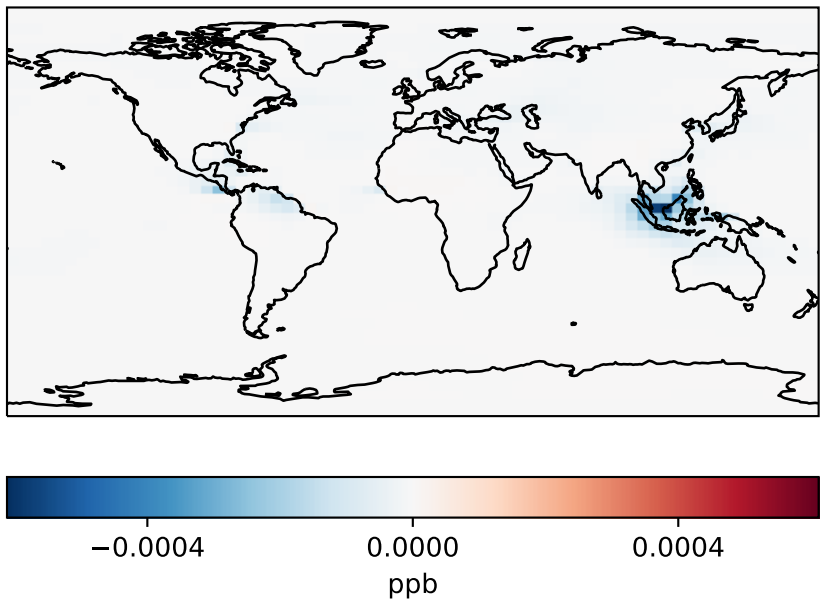
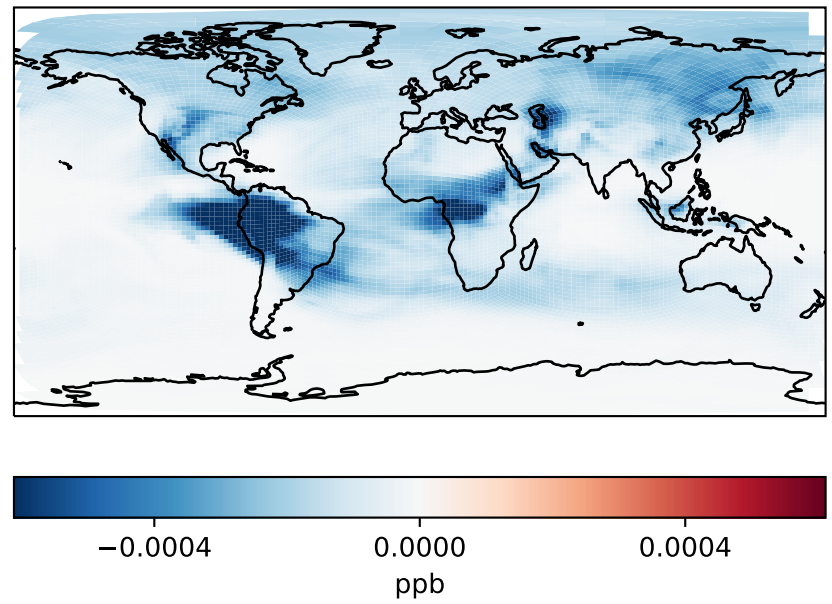
SpeciesConc_TSOA0

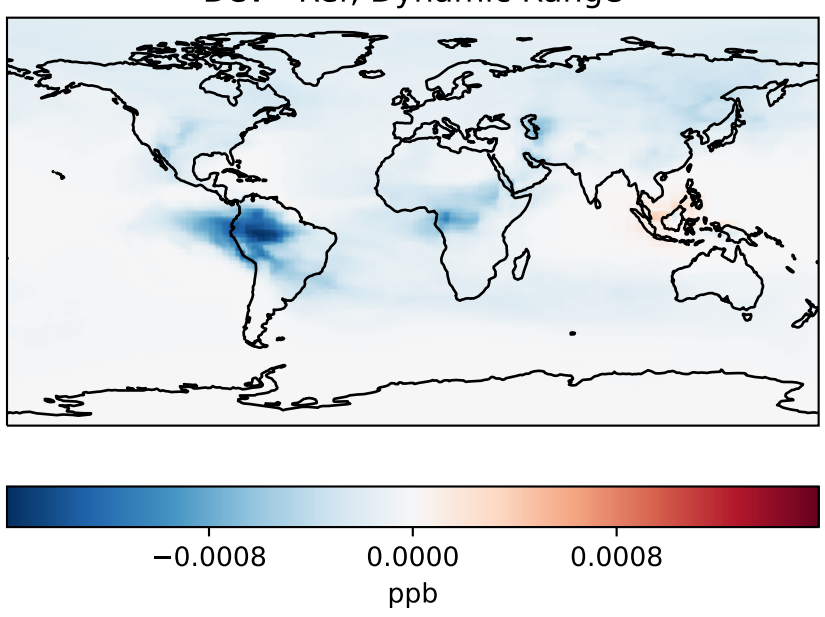
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



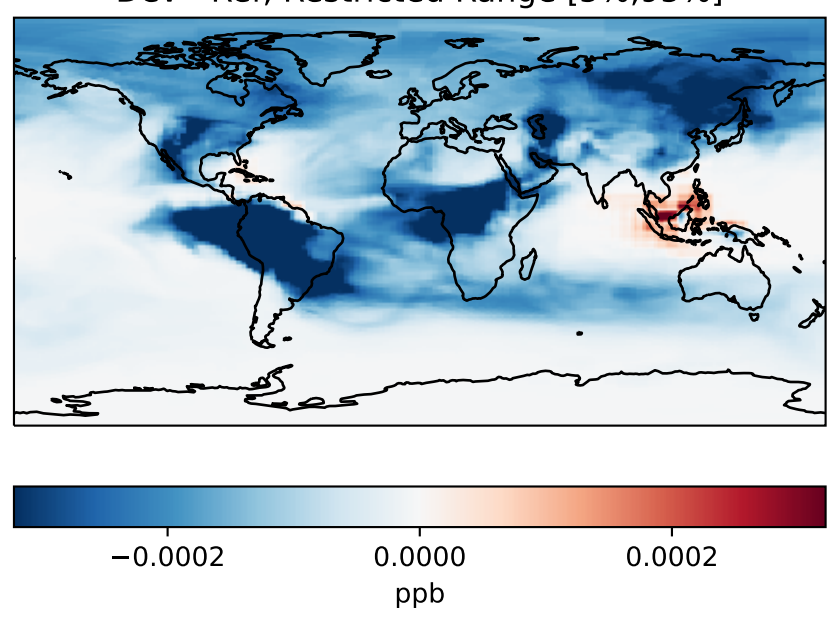
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



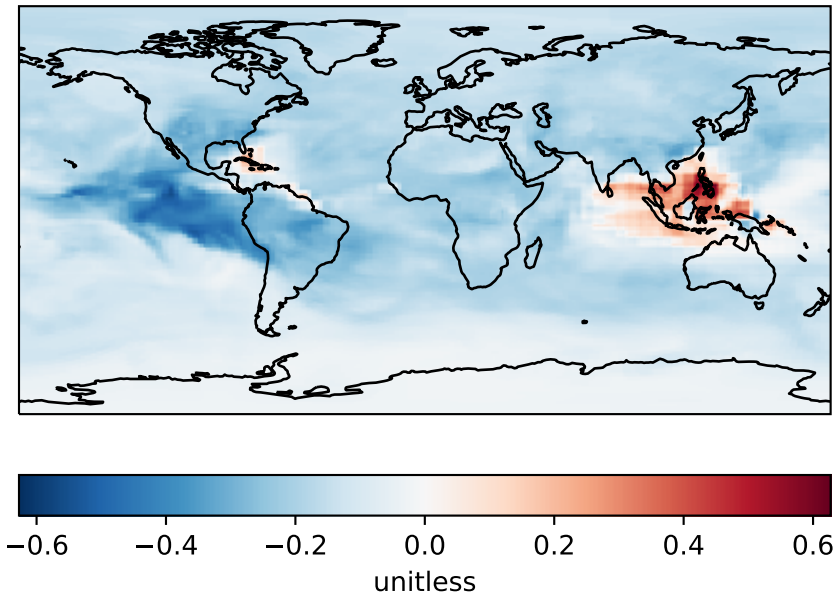
Difference (1x1.25)
Dev - Ref, Dynamic Range



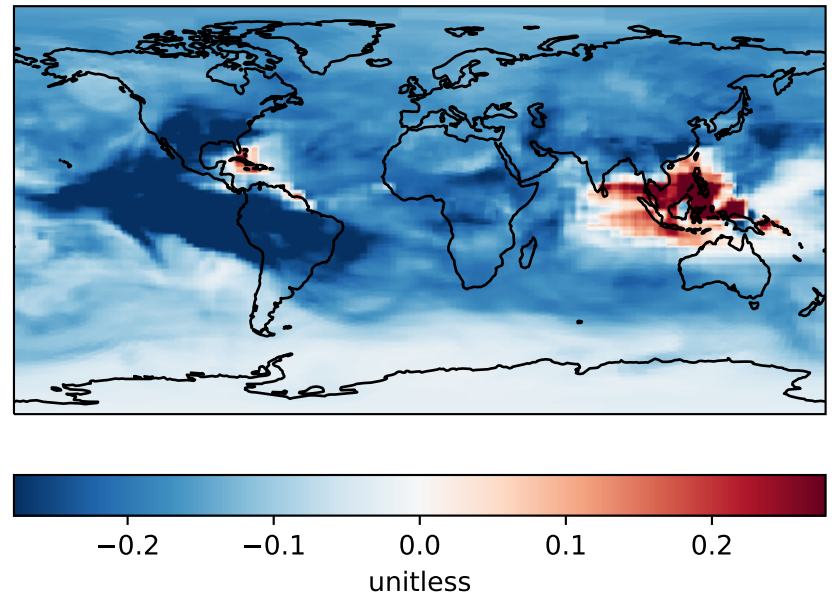
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

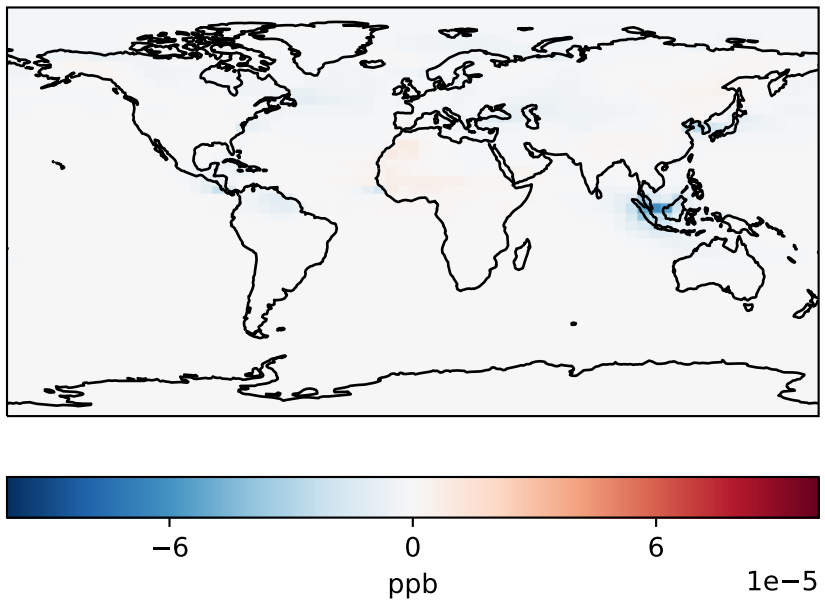


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

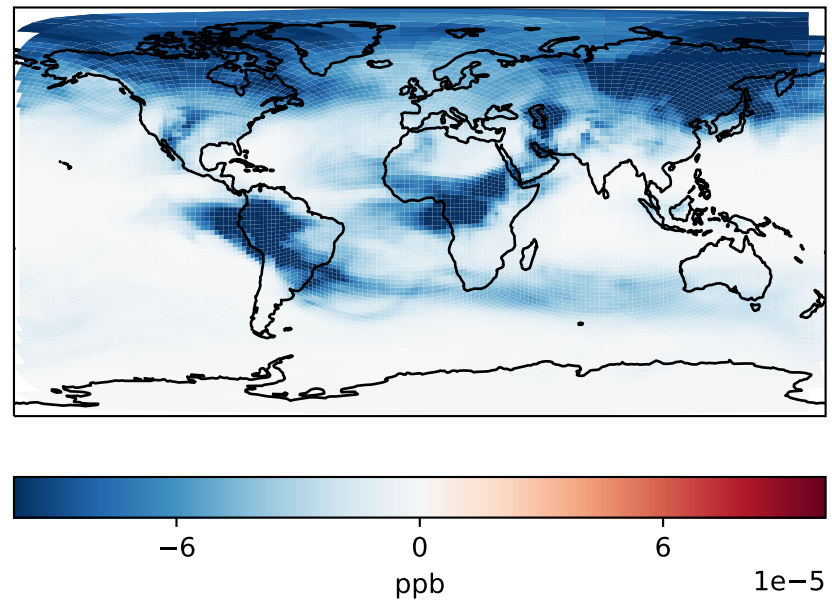


SpeciesConc_TSOA1

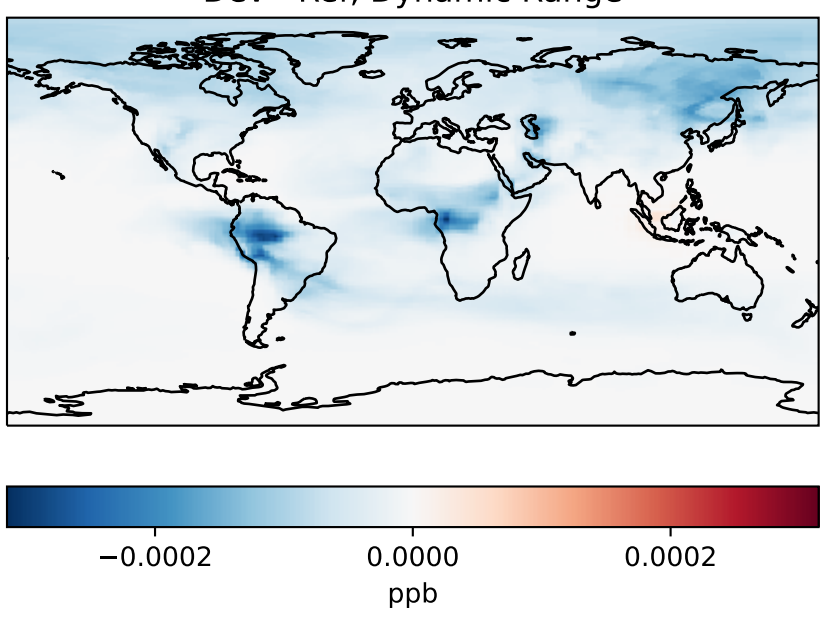
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



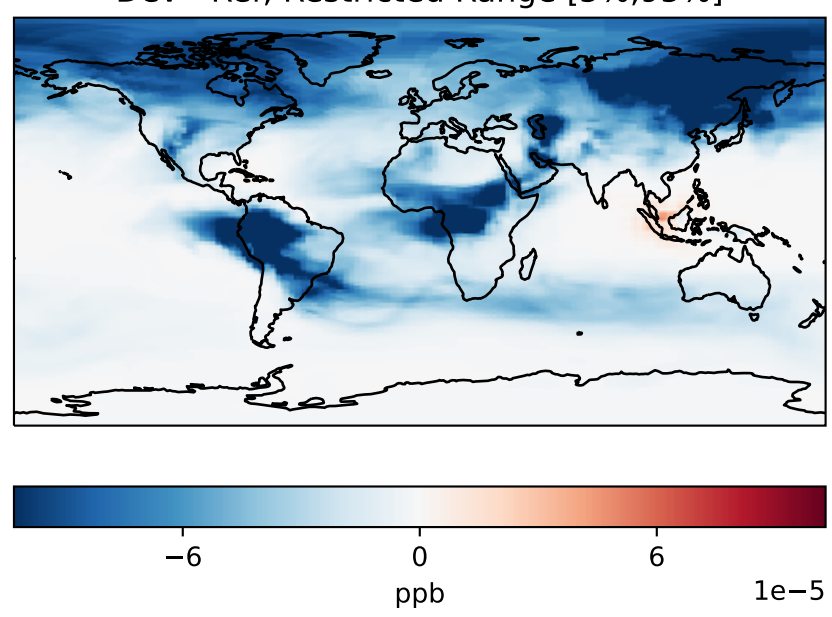
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



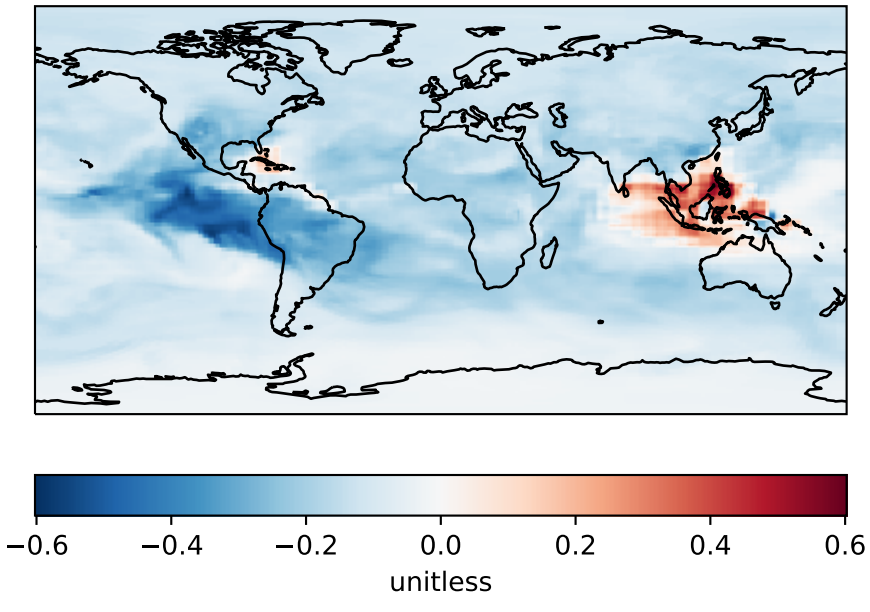
Difference (1x1.25)
Dev - Ref, Dynamic Range



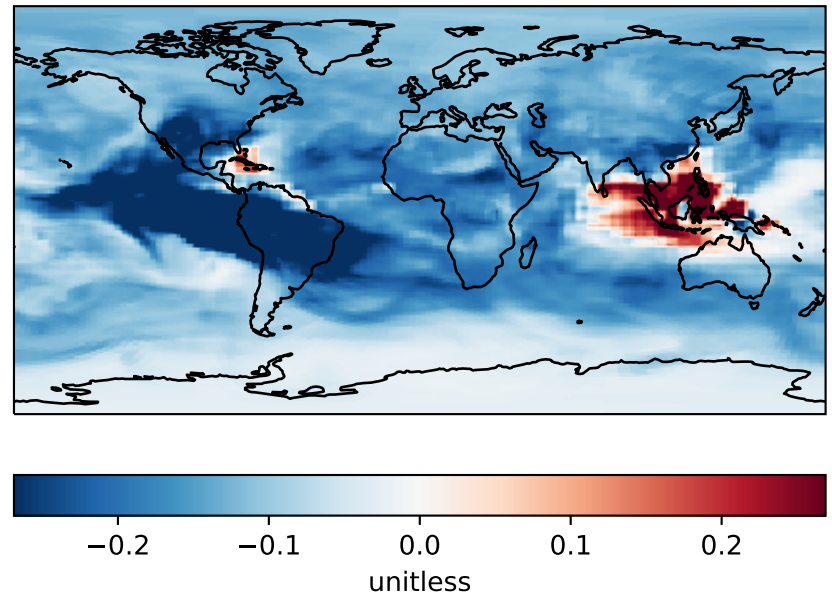
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

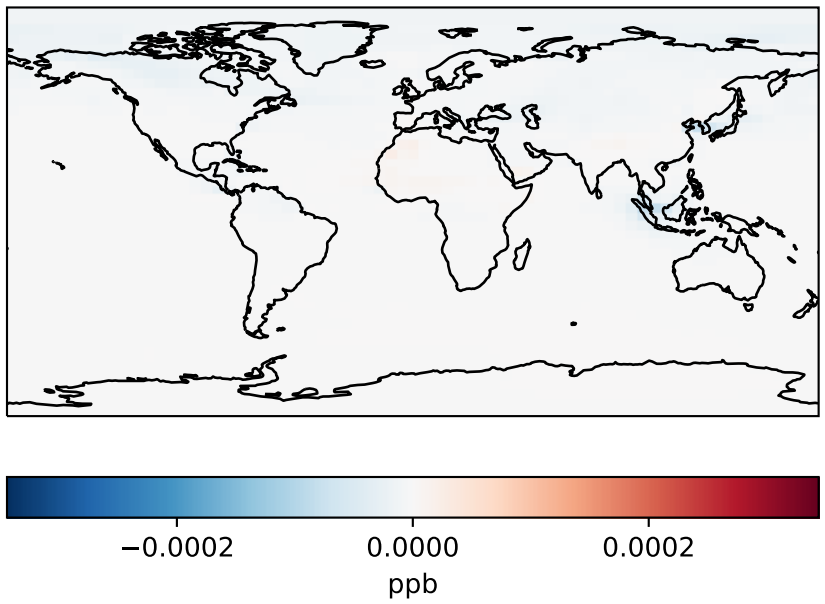


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

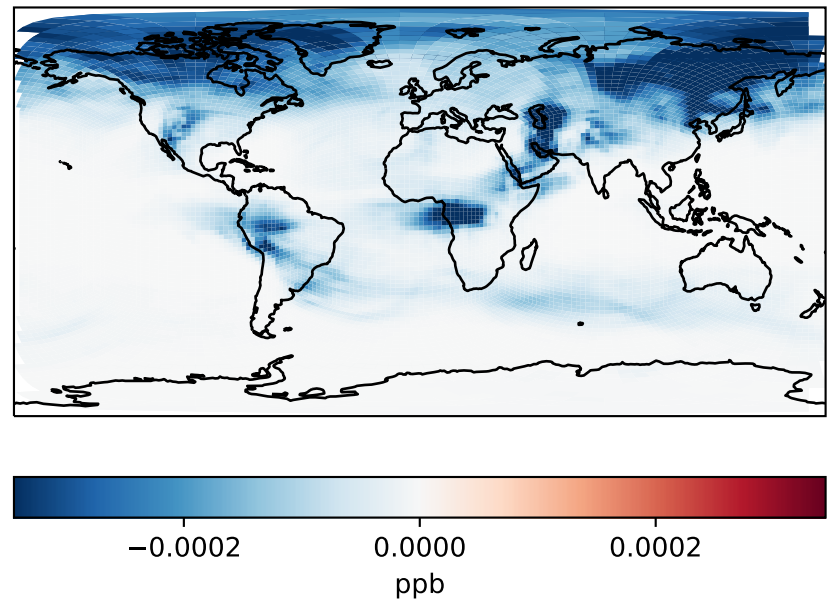


SpeciesConc_TSOA2

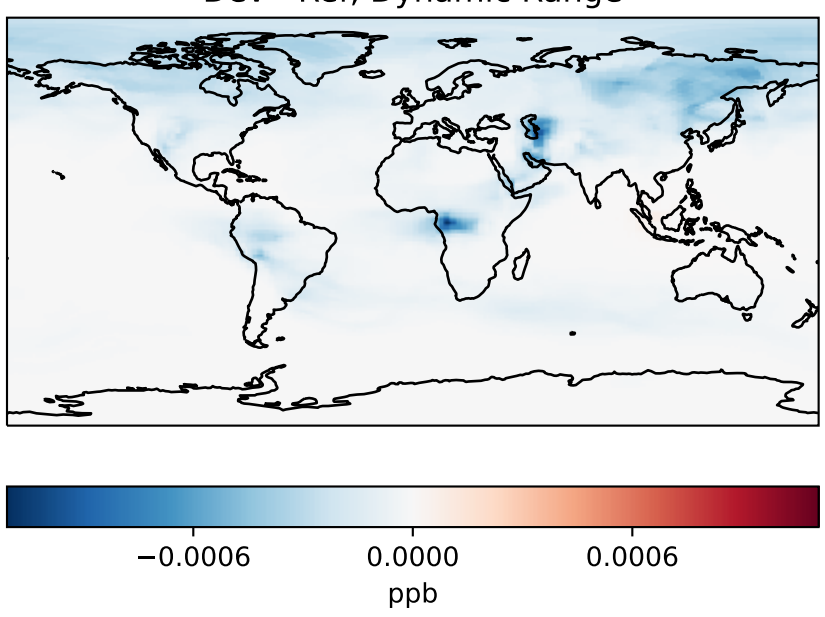
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



