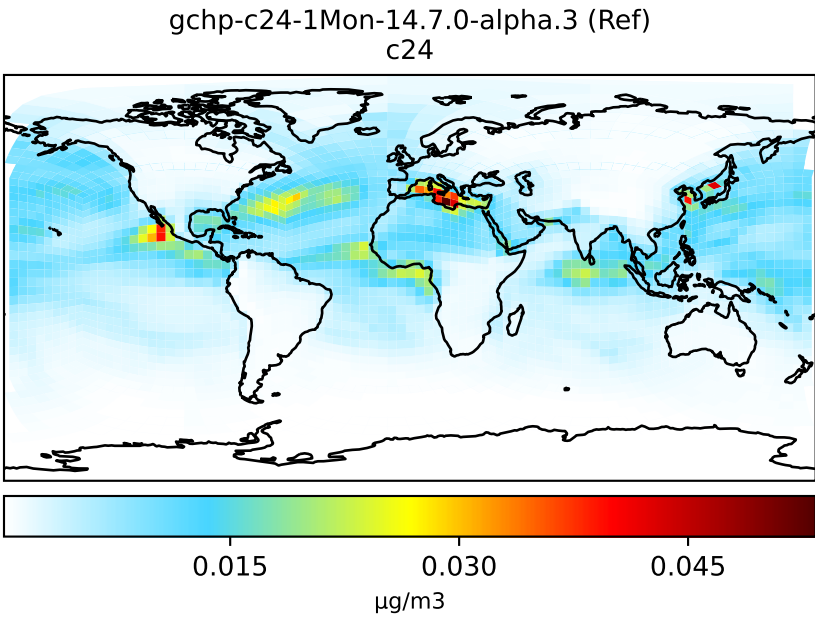
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

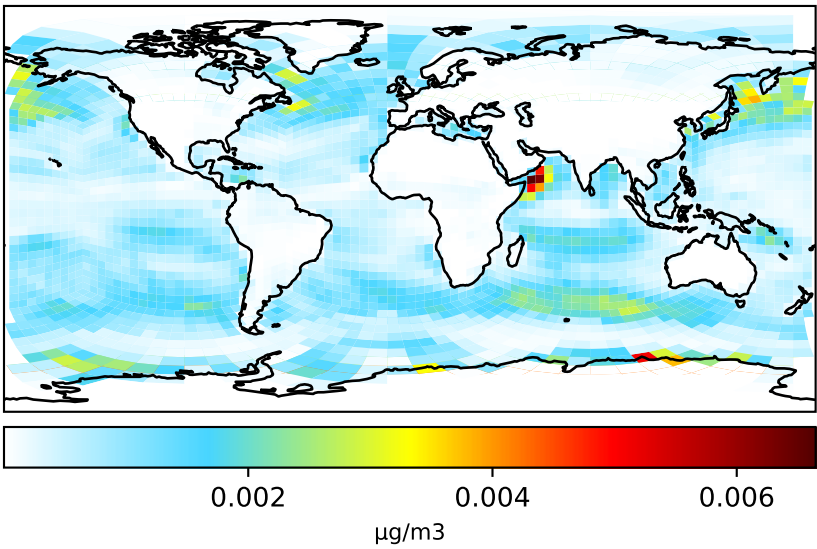


SpeciesConcVV_AERI

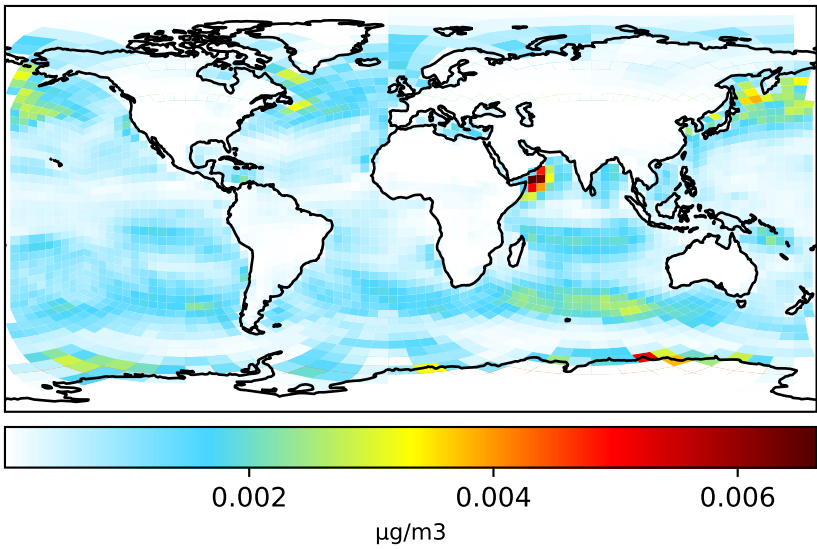


SpeciesConcVW_BrSALA

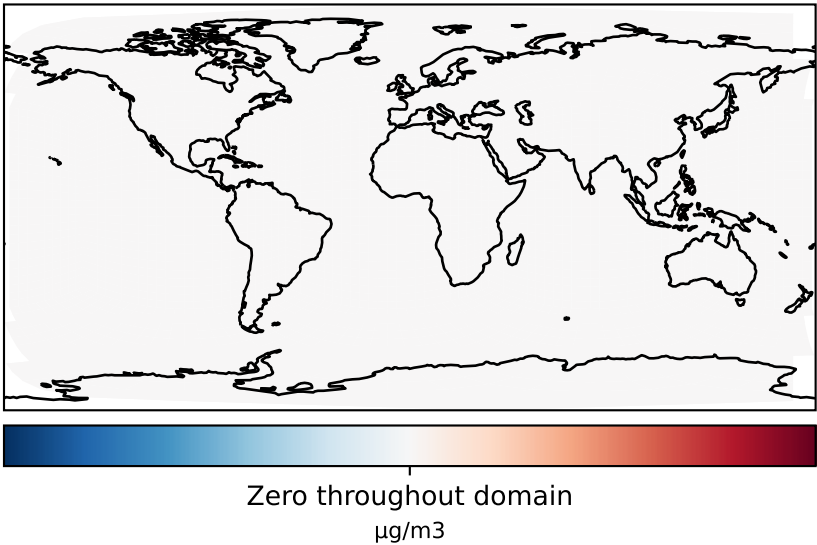
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



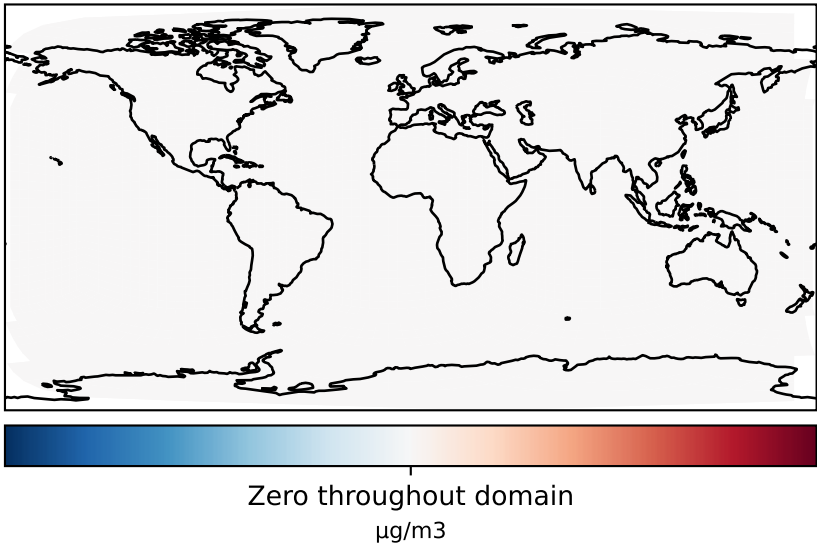
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



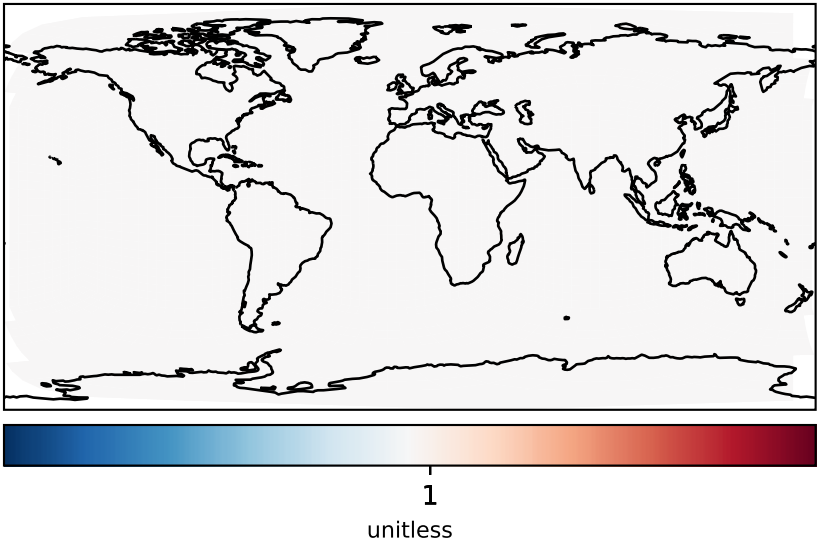
Difference
Dev - Ref, Dynamic Range



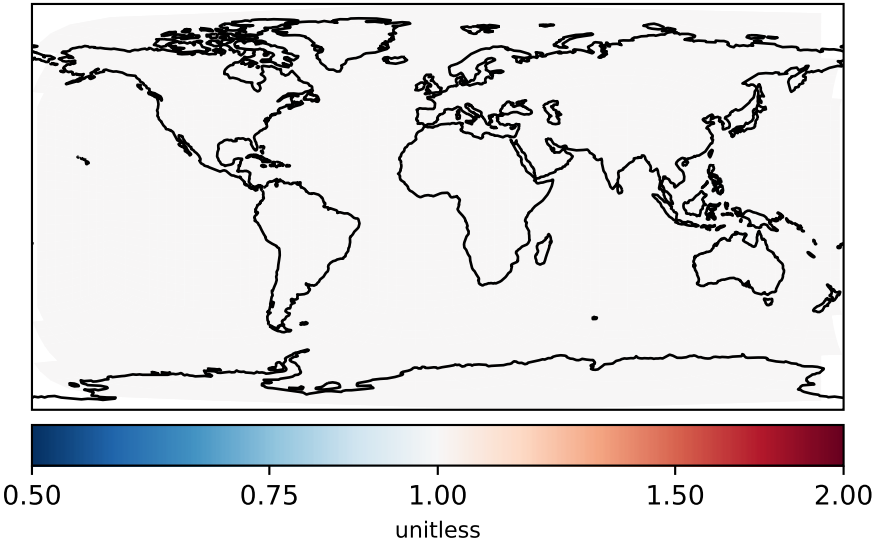
Difference
Dev - Ref, Restricted Range [5%,95%]



