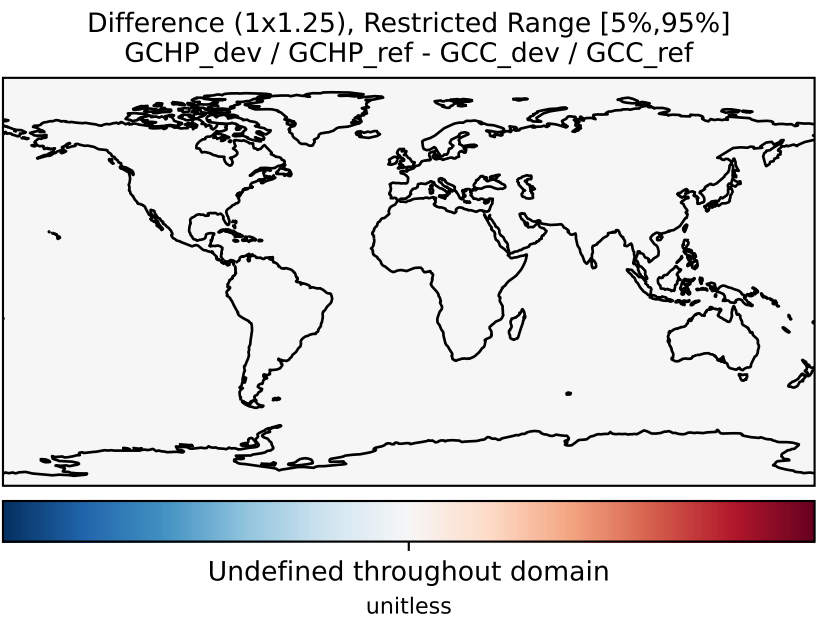
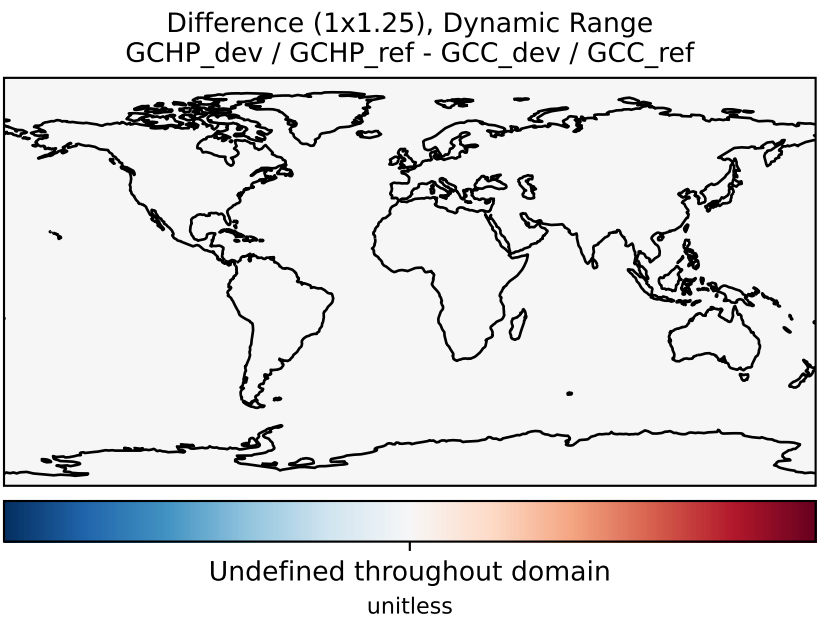
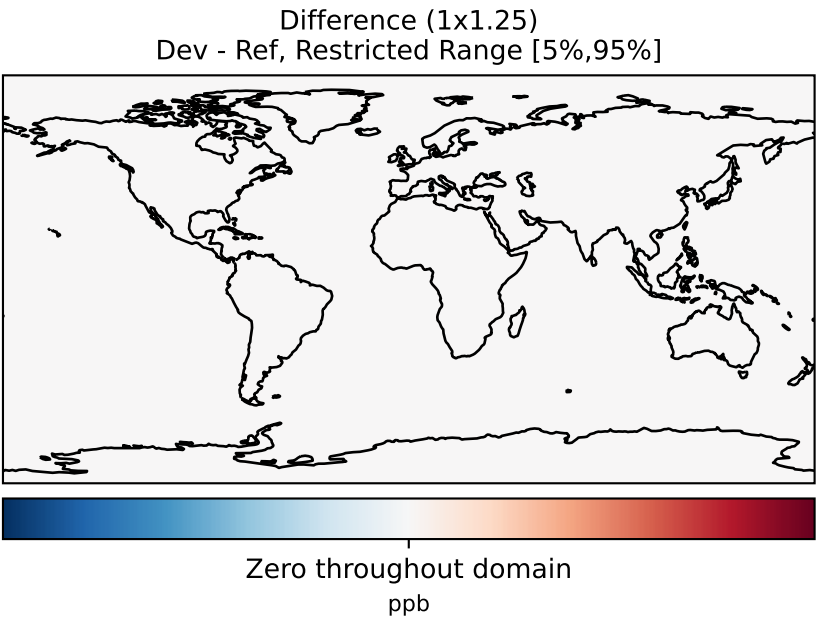
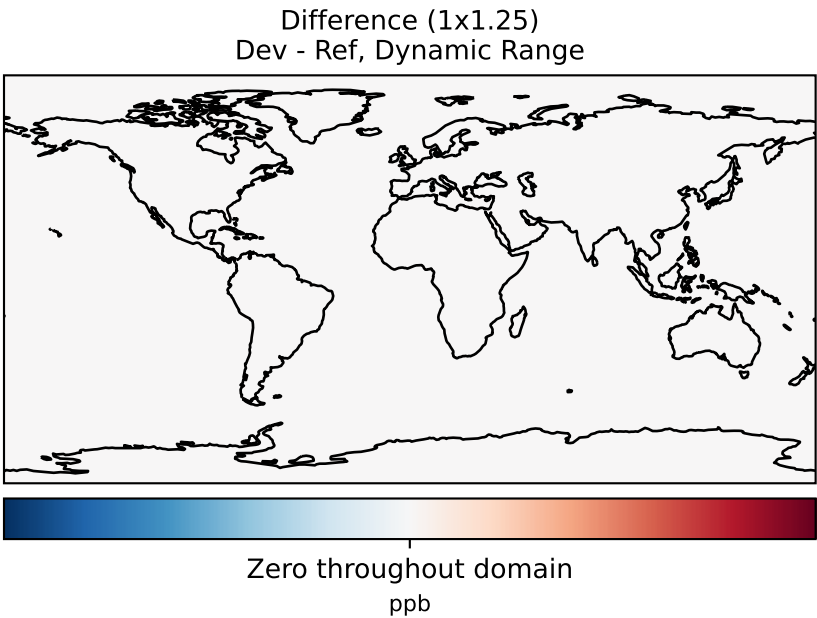
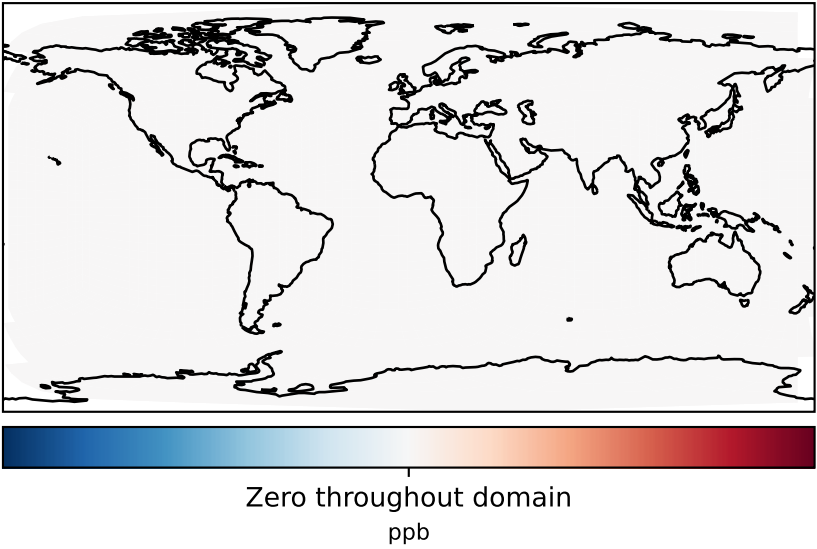
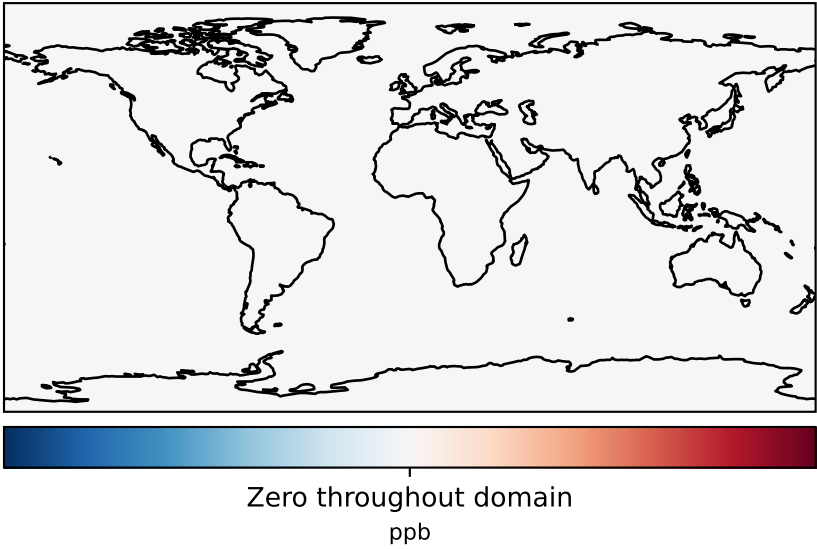


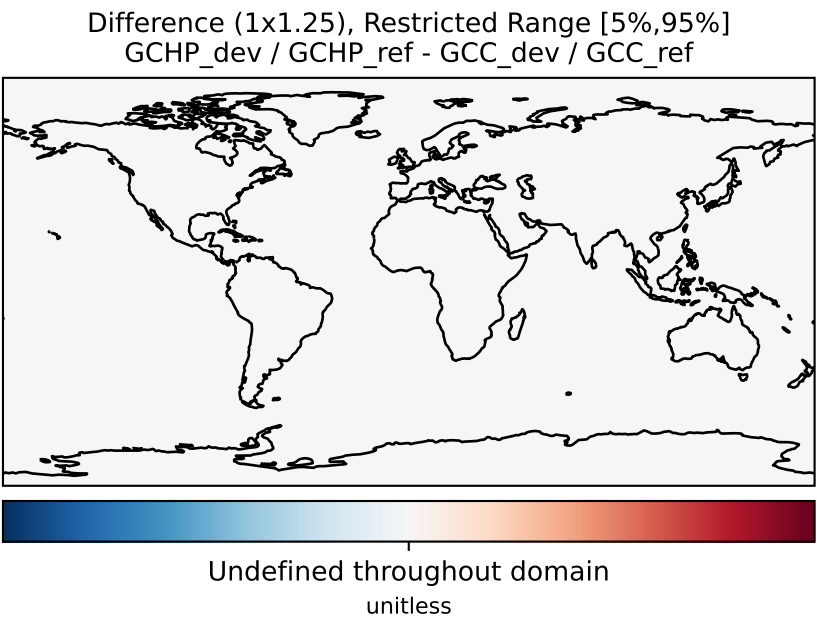
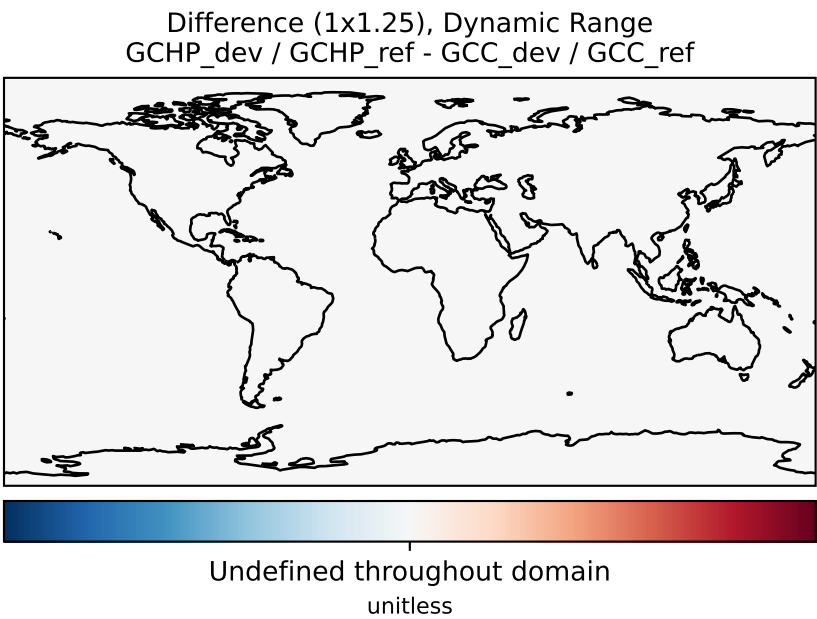
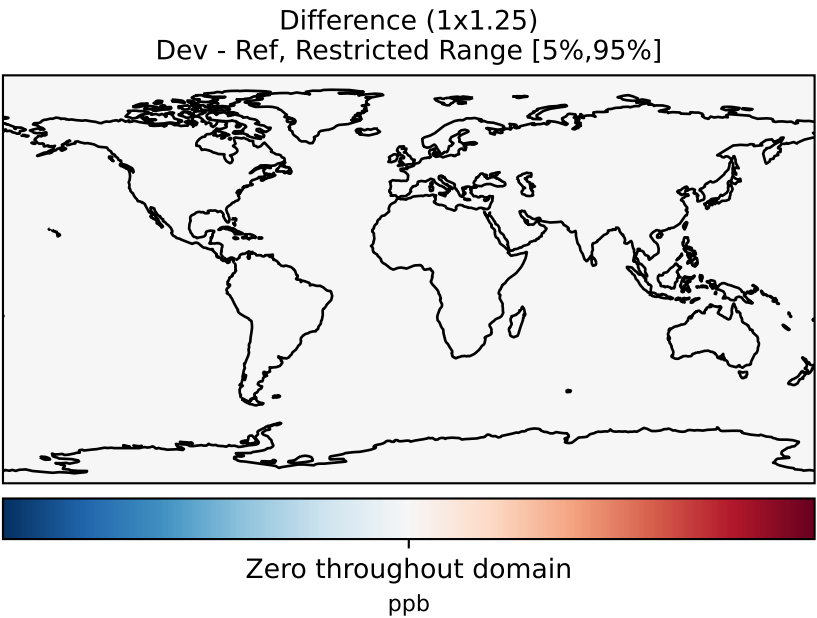
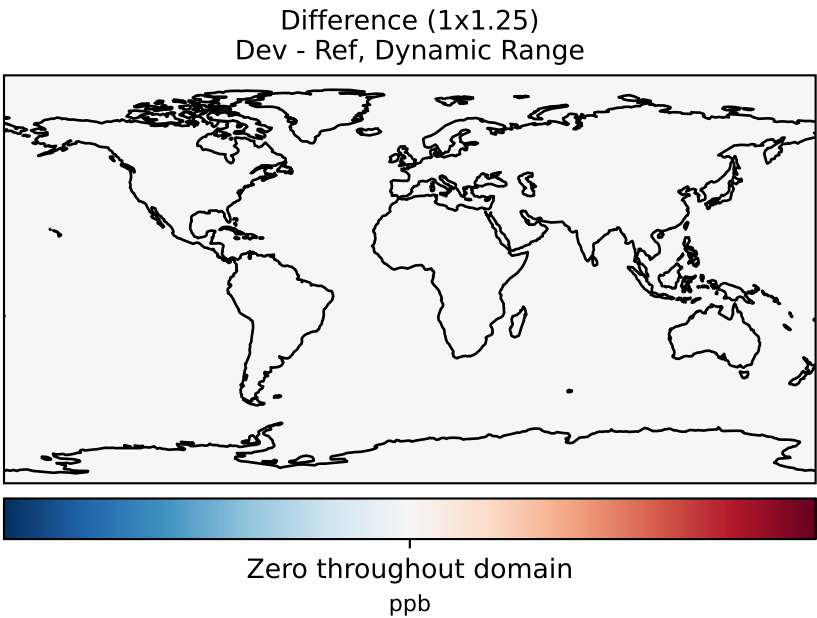
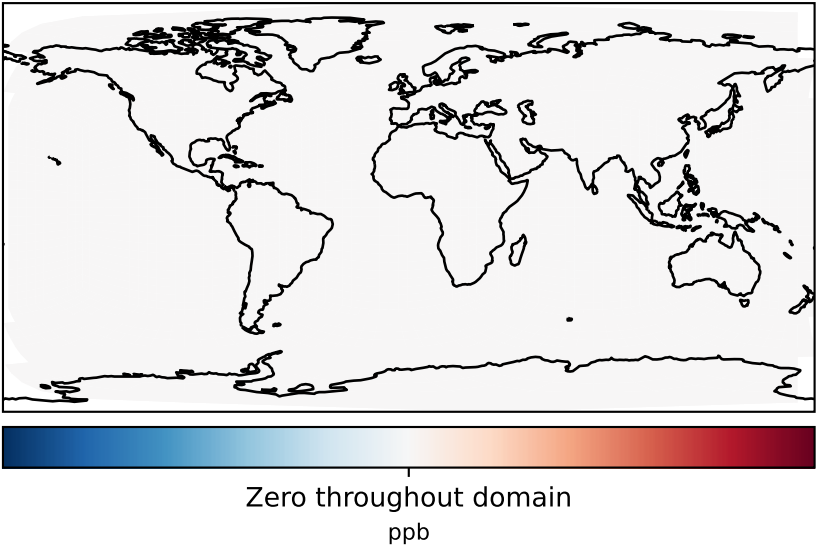
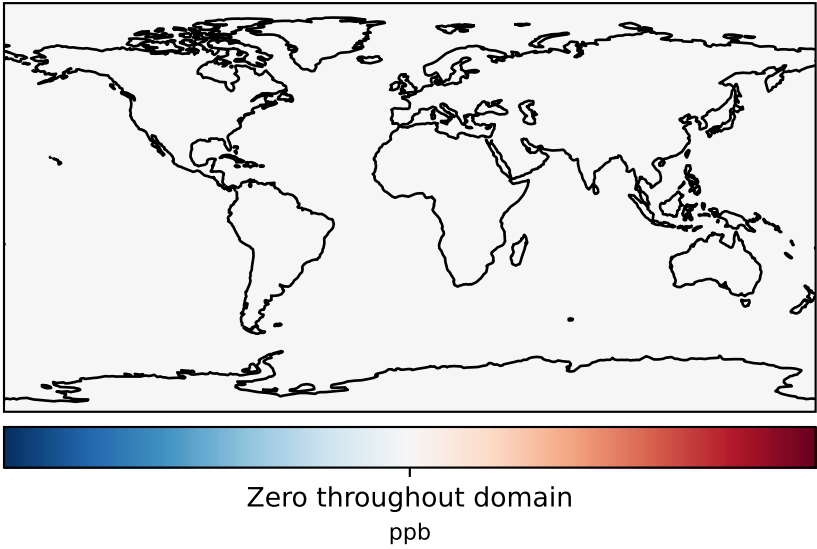
SpeciesConcVV_NOy

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



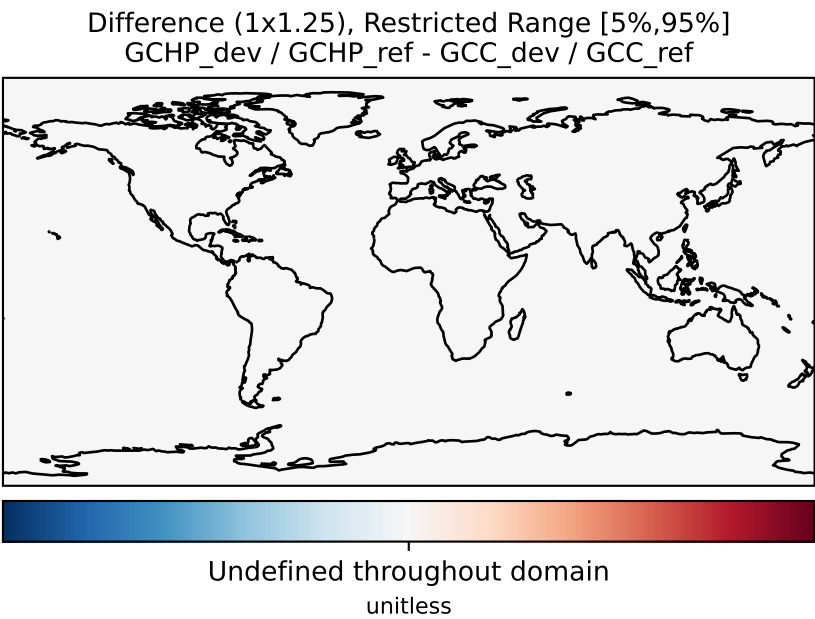
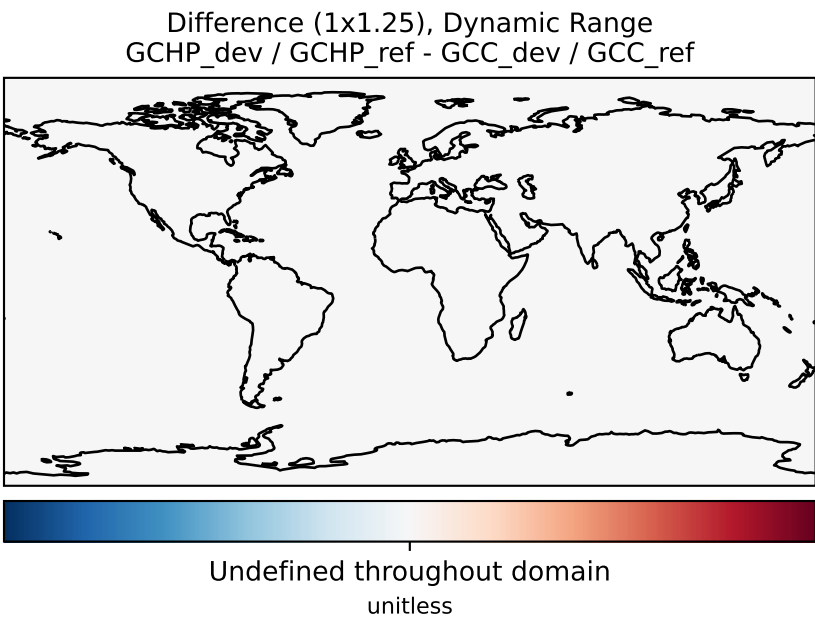
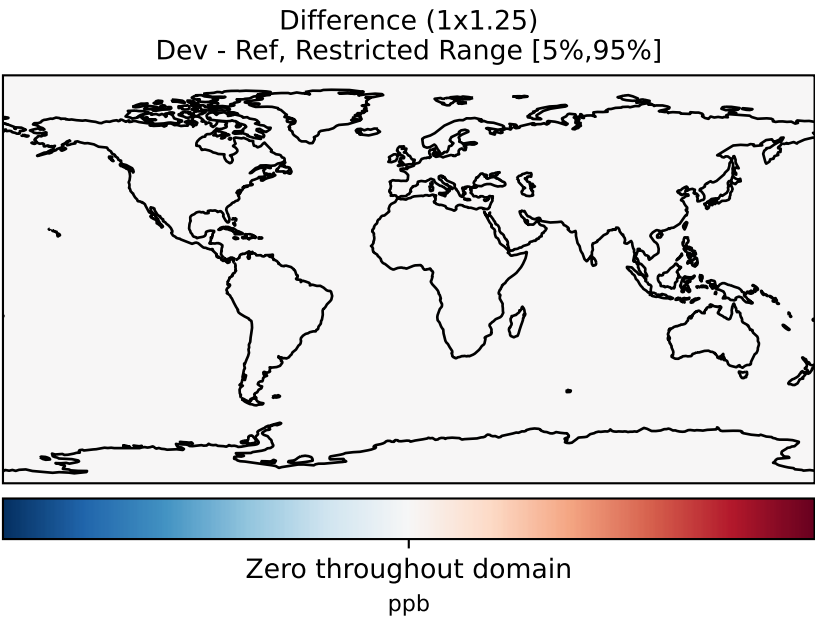
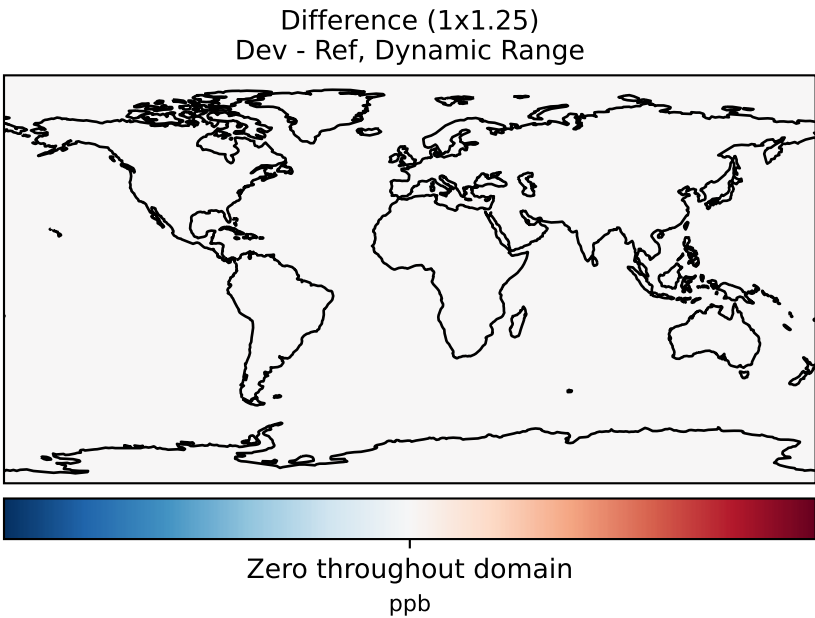
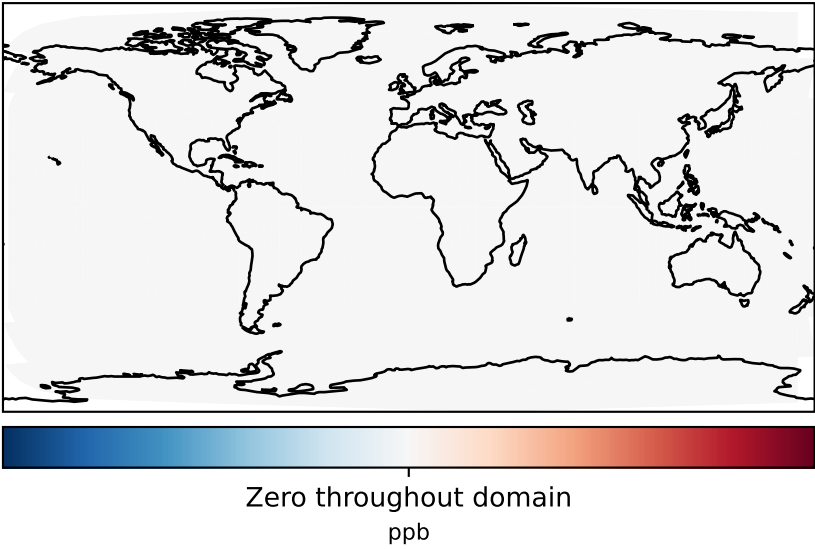
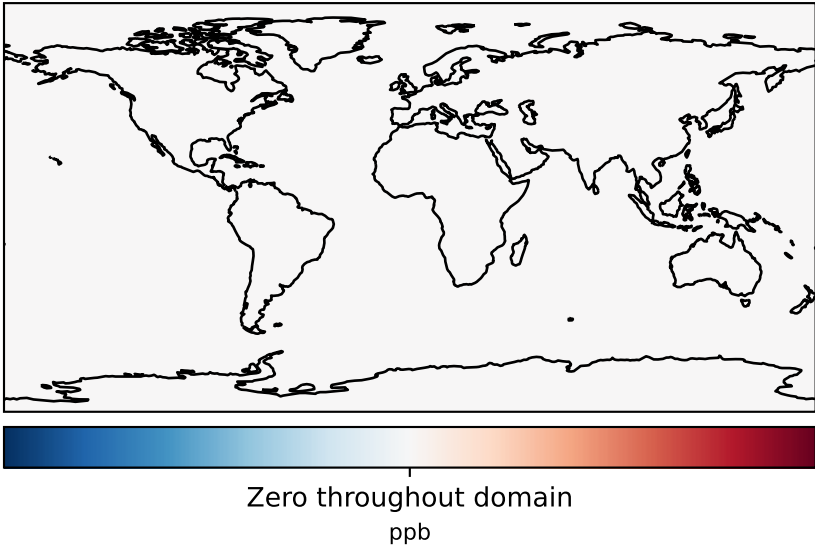
SpeciesConcVV_NOx

