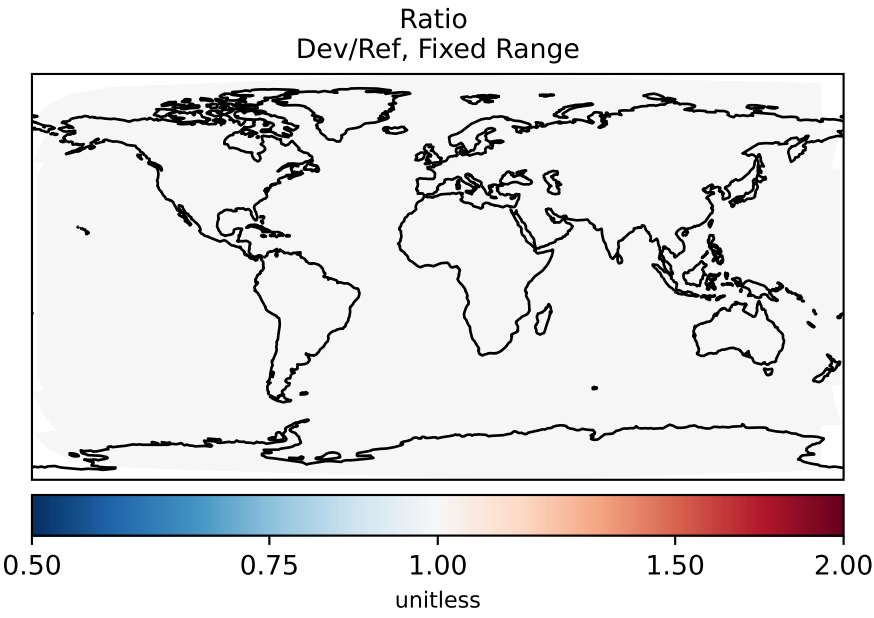
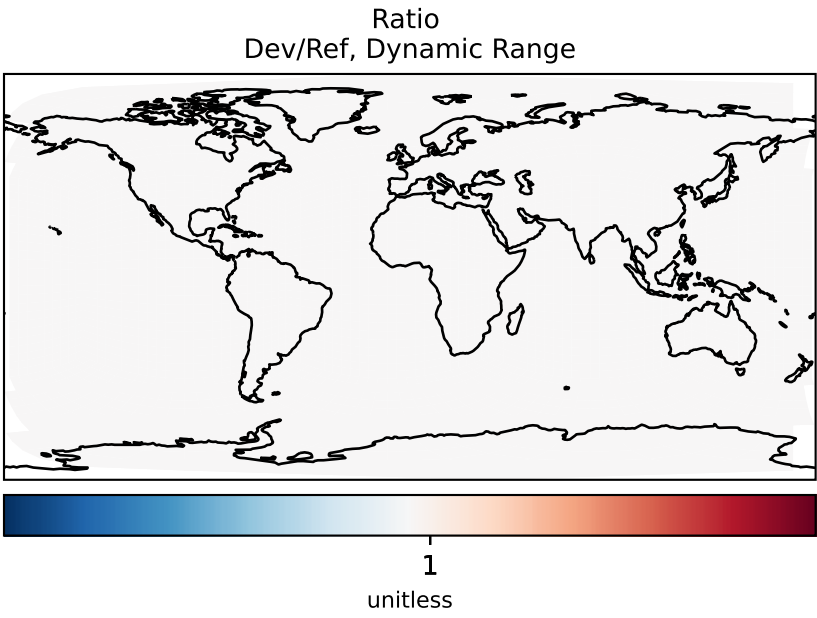
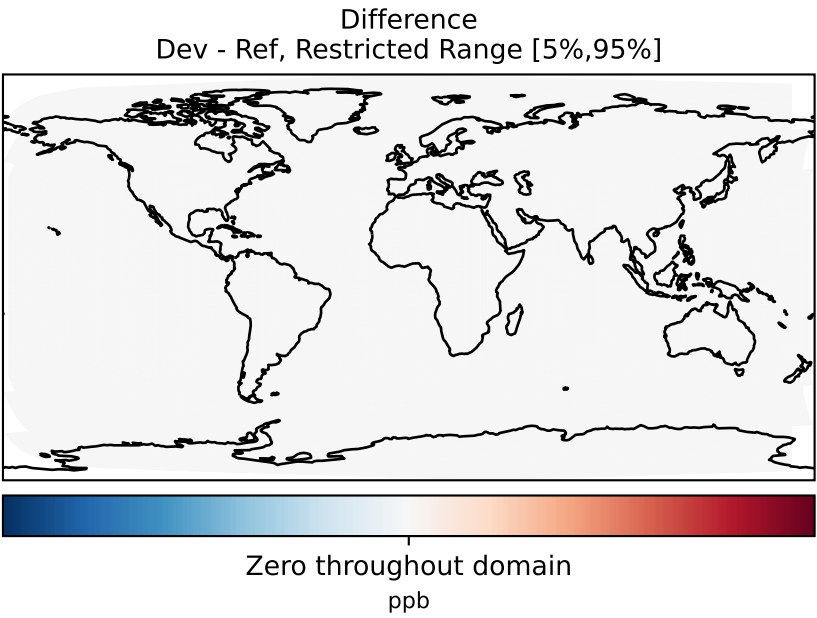
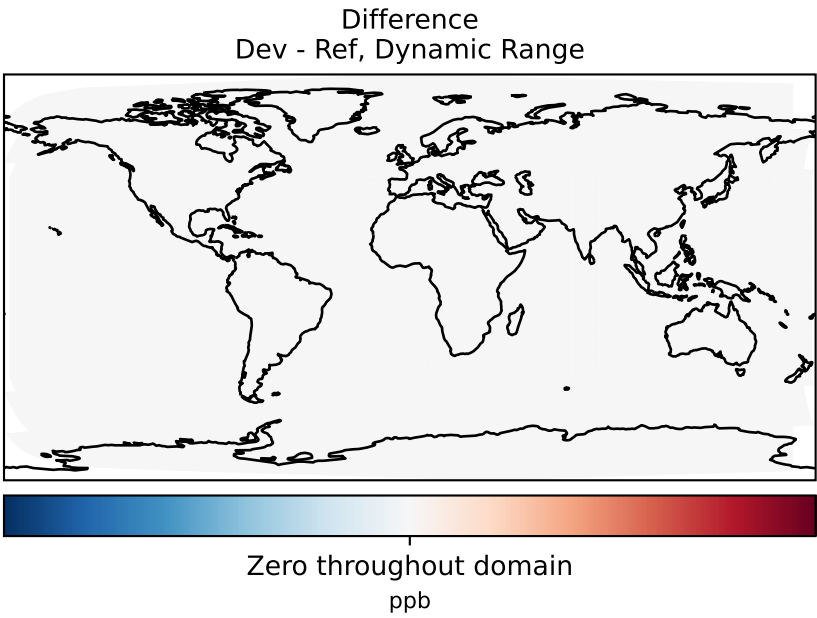
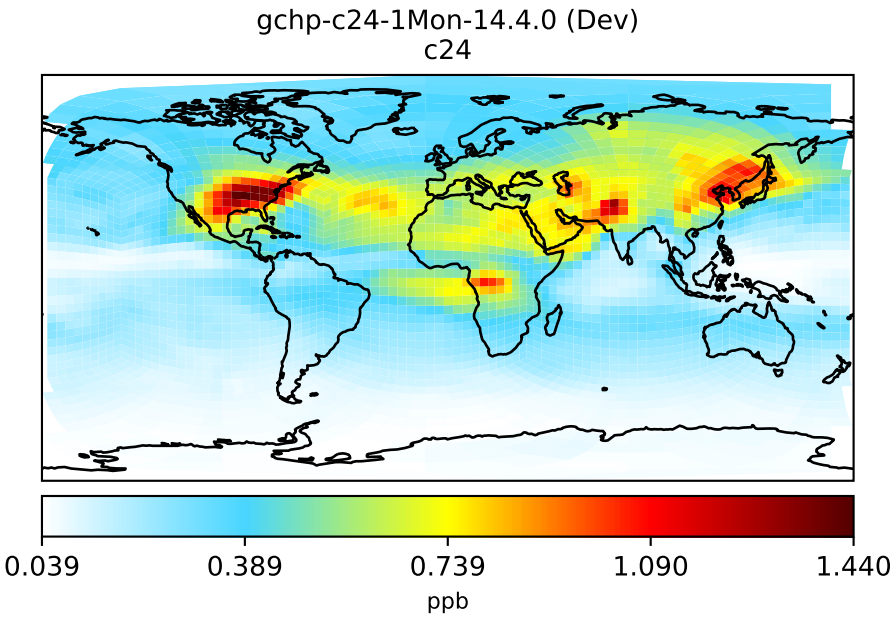
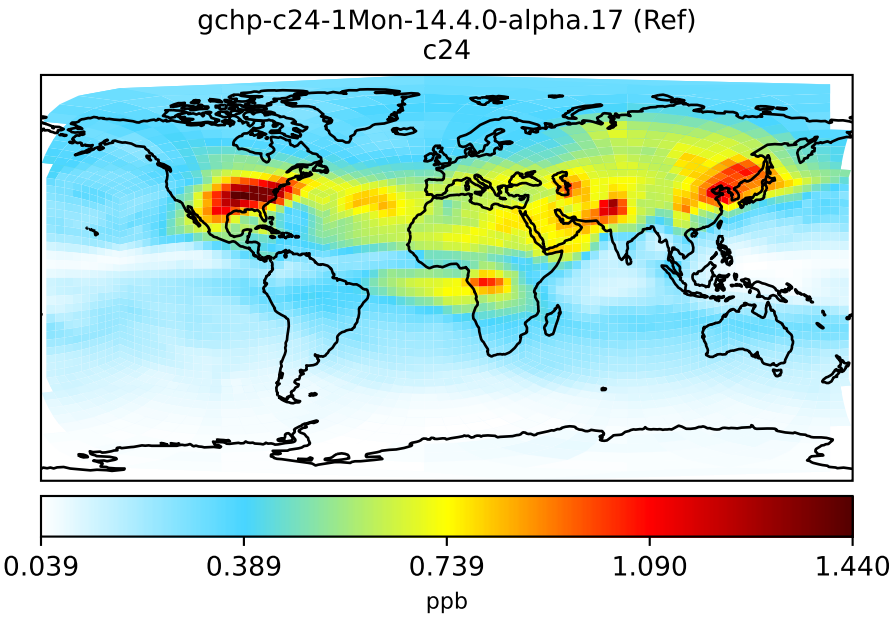
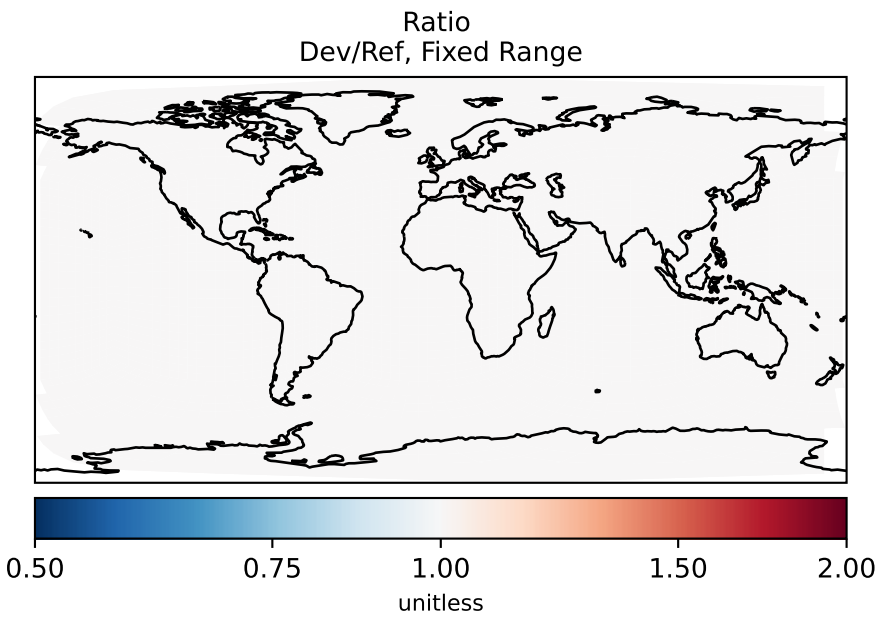
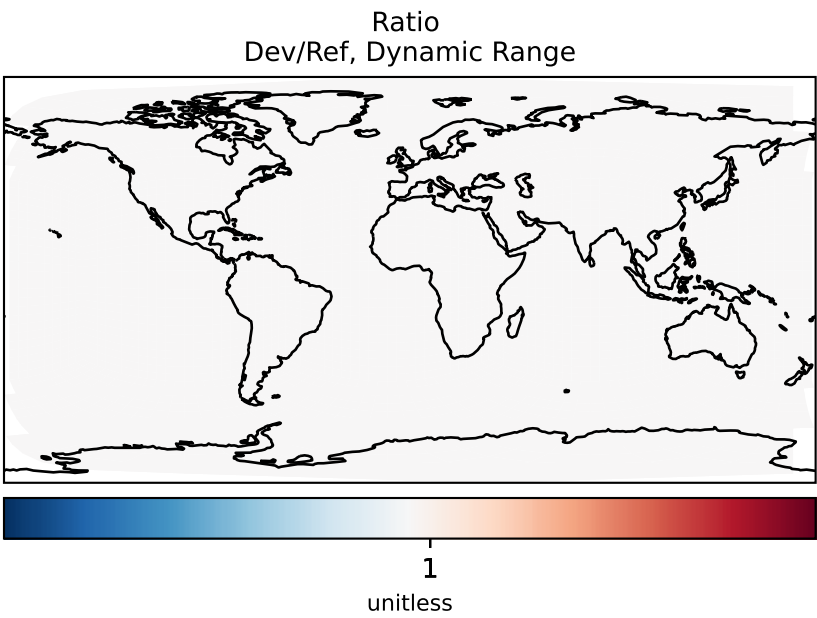
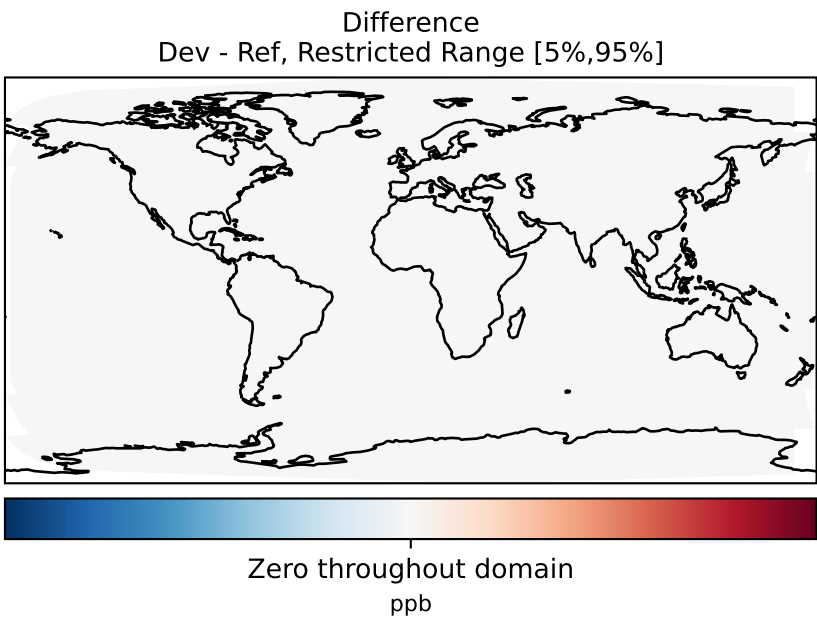
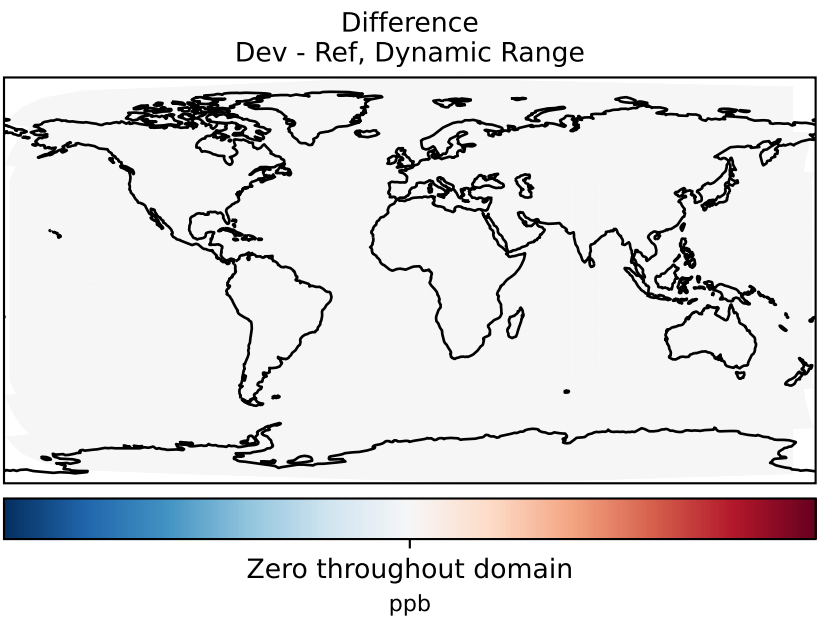
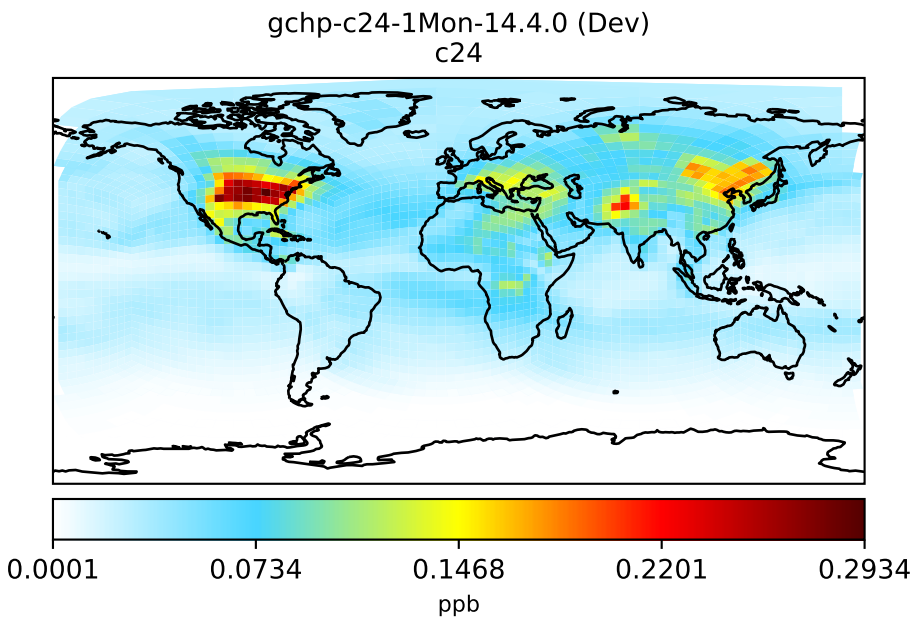
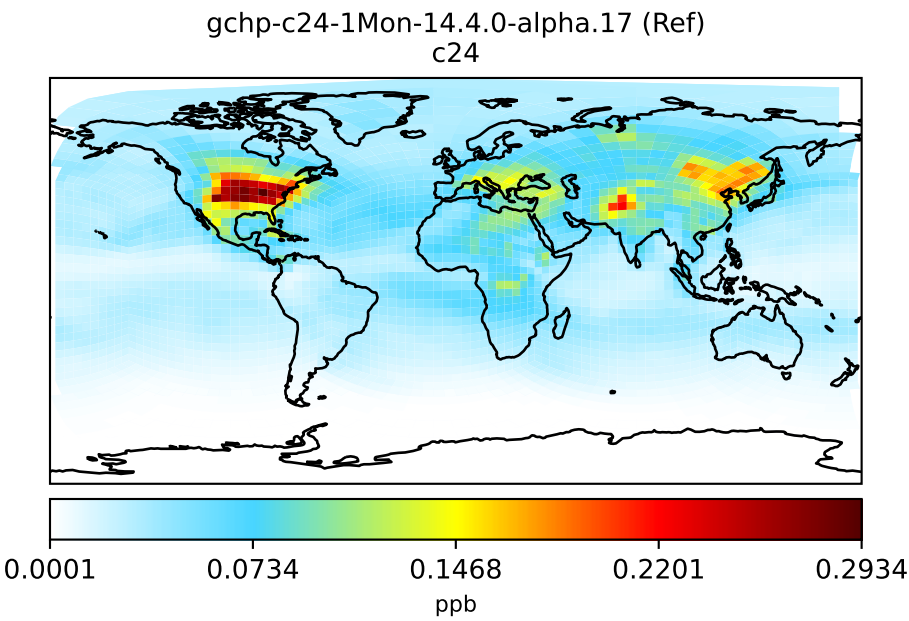


SpeciesConcVV_NOy

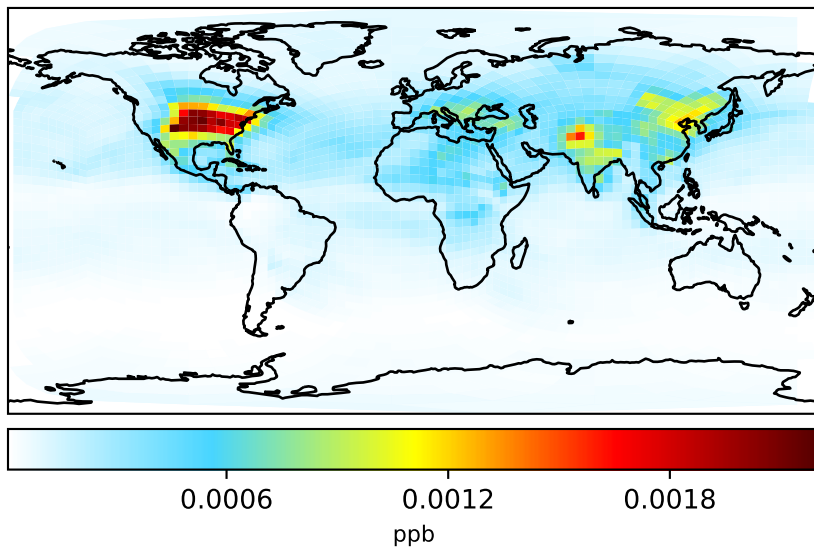


SpeciesConcVV_NOx

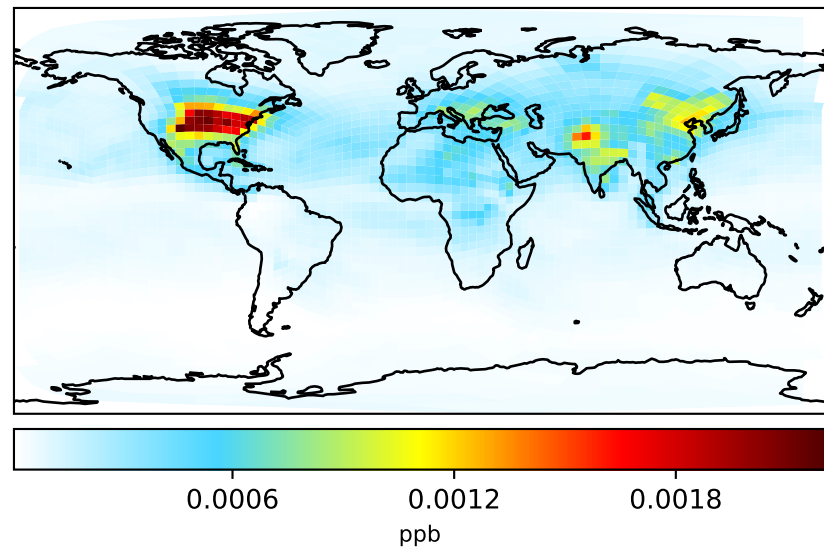


SpeciesConcVV_HNO2

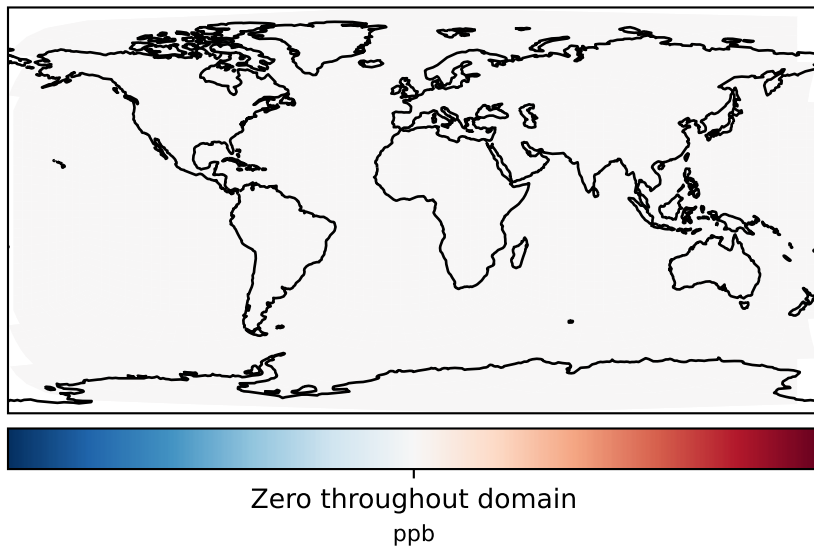
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



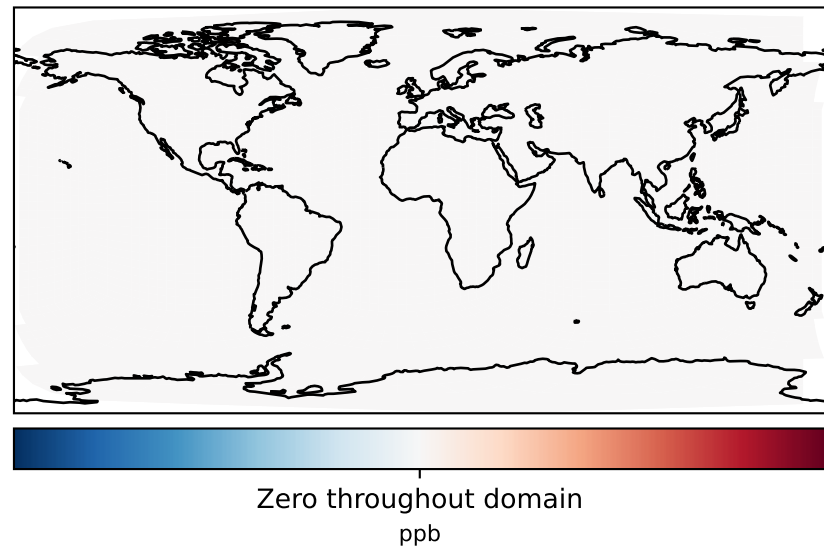
gchp-c24-1Mon-14.4.0 (Dev)
c24



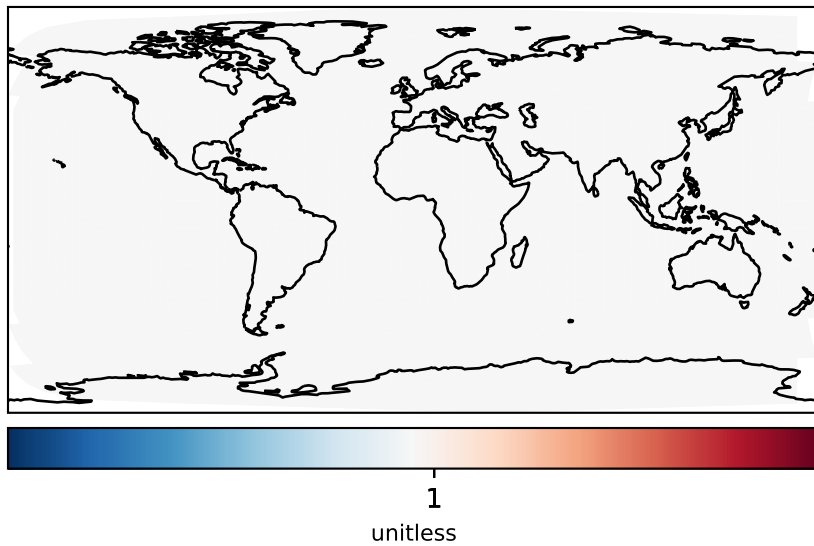
Difference
Dev - Ref, Dynamic Range



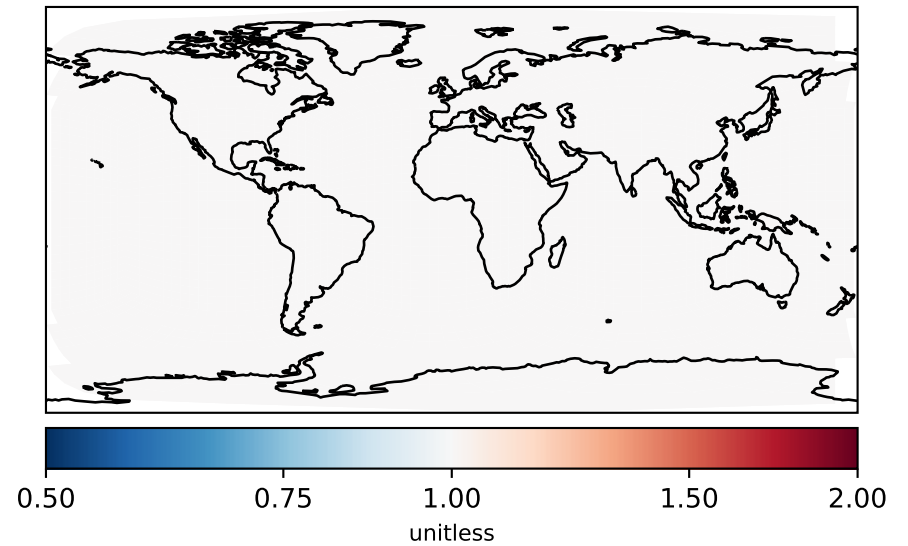
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

