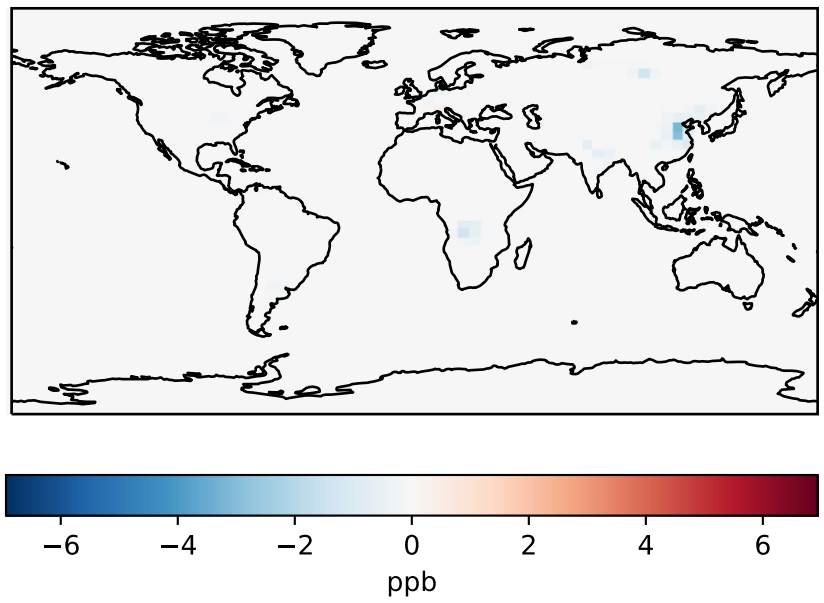
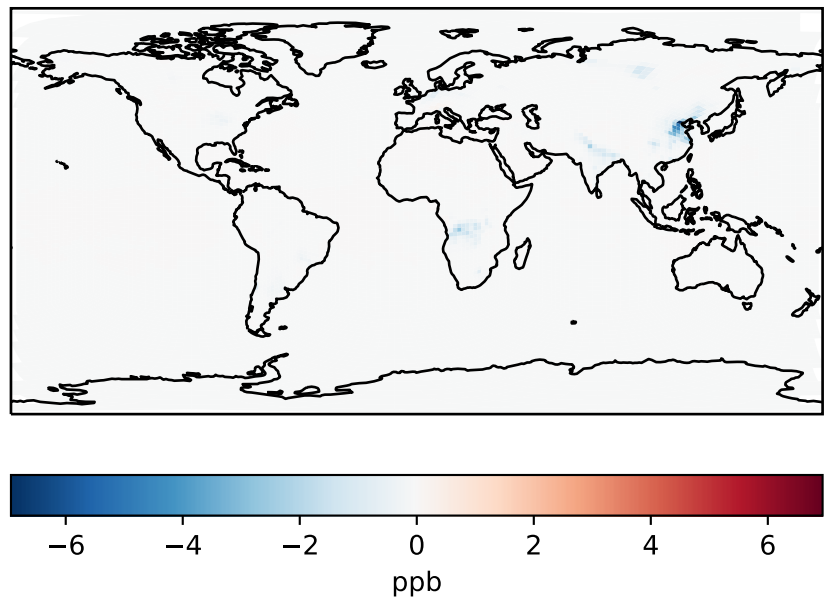
SpeciesConc_NH4

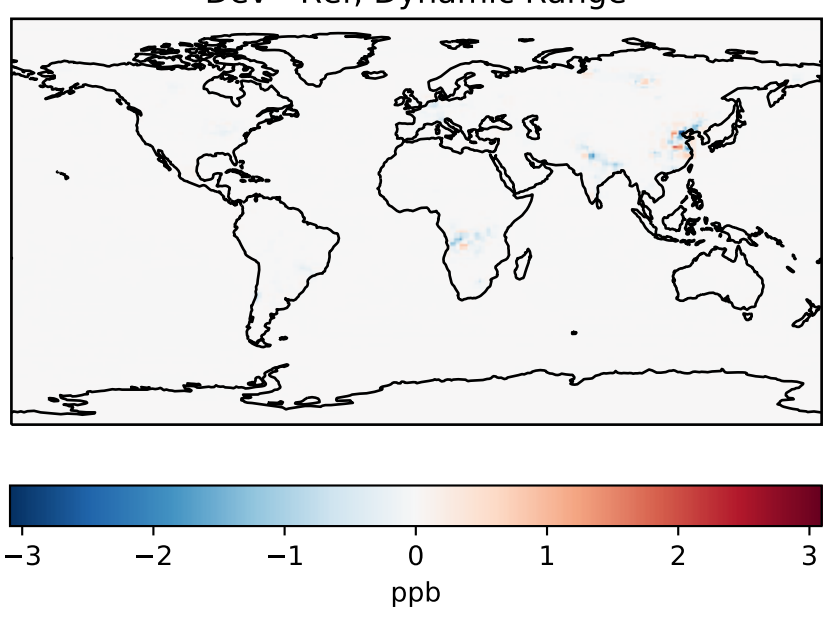
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



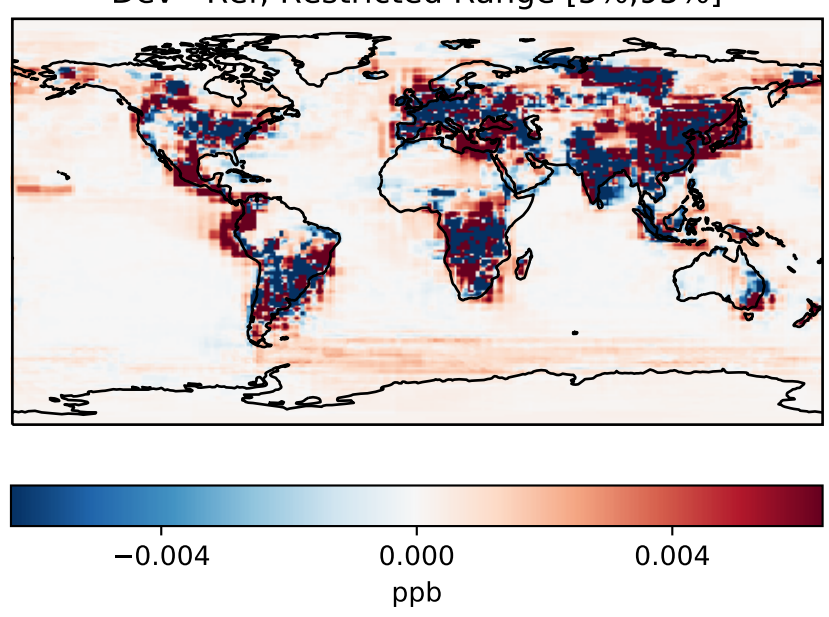
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



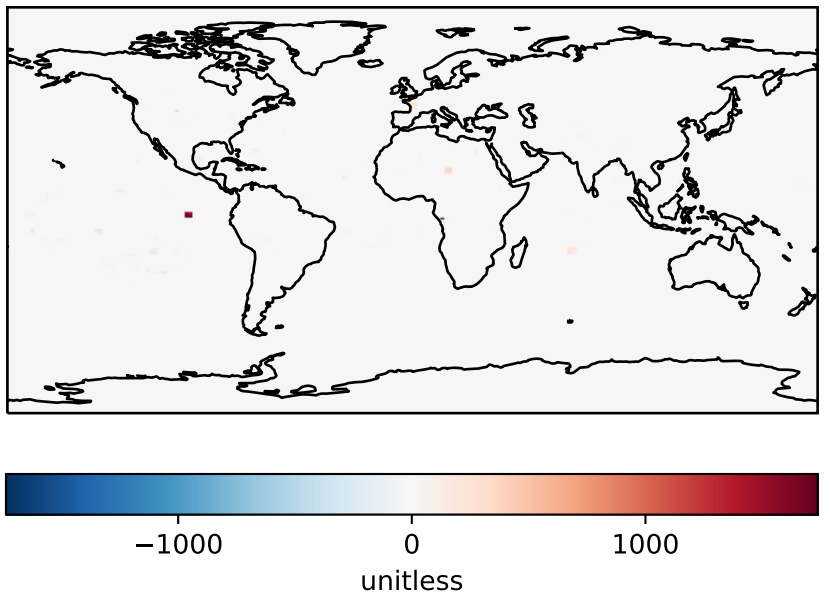
Difference (1x1.25)
Dev - Ref, Dynamic Range



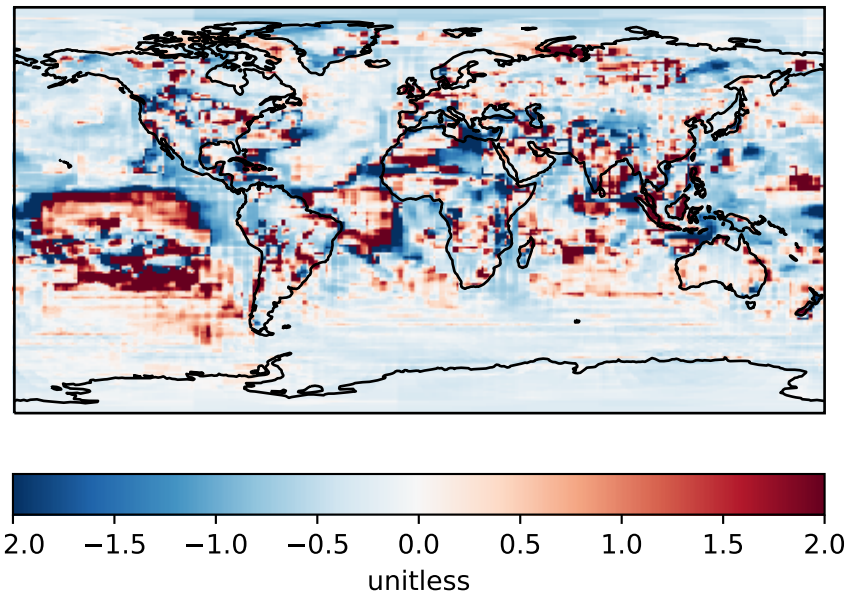
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

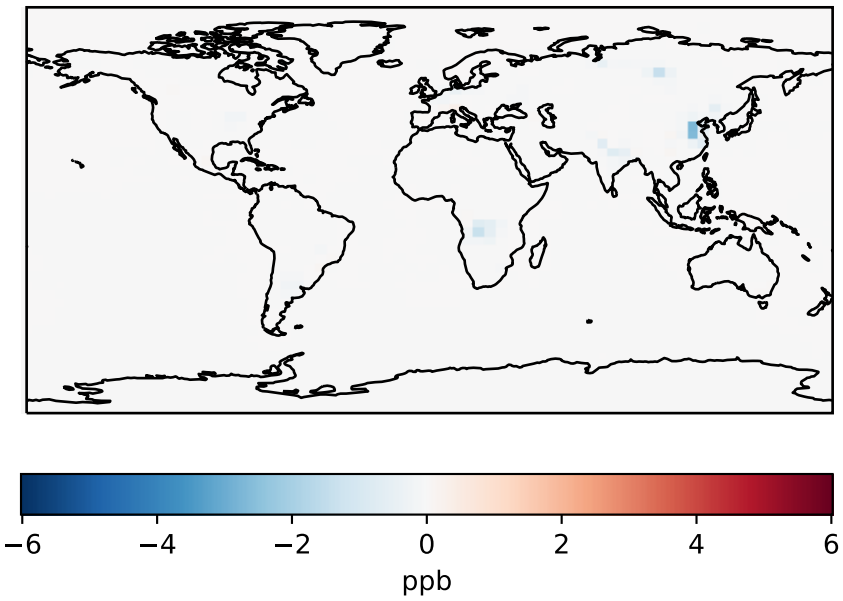


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

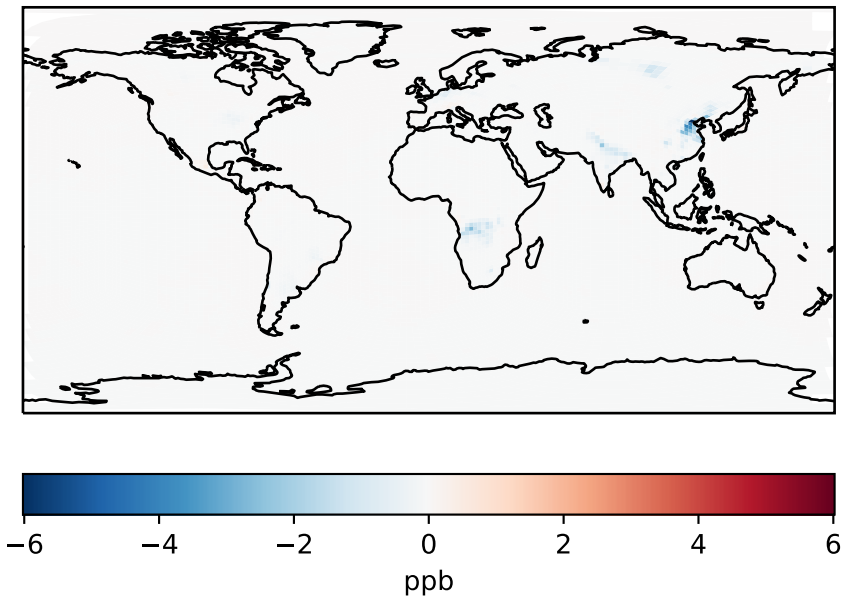


SpeciesConc_NIT

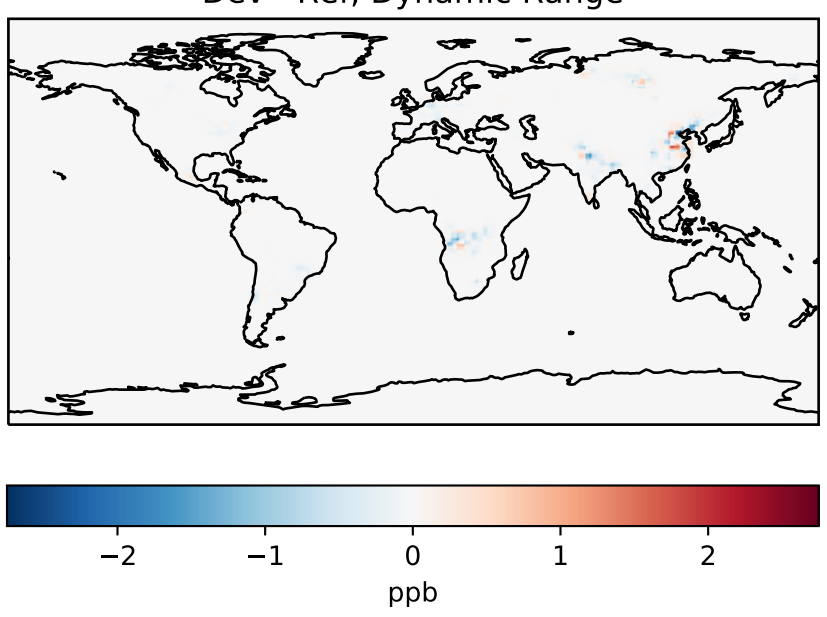
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



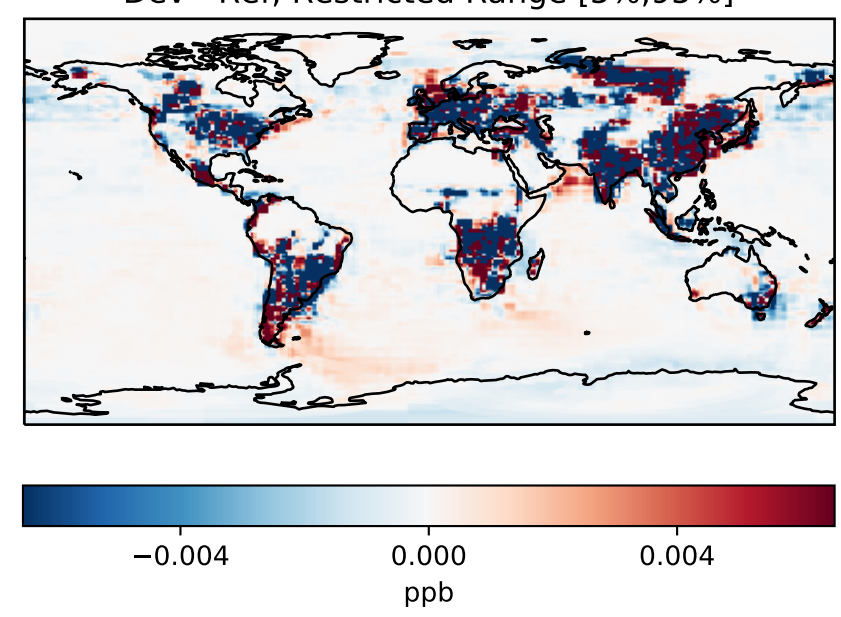
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



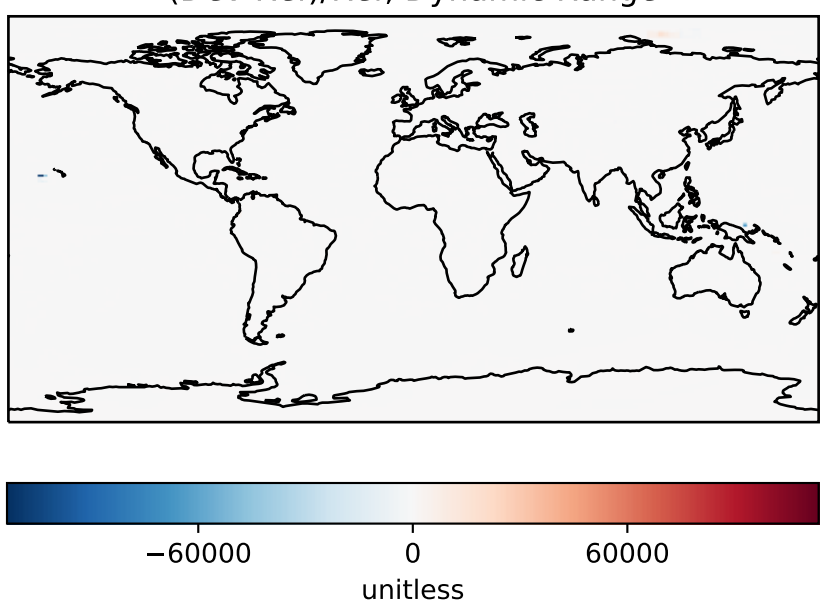
Difference (1x1.25)
Dev - Ref, Dynamic Range



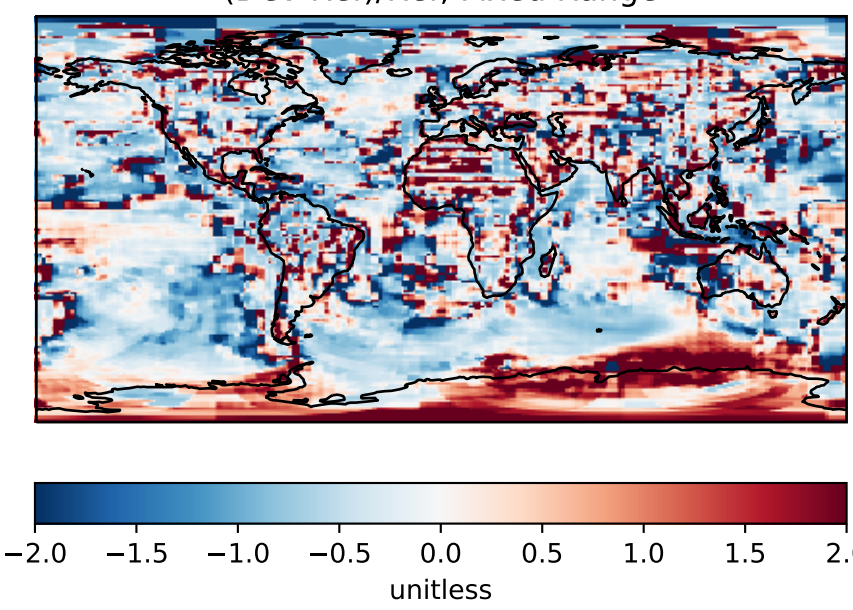
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

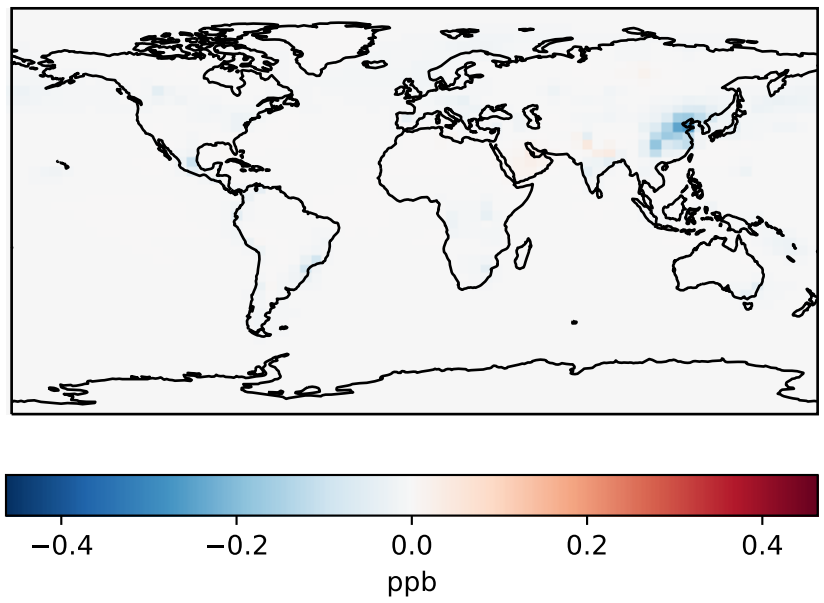


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

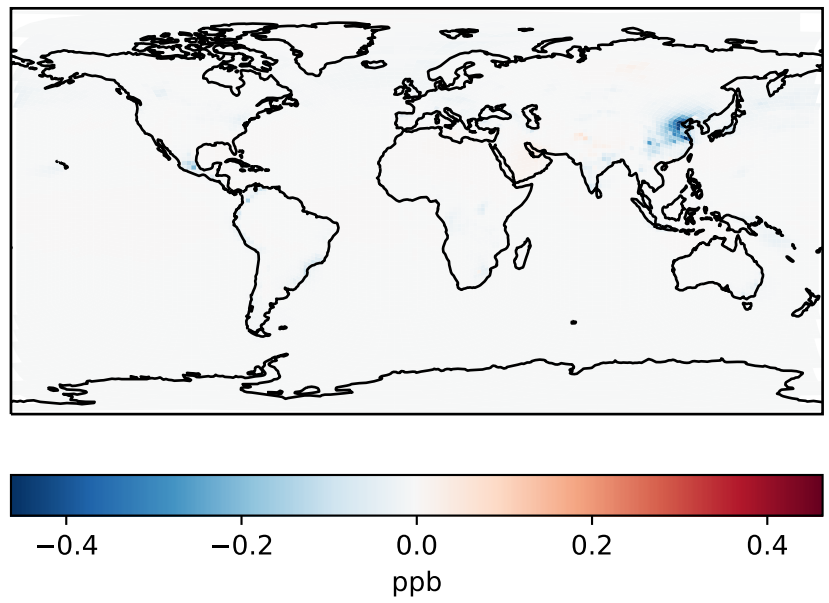


SpeciesConc_SO4

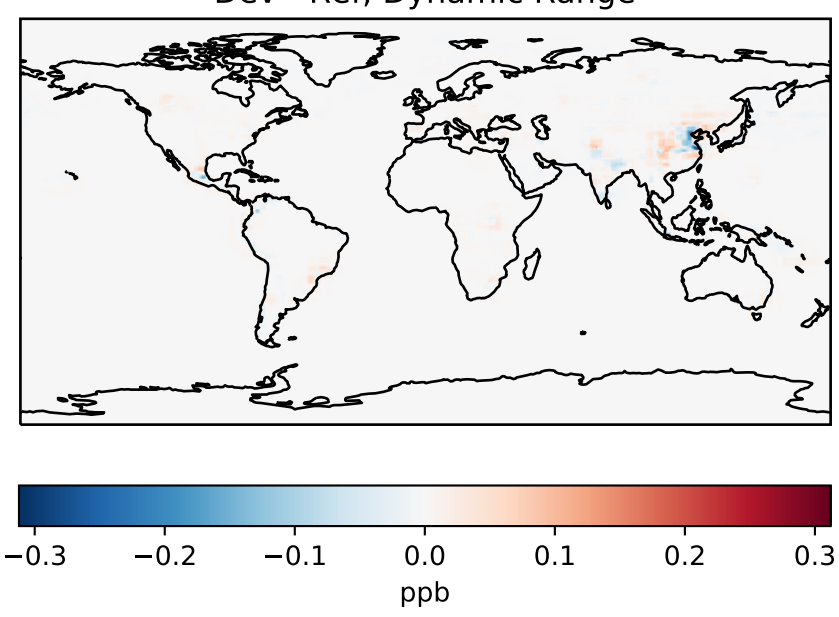
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