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



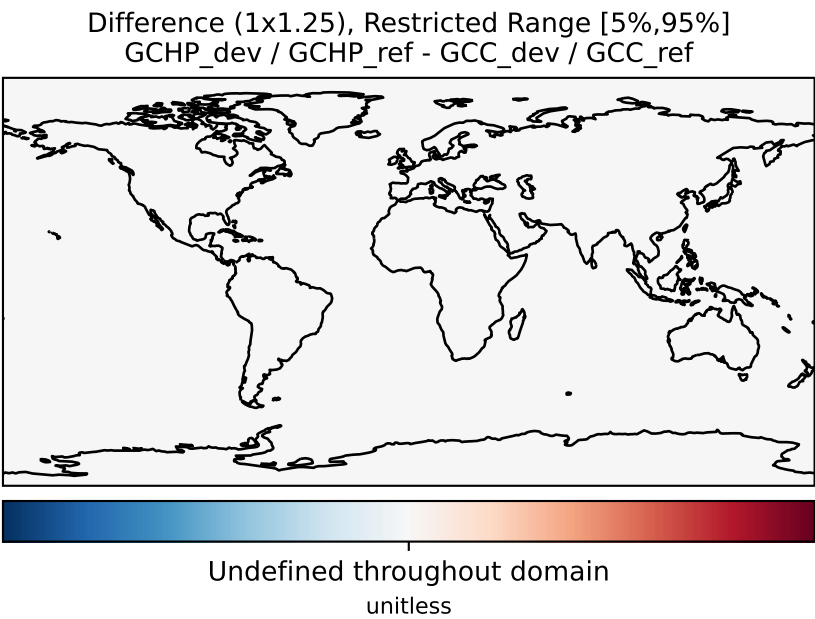
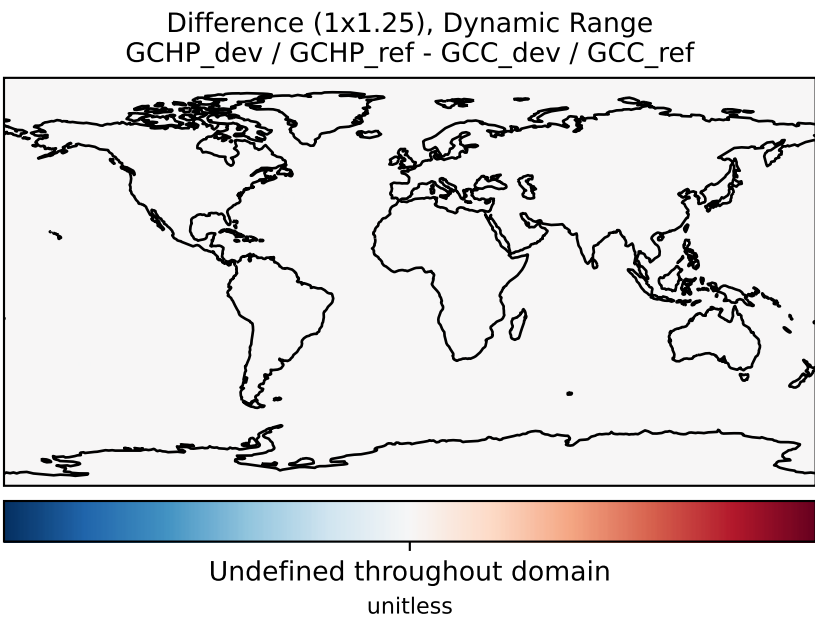
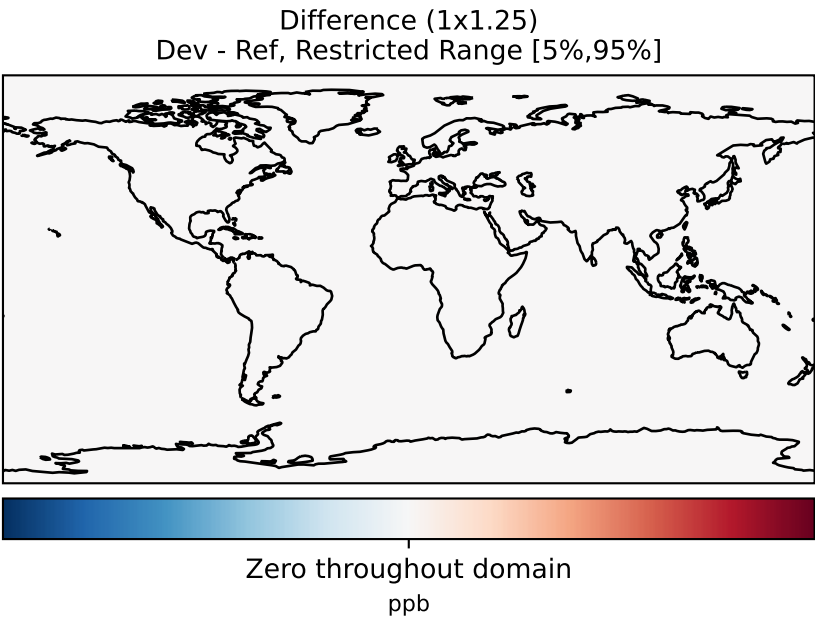
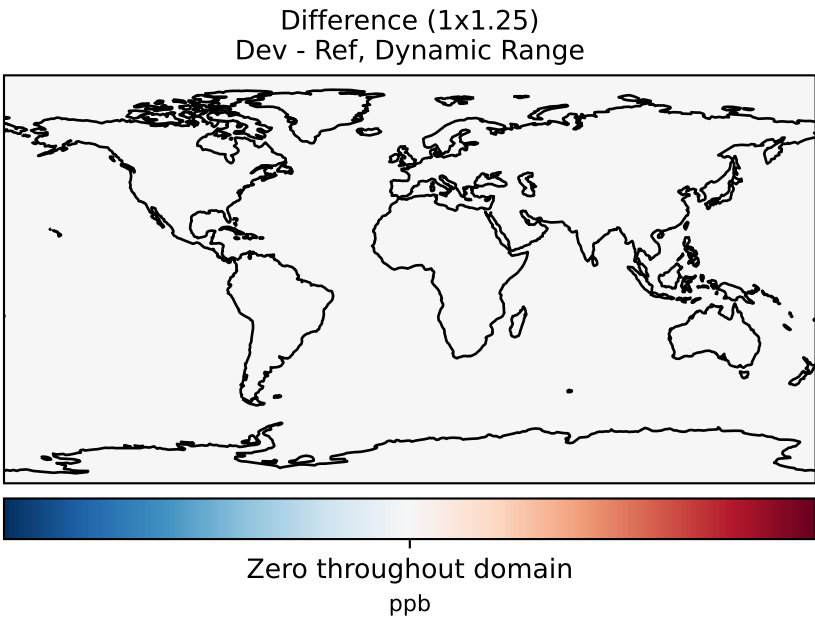
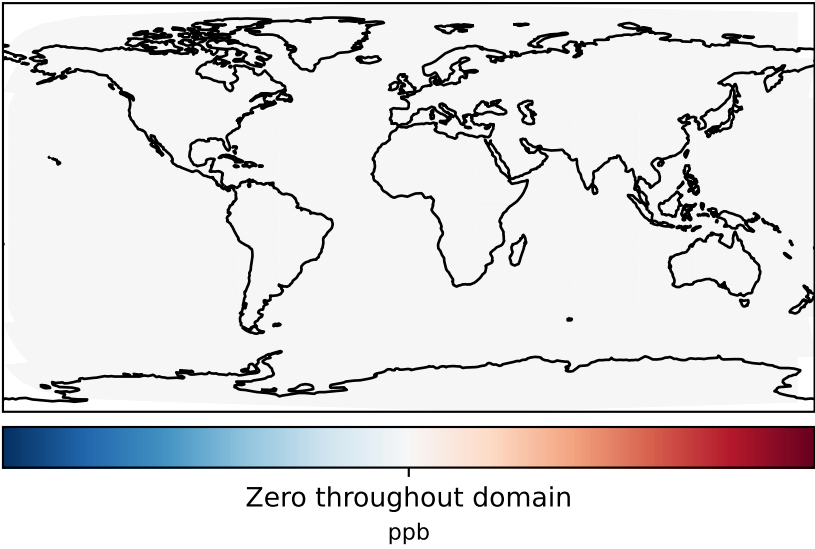
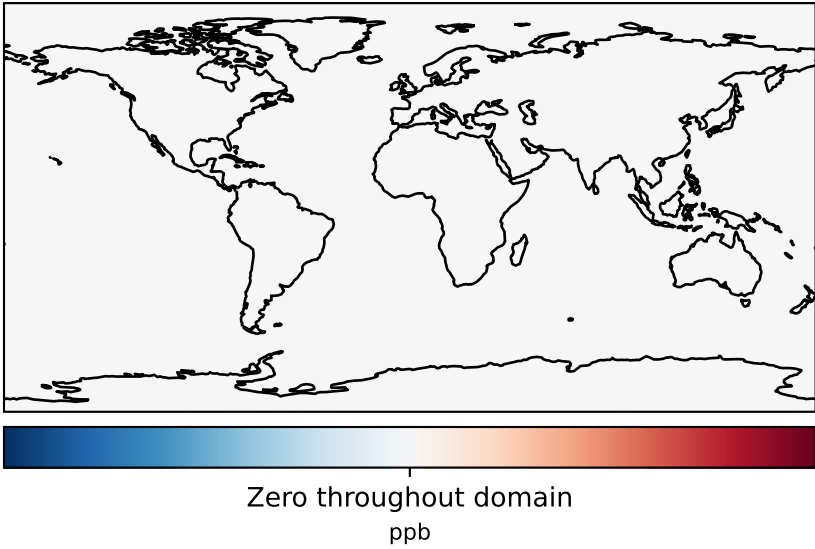
SpeciesConcVV_HNO2

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



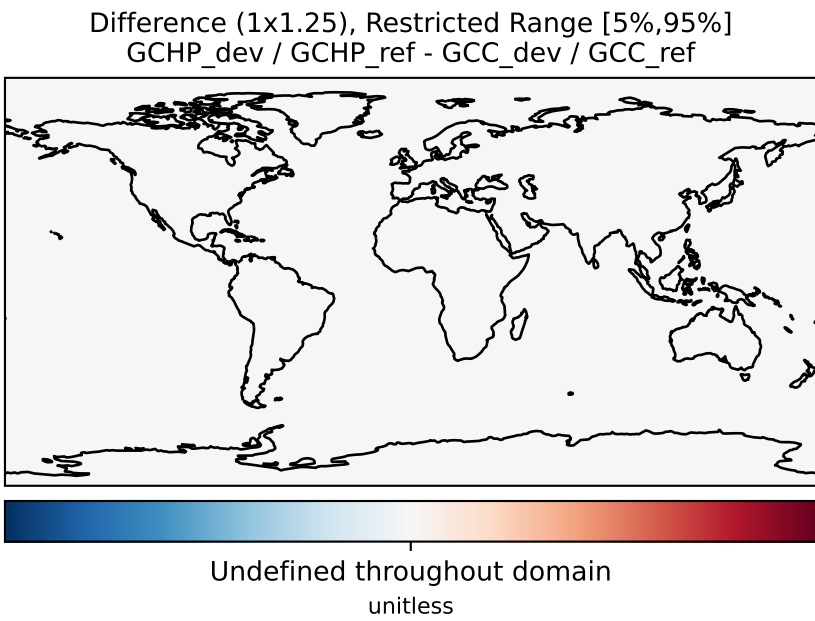
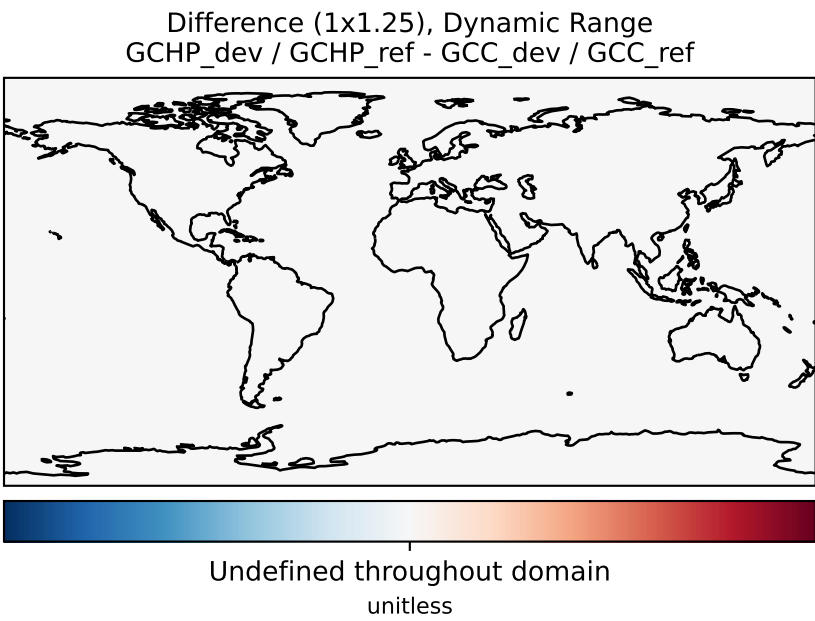
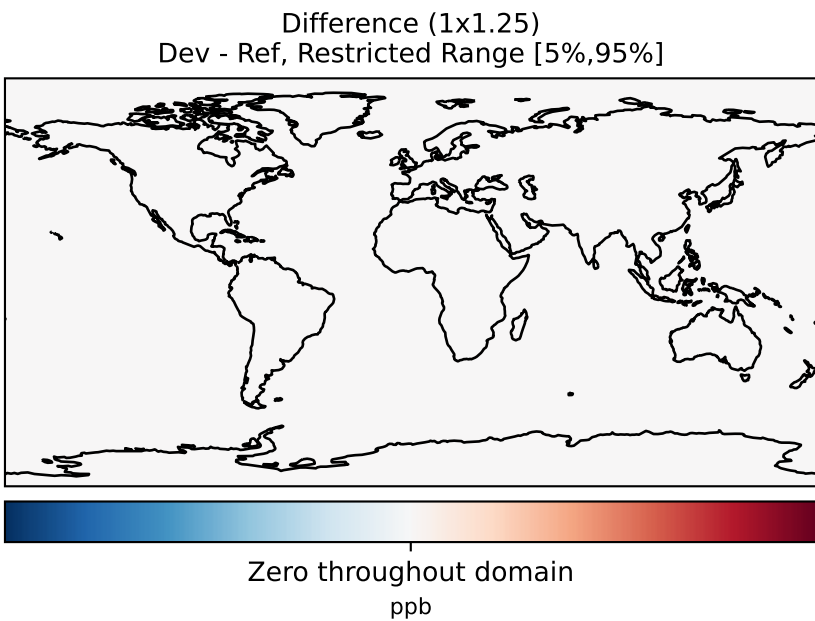
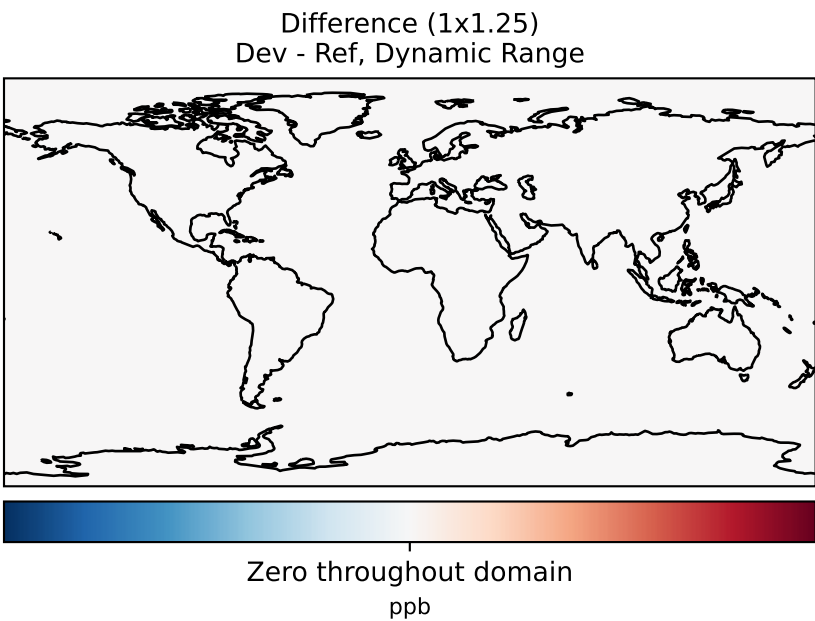
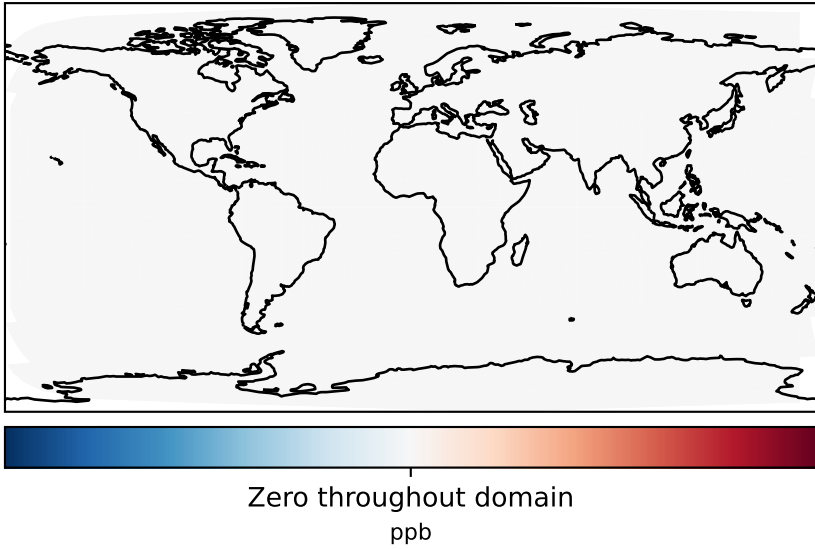
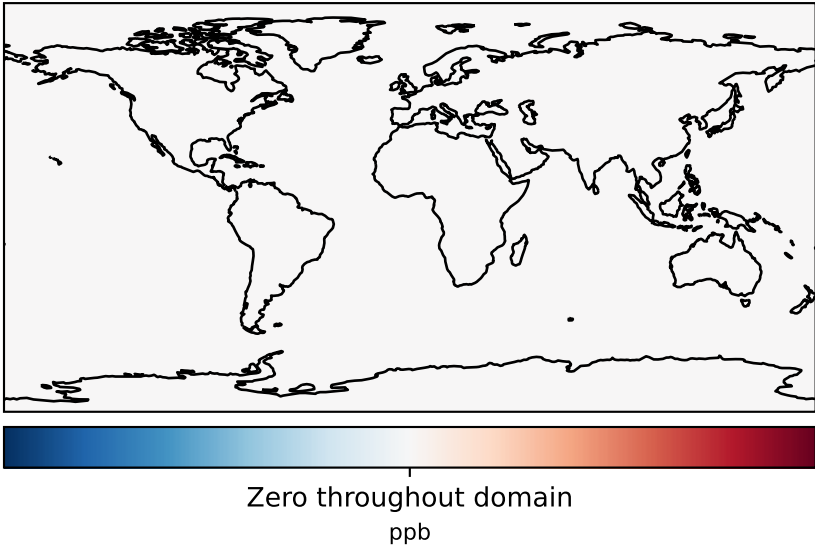
SpeciesConcVV_HNO3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



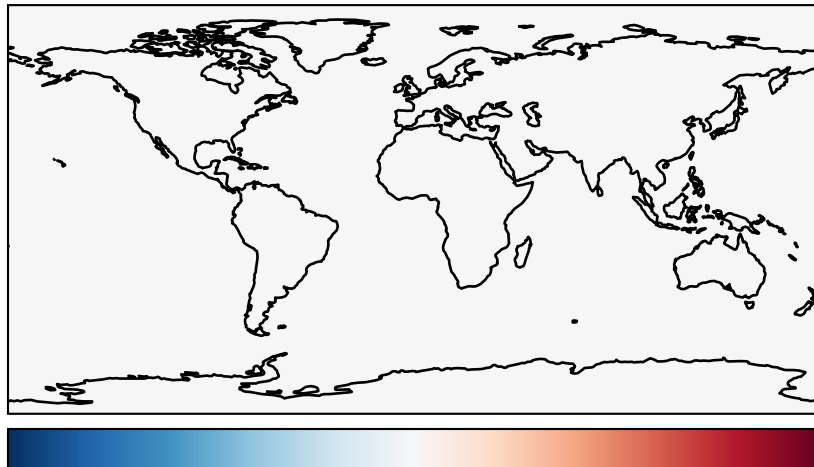
SpeciesConcVV_HNO4

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

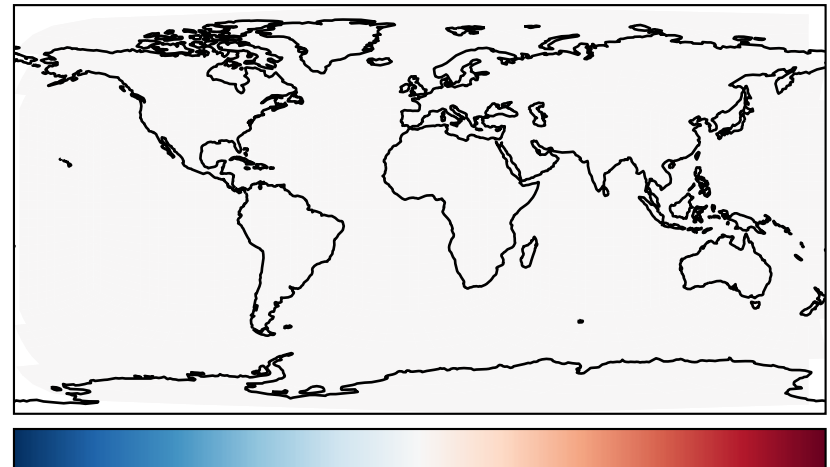


SpeciesConcVV_MPAN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

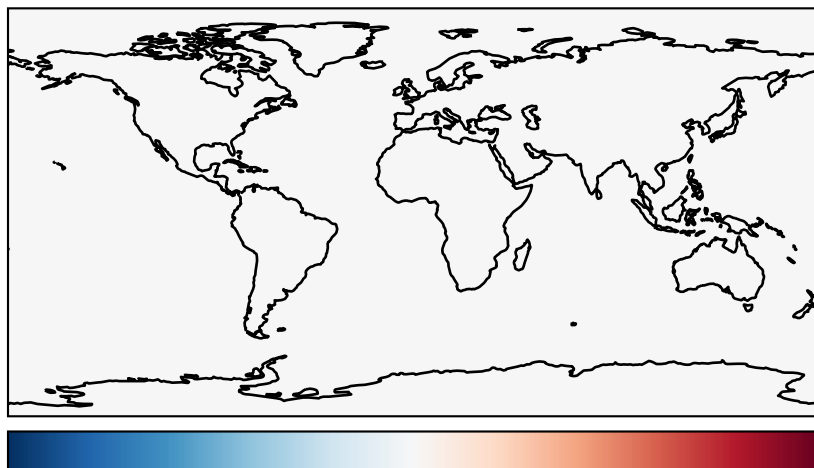


Zero throughout domain
ppb



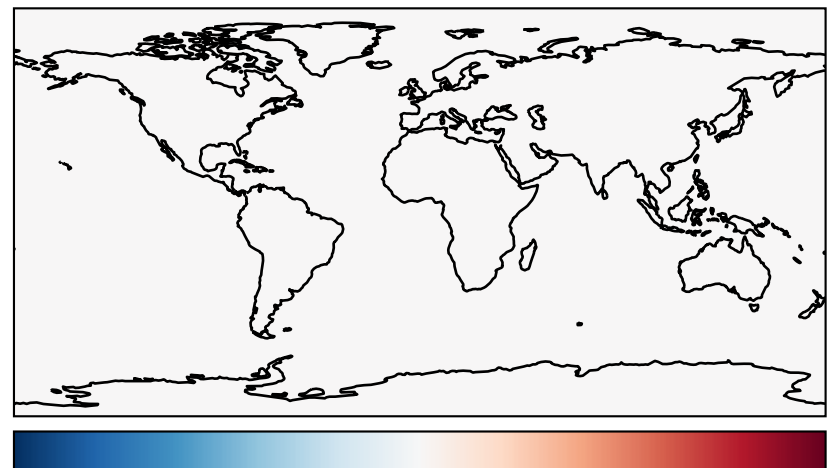
Zero throughout domain
ppb

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



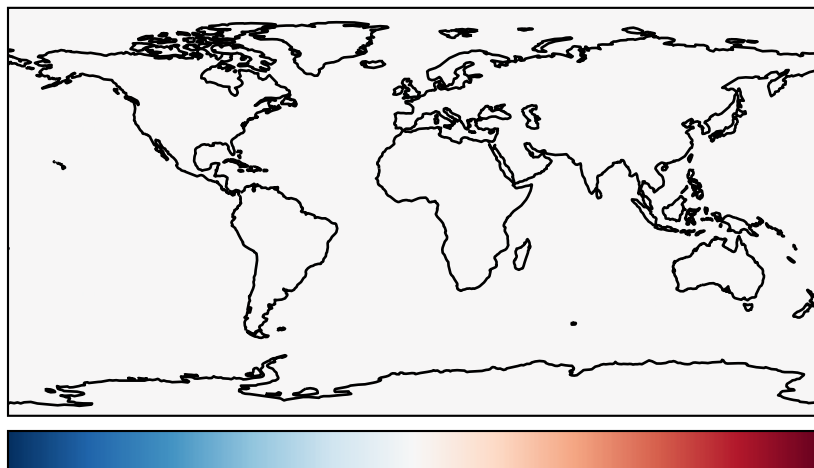
Zero throughout domain
ppb

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



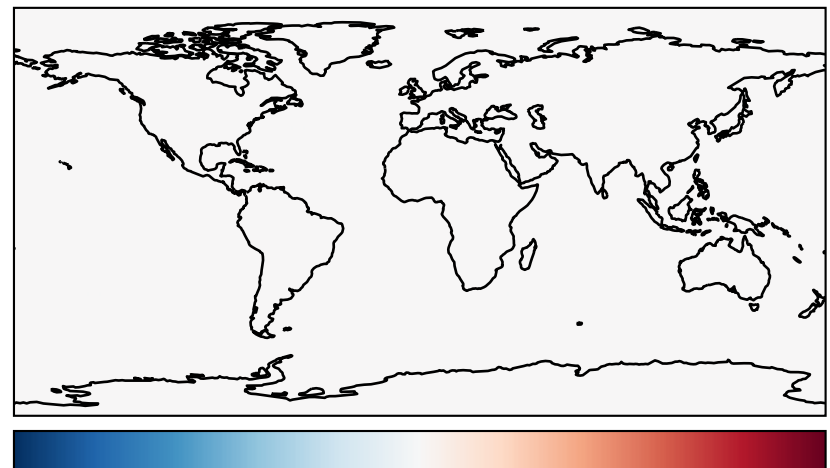
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