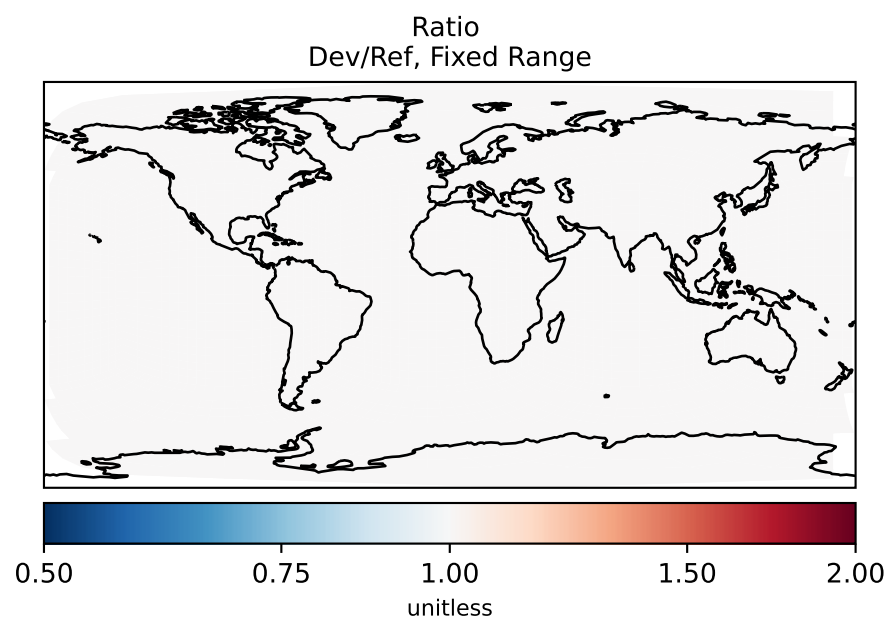
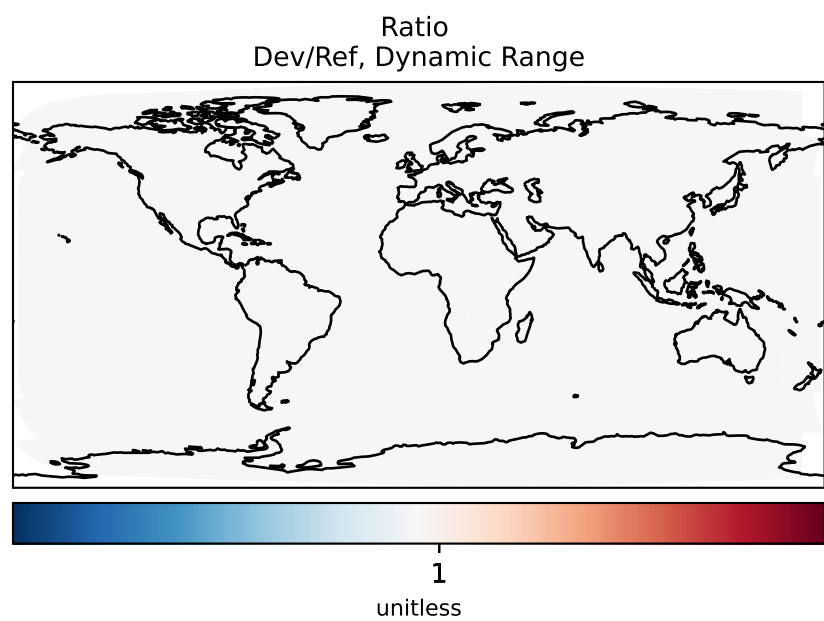
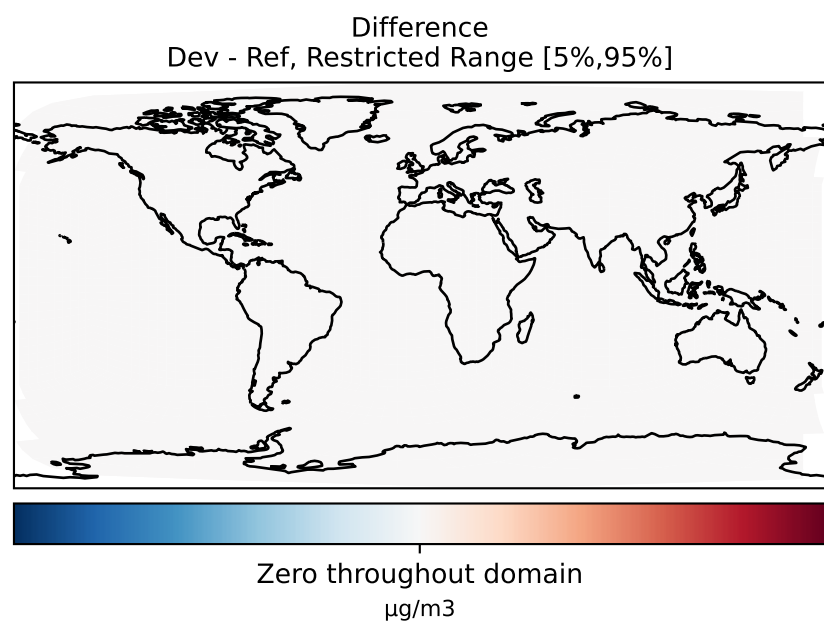
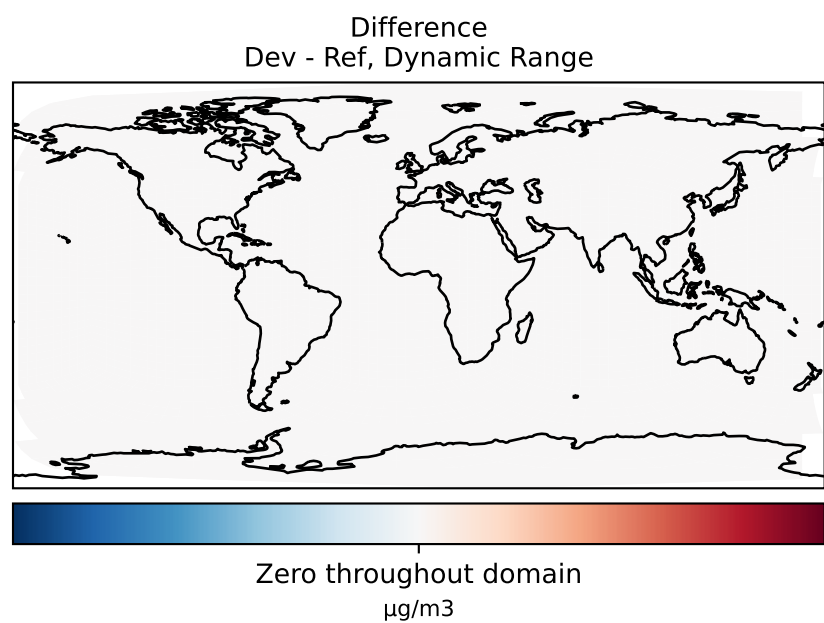
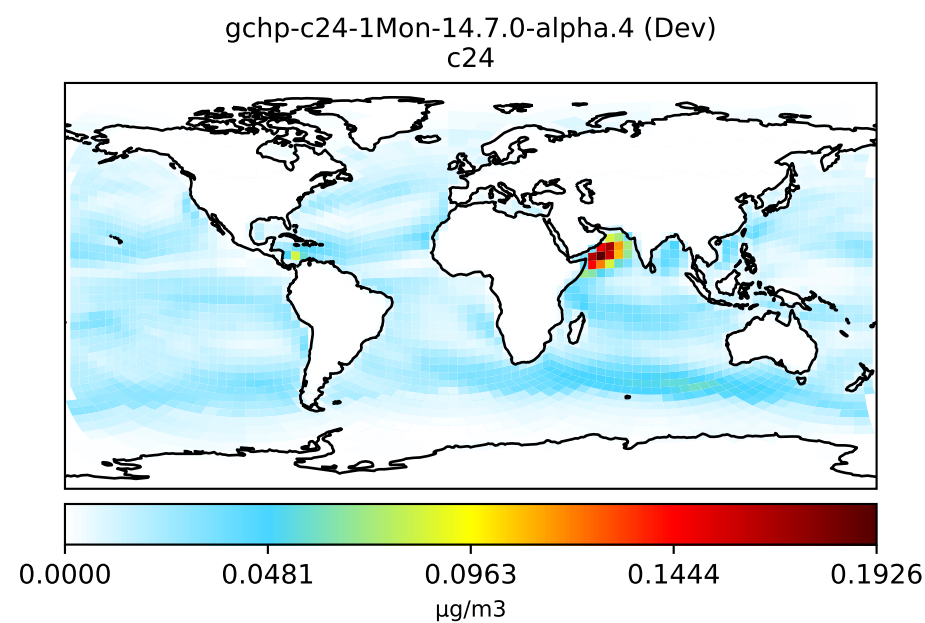
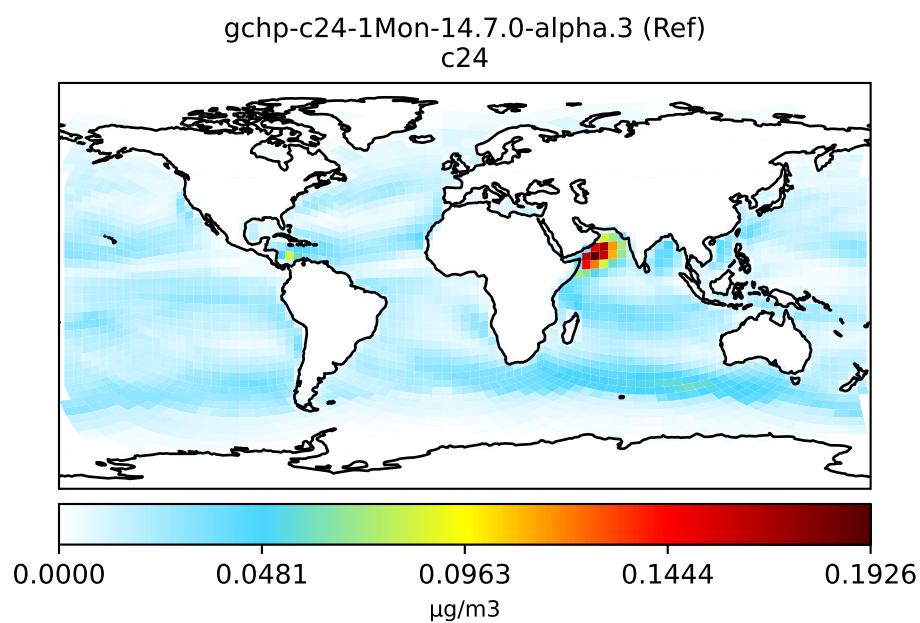
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

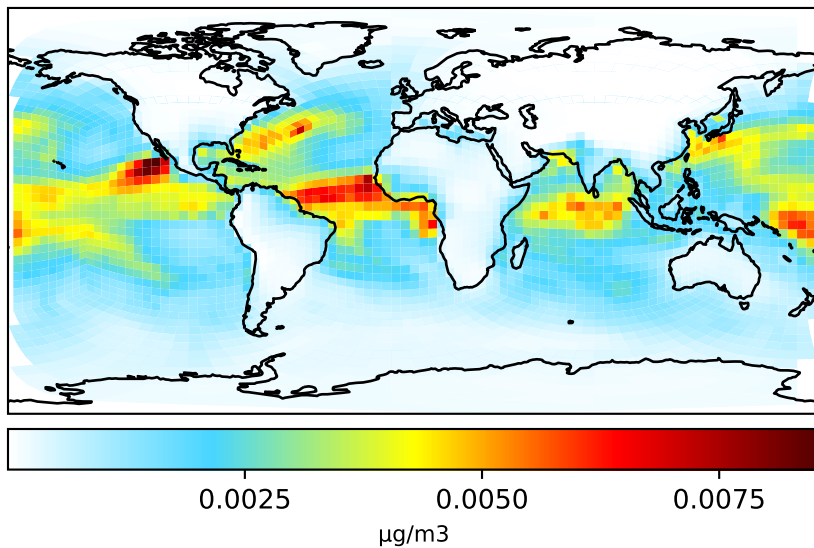


SpeciesConcVW_BrSALC

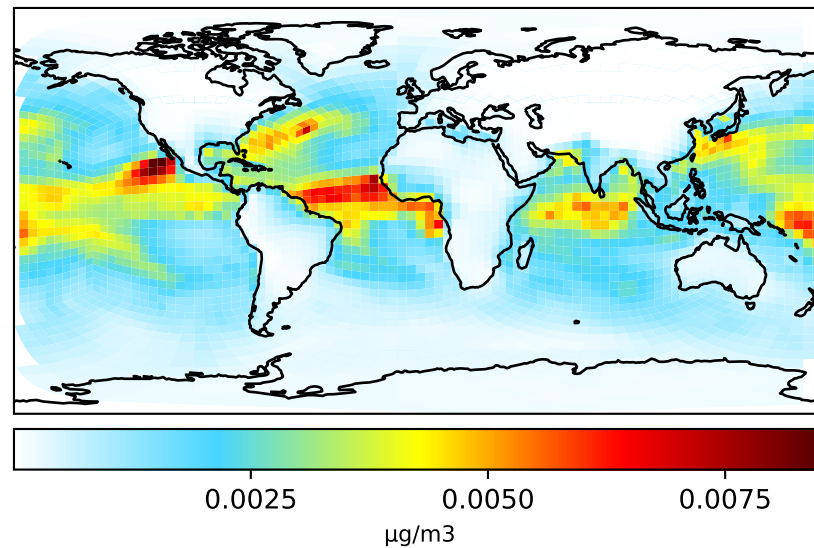


SpeciesConcVV_ISALA

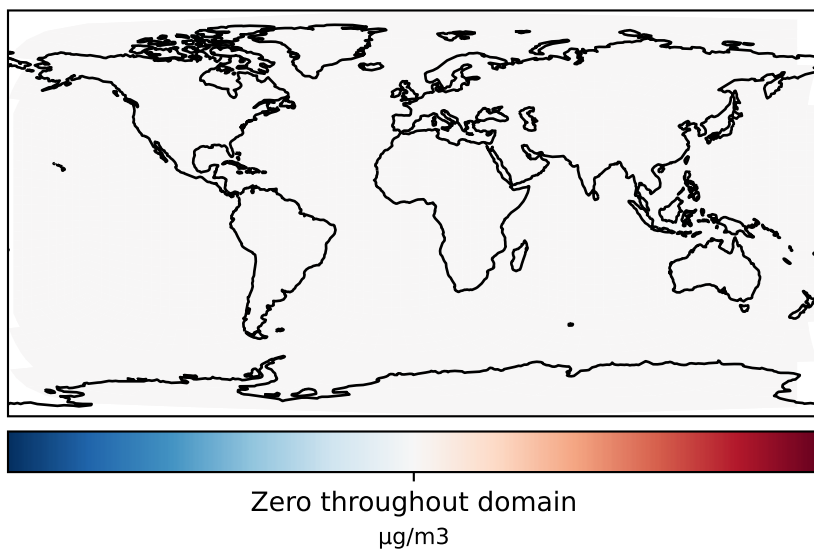
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



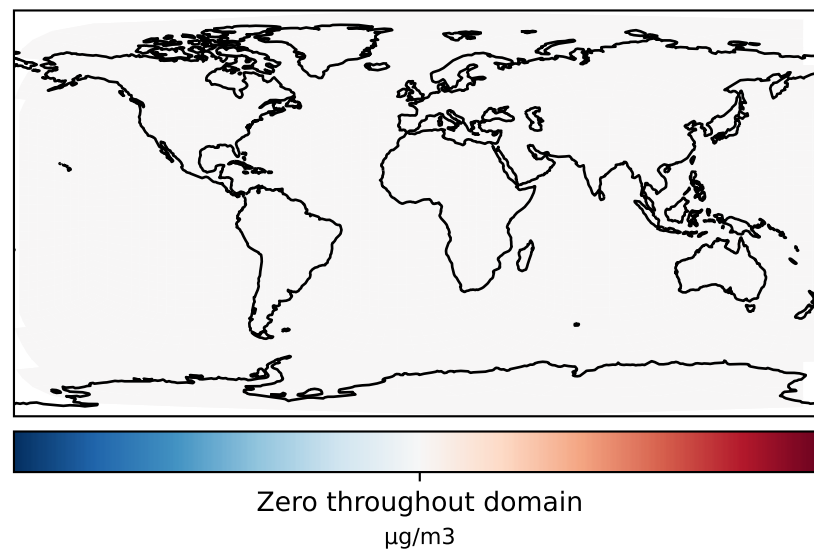
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



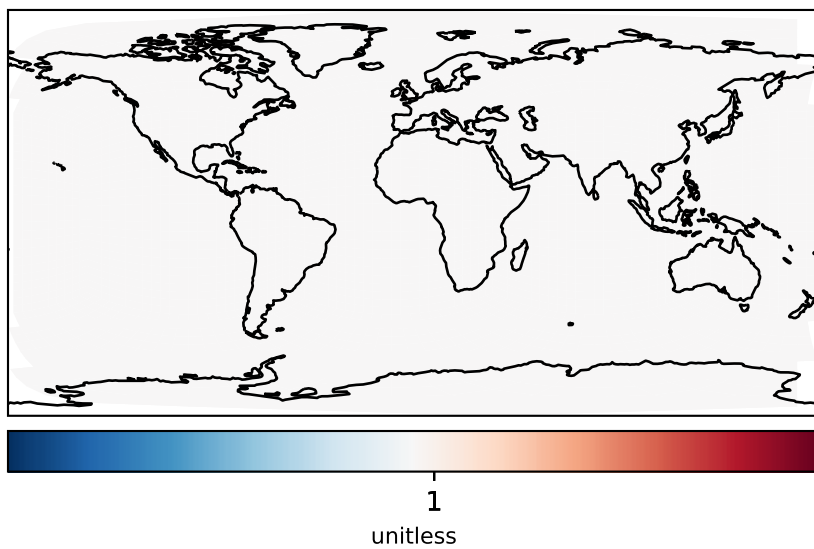
Difference
Dev - Ref, Dynamic Range



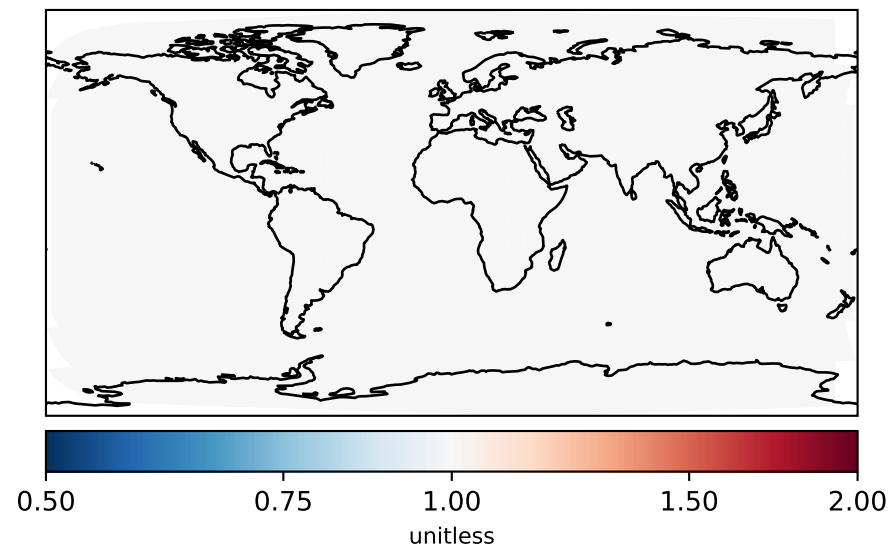
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