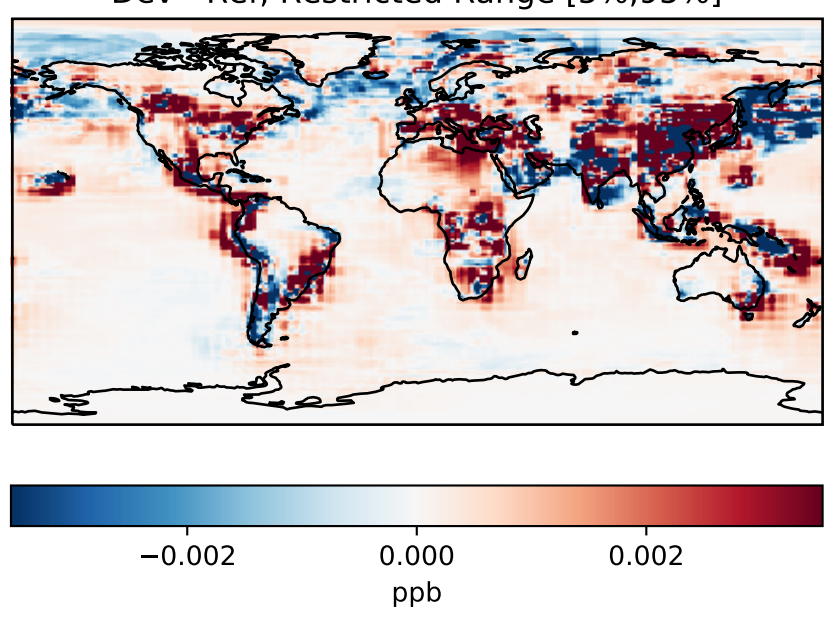
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



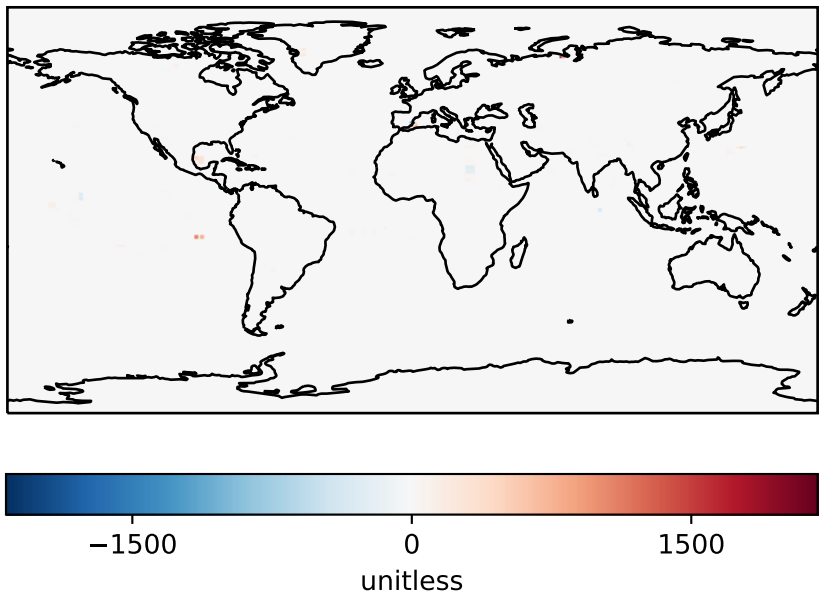
Difference (1x1.25)
Dev - Ref, Dynamic Range



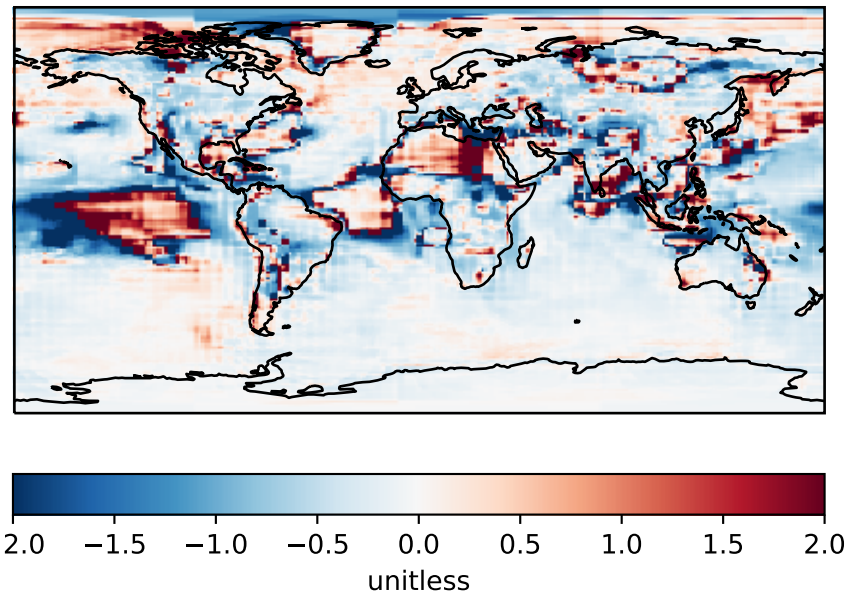
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

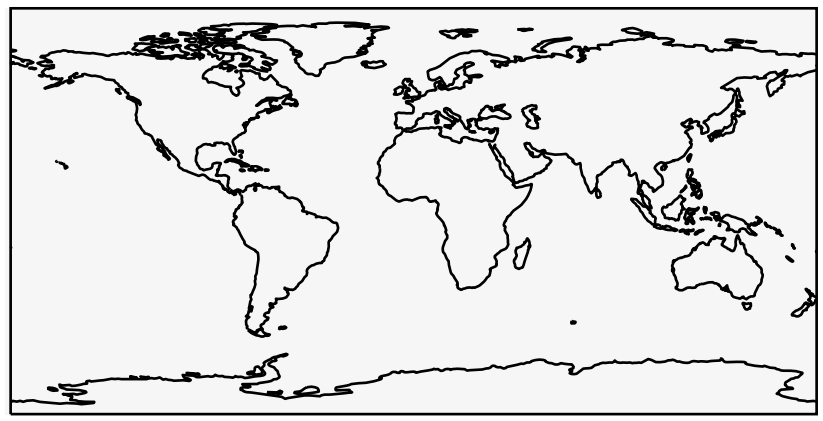


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



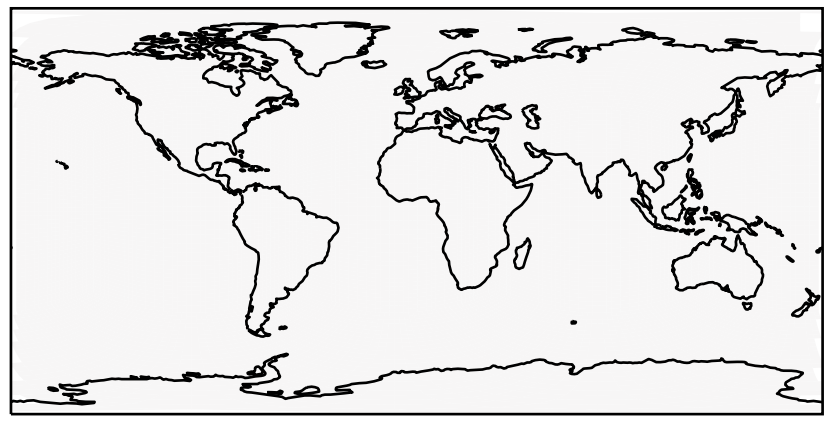
SpeciesConc_DST1

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



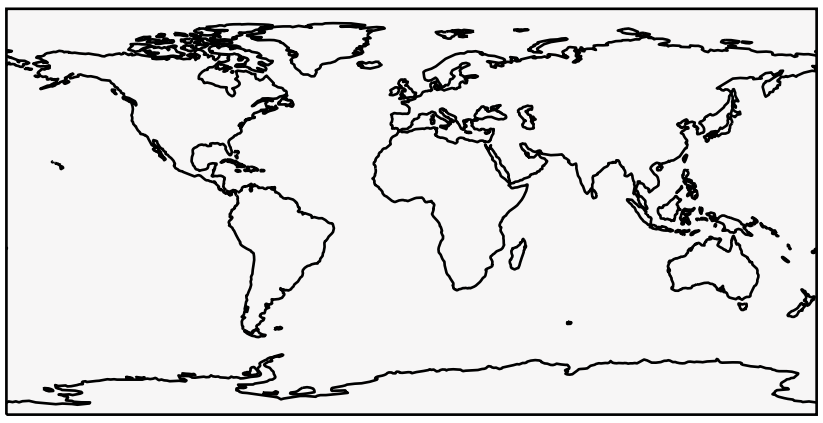
Zero throughout domain
ppb

GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



Zero throughout domain
ppb

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



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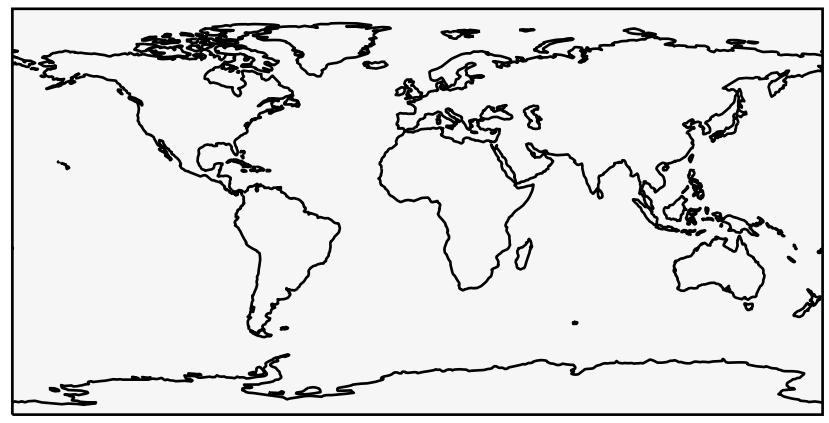
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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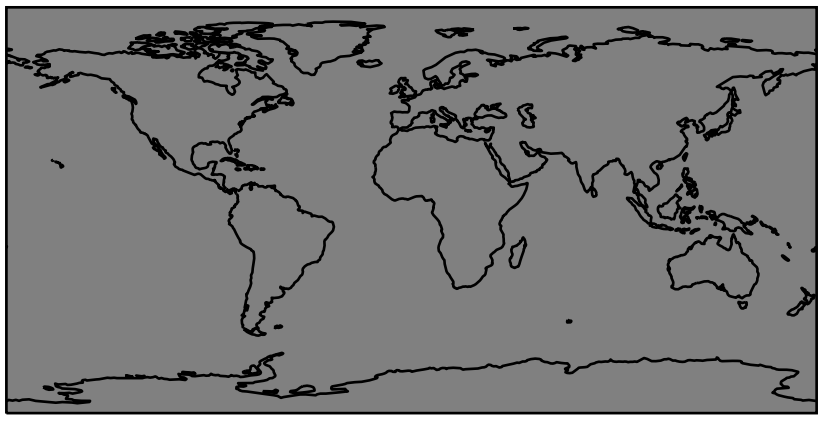
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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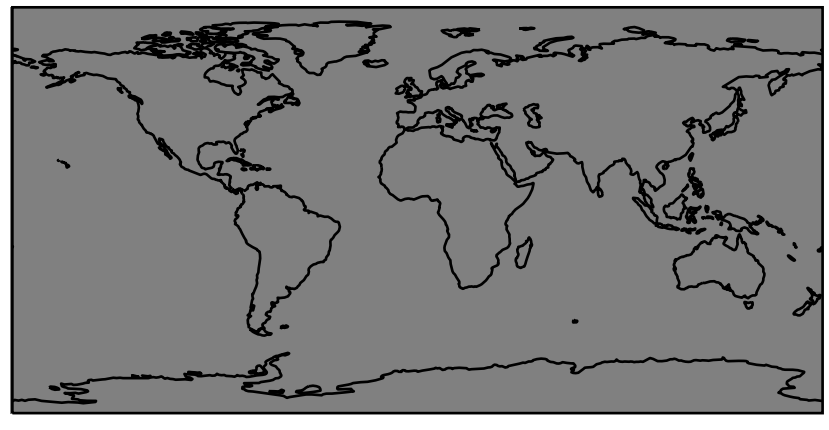
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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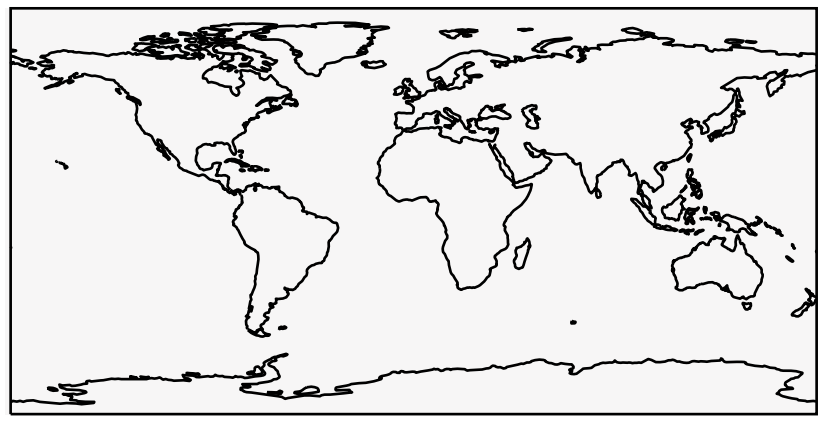
SpeciesConc_DST2

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



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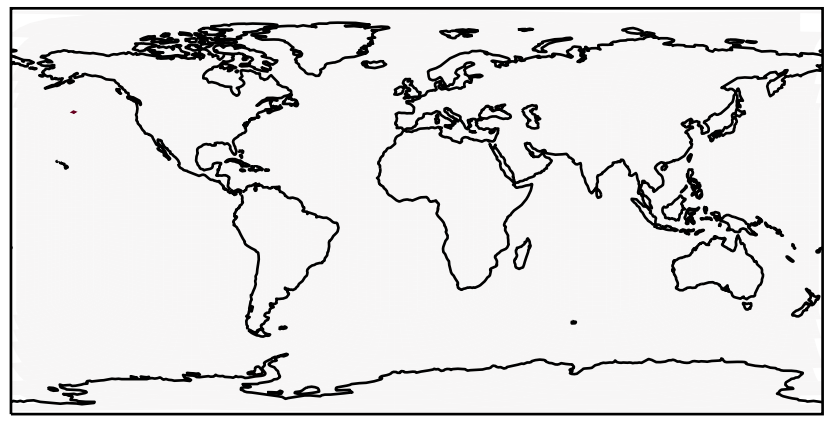
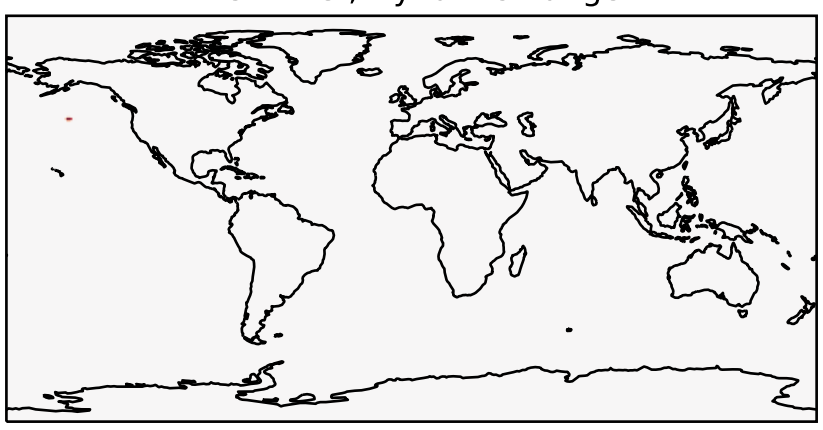
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



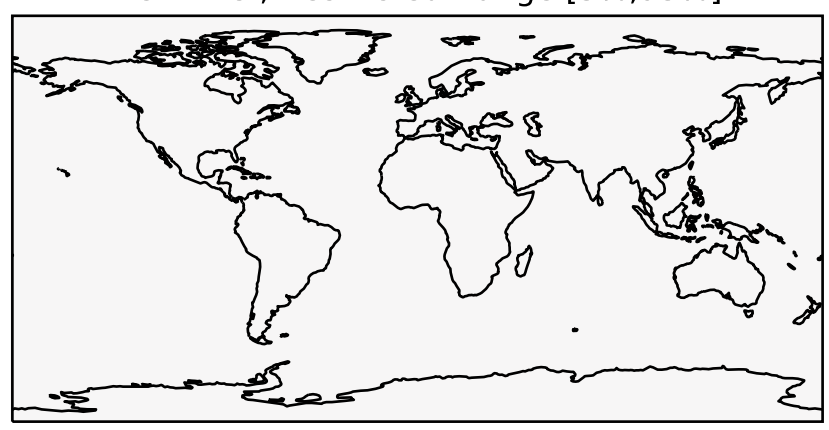
−3 0 3
ppb
1e−11

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



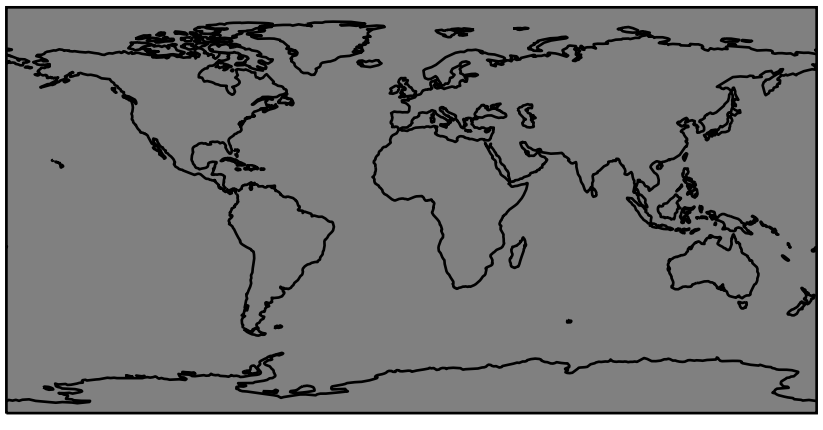
−3 0 3
ppb
1e−11

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



−1.0 −0.5 0.0 0.5 1.0
ppb

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



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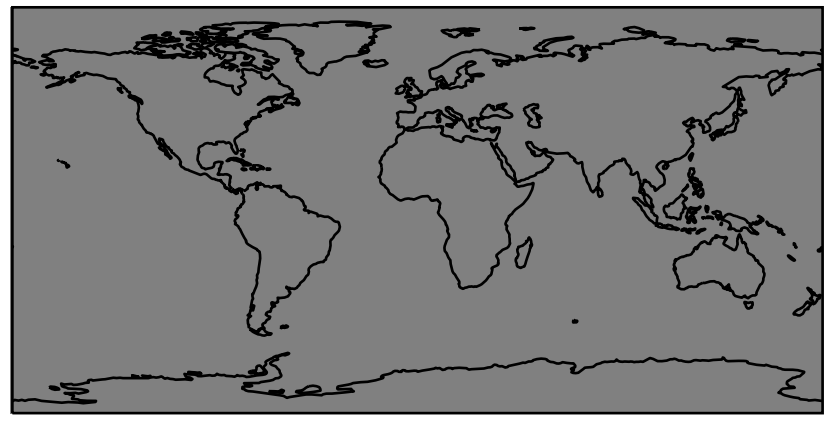
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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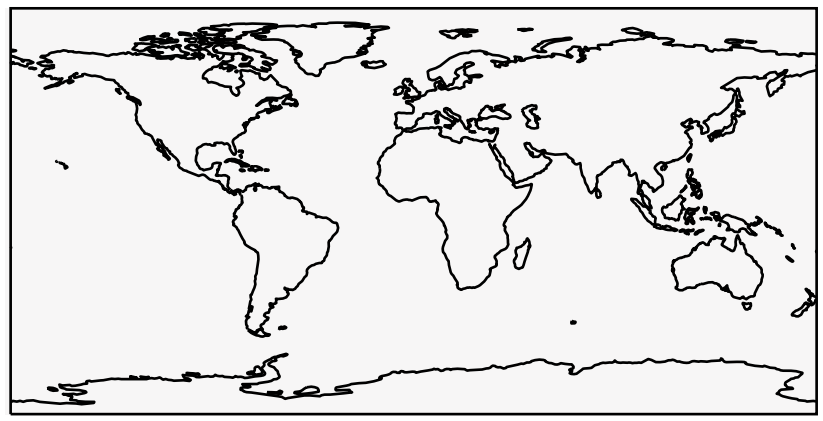
SpeciesConc_DST3

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



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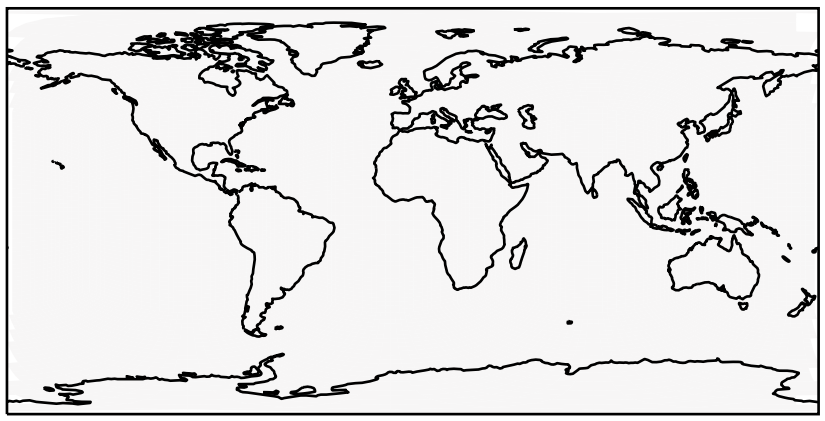
ppb

GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



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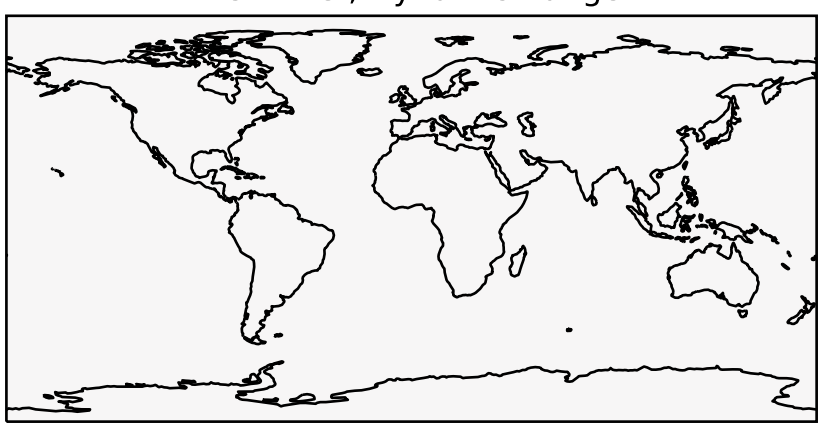
Difference (1x1.25)
Dev - Ref, Dynamic Range