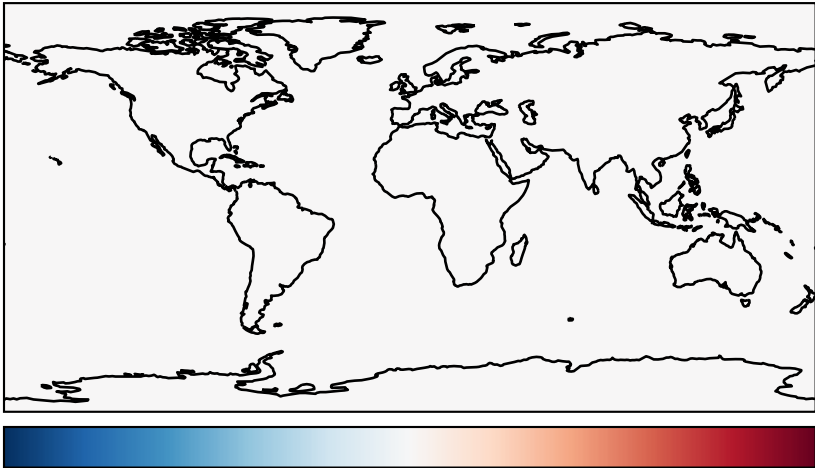
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



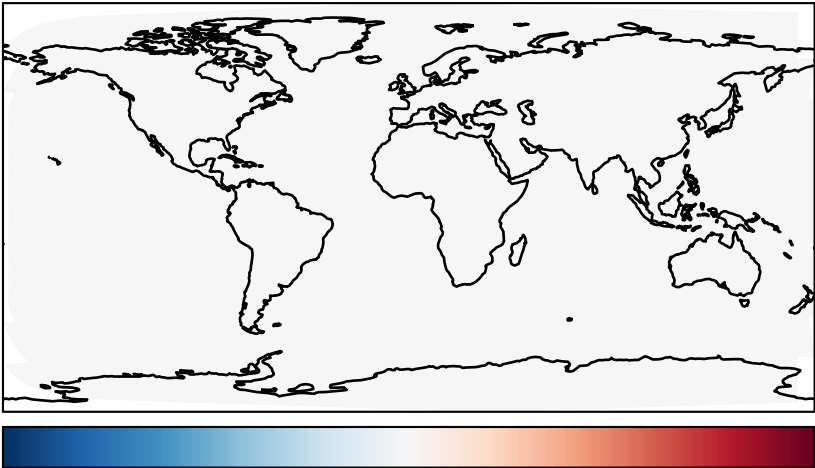
Undefined throughout domain
unitless

SpeciesConcVV_NIT

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

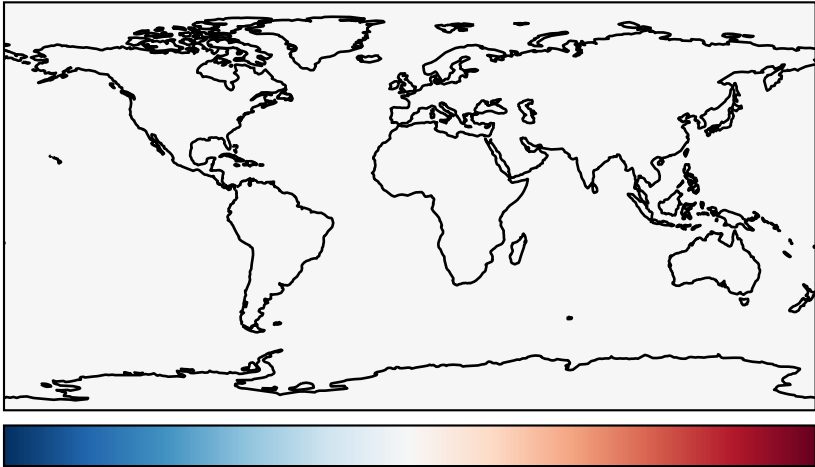


Zero throughout domain
ppb



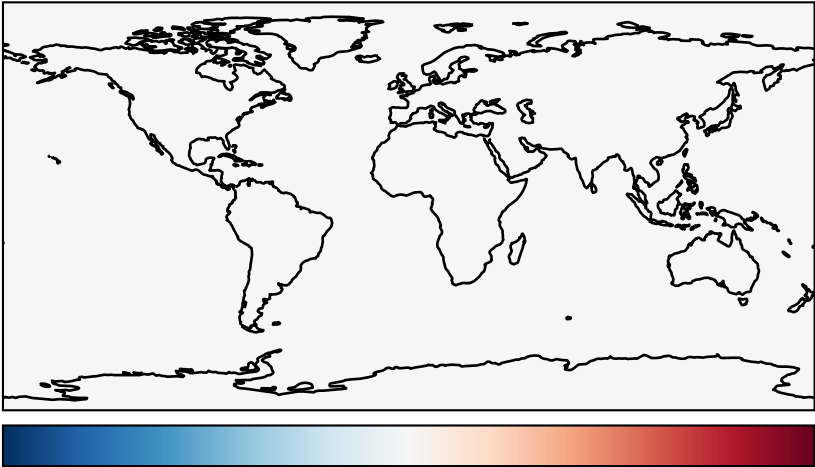
Zero throughout domain
ppb

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



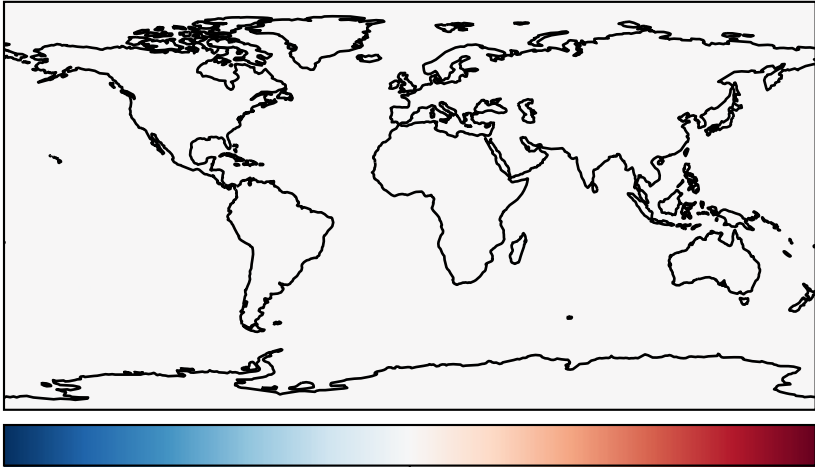
Zero throughout domain
ppb

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



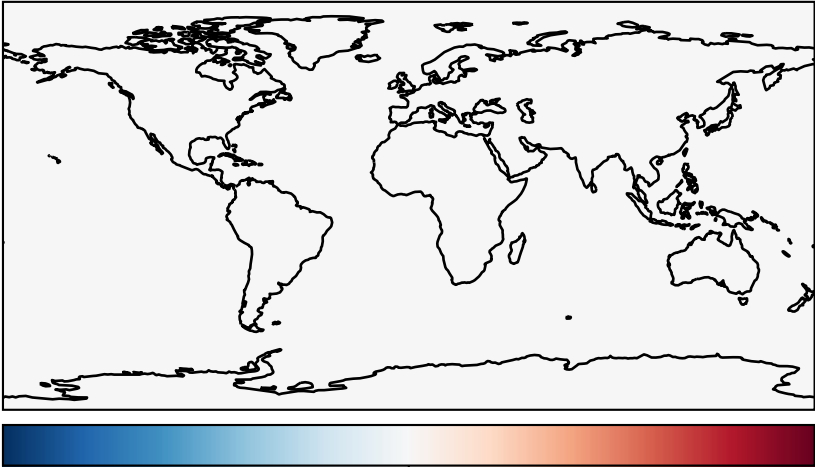
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

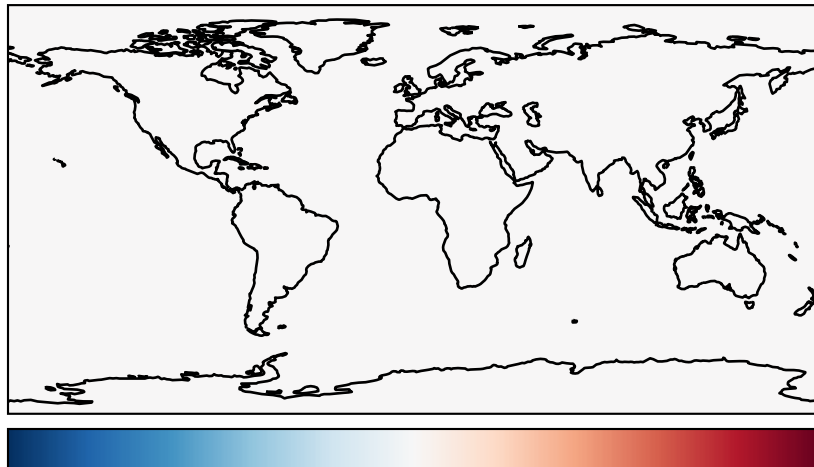
Difference (1x1.25), Restricted Range [5%,95%]
 $\frac{GCHP_dev}{GCHP_ref} - \frac{GCC_dev}{GCC_ref}$



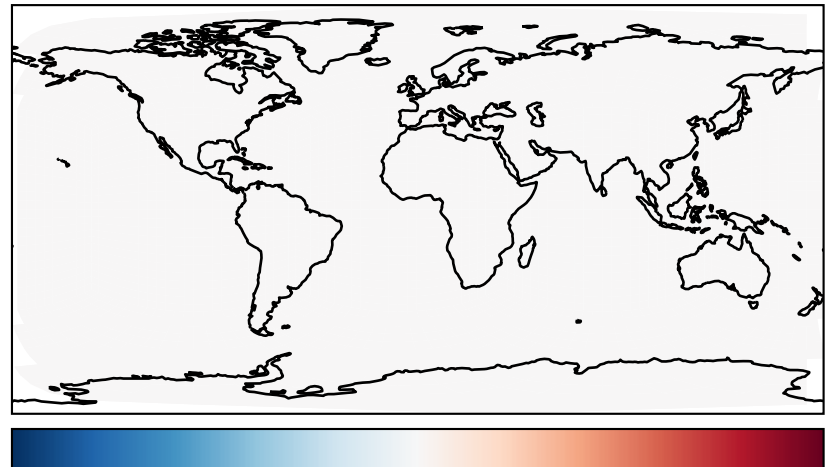
Undefined throughout domain
unitless

SpeciesConcVV_NO

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

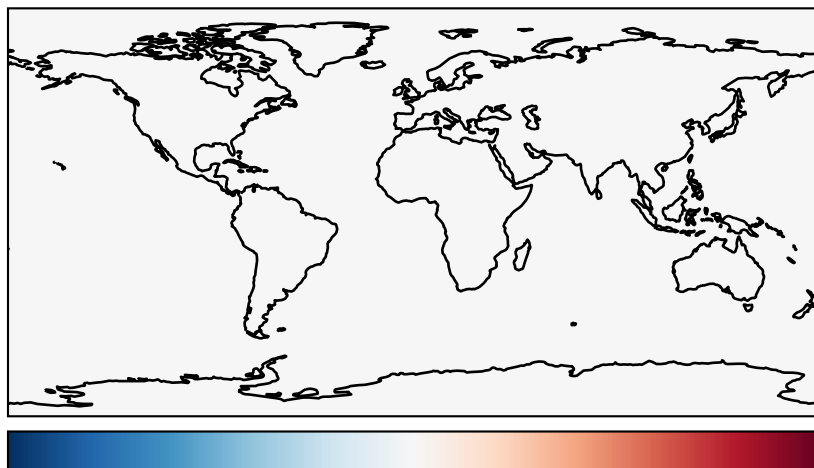


Zero throughout domain
ppb



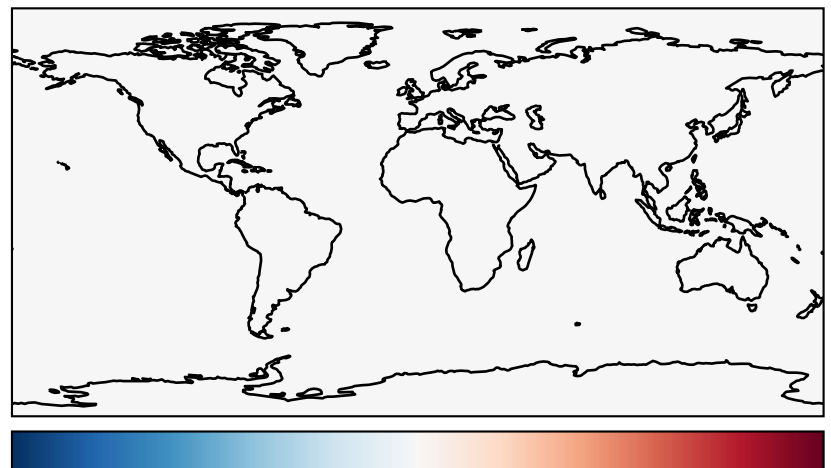
Zero throughout domain
ppb

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



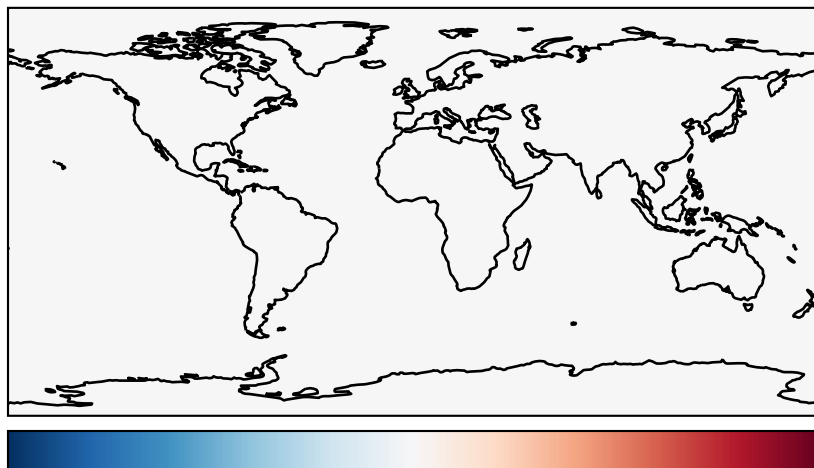
Zero throughout domain
ppb

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



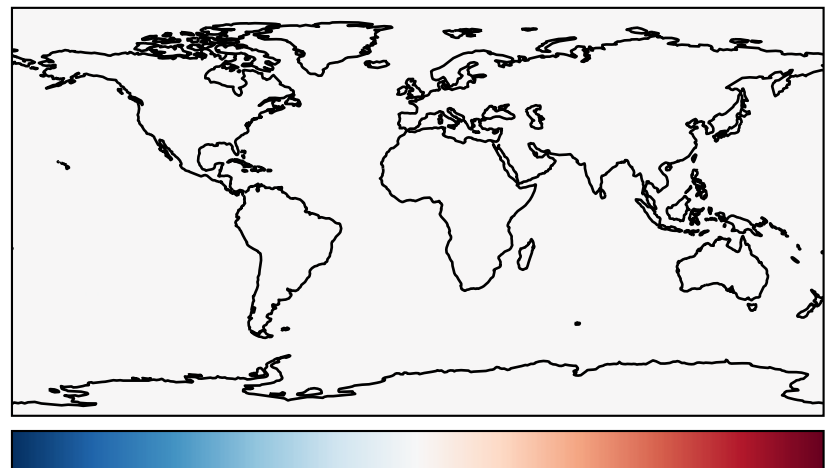
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

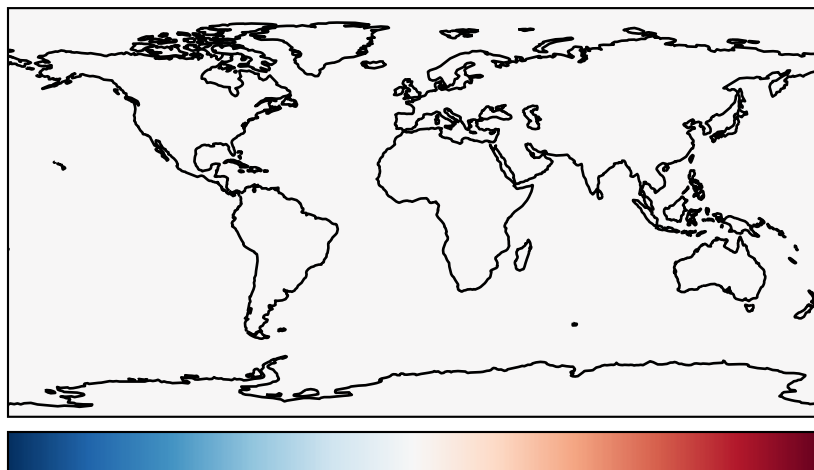
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



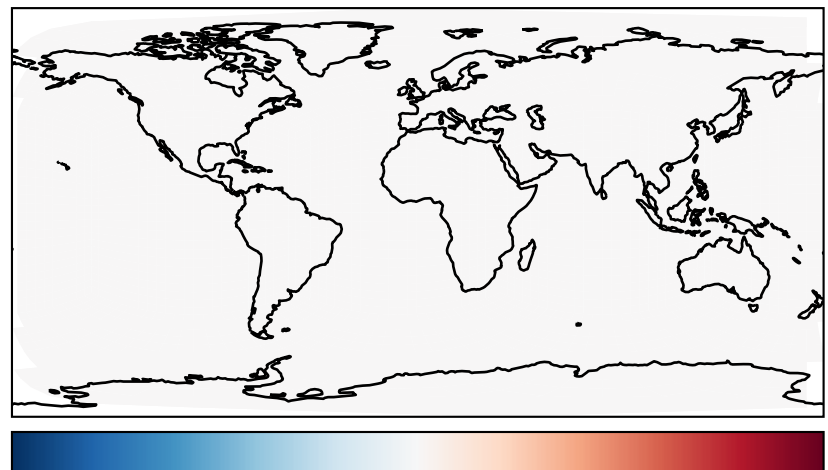
Undefined throughout domain
unitless

SpeciesConcVV_NO2

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

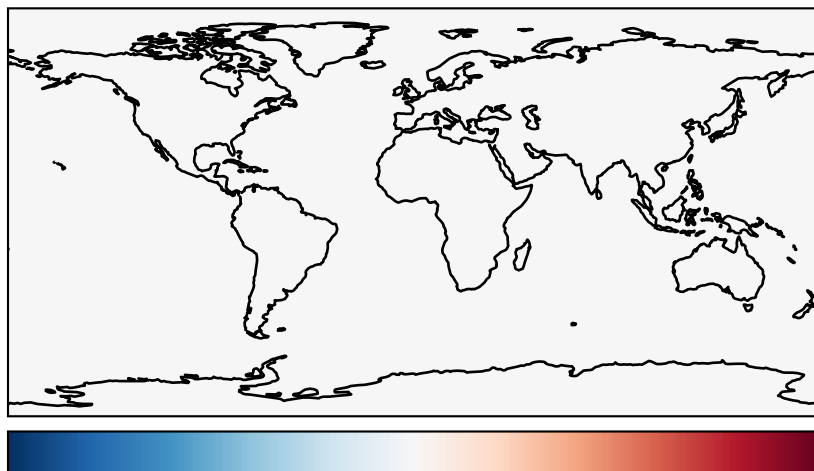


Zero throughout domain
ppb



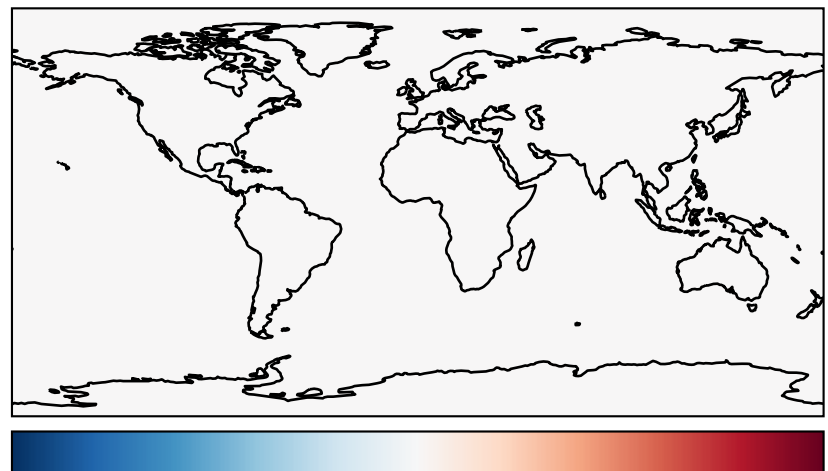
Zero throughout domain
ppb

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



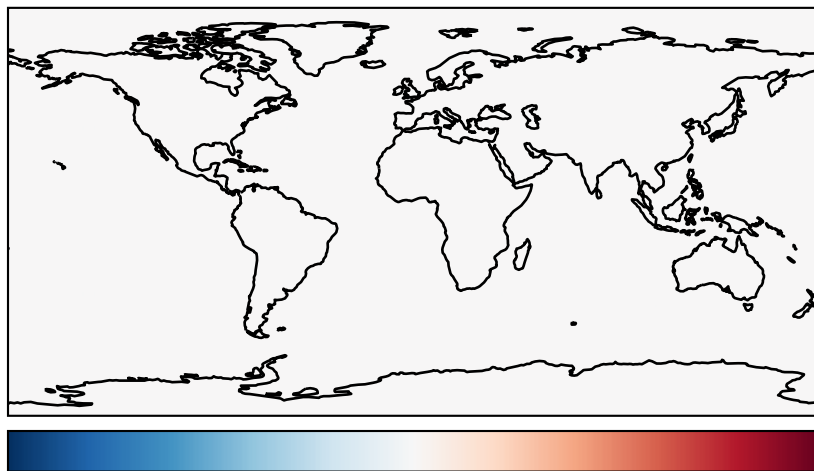
Zero throughout domain
ppb

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



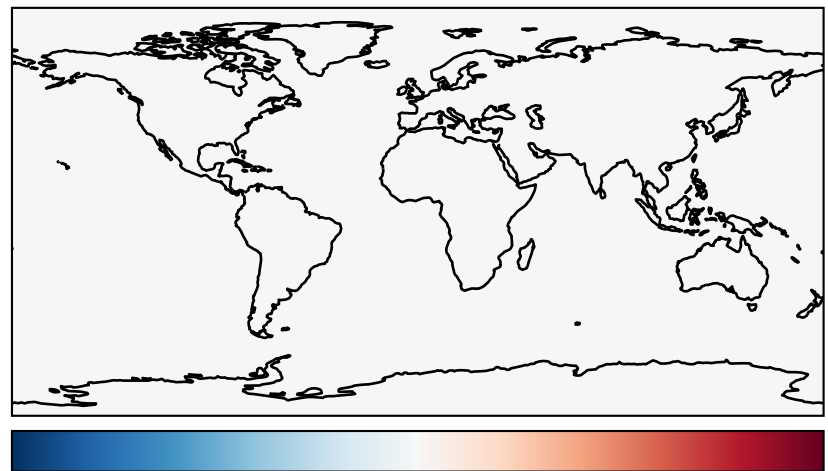
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

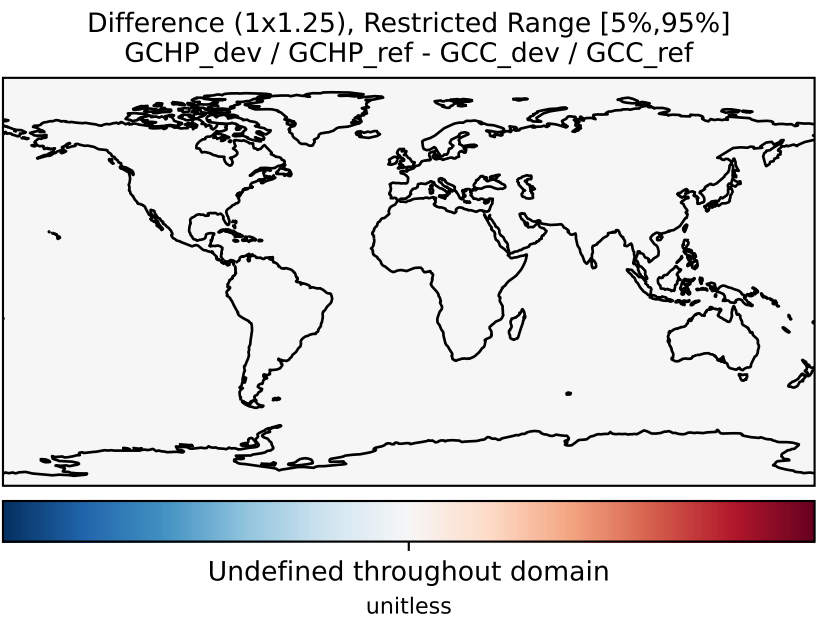
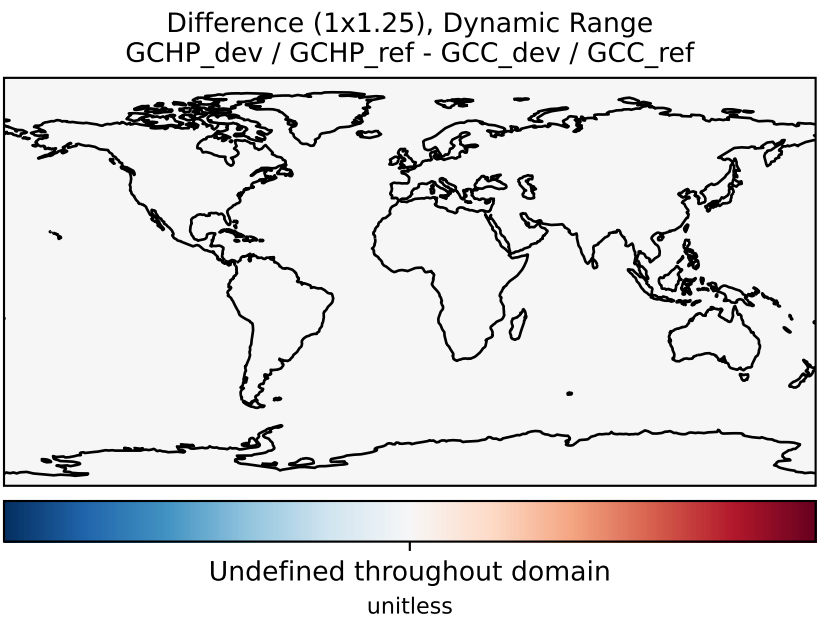
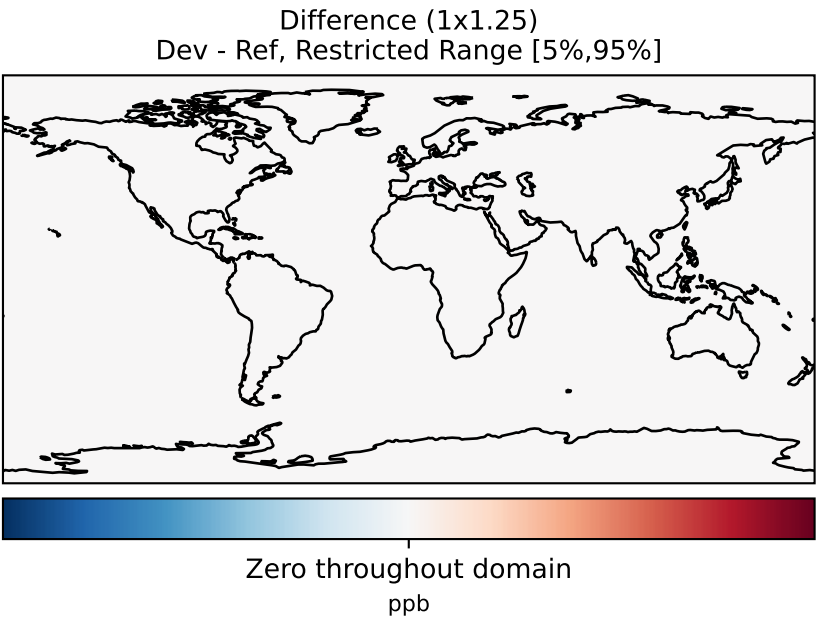
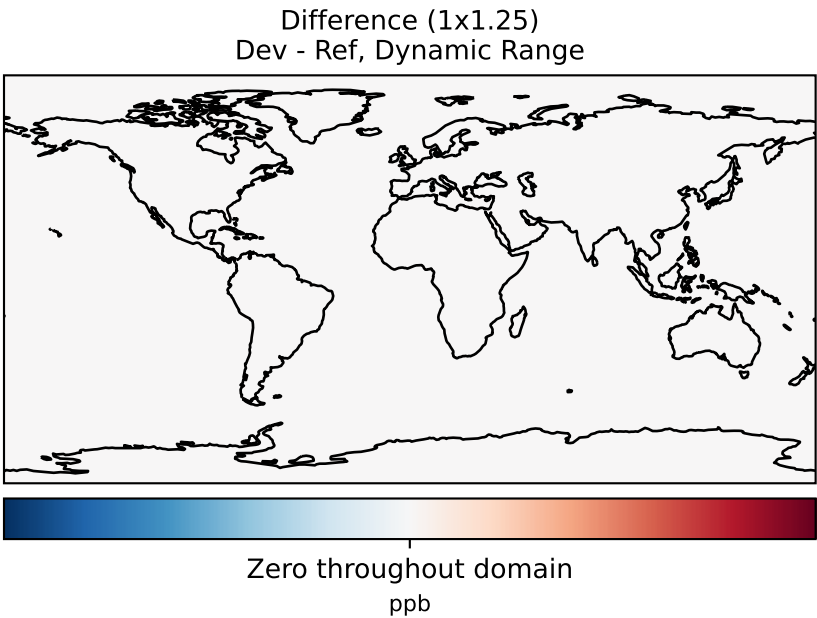
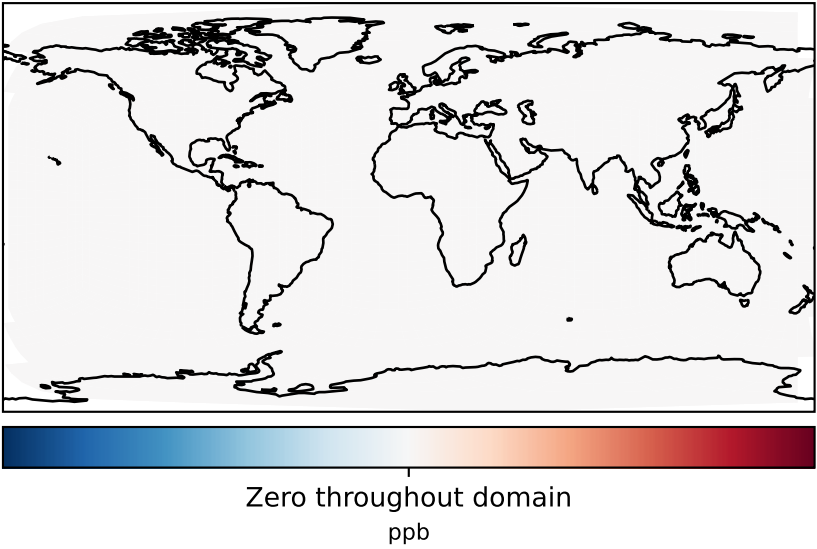
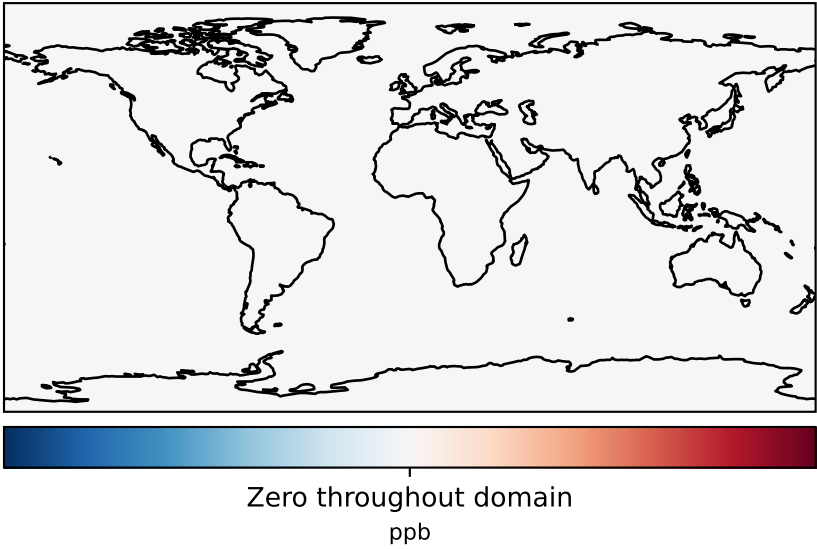
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

