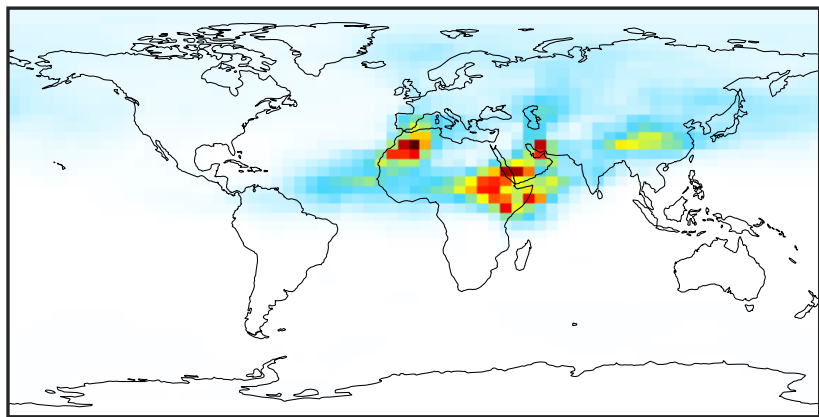


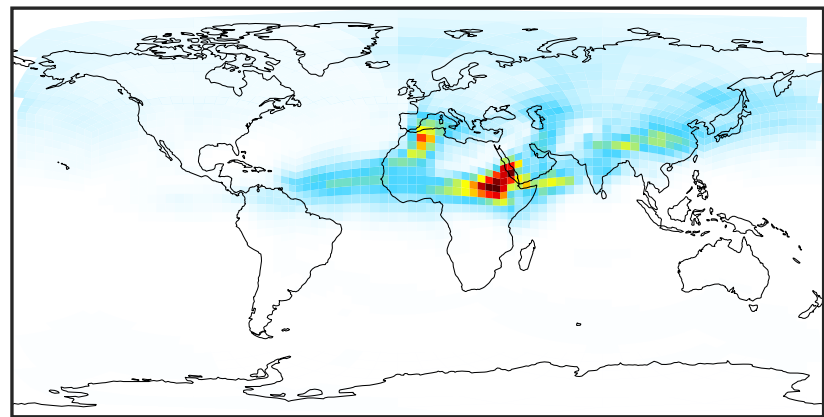
SpeciesConcVV_DST1

gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



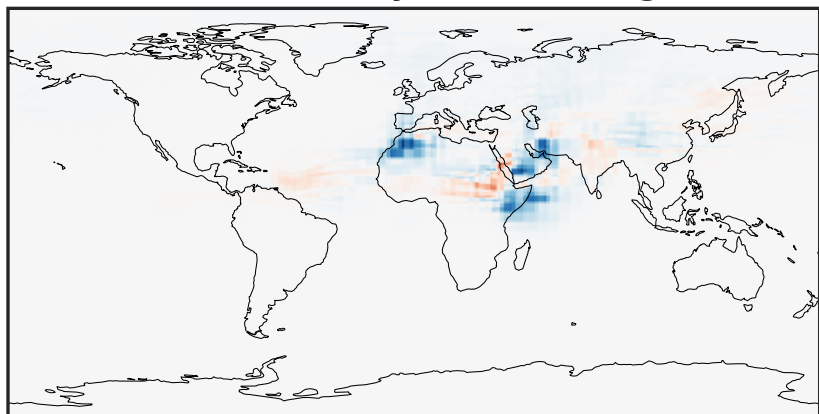
0.001 1.078 2.156 3.234 4.313
 $\mu\text{g}/\text{m}^3$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



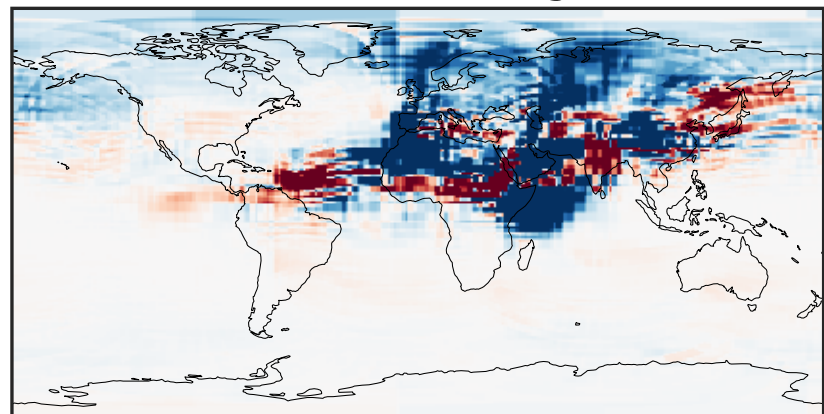
0.001 1.078 2.156 3.234 4.313
 $\mu\text{g}/\text{m}^3$

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



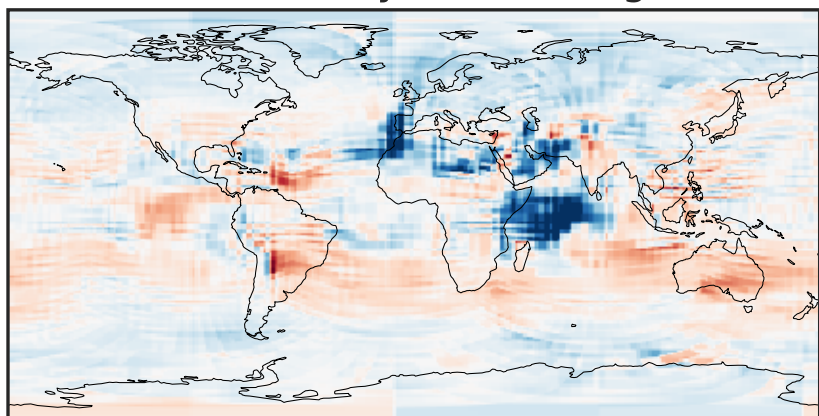
-3.143 -1.571 0.000 1.571 3.143
 $\mu\text{g}/\text{m}^3$

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



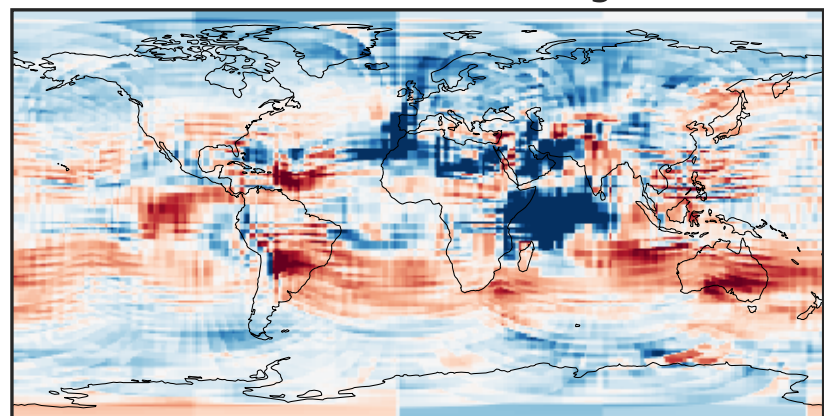
-0.1413 -0.0707 0.0000 0.0707 0.1413
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.227 0.614 1.000 2.699 4.398
unitless

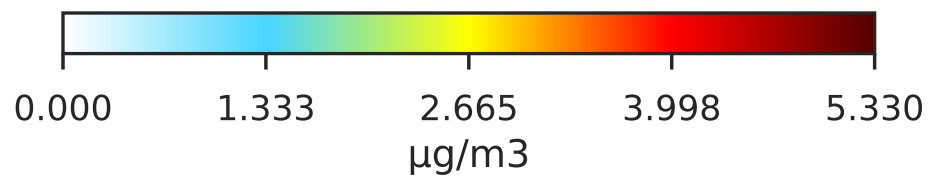
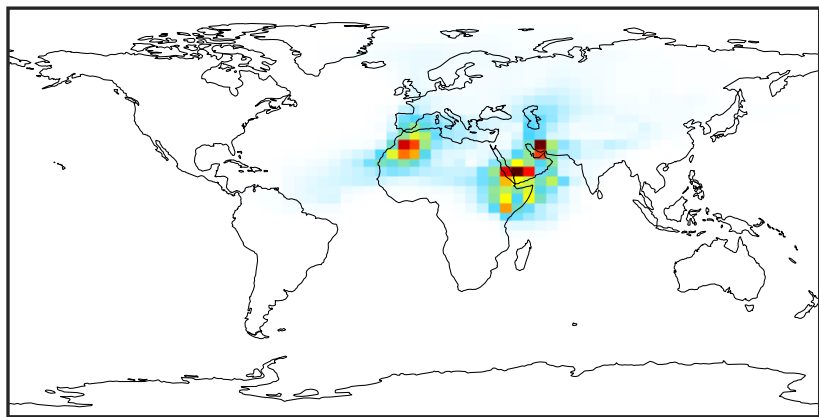
Ratio (1x1.25)
Dev/Ref, Fixed Range



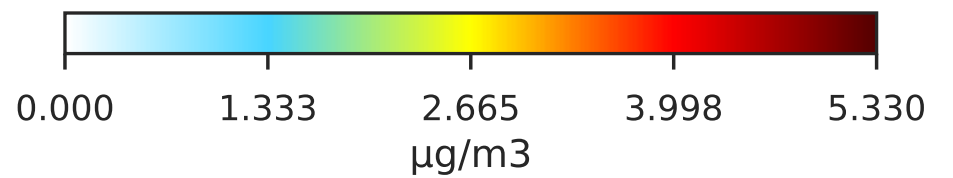
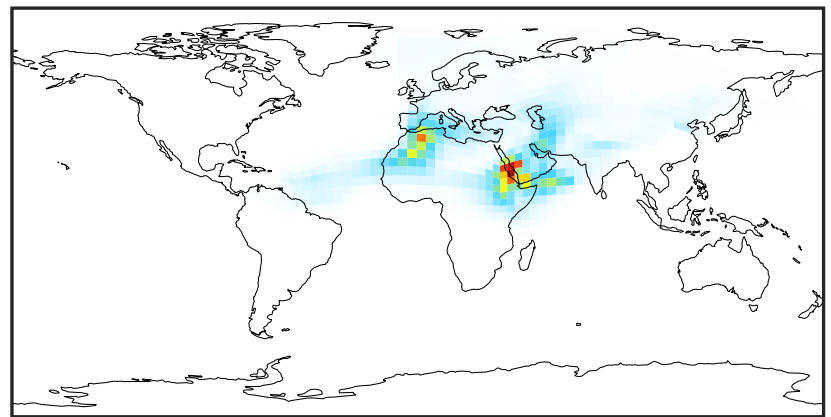
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_DST2

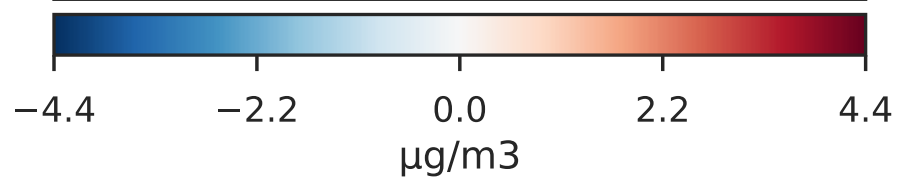
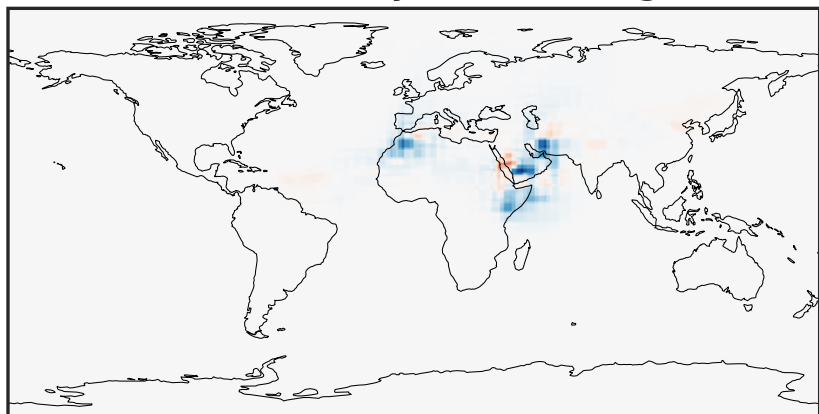
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



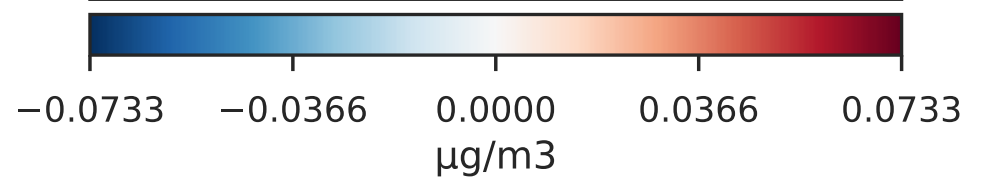
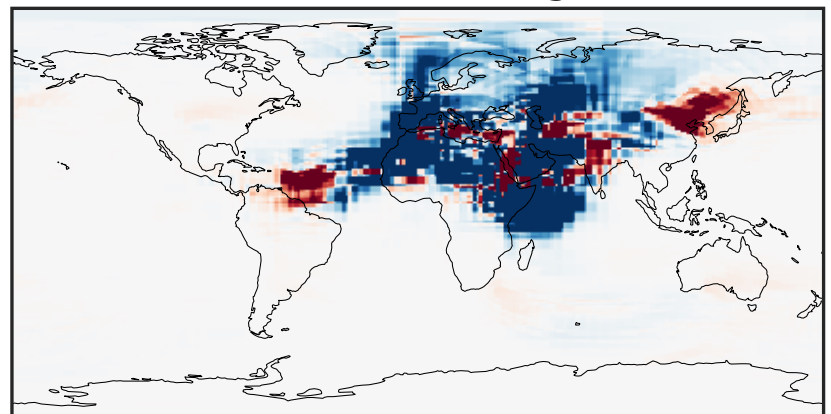
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



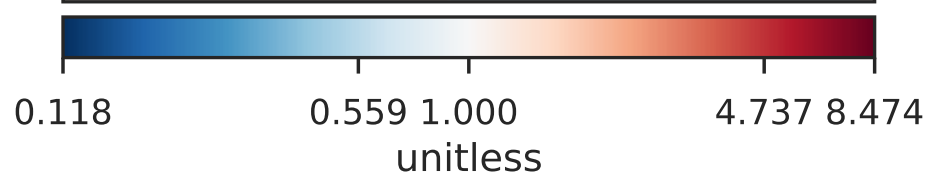
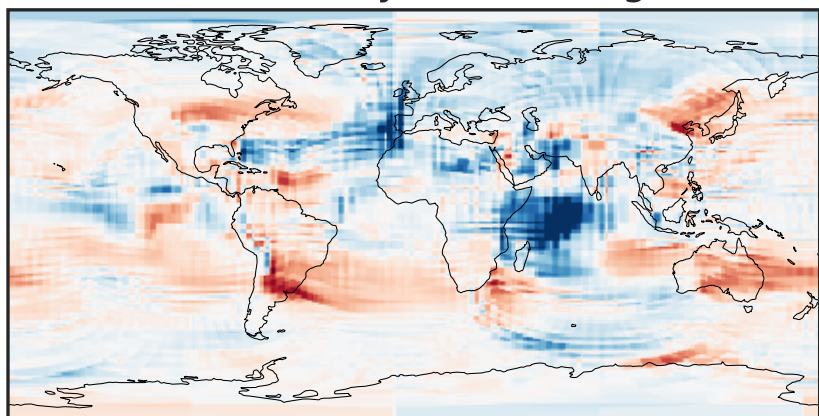
Difference (1x1.25)
Dev - Ref, Dynamic Range



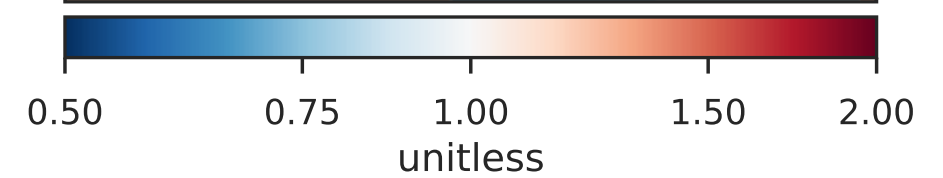
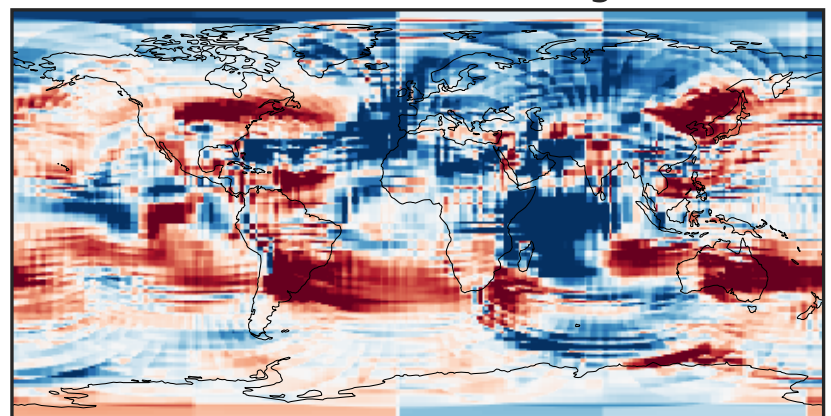
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

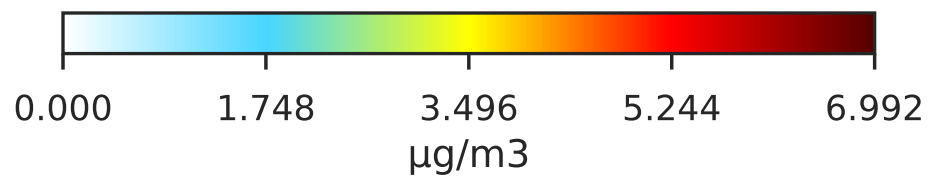
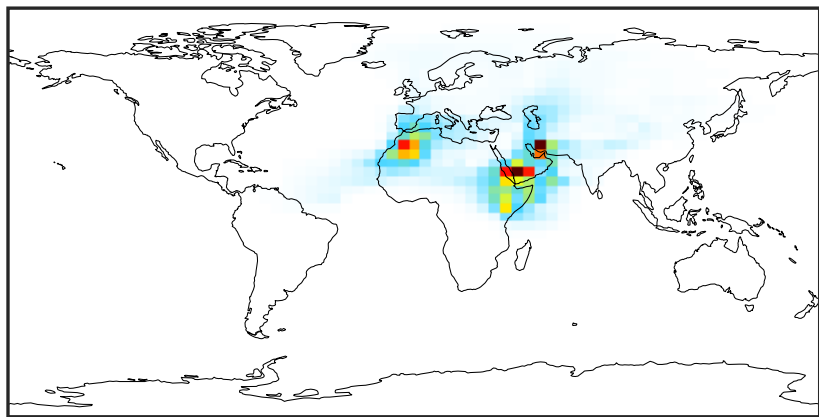


Ratio (1x1.25)
Dev/Ref, Fixed Range

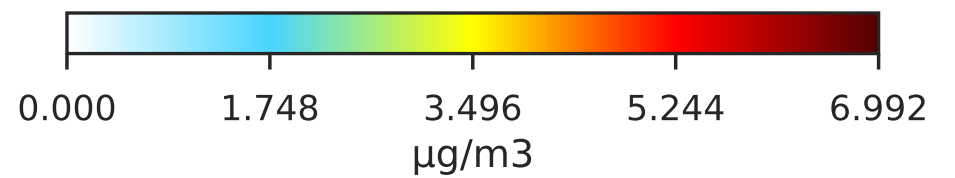
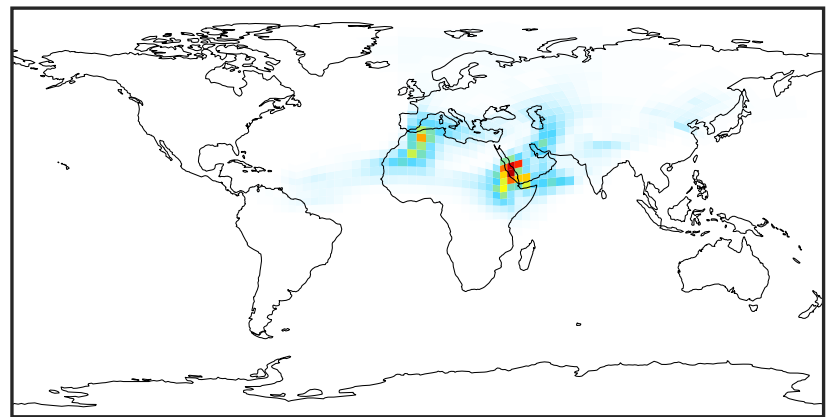


SpeciesConcVV_DST3

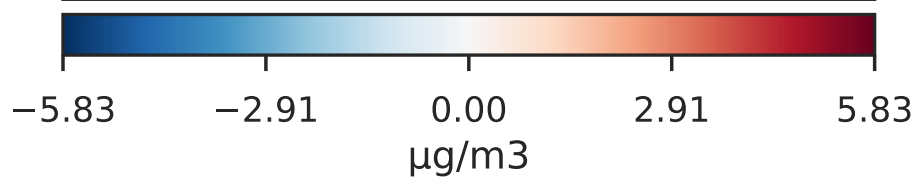
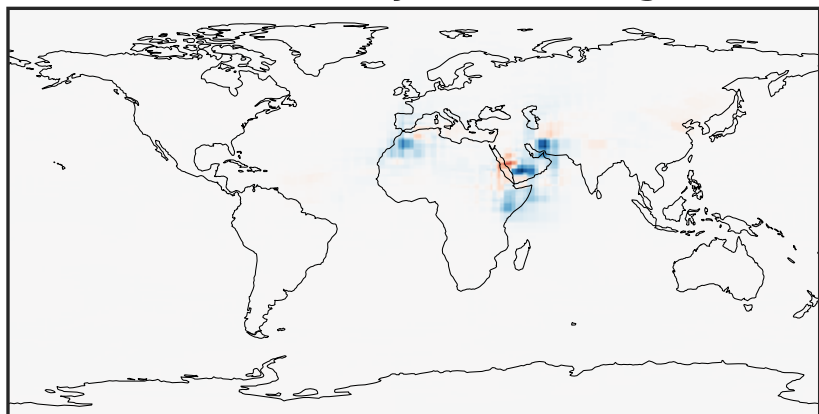
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



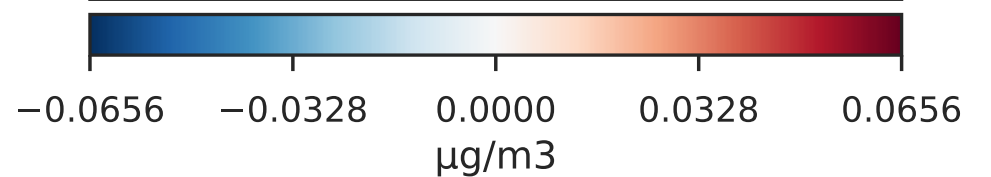
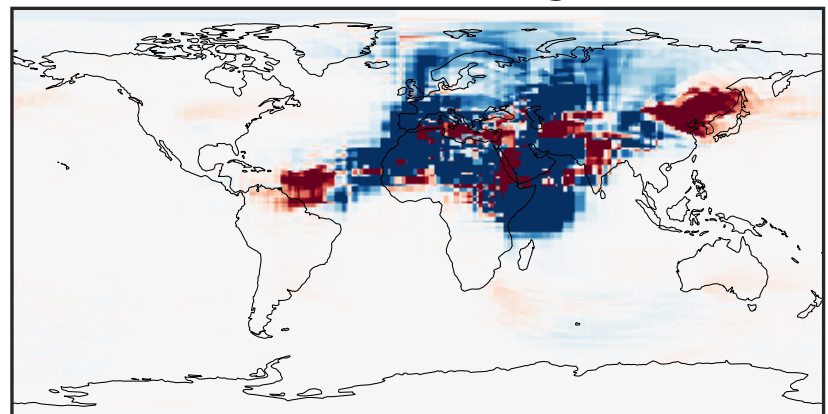
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



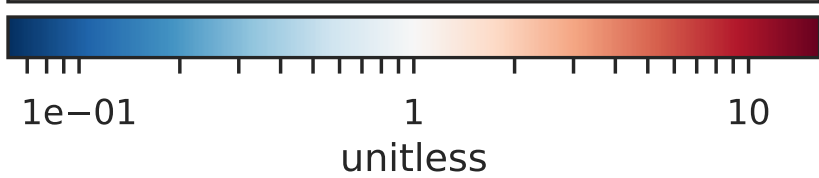
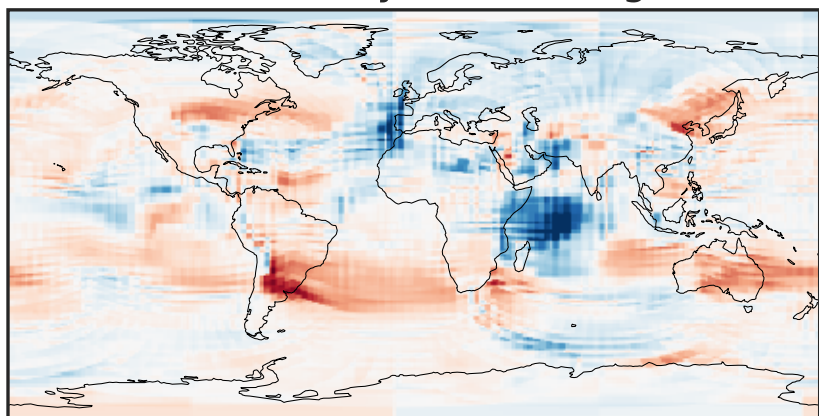
Difference (1x1.25)
Dev - Ref, Dynamic Range



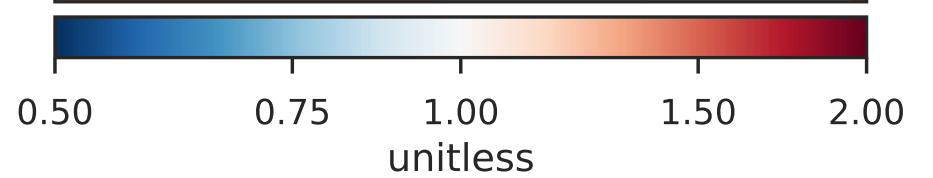
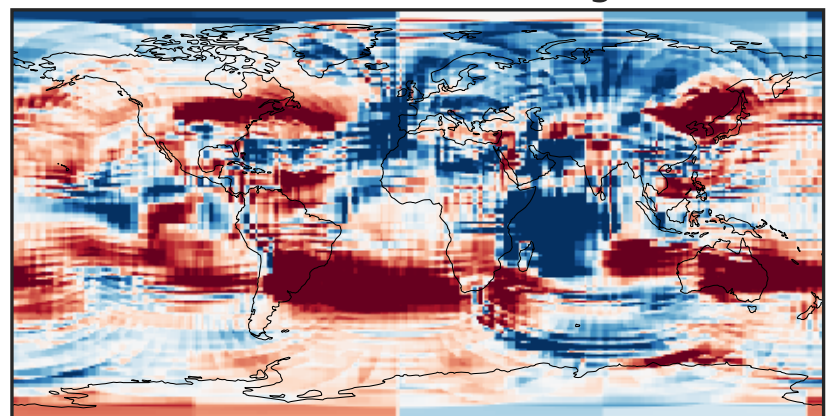
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

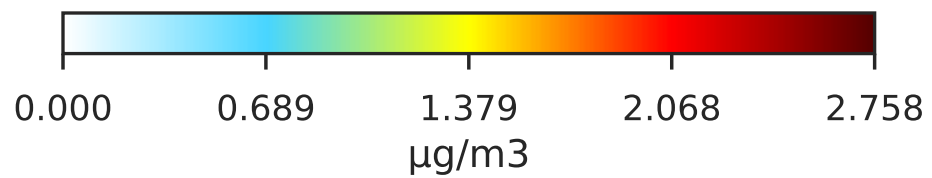
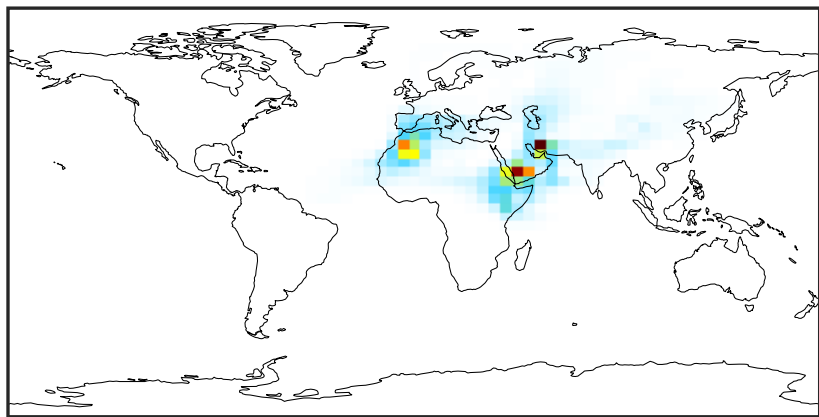


Ratio (1x1.25)
Dev/Ref, Fixed Range

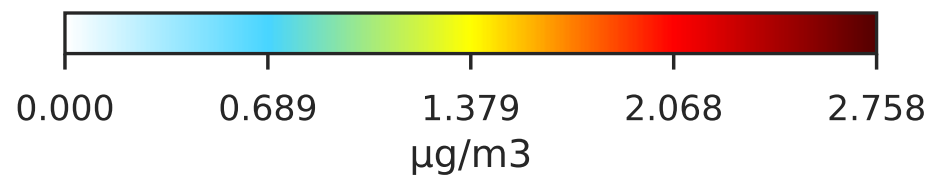
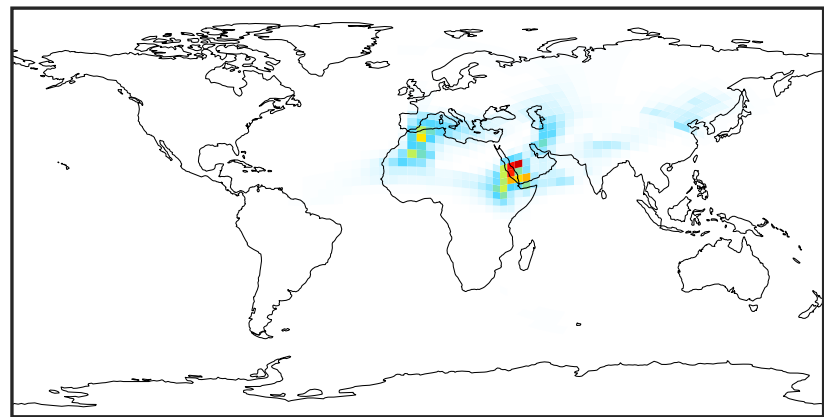


SpeciesConcVV_DST4

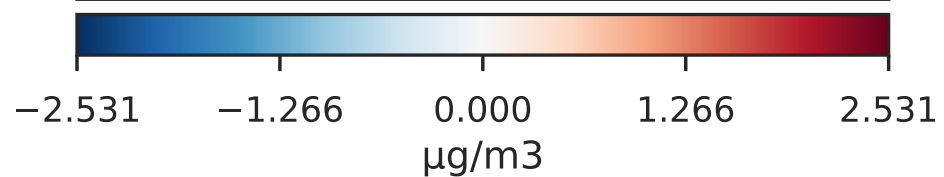
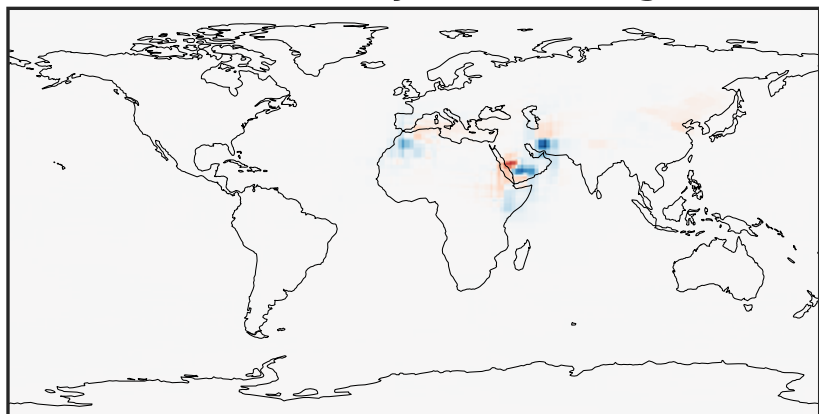
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