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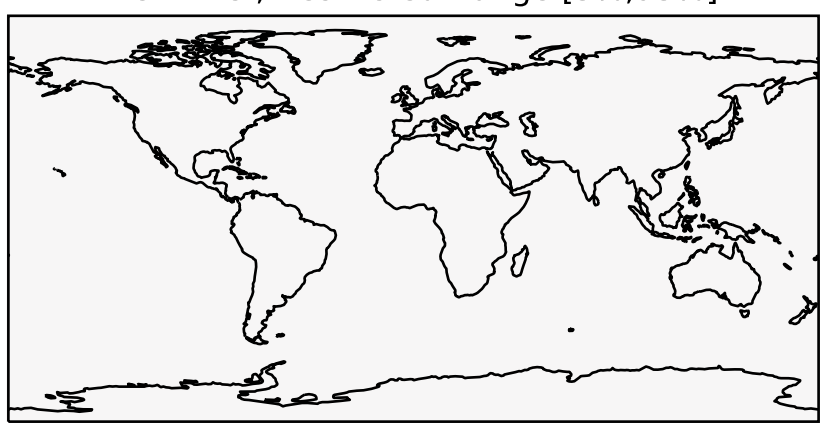
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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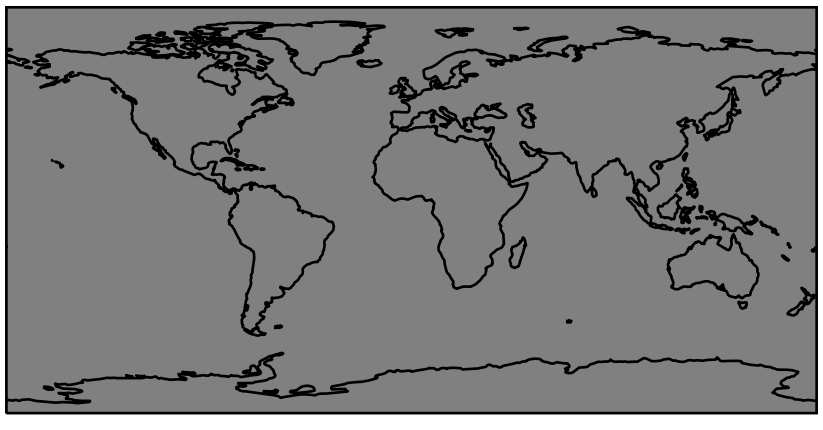
ppb

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



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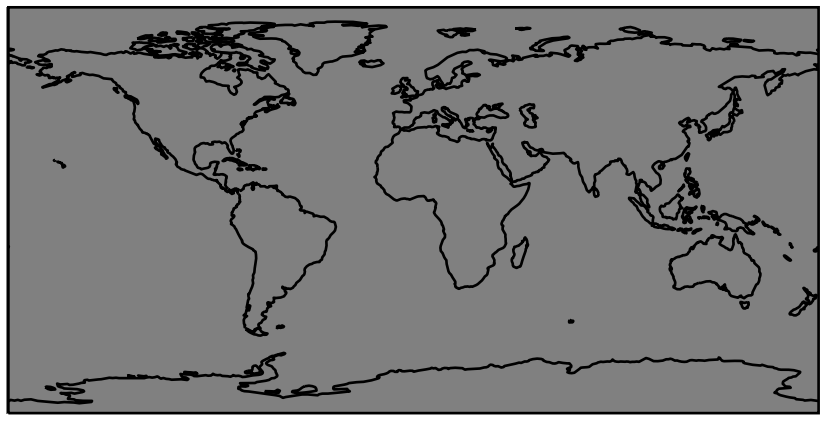
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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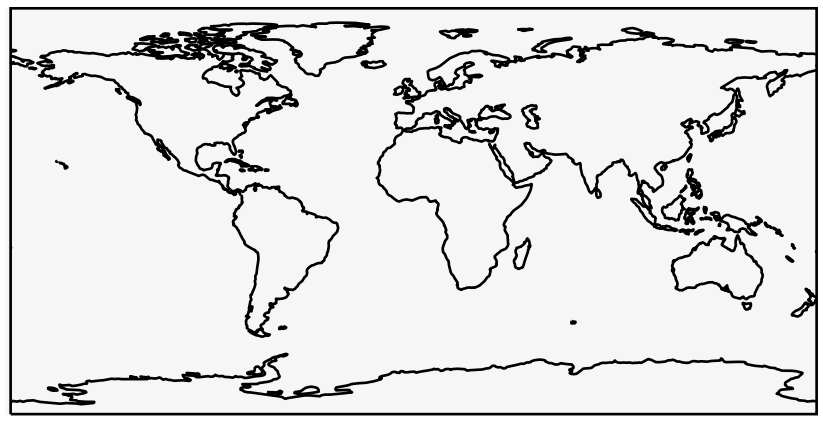
SpeciesConc_DST4

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



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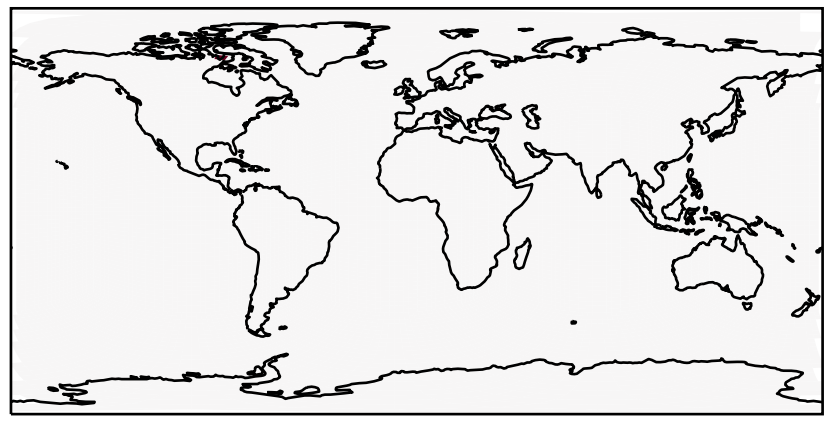
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



−1.5 0.0 1.5
ppb
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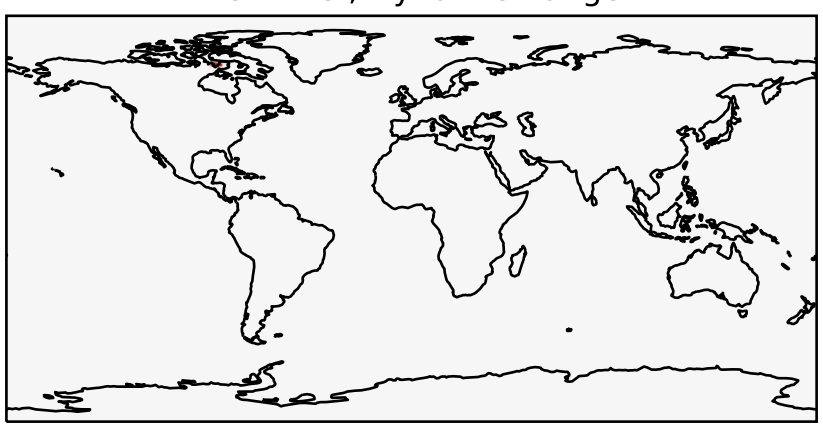
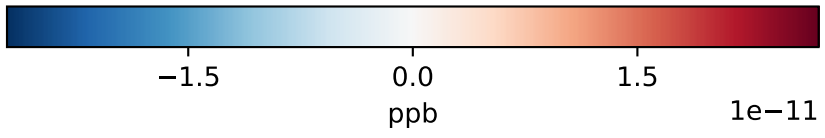
Difference (1x1.25)
Dev - Ref, Dynamic Range





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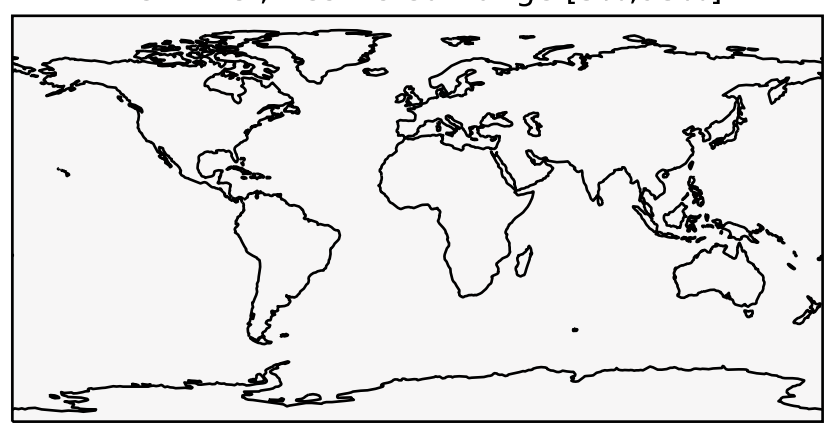
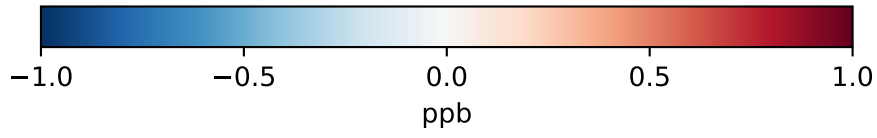
ppb
1e−11

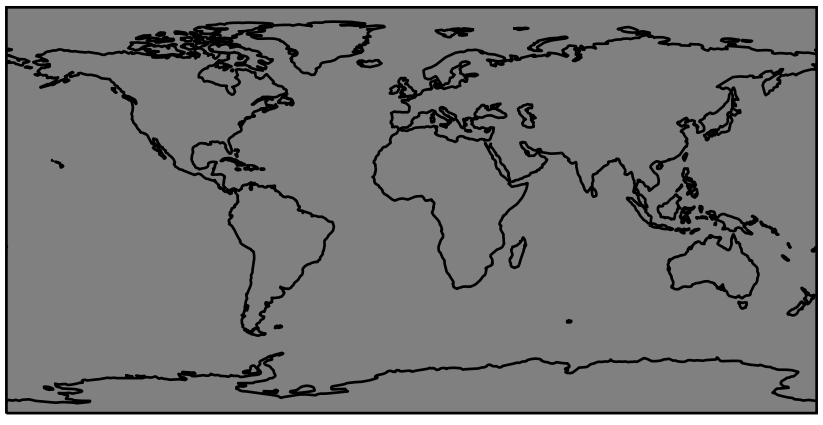
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]





−1.0 −0.5 0.0 0.5 1.0
ppb

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



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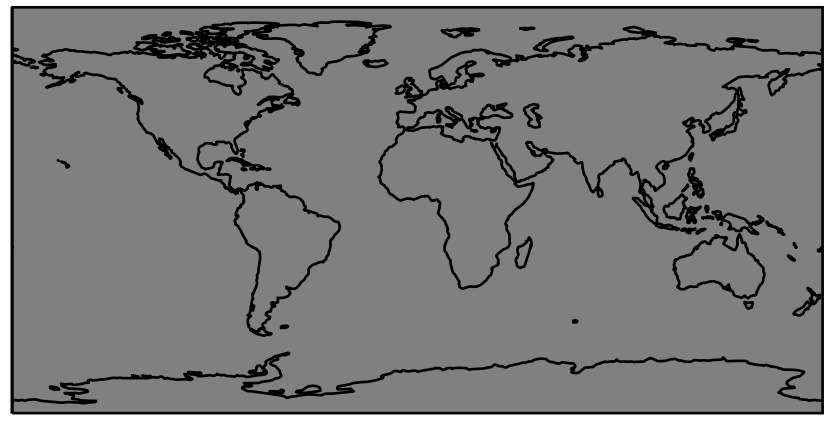
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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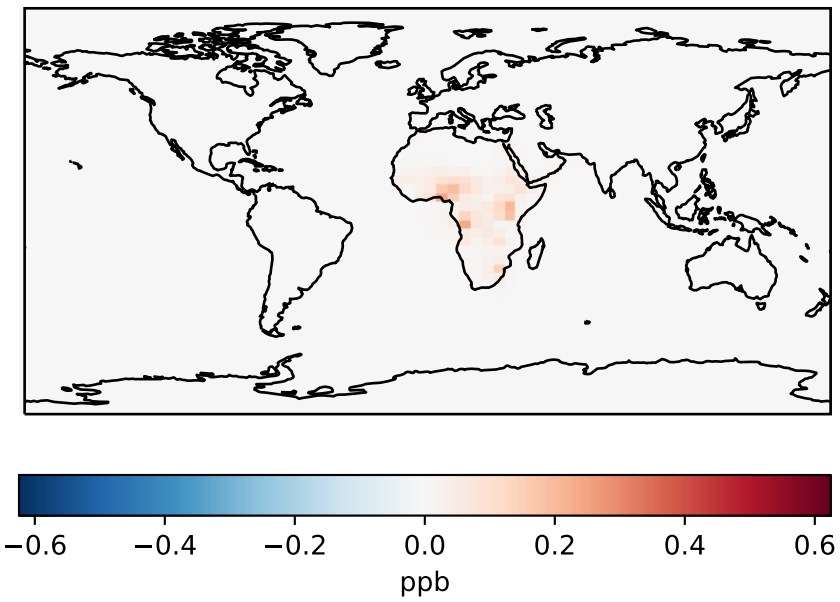
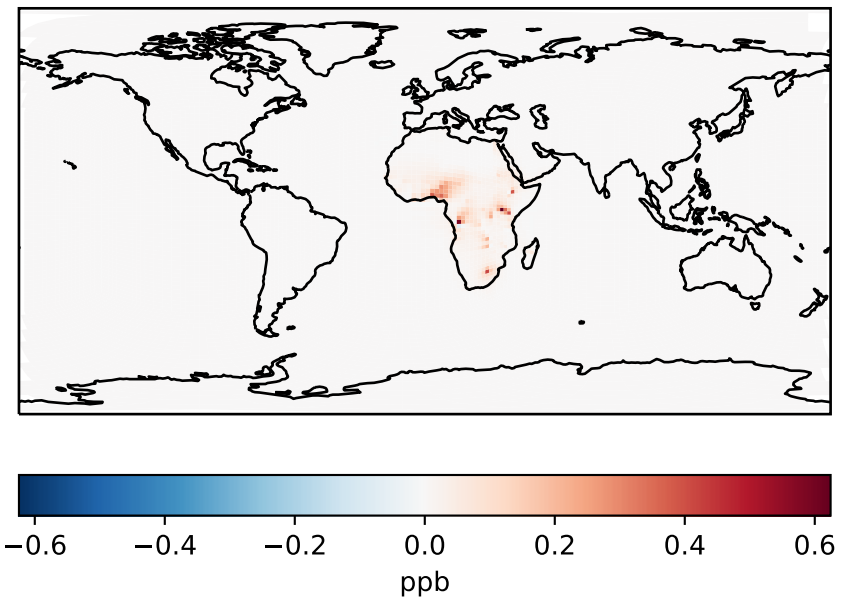
SpeciesConc_BCPI

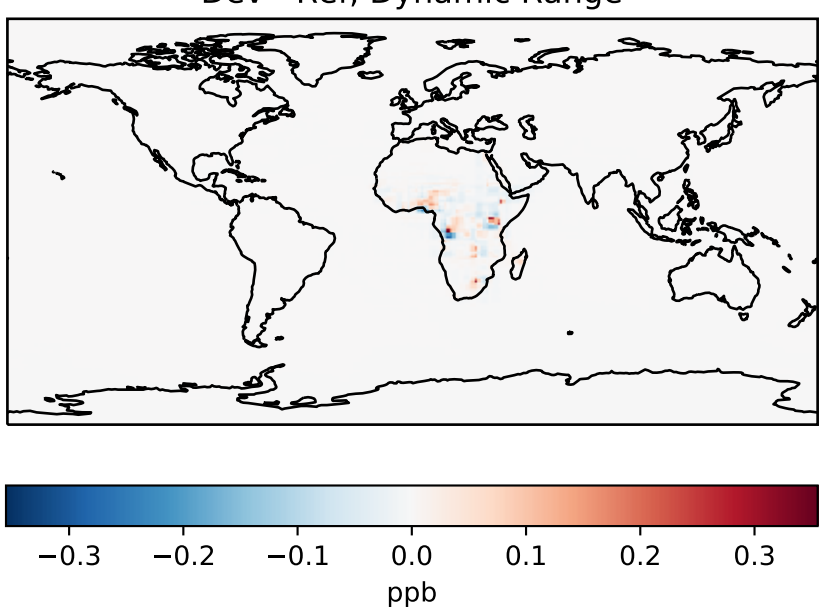
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



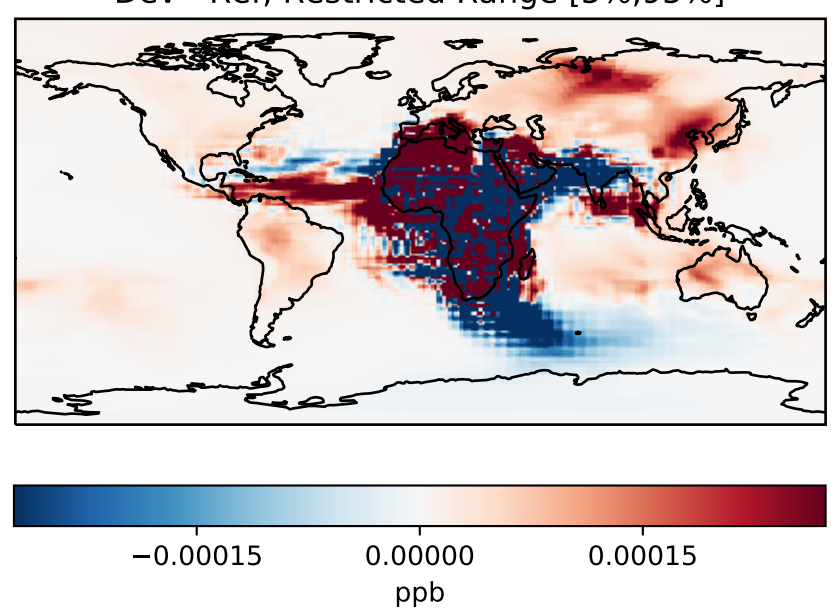
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



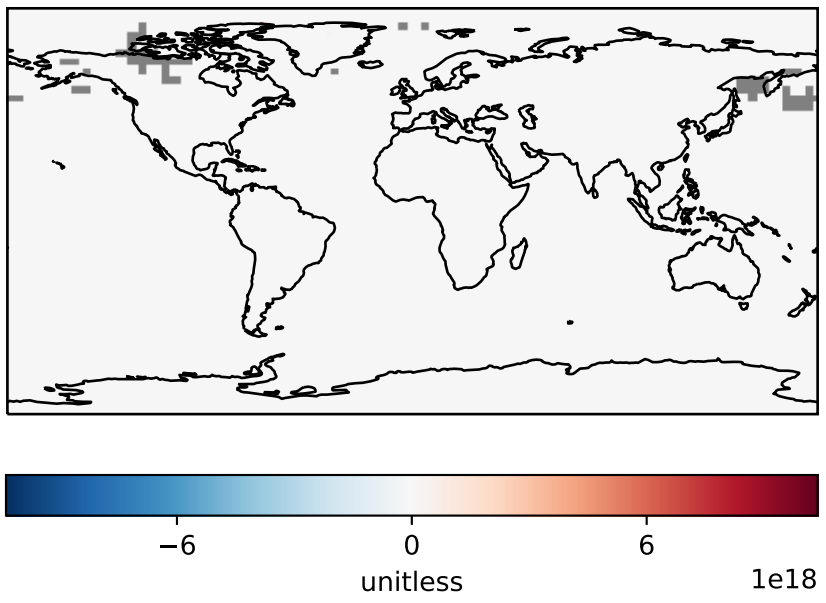
Difference (1x1.25)
Dev - Ref, Dynamic Range



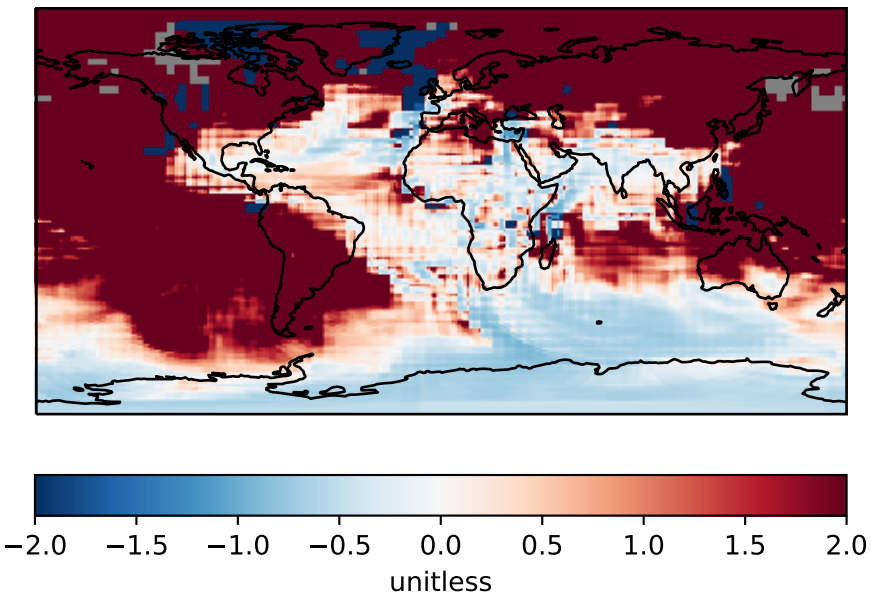
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

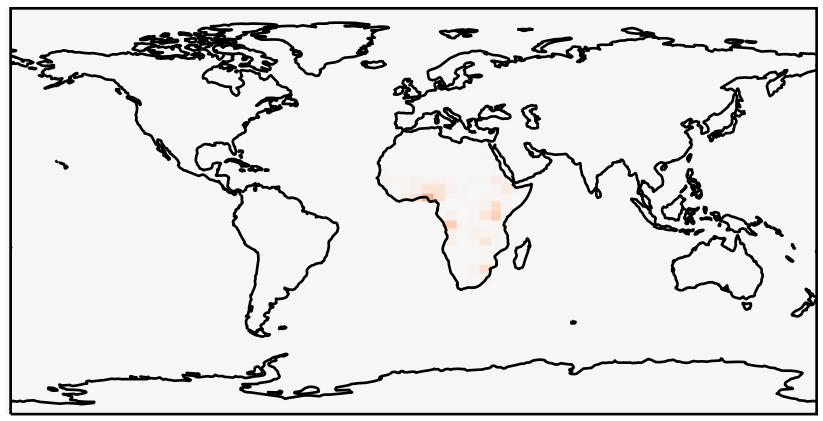


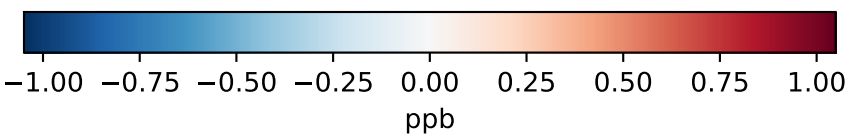
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



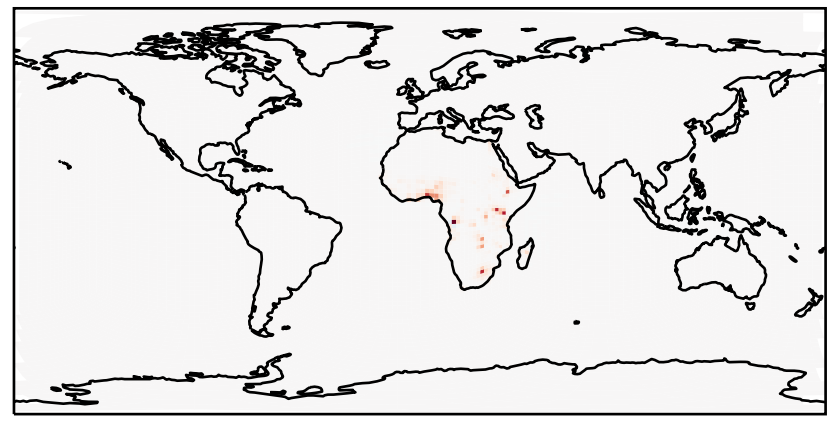
SpeciesConc_BCPO

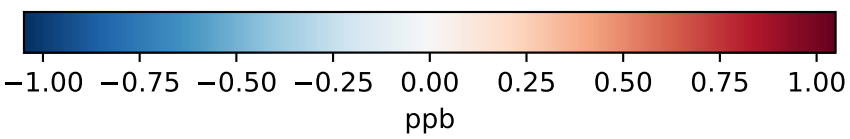
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



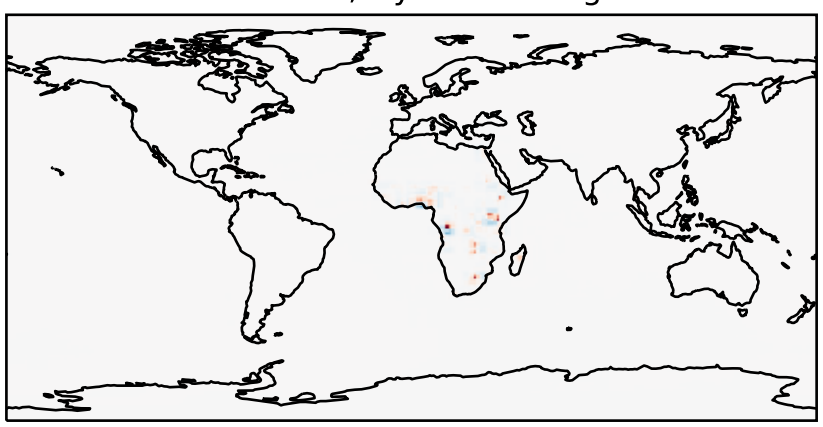


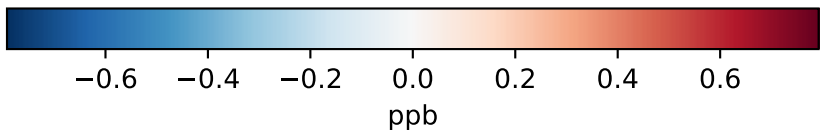
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



