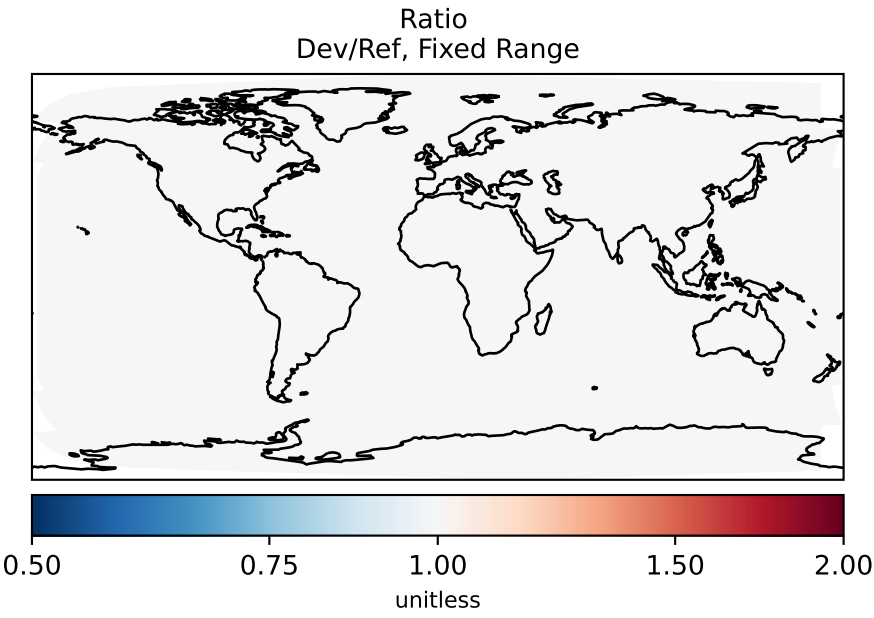
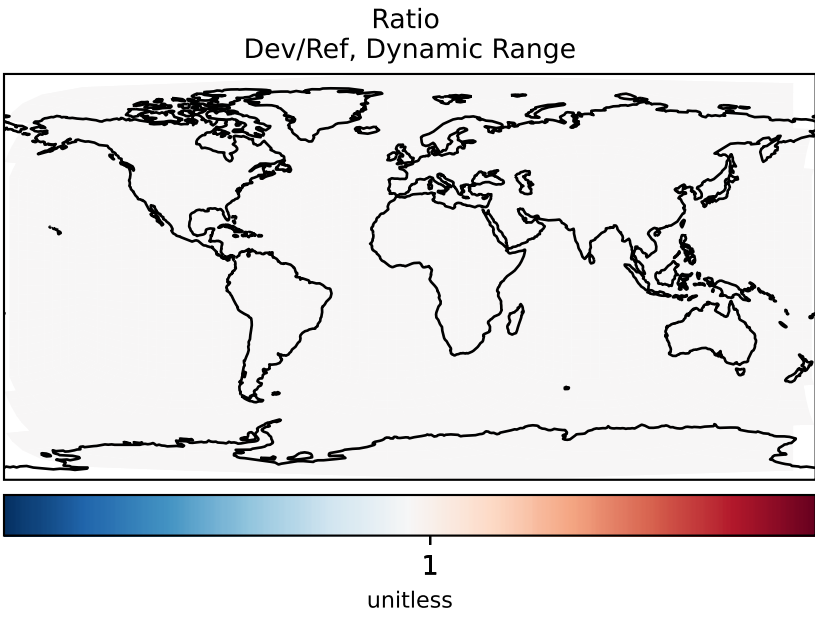
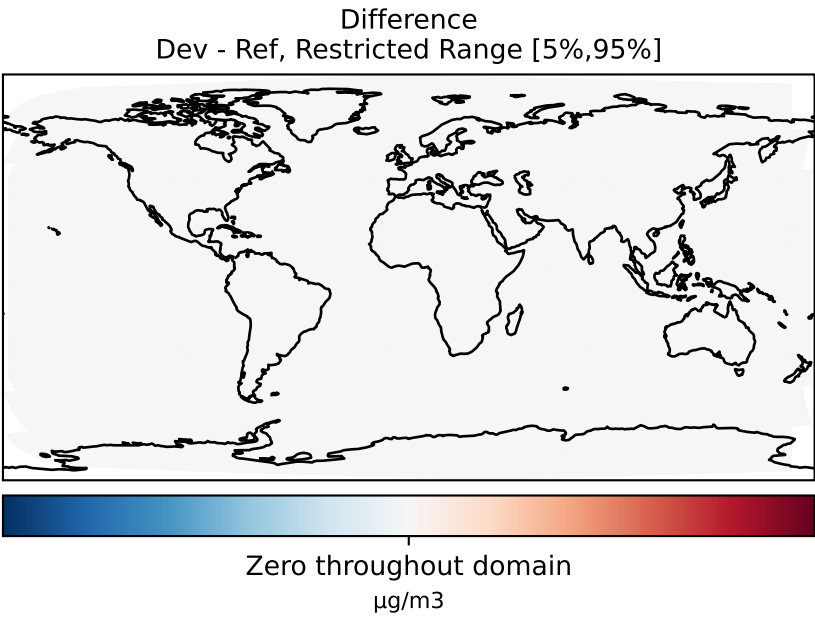
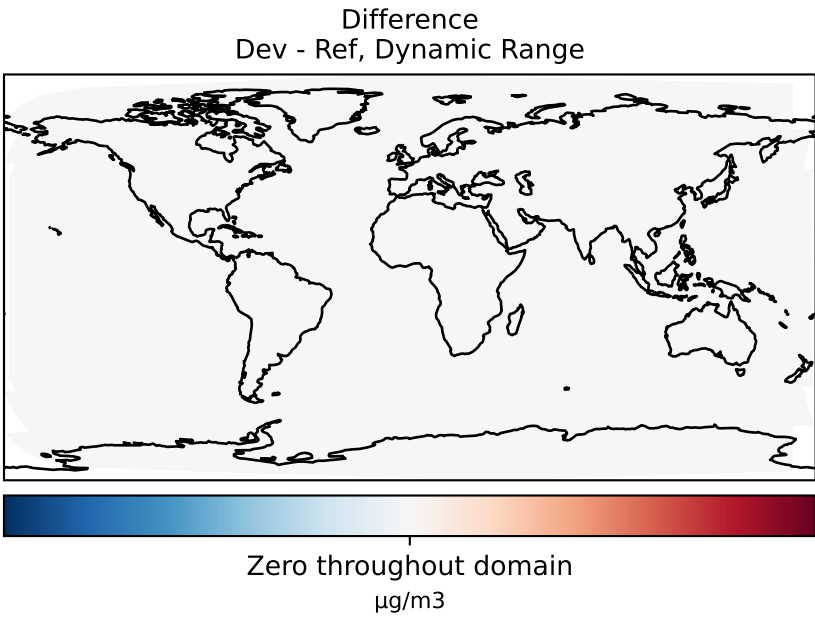
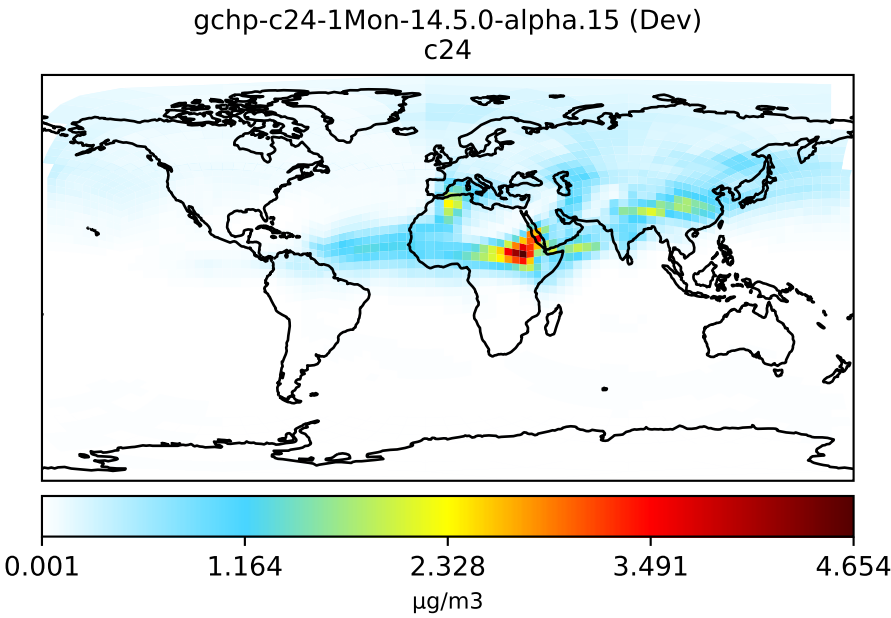
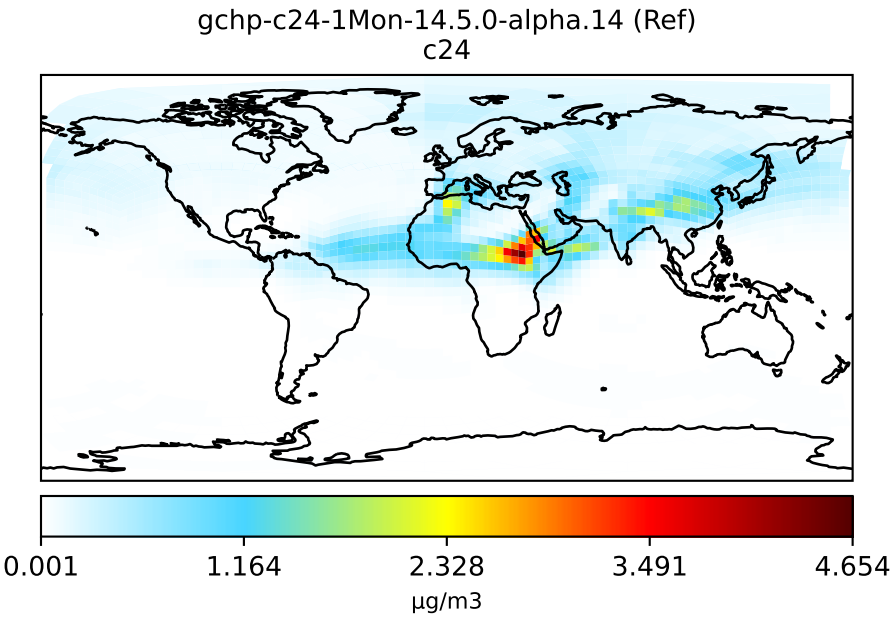
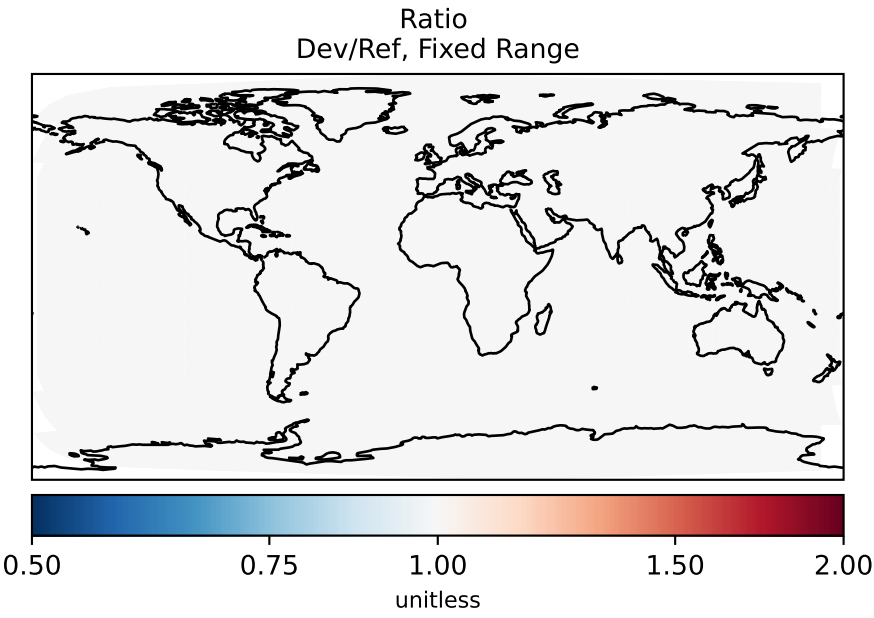
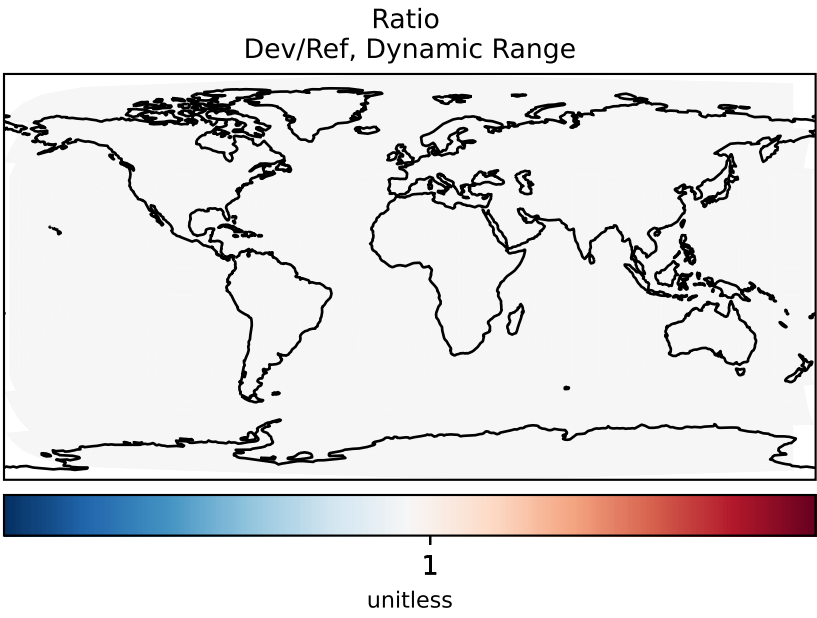
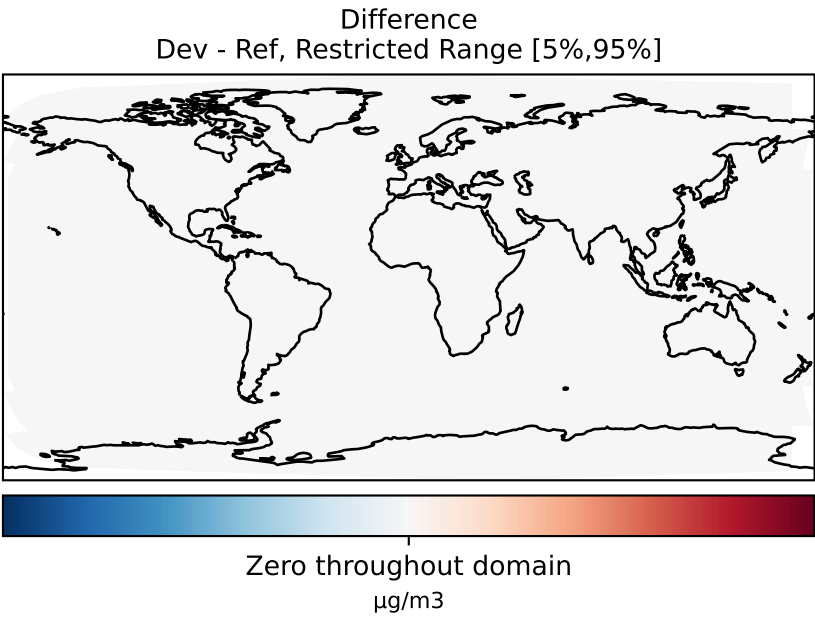
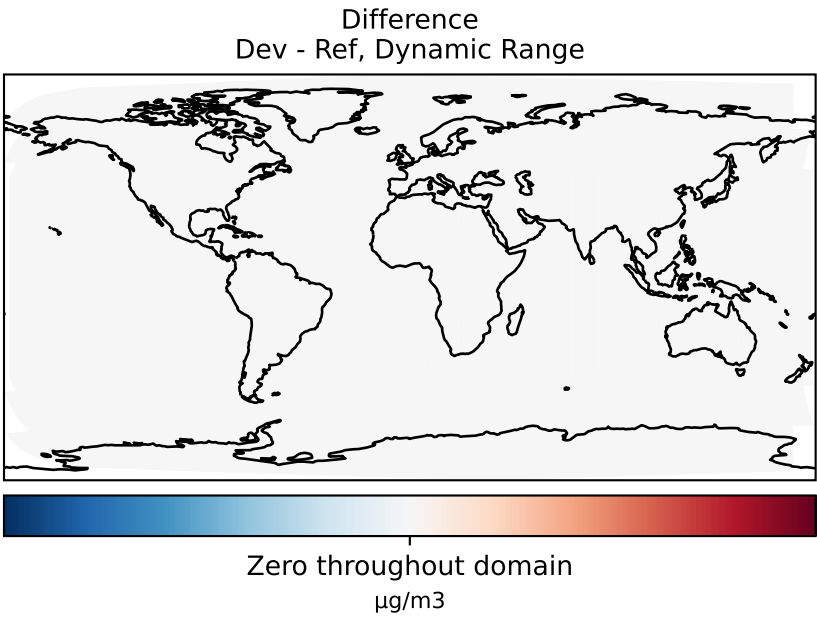
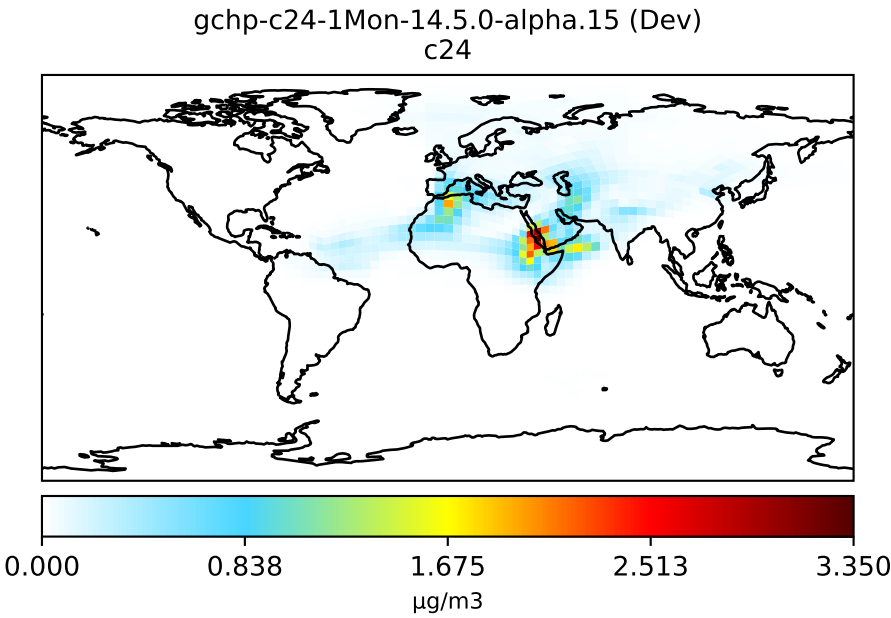
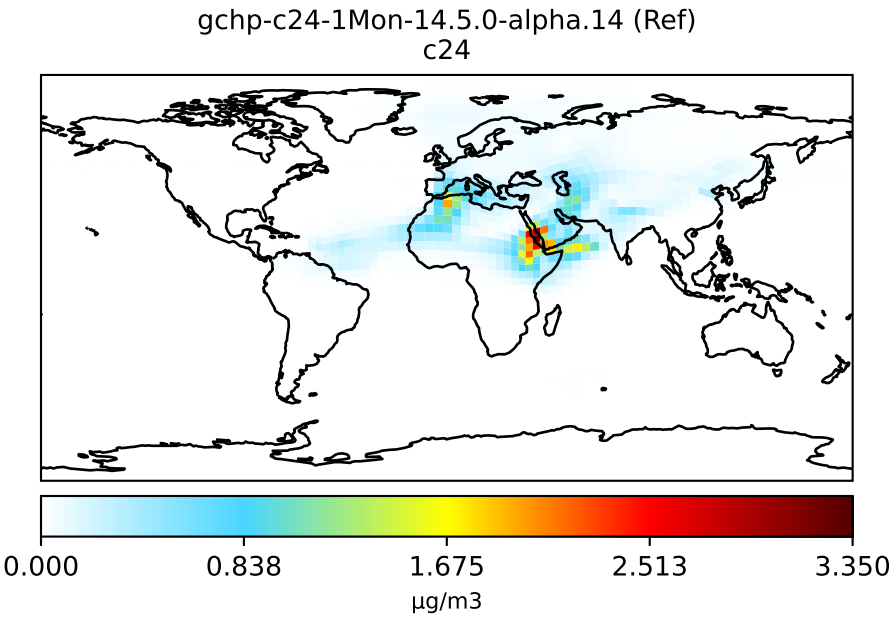


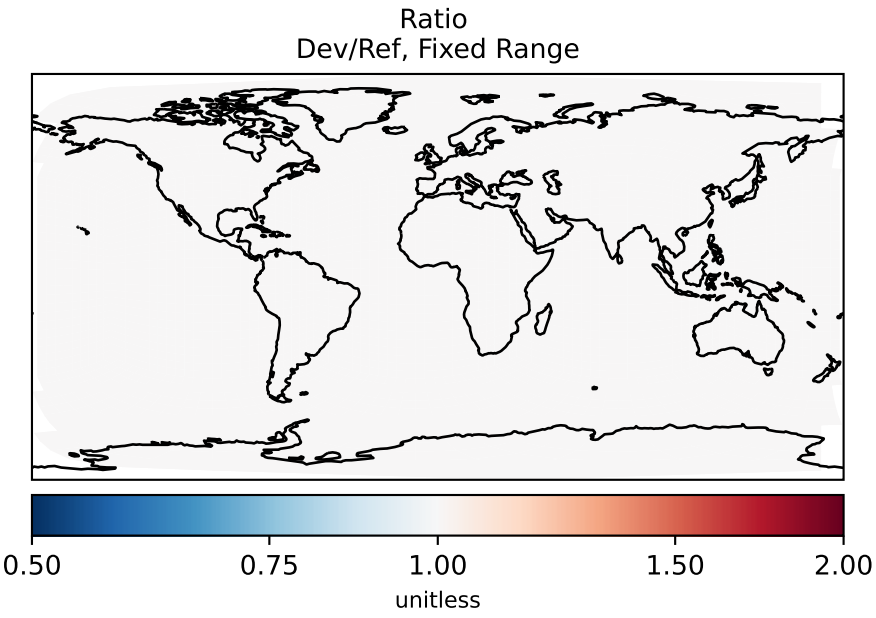
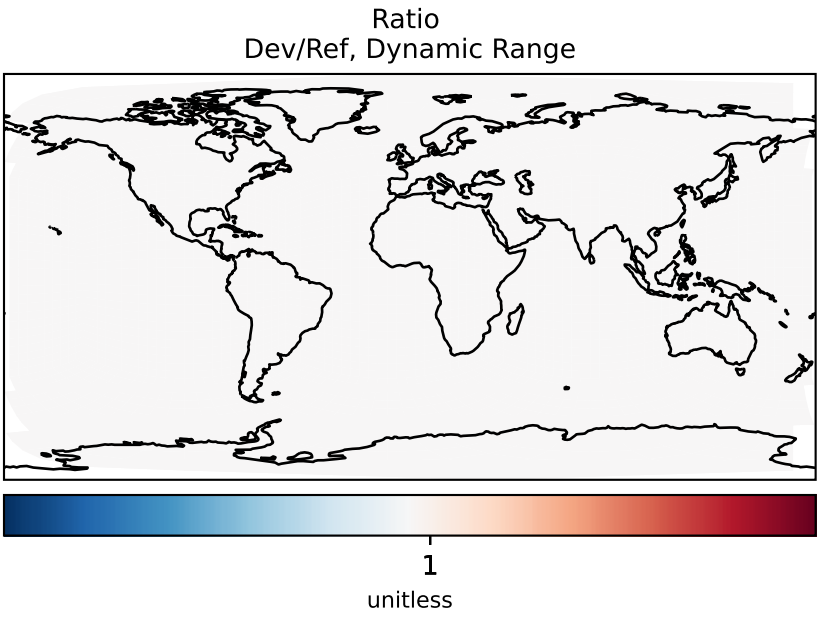
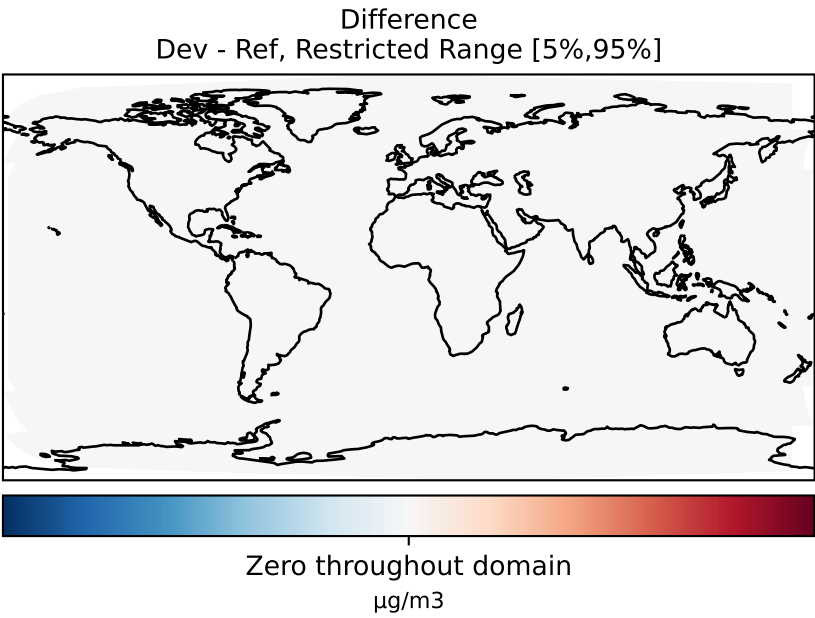
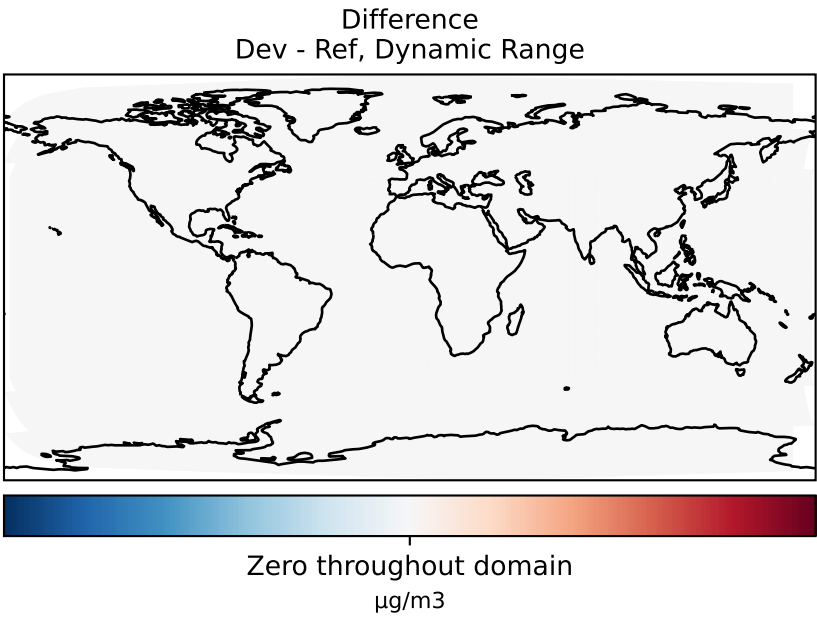
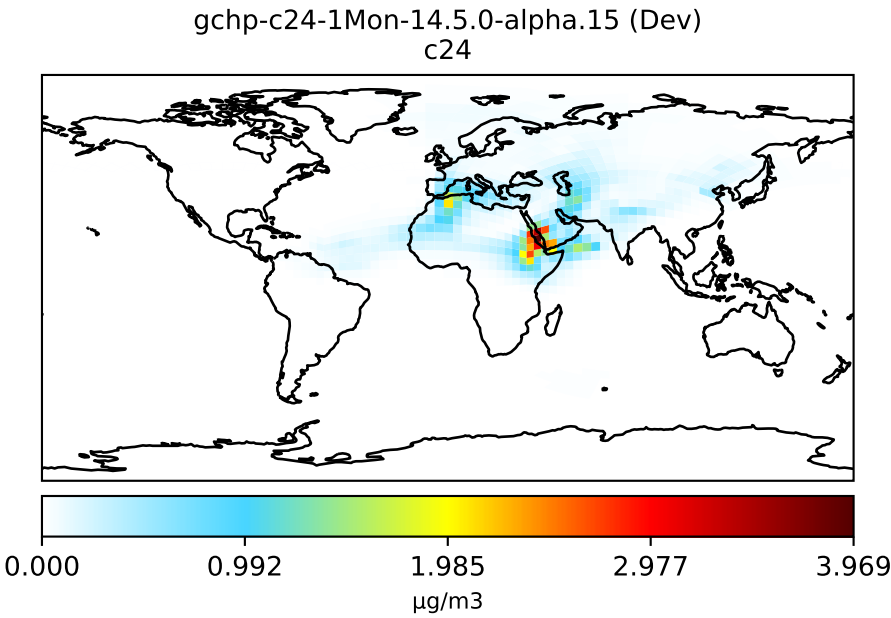
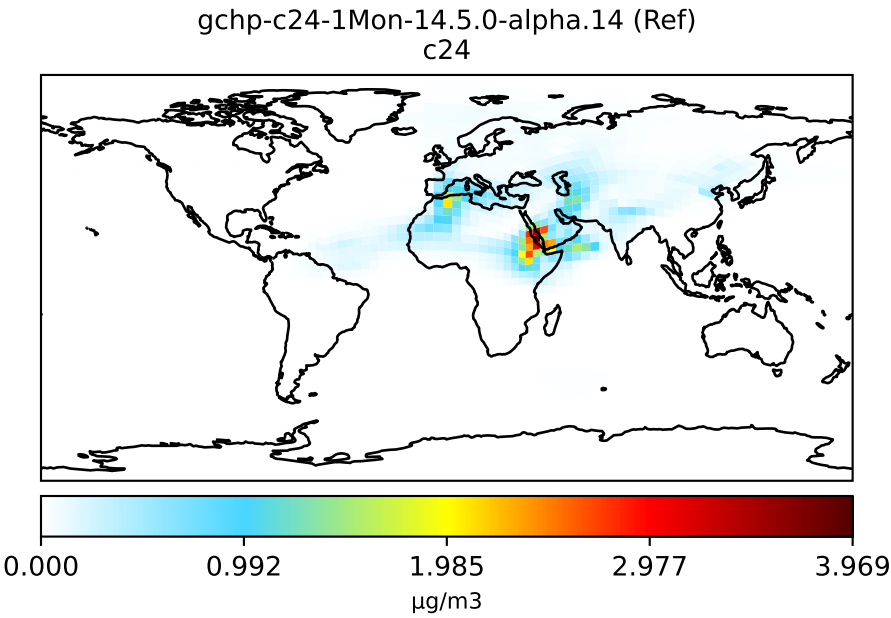
SpeciesConcVV_DST1