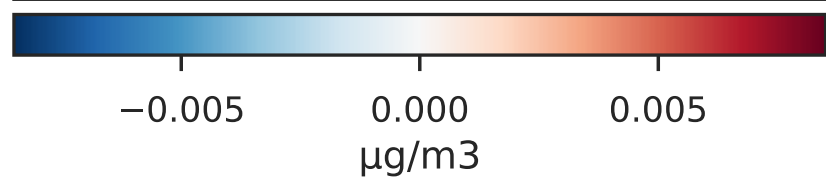
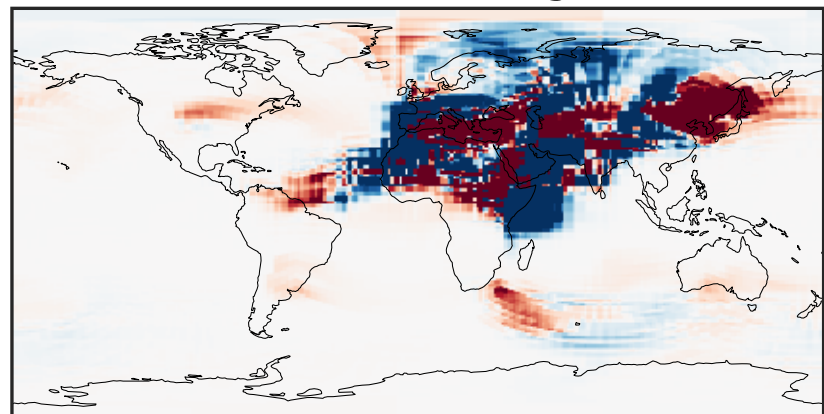
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



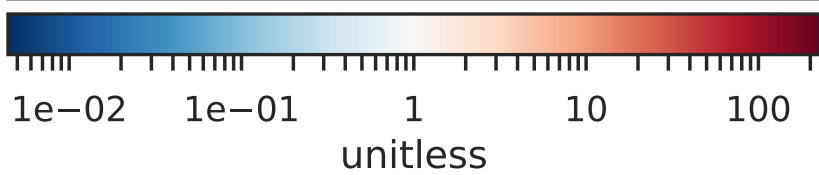
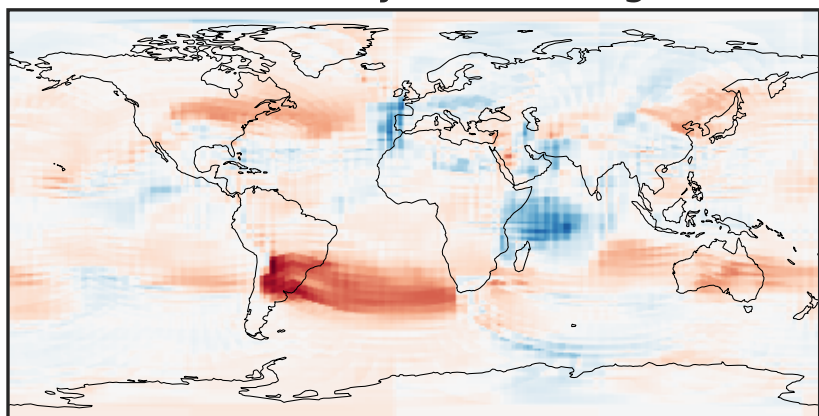
Difference (1x1.25)
Dev - Ref, Dynamic Range



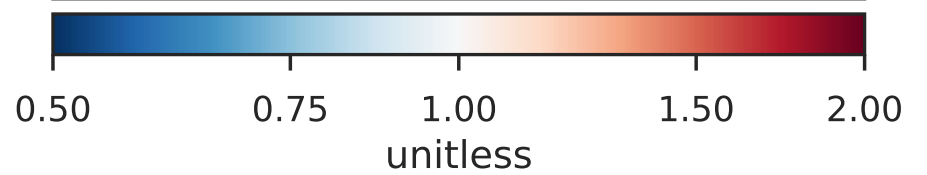
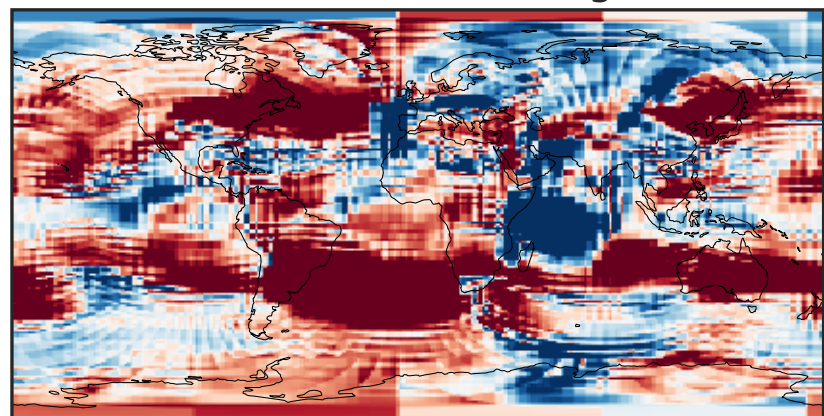
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

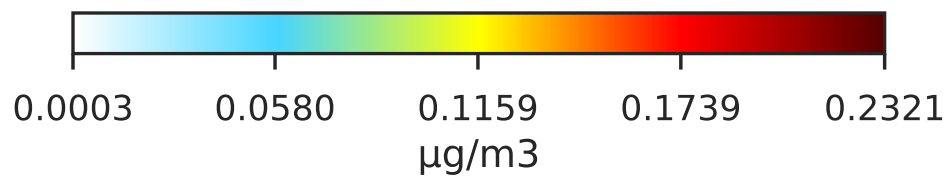
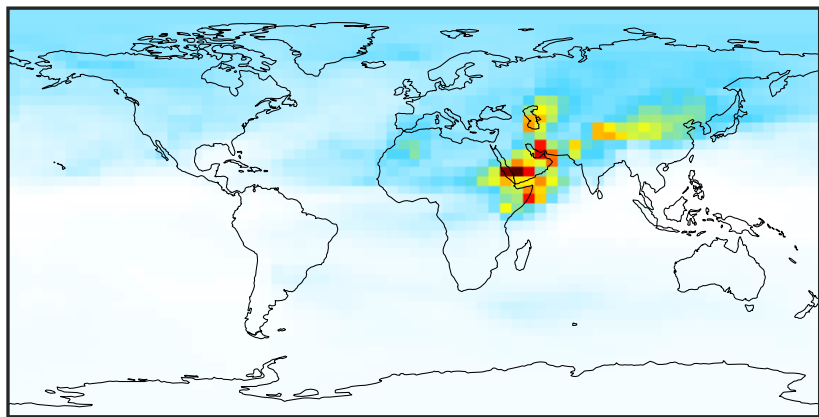


Ratio (1x1.25)
Dev/Ref, Fixed Range

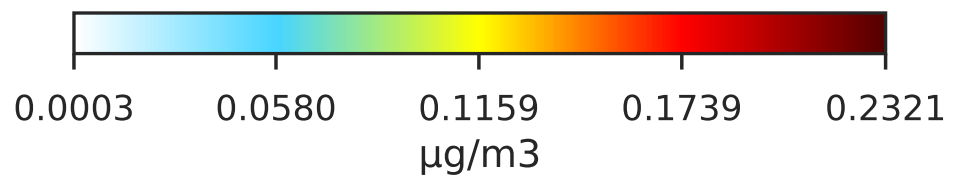
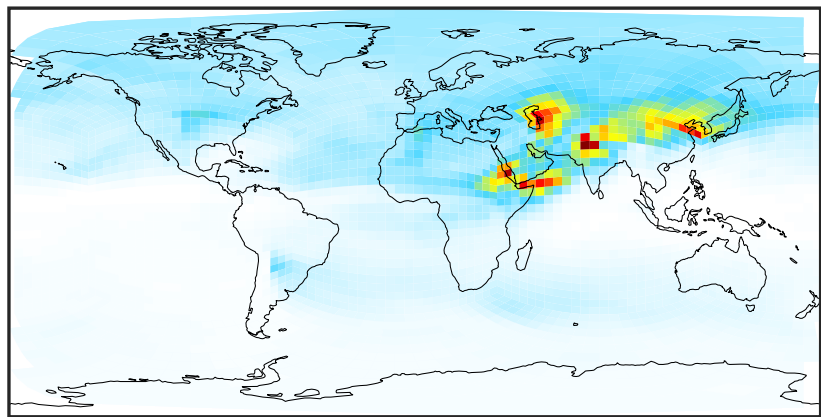


SpeciesConcVV_NH4

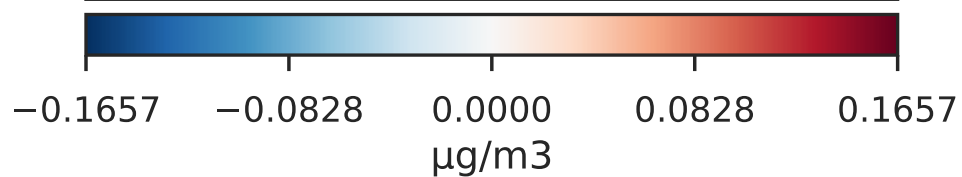
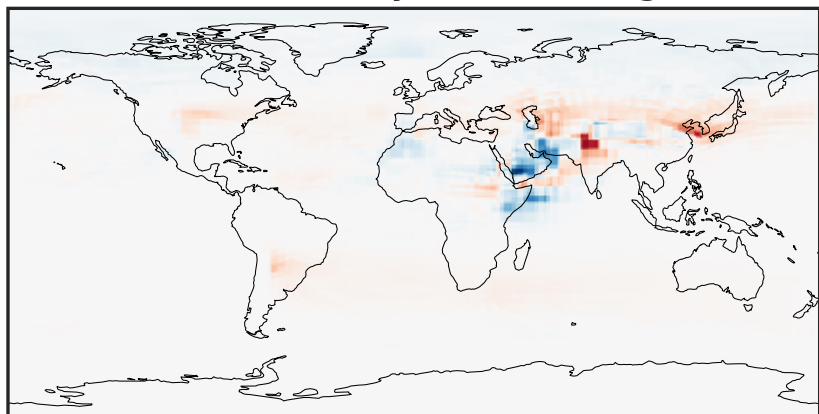
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



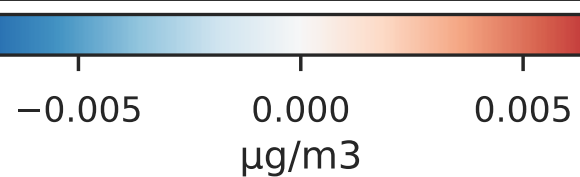
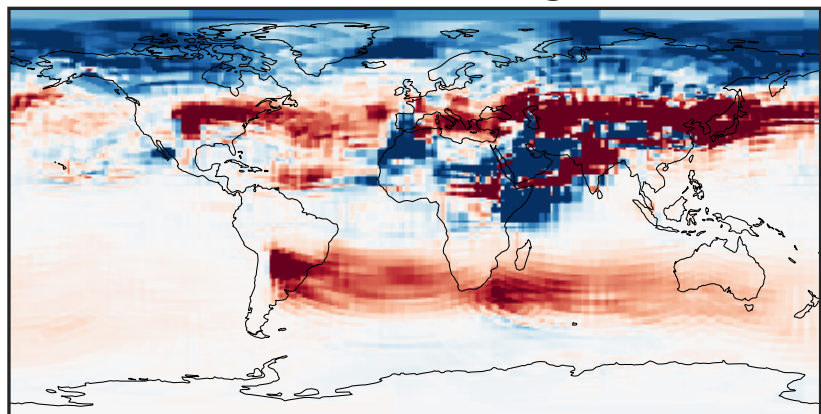
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



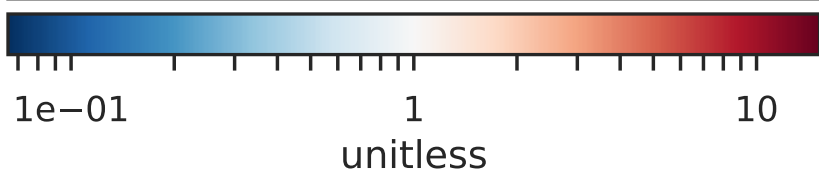
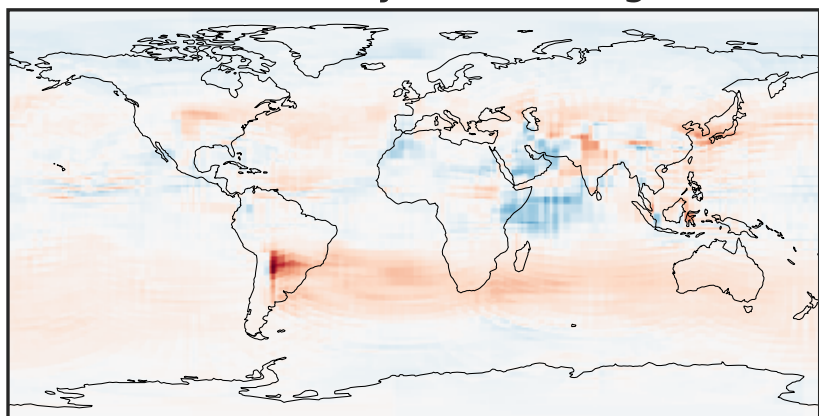
Difference (1x1.25)
Dev - Ref, Dynamic Range



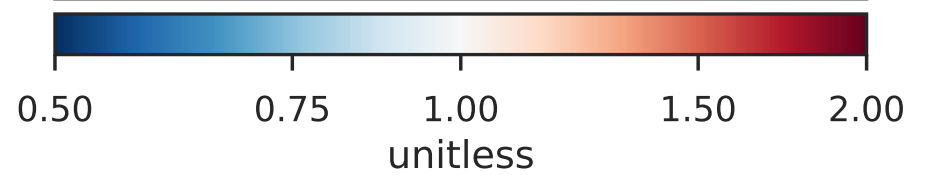
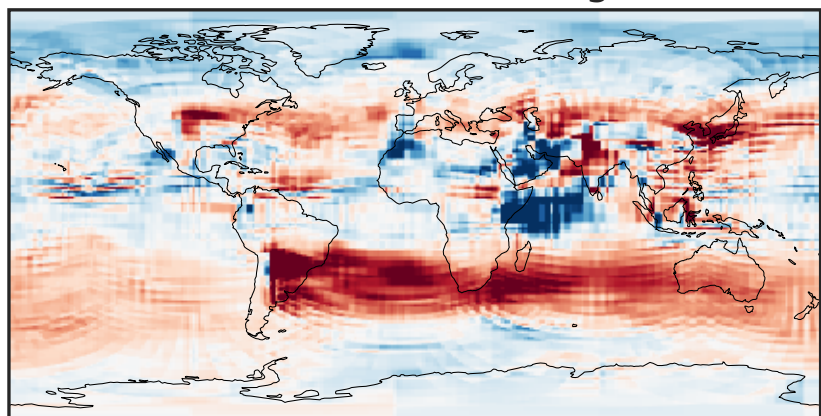
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

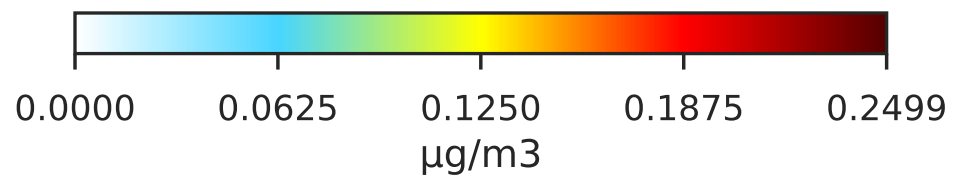
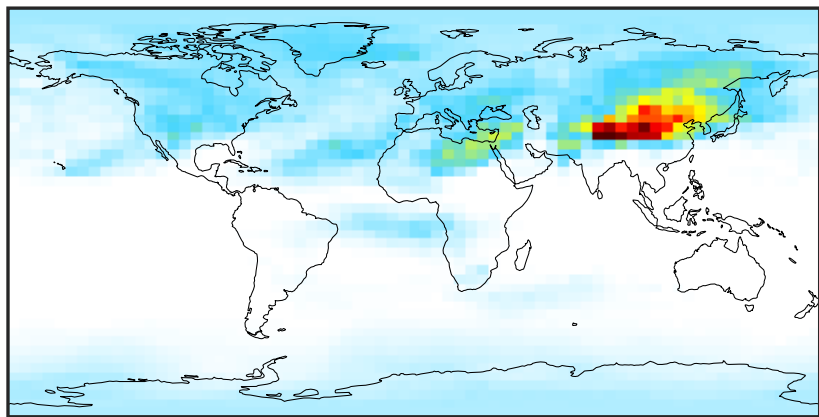


Ratio (1x1.25)
Dev/Ref, Fixed Range

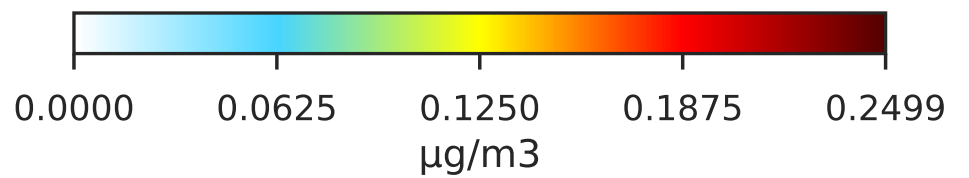
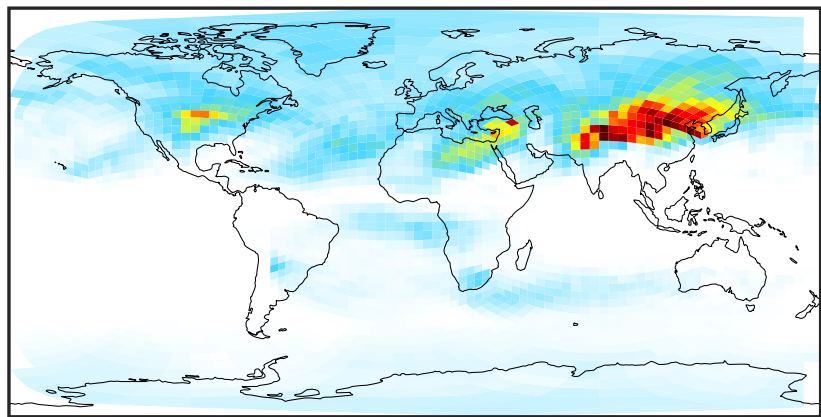


SpeciesConcVV_NIT

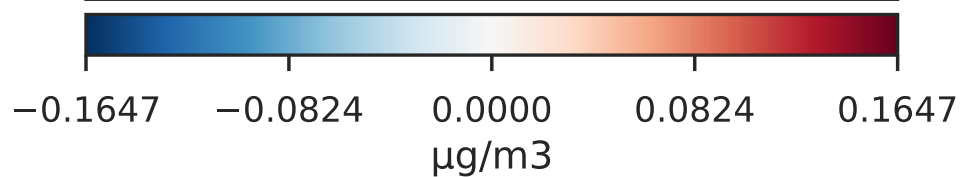
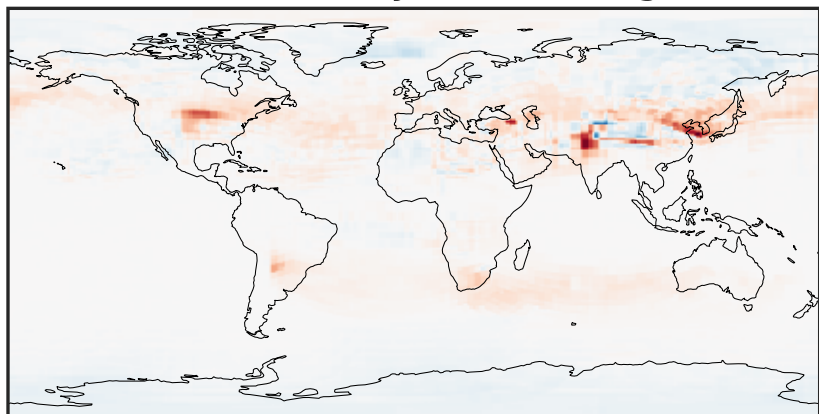
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



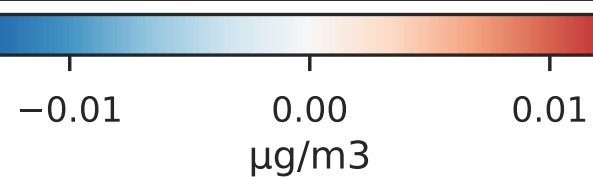
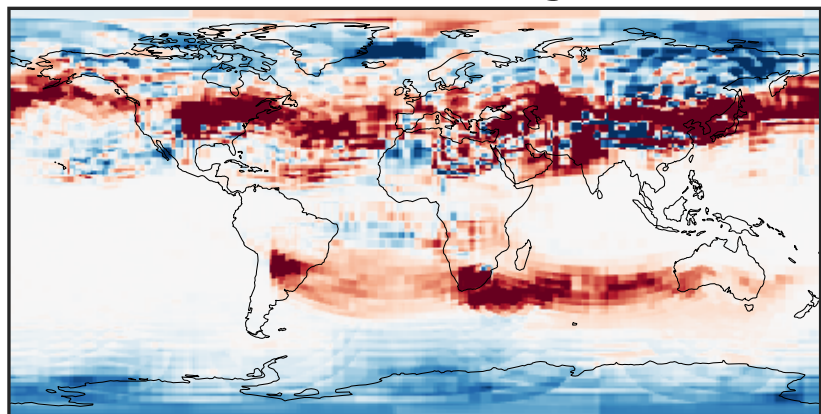
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



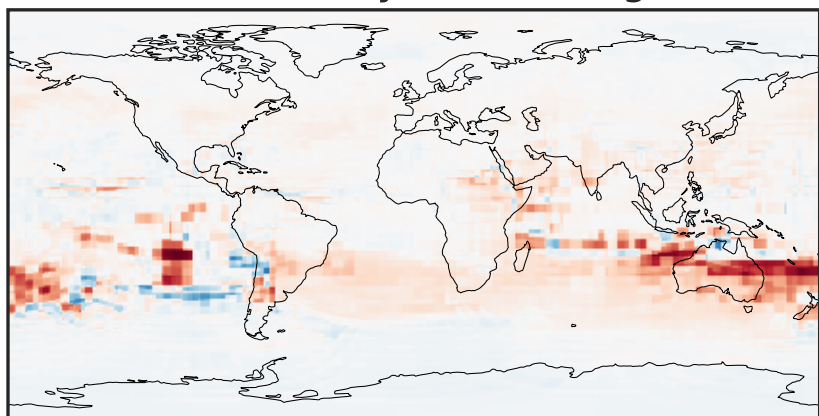
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

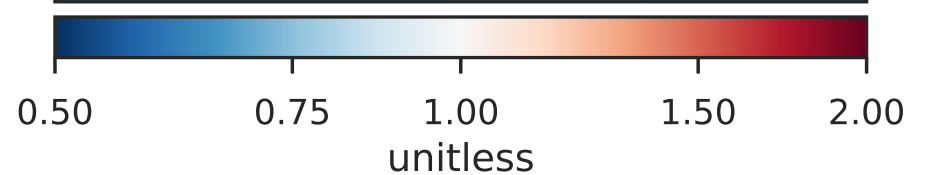
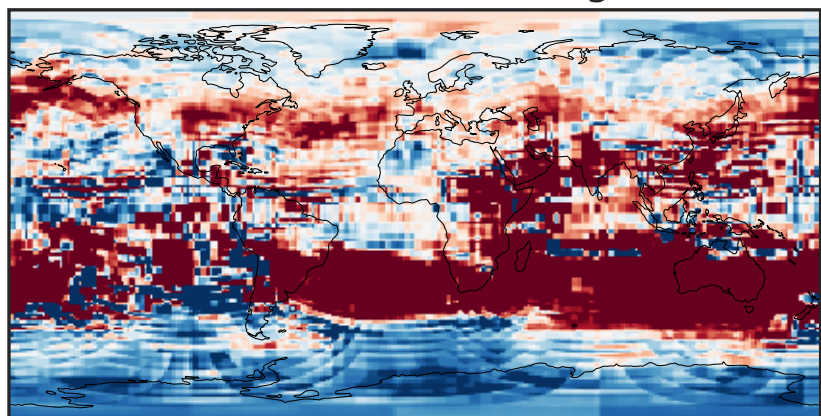


Ratio (1x1.25)
Dev/Ref, Dynamic Range



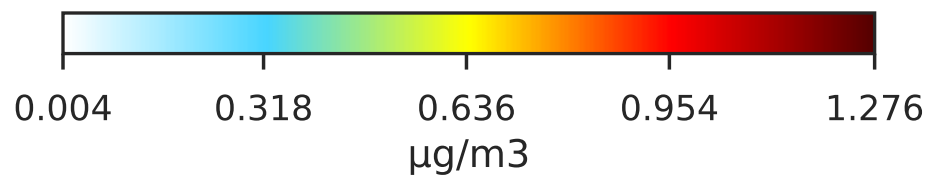
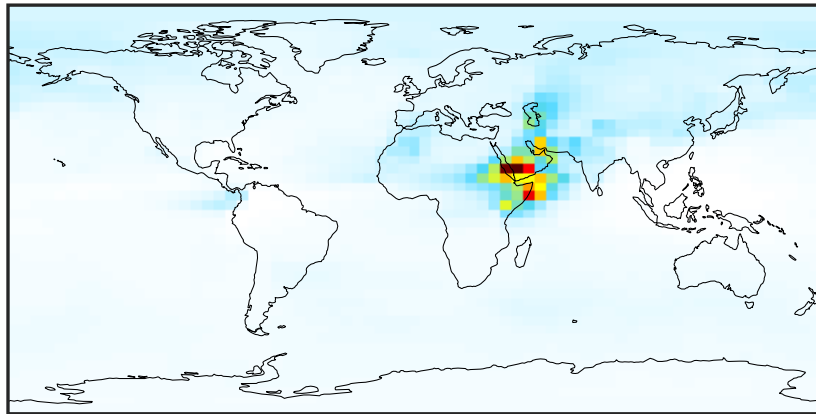
unitless

Ratio (1x1.25)
Dev/Ref, Fixed Range

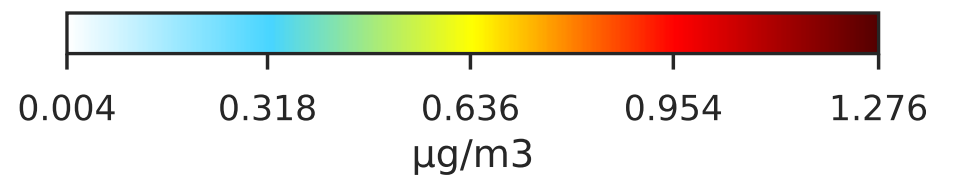
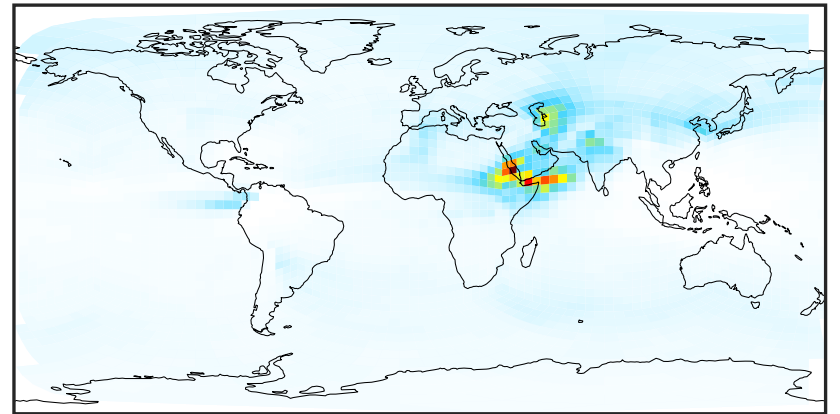


SpeciesConcVV_SO4

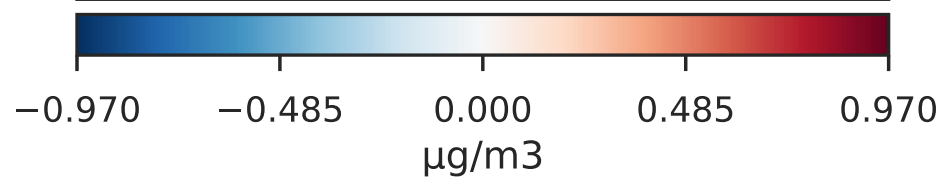
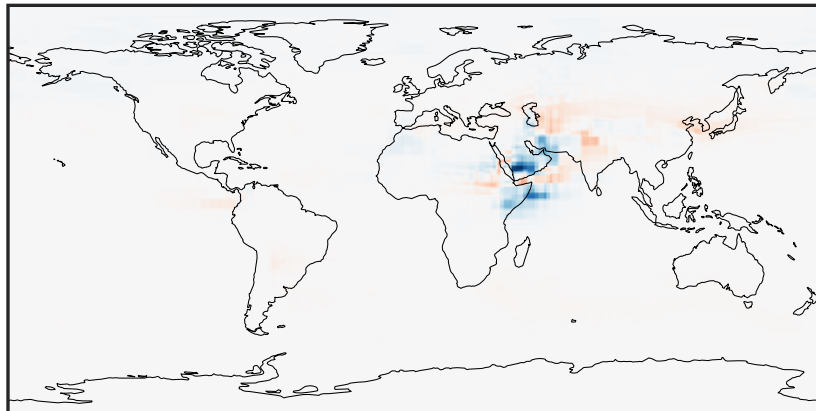
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



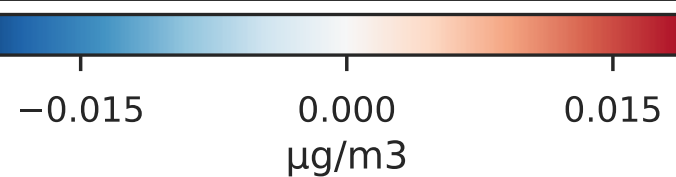
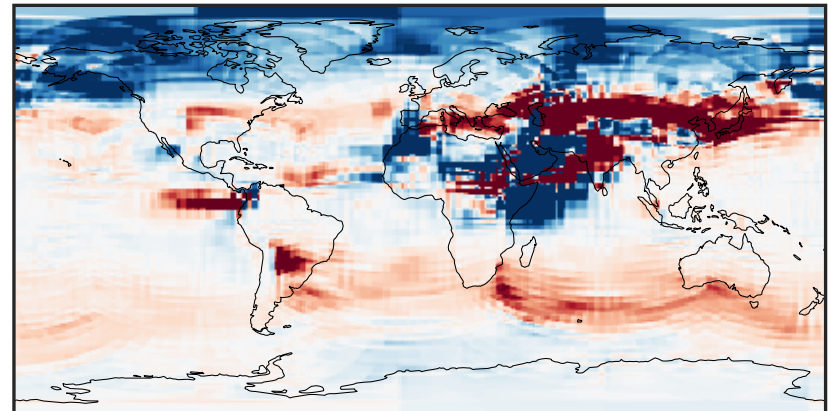
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



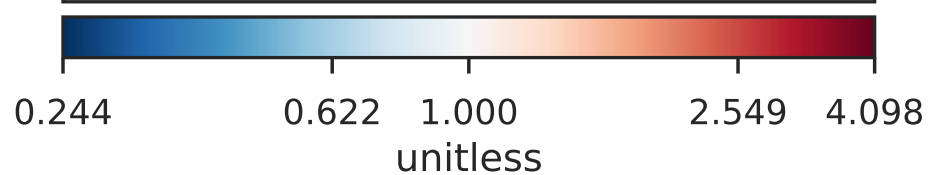
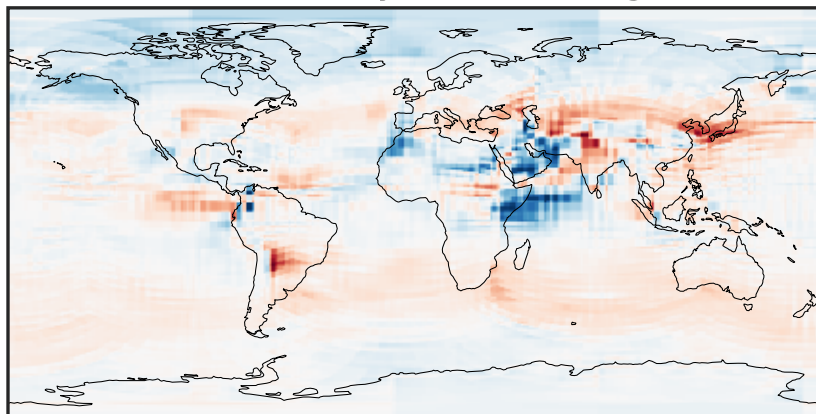
Difference (1x1.25)
Dev - Ref, Dynamic Range