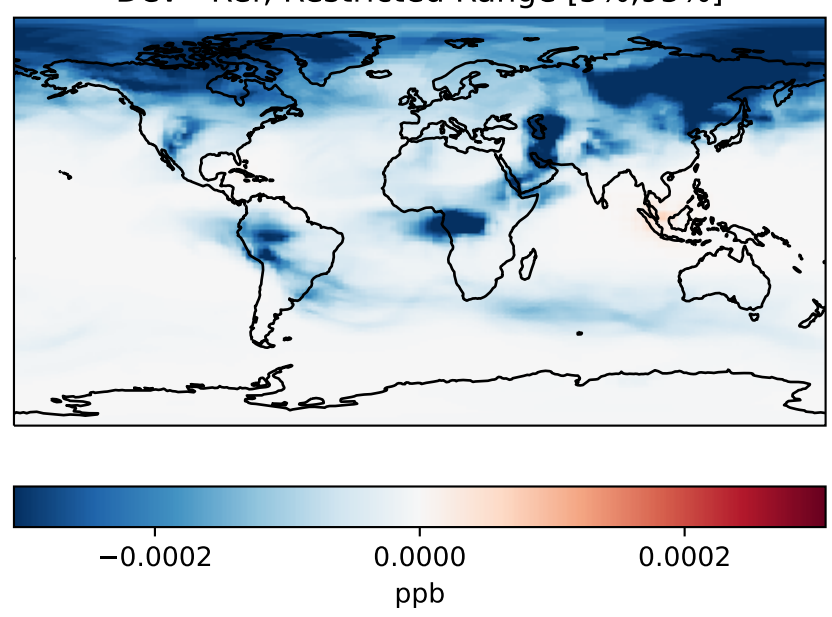
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



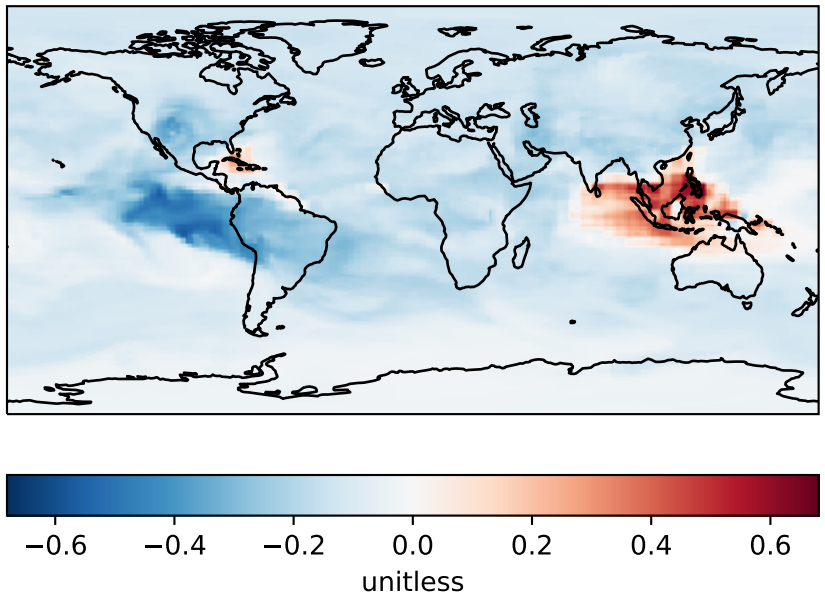
Difference (1x1.25)
Dev - Ref, Dynamic Range



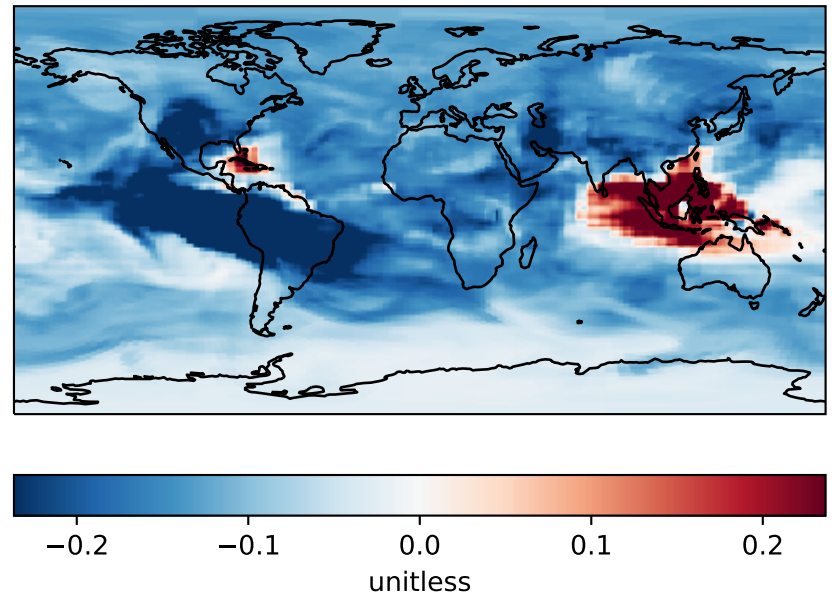
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

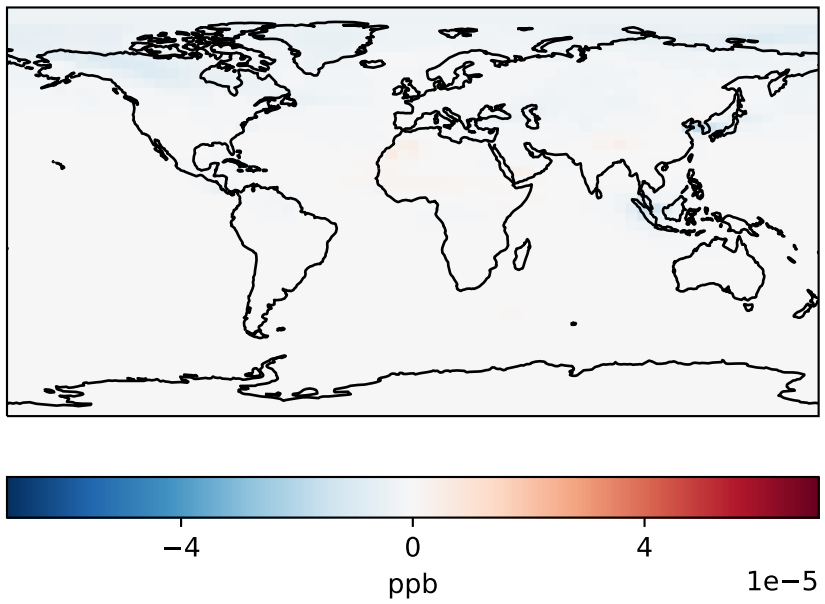


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

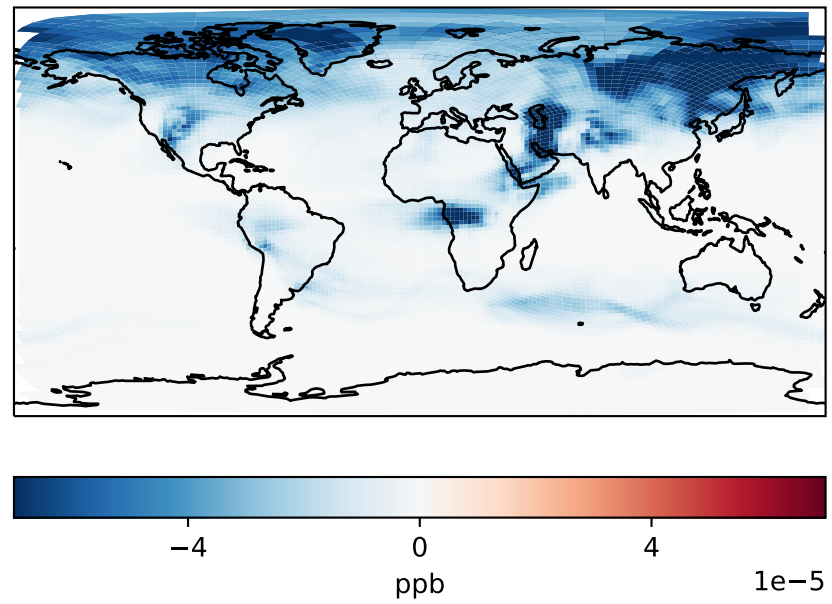


SpeciesConc_TSOA3

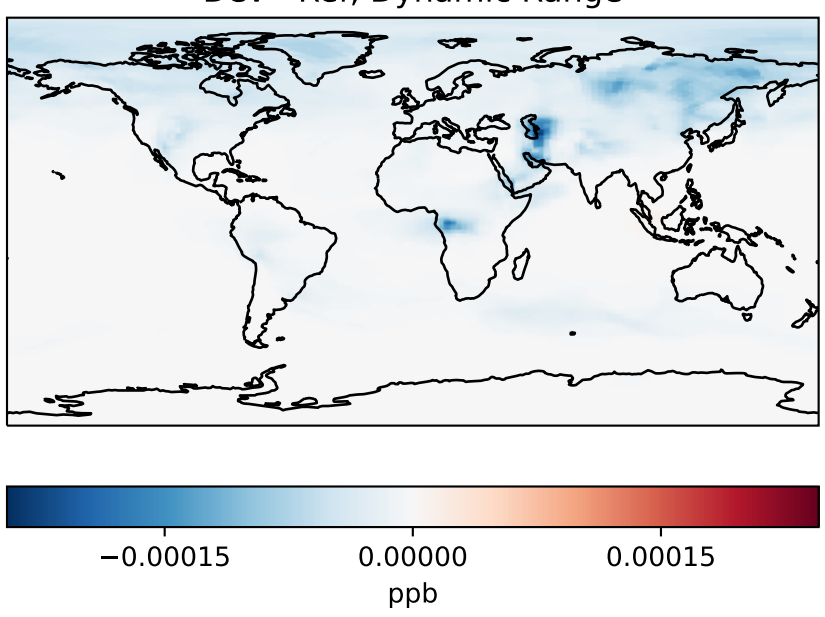
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



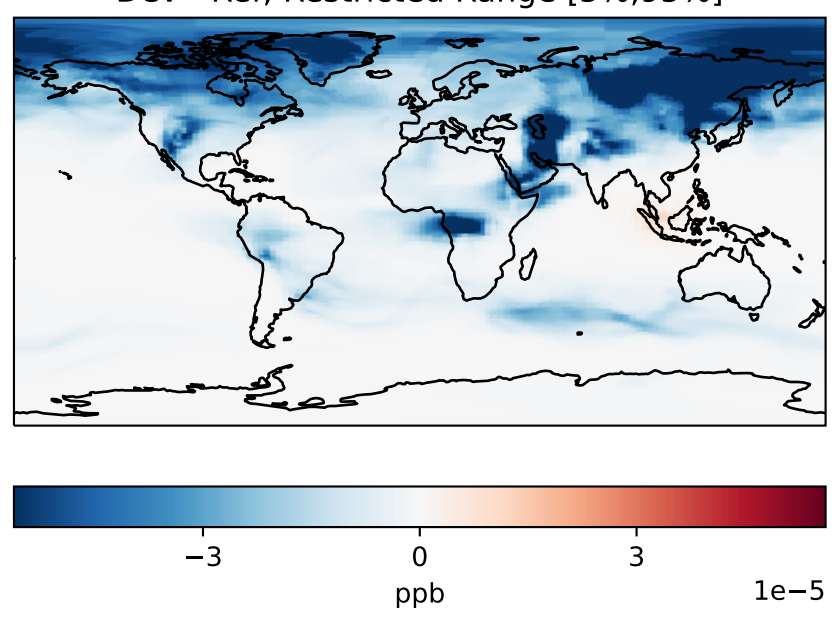
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



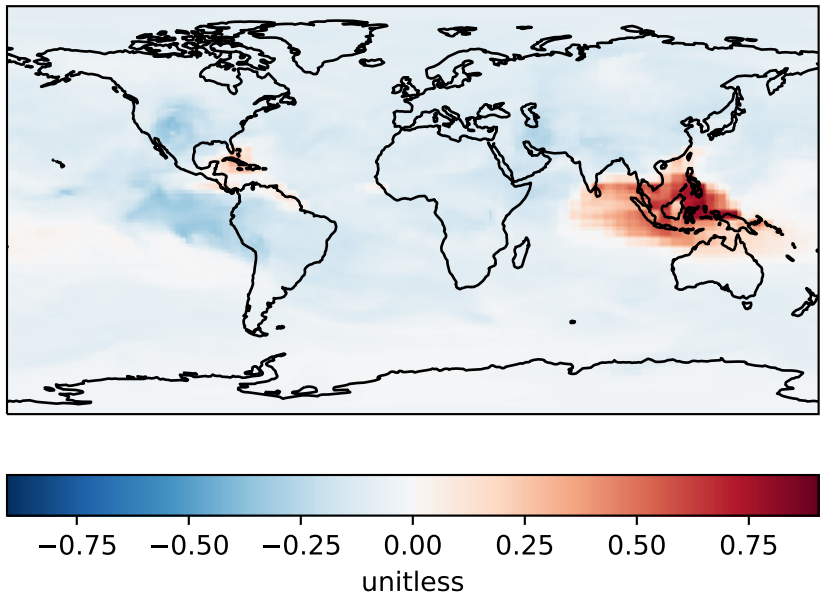
Difference (1x1.25)
Dev - Ref, Dynamic Range



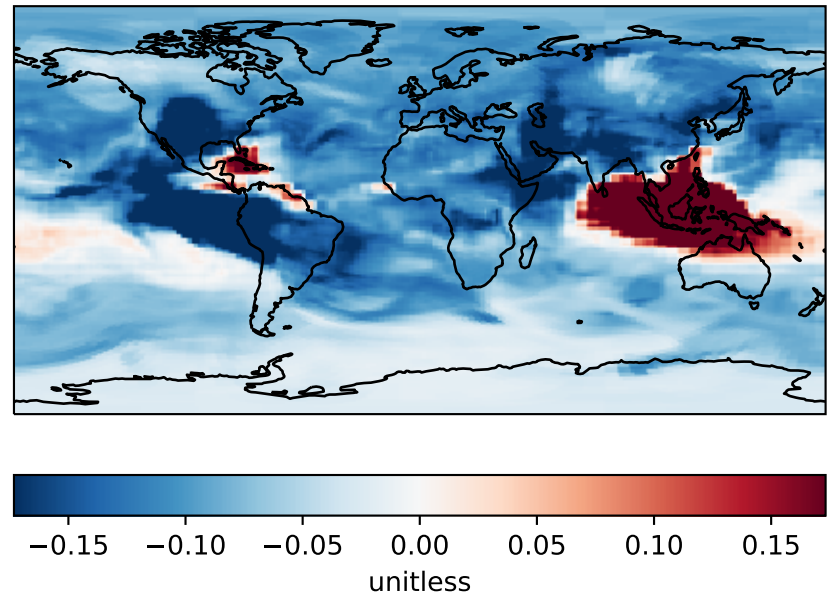
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

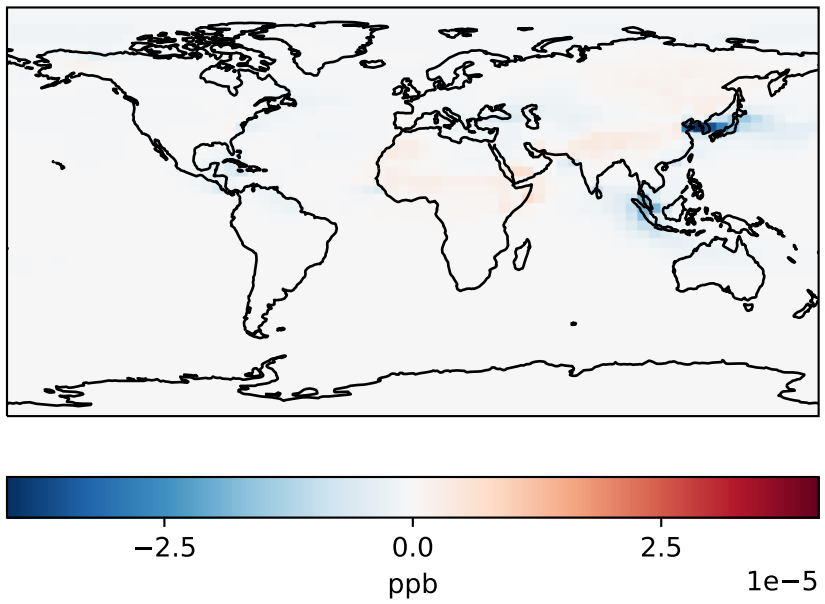


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

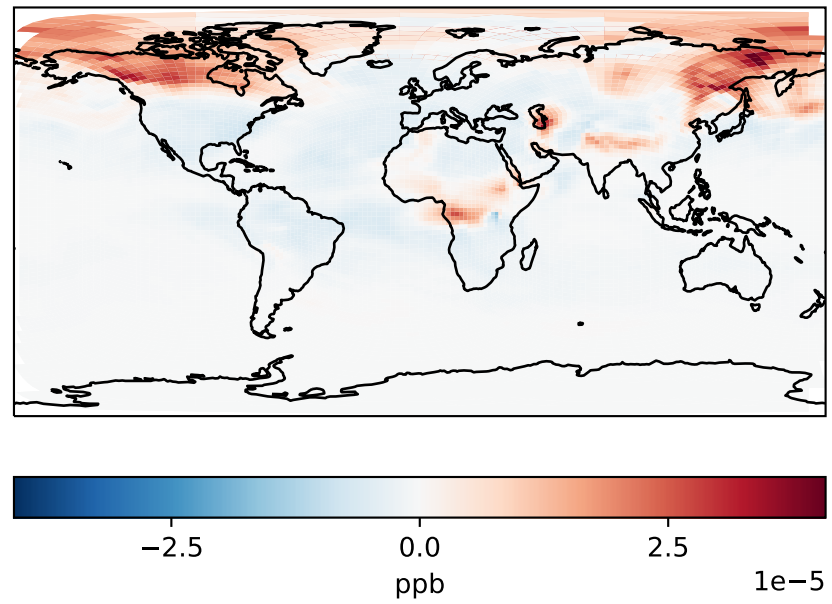


SpeciesConc_ASOA1

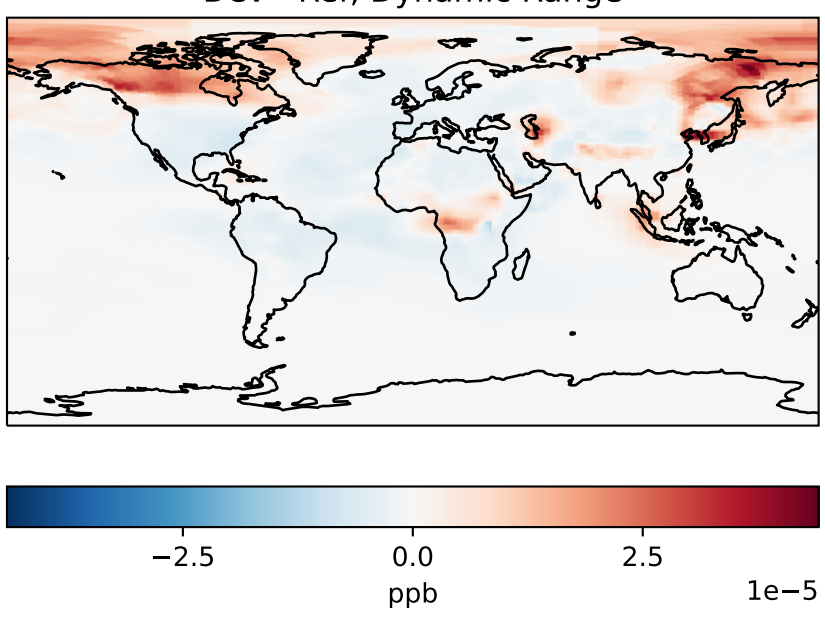
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



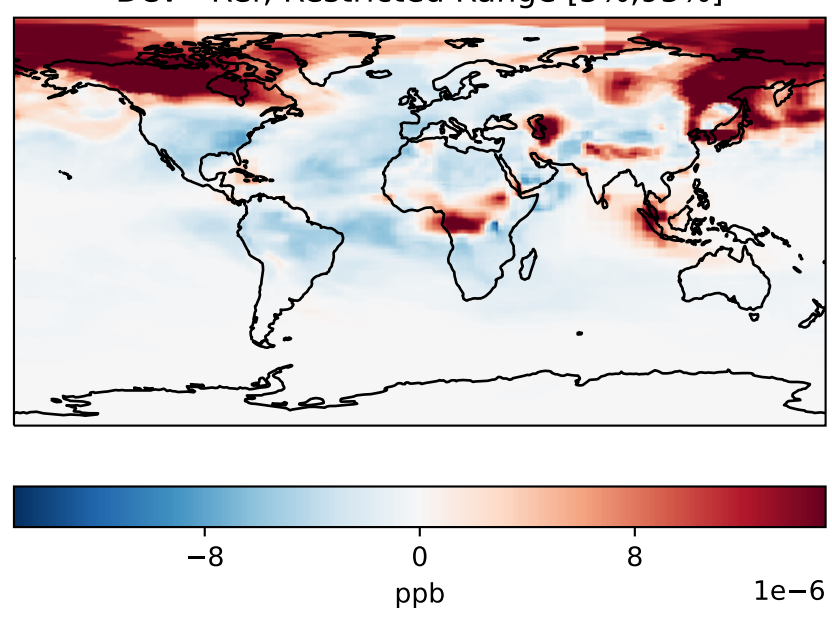
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