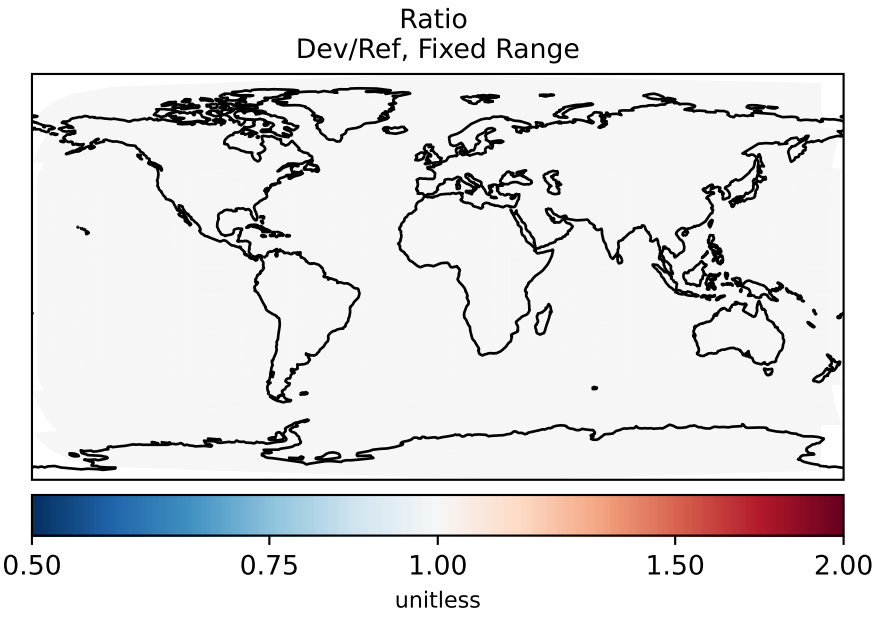
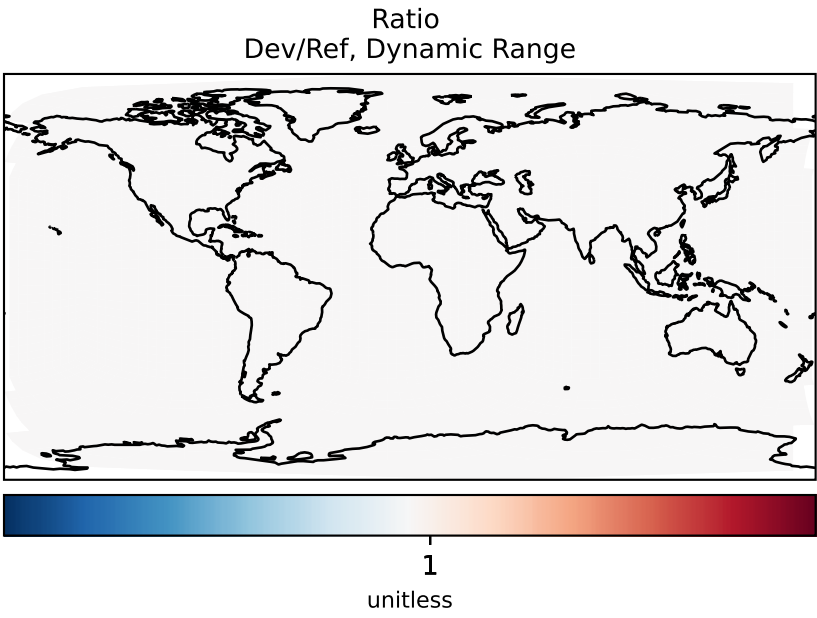
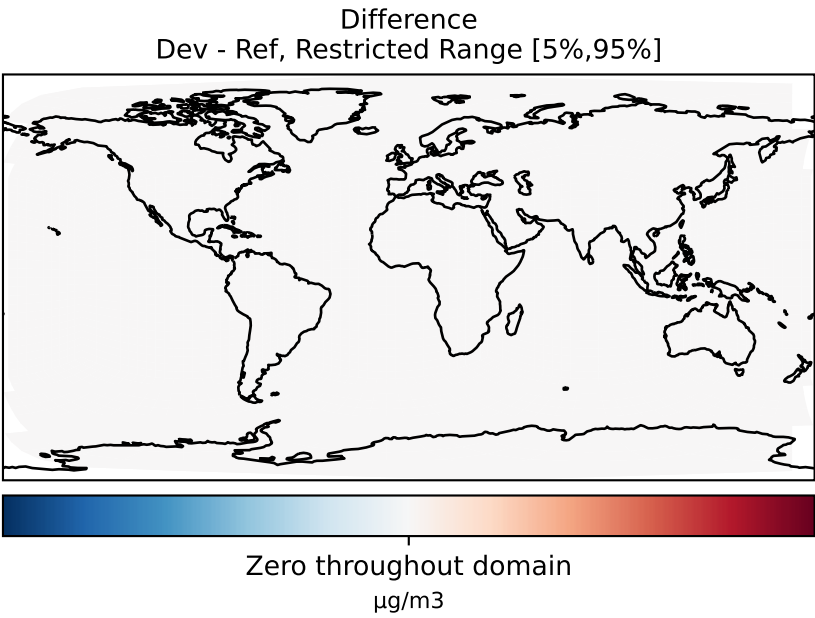
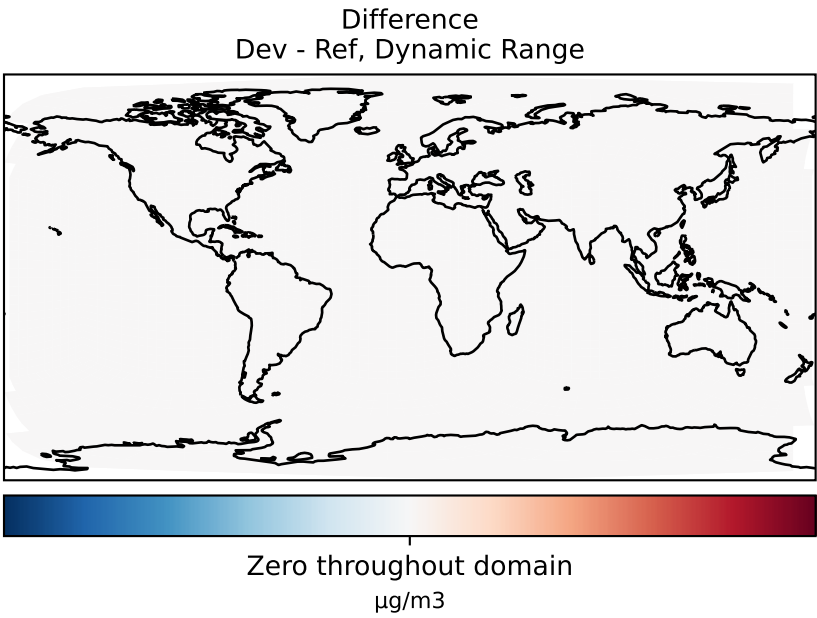
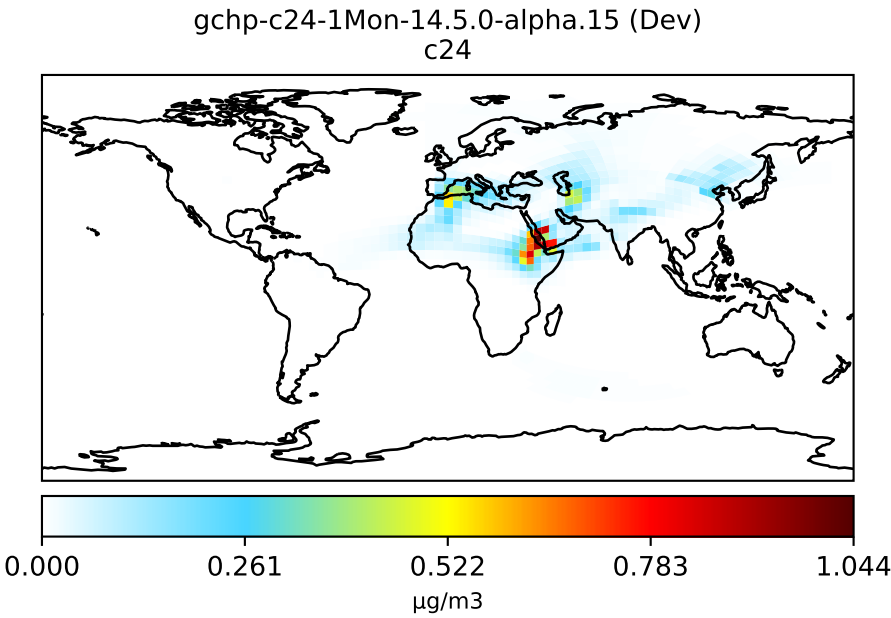
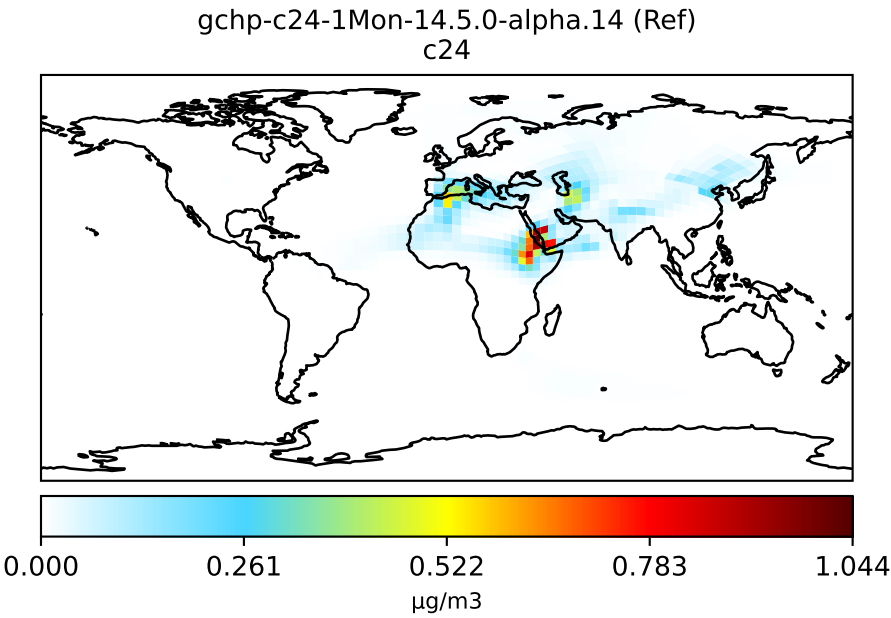
SpeciesConcVV_DST2



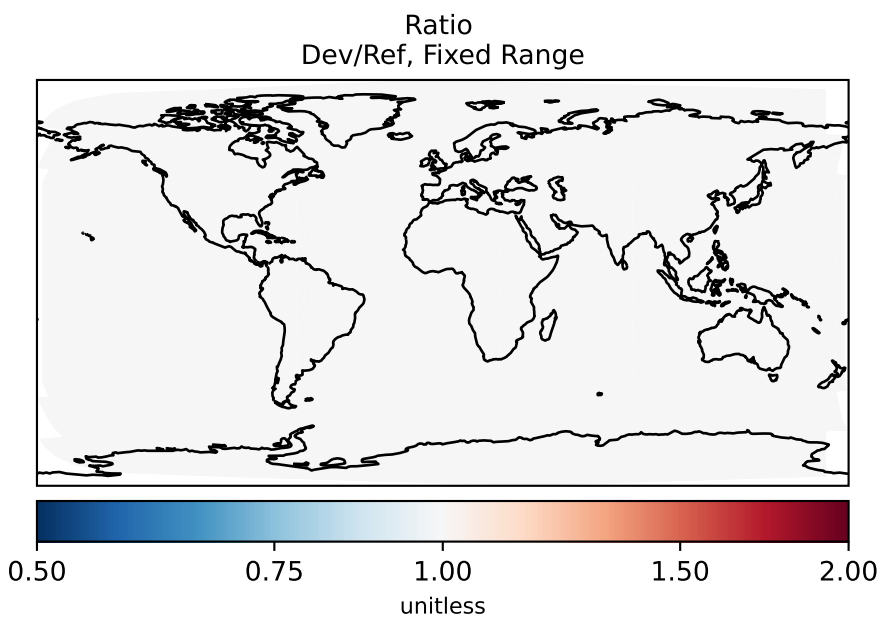
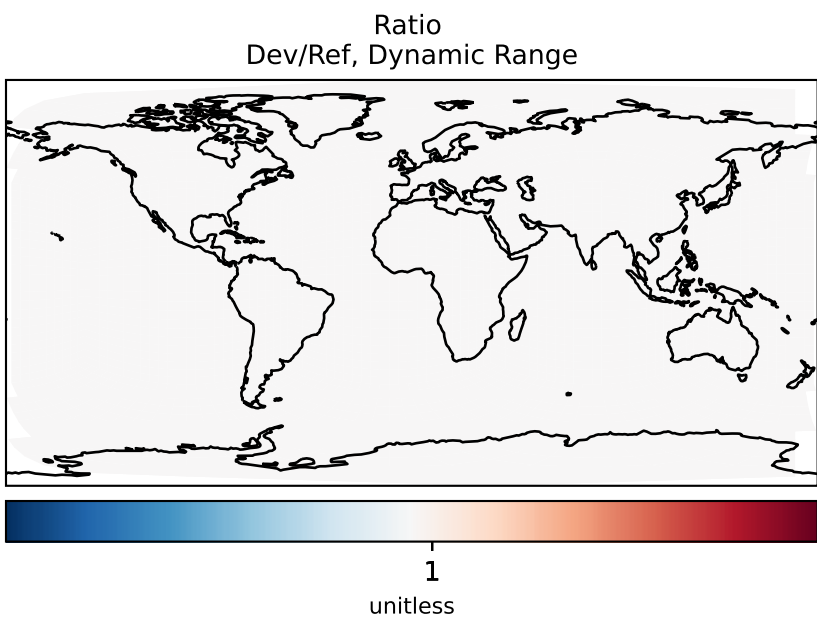
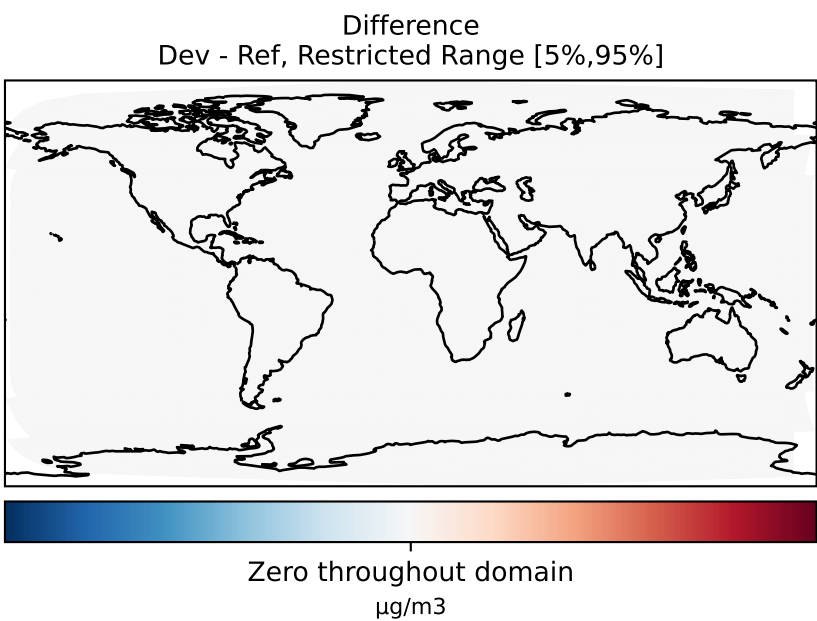
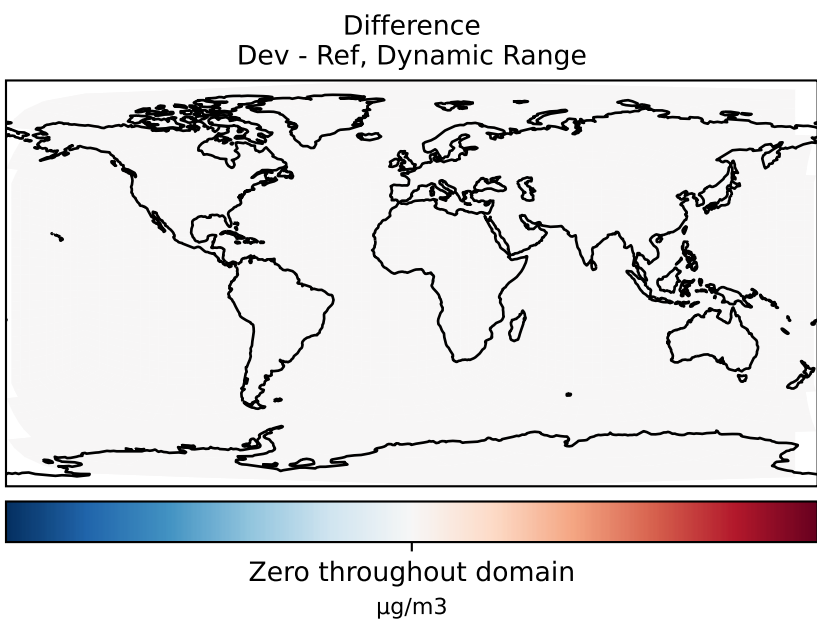
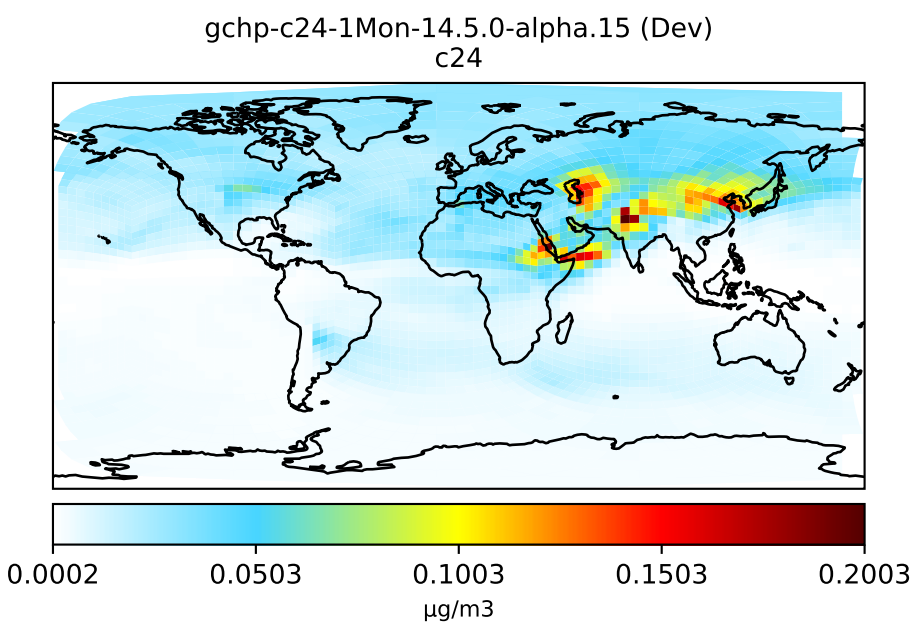
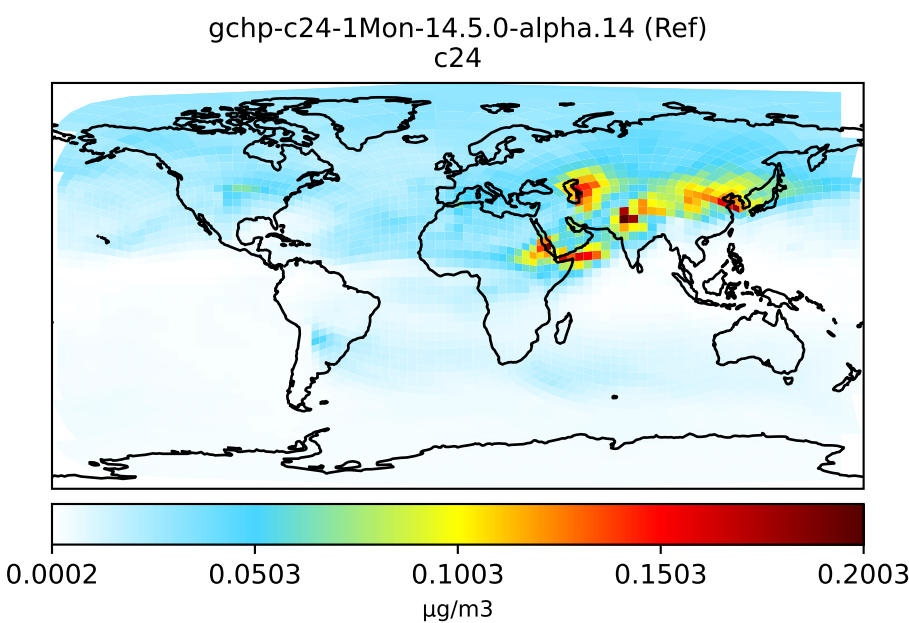
SpeciesConcVV_DST3



SpeciesConcVV_DST4

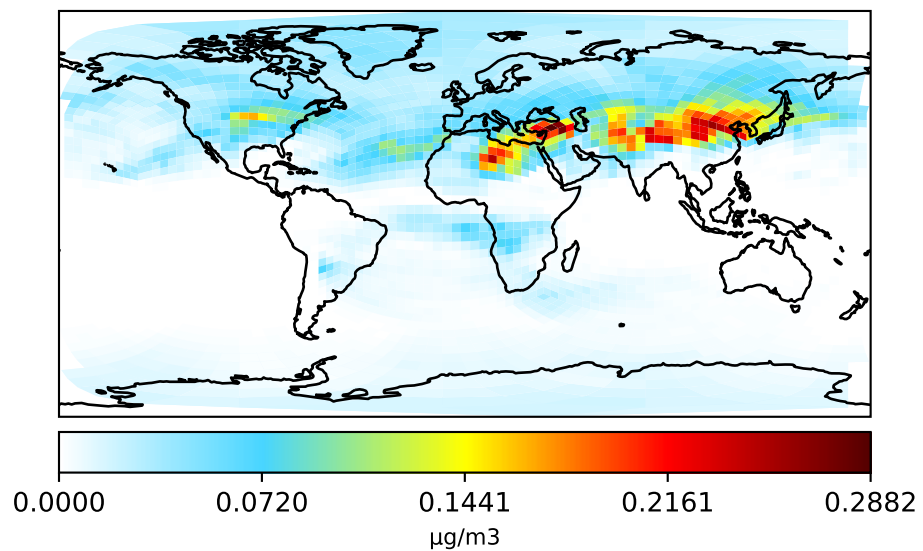


SpeciesConcVV_NH4

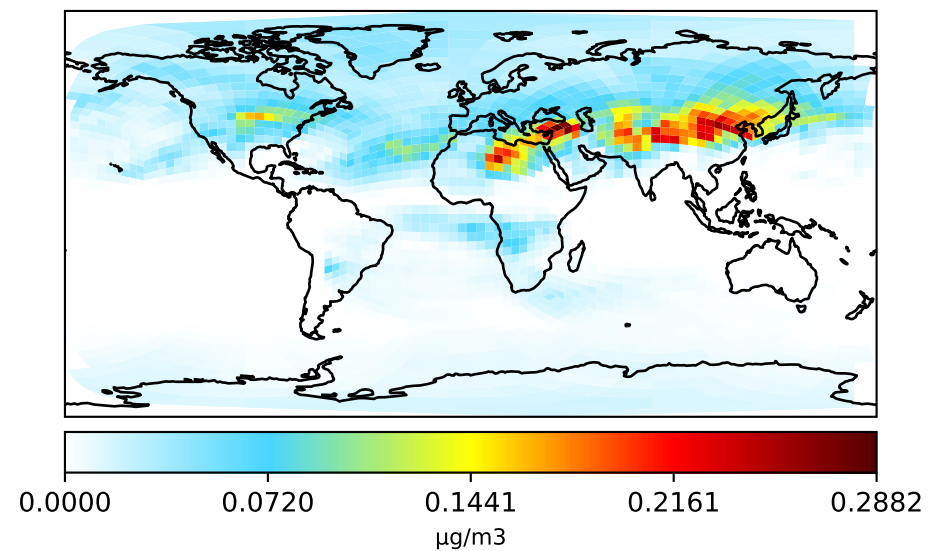


SpeciesConcVV_NIT

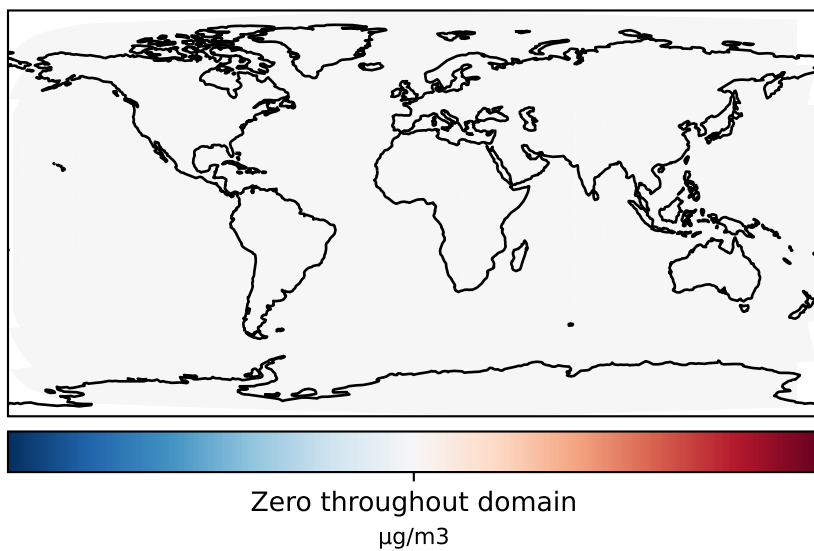
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



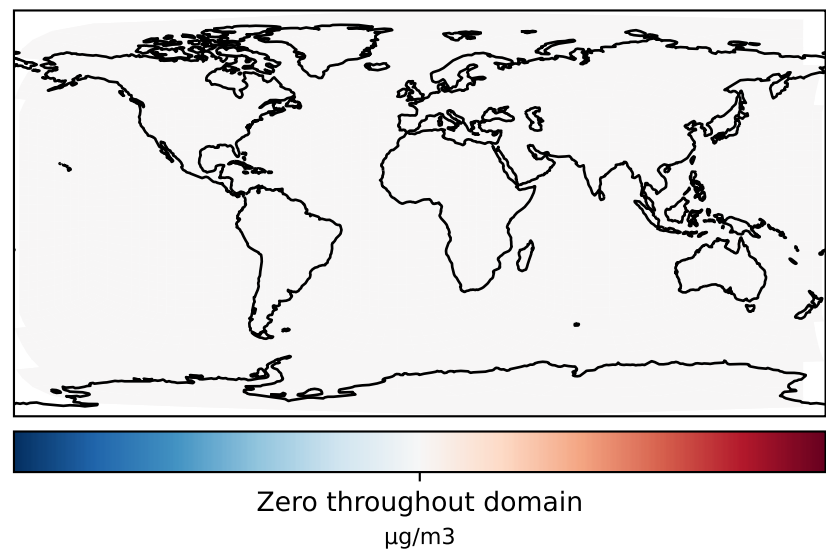
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



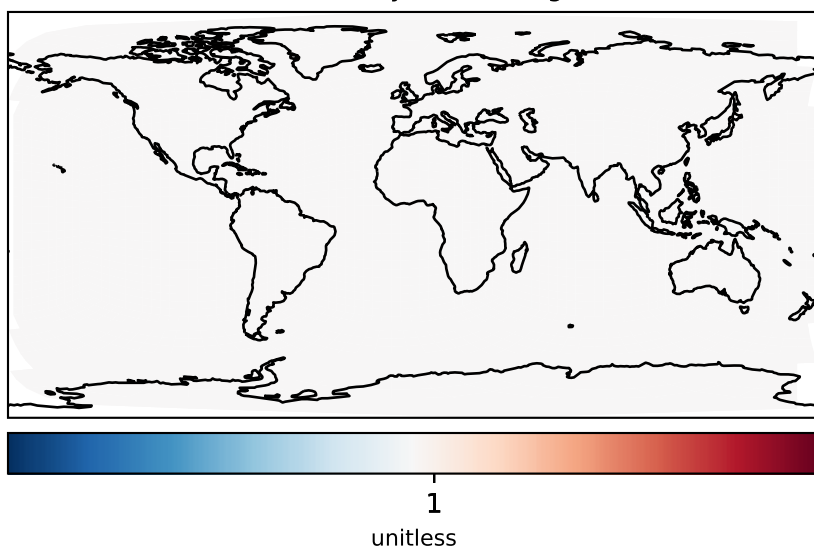
Difference
Dev - Ref, Dynamic Range



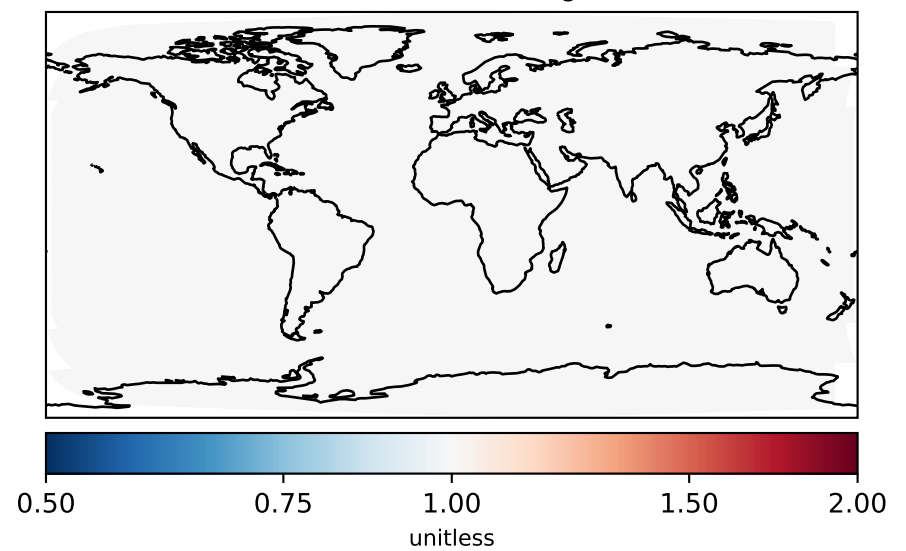
Difference
Dev - Ref, Restricted Range [5%,95%]



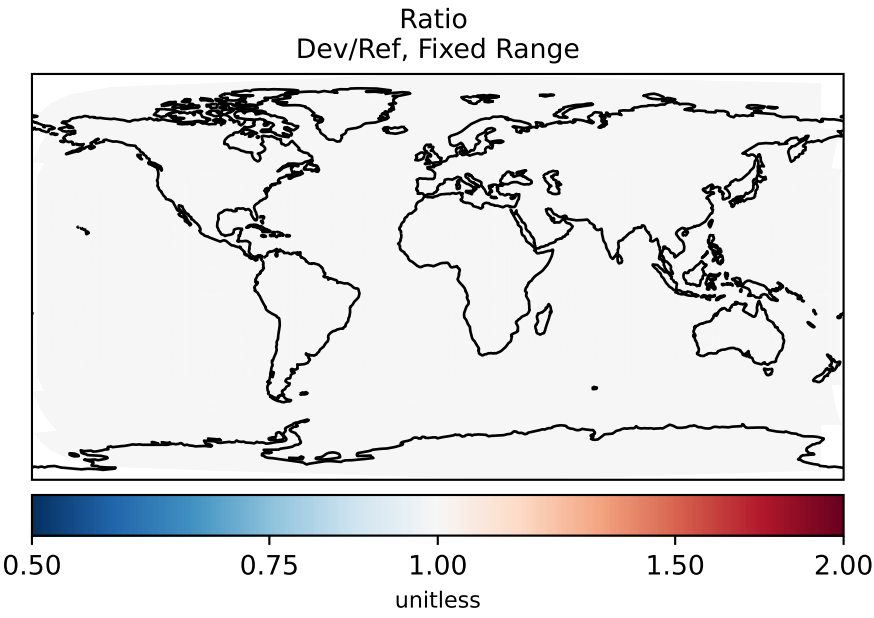
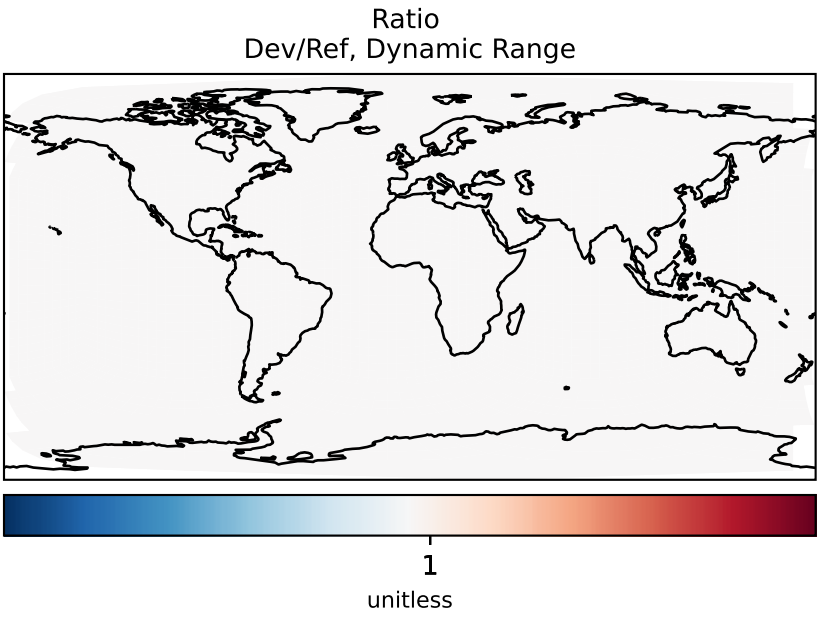
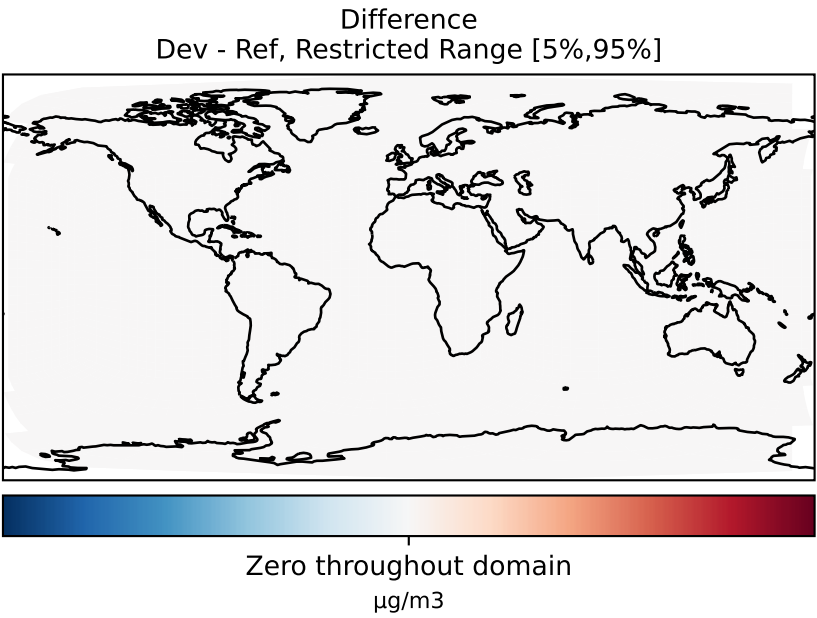
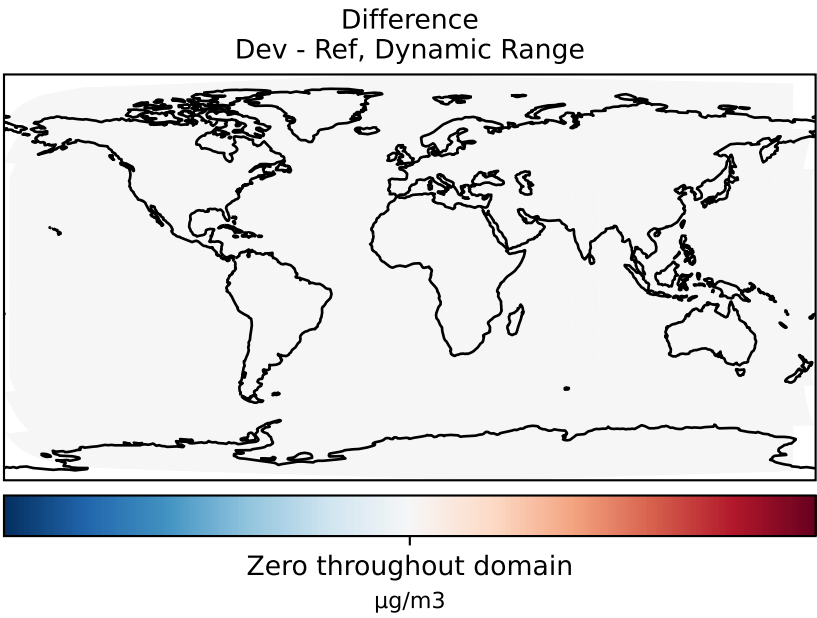
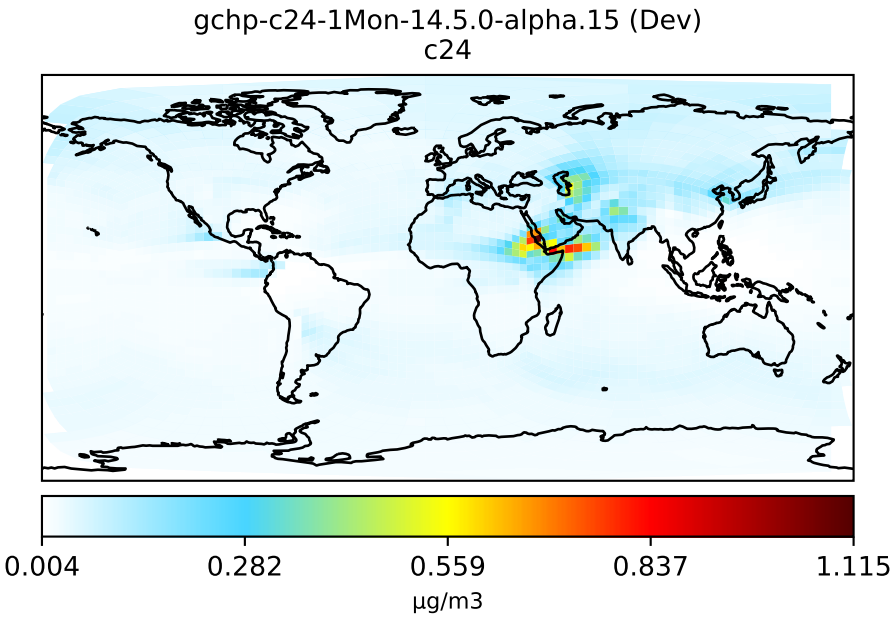
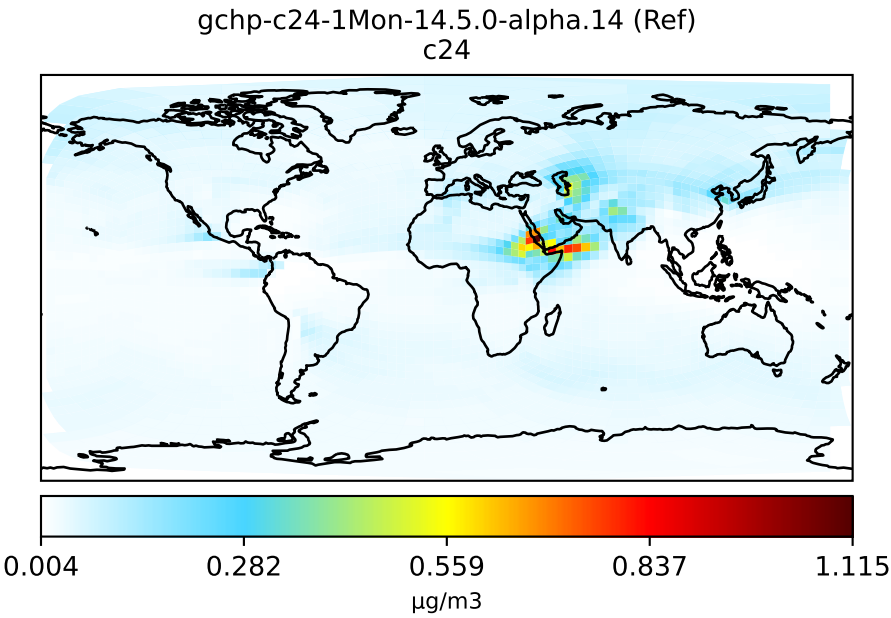
Ratio
Dev/Ref, Dynamic Range



