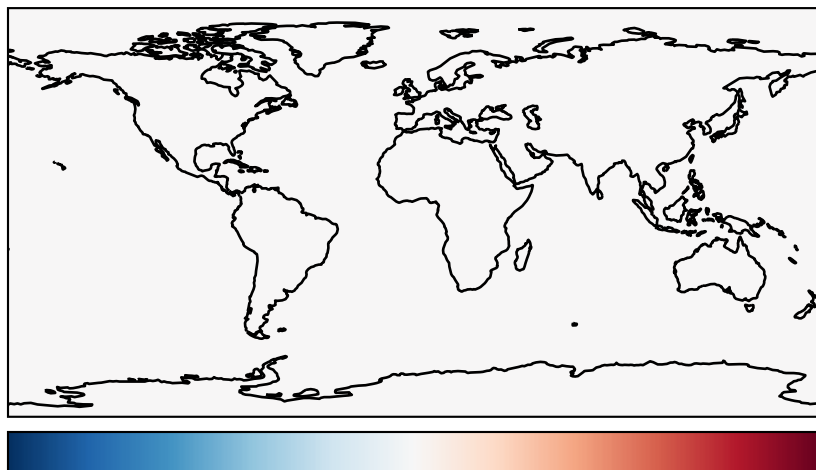


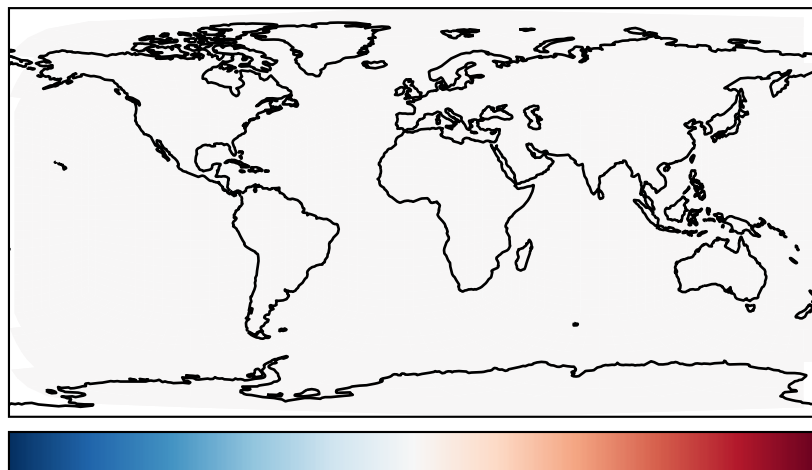
SpeciesConcVV_DST1

gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



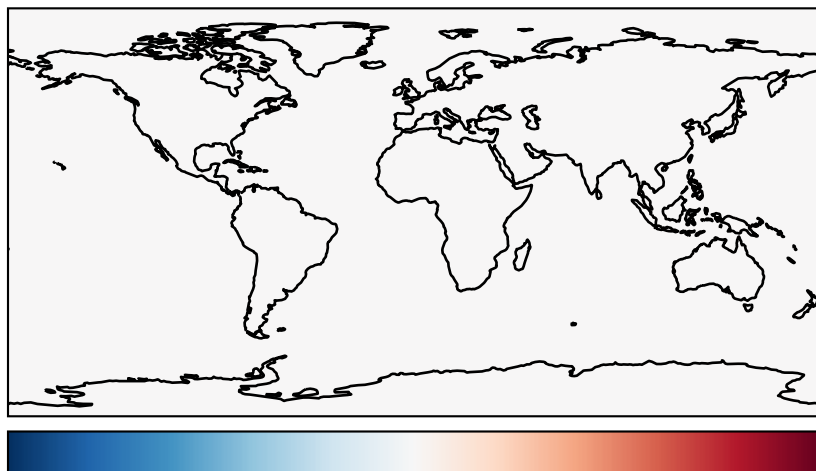
Zero throughout domain
ppb

gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



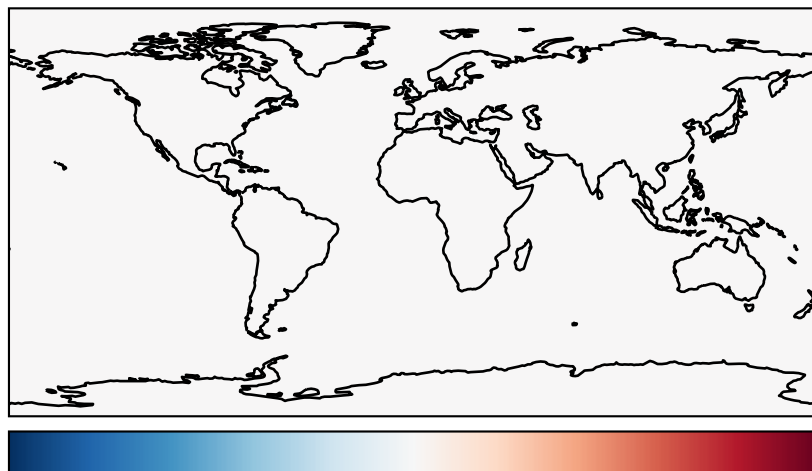
Zero throughout domain
ppb

Difference (1x1.25)
Dev - Ref, Dynamic Range



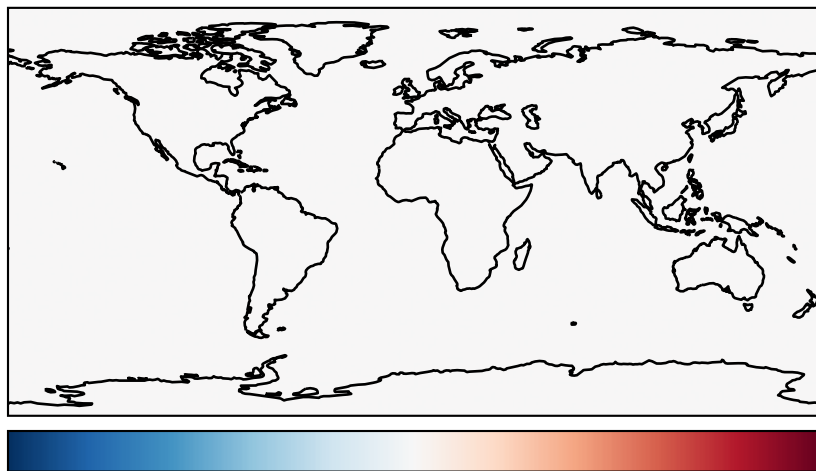
Zero throughout domain
ppb

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



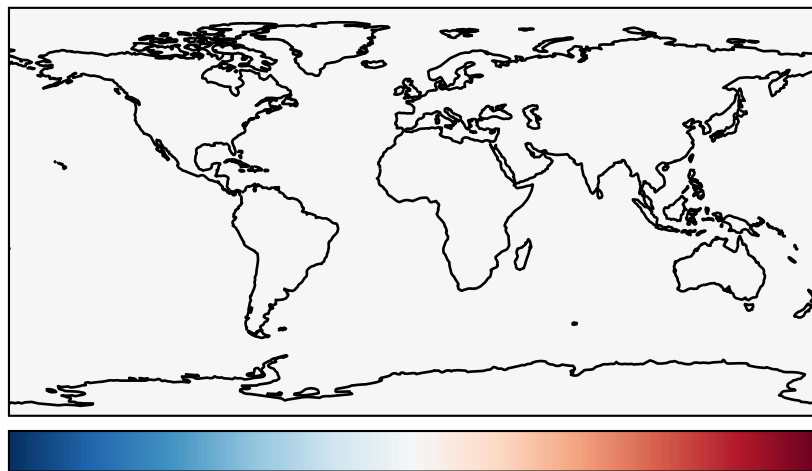
Zero throughout domain
ppb

Difference (1x1.25), Dynamic Range
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$



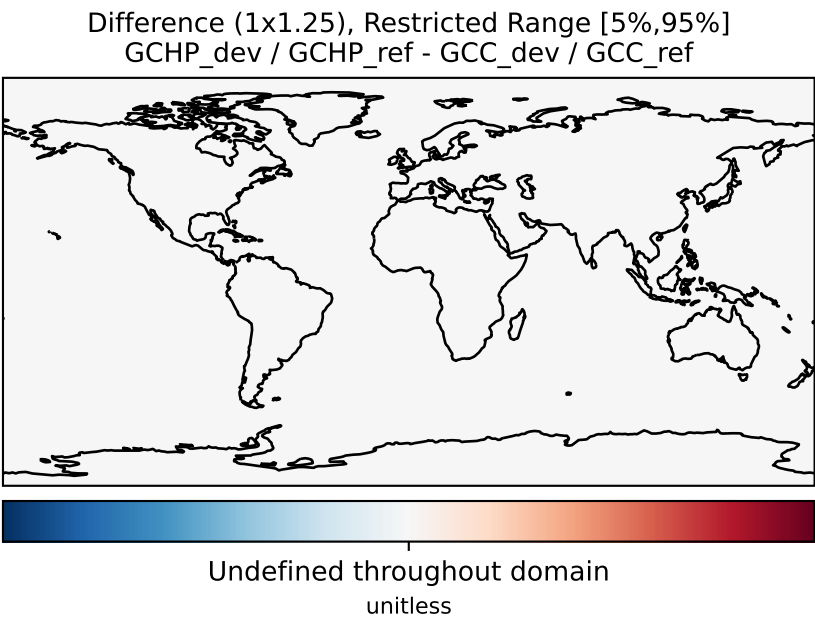
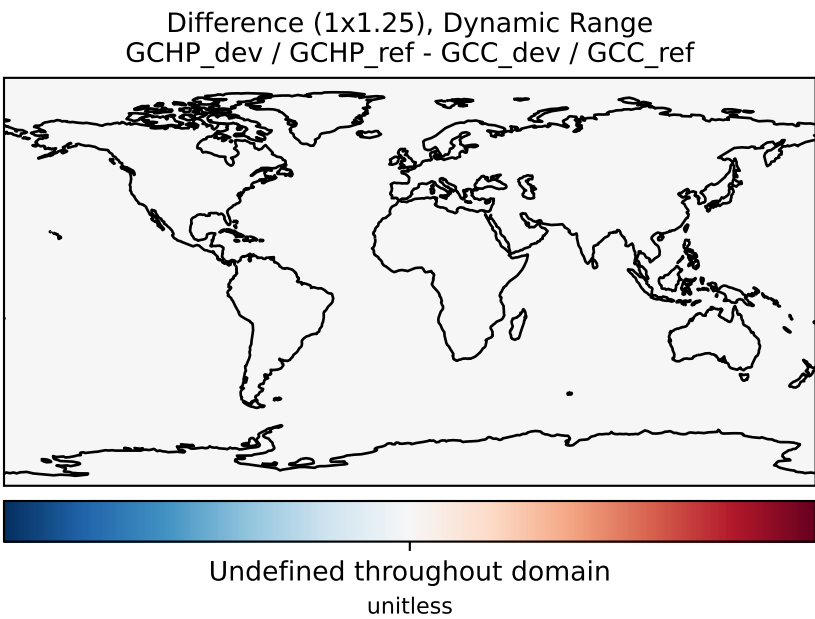
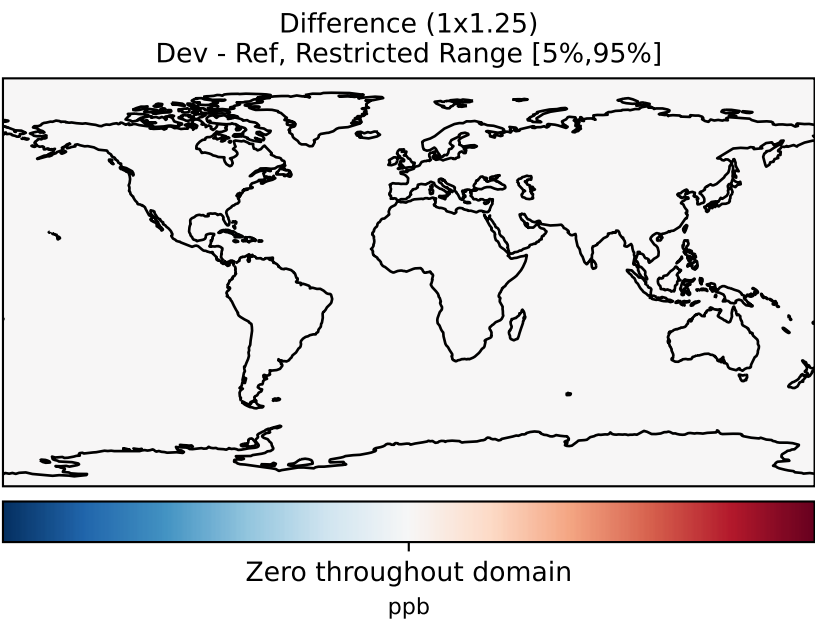
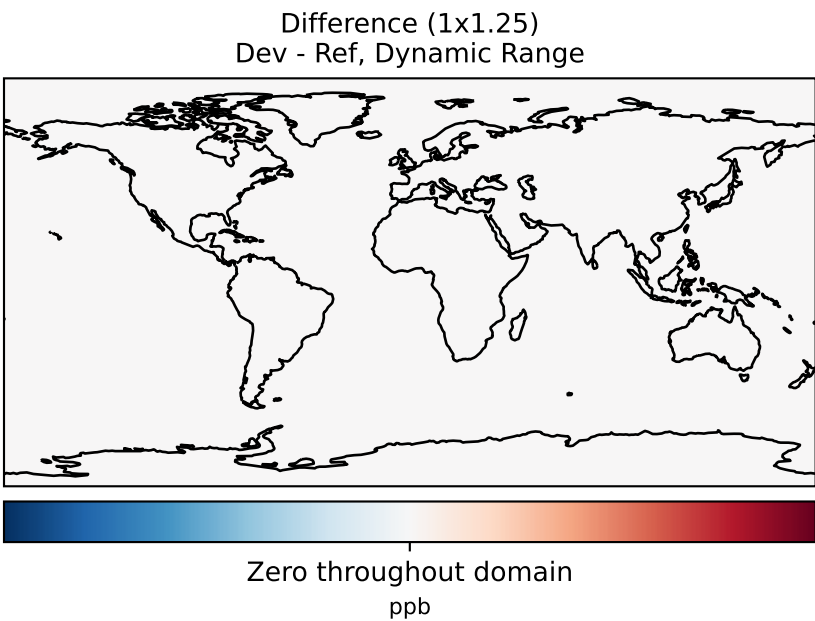
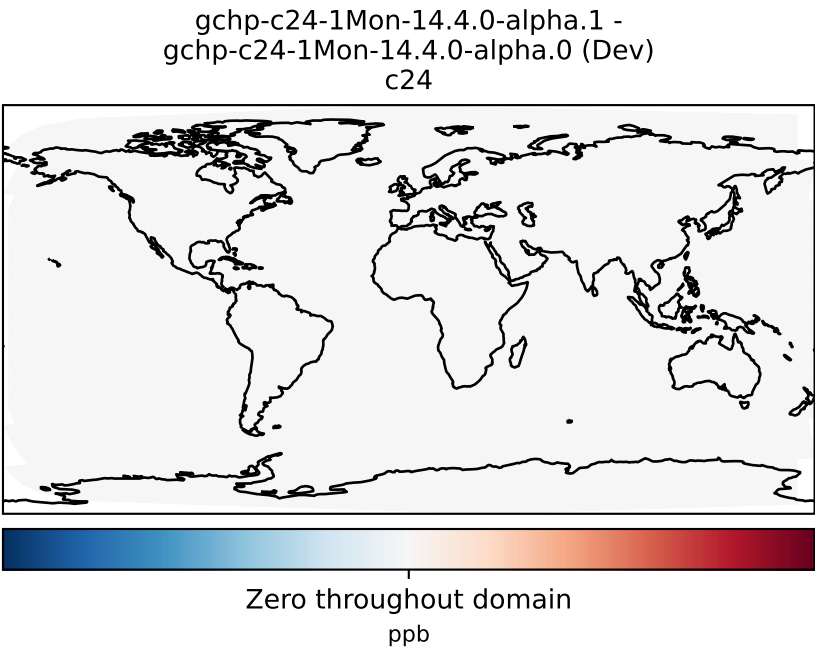
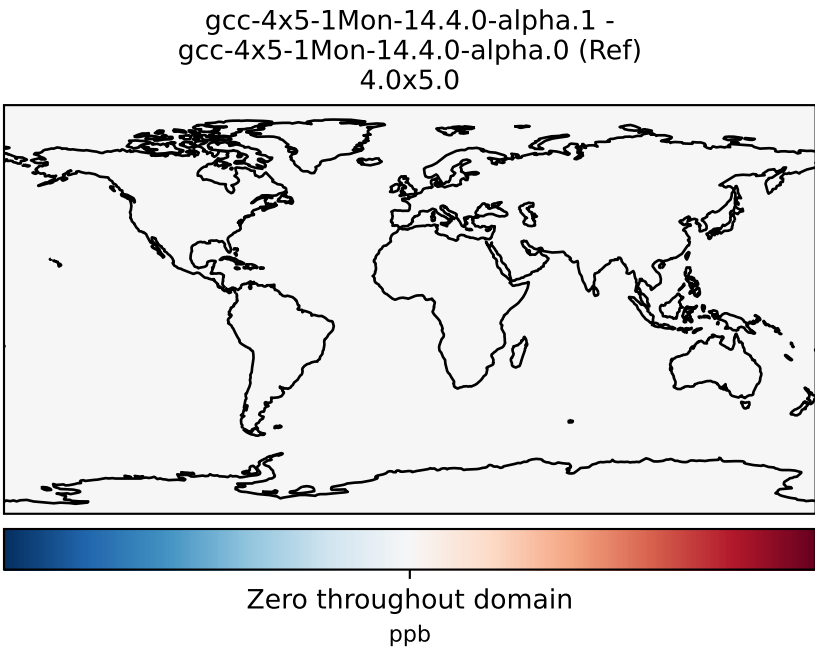
Undefined throughout domain
unitless

Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

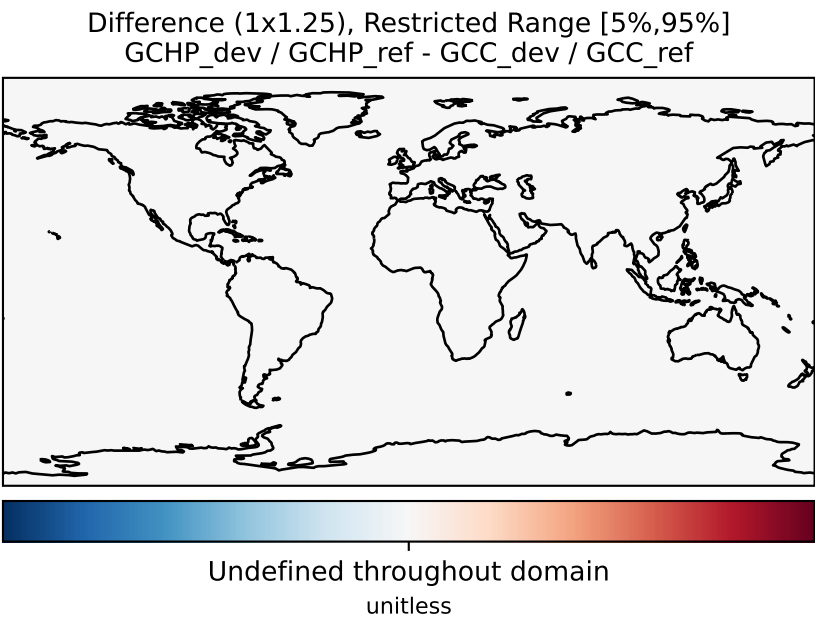
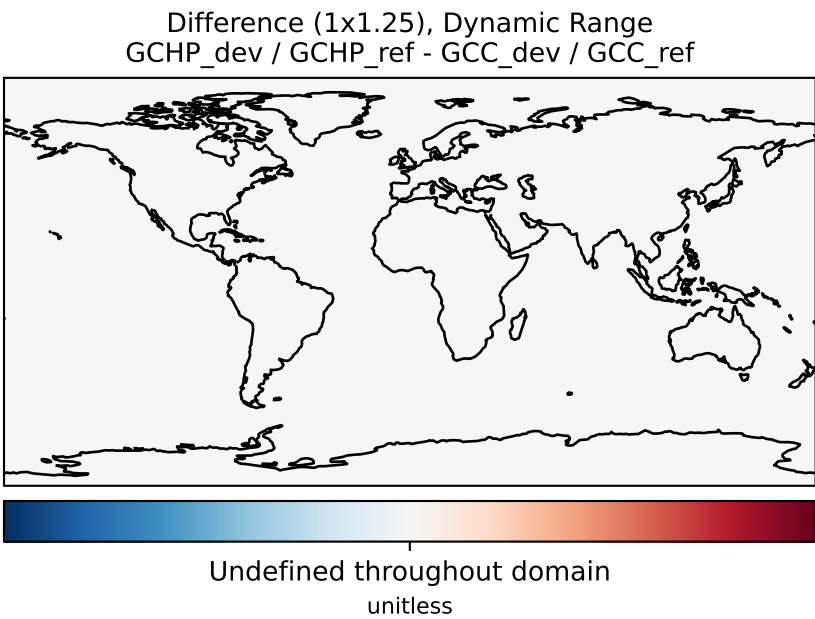
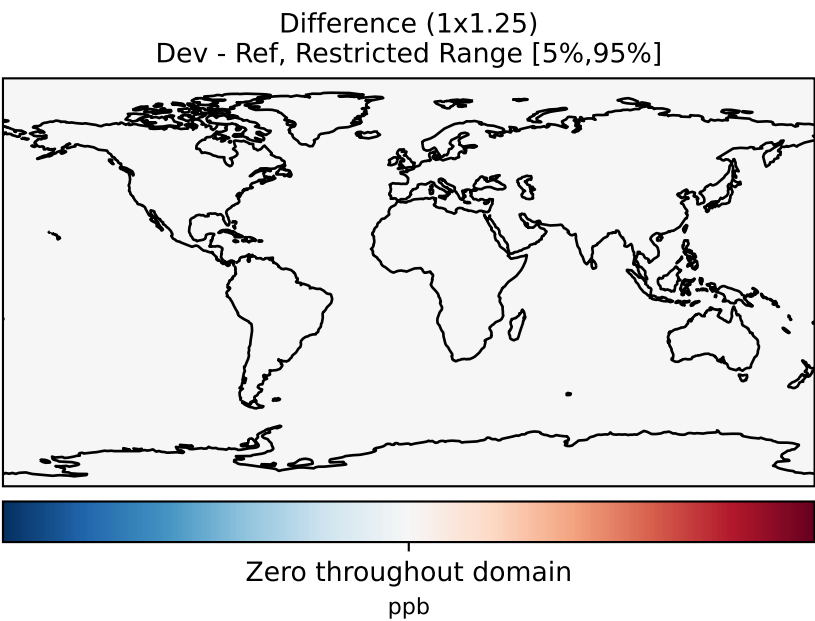
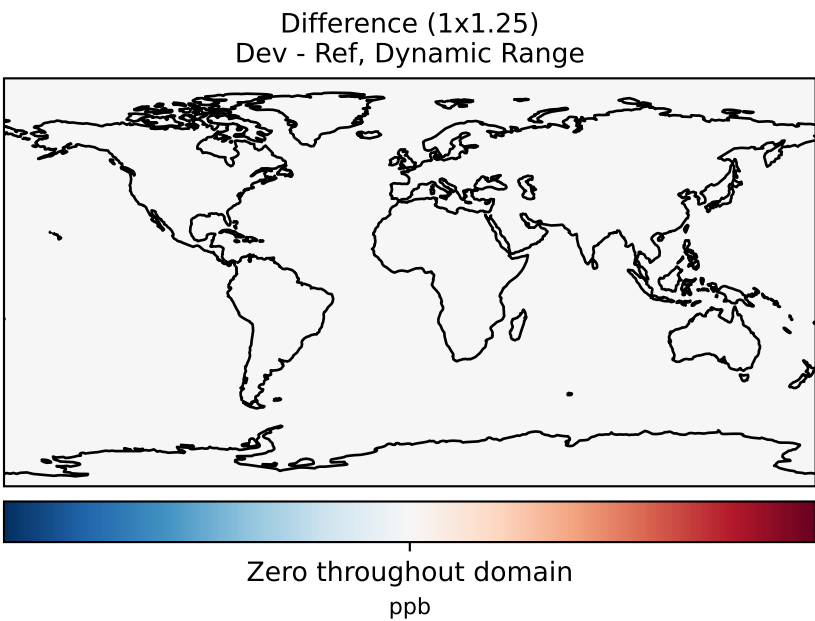
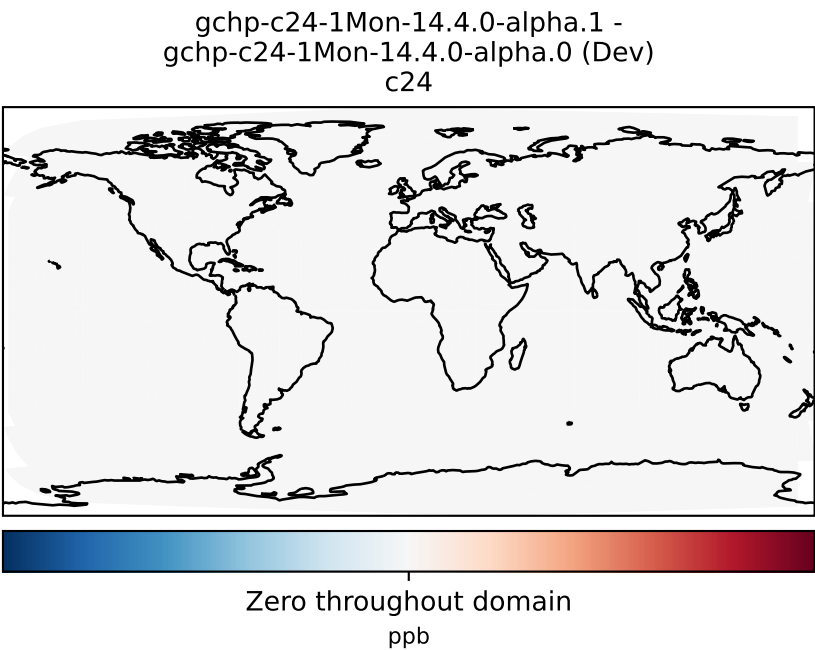
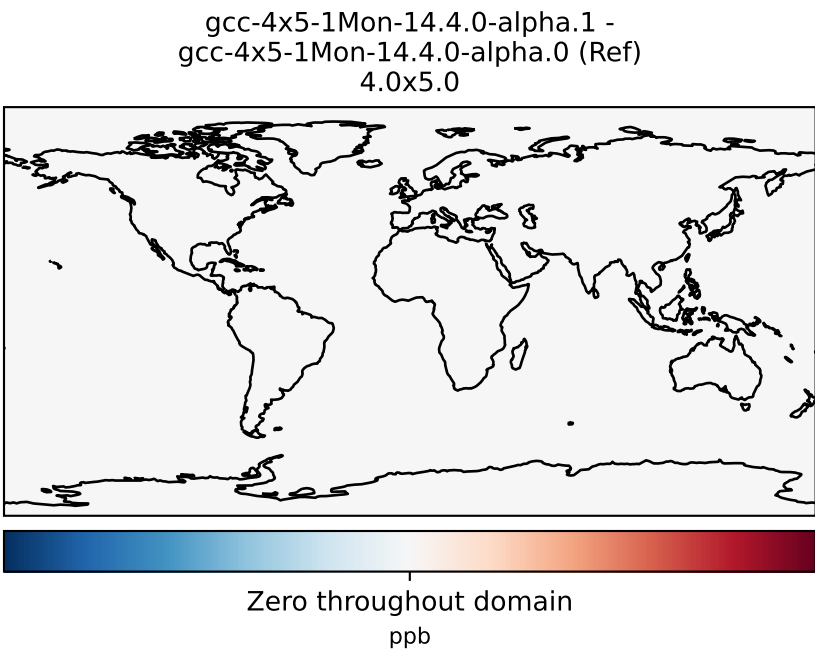