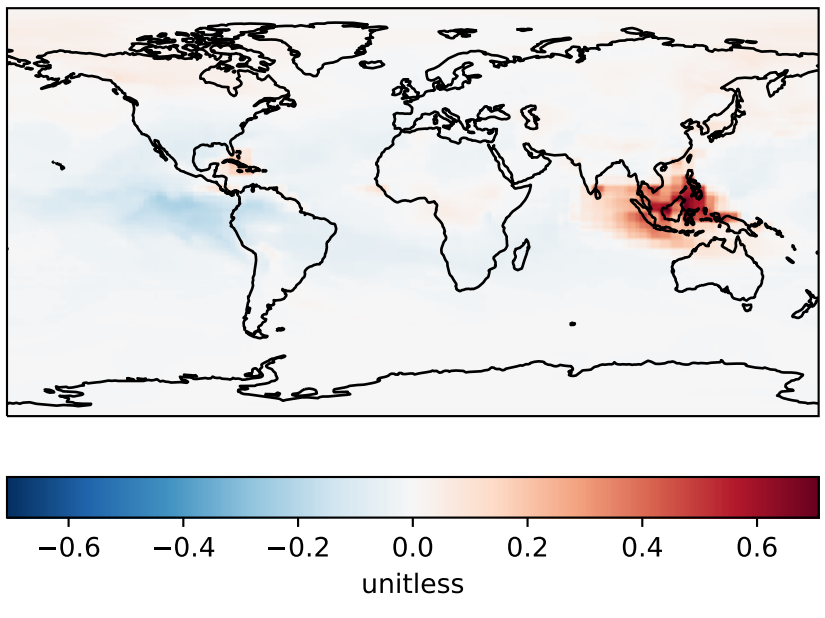
Difference (1x1.25)
Dev - Ref, Dynamic Range



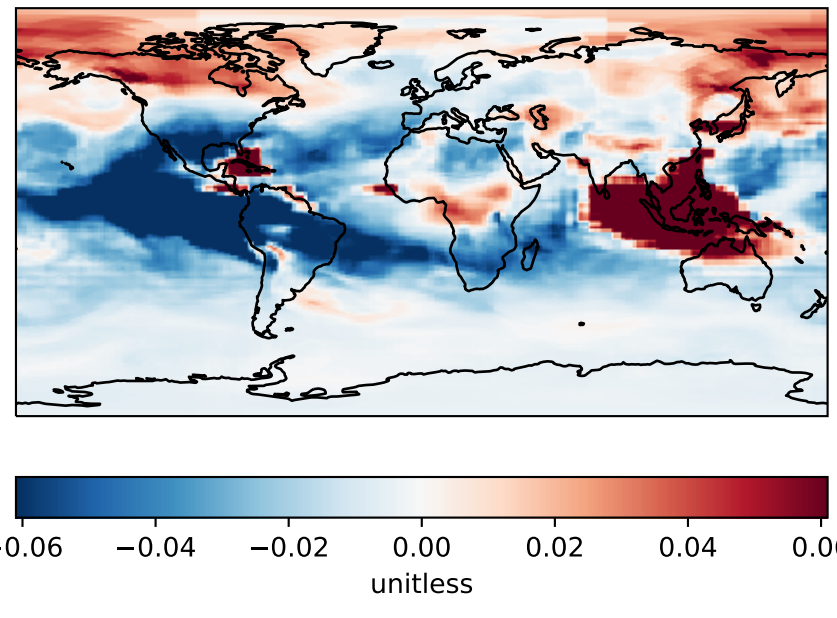
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

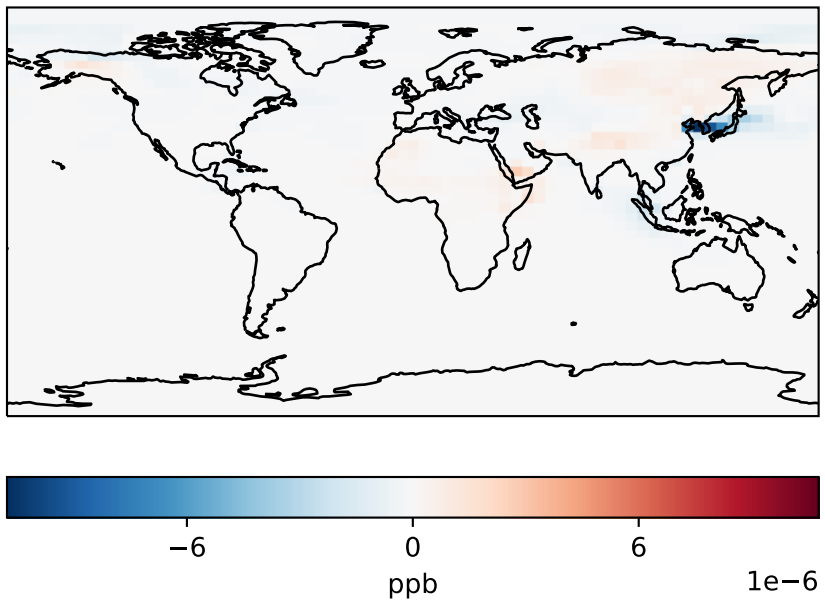


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

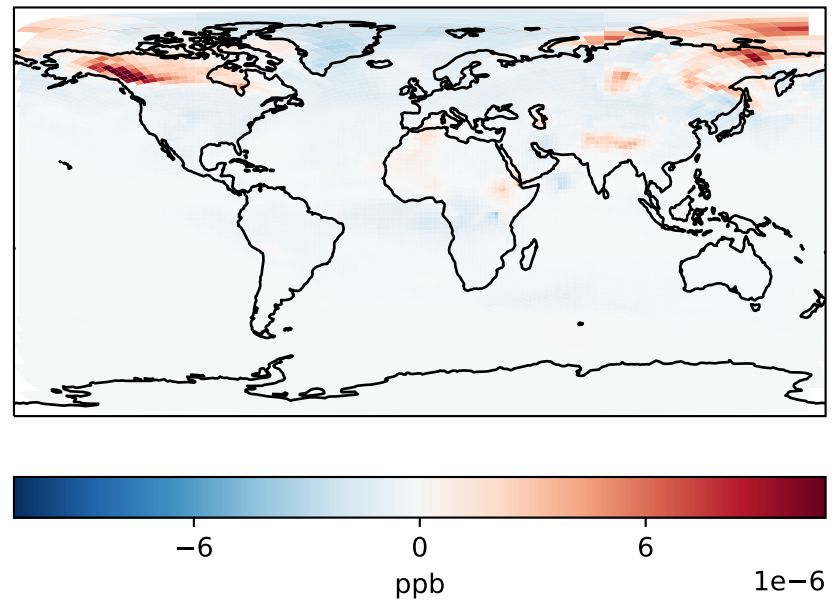


SpeciesConc_ASOA2

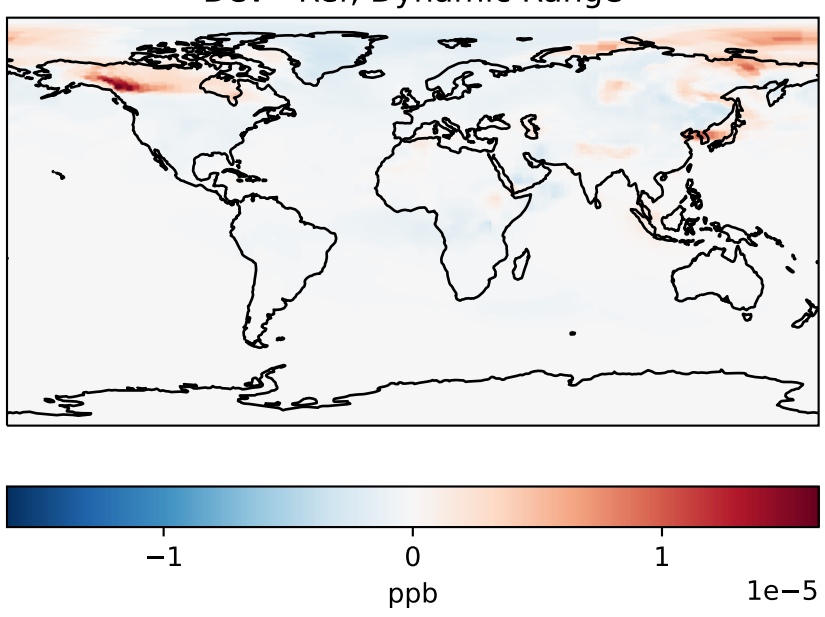
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



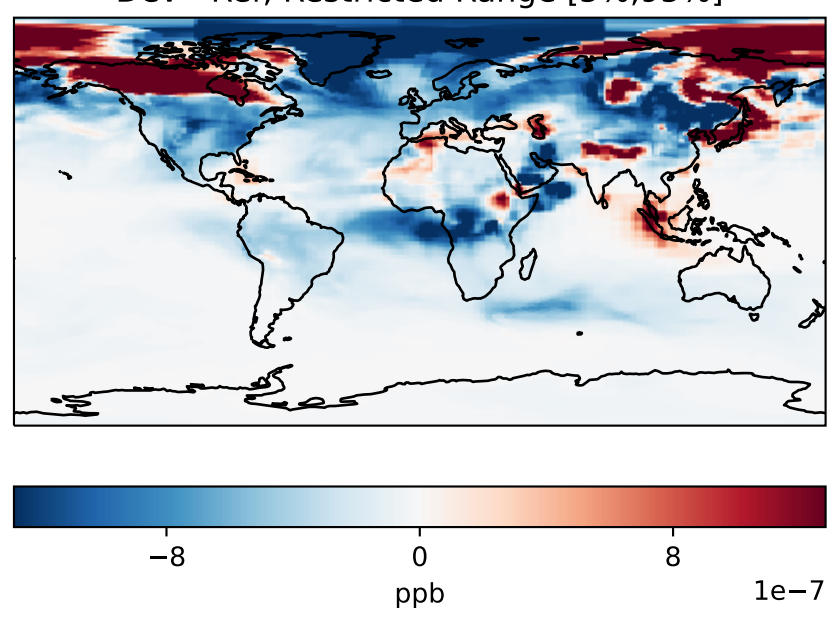
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



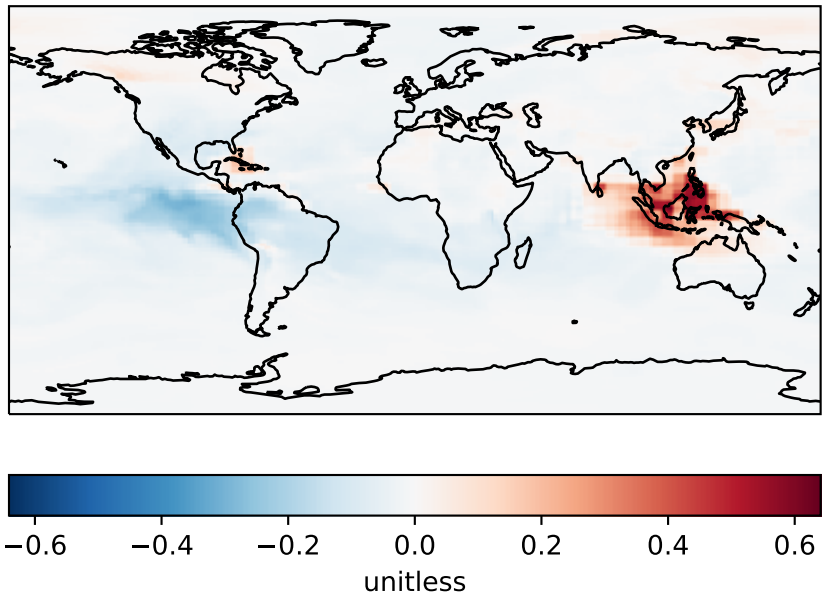
Difference (1x1.25)
Dev - Ref, Dynamic Range



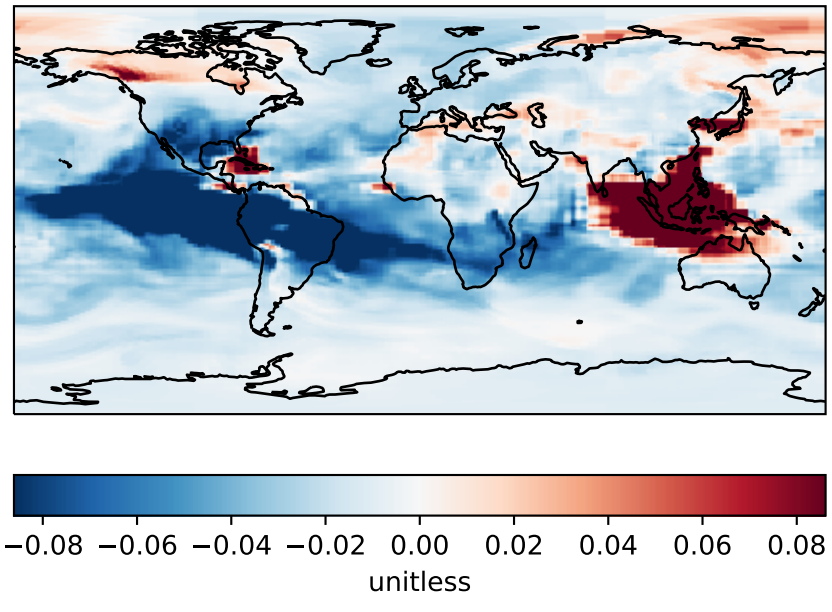
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

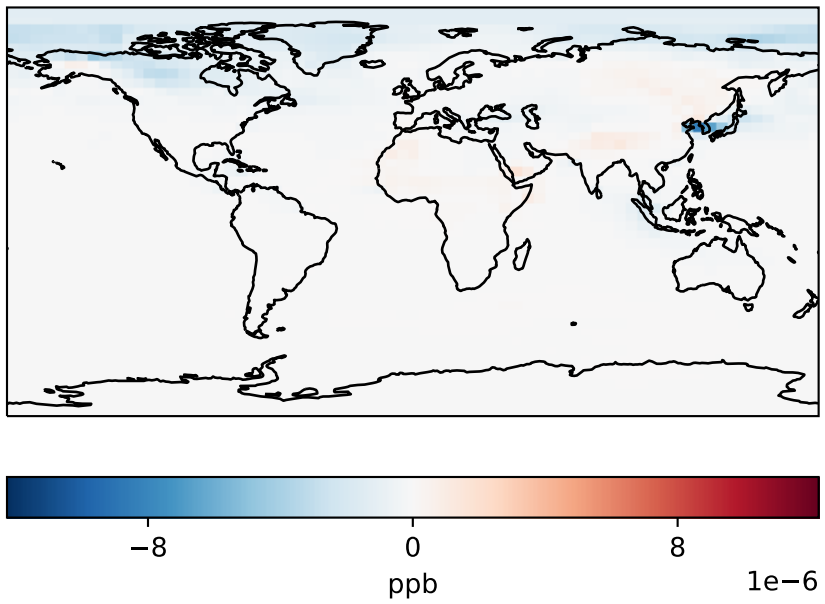


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

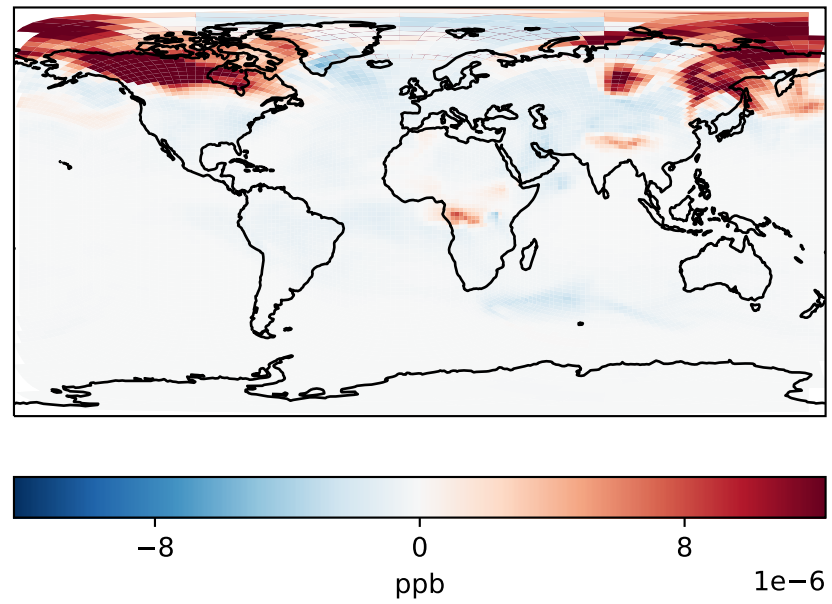


SpeciesConc_ASOA3

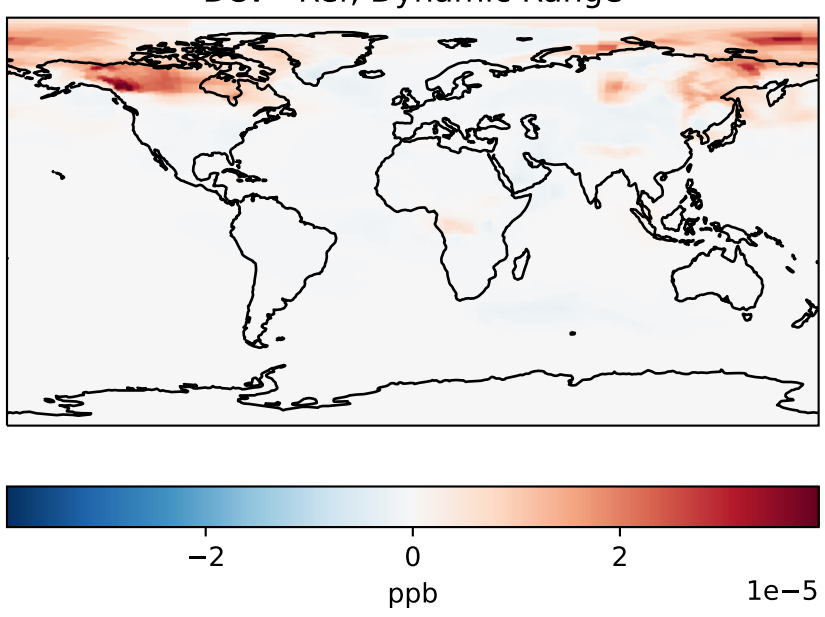
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



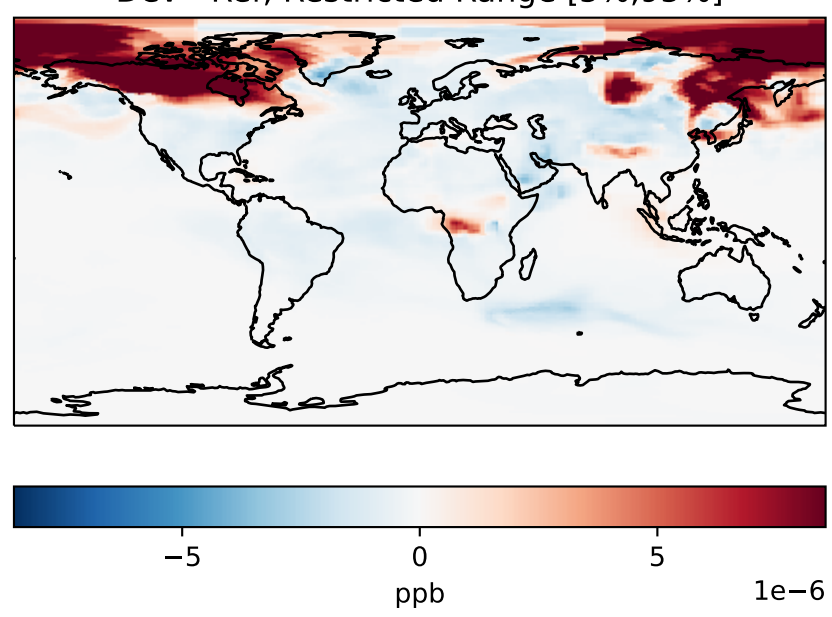
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



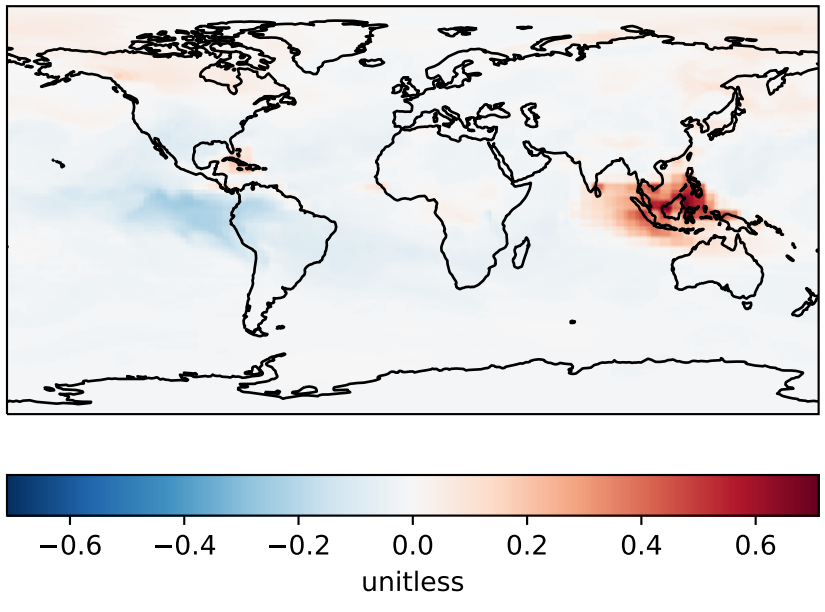
Difference (1x1.25)
Dev - Ref, Dynamic Range



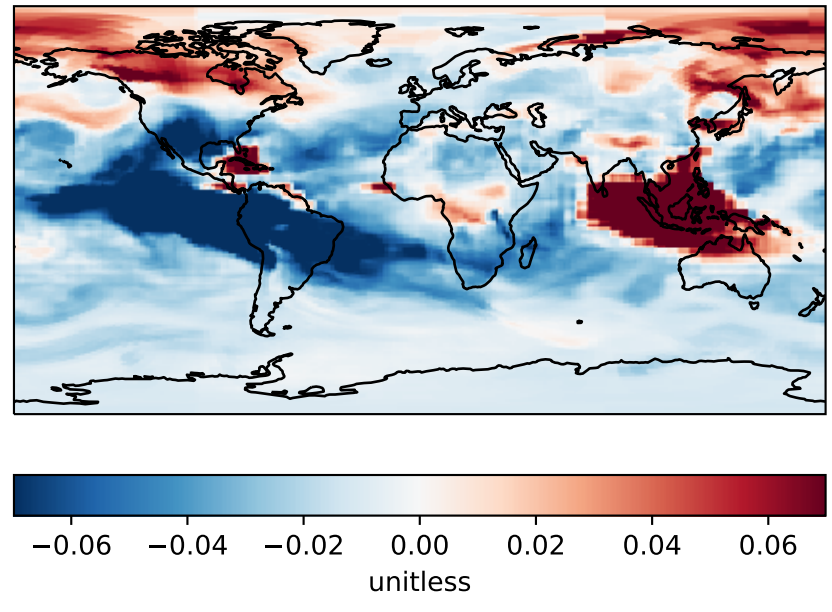
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