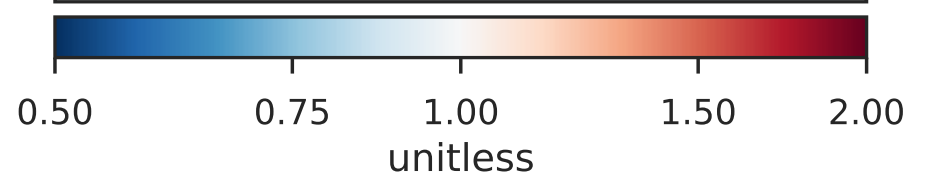
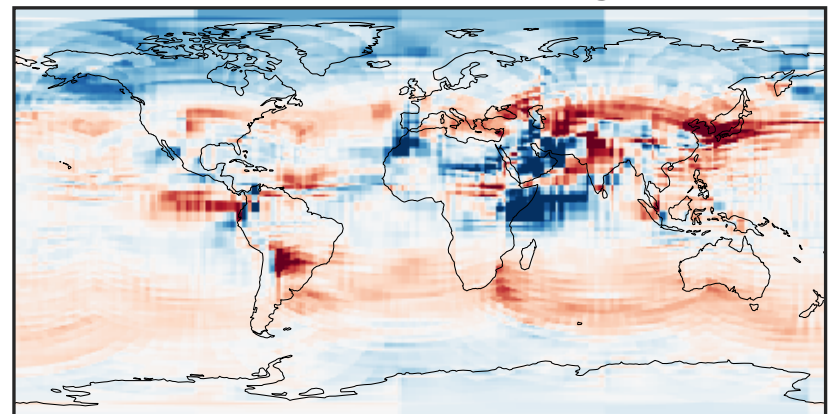
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

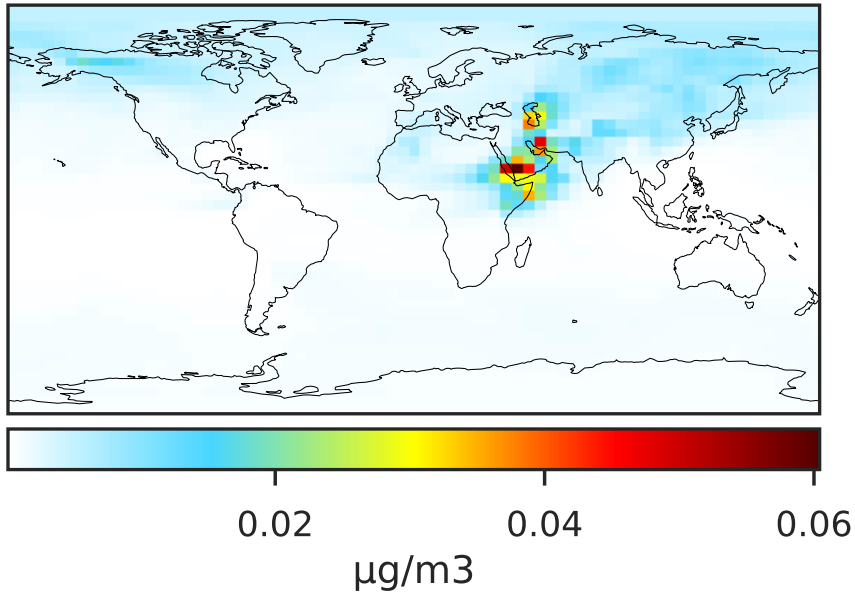


Ratio (1x1.25)
Dev/Ref, Fixed Range

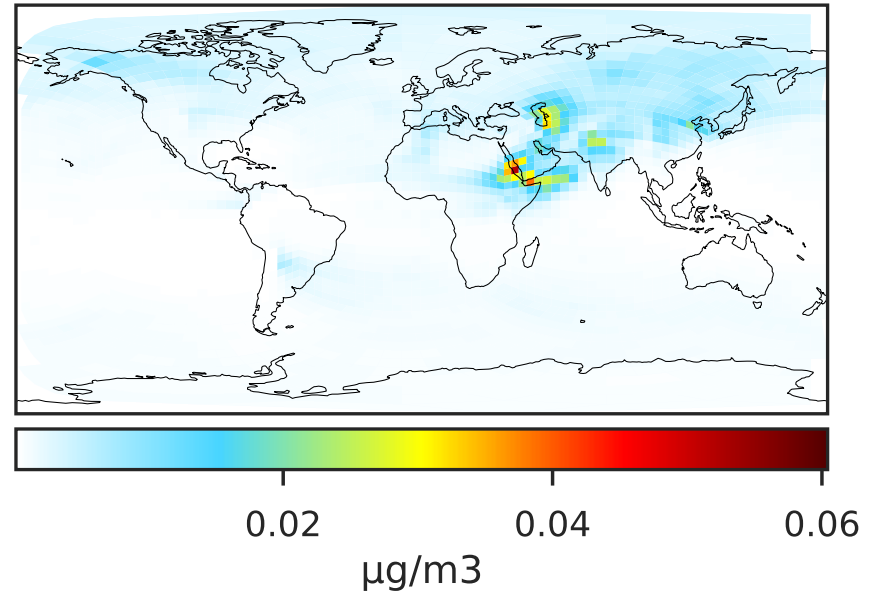


SpeciesConcVV_HMS

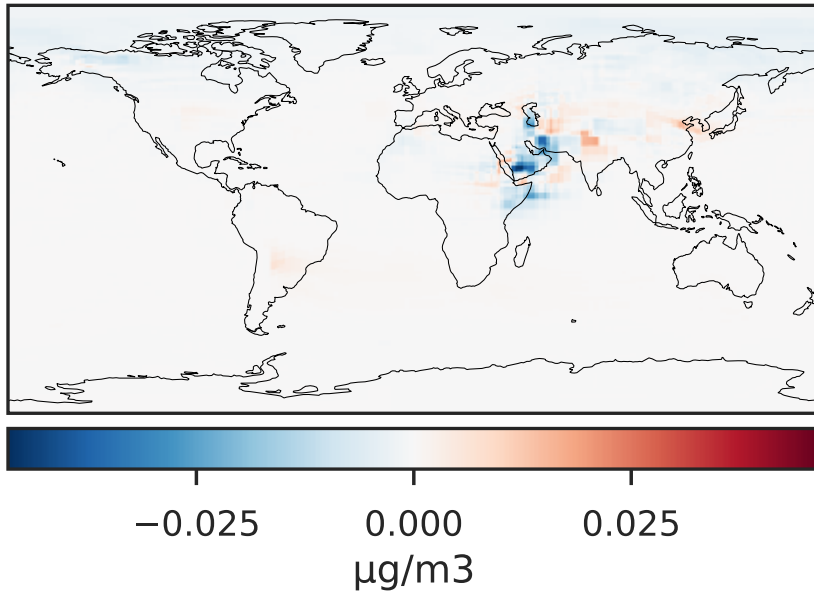
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



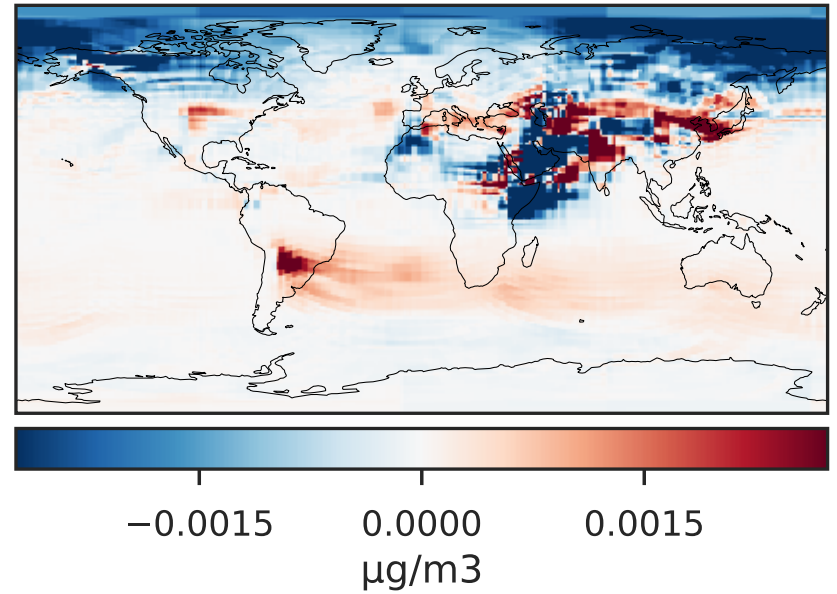
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



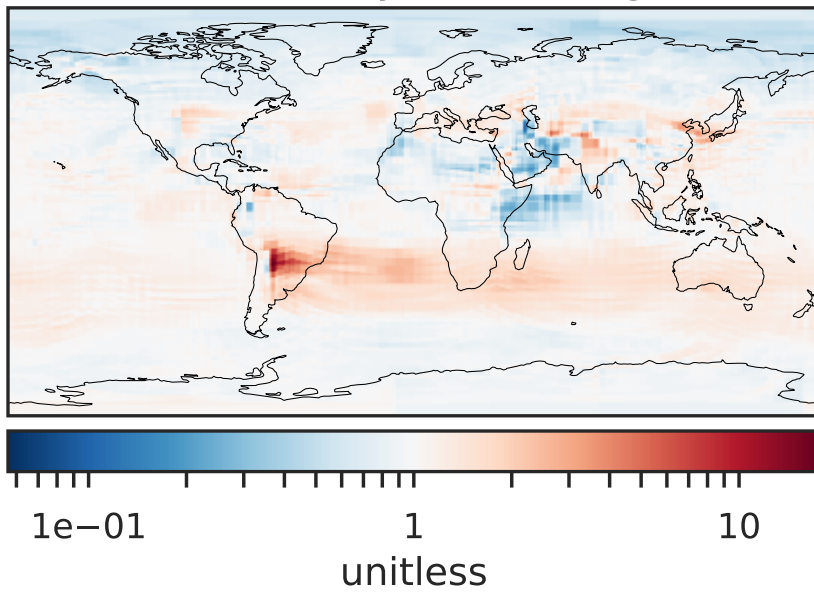
Difference (1x1.25)
Dev - Ref, Dynamic Range



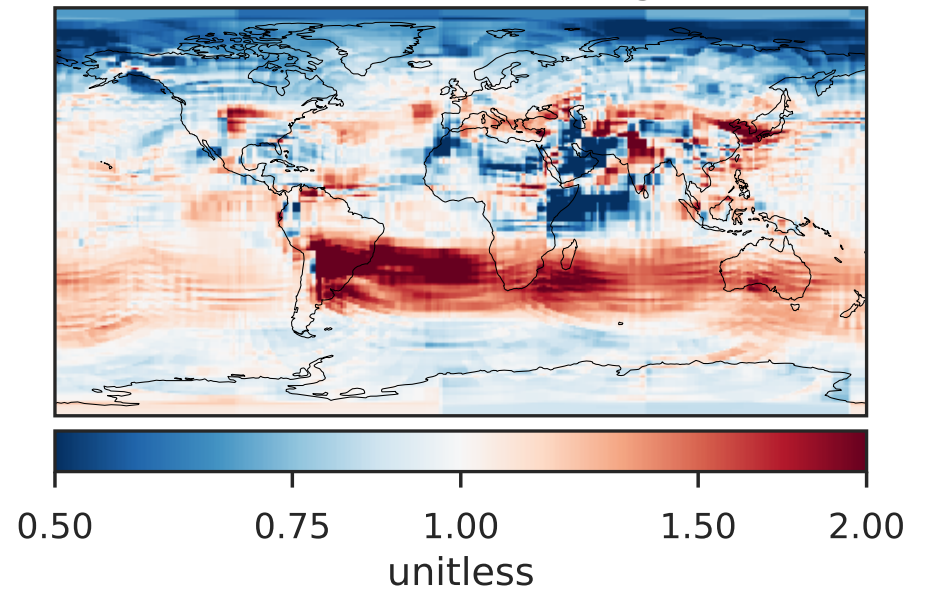
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

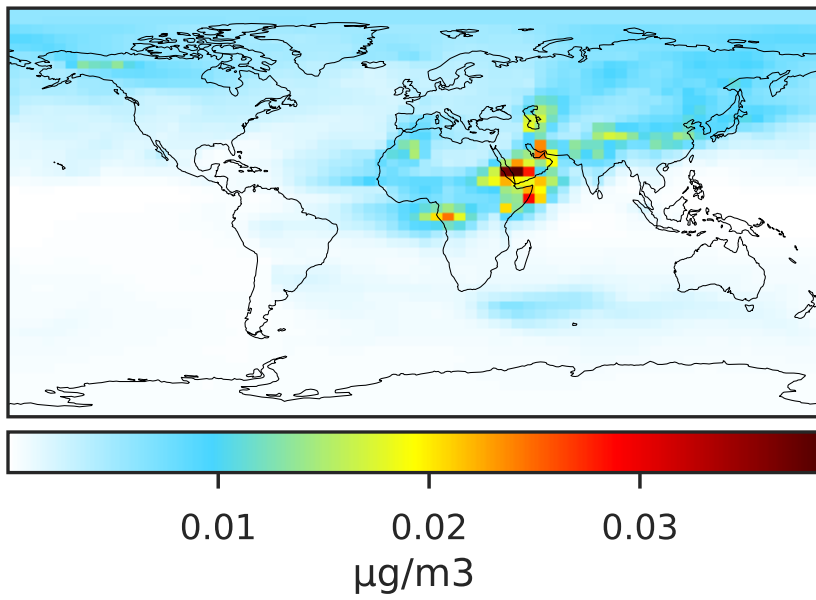


Ratio (1x1.25)
Dev/Ref, Fixed Range

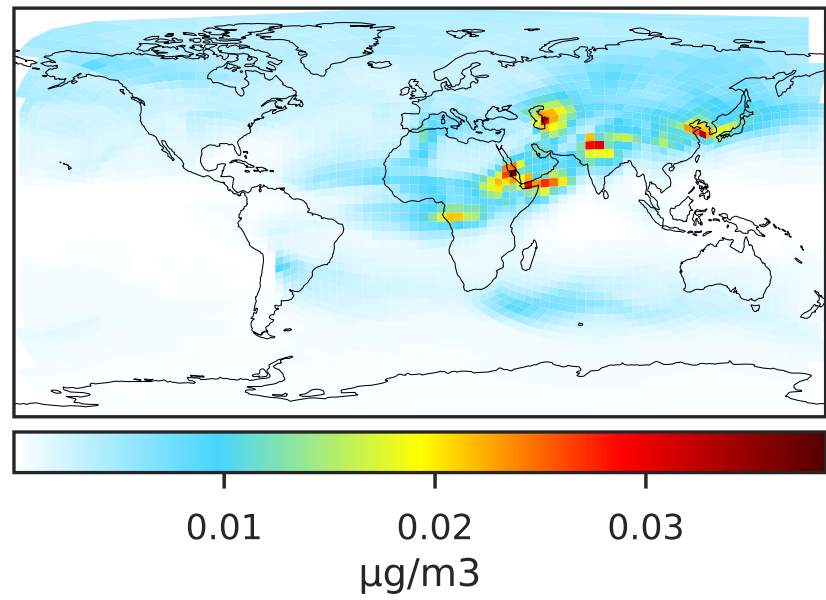


SpeciesConcVV_BCPI

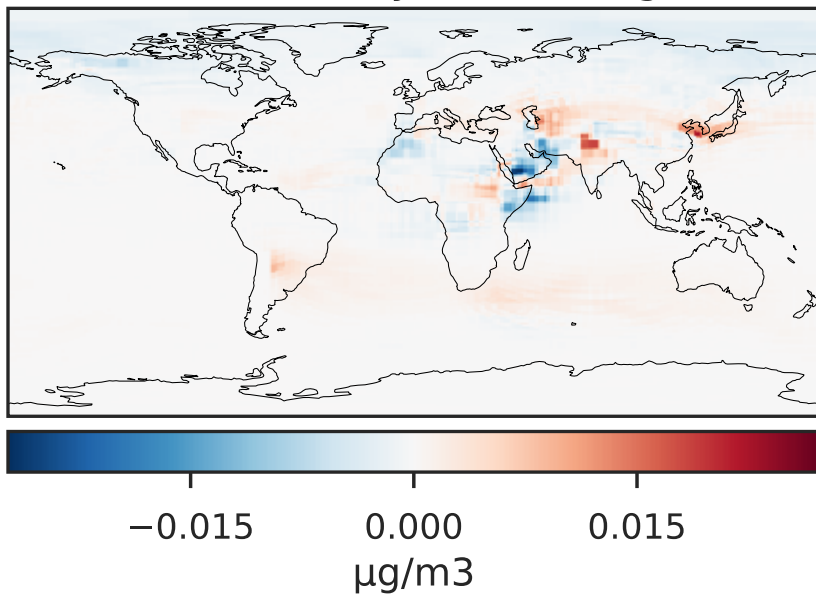
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



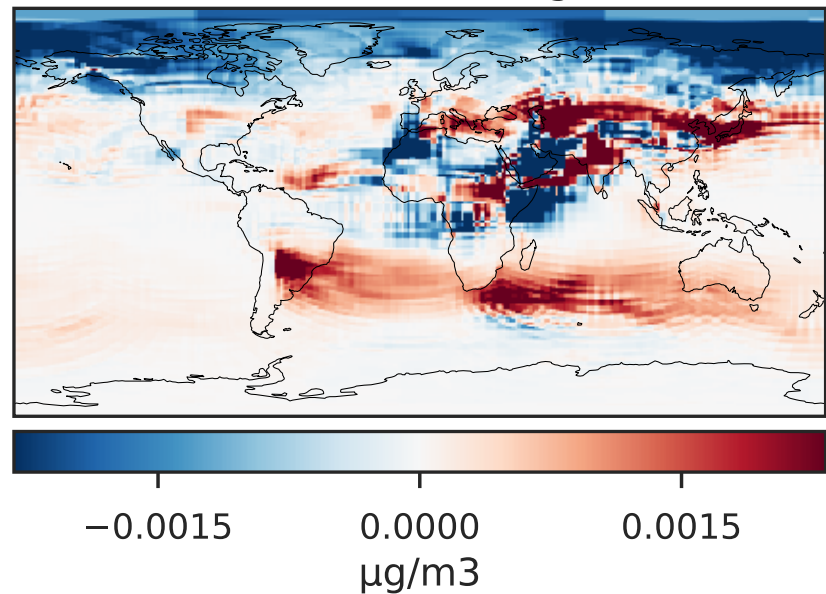
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



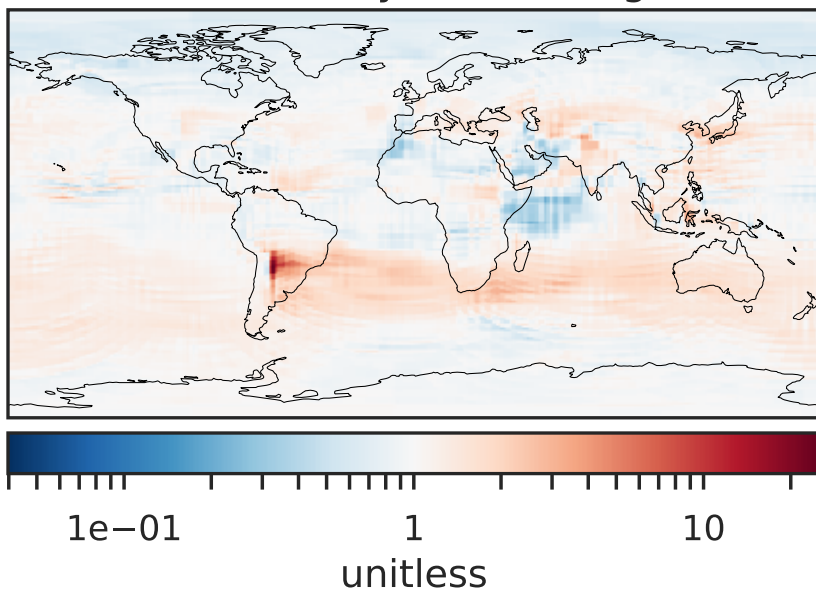
Difference (1x1.25)
Dev - Ref, Dynamic Range



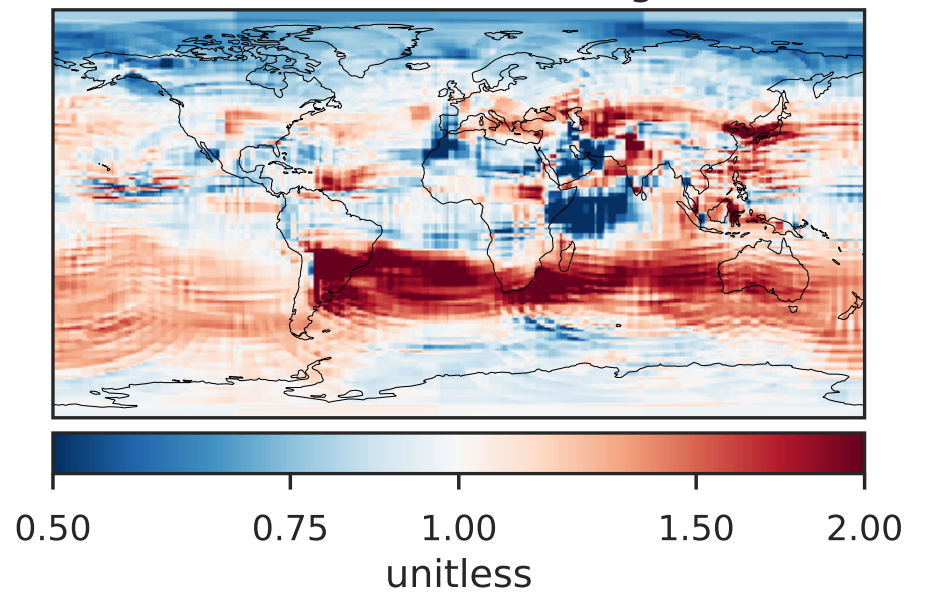
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

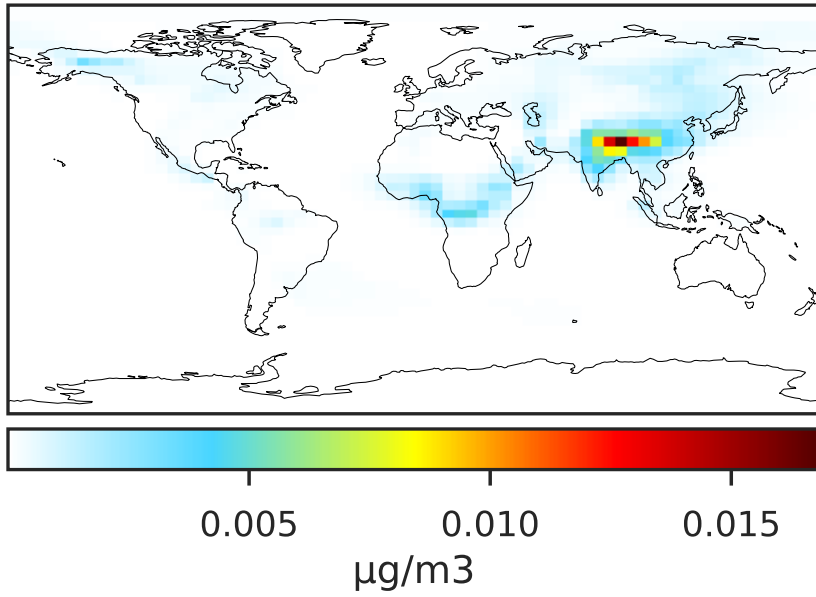


Ratio (1x1.25)
Dev/Ref, Fixed Range

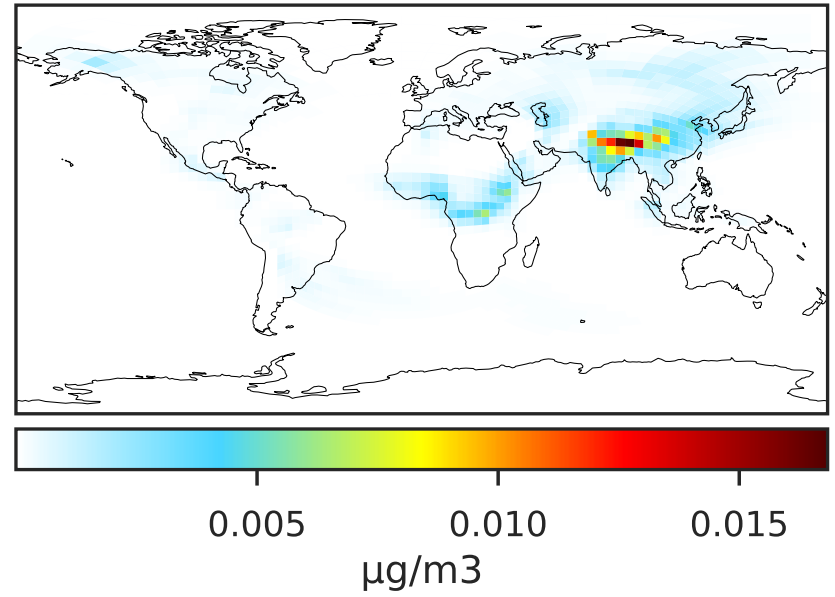


SpeciesConcVW_BCPO

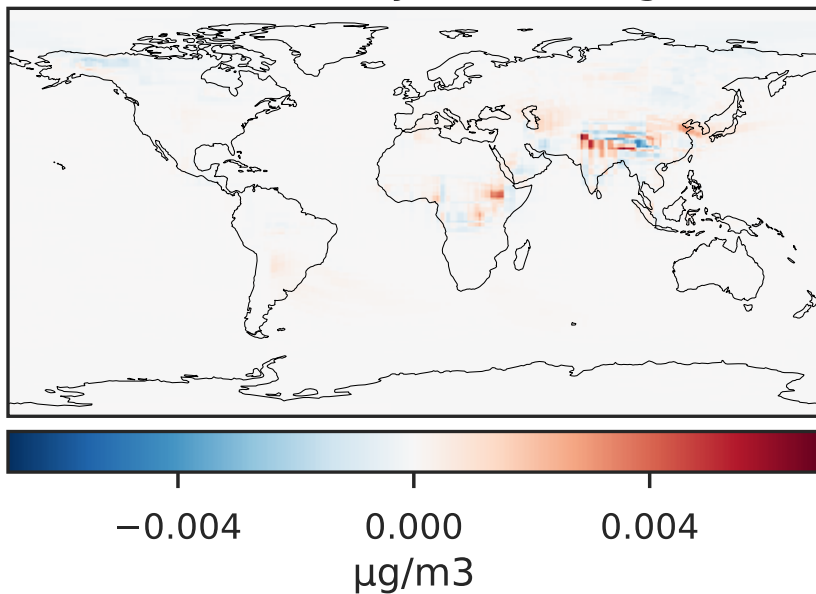
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



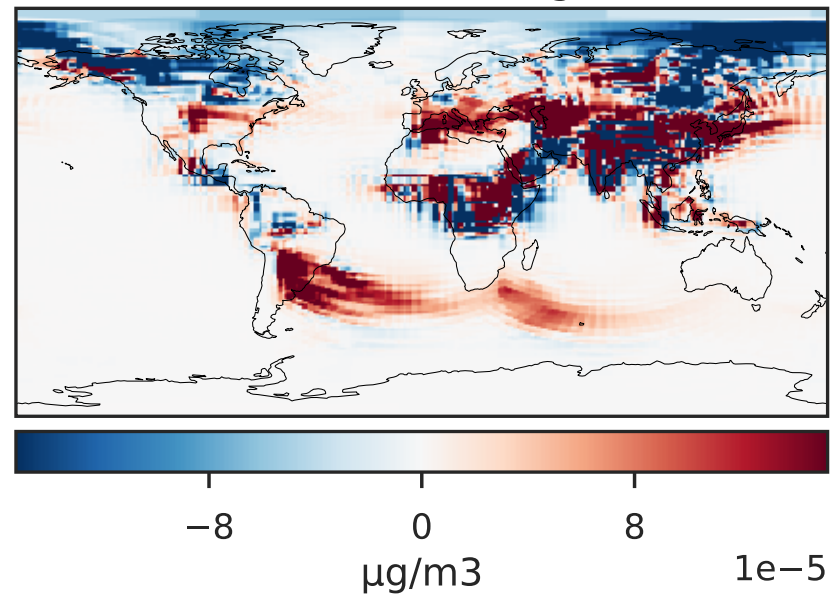
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



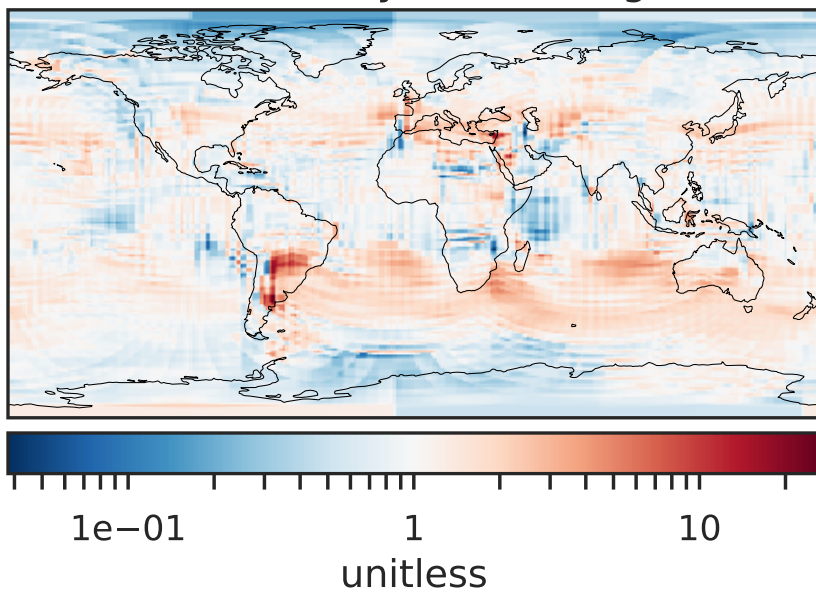
Difference (1x1.25)
Dev - Ref, Dynamic Range



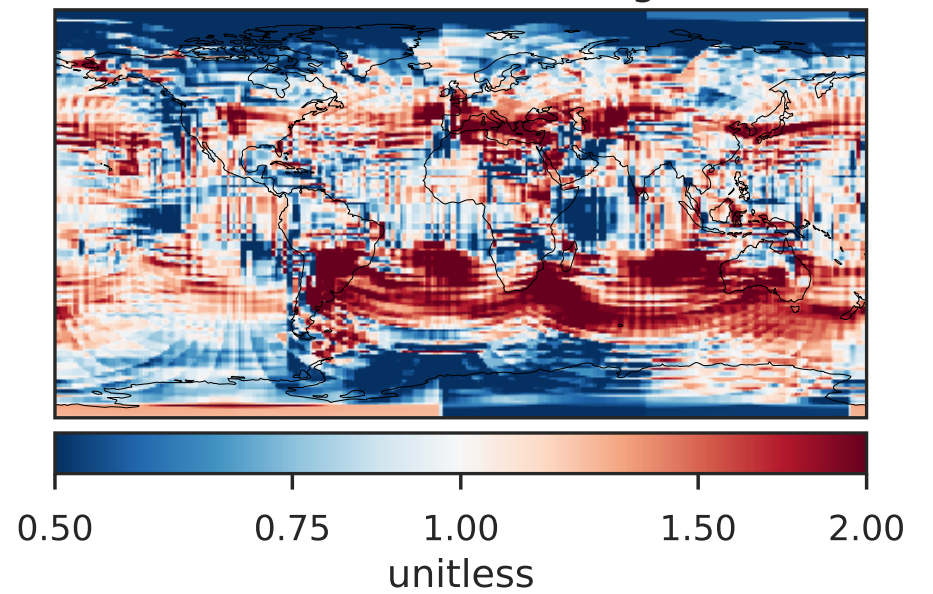
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