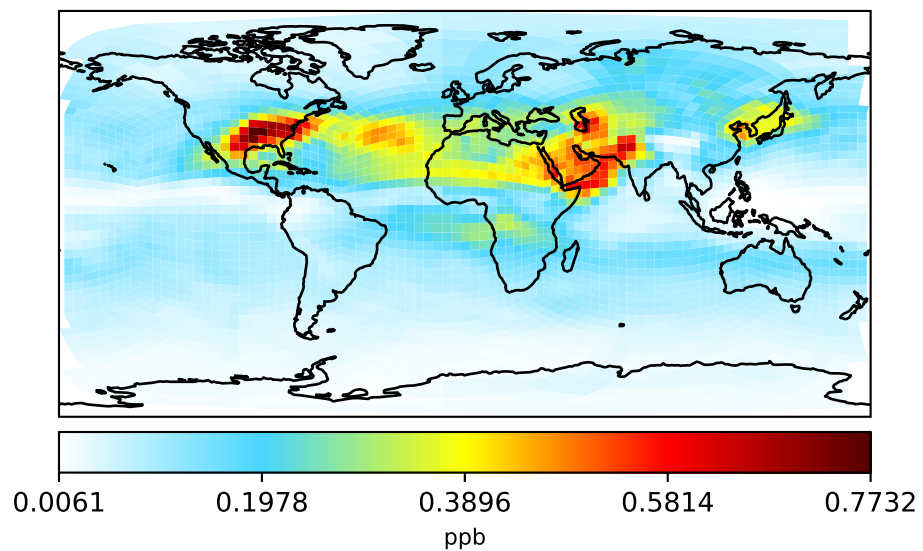


Ratio
Dev/Ref, Fixed Range

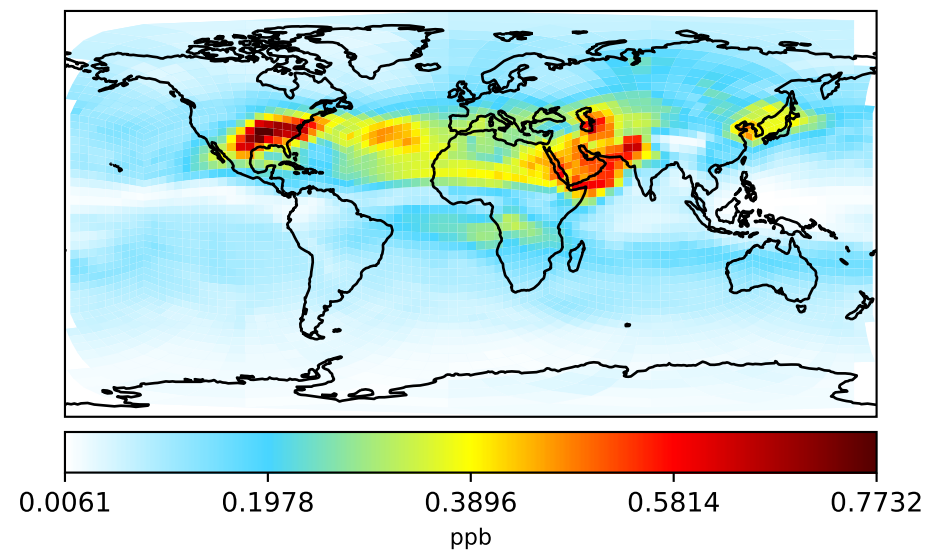


SpeciesConcVV_HNO3

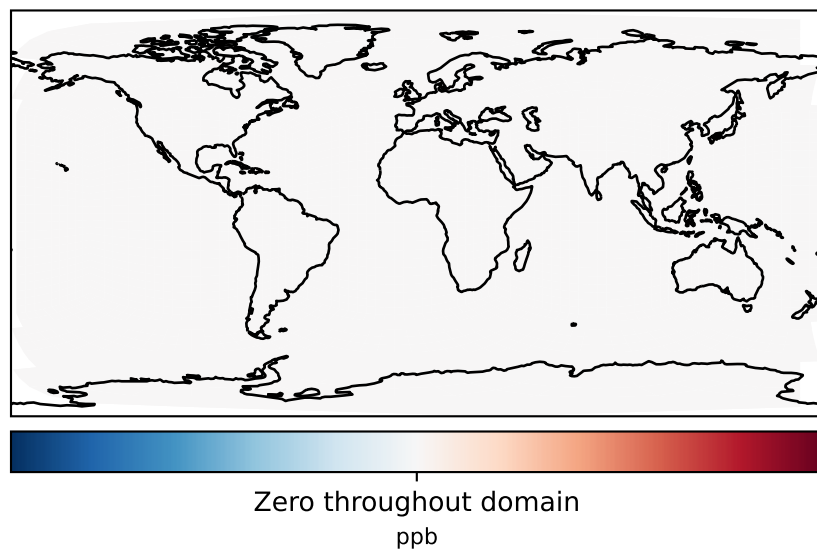
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



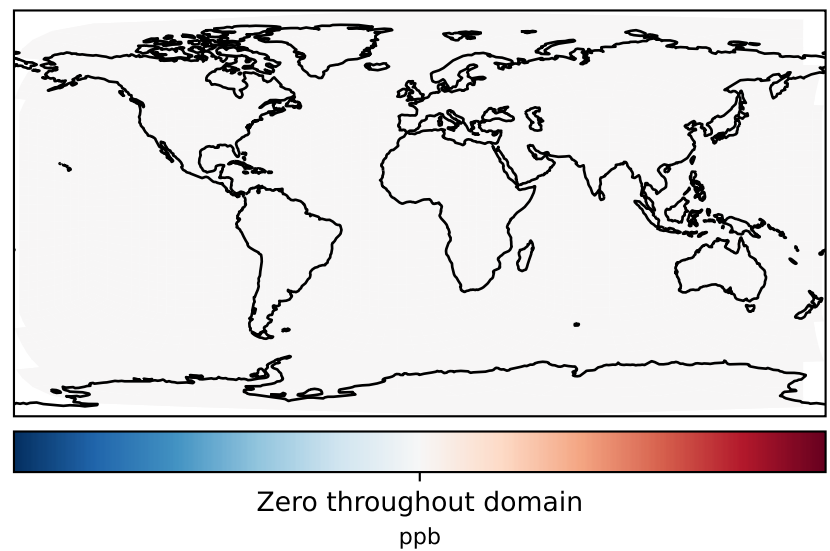
gchp-c24-1Mon-14.4.0 (Dev)
c24



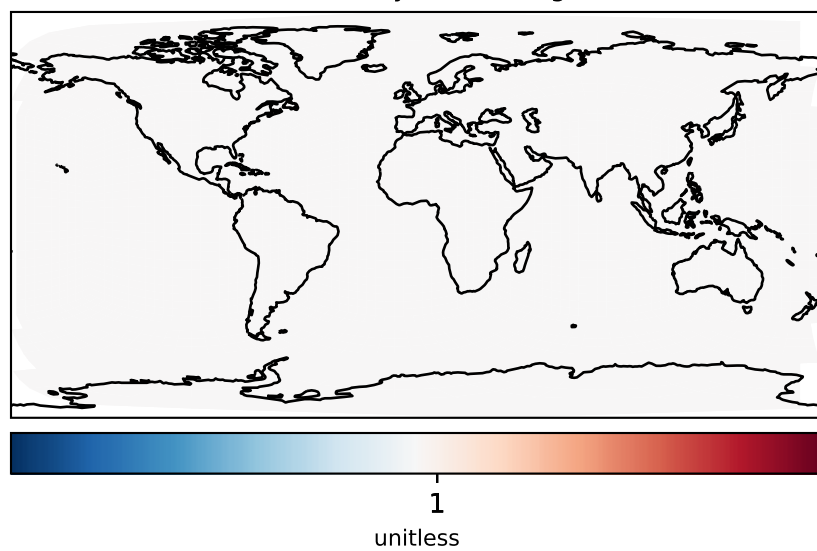
Difference
Dev - Ref, Dynamic Range



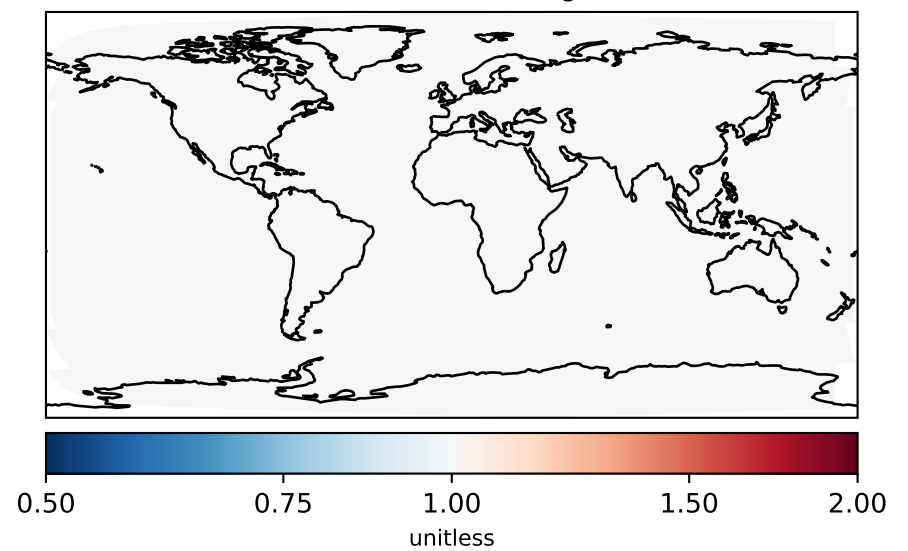
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

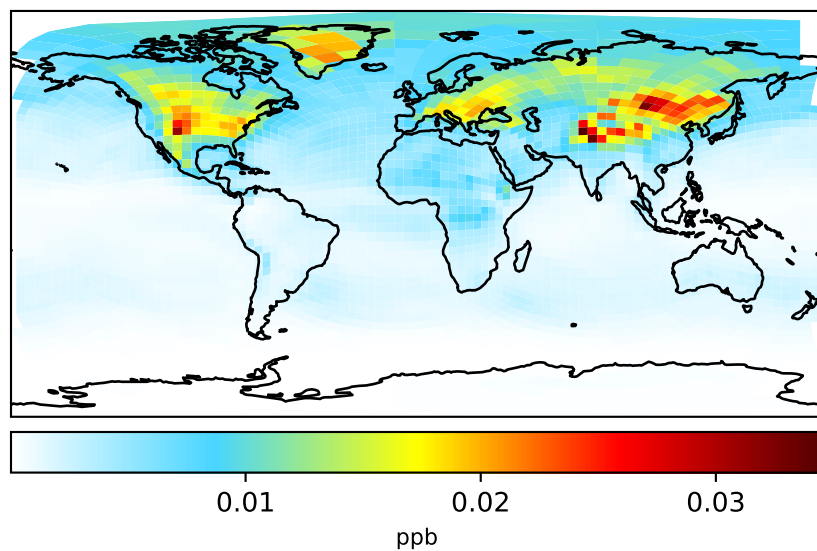


Ratio
Dev/Ref, Fixed Range

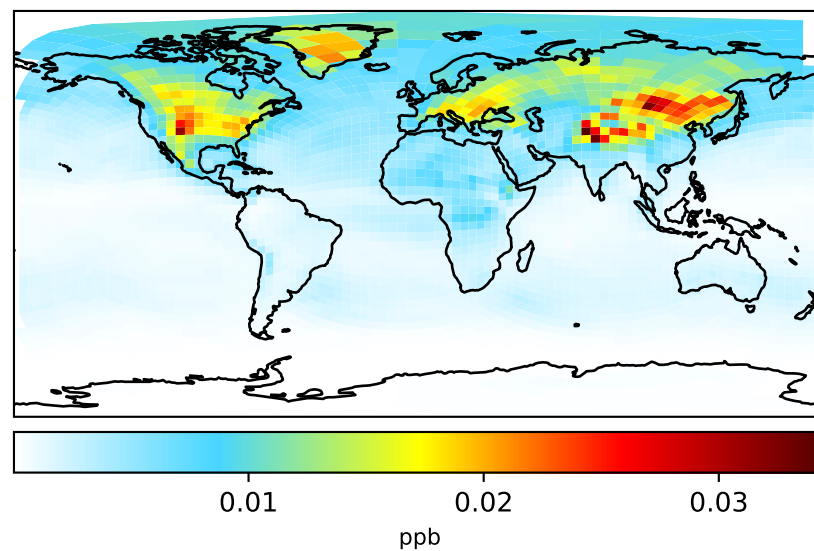


SpeciesConcVV_HNO4

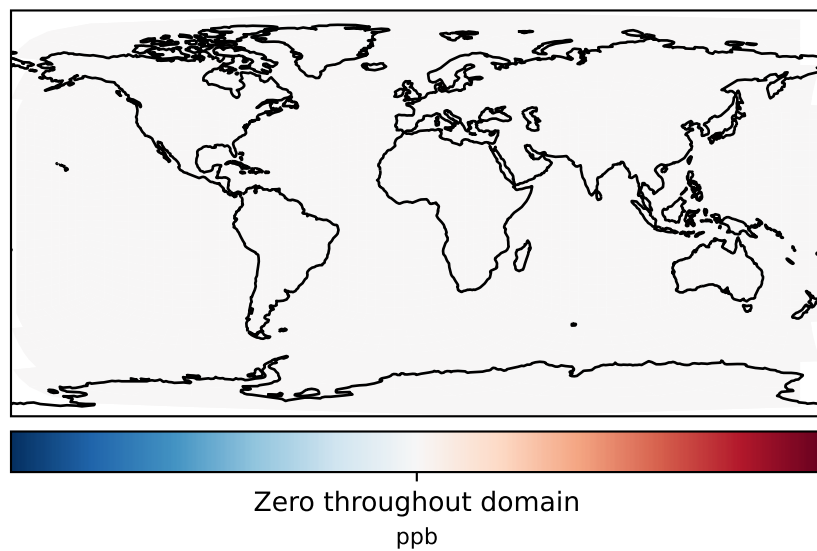
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



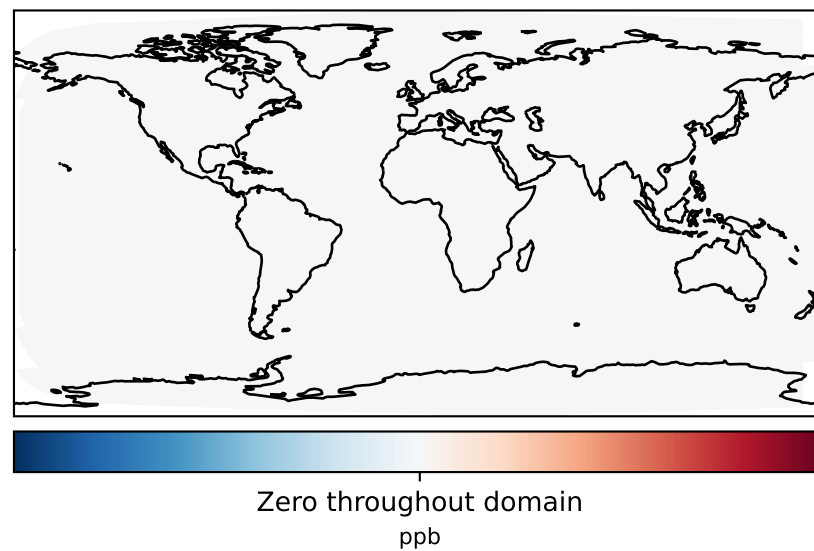
gchp-c24-1Mon-14.4.0 (Dev)
c24



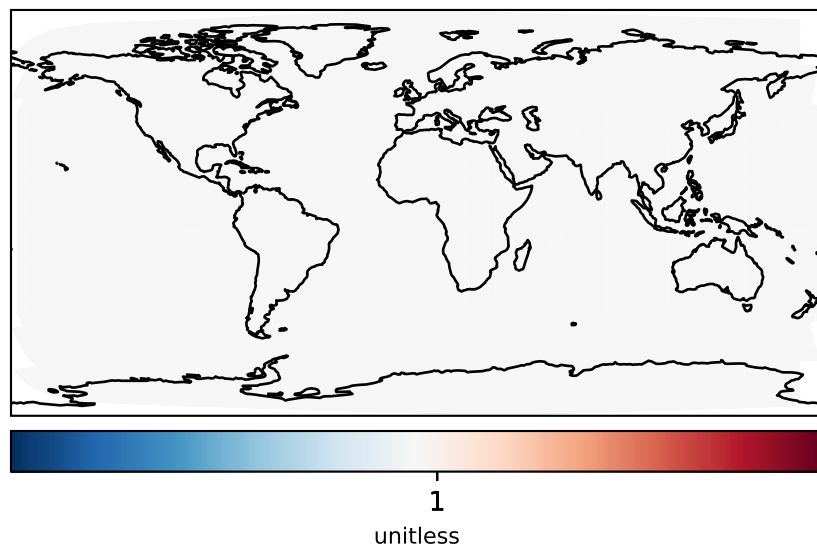
Difference
Dev - Ref, Dynamic Range



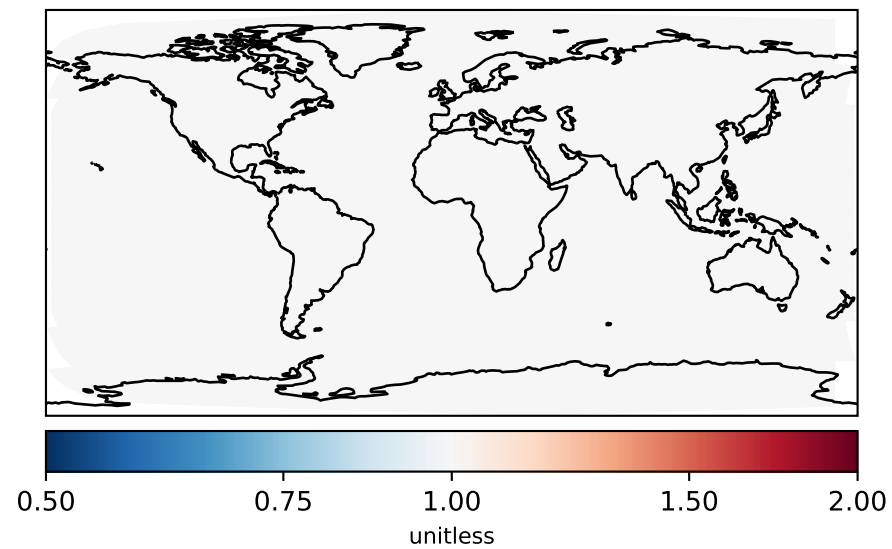
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

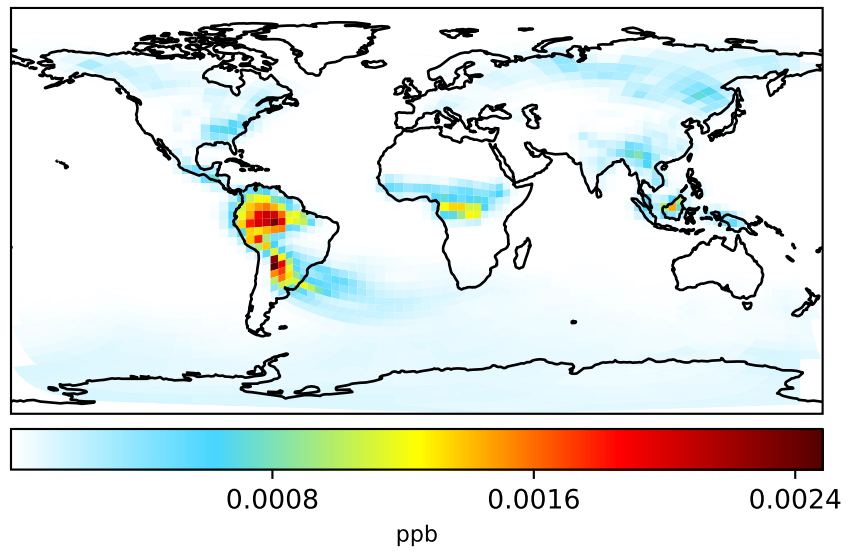


Ratio
Dev/Ref, Fixed Range

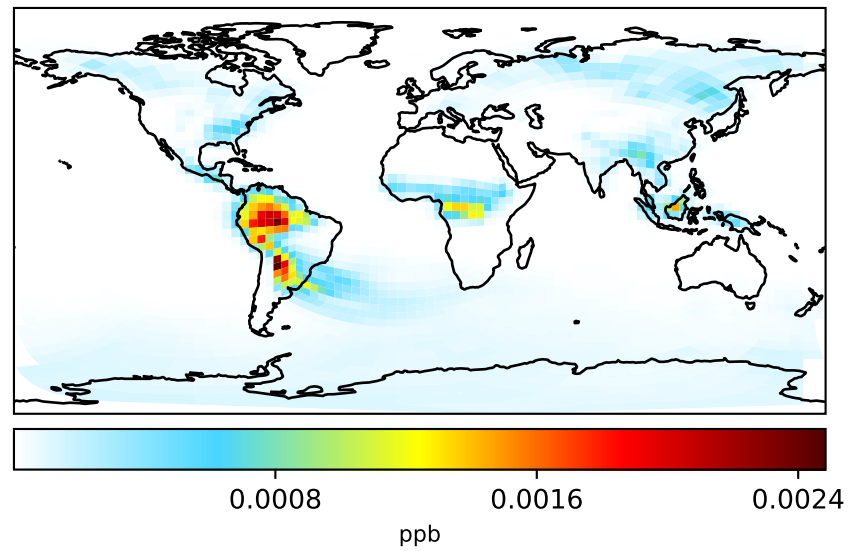


SpeciesConcVV_MPAN

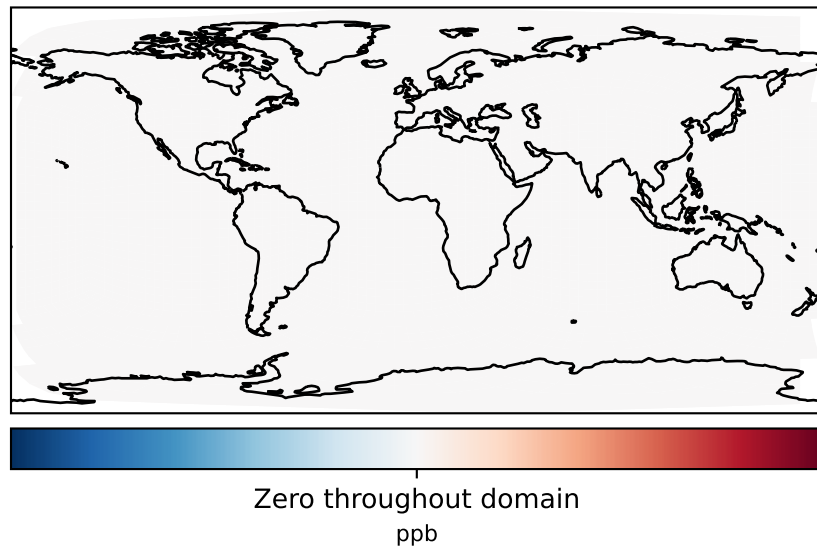
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



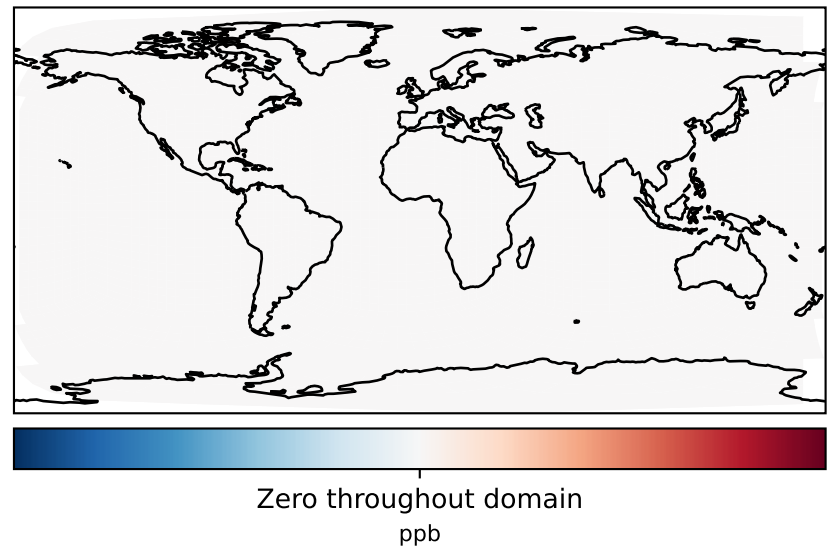
gchp-c24-1Mon-14.4.0 (Dev)
c24



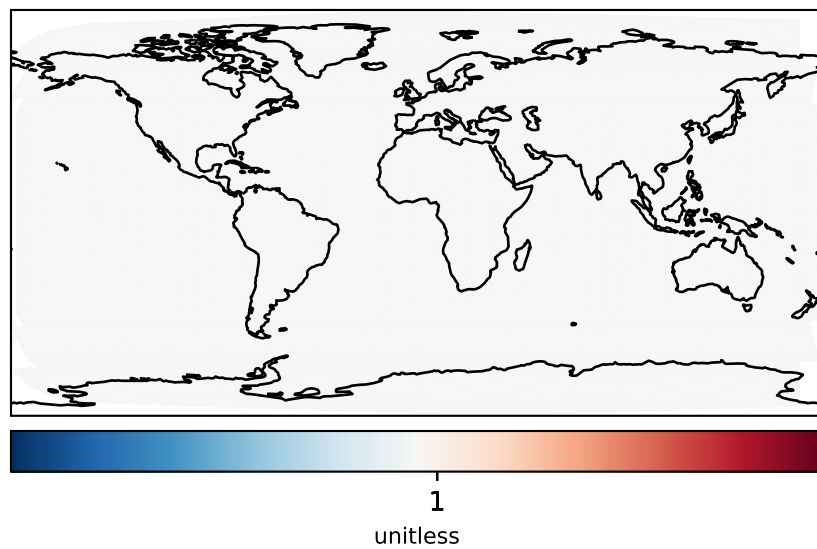
Difference
Dev - Ref, Dynamic Range



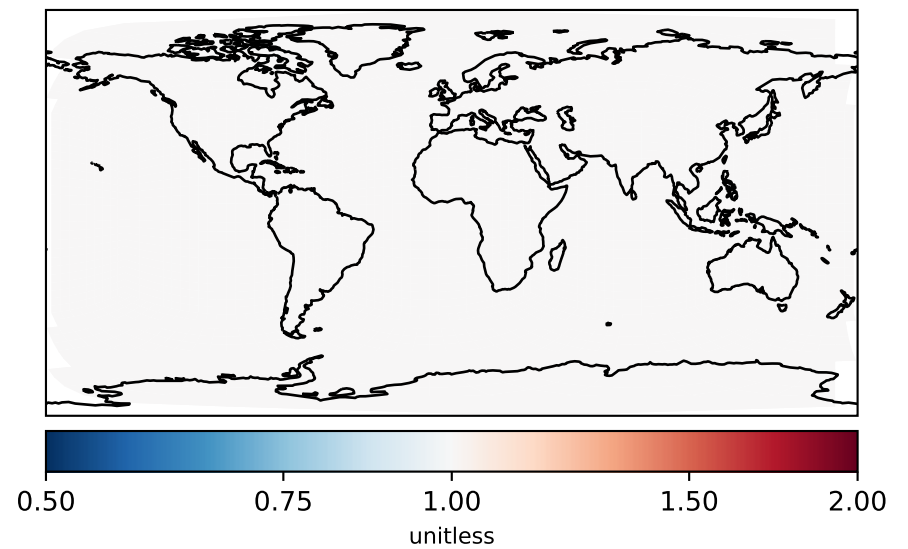
Difference
Dev - Ref, Restricted Range [5%,95%]