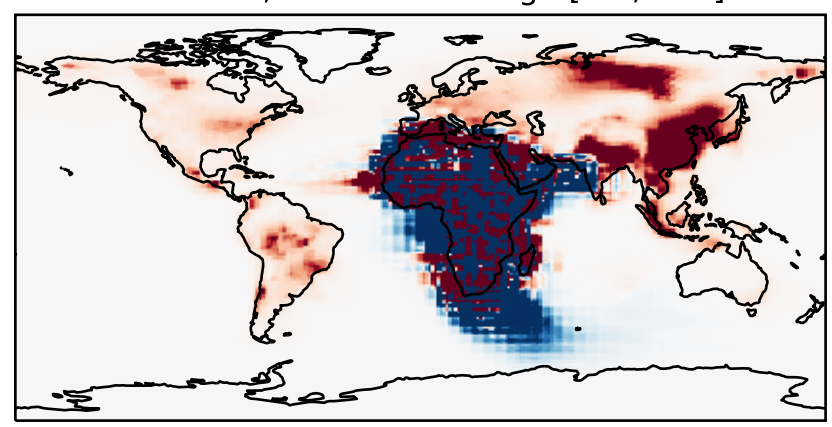


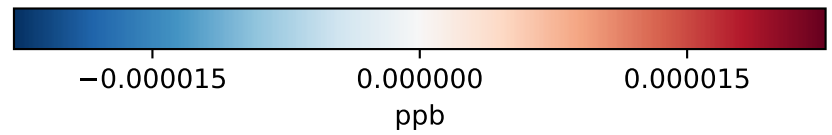
Difference (1x1.25)
Dev - Ref, Dynamic Range



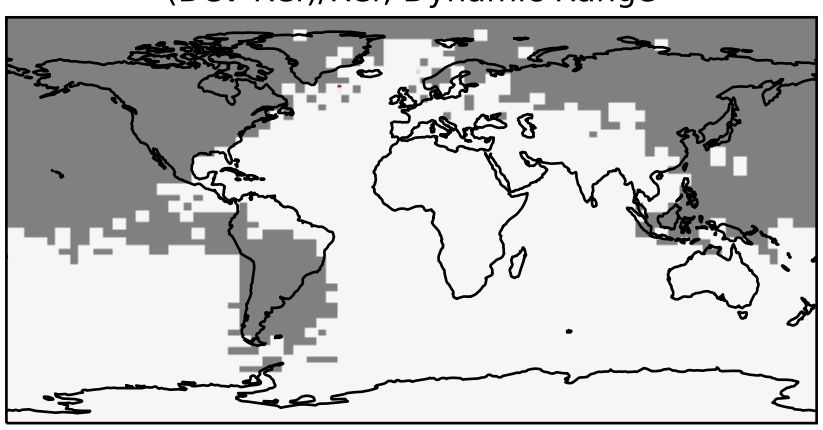


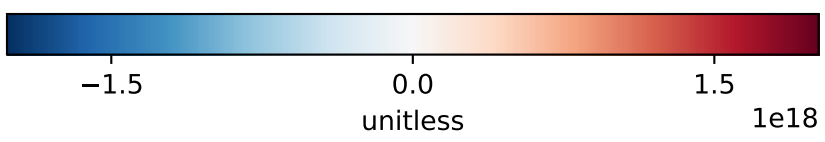
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



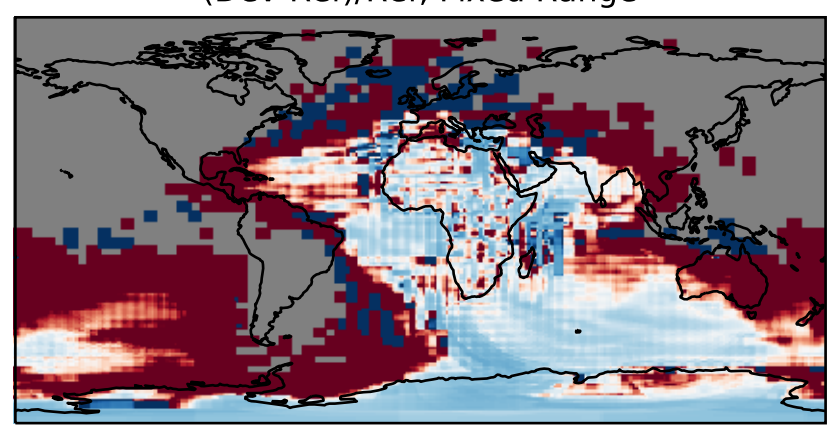


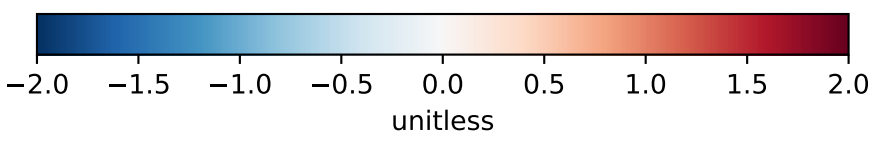
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





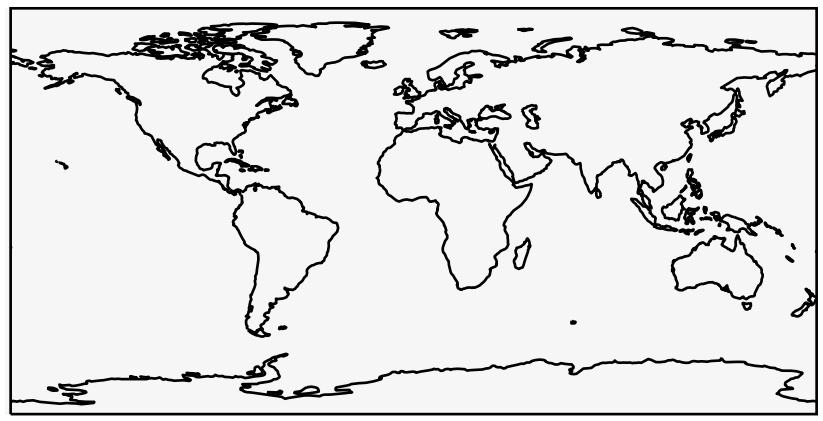
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range





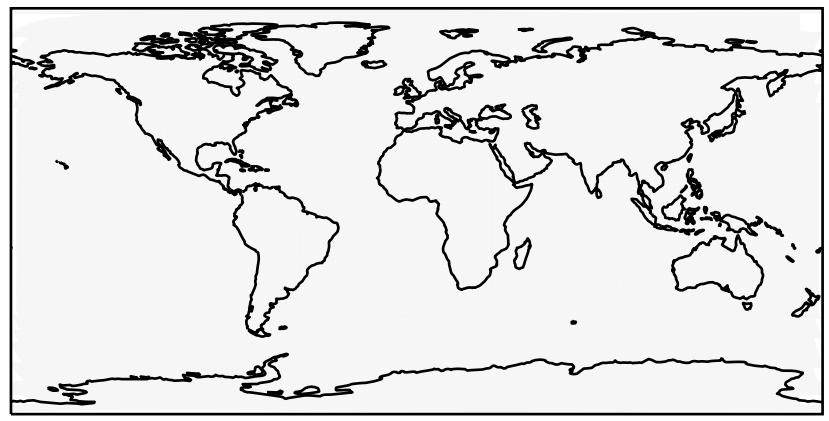
SpeciesConc_OCPI

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



Zero throughout domain
ppb

GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



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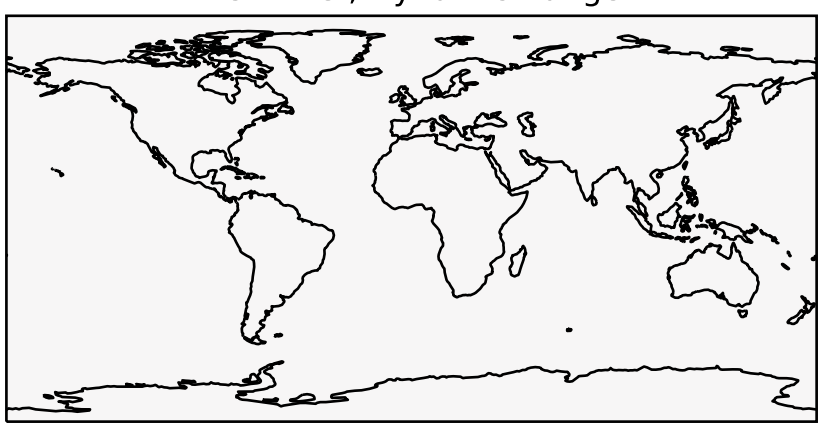
Difference (1x1.25)
Dev - Ref, Dynamic Range



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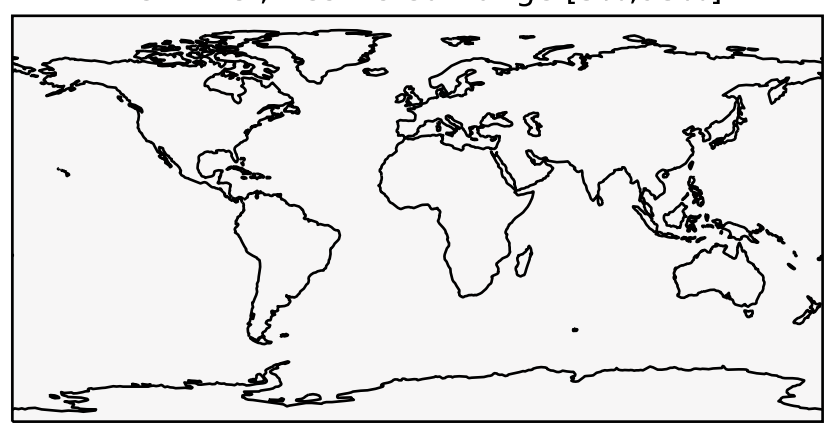
ppb

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



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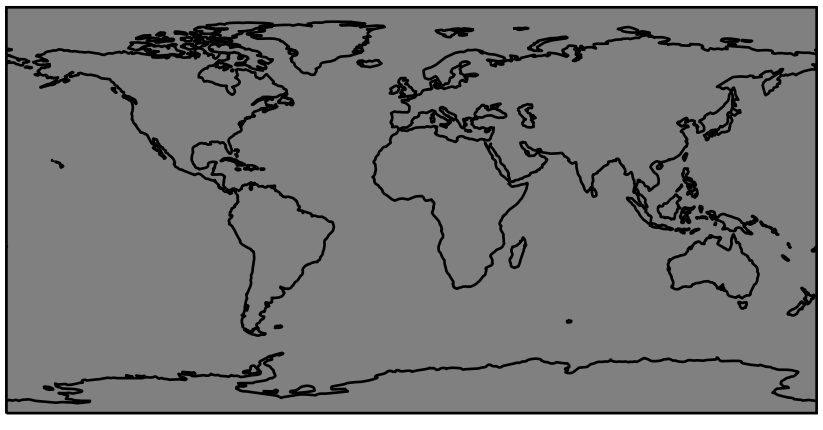
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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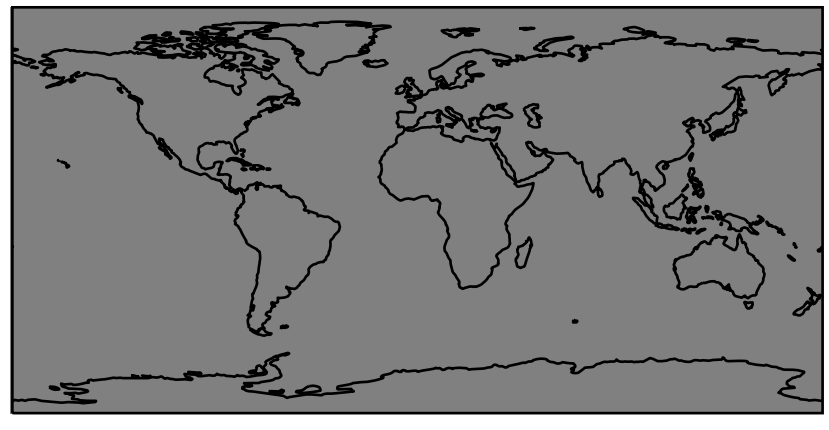
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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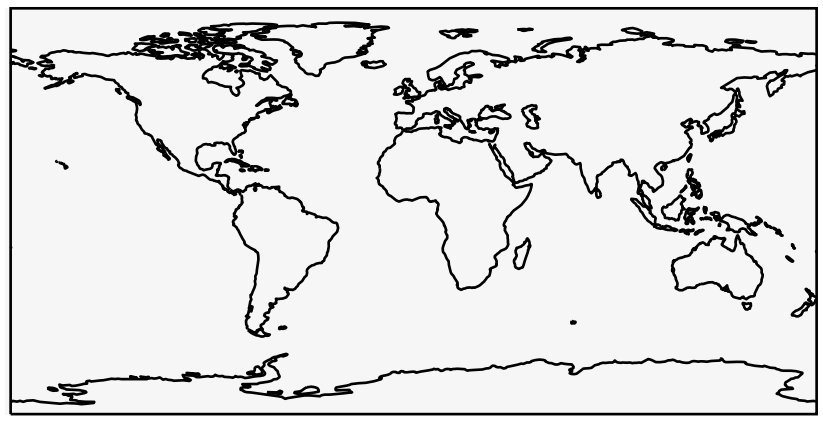
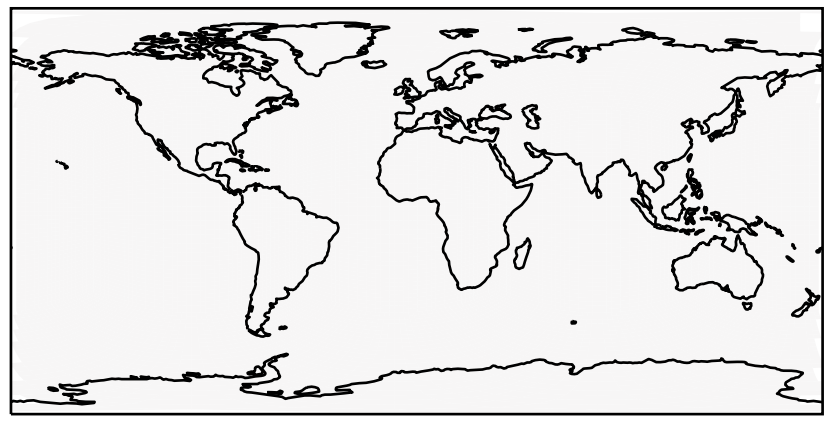
SpeciesConc_OCPO

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



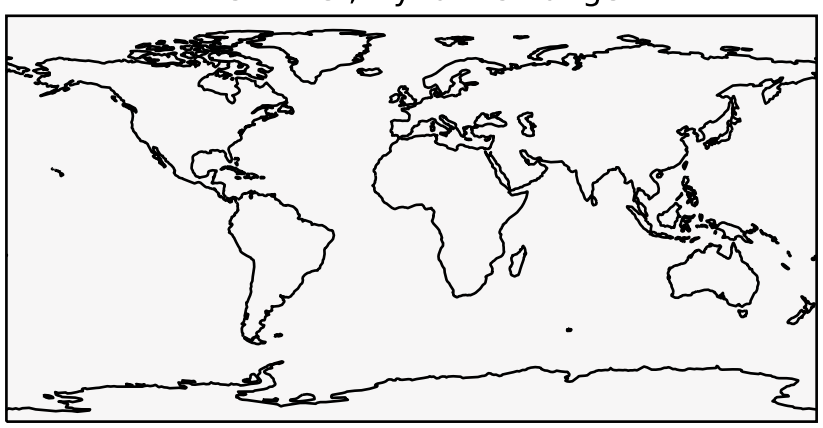
Zero throughout domain
ppb

GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



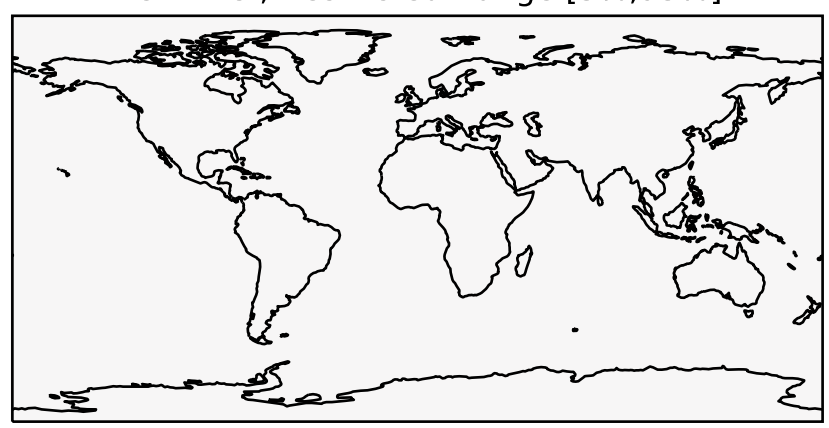
Zero throughout domain
ppb

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



Zero throughout domain
ppb

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



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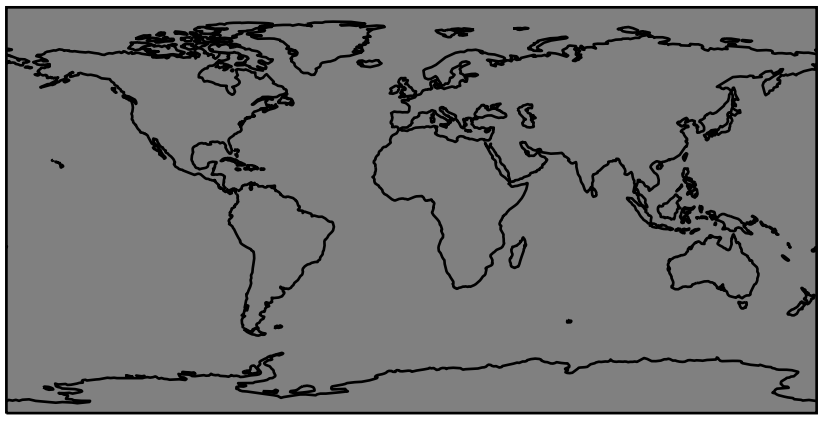
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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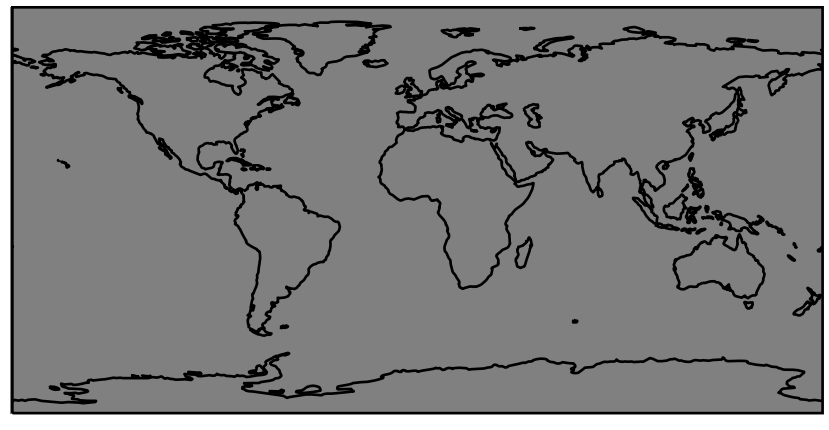
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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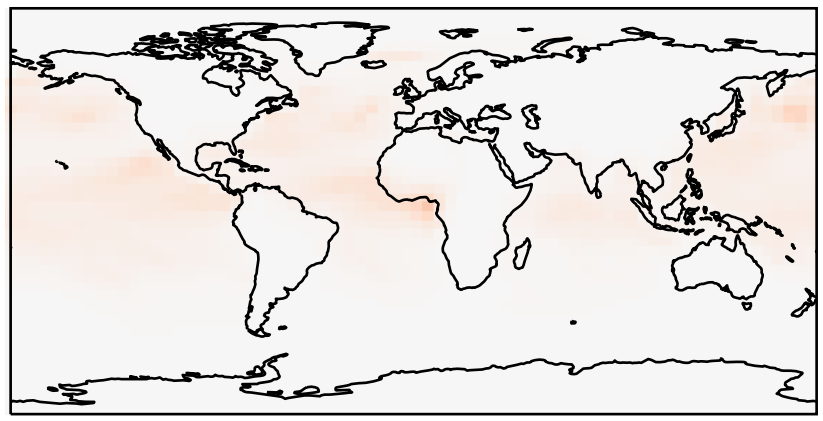
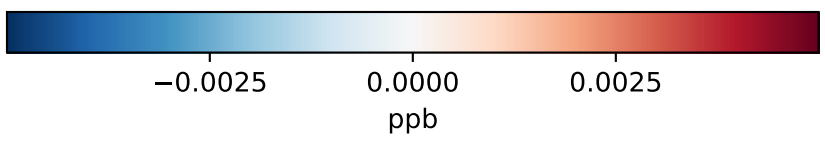
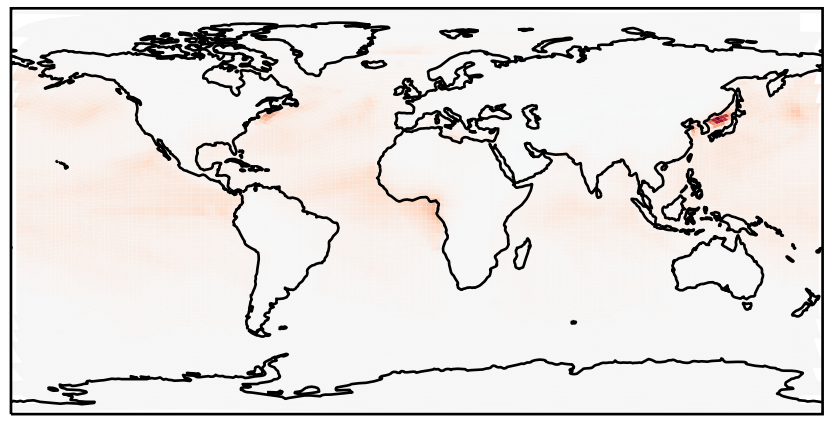
SpeciesConc_AERI

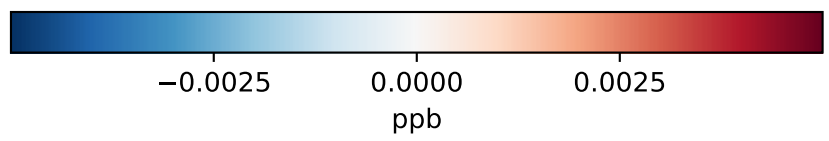
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



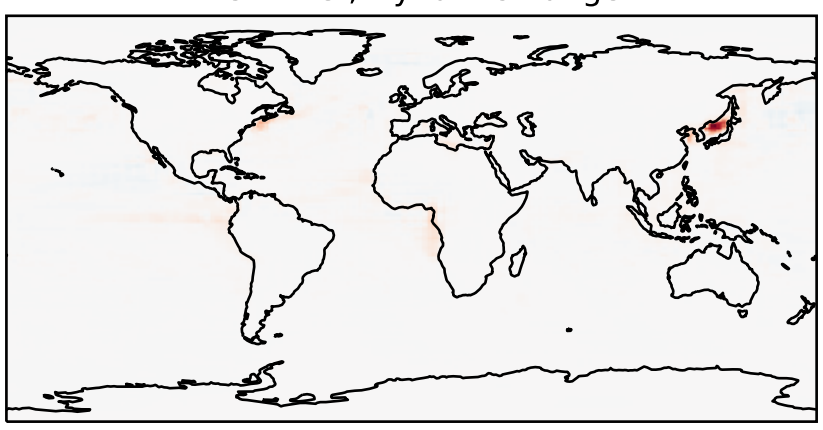


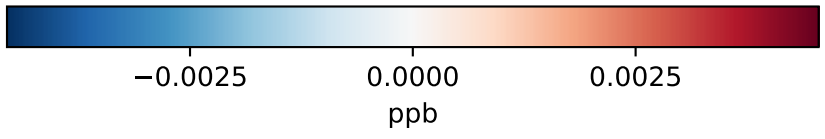
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