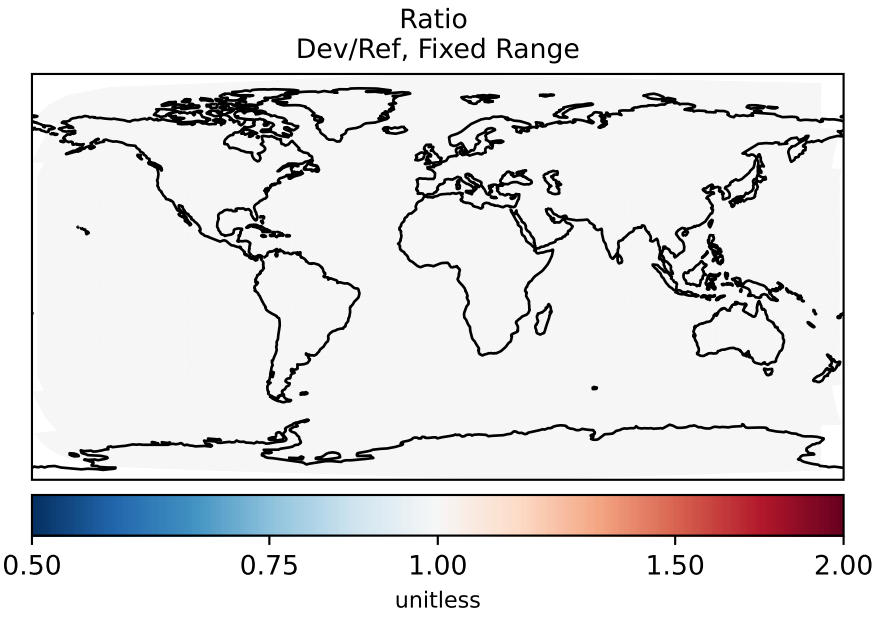
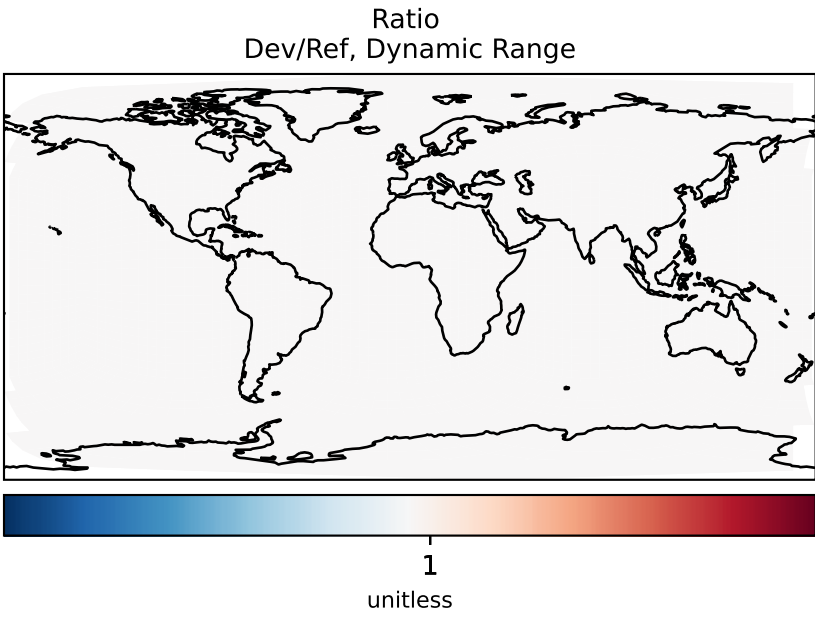
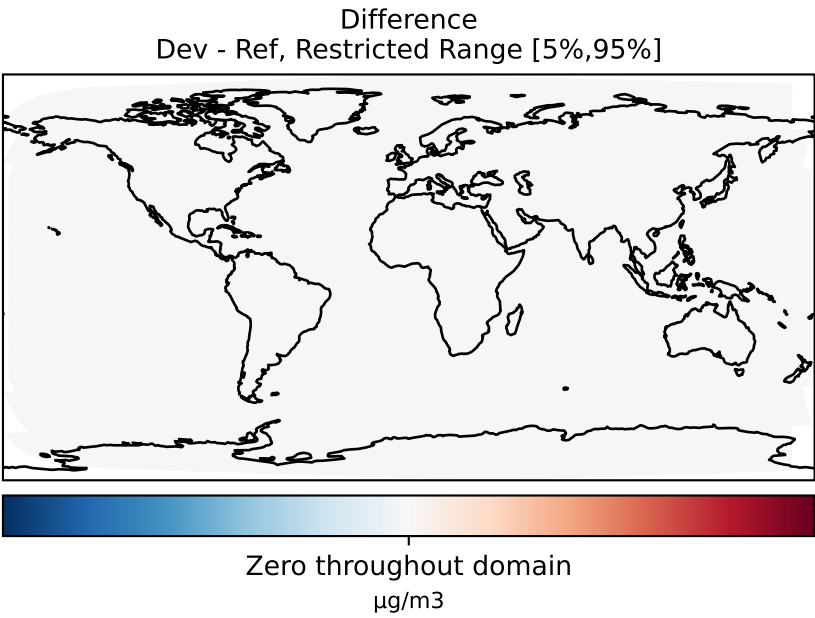
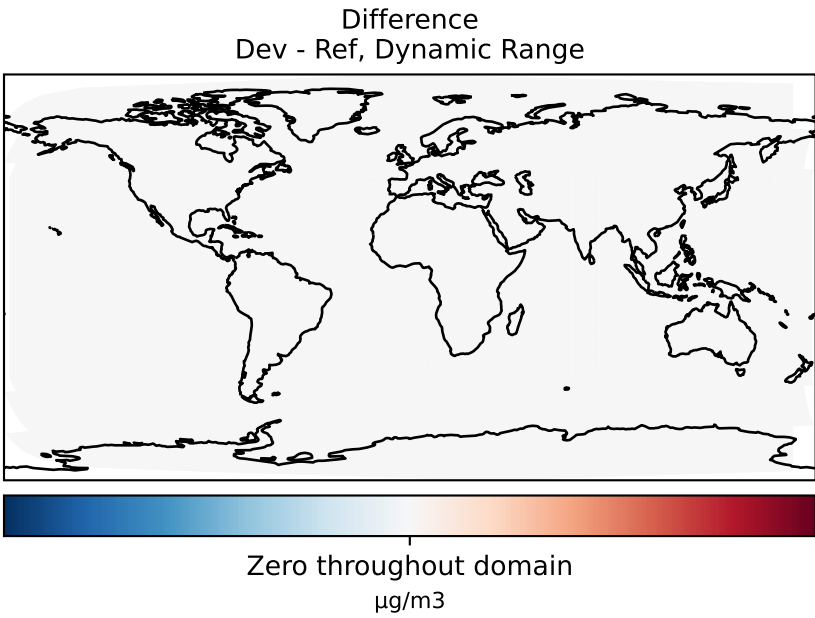
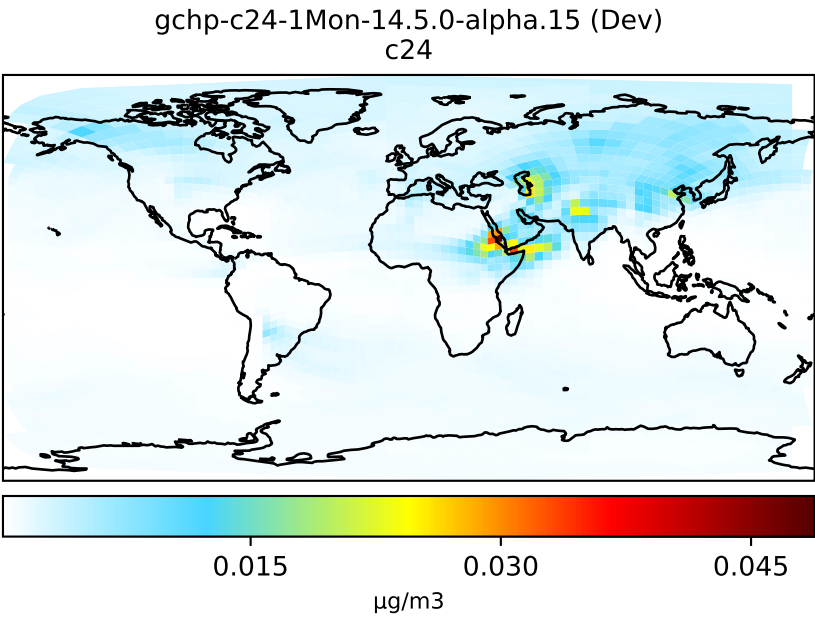
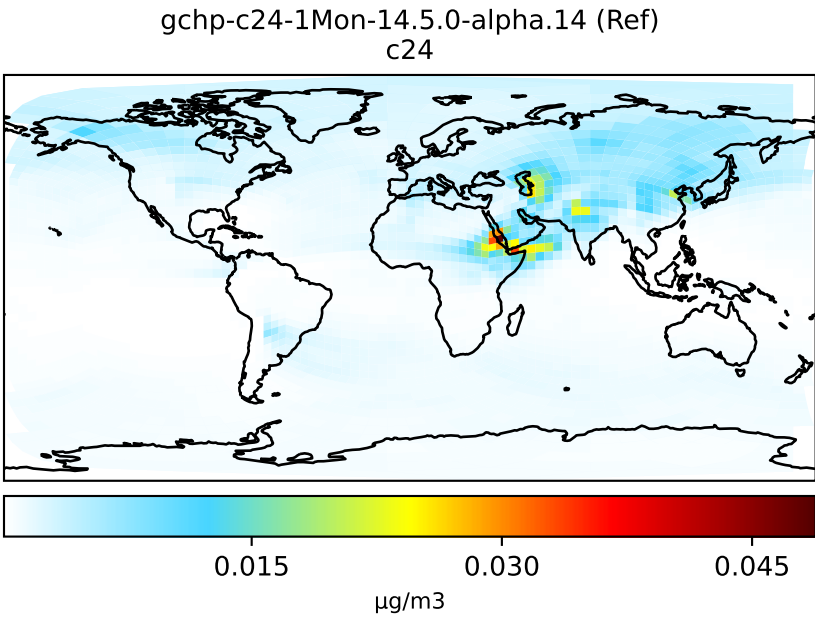
Ratio
Dev/Ref, Fixed Range



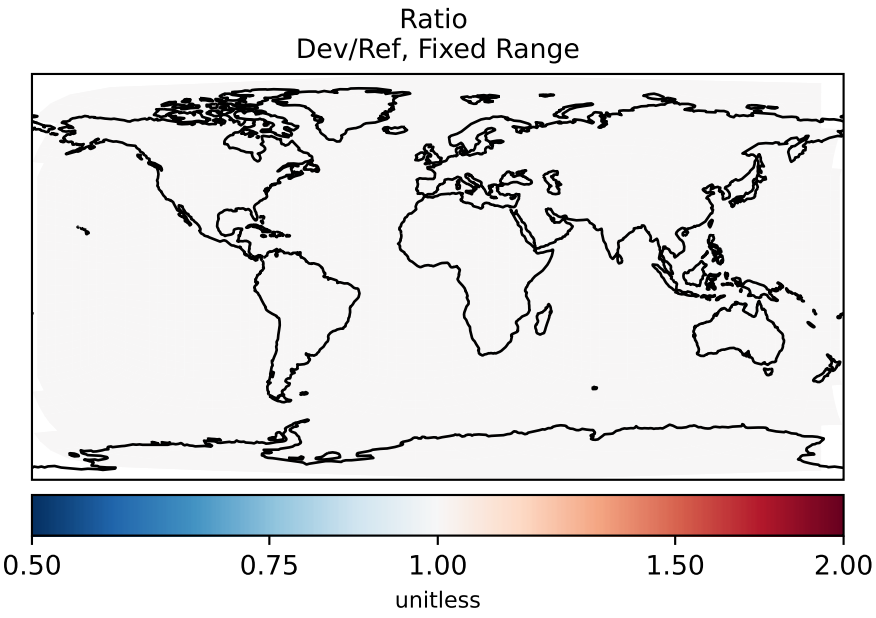
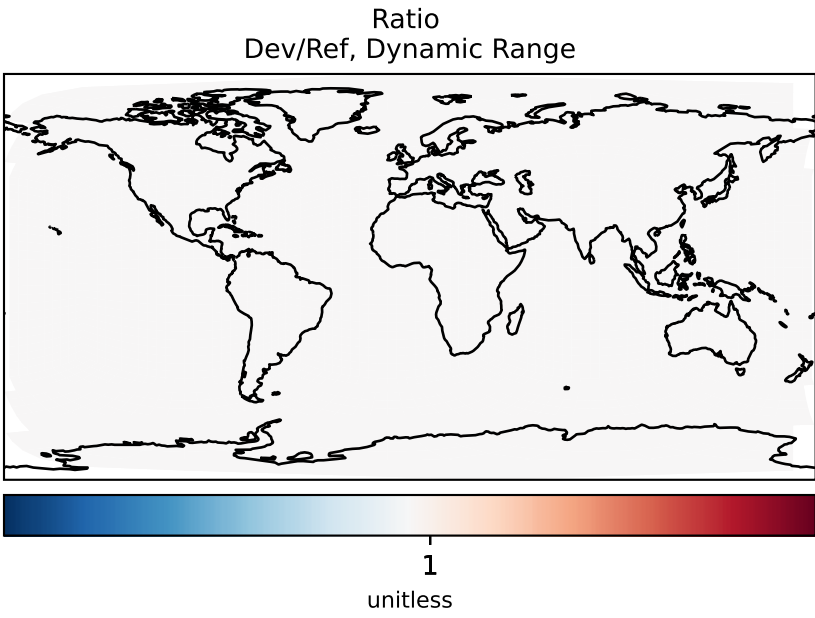
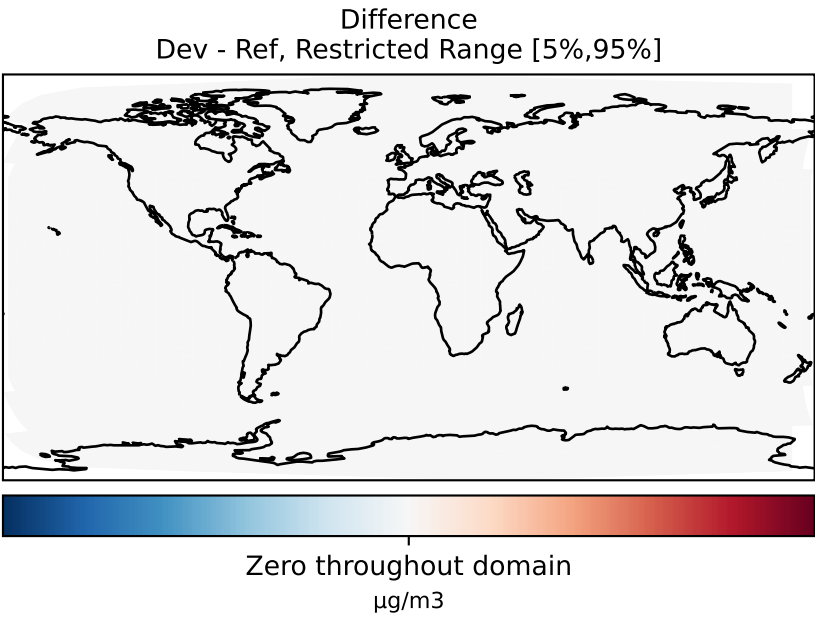
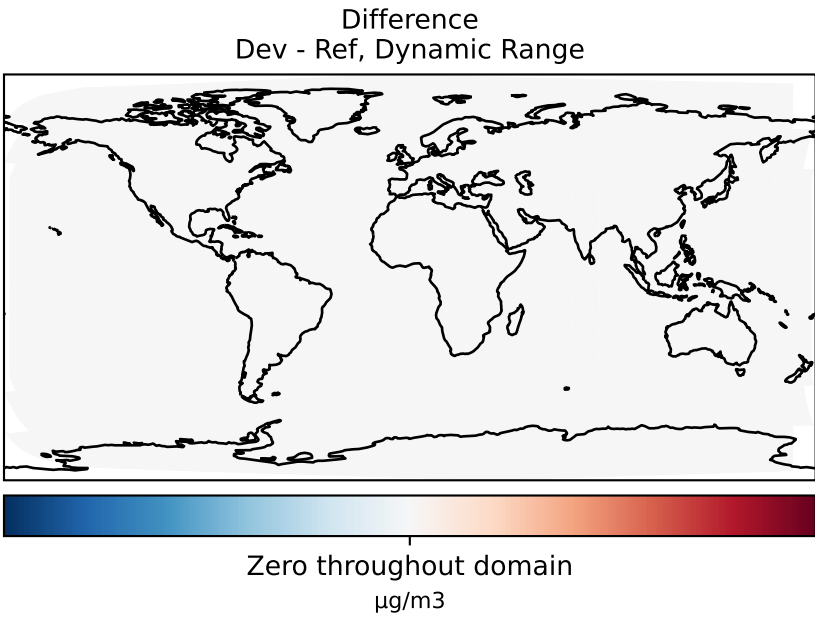
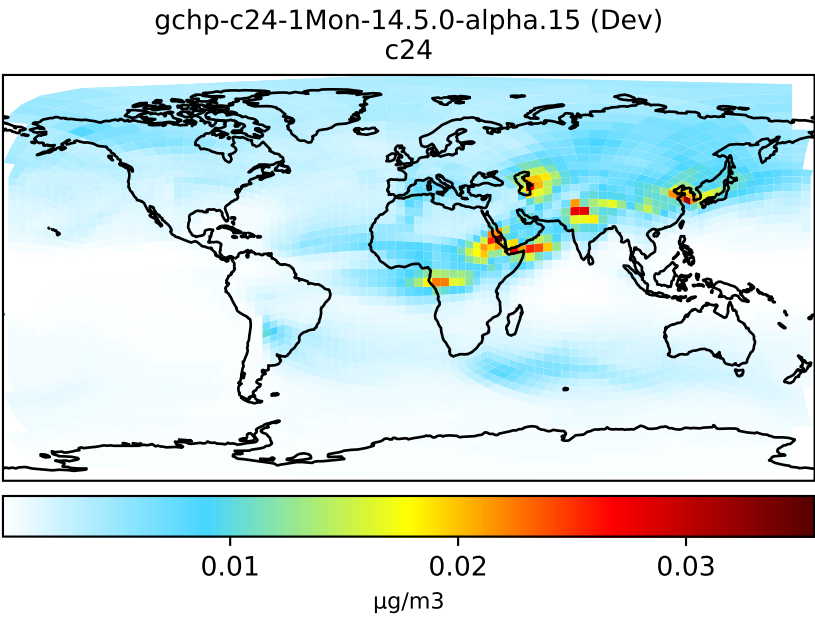
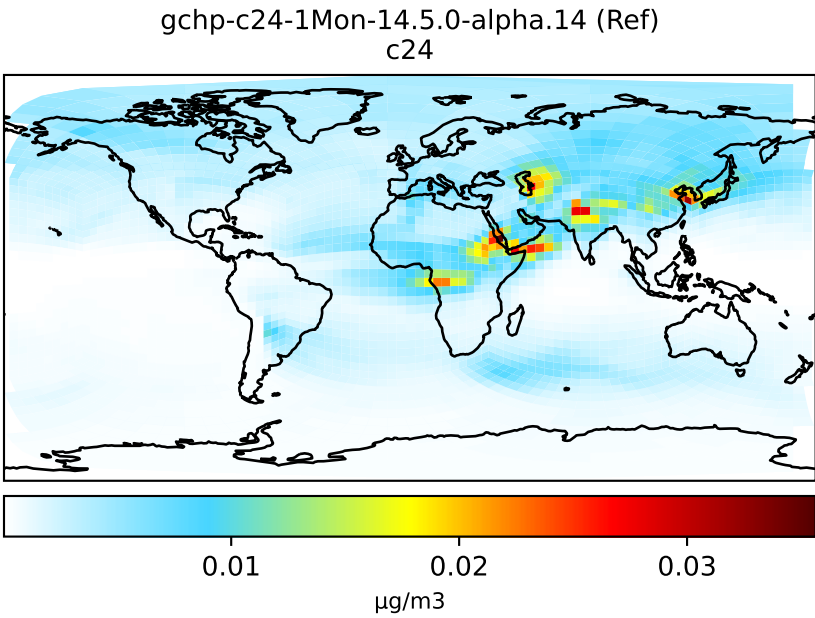
SpeciesConcVV_S04



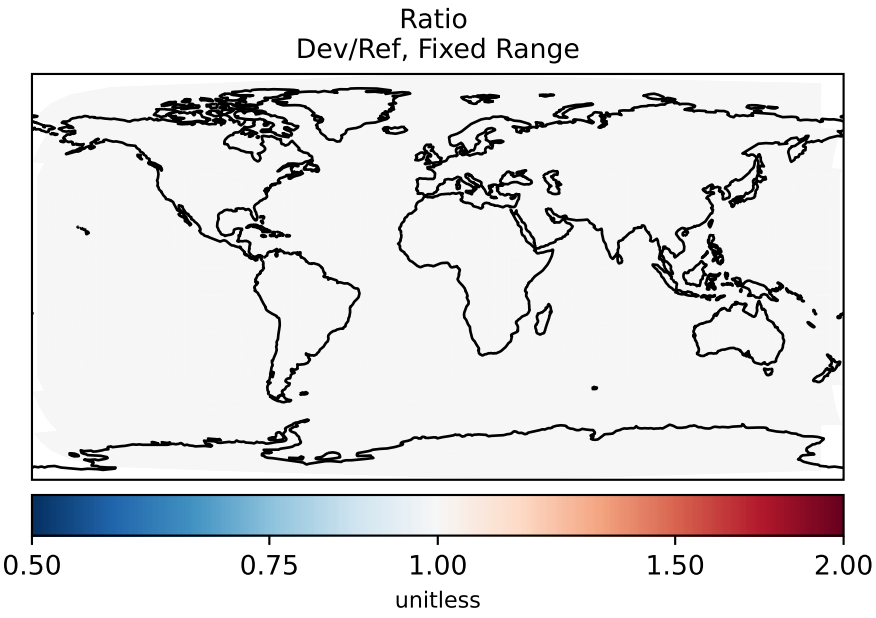
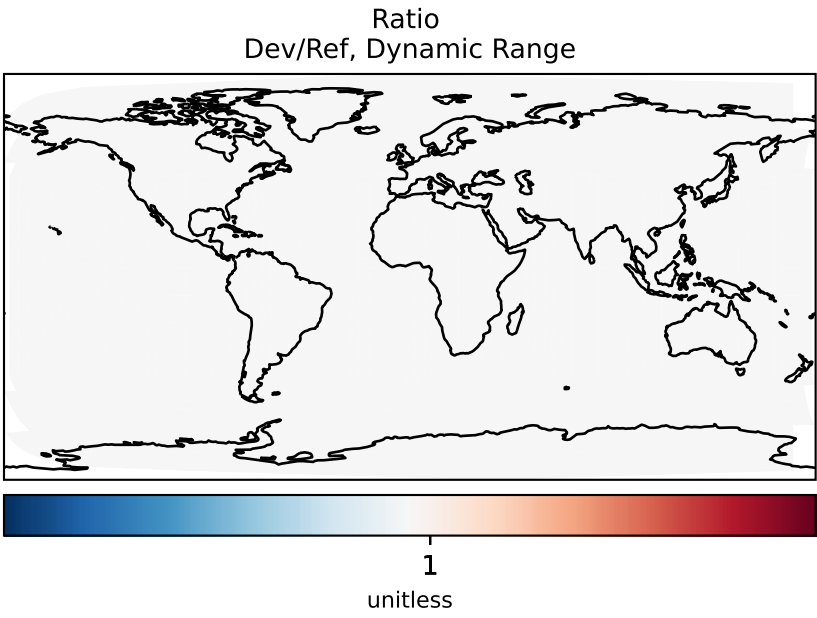
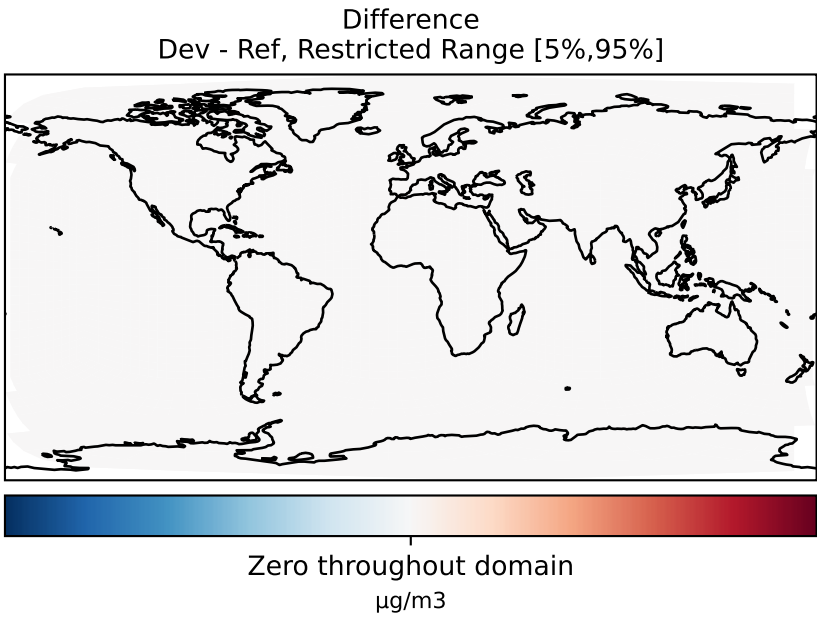
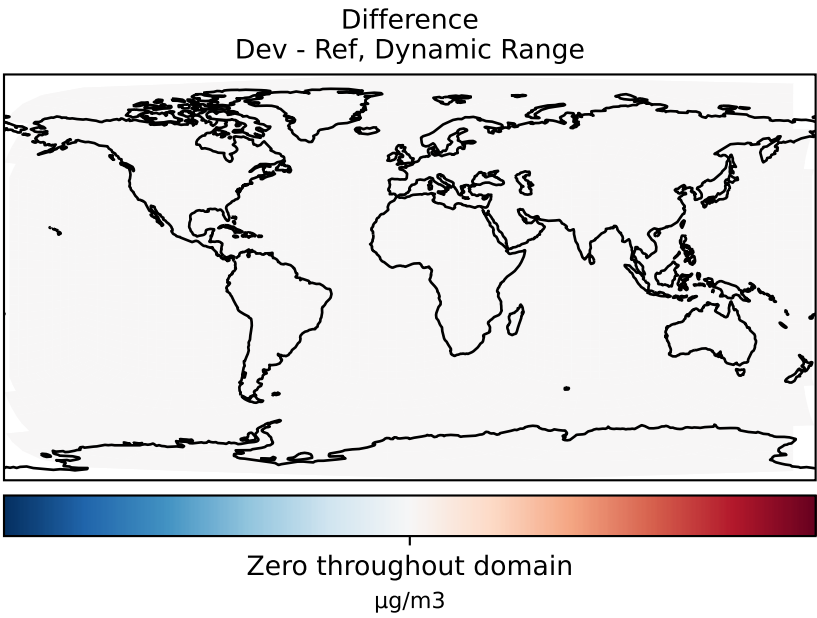
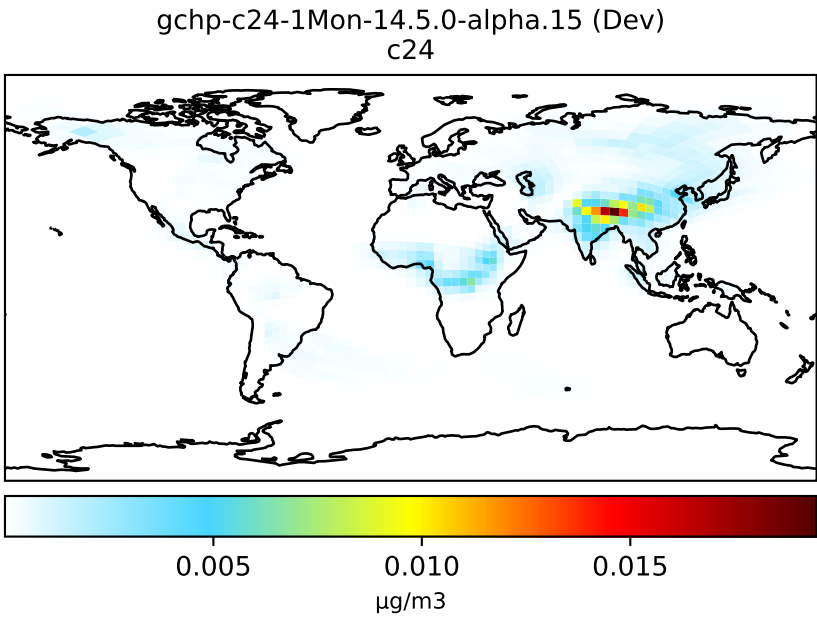
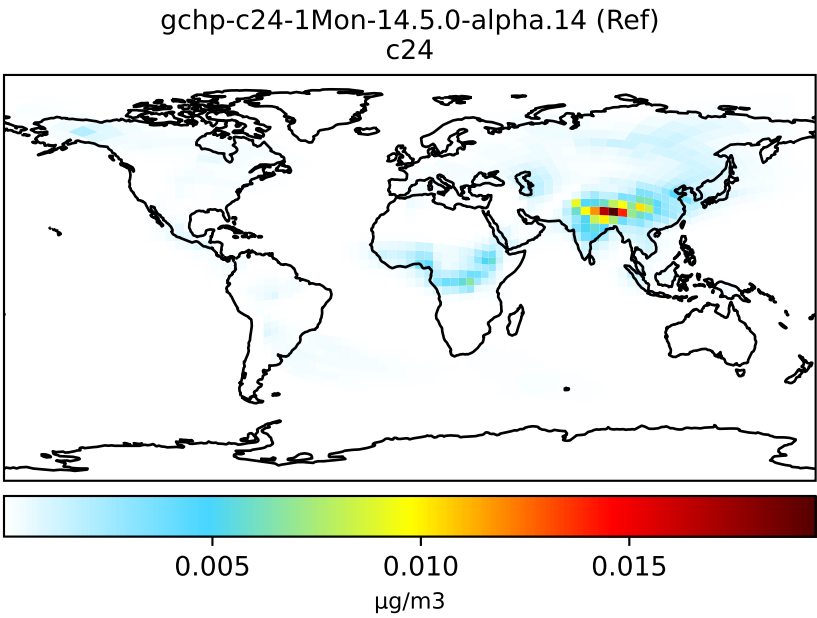
SpeciesConcVV_HMS