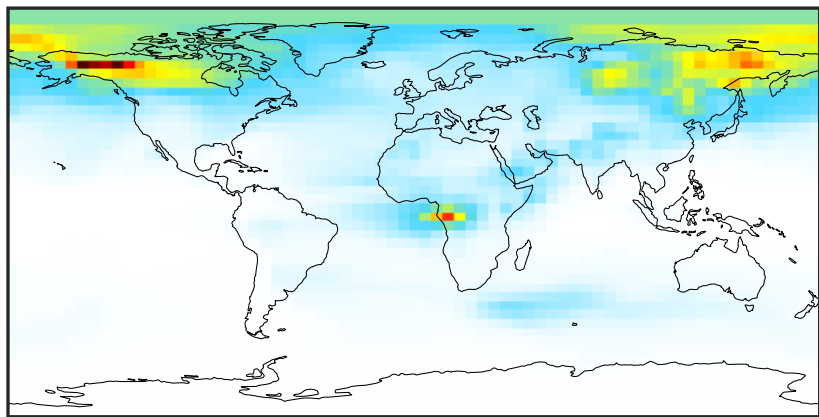


Ratio (1x1.25)
Dev/Ref, Fixed Range



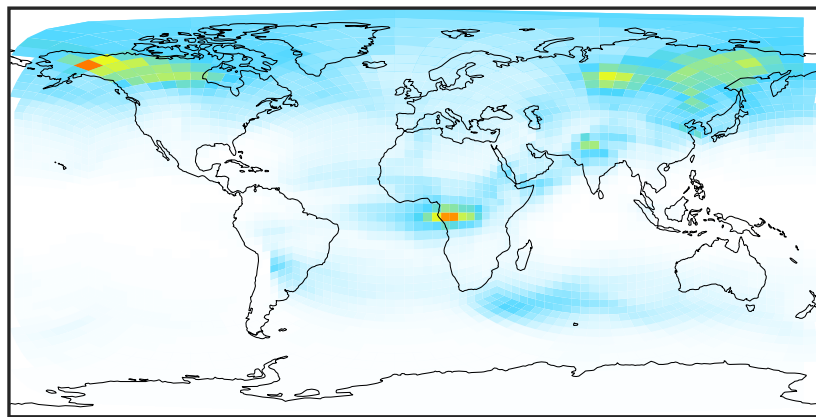
SpeciesConcVV_OCPI

gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



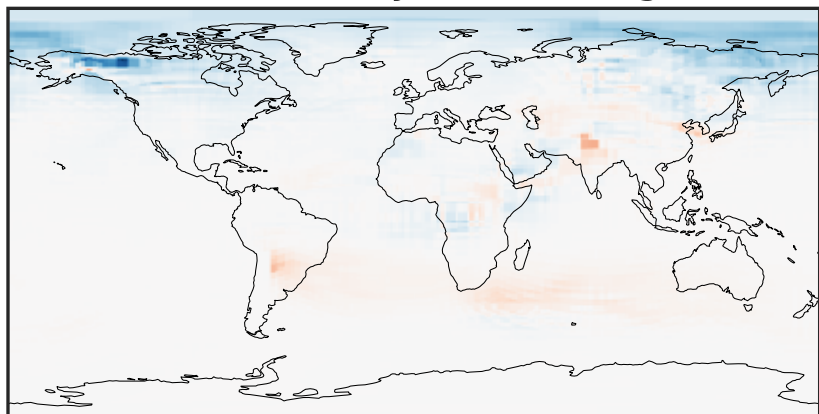
0.0001 0.0539 0.1079 0.1618 0.2158
 $\mu\text{g}/\text{m}^3$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



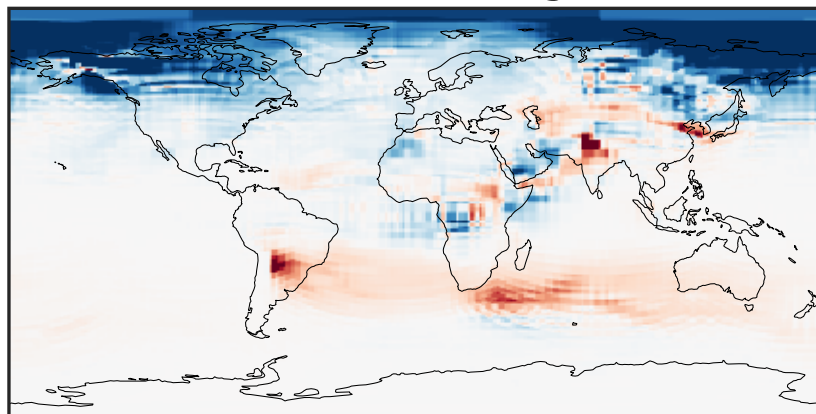
0.0001 0.0539 0.1079 0.1618 0.2158
 $\mu\text{g}/\text{m}^3$

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



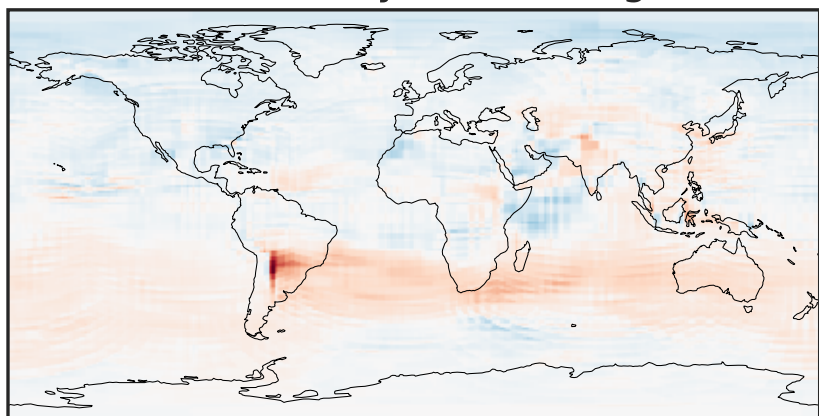
-0.1423 -0.0712 0.0000 0.0712 0.1423
 $\mu\text{g}/\text{m}^3$

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



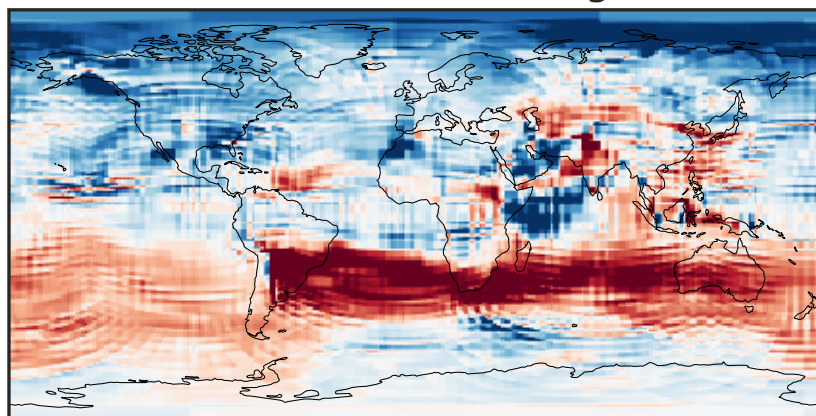
-0.02 0.00 0.02
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

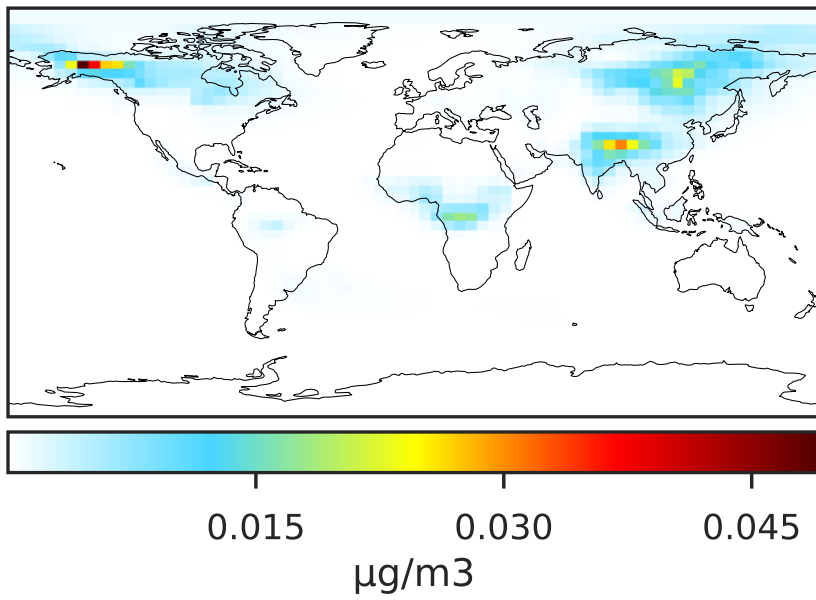
Ratio (1x1.25)
Dev/Ref, Fixed Range



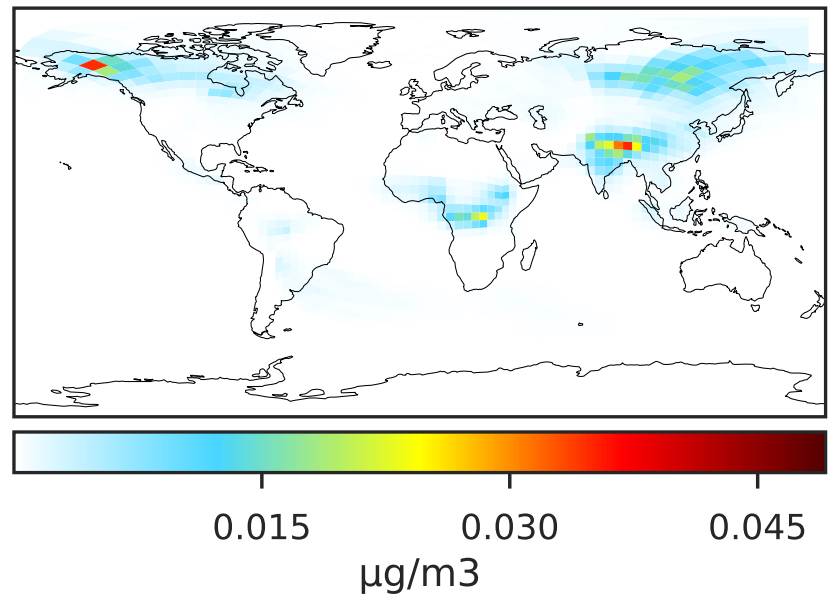
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_OCPO

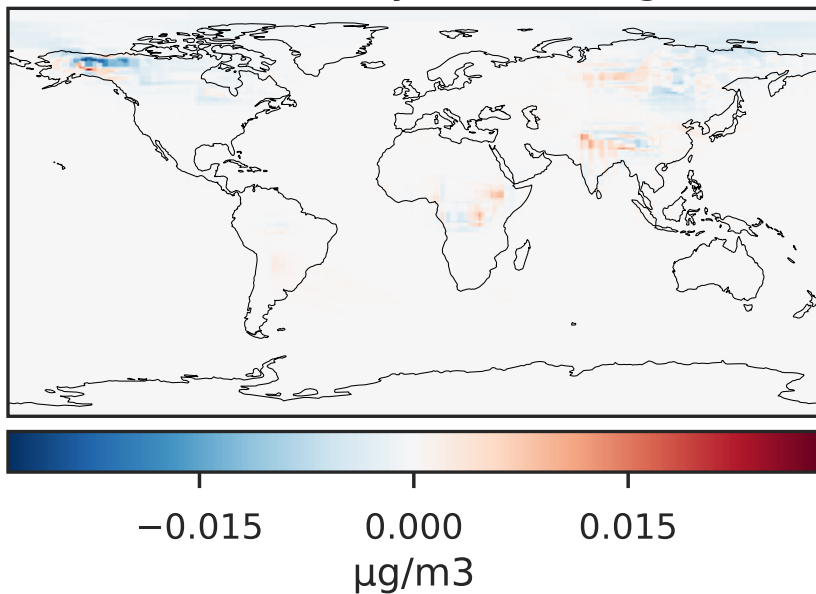
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



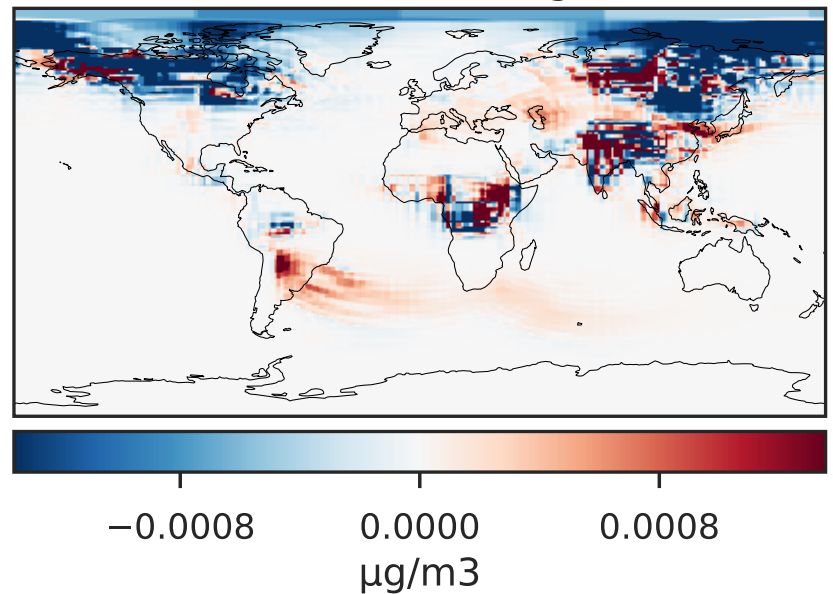
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



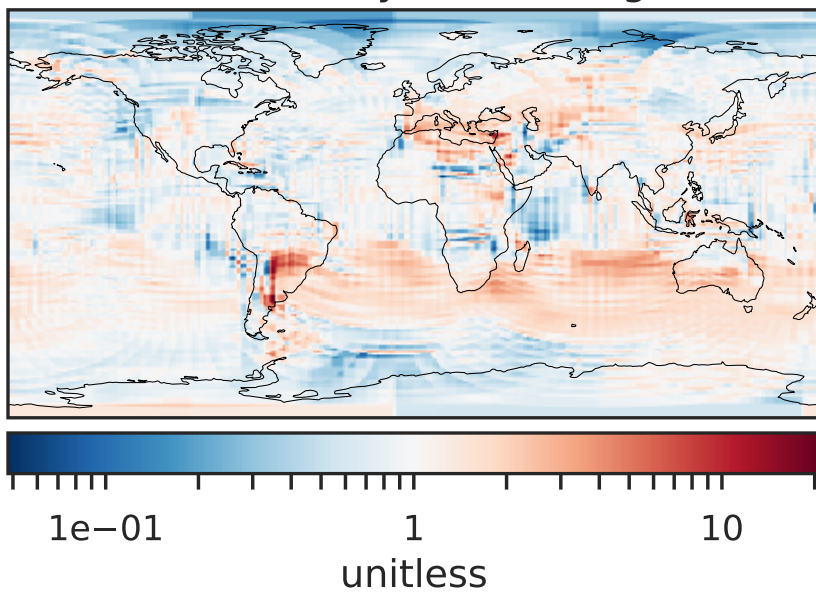
Difference (1x1.25)
Dev - Ref, Dynamic Range



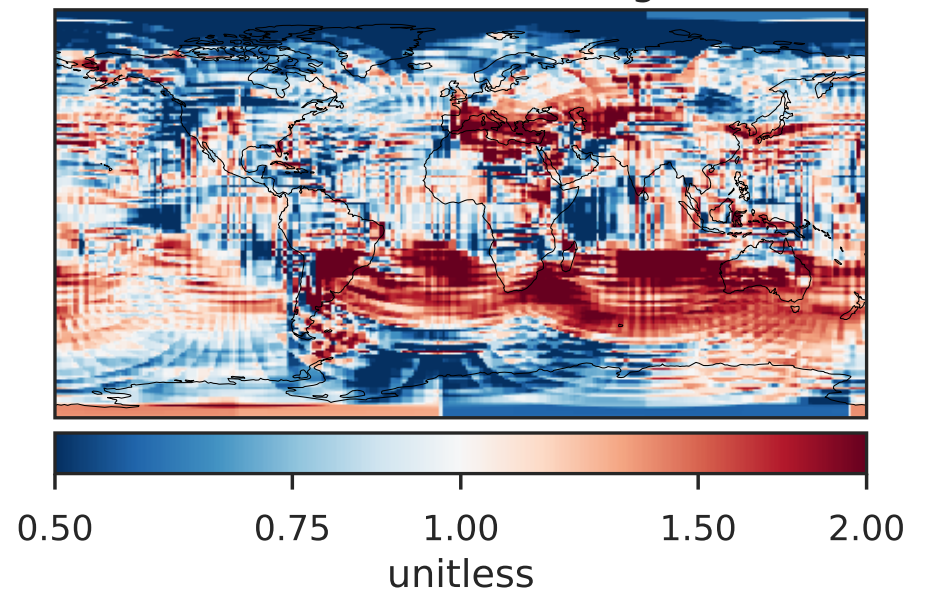
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

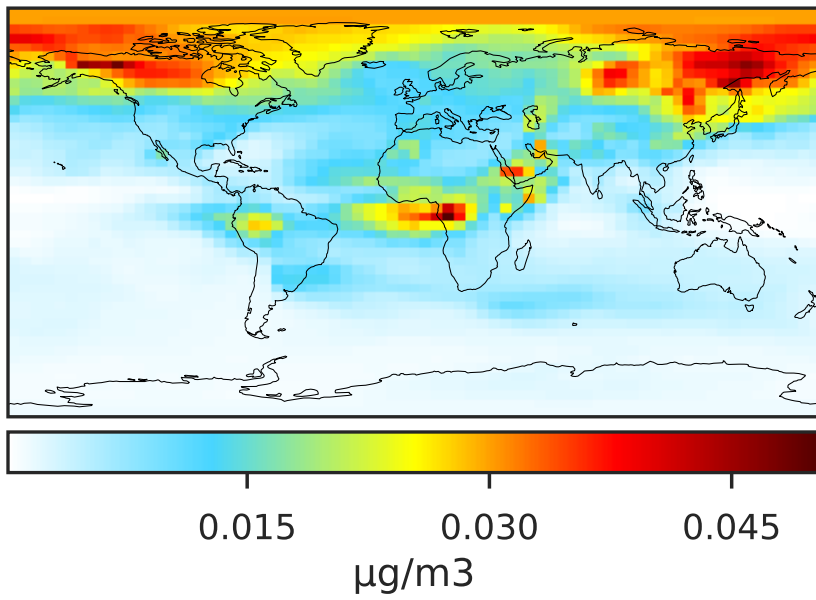


Ratio (1x1.25)
Dev/Ref, Fixed Range

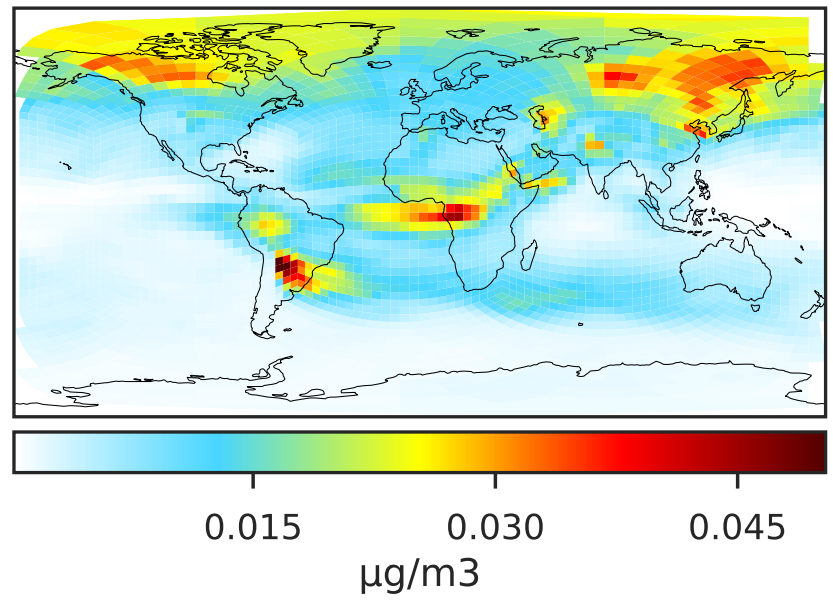


SpeciesConcVV_Complex_SOA

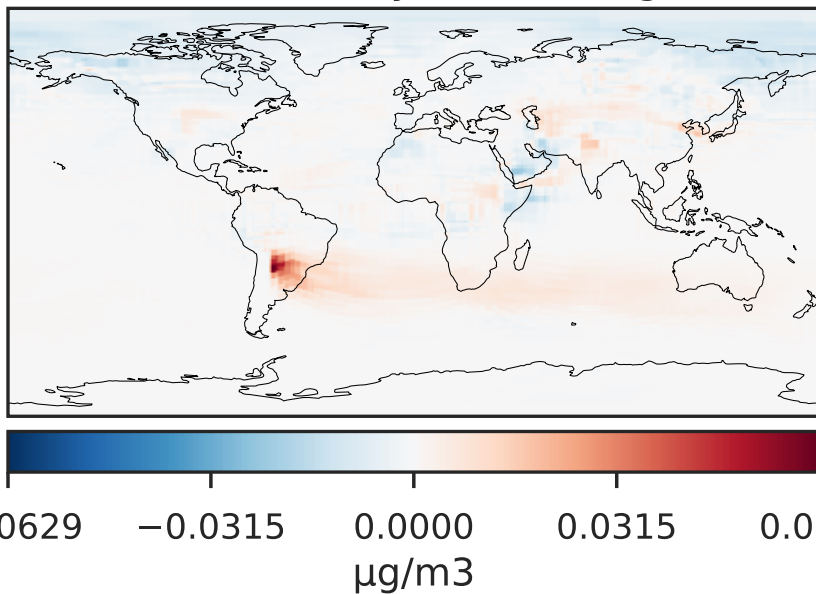
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



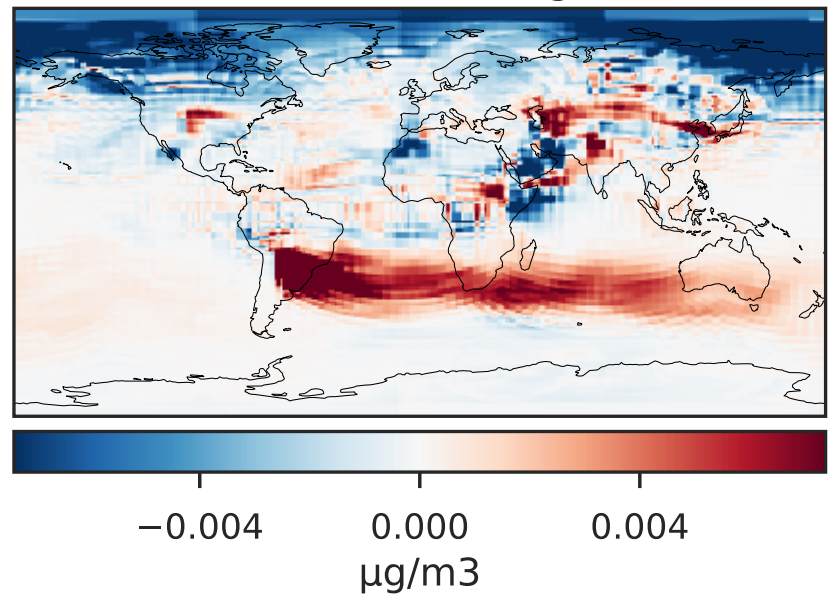
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



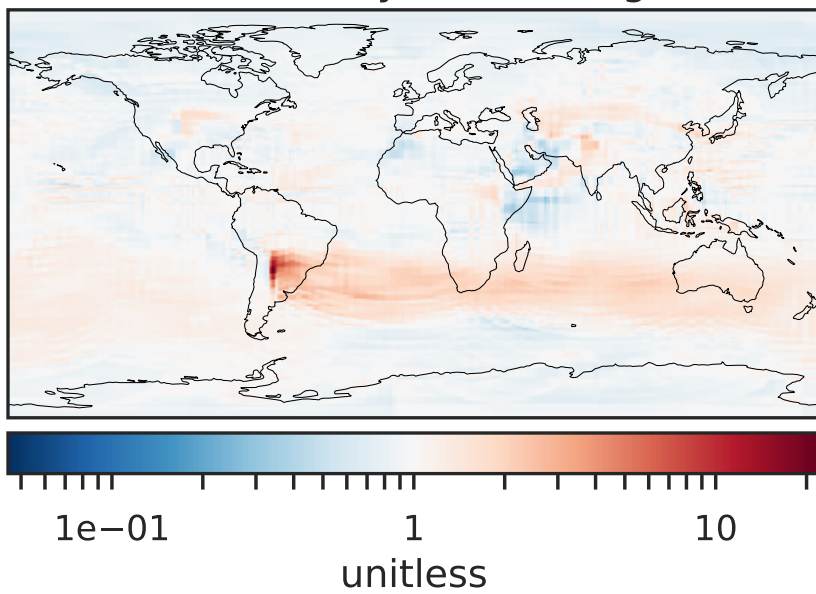
Difference (1x1.25)
Dev - Ref, Dynamic Range



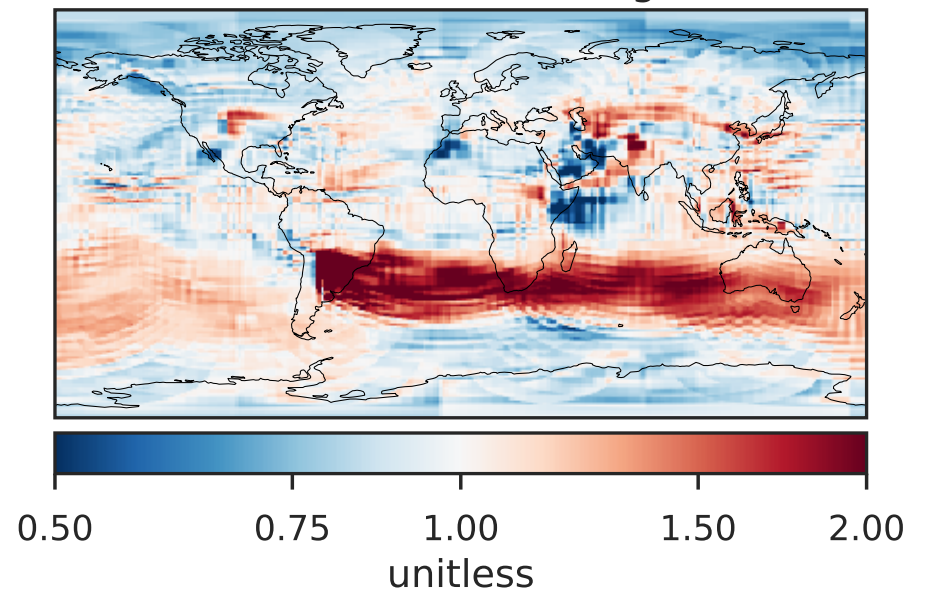
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

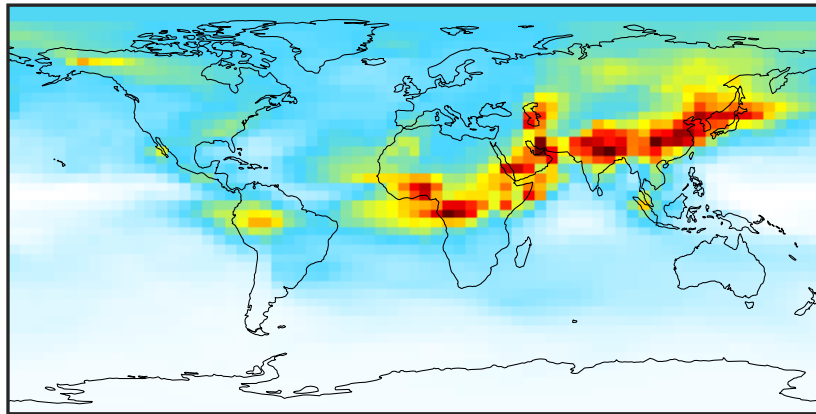


Ratio (1x1.25)
Dev/Ref, Fixed Range



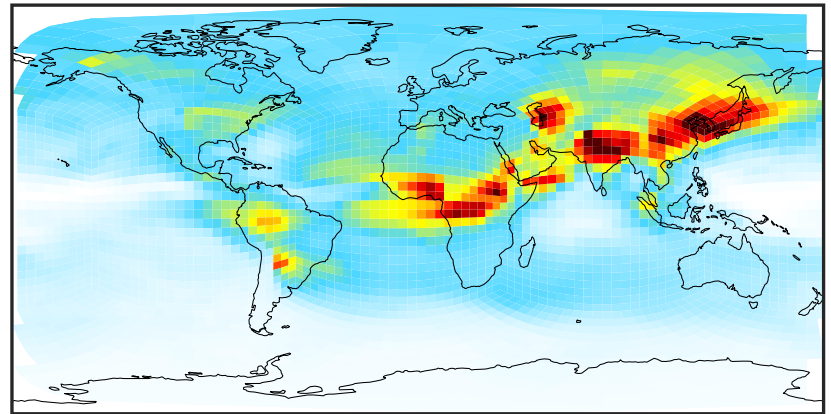
SpeciesConcVV_Simple_SOA

gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



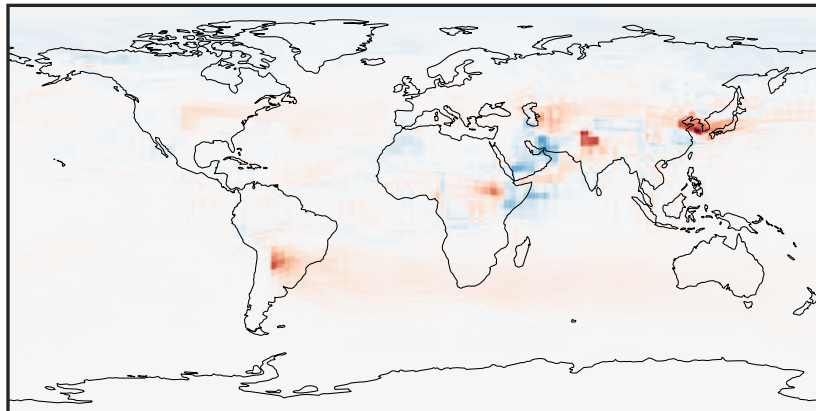
0.0023 0.0765 0.1530 0.2296 0.3083
 $\mu\text{g}/\text{m}^3$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



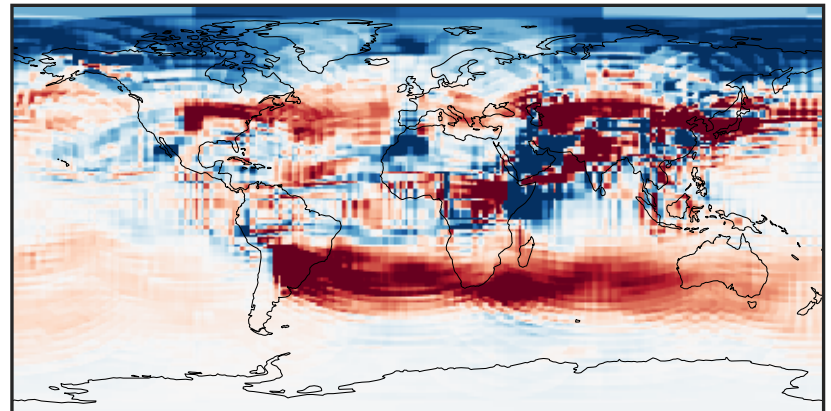
0.0023 0.0765 0.1530 0.2296 0.3083
 $\mu\text{g}/\text{m}^3$

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



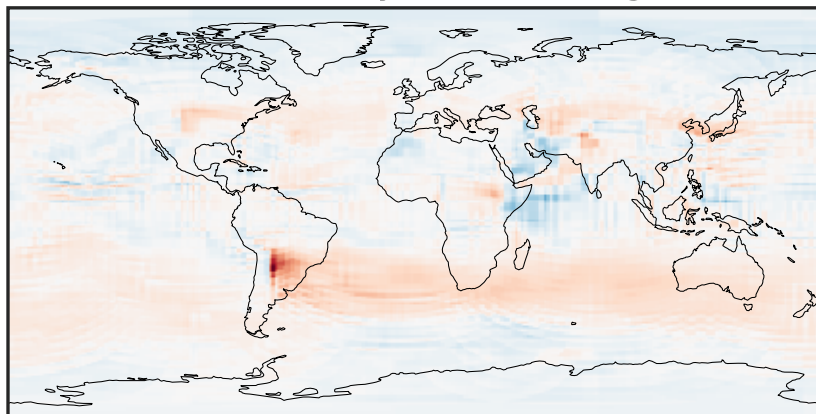
-0.286 -0.143 0.000 0.143 0.286
 $\mu\text{g}/\text{m}^3$

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



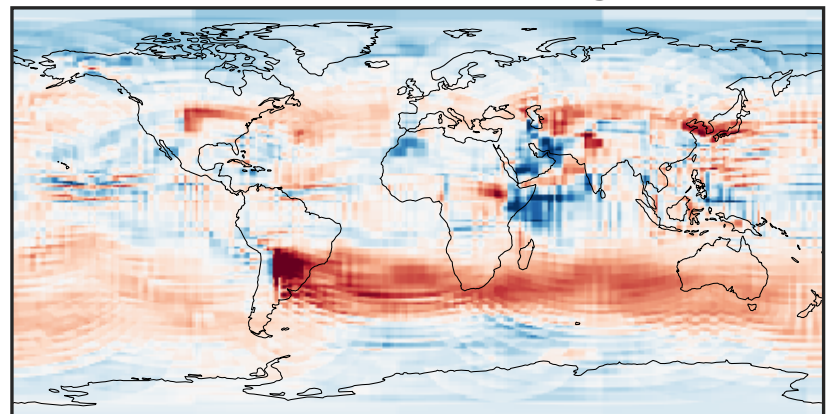
-0.015 0.000 0.015
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