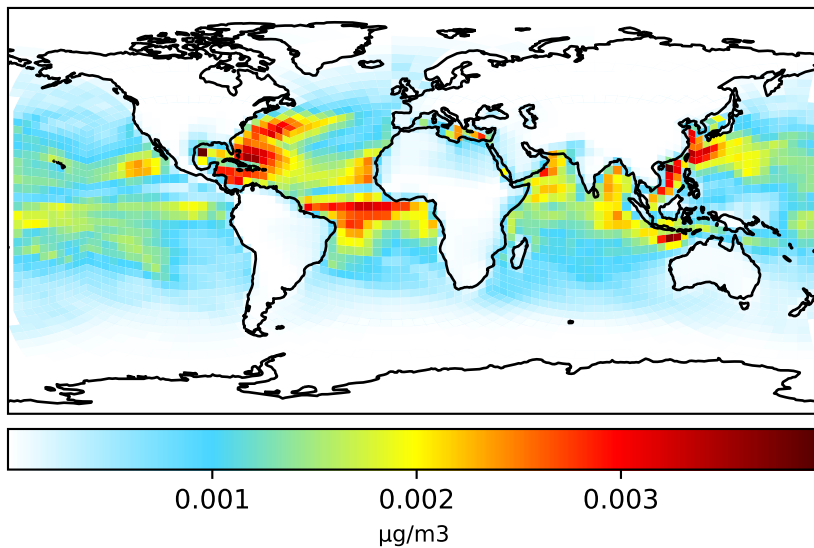


Ratio
Dev/Ref, Fixed Range

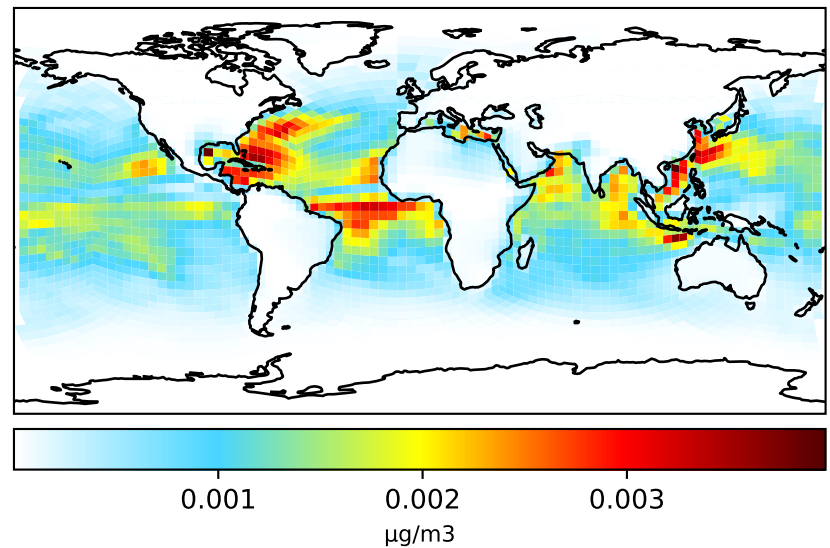


SpeciesConcVV_ISALC

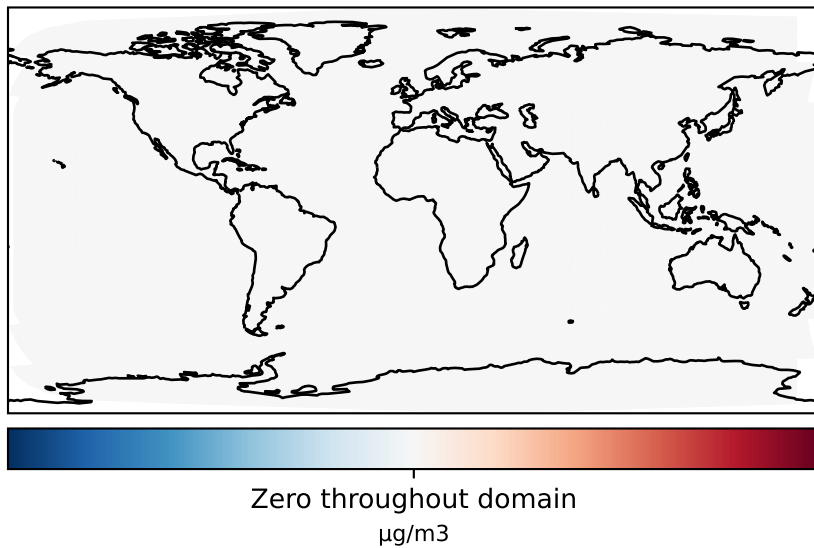
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



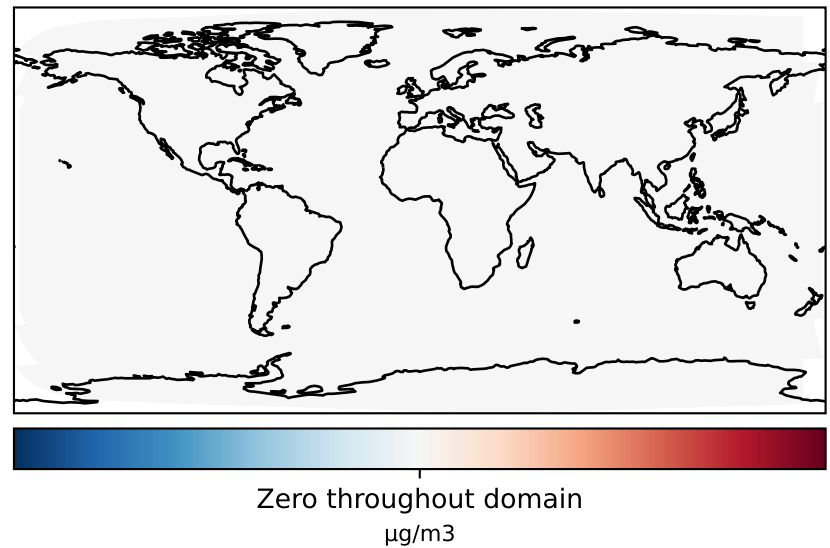
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



Difference
Dev - Ref, Dynamic Range



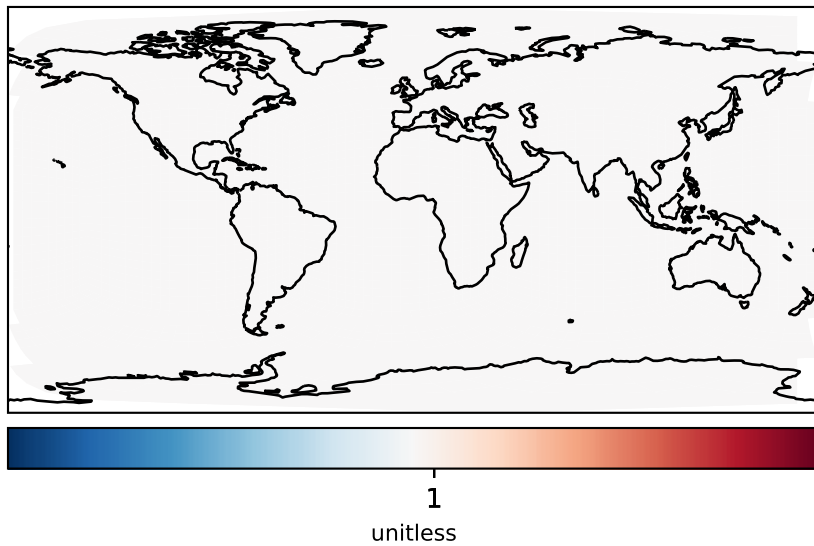
Difference
Dev - Ref, Restricted Range [5%,95%]



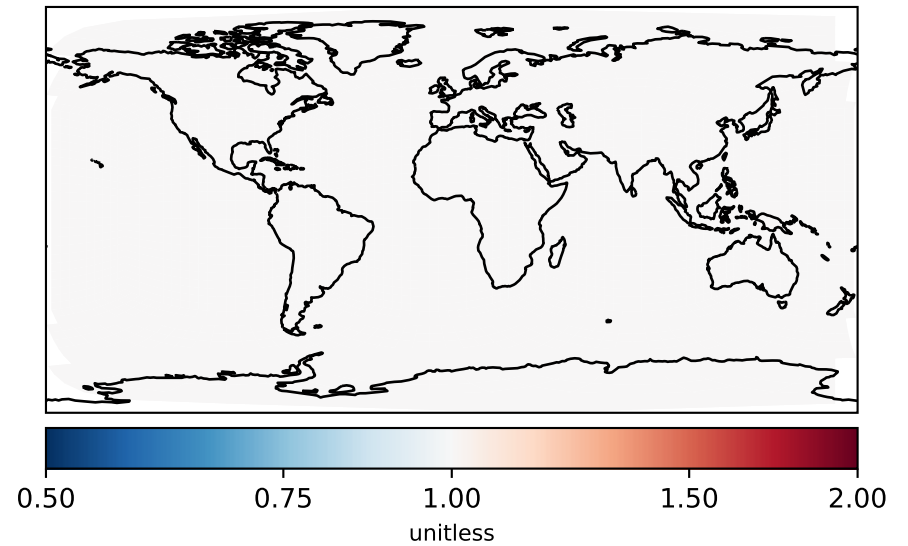
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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

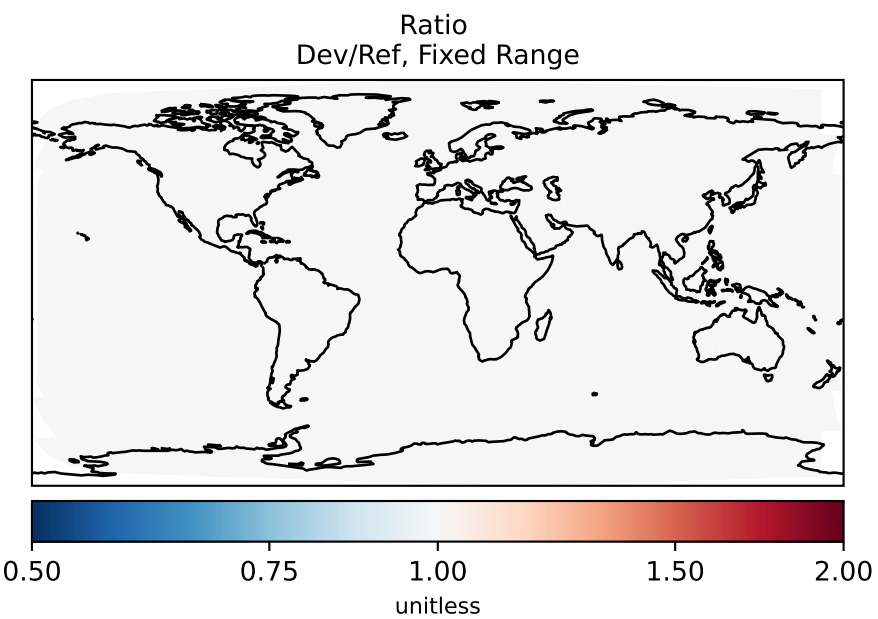
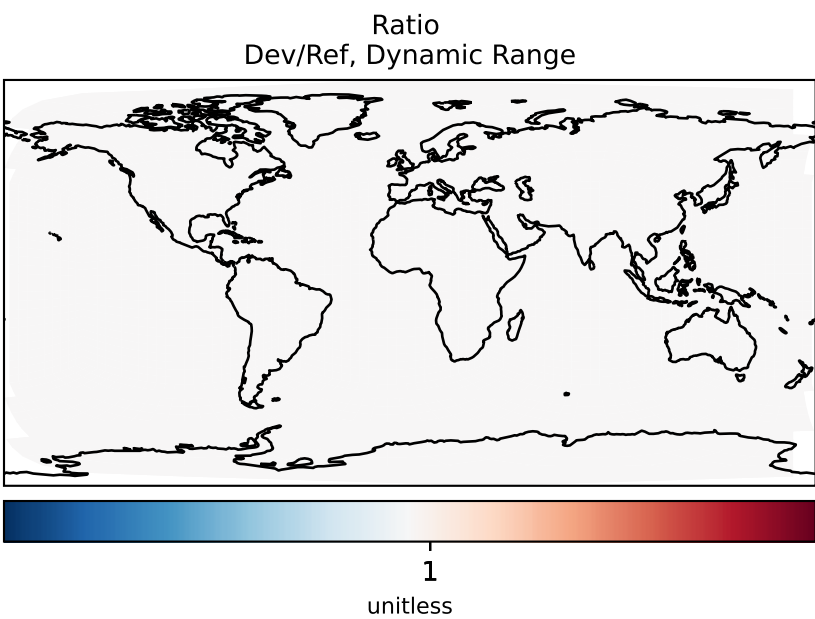
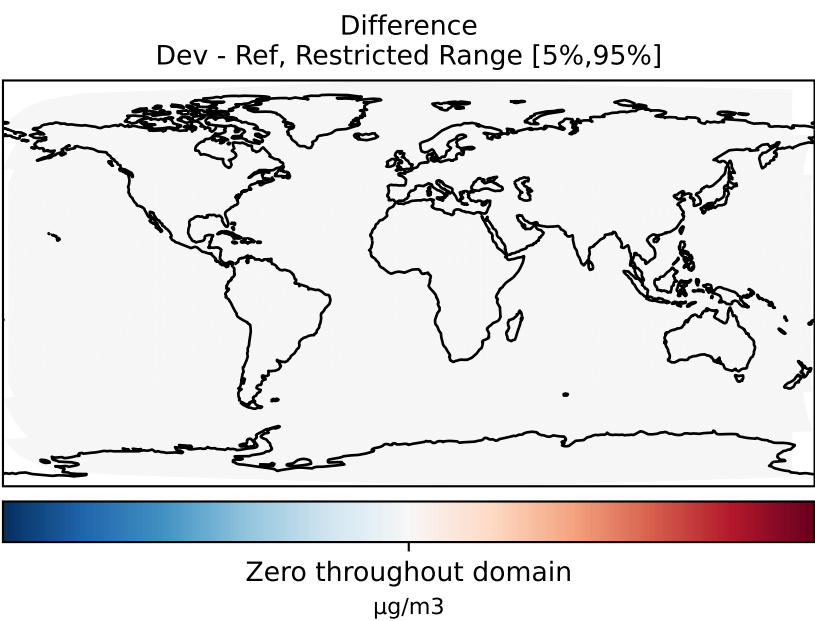
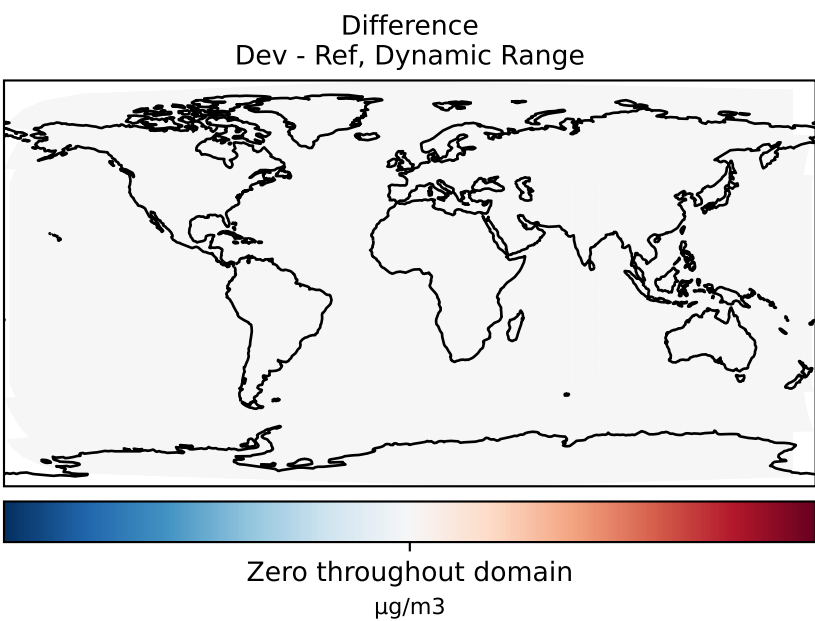
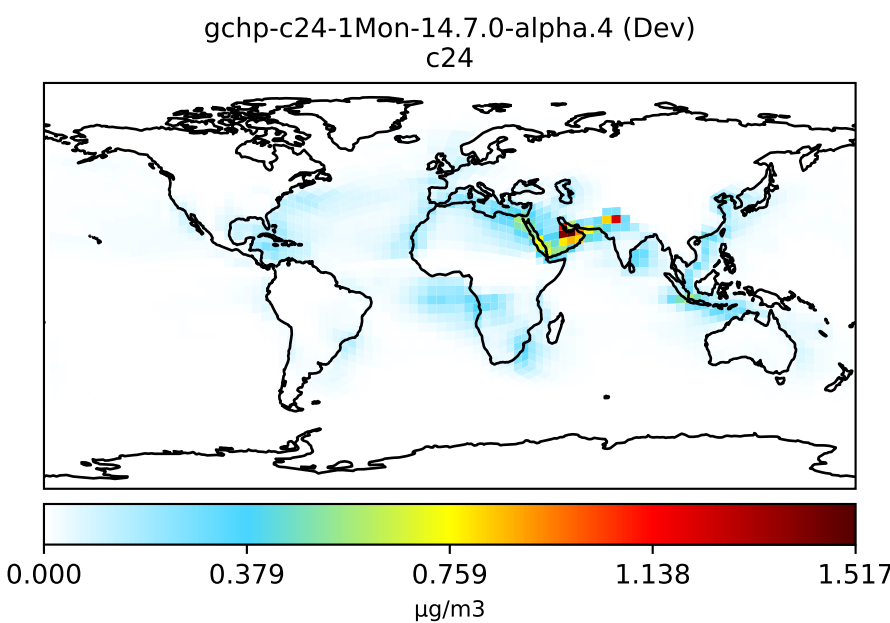
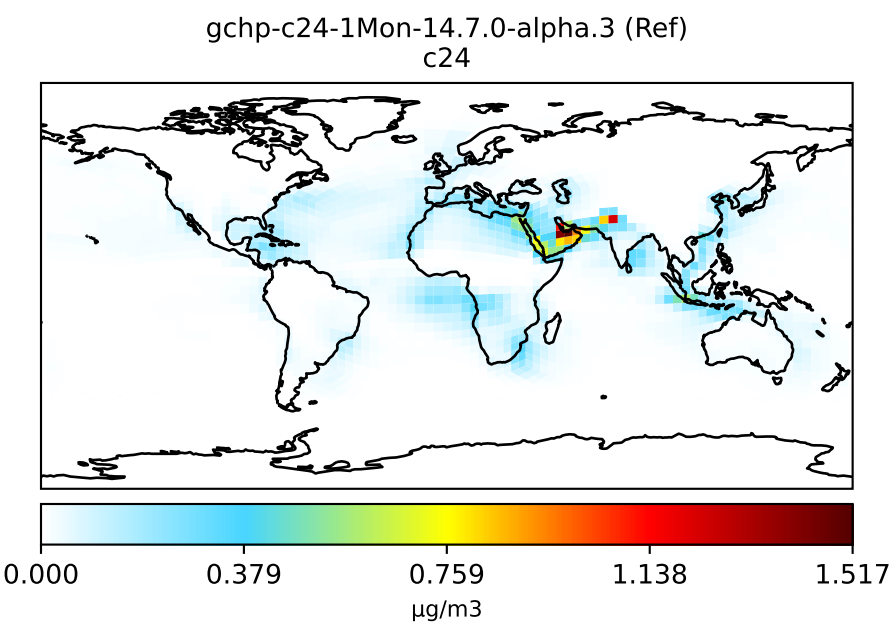
Ratio
Dev/Ref, Dynamic Range