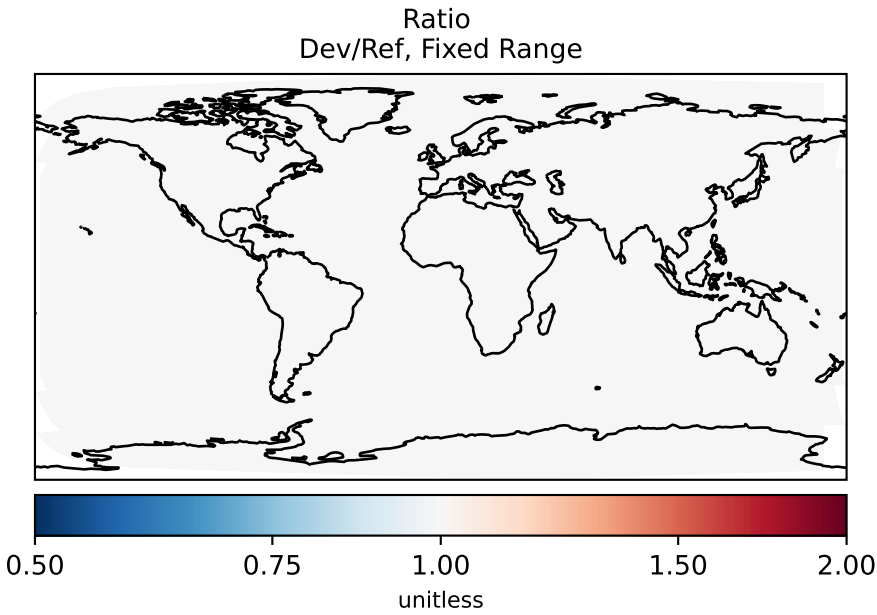
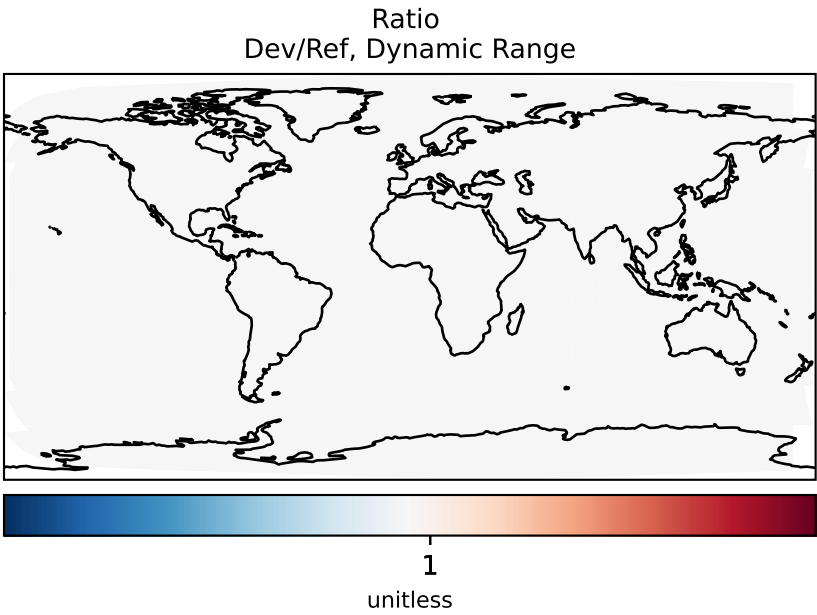
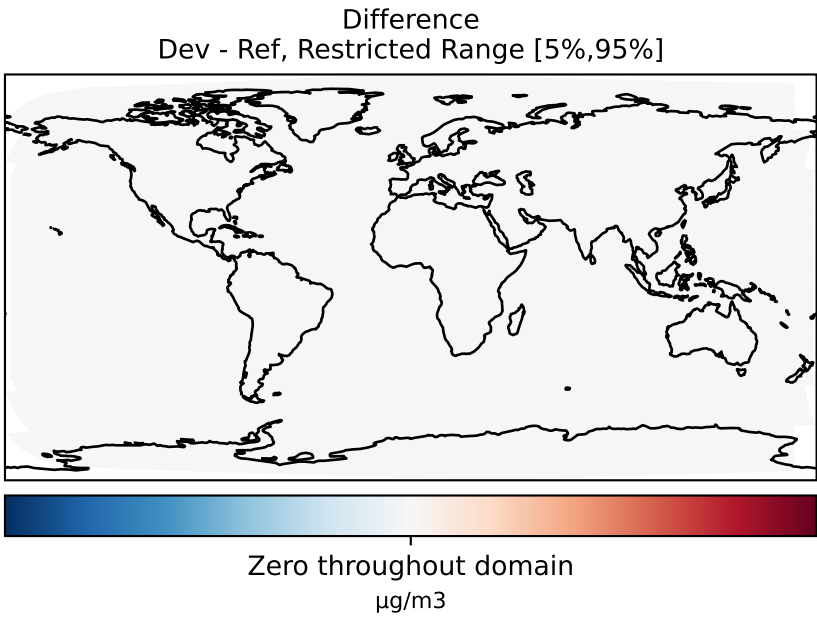
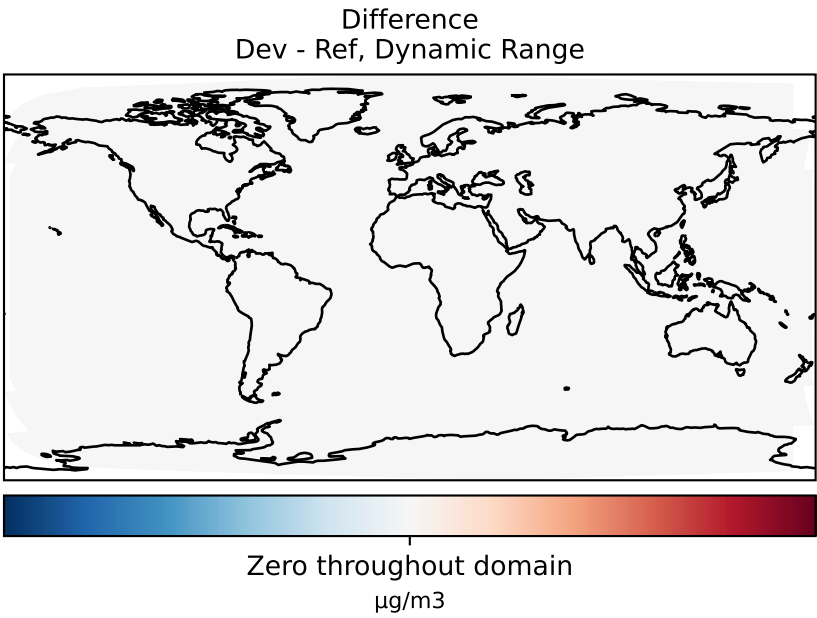
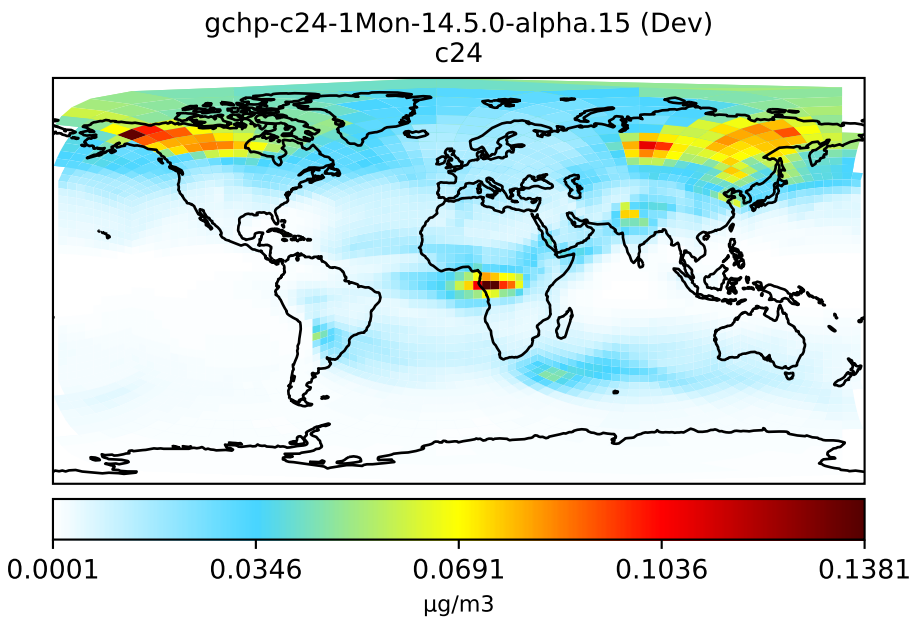
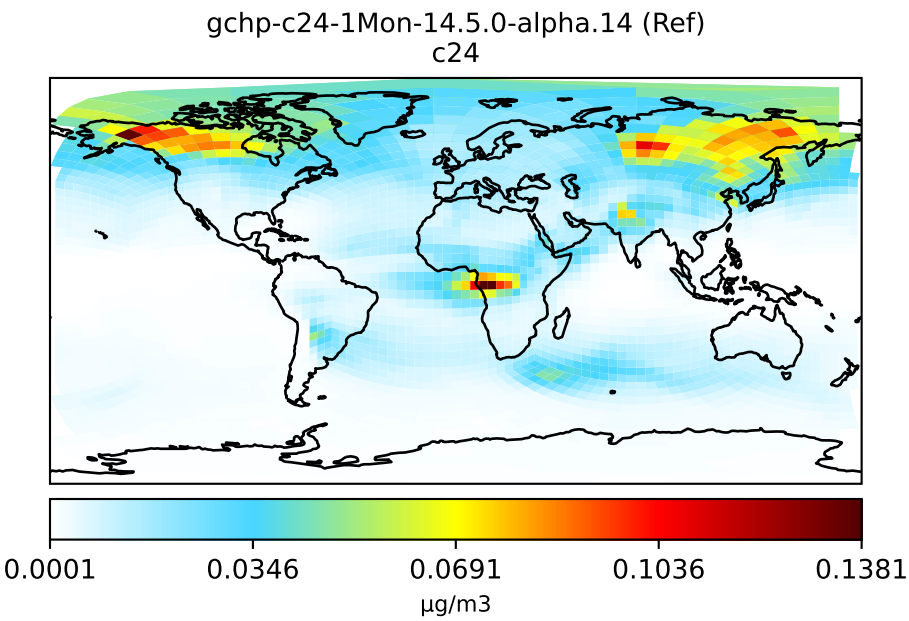
SpeciesConcVV_BCPI



SpeciesConcVW_BCPO

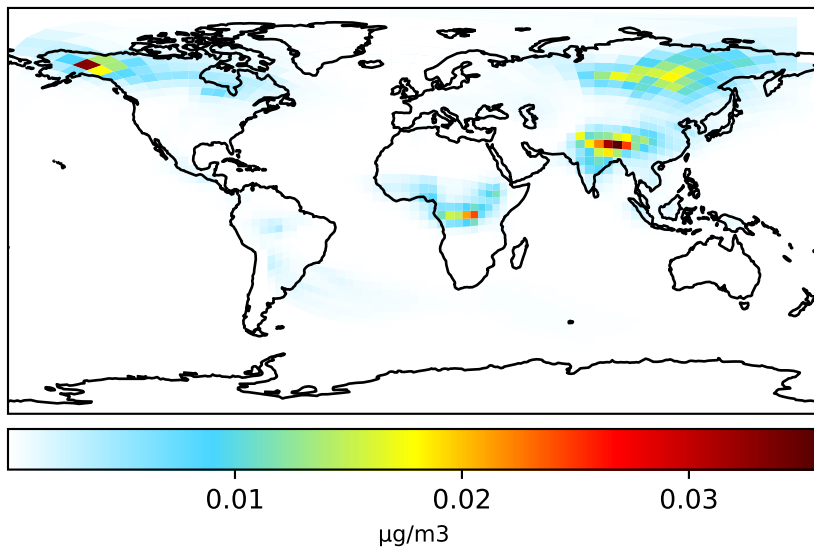


SpeciesConcVV_OCPI

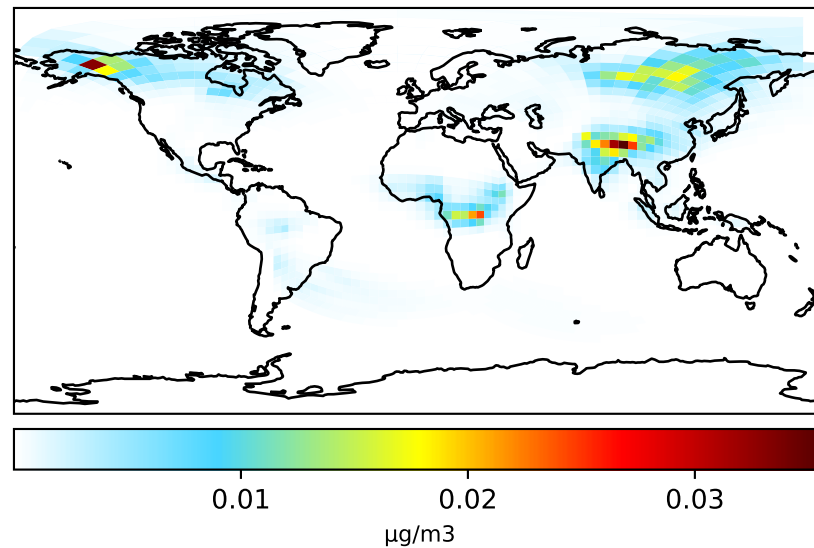


SpeciesConcVV_OCPO

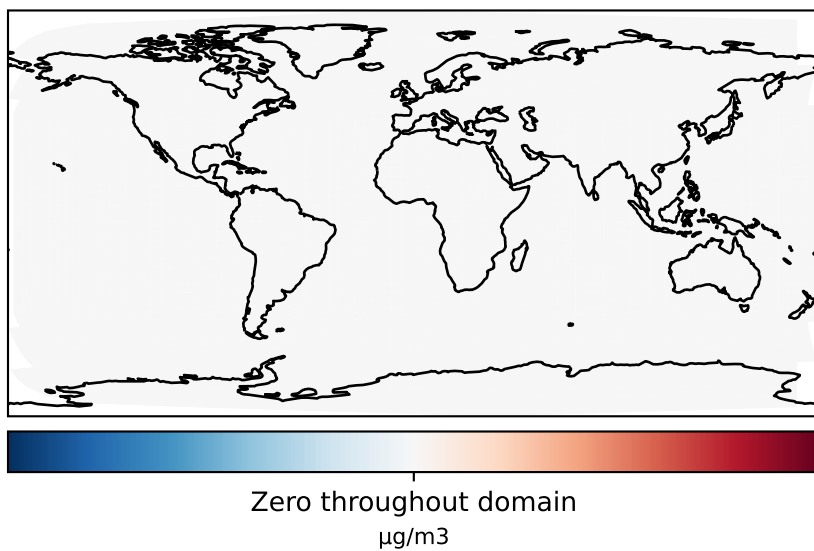
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



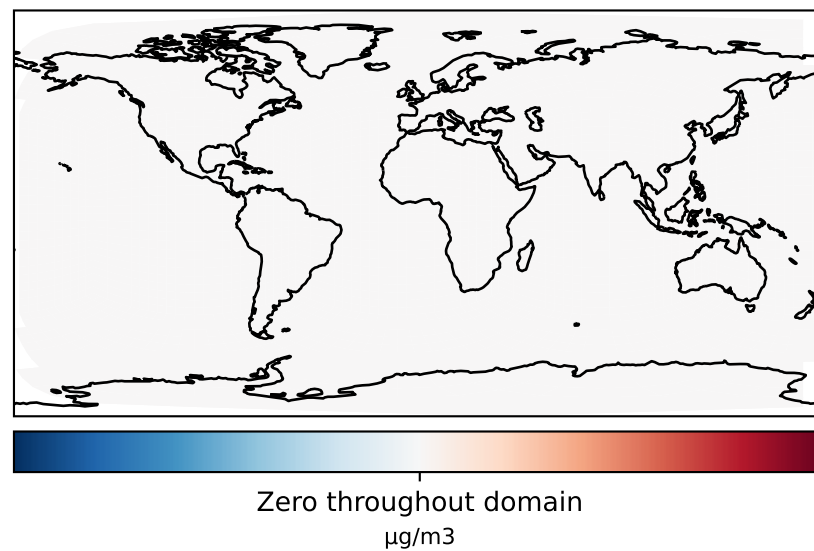
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



Difference
Dev - Ref, Dynamic Range



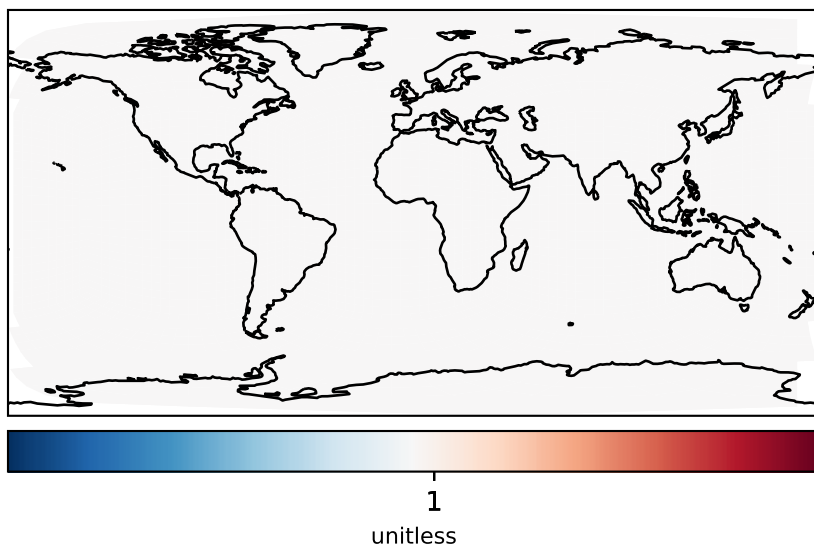
Difference
Dev - Ref, Restricted Range [5%,95%]



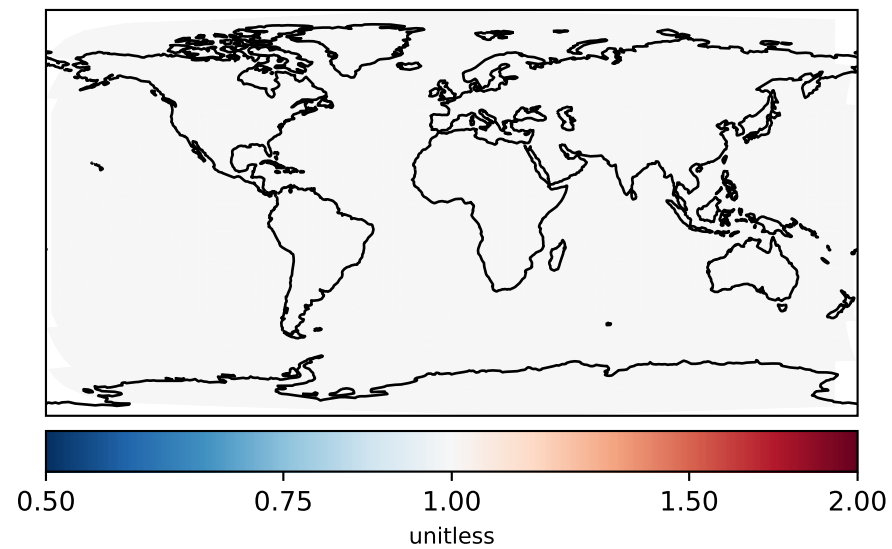
Zero throughout domain
 $\mu\text{g}/\text{m}^3$

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

Ratio
Dev/Ref, Dynamic Range

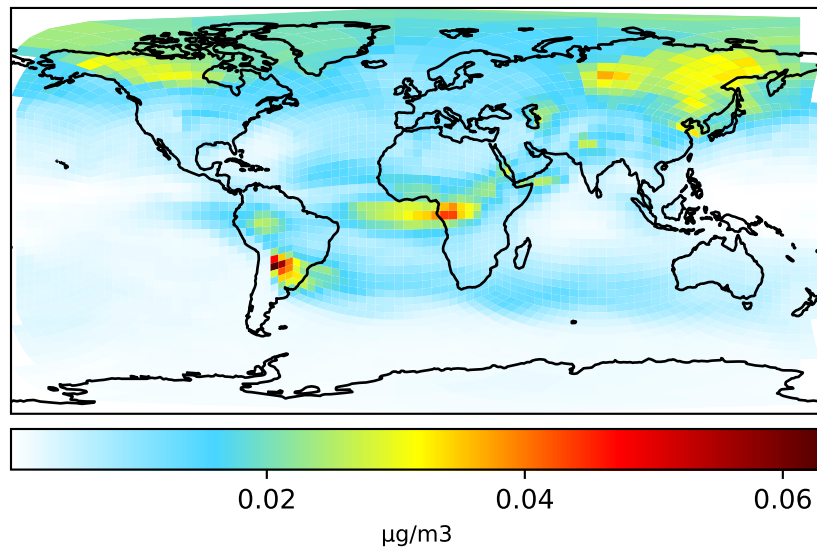


Ratio
Dev/Ref, Fixed Range

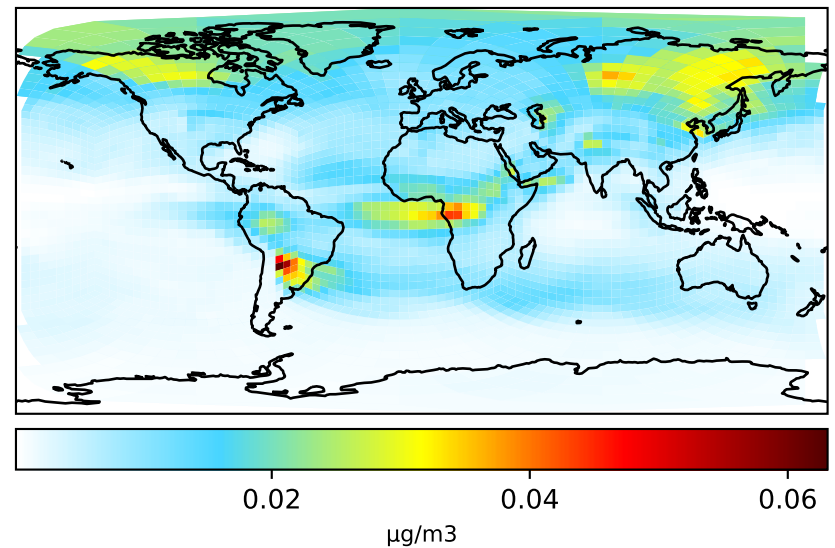


SpeciesConcVV_Complex_SOA

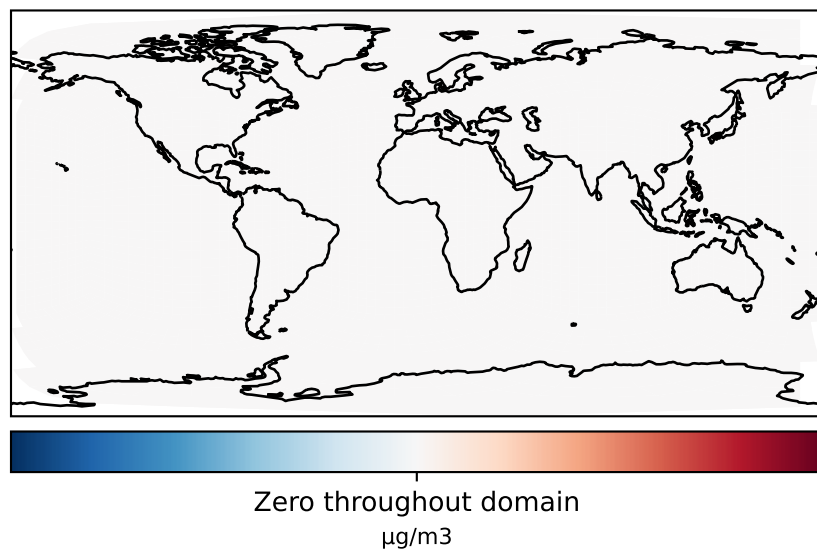
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



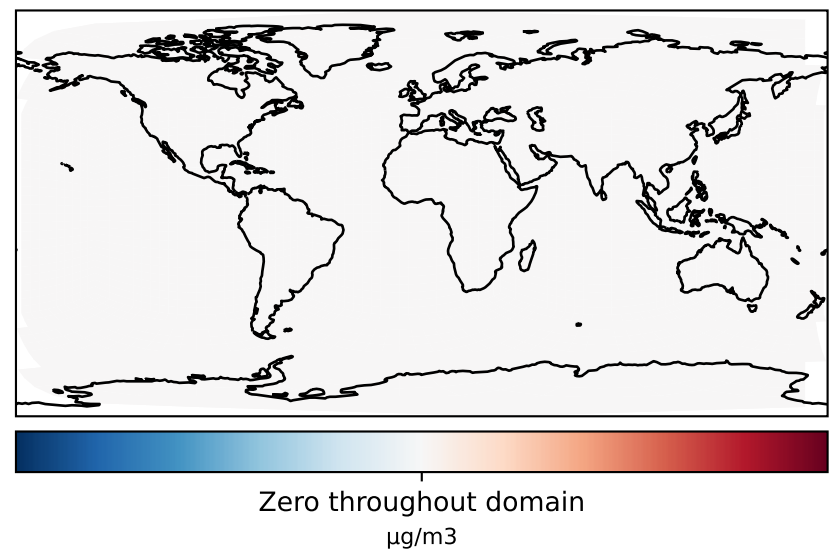
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



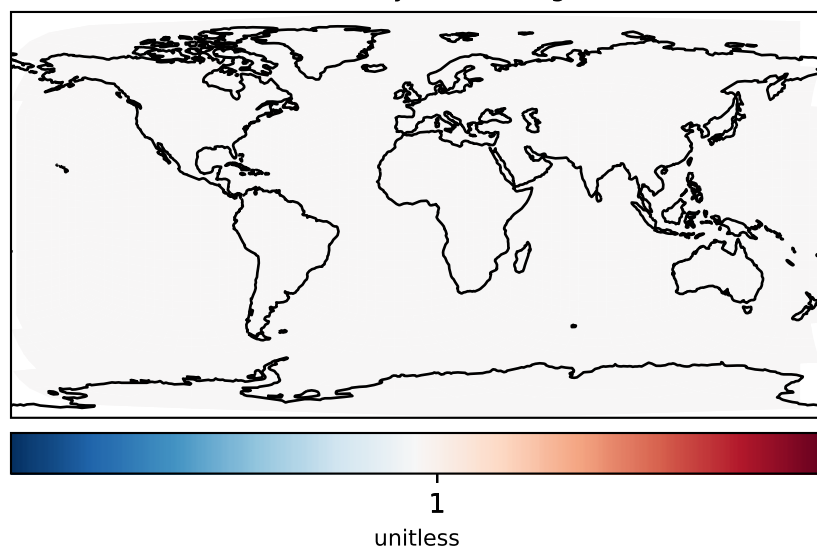
Difference
Dev - Ref, Dynamic Range



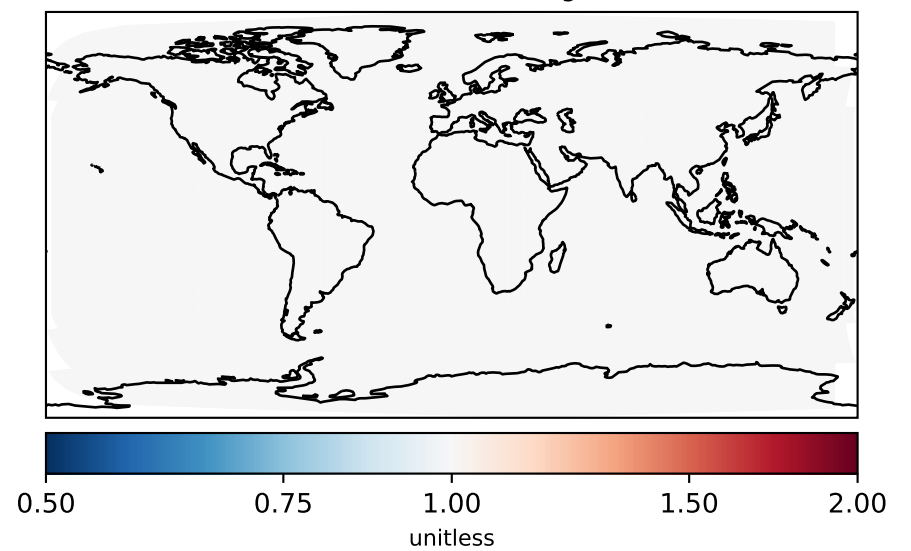
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

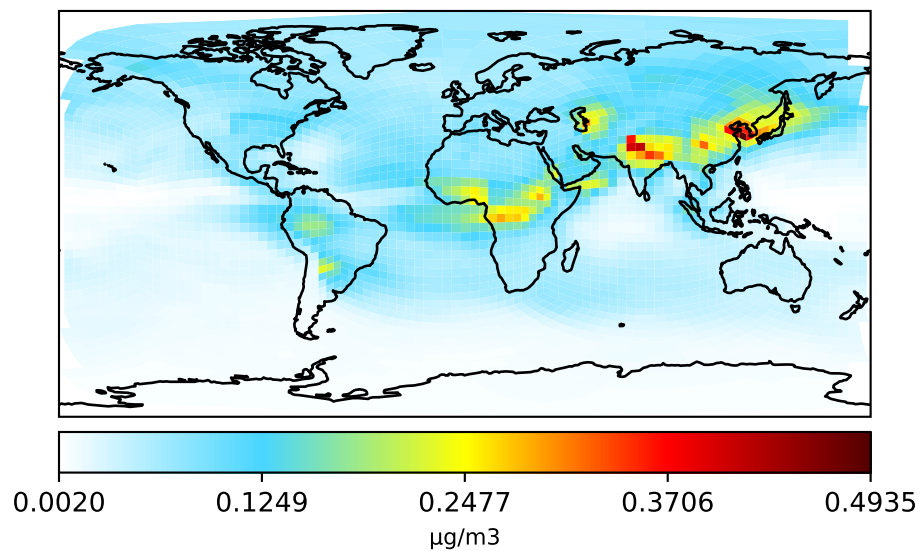


Ratio
Dev/Ref, Fixed Range

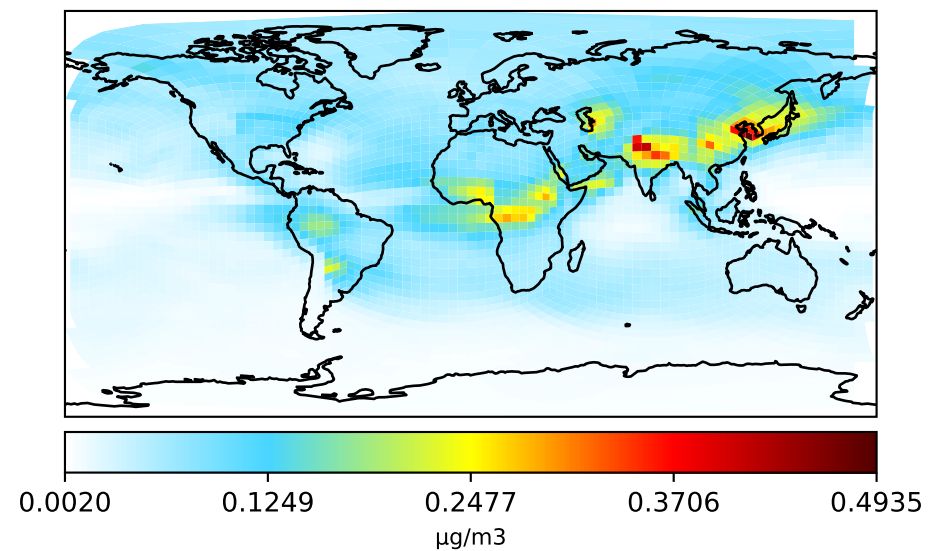


SpeciesConcVV_Simple_SOA

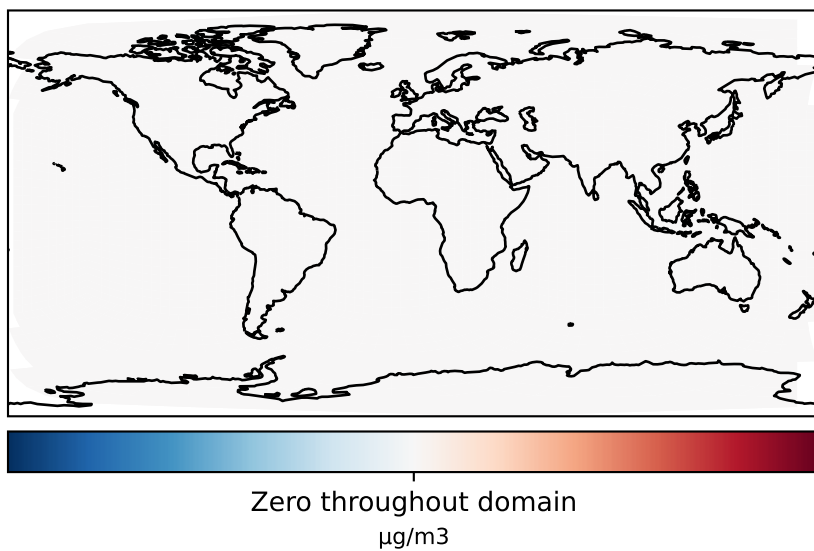
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



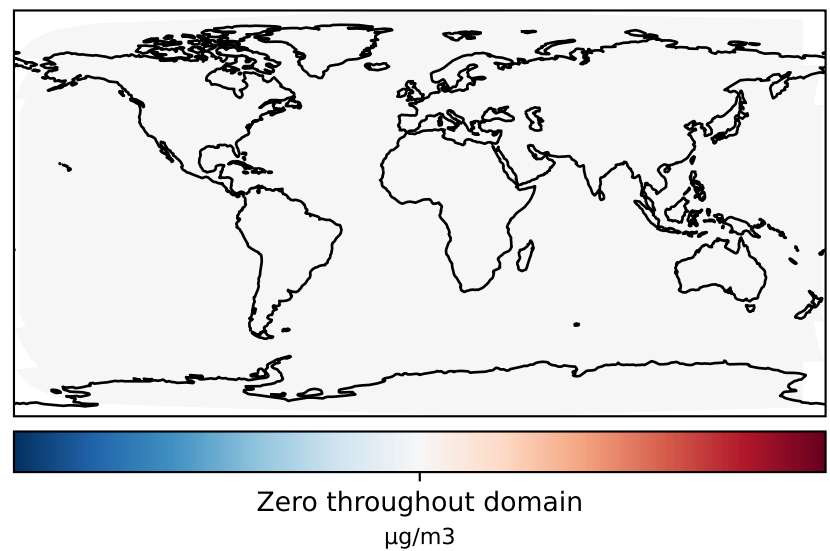
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