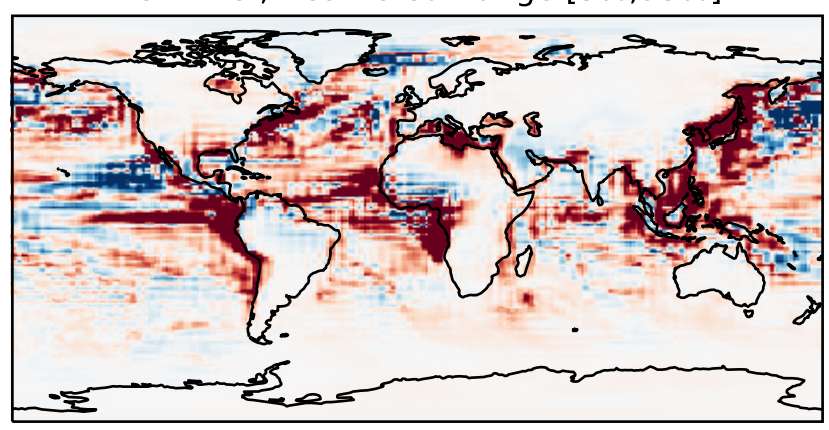


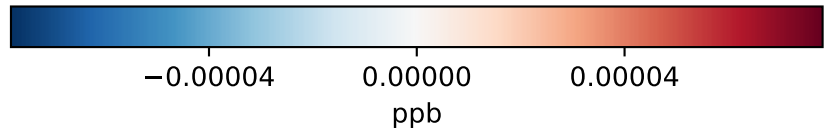
Difference (1x1.25)
Dev - Ref, Dynamic Range



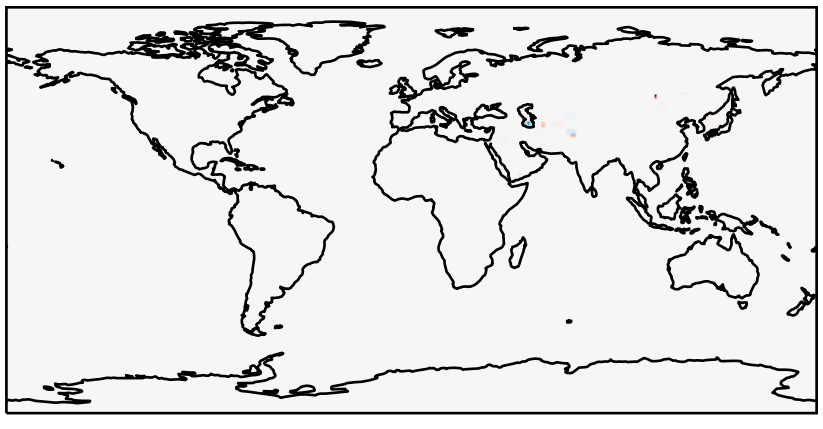


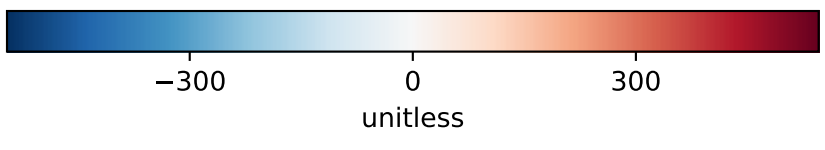
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



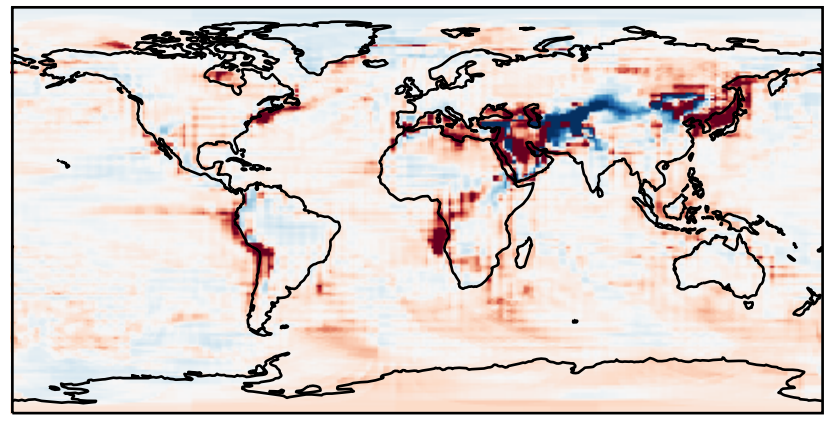


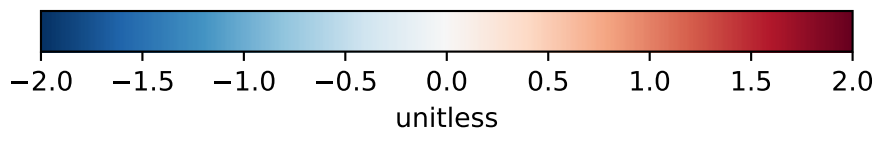
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





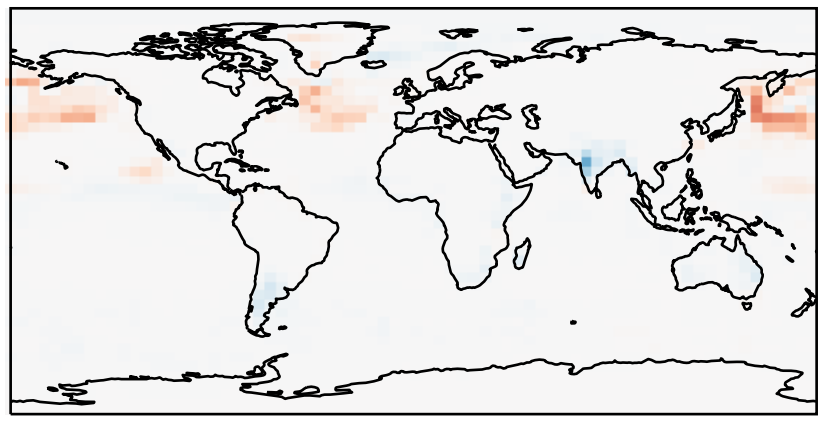
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

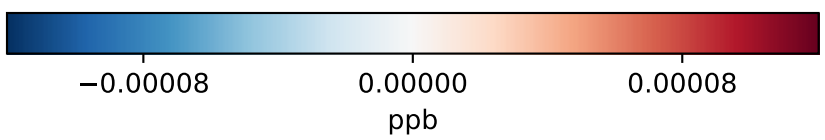




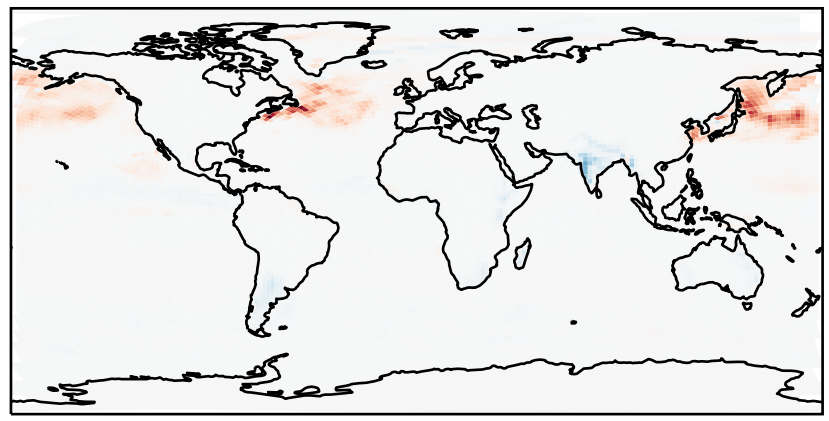
SpeciesConc_BrSALA

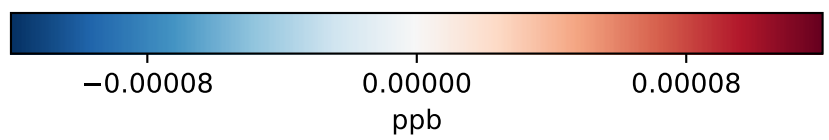
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



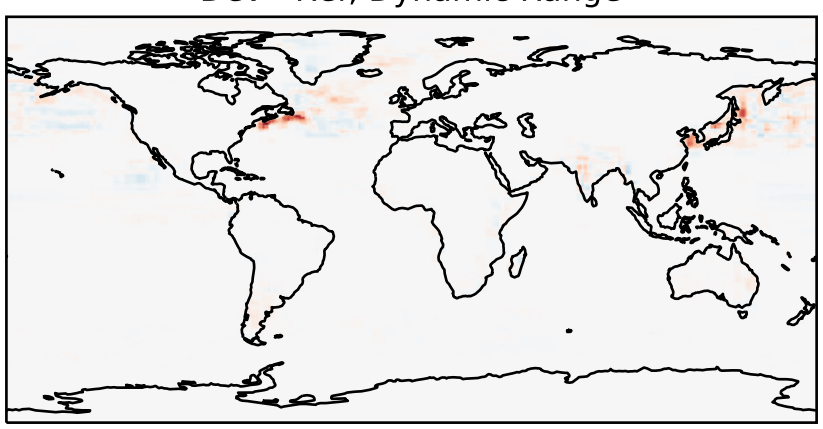


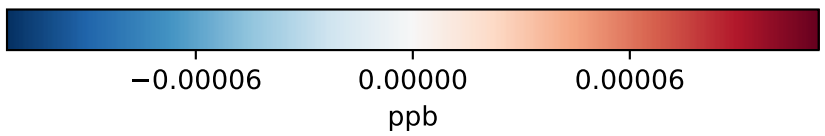
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



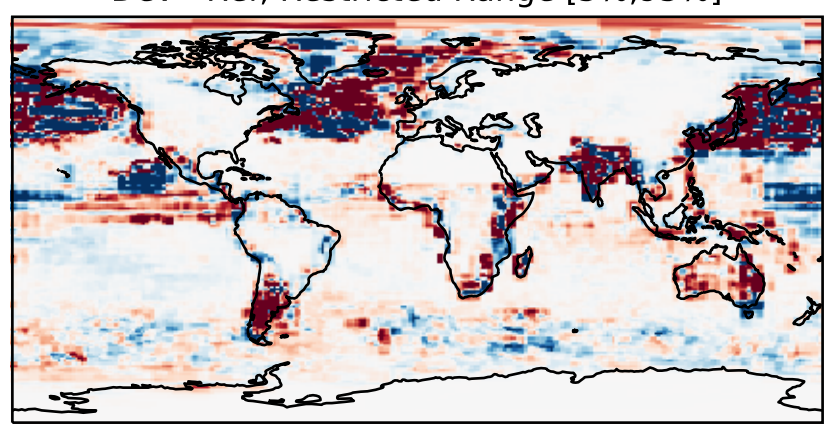


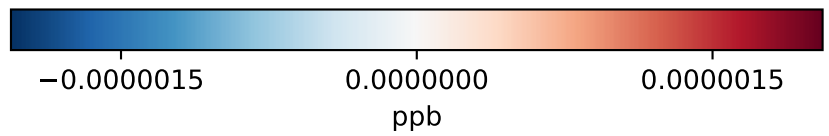
Difference (1x1.25)
Dev - Ref, Dynamic Range



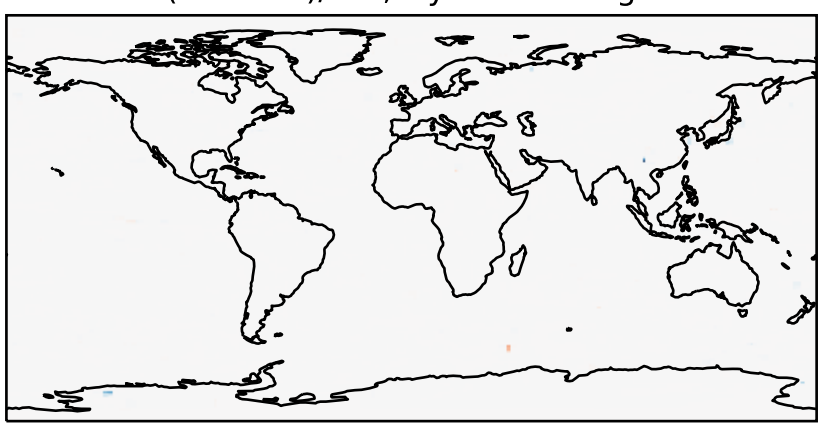


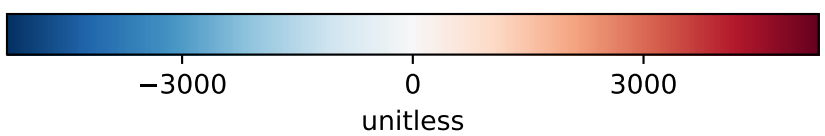
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



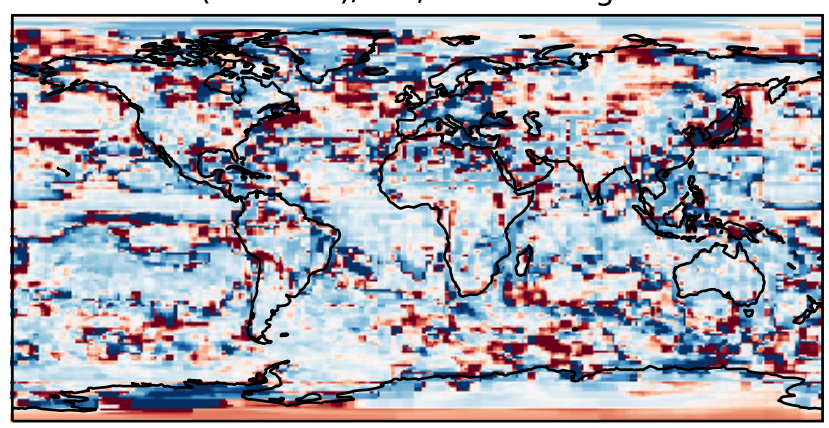


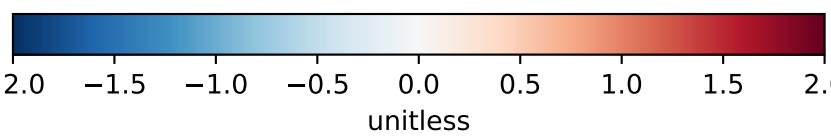
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





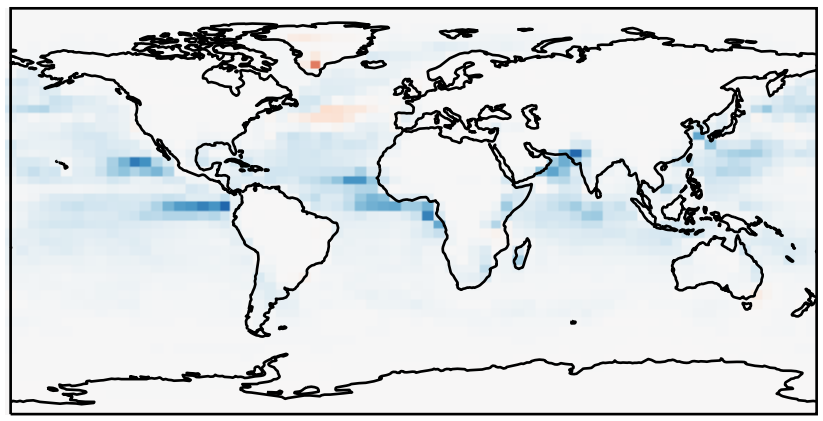
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

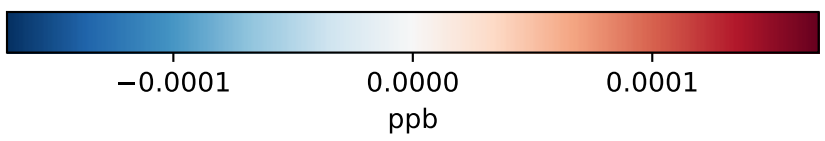




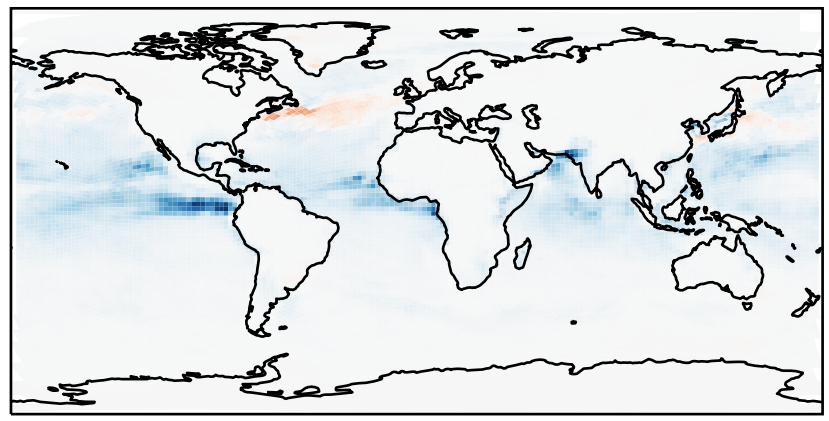
SpeciesConc_BrSALC

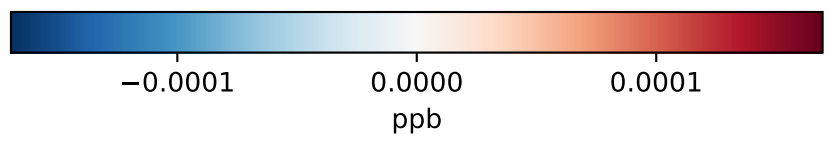
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



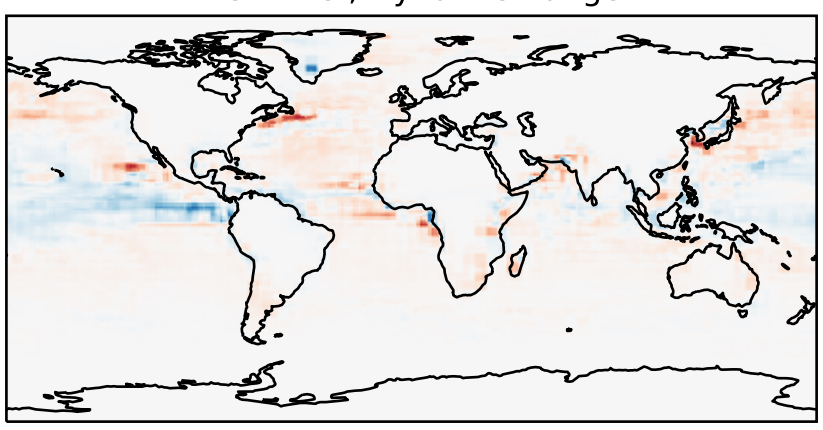


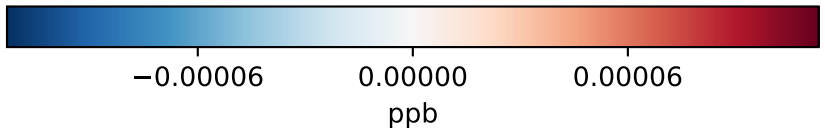
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



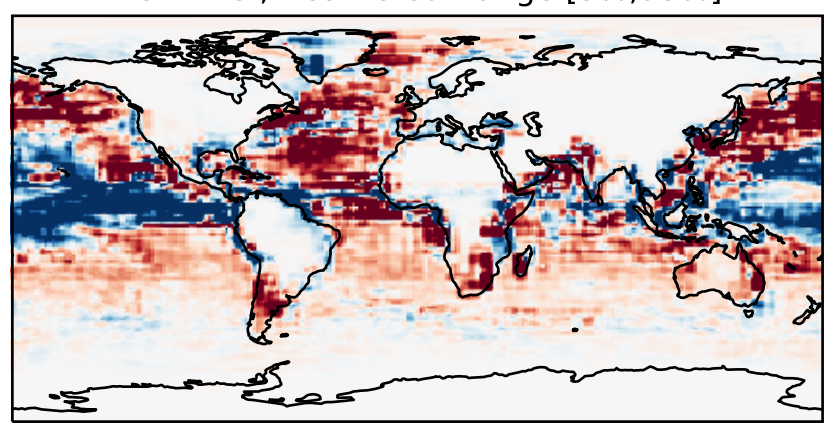


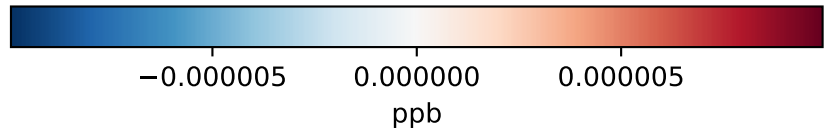
Difference (1x1.25)
Dev - Ref, Dynamic Range



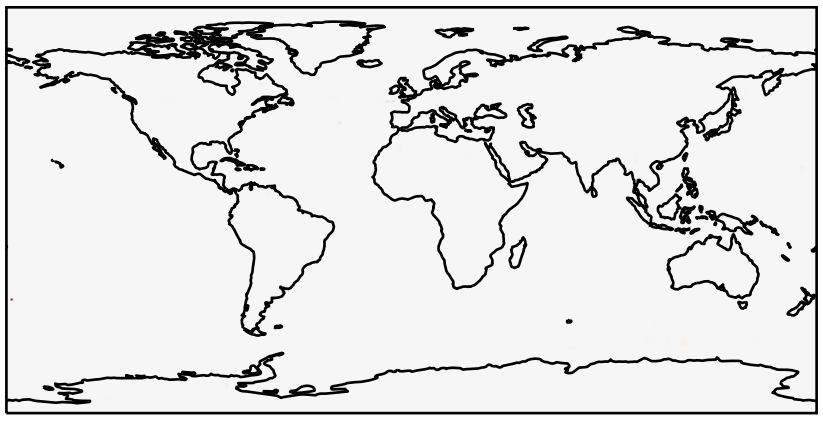


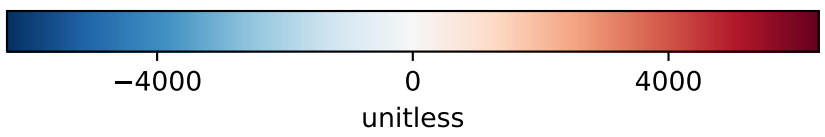
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



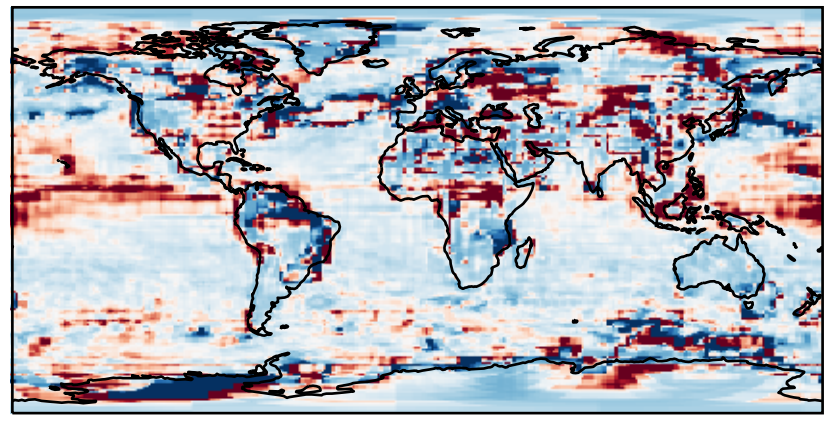


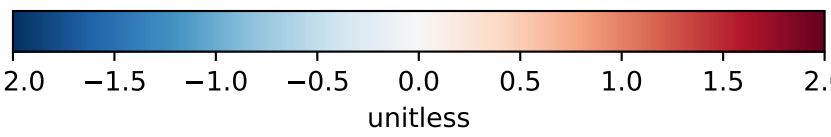
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