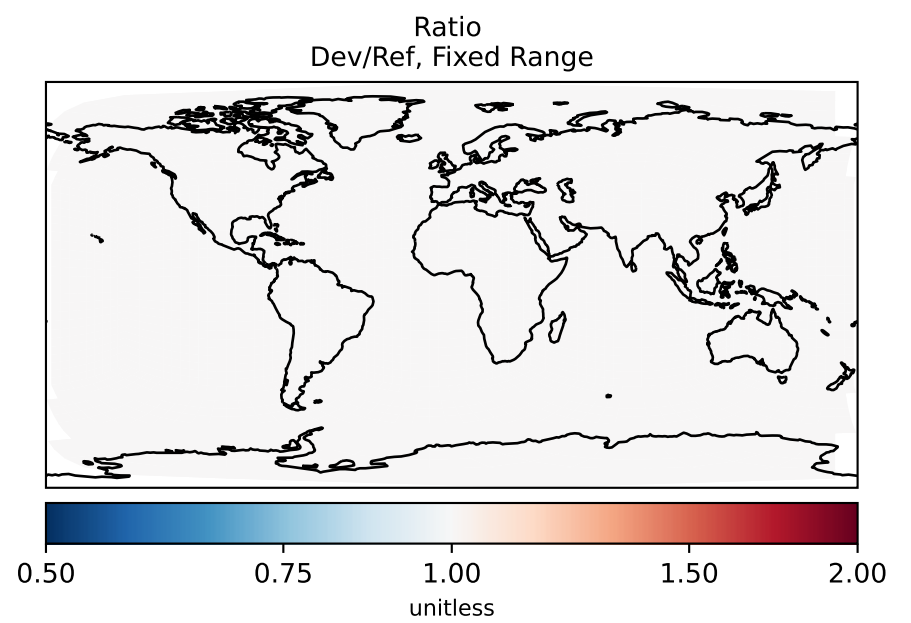
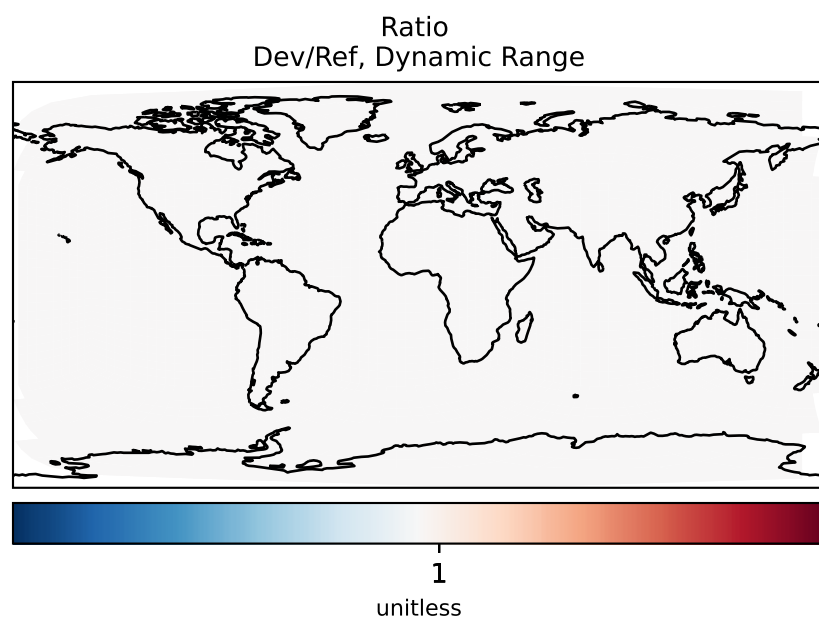
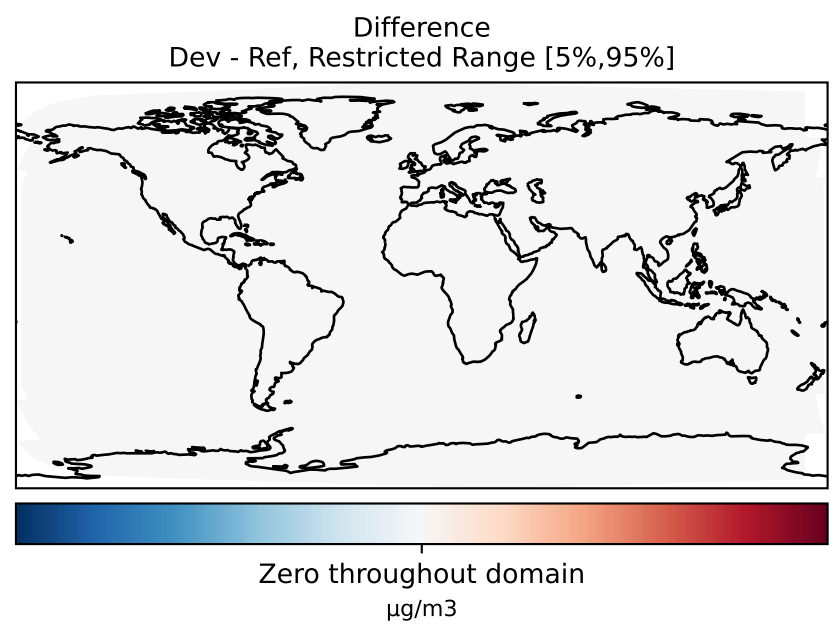
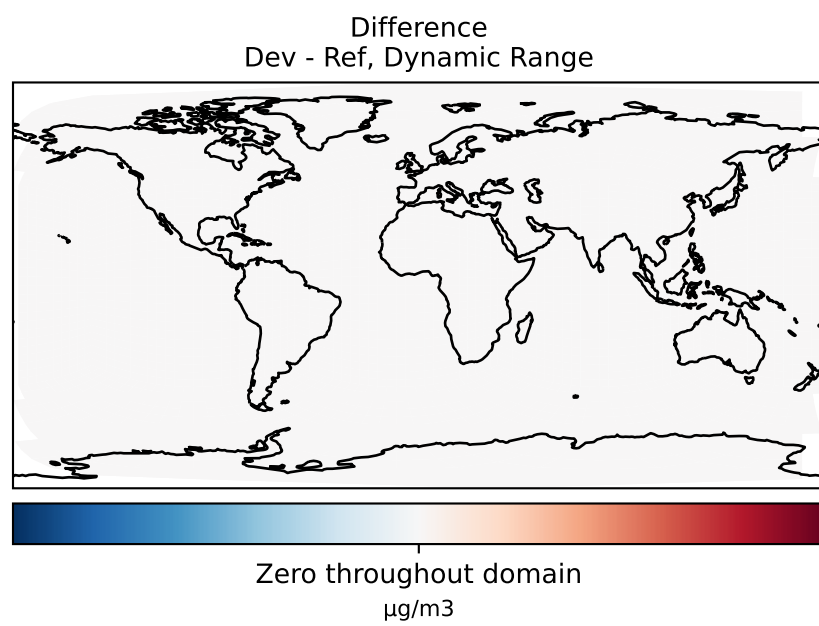
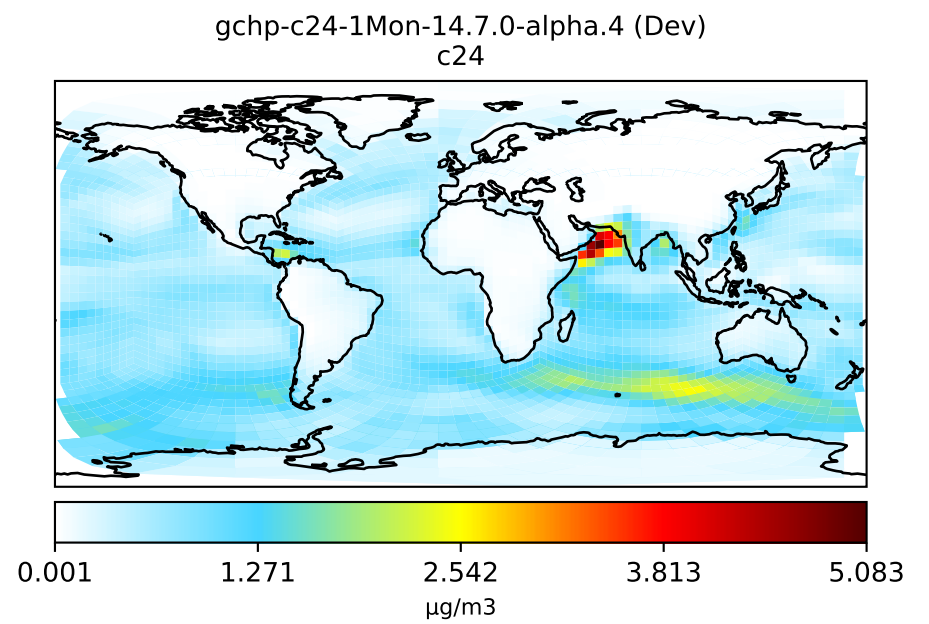
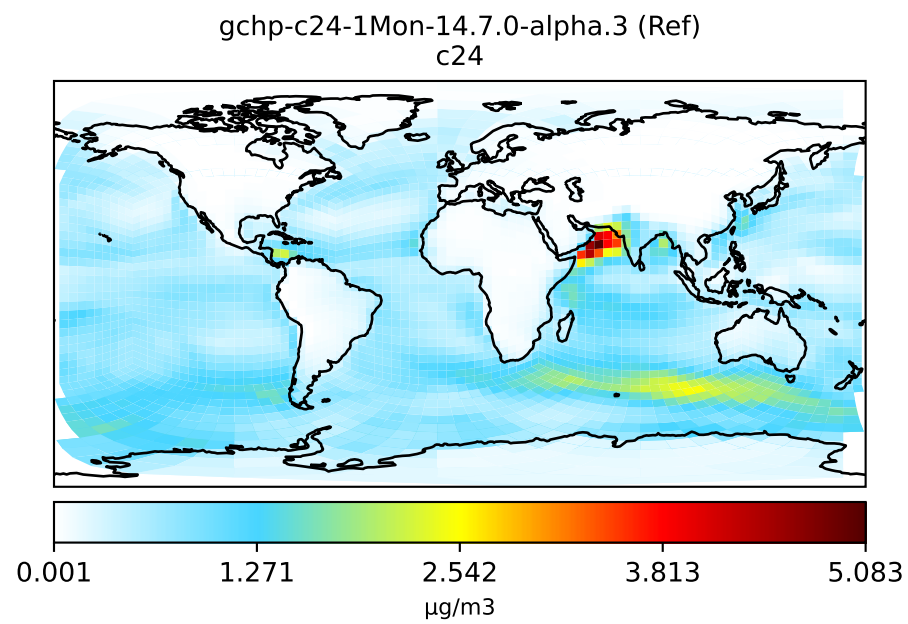
Ratio
Dev/Ref, Fixed Range



SpeciesConcVV_NITs

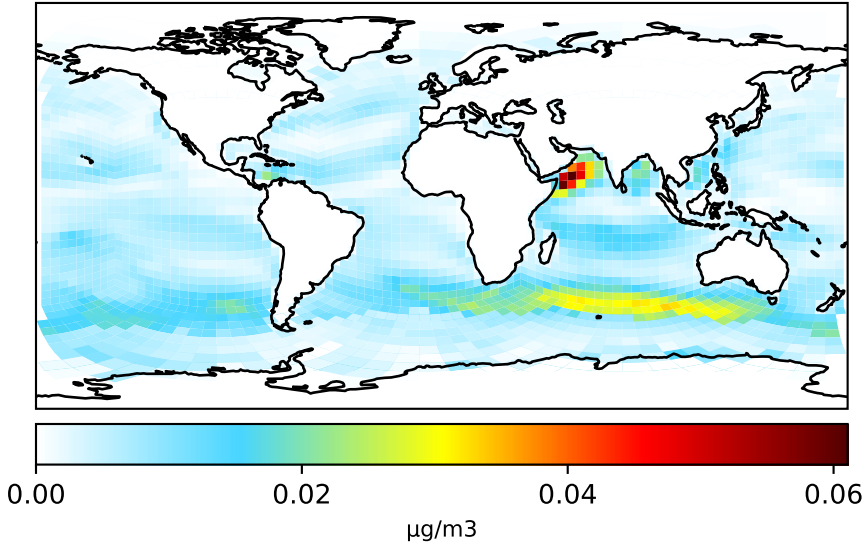


SpeciesConcVV_SALA

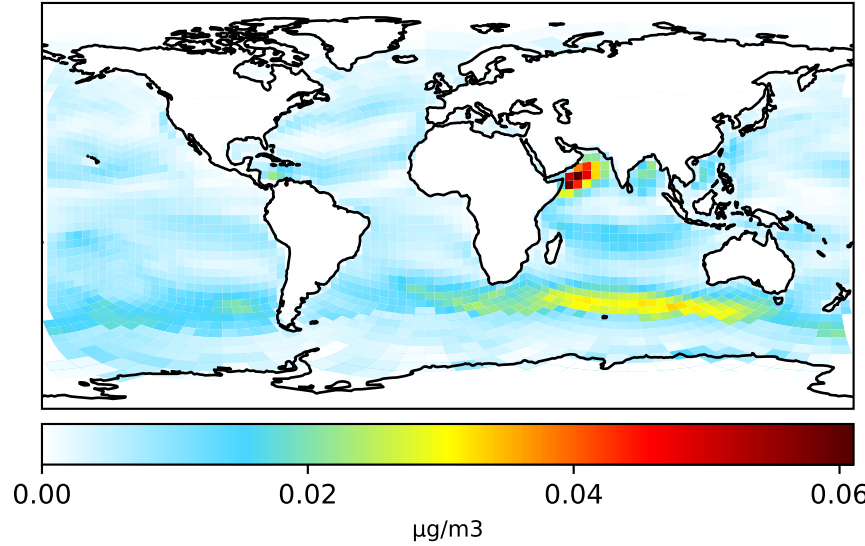


SpeciesConcVV_SALAAL

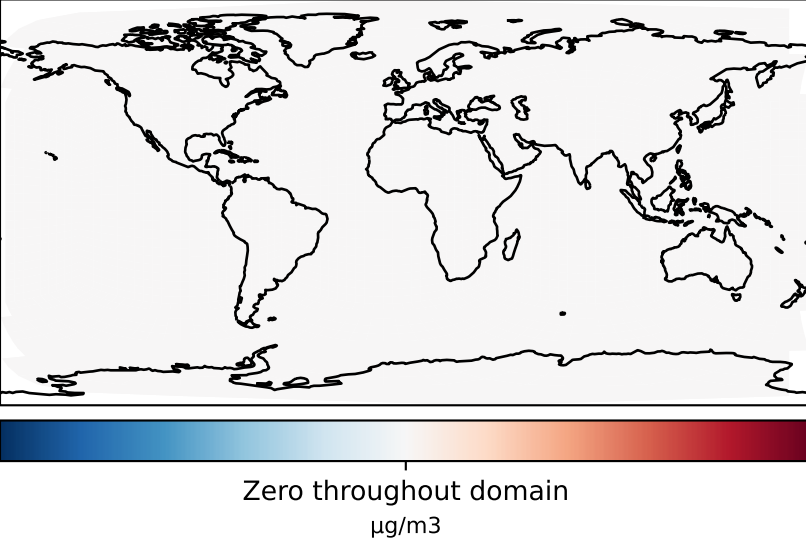
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