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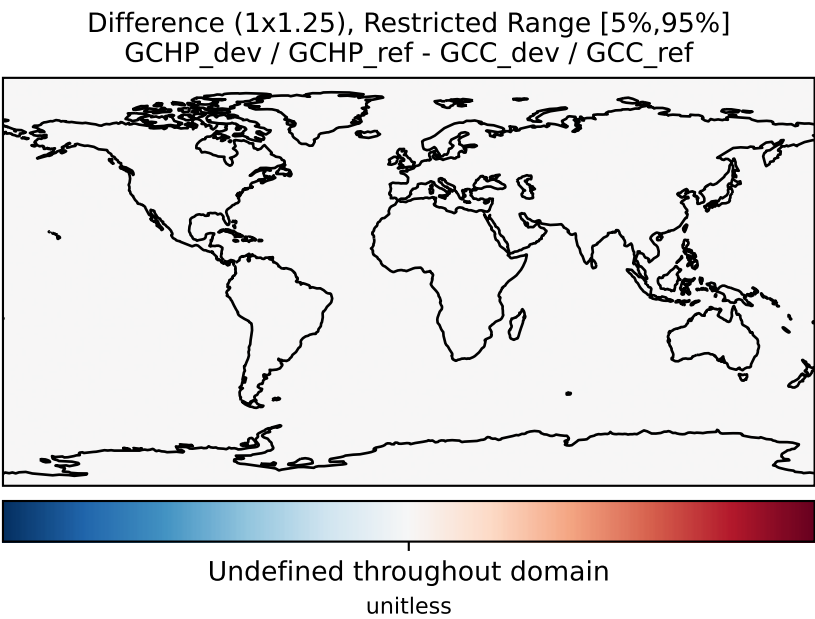
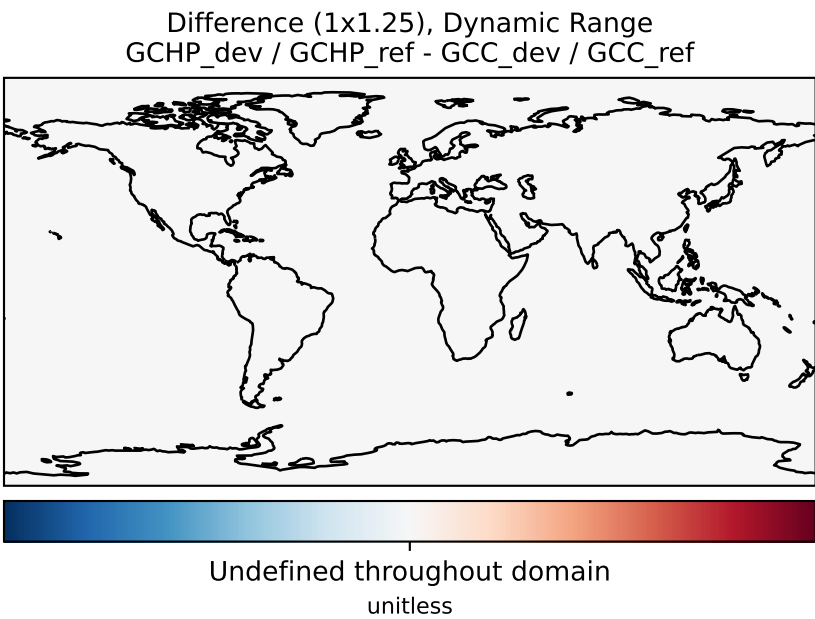
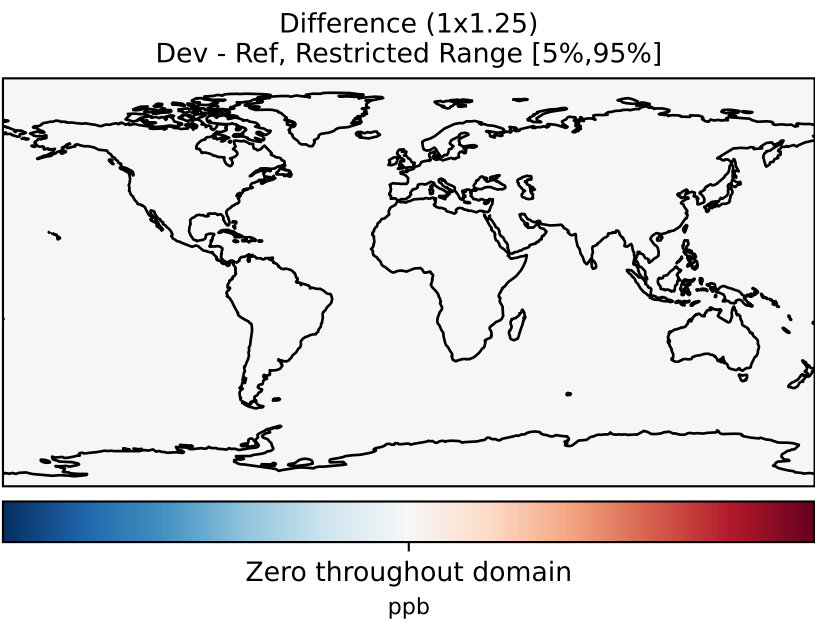
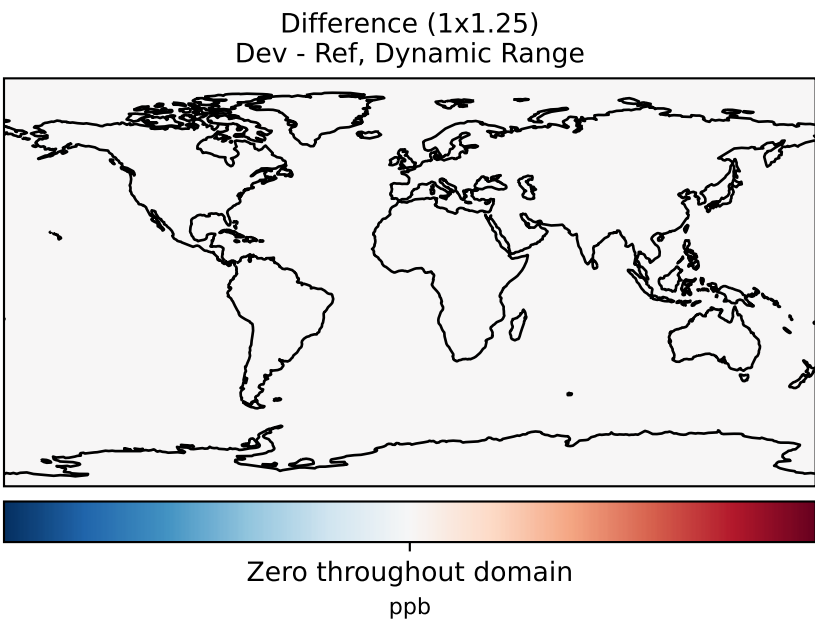
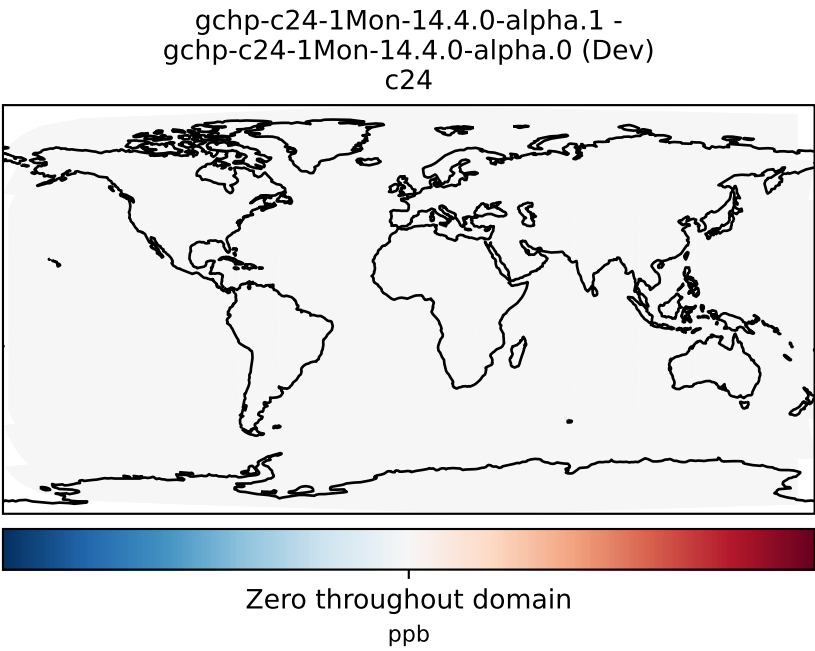
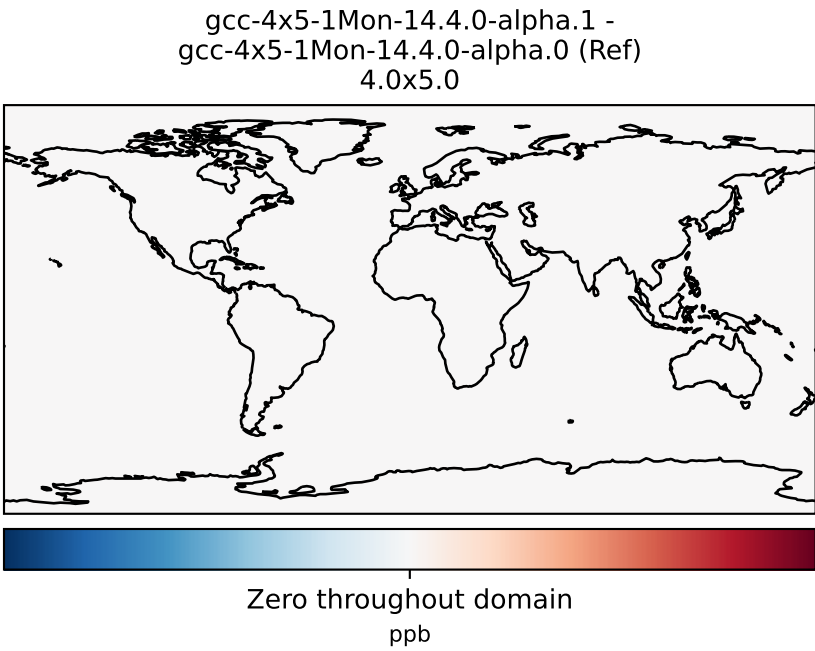
SpeciesConcVV_DST2



SpeciesConcVV_DST3

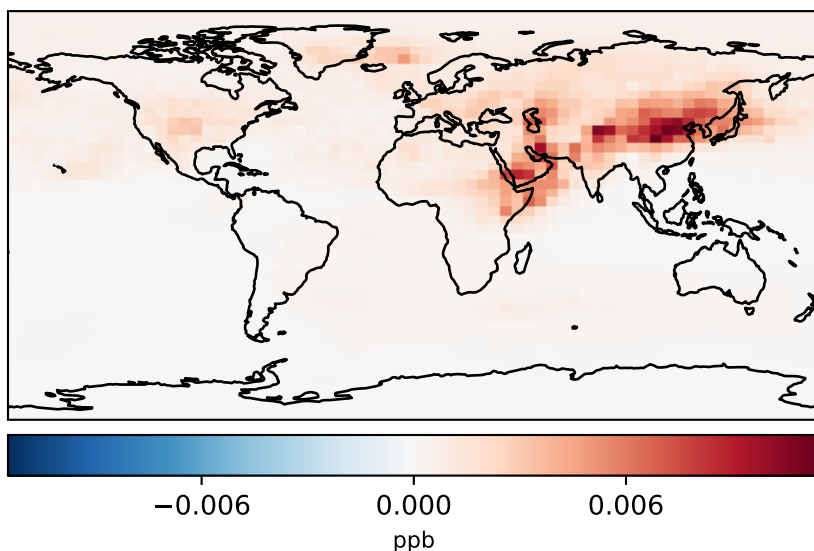


SpeciesConcVV_DST4

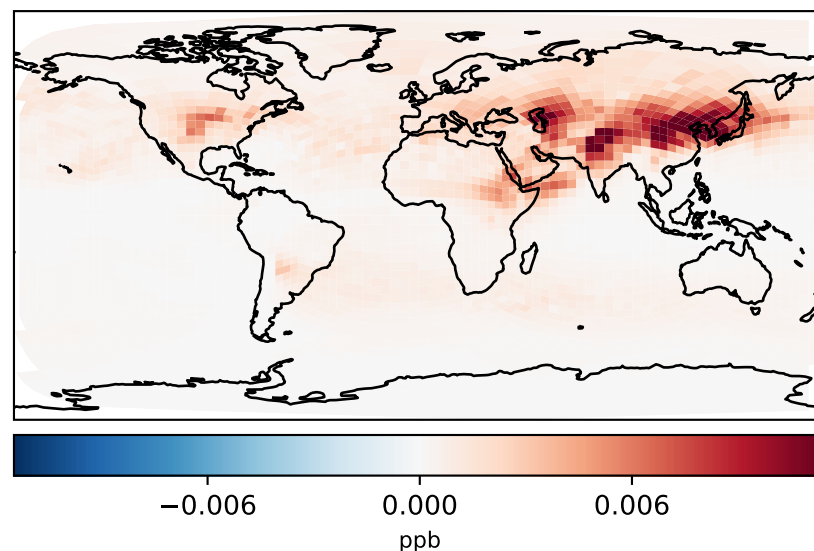


SpeciesConcVV_NH4

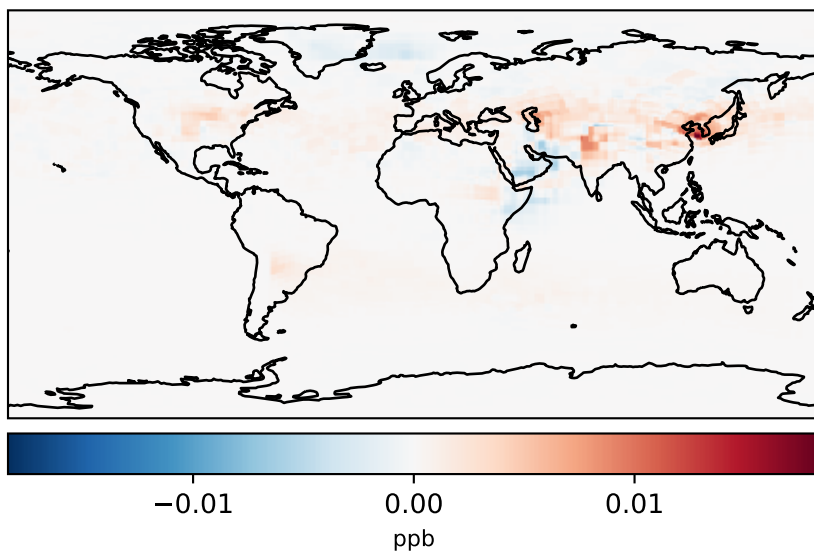
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



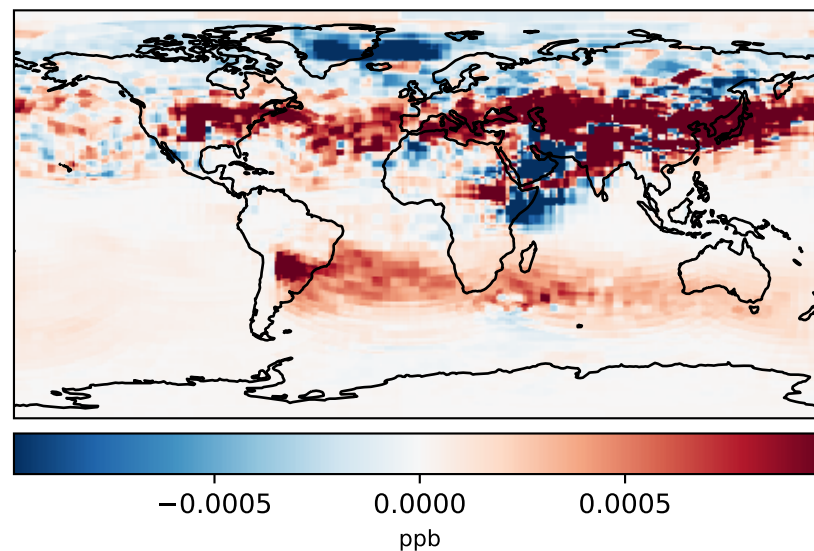
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



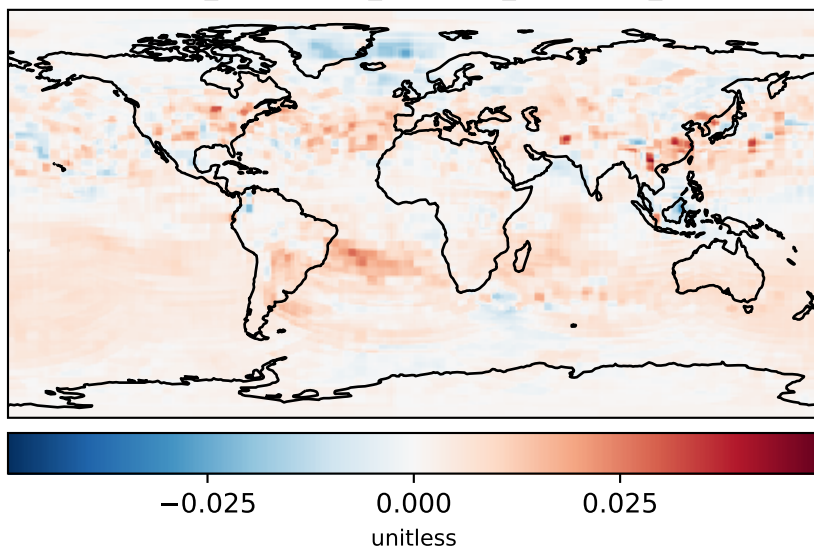
Difference (1x1.25)
Dev - Ref, Dynamic Range



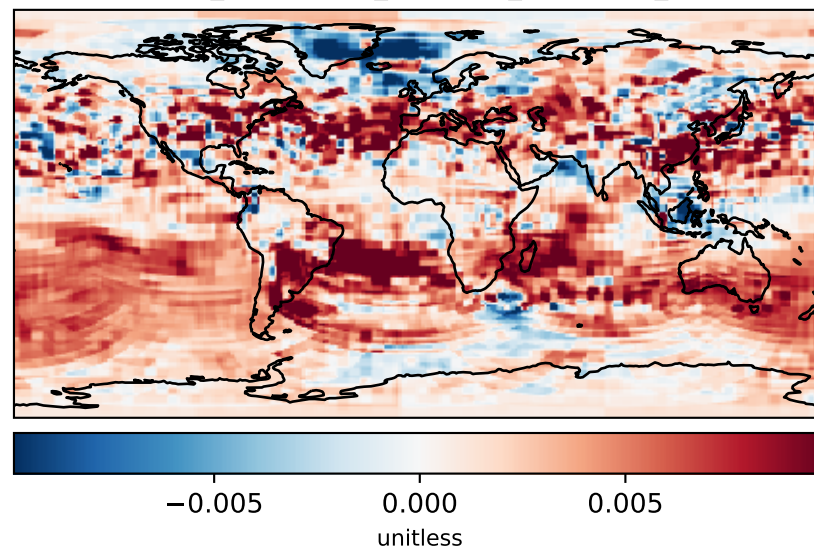
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

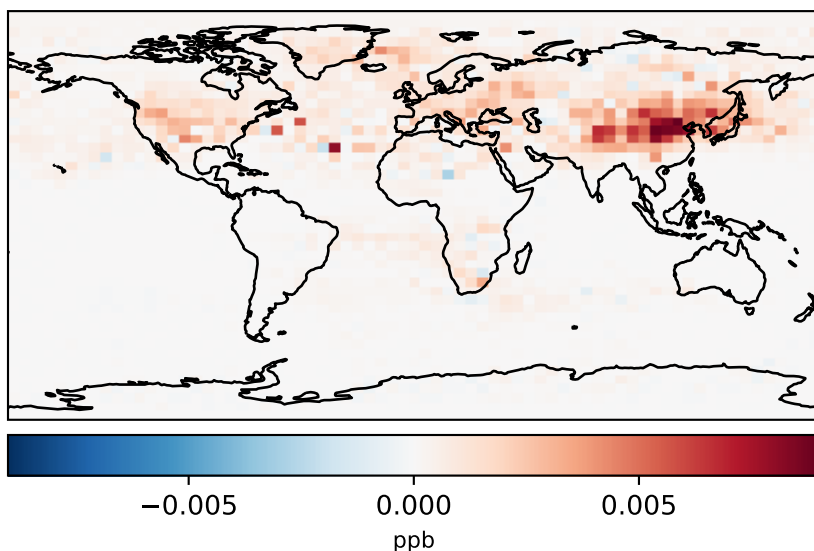


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

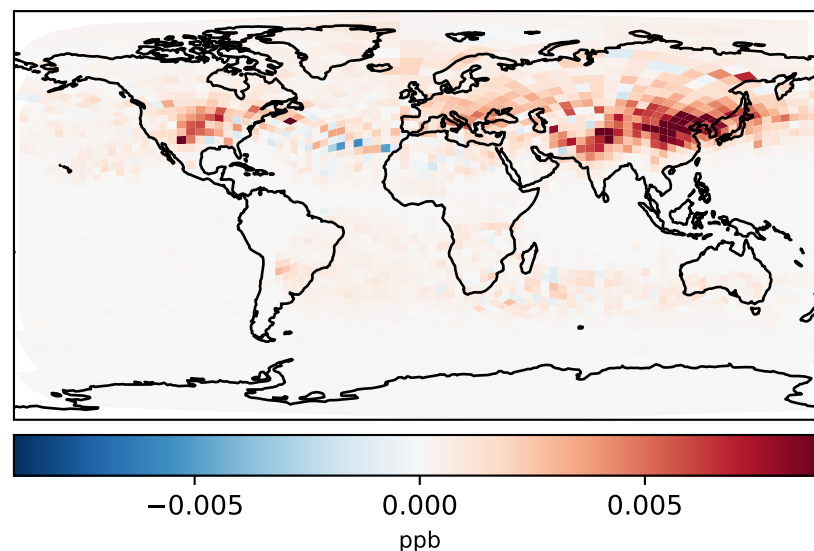


SpeciesConcVV_NIT

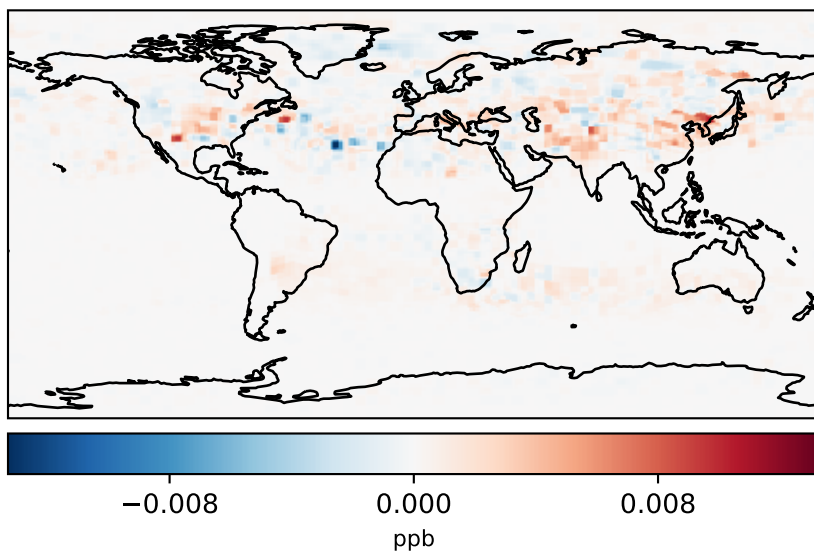
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



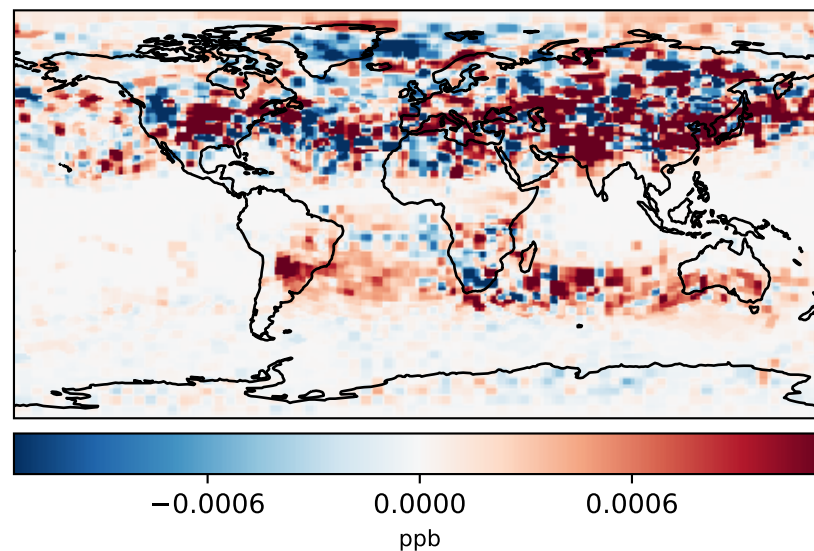
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



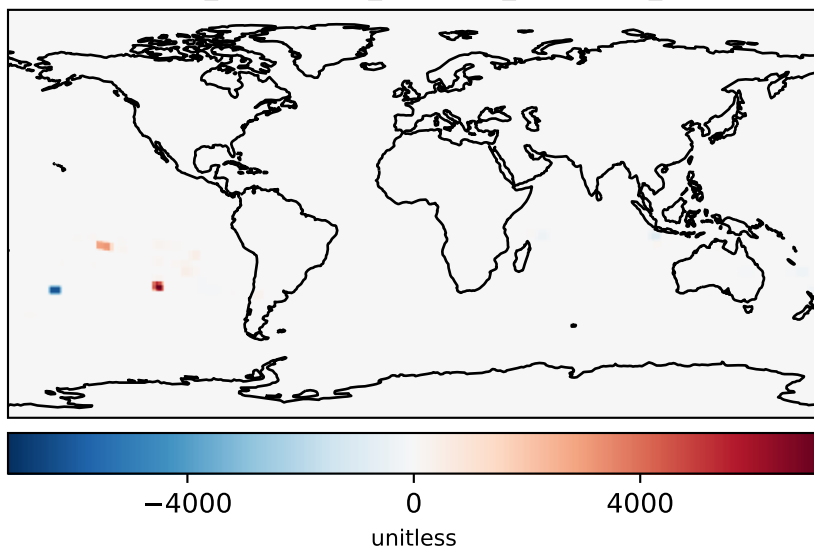
Difference (1x1.25)
Dev - Ref, Dynamic Range



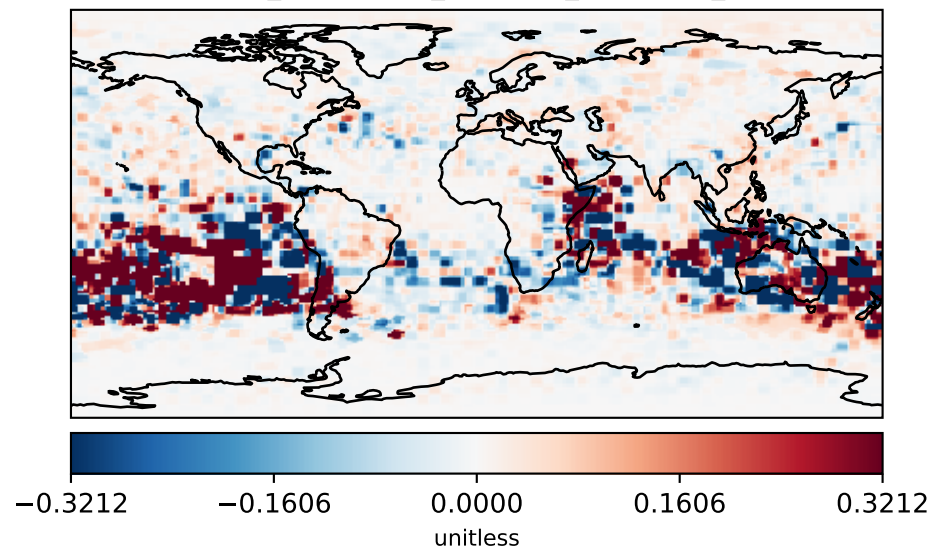
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

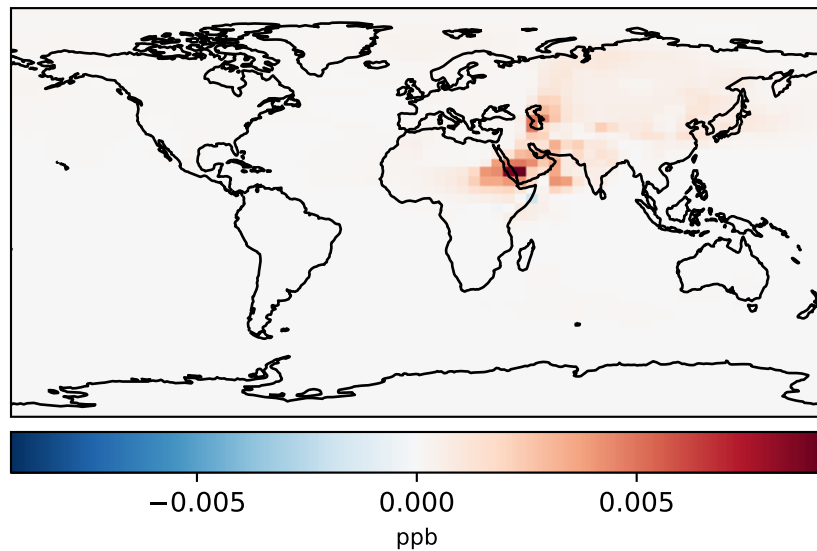


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

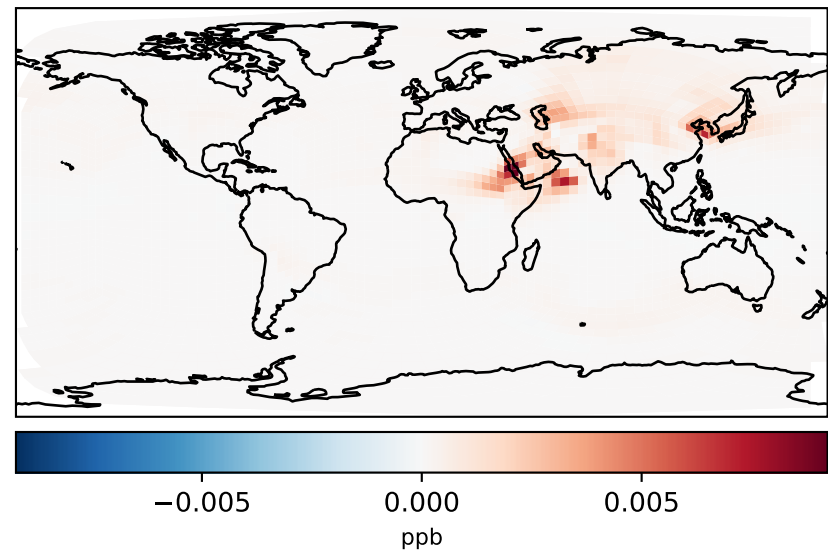


SpeciesConcVV_S04

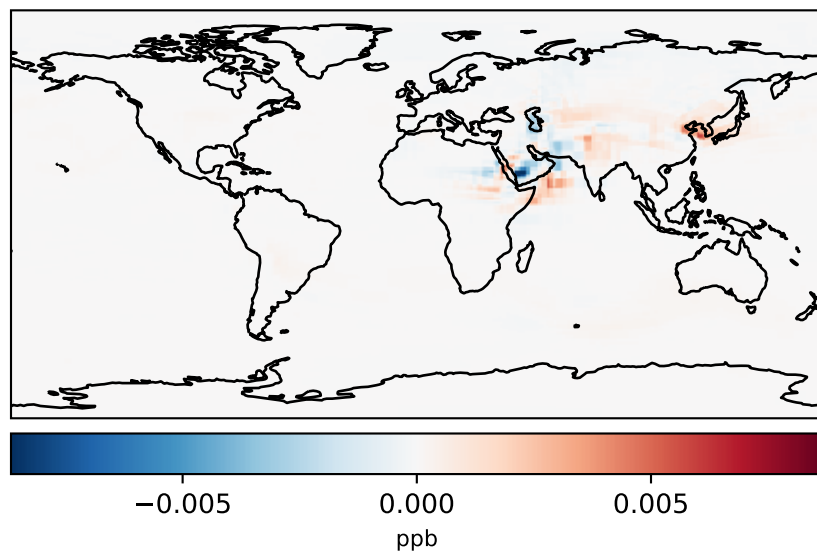
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



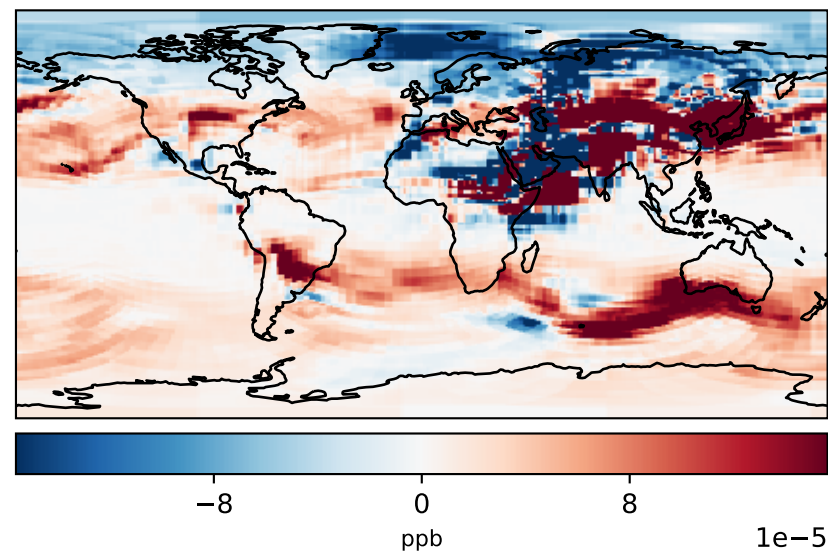
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



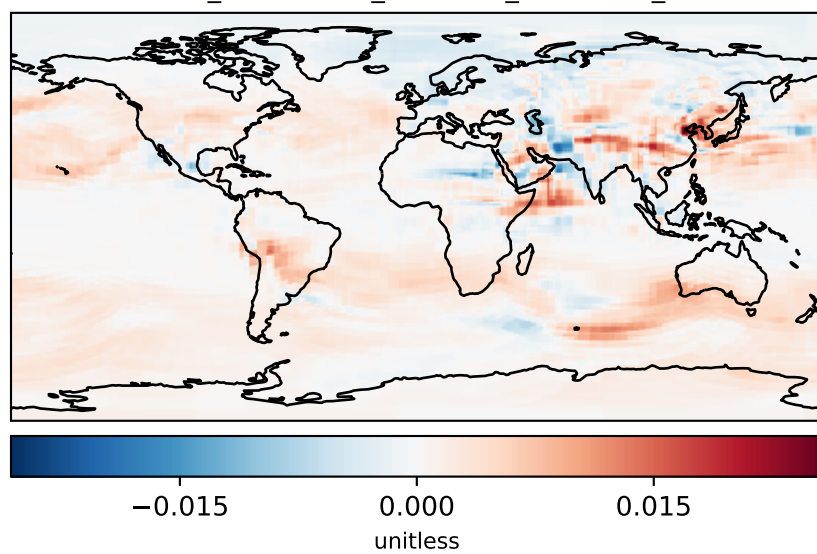
Difference (1x1.25)
Dev - Ref, Dynamic Range