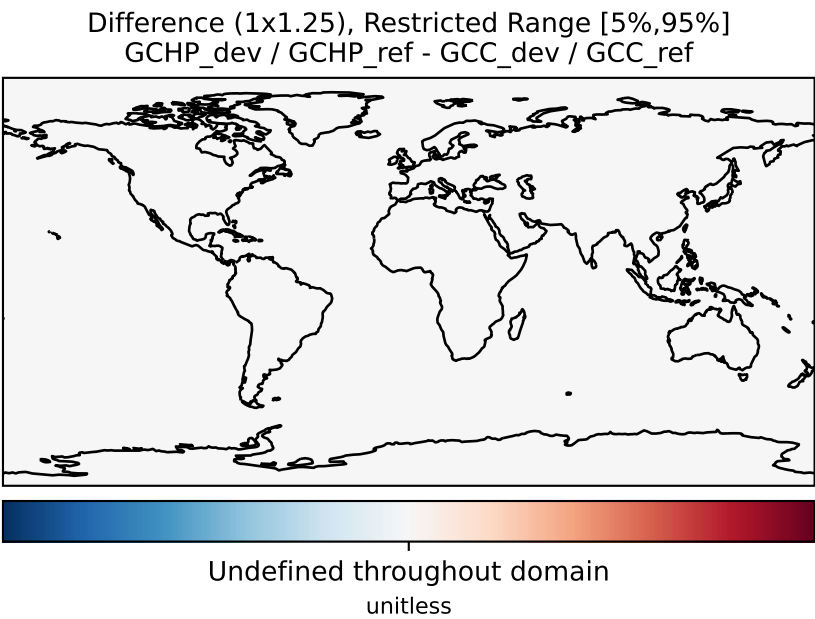
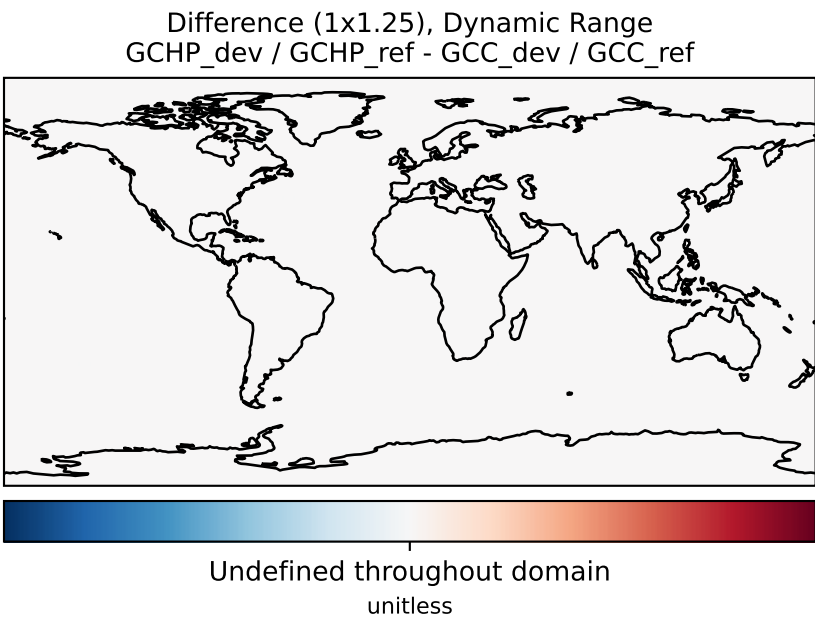
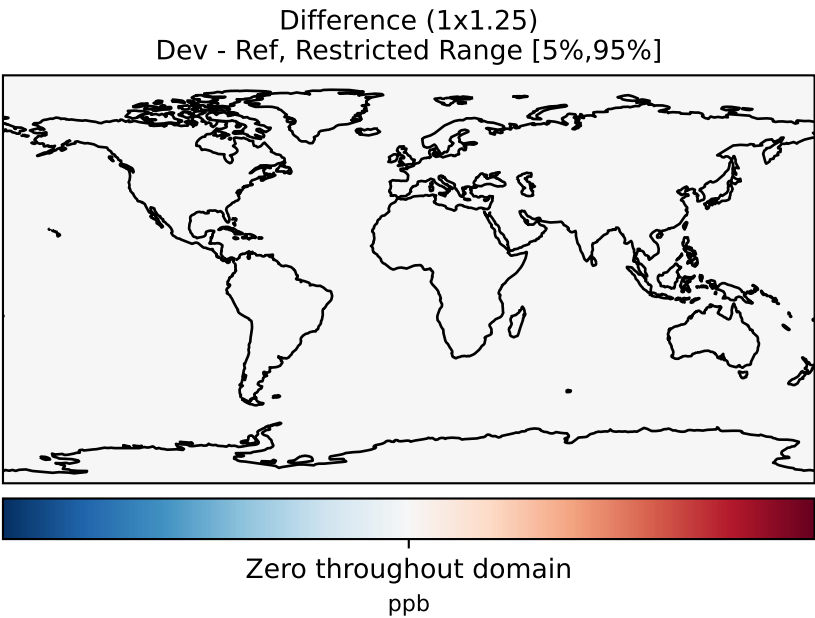
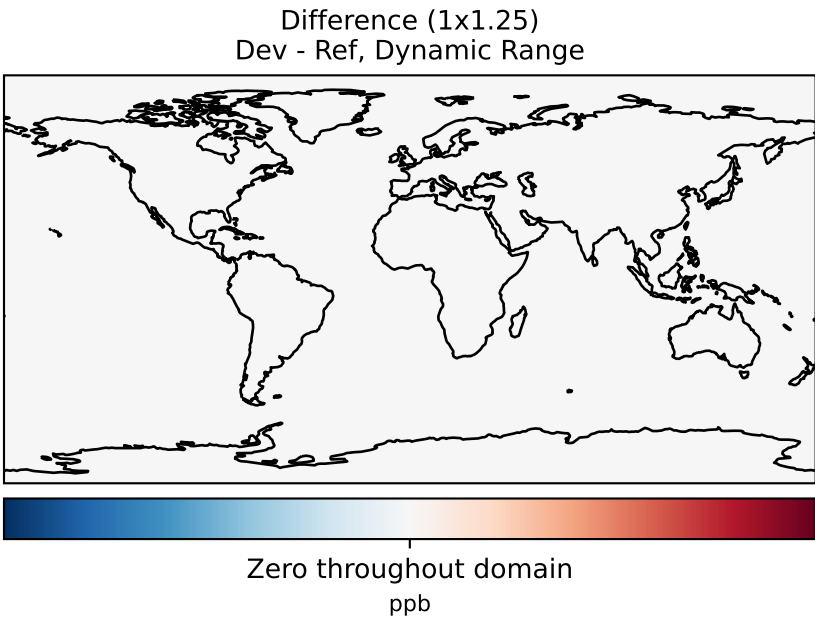
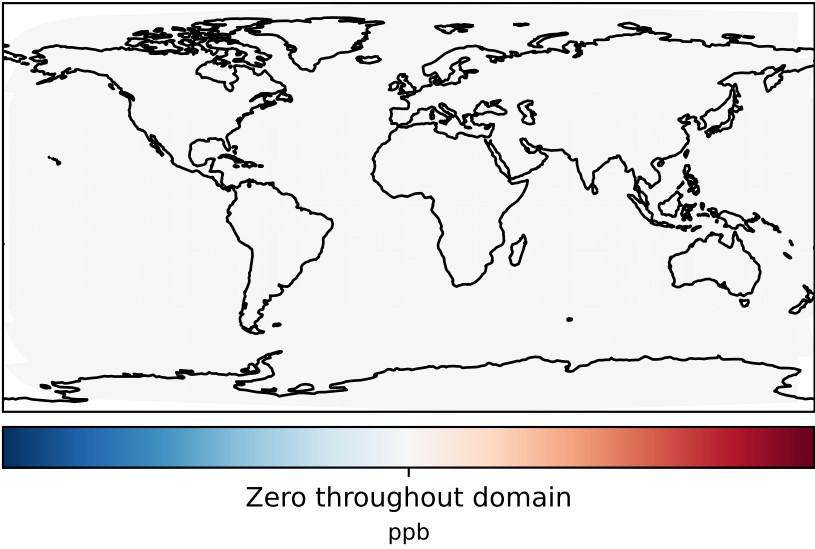
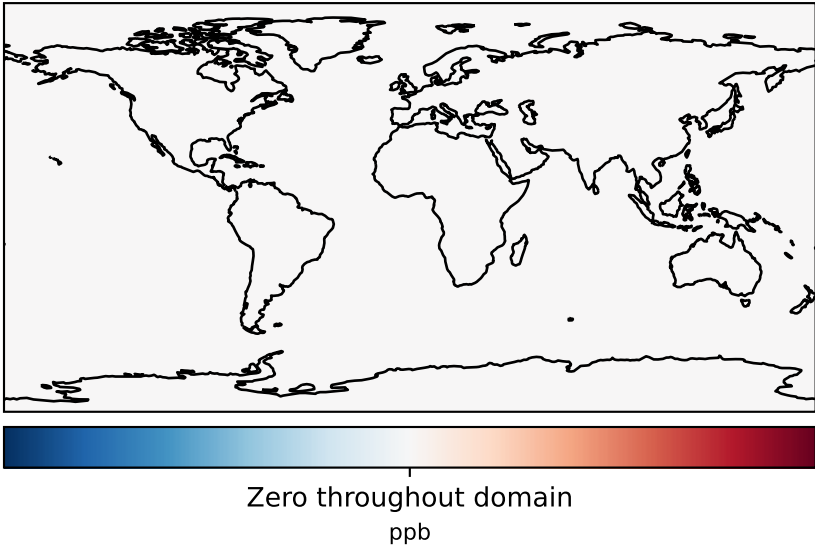
SpeciesConcVV_NO3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



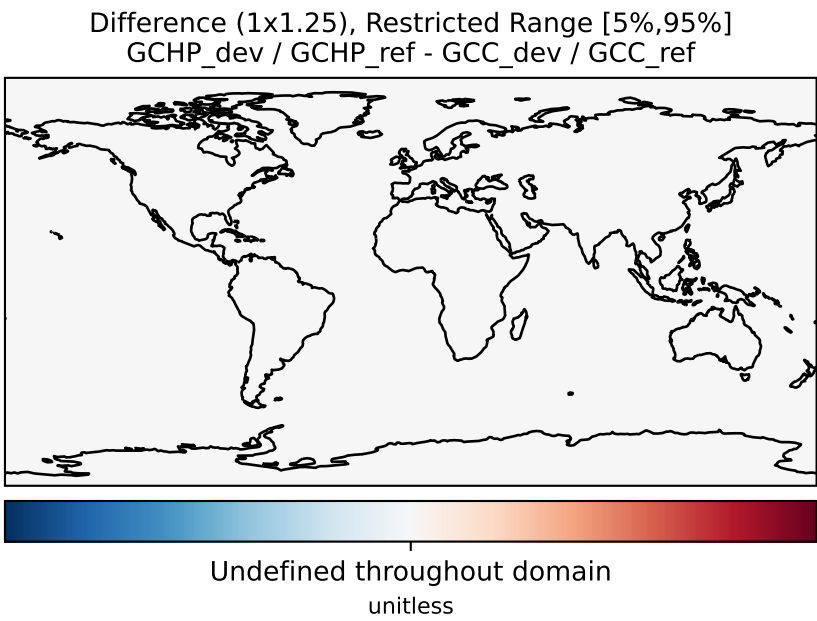
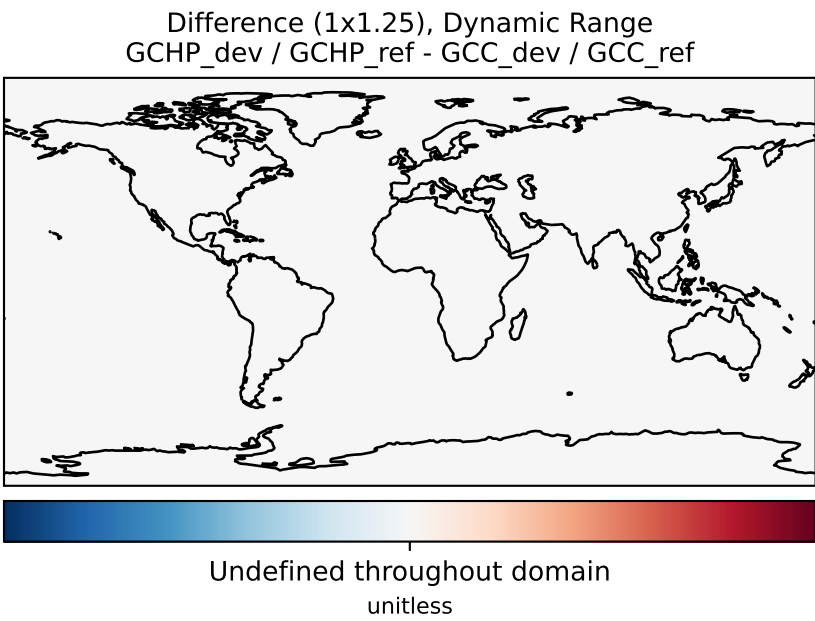
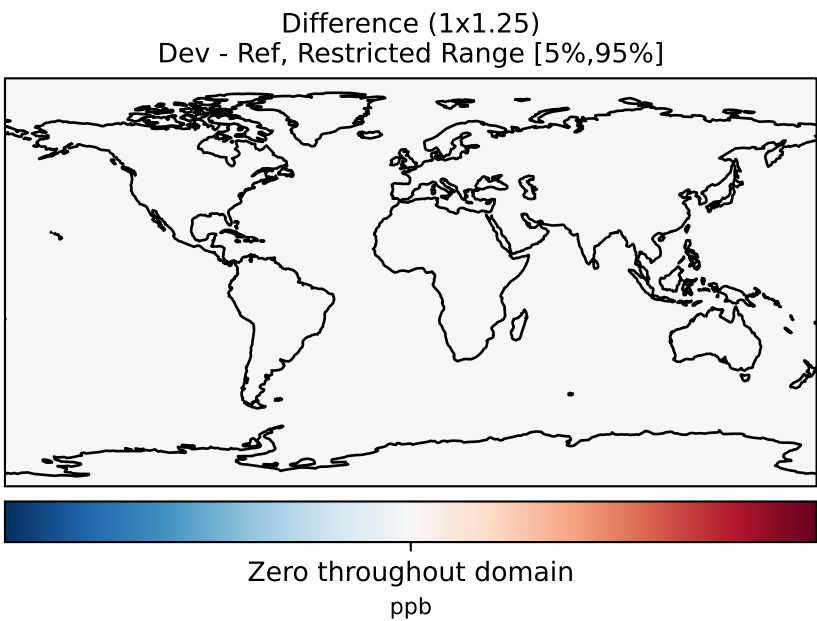
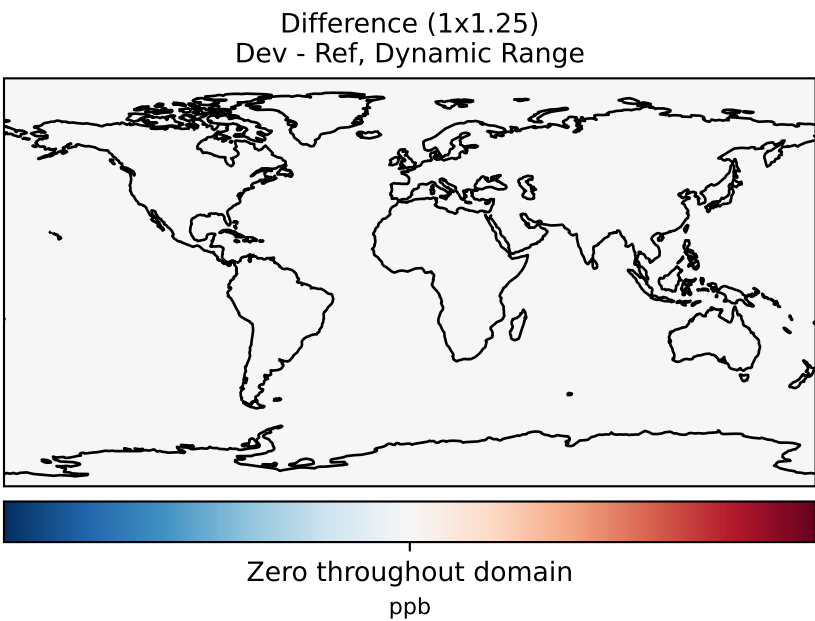
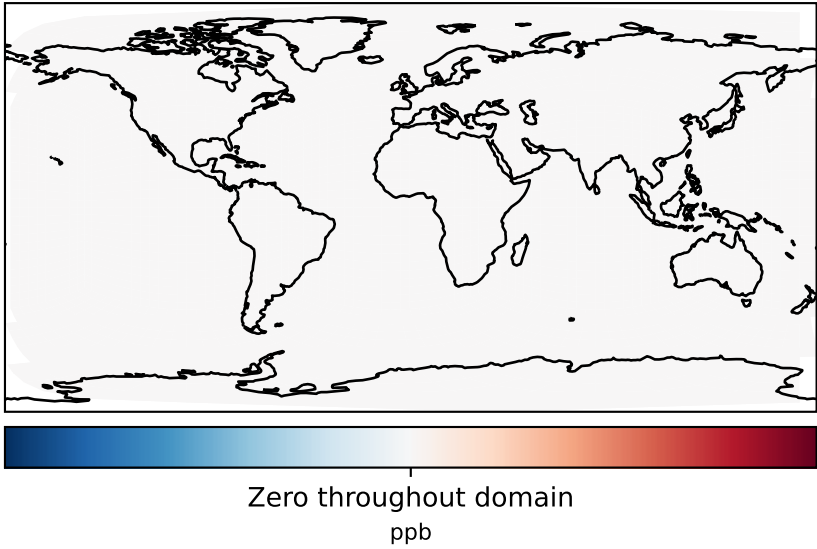
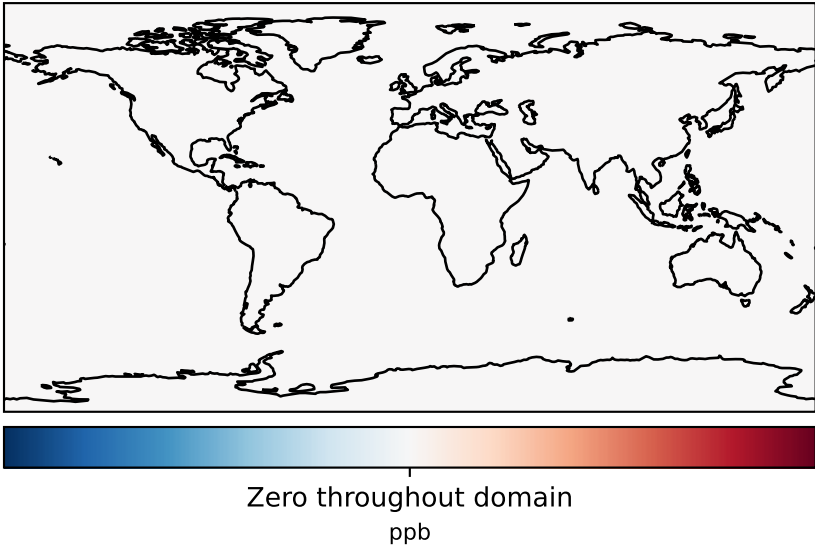
SpeciesConcVV_N2O5

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



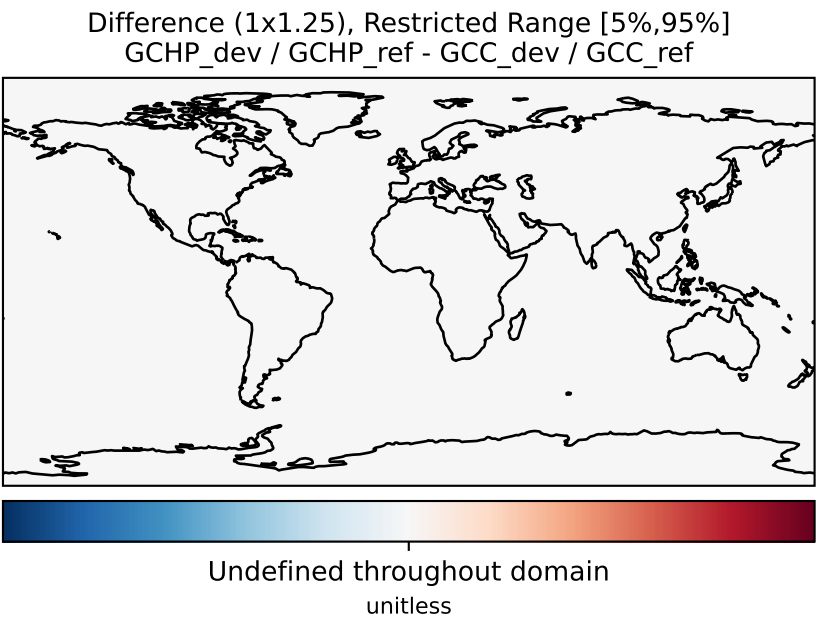
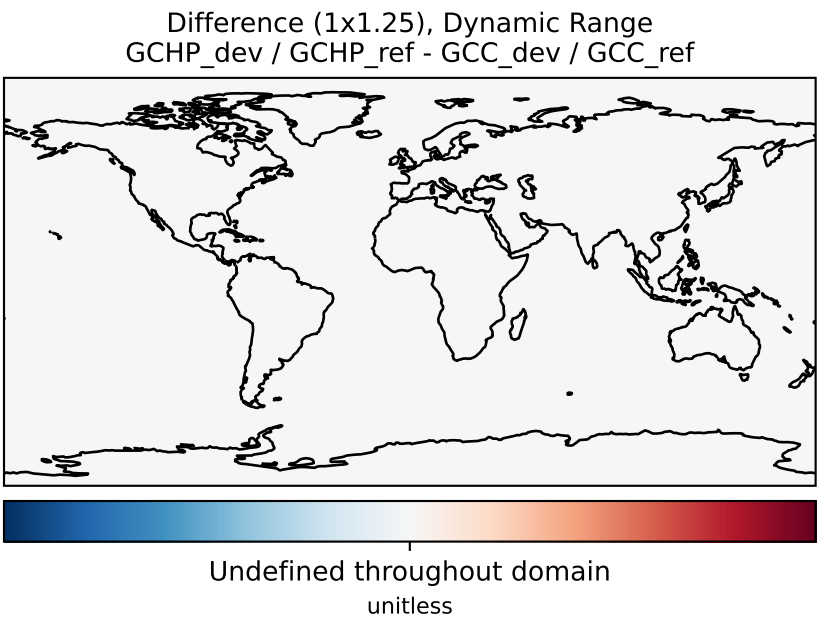
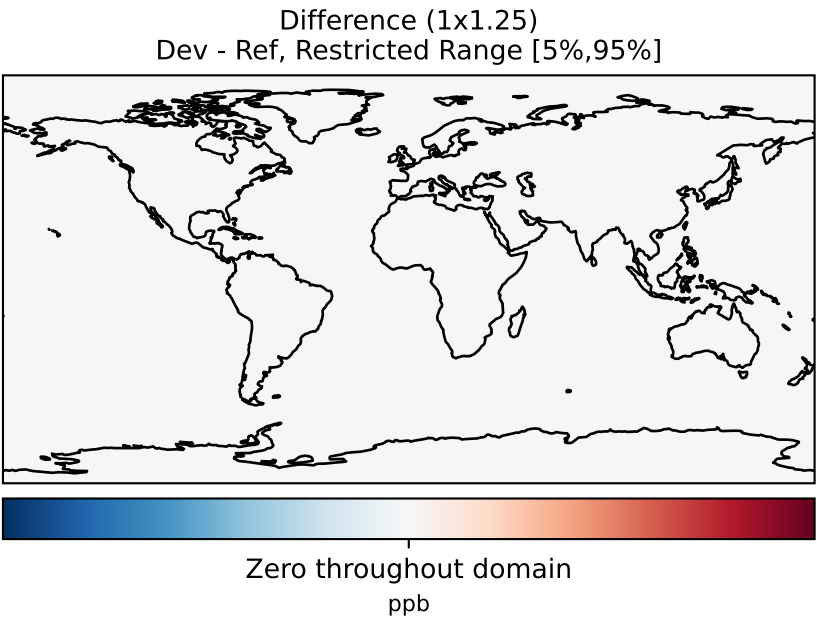
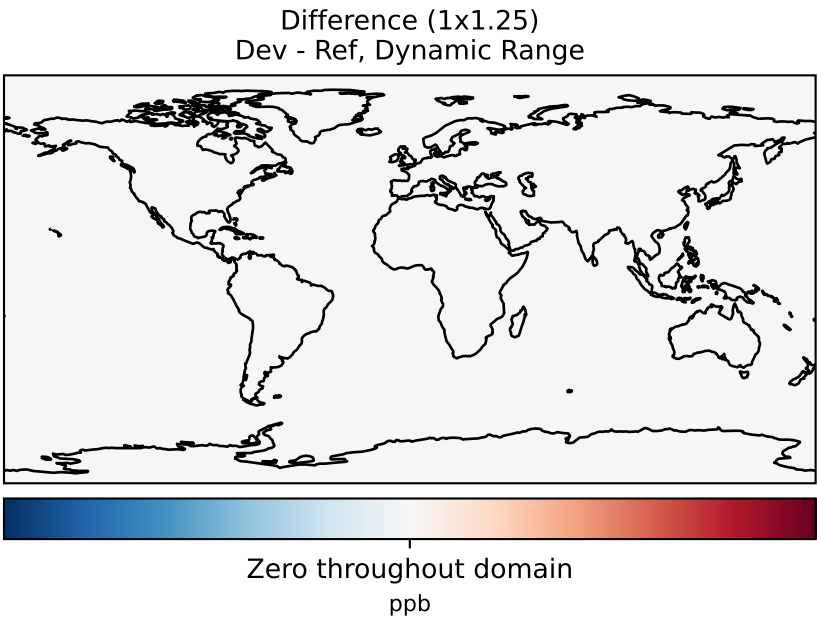
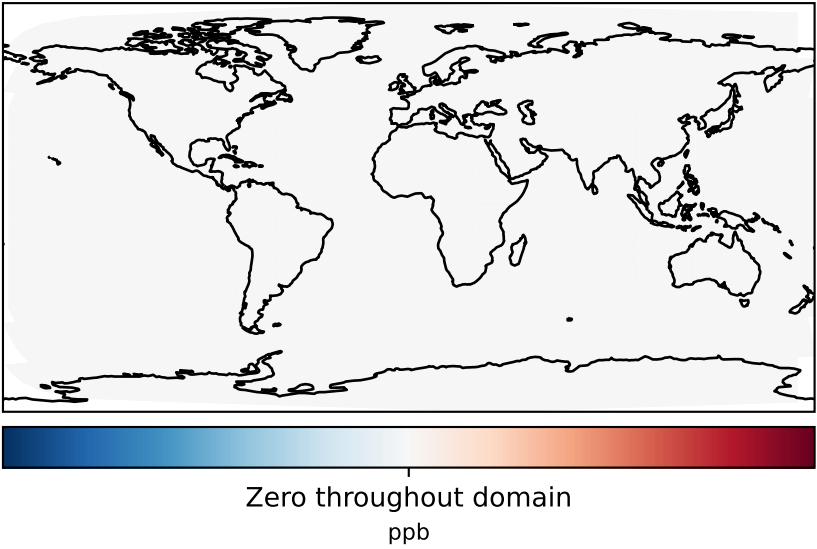
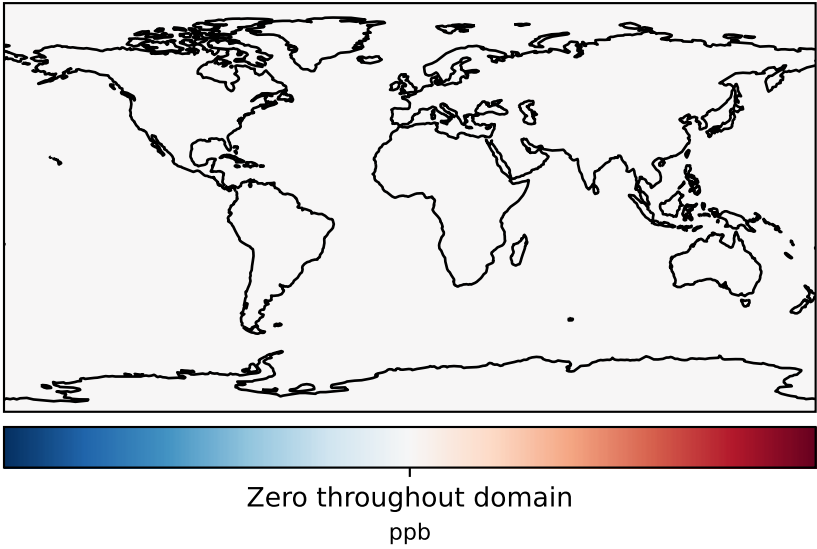
SpeciesConcVV_MPN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