0.128 0.564 1.000 4.407 7.814
unitless

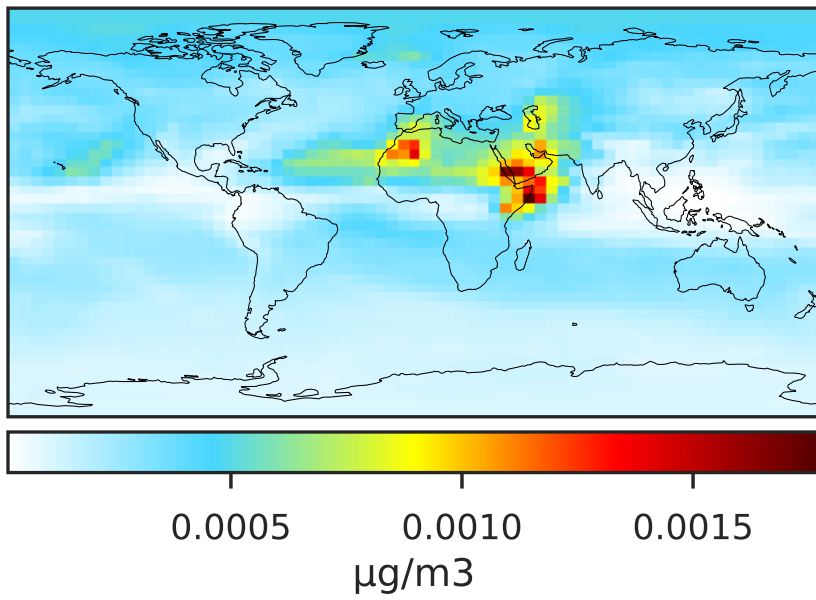
Ratio (1x1.25)
Dev/Ref, Fixed Range



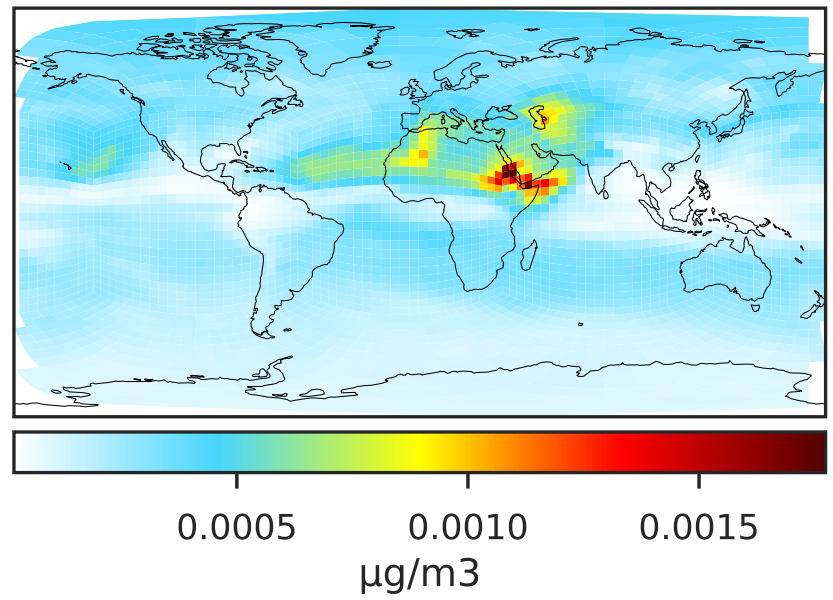
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_AERI

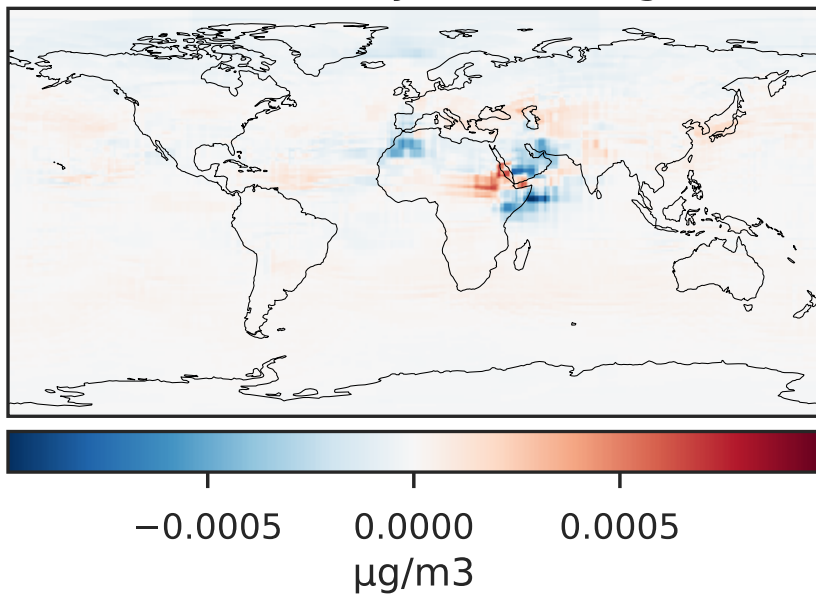
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



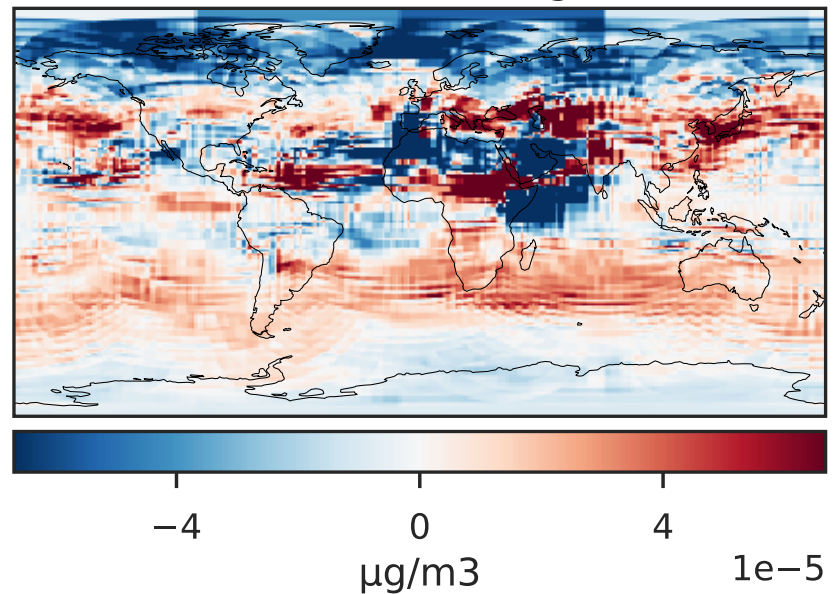
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



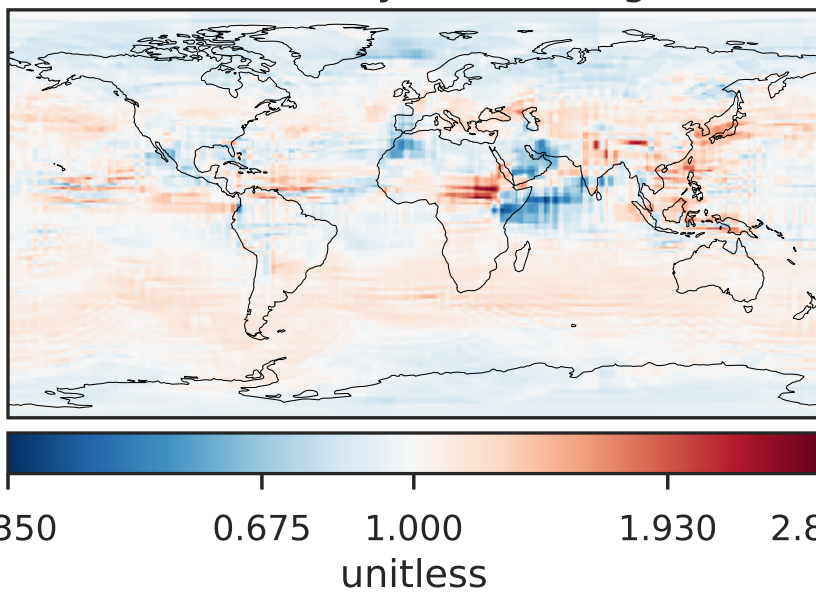
Difference (1x1.25)
Dev - Ref, Dynamic Range



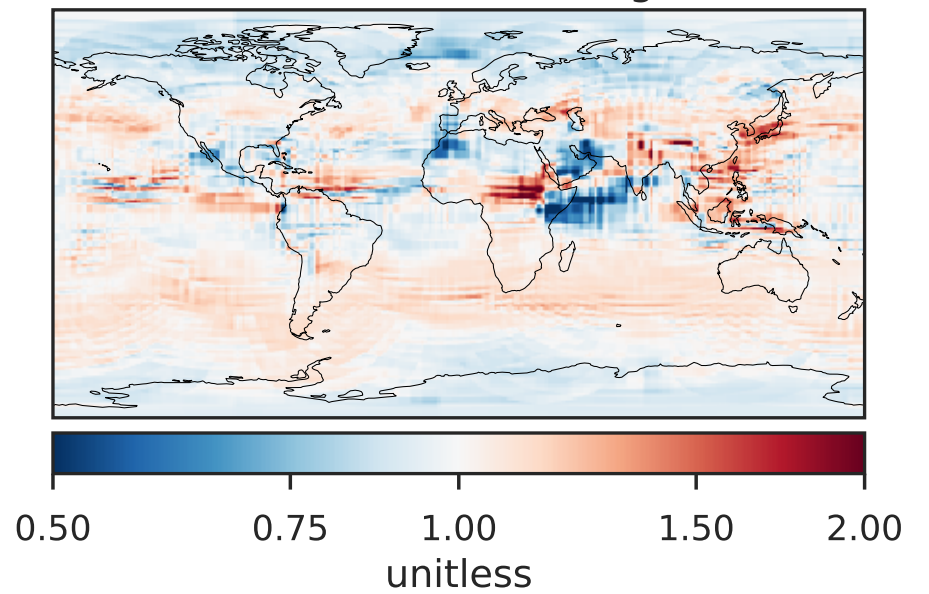
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

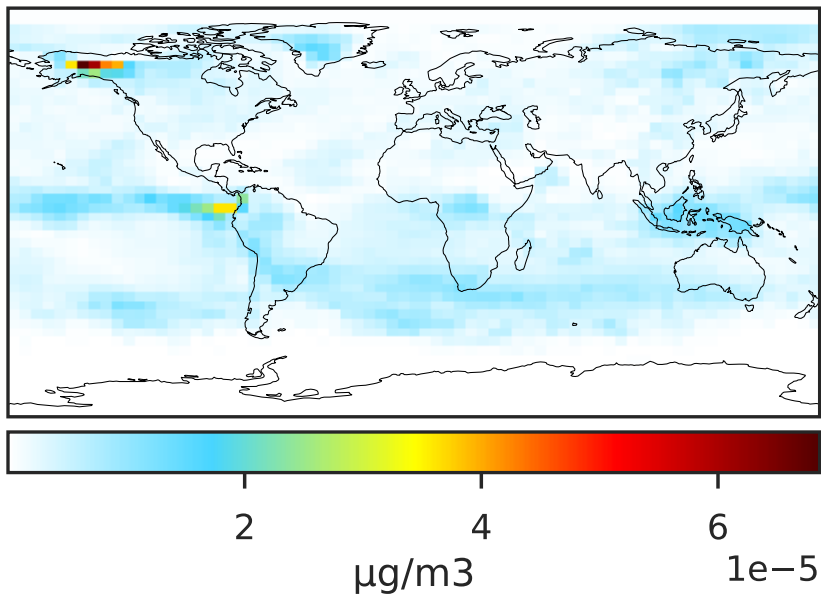


Ratio (1x1.25)
Dev/Ref, Fixed Range

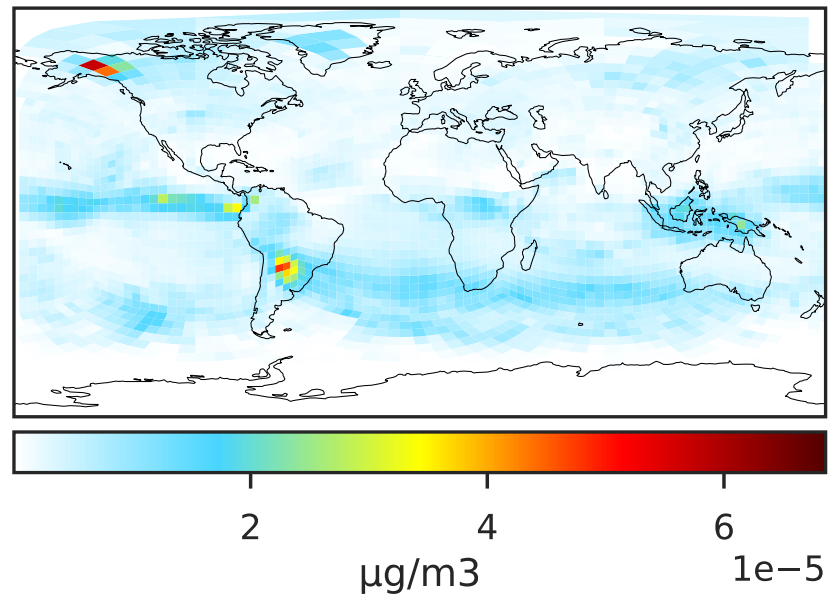


SpeciesConcVW_BrSALA

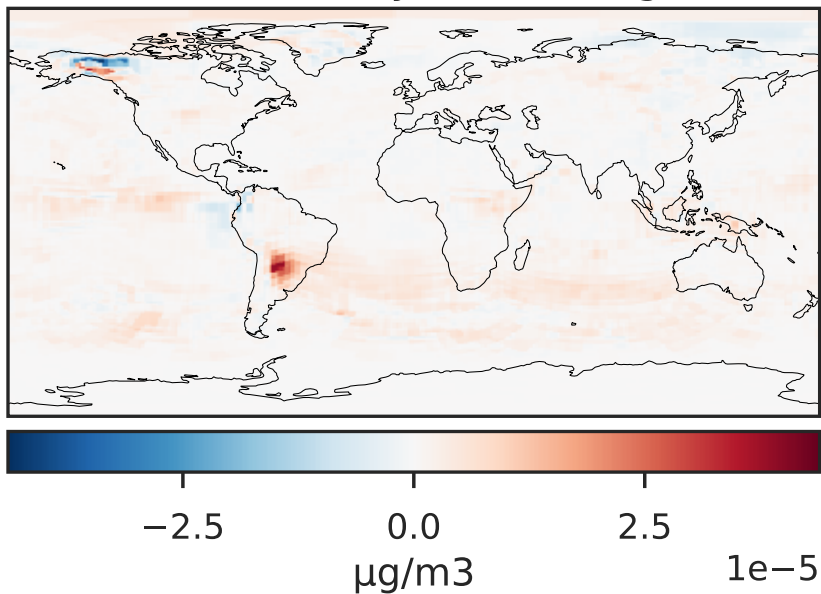
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



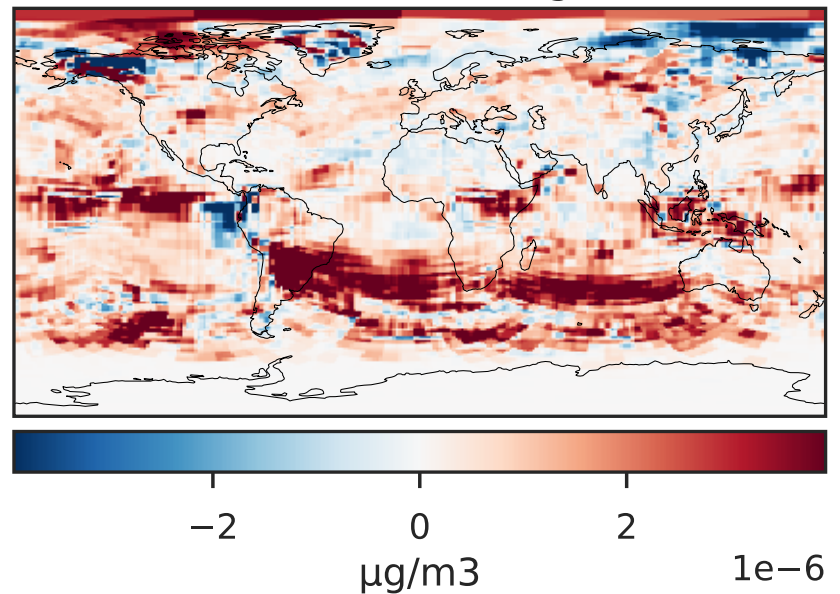
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



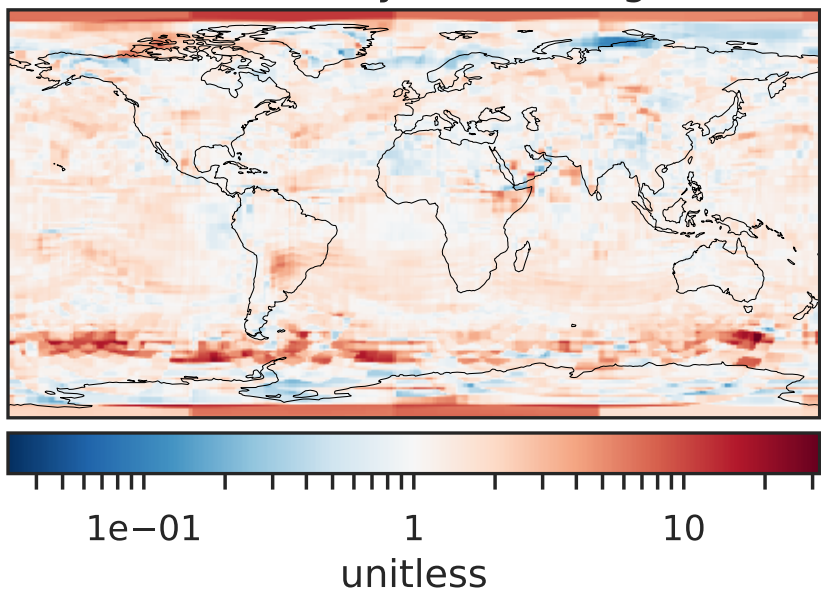
Difference (1x1.25)
Dev - Ref, Dynamic Range



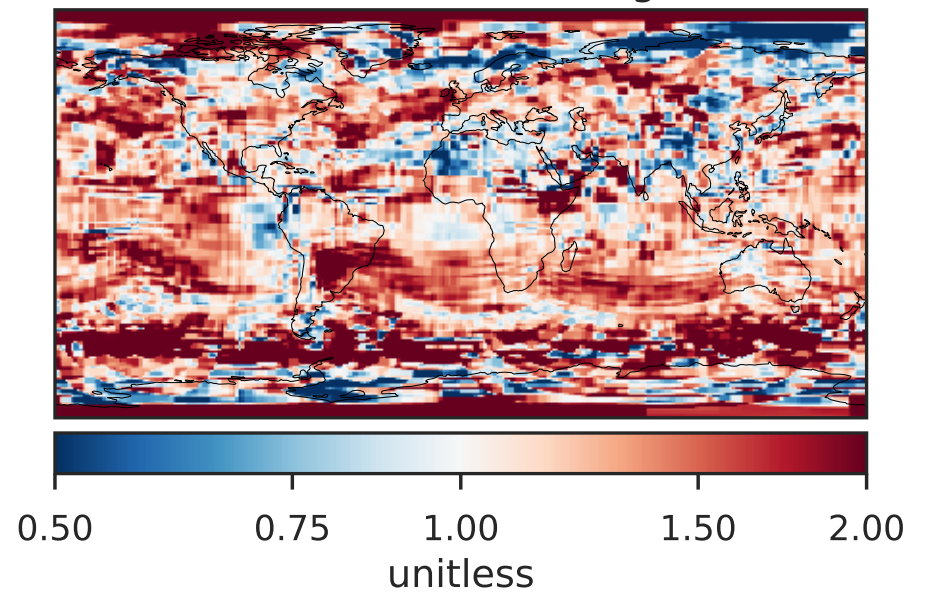
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

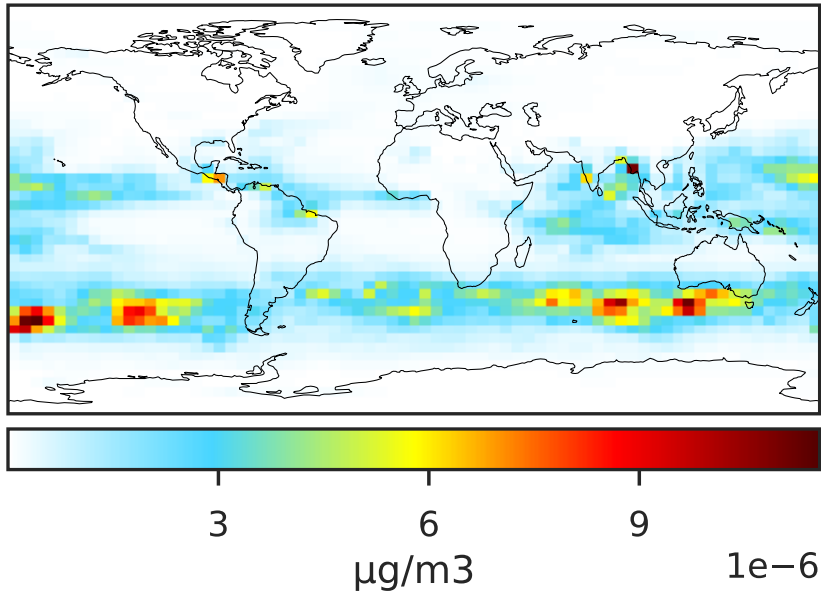


Ratio (1x1.25)
Dev/Ref, Fixed Range

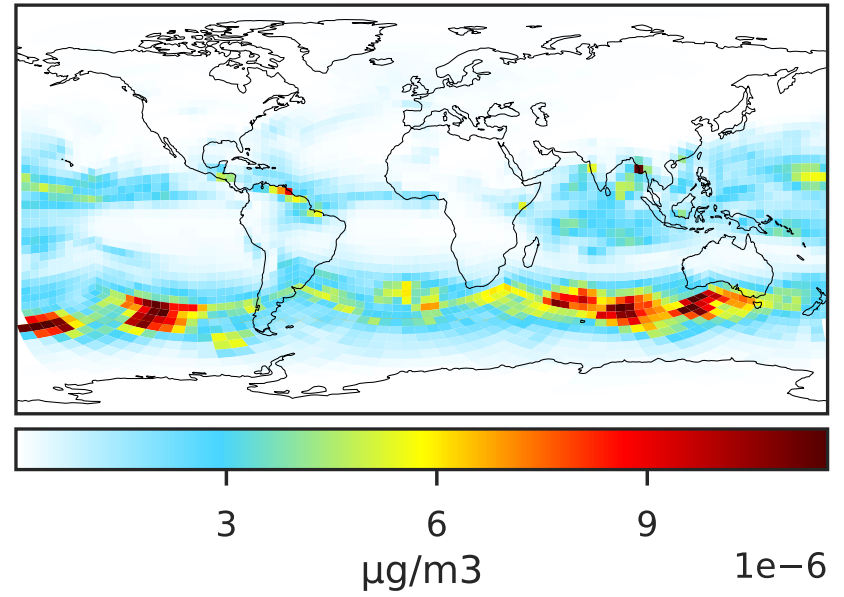


SpeciesConcVW_BrSALC

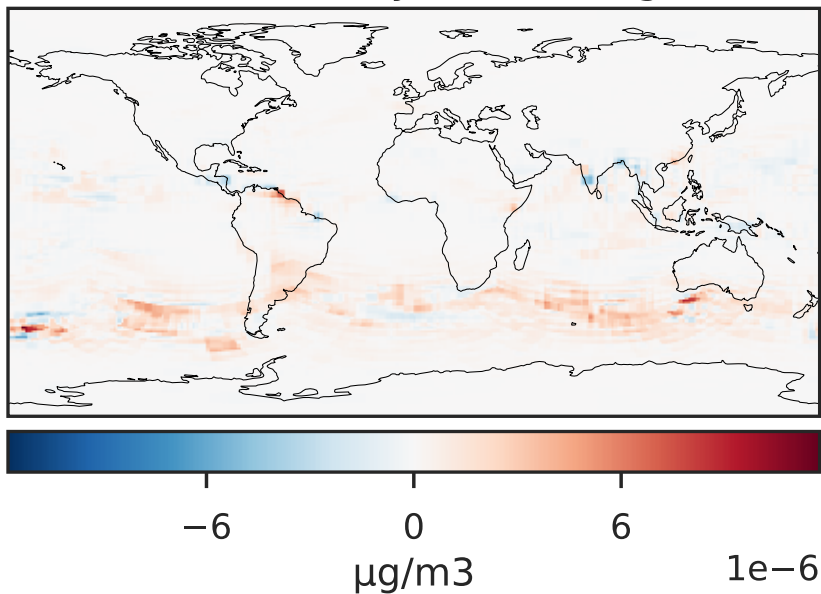
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



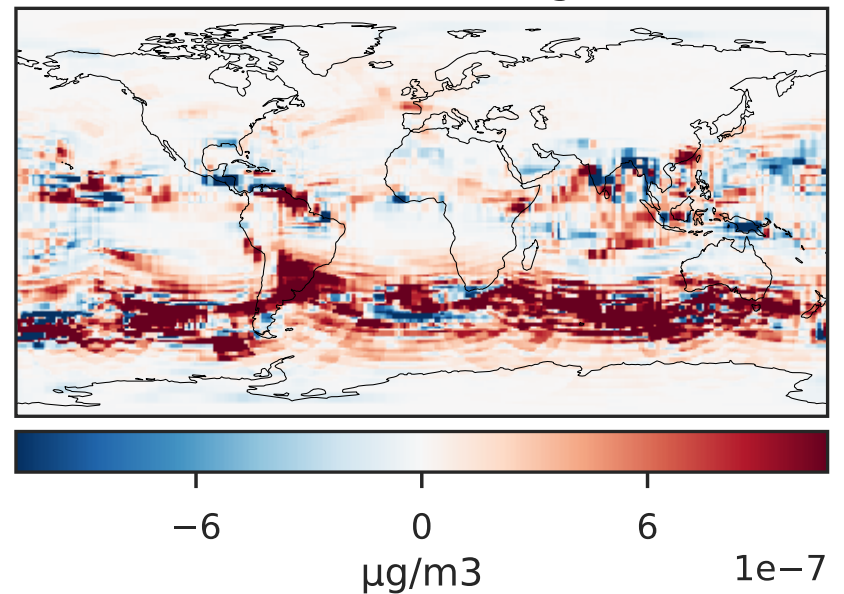
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



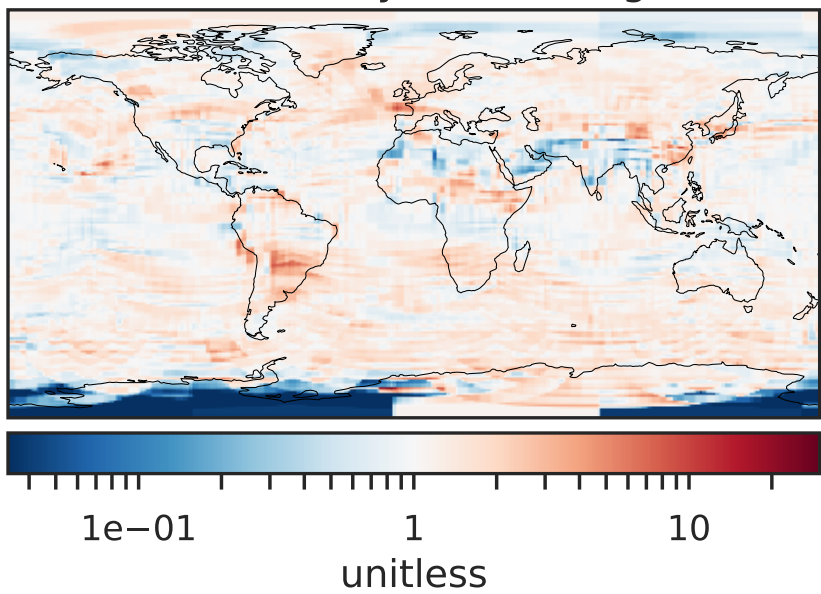
Difference (1x1.25)
Dev - Ref, Dynamic Range



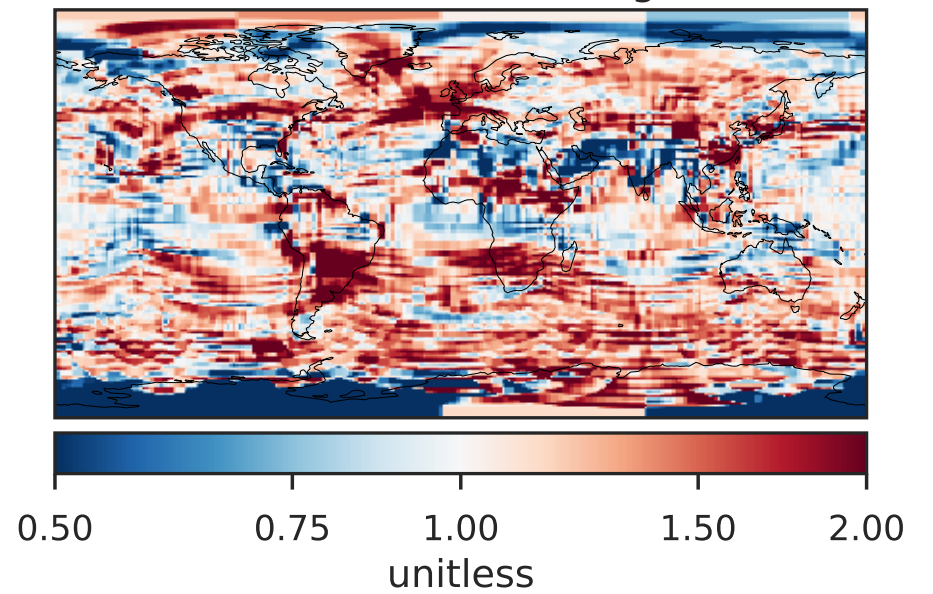
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

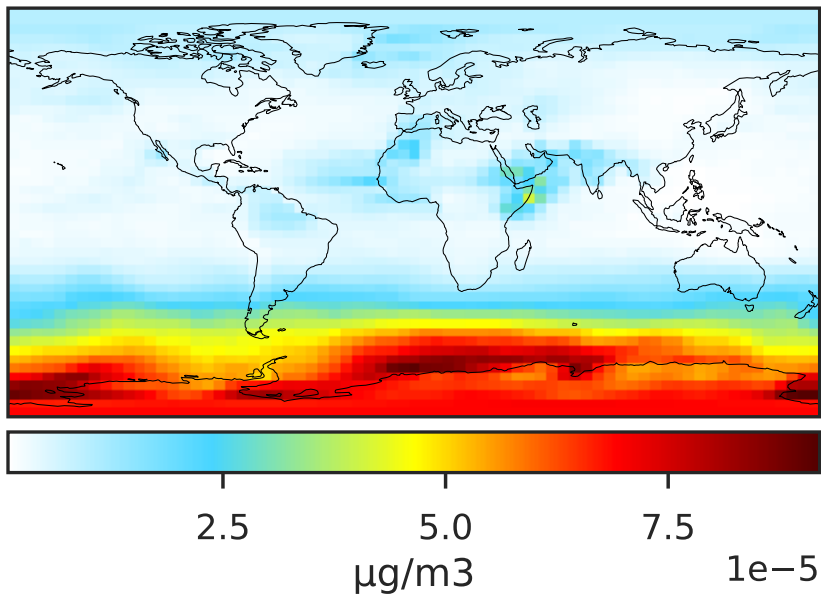


Ratio (1x1.25)
Dev/Ref, Fixed Range

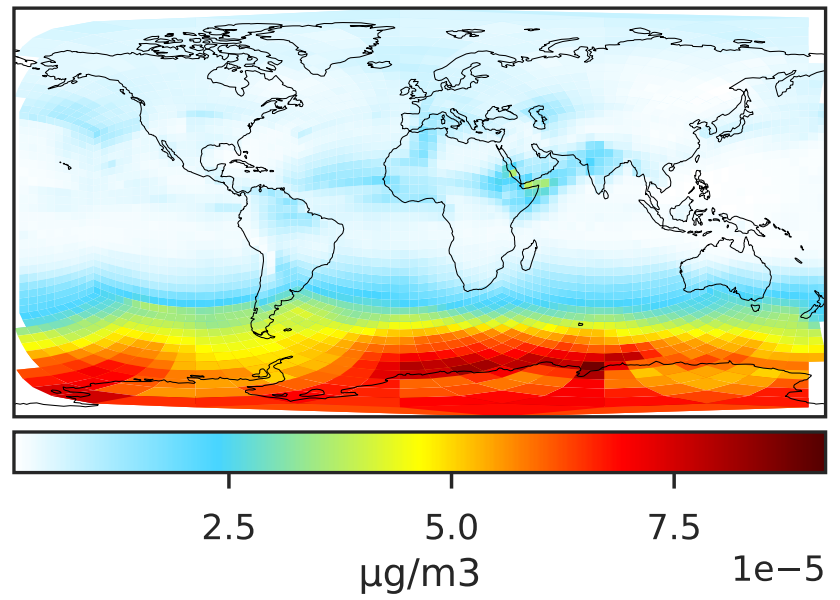


SpeciesConcVV_ISALA

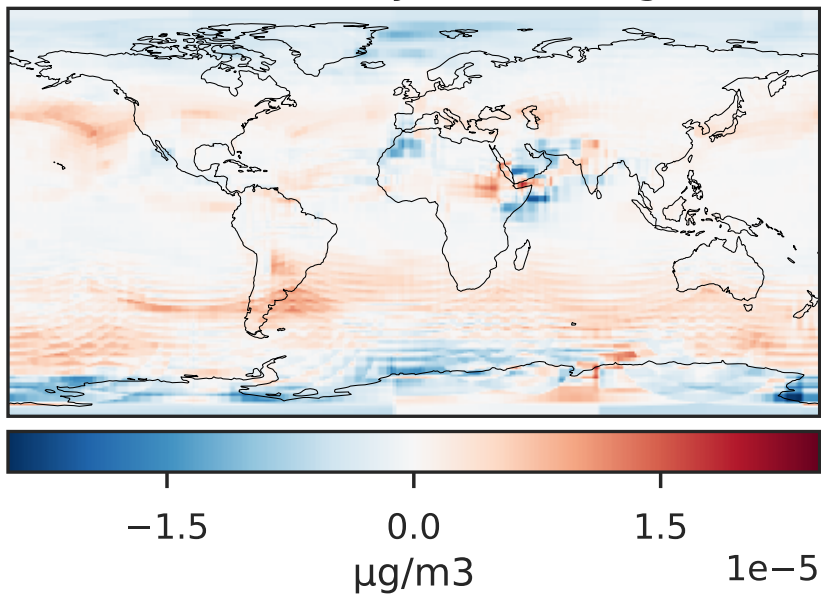
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