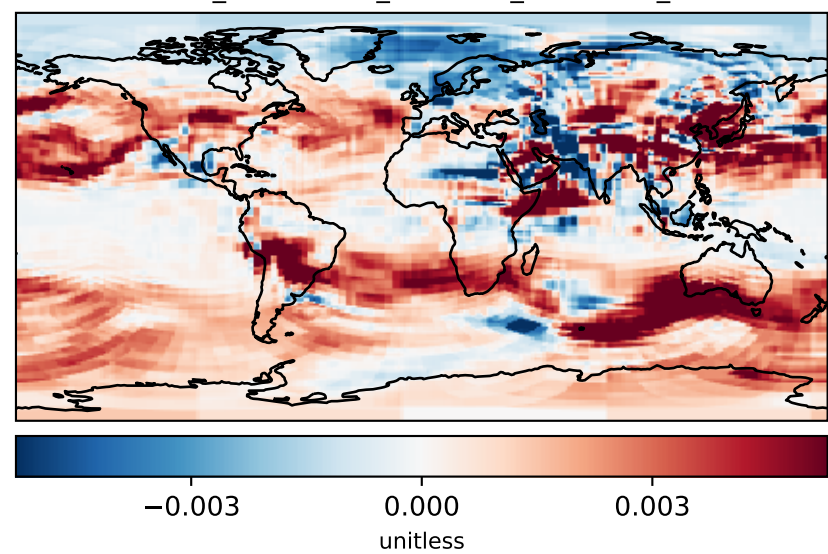
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

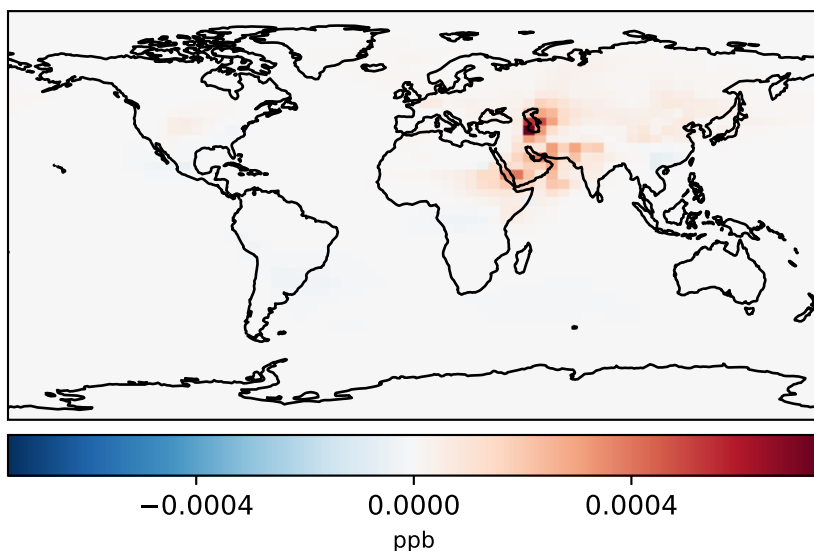


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

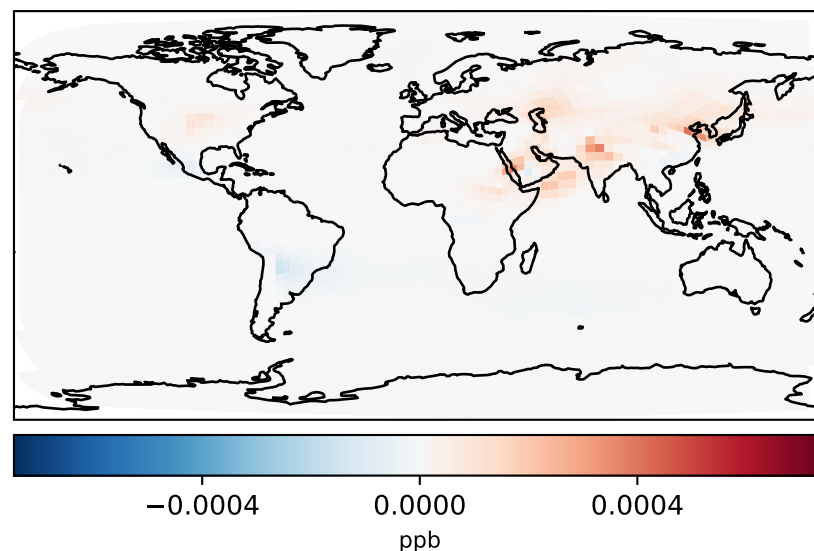


SpeciesConcVV_HMS

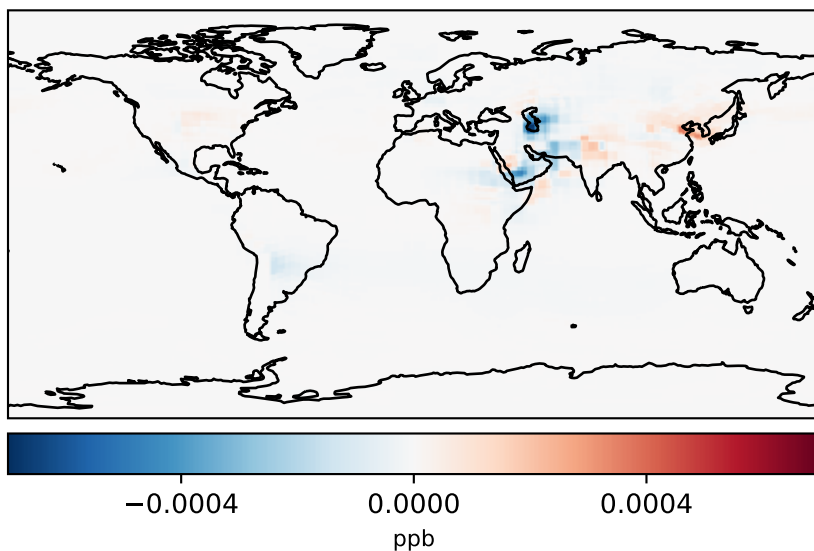
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



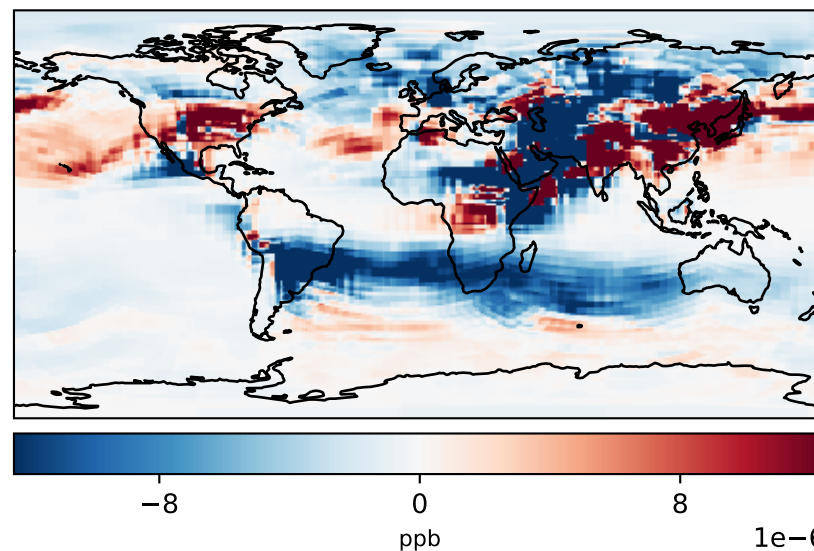
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



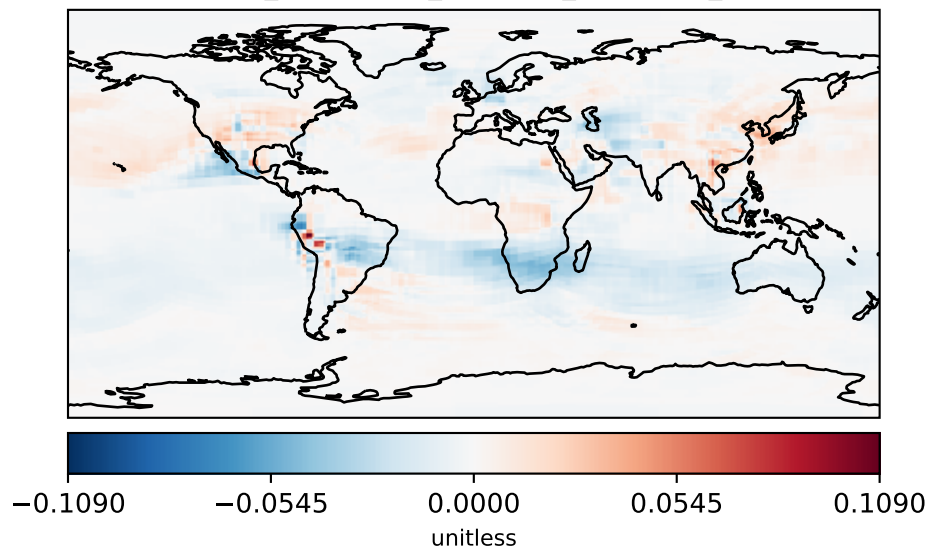
Difference (1x1.25)
Dev - Ref, Dynamic Range



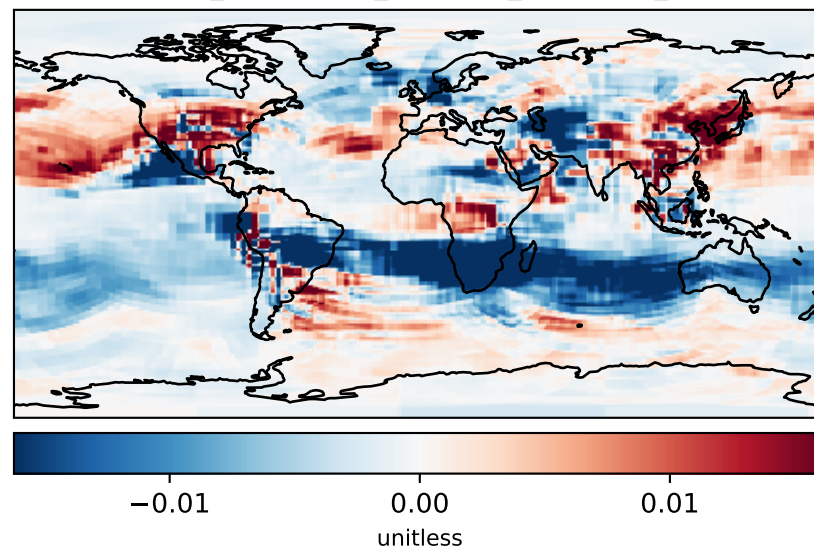
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

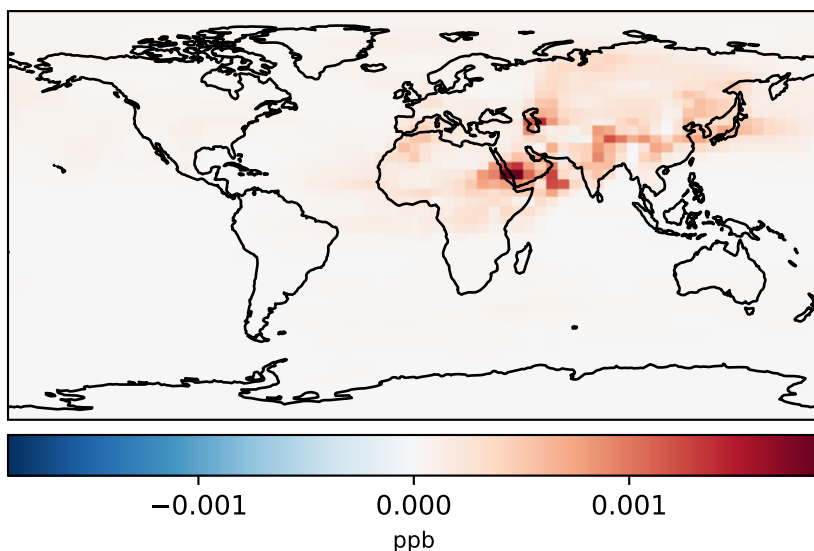


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

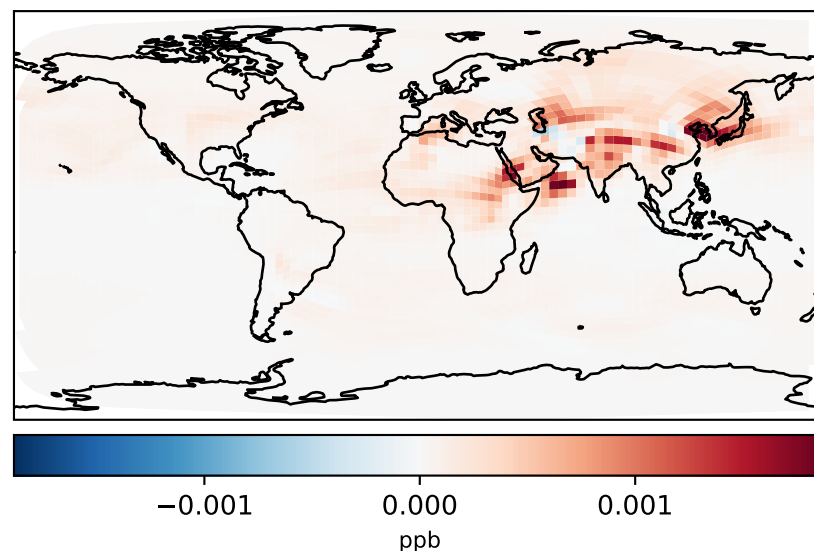


SpeciesConcVW_BCPI

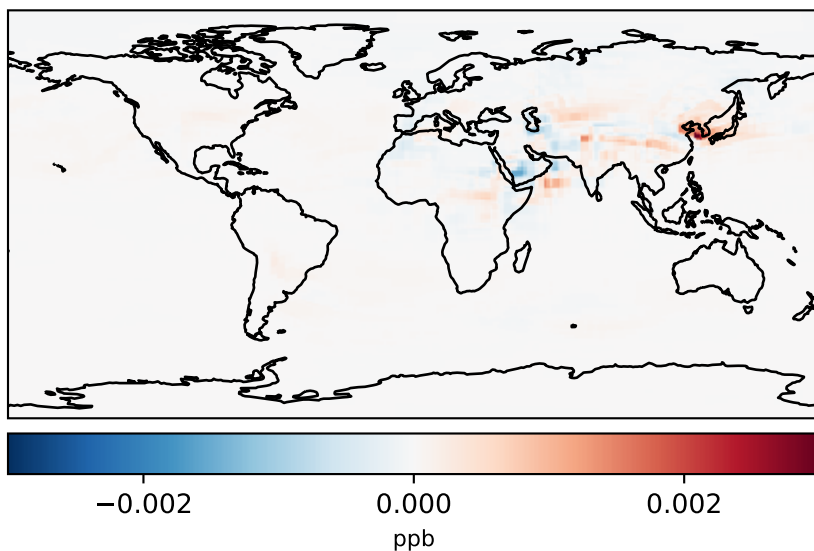
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



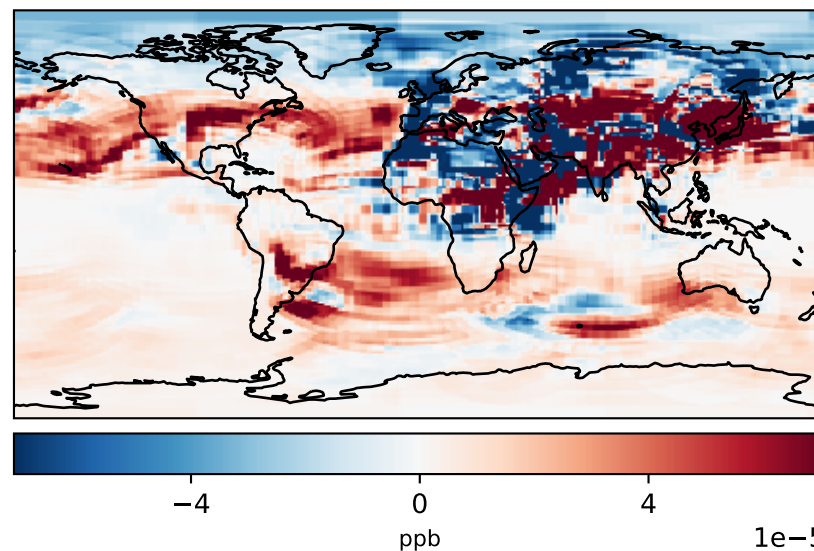
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



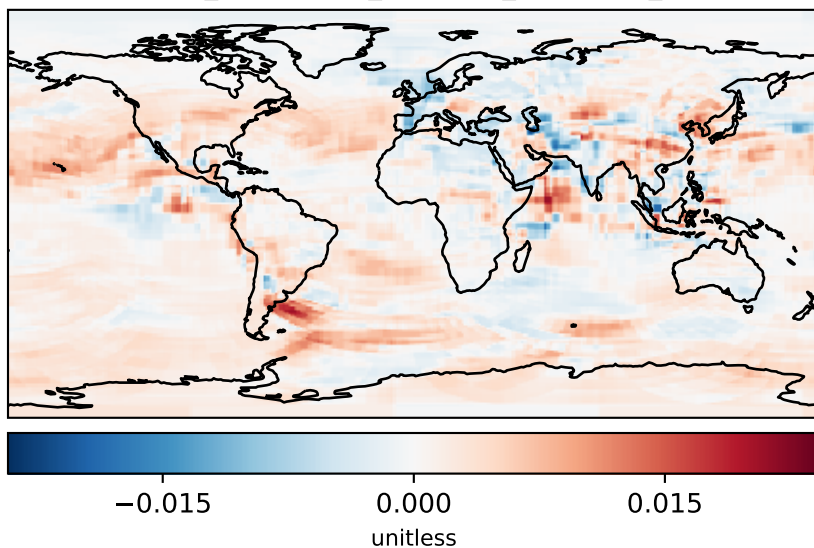
Difference (1x1.25)
Dev - Ref, Dynamic Range



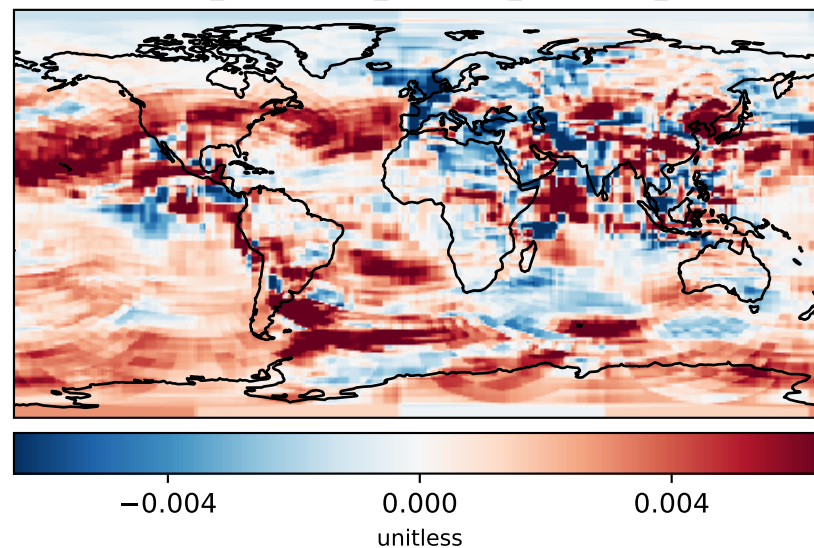
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

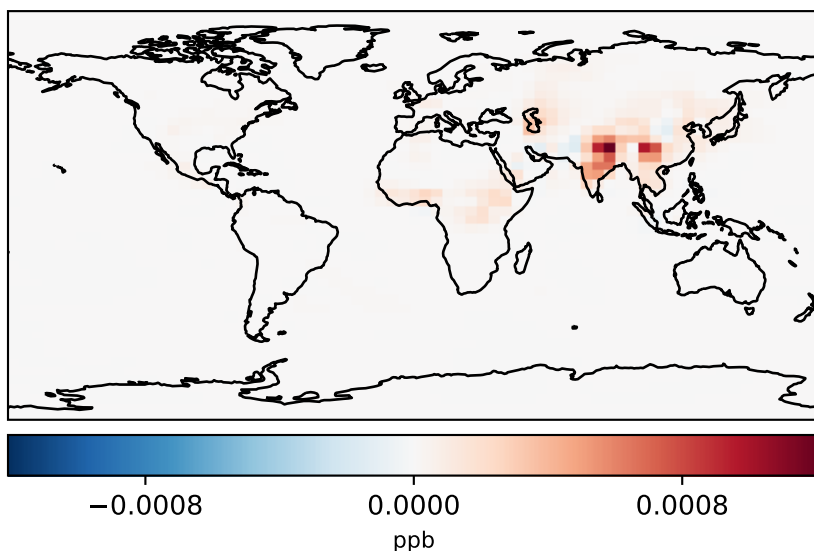


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

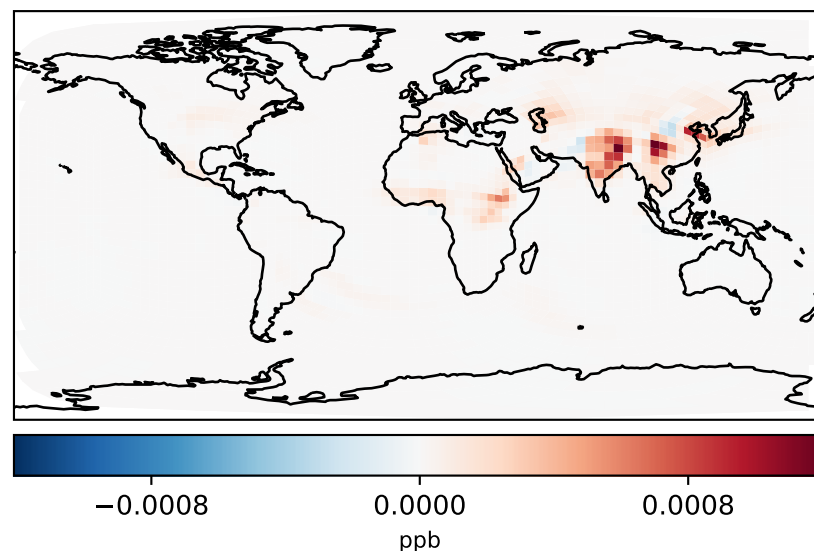


SpeciesConcVW_BCPO

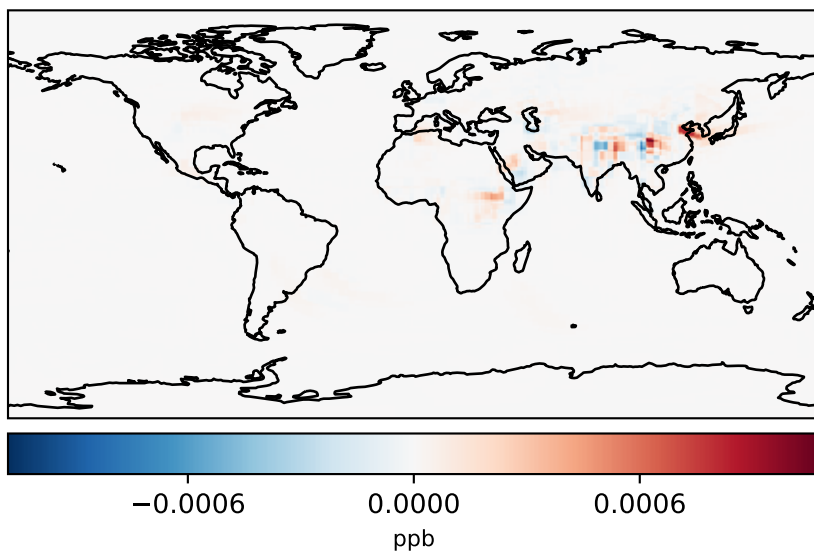
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



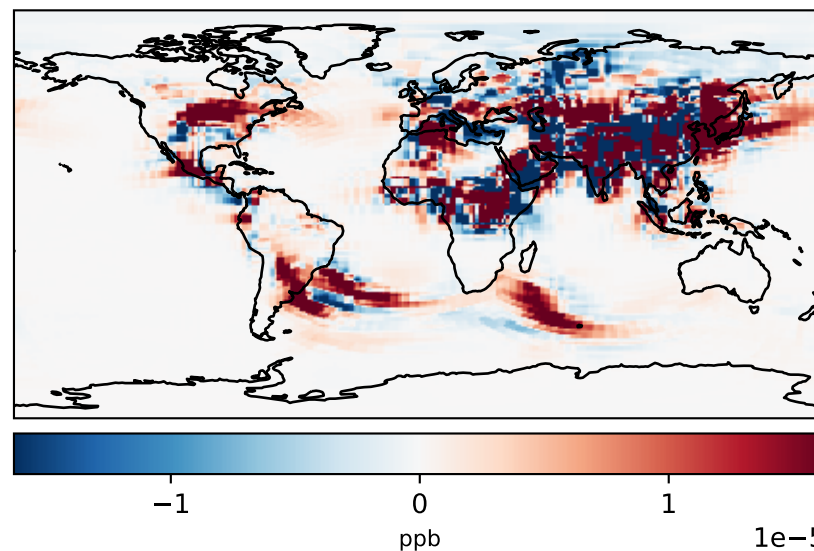
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



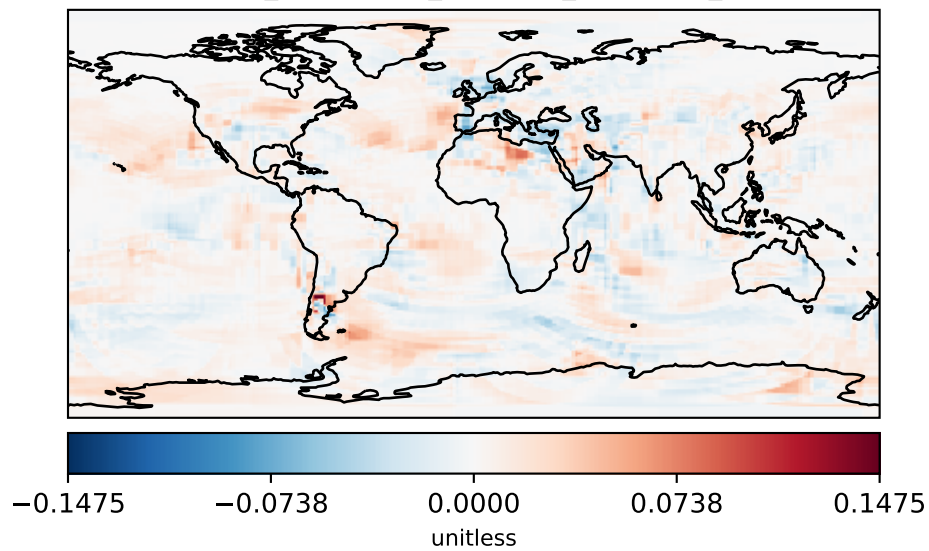
Difference (1x1.25)
Dev - Ref, Dynamic Range



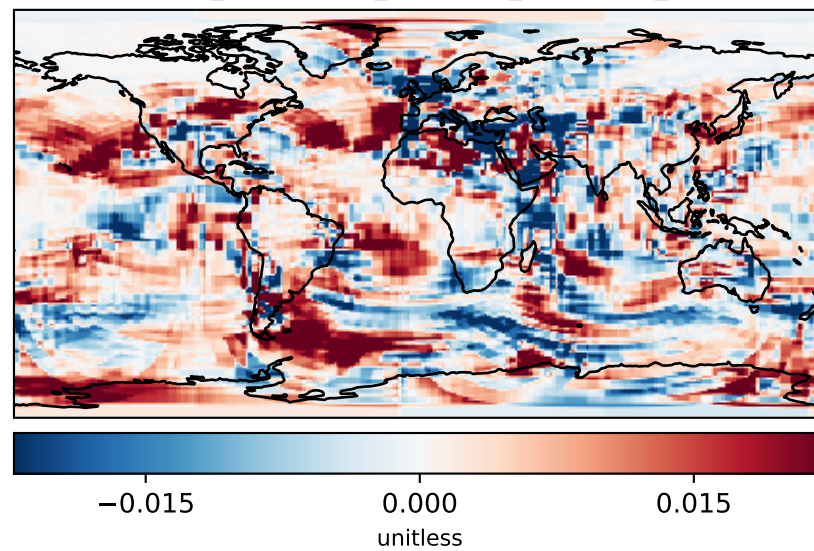
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

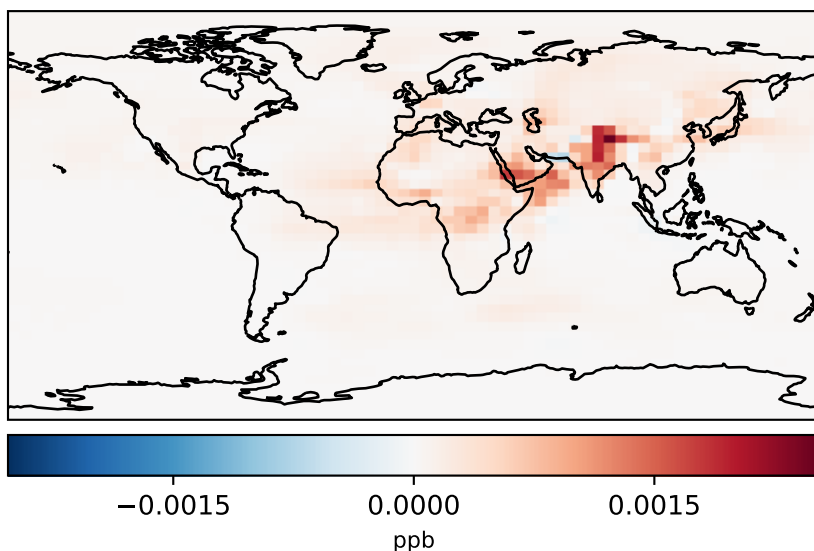


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

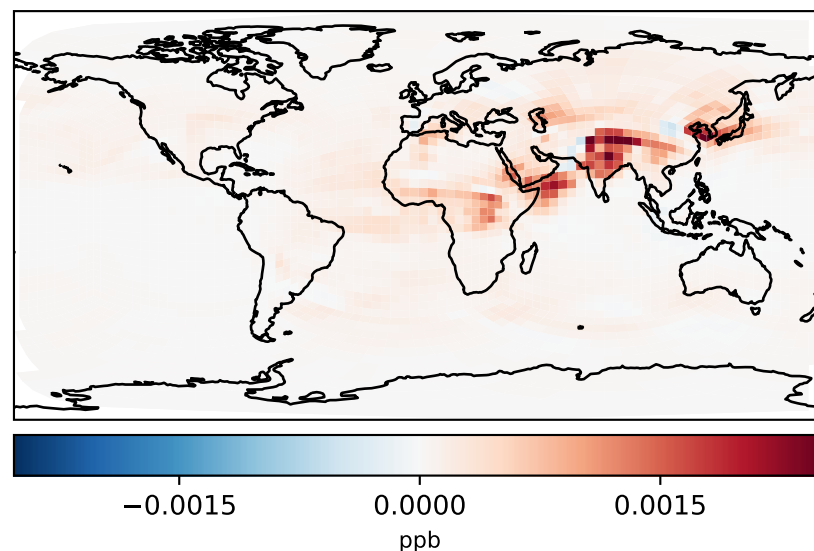


SpeciesConcVV_OCPI

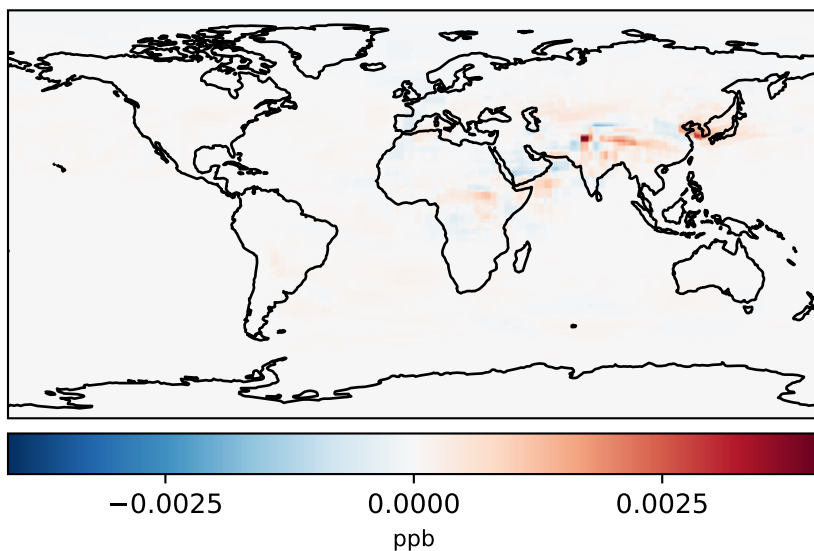
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