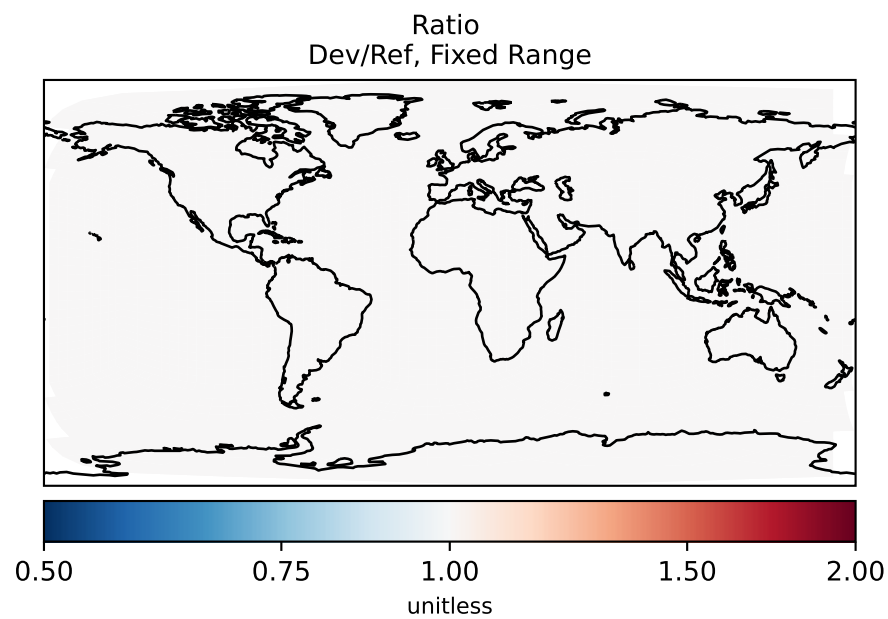
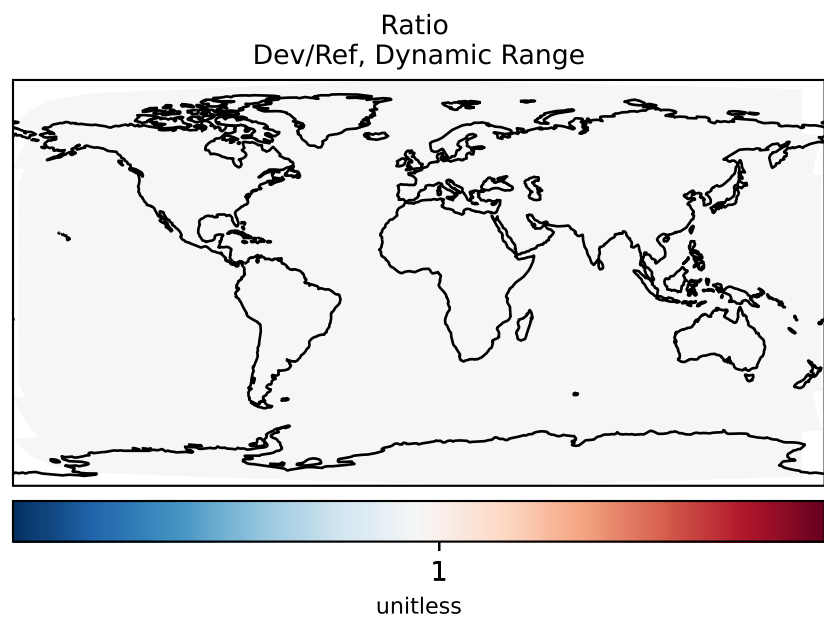
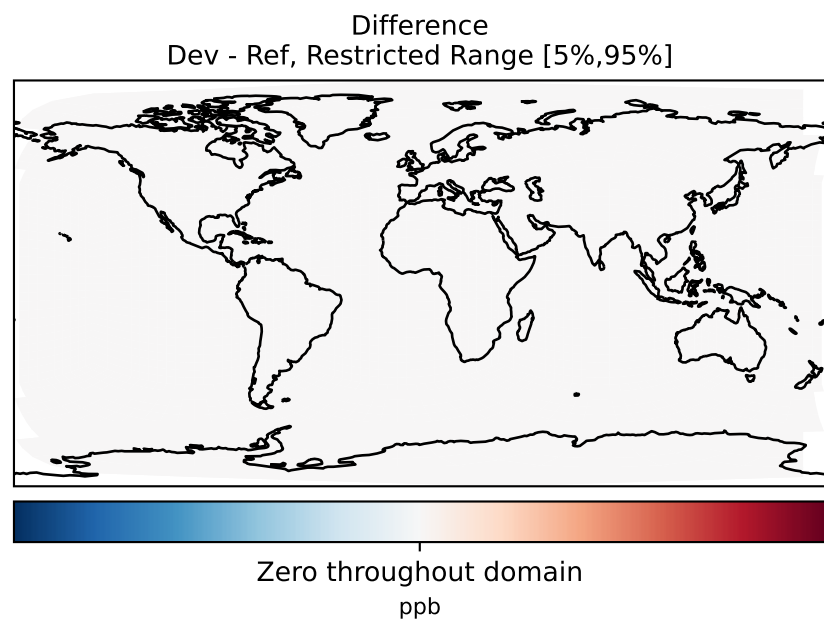
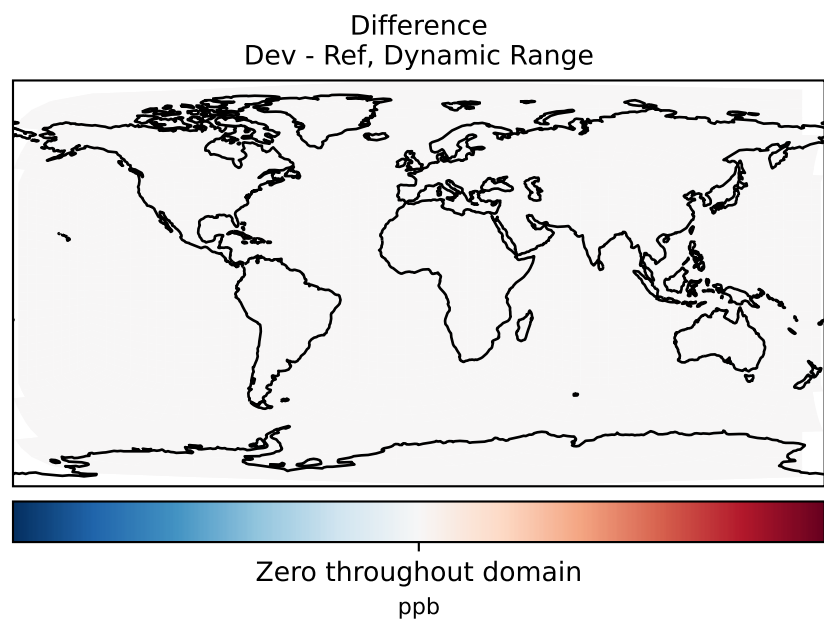
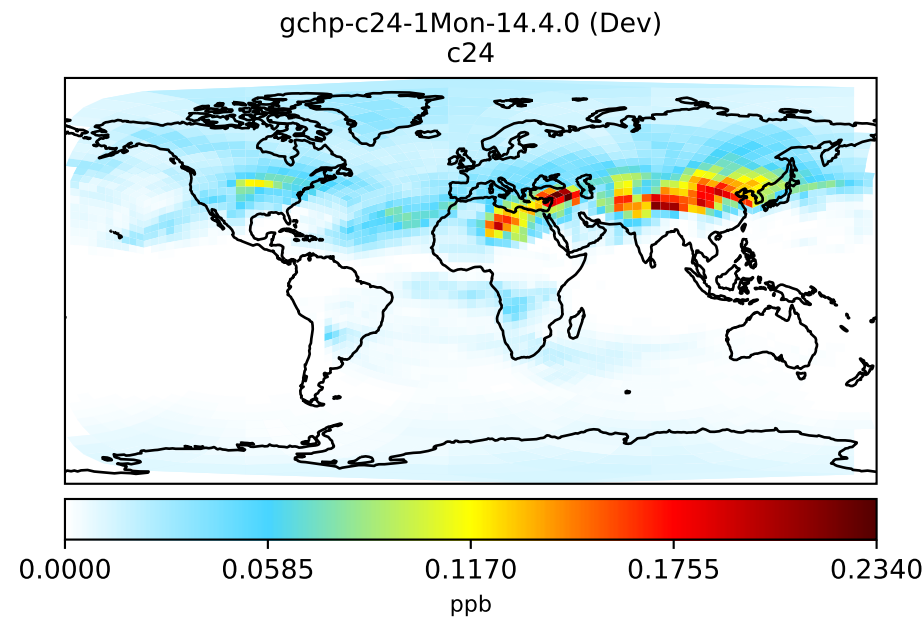
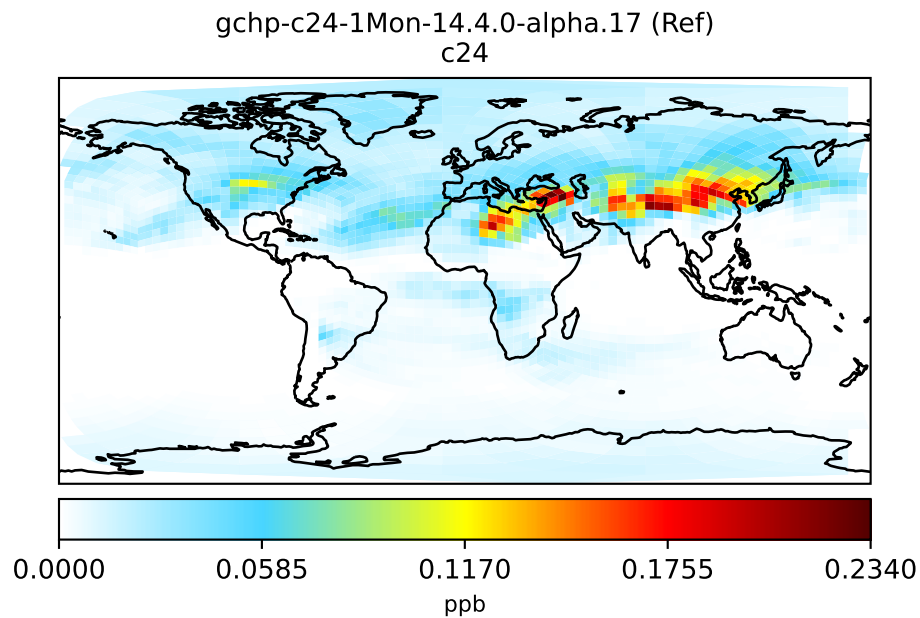
Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

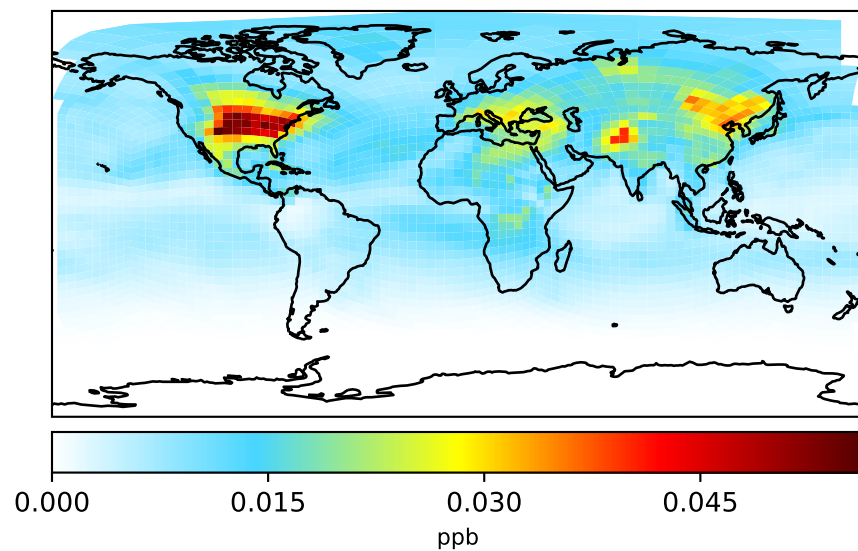


SpeciesConcVV_NIT

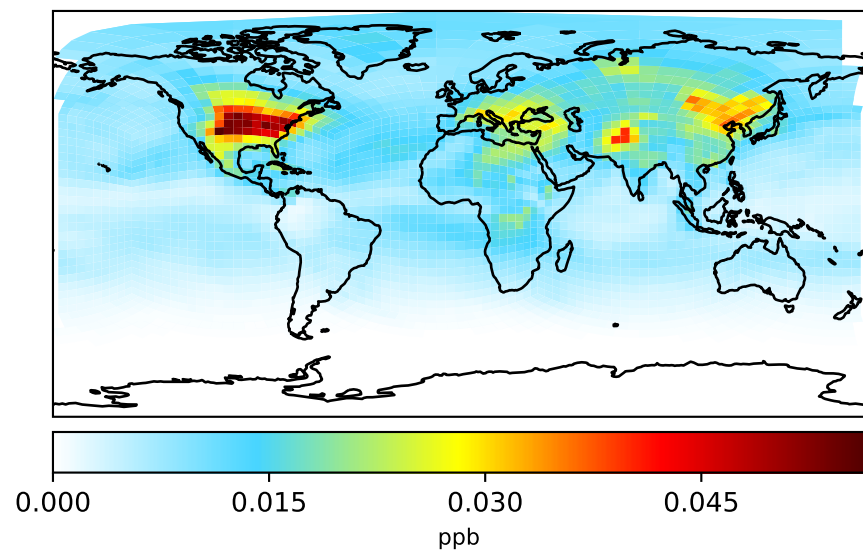


SpeciesConcVV_NO

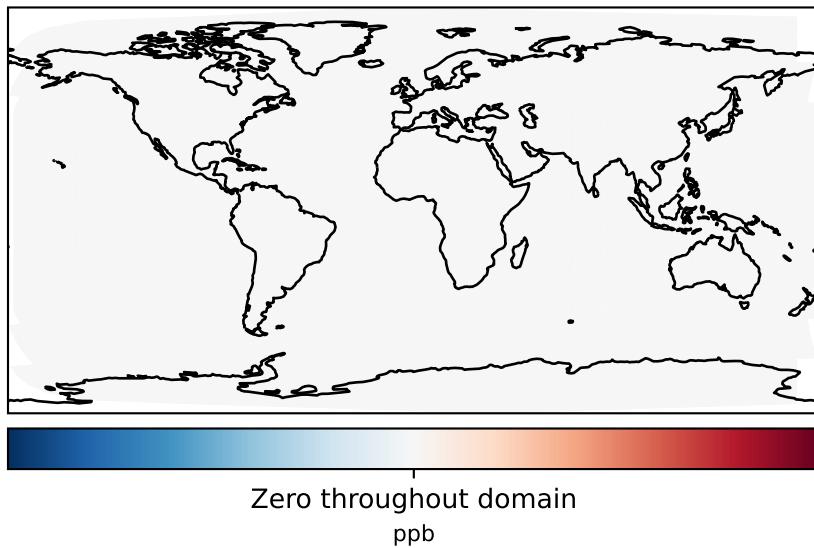
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



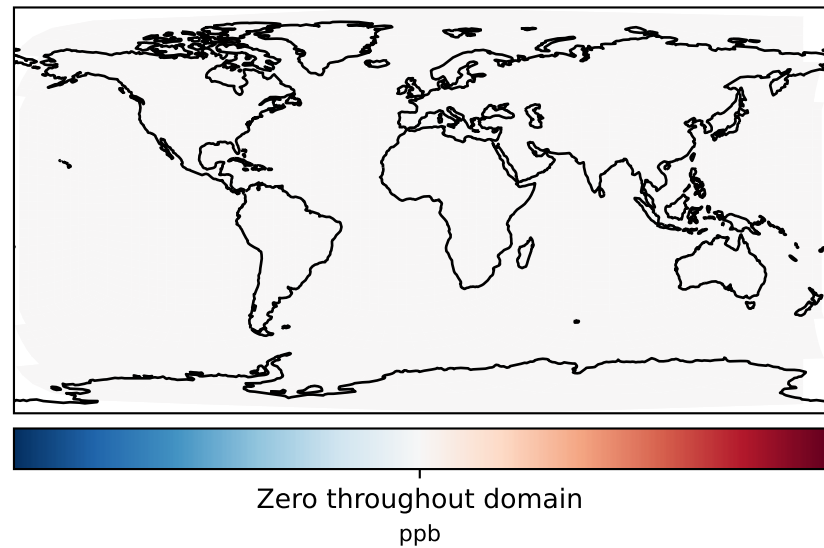
gchp-c24-1Mon-14.4.0 (Dev)
c24



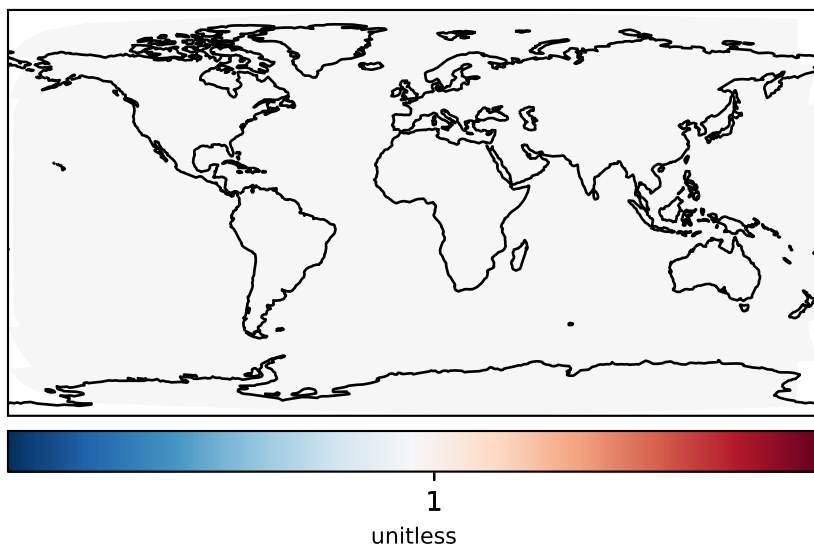
Difference
Dev - Ref, Dynamic Range



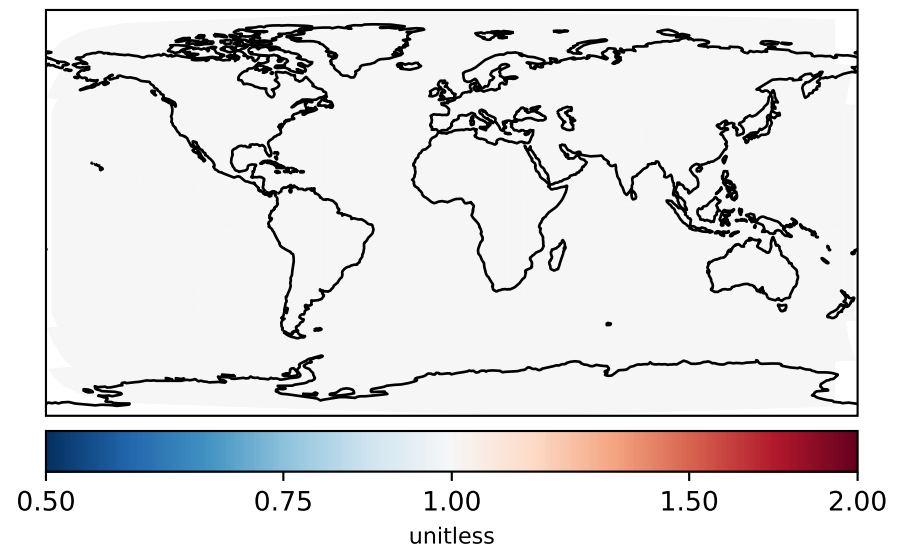
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

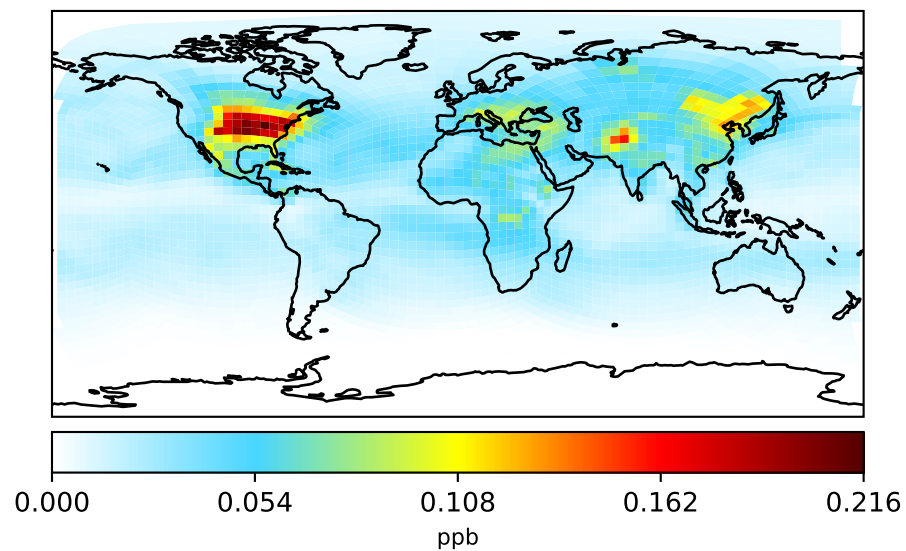


Ratio
Dev/Ref, Fixed Range

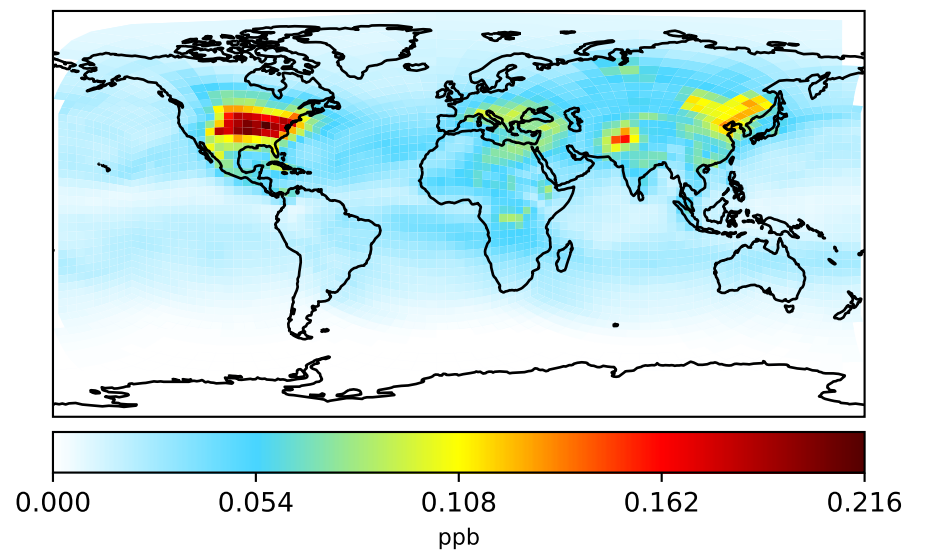


SpeciesConcVV_NO2

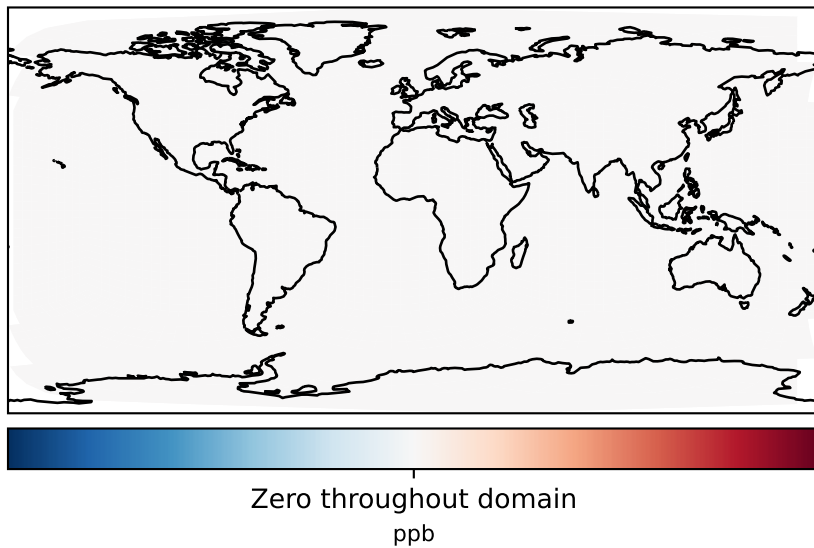
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



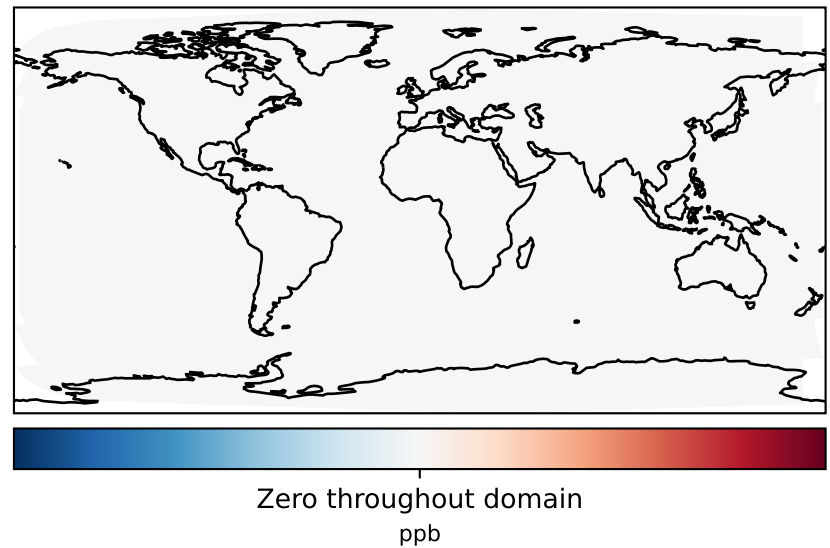
gchp-c24-1Mon-14.4.0 (Dev)
c24



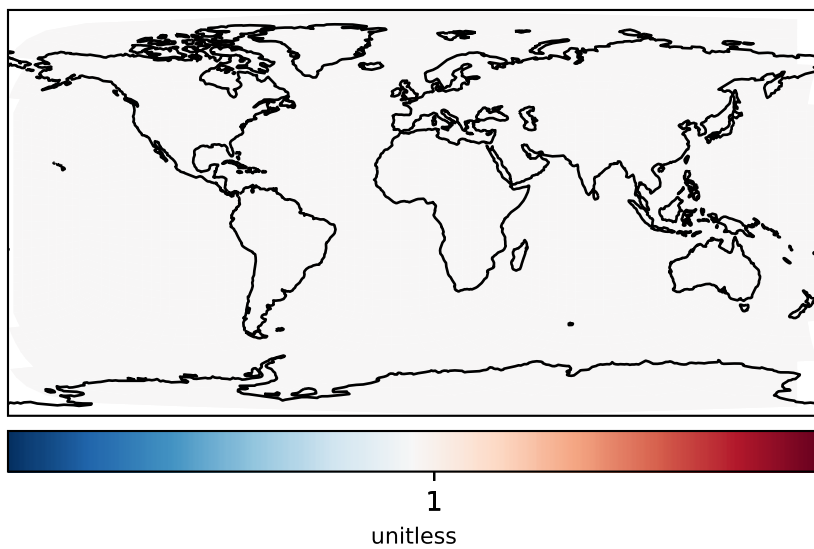
Difference
Dev - Ref, Dynamic Range



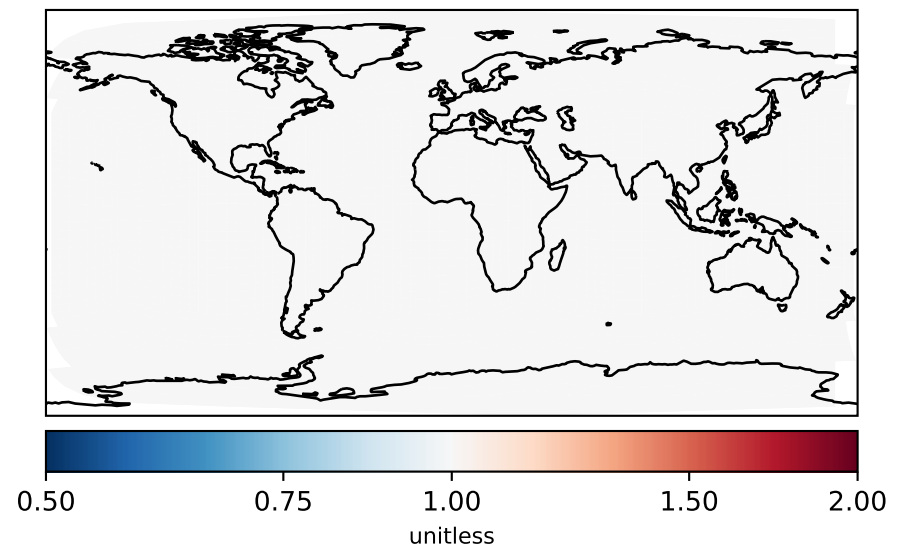
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