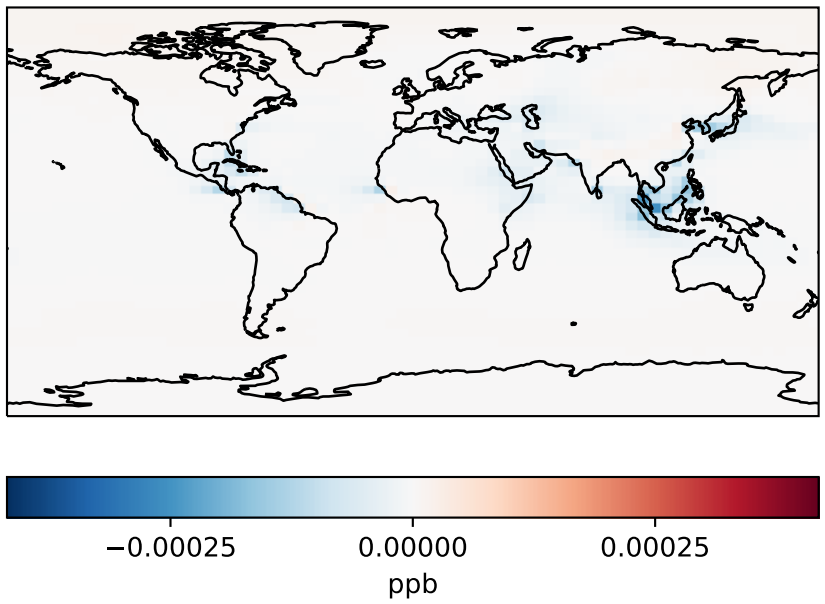


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

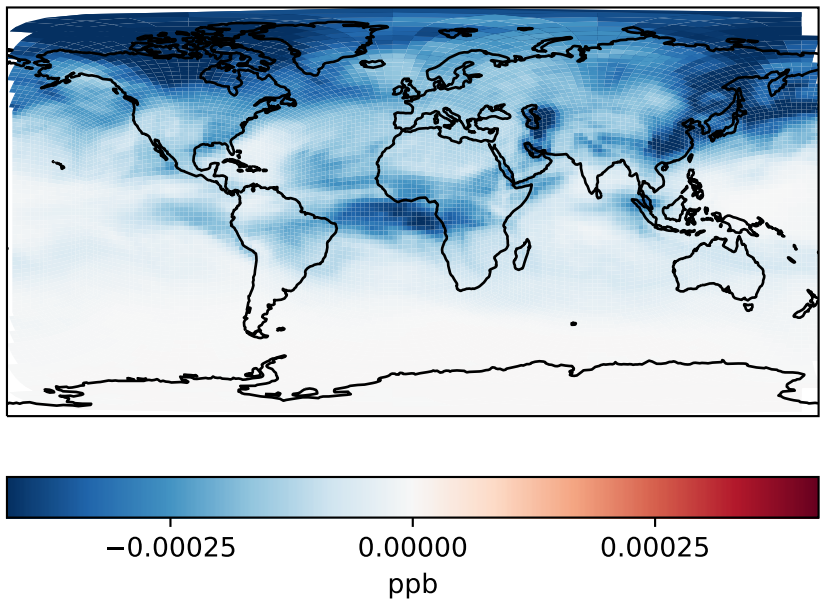


SpeciesConc_ASOAN

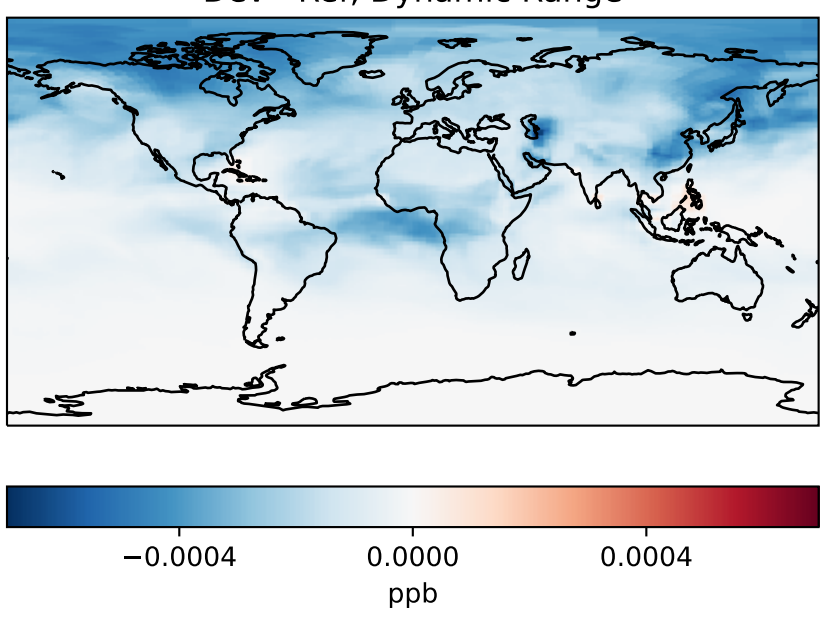
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



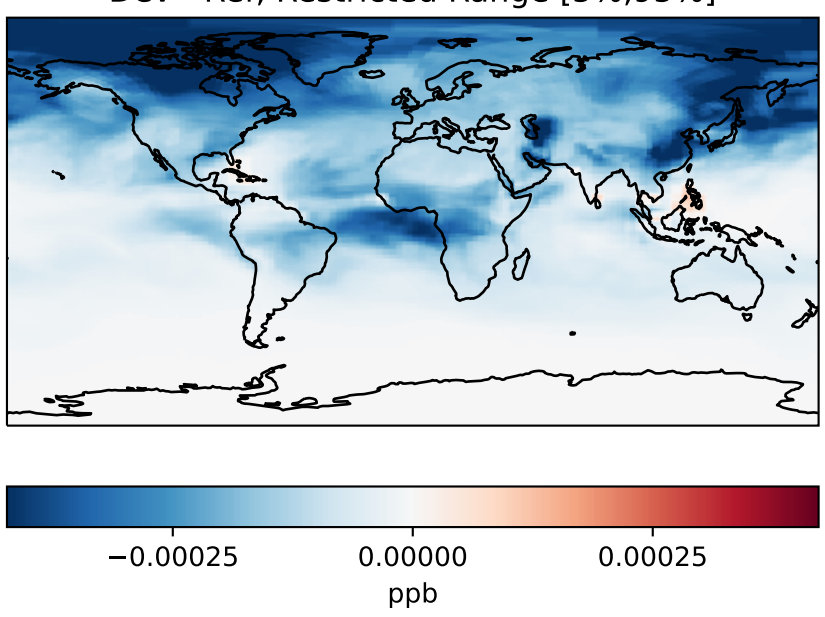
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



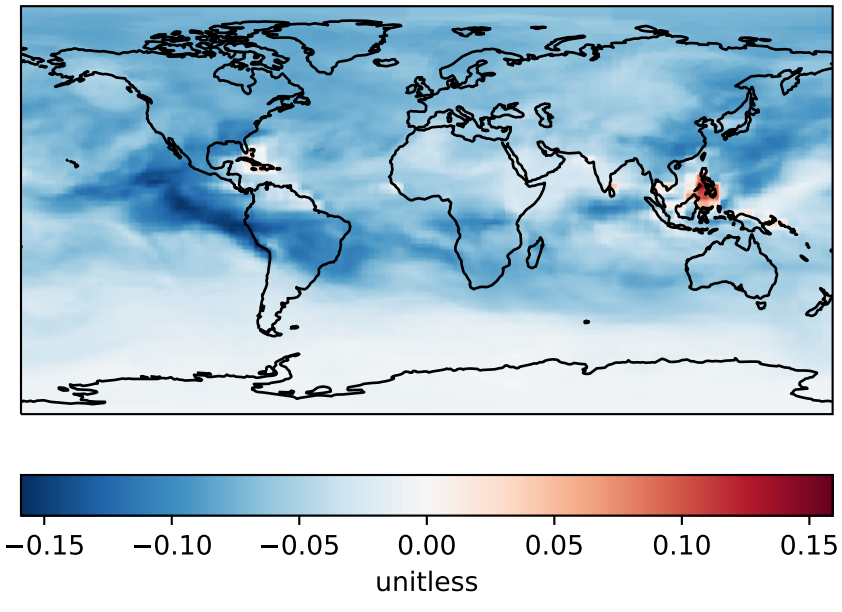
Difference (1x1.25)
Dev - Ref, Dynamic Range



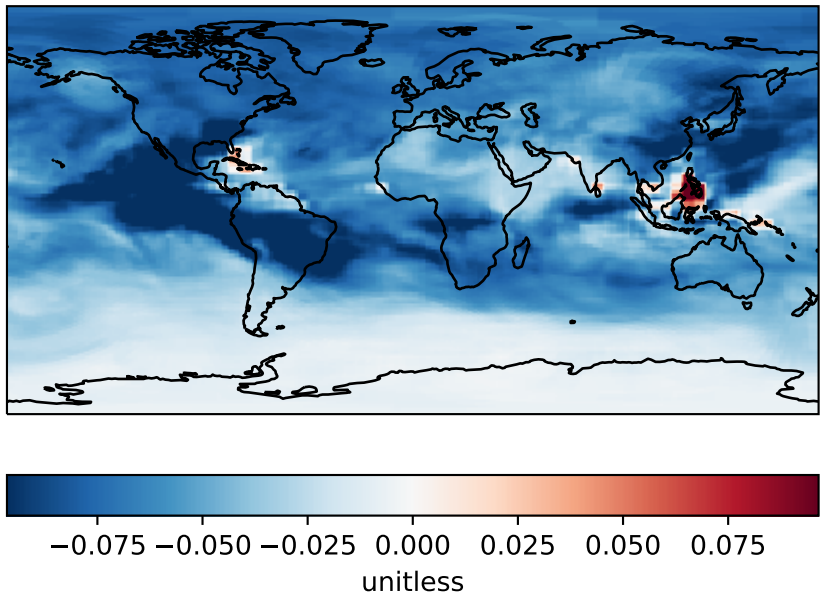
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

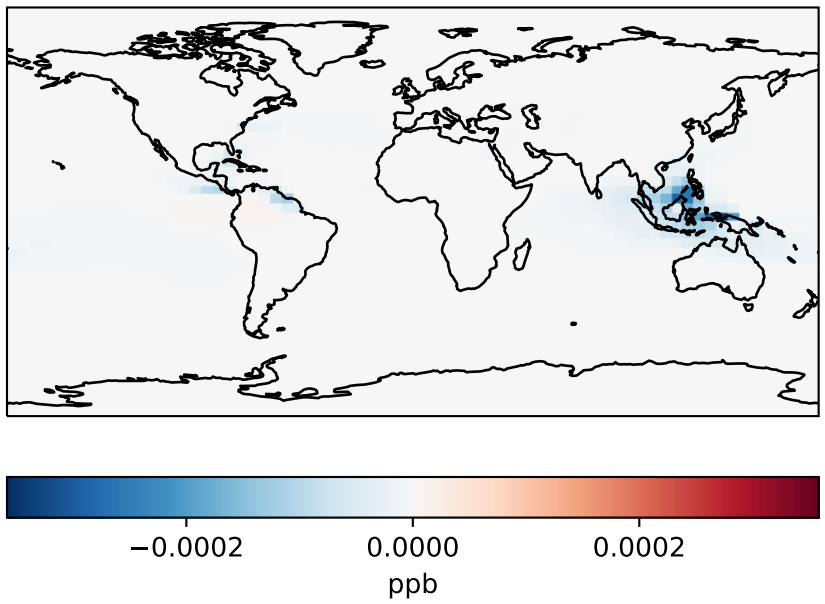


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

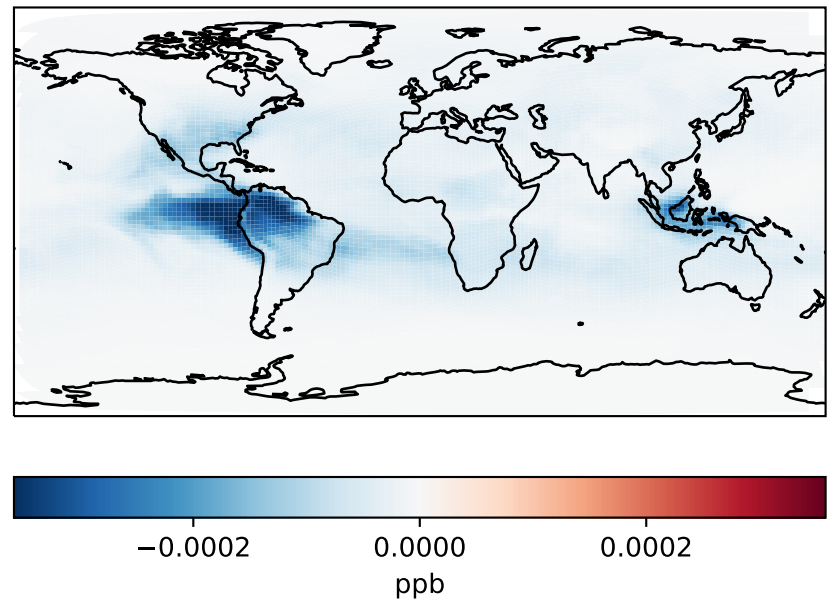


SpeciesConc_TSOG0

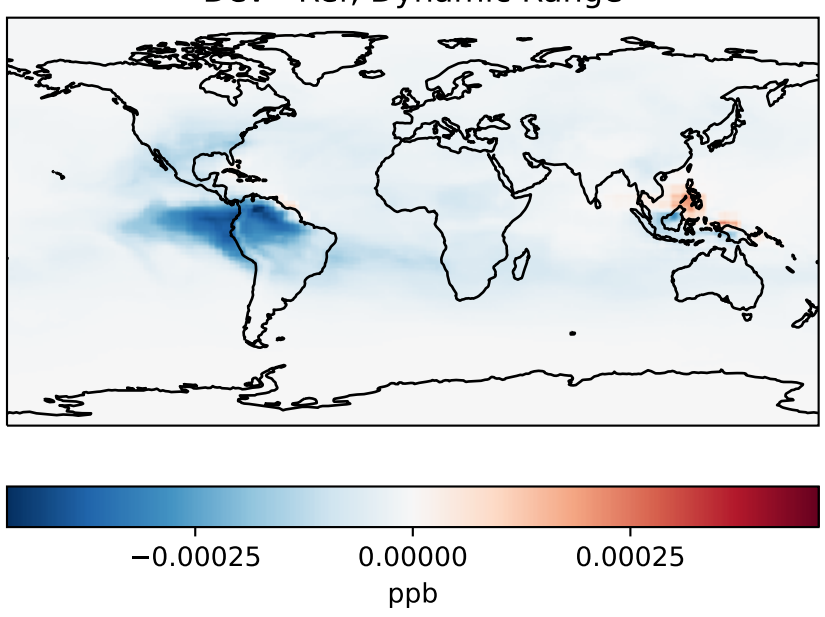
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



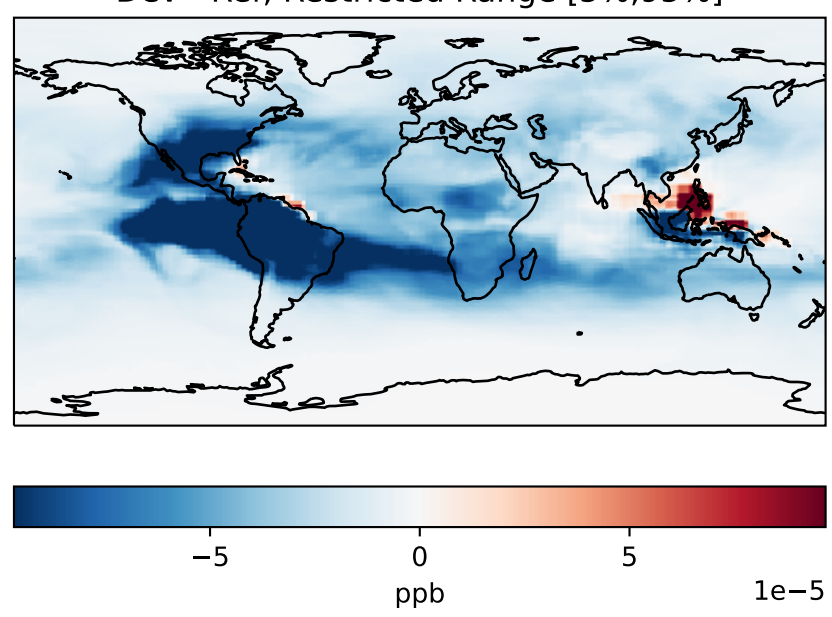
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



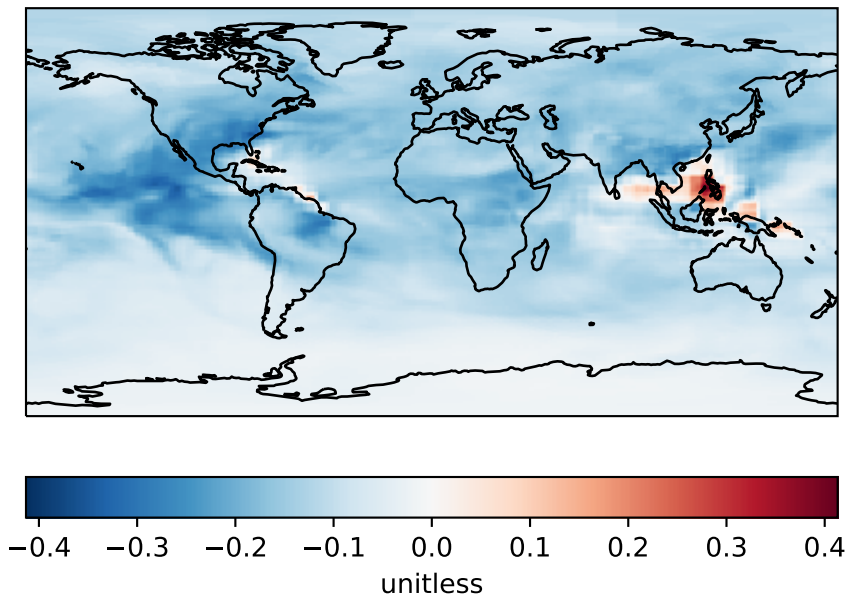
Difference (1x1.25)
Dev - Ref, Dynamic Range



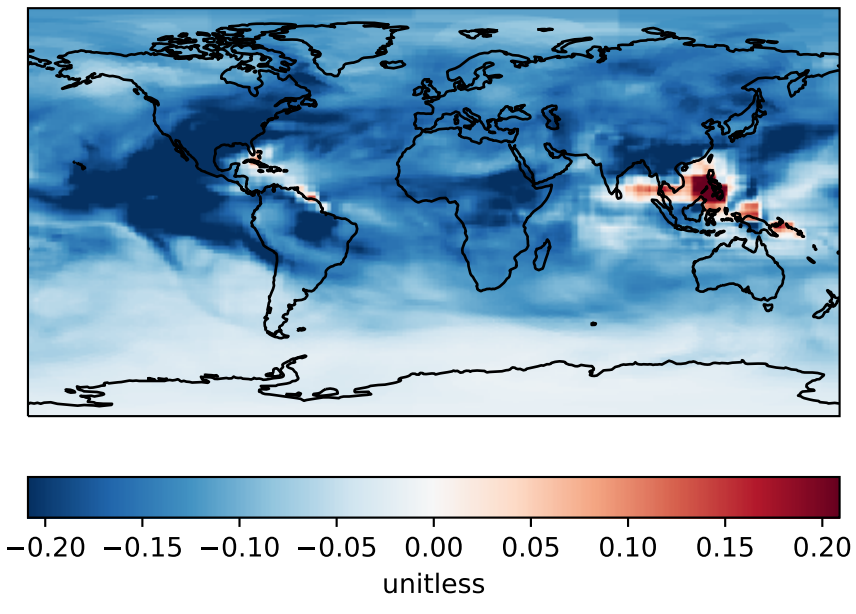
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

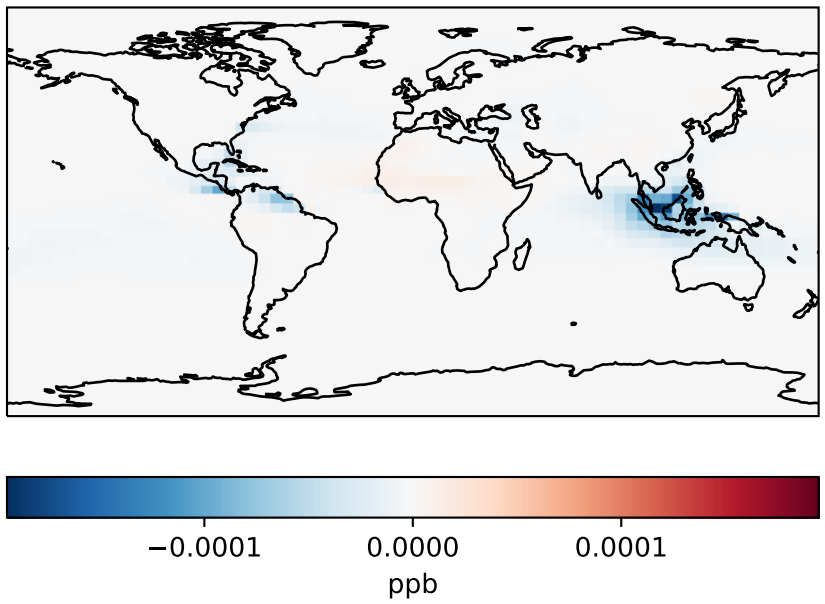


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

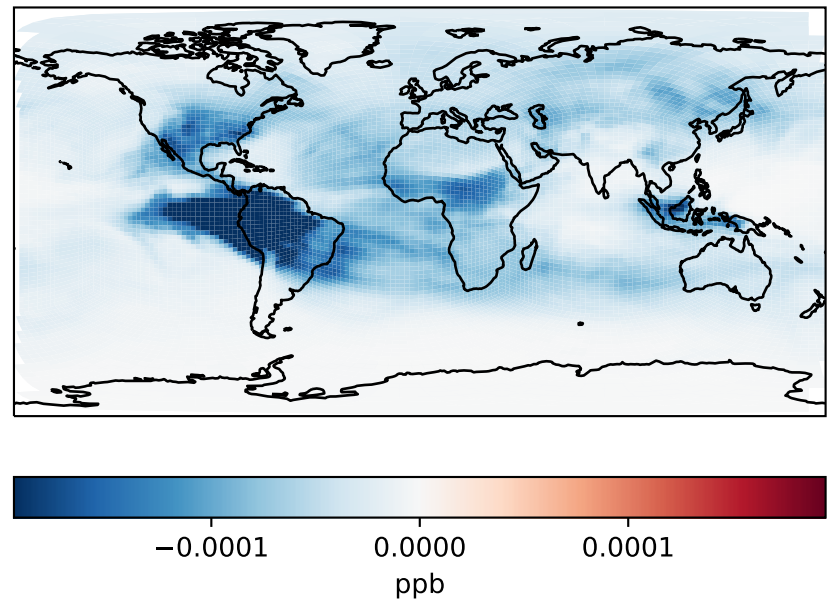


SpeciesConc_TSOG1

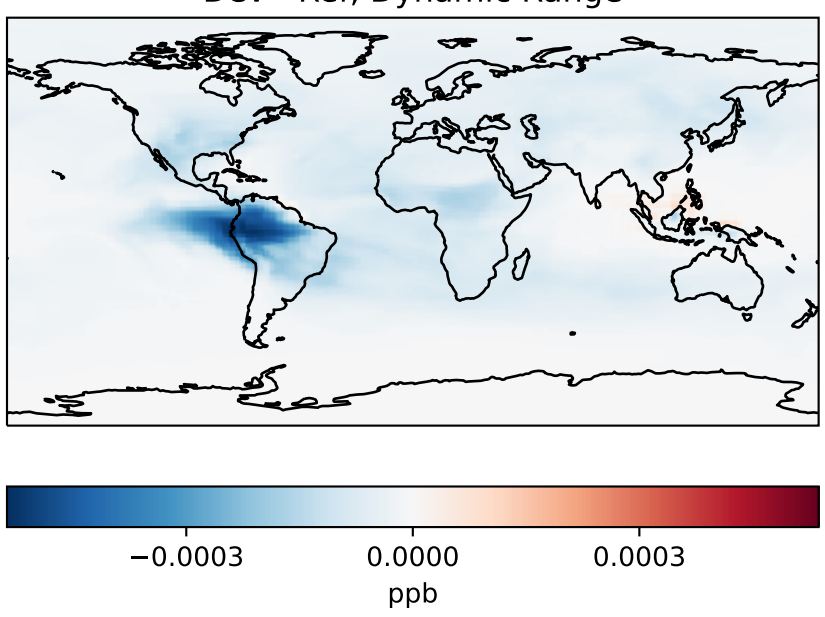
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