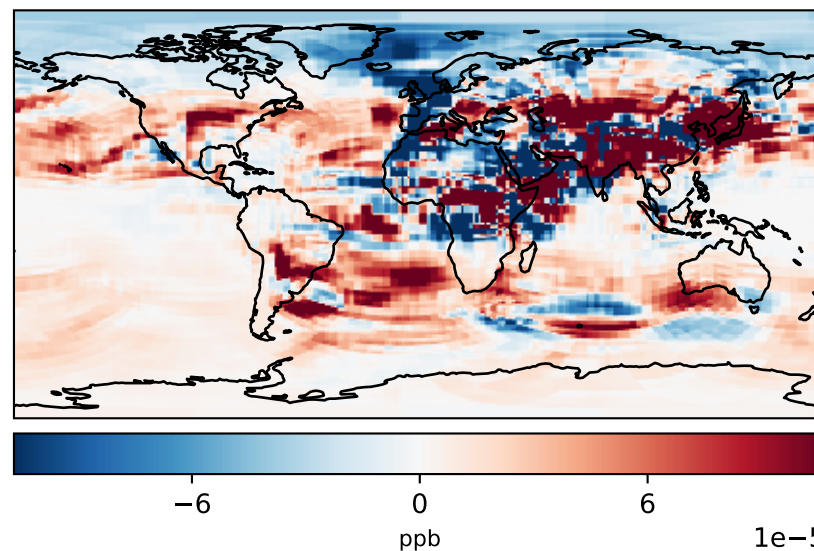
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



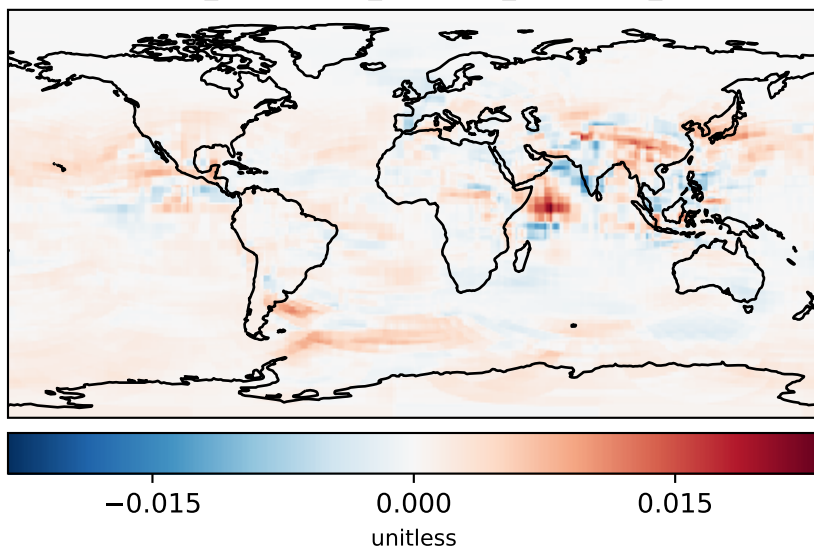
Difference (1x1.25)
Dev - Ref, Dynamic Range



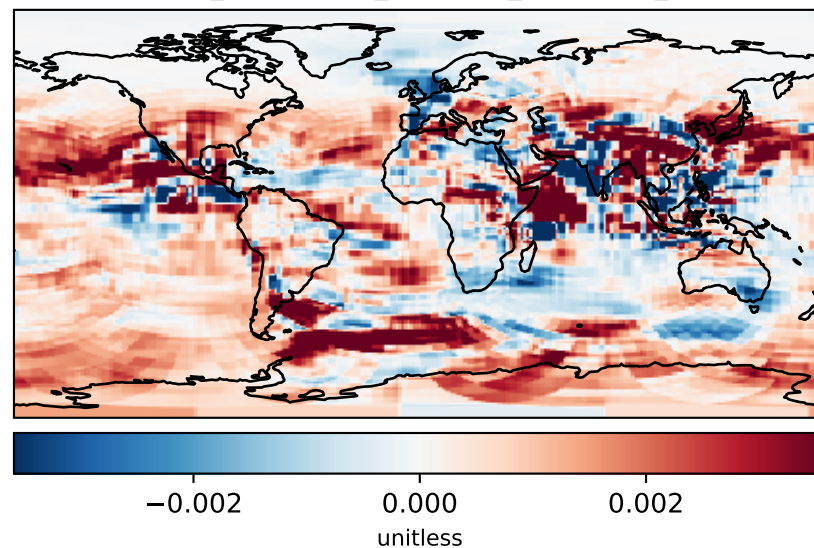
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

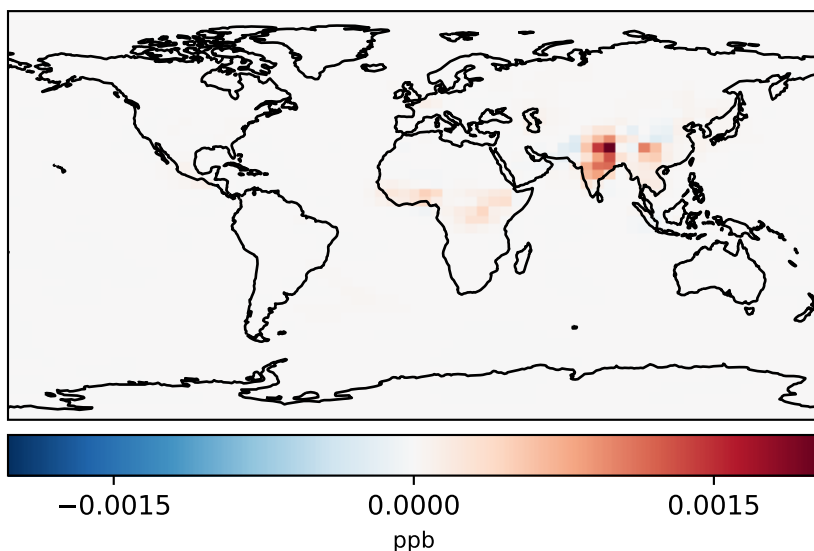


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

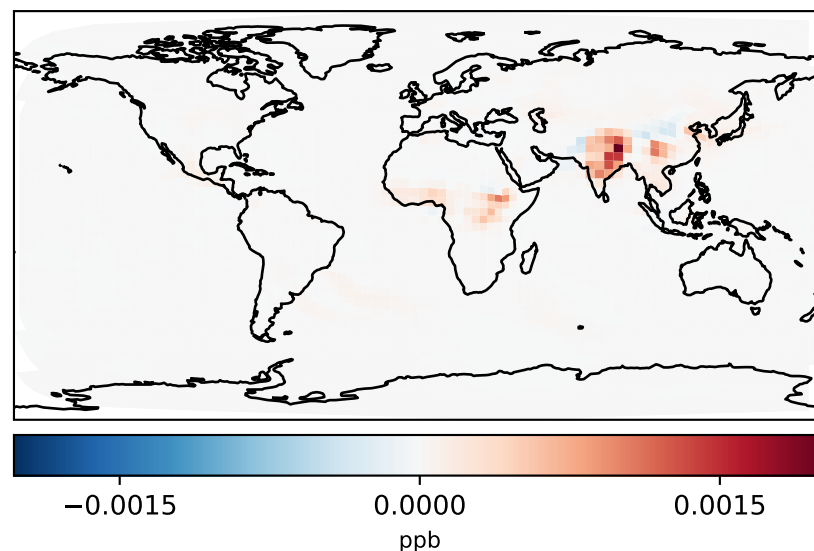


SpeciesConcVV_OCPO

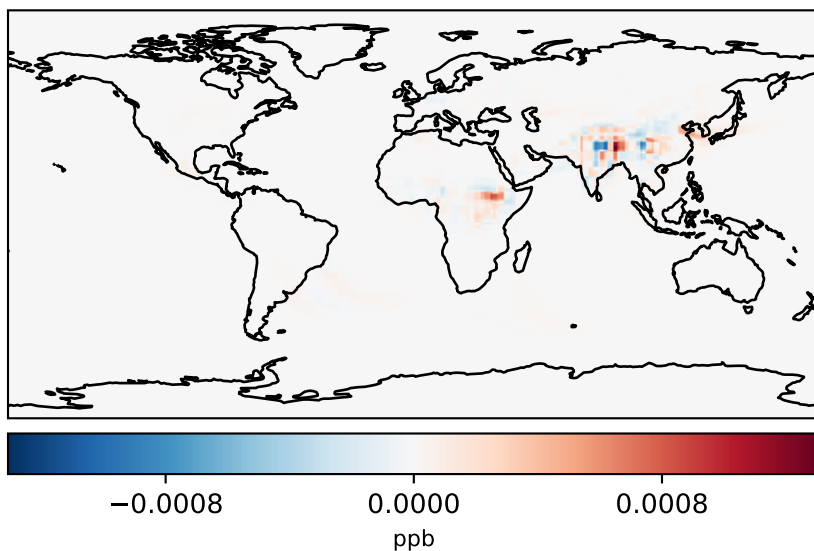
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



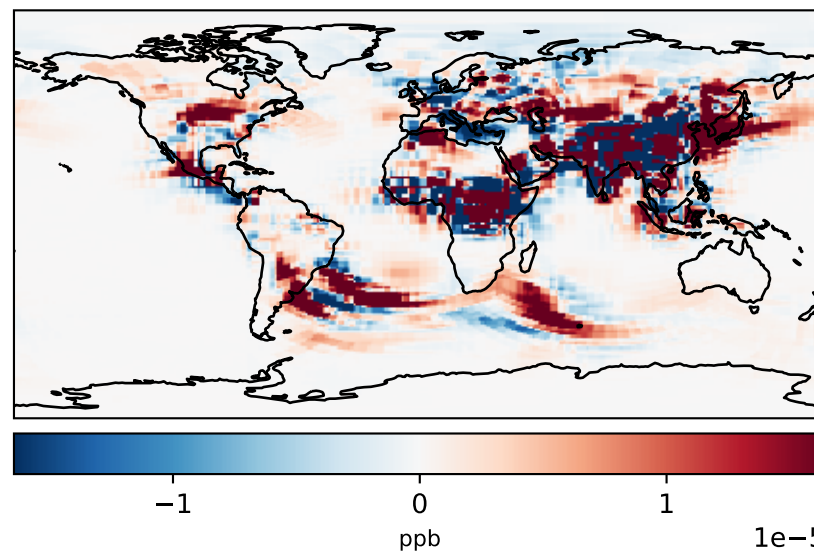
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



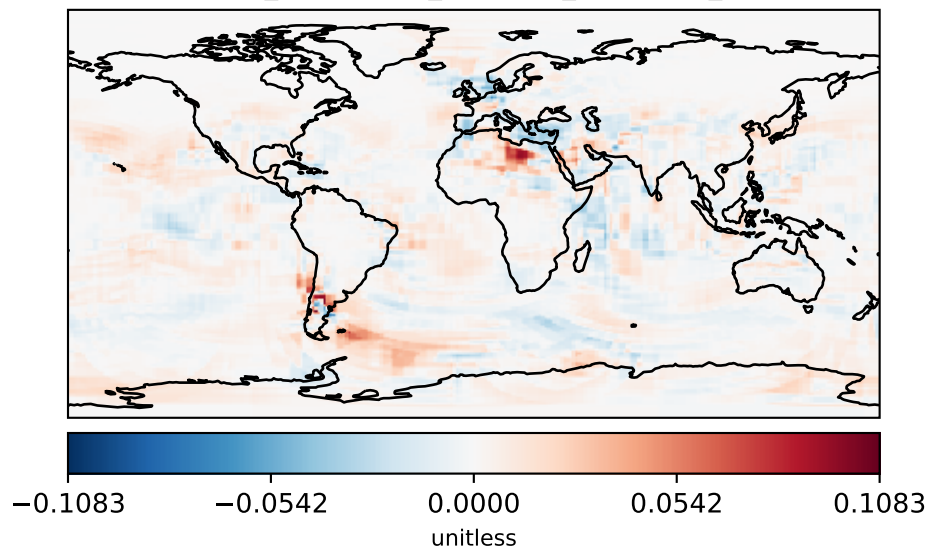
Difference (1x1.25)
Dev - Ref, Dynamic Range



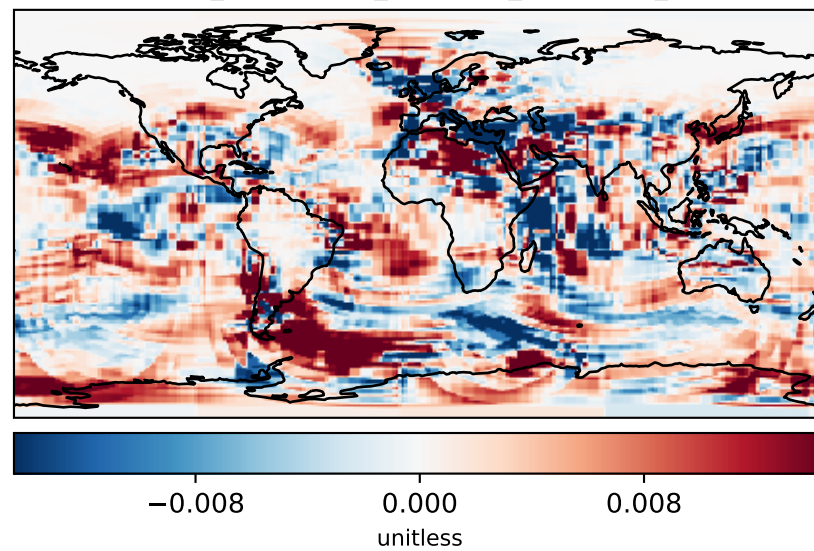
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

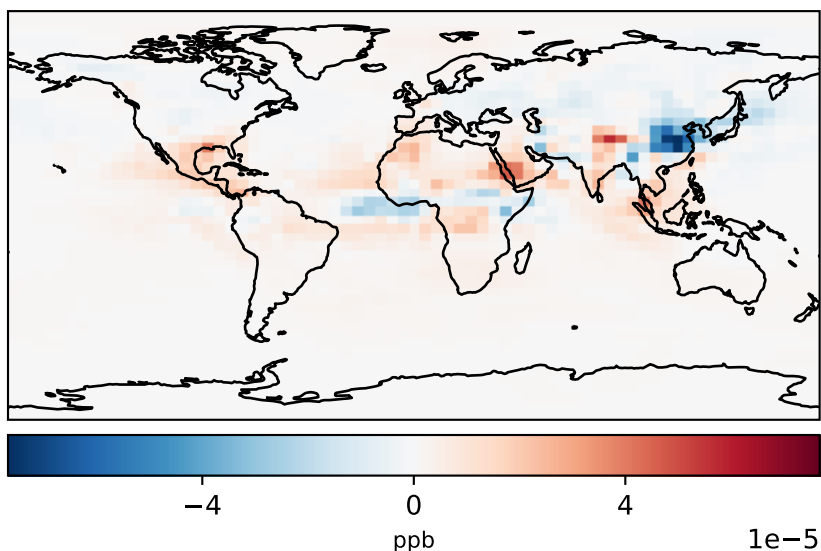


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

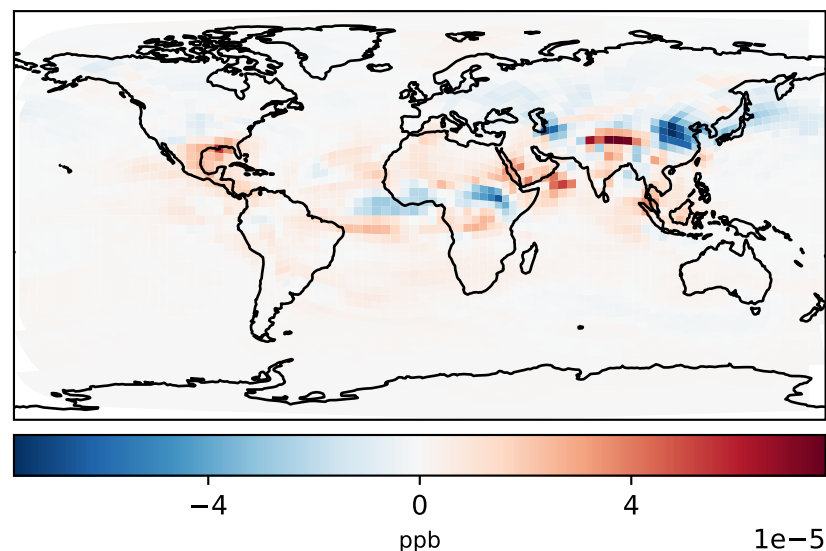


SpeciesConcVV_Complex_SOA

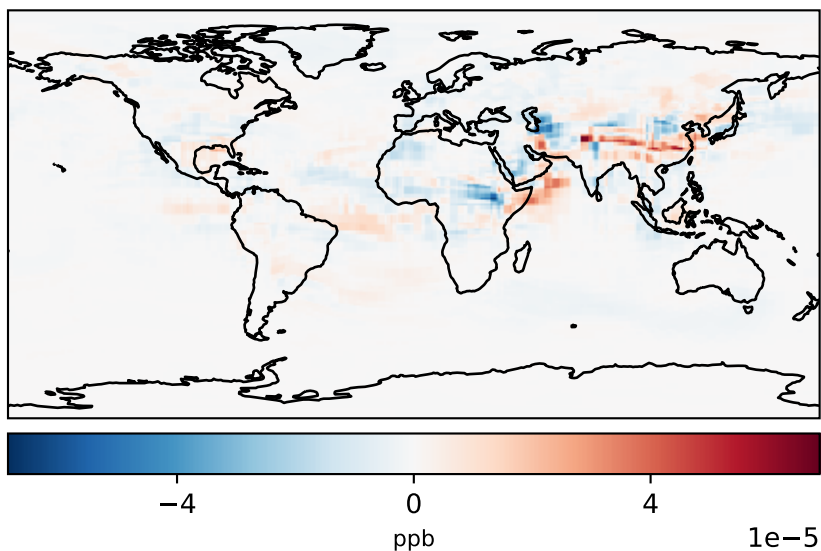
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



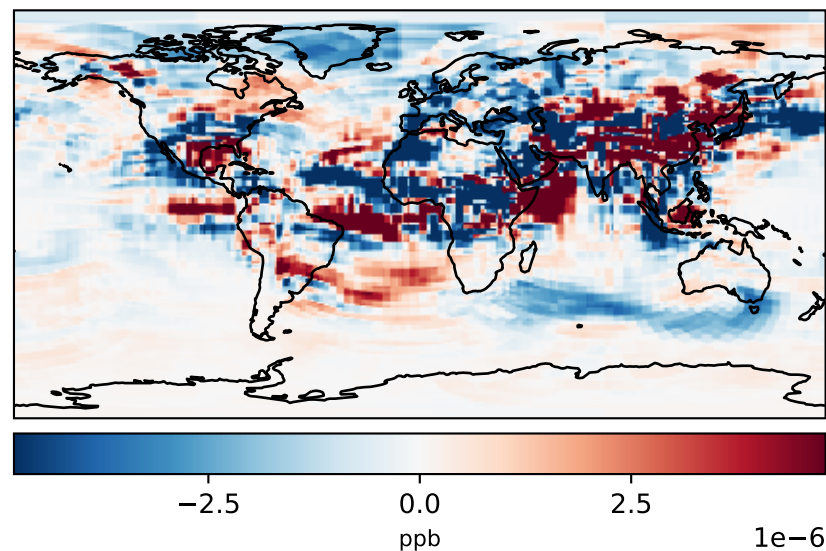
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



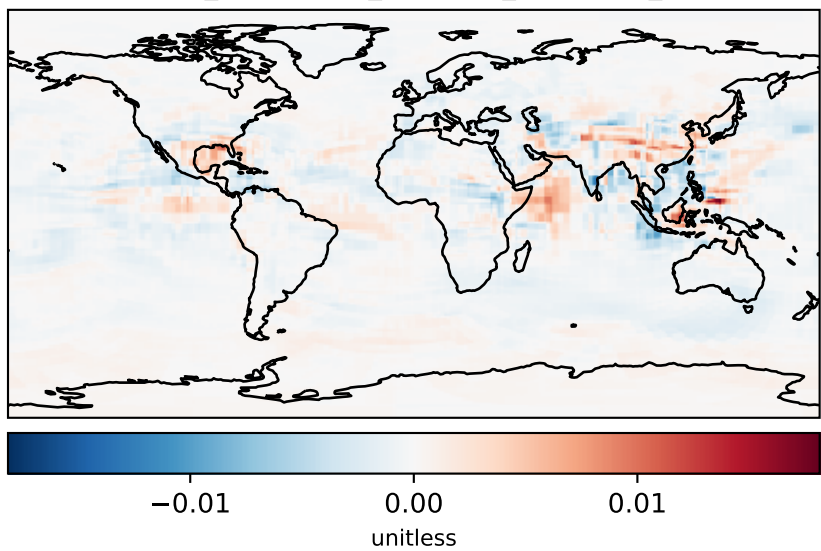
Difference (1x1.25)
Dev - Ref, Dynamic Range



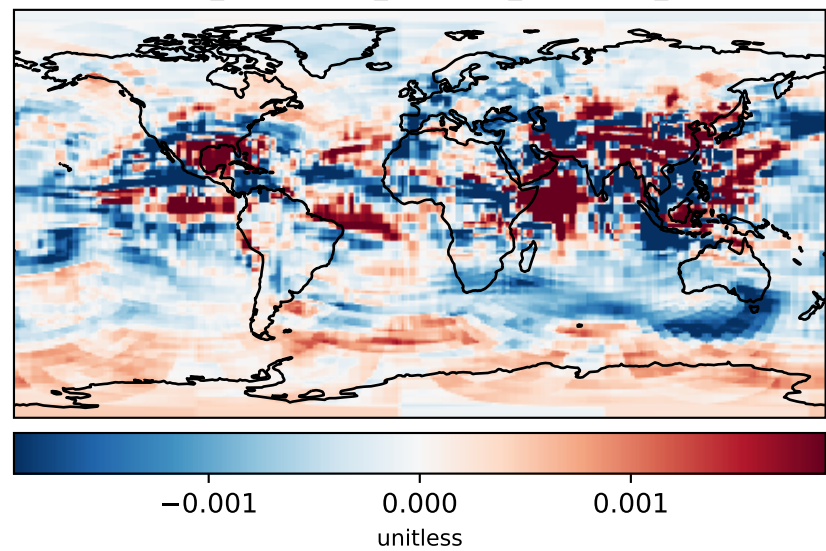
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

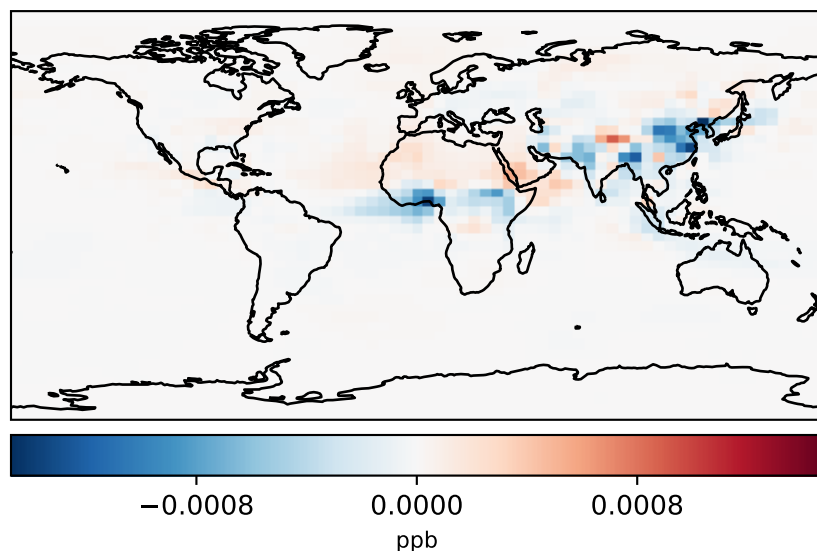


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

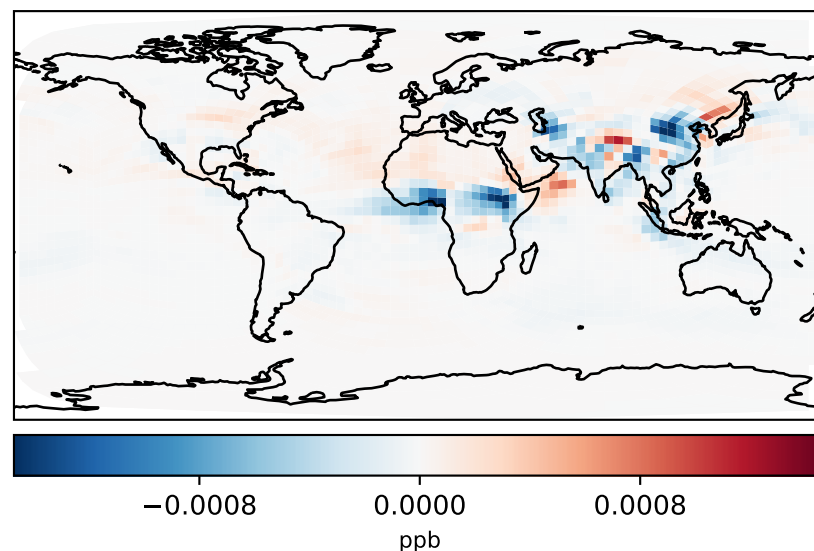


SpeciesConcVV_Simple_SOA

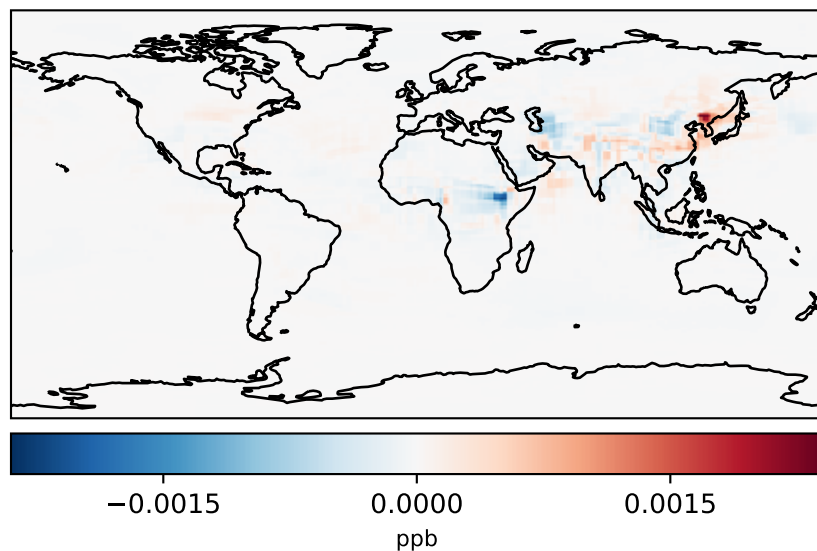
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



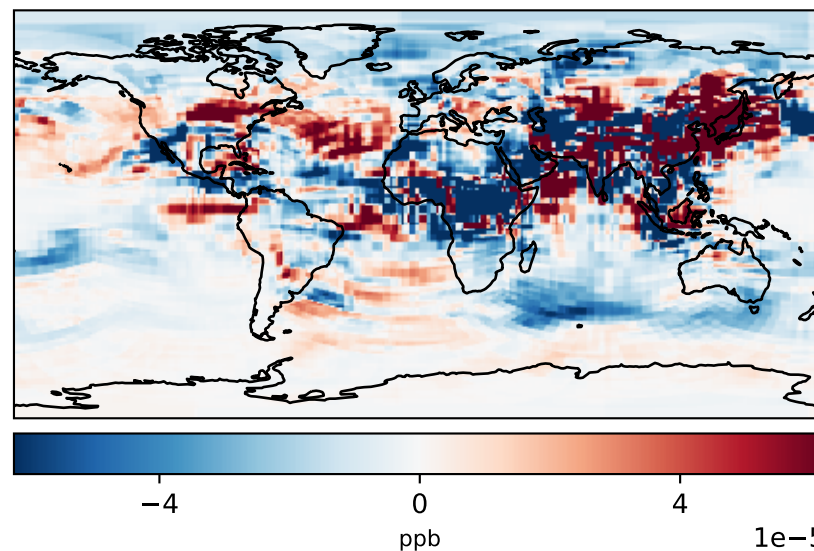
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



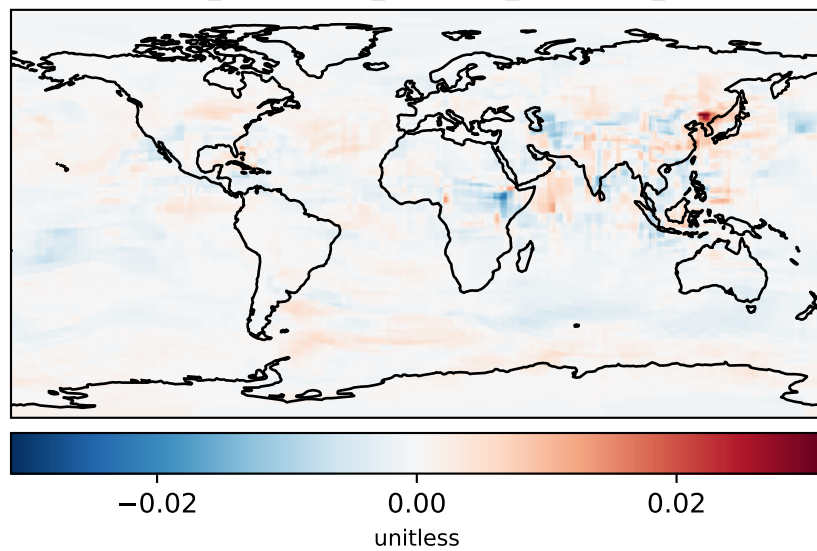
Difference (1x1.25)
Dev - Ref, Dynamic Range



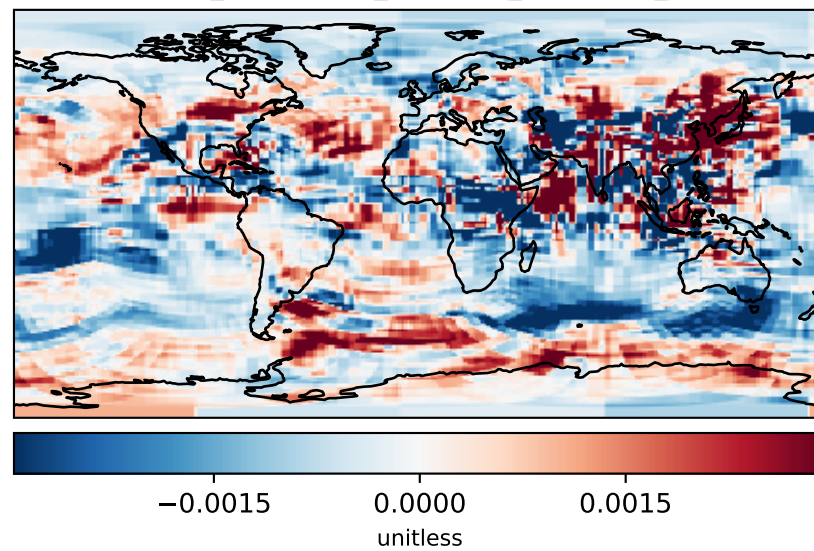
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