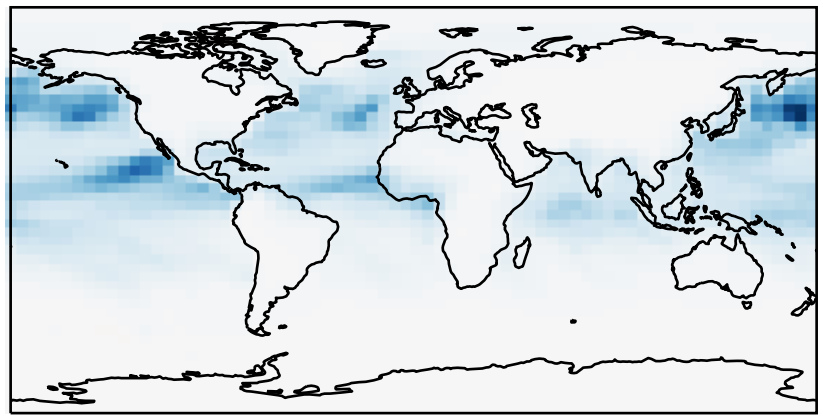
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

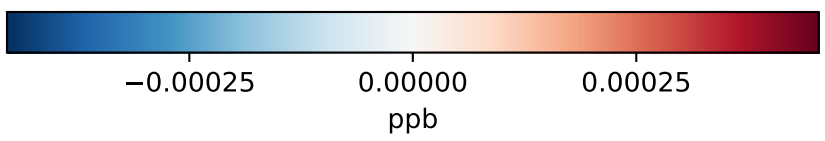




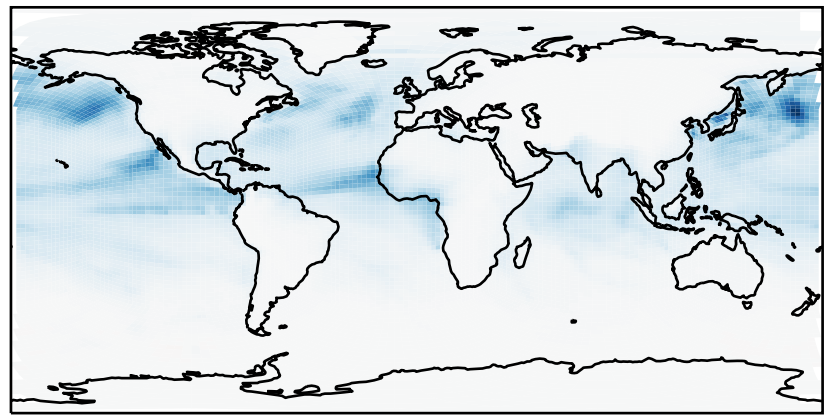
SpeciesConc_ISALA

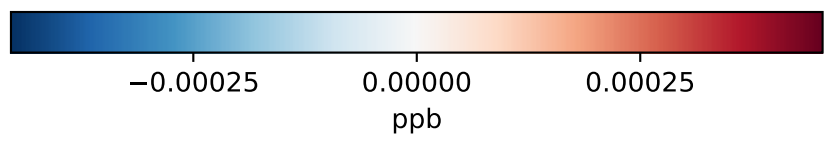
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



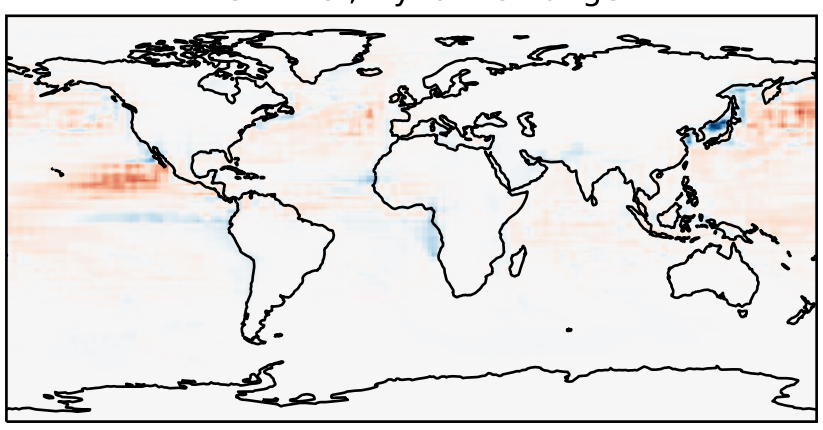


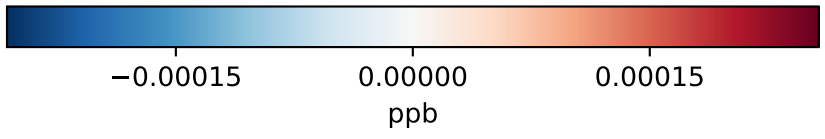
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



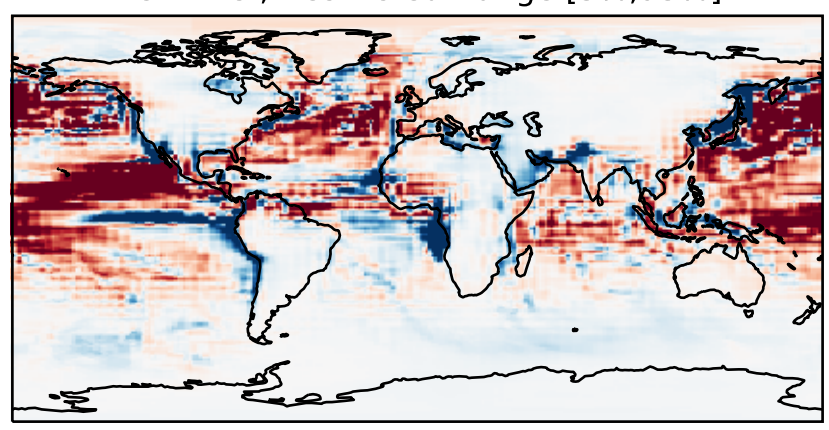


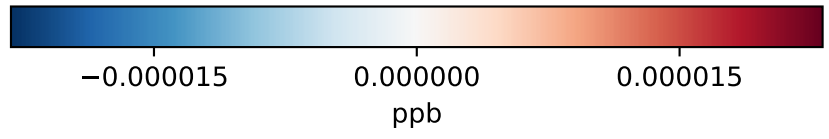
Difference (1x1.25)
Dev - Ref, Dynamic Range



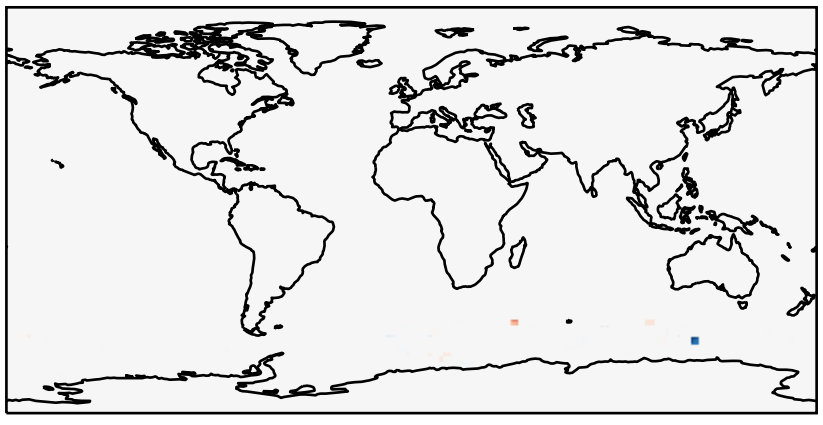


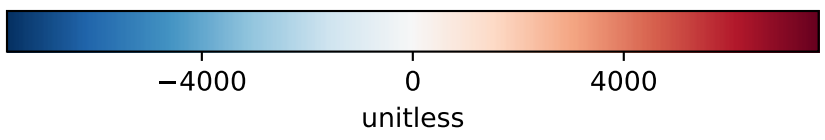
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



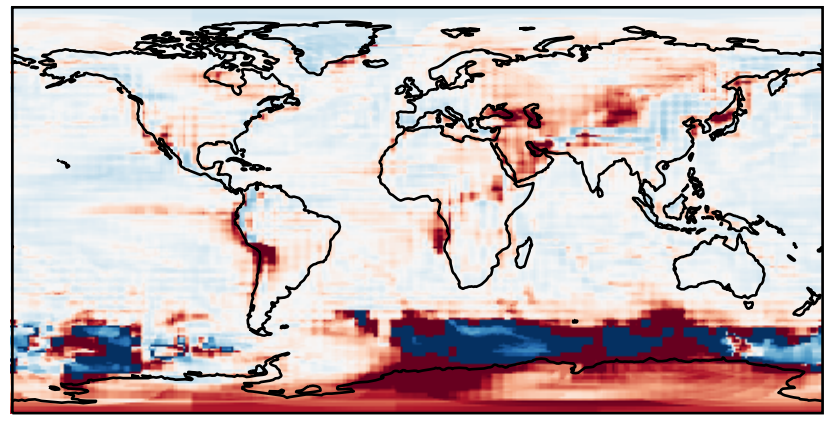


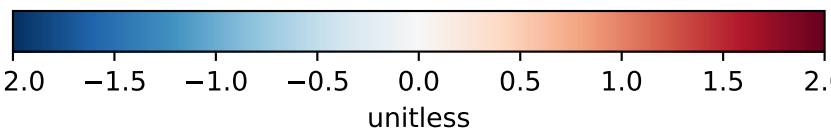
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





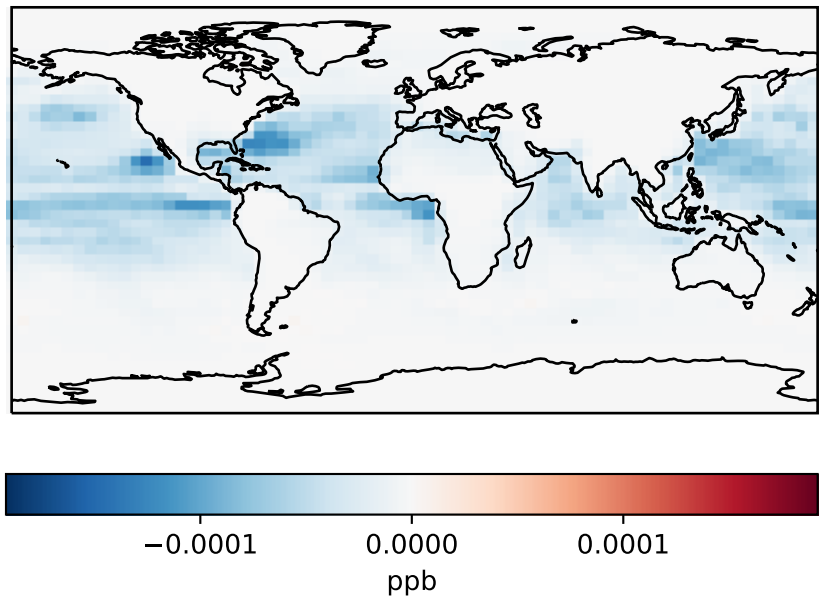
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



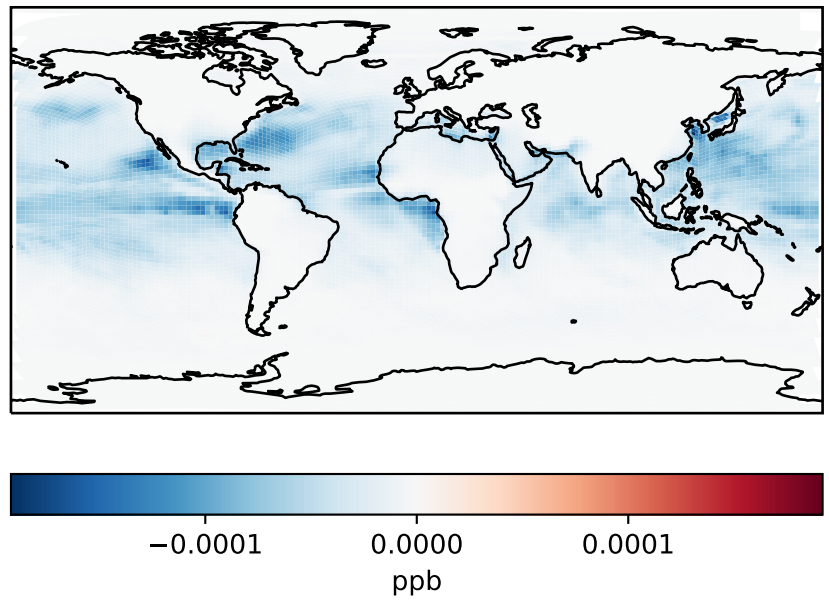


SpeciesConc_ISALC

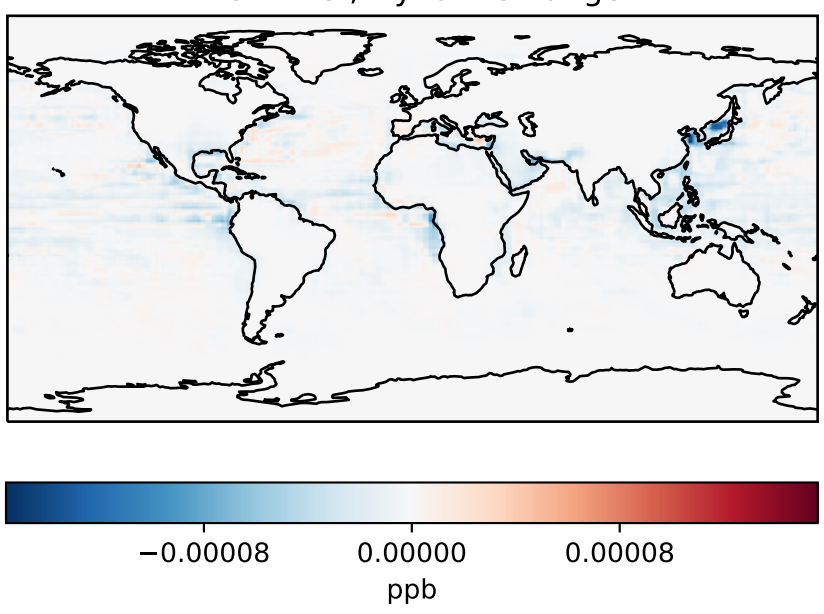
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



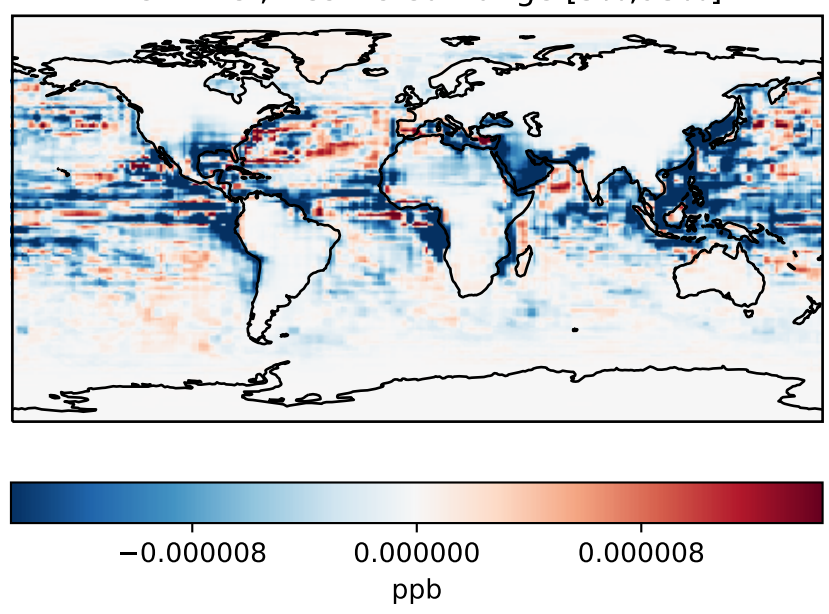
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



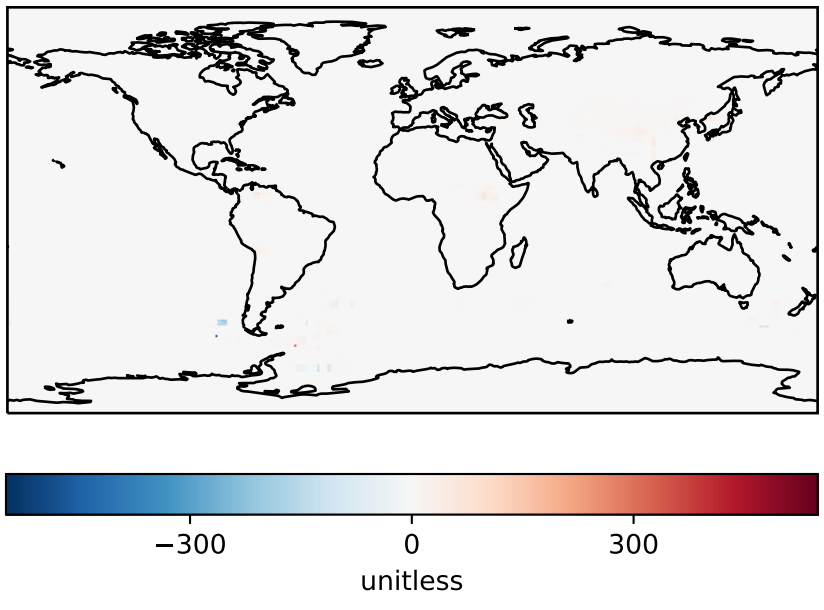
Difference (1x1.25)
Dev - Ref, Dynamic Range



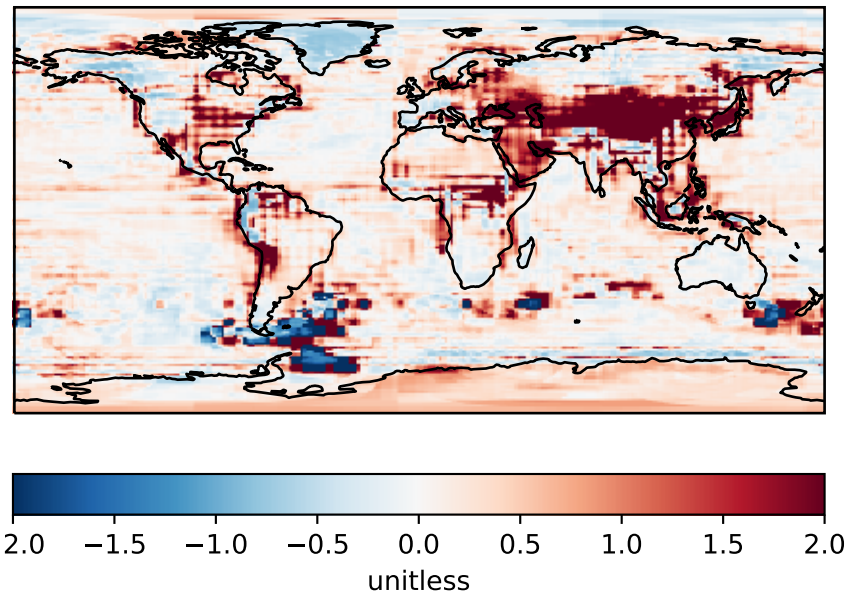
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

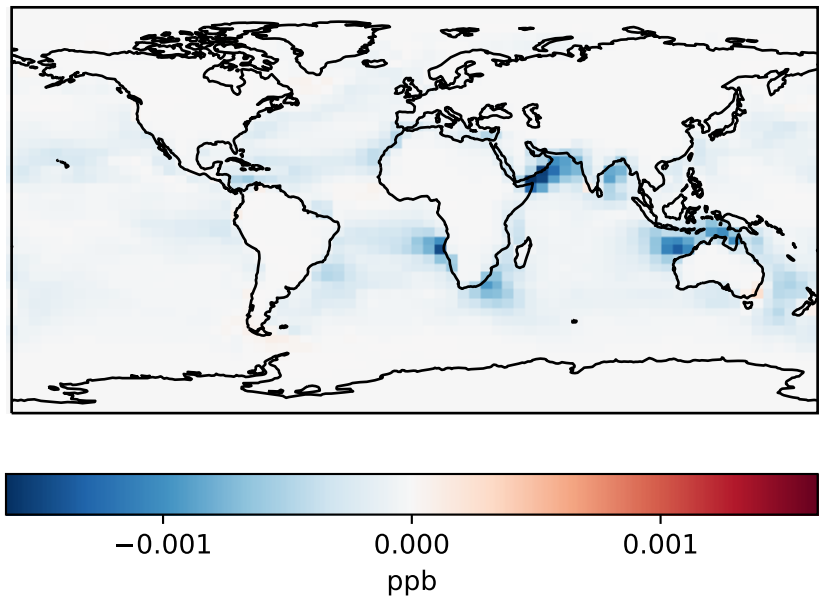


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range

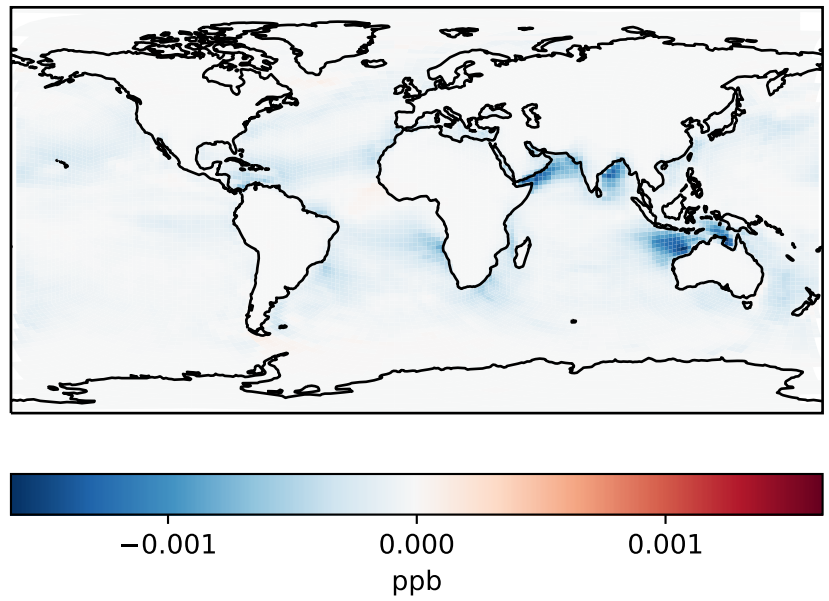


SpeciesConc_NITs

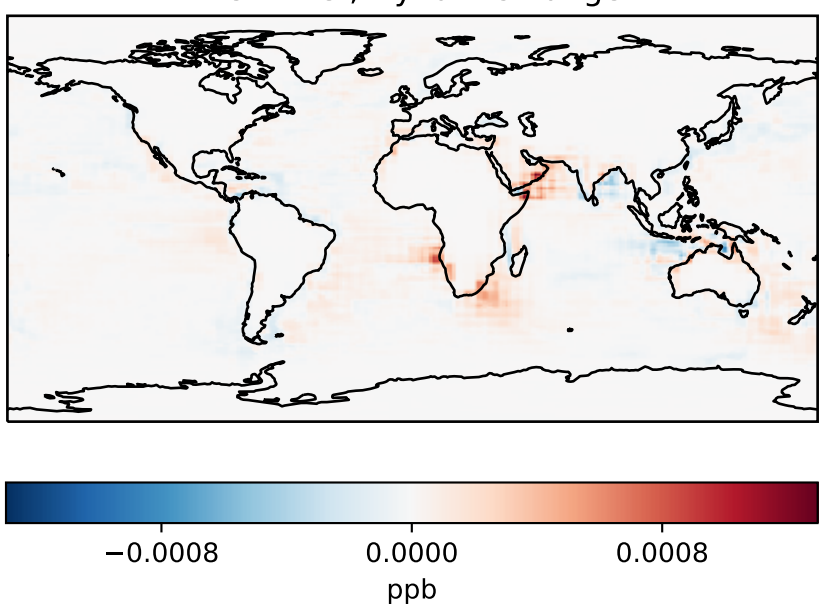
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



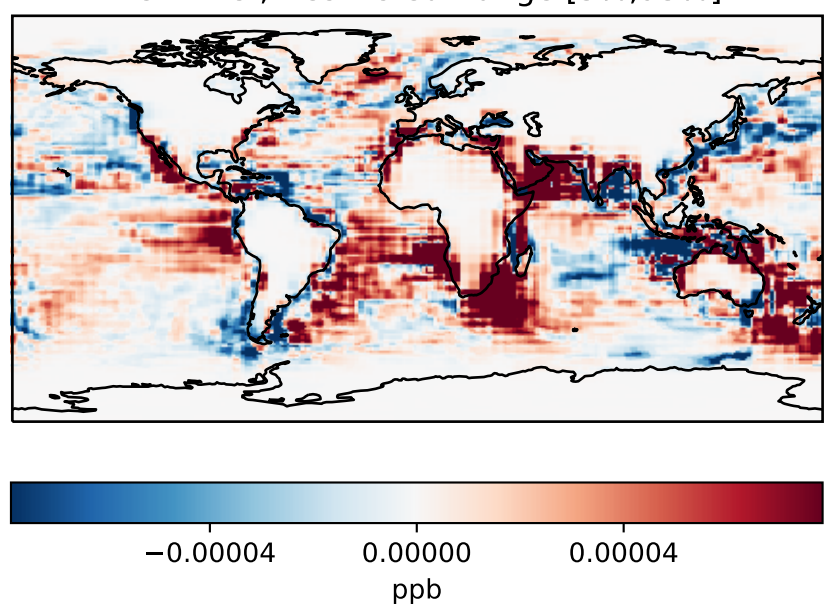
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