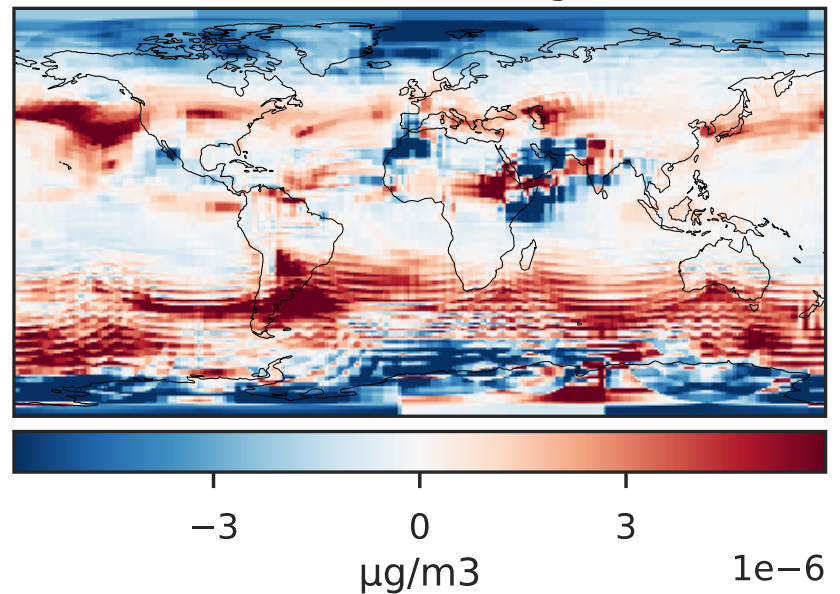
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



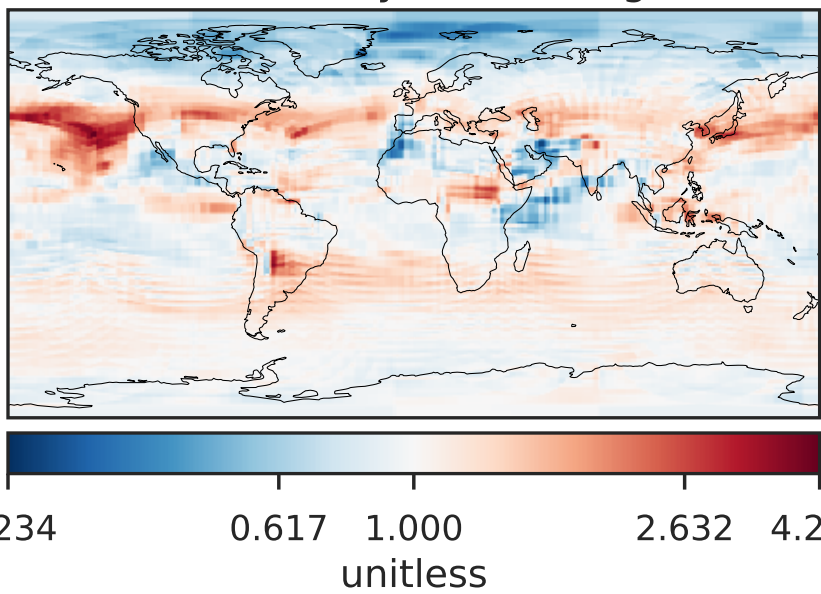
Difference (1x1.25)
Dev - Ref, Dynamic Range



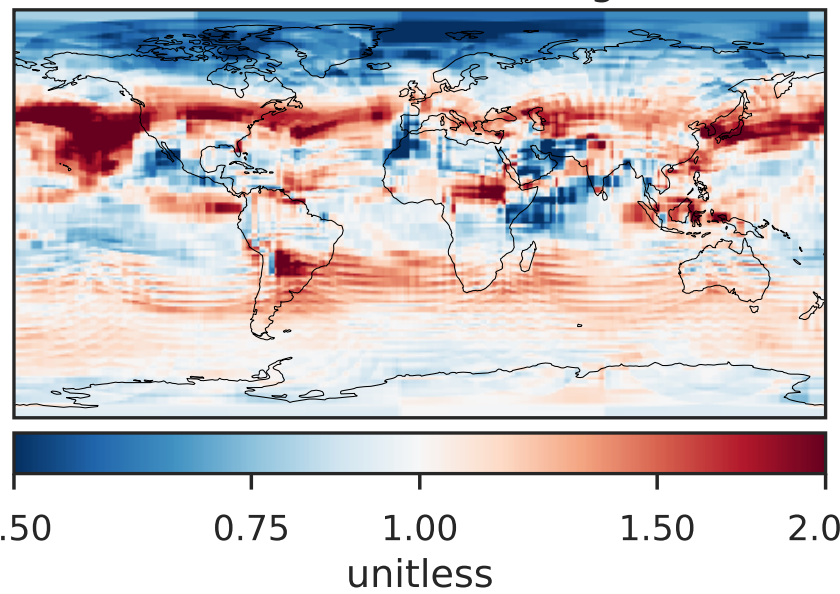
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

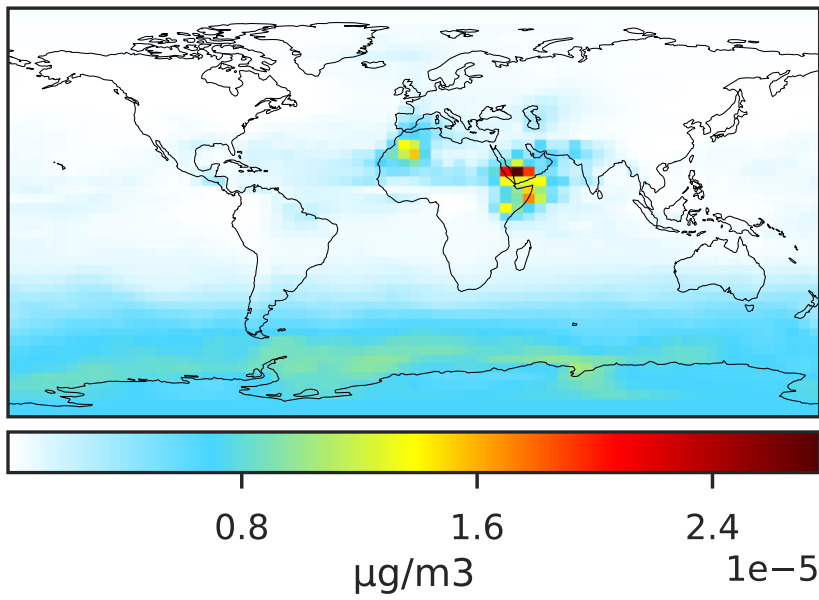


Ratio (1x1.25)
Dev/Ref, Fixed Range

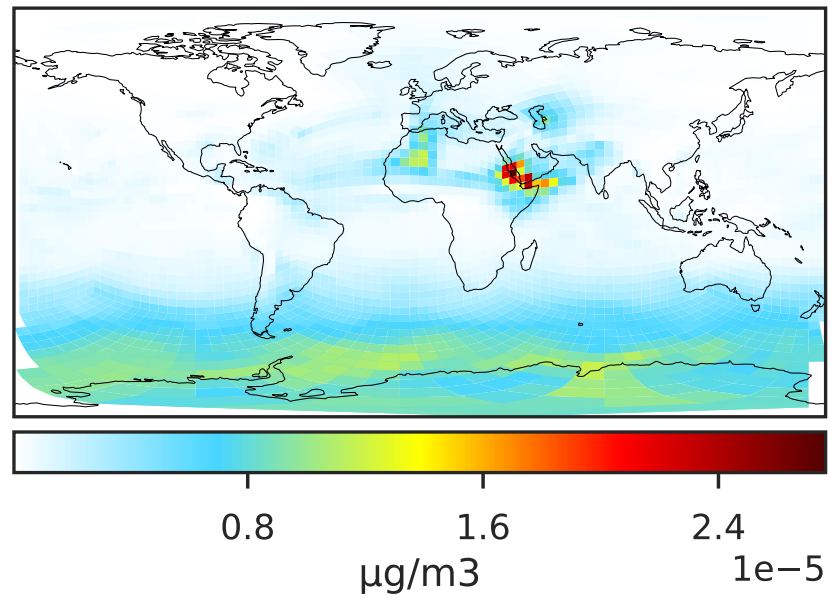


SpeciesConcVV_ISALC

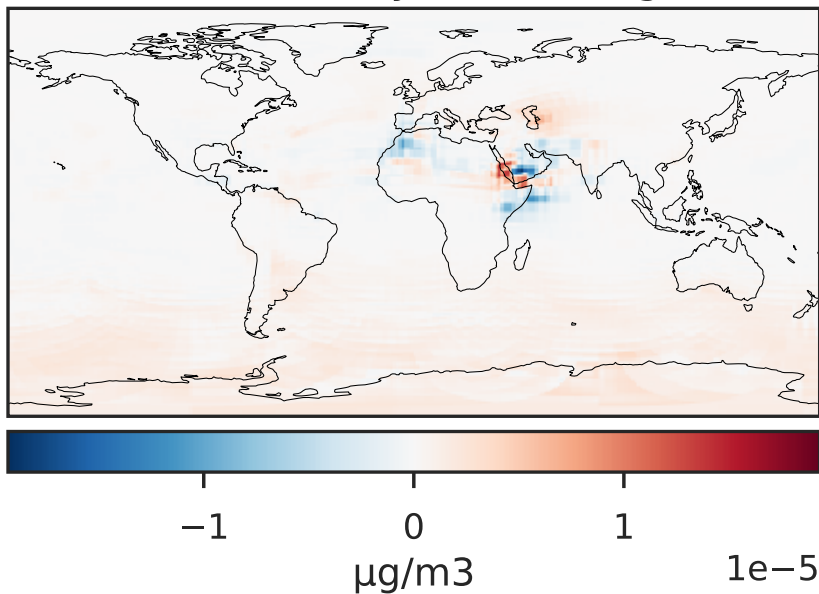
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



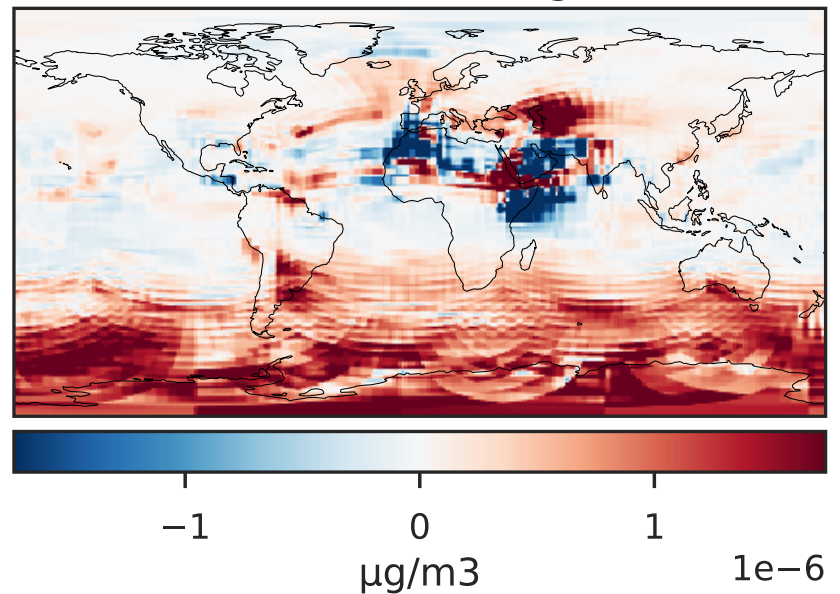
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



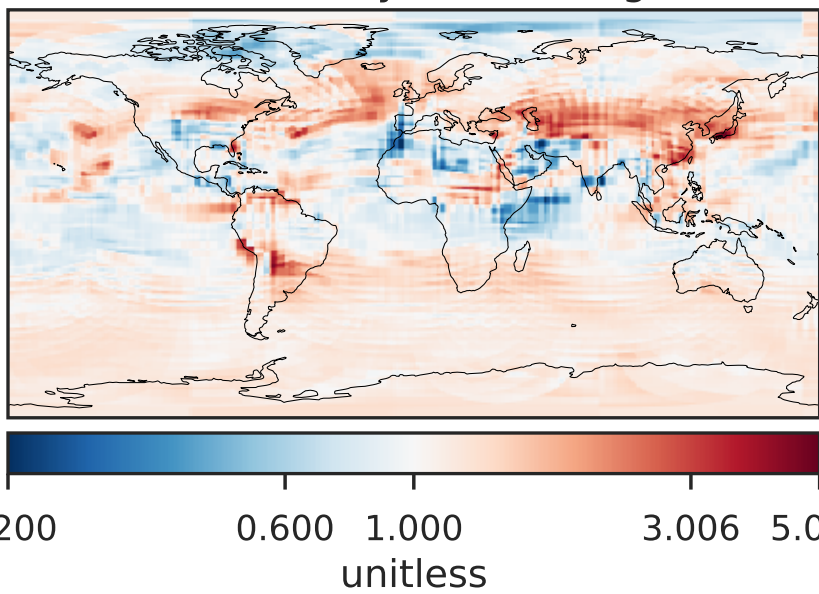
Difference (1x1.25)
Dev - Ref, Dynamic Range



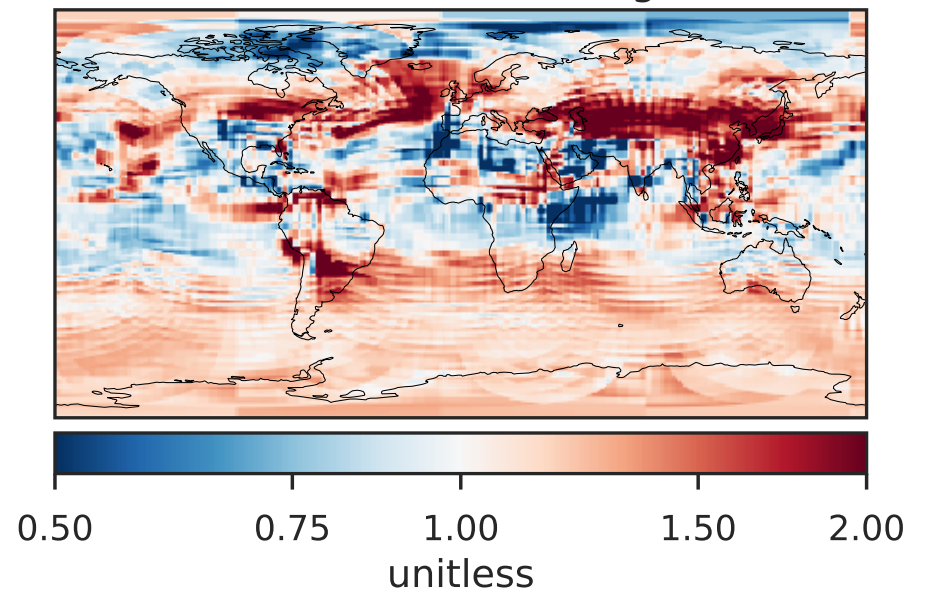
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

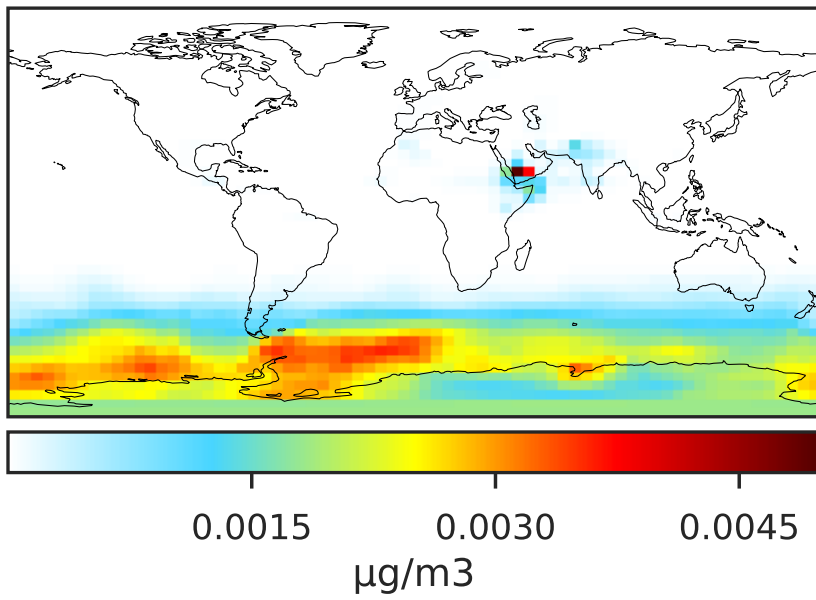


Ratio (1x1.25)
Dev/Ref, Fixed Range

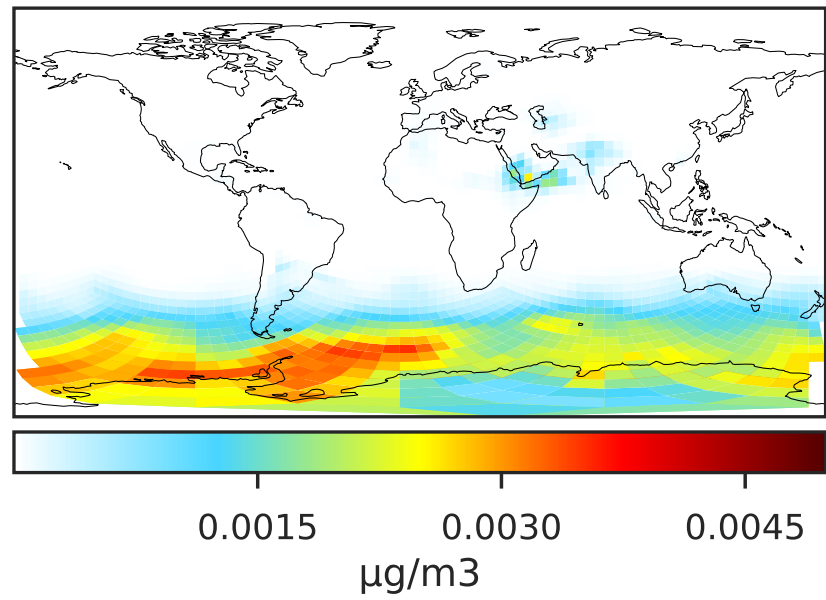


SpeciesConcVV_NITs

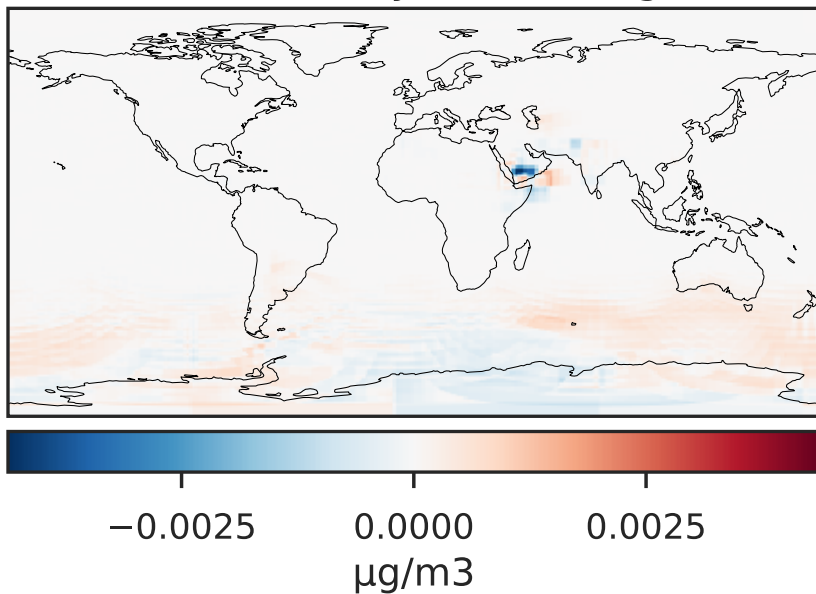
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



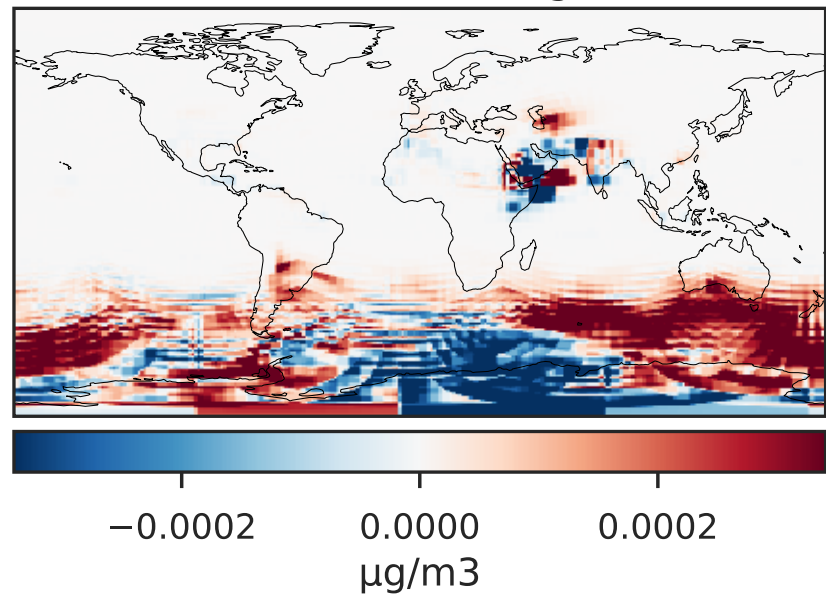
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



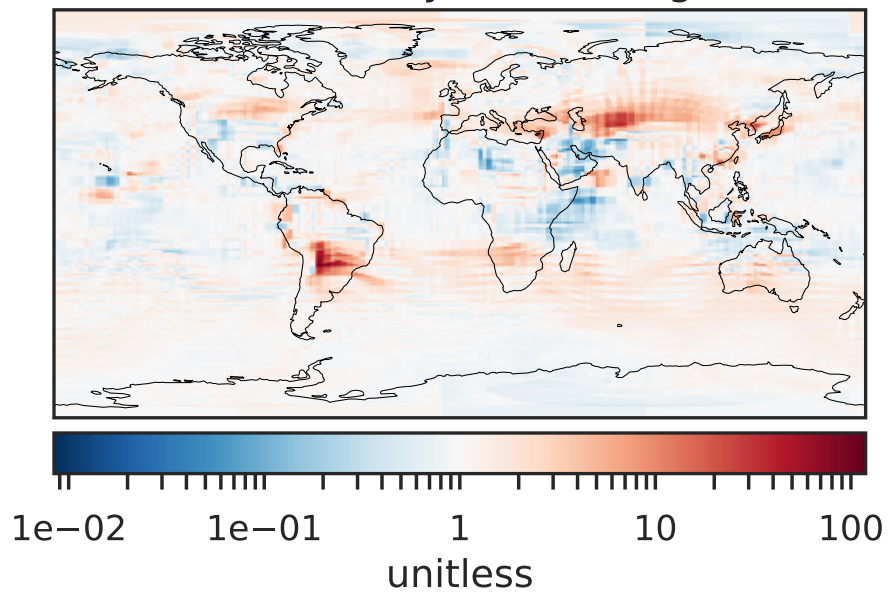
Difference (1x1.25)
Dev - Ref, Dynamic Range



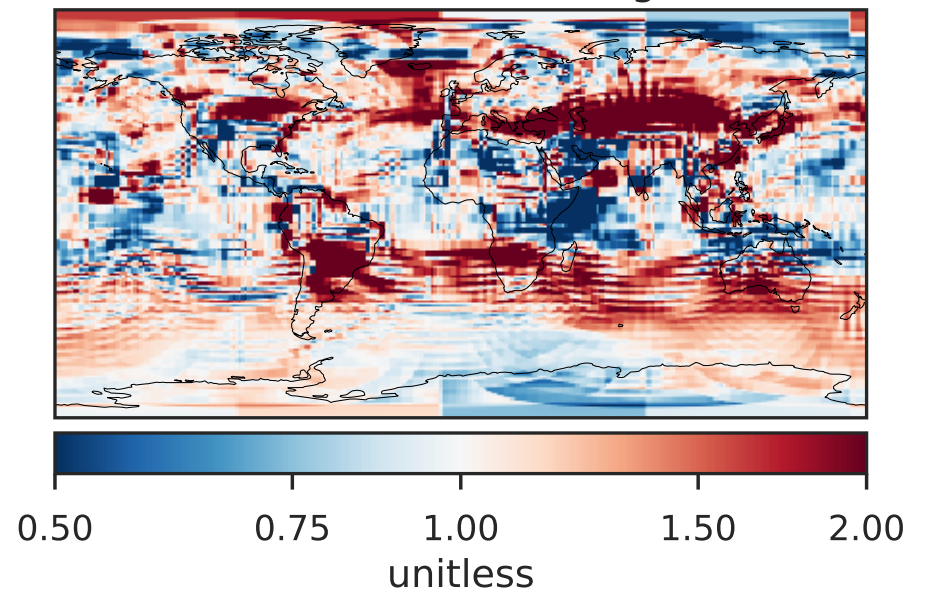
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

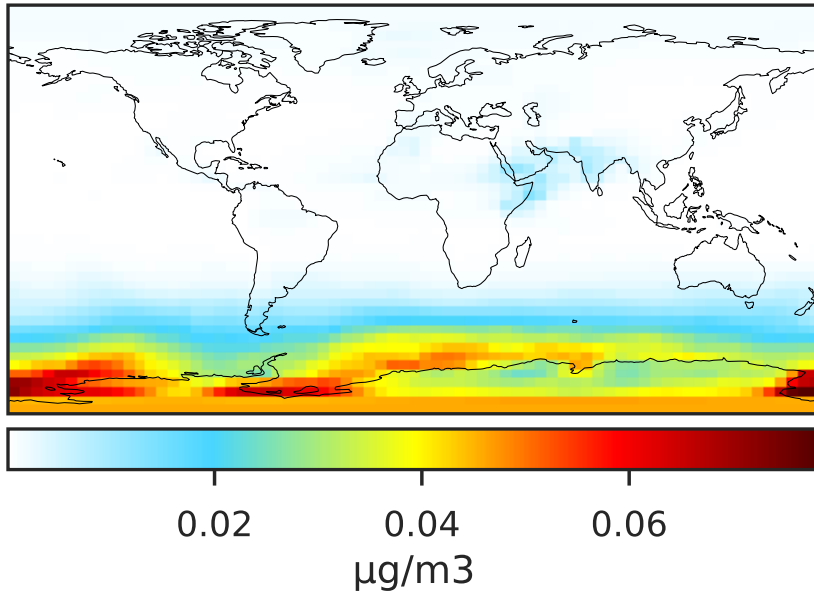


Ratio (1x1.25)
Dev/Ref, Fixed Range

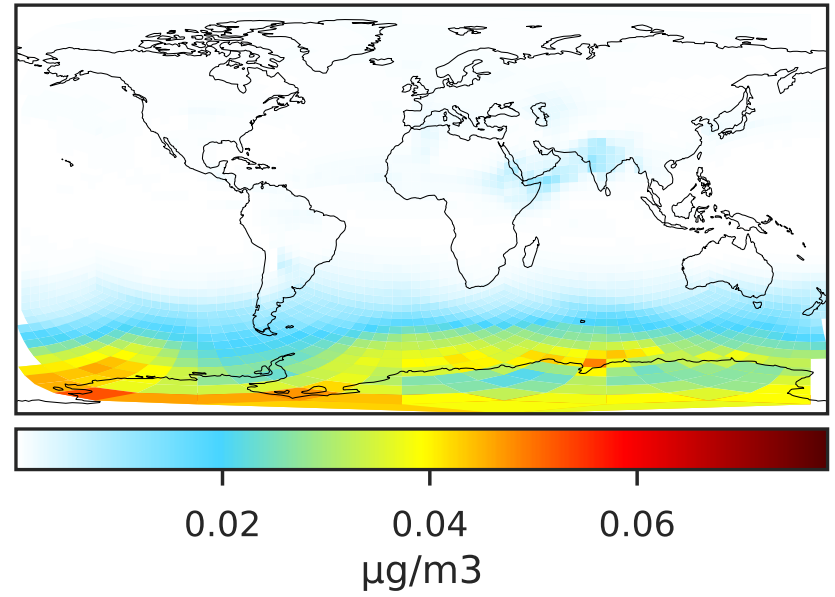


SpeciesConcVV_SALA

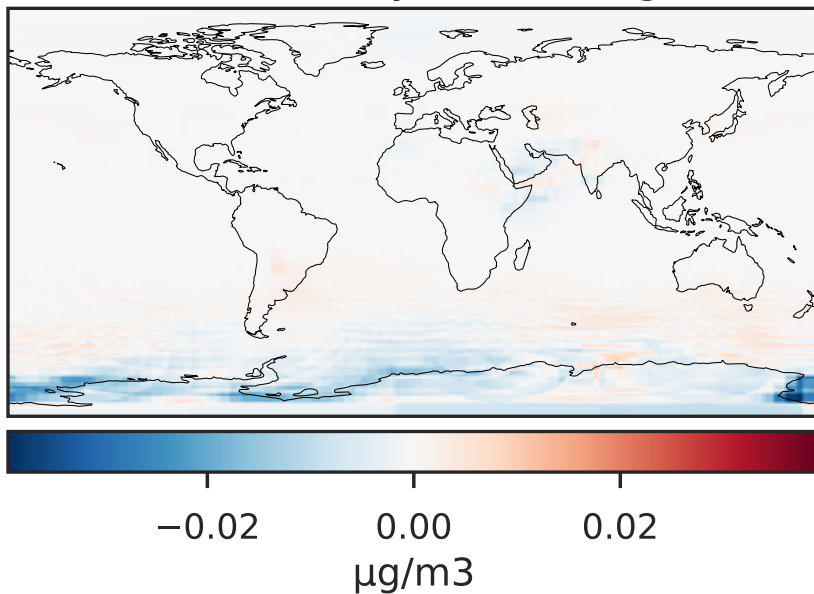
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



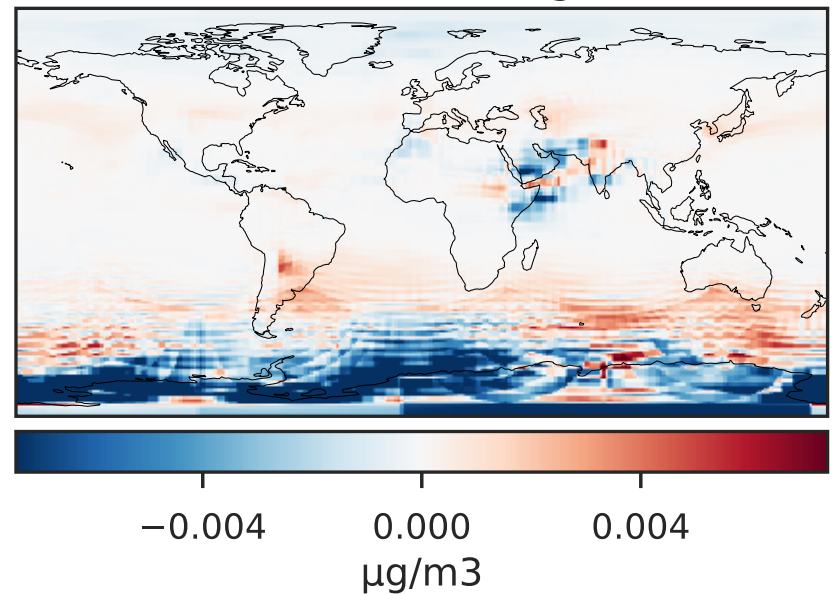
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