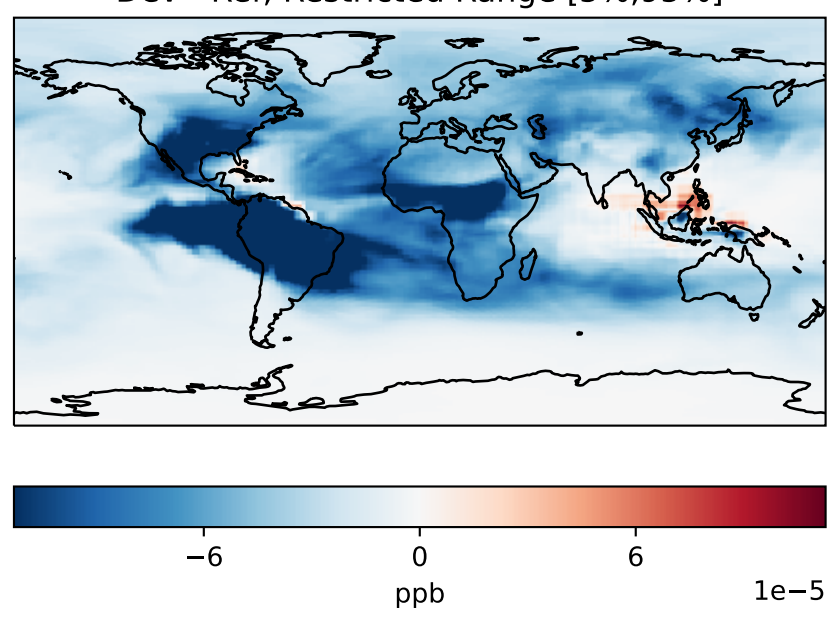
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



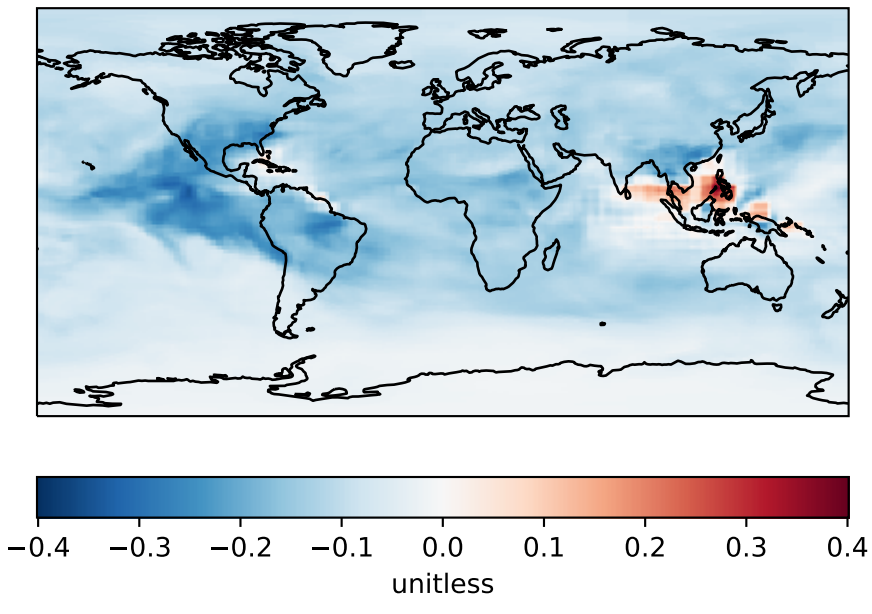
Difference (1x1.25)
Dev - Ref, Dynamic Range



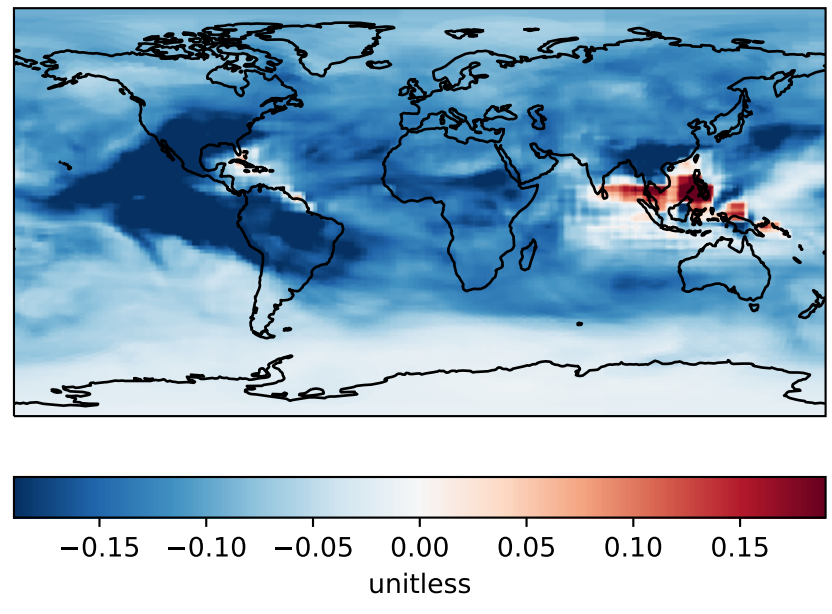
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

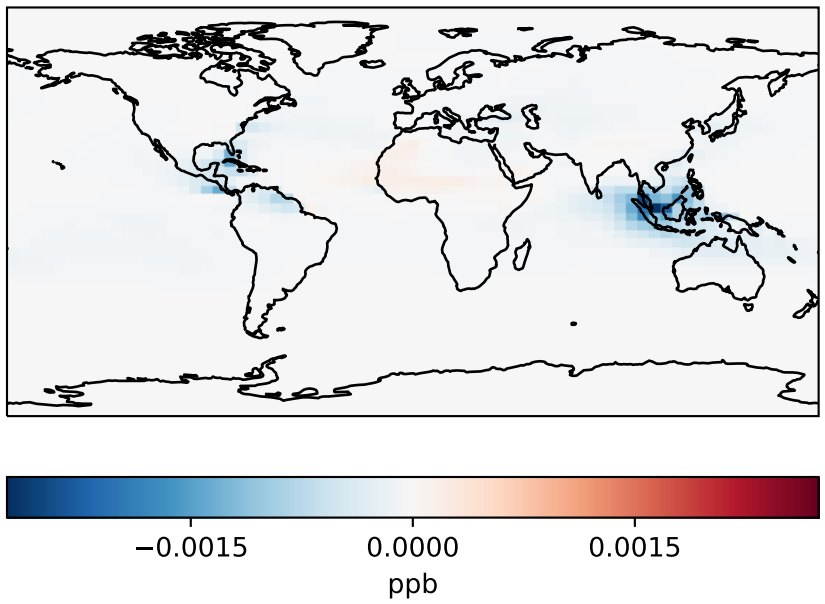


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

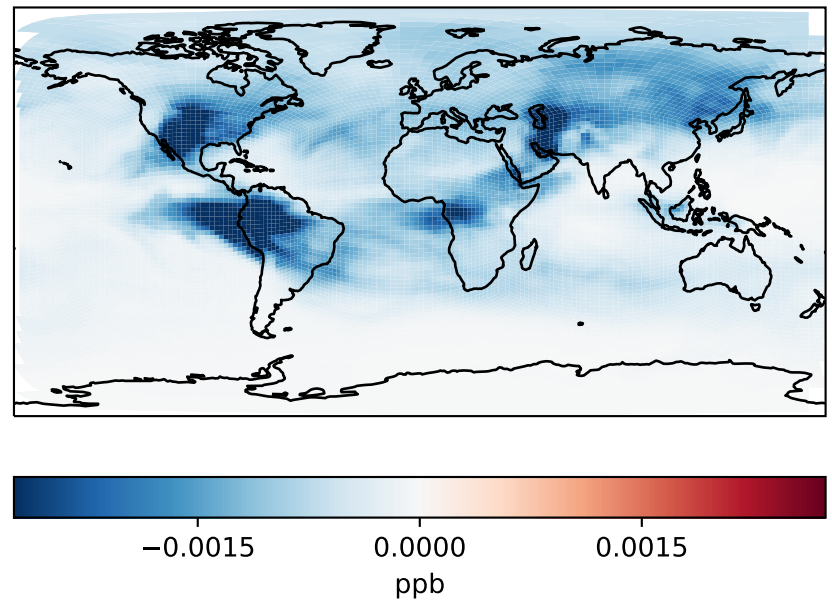


SpeciesConc_TSOG2

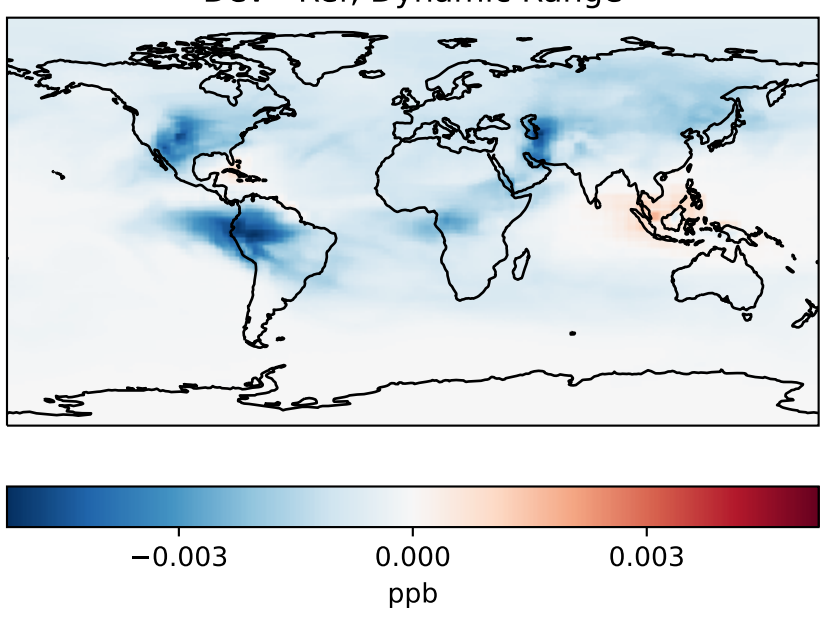
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



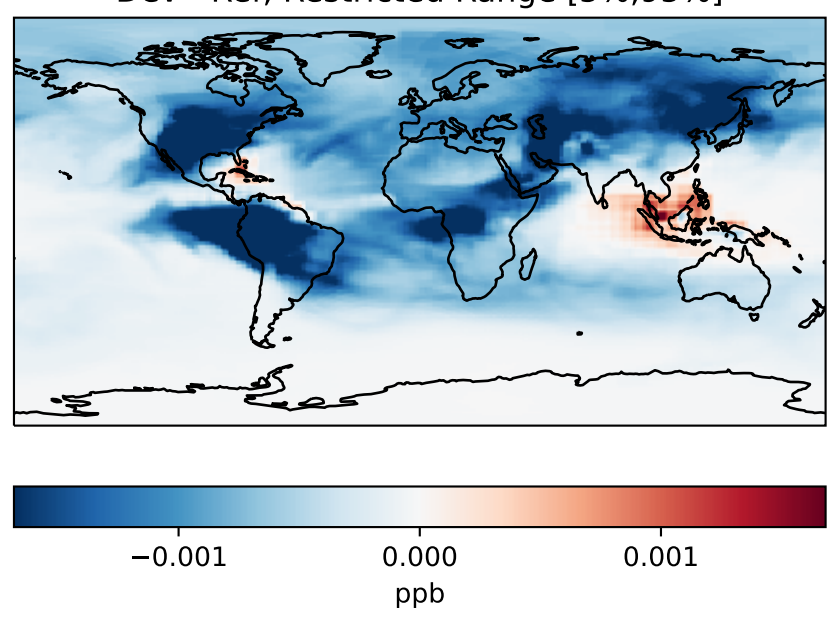
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



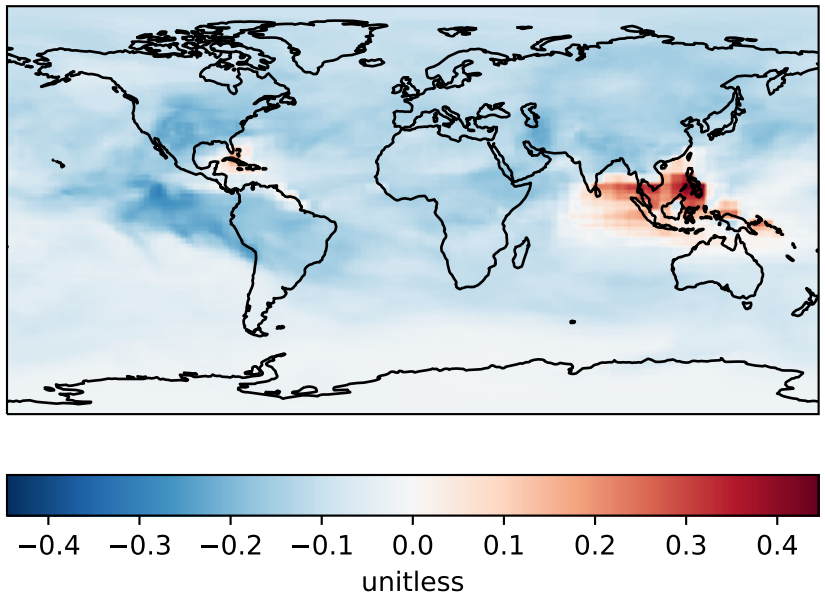
Difference (1x1.25)
Dev - Ref, Dynamic Range



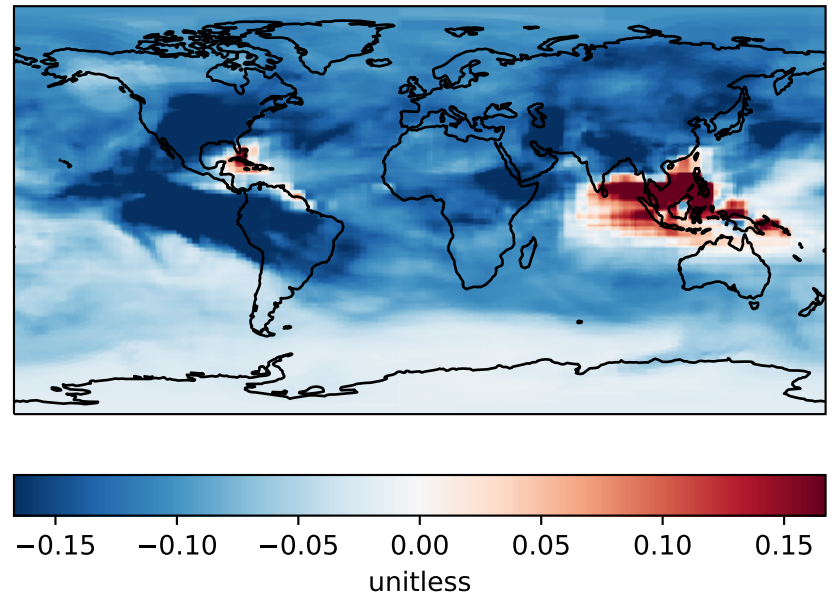
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

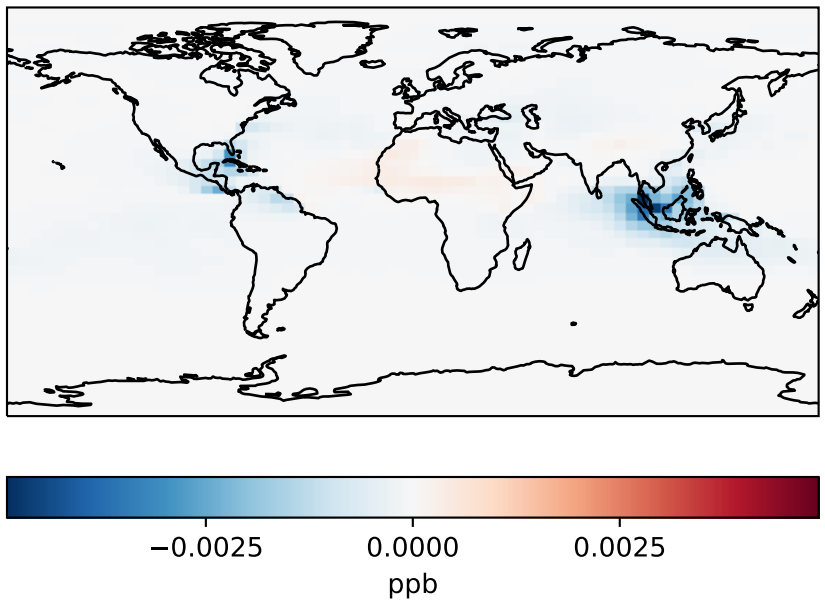


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

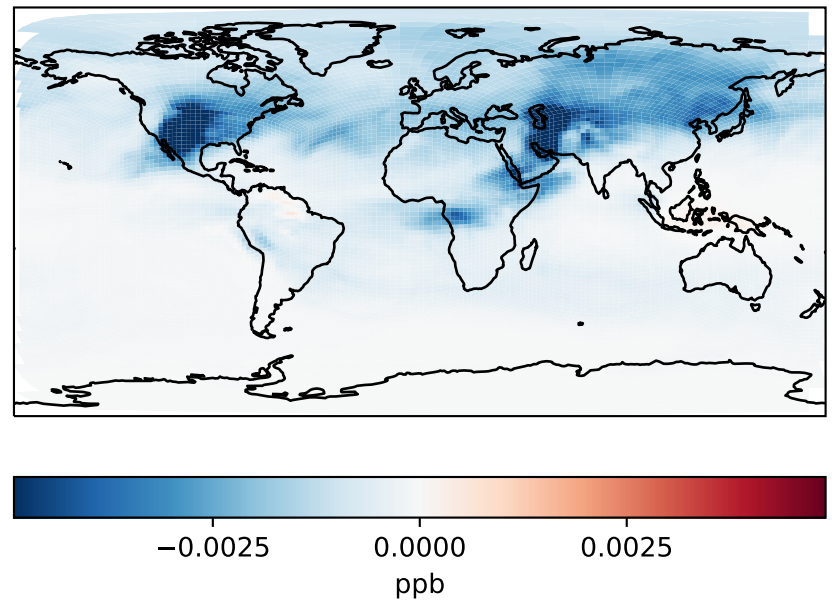


SpeciesConc_TSOG3

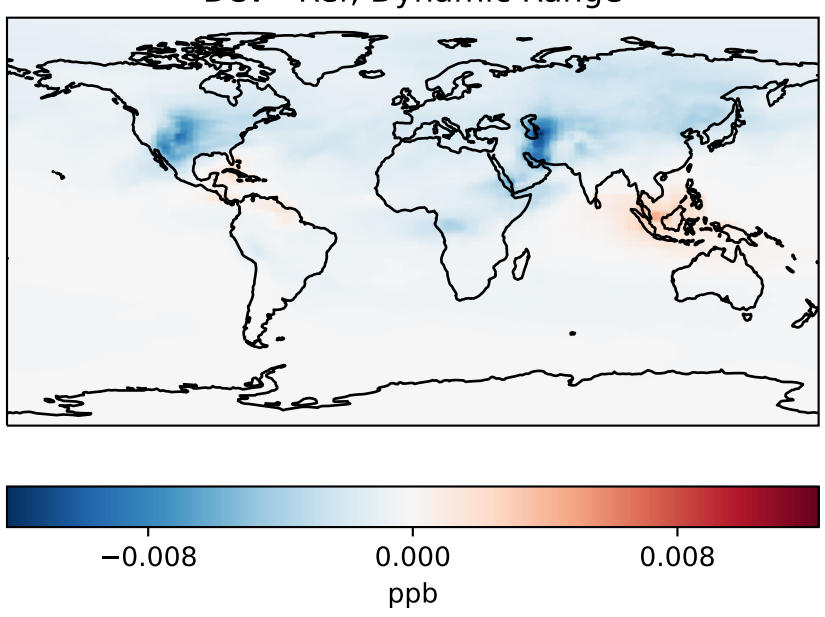
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



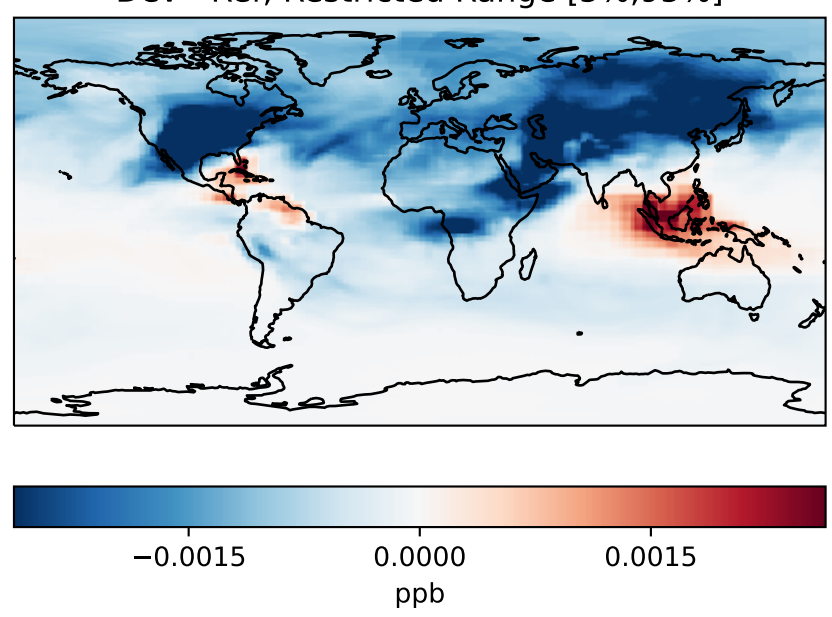
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