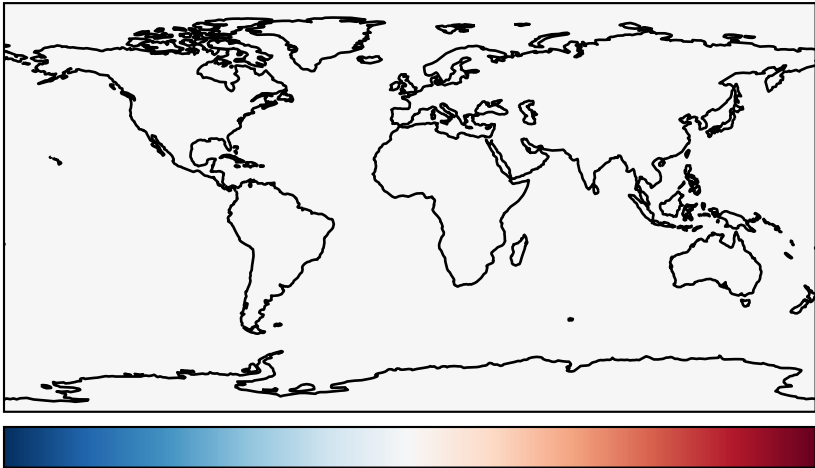
SpeciesConcVV_PAN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

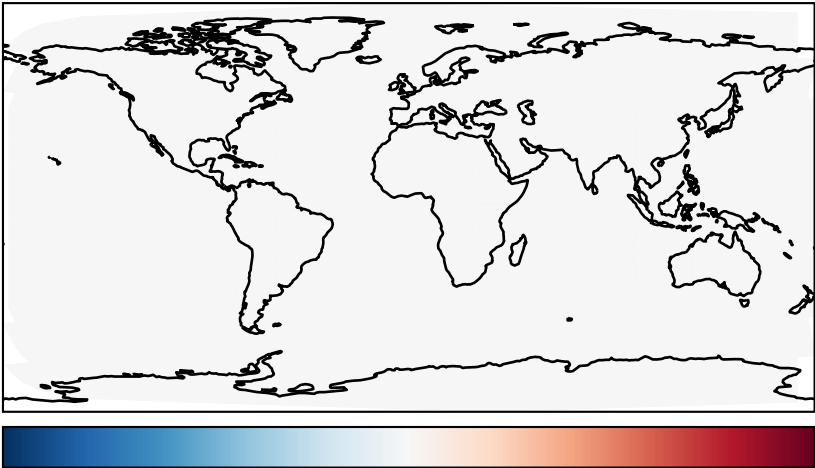


SpeciesConcVV_PPN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

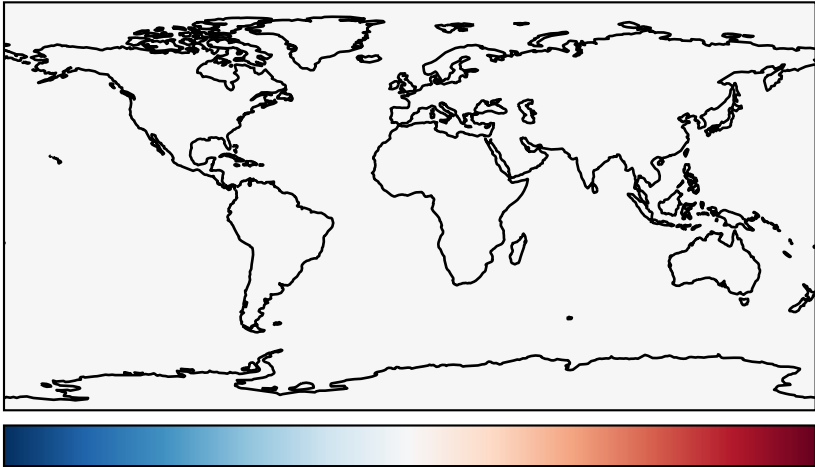


Zero throughout domain
ppb



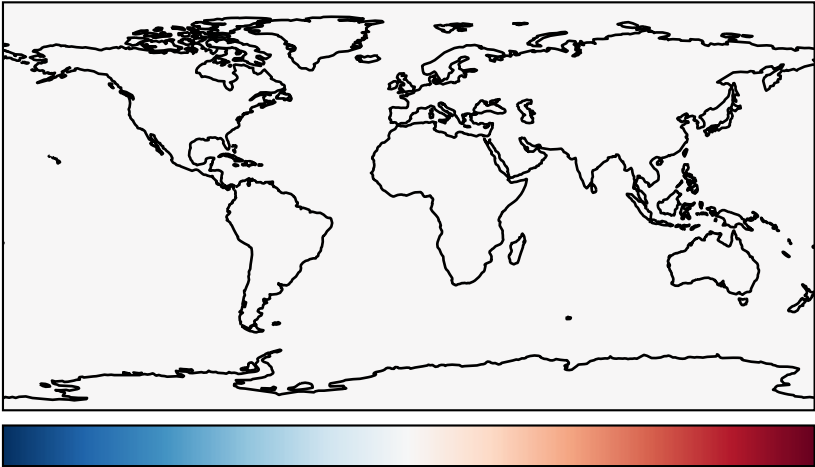
Zero throughout domain
ppb

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



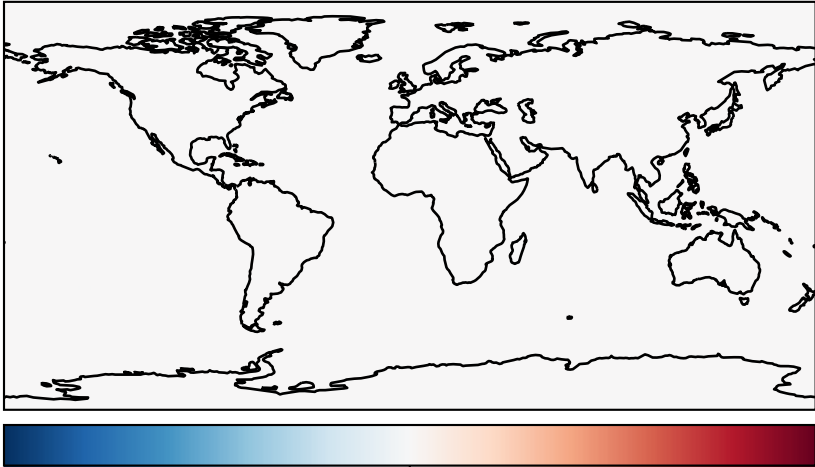
Zero throughout domain
ppb

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



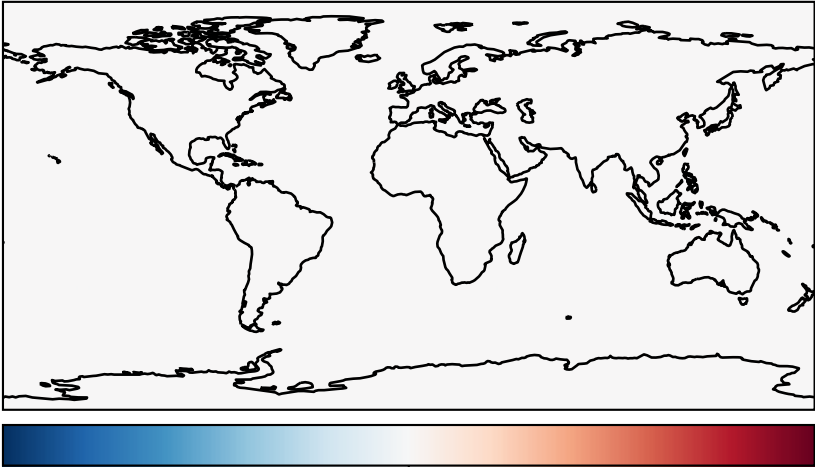
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

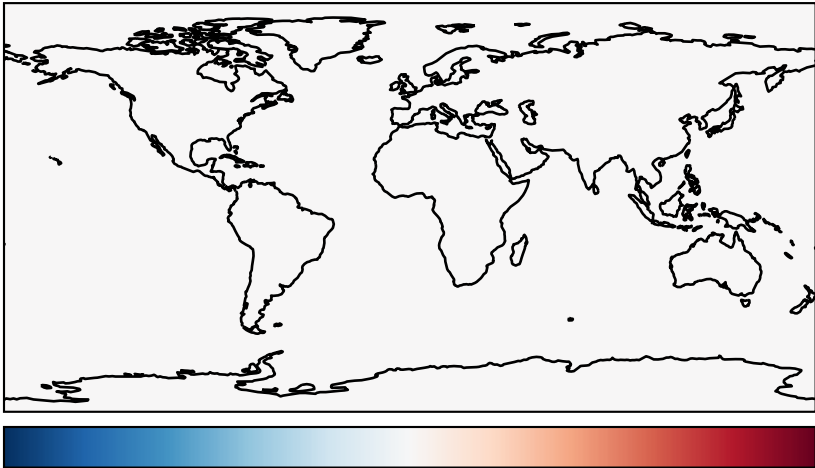
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



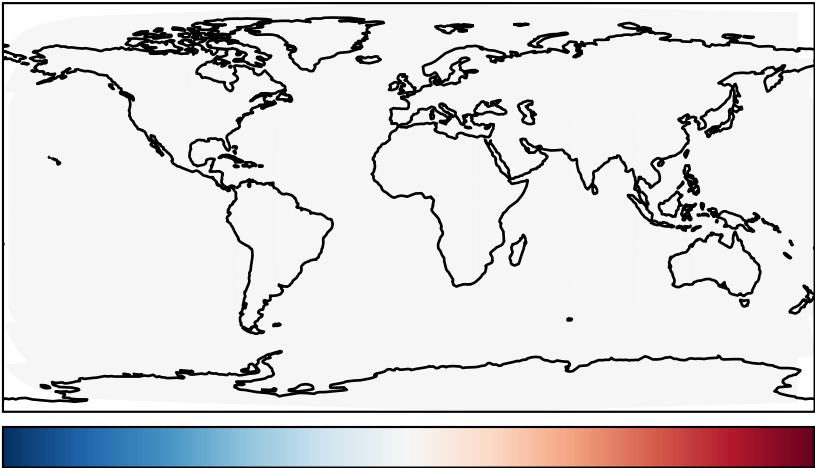
Undefined throughout domain
unitless

SpeciesConcVV_N2O

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

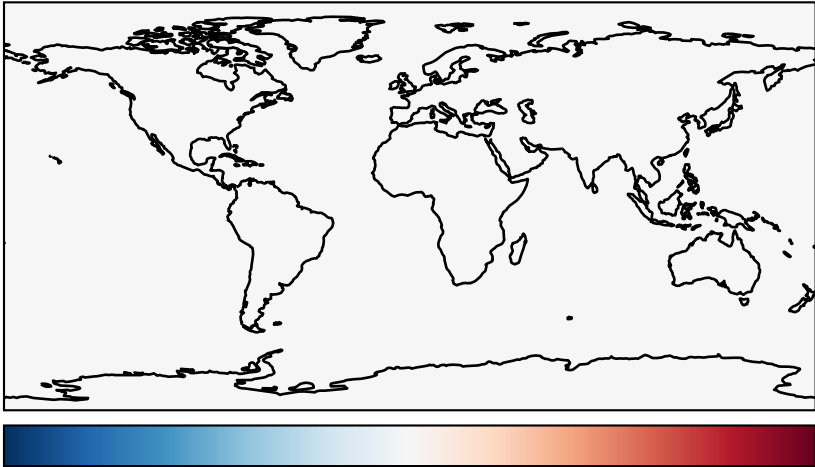


Zero throughout domain
ppb



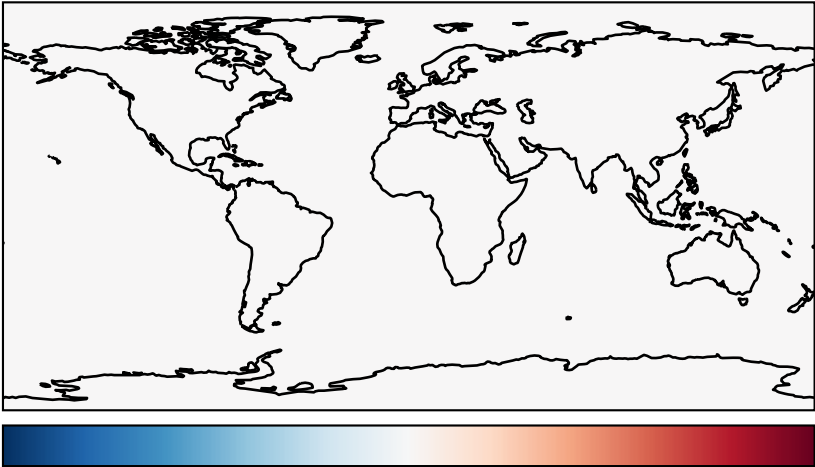
Zero throughout domain
ppb

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



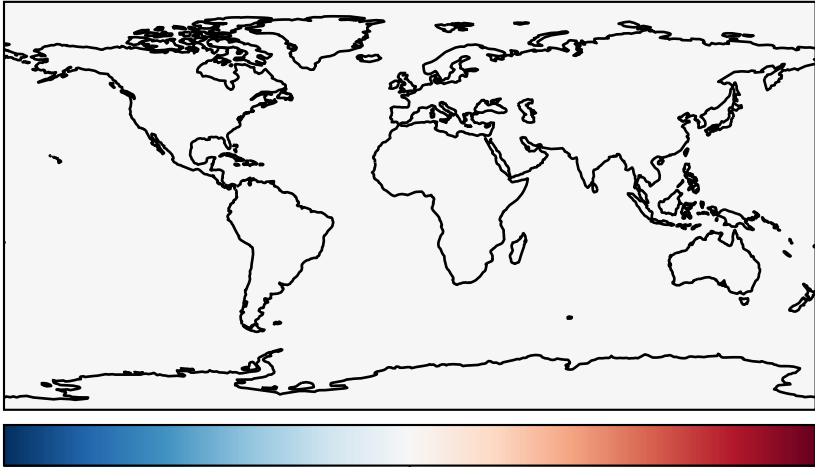
Zero throughout domain
ppb

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



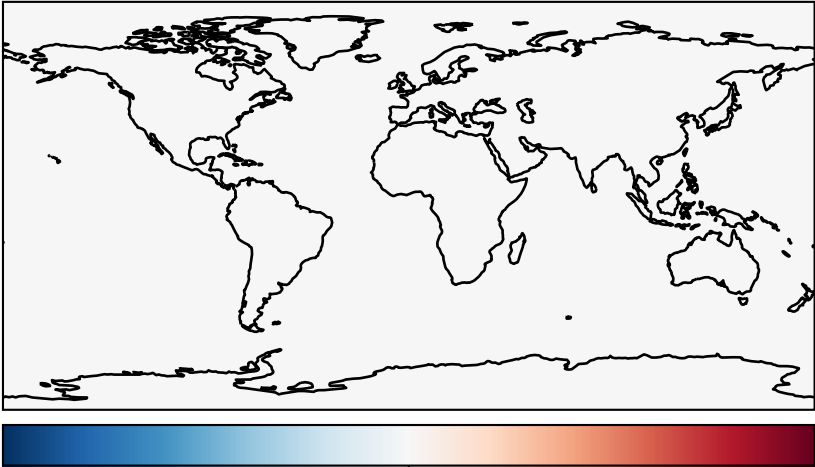
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

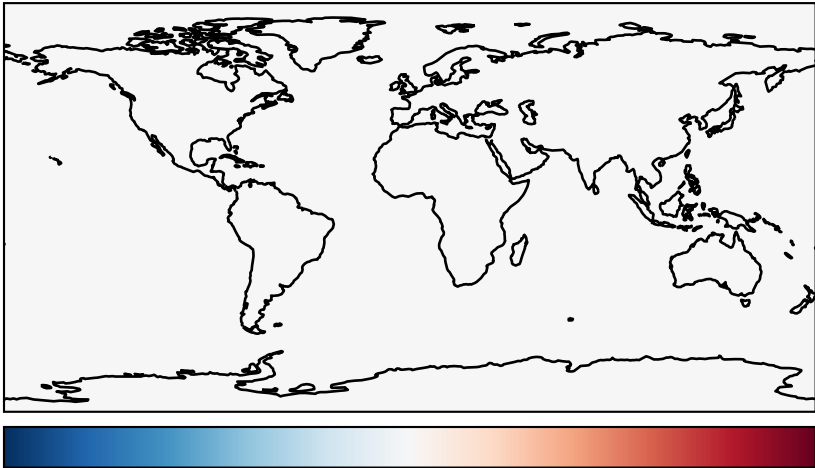
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



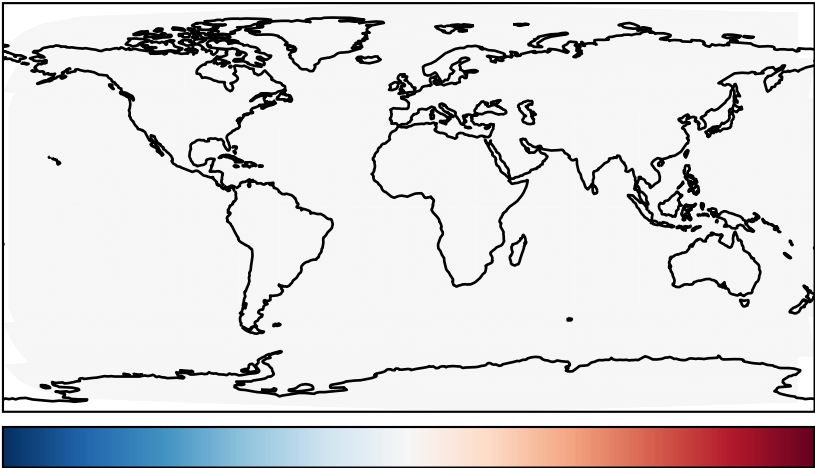
Undefined throughout domain
unitless

SpeciesConcVV_NHx

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

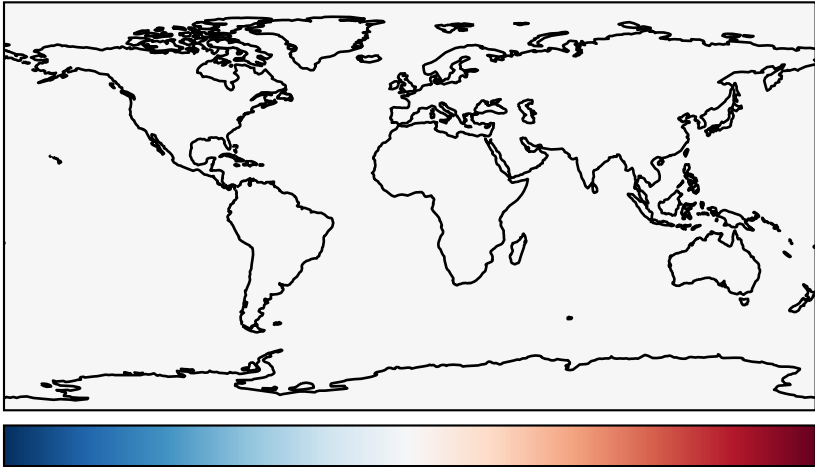


Zero throughout domain
ppb



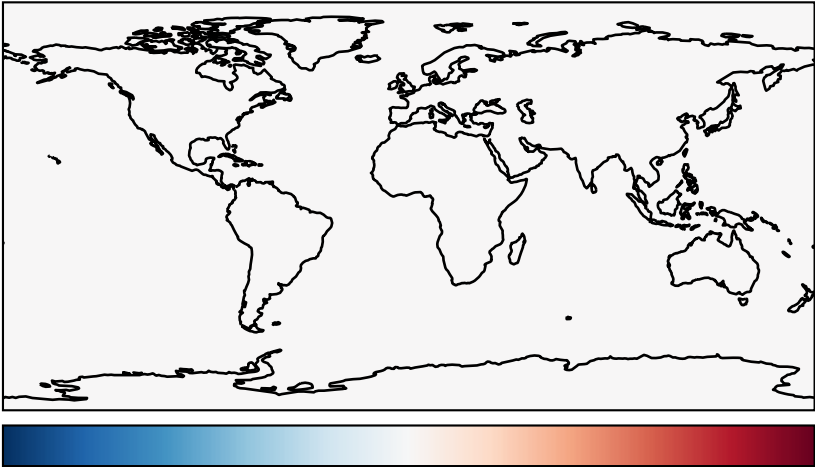
Zero throughout domain
ppb

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



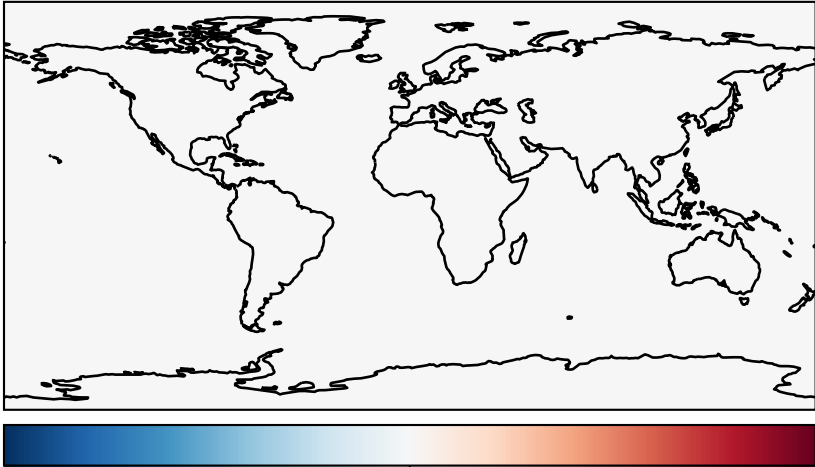
Zero throughout domain
ppb

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



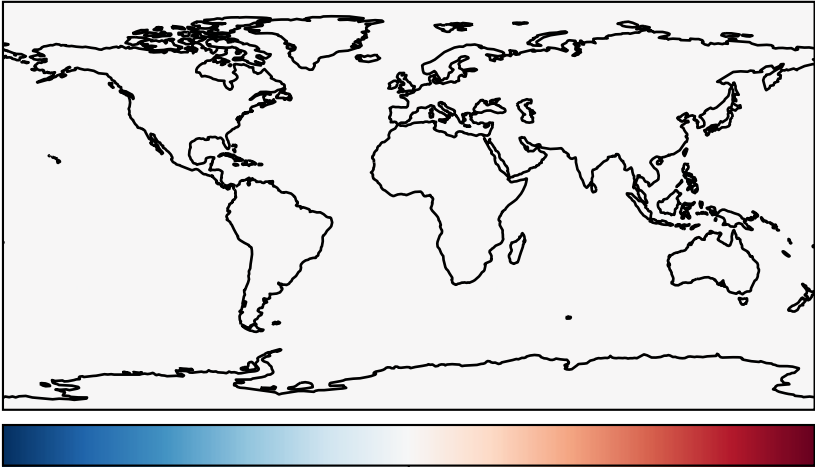
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