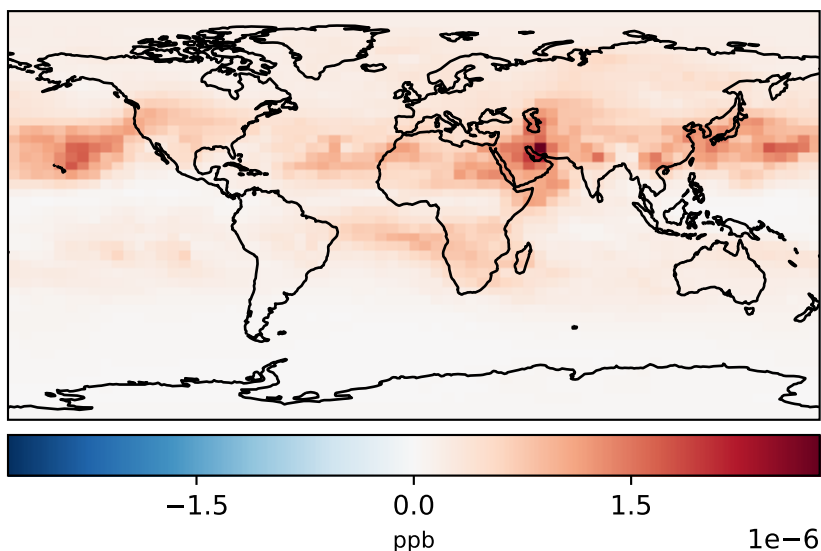


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

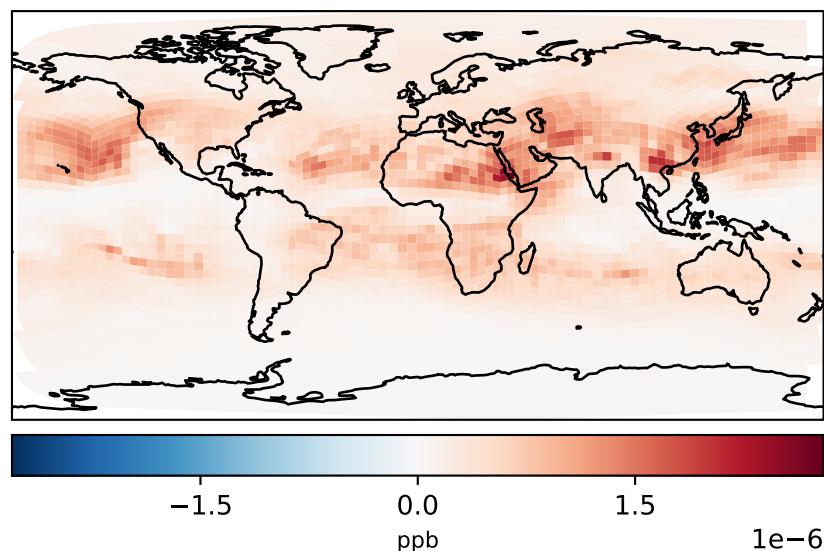


SpeciesConcVW_AERI

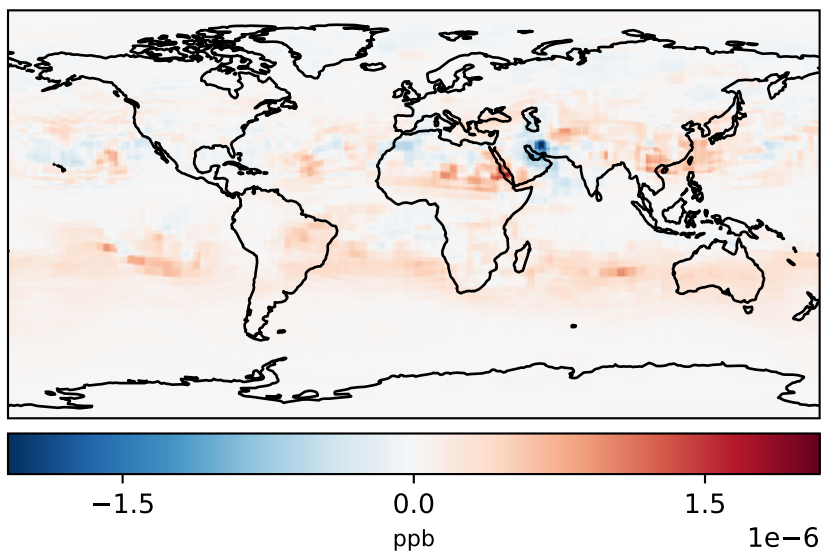
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



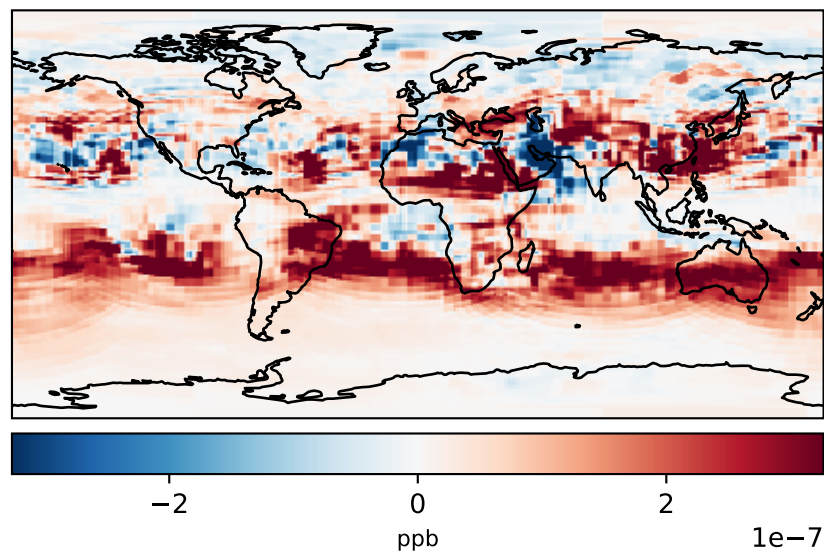
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



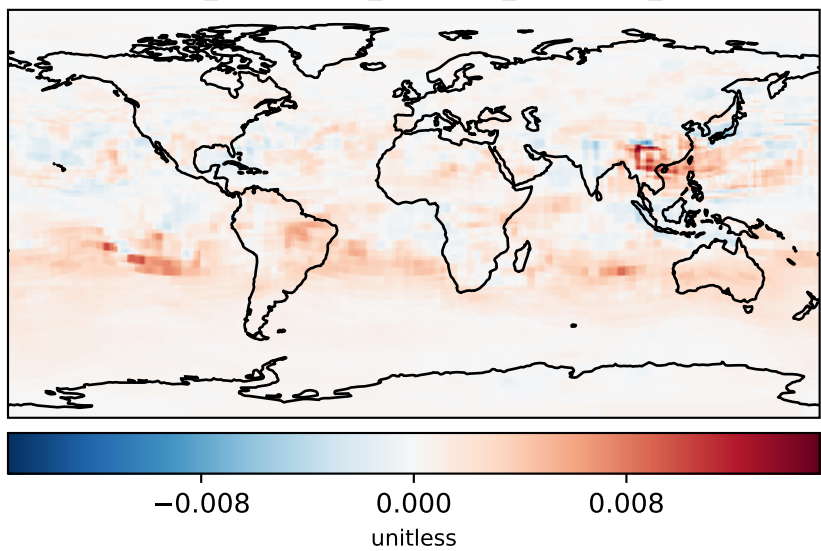
Difference (1x1.25)
Dev - Ref, Dynamic Range



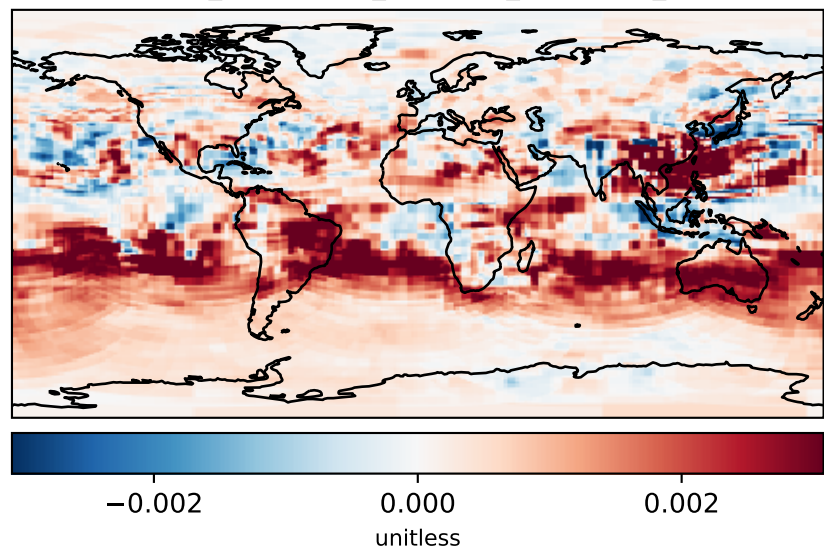
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

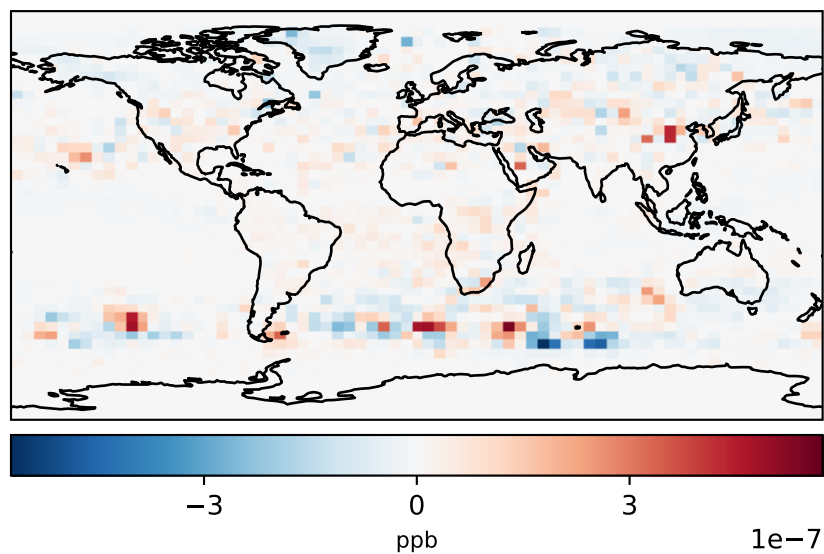


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

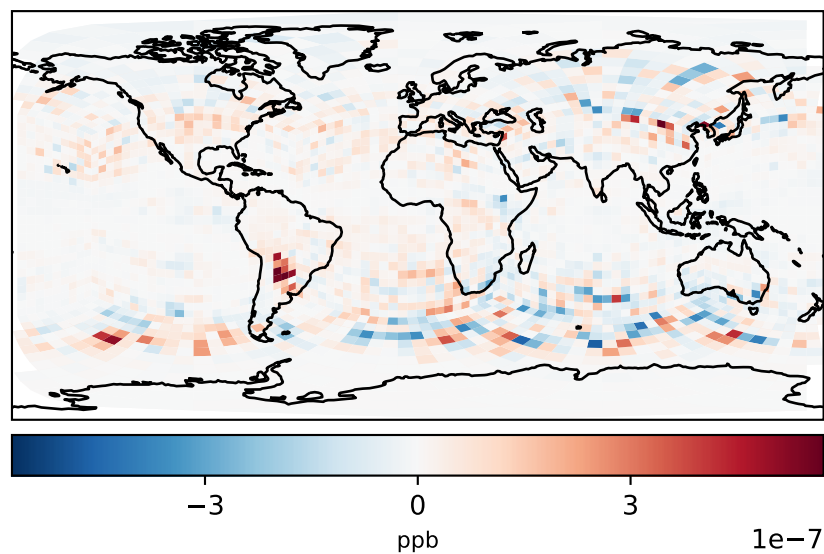


SpeciesConcVW_BrSALA

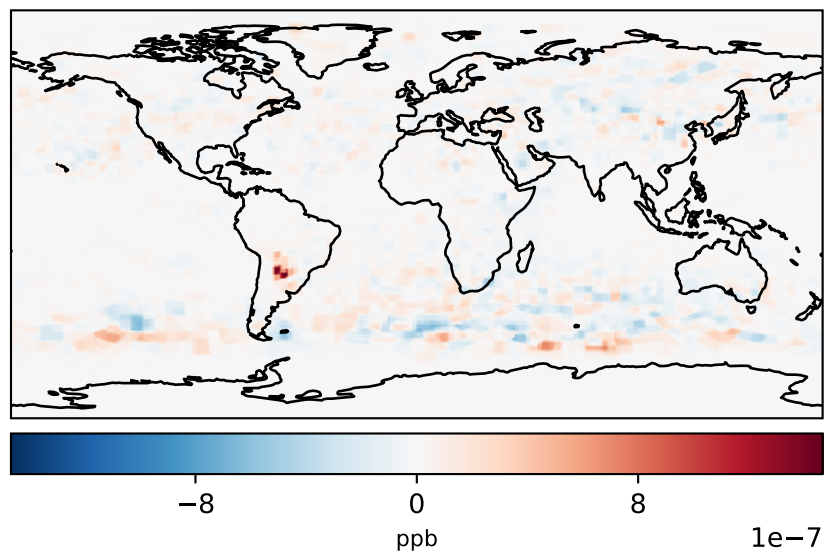
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



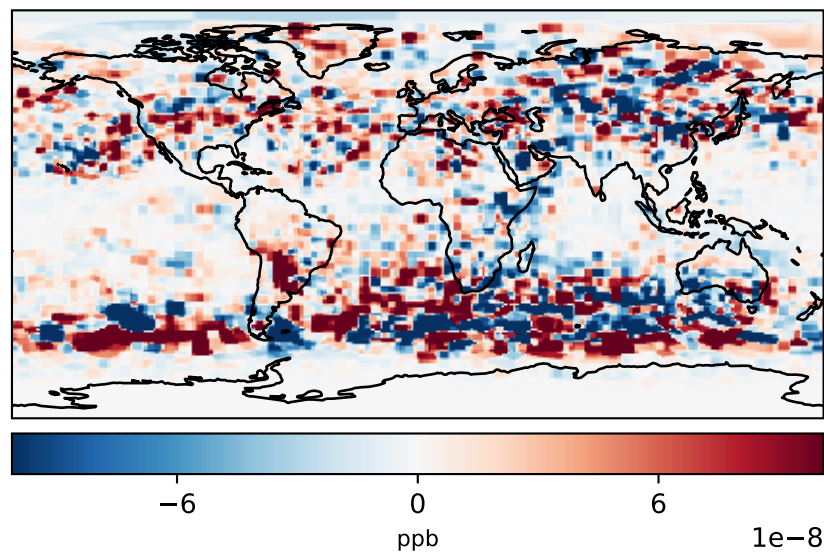
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



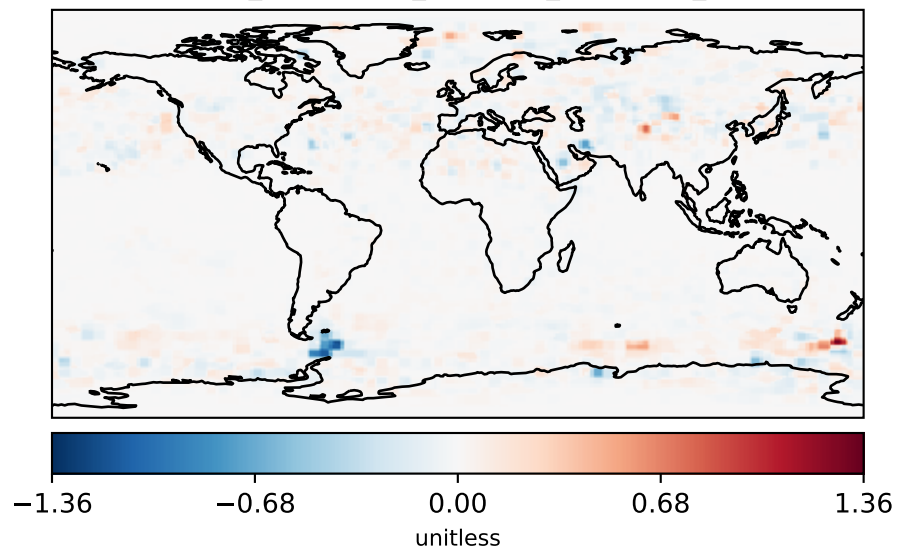
Difference (1x1.25)
Dev - Ref, Dynamic Range



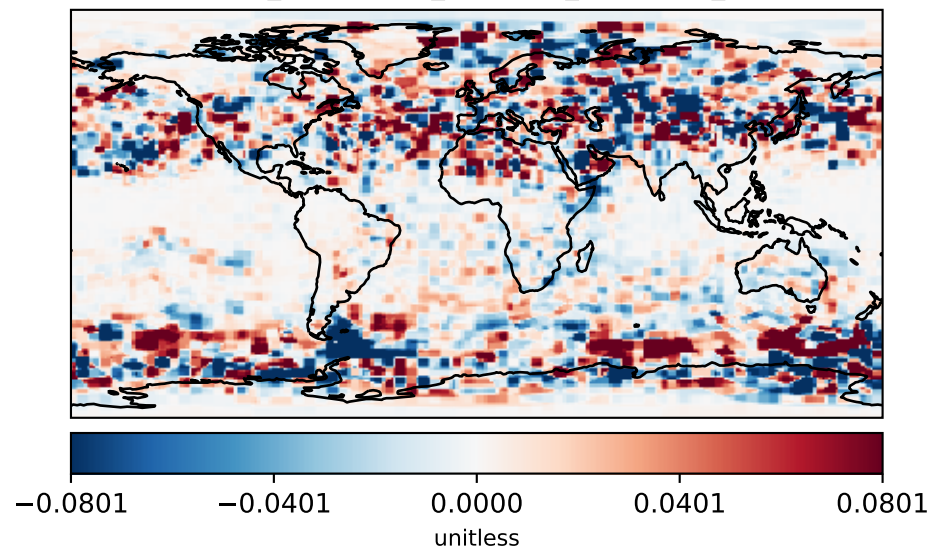
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

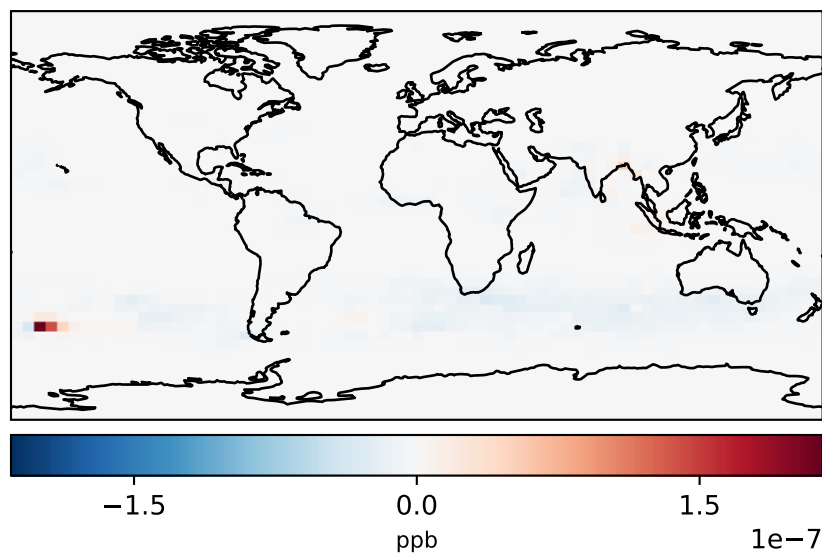


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

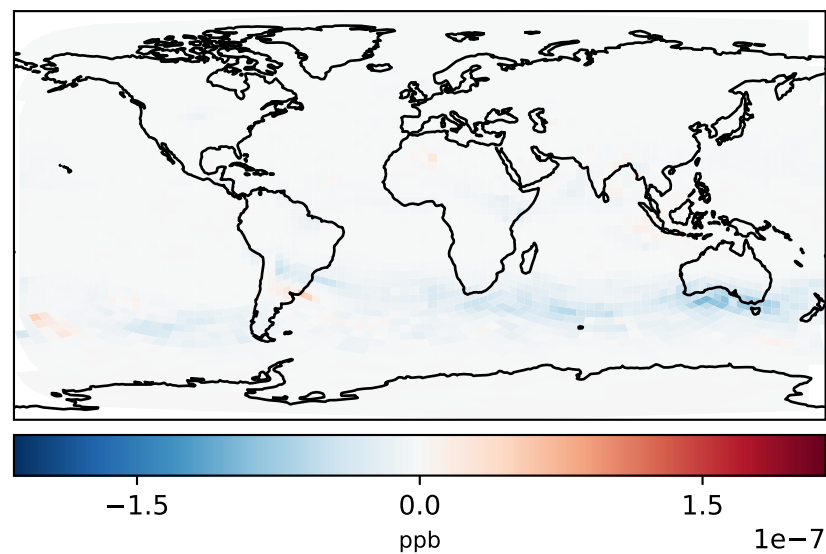


SpeciesConcVW_BrSALC

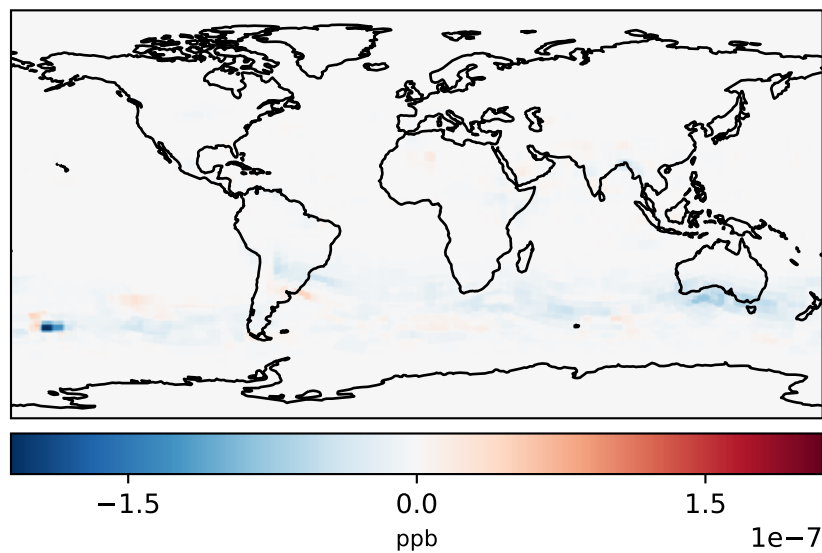
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



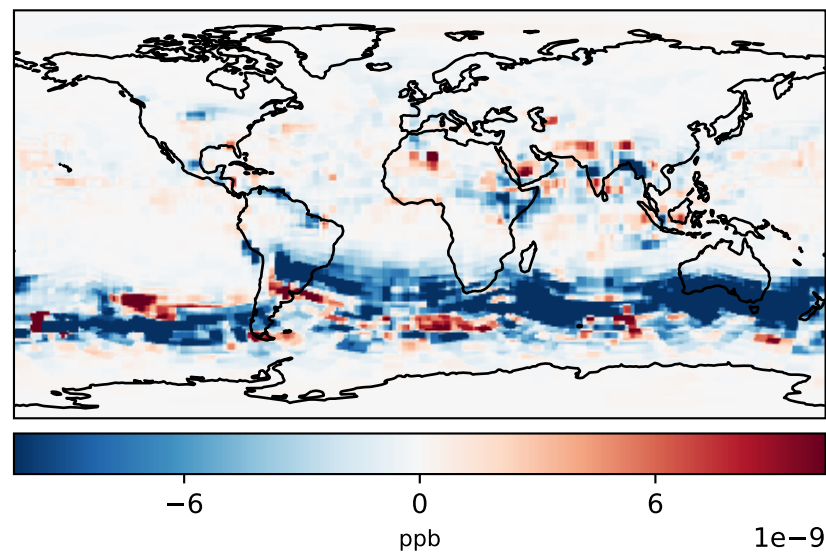
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



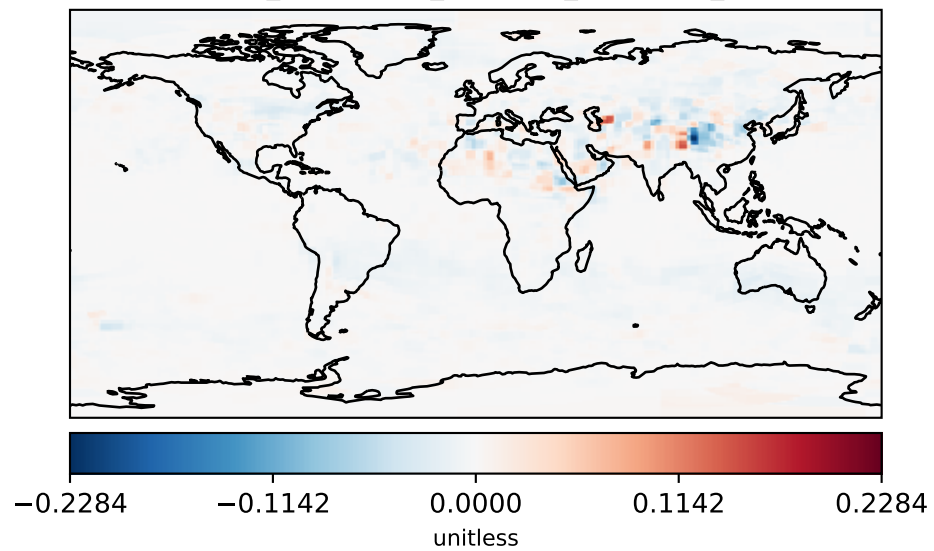
Difference (1x1.25)
Dev - Ref, Dynamic Range



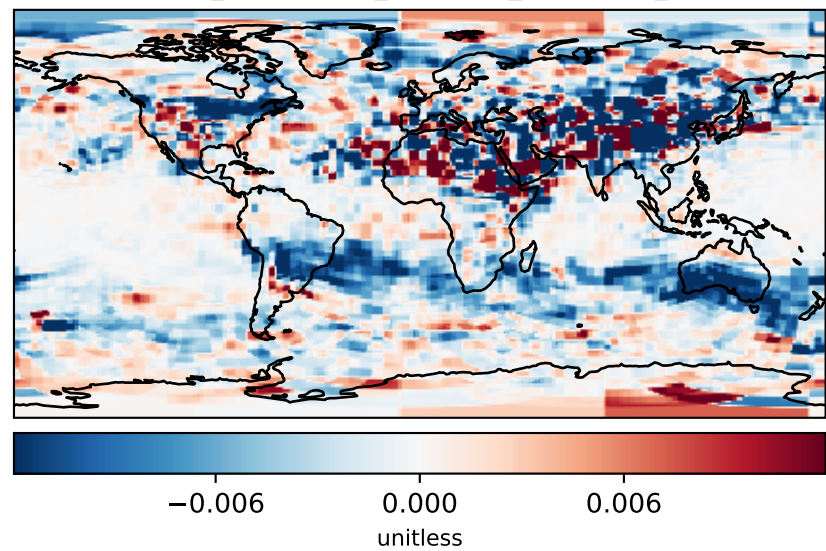
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

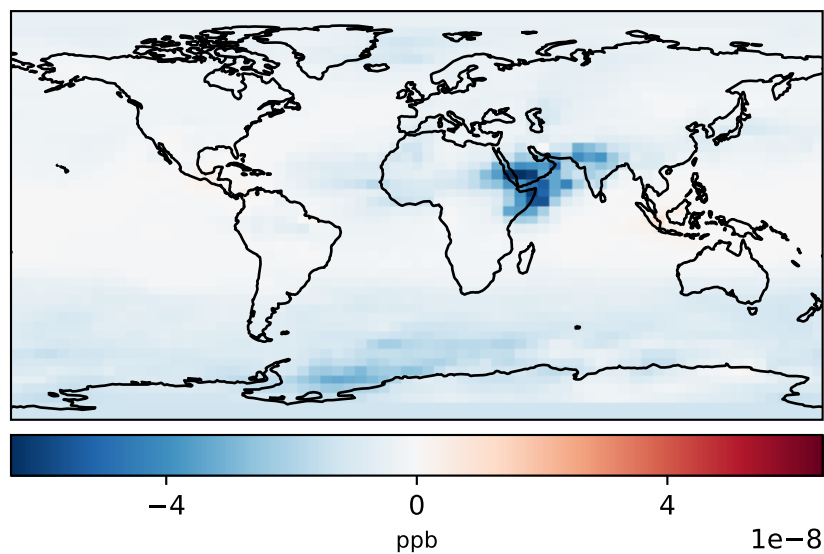


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

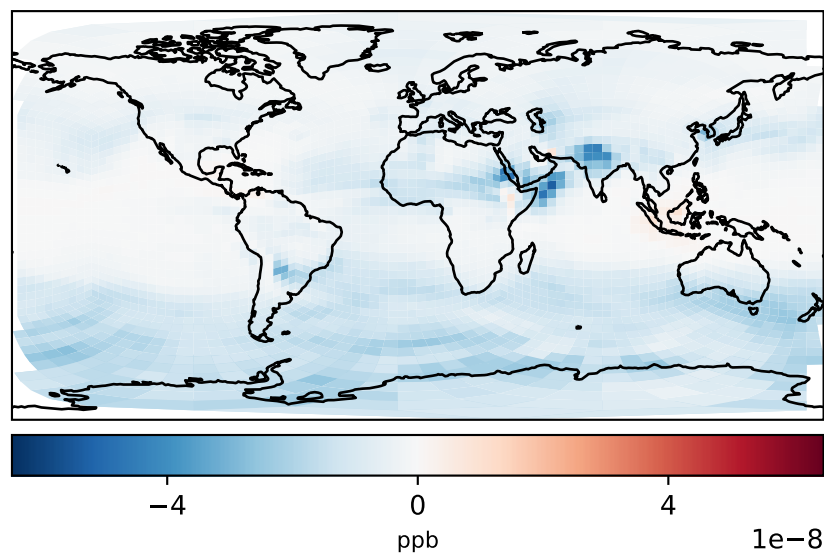


SpeciesConcVV_ISALA

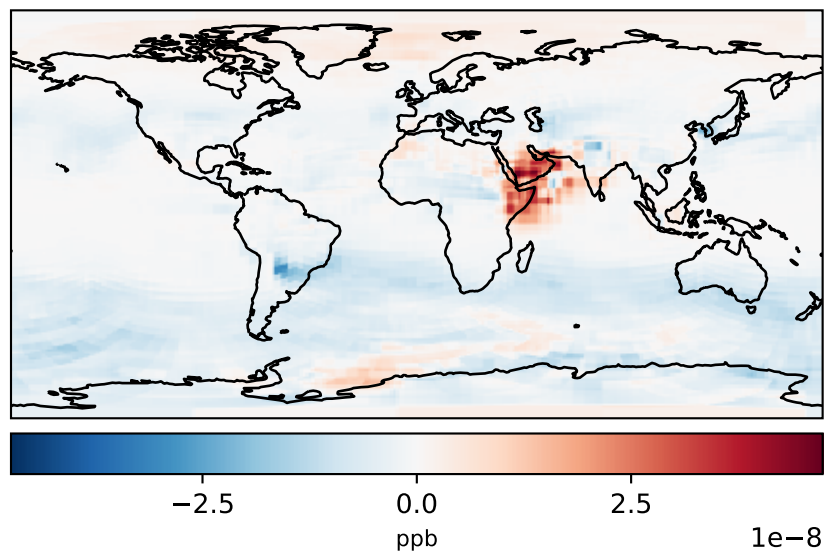
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