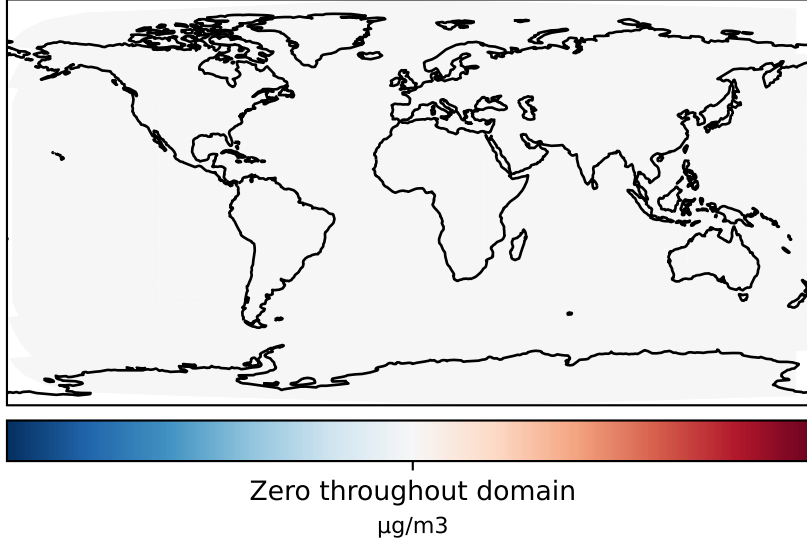
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



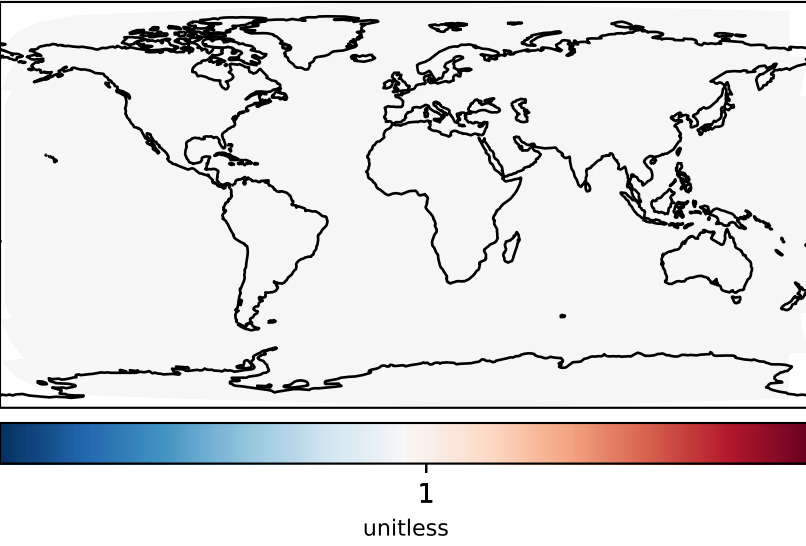
Difference
Dev - Ref, Dynamic Range



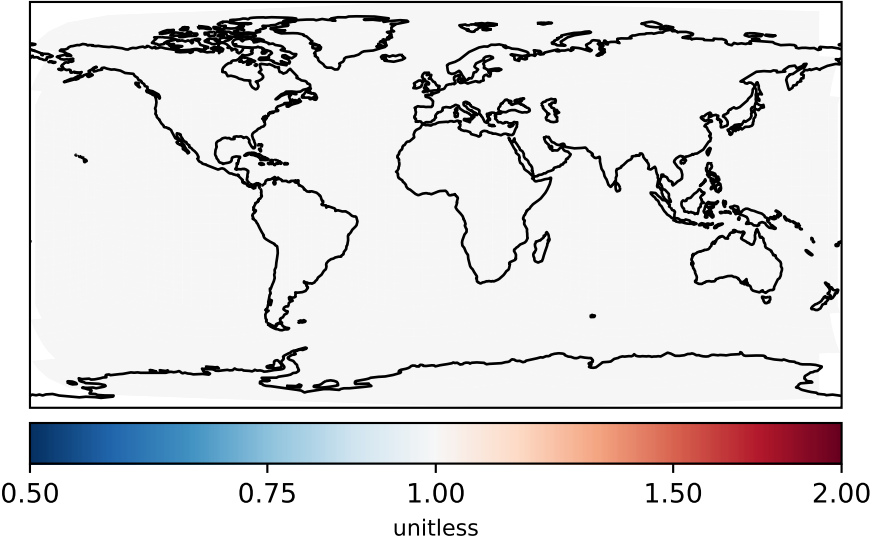
Difference
Dev - Ref, Restricted Range [5%,95%]



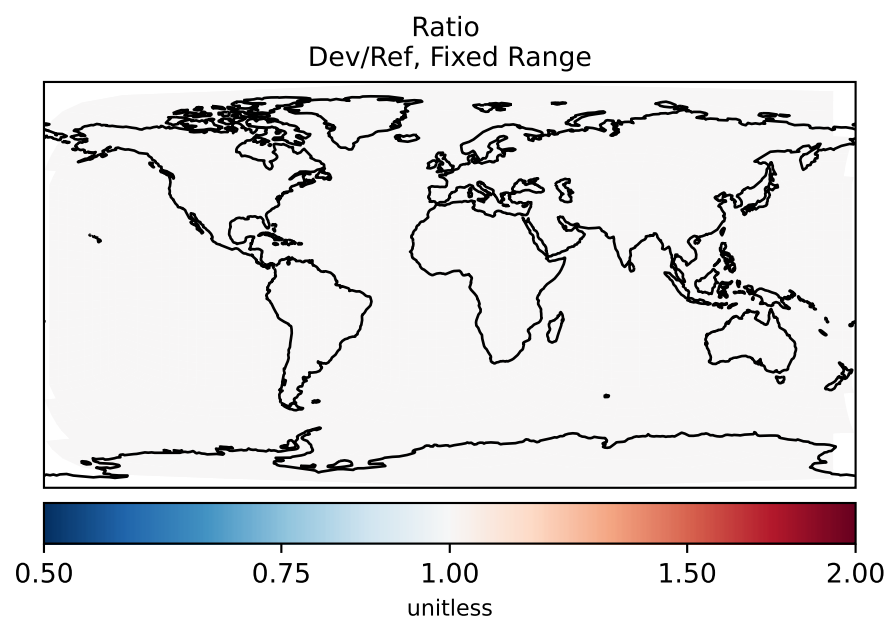
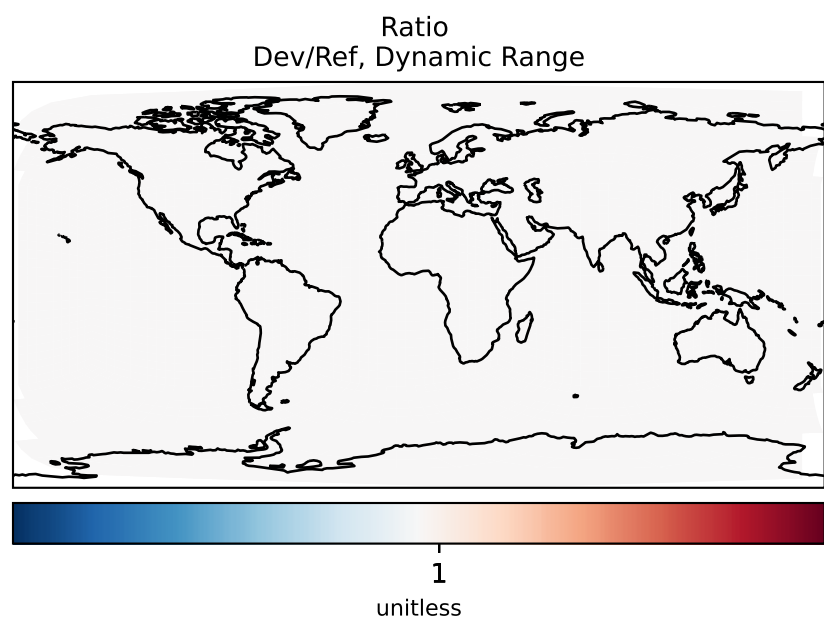
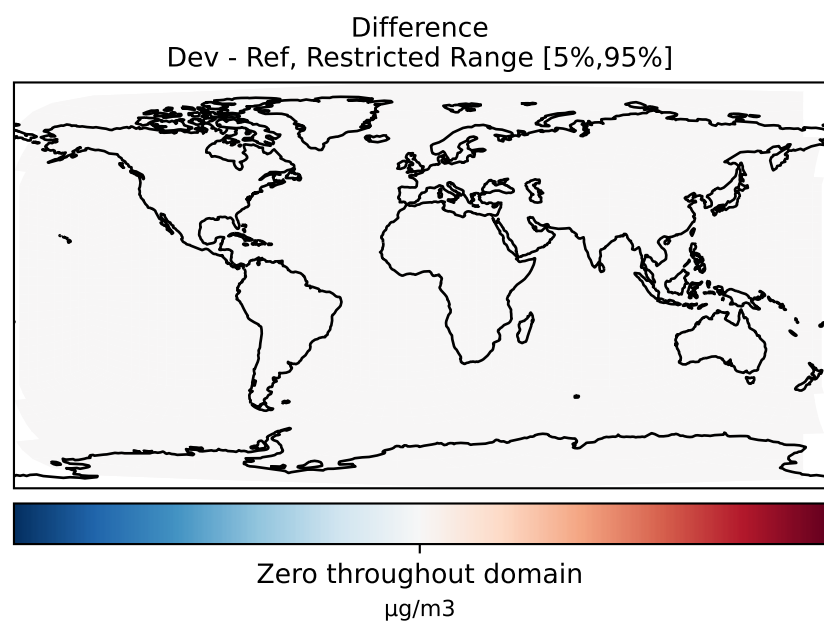
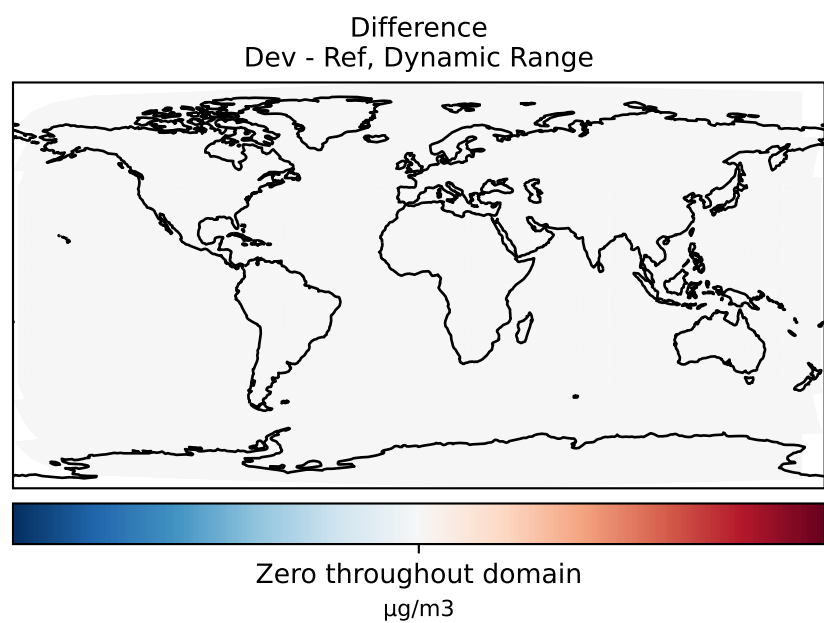
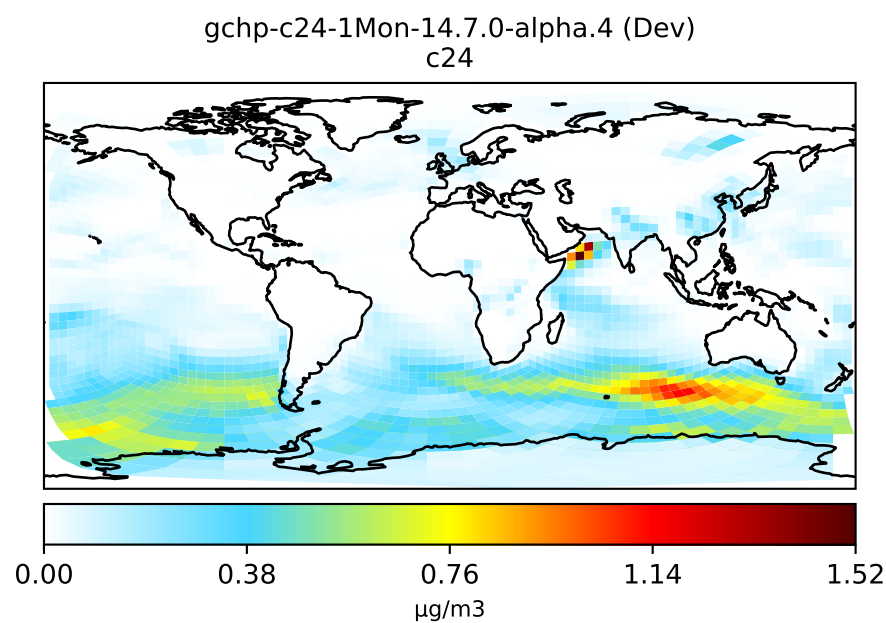
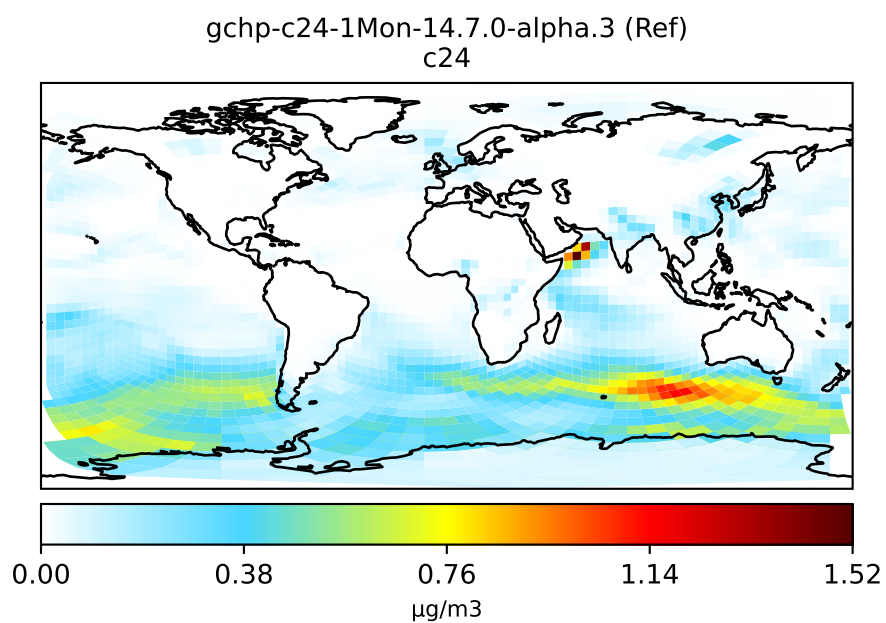
Ratio
Dev/Ref, Dynamic Range