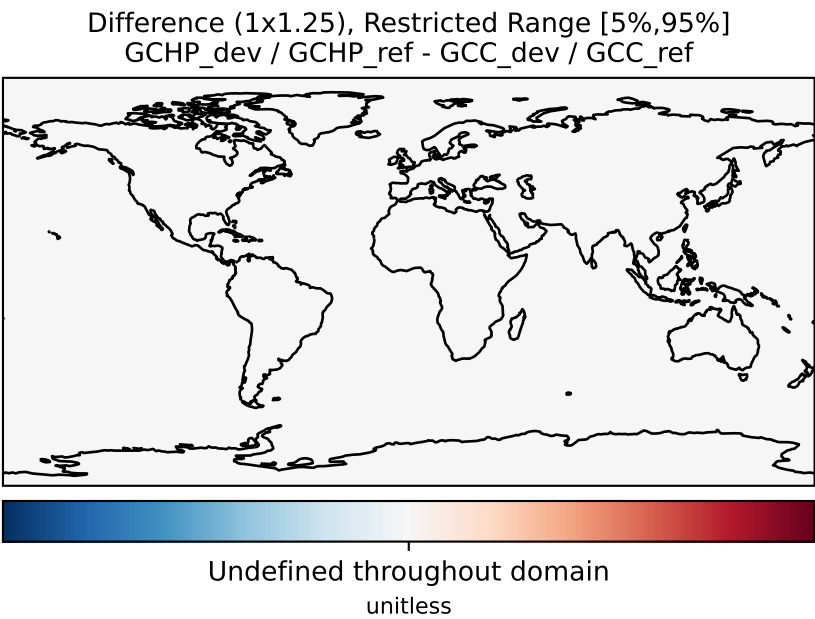
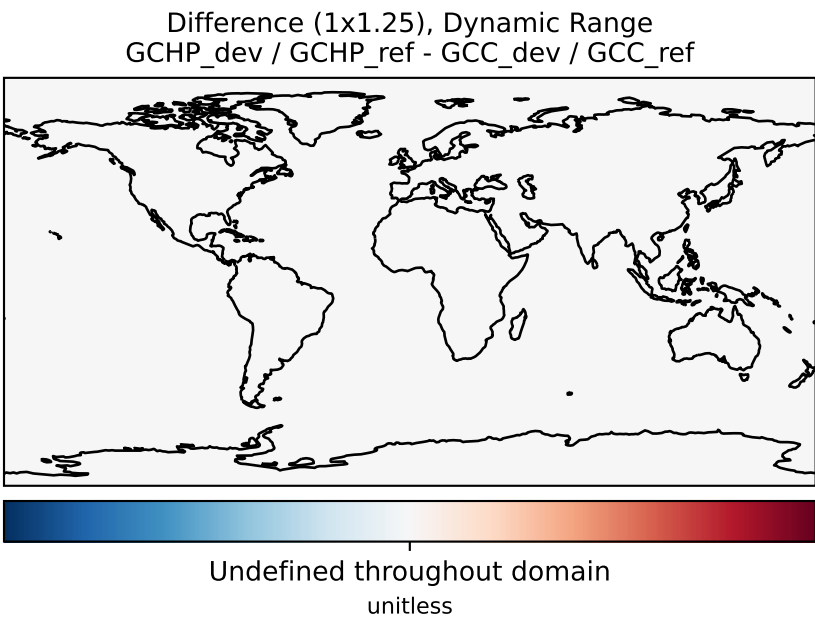
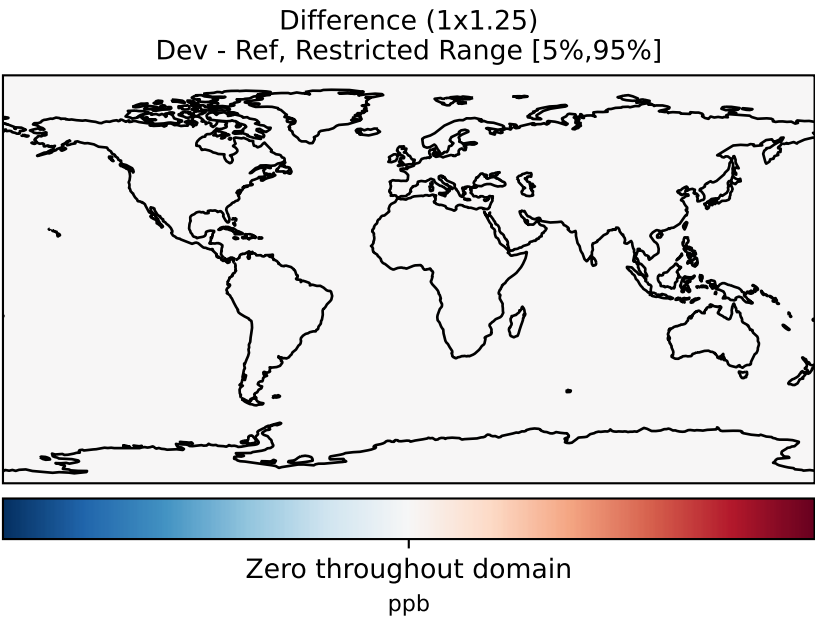
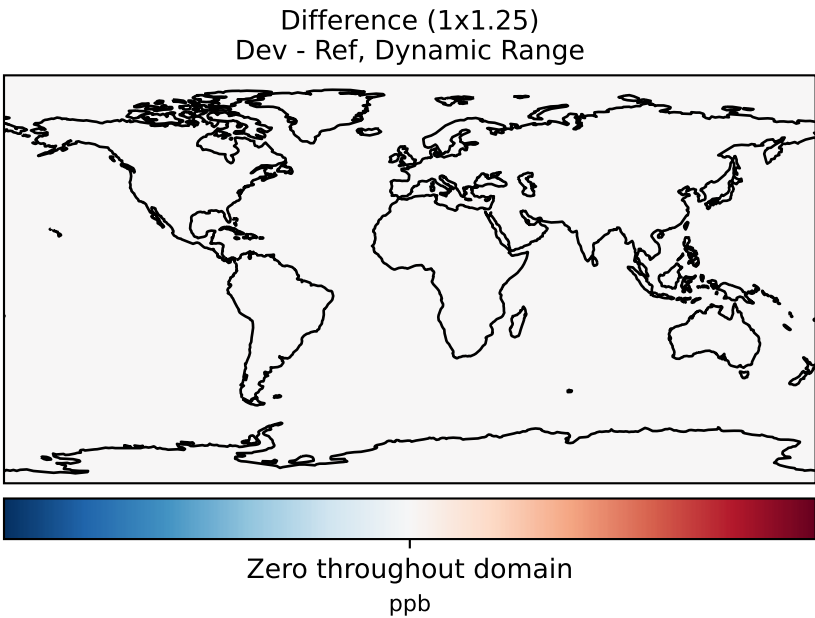
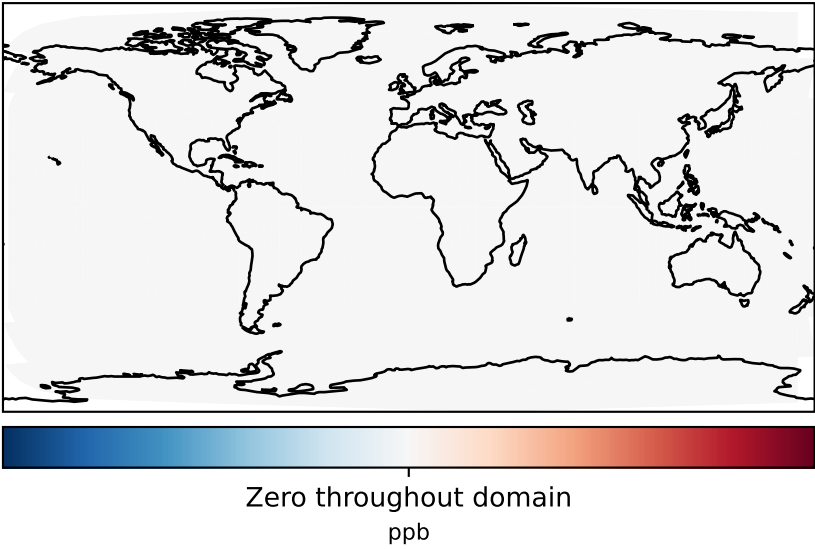
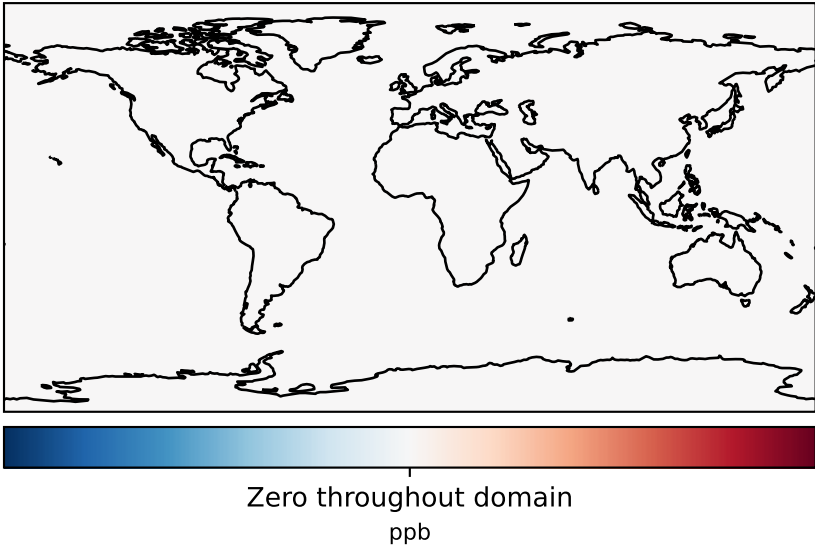
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Undefined throughout domain
unitless

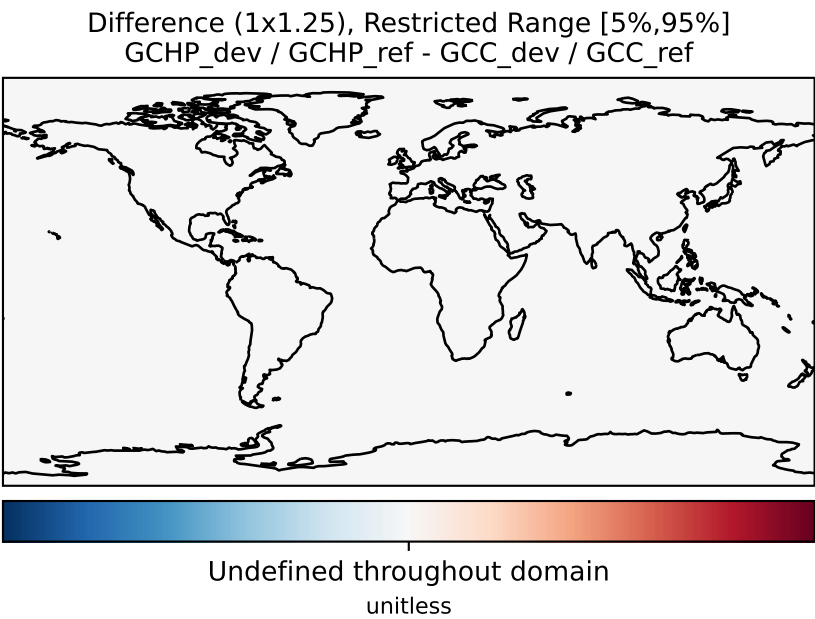
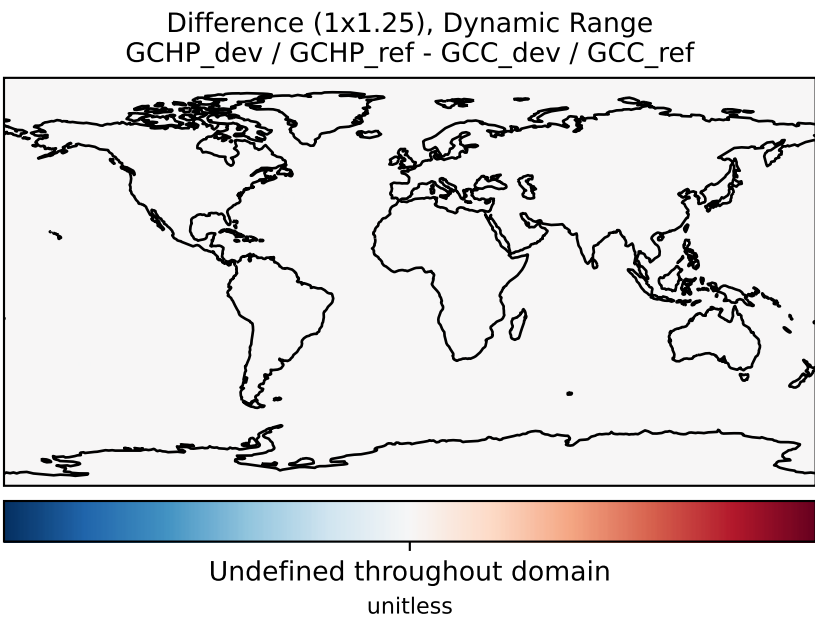
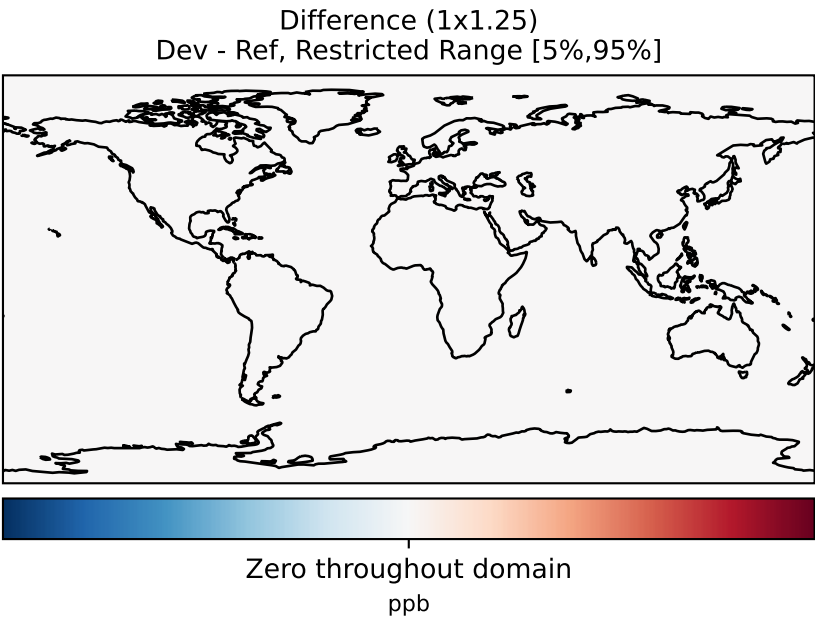
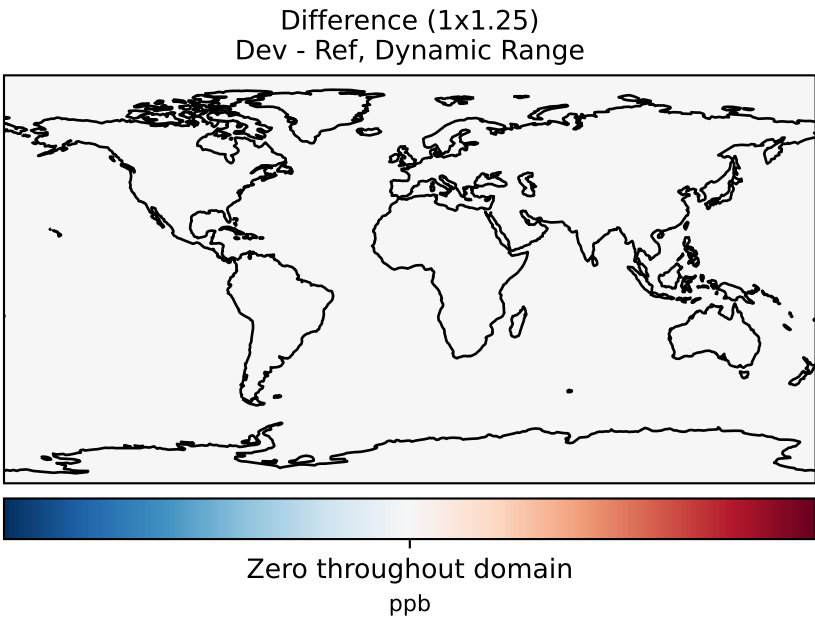
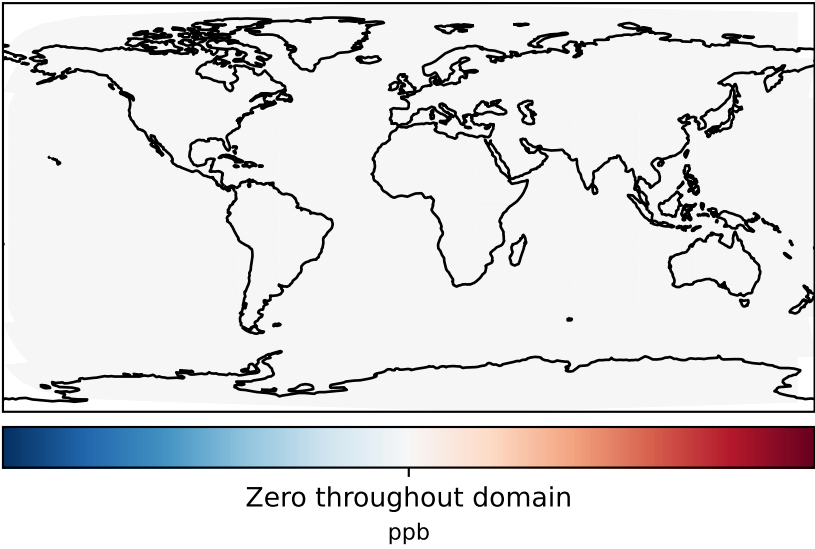
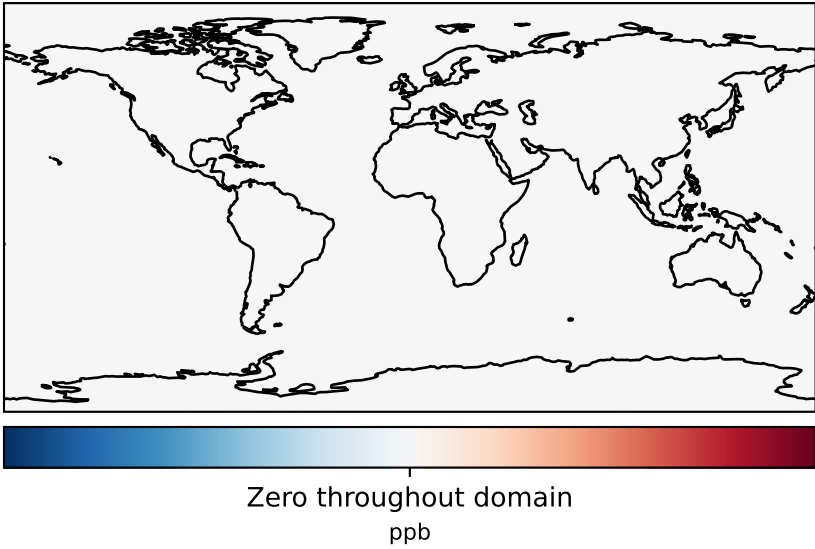
SpeciesConcVV_NH3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



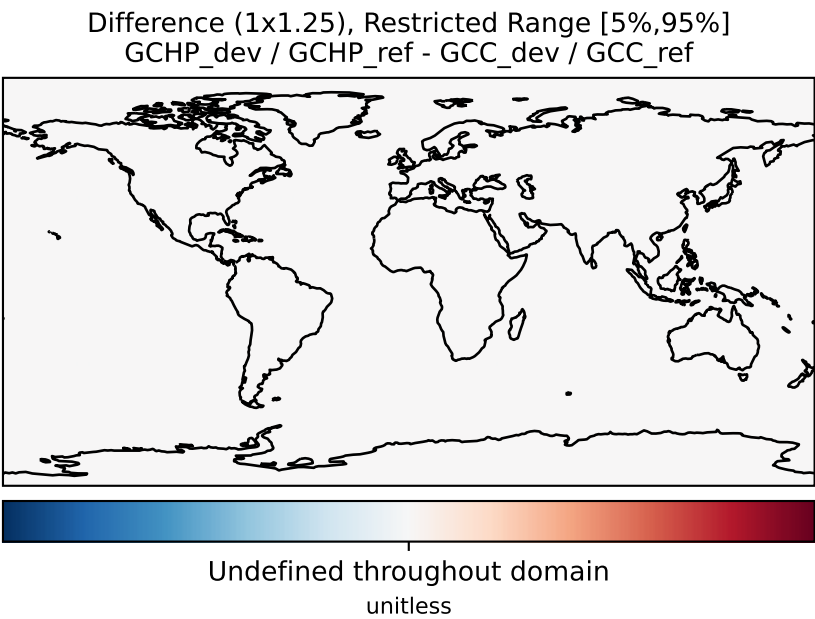
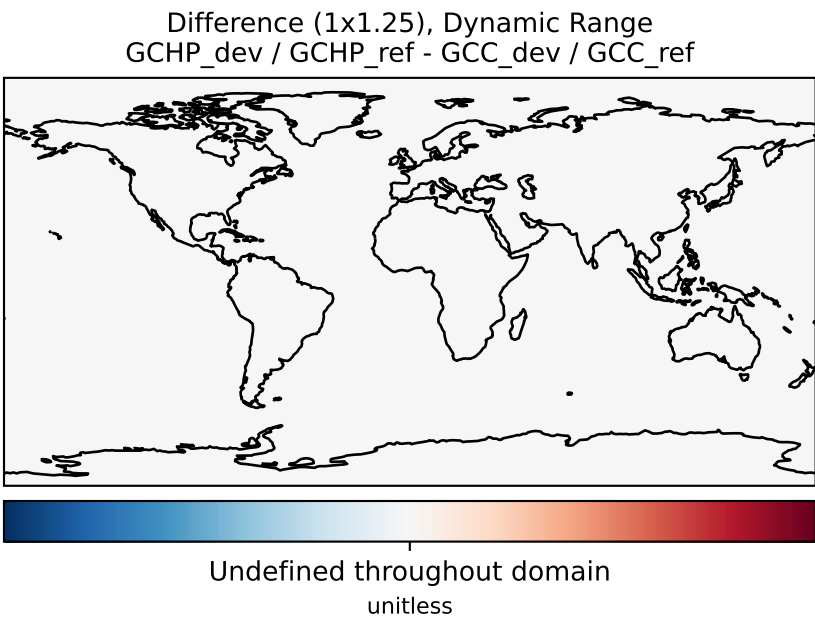
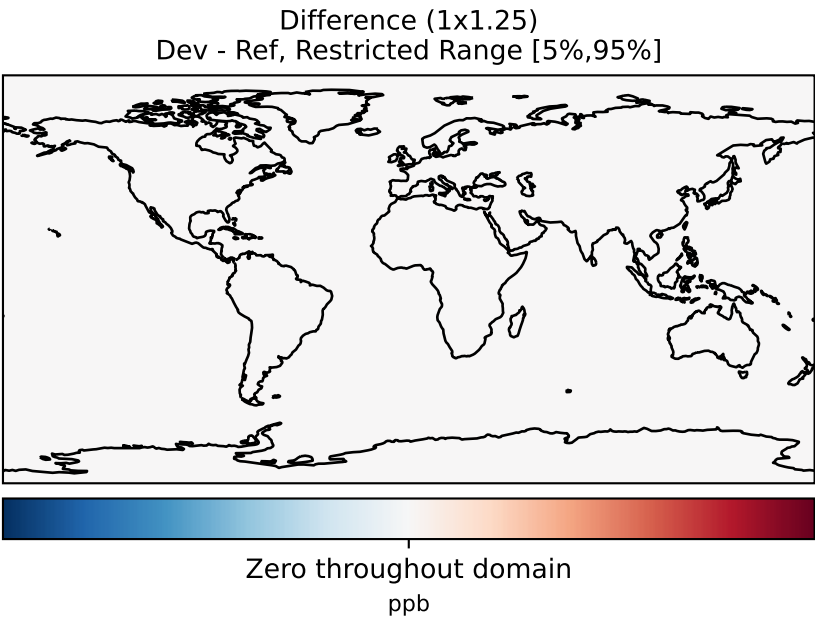
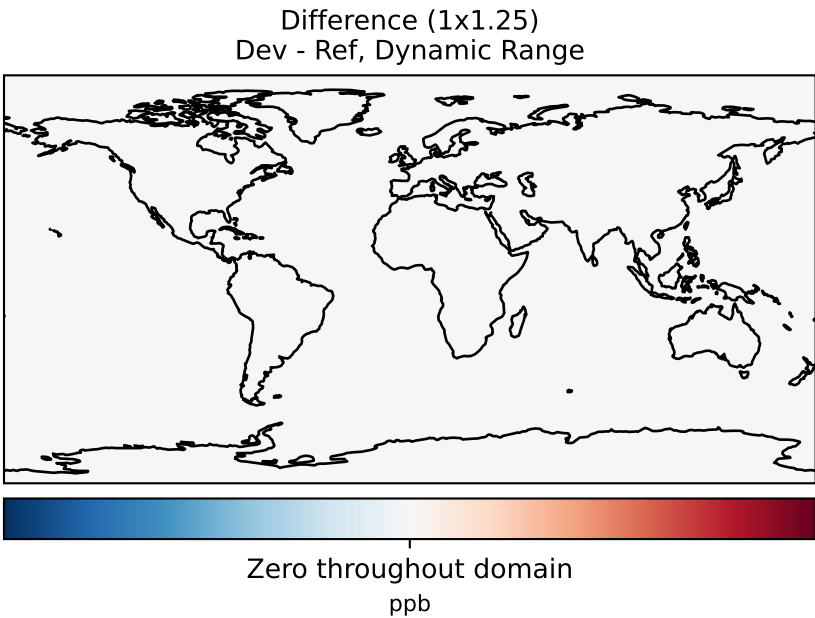
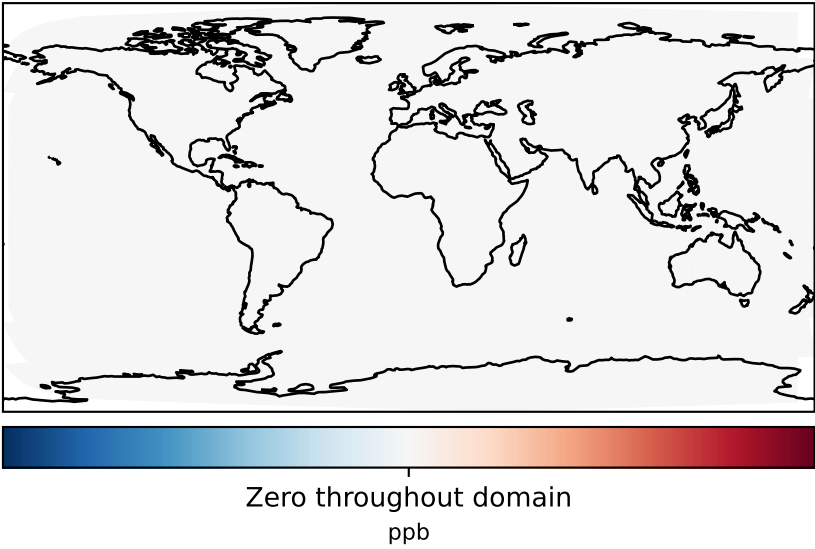
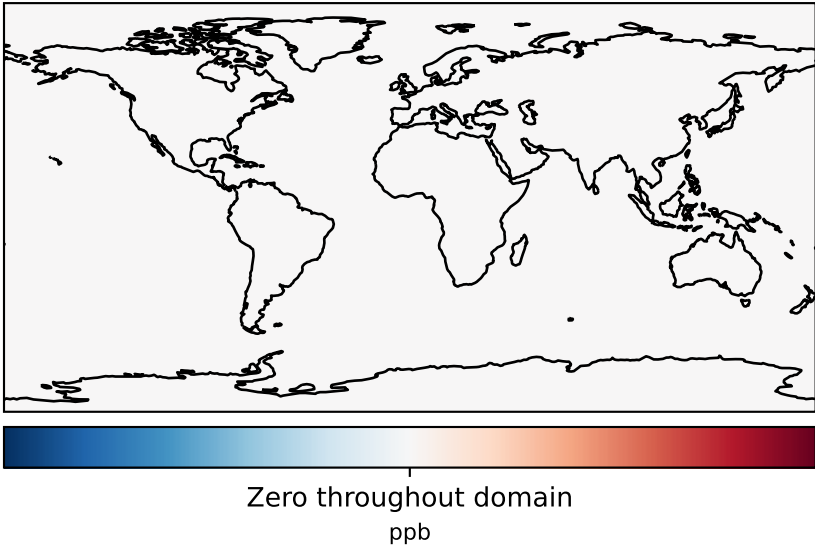
SpeciesConcVV_NH4