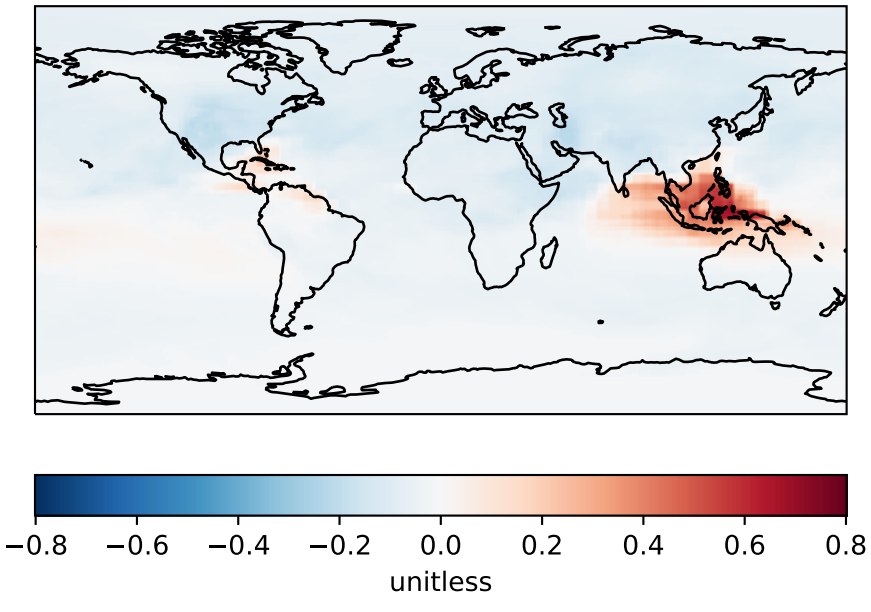
Difference (1x1.25)
Dev - Ref, Dynamic Range



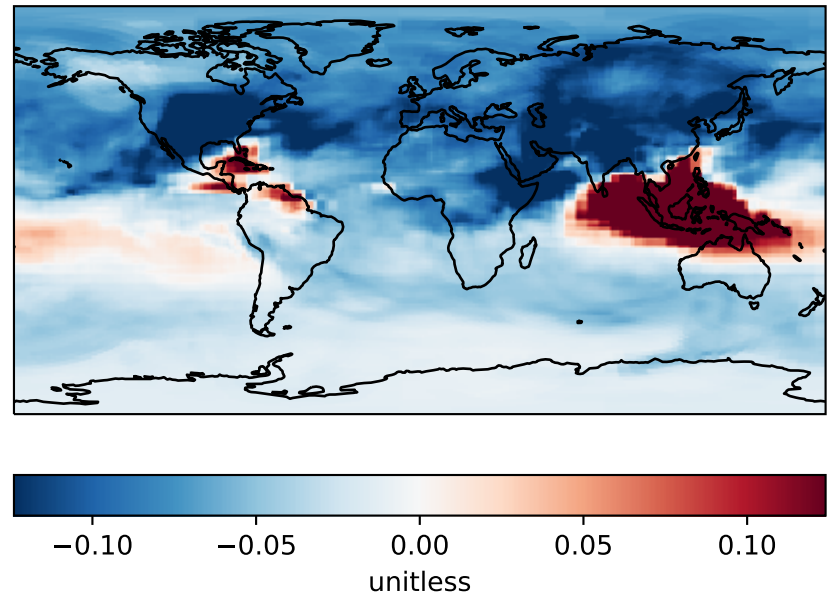
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

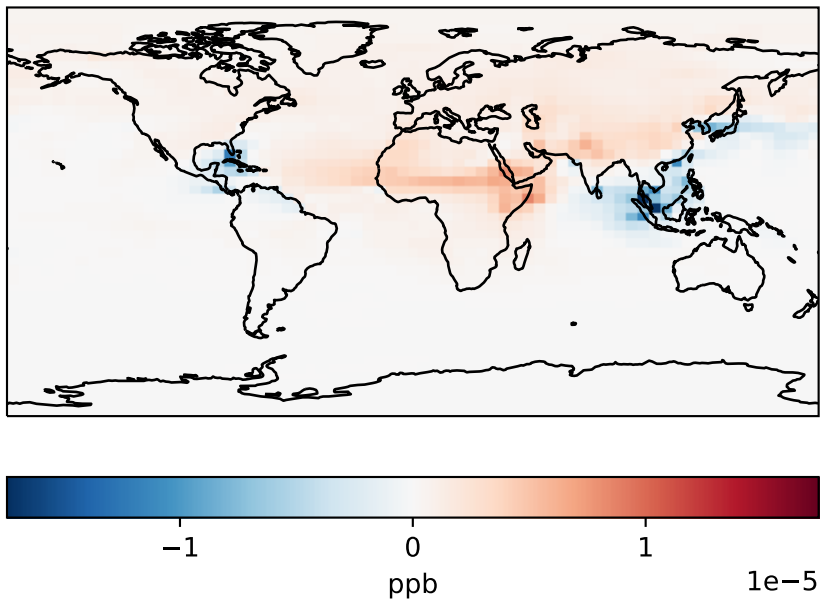


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

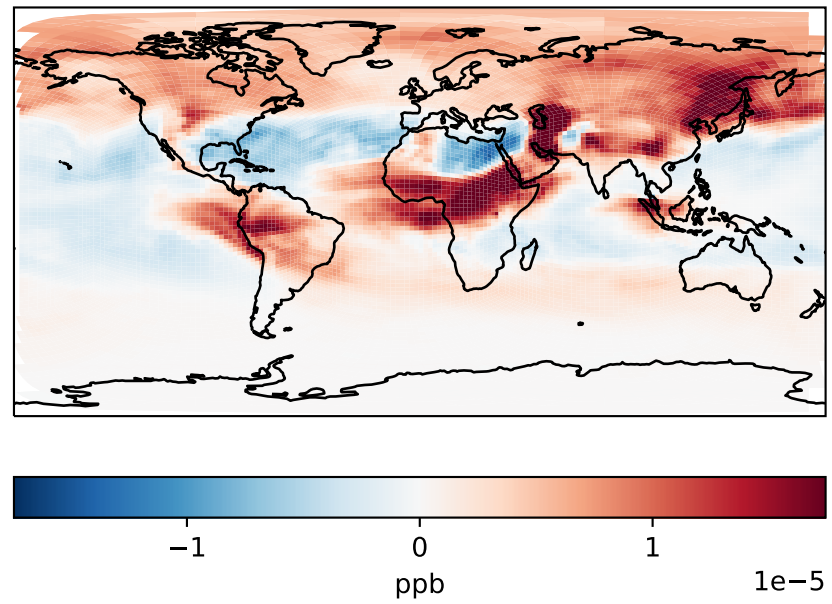


SpeciesConc_ASOG1

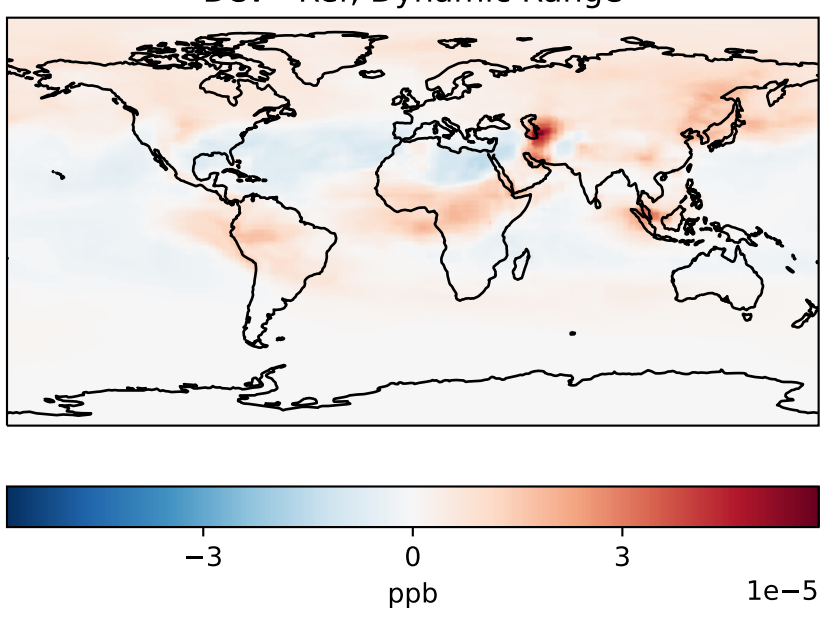
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



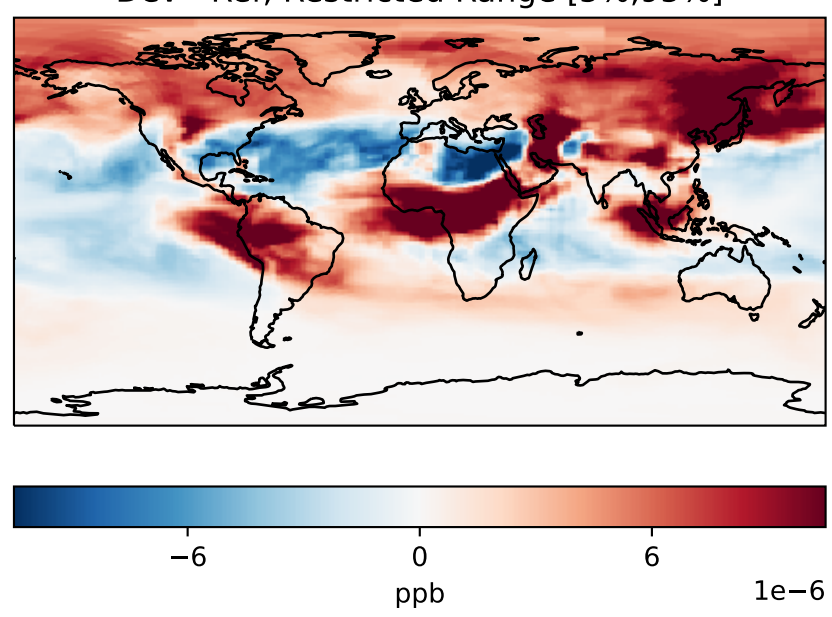
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



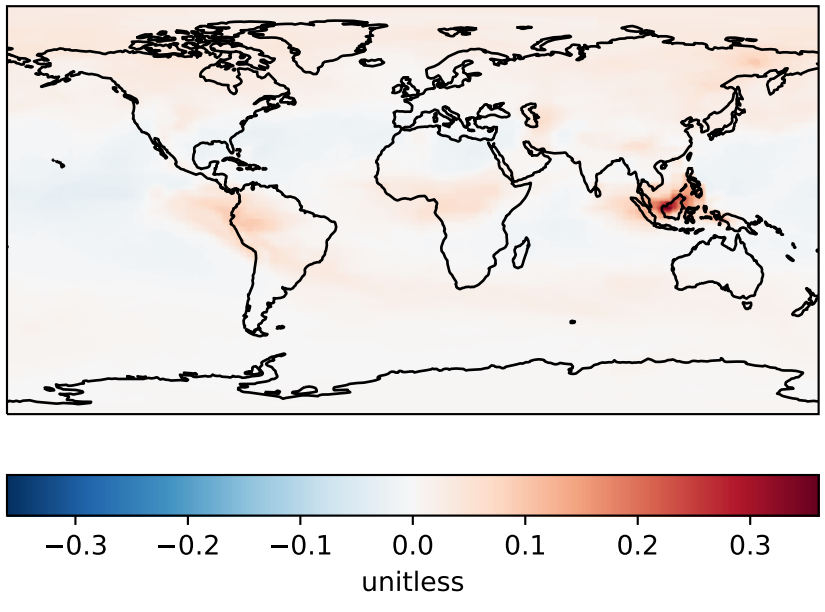
Difference (1x1.25)
Dev - Ref, Dynamic Range



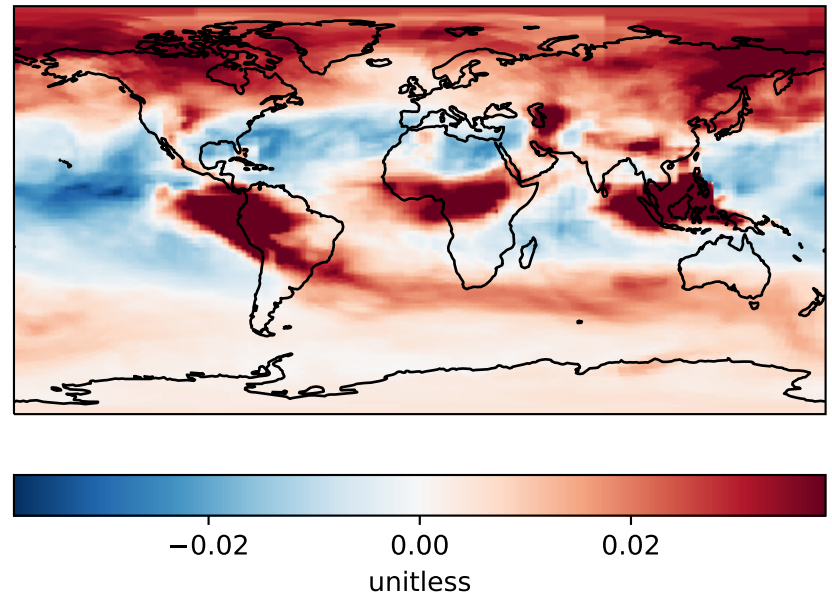
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

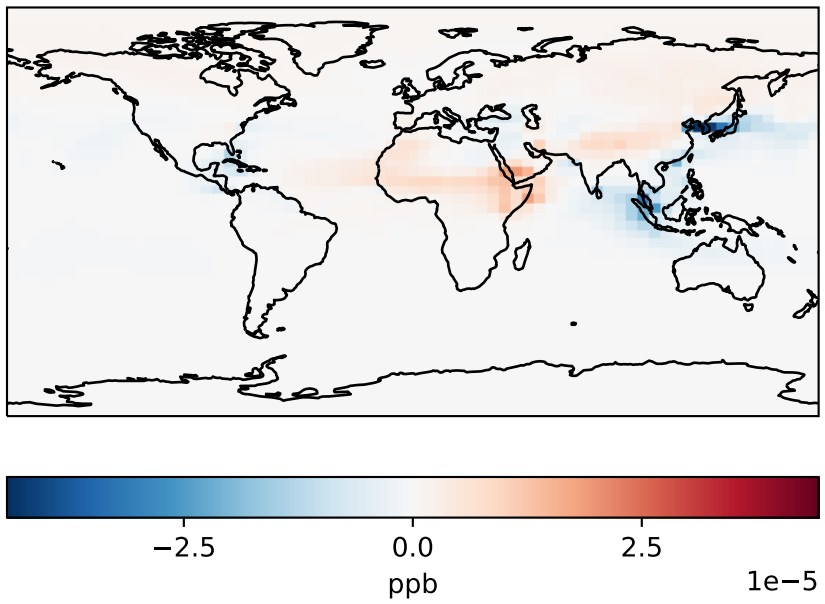


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

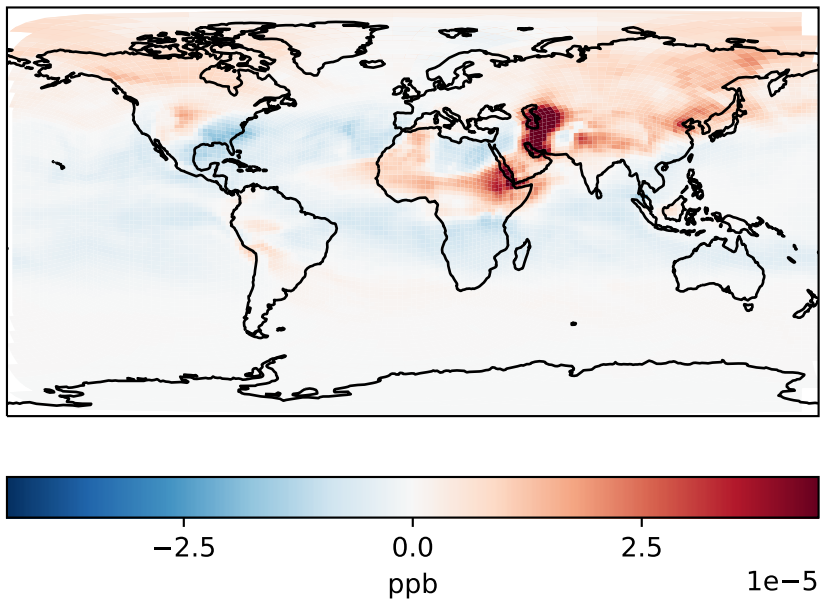


SpeciesConc_ASOG2

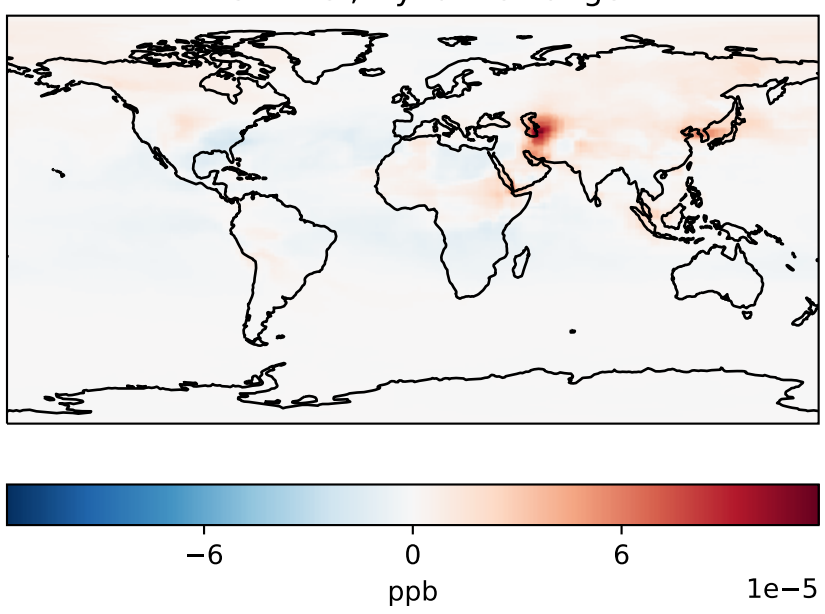
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



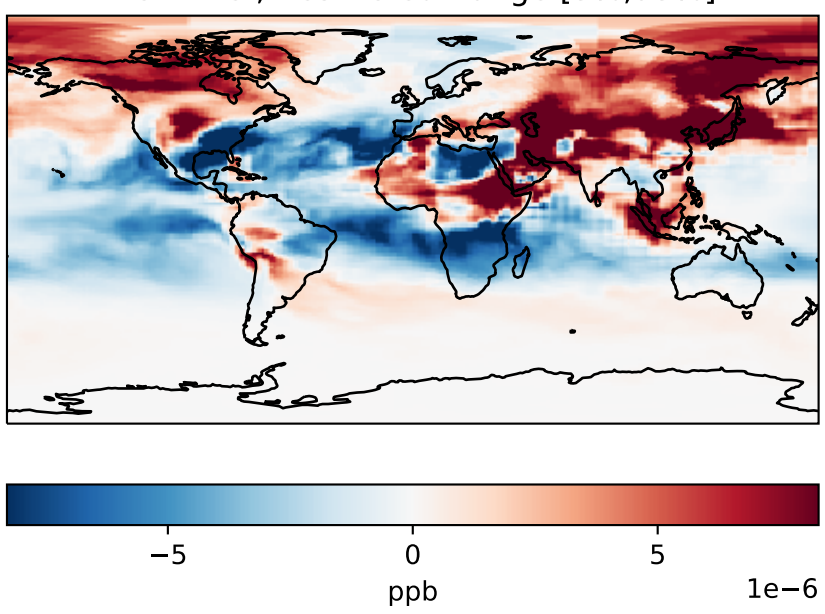
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



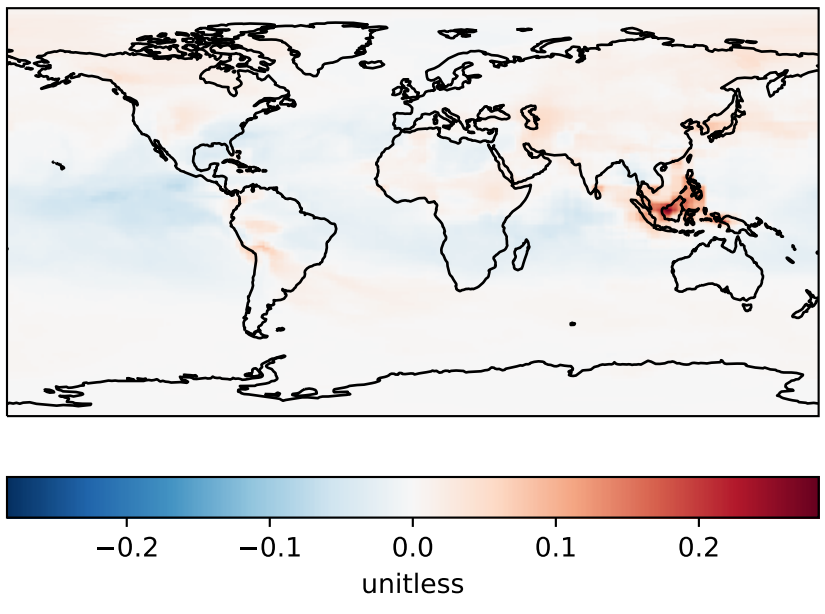
Difference (1x1.25)
Dev - Ref, Dynamic Range



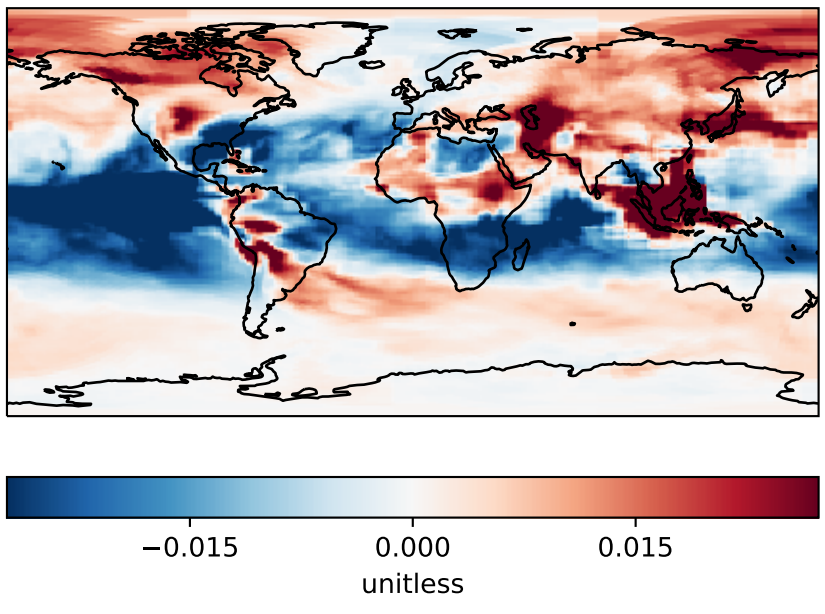
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