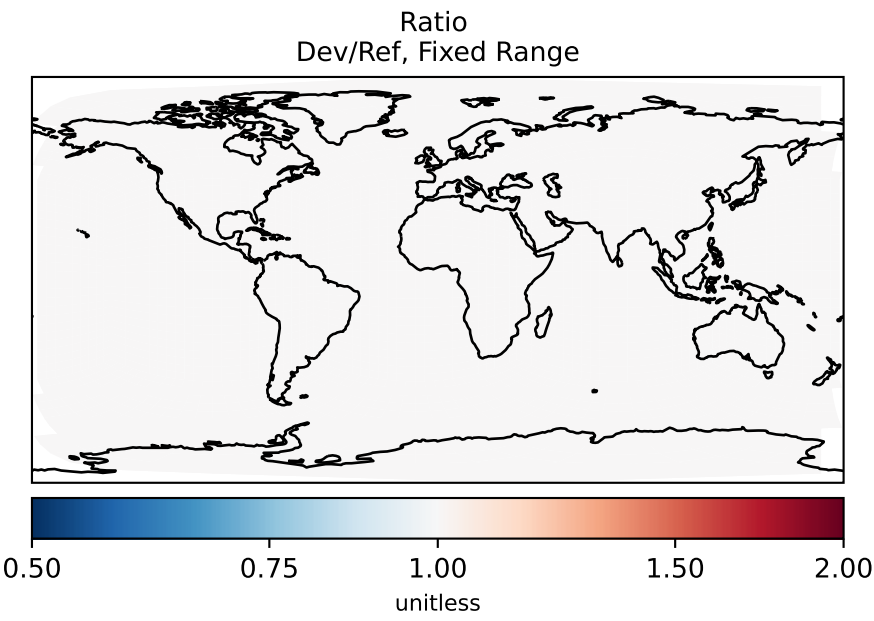
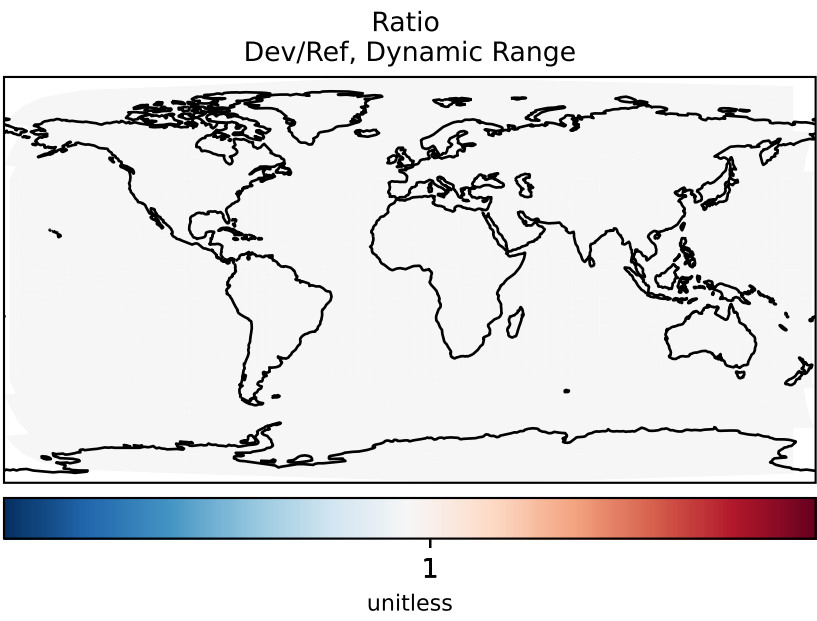
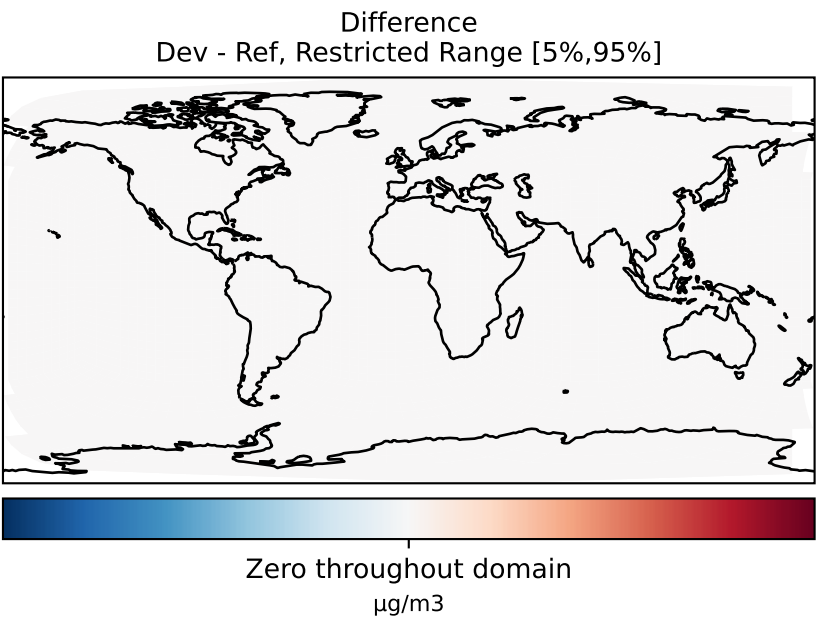
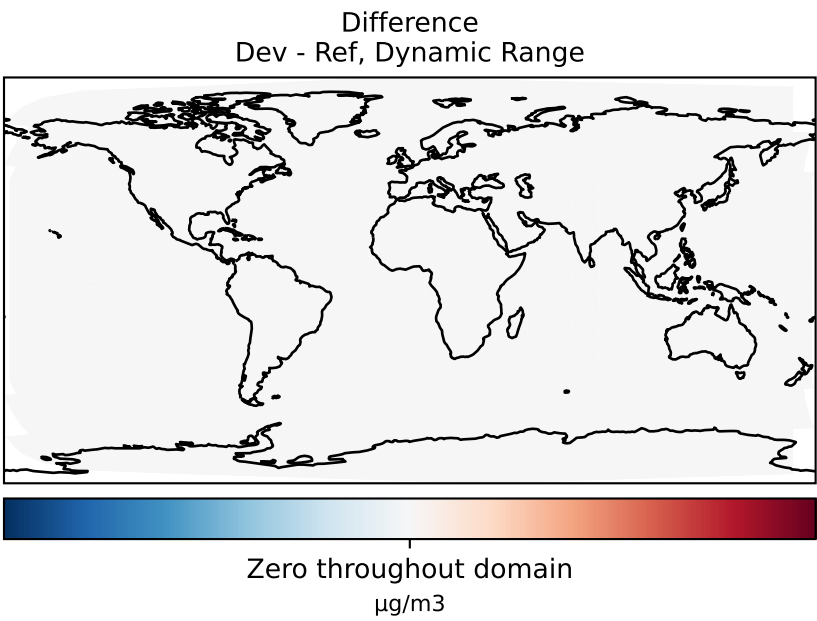
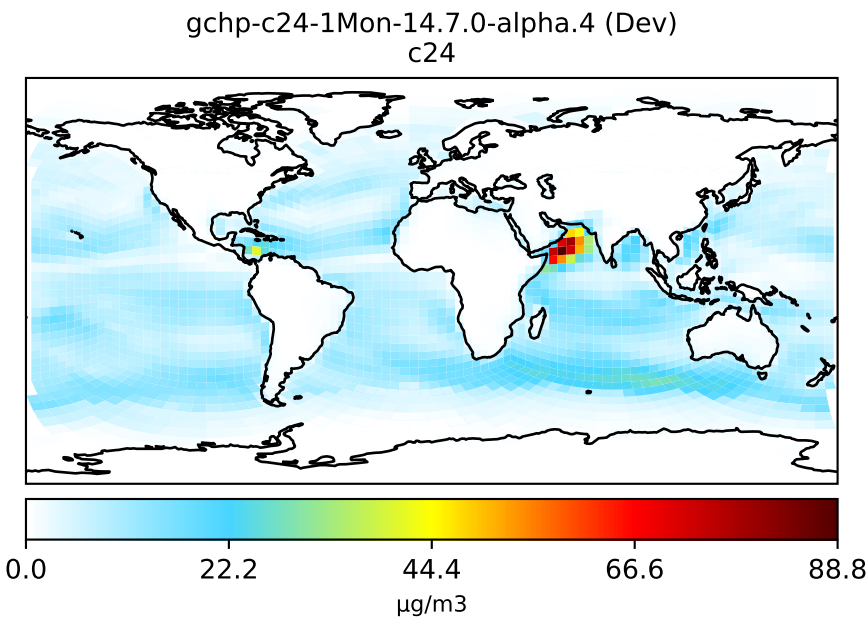
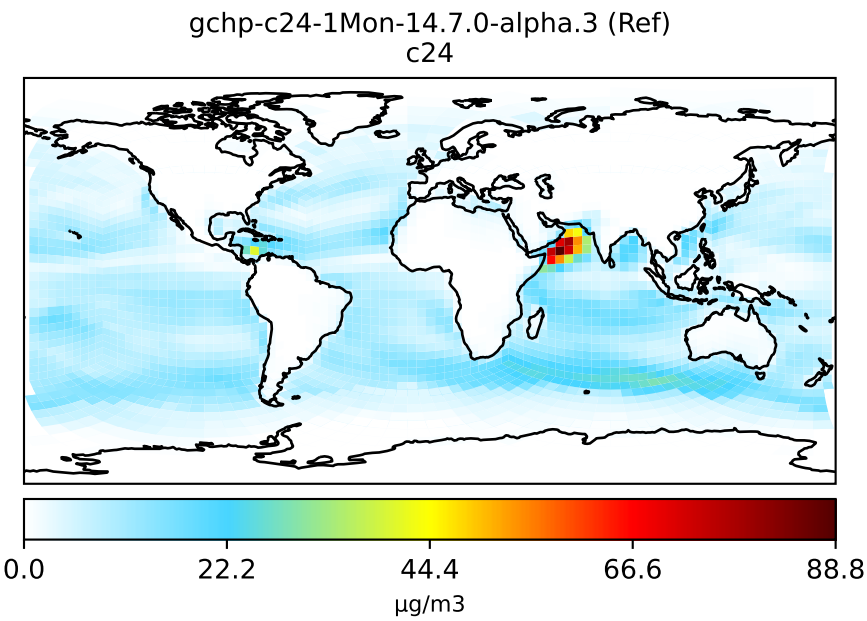
Ratio
Dev/Ref, Fixed Range