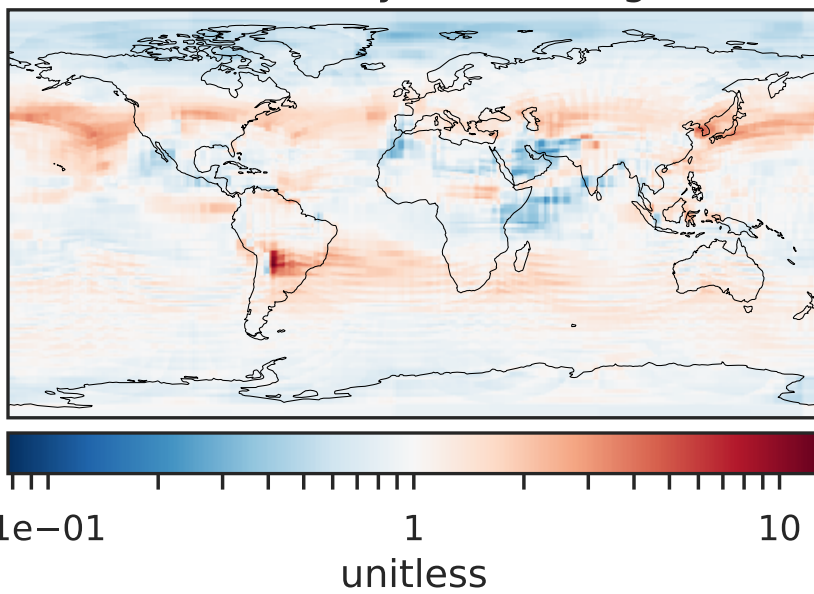
Difference (1x1.25)
Dev - Ref, Dynamic Range



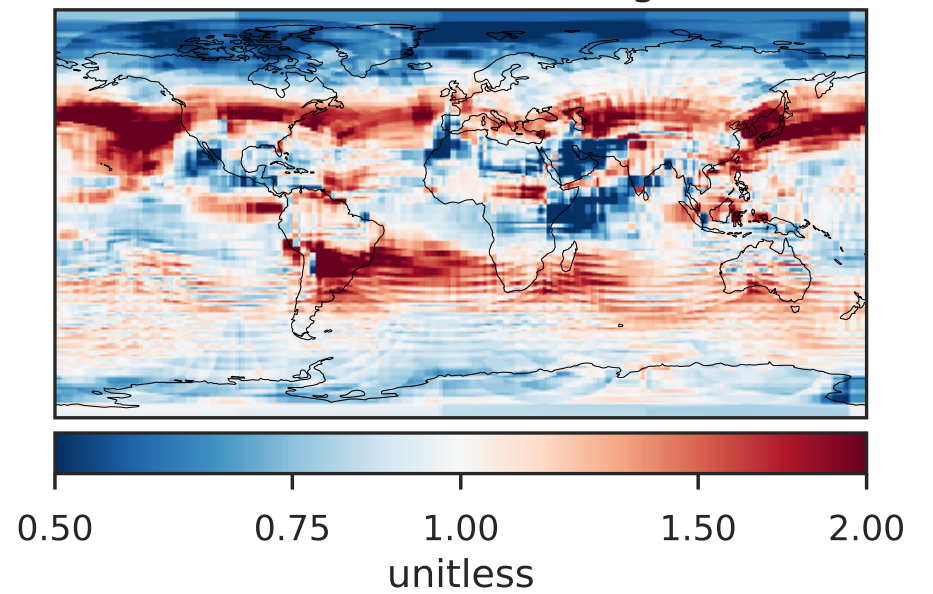
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

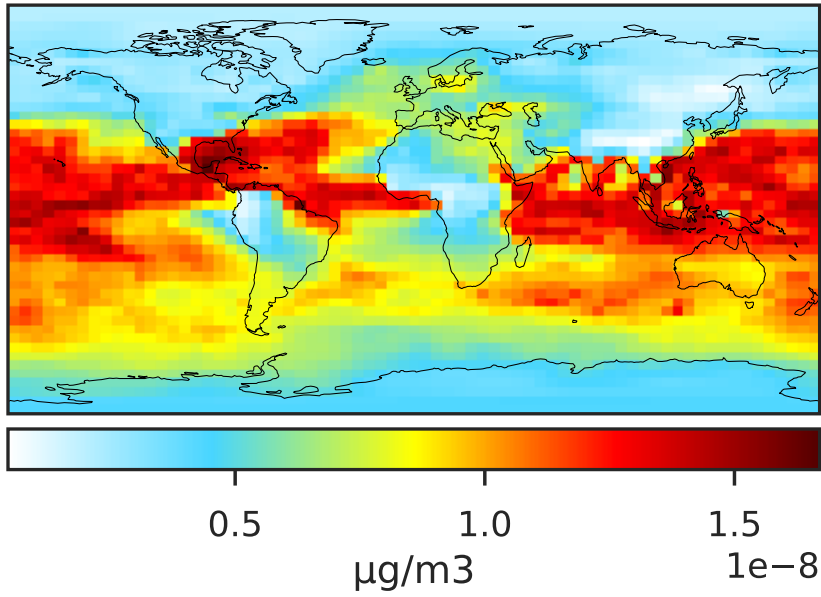


Ratio (1x1.25)
Dev/Ref, Fixed Range

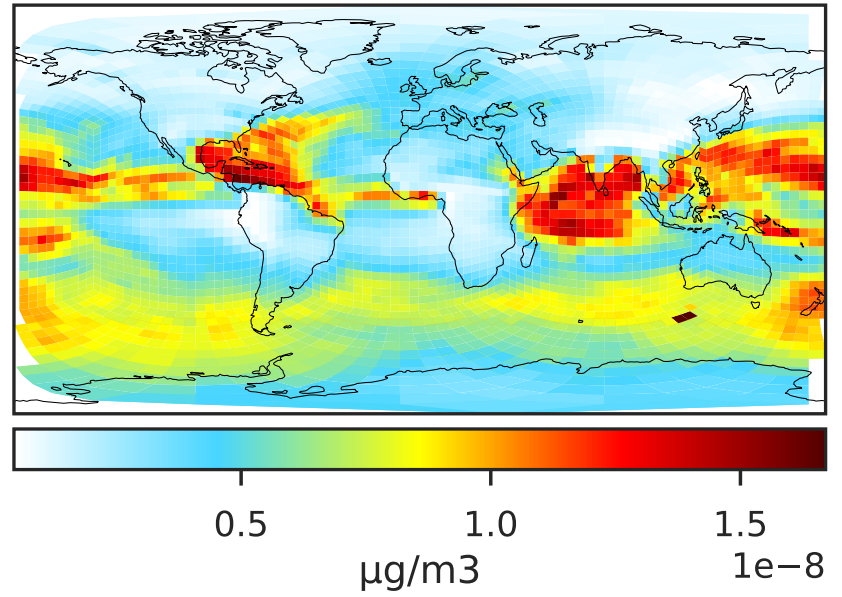


SpeciesConcVV_SALAAAL

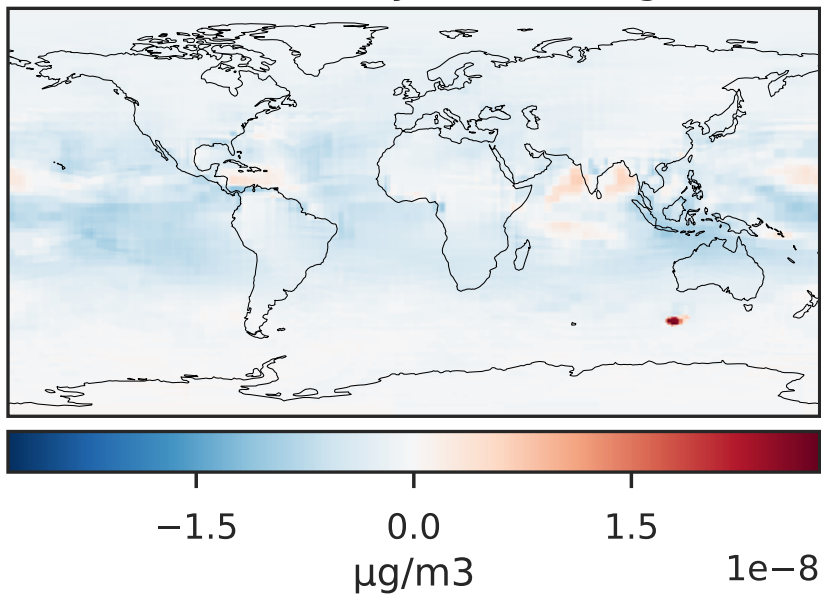
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



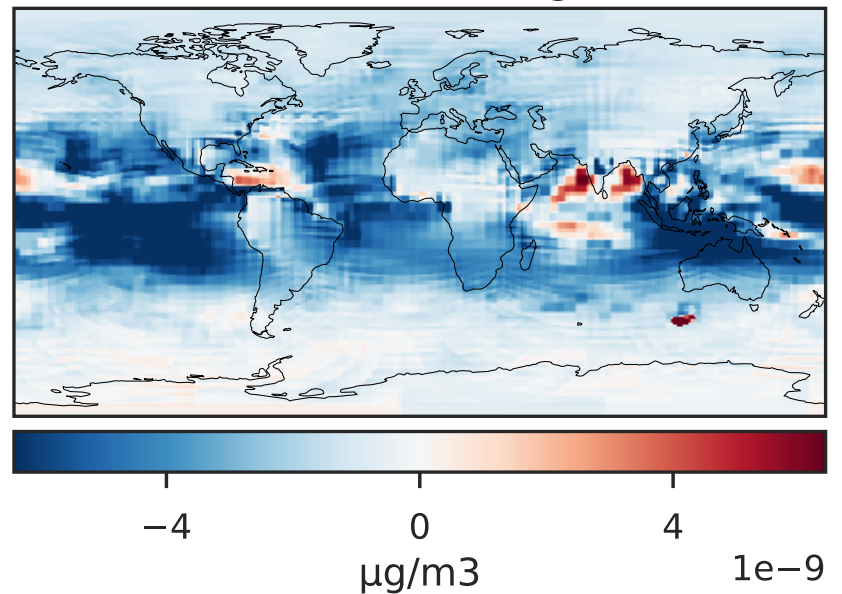
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



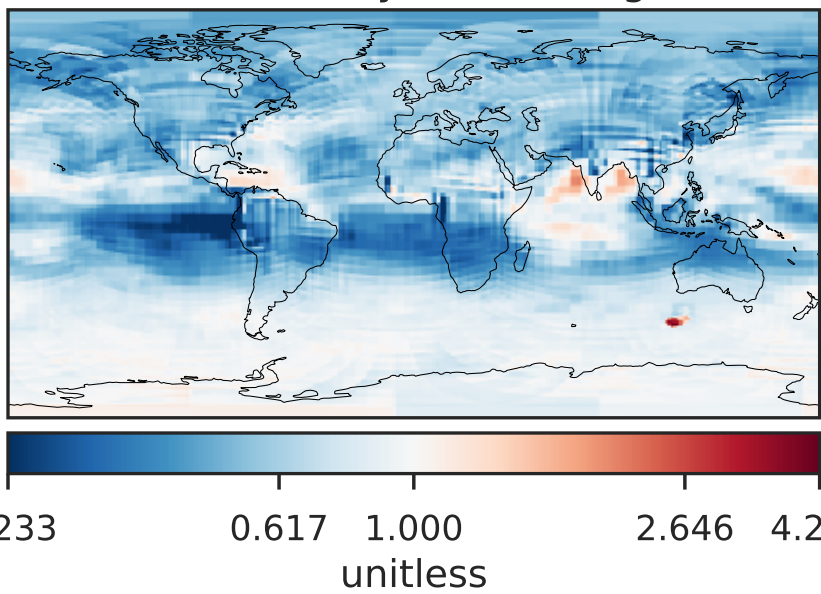
Difference (1x1.25)
Dev - Ref, Dynamic Range



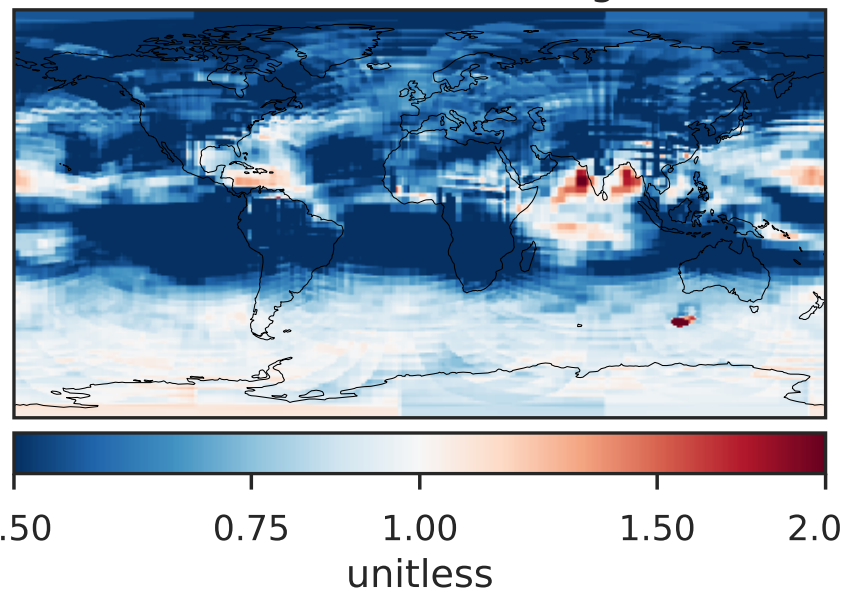
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

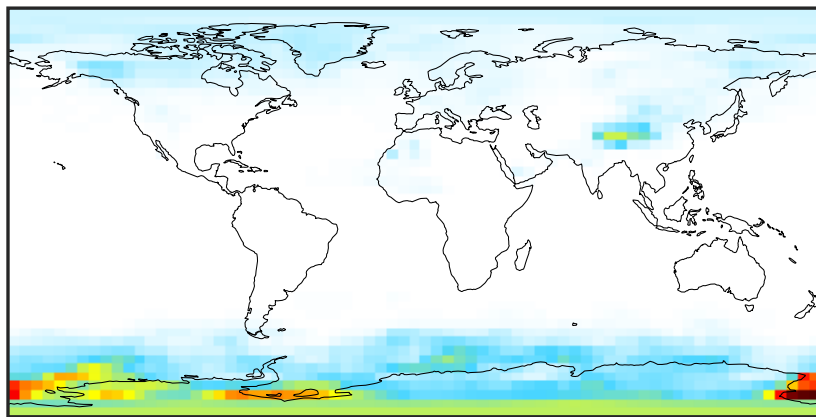


Ratio (1x1.25)
Dev/Ref, Fixed Range



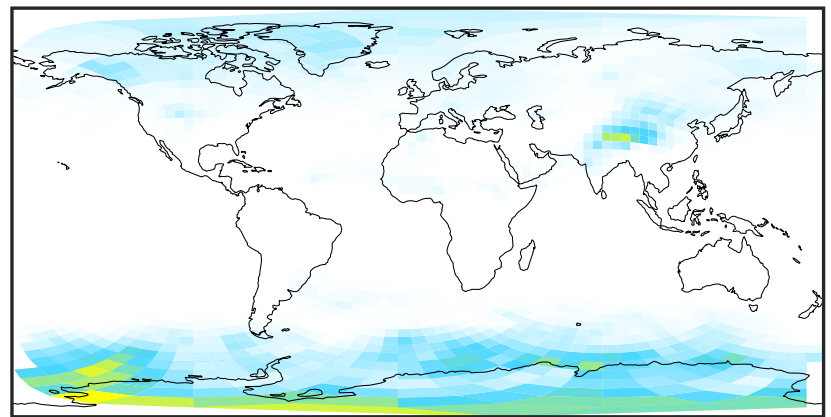
SpeciesConcVV_SALACL

gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



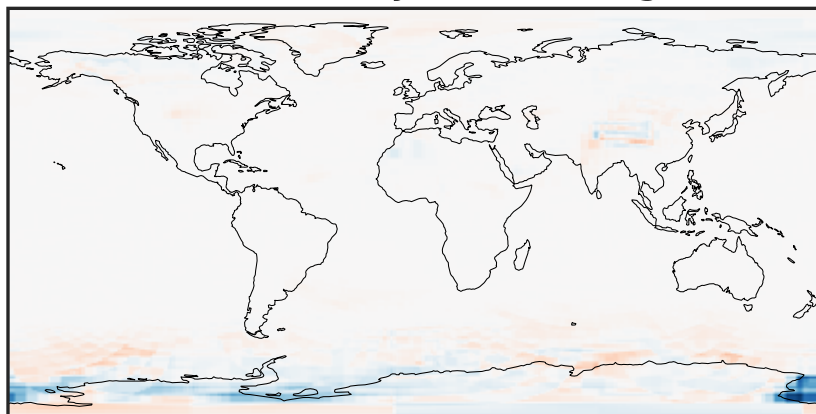
0.000 0.005 0.010 0.015
 $\mu\text{g}/\text{m}^3$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



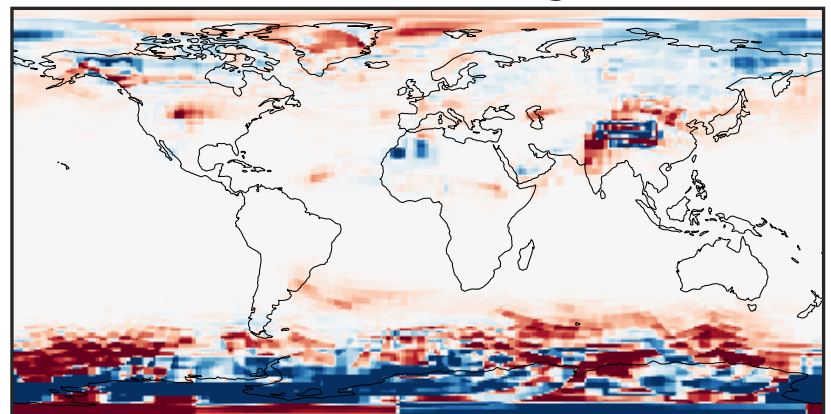
0.000 0.005 0.010 0.015
 $\mu\text{g}/\text{m}^3$

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



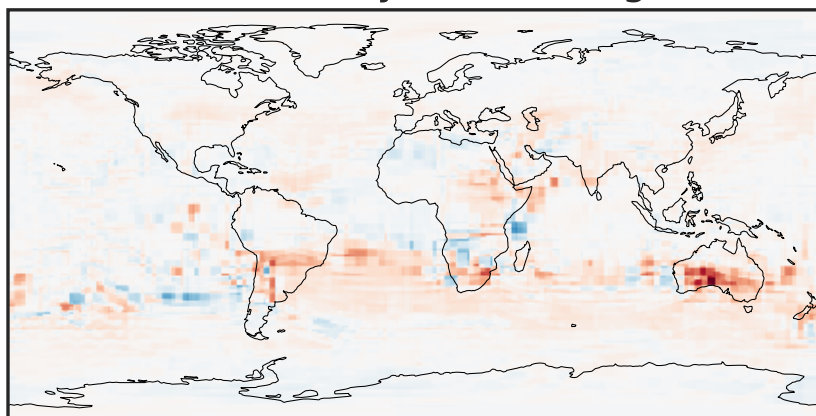
-0.008 0.000 0.008
 $\mu\text{g}/\text{m}^3$

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



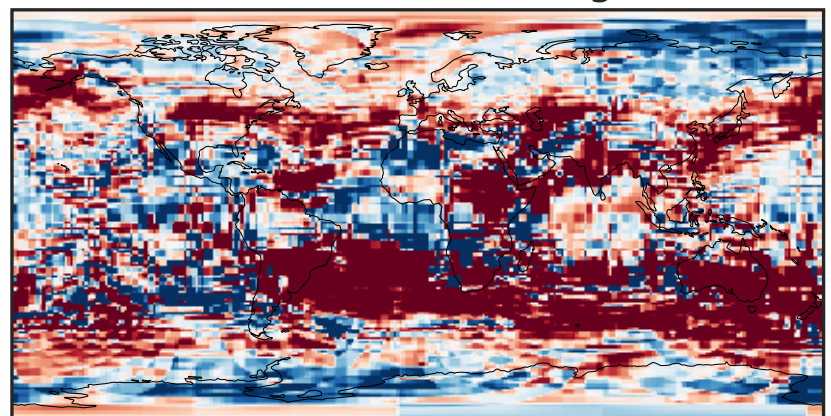
-0.0005 0.0000 0.0005
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-05 1e-03 1e-01 10 1000 1e+05
unitless

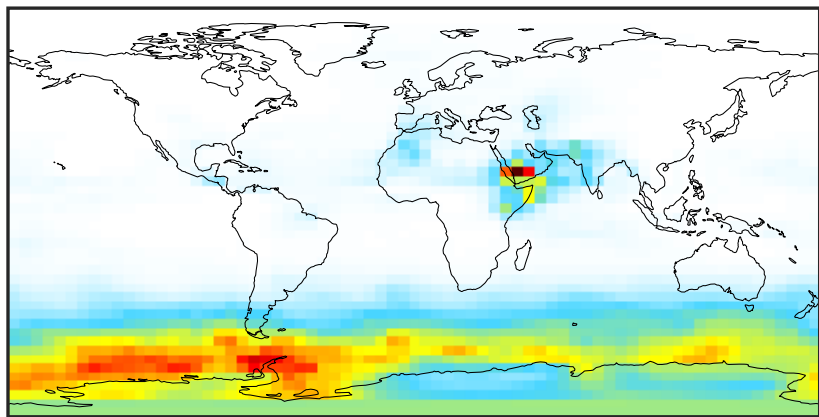
Ratio (1x1.25)
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

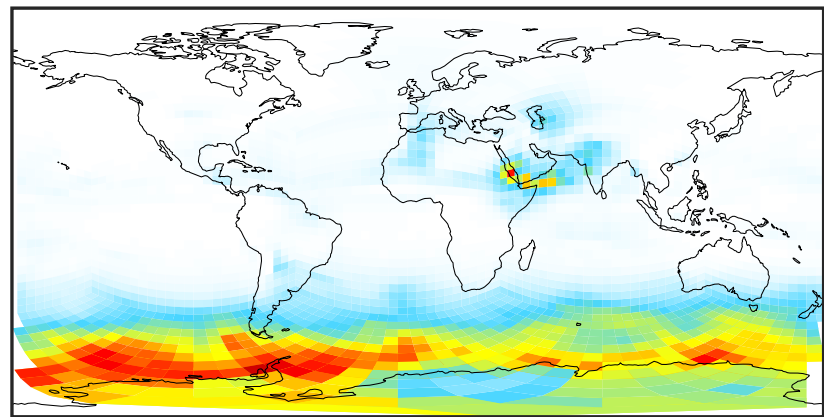
SpeciesConcVV_SALC

gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



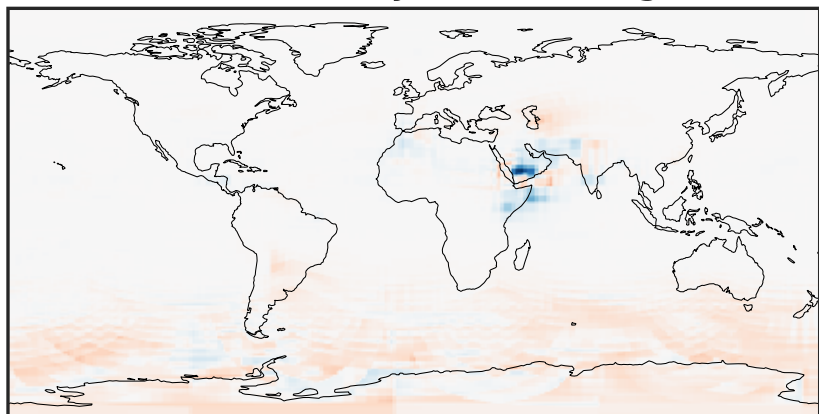
0.0001 0.0300 0.0600 0.0900 0.1201
 $\mu\text{g}/\text{m}^3$

gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



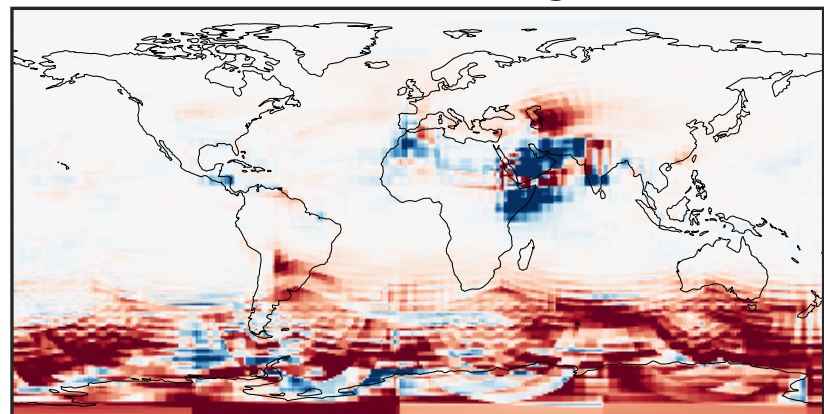
0.0001 0.0300 0.0600 0.0900 0.1201
 $\mu\text{g}/\text{m}^3$

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



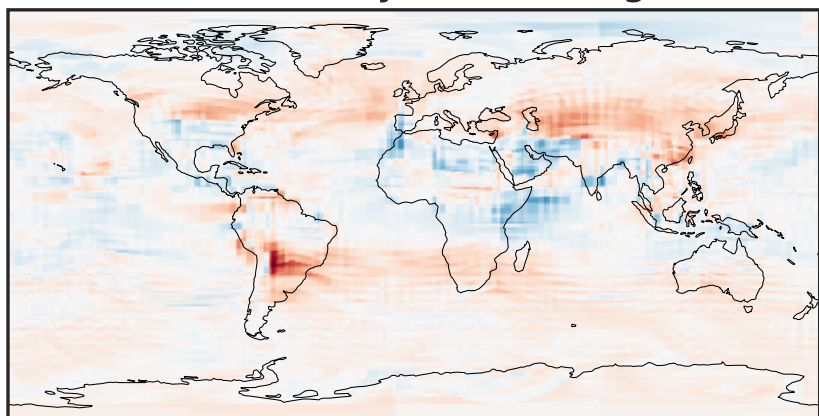
-0.0971 -0.0486 0.0000 0.0486 0.0971
 $\mu\text{g}/\text{m}^3$

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



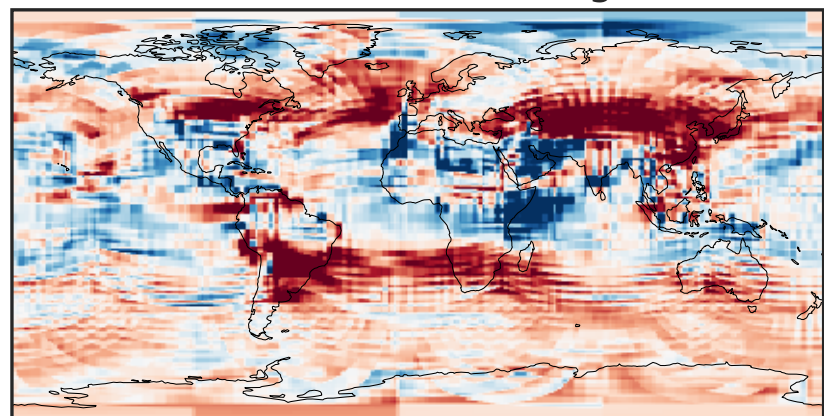
-0.006 0.000 0.006
 $\mu\text{g}/\text{m}^3$

Ratio (1x1.25)
Dev/Ref, Dynamic Range



1e-01 1 10
unitless

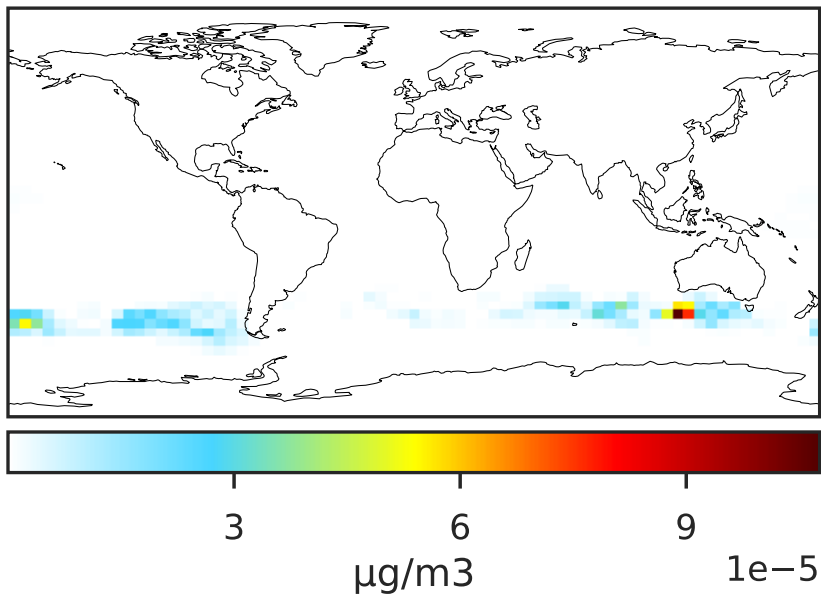
Ratio (1x1.25)
Dev/Ref, Fixed Range



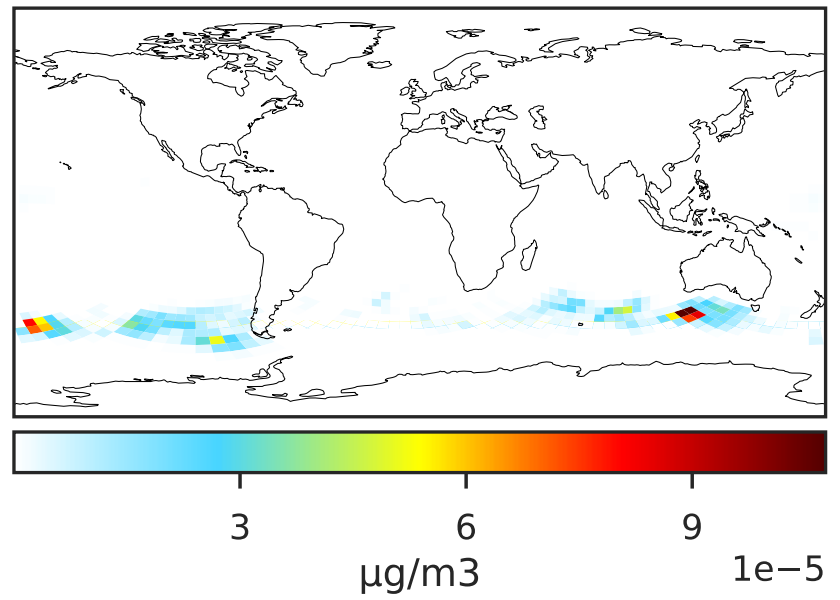
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_SALCAL

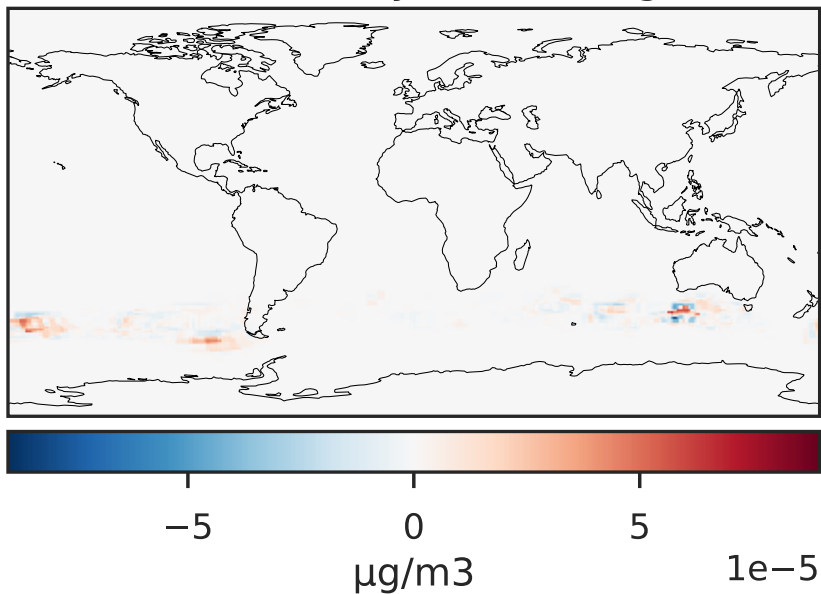
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