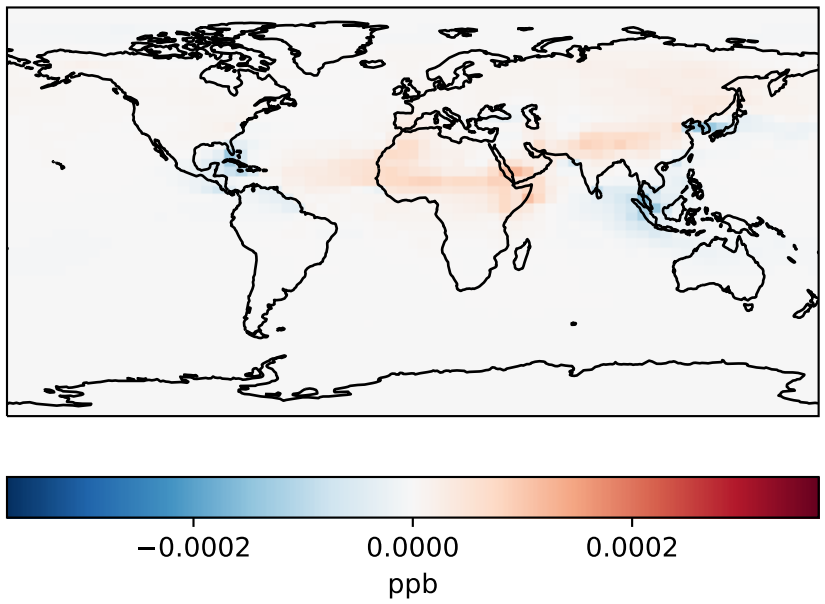


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

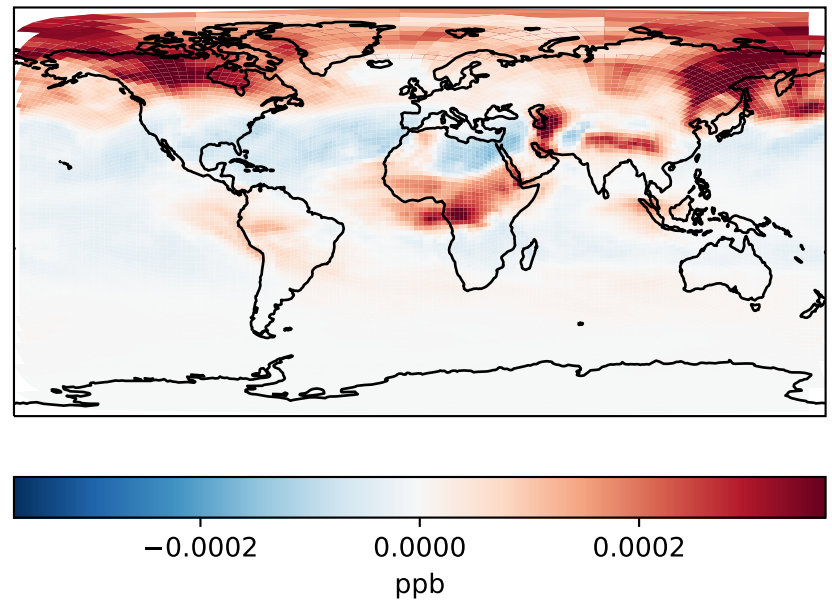


SpeciesConc_ASOG3

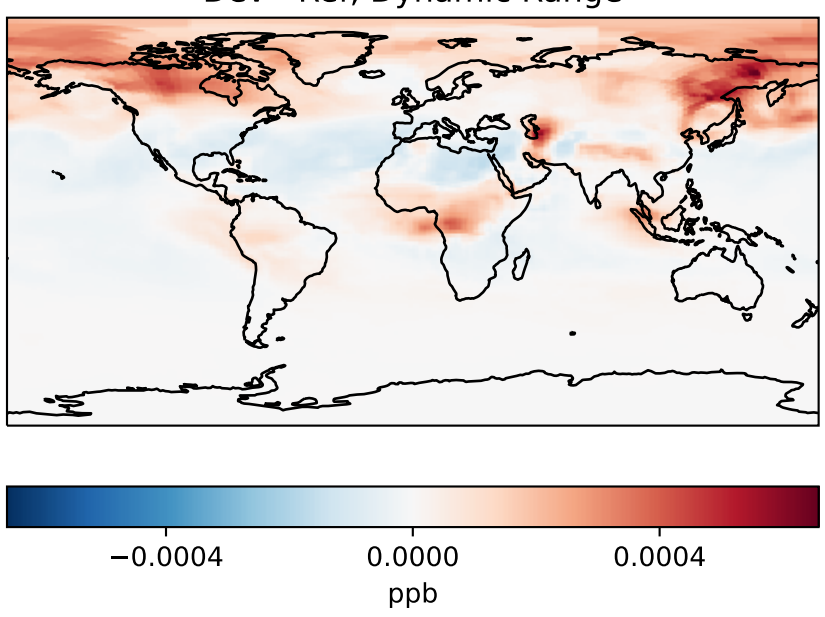
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



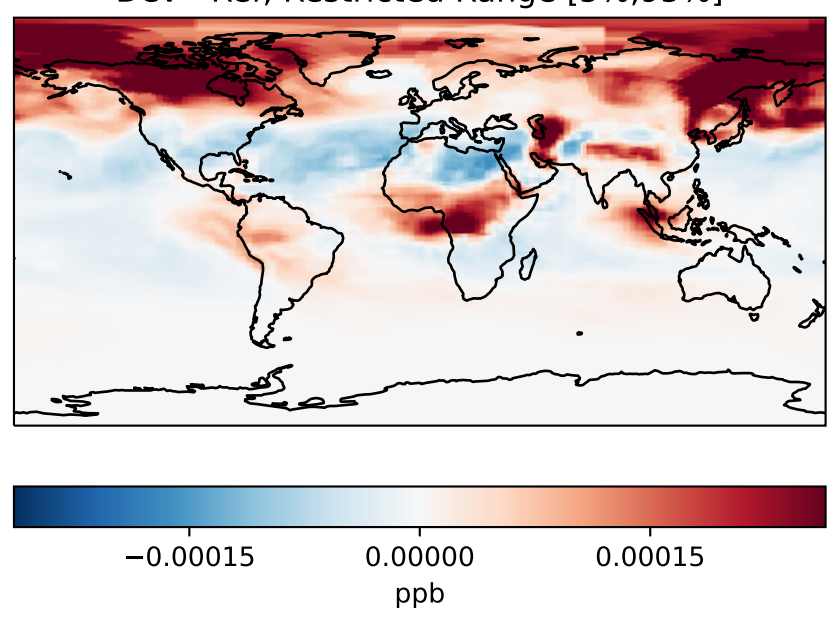
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



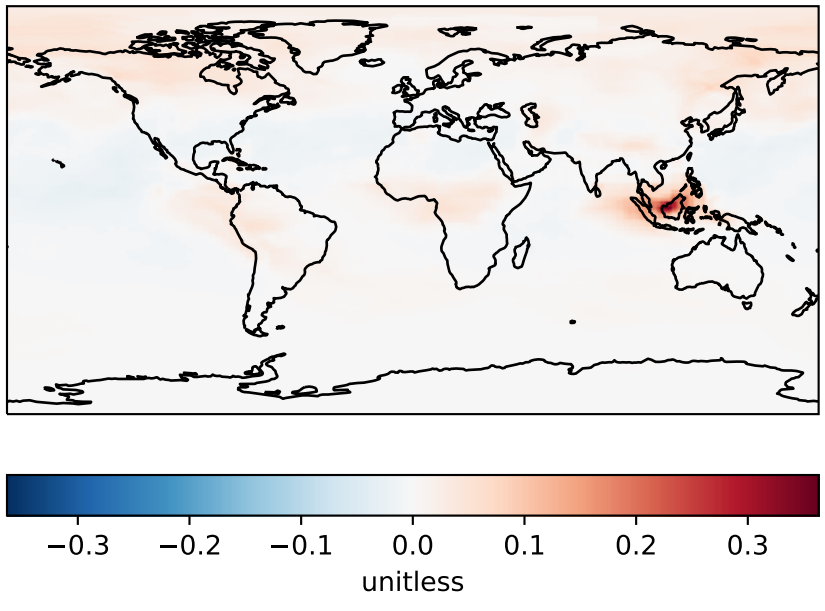
Difference (1x1.25)
Dev - Ref, Dynamic Range



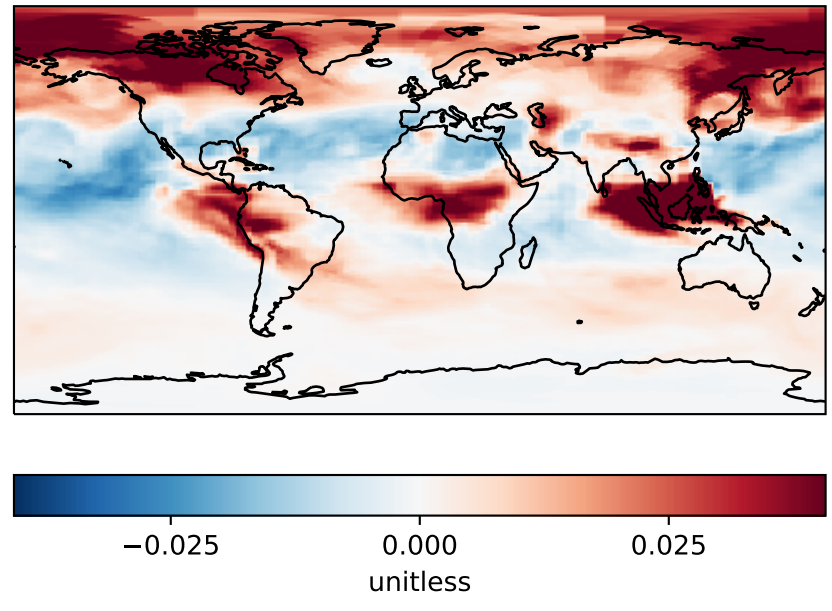
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

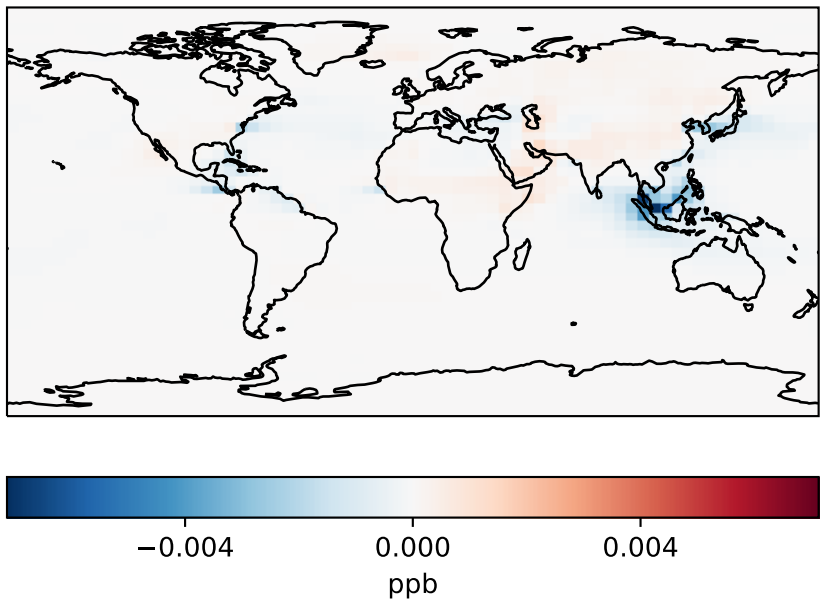


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

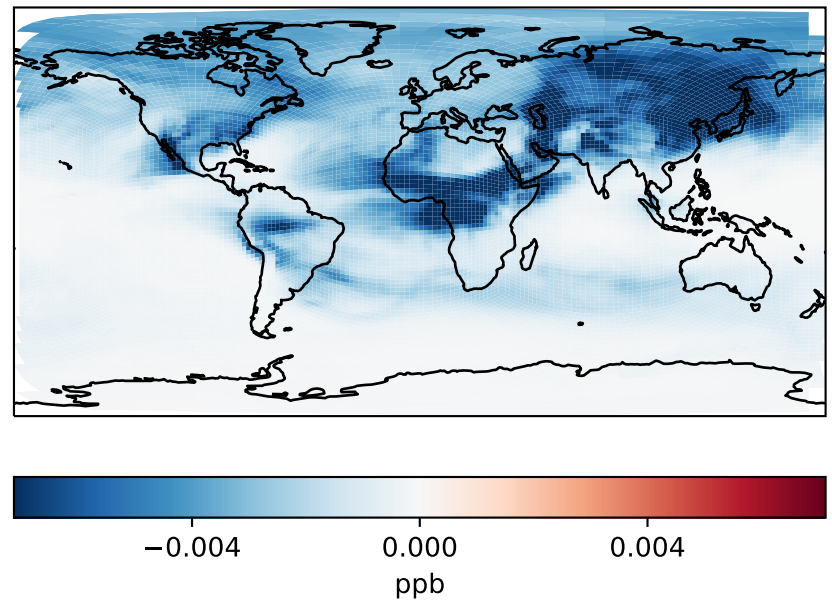


SpeciesConc_INDIOL

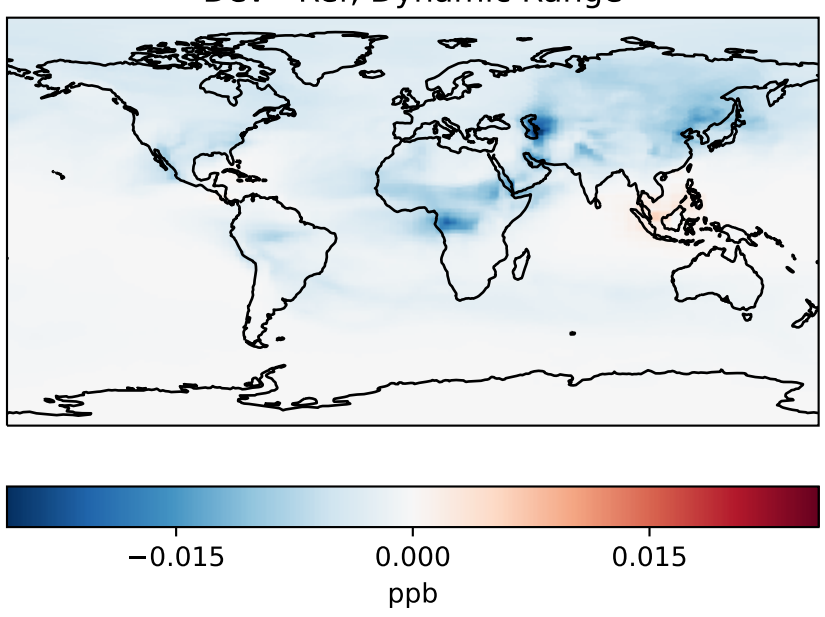
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



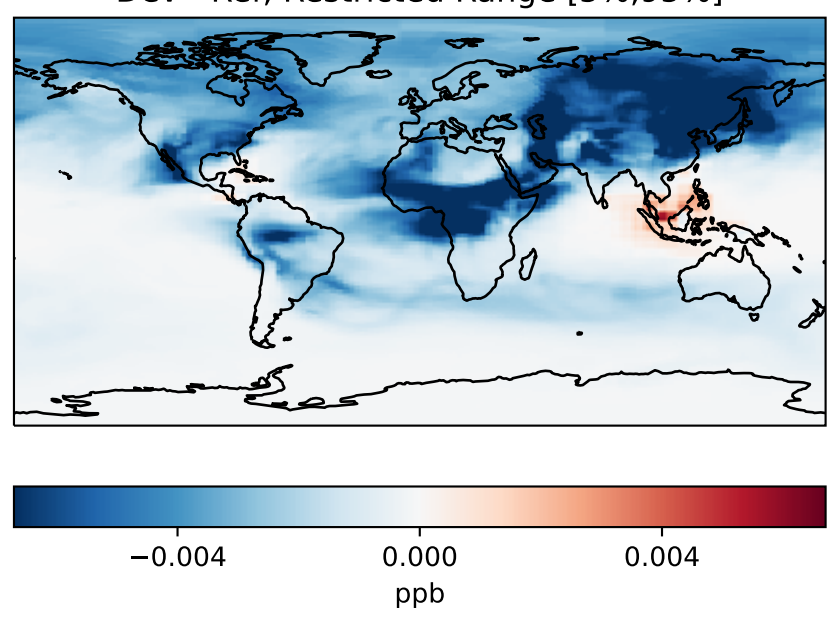
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



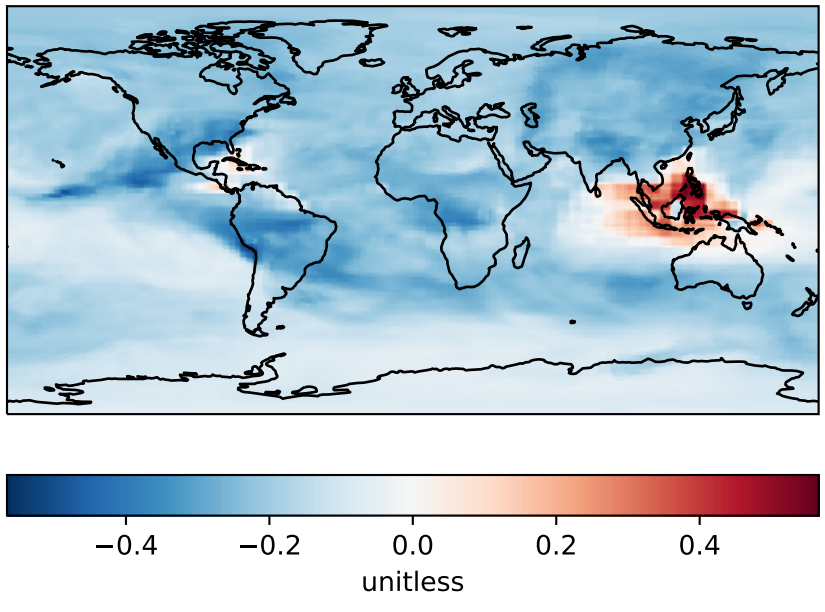
Difference (1x1.25)
Dev - Ref, Dynamic Range



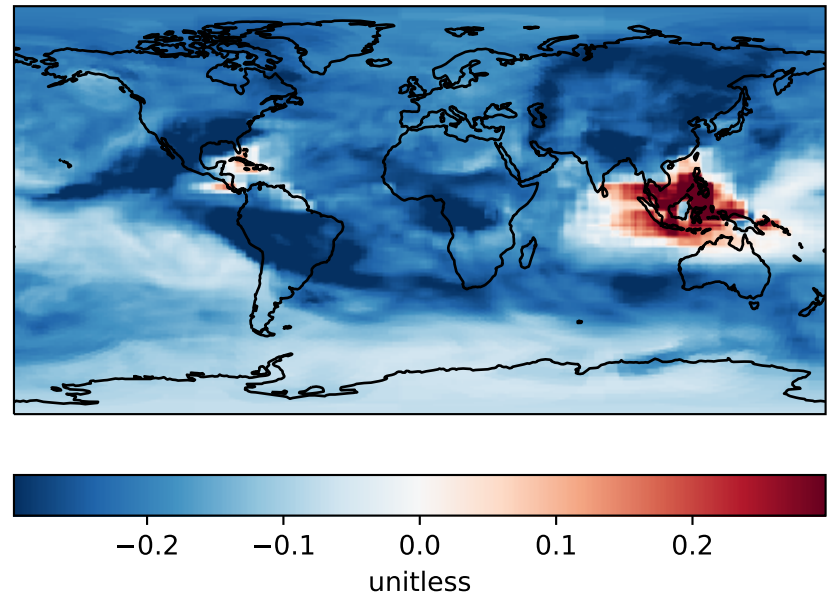
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

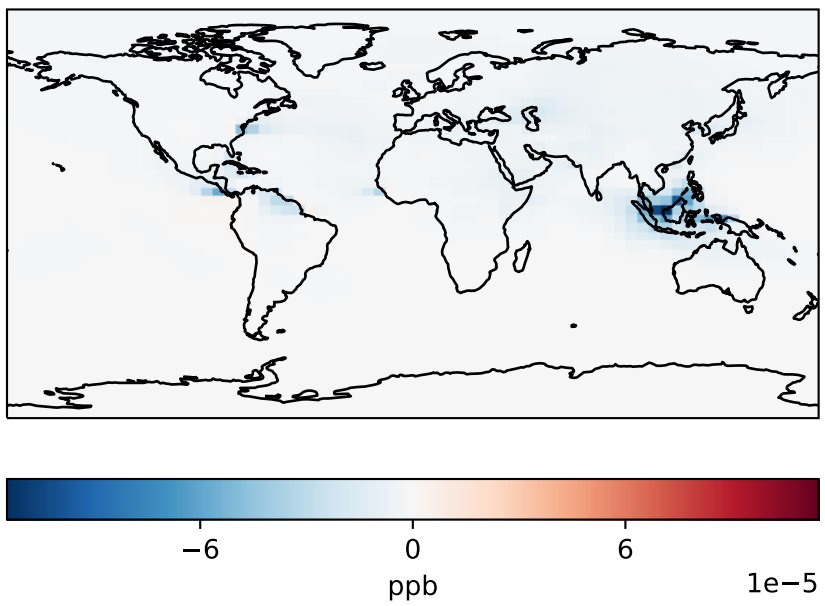


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

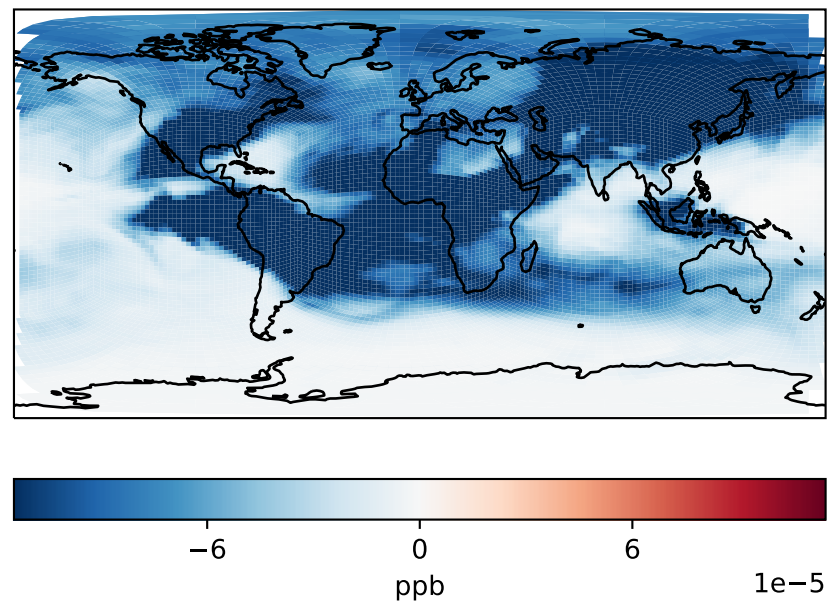


SpeciesConc_LVOCOA

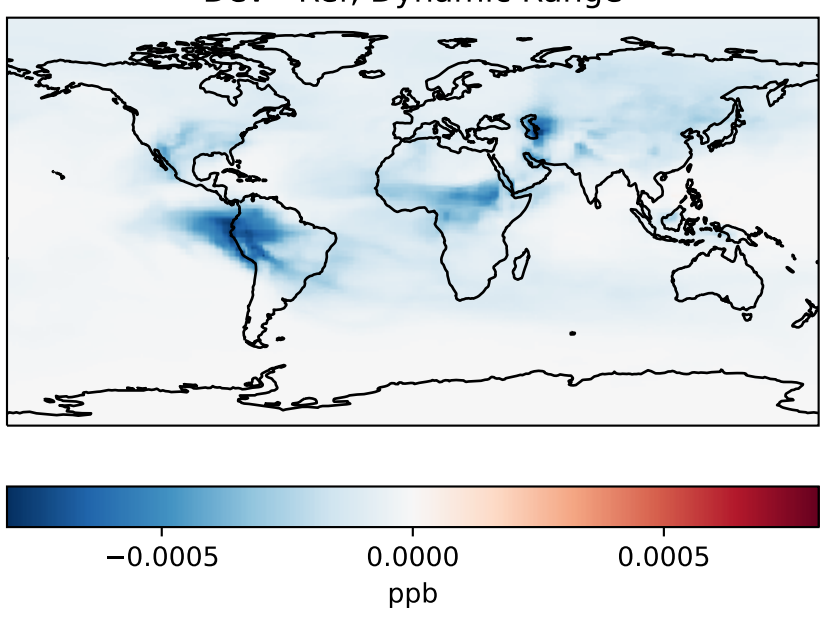
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