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



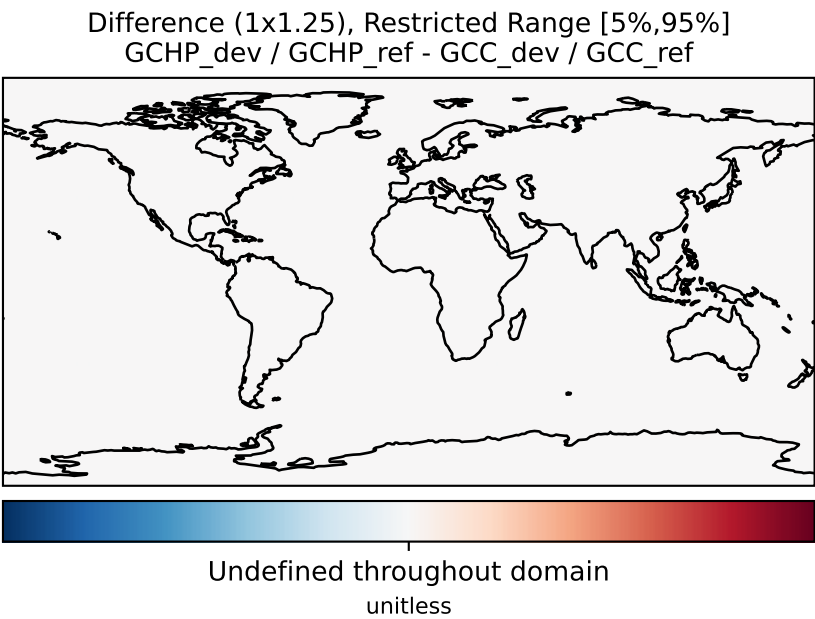
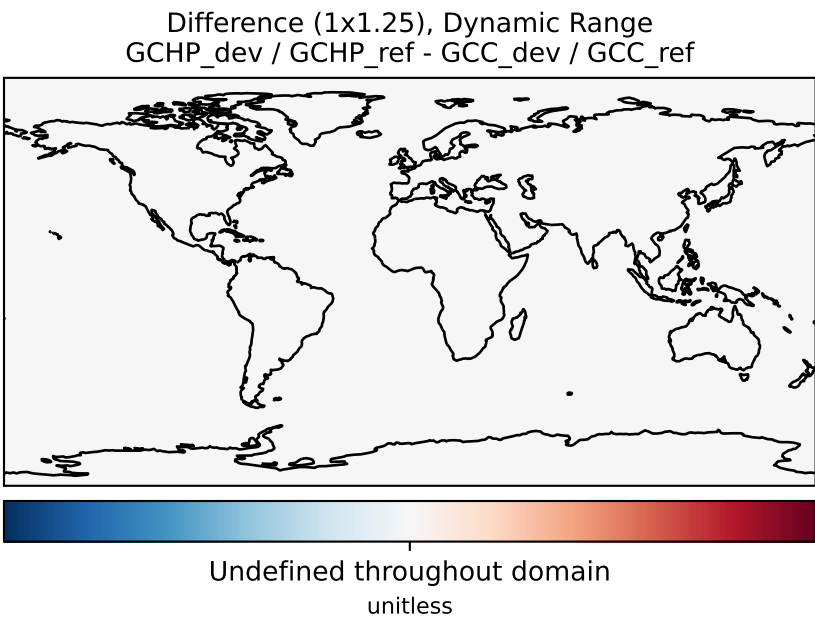
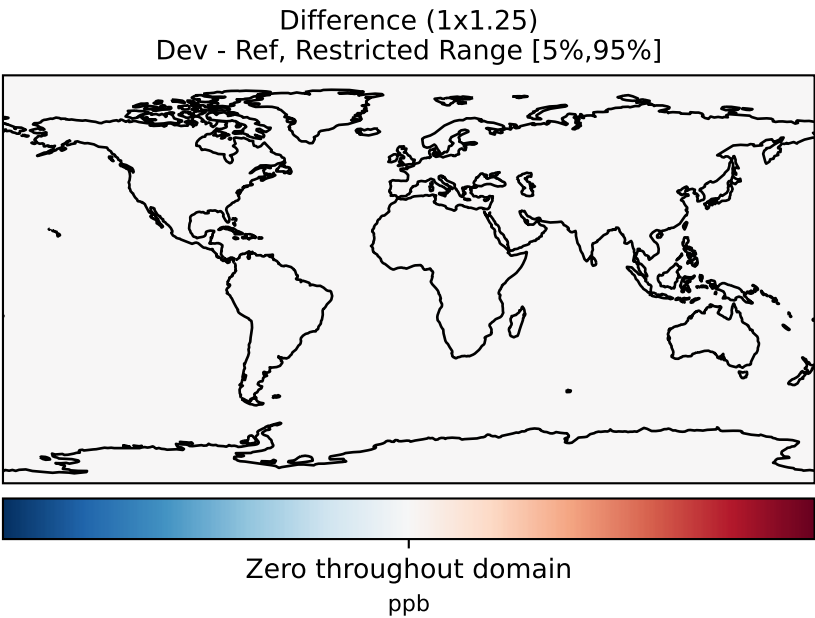
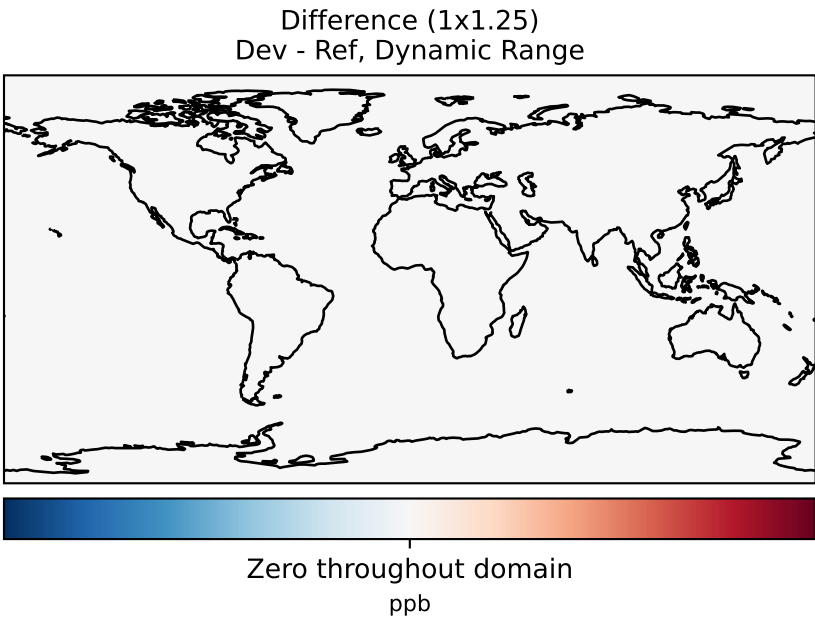
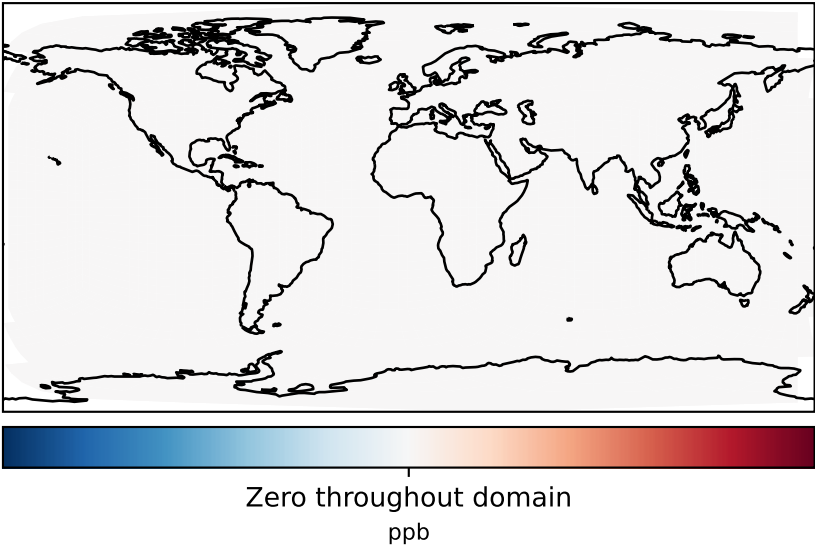
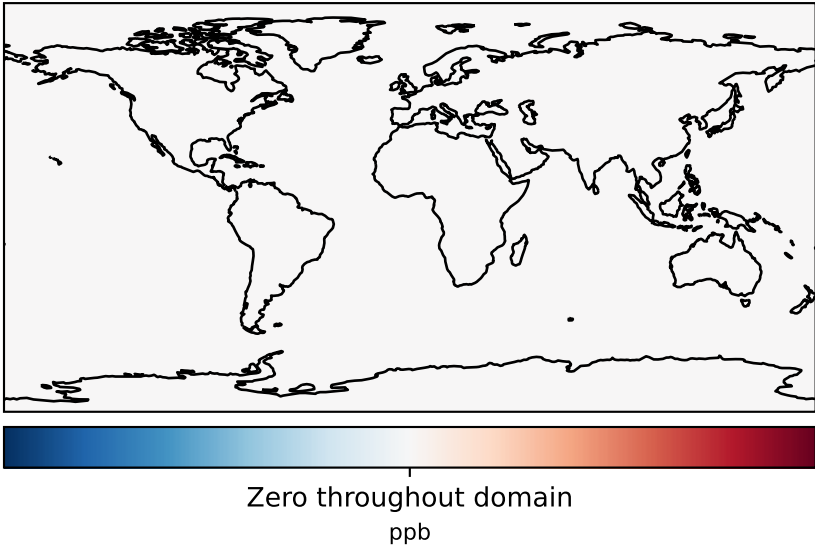
SpeciesConcVV_MENO3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



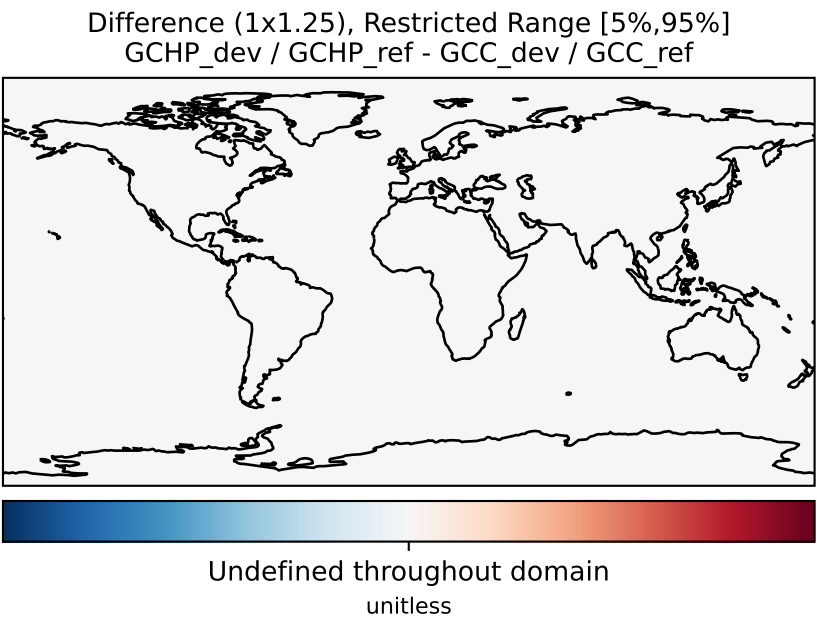
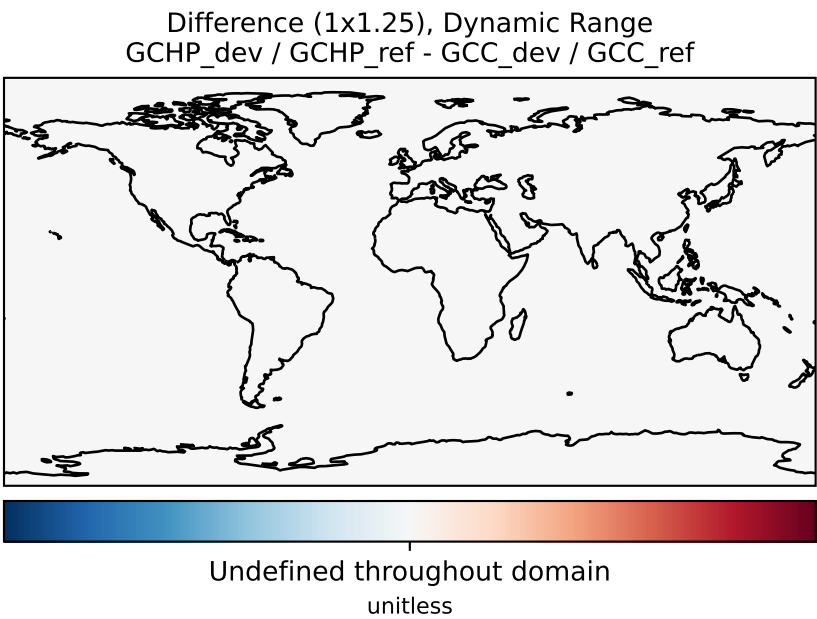
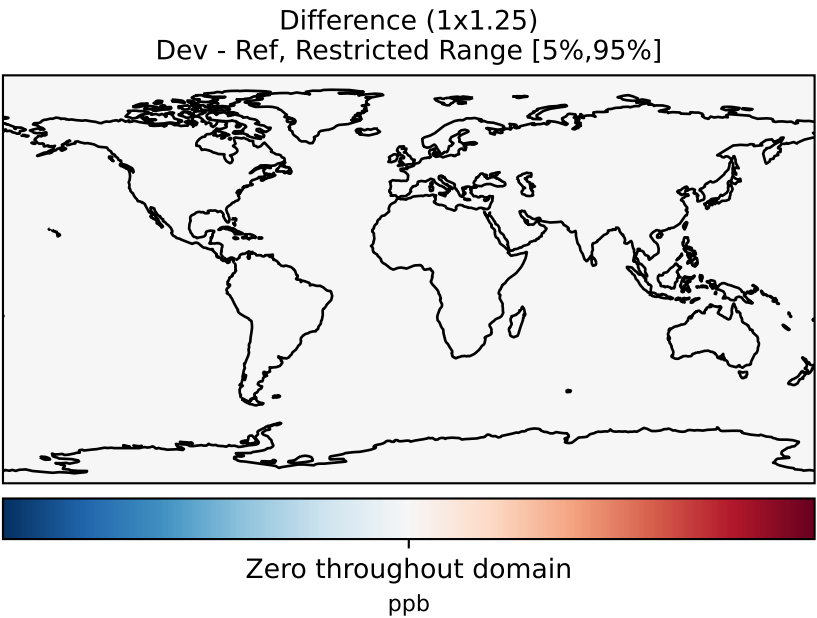
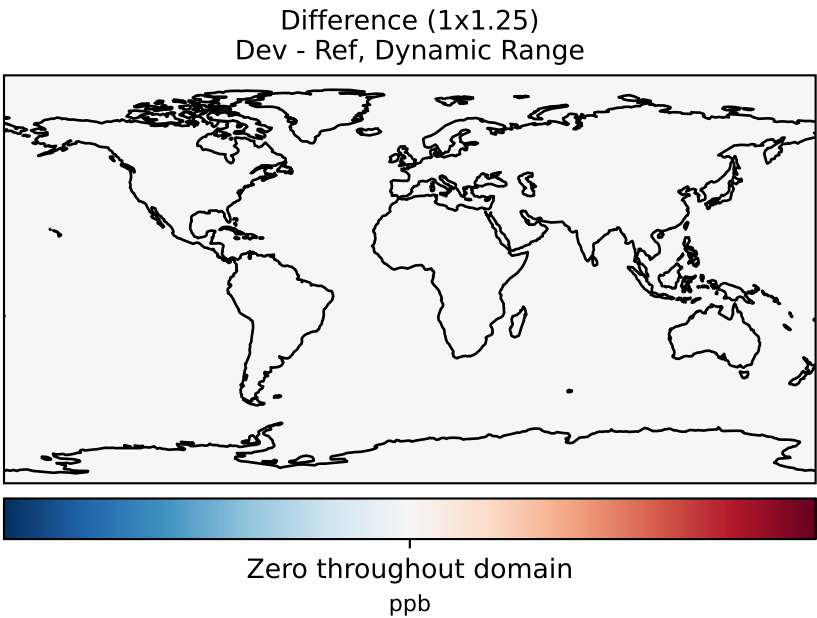
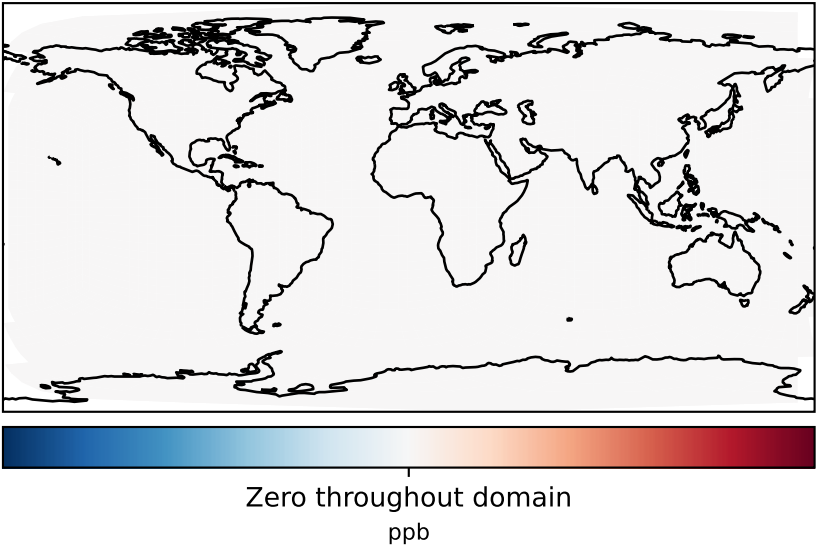
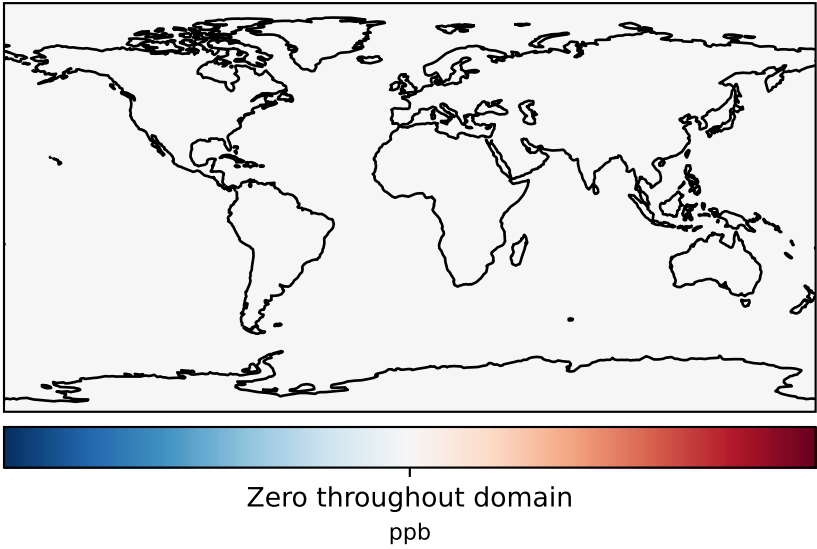
SpeciesConcVV_ETN03

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



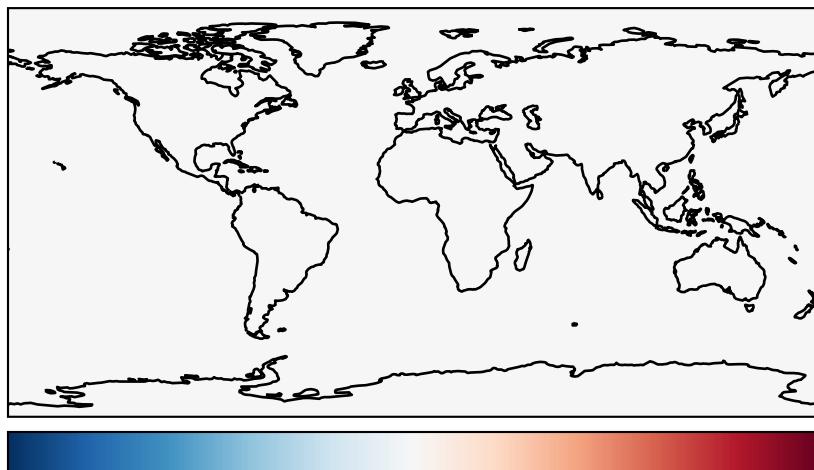
SpeciesConcVV_IPRNO3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