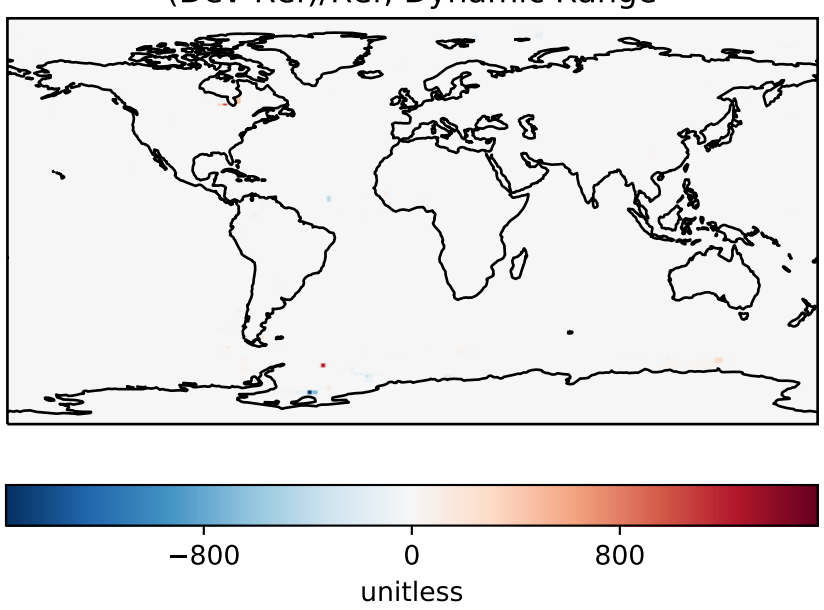
Difference (1x1.25)
Dev - Ref, Dynamic Range



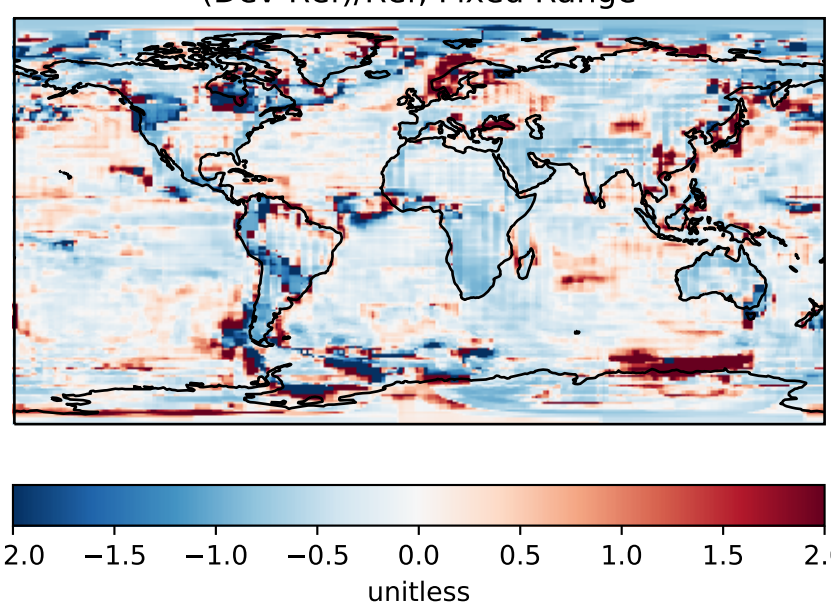
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

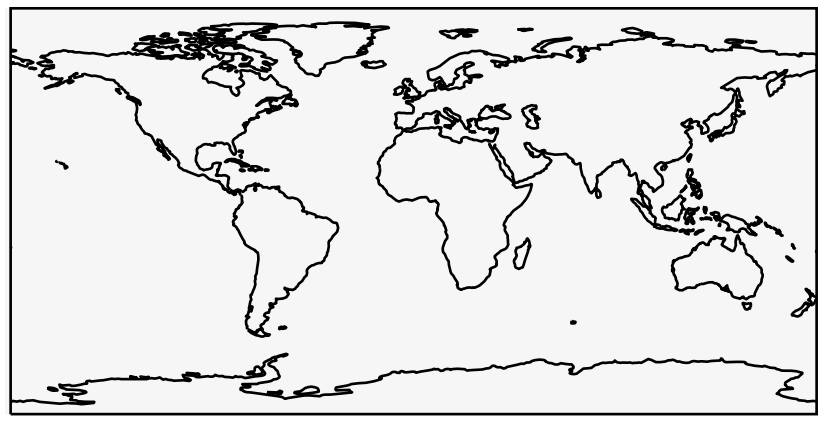


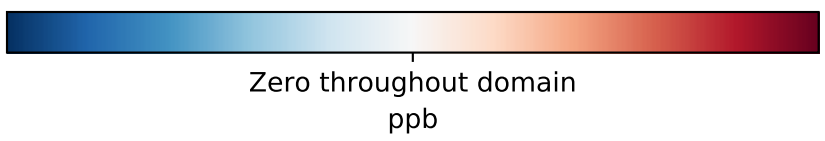
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



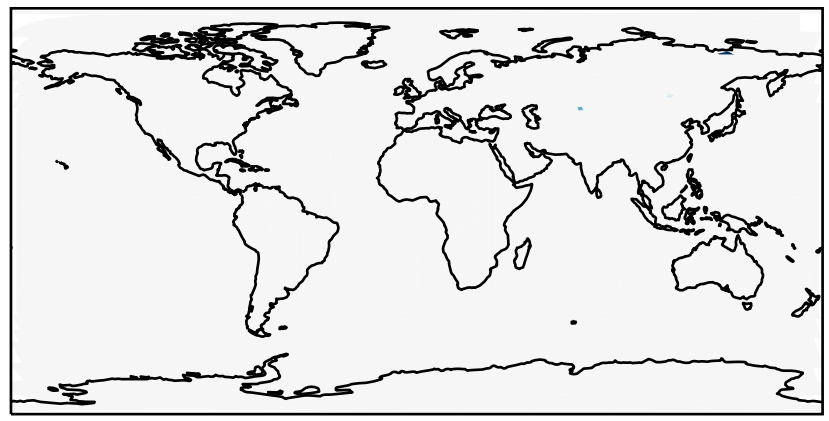
SpeciesConc_SALA

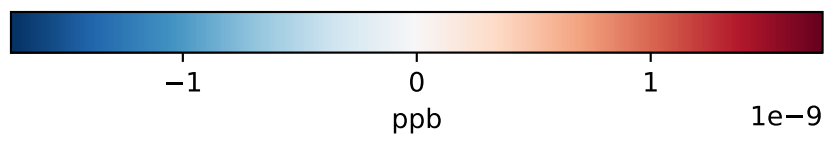
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



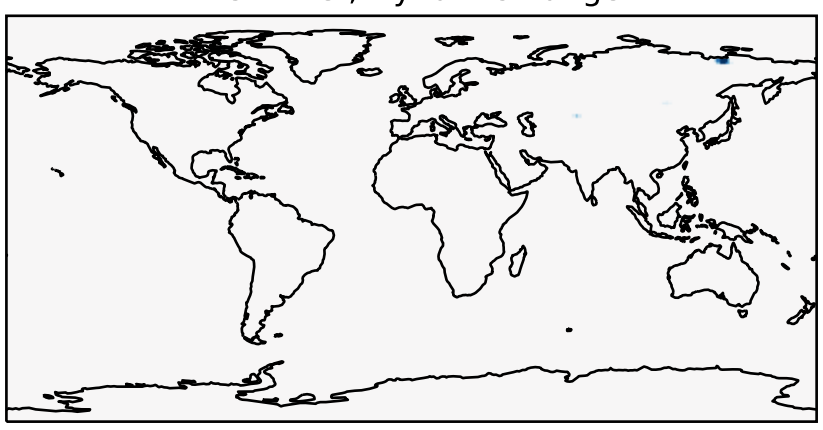


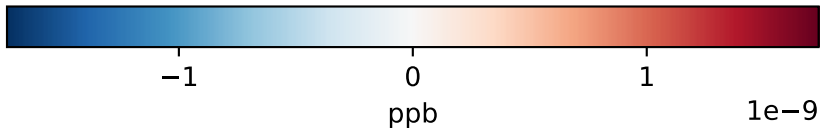
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



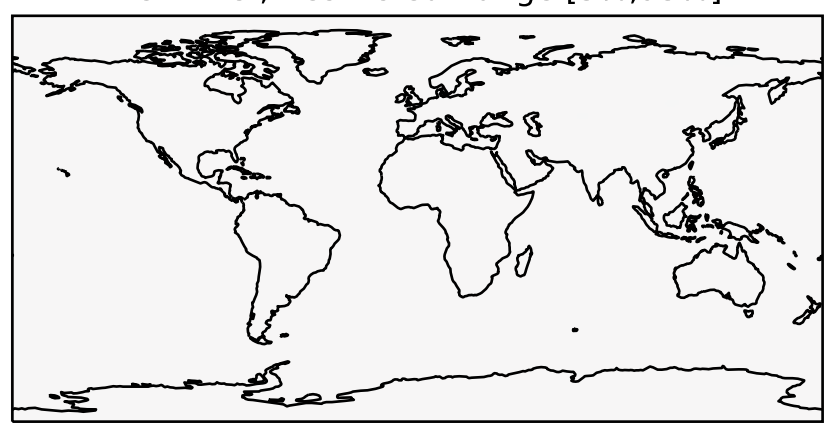


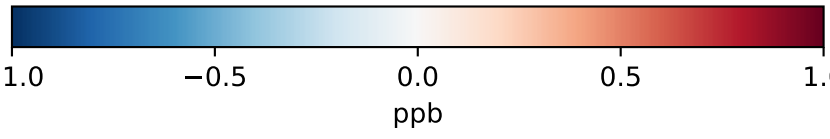
Difference (1x1.25)
Dev - Ref, Dynamic Range



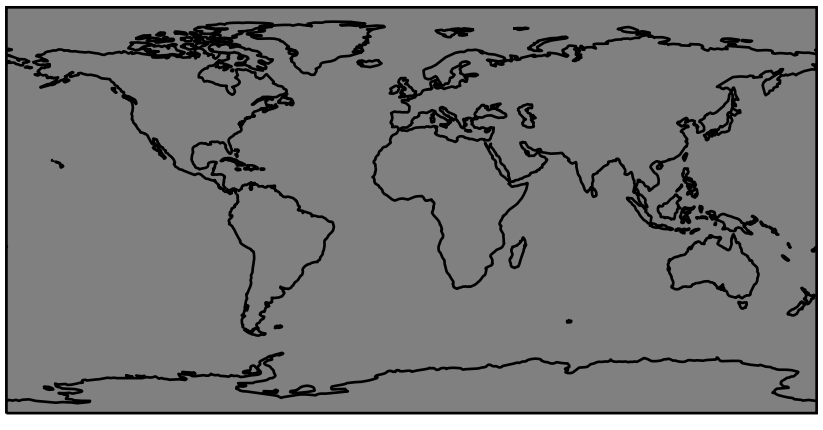


Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

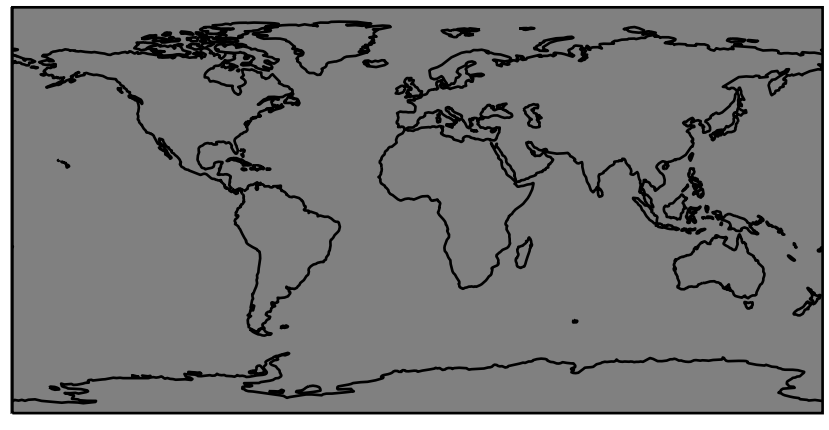




Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

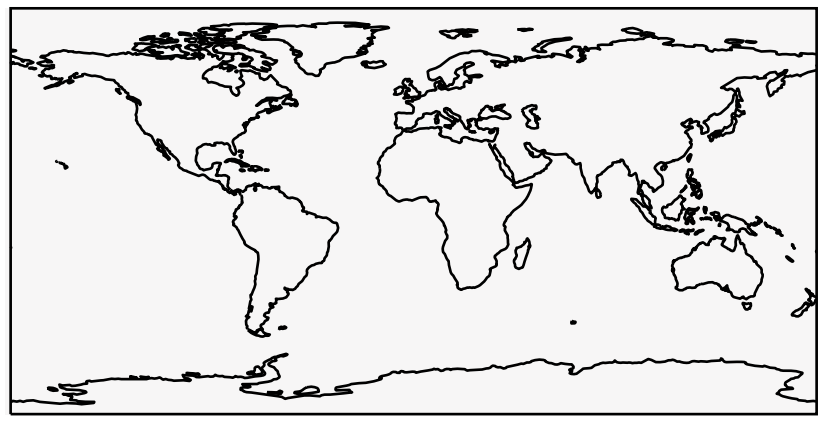


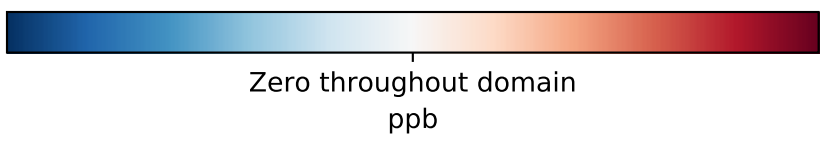
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



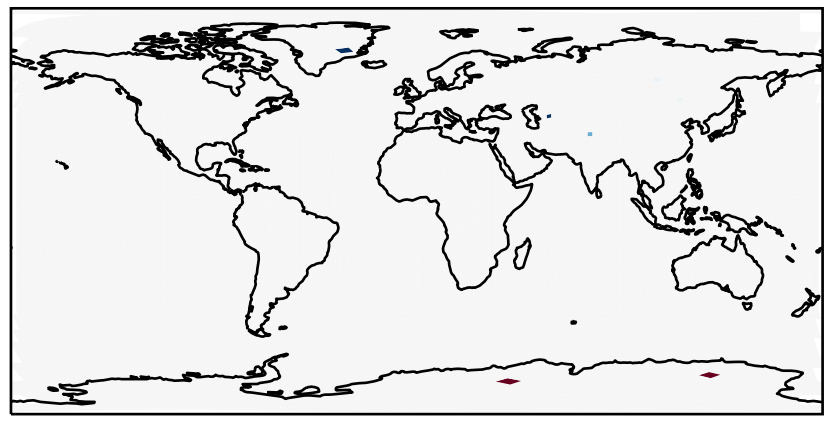
SpeciesConc_SALC

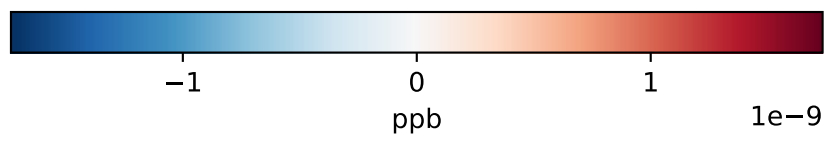
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



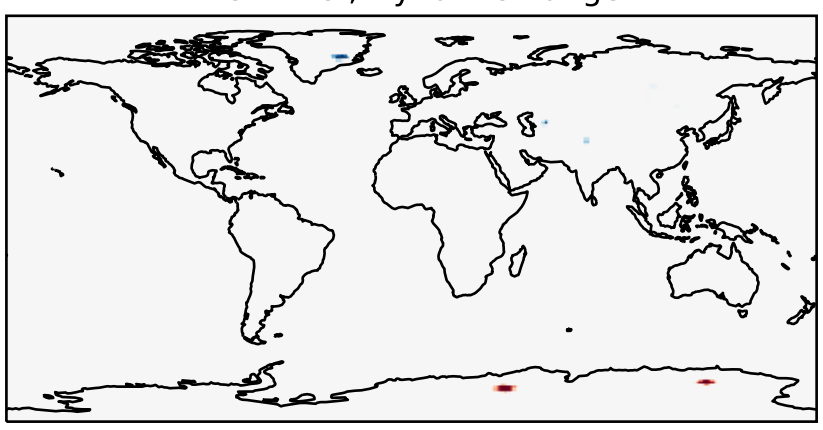


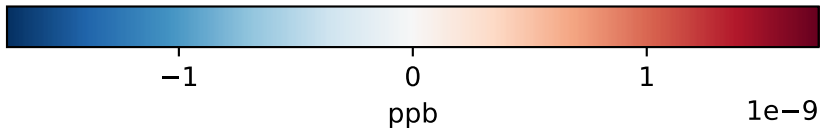
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



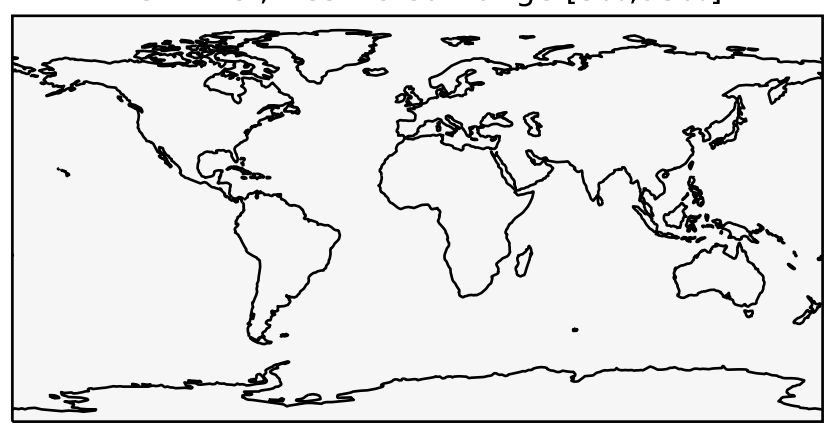


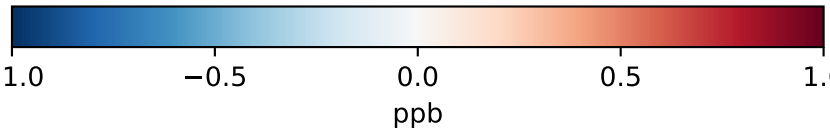
Difference (1x1.25)
Dev - Ref, Dynamic Range



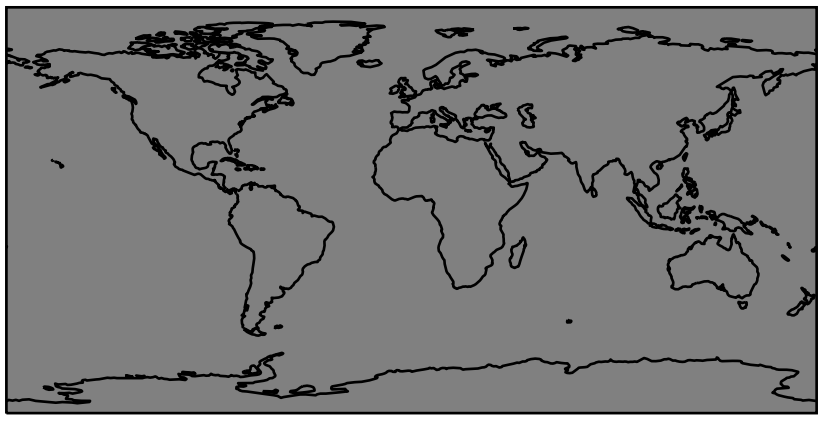


Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

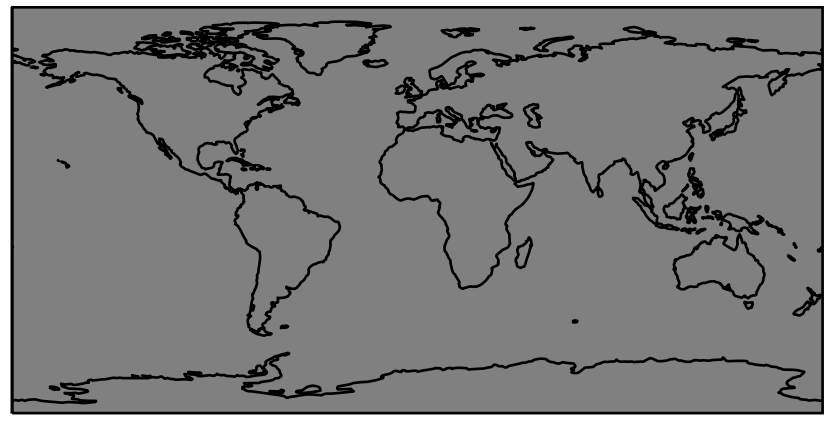




Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range

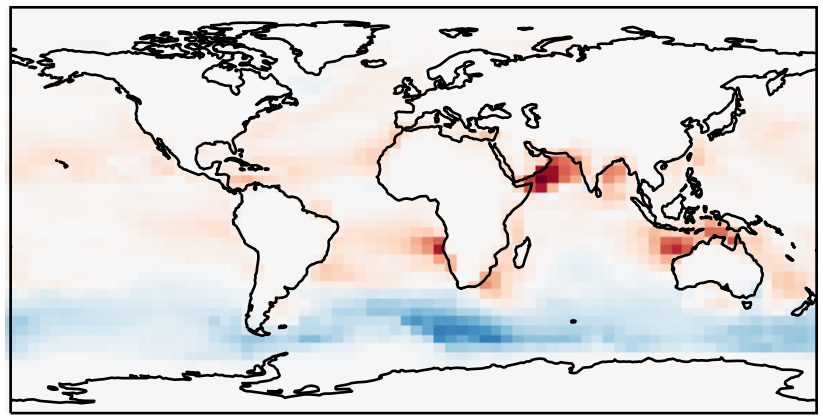


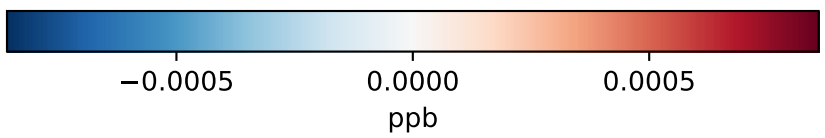
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



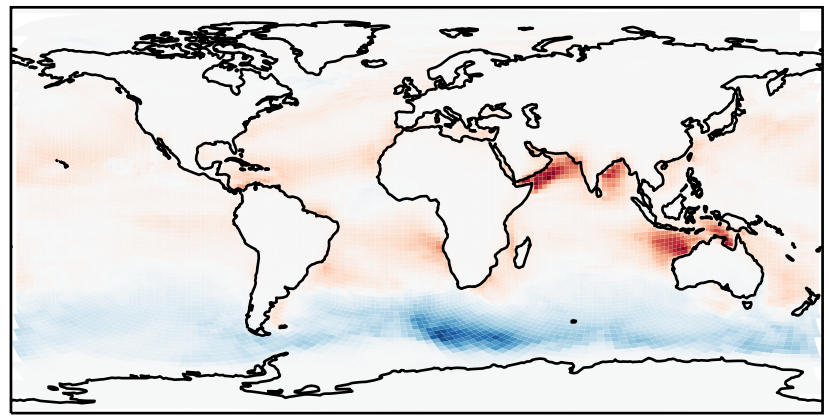
SpeciesConc_SO4s

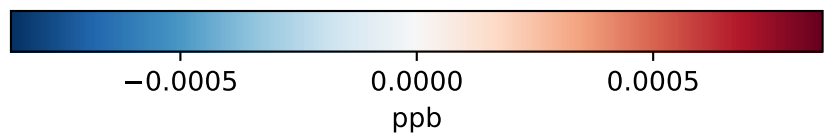
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