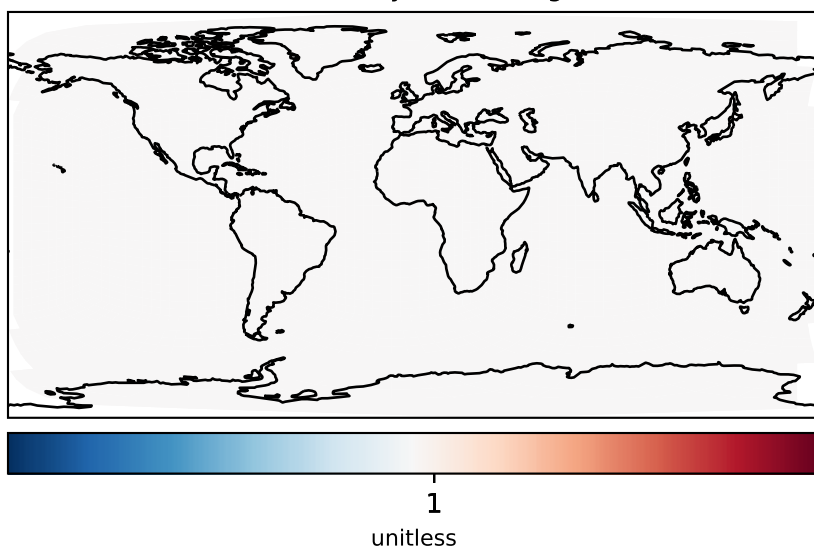
Difference
Dev - Ref, Dynamic Range



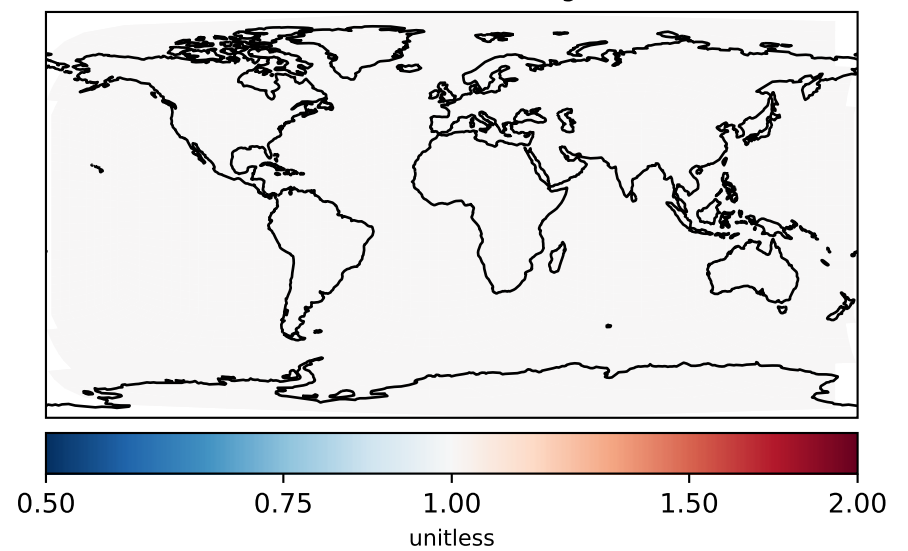
Difference
Dev - Ref, Restricted Range [5%,95%]



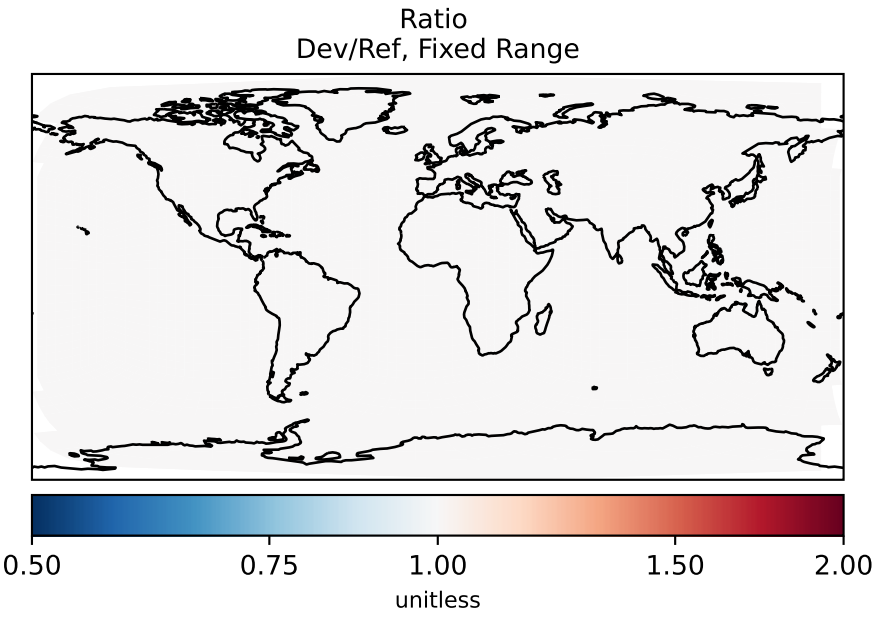
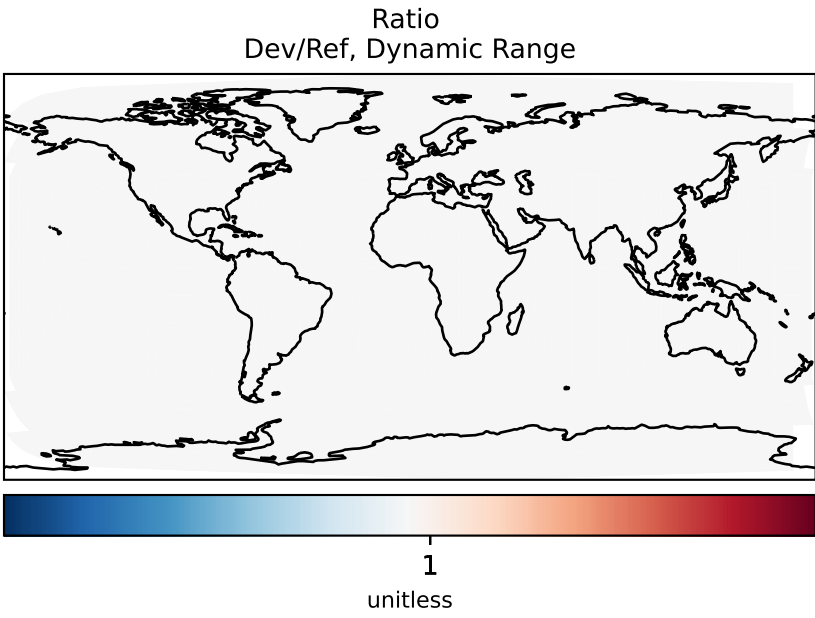
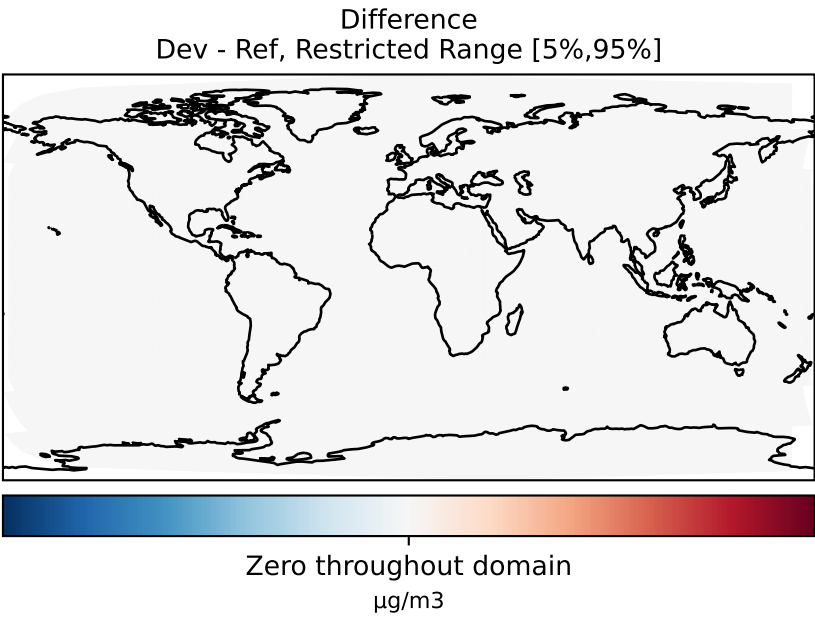
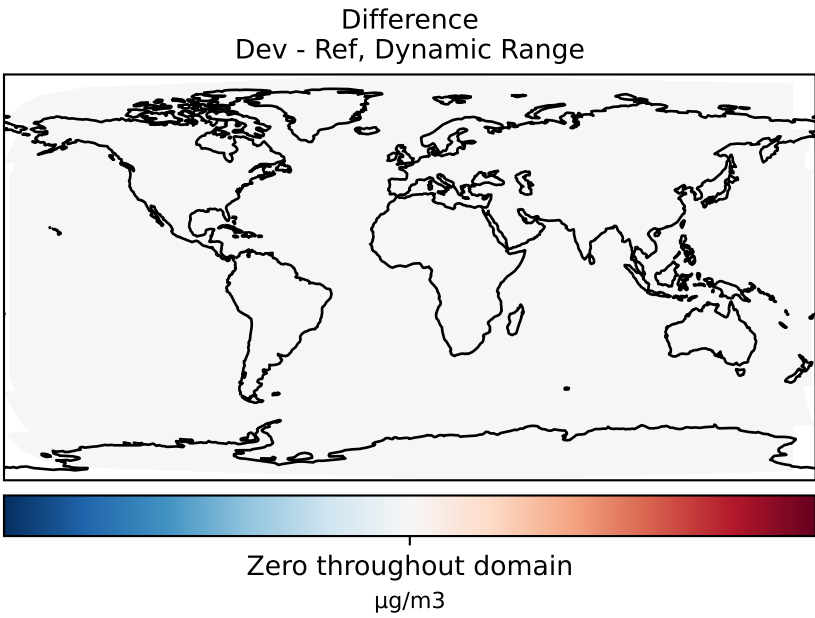
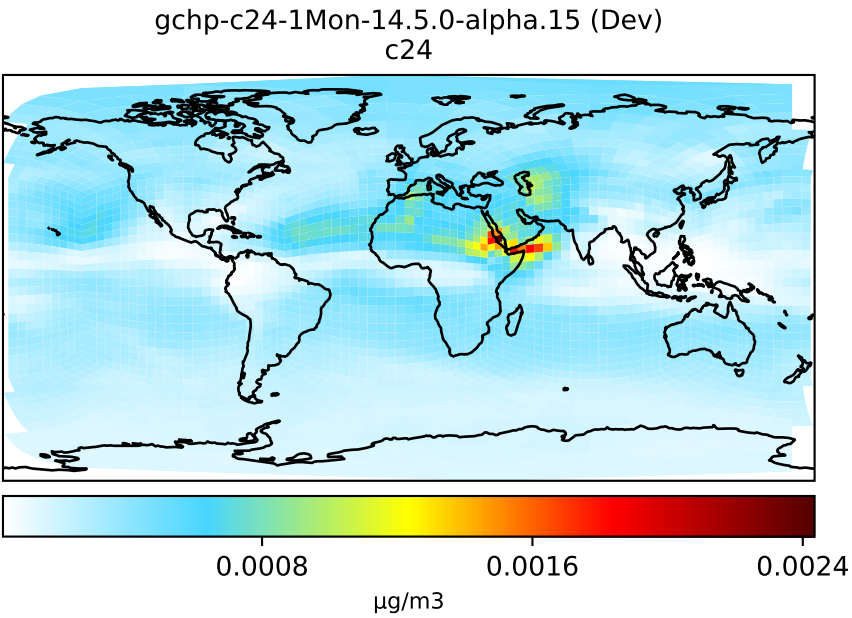
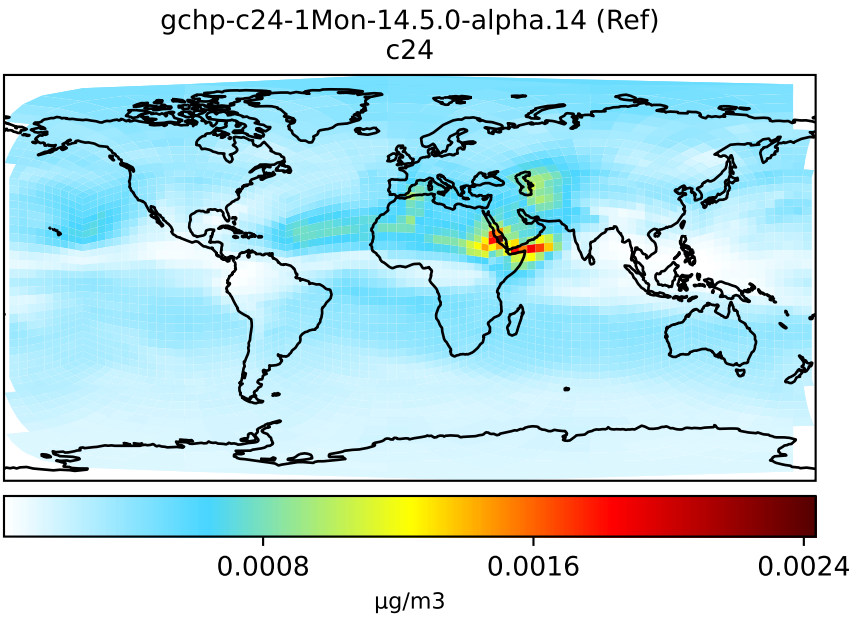
Ratio
Dev/Ref, Dynamic Range



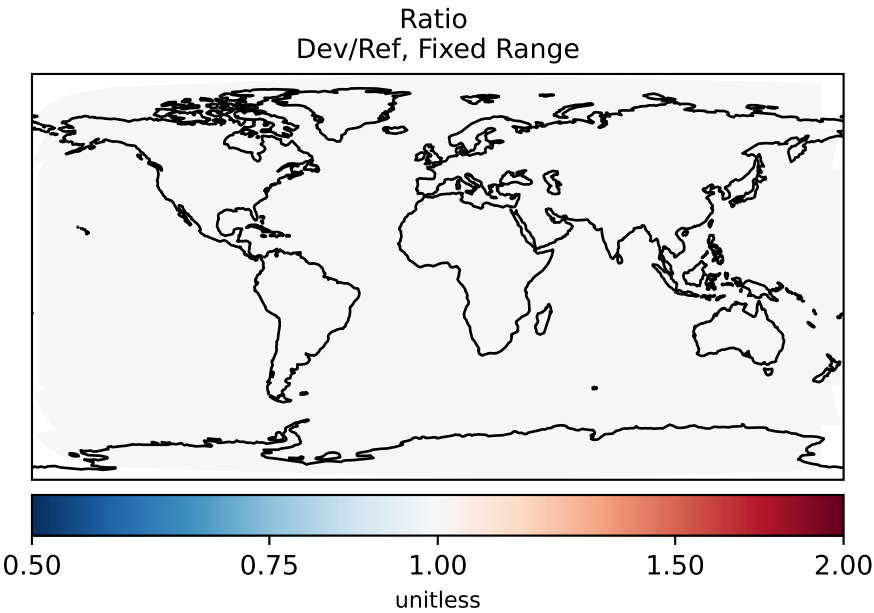
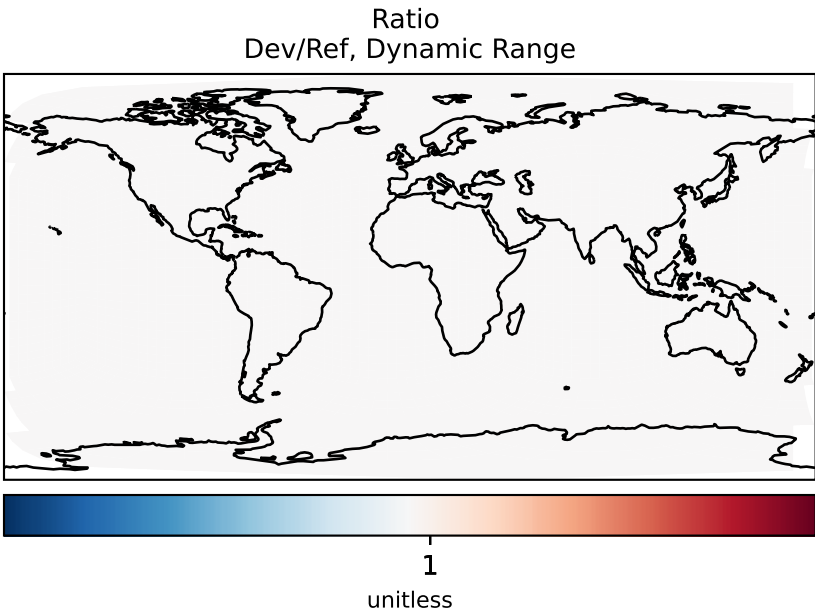
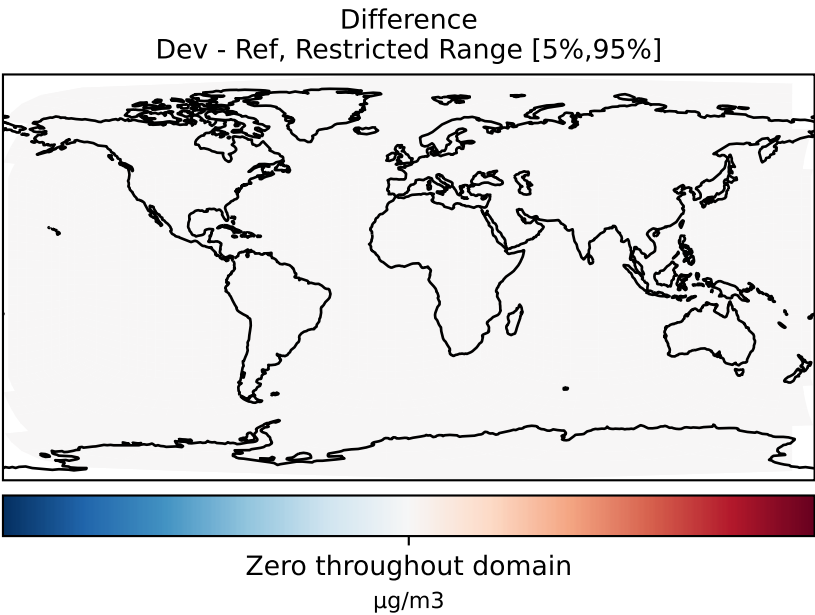
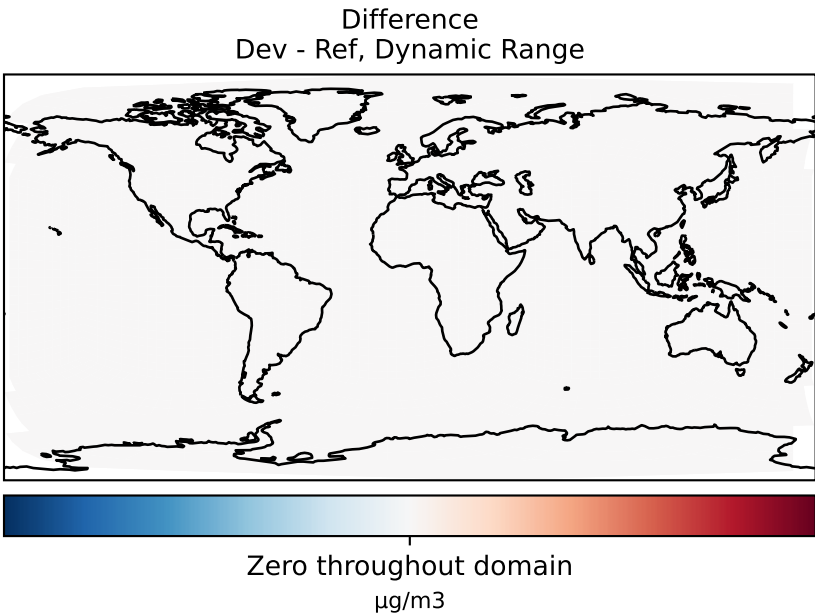
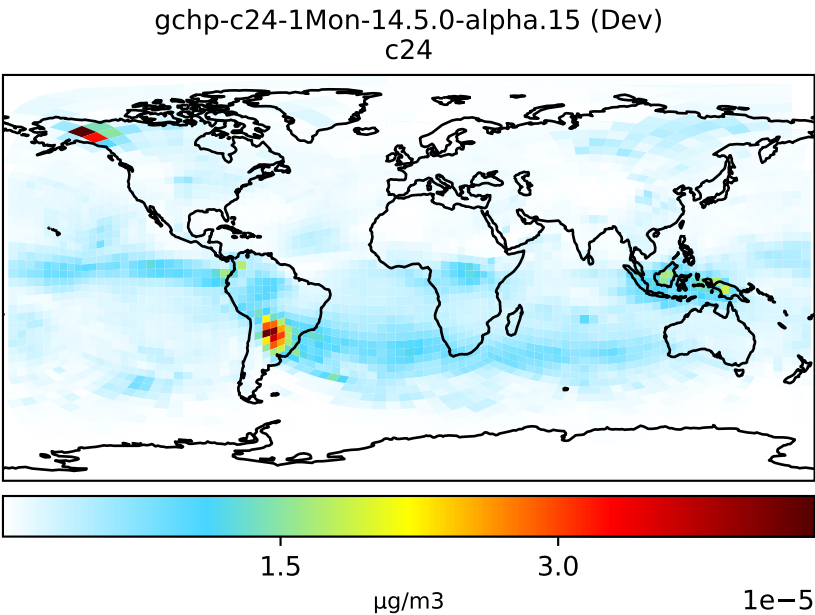
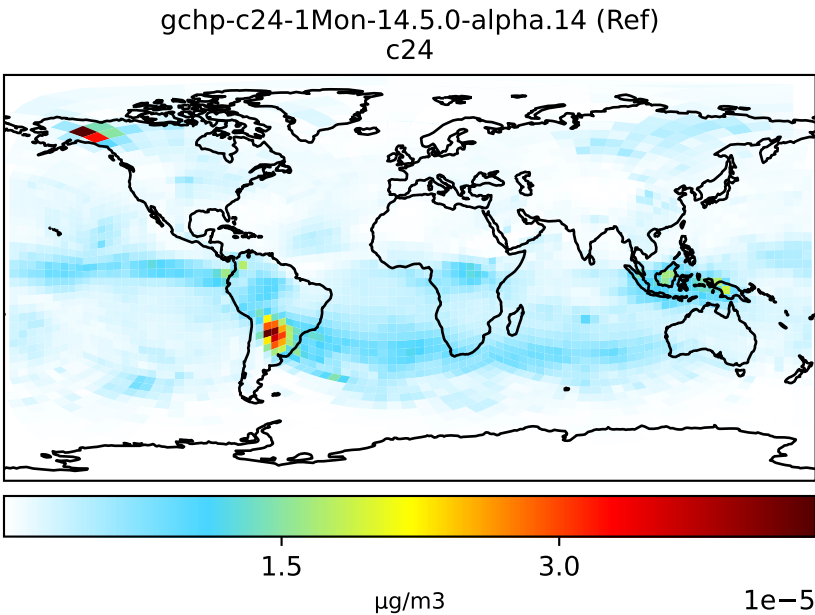
Ratio
Dev/Ref, Fixed Range



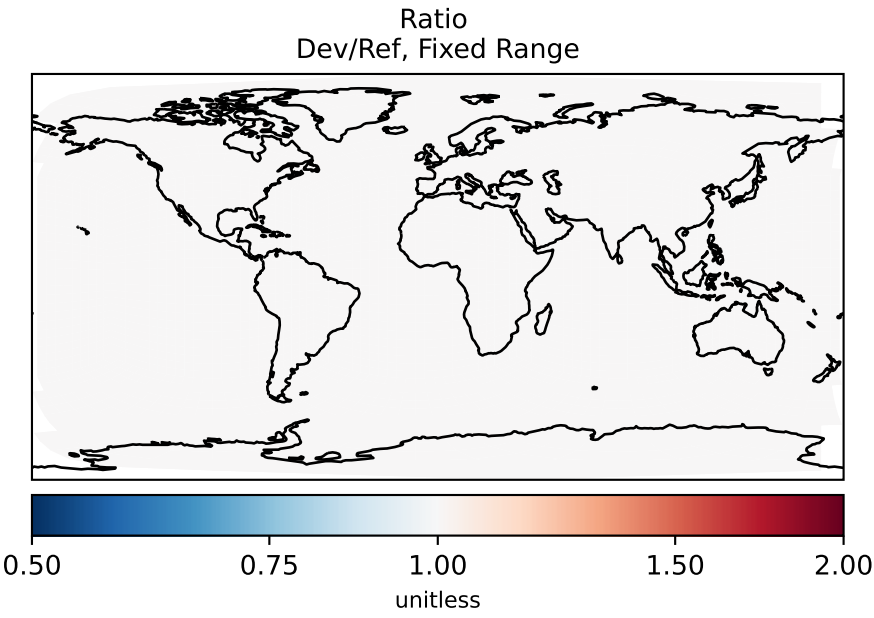
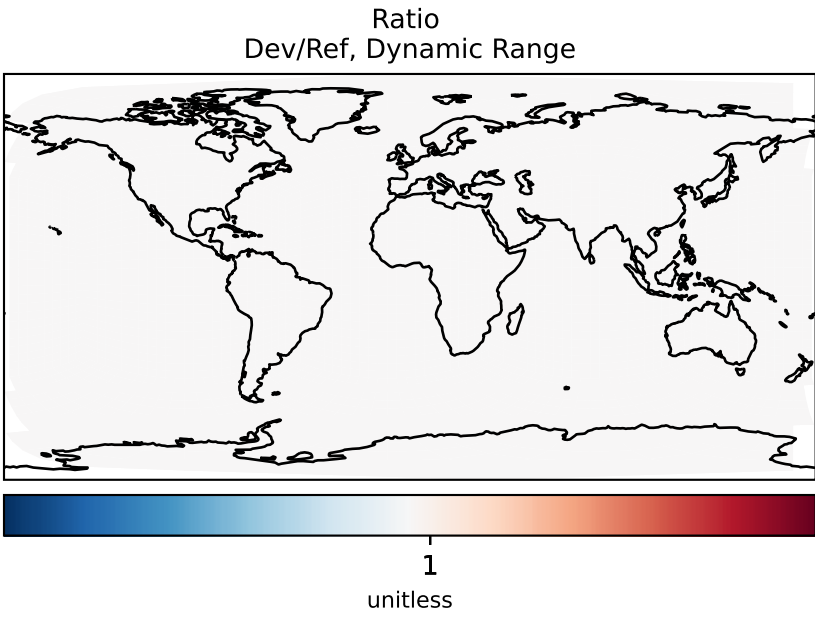
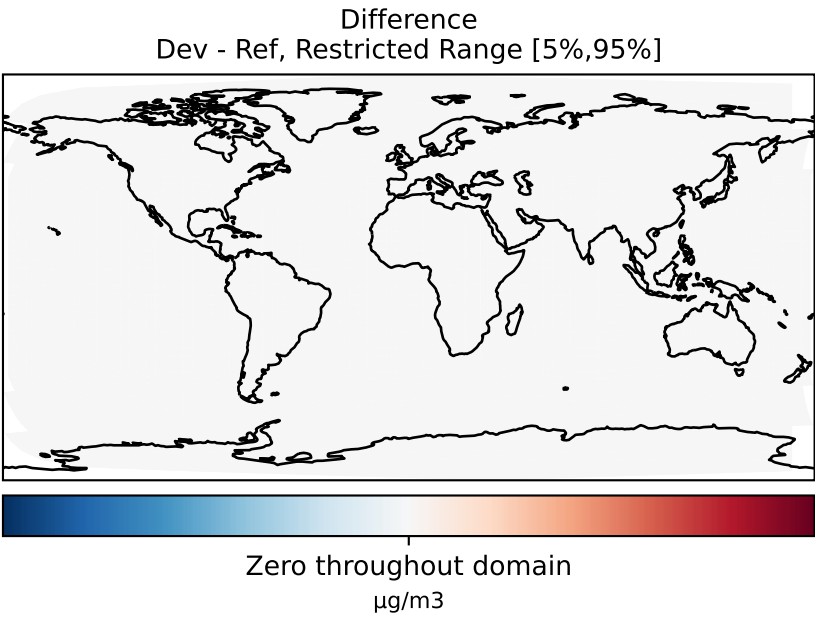
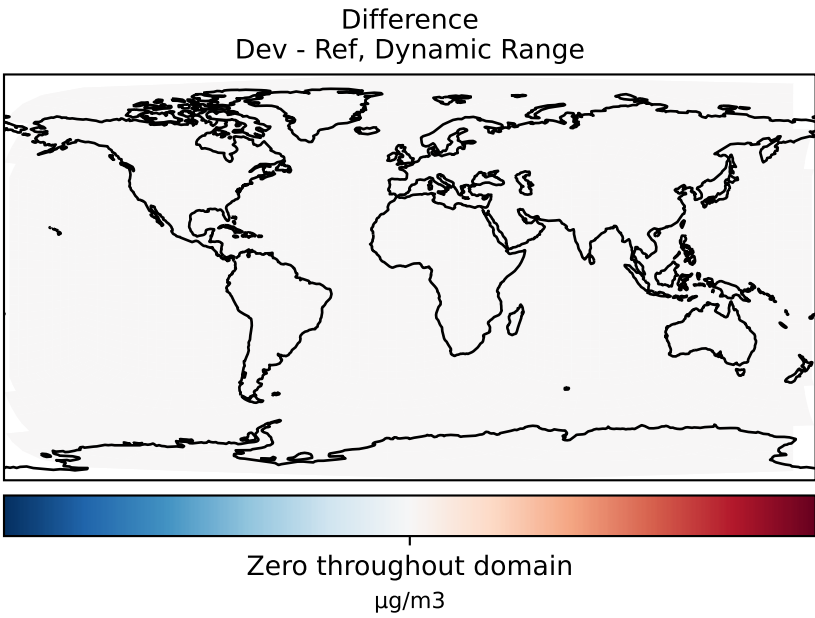
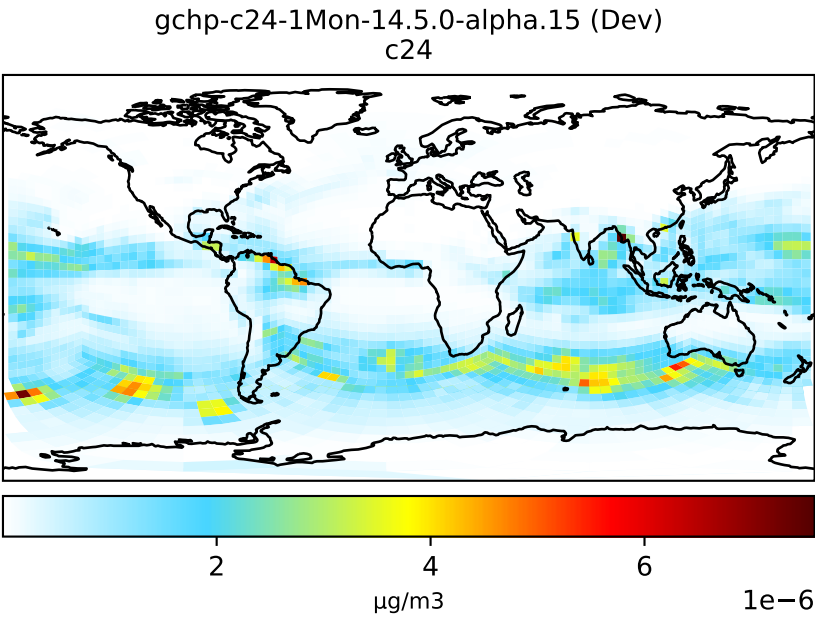
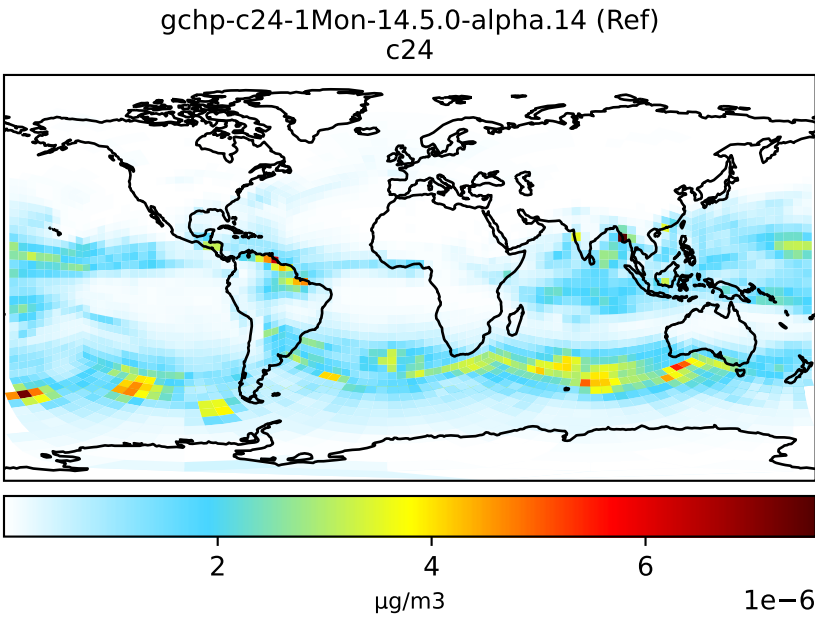
SpeciesConcVV_AERI