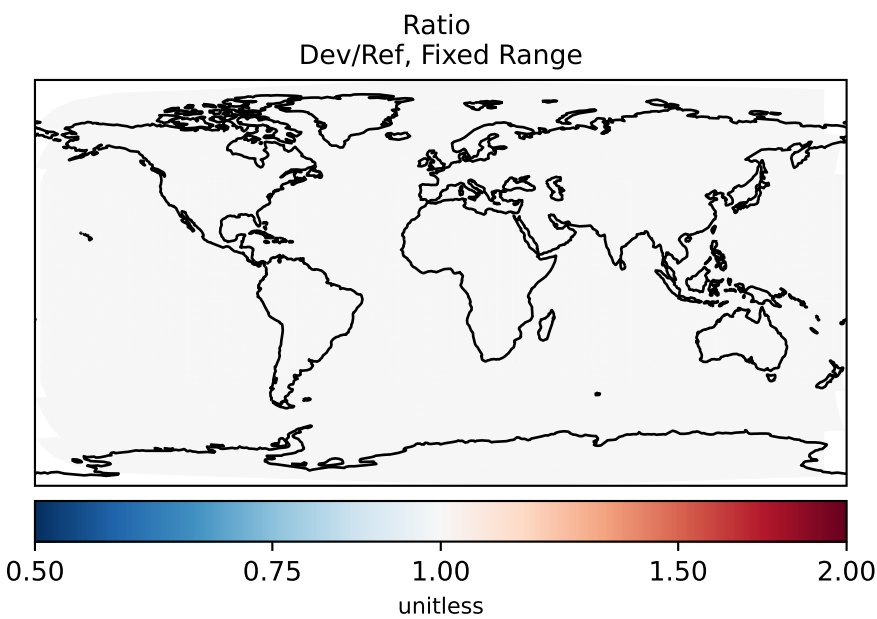
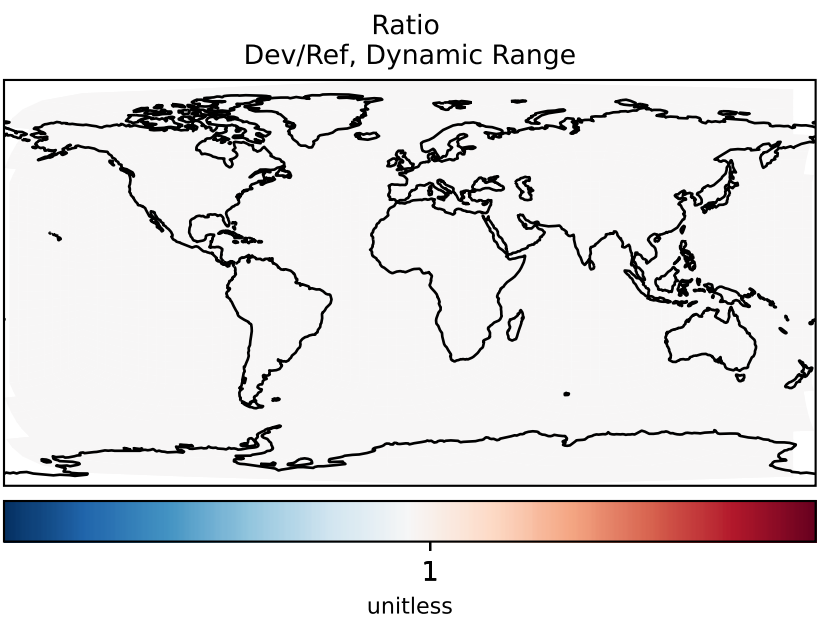
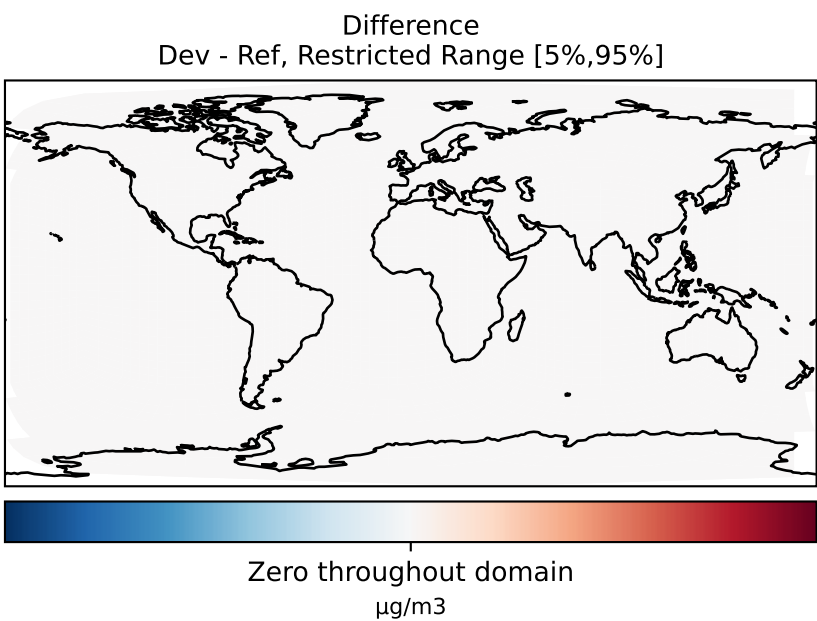
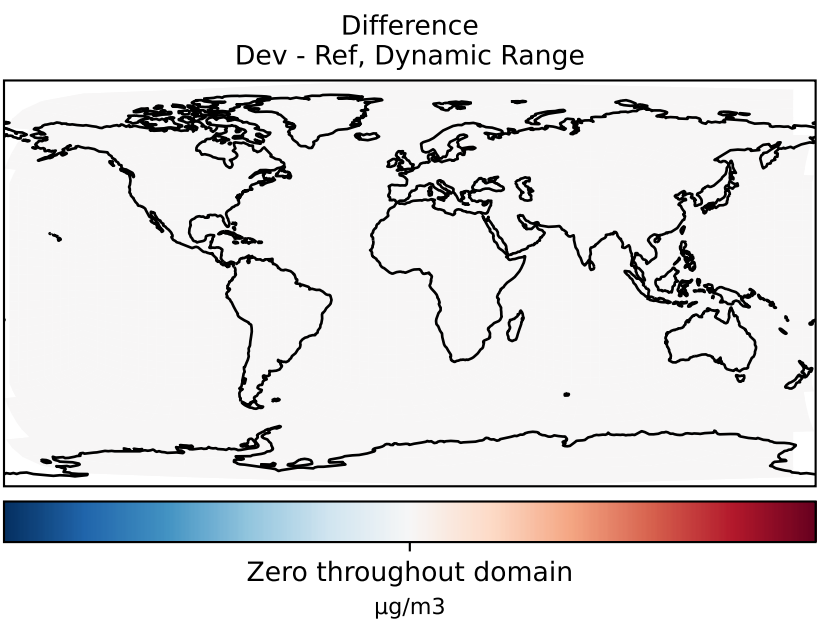
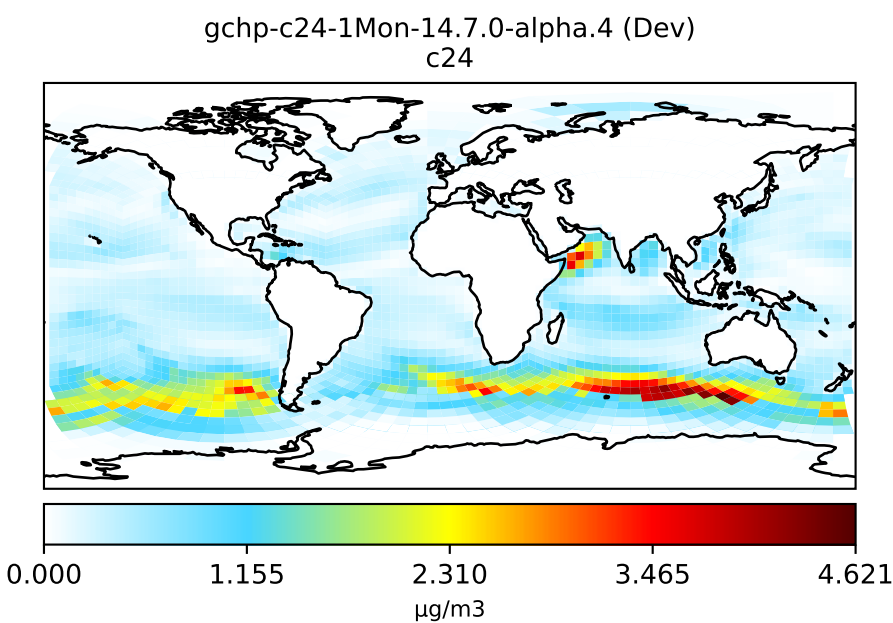
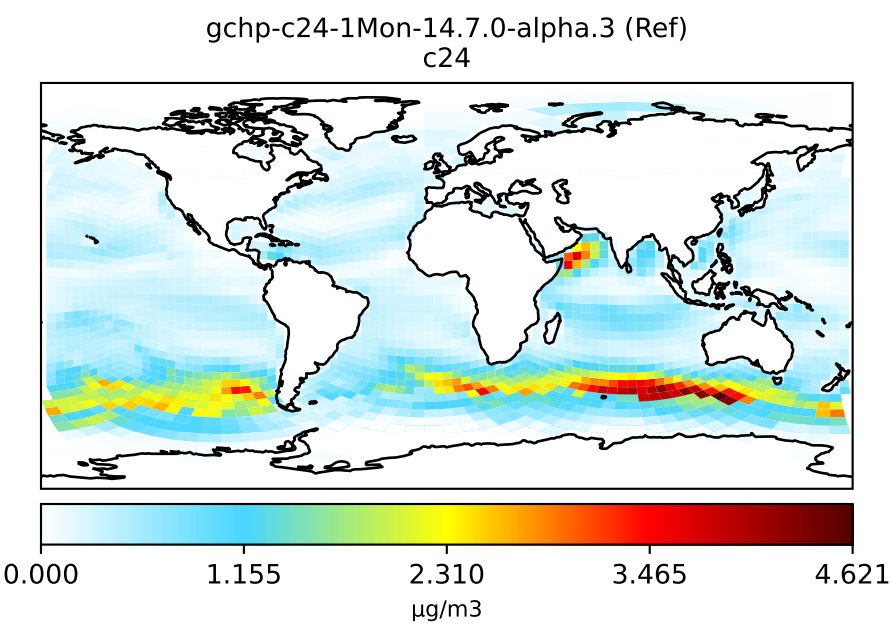
SpeciesConcVV_SALACL



SpeciesConcVV_SALC

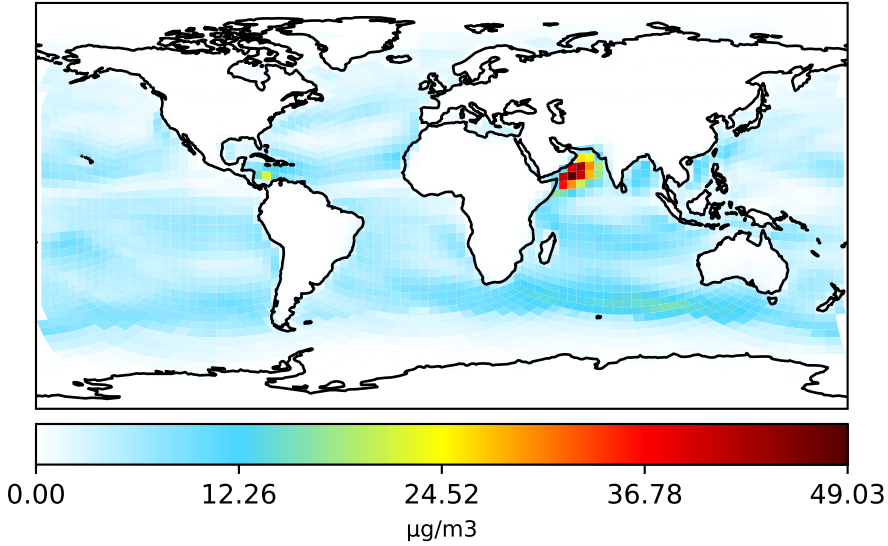


SpeciesConcVV_SALCAL

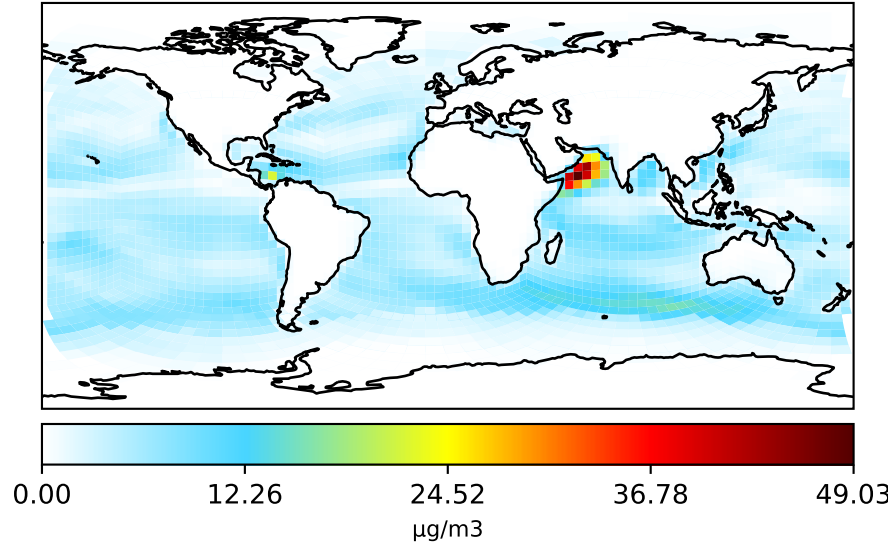


SpeciesConcVV_SALCCL

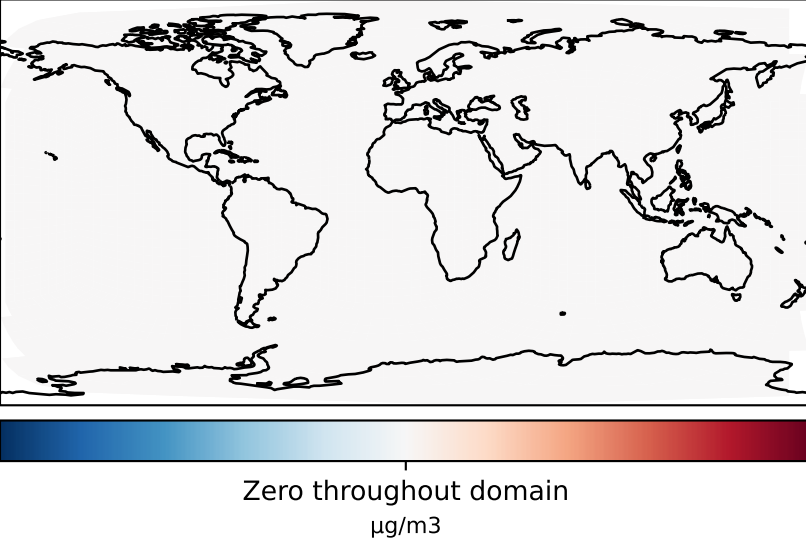
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



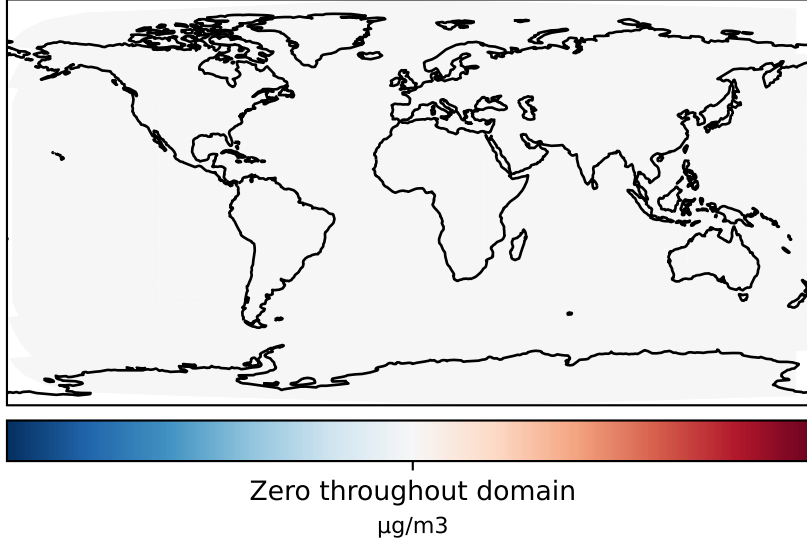
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



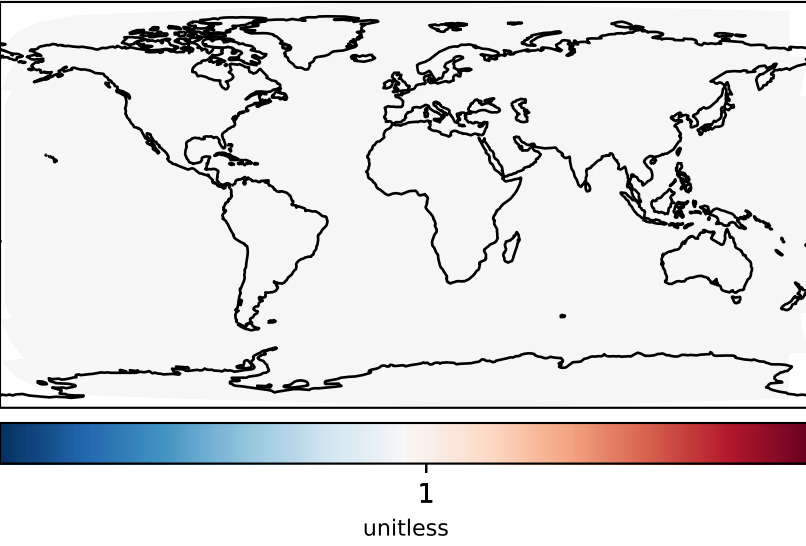
Difference
Dev - Ref, Dynamic Range



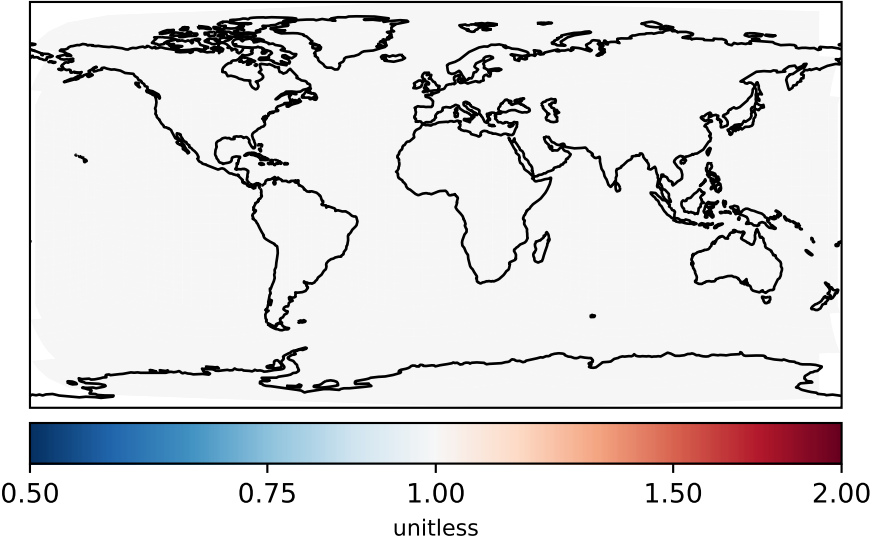
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