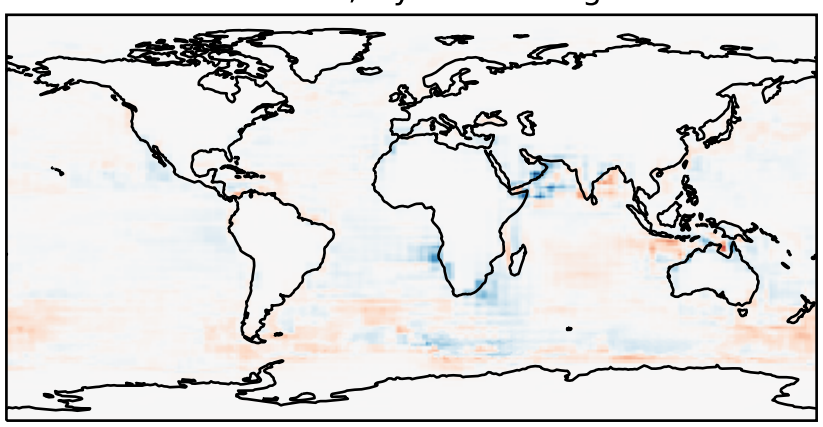


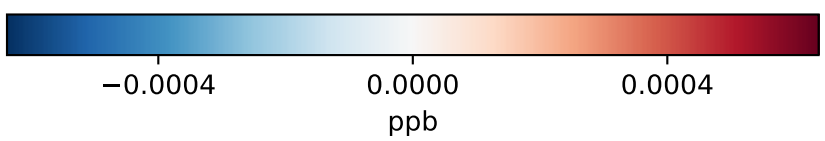
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



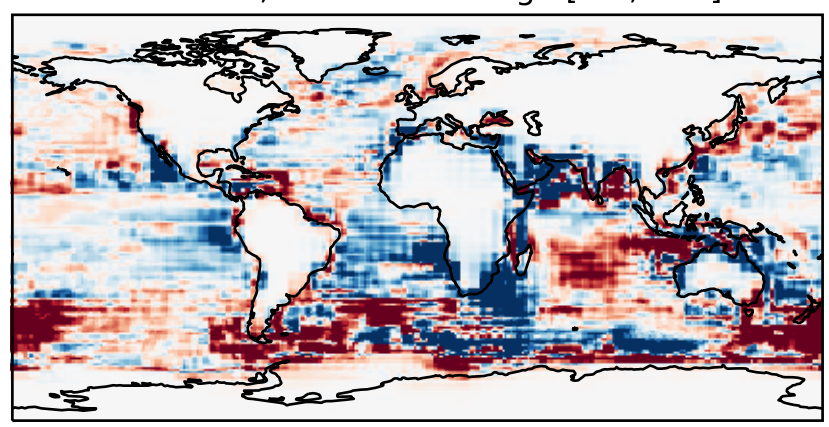


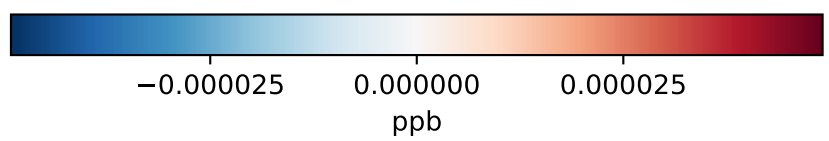
Difference (1x1.25)
Dev - Ref, Dynamic Range



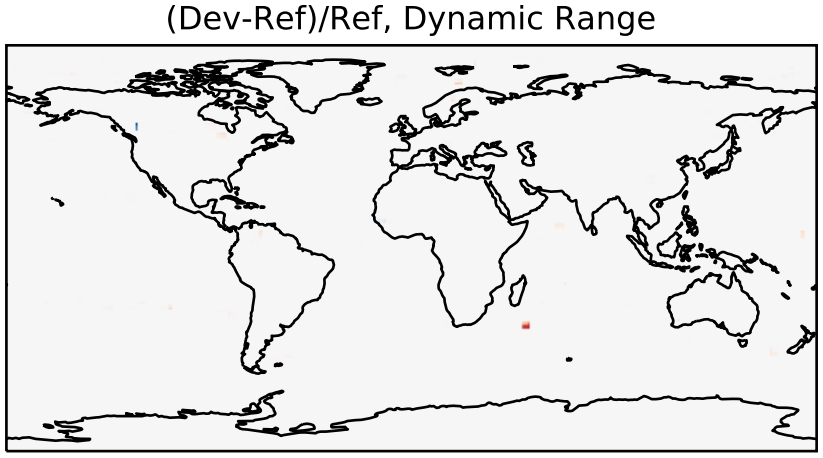


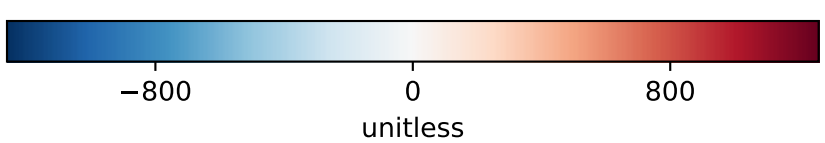
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



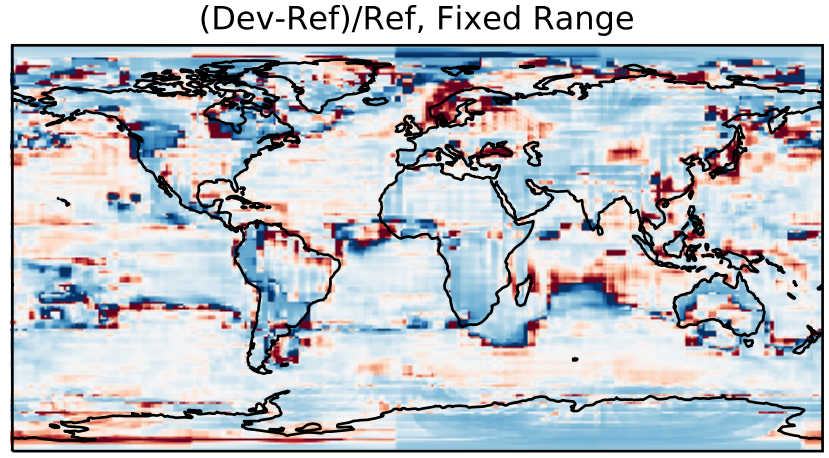


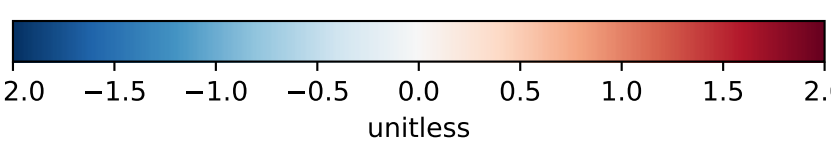
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range





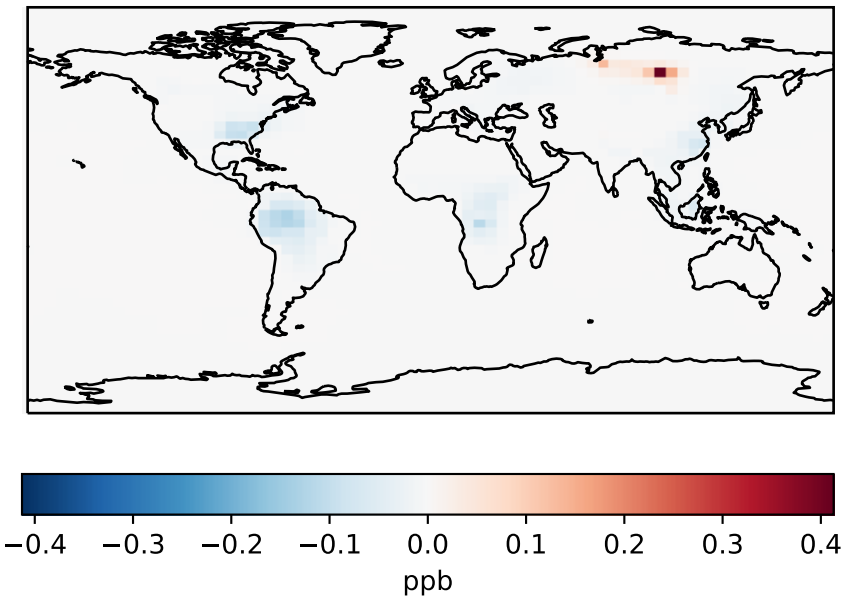
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



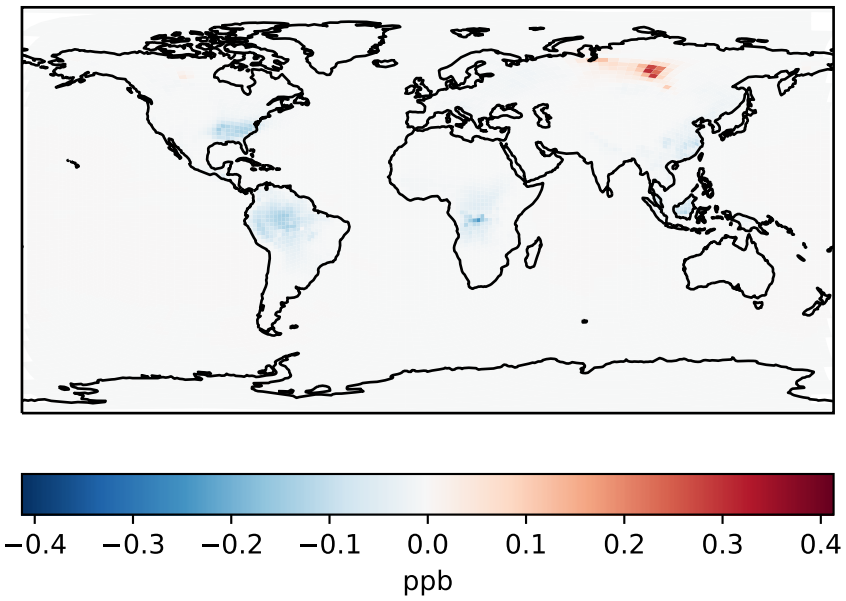


SpeciesConc_Complex_SOA

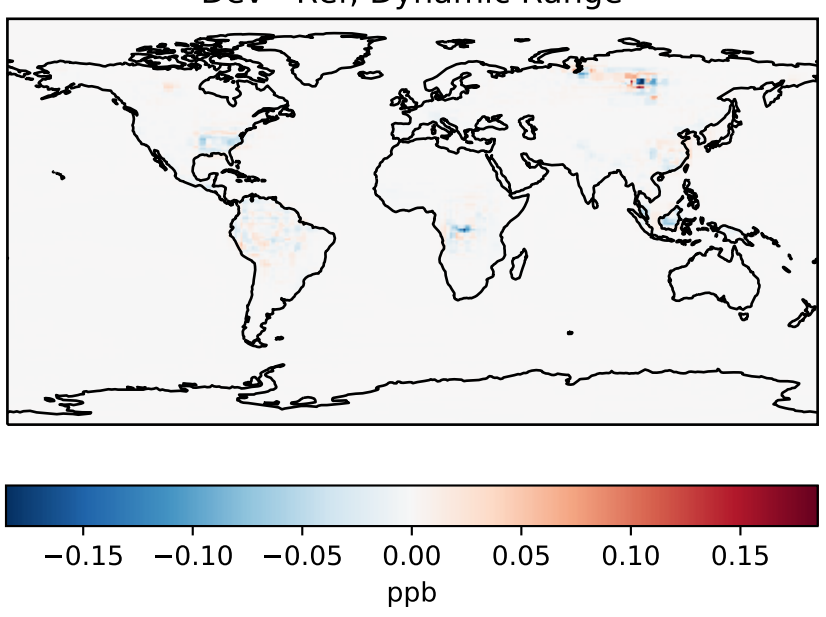
GC_12.6.0 - GC_12.5.0 (Ref)
4x5



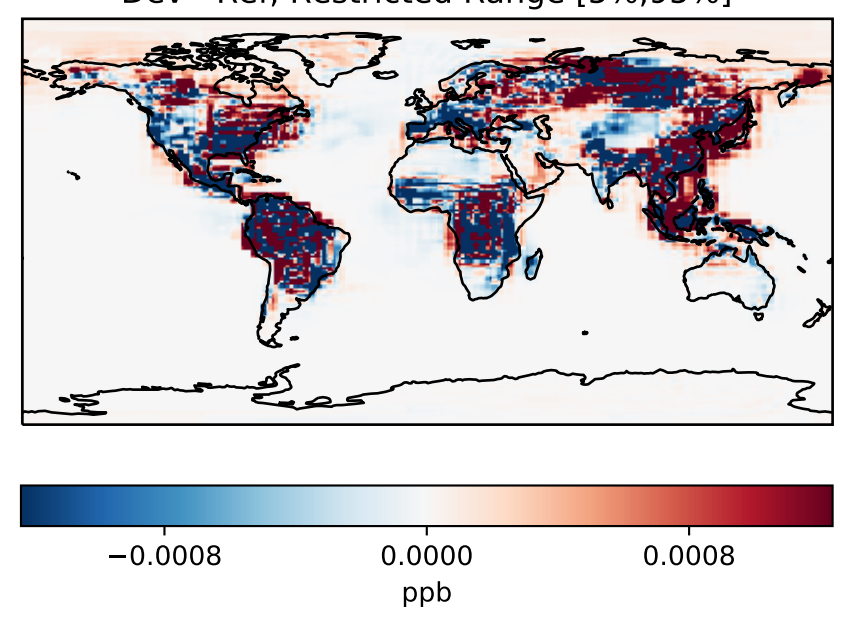
GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



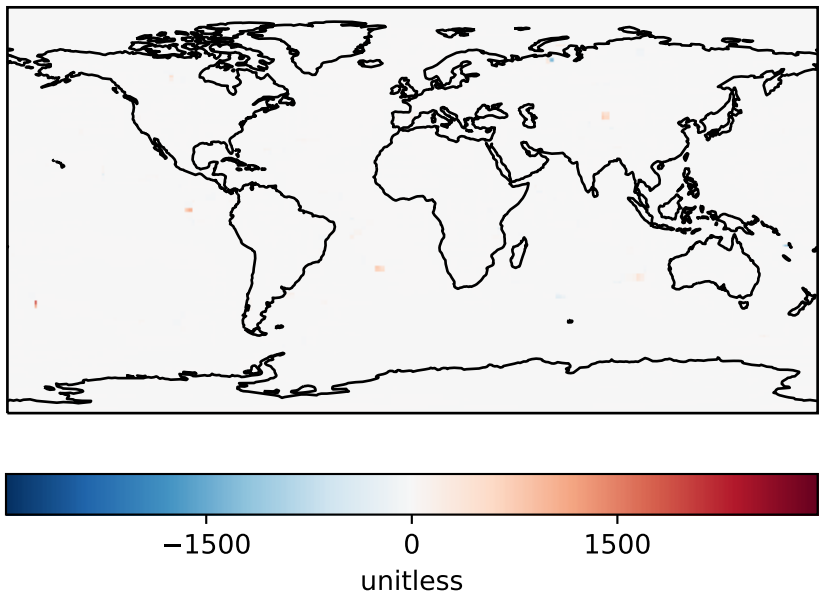
Difference (1x1.25)
Dev - Ref, Dynamic Range



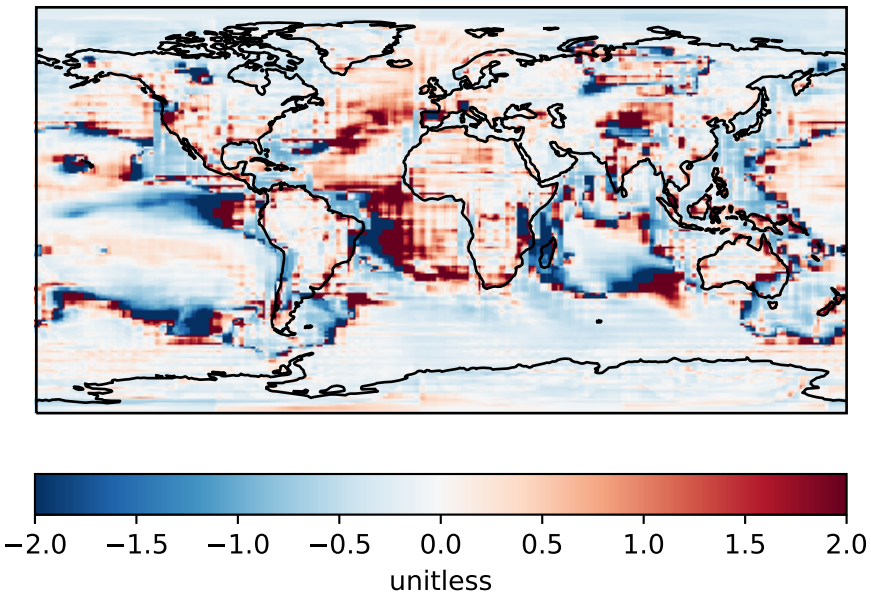
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

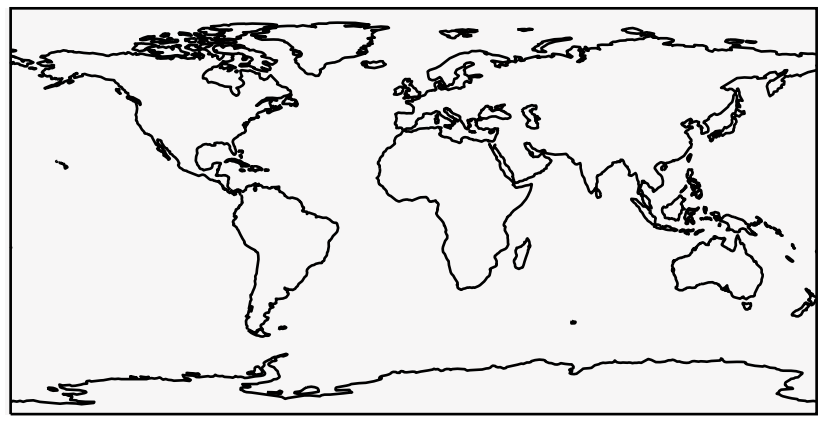


Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



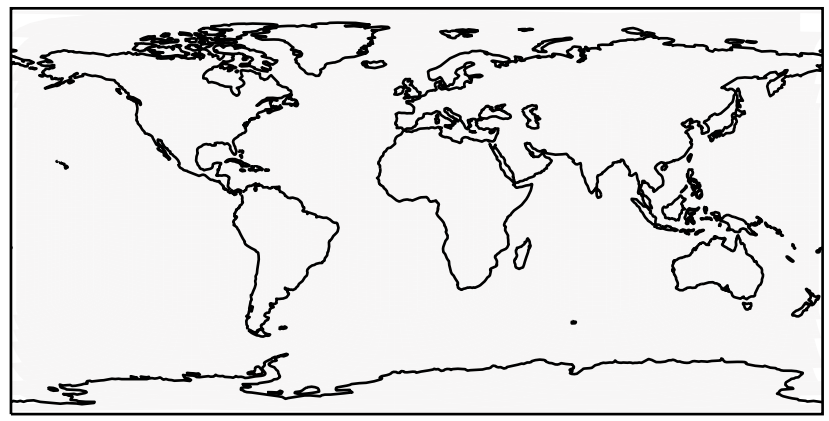
SpeciesConc_Simple_SOA

GC_12.6.0 - GC_12.5.0 (Ref)
4x5



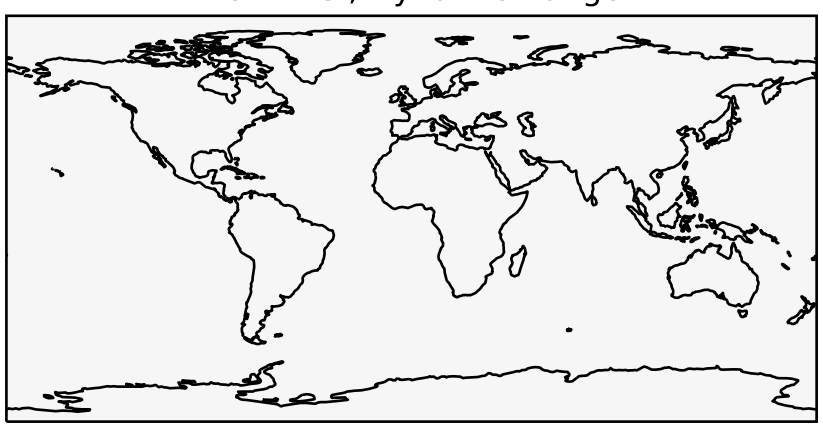
Zero throughout domain
ppb

GCHP_12.6.0 - GCHP_12.5.0 (Dev)
c48



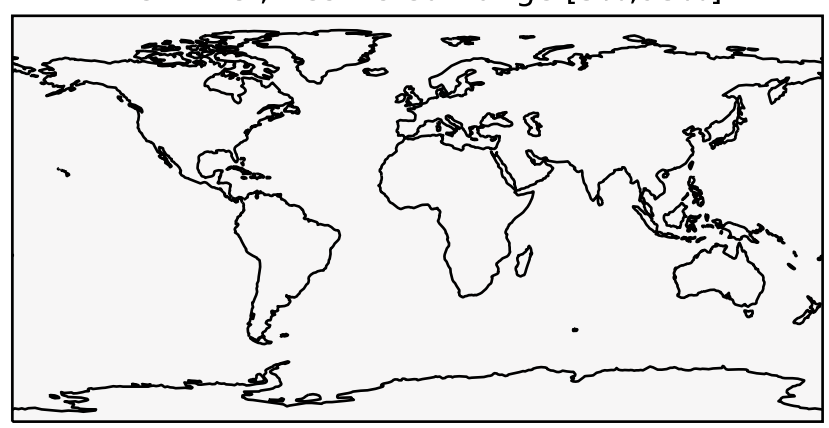
Zero throughout domain
ppb

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



Zero throughout domain
ppb

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



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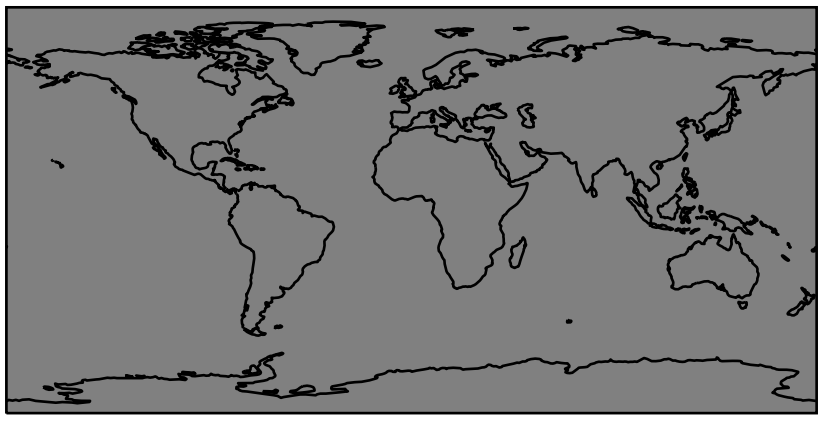
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Dynamic Range



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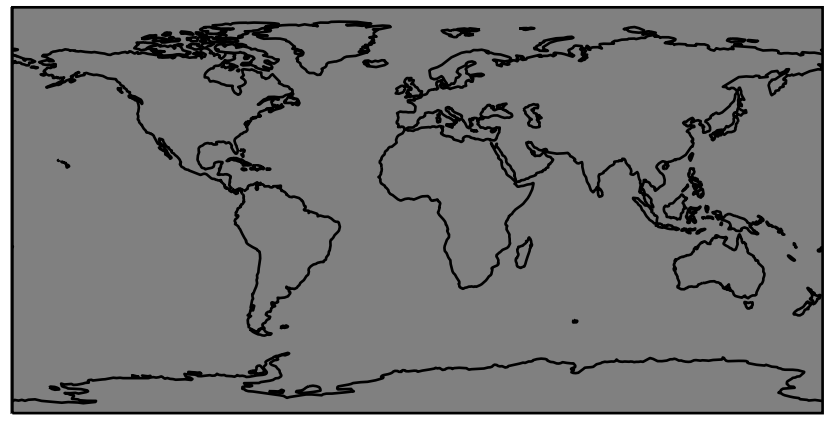
Fractional Difference (1x1.25)
(Dev-Ref)/Ref, Fixed Range



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