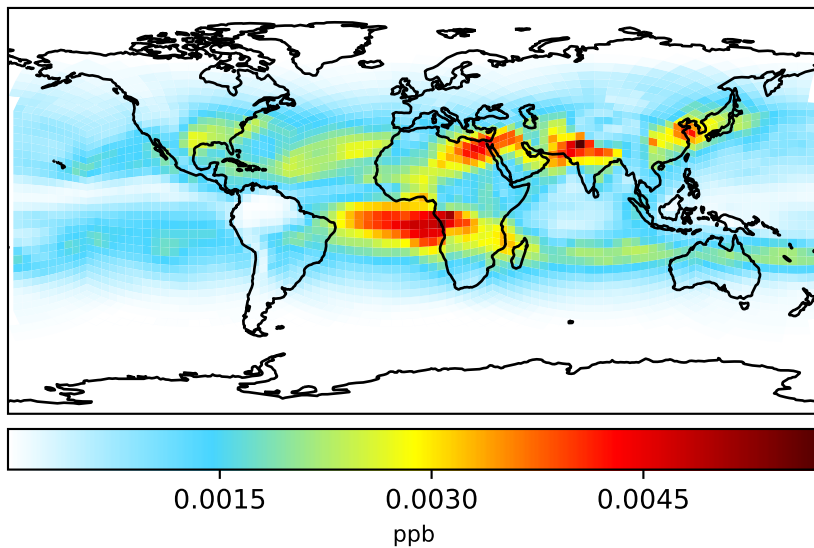


Ratio
Dev/Ref, Fixed Range

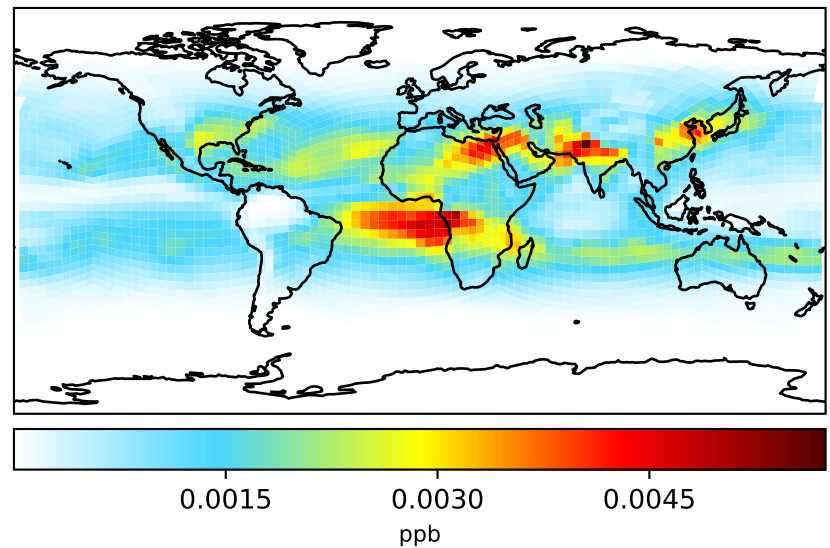


SpeciesConcVV_NO3

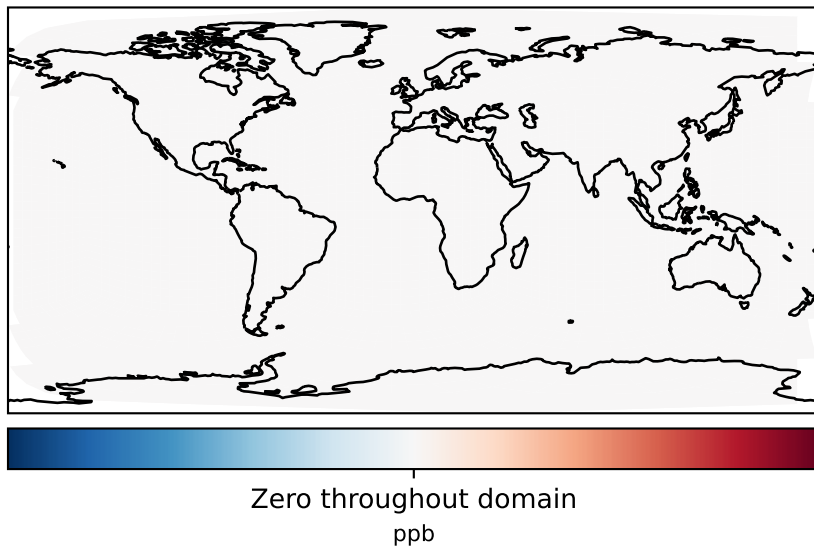
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



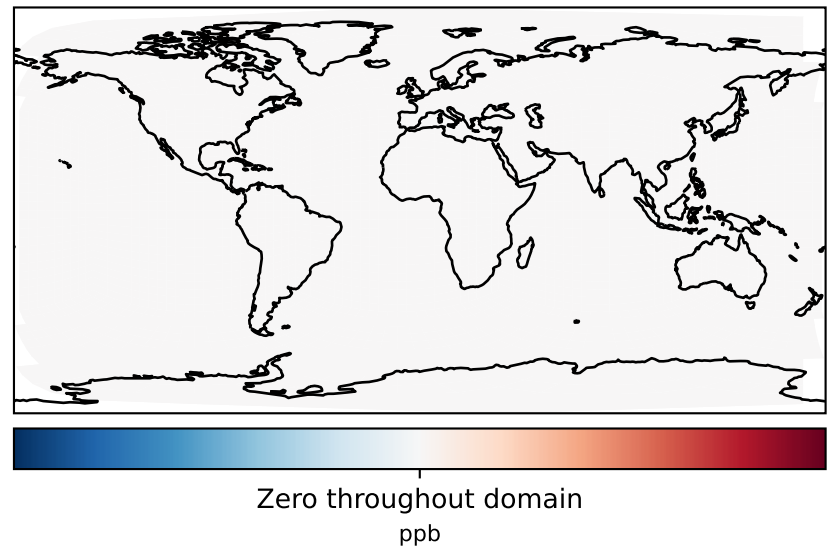
gchp-c24-1Mon-14.4.0 (Dev)
c24



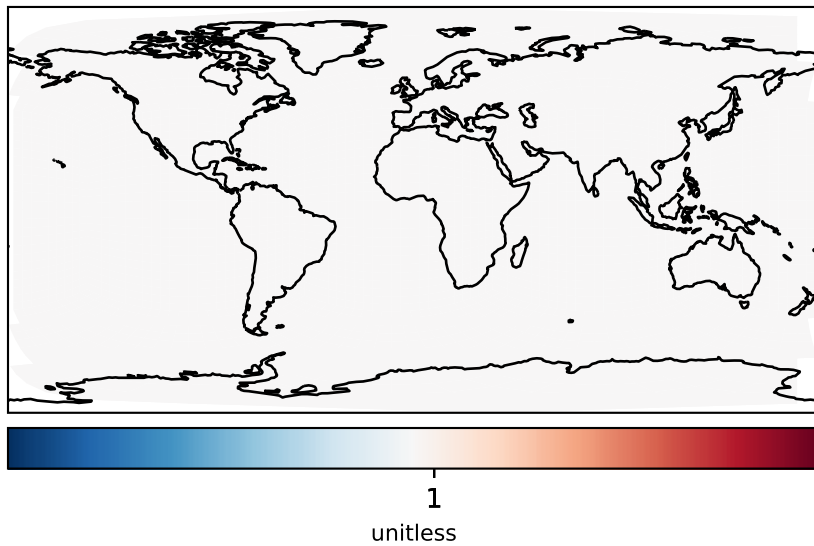
Difference
Dev - Ref, Dynamic Range



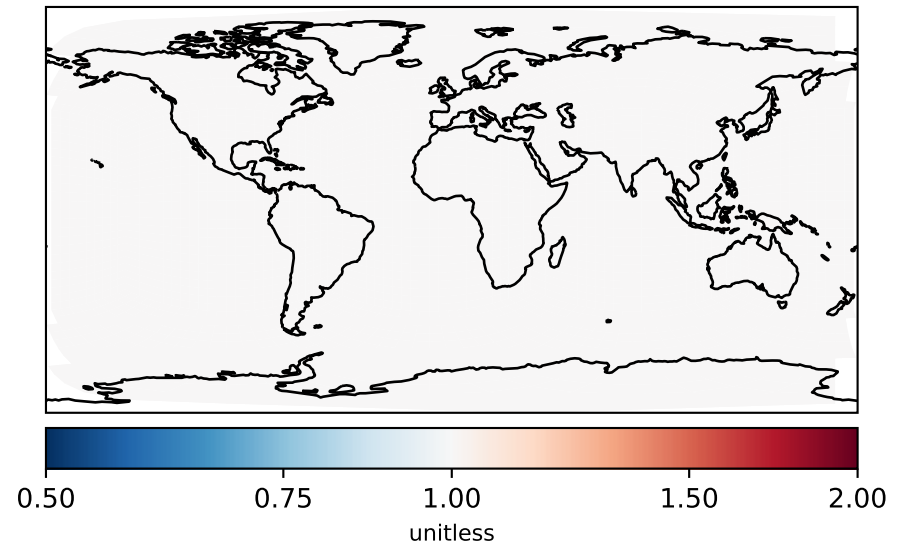
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

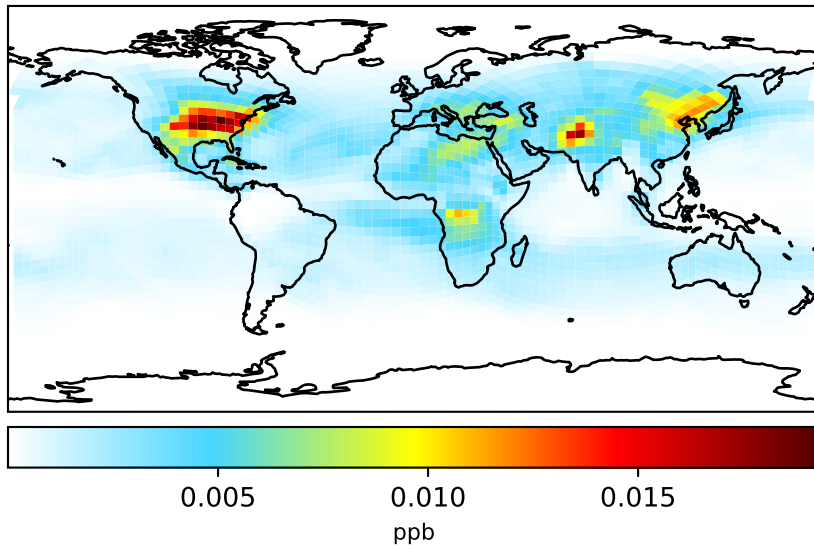


Ratio
Dev/Ref, Fixed Range

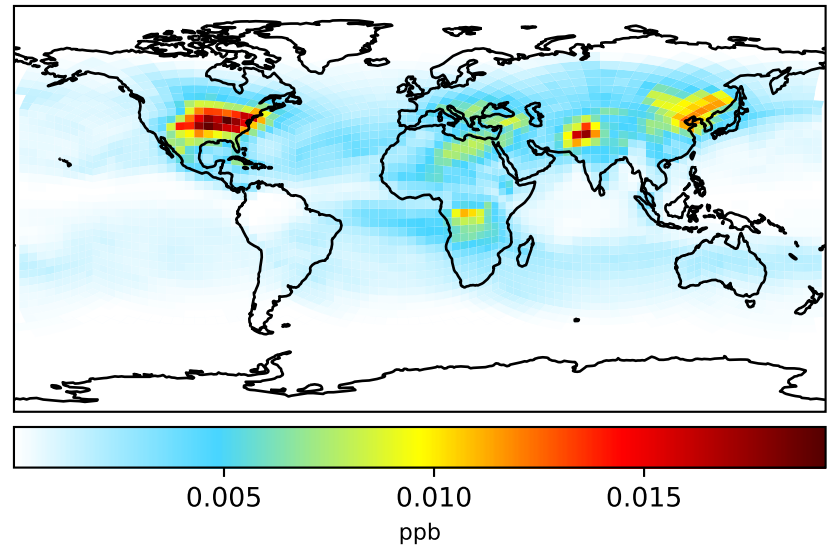


SpeciesConcVW_N2O5

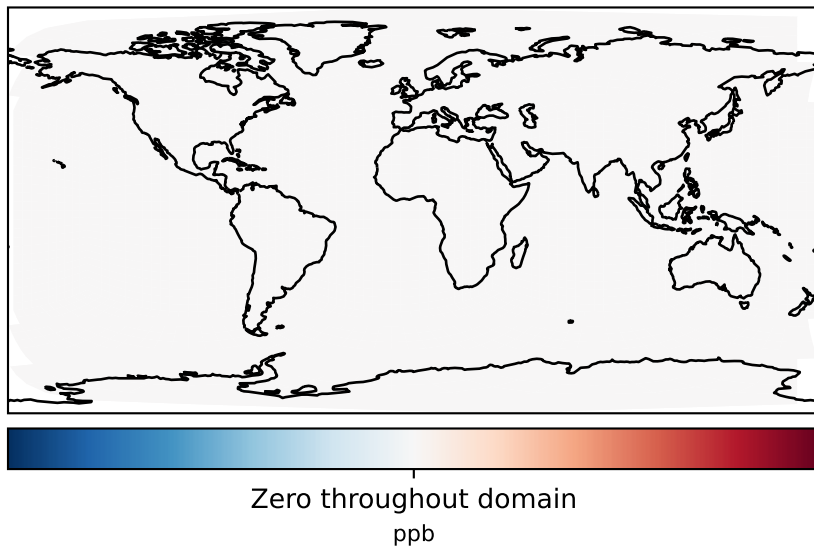
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



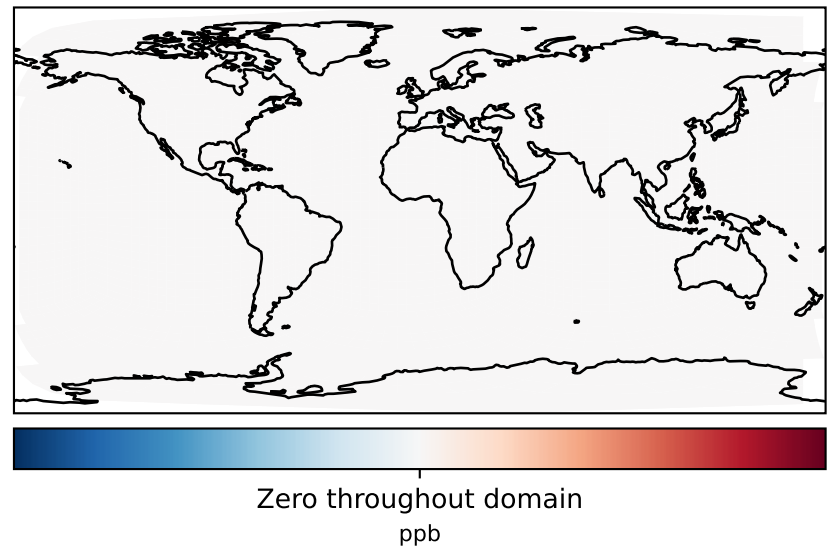
gchp-c24-1Mon-14.4.0 (Dev)
c24



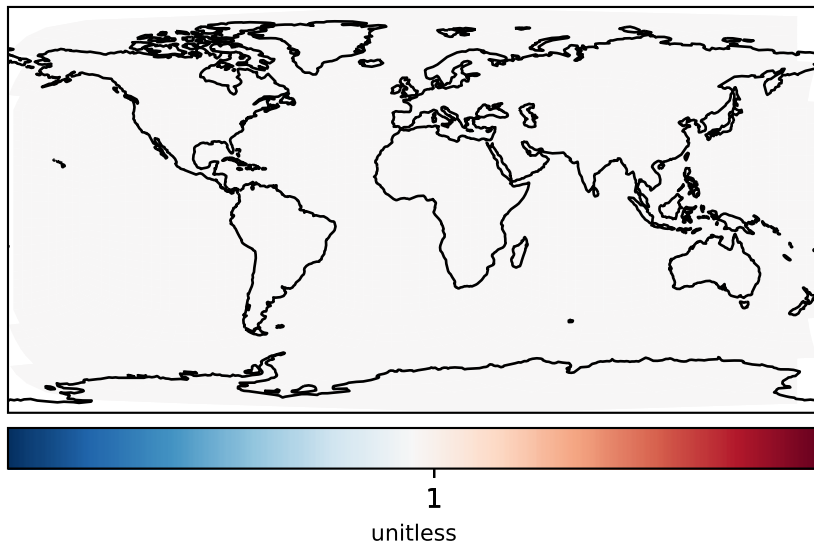
Difference
Dev - Ref, Dynamic Range



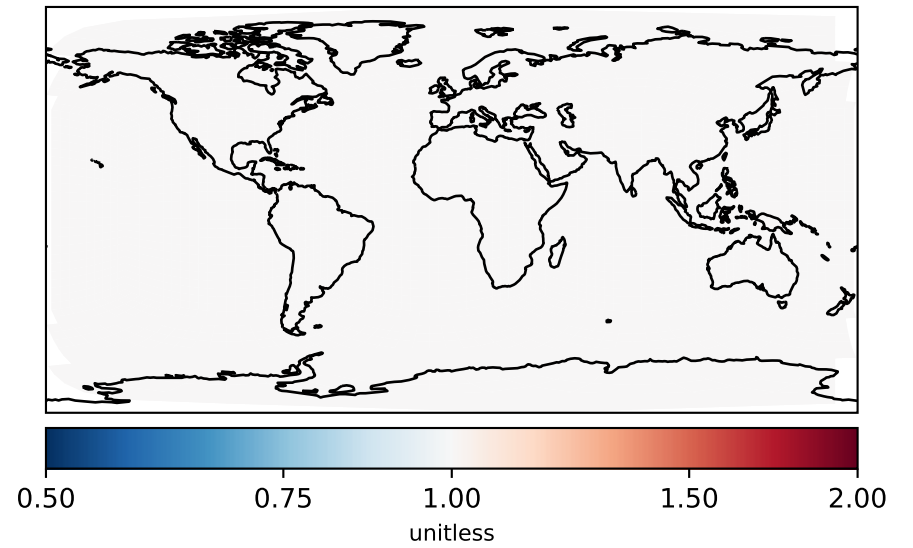
Difference
Dev - Ref, Restricted Range [5%,95%]



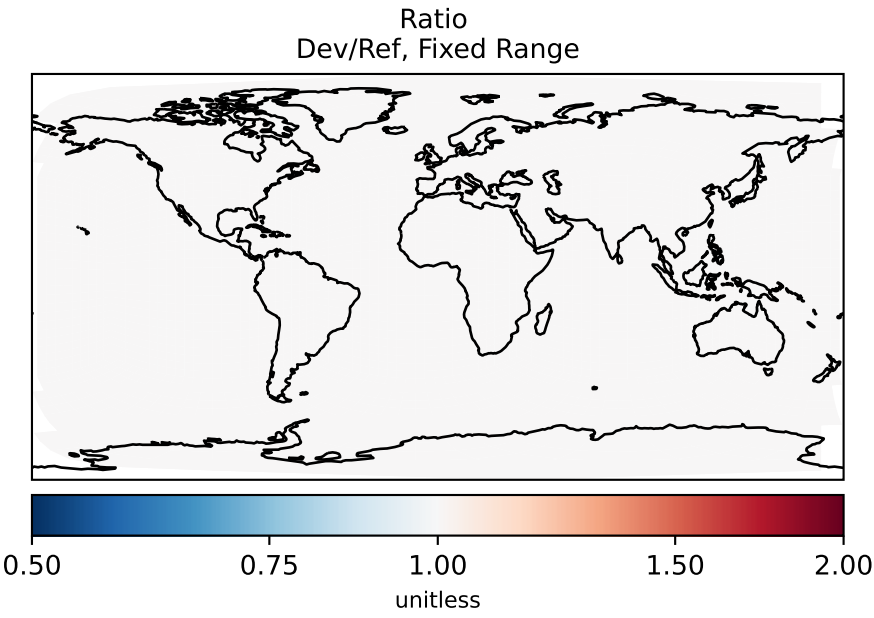
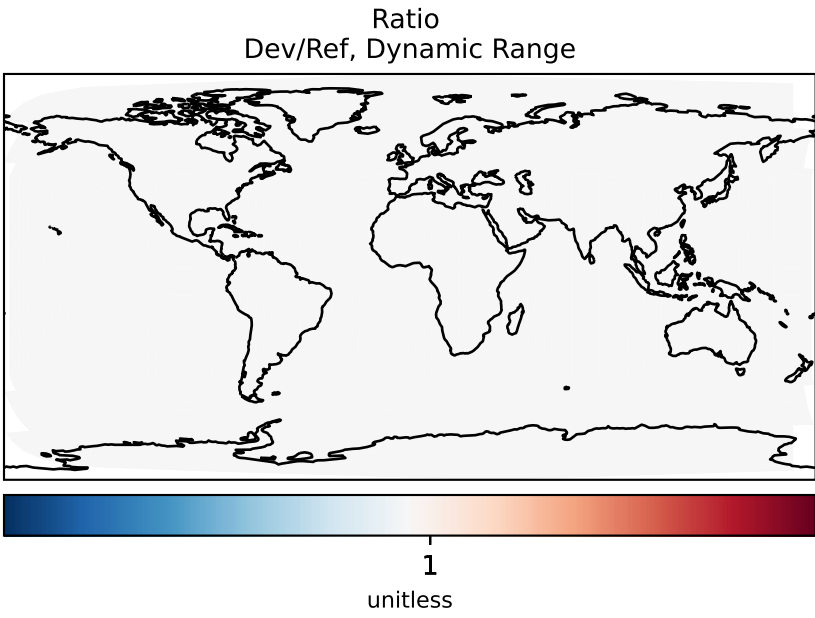
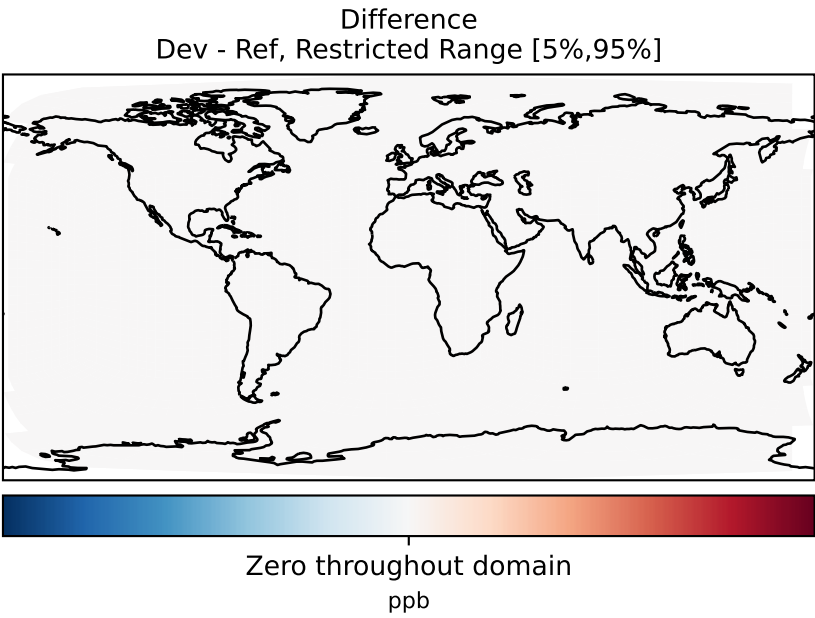
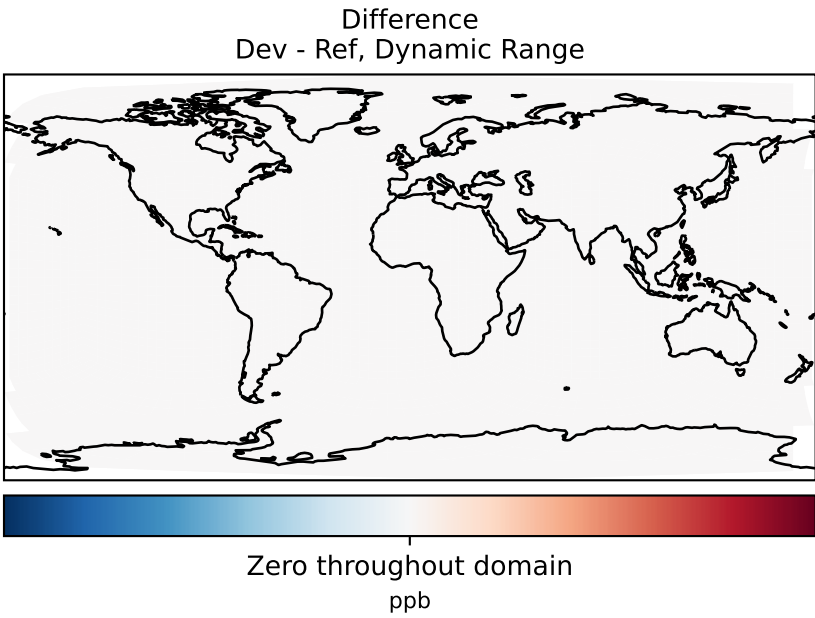
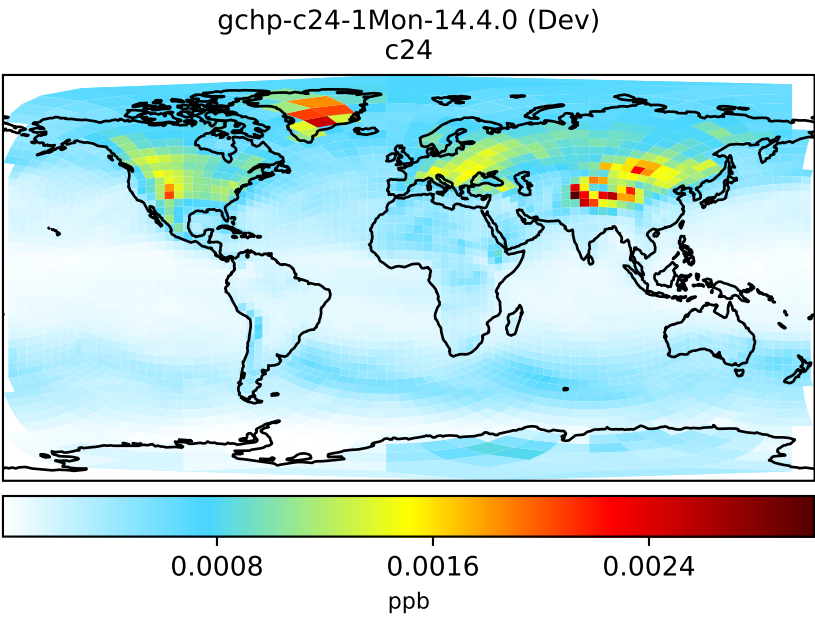
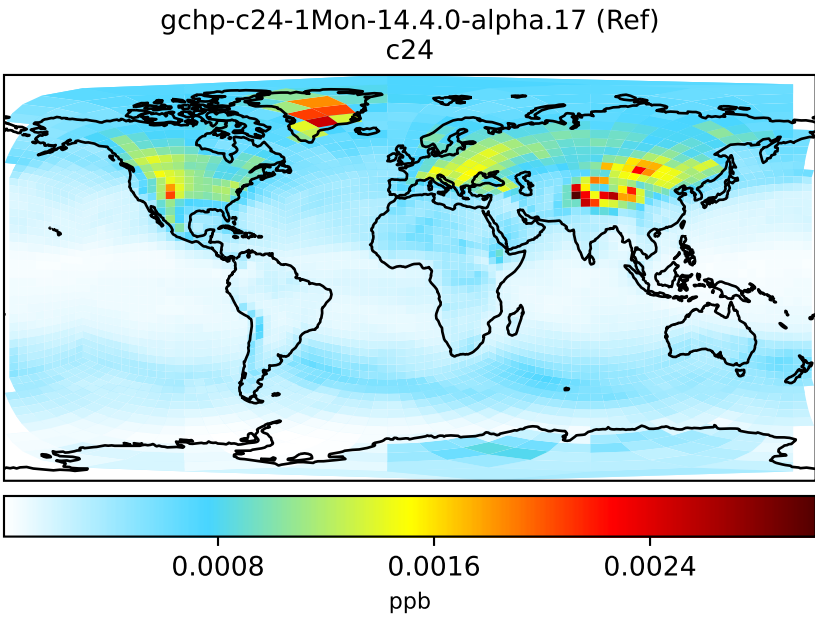
Ratio
Dev/Ref, Dynamic Range