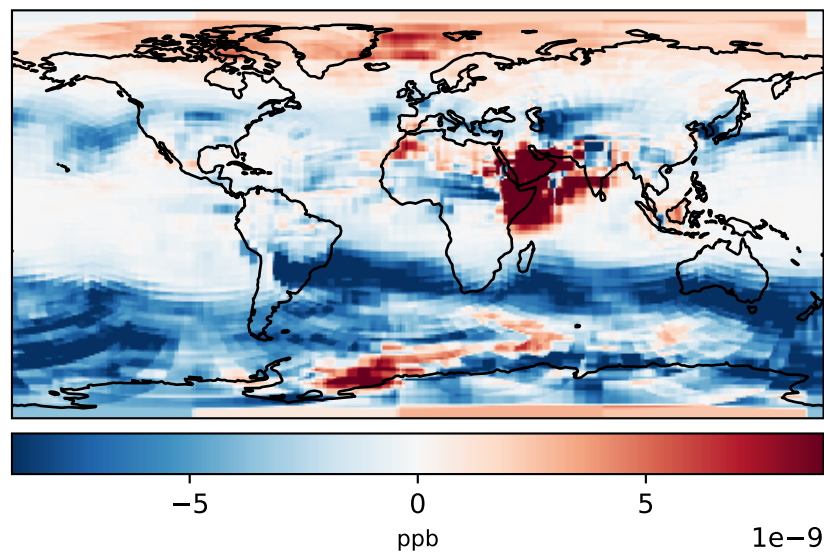
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



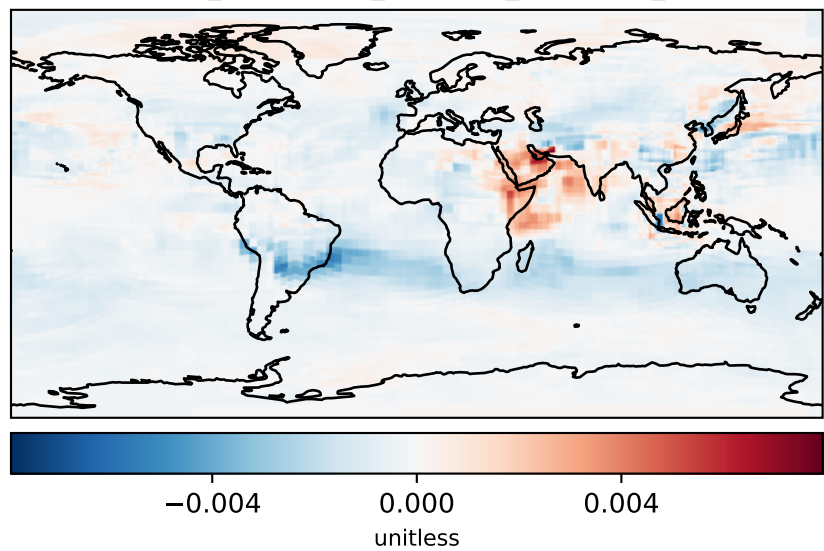
Difference (1x1.25)
Dev - Ref, Dynamic Range



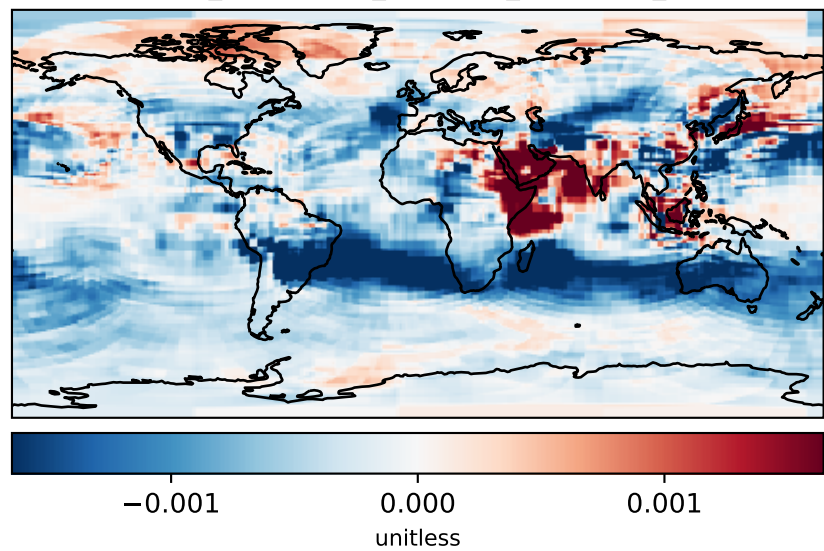
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

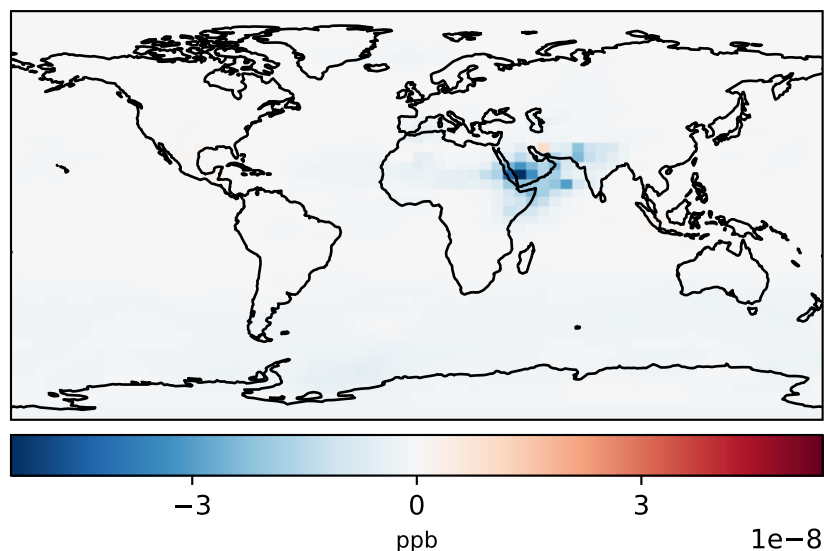


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

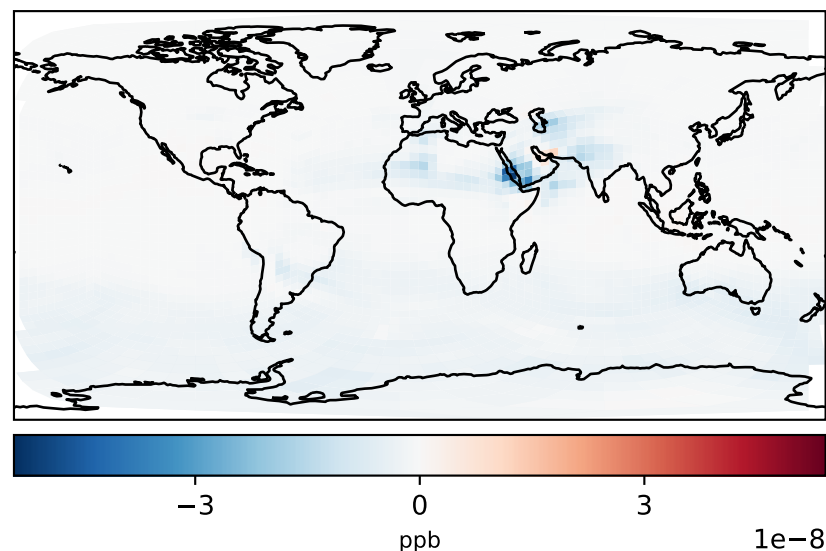


SpeciesConcVV_ISALC

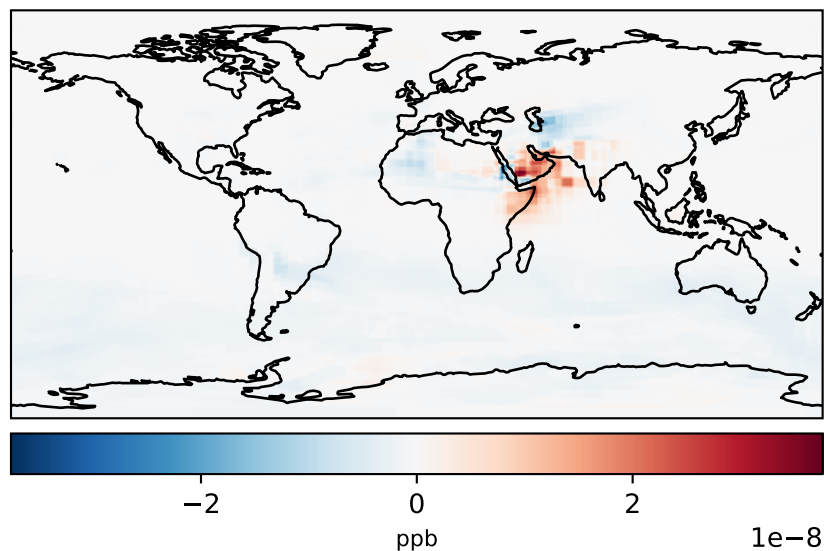
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



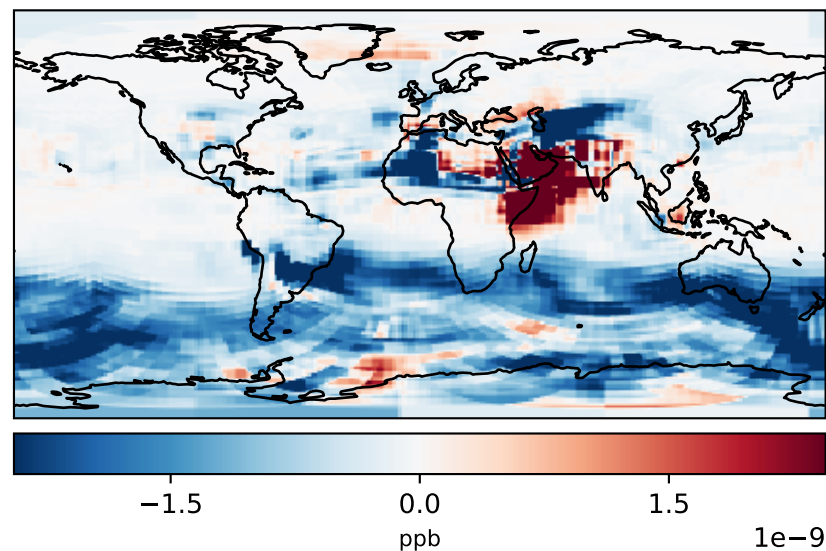
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



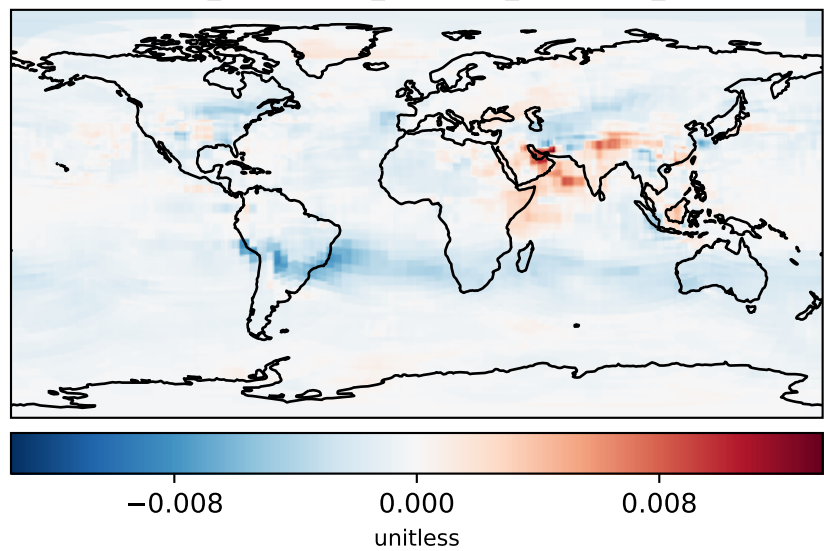
Difference (1x1.25)
Dev - Ref, Dynamic Range



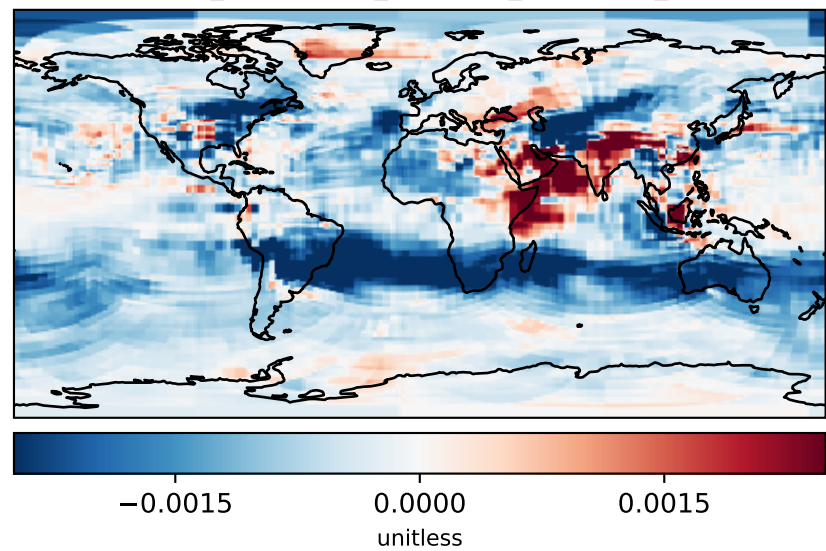
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



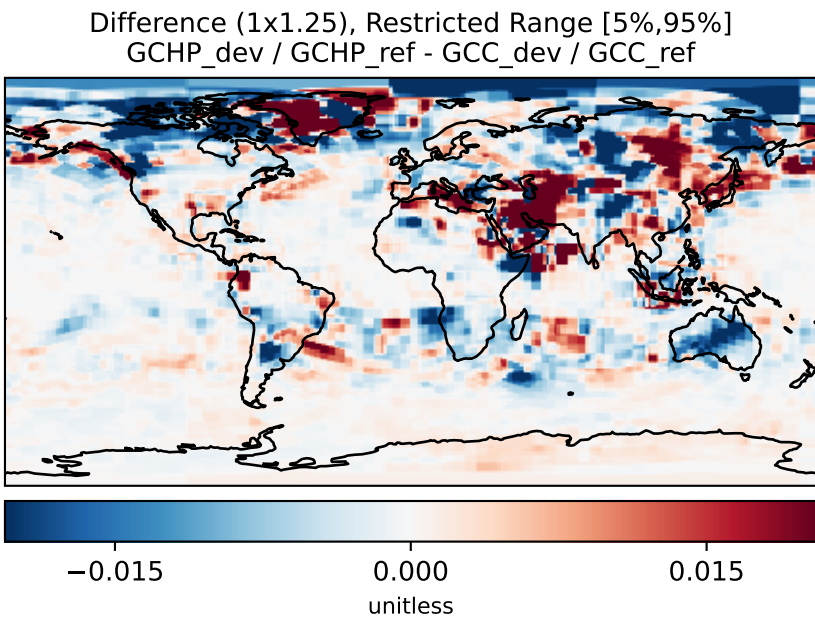
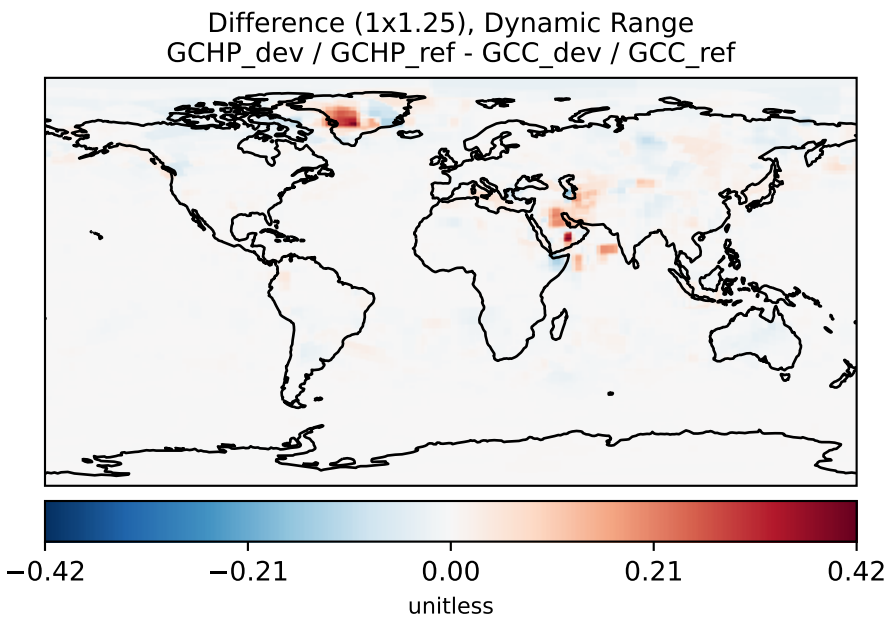
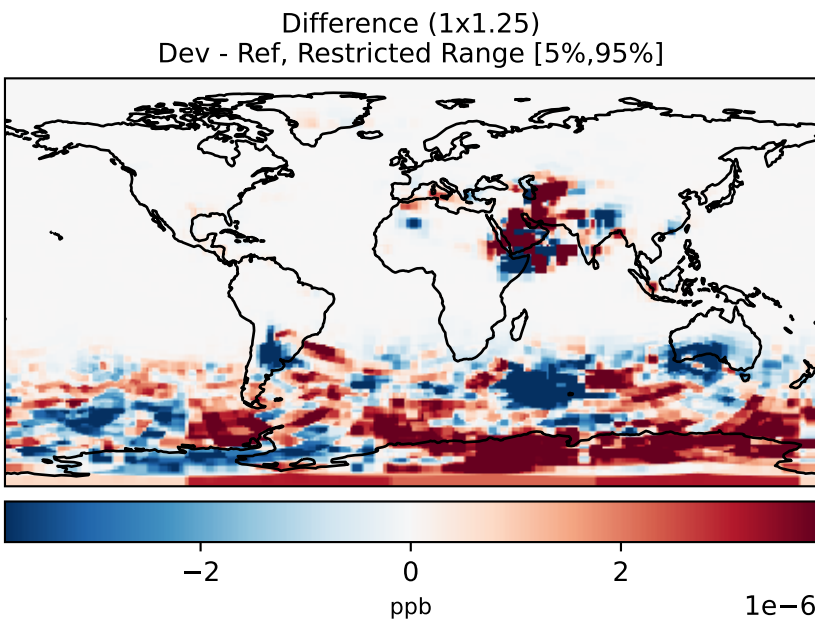
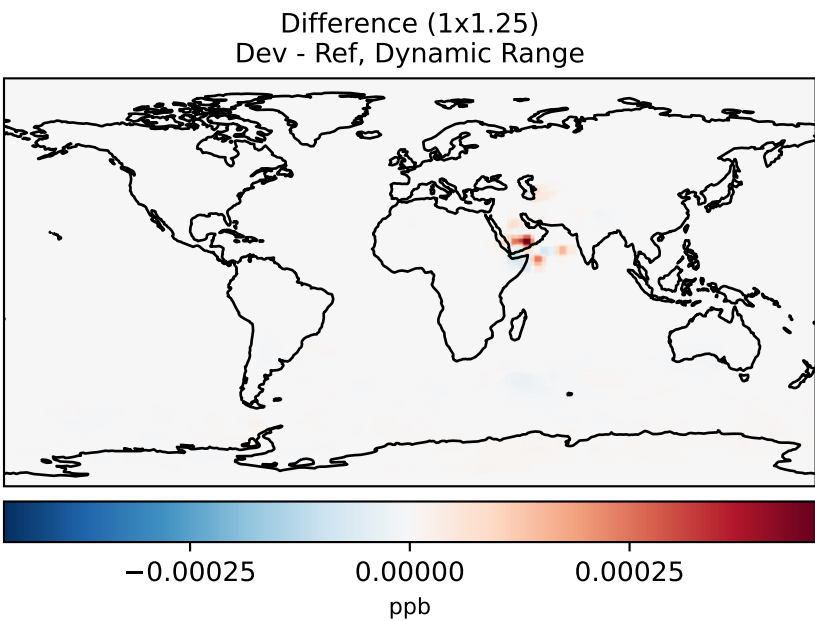
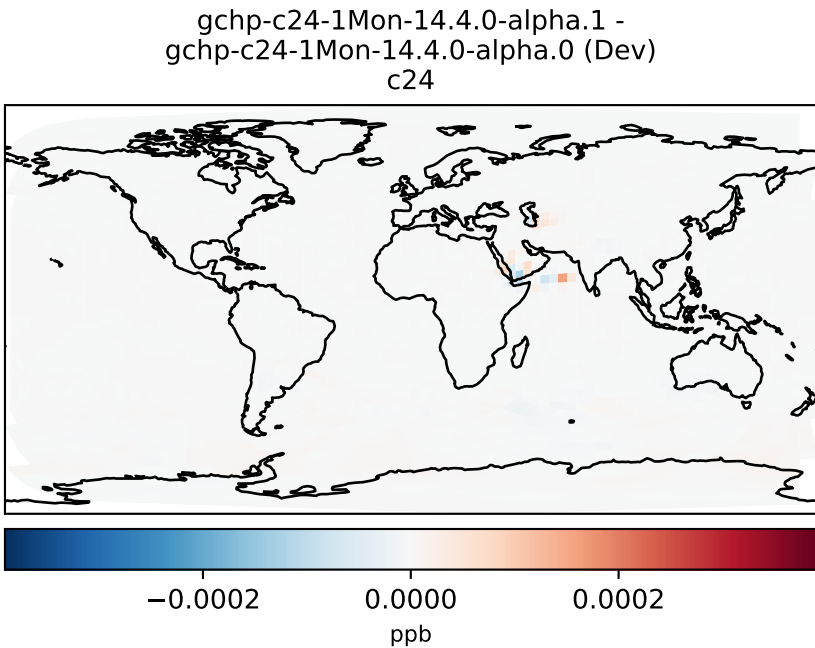
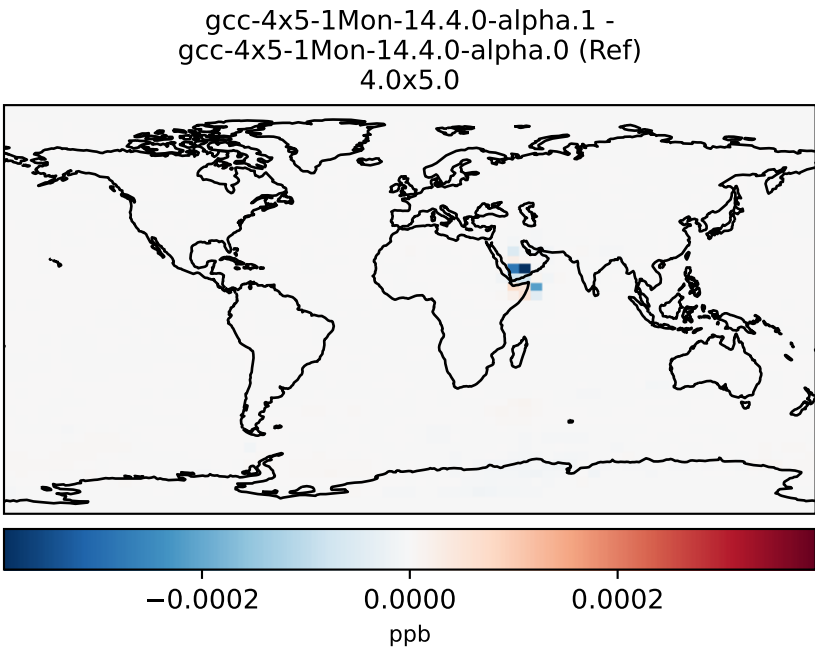
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



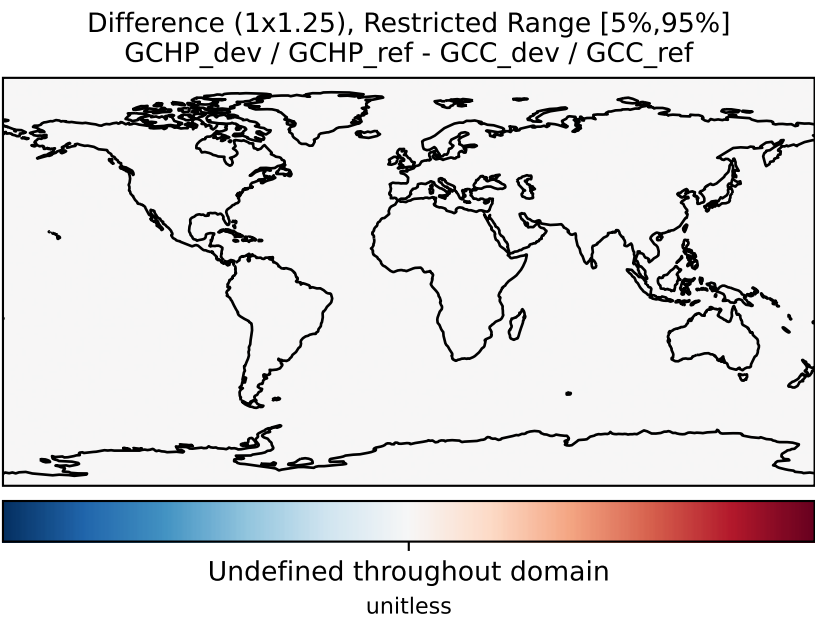
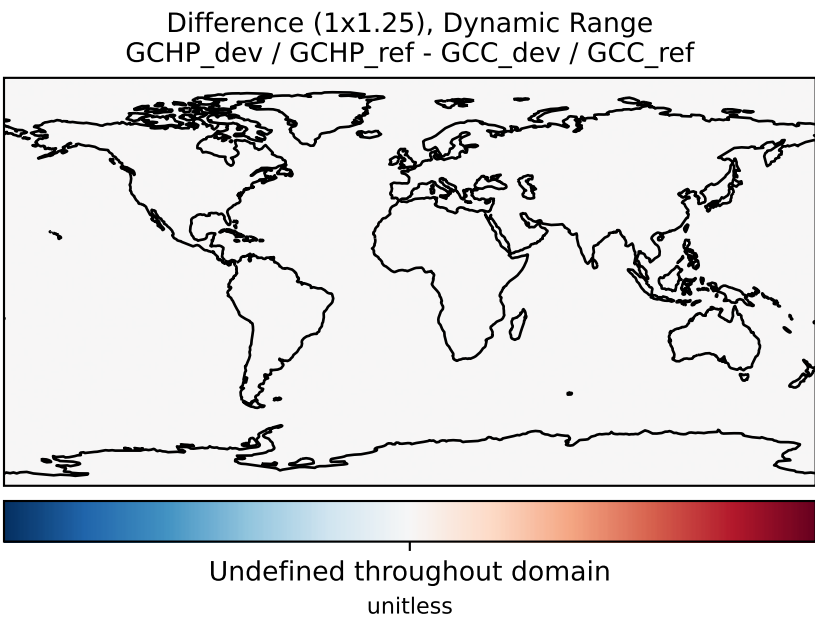
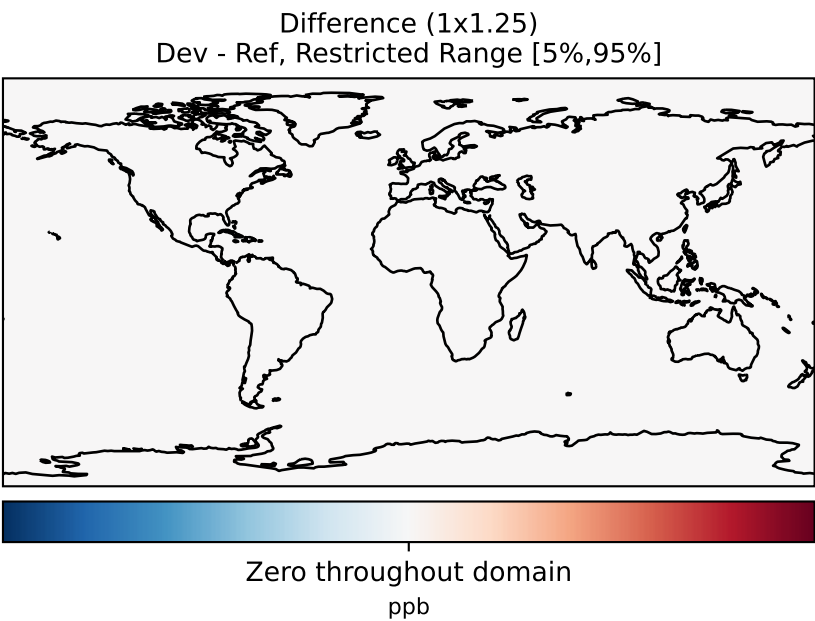
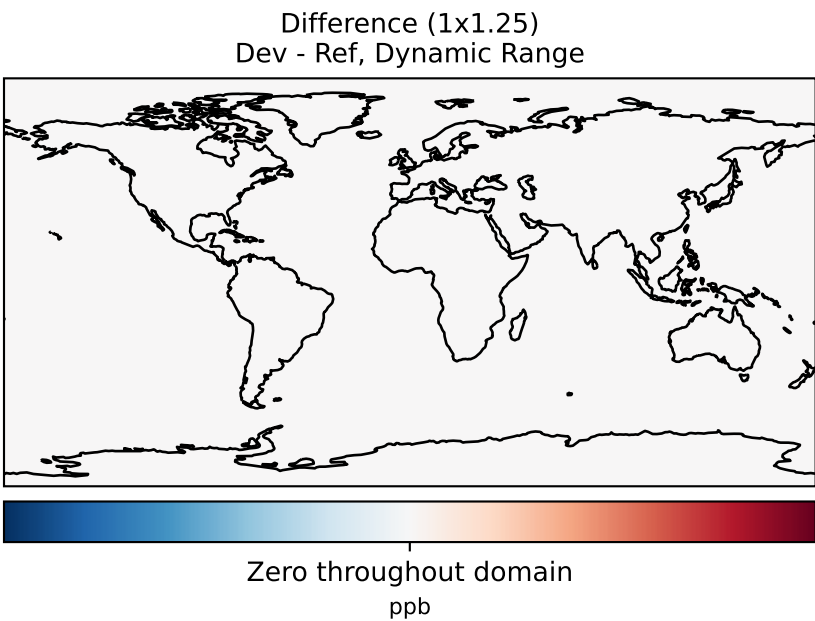
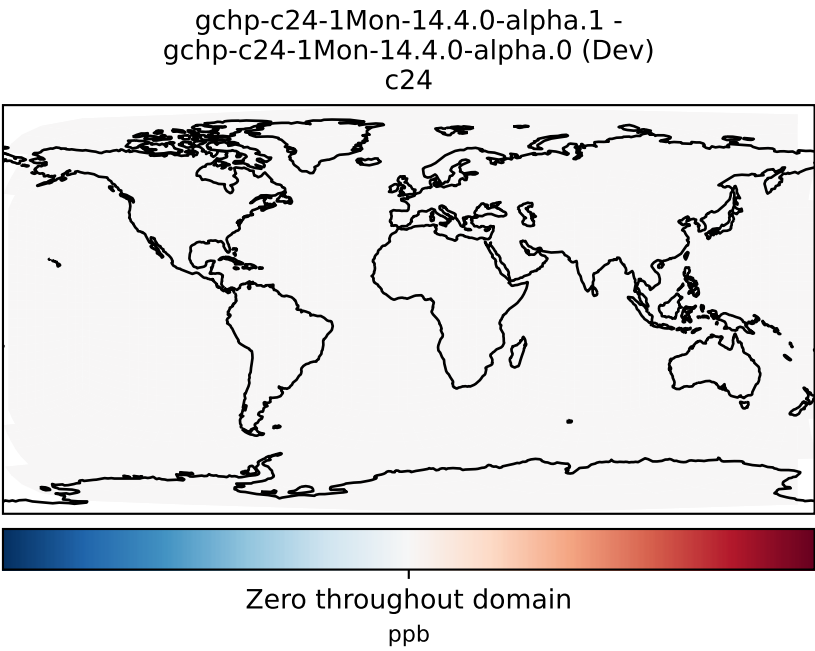
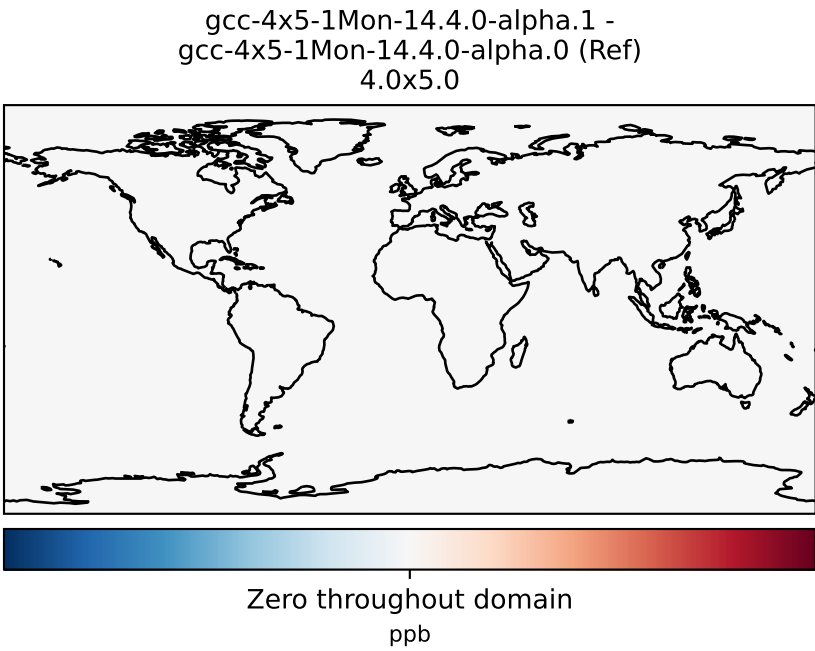
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