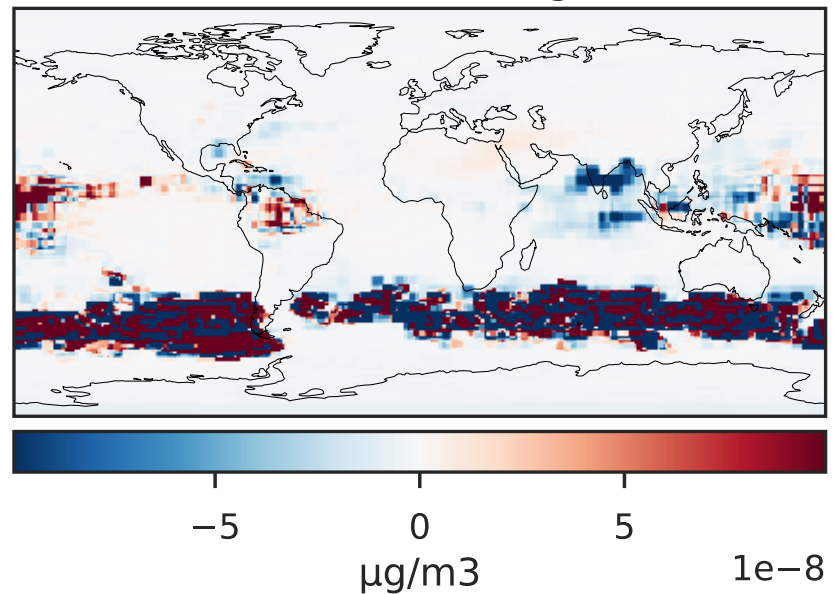
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



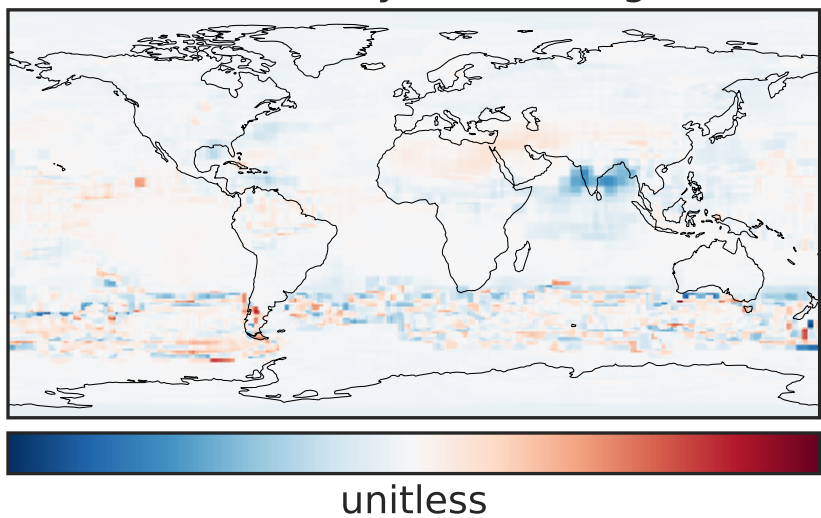
Difference (1x1.25)
Dev - Ref, Dynamic Range



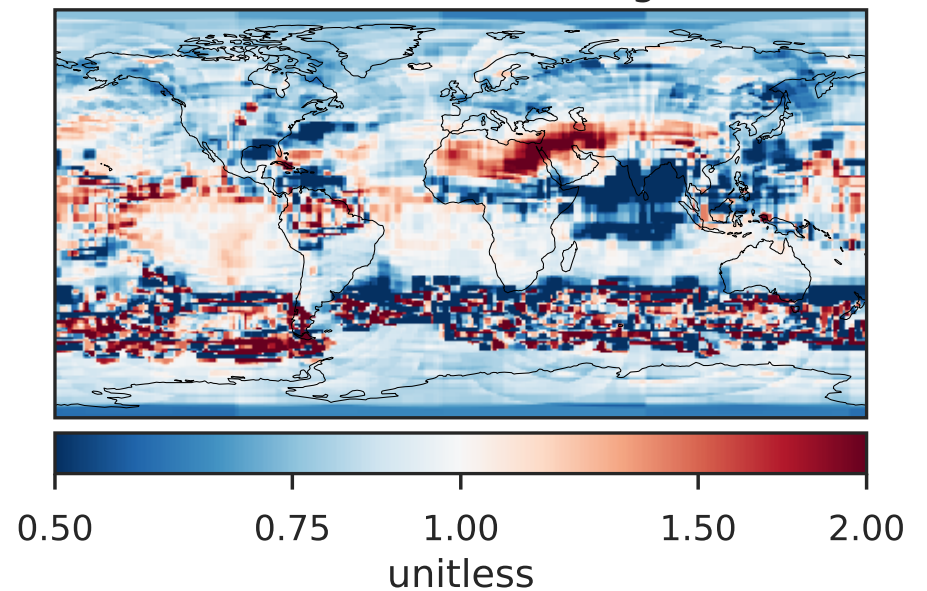
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

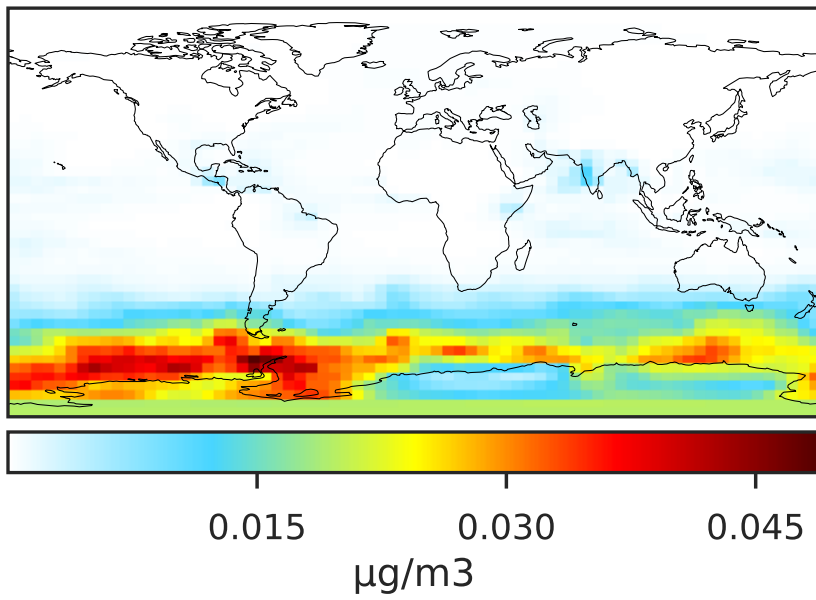


Ratio (1x1.25)
Dev/Ref, Fixed Range

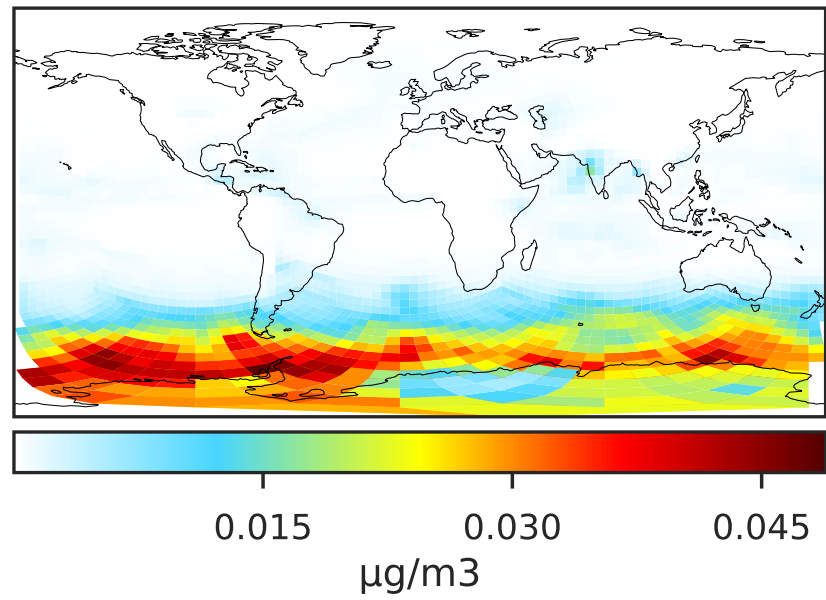


SpeciesConcVV_SALCCL

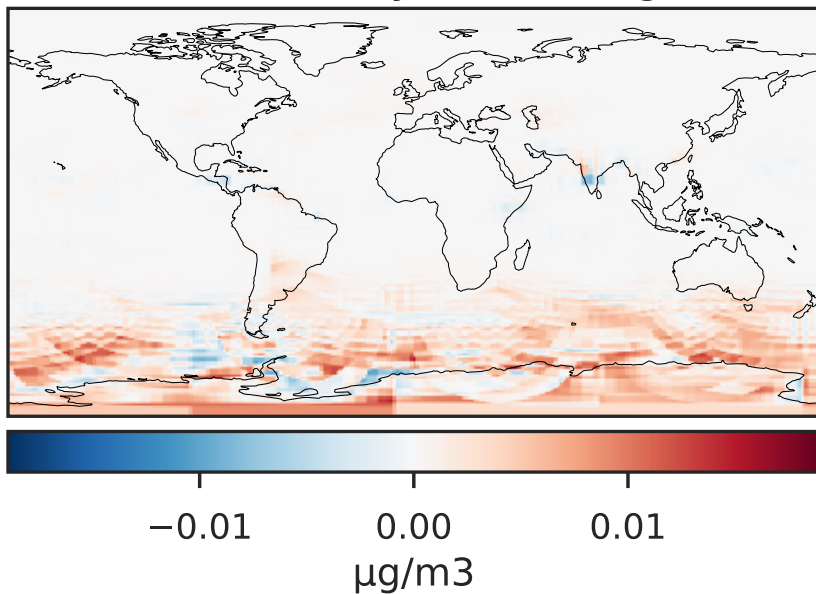
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



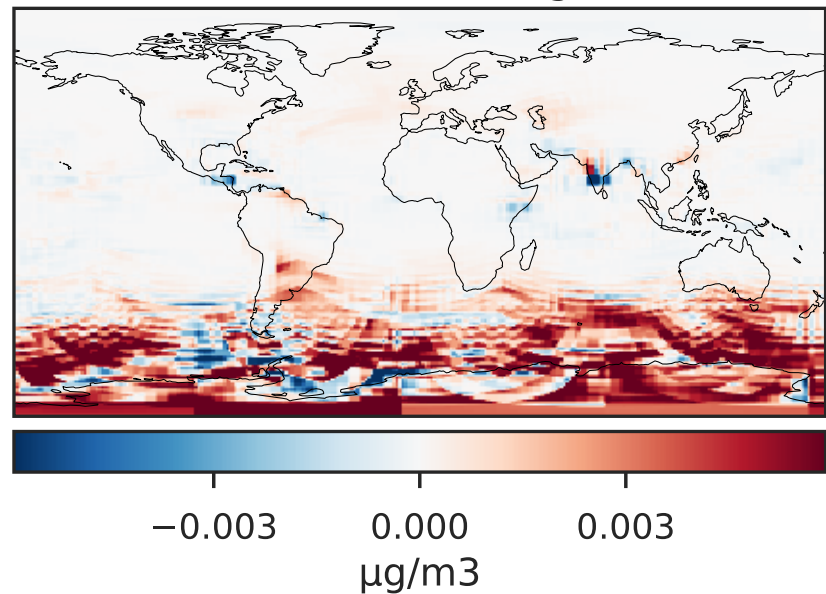
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



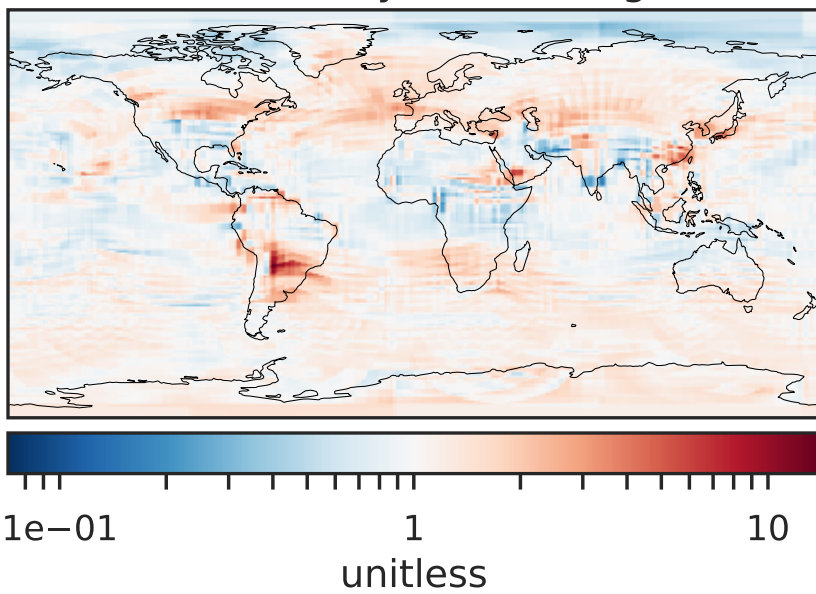
Difference (1x1.25)
Dev - Ref, Dynamic Range



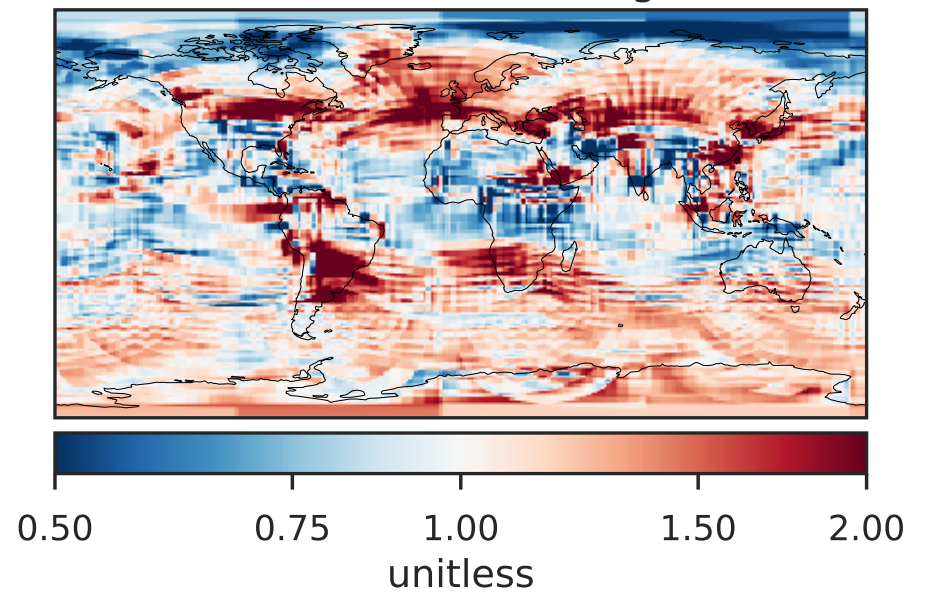
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

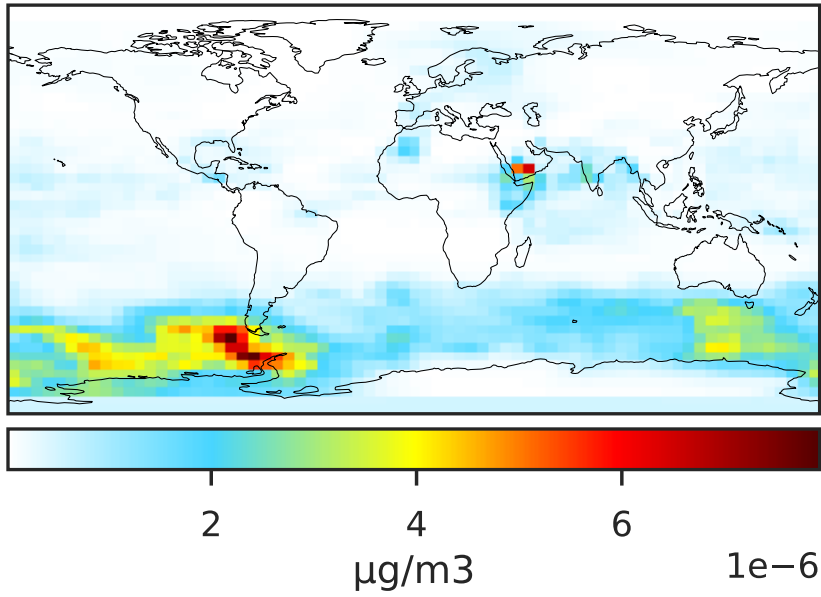


Ratio (1x1.25)
Dev/Ref, Fixed Range

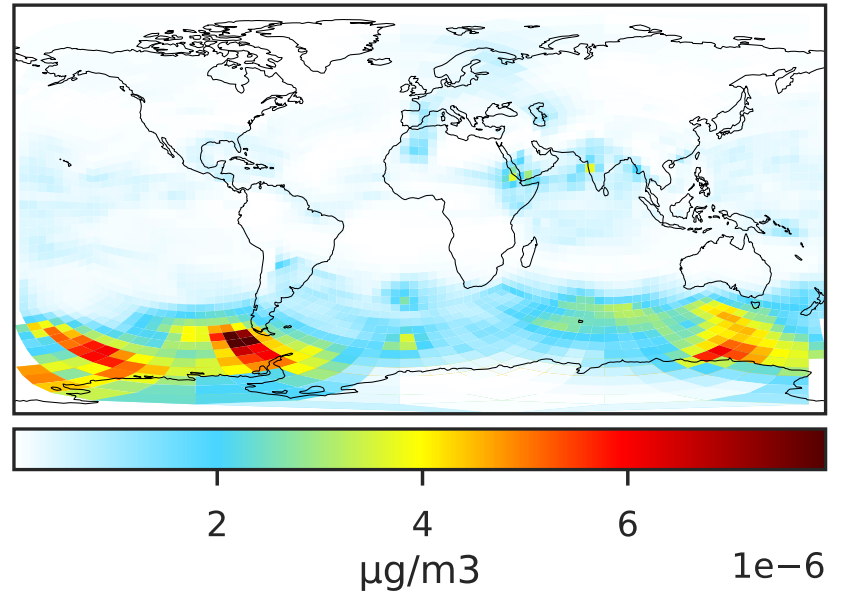


SpeciesConcVV_S04s

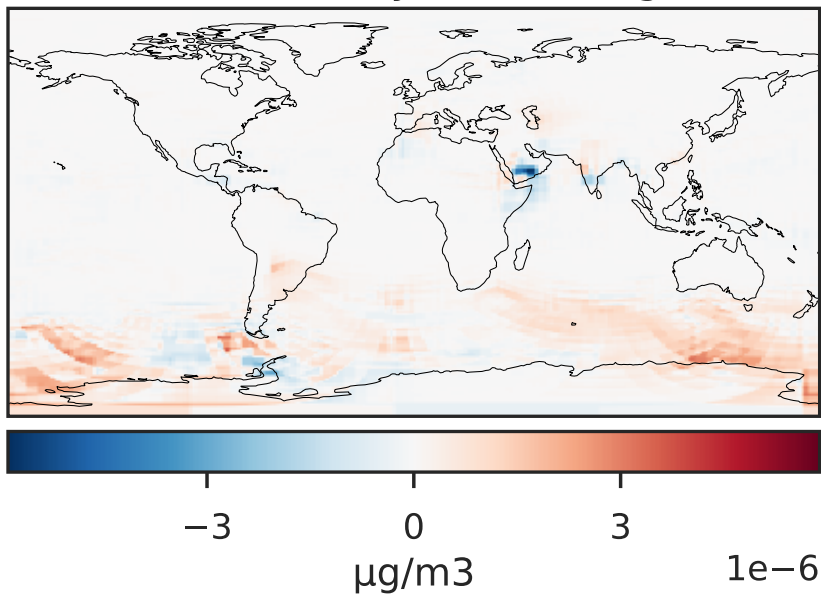
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



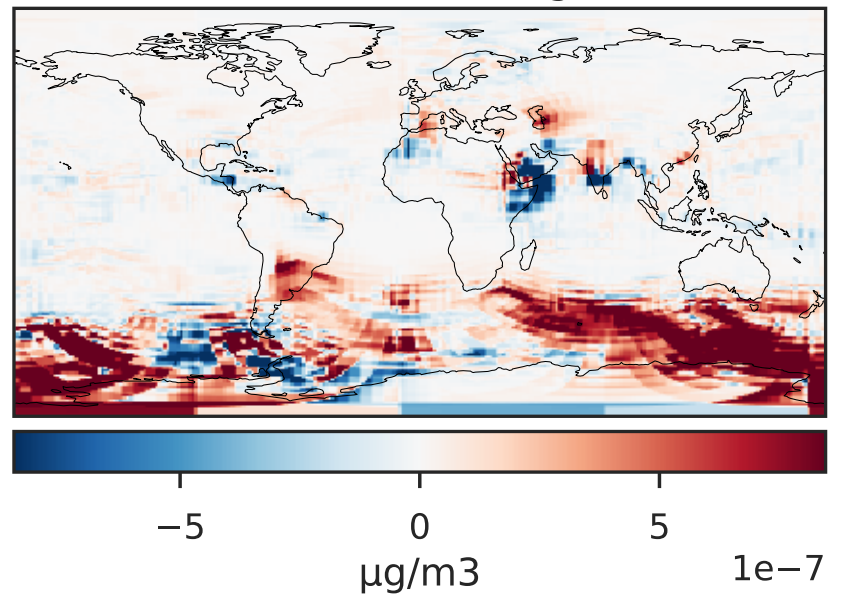
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



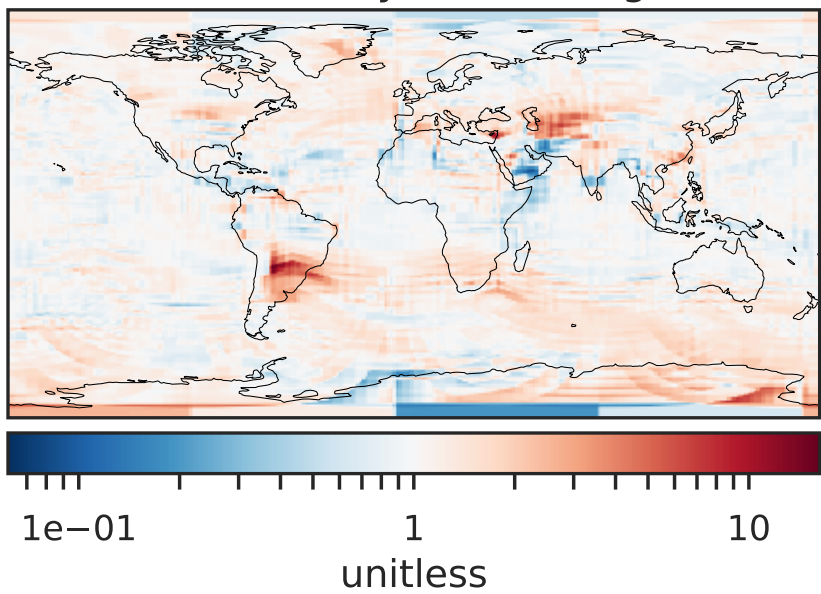
Difference (1x1.25)
Dev - Ref, Dynamic Range



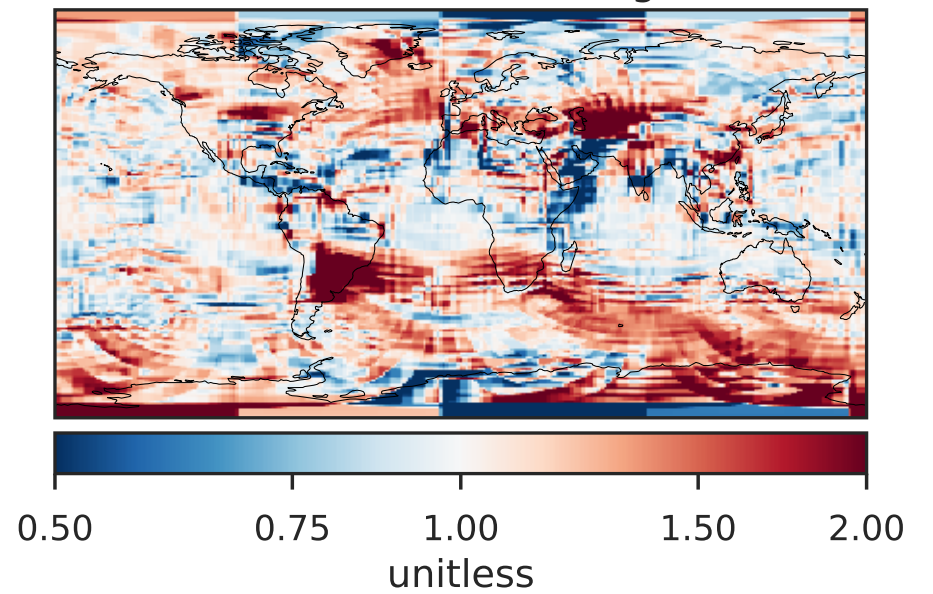
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Ratio (1x1.25)
Dev/Ref, Dynamic Range

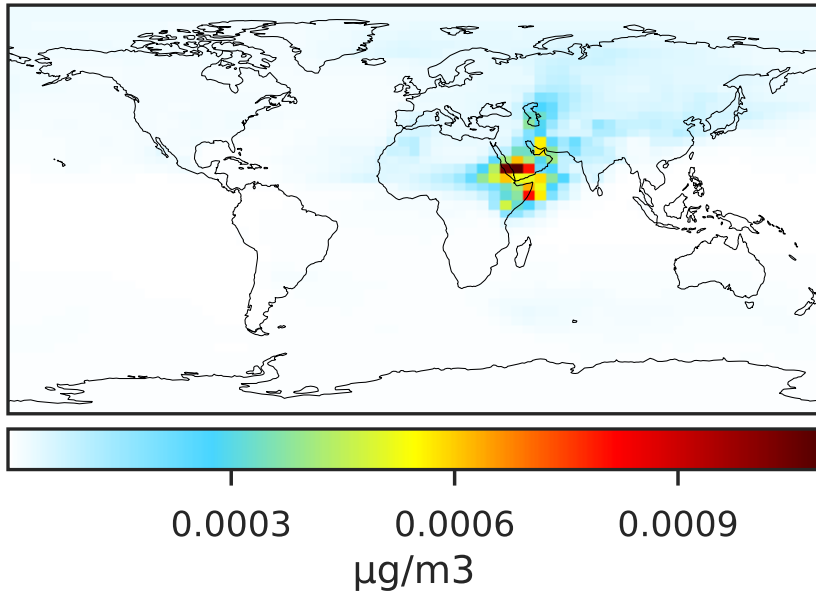


Ratio (1x1.25)
Dev/Ref, Fixed Range

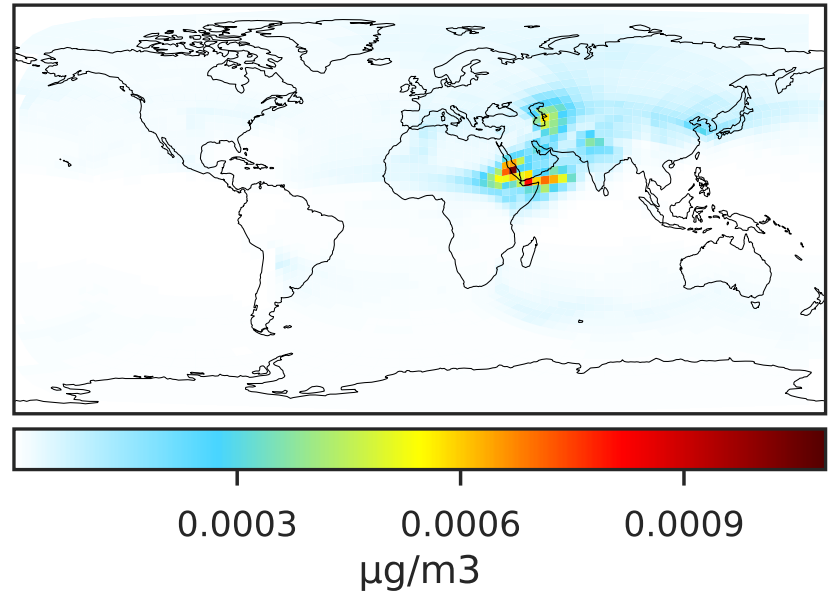


SpeciesConcVV_pFe

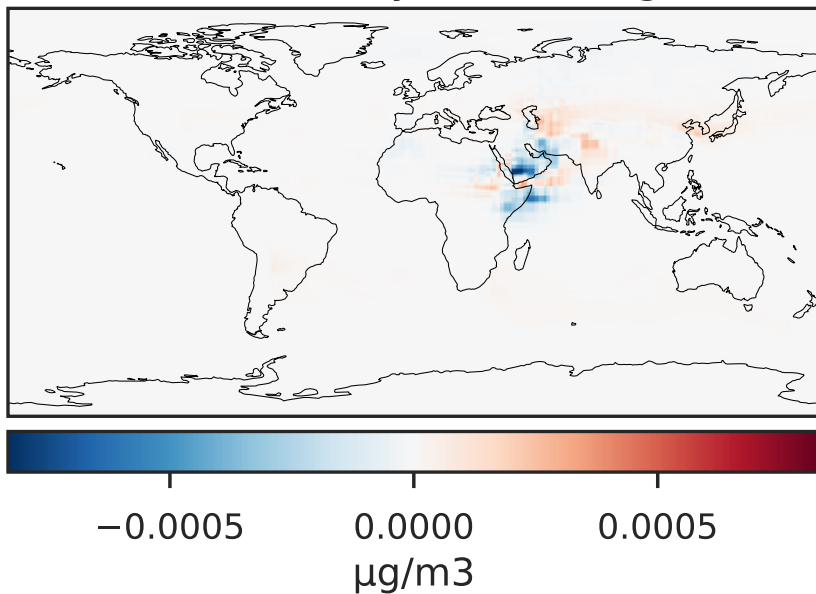
gcc-4x5-1Mon-14.2.0-alpha.20 (Ref)
4.0x5.0



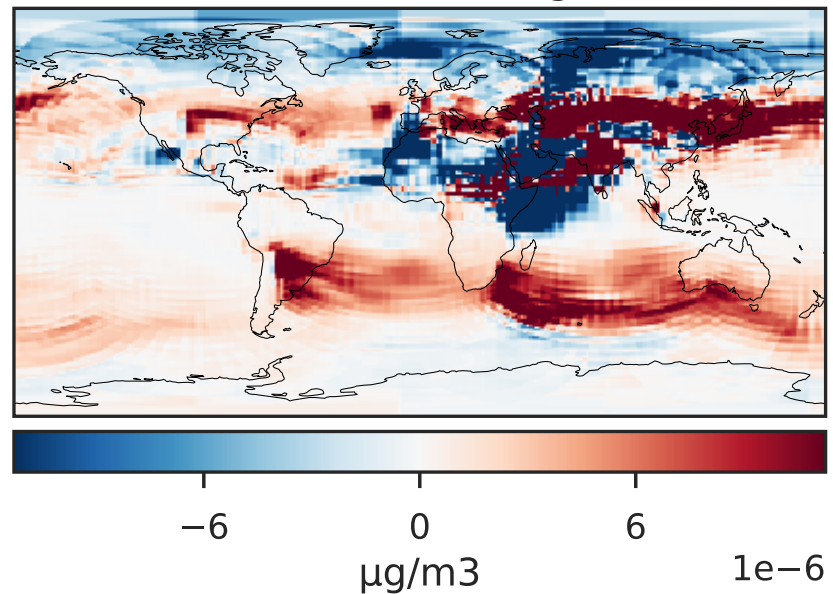
gchp-c24-1Mon-14.2.0-alpha.20 (Dev)
c24



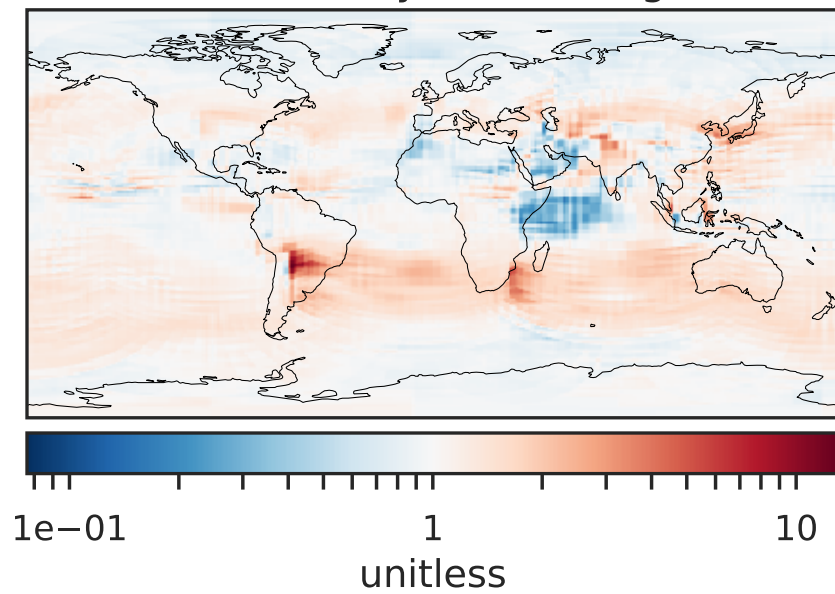
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



Ratio (1x1.25)
Dev/Ref, Dynamic Range



Ratio (1x1.25)
Dev/Ref, Fixed Range