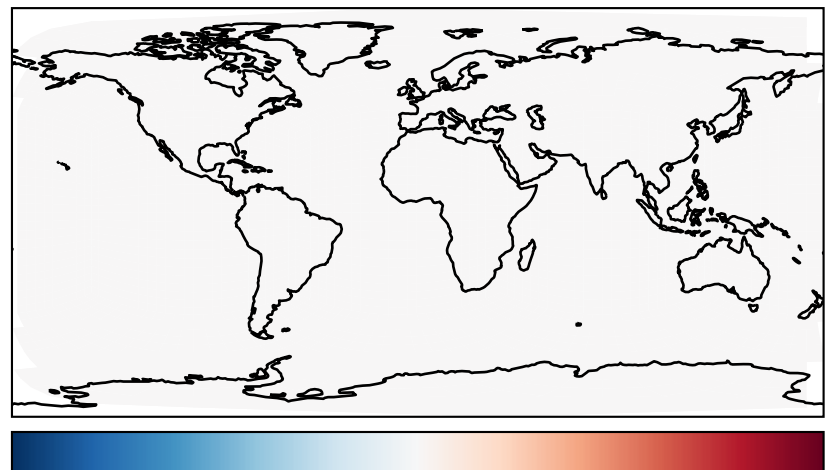


SpeciesConcVW_NPRNO3

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

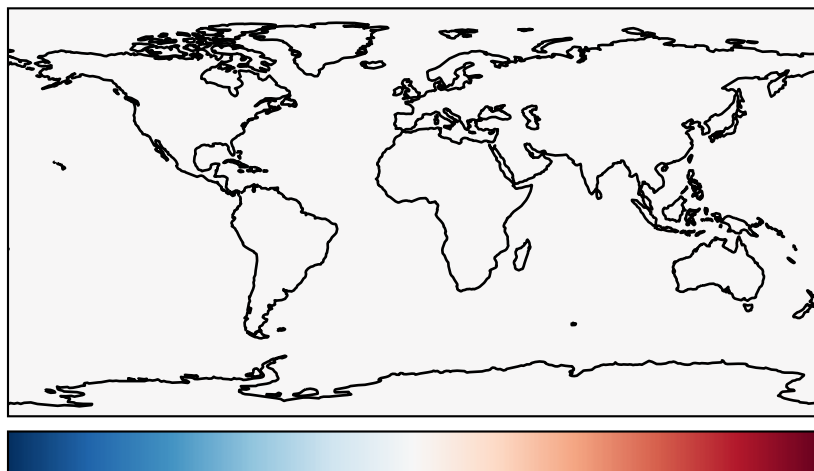


Zero throughout domain
ppb



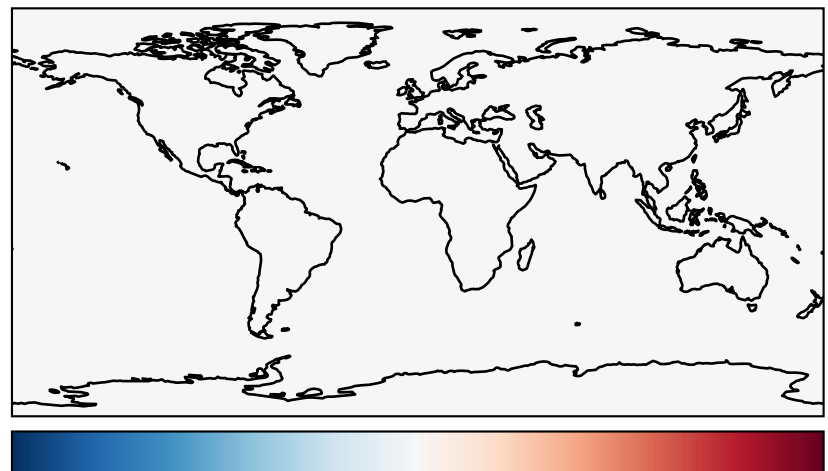
Zero throughout domain
ppb

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



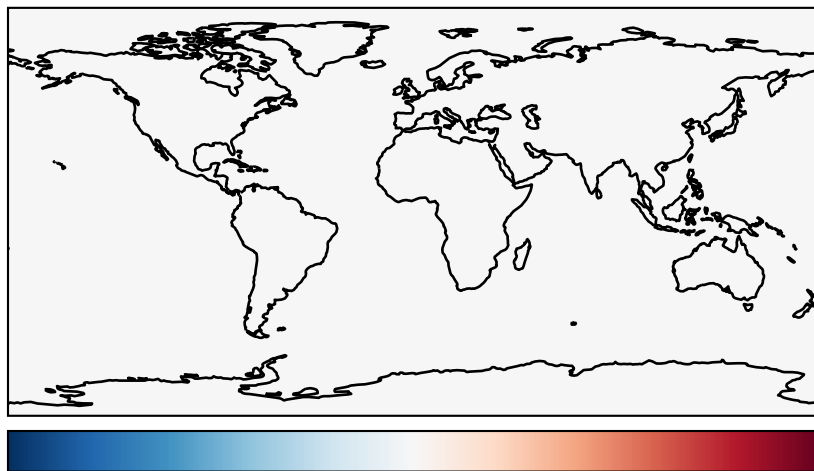
Zero throughout domain
ppb

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



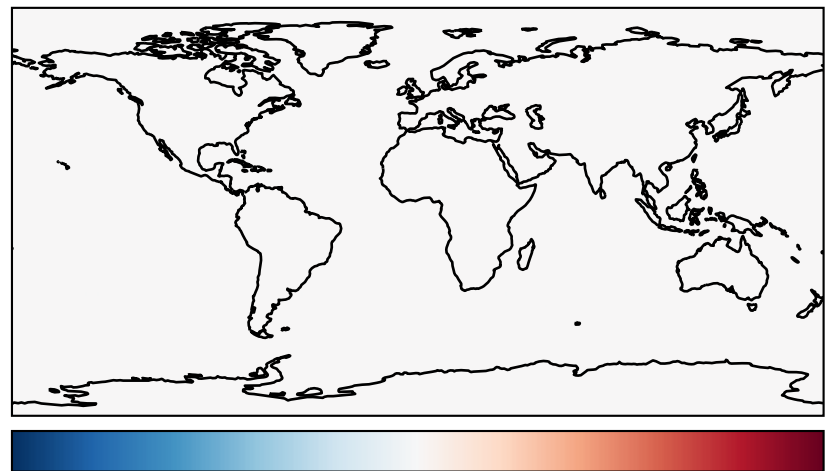
Zero throughout domain
ppb

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



Undefined throughout domain
unitless

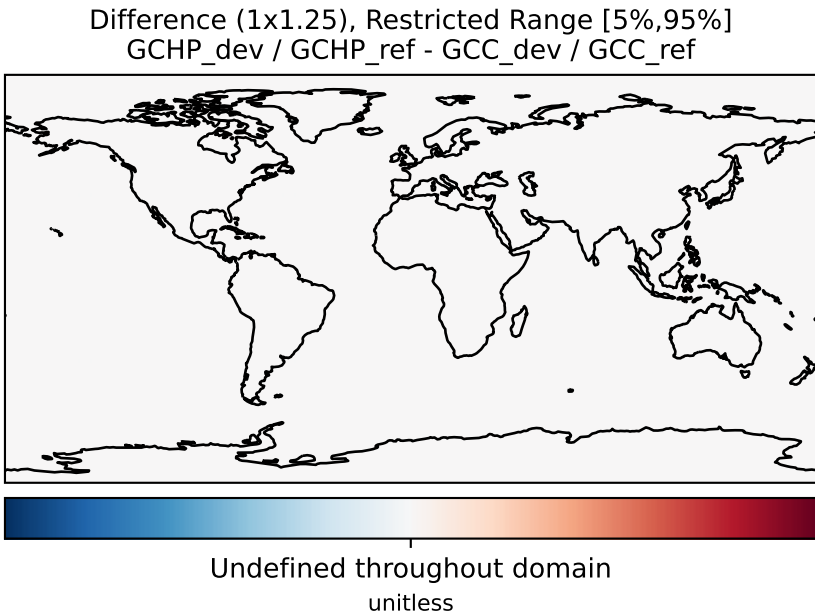
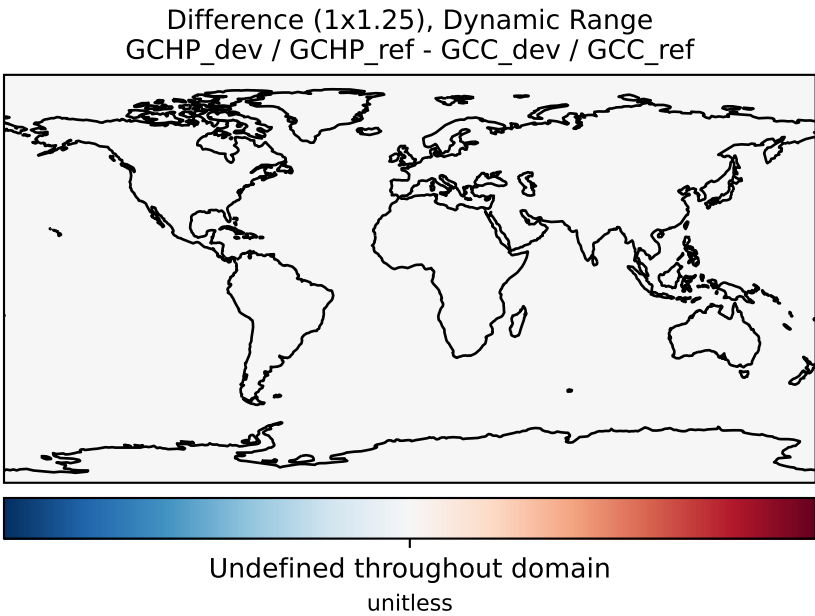
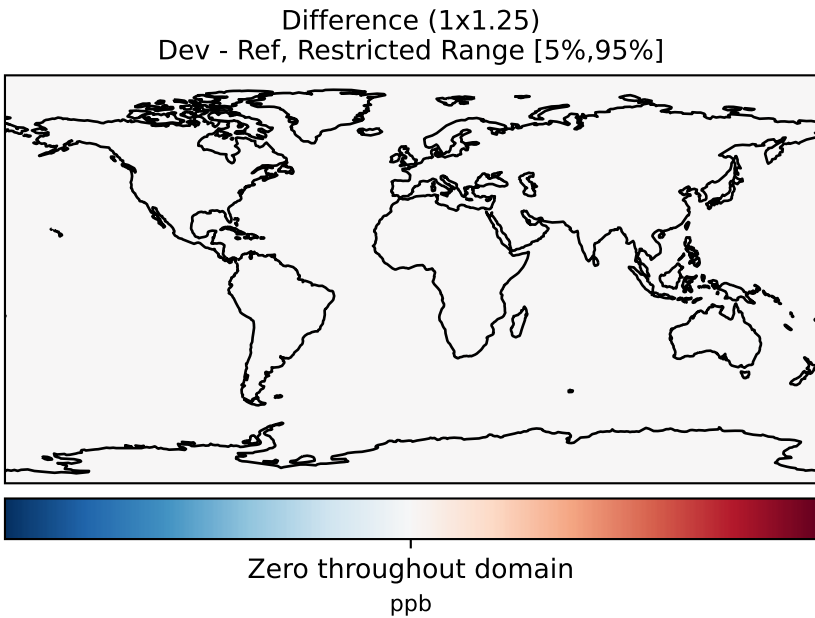
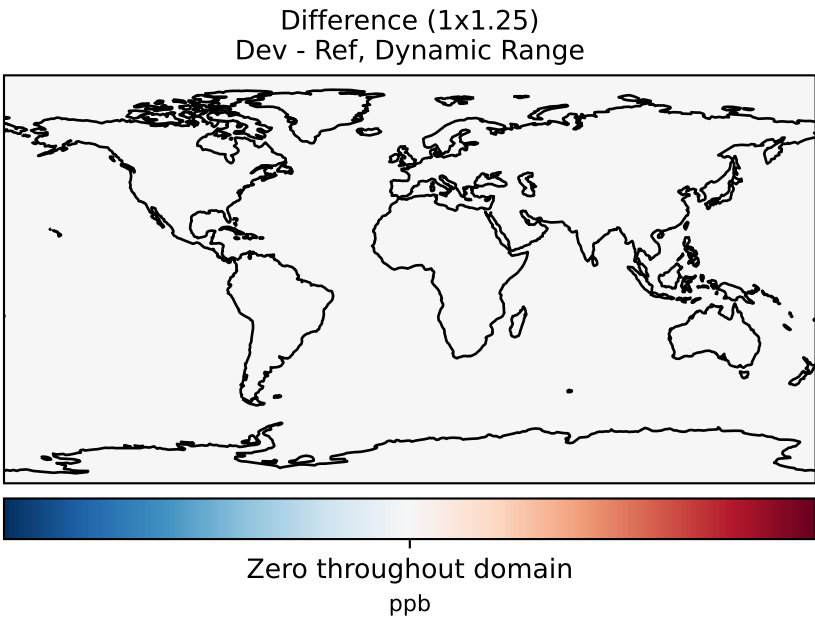
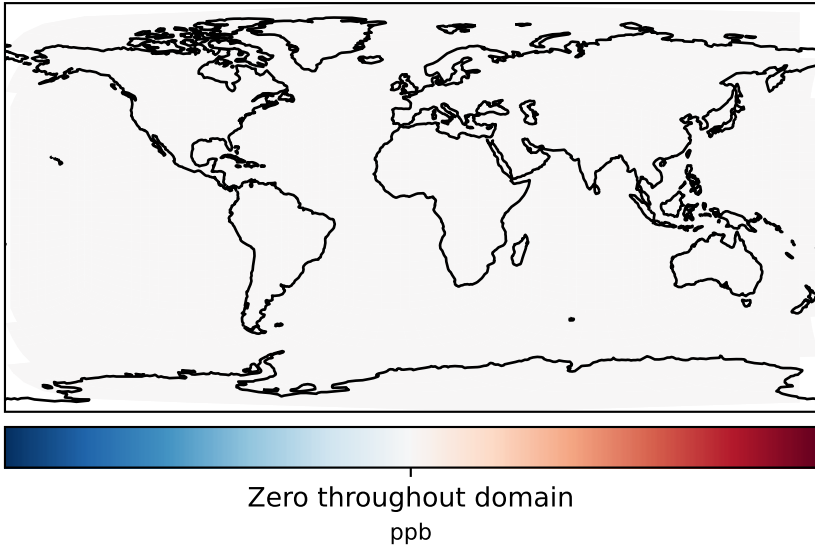
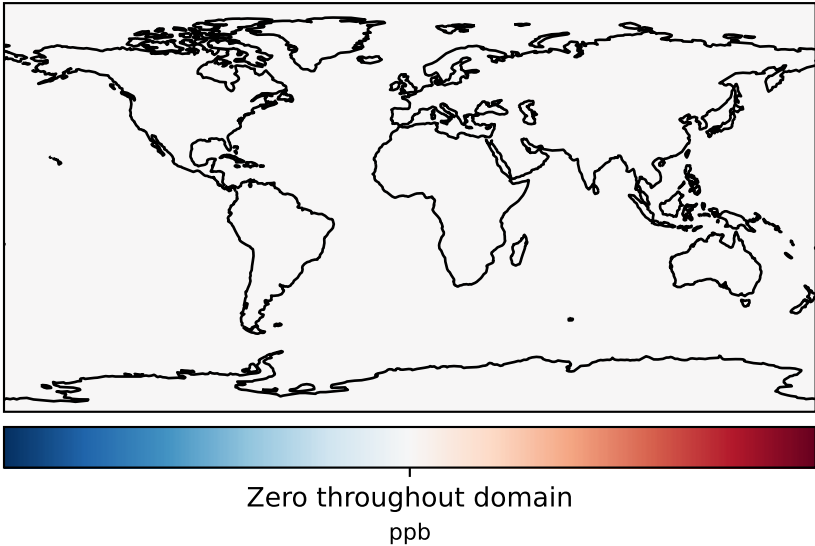
Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$



Undefined throughout domain
unitless

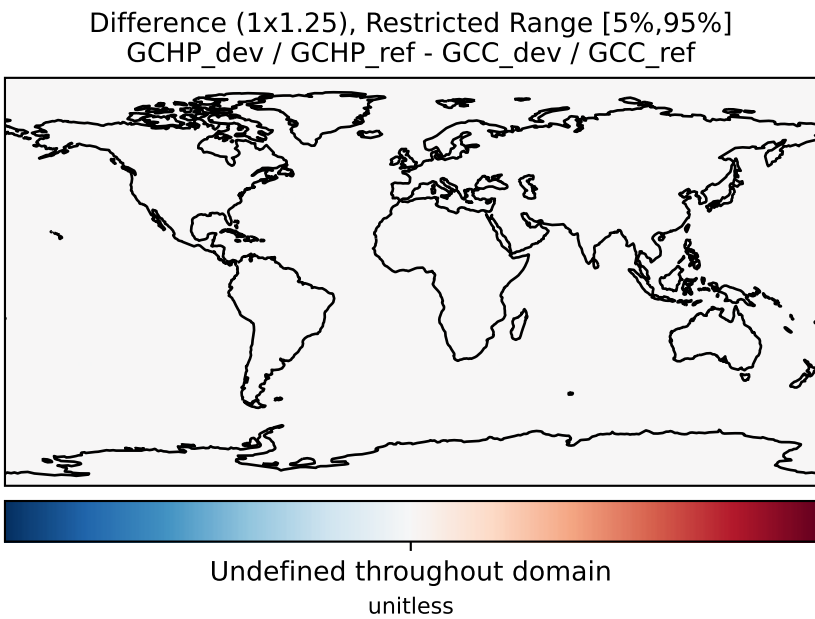
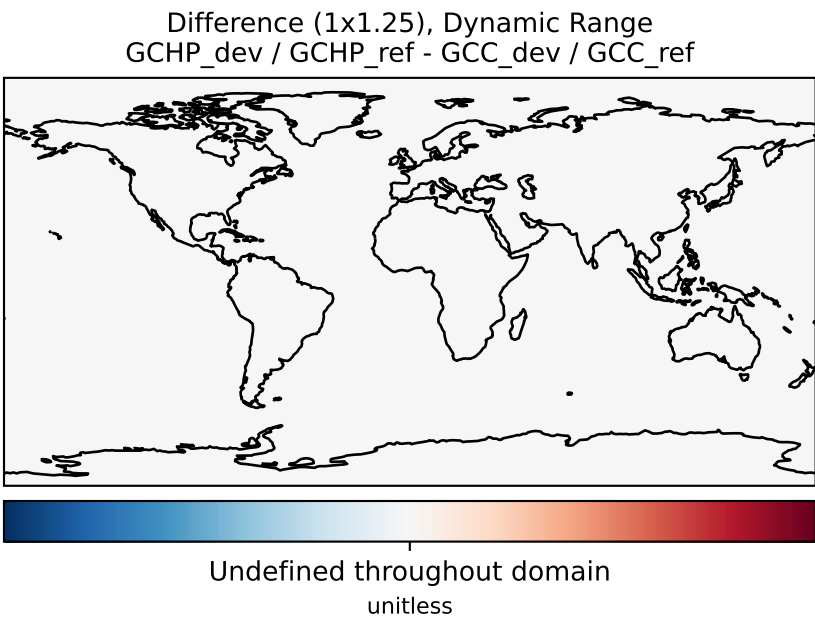
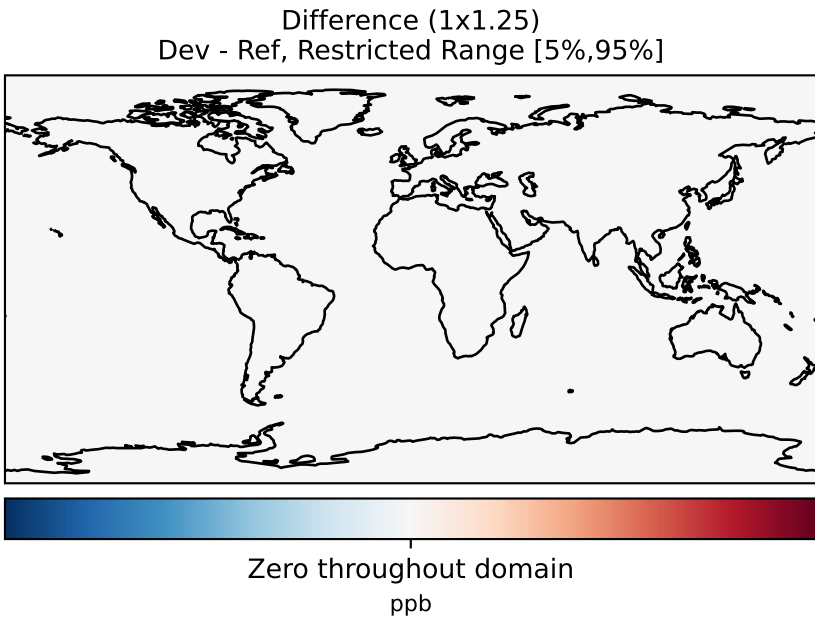
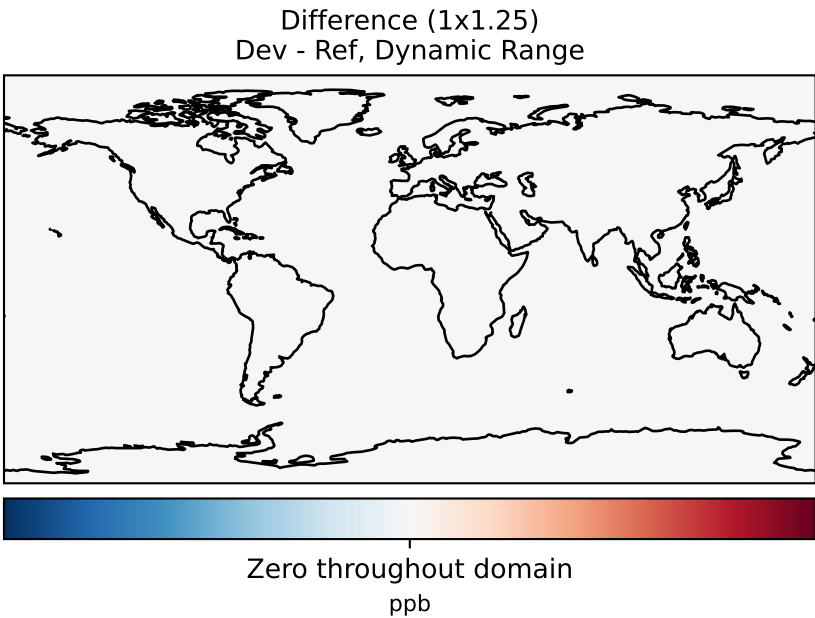
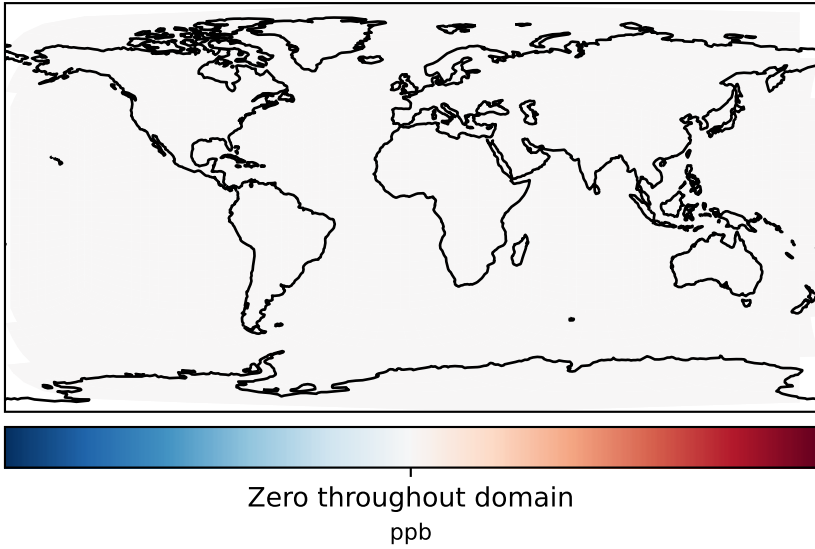
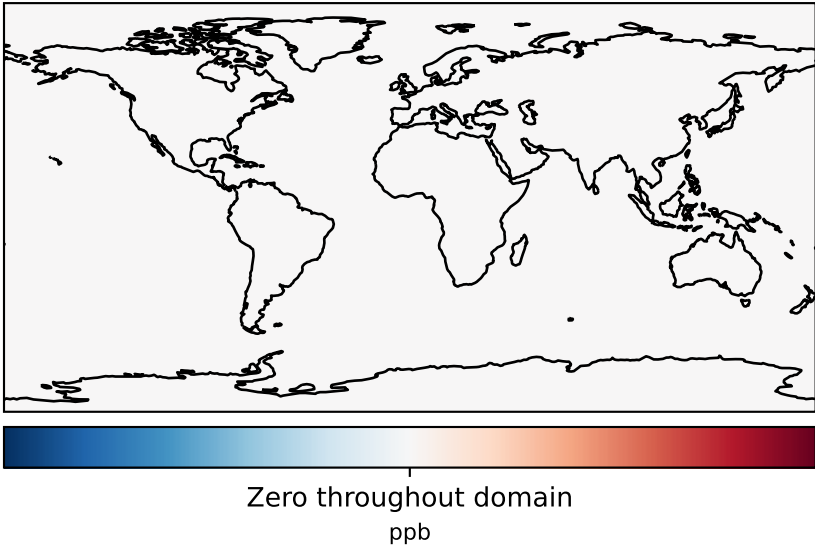
SpeciesConcVW_AONITA

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



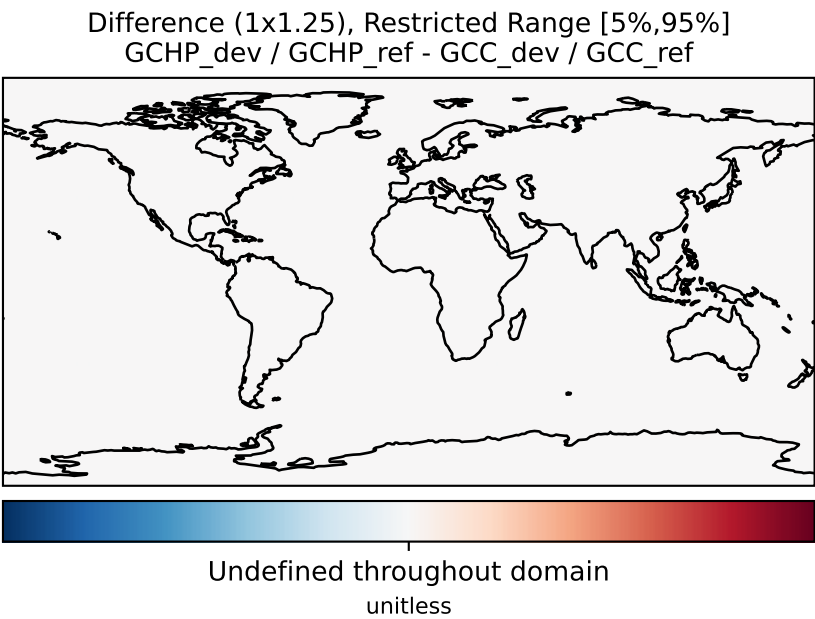
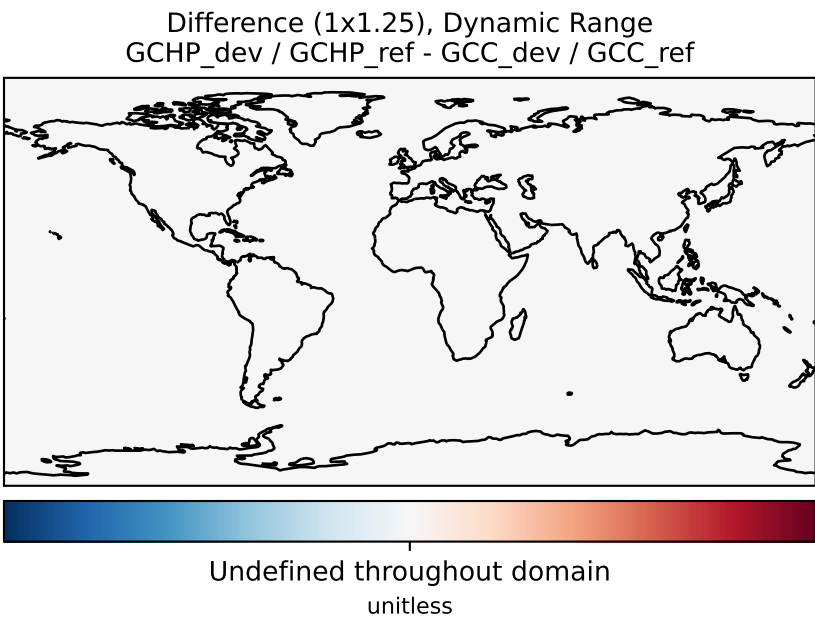
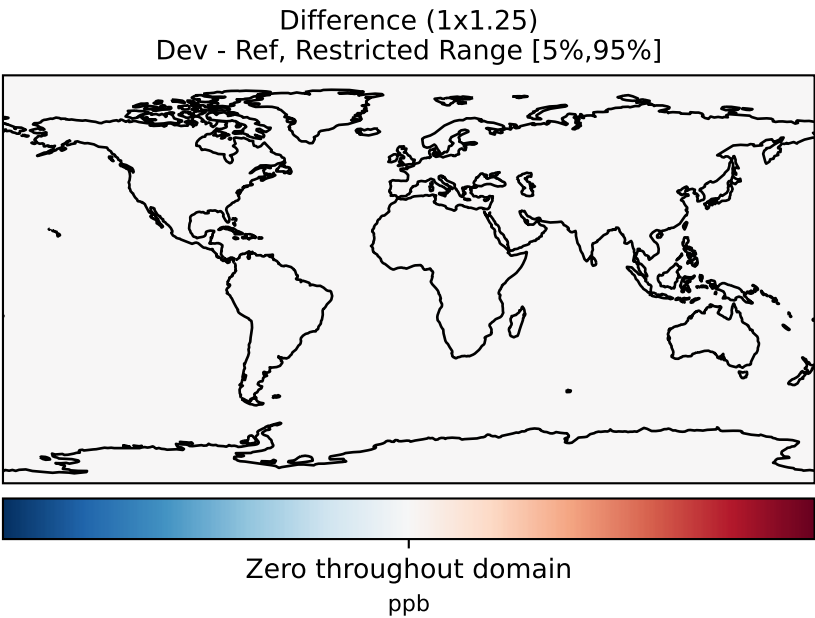
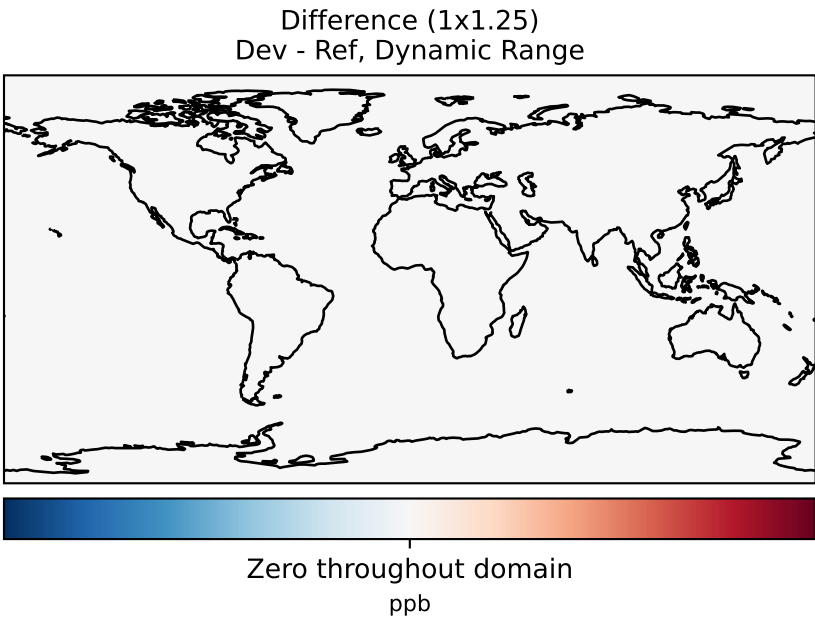
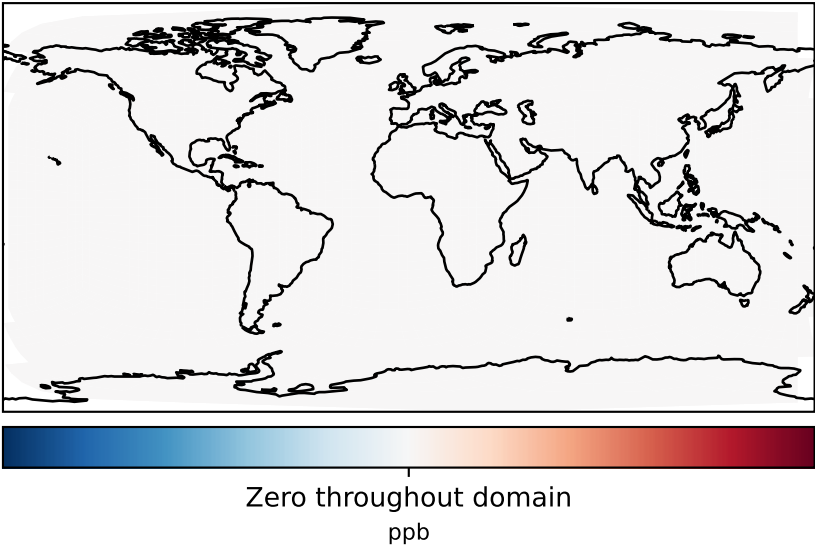
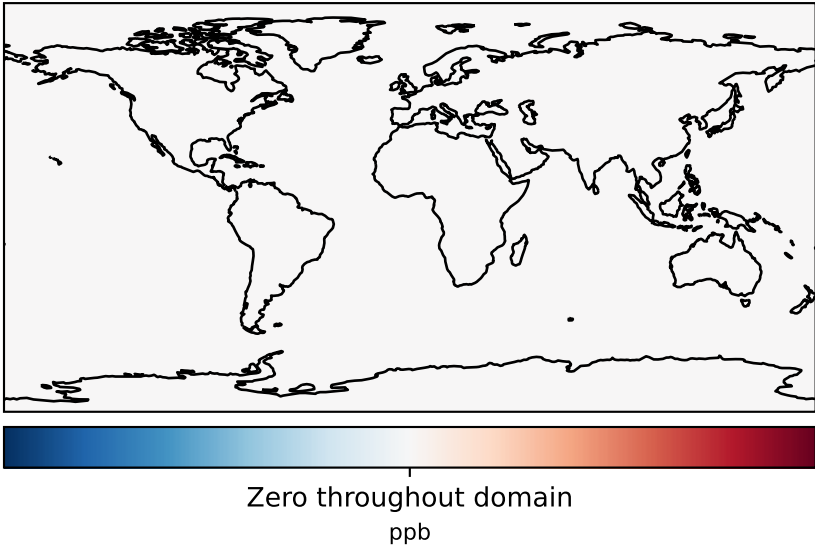
SpeciesConcVV_ETHN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



SpeciesConcVV_BZPAN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24



SpeciesConcVV_NPHEN

gcc-4x5-1Mon-14.7.0-alpha.18_-_gcc-4x5-1Mon-14.7.0-alpha.17 (Ref) 4.0x5.0 gchp-c24-1Mon-14.7.0-alpha.18_-_gchp-c24-1Mon-14.7.0-alpha.17 (Dev) c24