SpeciesConcVV_NITs

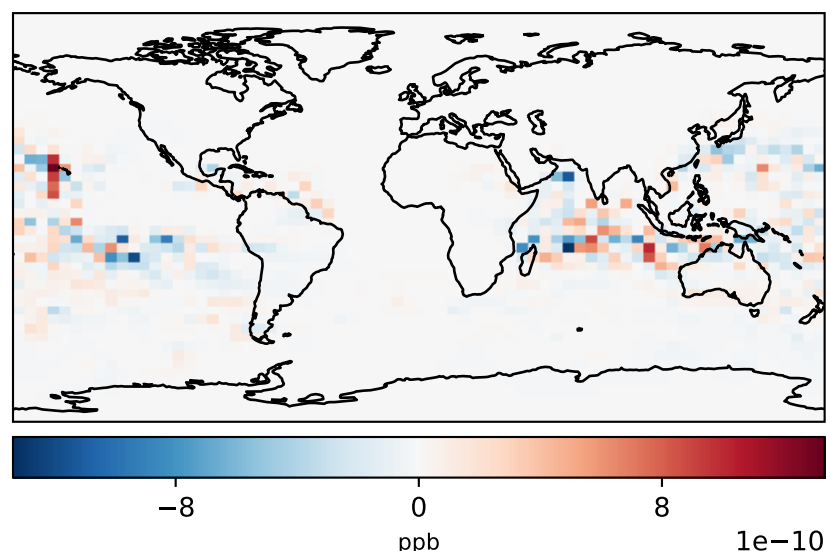


SpeciesConcVV_SALA

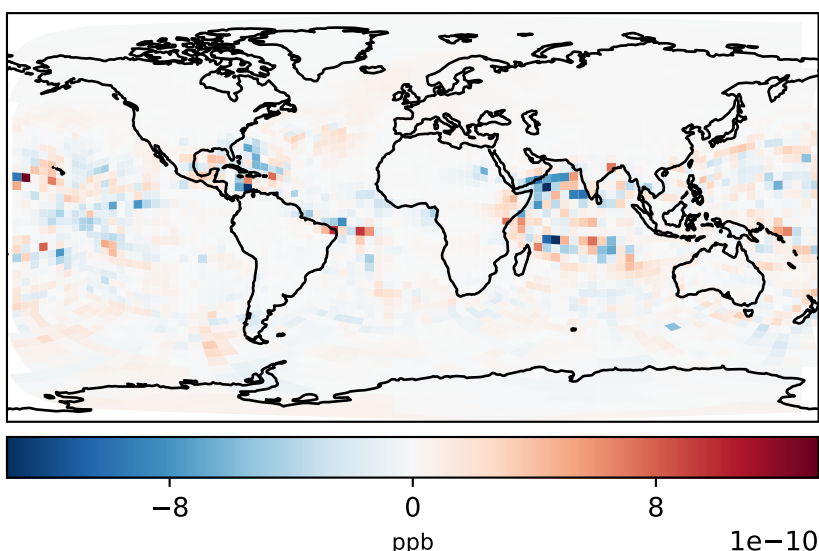


SpeciesConcVV_SALAAL

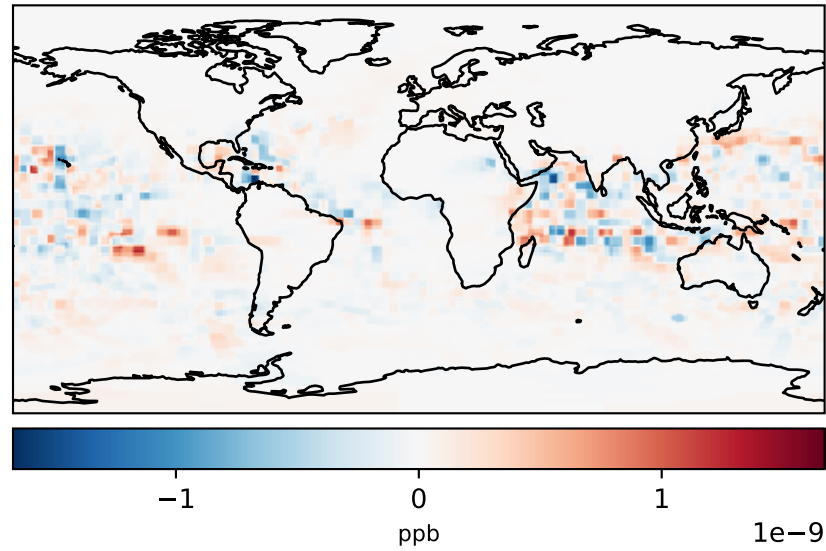
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



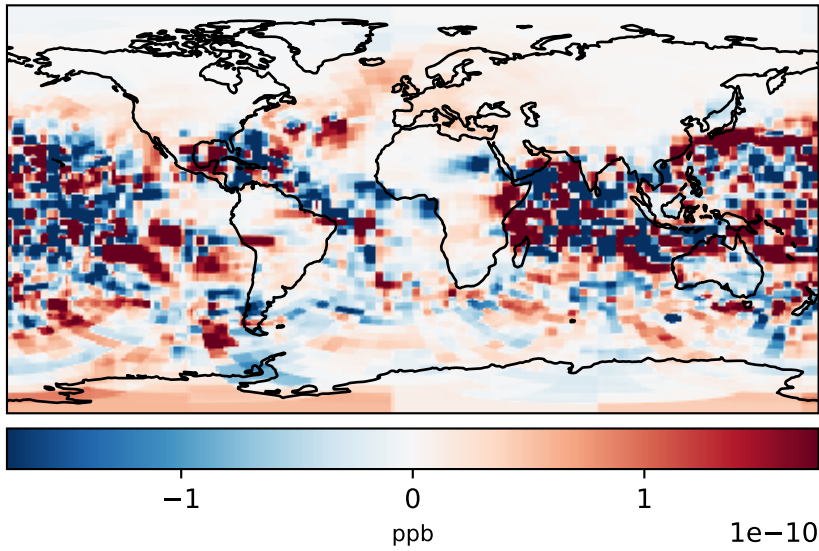
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



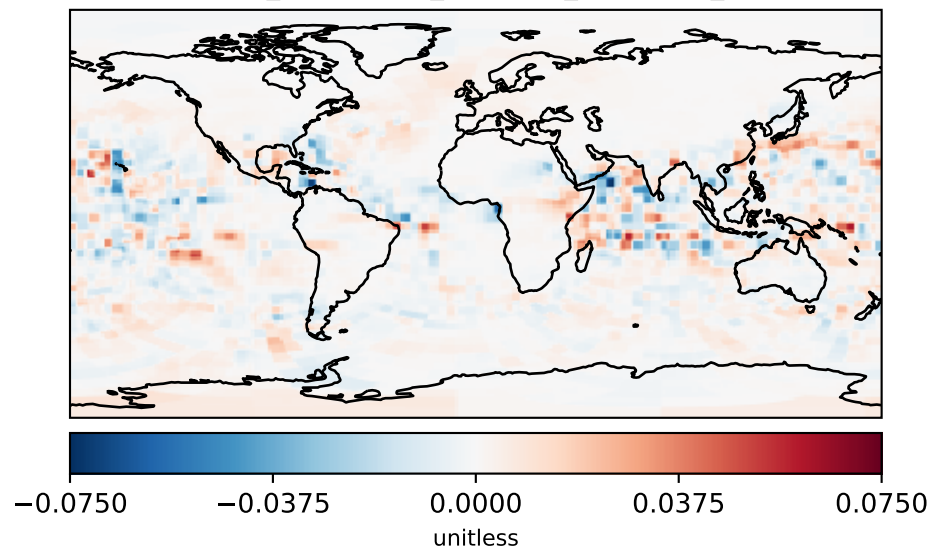
Difference (1x1.25)
Dev - Ref, Dynamic Range



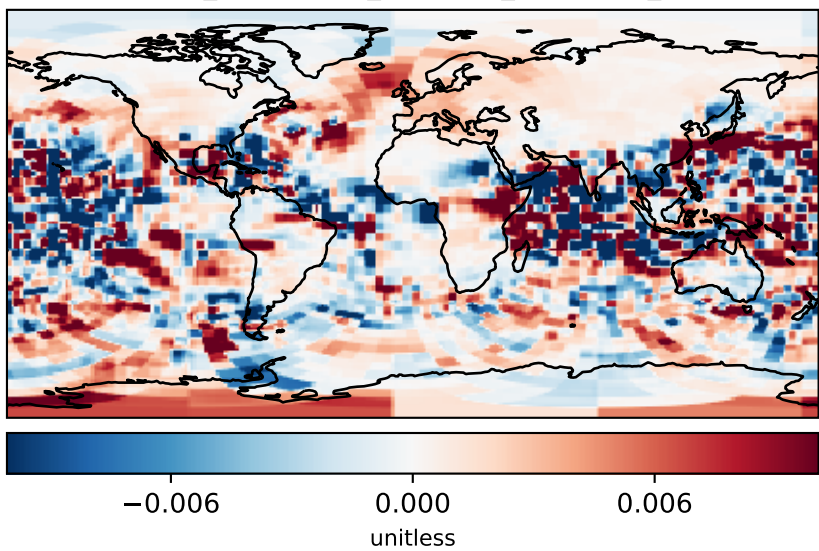
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

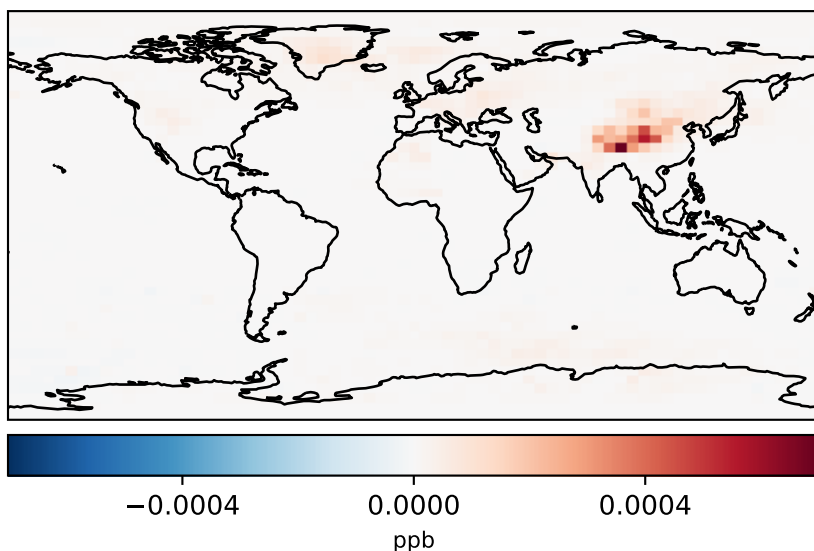


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

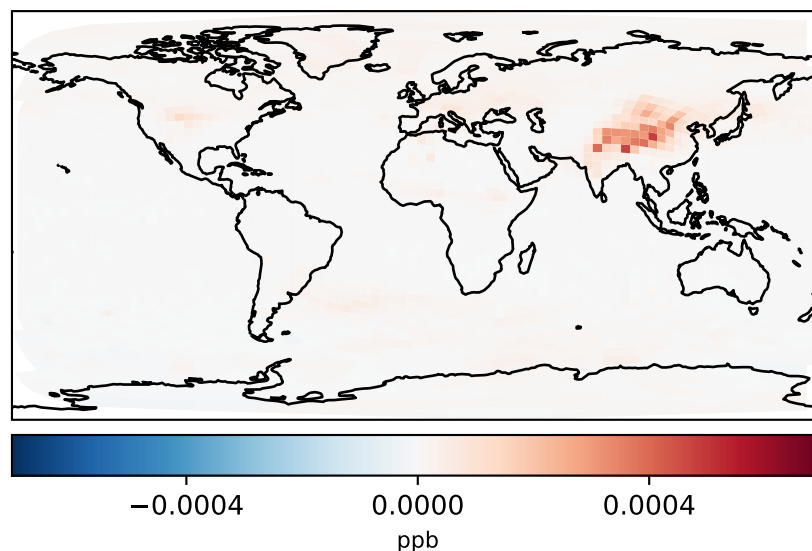


SpeciesConcVV_SALACL

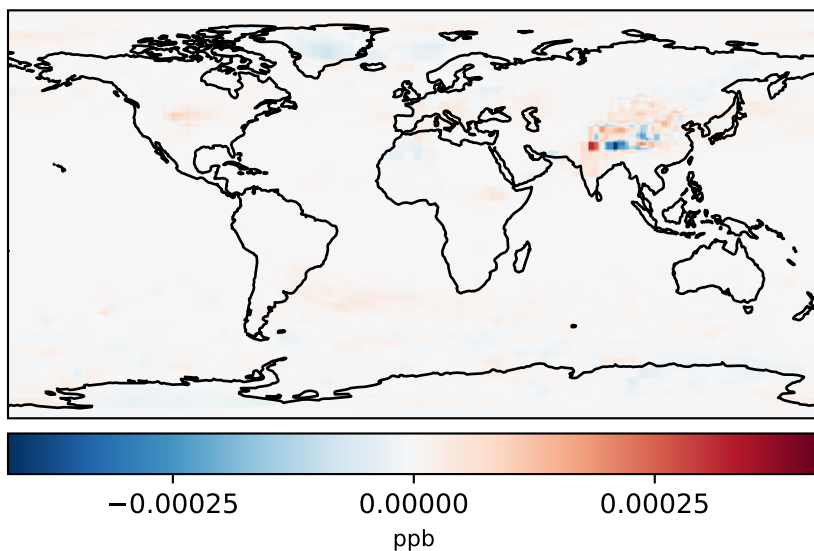
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



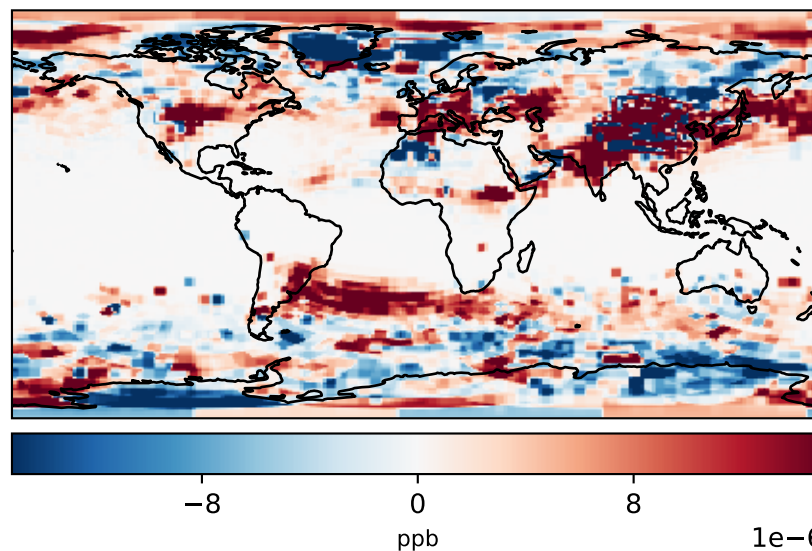
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



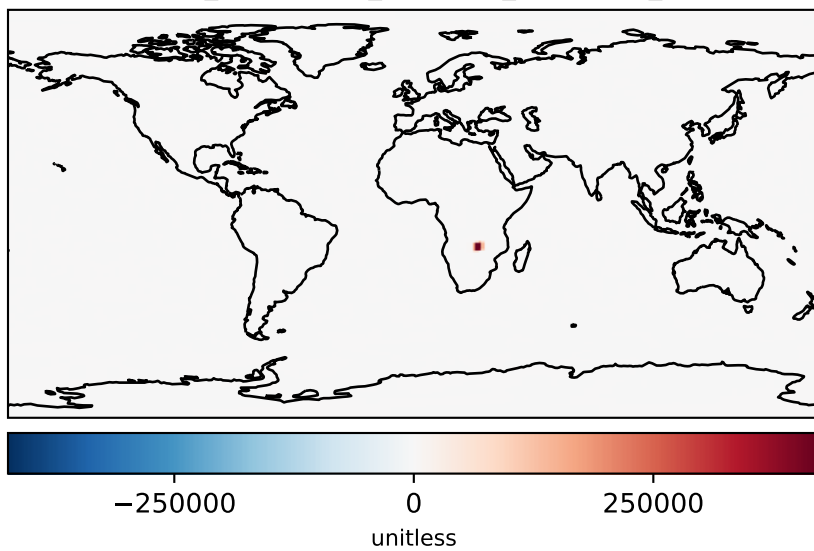
Difference (1x1.25)
Dev - Ref, Dynamic Range



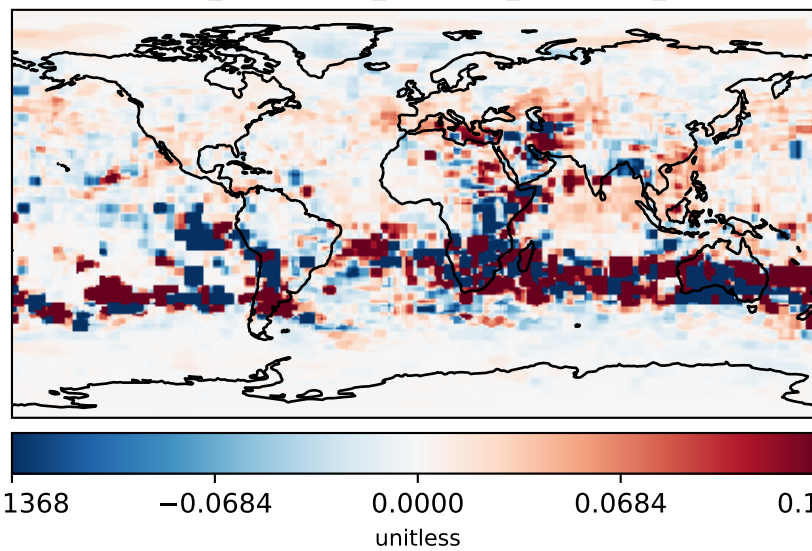
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



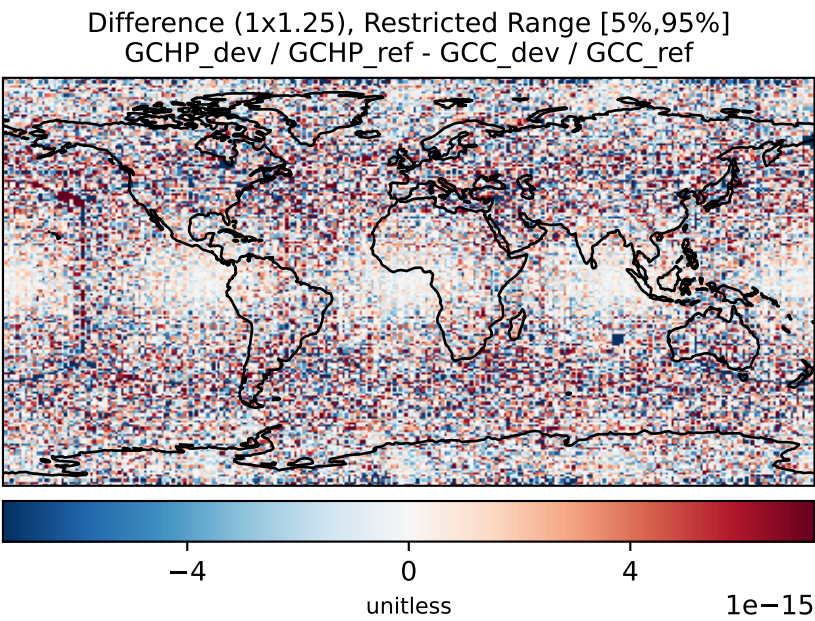
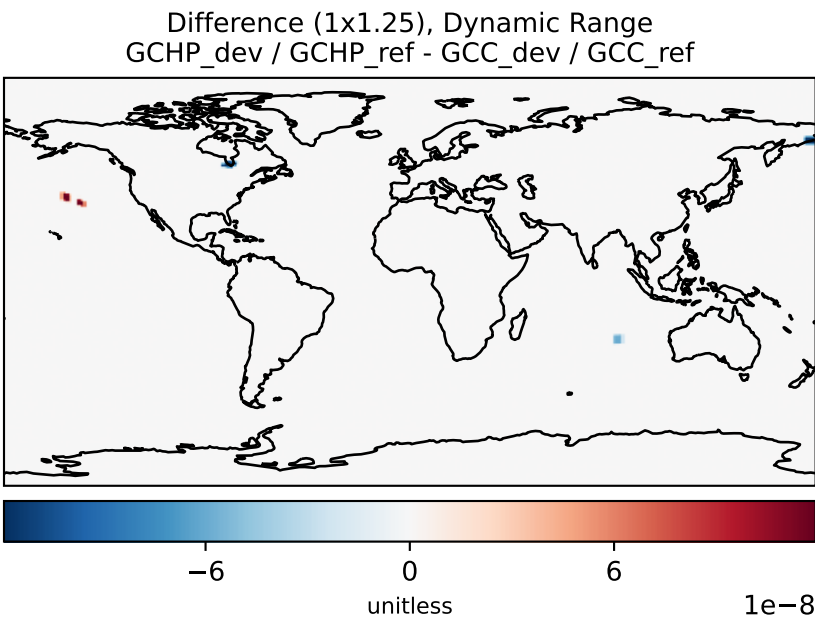
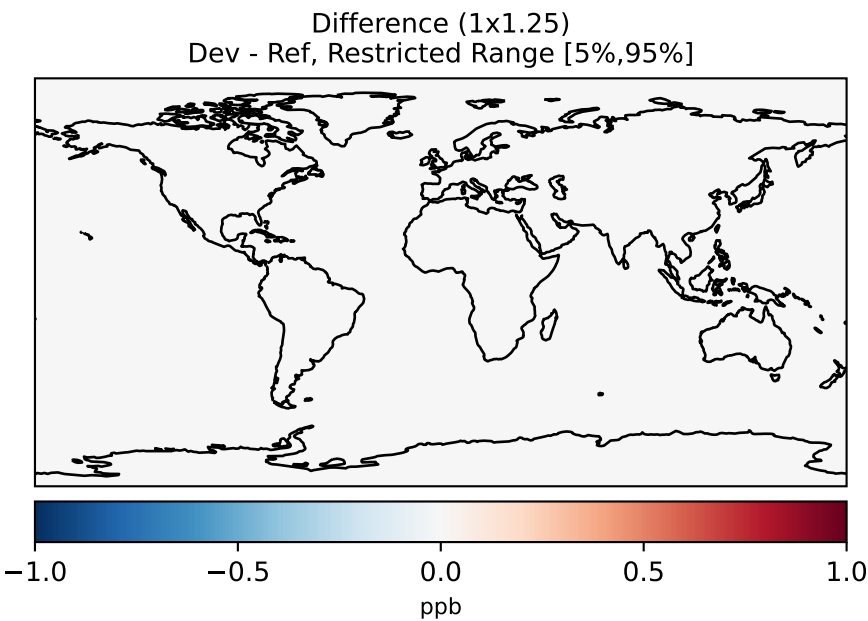
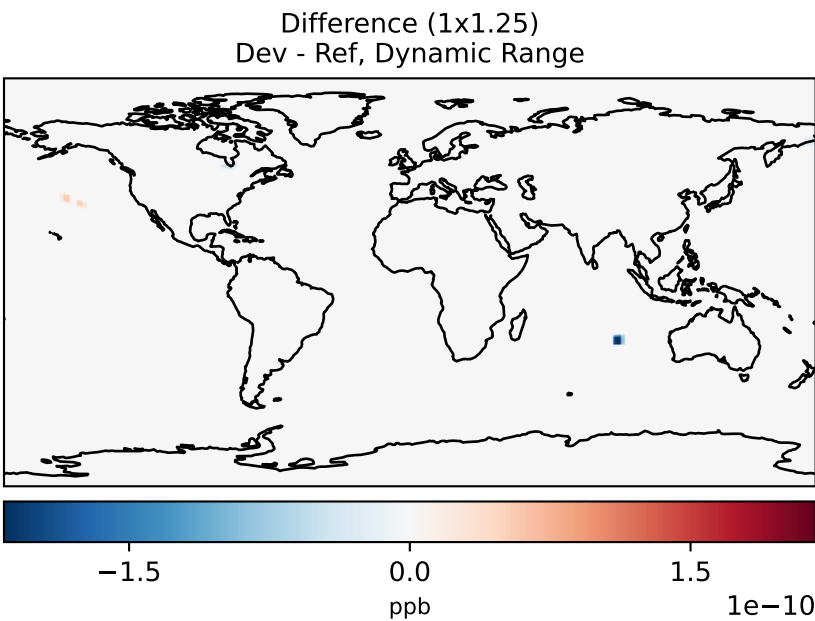
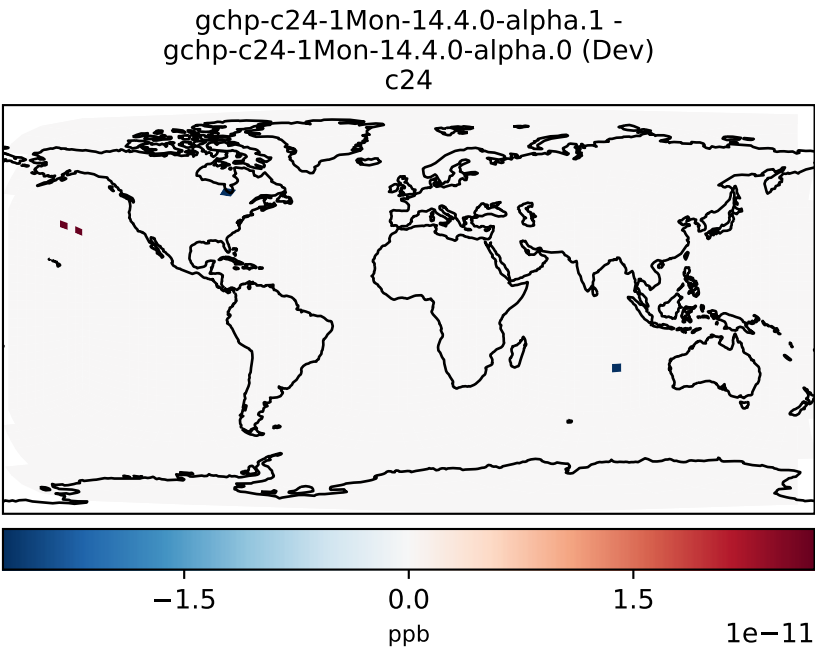
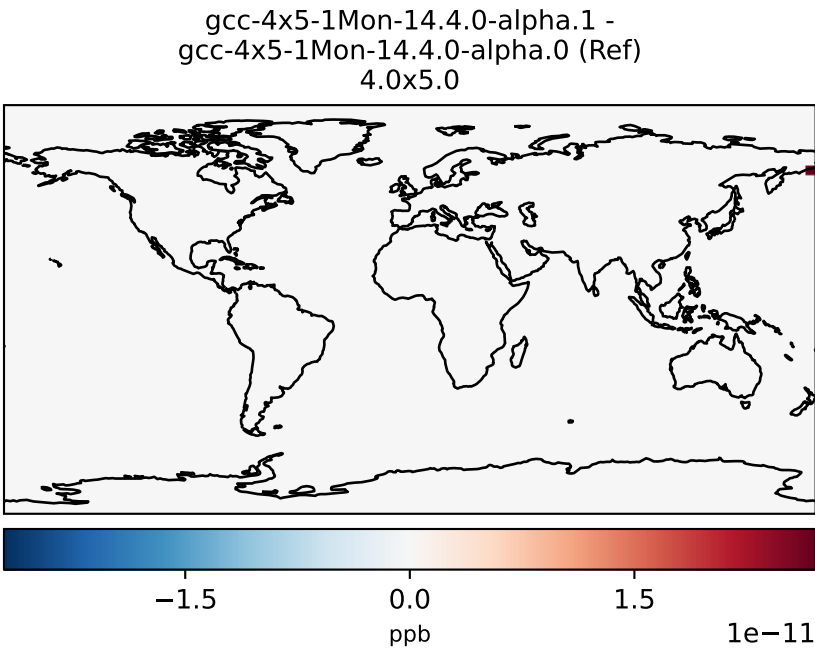
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

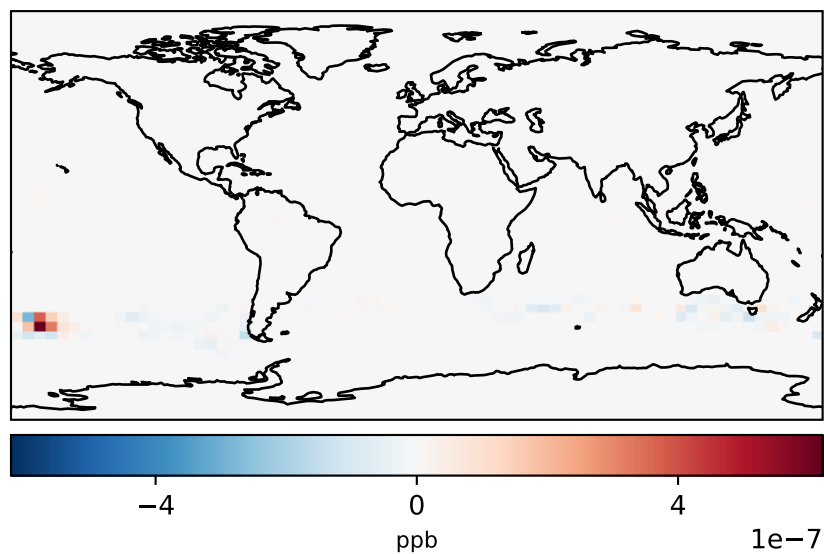


SpeciesConcVV_SALC

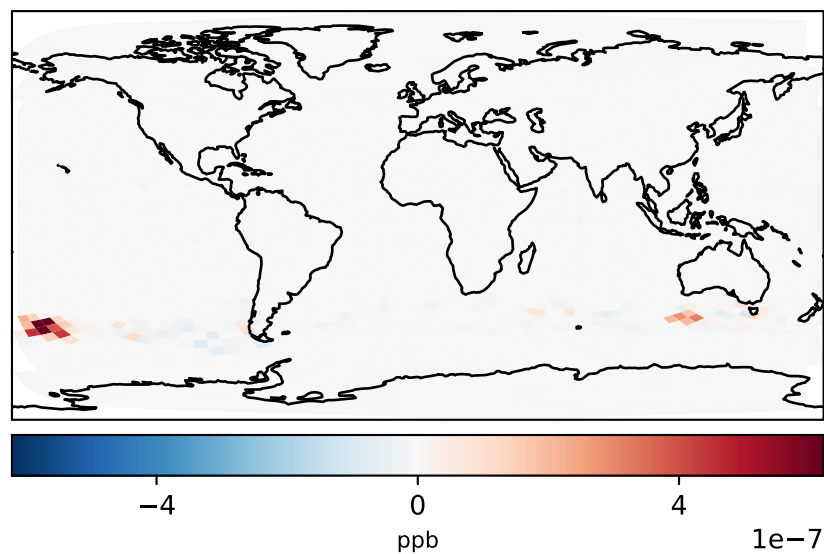


SpeciesConcVV_SALCAL

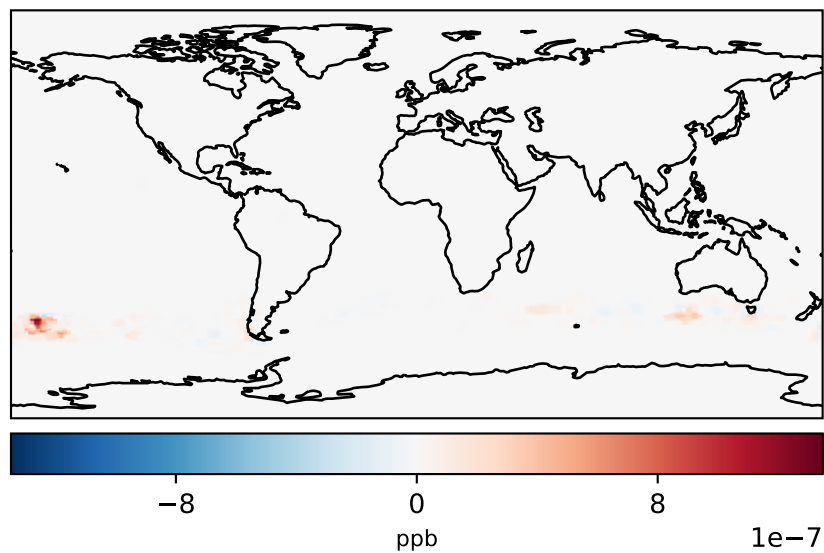
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