SpeciesConcVW_BrSALA

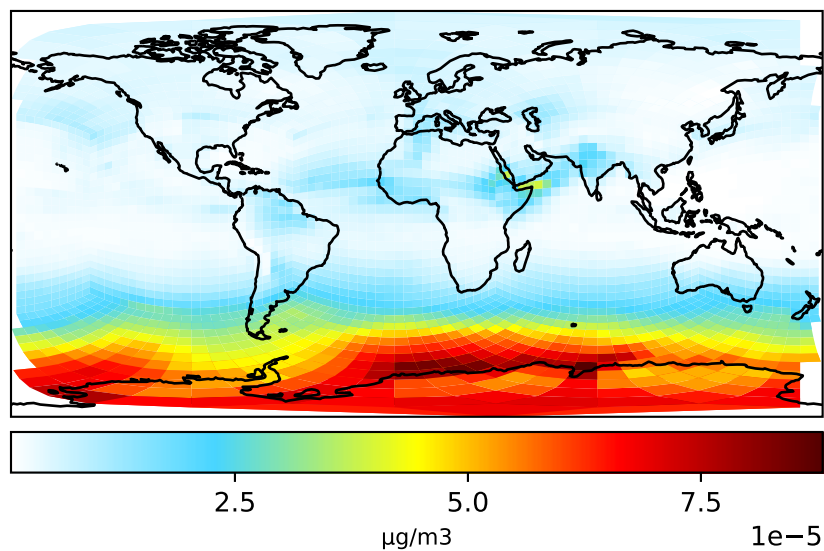


SpeciesConcVW_BrSALC

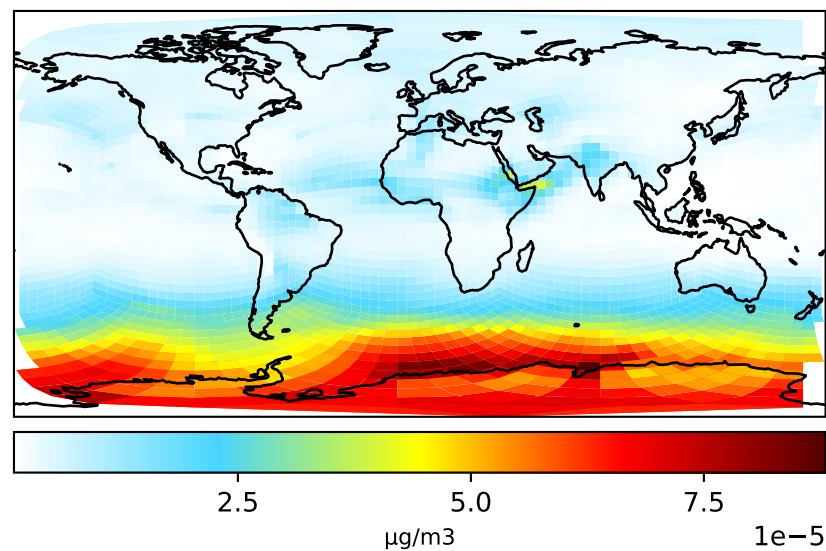


SpeciesConcVV_ISALA

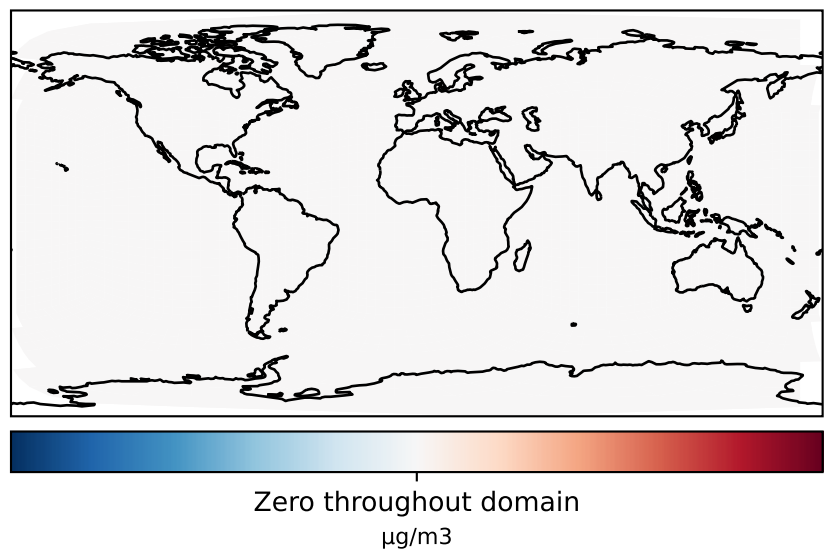
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



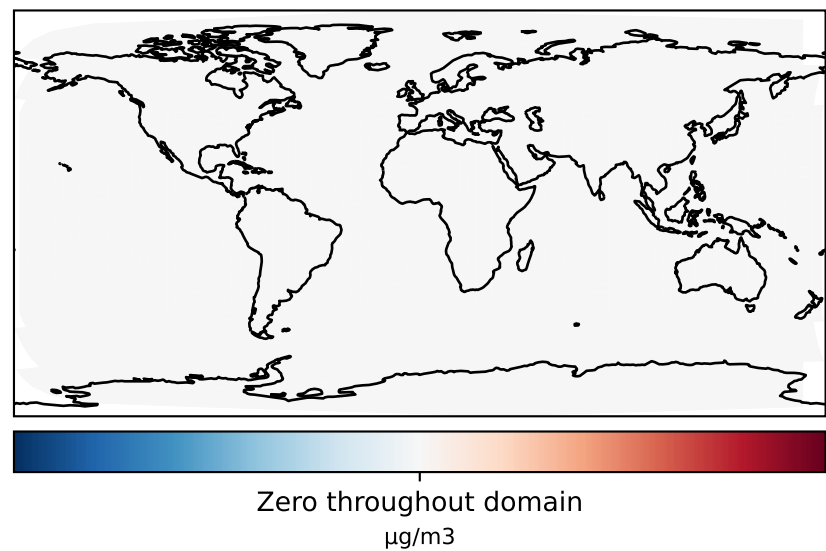
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



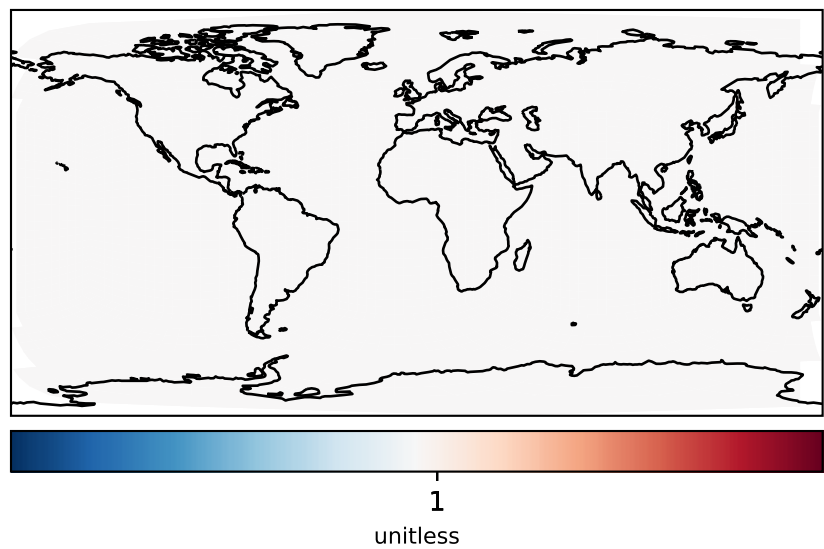
Difference
Dev - Ref, Dynamic Range



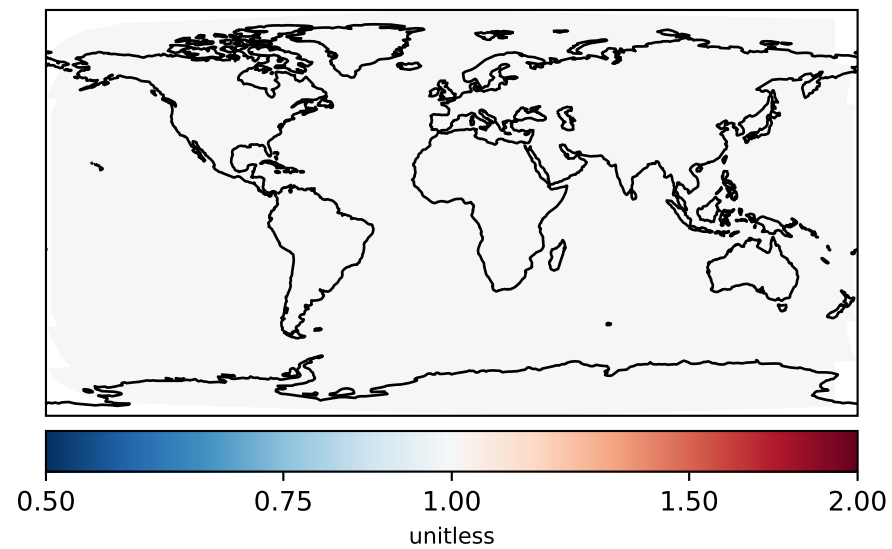
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

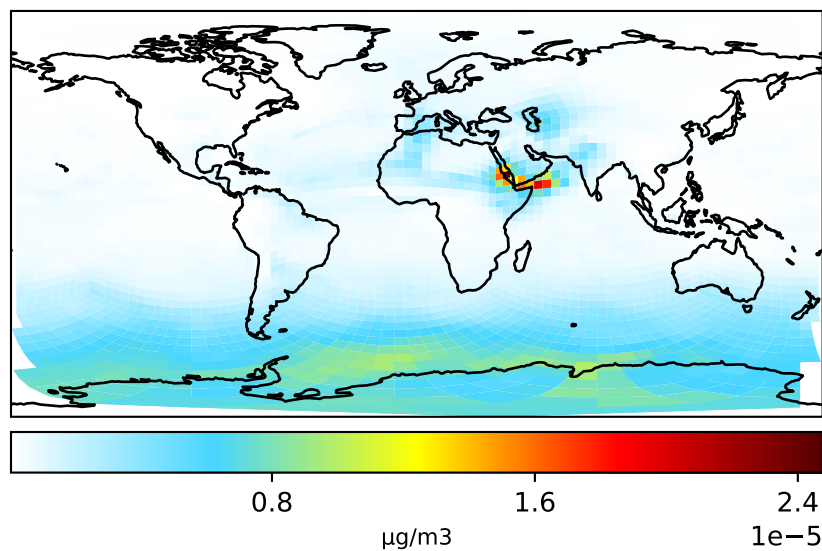


Ratio
Dev/Ref, Fixed Range

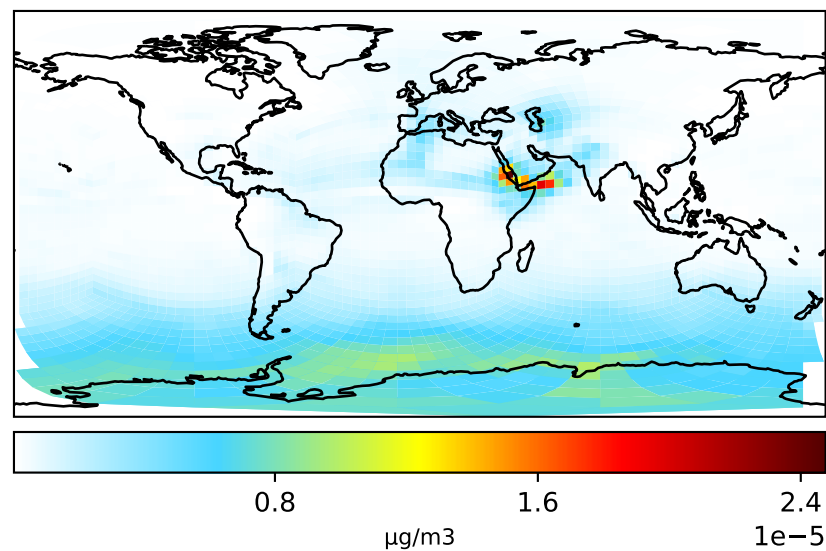


SpeciesConcVV_ISALC

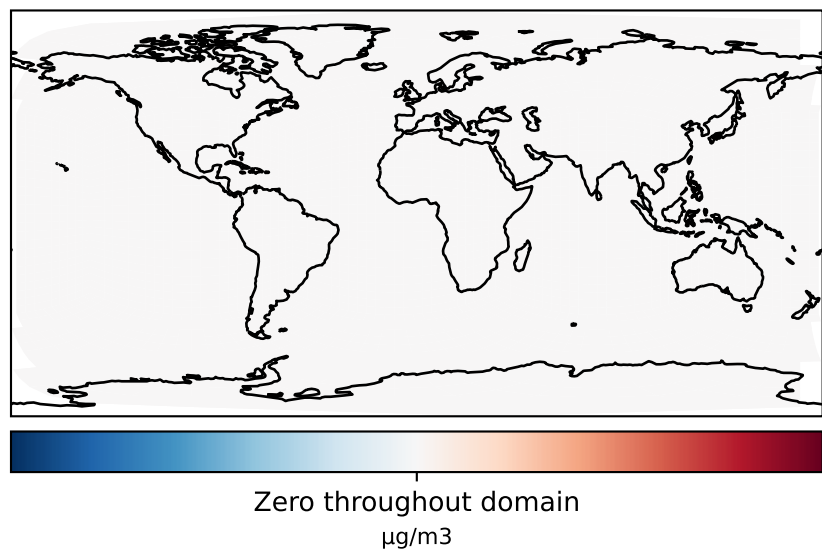
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



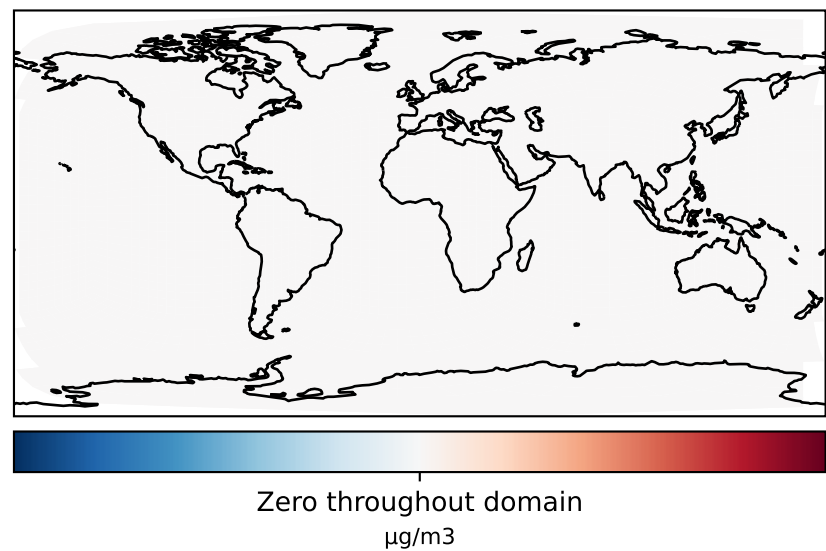
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



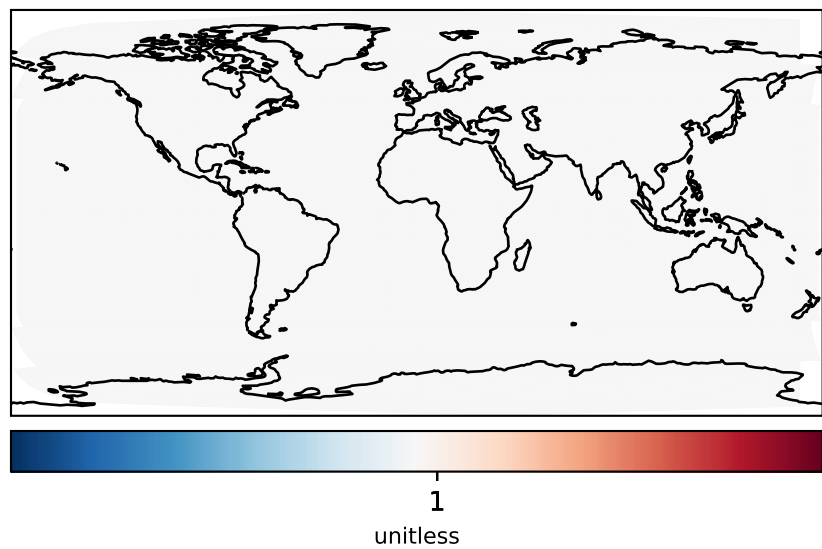
Difference
Dev - Ref, Dynamic Range



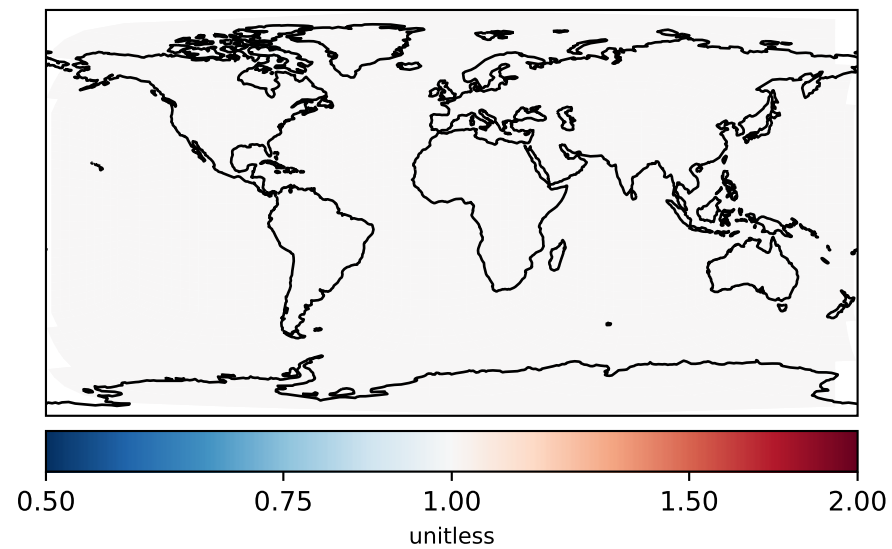
Difference
Dev - Ref, Restricted Range [5%,95%]



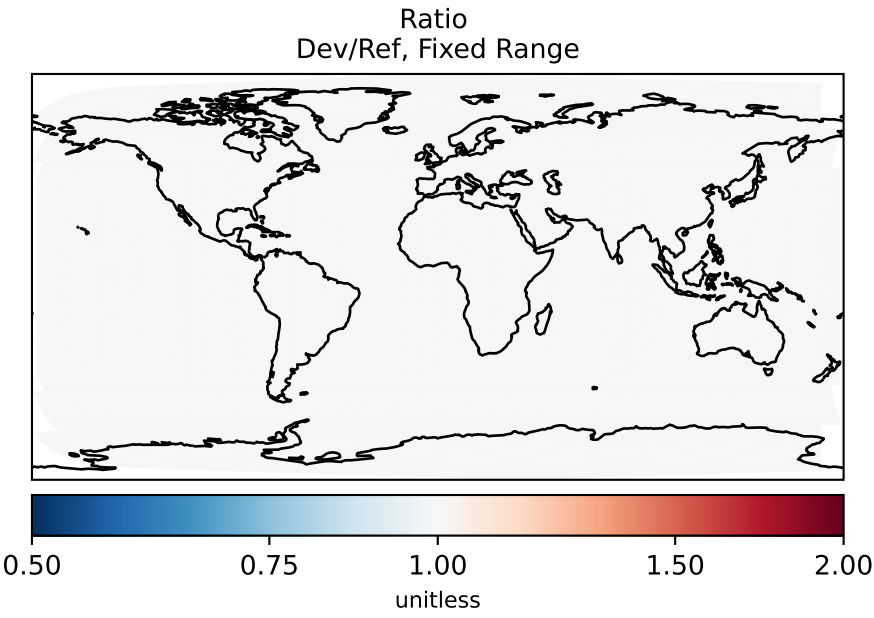
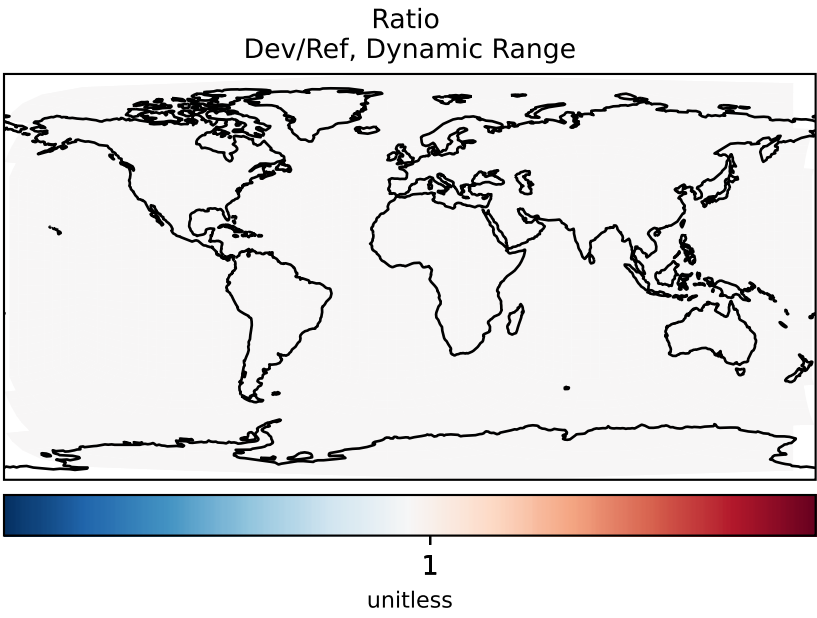
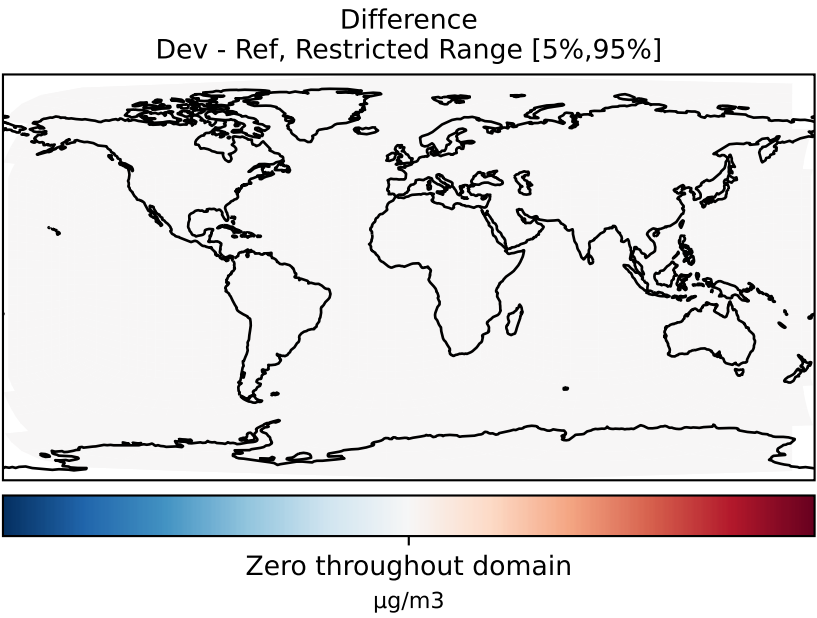
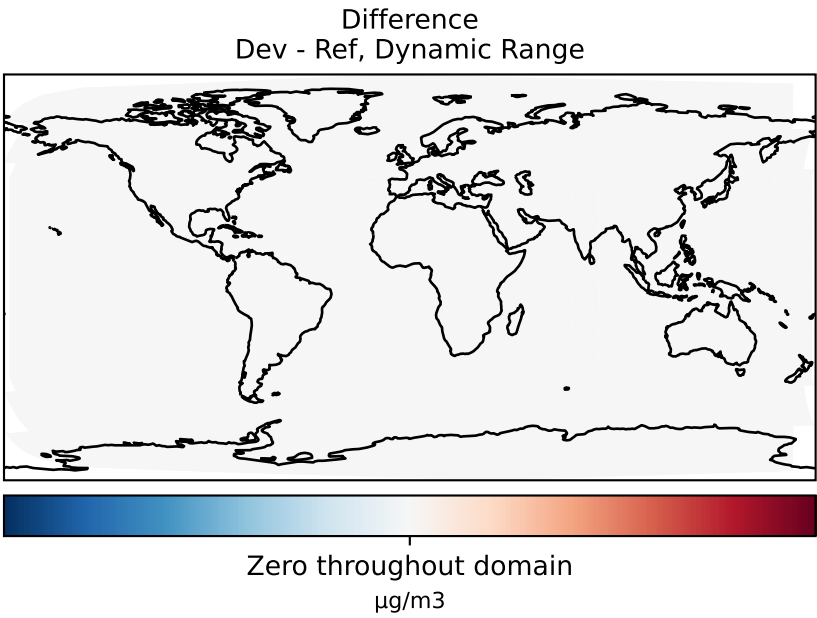
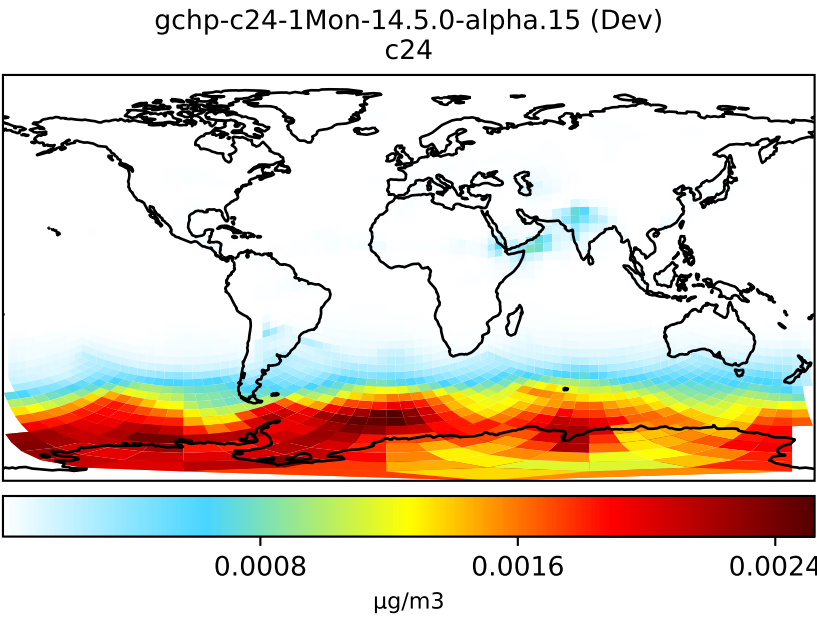
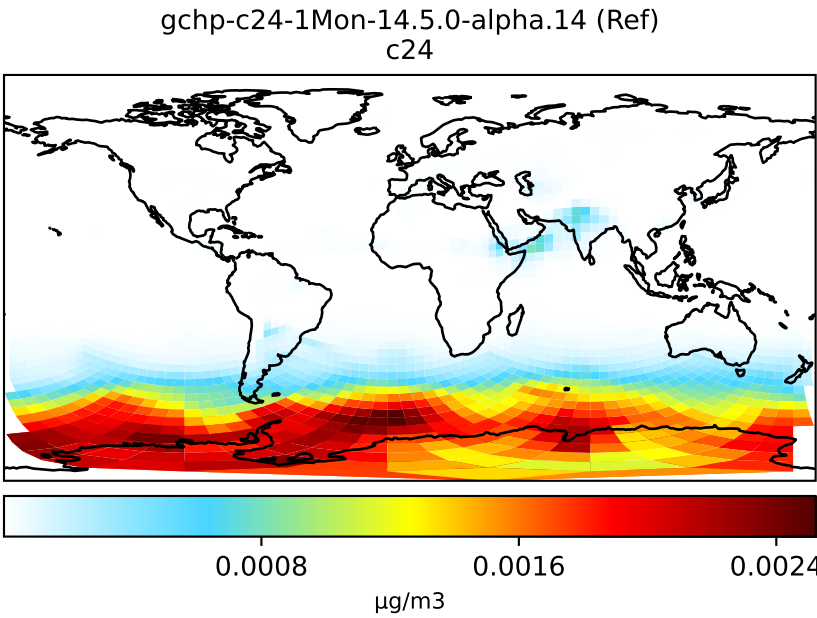
Ratio
Dev/Ref, Dynamic Range



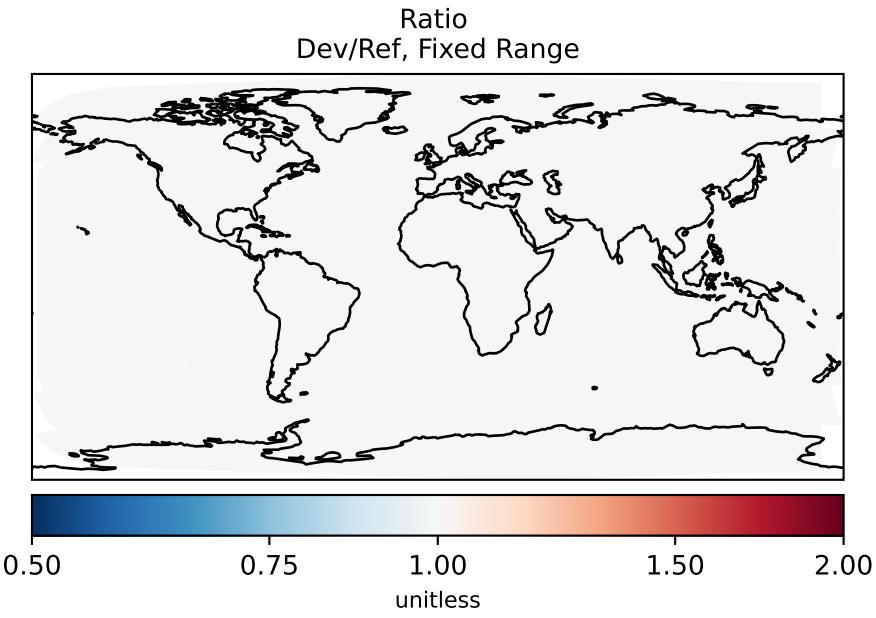
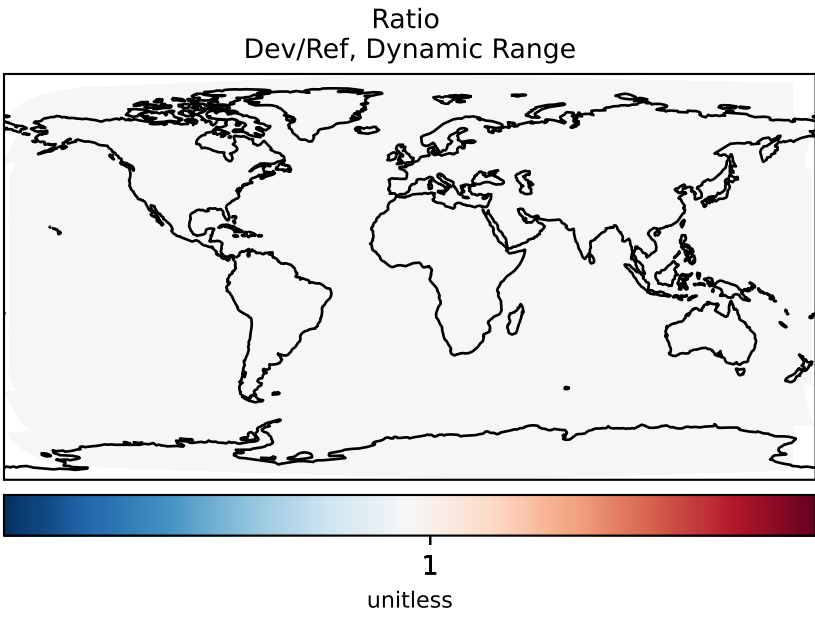
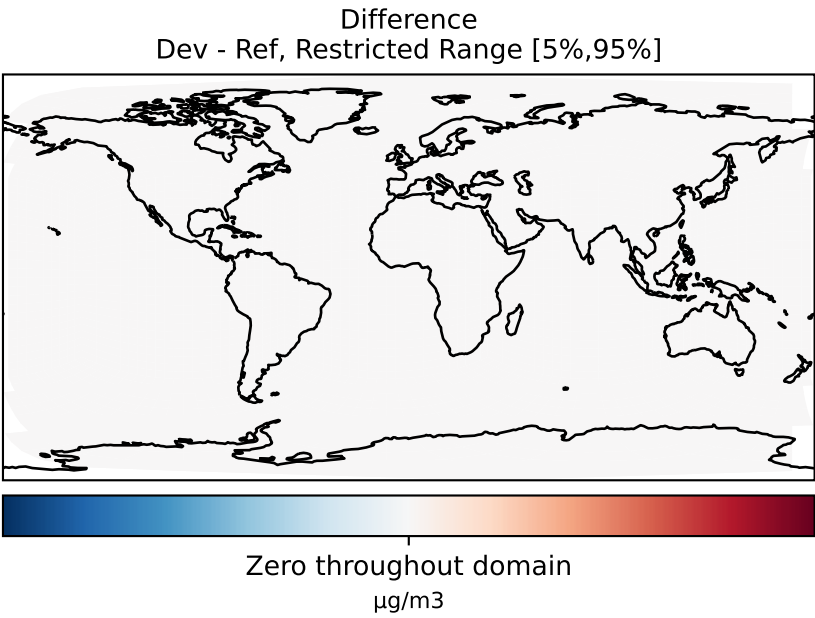
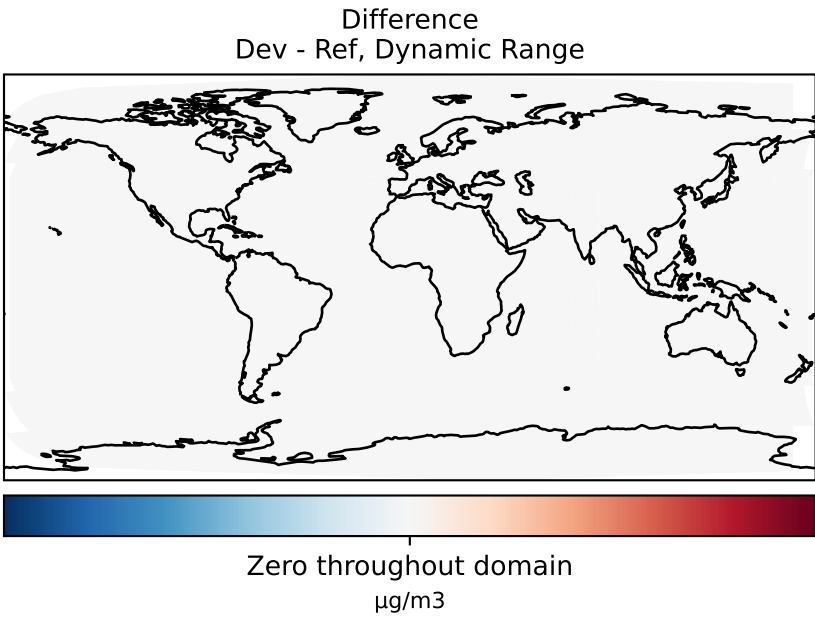
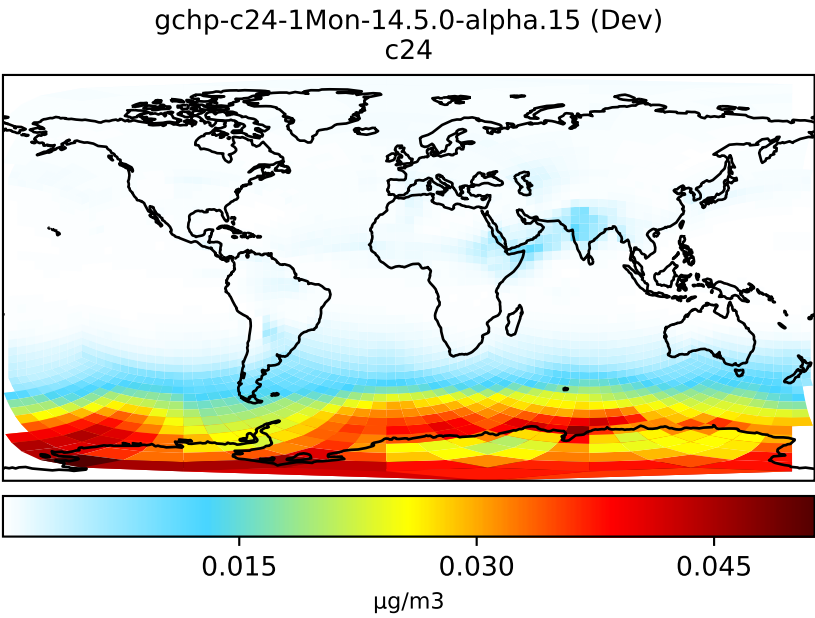
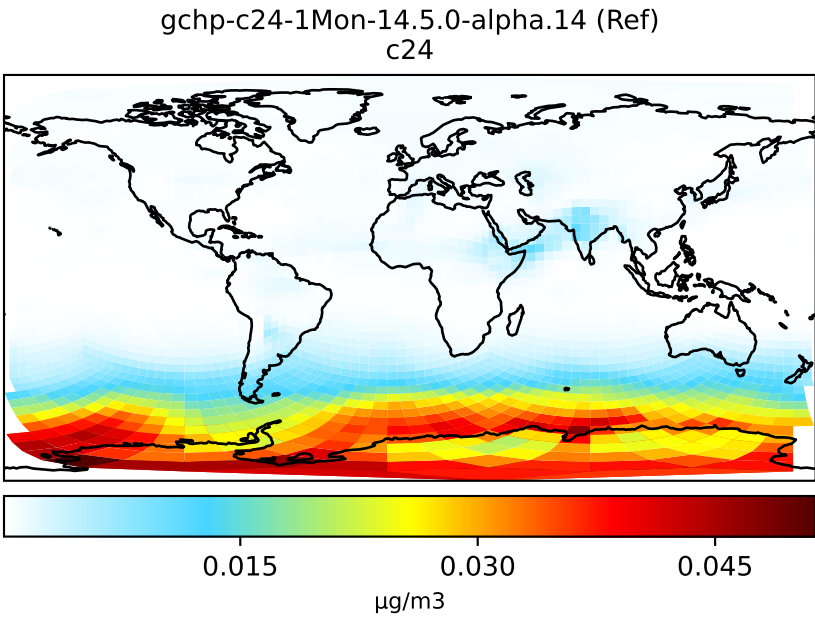
Ratio
Dev/Ref, Fixed Range