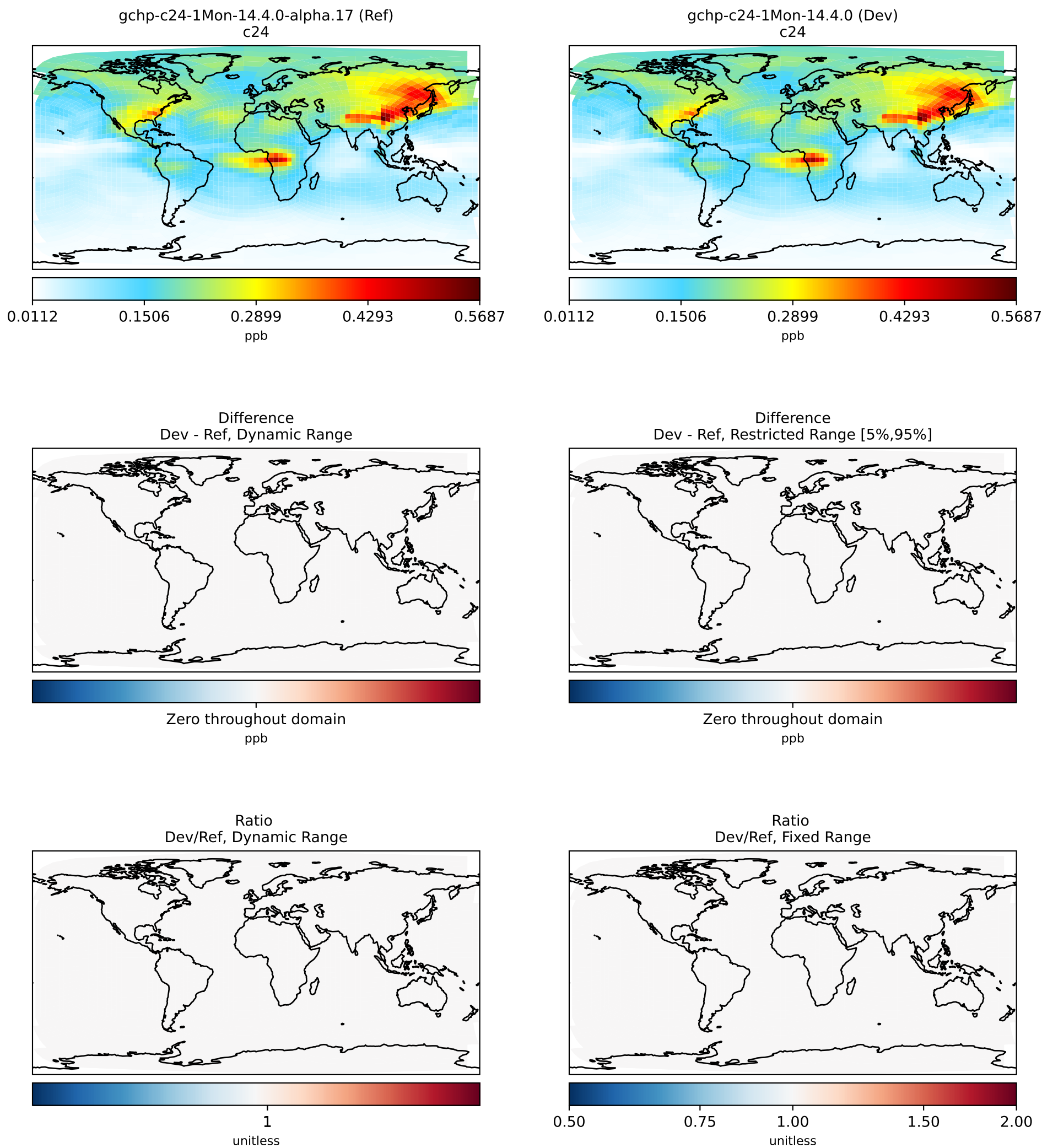
Ratio
Dev/Ref, Fixed Range



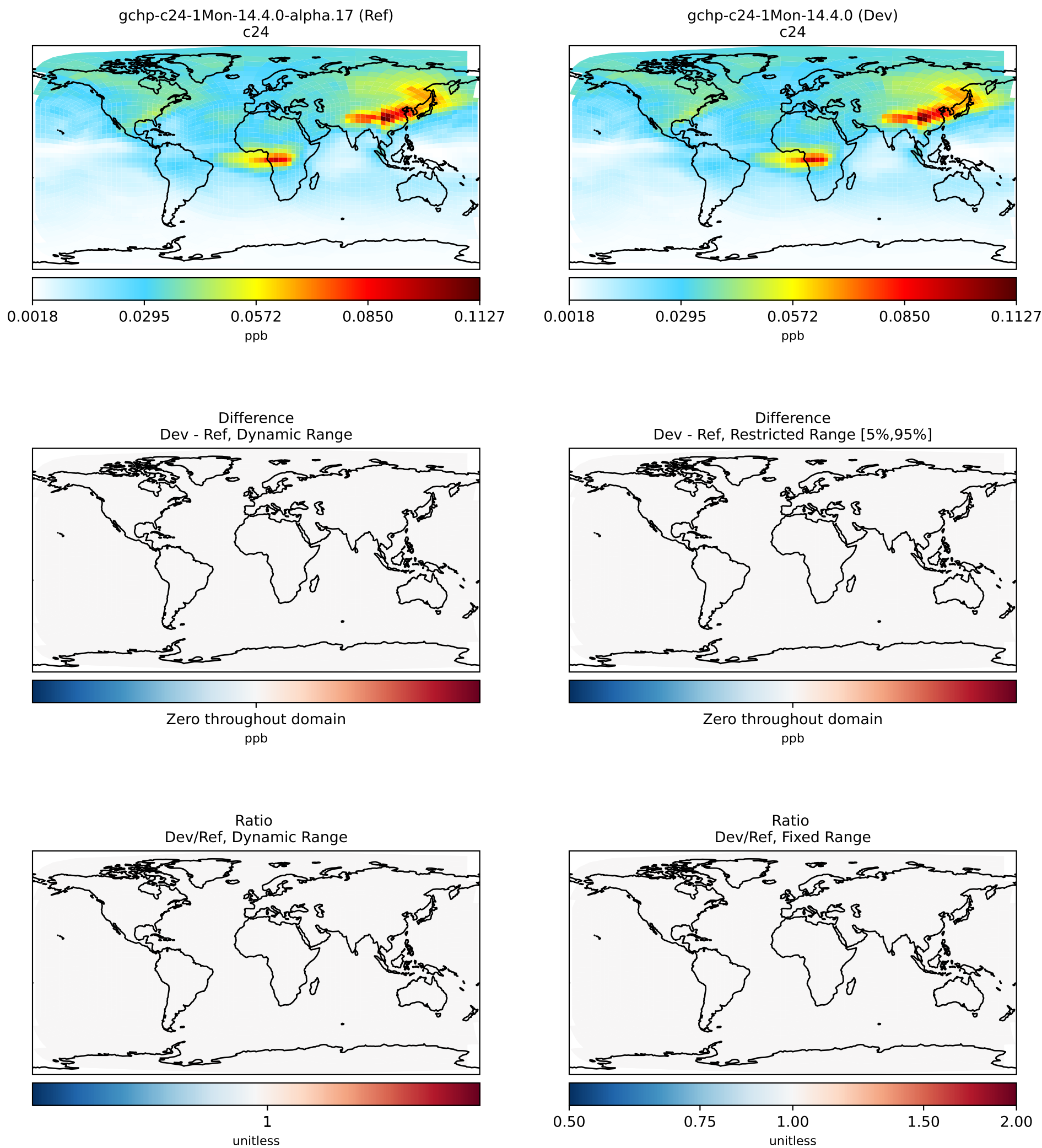
SpeciesConcVV_MPN



SpeciesConcVV_PAN

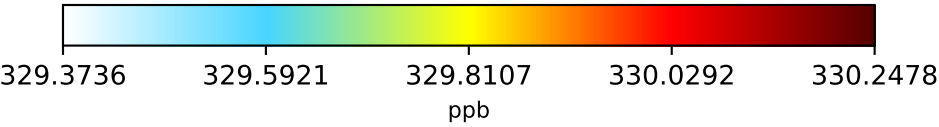
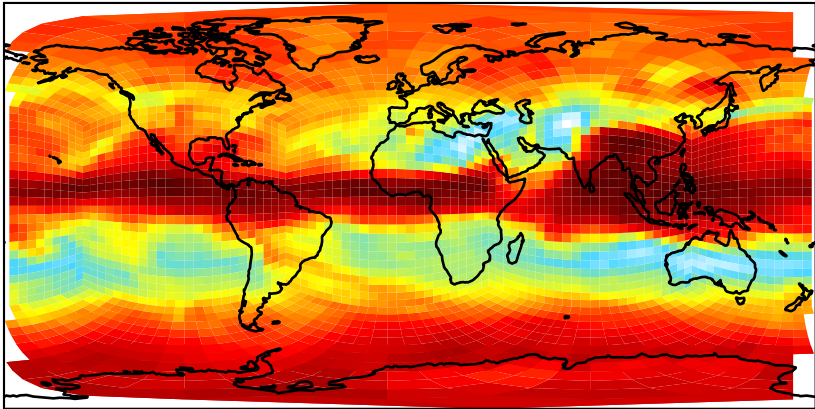


SpeciesConcVV_PPN

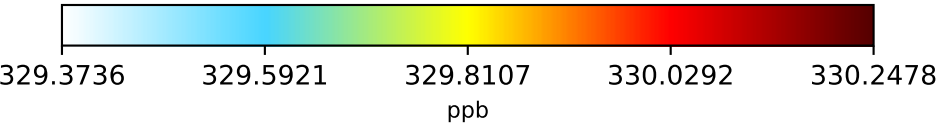
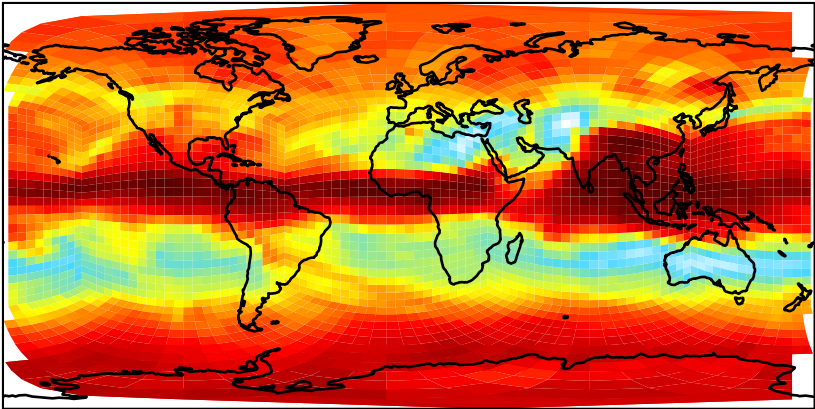


SpeciesConcVV_N2O

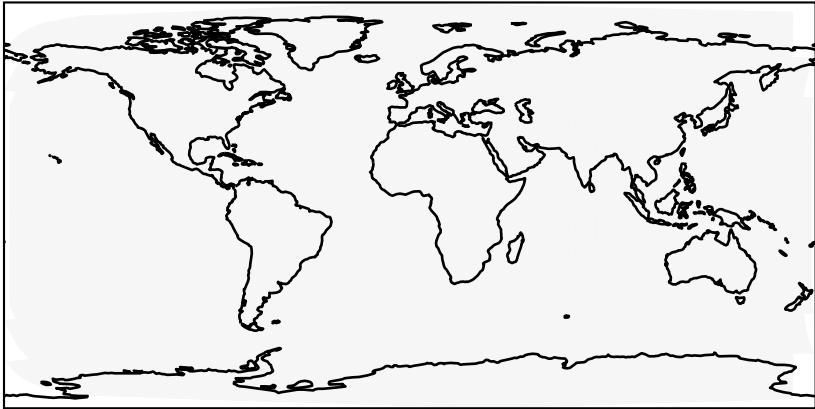
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



gchp-c24-1Mon-14.4.0 (Dev)
c24

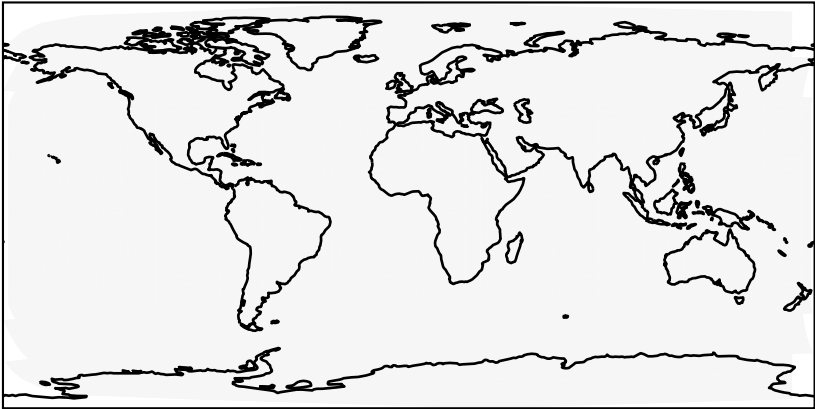


Difference
Dev - Ref, Dynamic Range



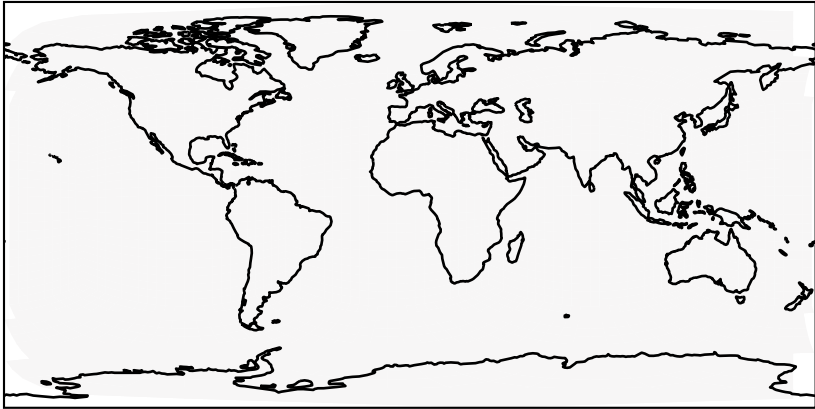
Zero throughout domain
ppb

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



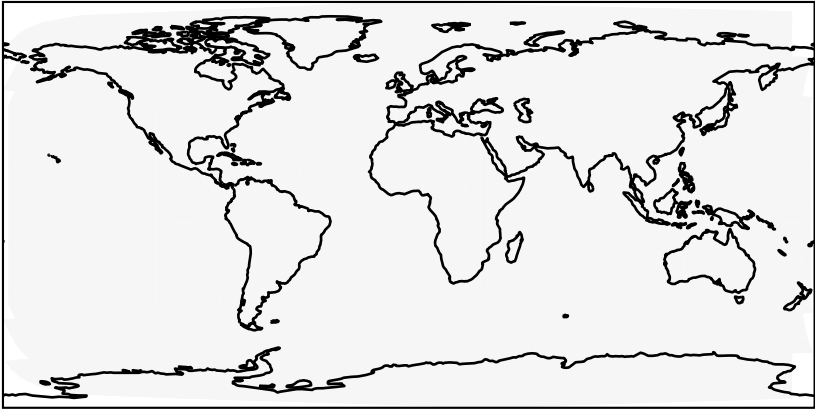
Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range



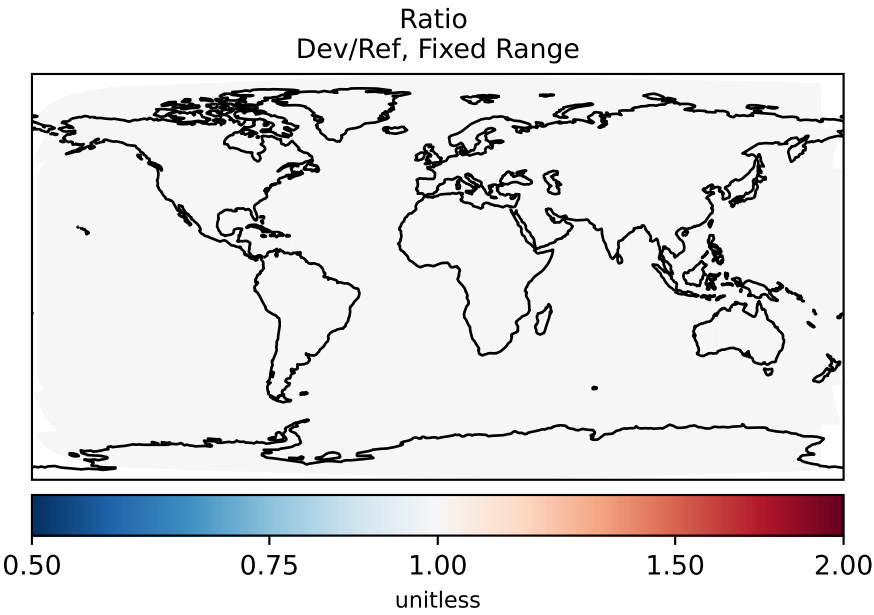
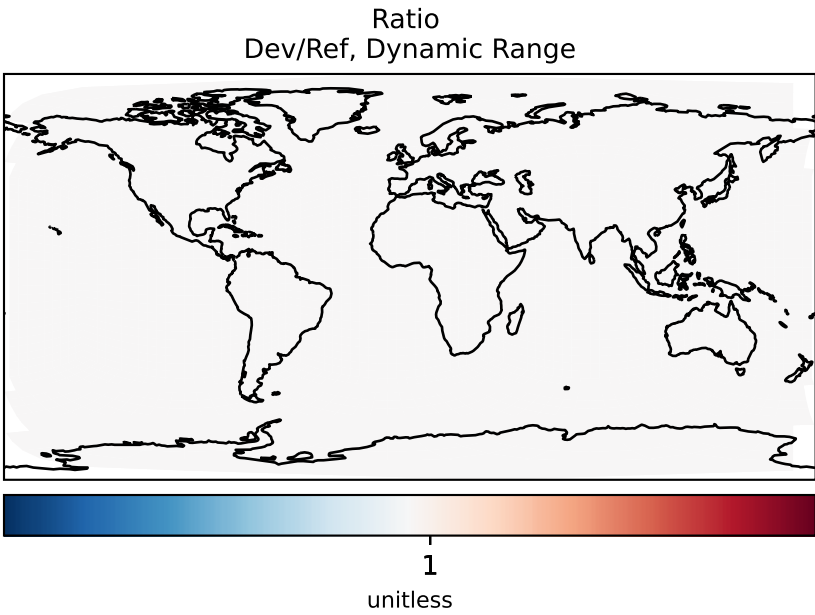
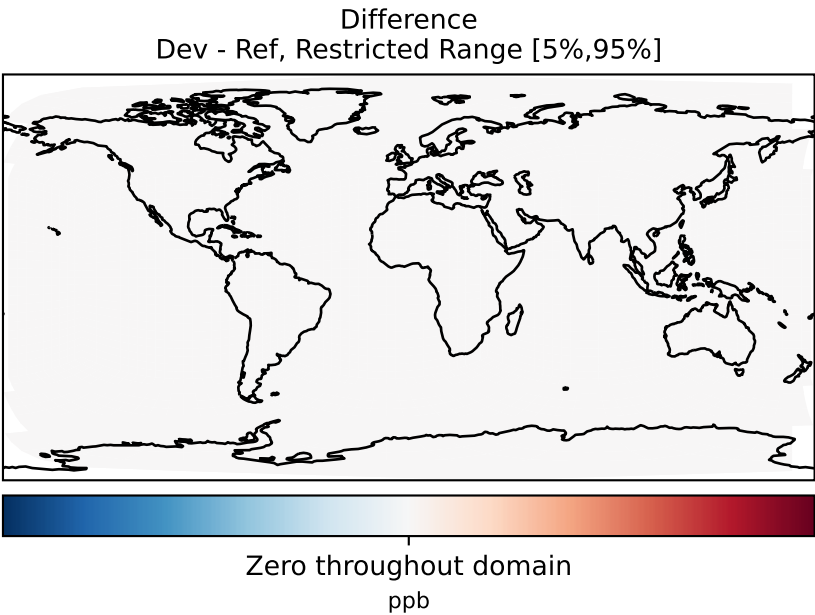
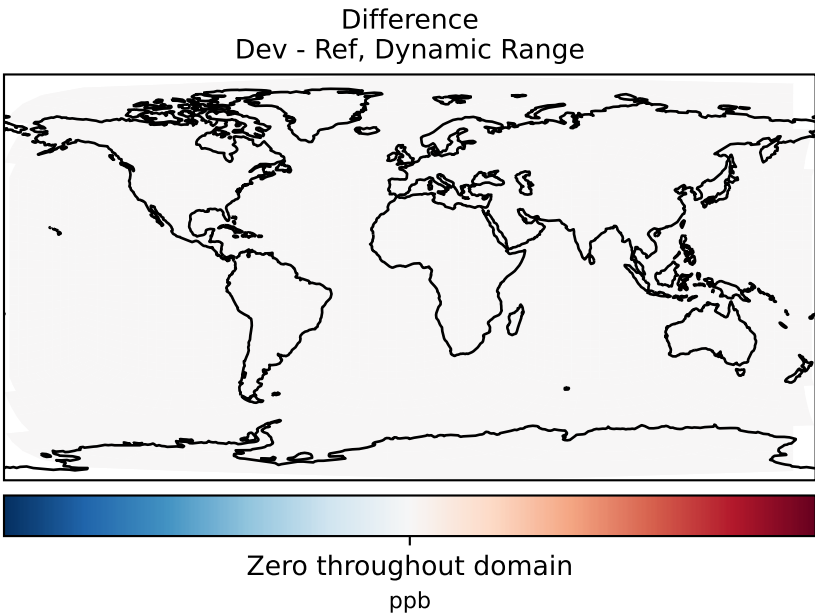
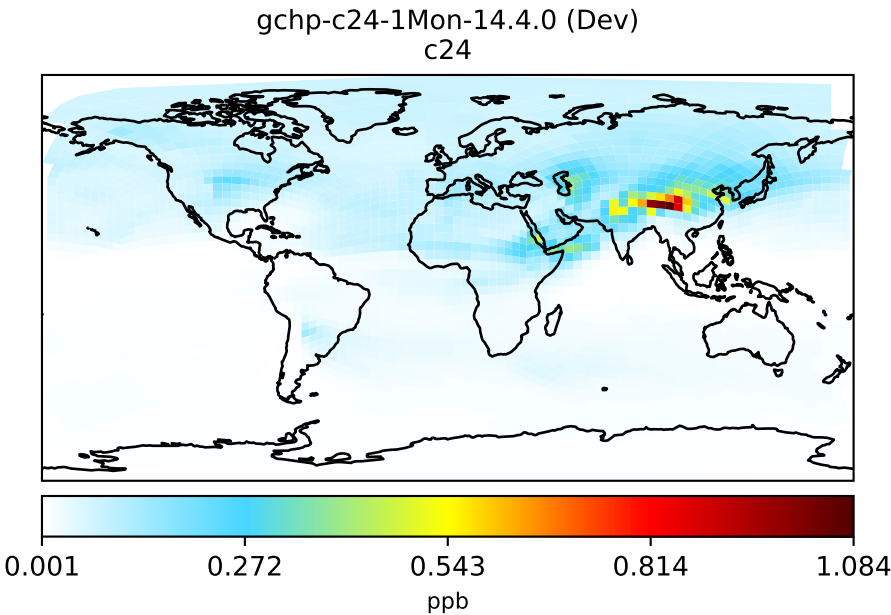
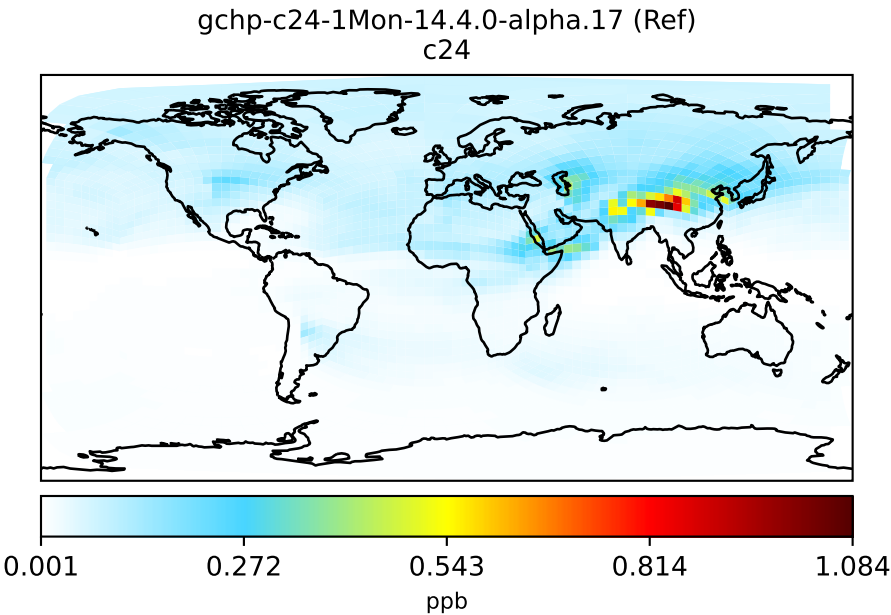
1
unitless