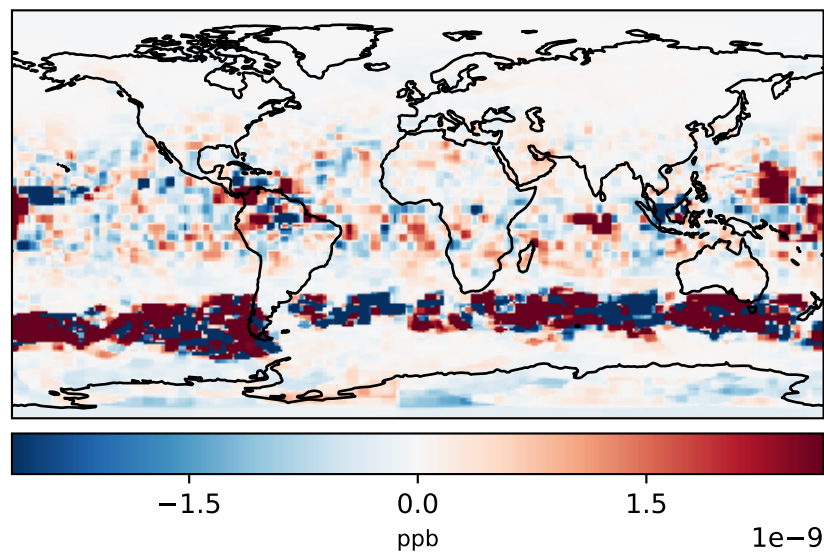
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



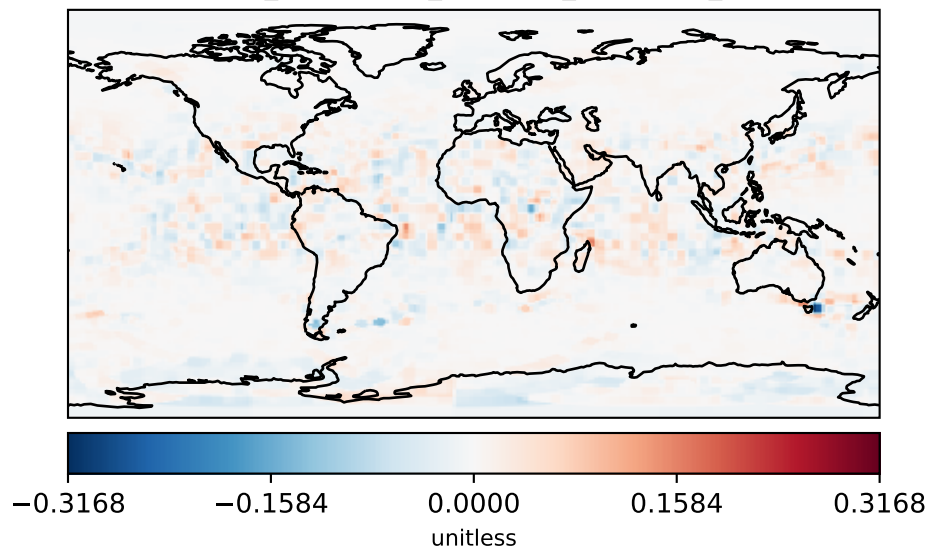
Difference (1x1.25)
Dev - Ref, Dynamic Range



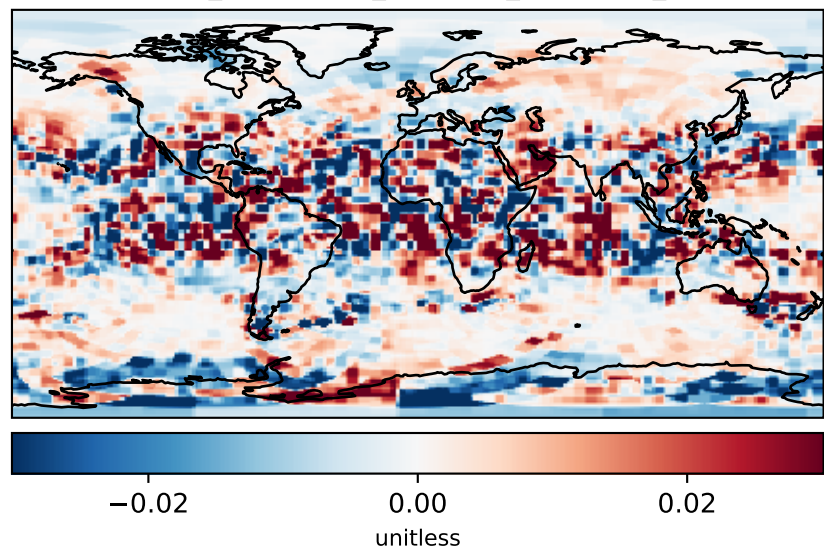
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

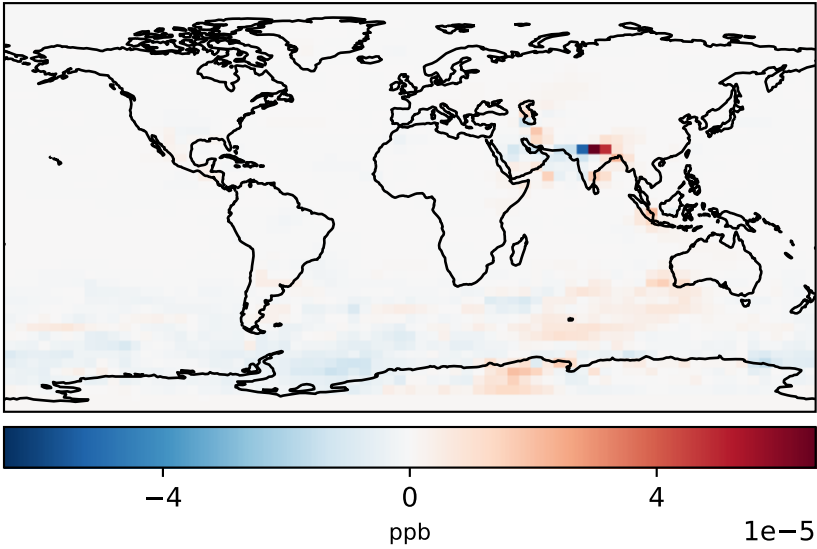


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

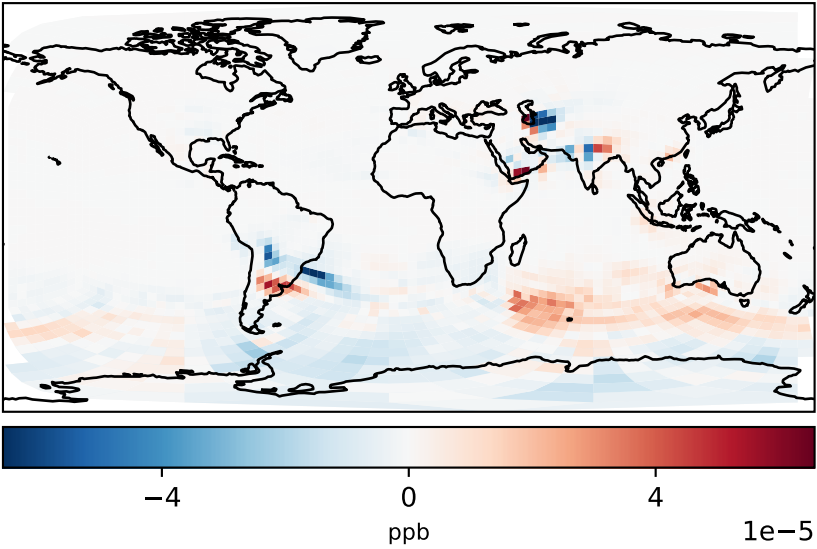


SpeciesConcVV_SALCCL

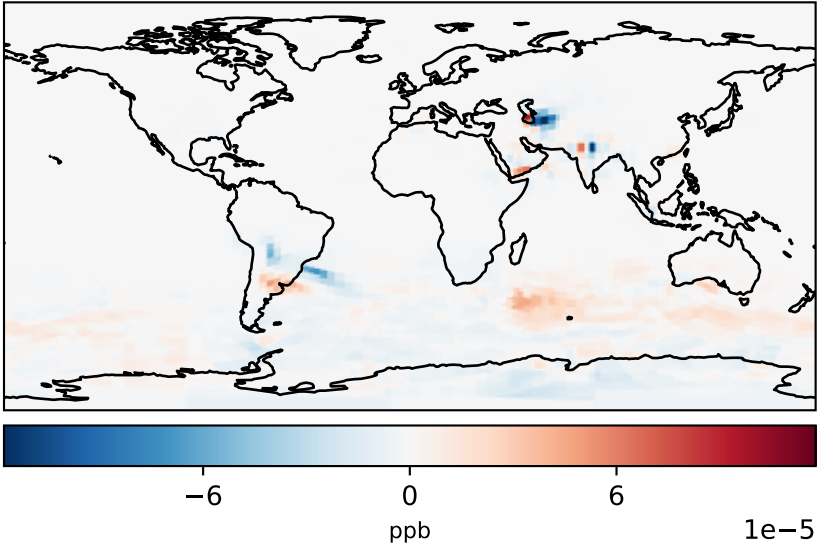
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



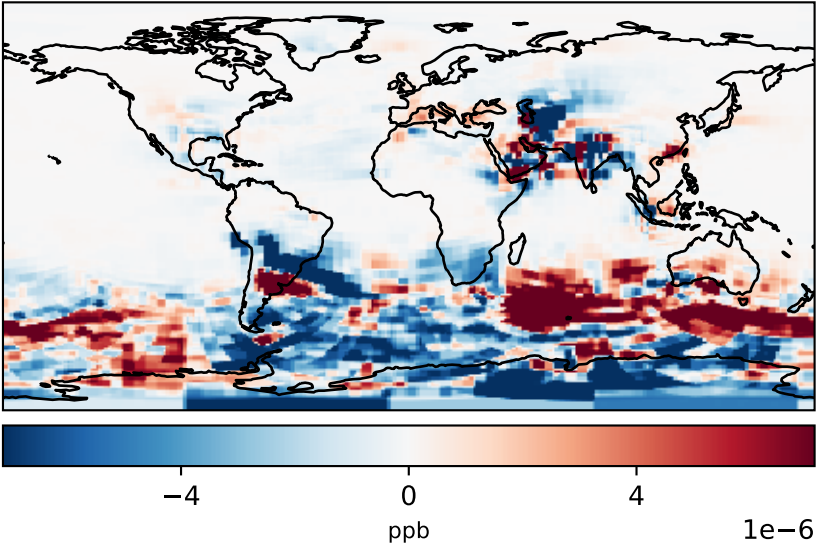
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



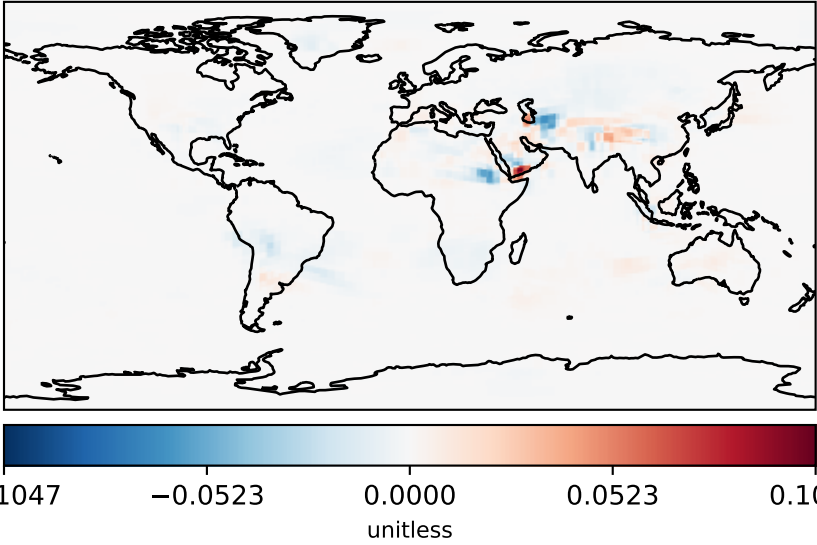
Difference (1x1.25)
Dev - Ref, Dynamic Range



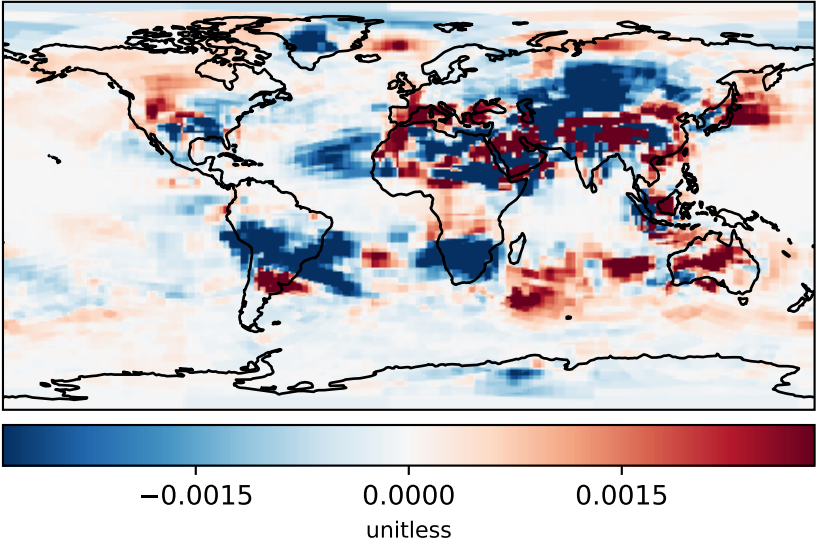
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

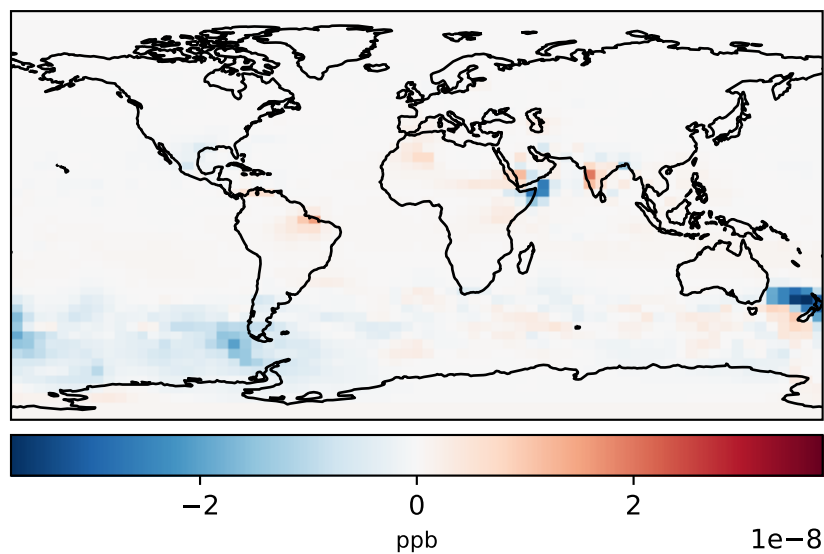


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

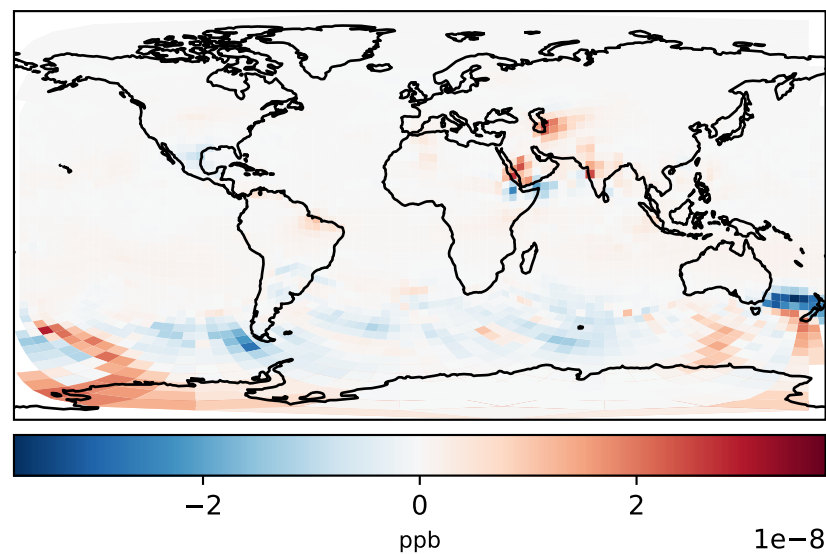


SpeciesConcVV_S04s

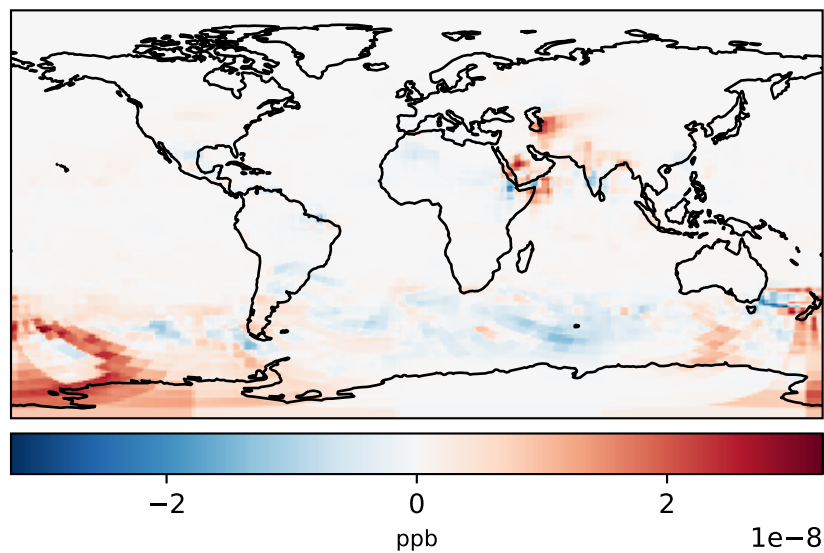
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



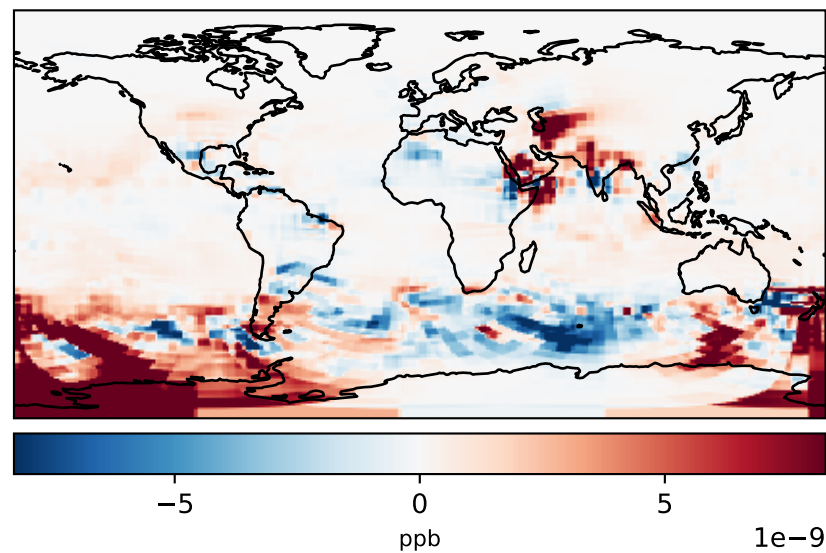
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



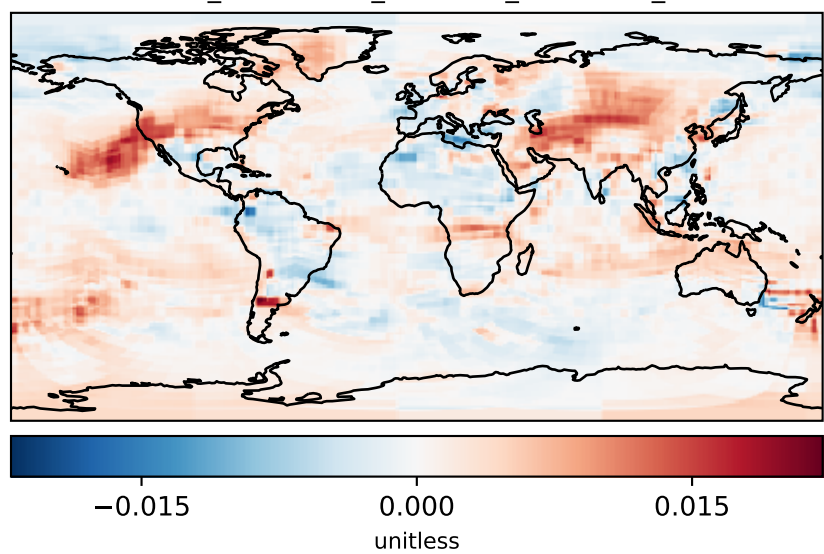
Difference (1x1.25)
Dev - Ref, Dynamic Range



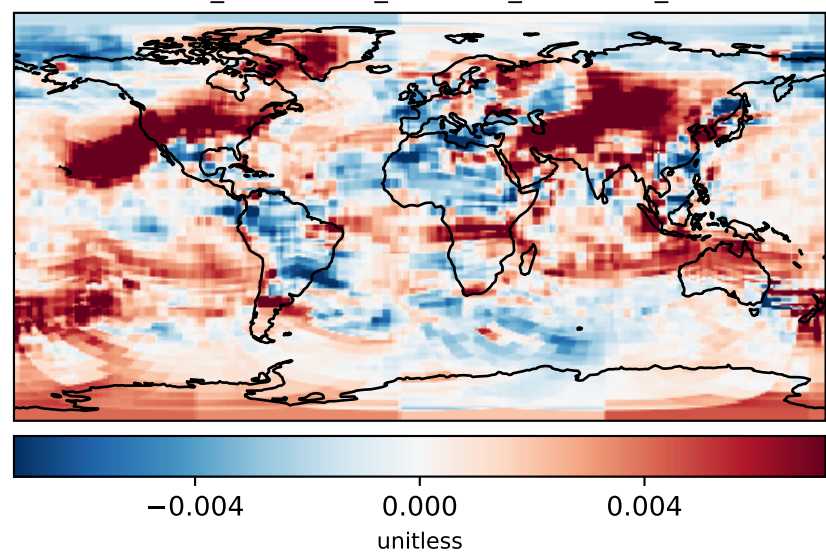
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

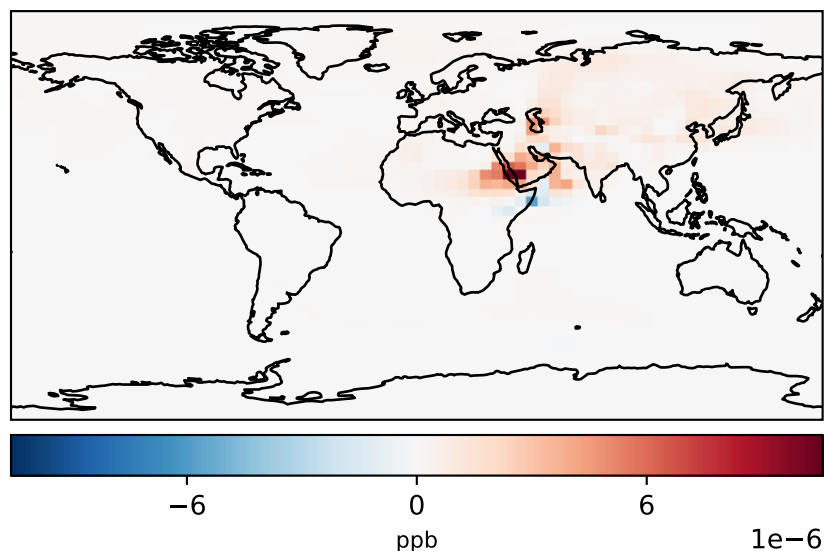


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

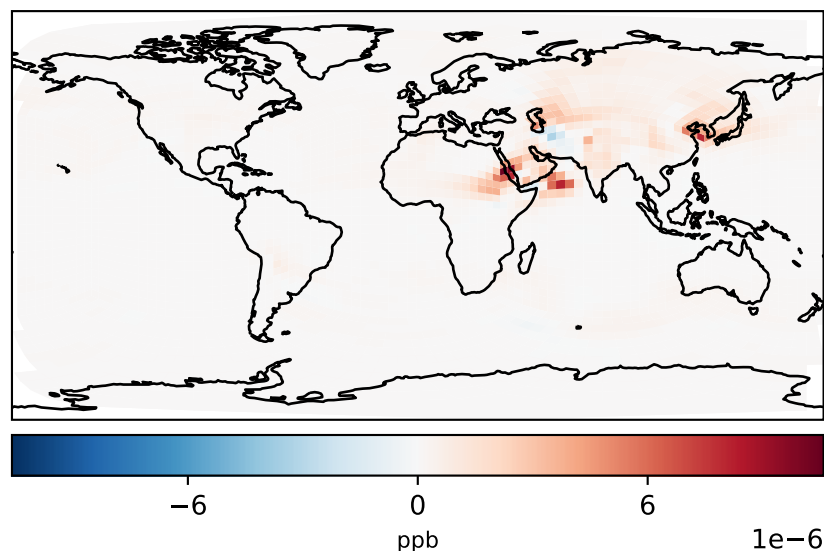


SpeciesConcVW_pFe

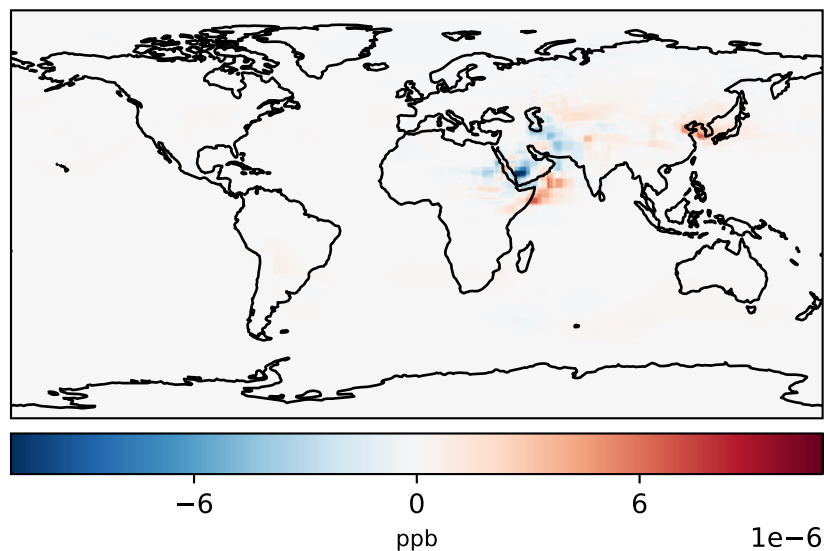
gcc-4x5-1Mon-14.4.0-alpha.1 -
gcc-4x5-1Mon-14.4.0-alpha.0 (Ref)
4.0x5.0



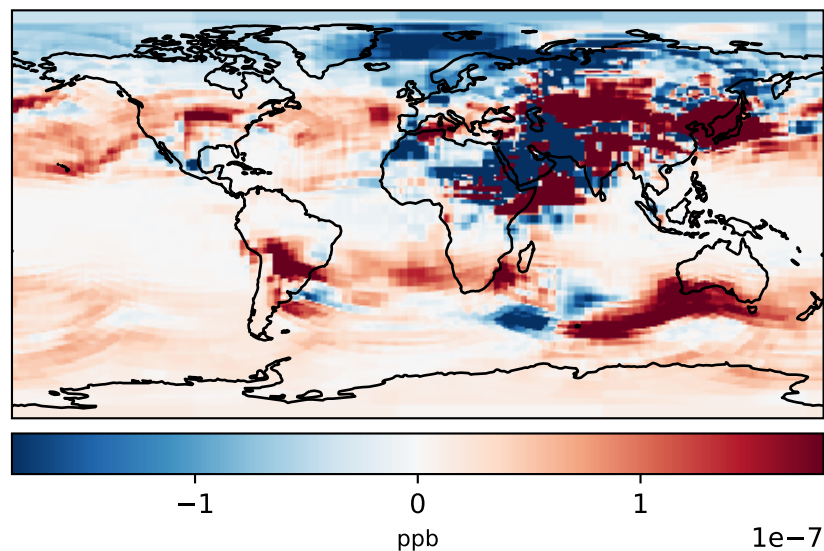
gchp-c24-1Mon-14.4.0-alpha.1 -
gchp-c24-1Mon-14.4.0-alpha.0 (Dev)
c24



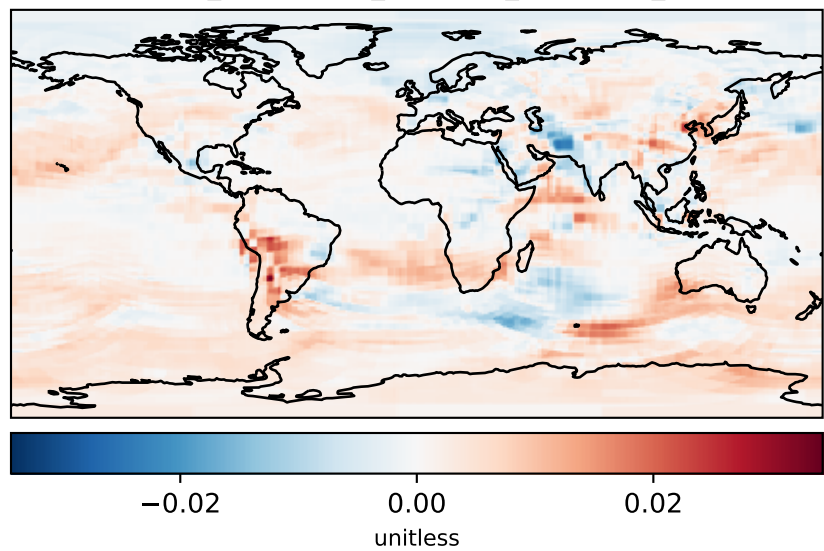
Difference (1x1.25)
Dev - Ref, Dynamic Range



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