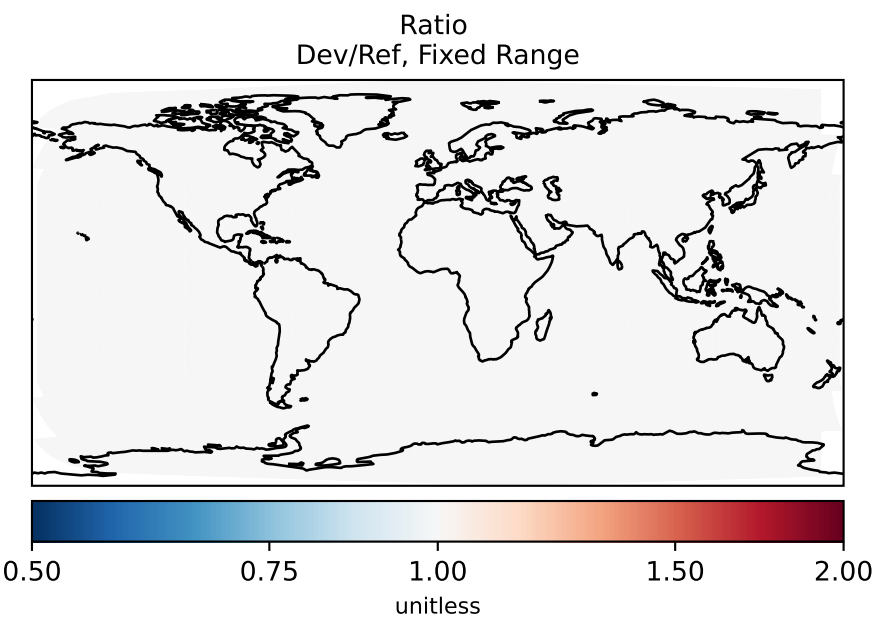
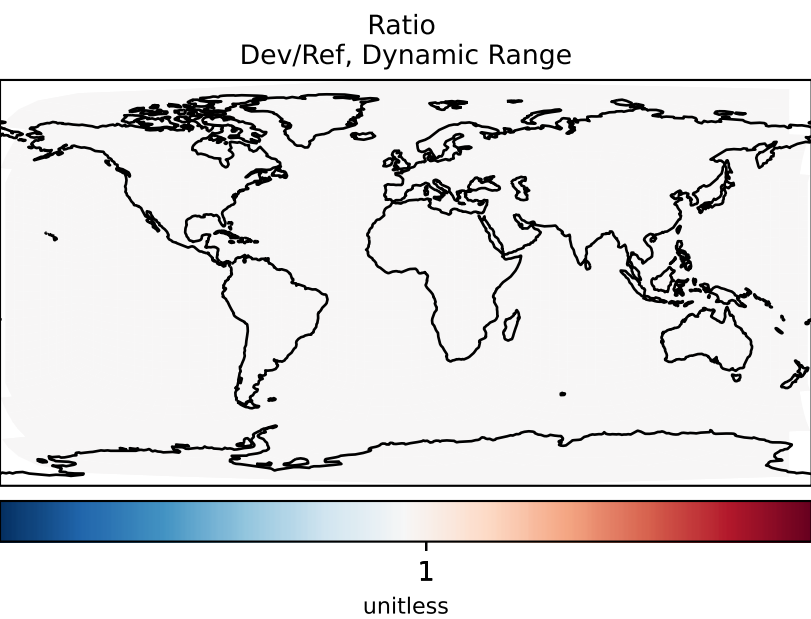
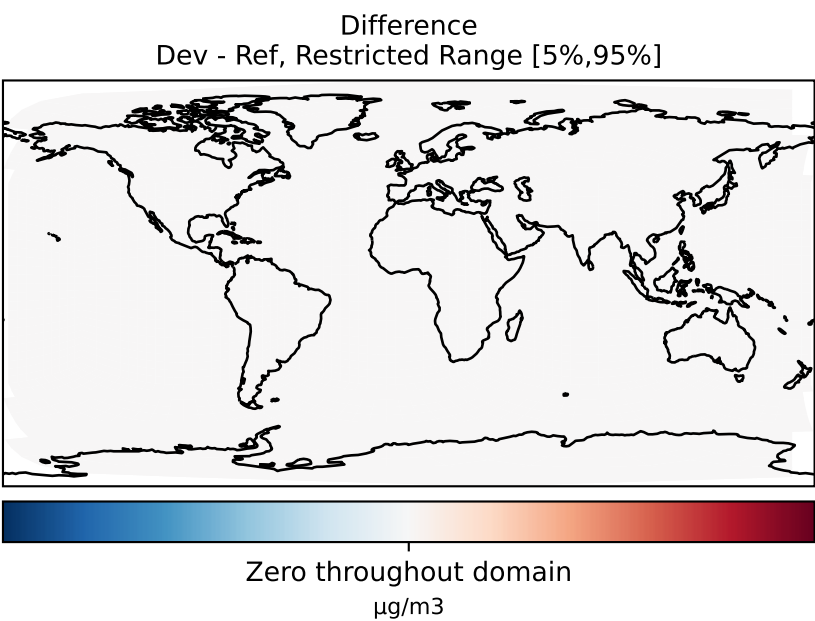
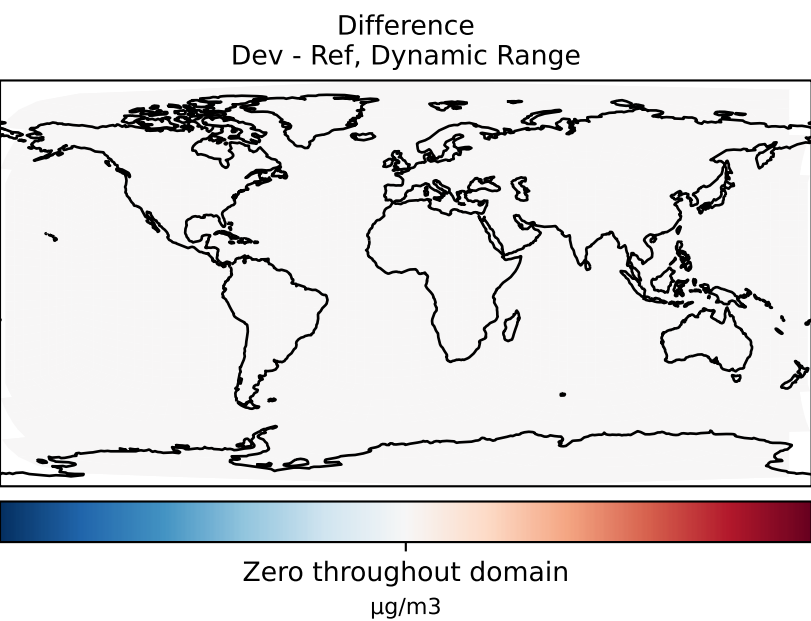
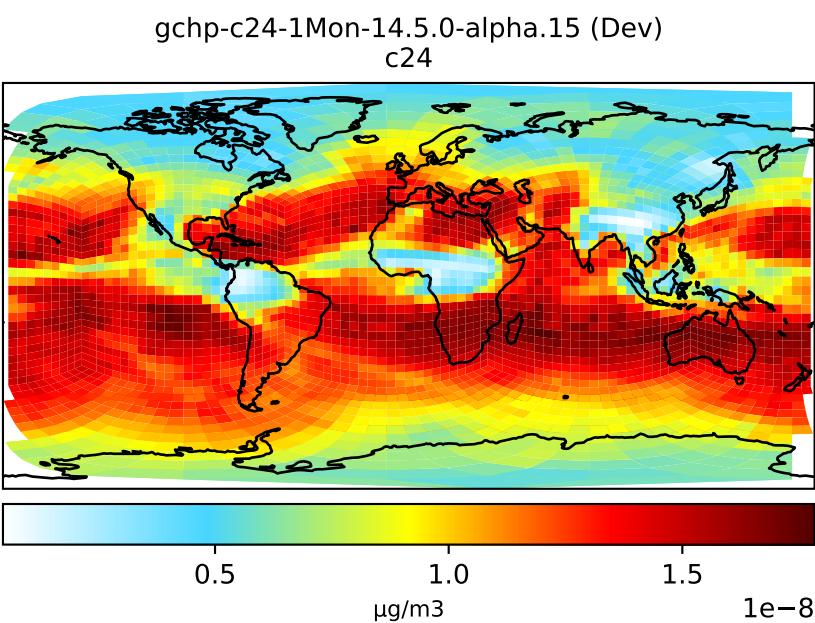
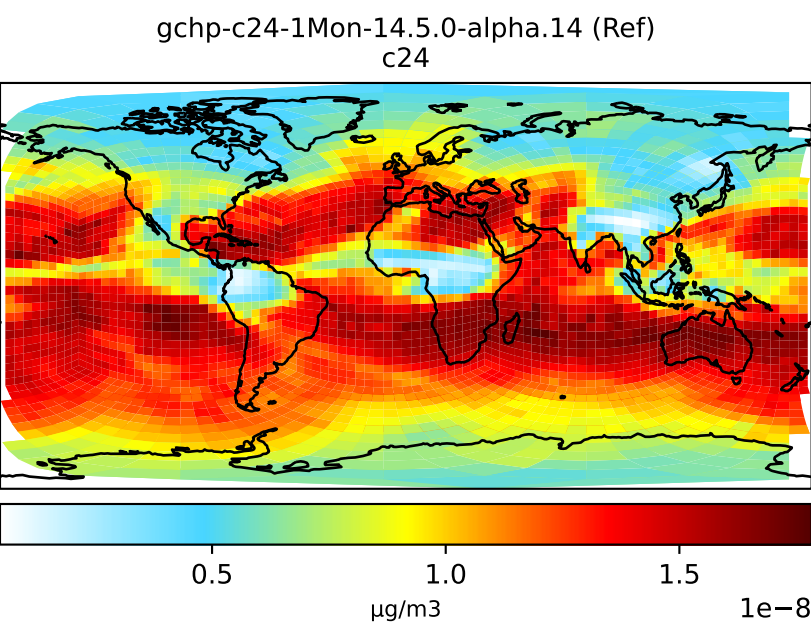
SpeciesConcVV_NITs



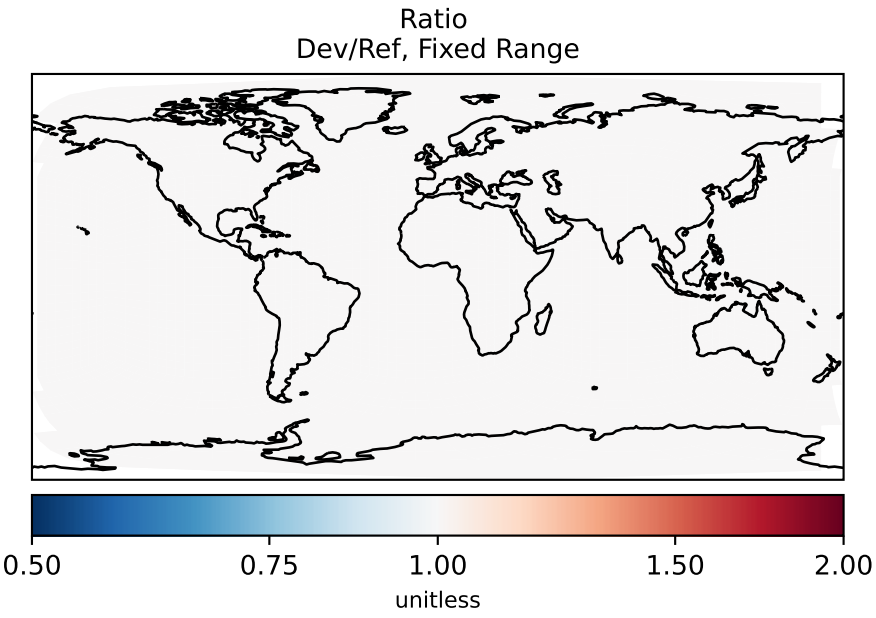
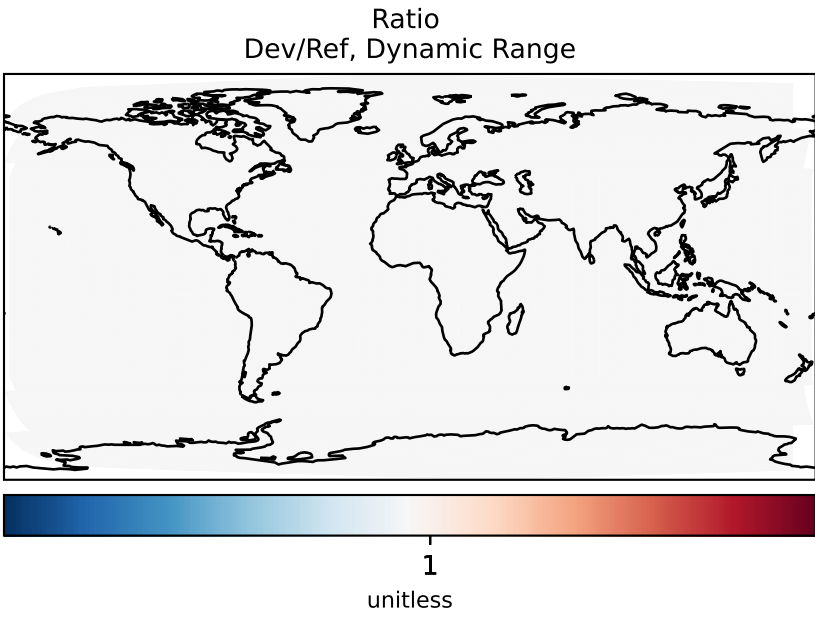
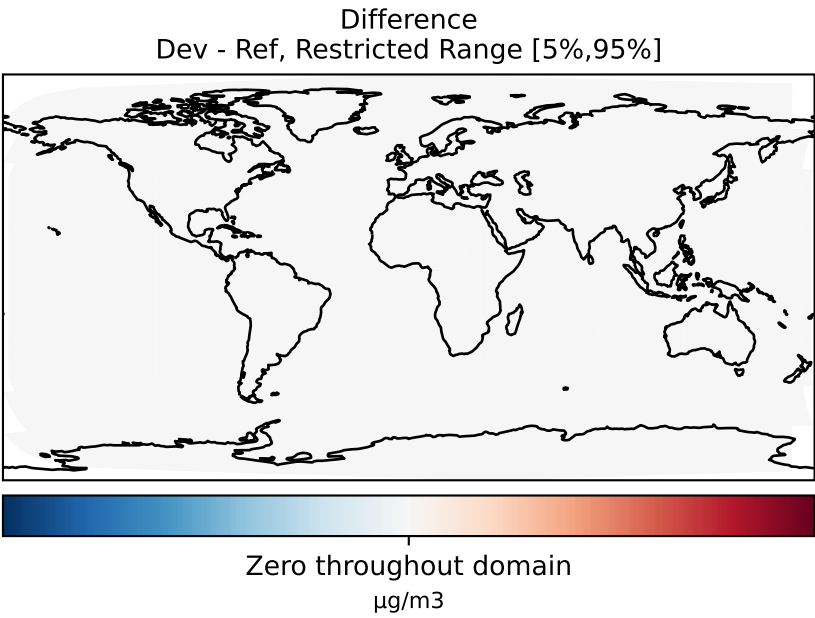
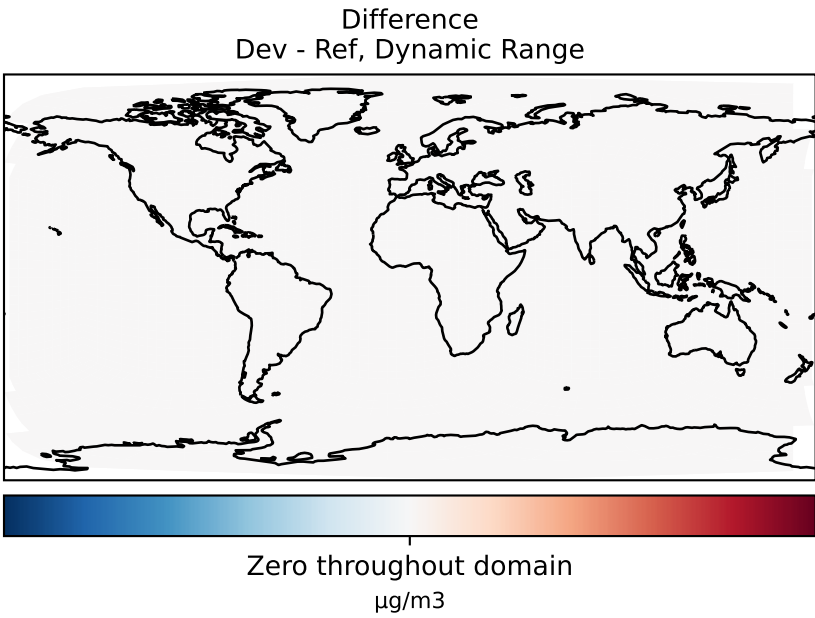
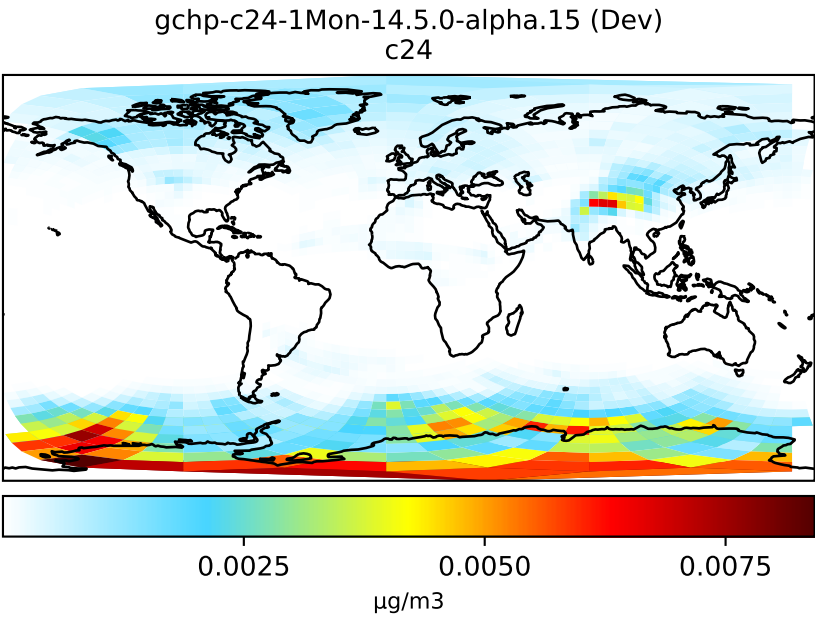
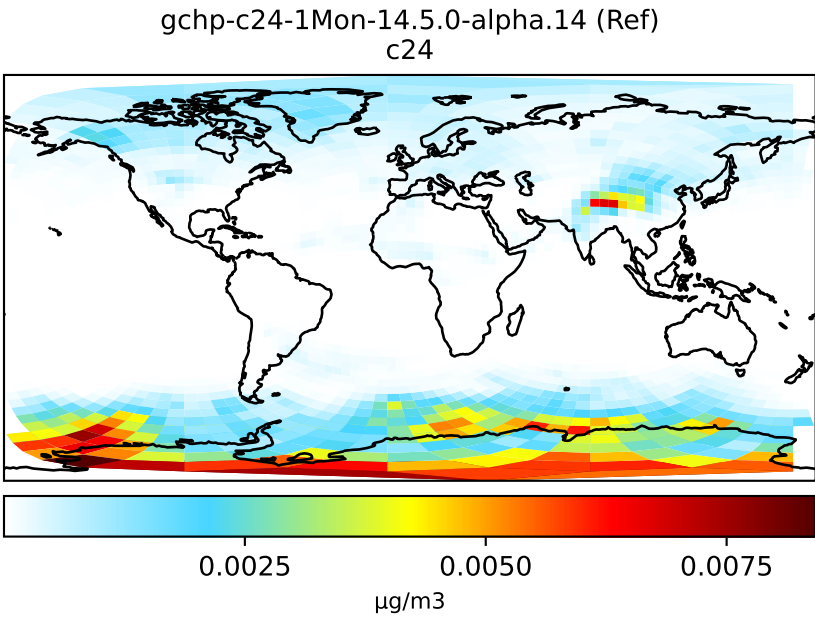
SpeciesConcVV_SALA



SpeciesConcVV_SALAAAL

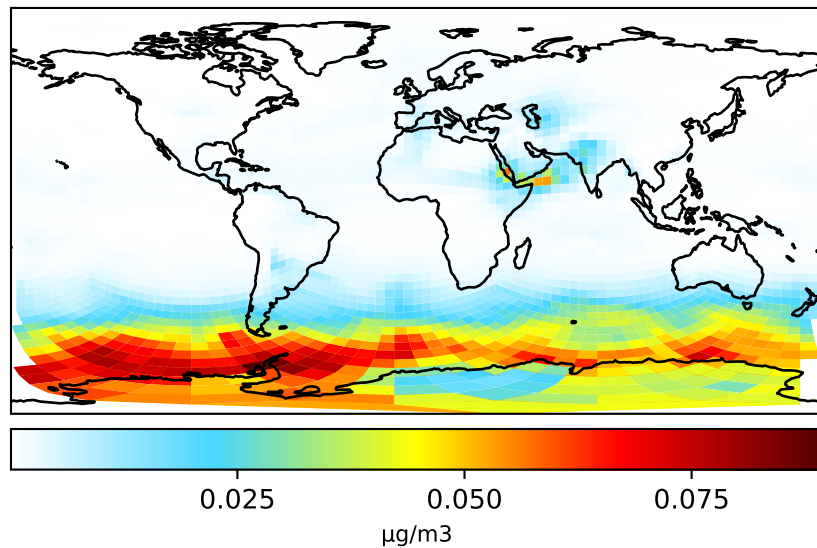


SpeciesConcVV_SALACL

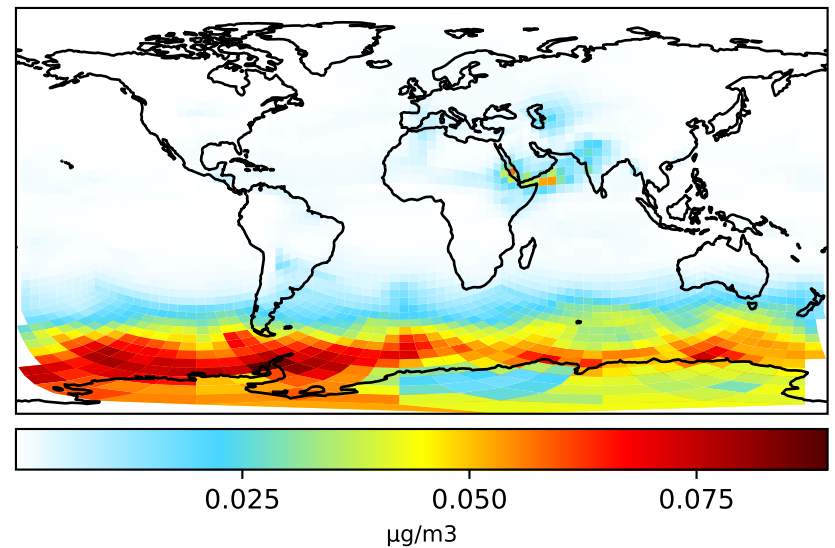


SpeciesConcVV_SALC

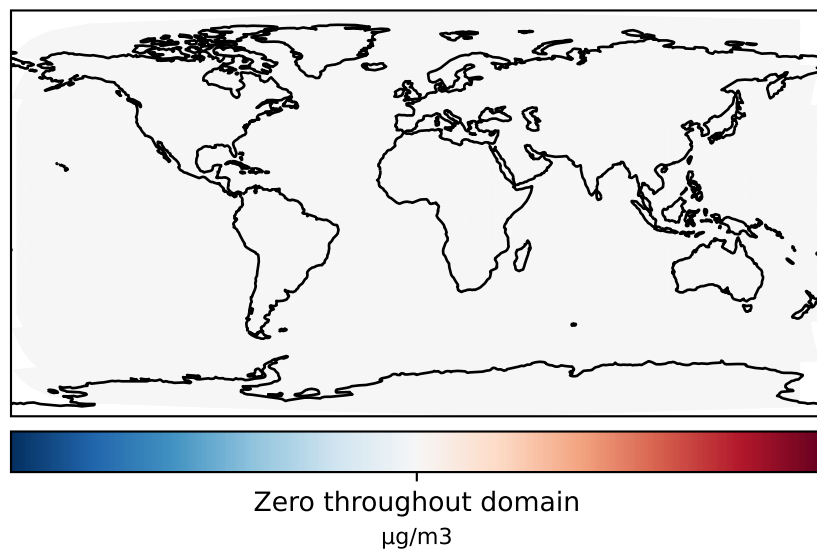
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



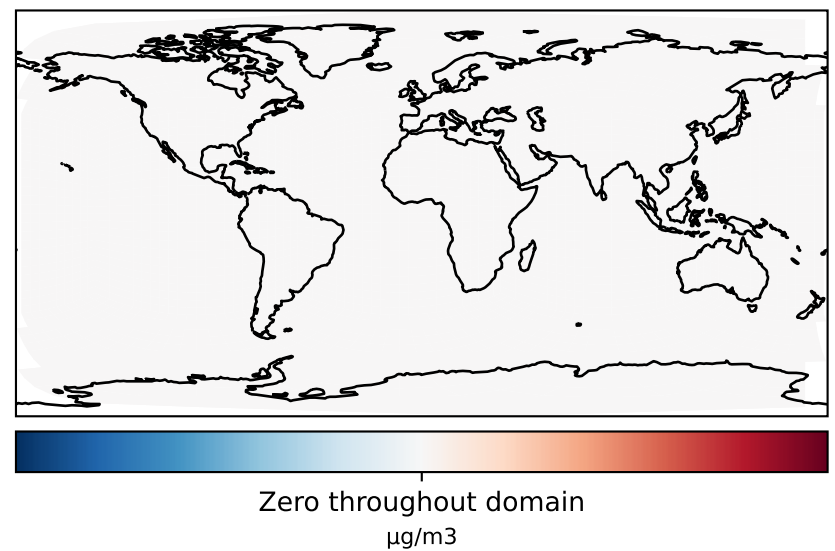
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



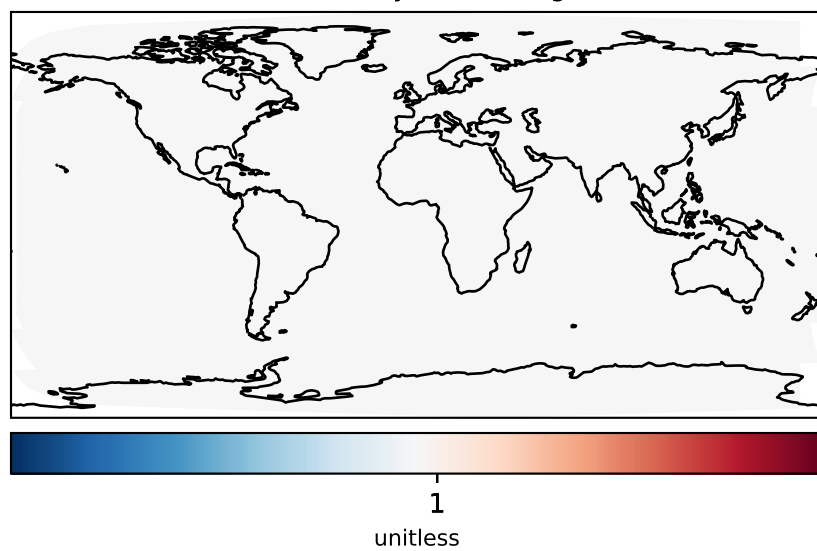
Difference
Dev - Ref, Dynamic Range



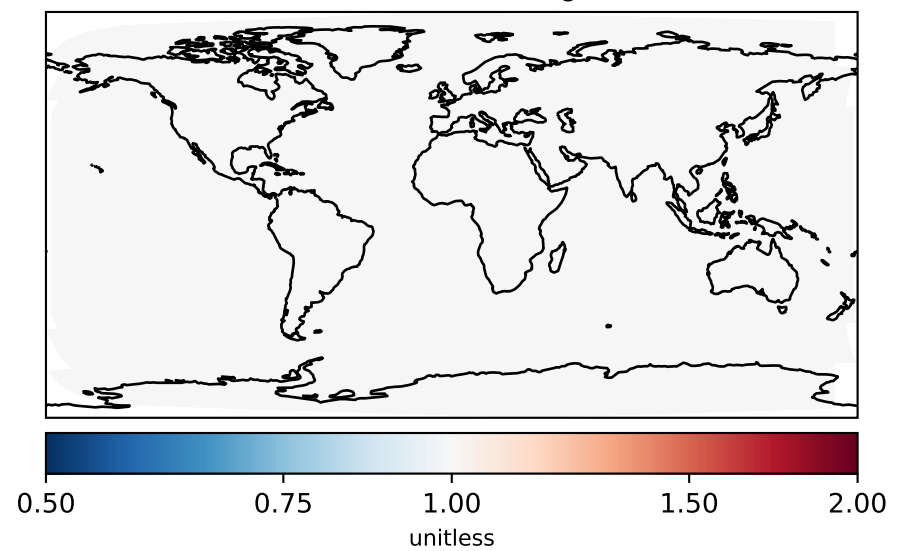
Difference
Dev - Ref, Restricted Range [5%,95%]