Ratio
Dev/Ref, Fixed Range

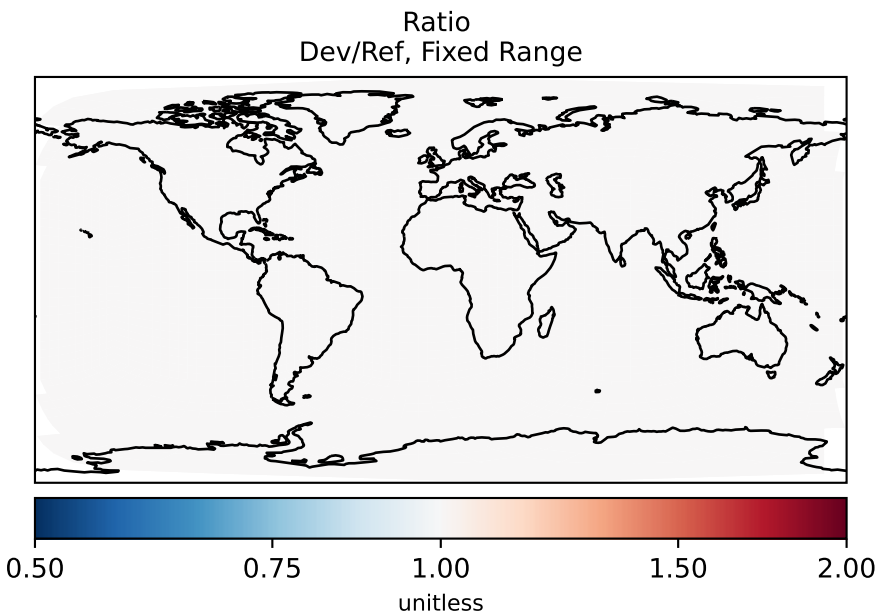
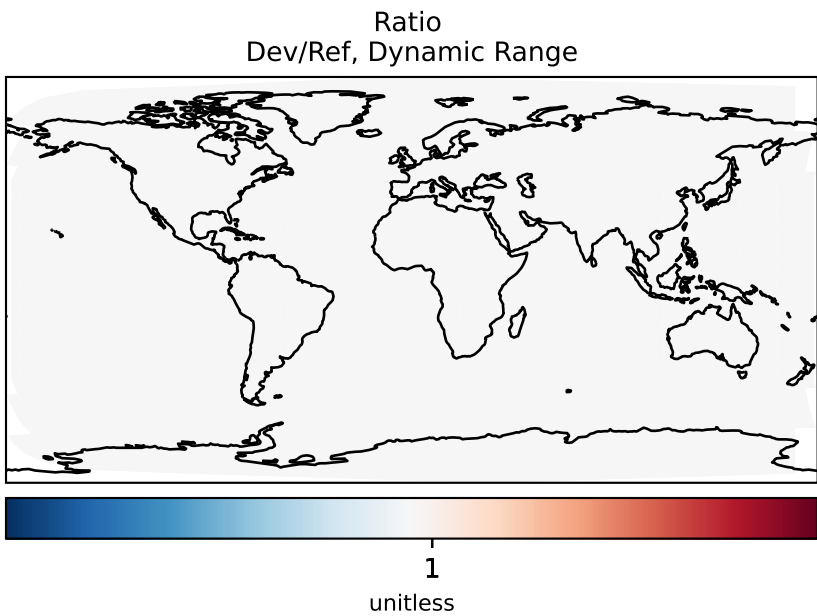
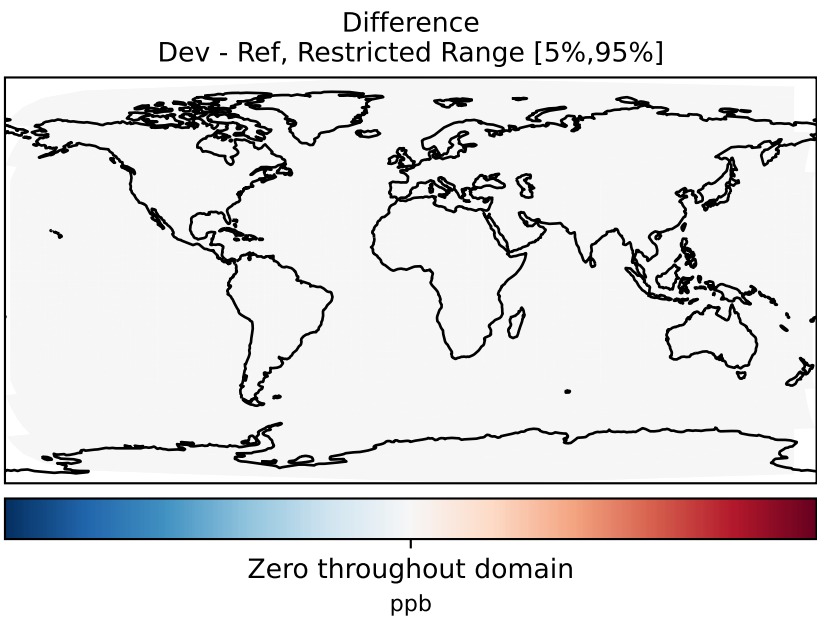
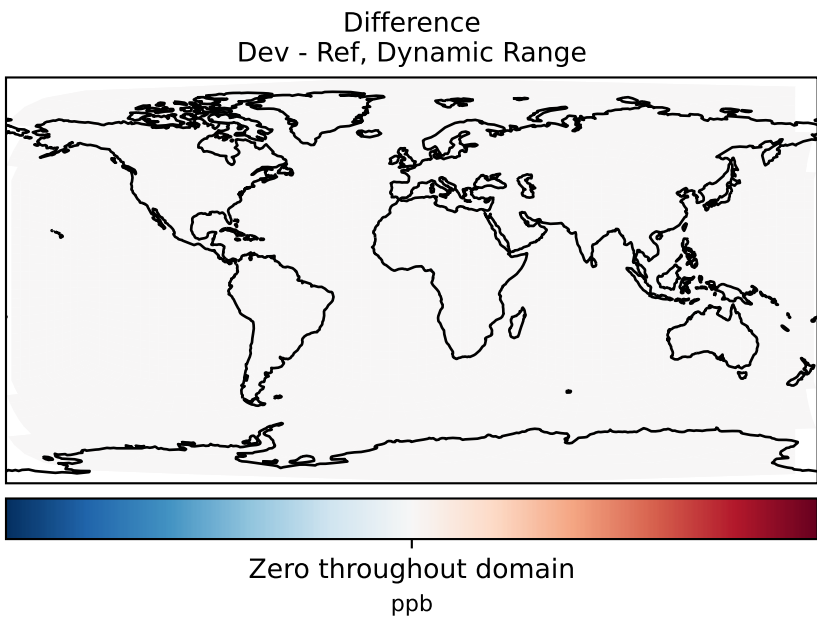
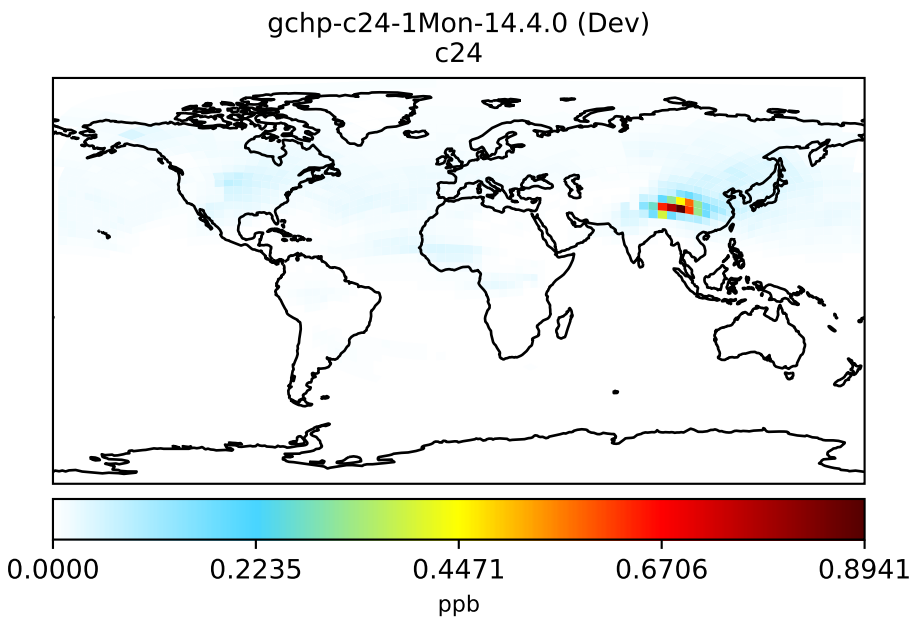
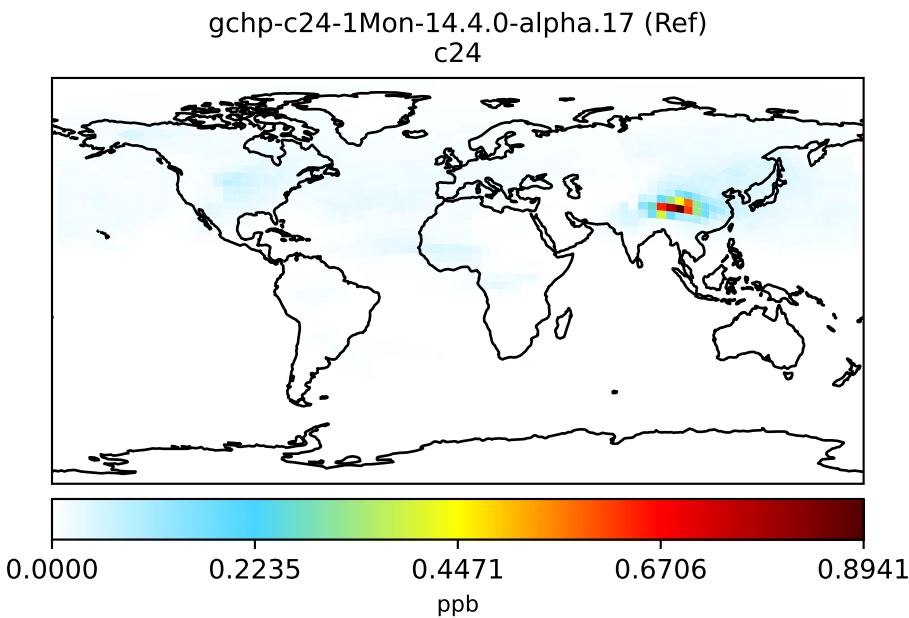


0.50 0.75 1.00 1.50 2.00
unitless

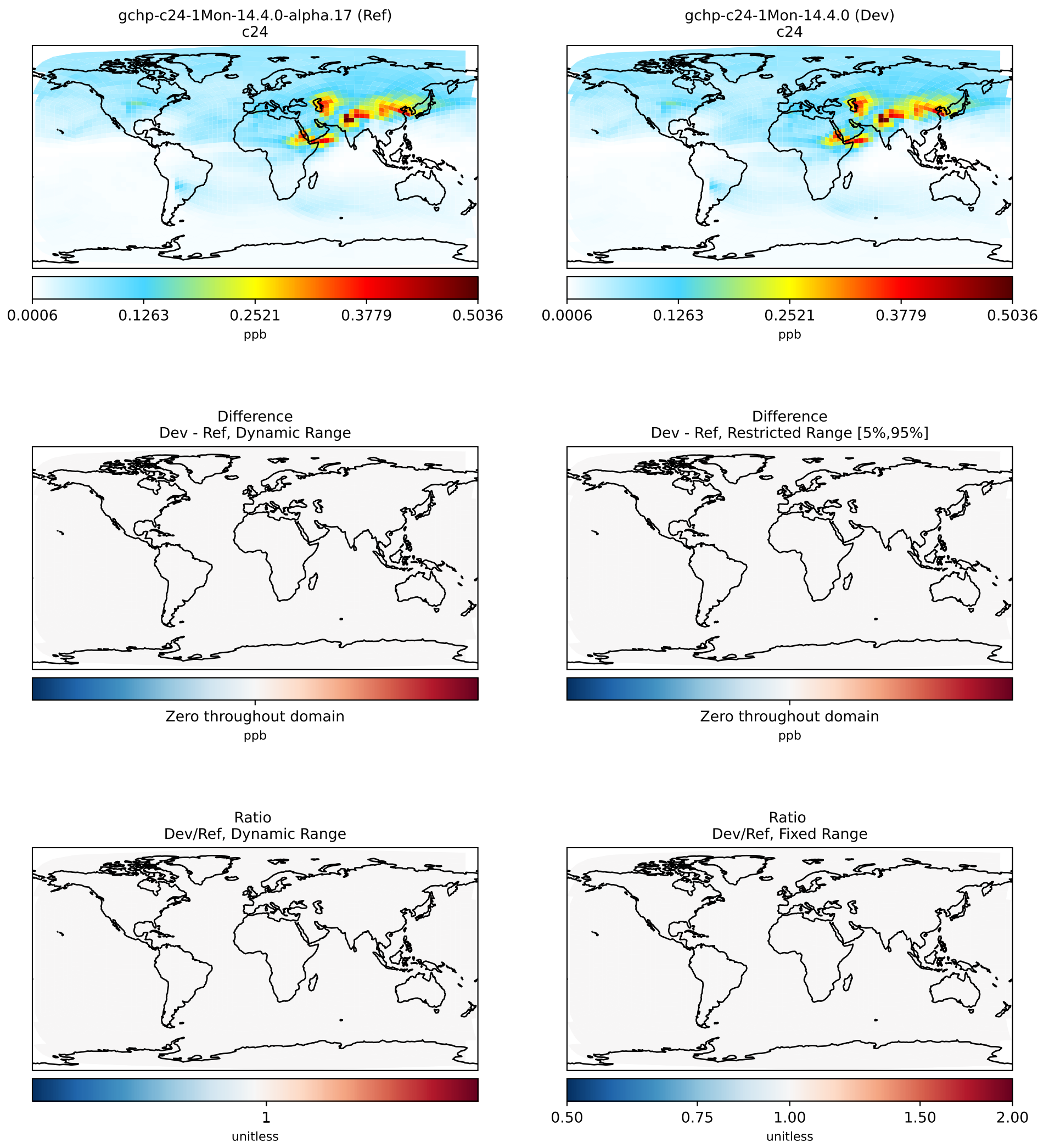
SpeciesConcVV_NHx



SpeciesConcVV_NH3

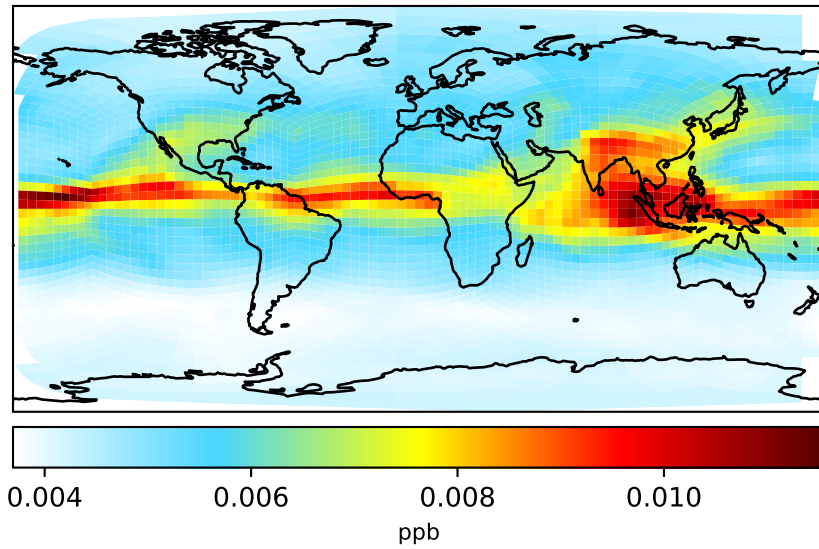


SpeciesConcVV_NH4

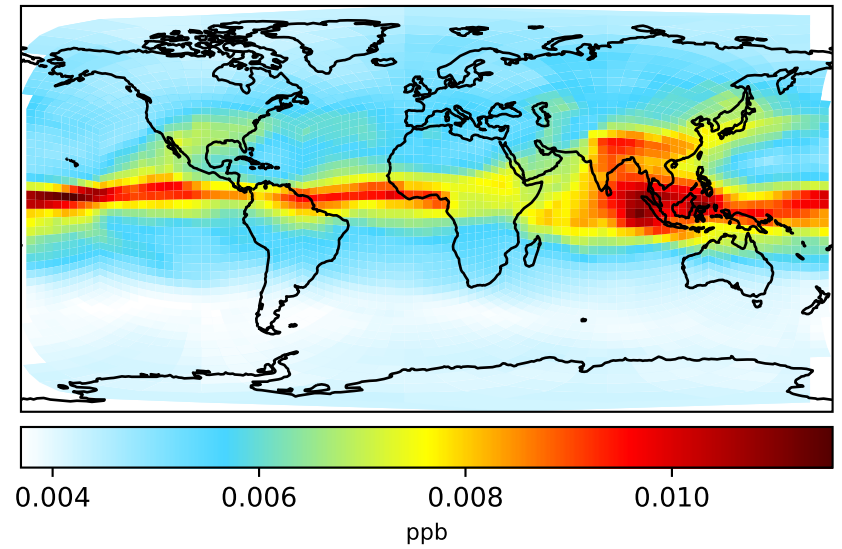


SpeciesConcVV_MENO3

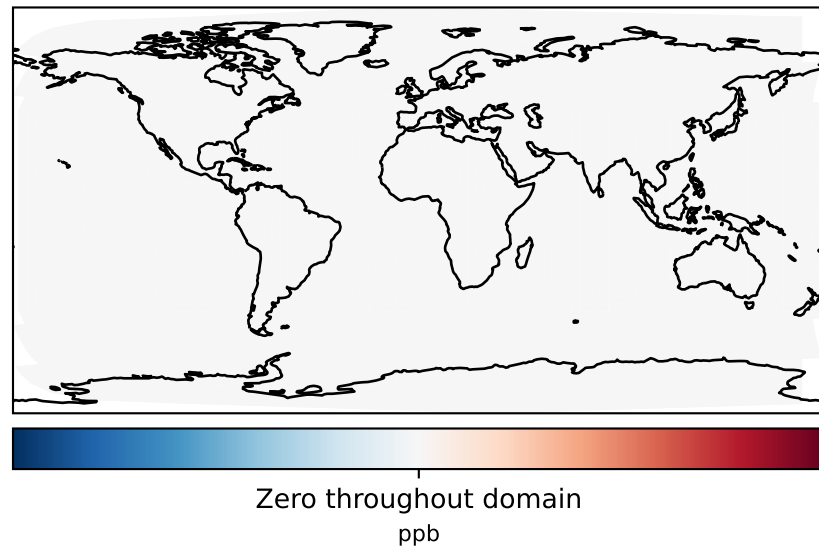
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



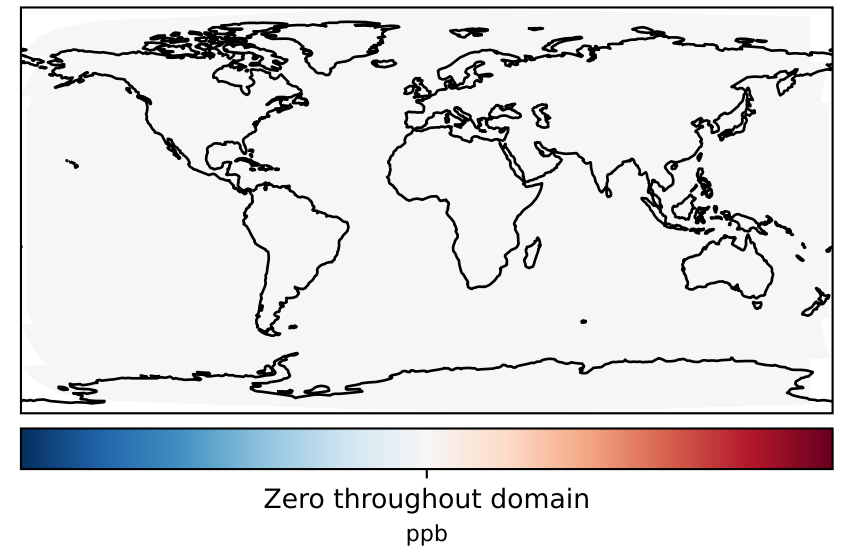
gchp-c24-1Mon-14.4.0 (Dev)
c24



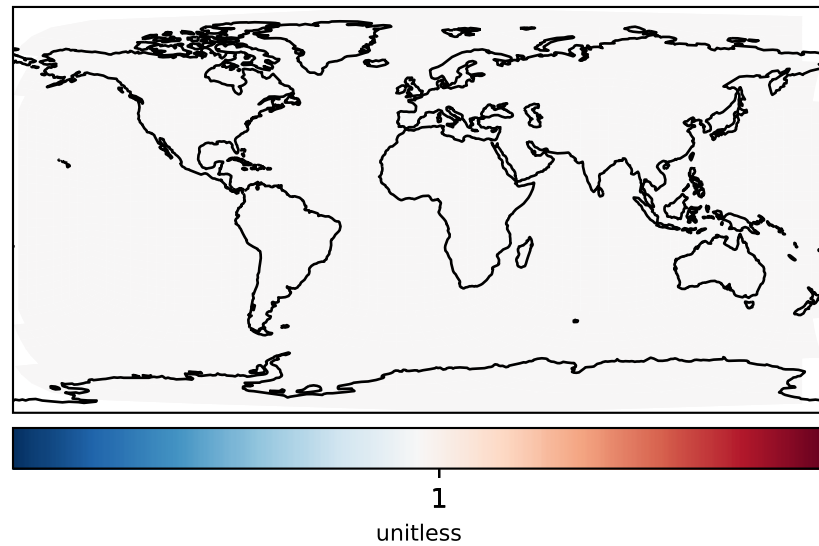
Difference
Dev - Ref, Dynamic Range



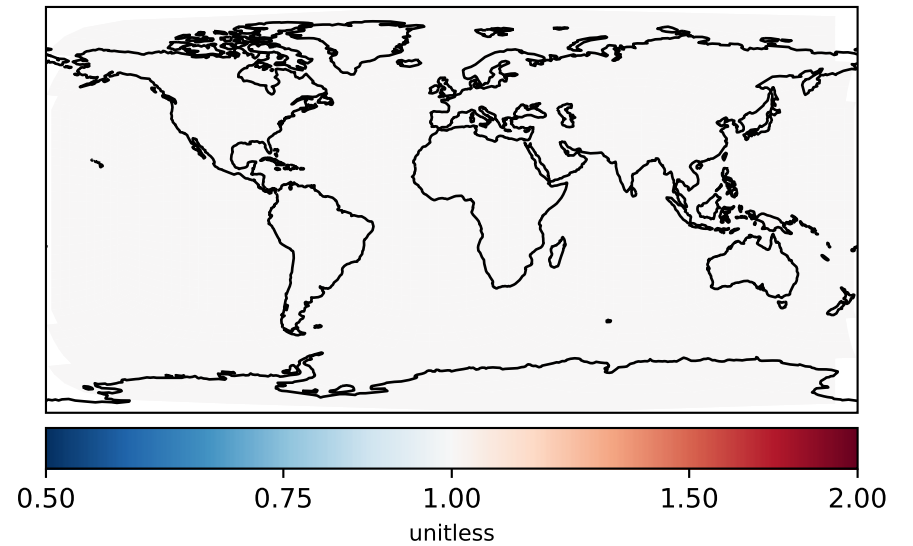
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

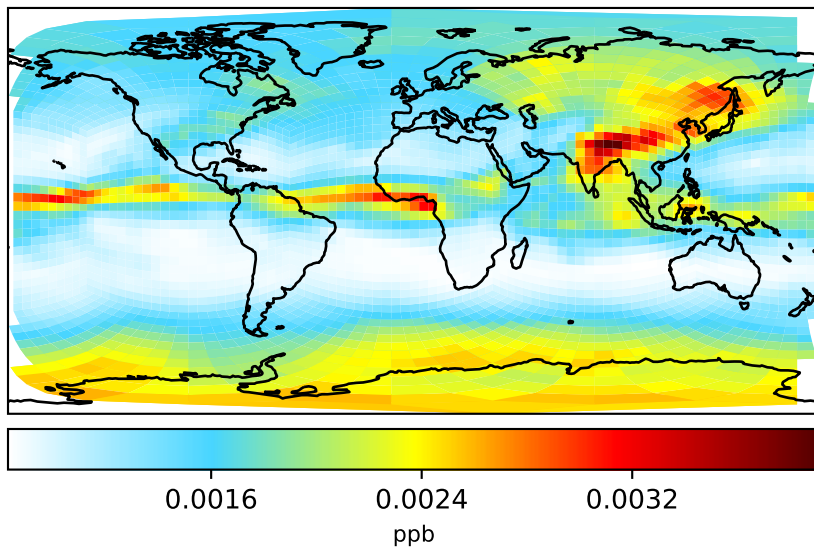


Ratio
Dev/Ref, Fixed Range

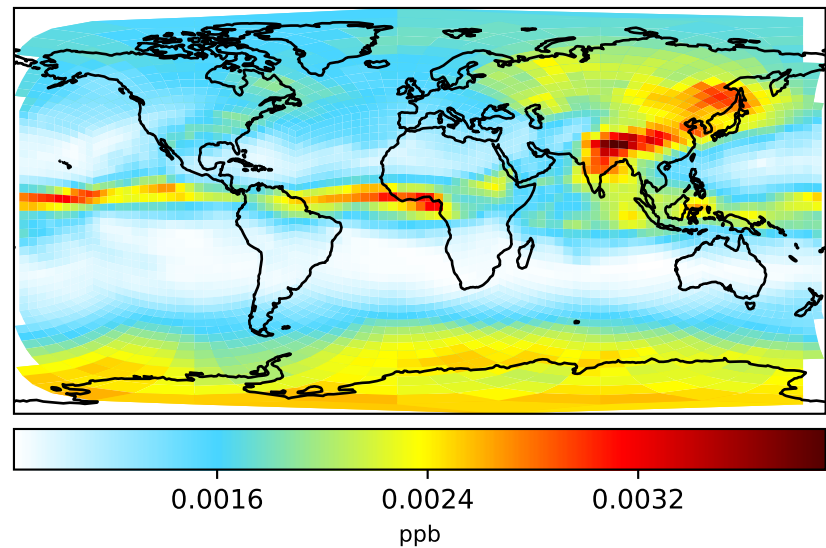


SpeciesConcVV_ETNO3

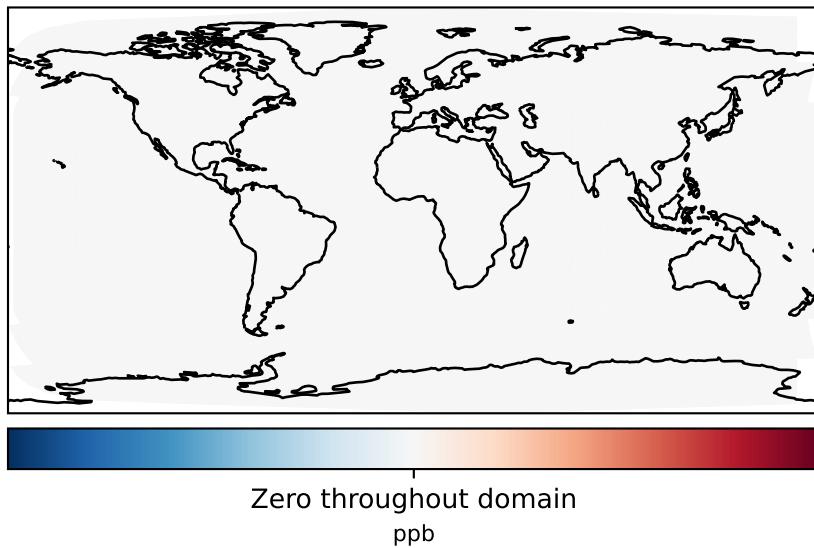
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



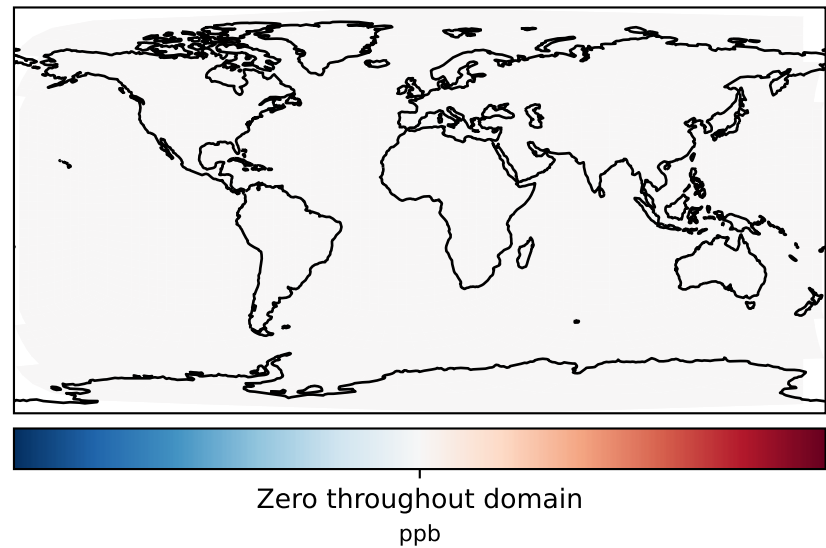
gchp-c24-1Mon-14.4.0 (Dev)
c24



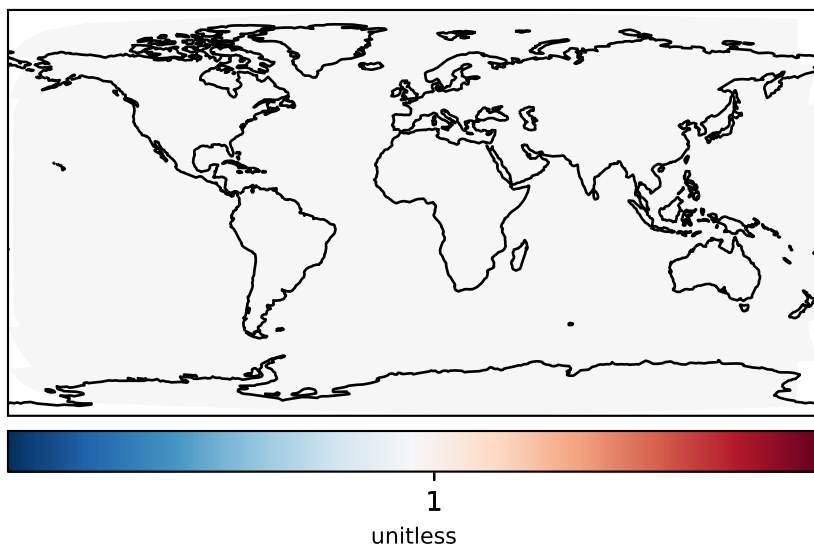
Difference
Dev - Ref, Dynamic Range



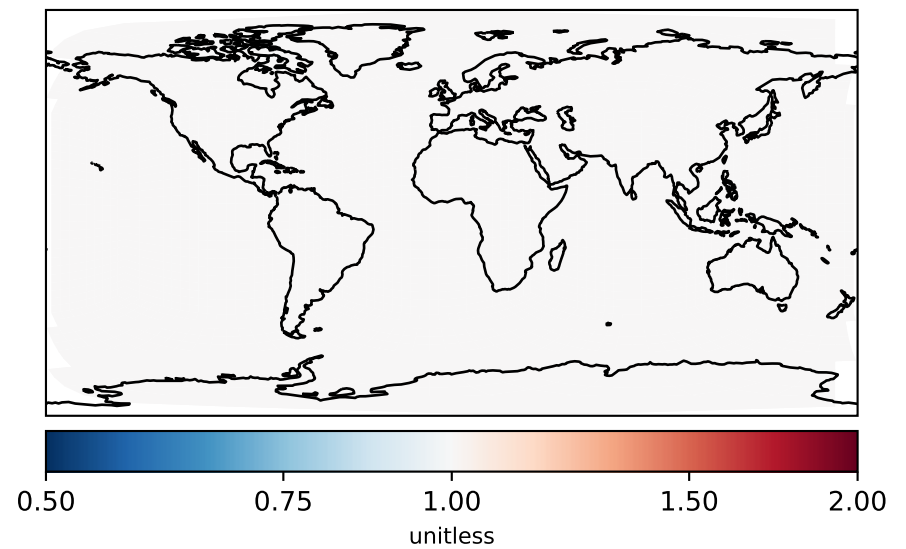
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