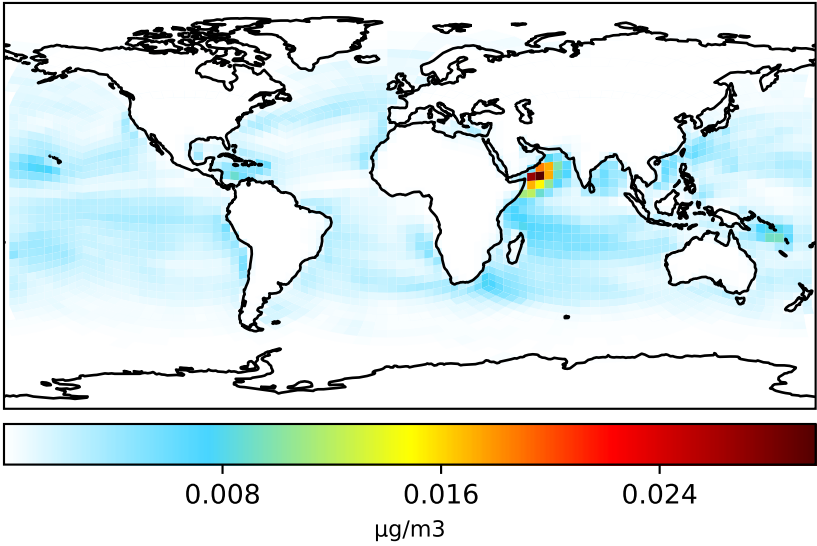


Ratio
Dev/Ref, Fixed Range

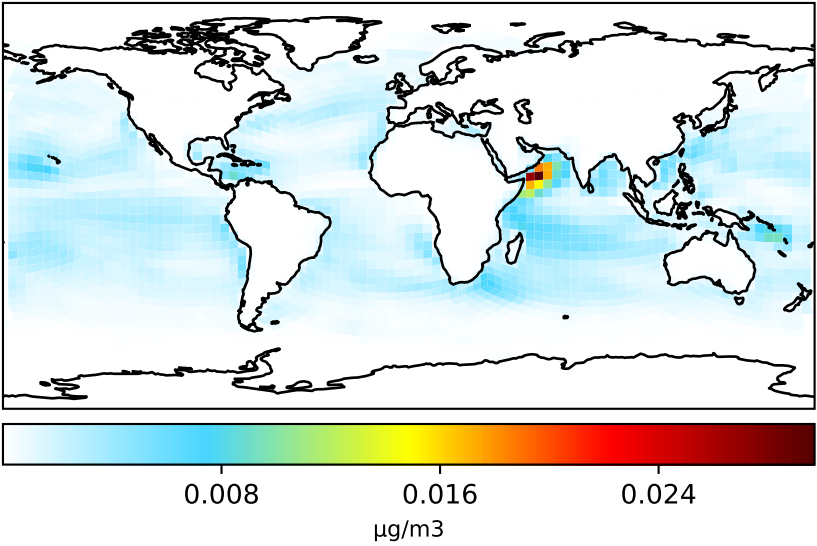


SpeciesConcVV_S04s

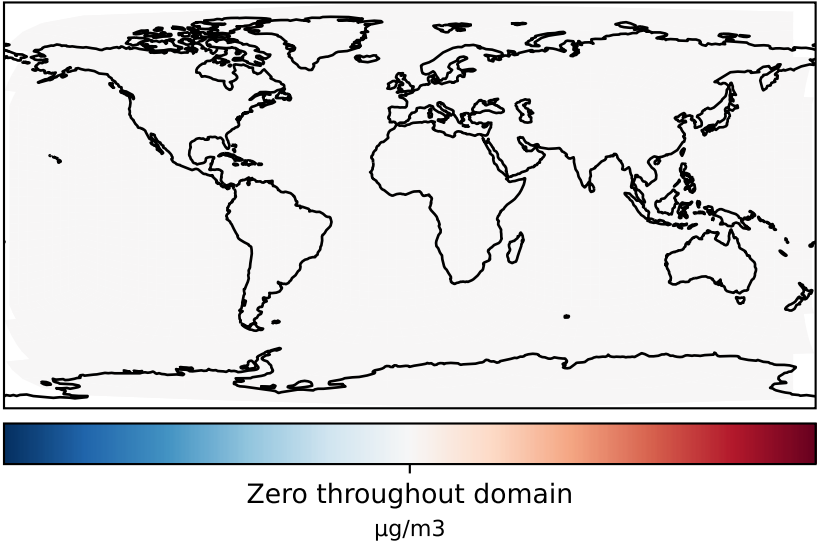
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



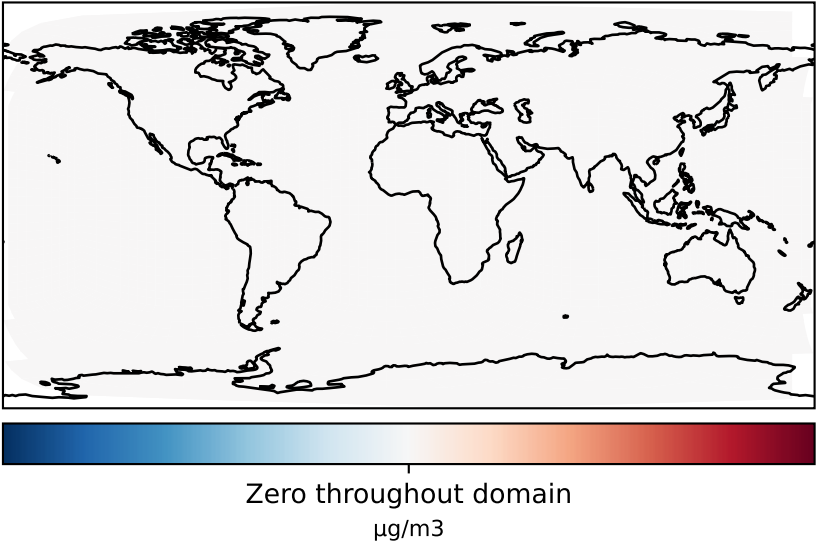
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



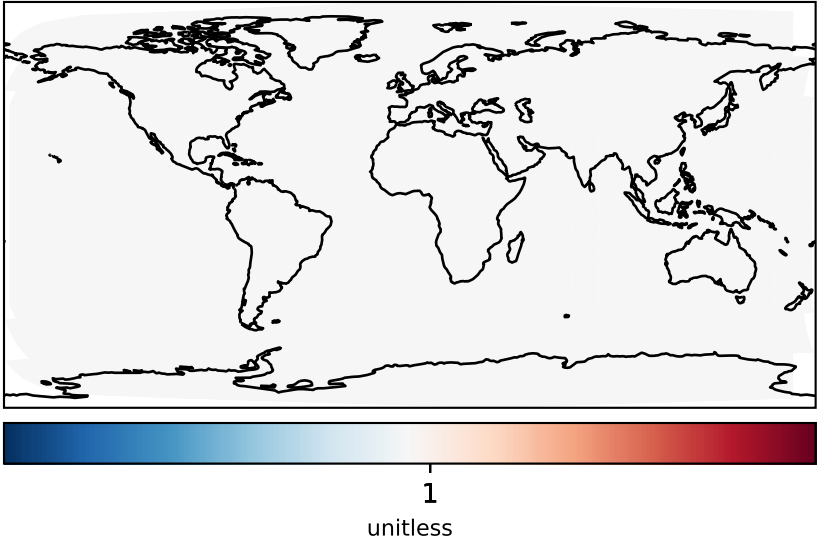
Difference
Dev - Ref, Dynamic Range



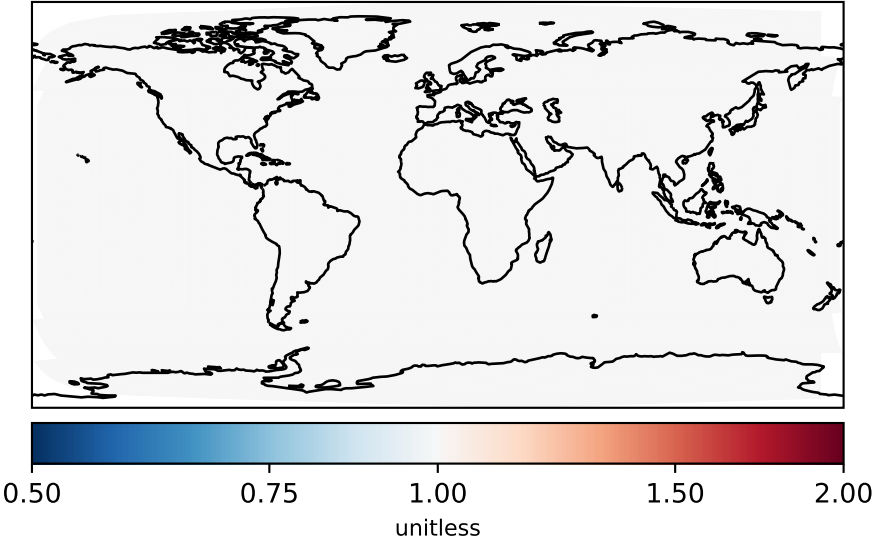
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

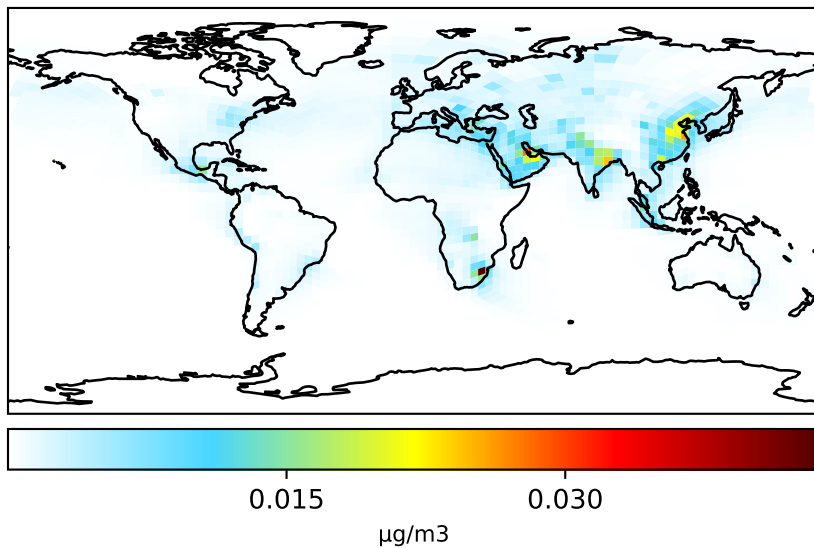


Ratio
Dev/Ref, Fixed Range

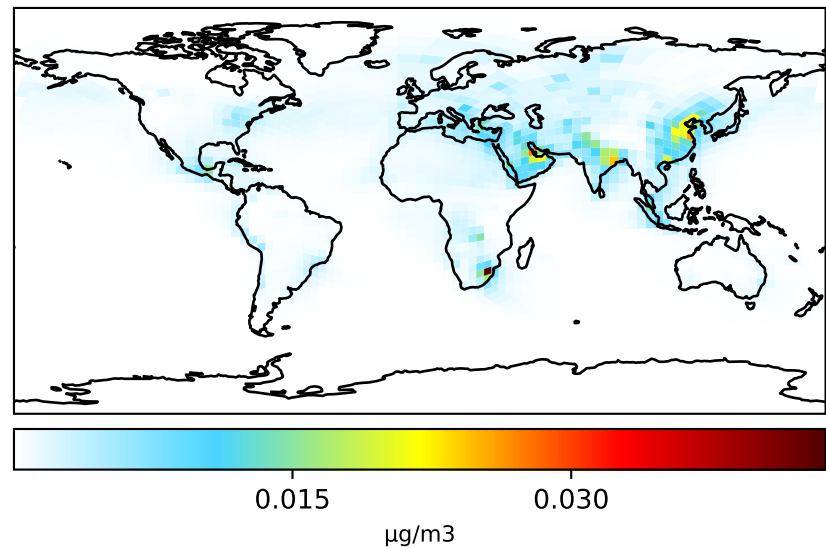


SpeciesConcVV_pFe

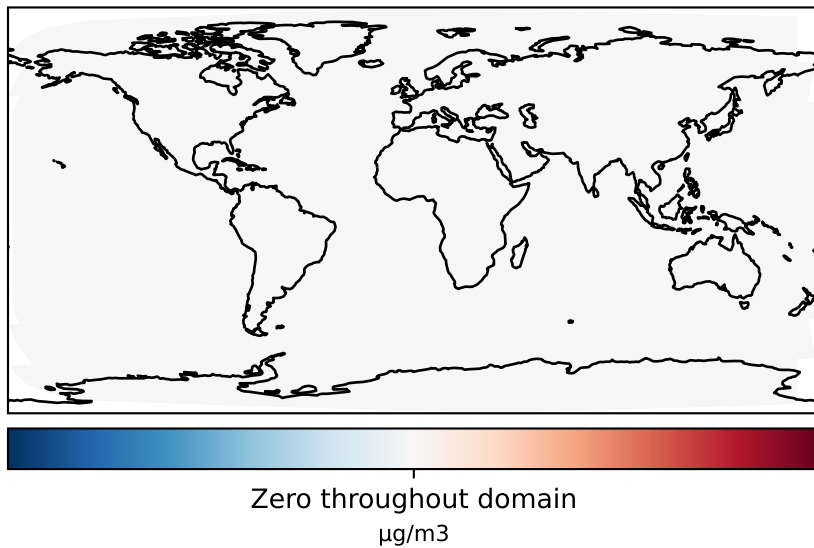
gchp-c24-1Mon-14.7.0-alpha.3 (Ref)
c24



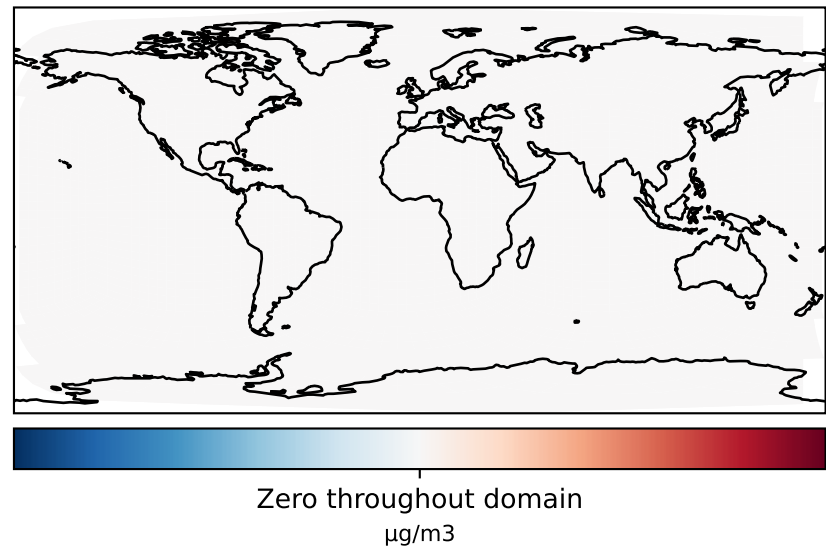
gchp-c24-1Mon-14.7.0-alpha.4 (Dev)
c24



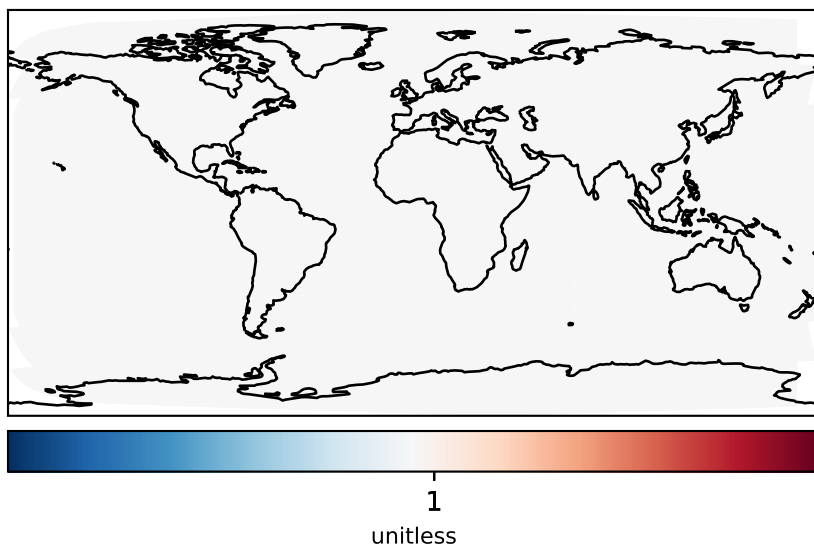
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