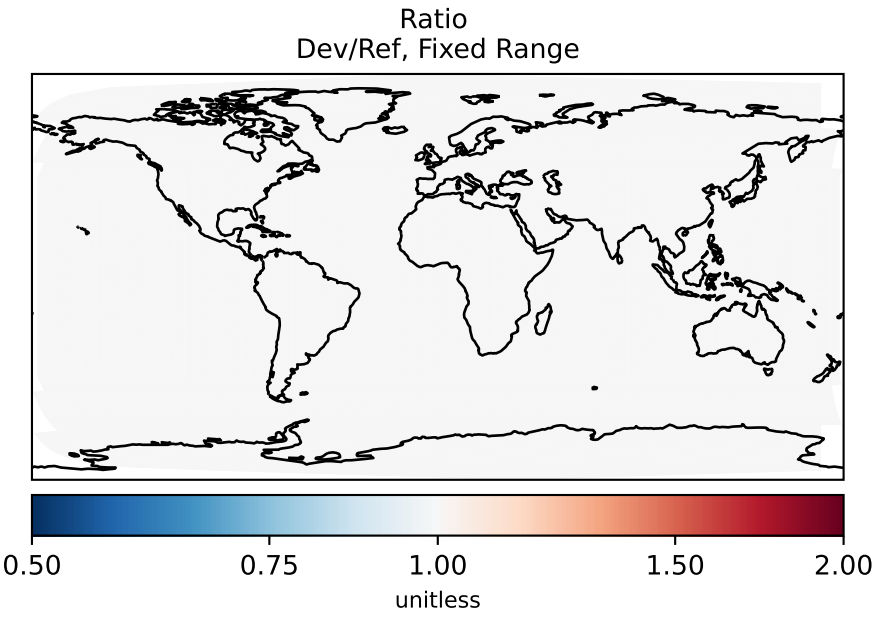
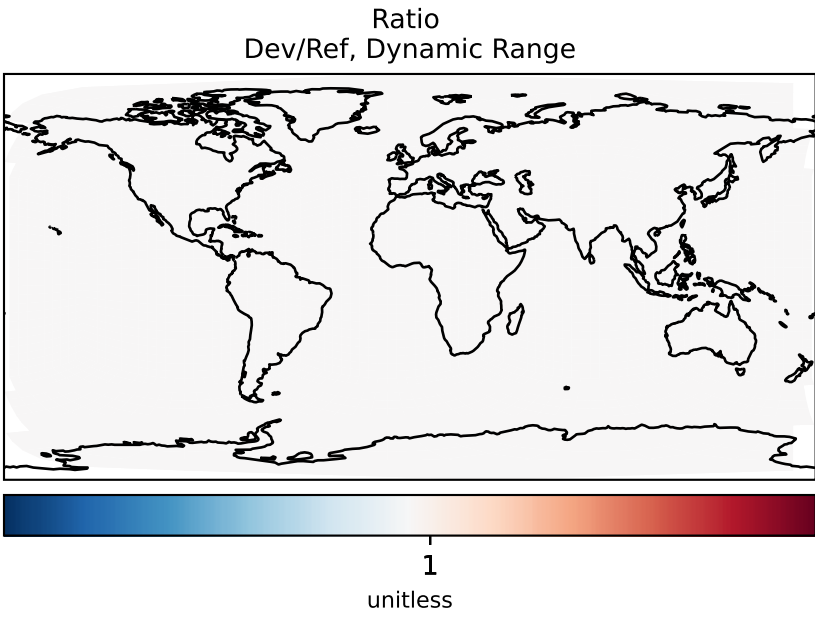
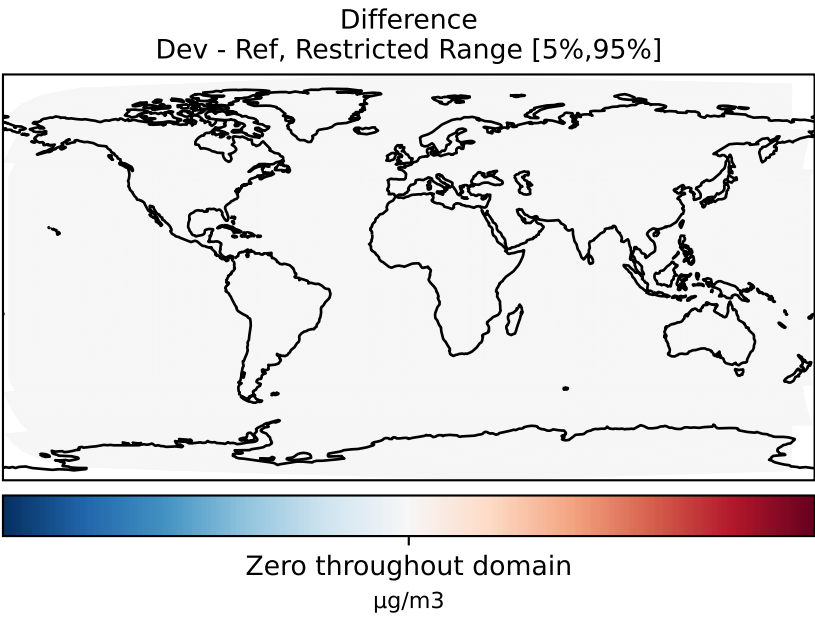
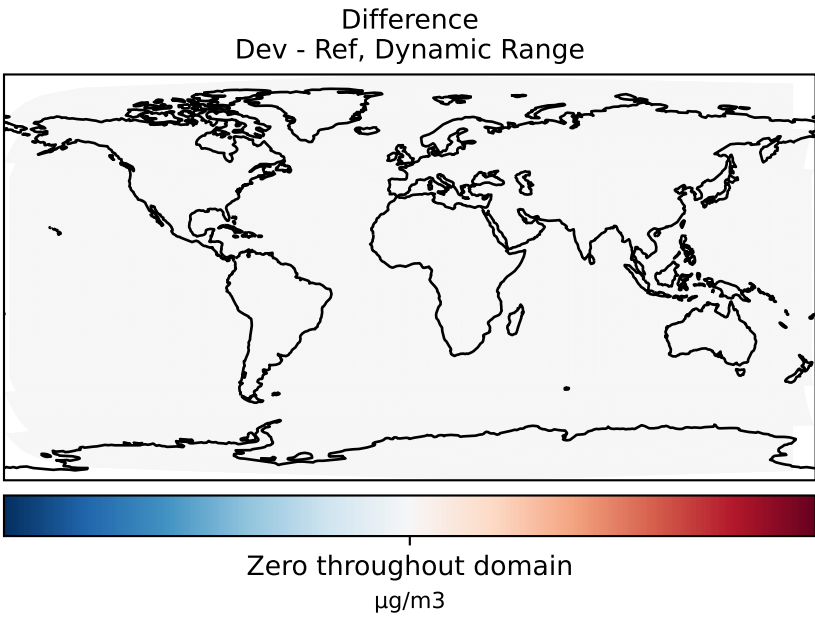
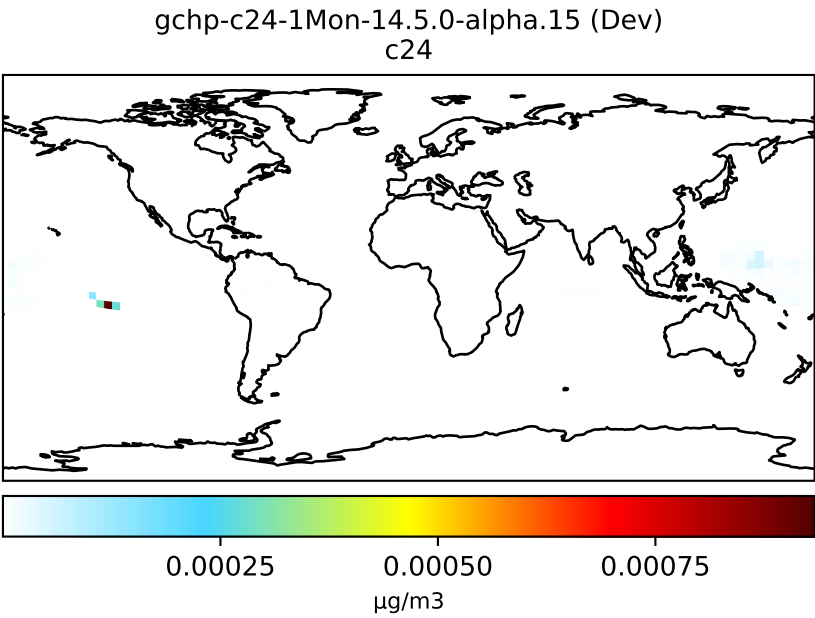
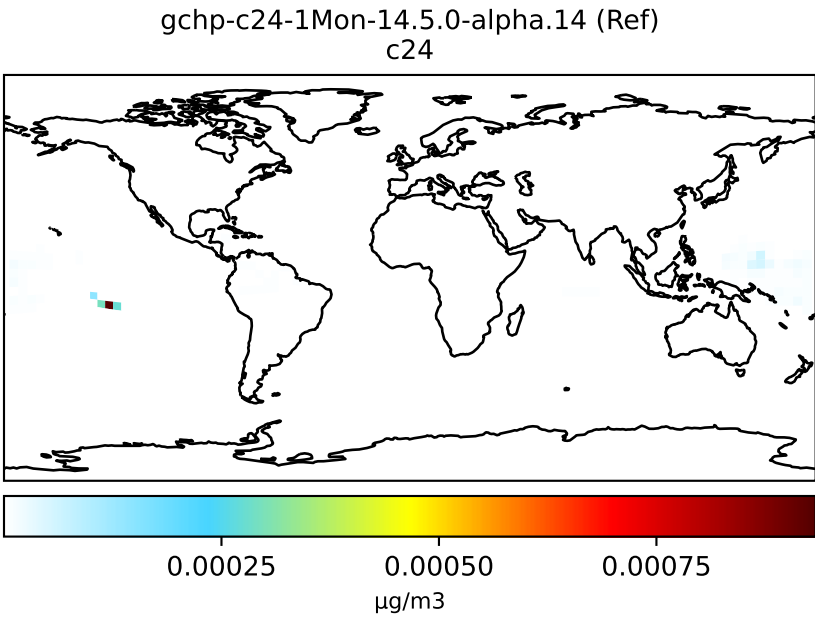
Ratio
Dev/Ref, Dynamic Range



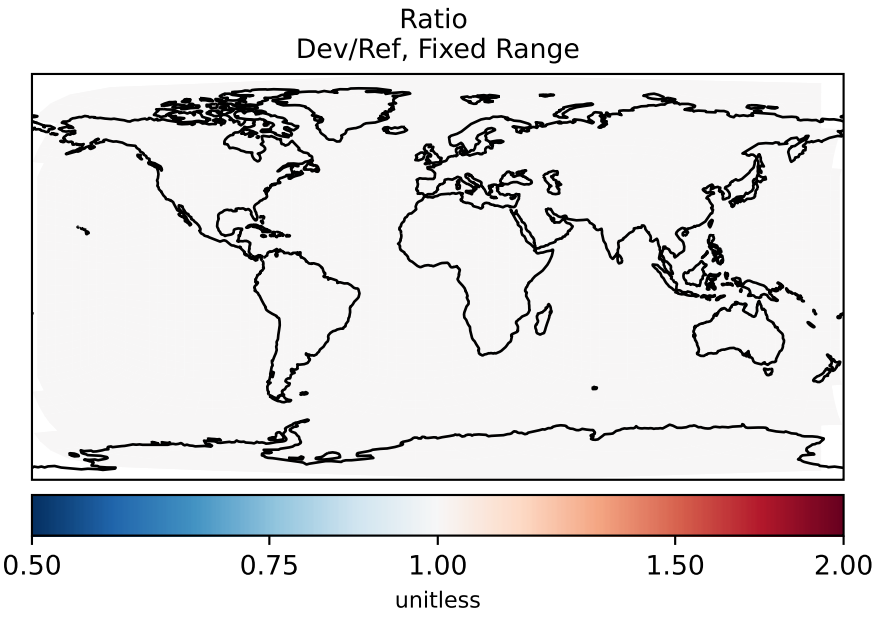
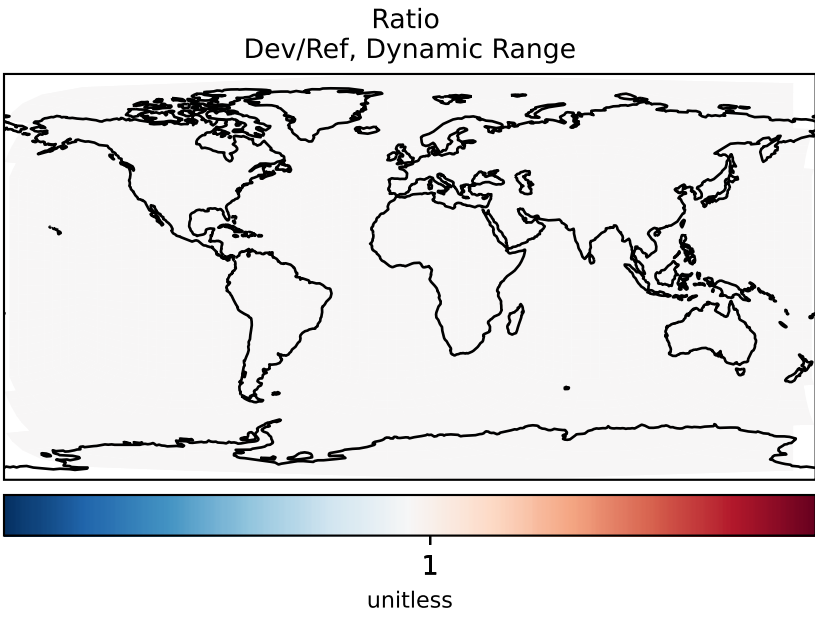
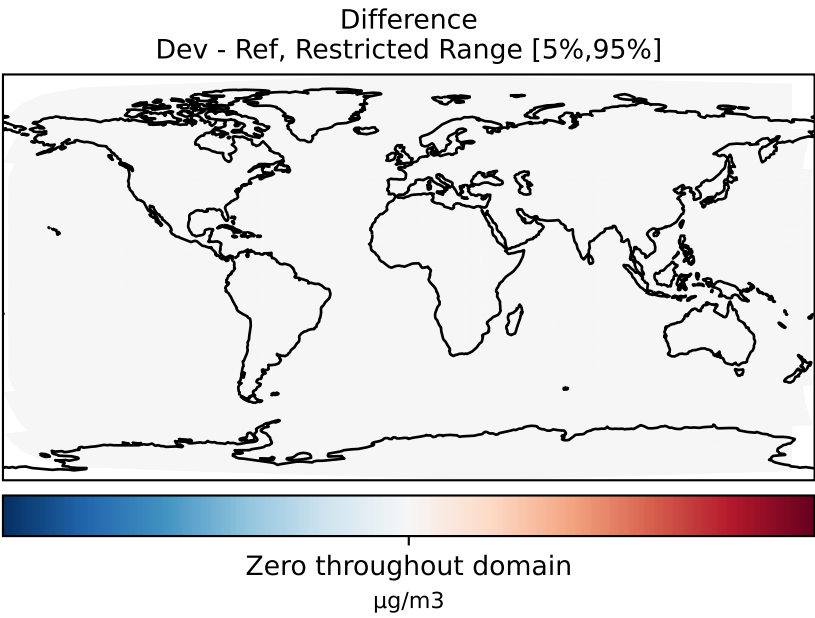
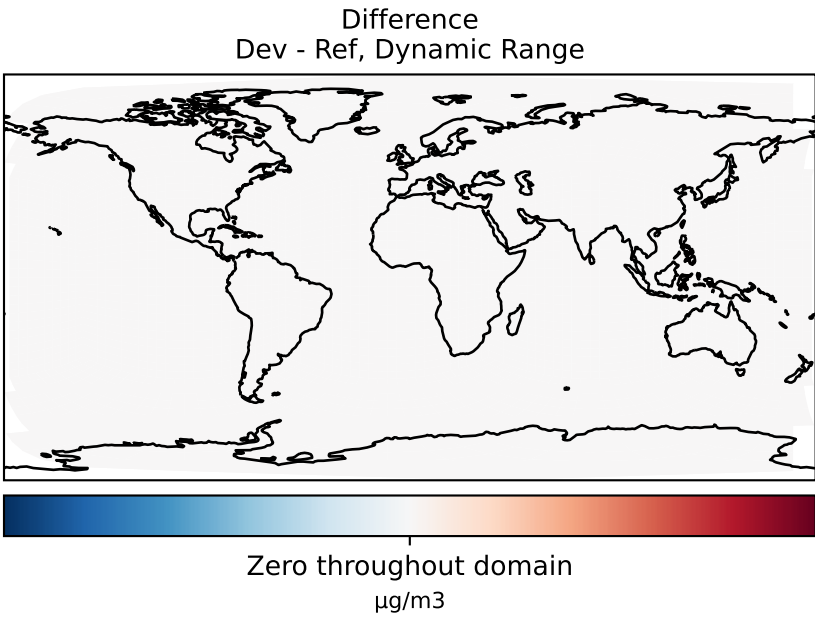
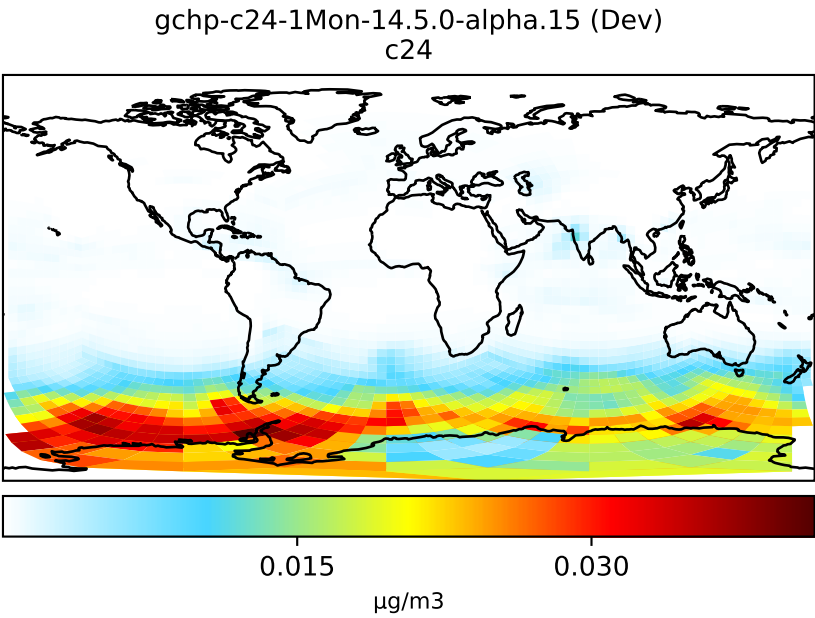
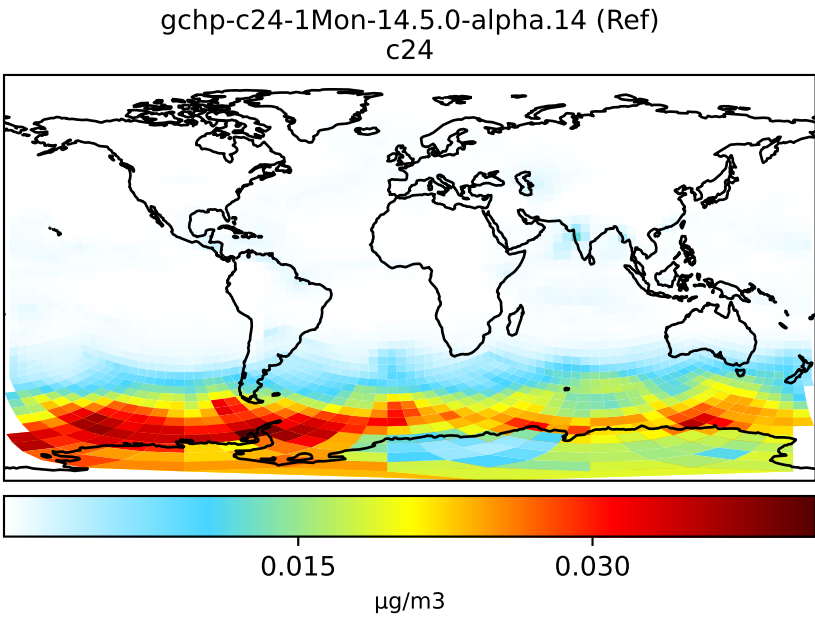
Ratio
Dev/Ref, Fixed Range



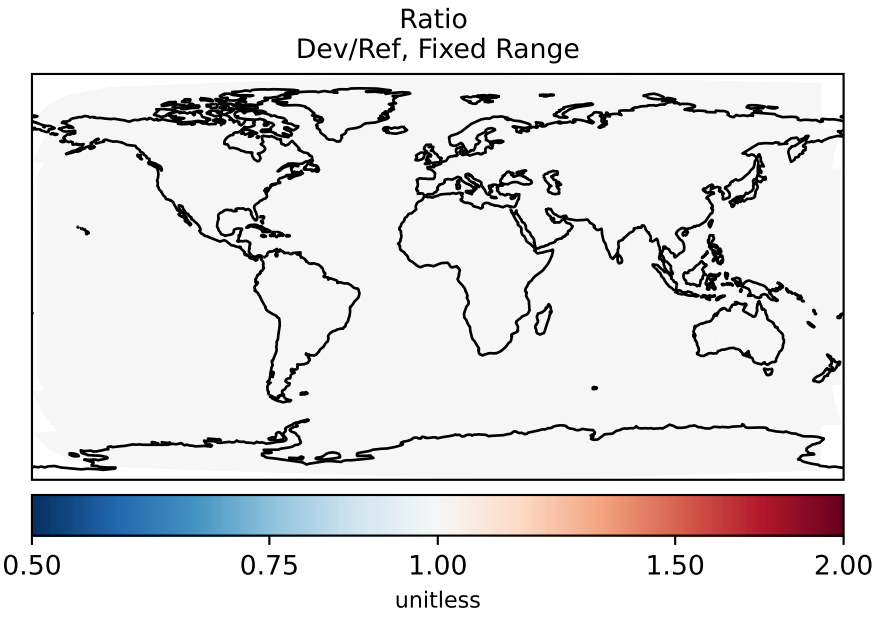
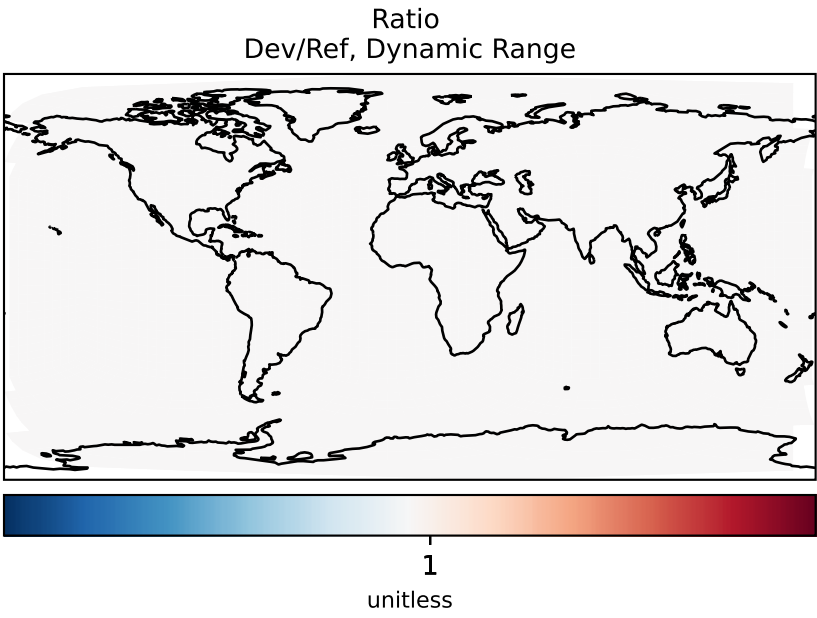
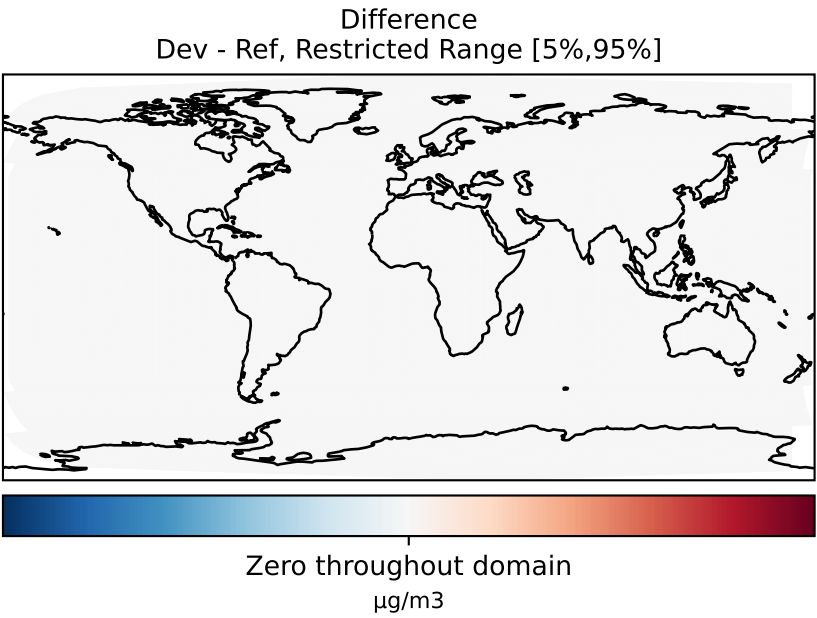
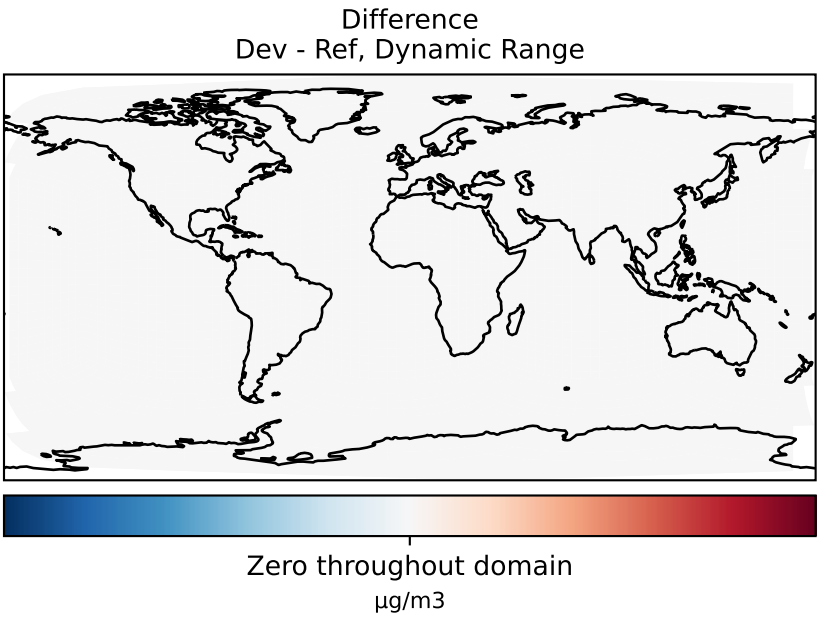
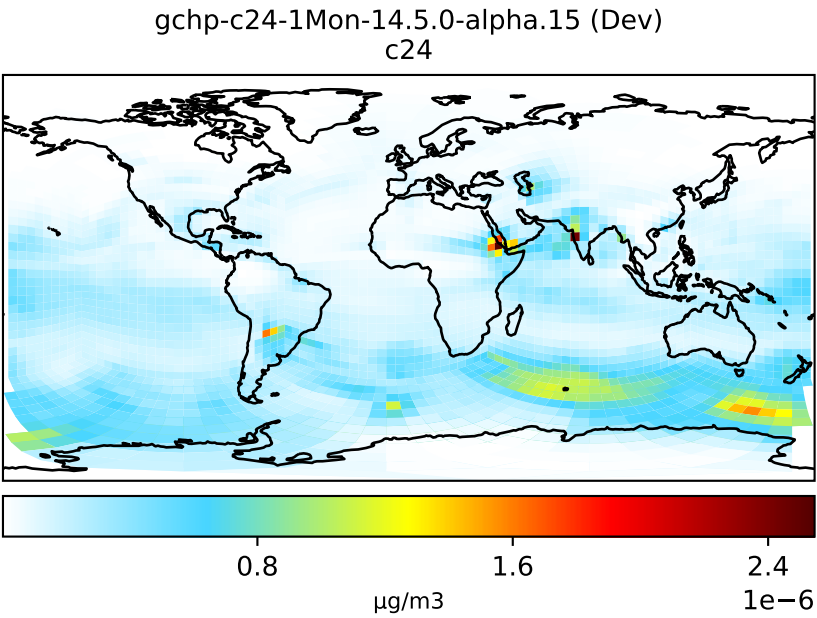
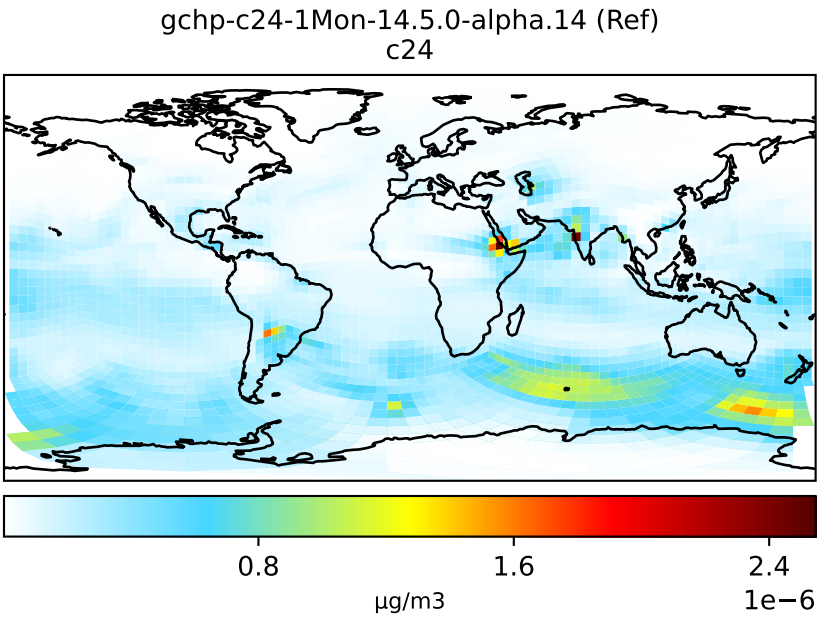
SpeciesConcVV_SALCAL



SpeciesConcVV_SALCCL

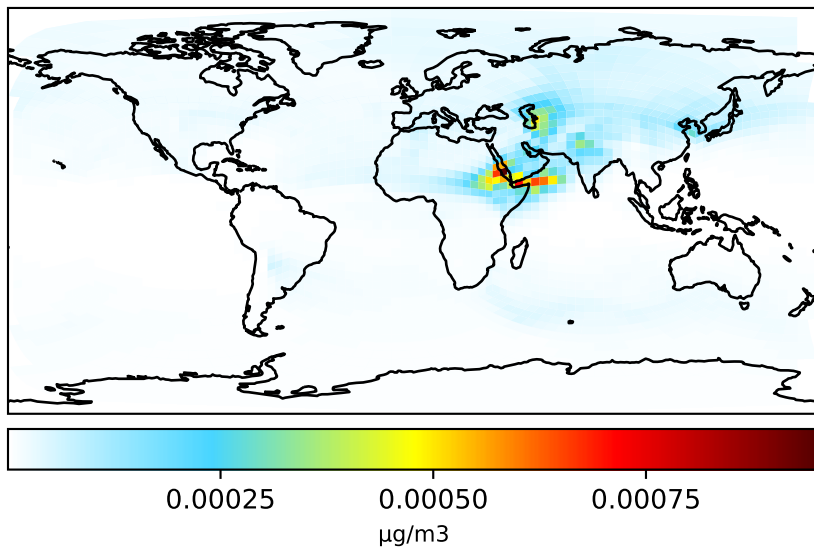


SpeciesConcVV_S04s

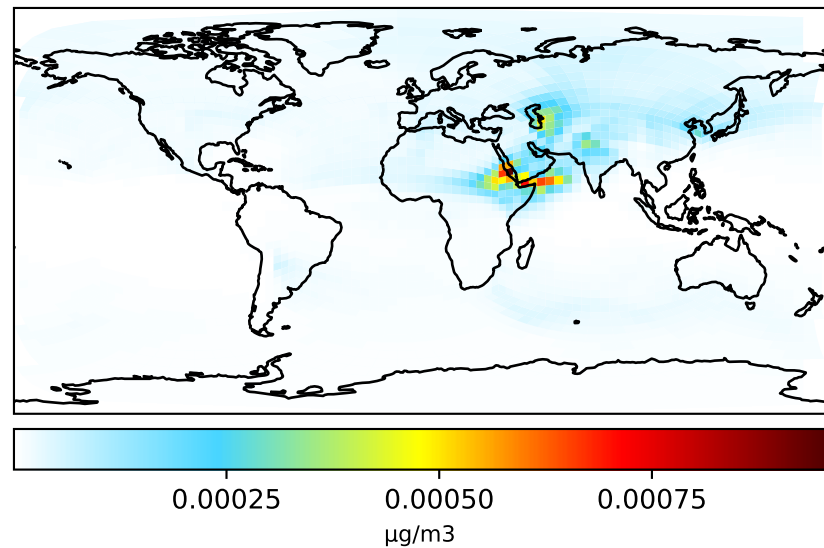


SpeciesConcVV_pFe

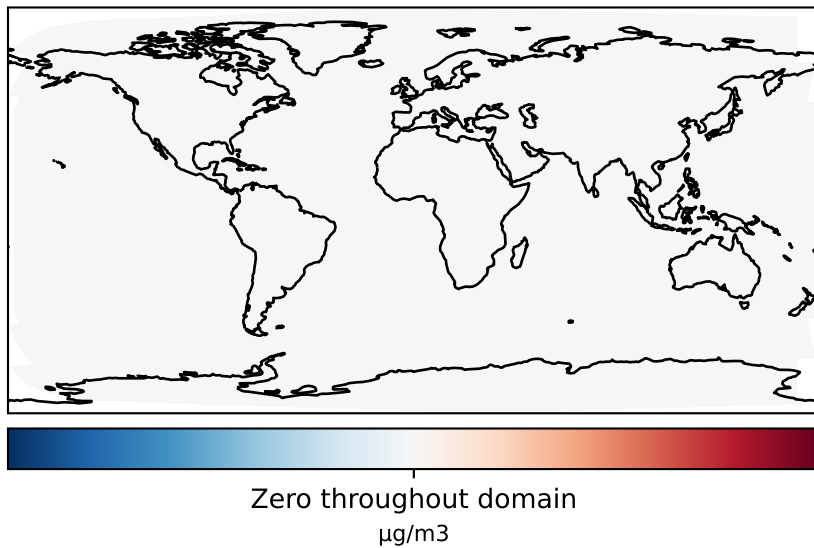
gchp-c24-1Mon-14.5.0-alpha.14 (Ref)
c24



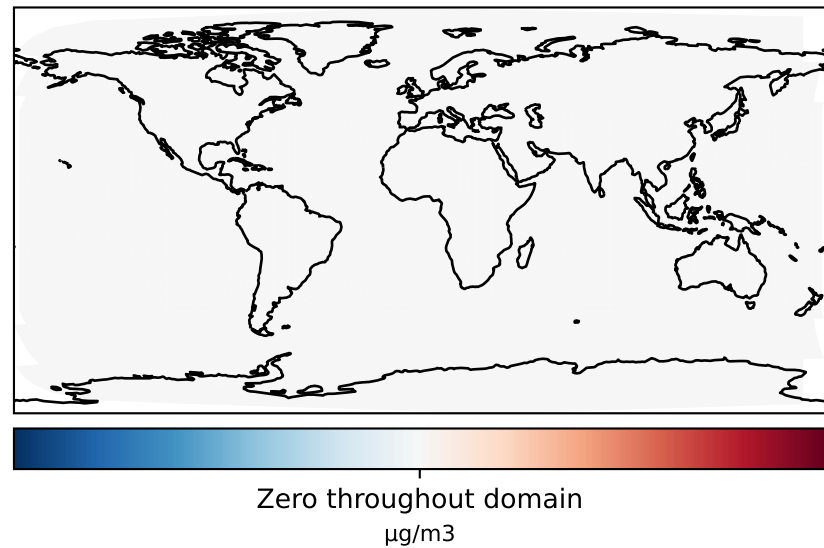
gchp-c24-1Mon-14.5.0-alpha.15 (Dev)
c24



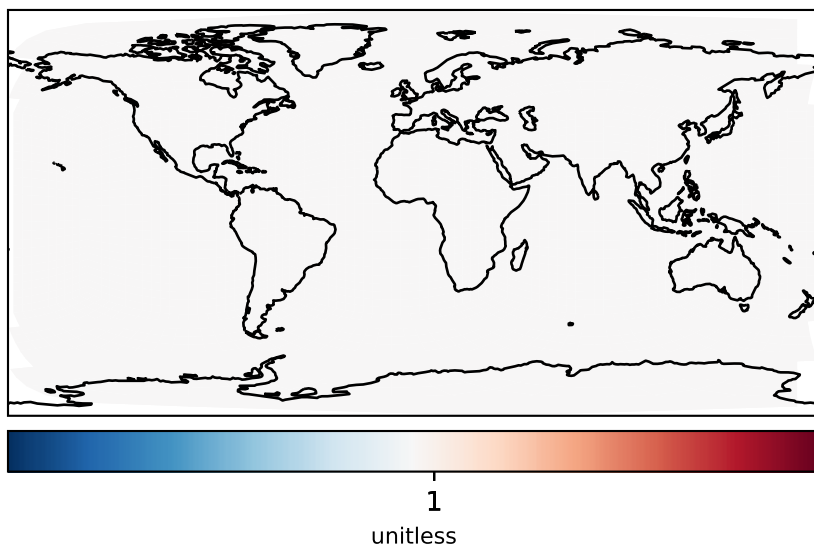
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