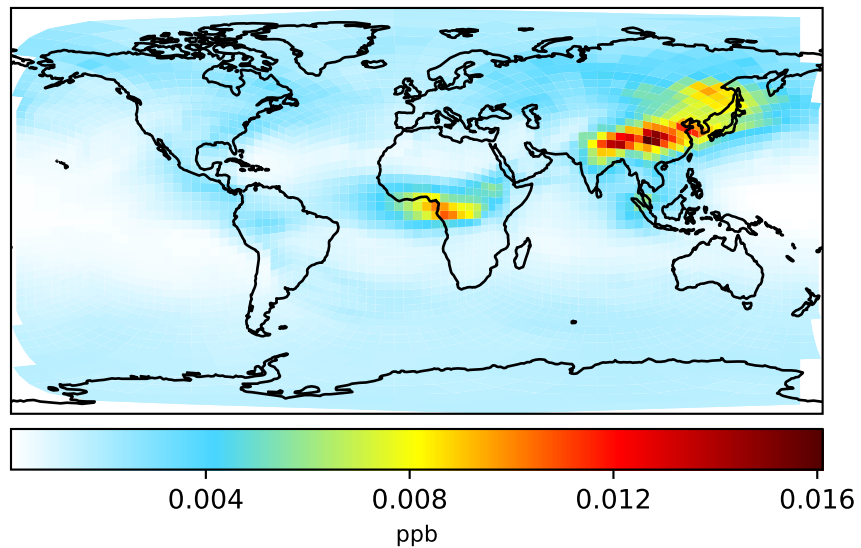


Ratio
Dev/Ref, Fixed Range

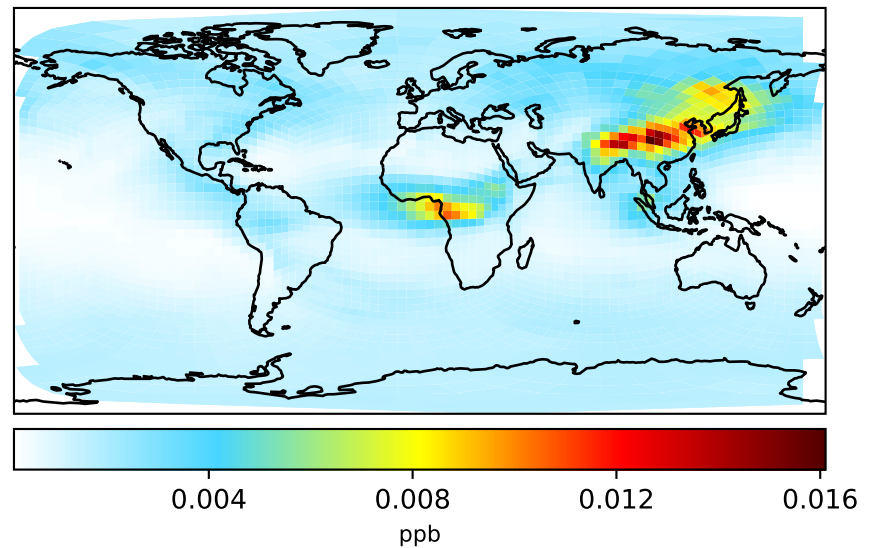


SpeciesConcVV_IPRNO3

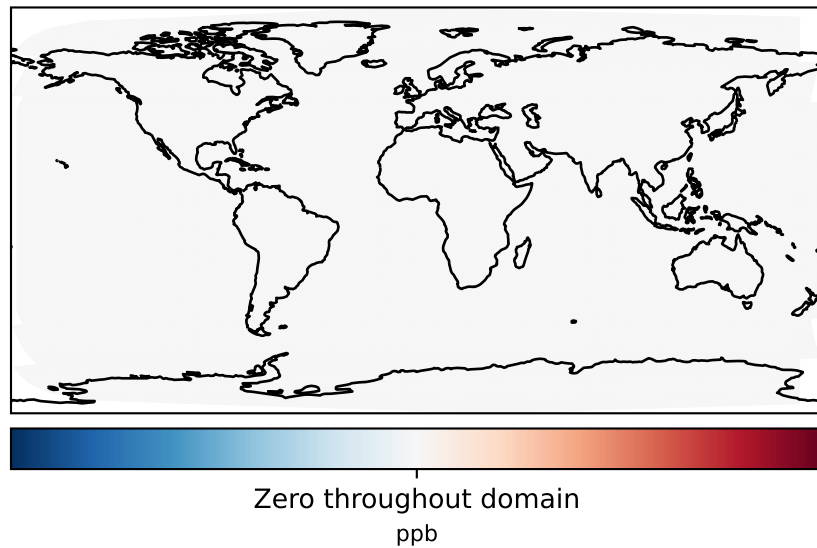
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



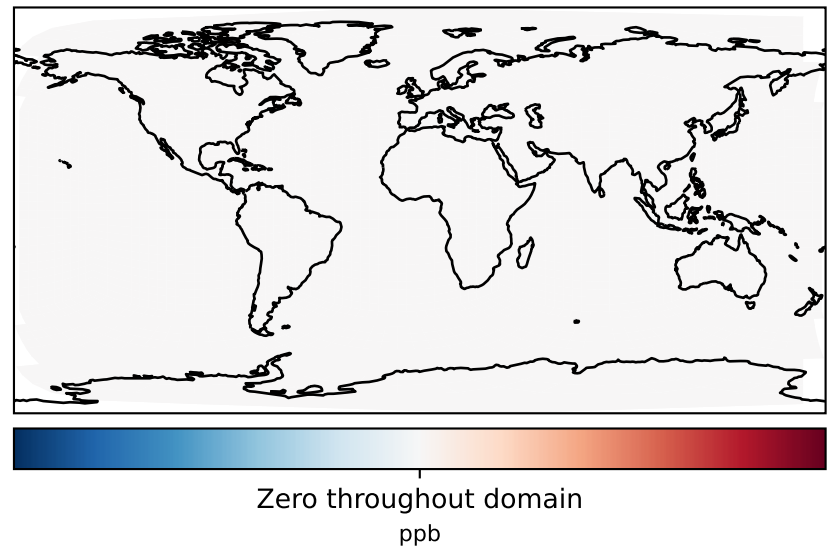
gchp-c24-1Mon-14.4.0 (Dev)
c24



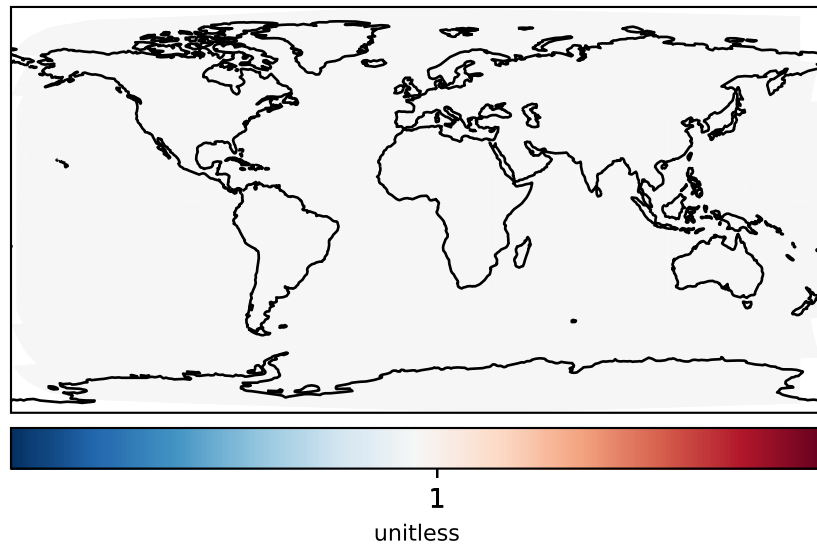
Difference
Dev - Ref, Dynamic Range



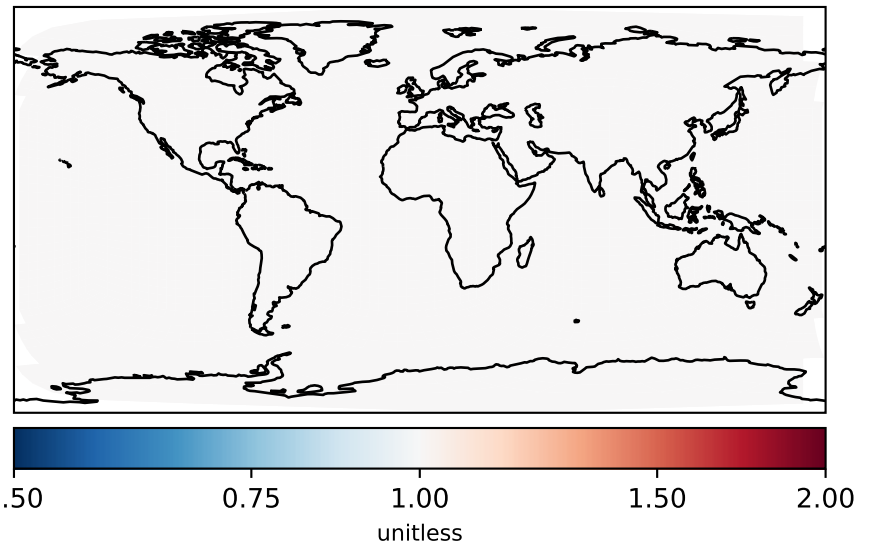
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

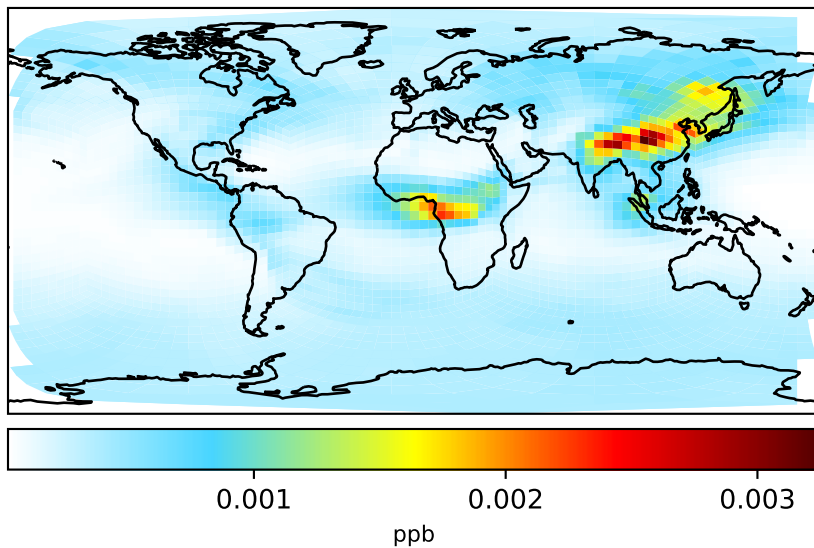


Ratio
Dev/Ref, Fixed Range

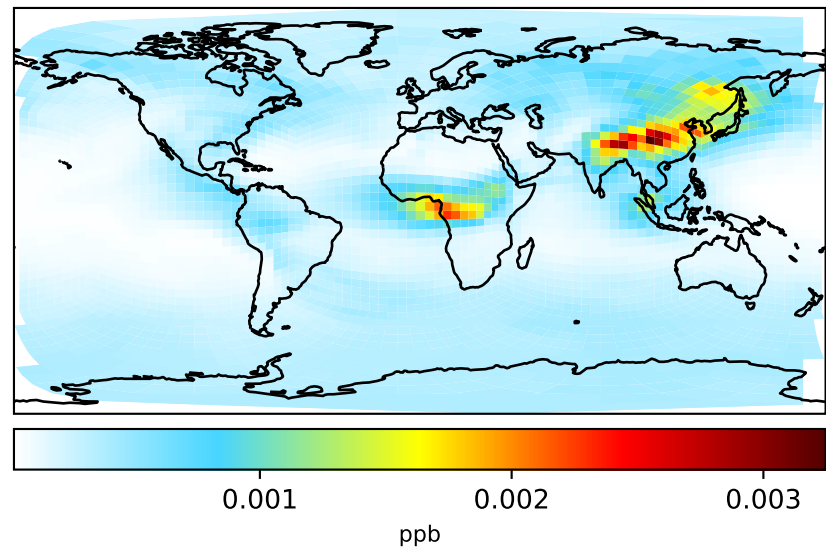


SpeciesConcVW_NPRNO3

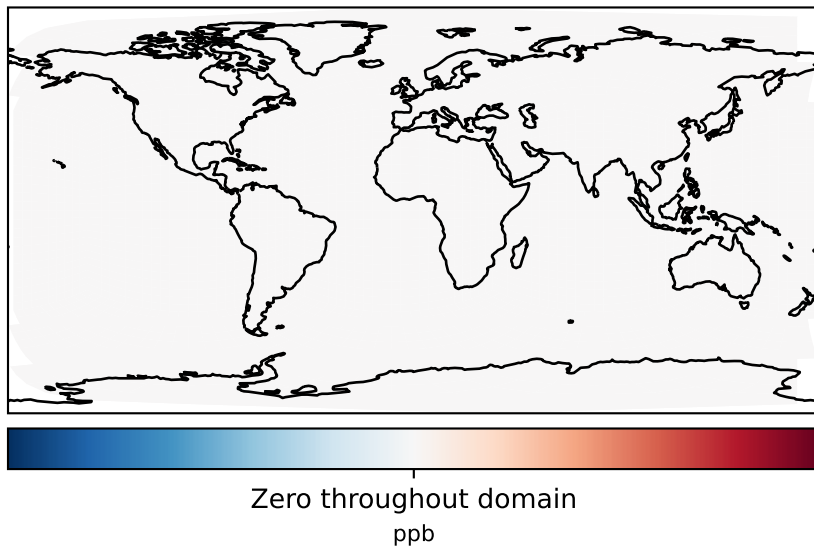
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



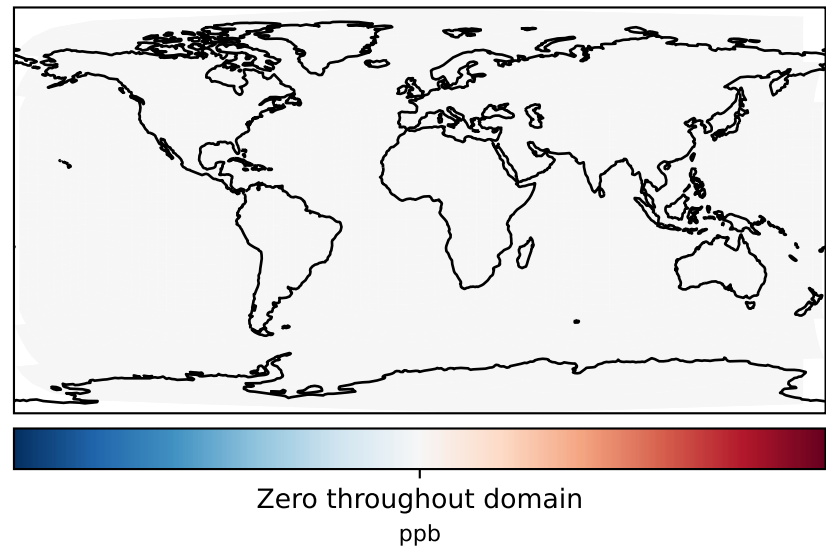
gchp-c24-1Mon-14.4.0 (Dev)
c24



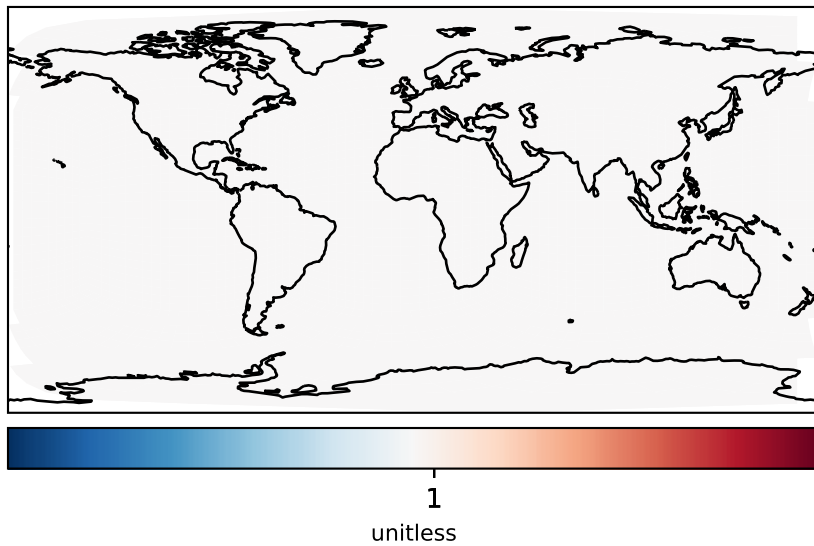
Difference
Dev - Ref, Dynamic Range



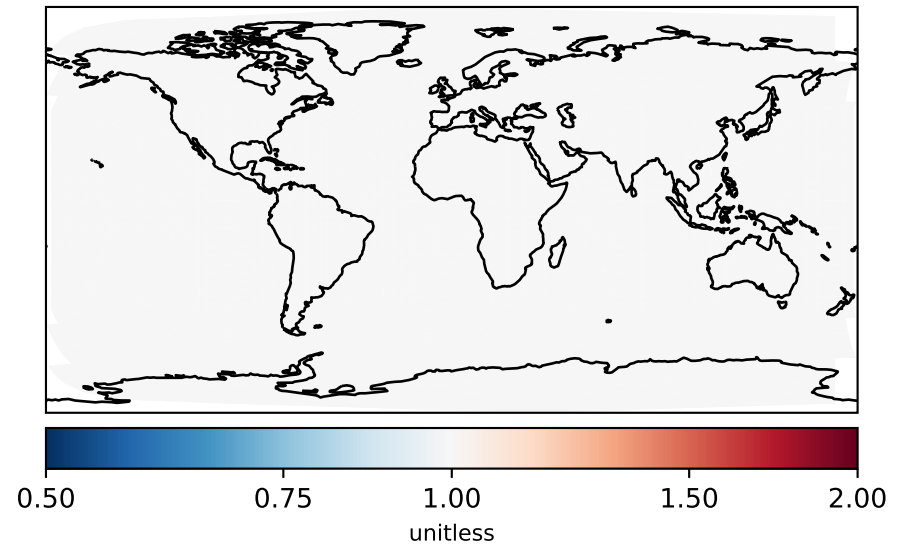
Difference
Dev - Ref, Restricted Range [5%,95%]



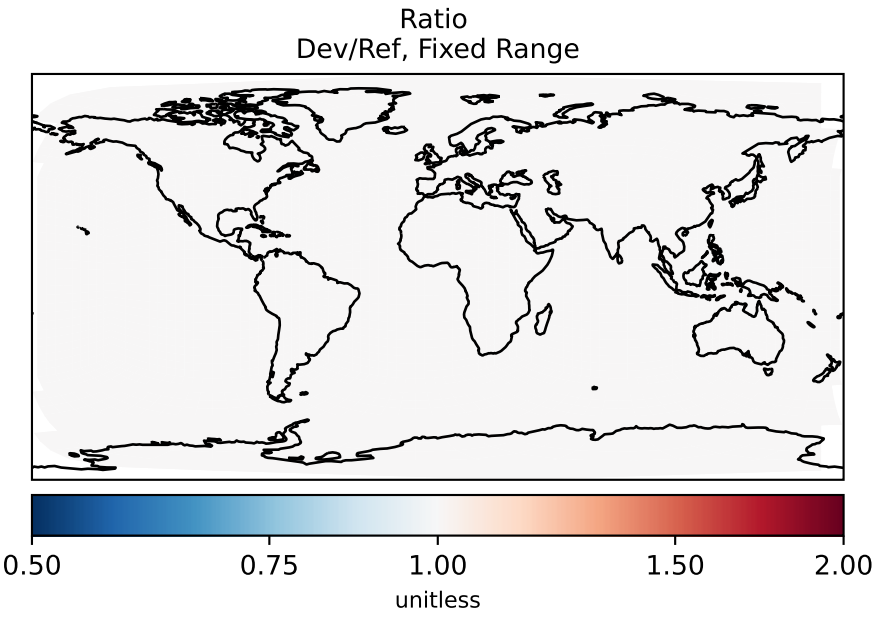
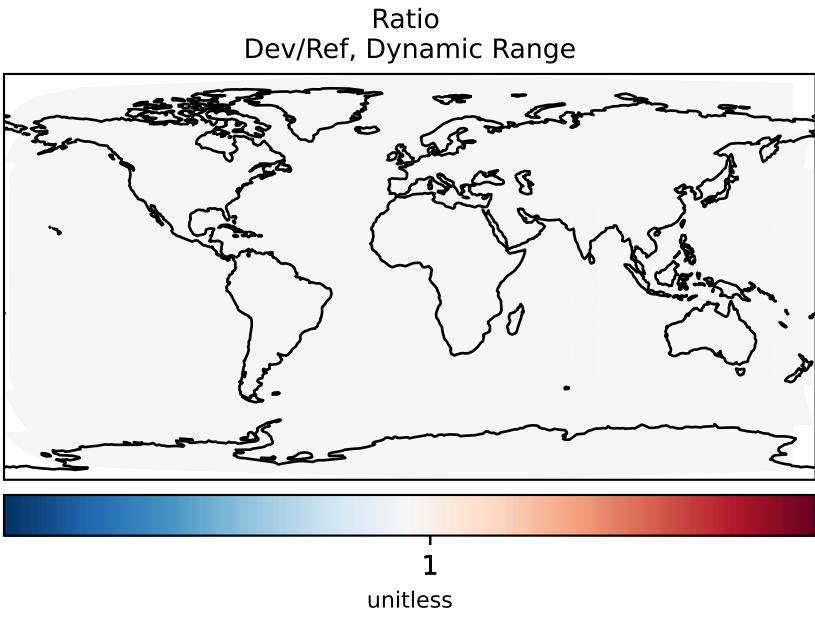
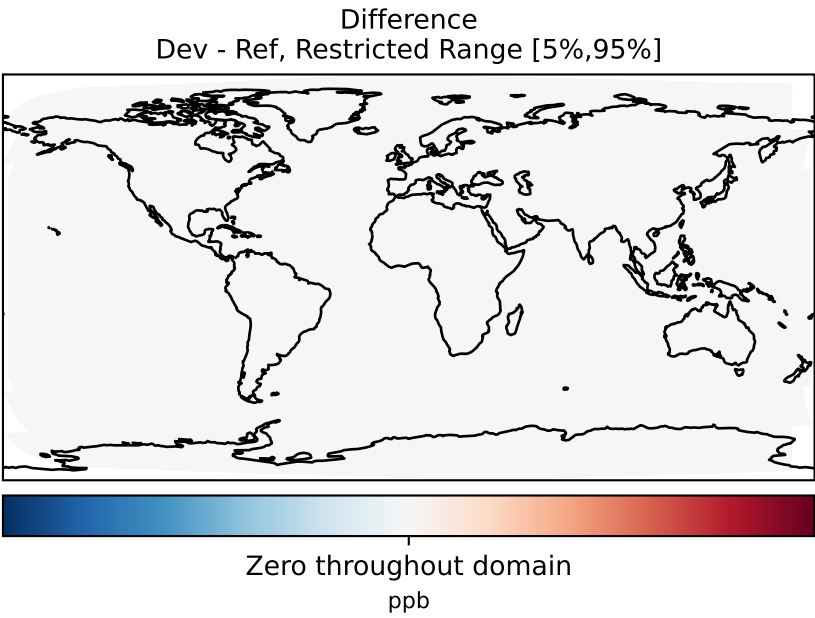
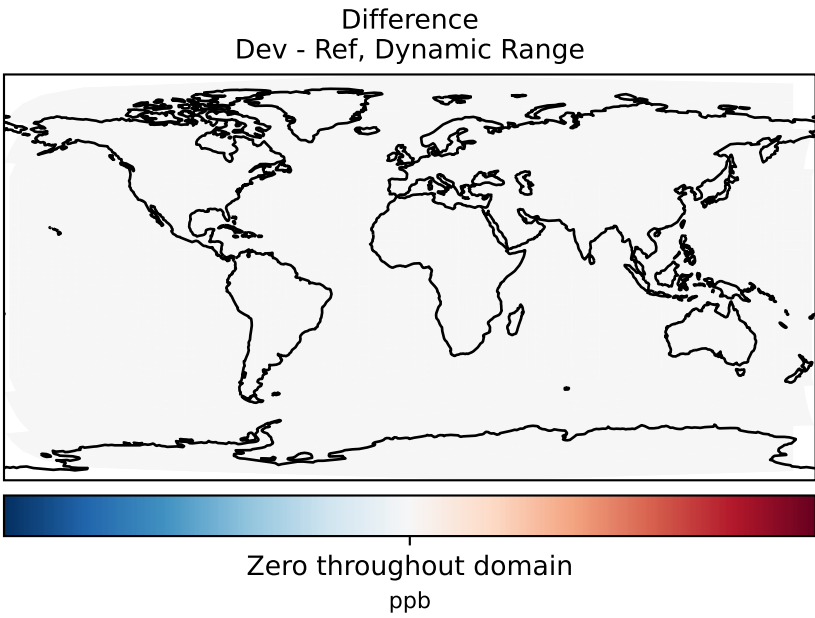
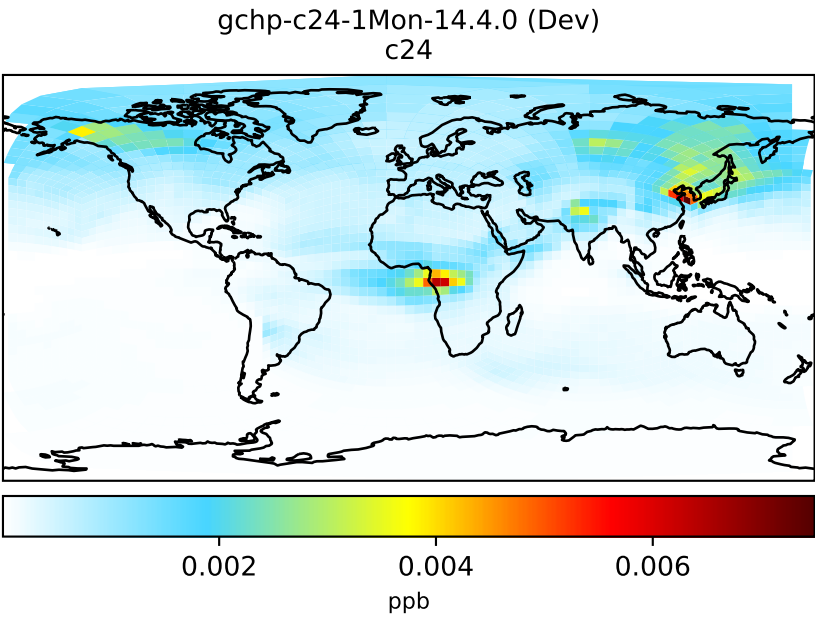
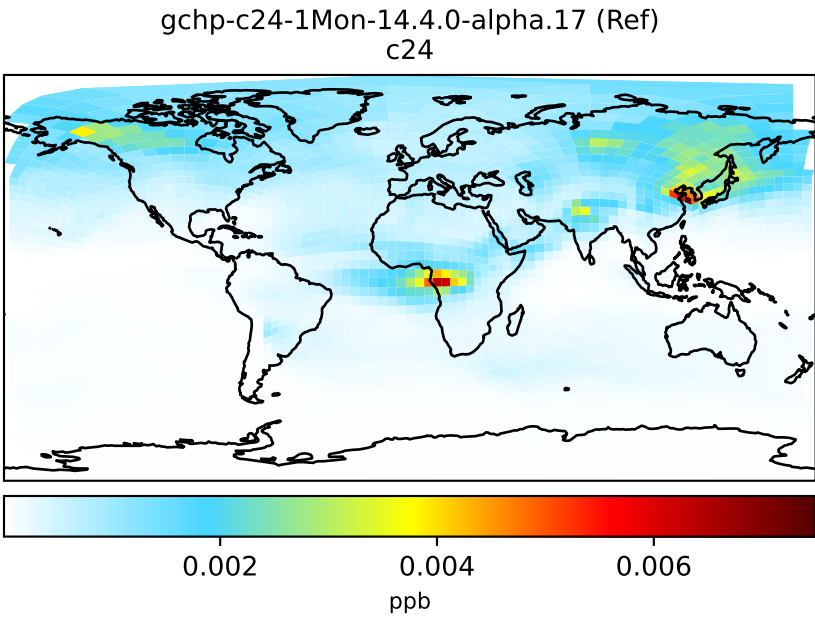
Ratio
Dev/Ref, Dynamic Range



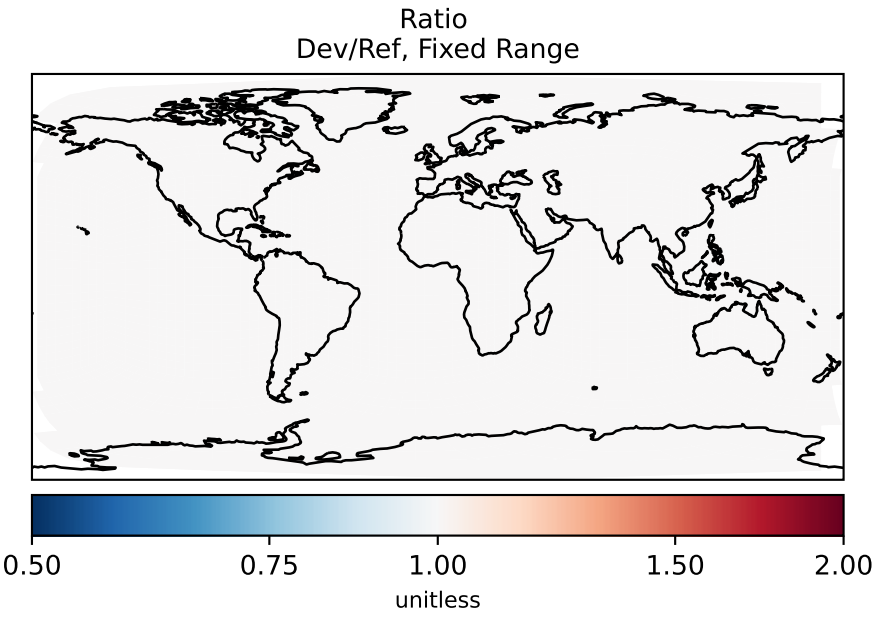
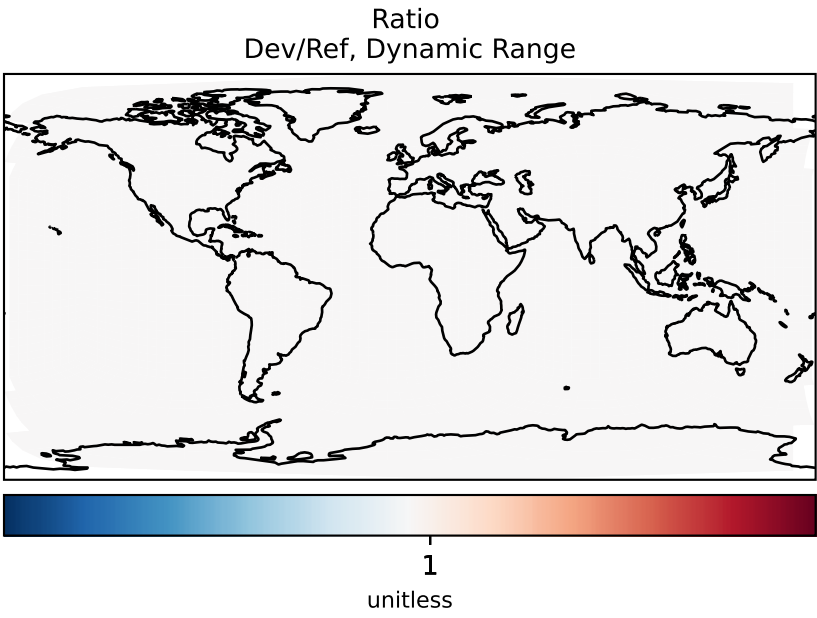
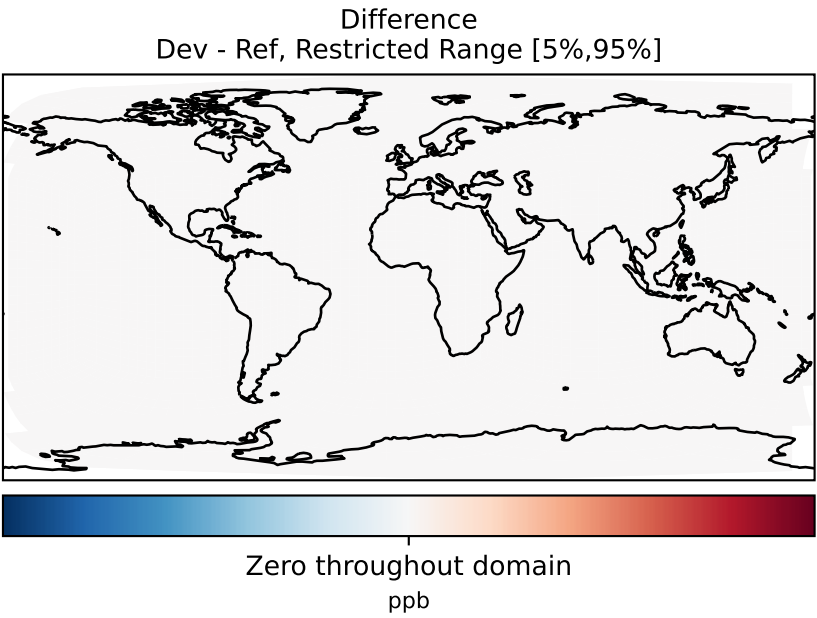
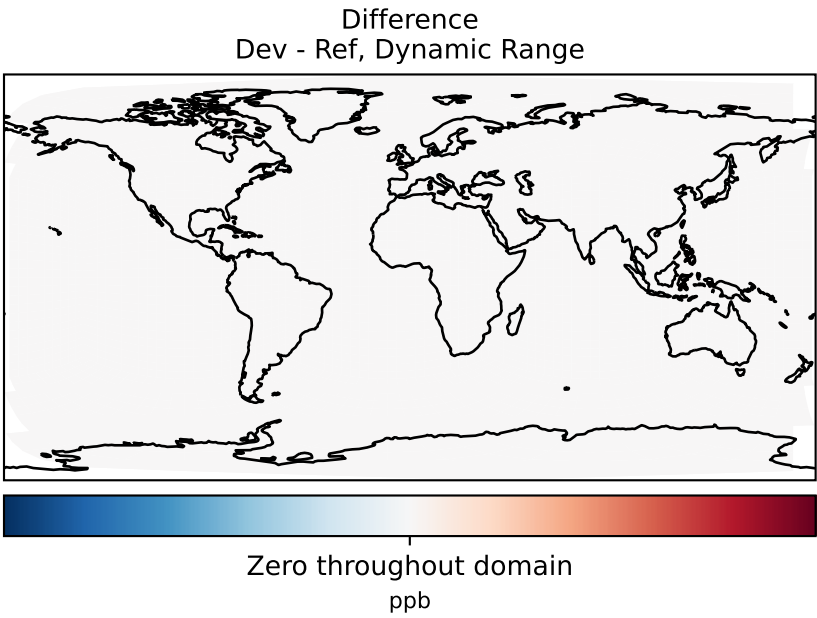
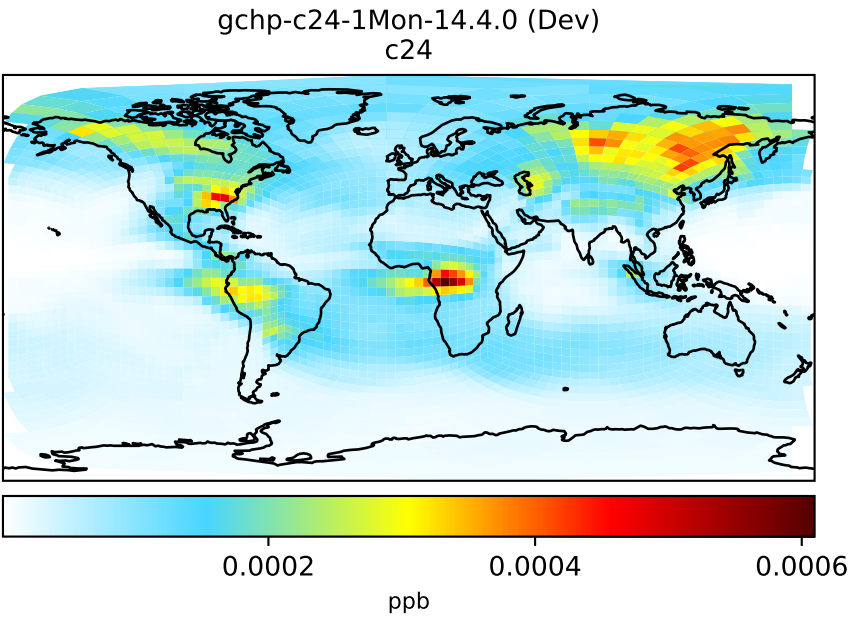
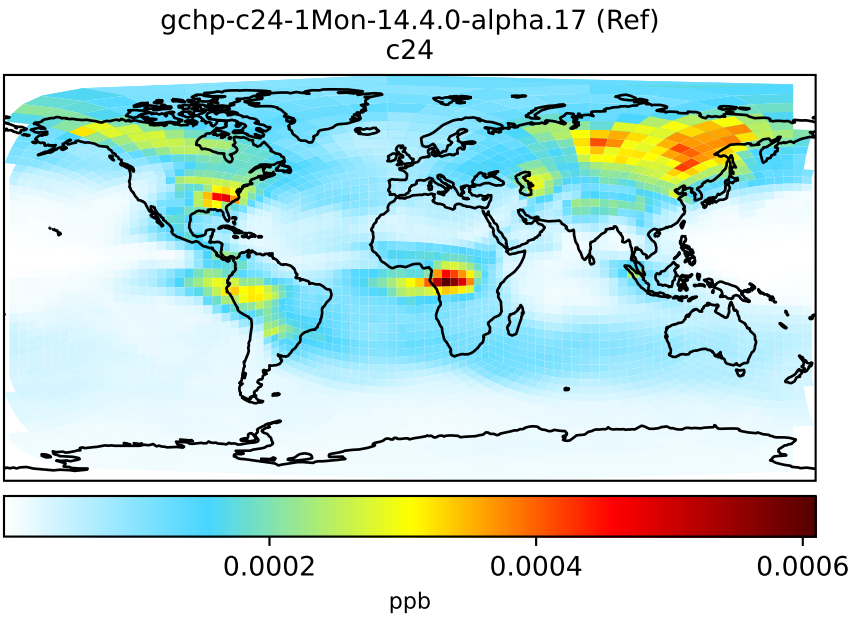
Ratio
Dev/Ref, Fixed Range



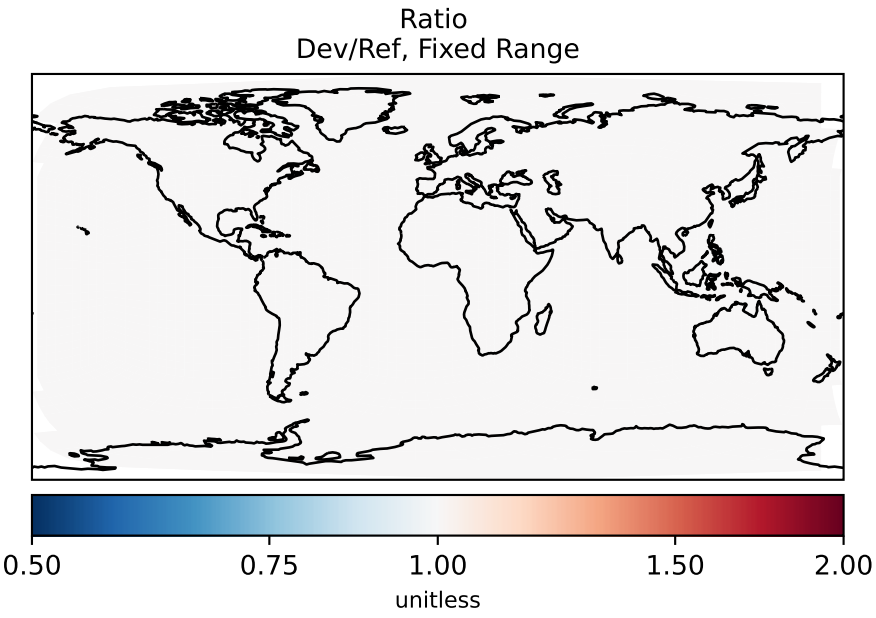
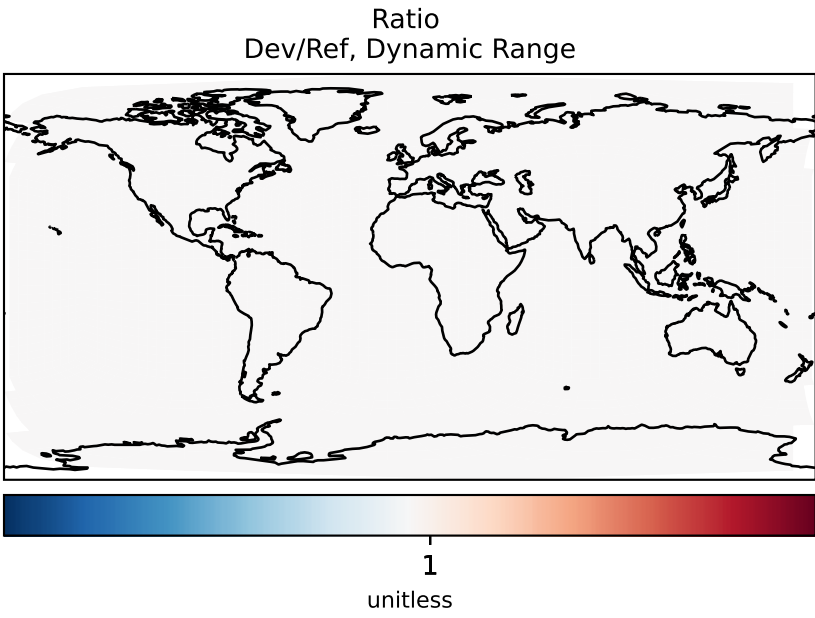
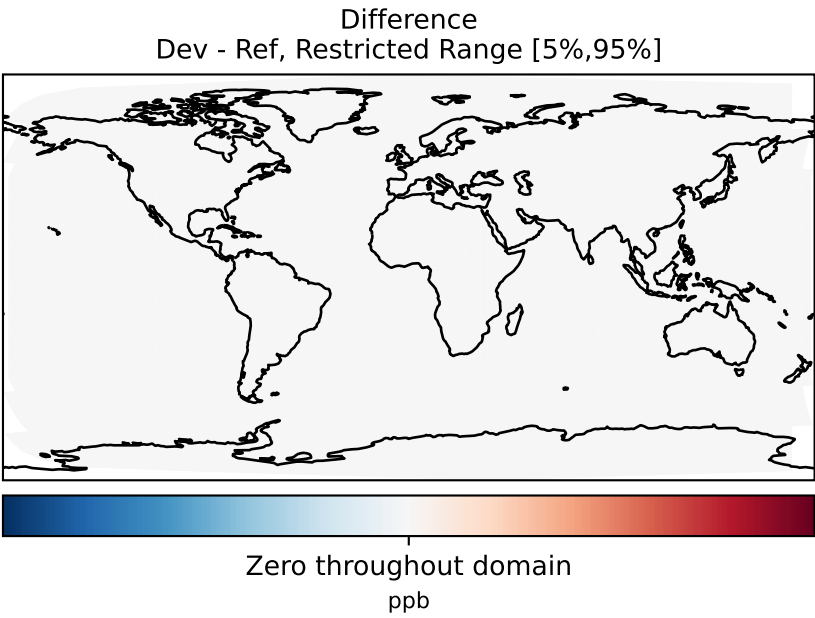
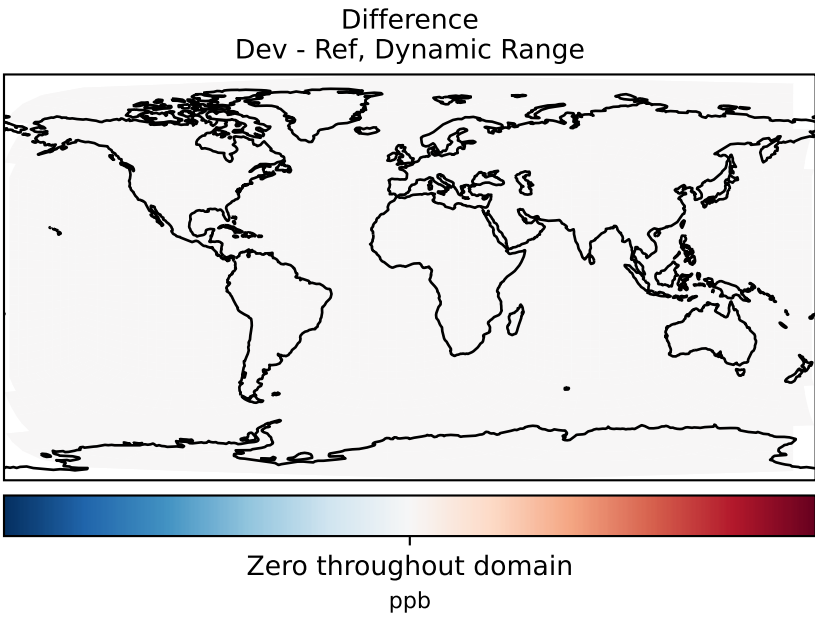
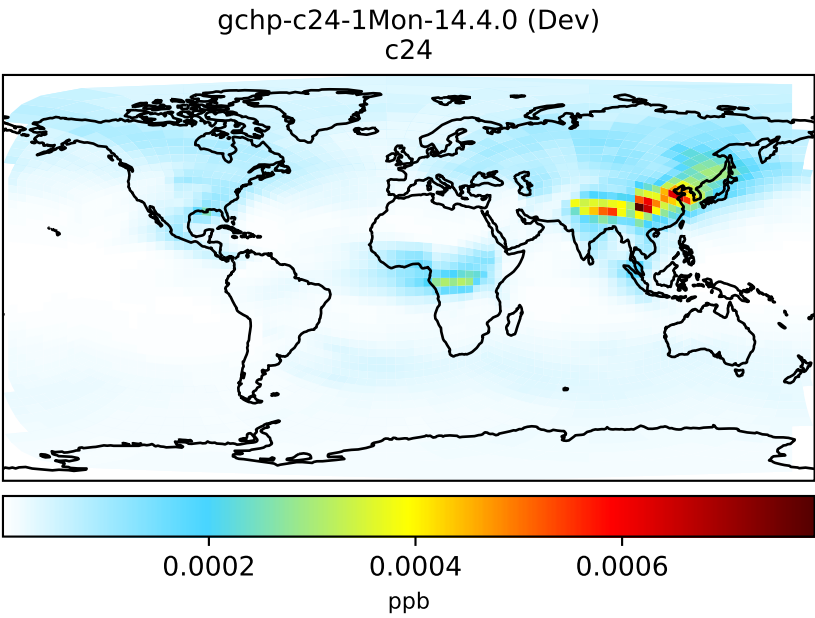
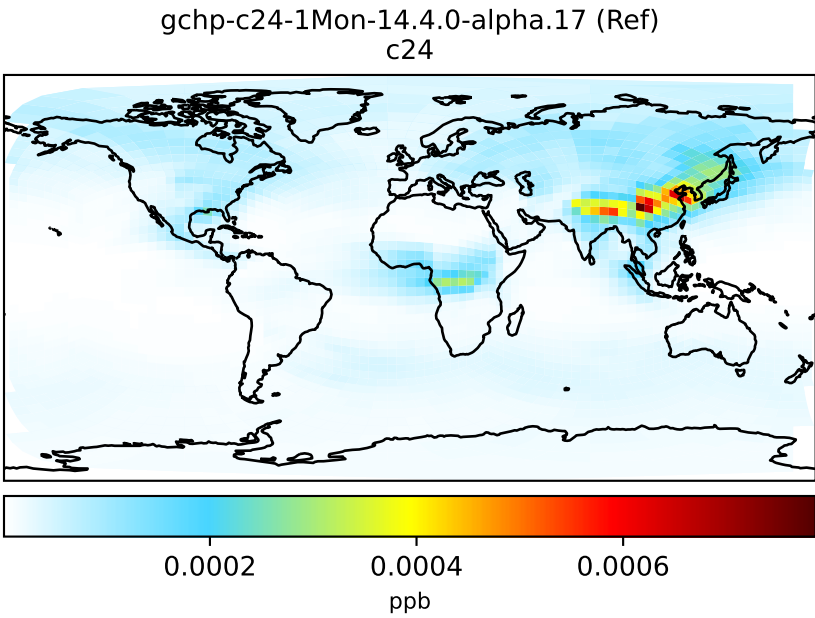
SpeciesConcVW_AONITA



SpeciesConcVV_ETHN

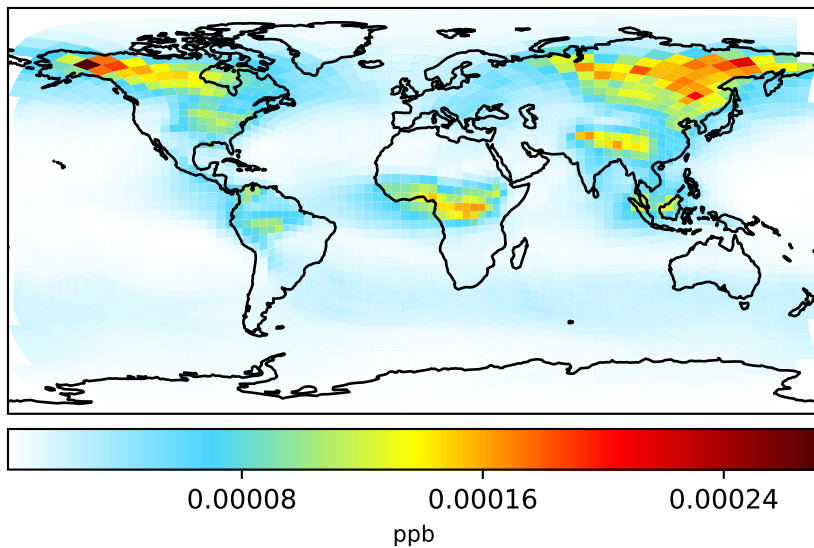


SpeciesConcVV_BZPAN

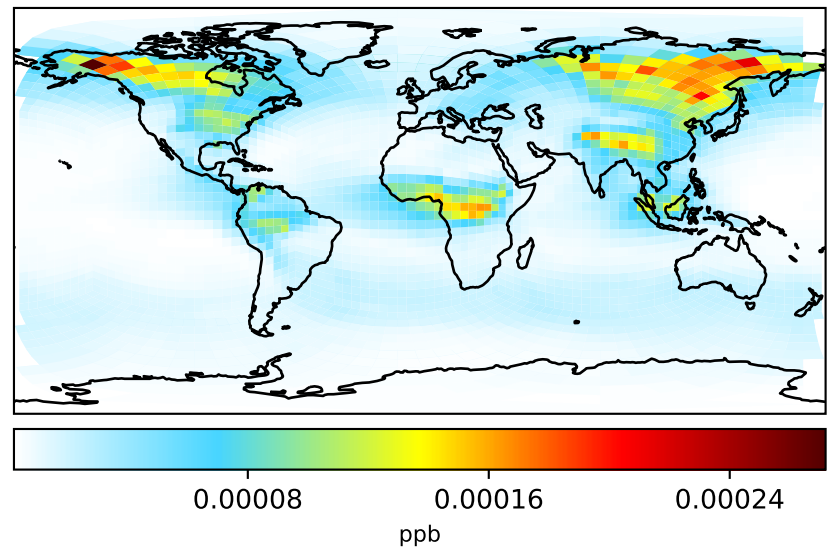


SpeciesConcVV_NPHEN

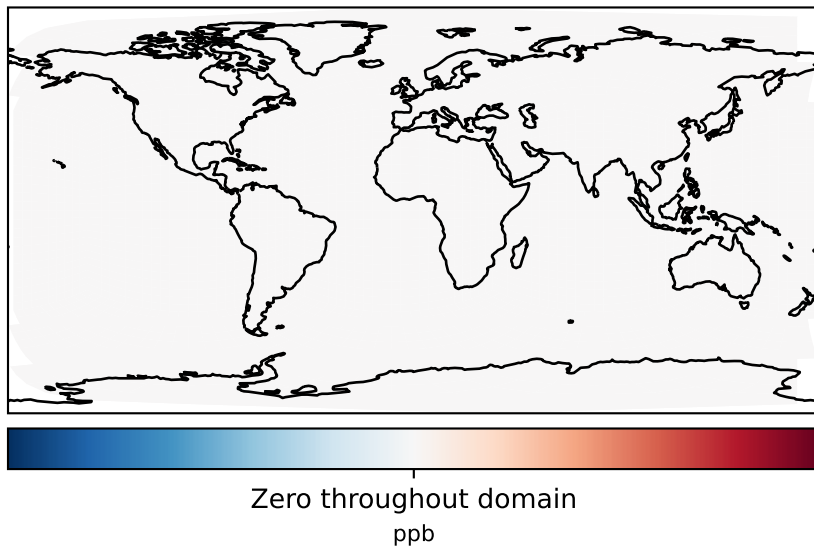
gchp-c24-1Mon-14.4.0-alpha.17 (Ref)
c24



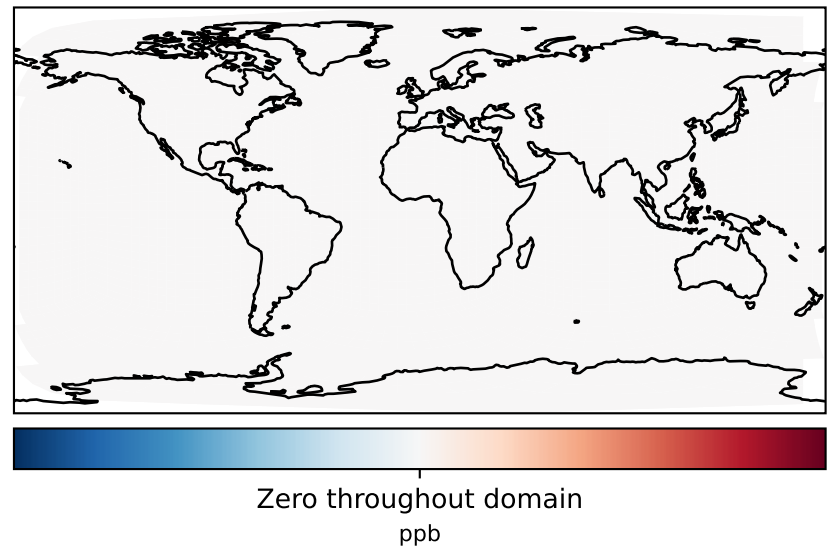
gchp-c24-1Mon-14.4.0 (Dev)
c24



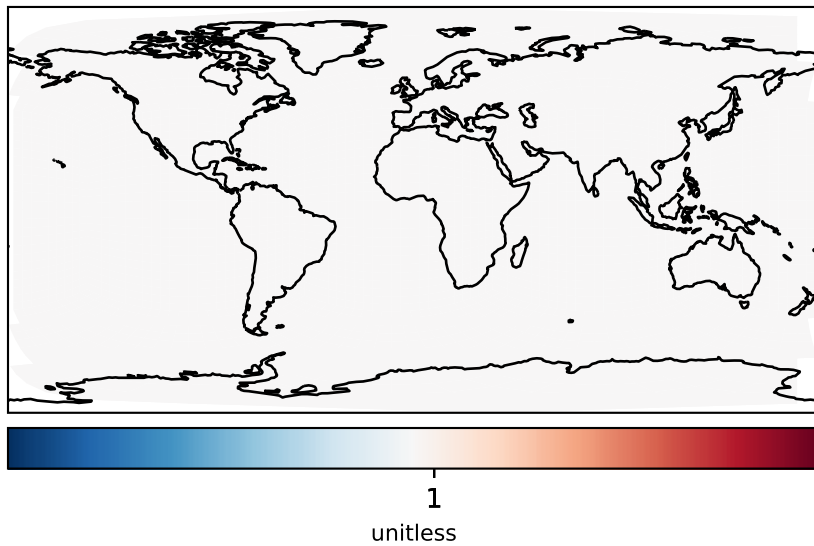
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