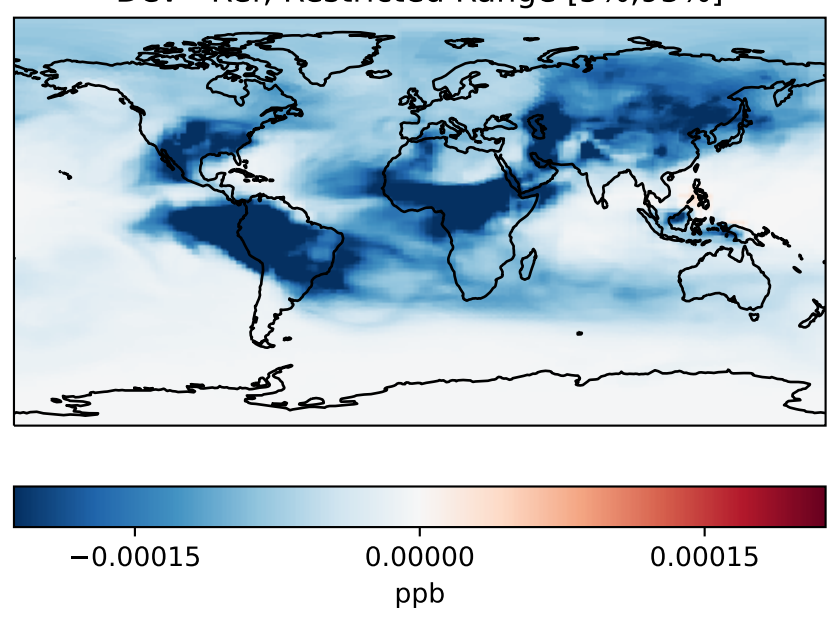
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



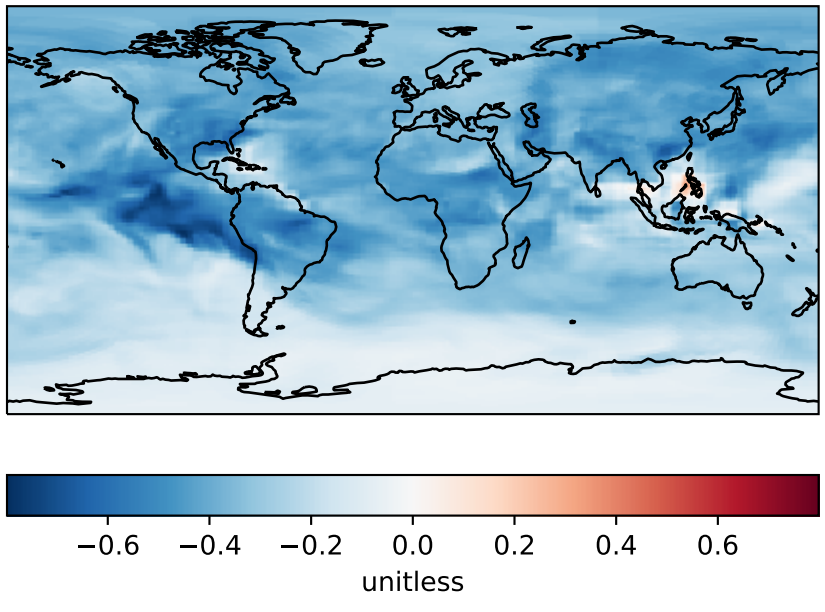
Difference (1x1.25)
Dev - Ref, Dynamic Range



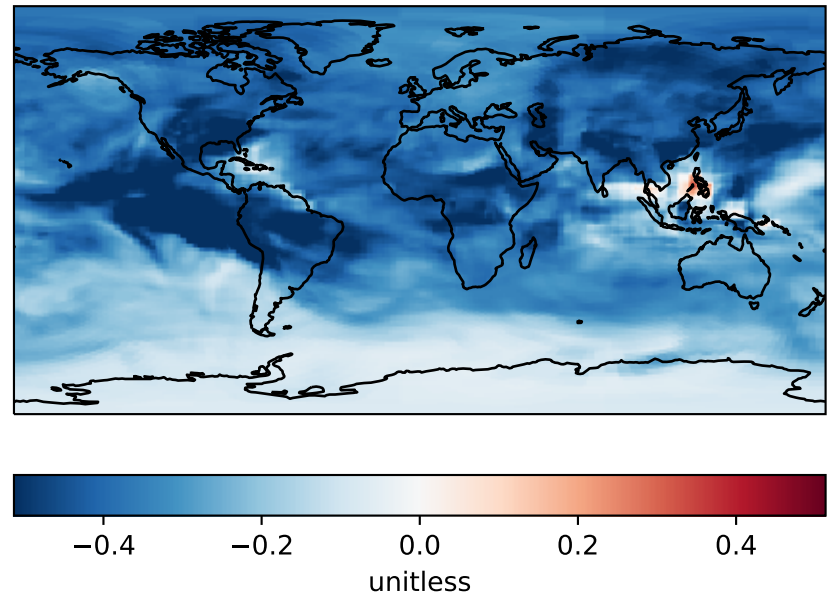
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

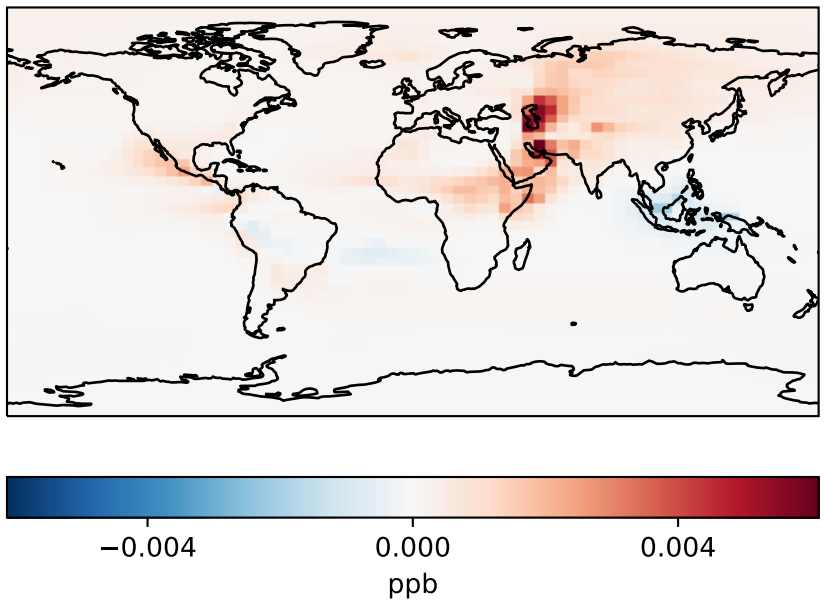


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

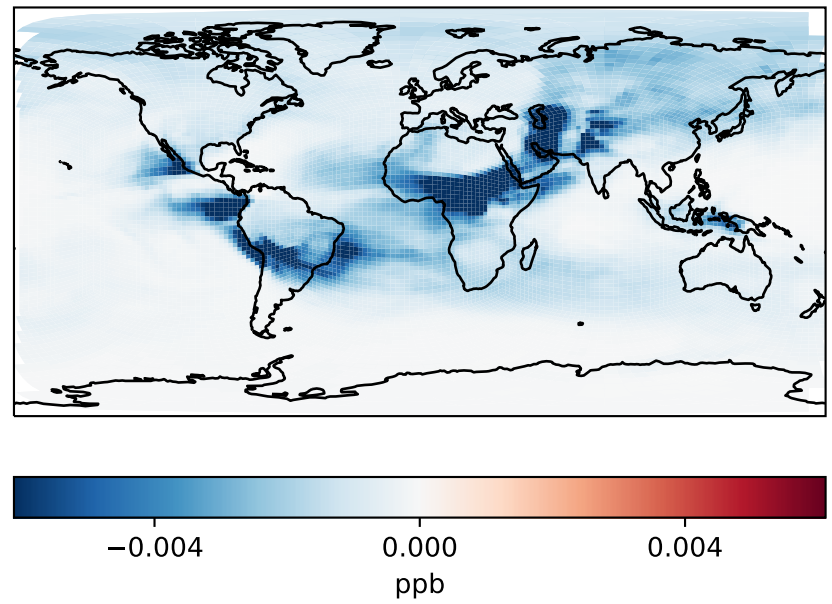


SpeciesConc_SOAIE

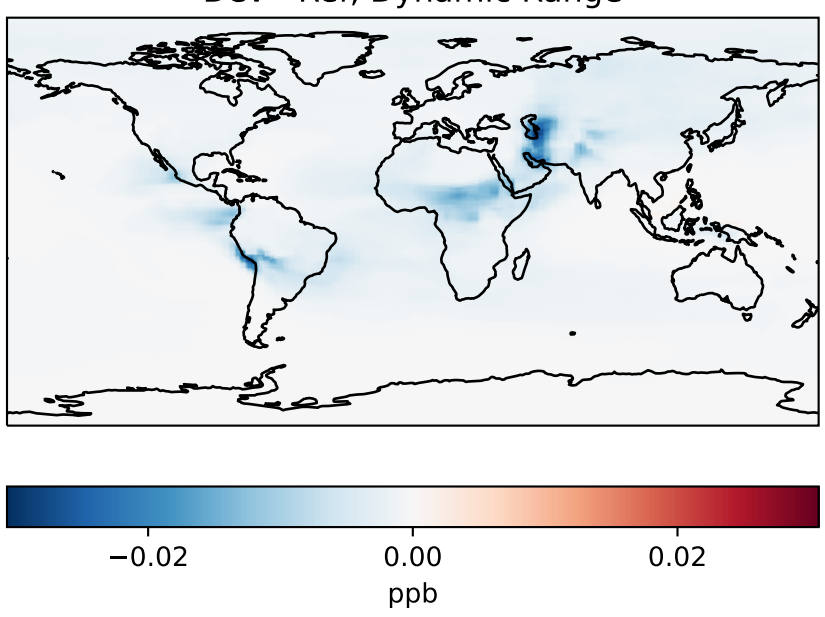
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



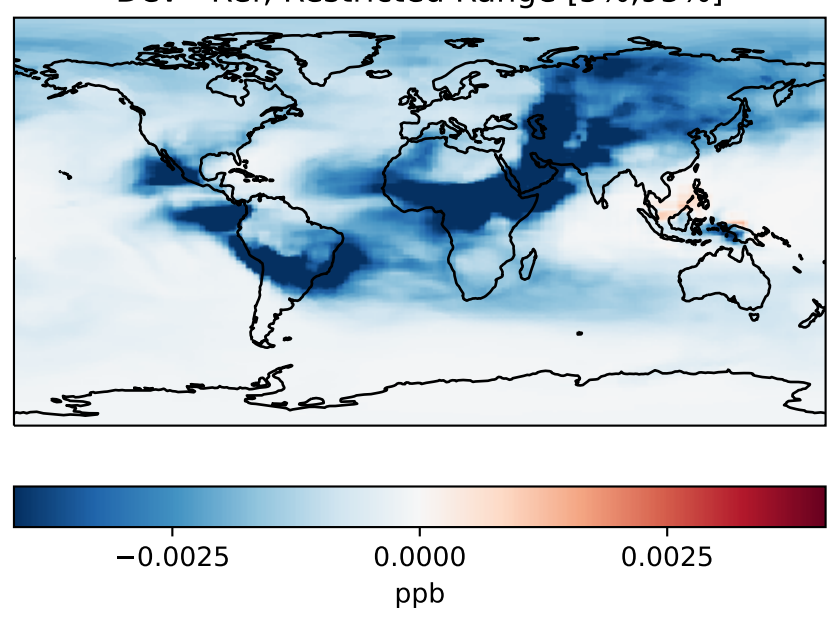
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



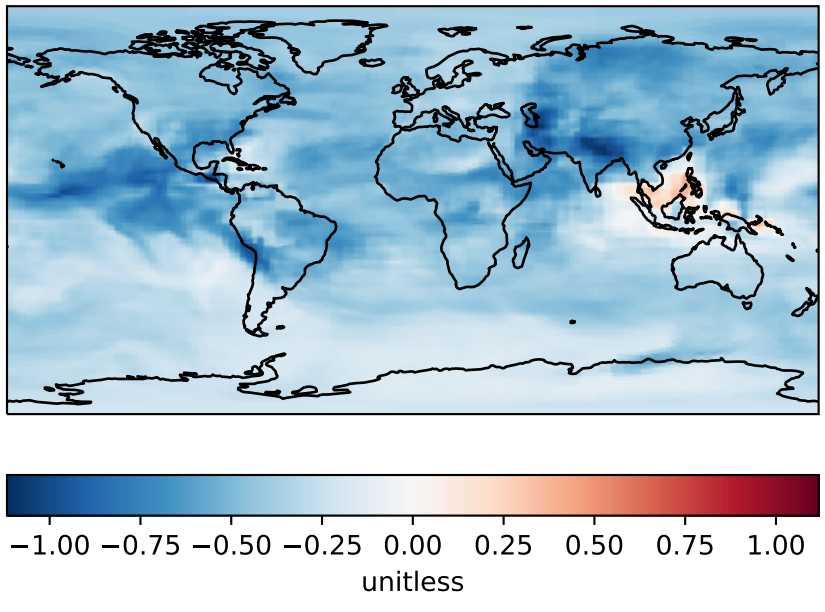
Difference (1x1.25)
Dev - Ref, Dynamic Range



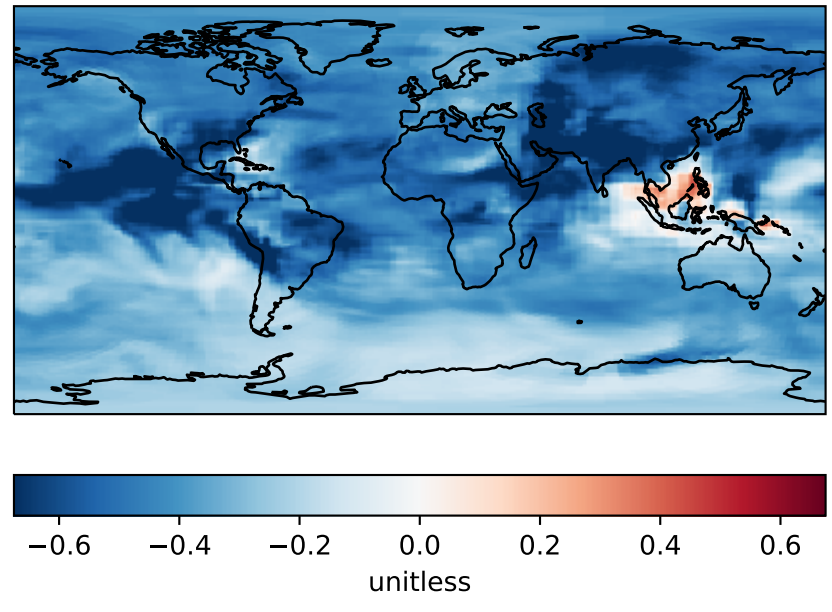
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

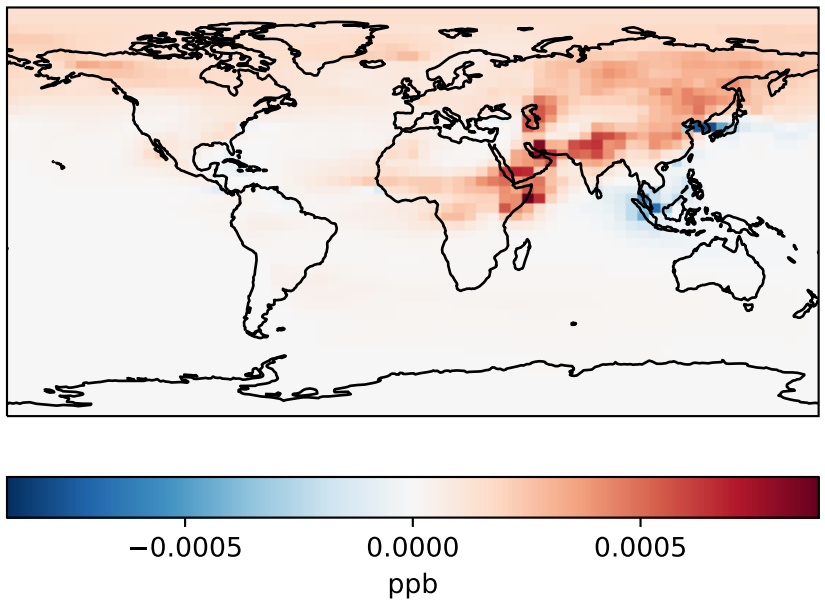


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

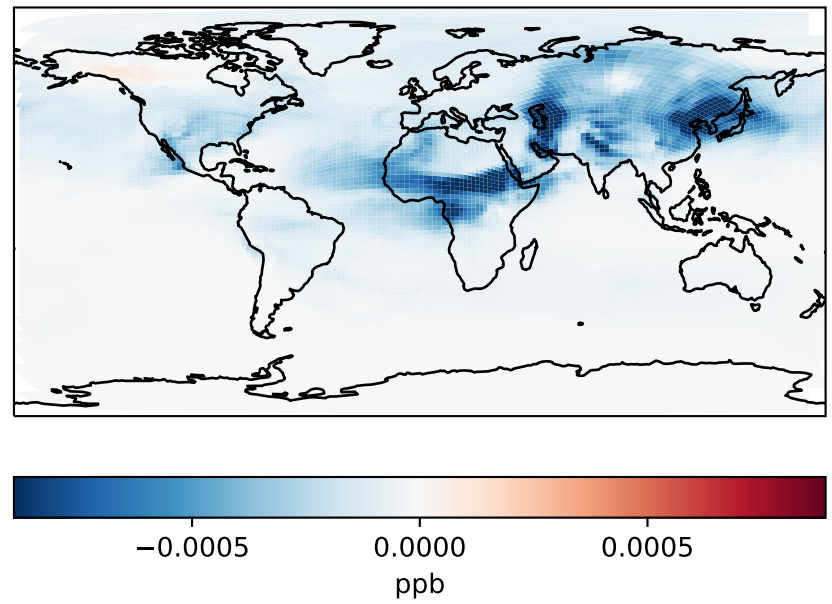


SpeciesConc_SOAGX

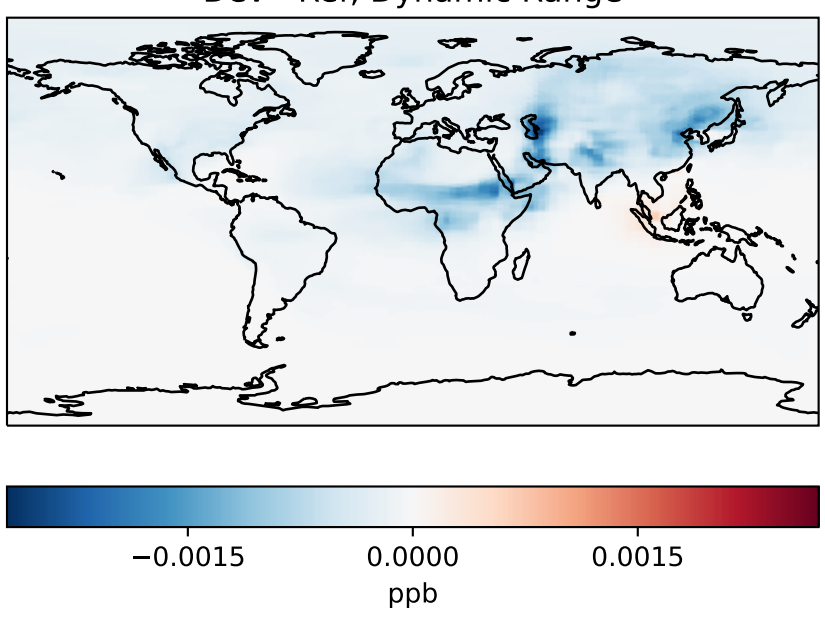
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



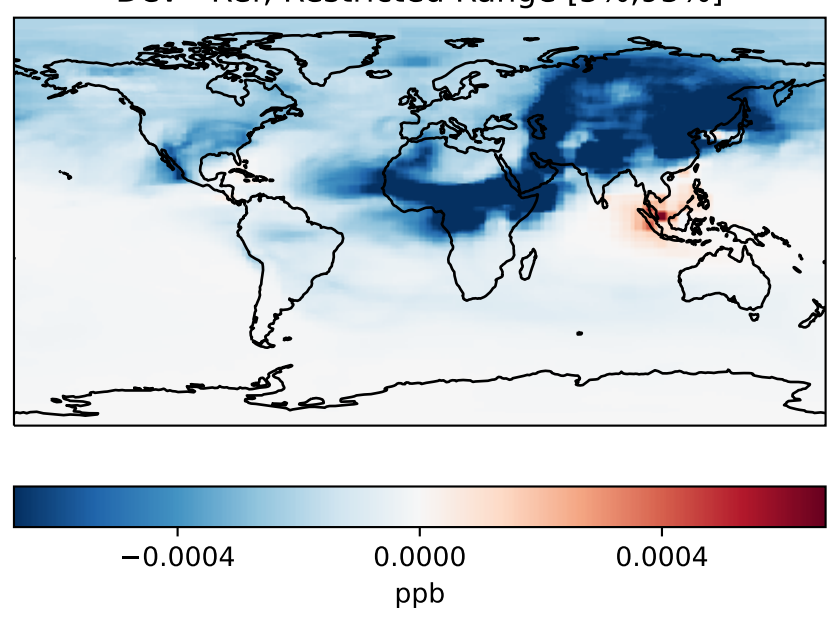
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



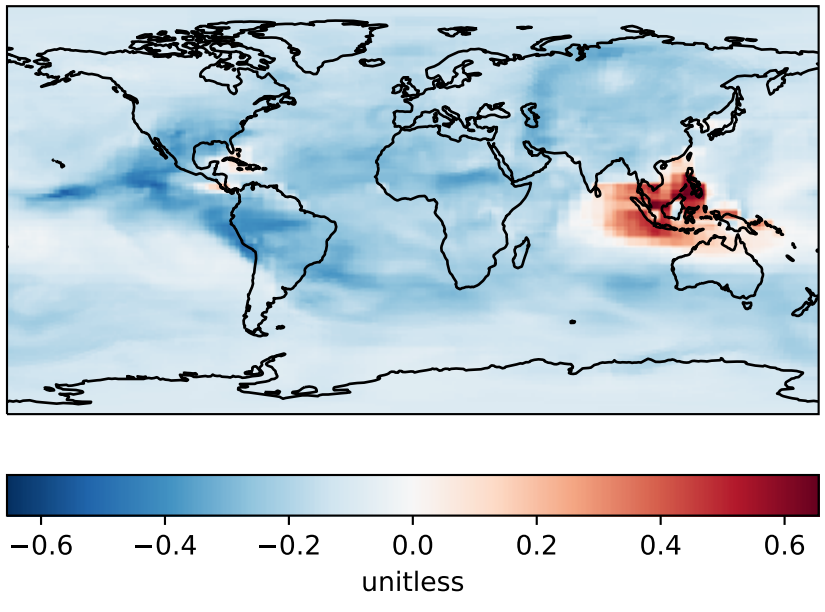
Difference (1x1.25)
Dev - Ref, Dynamic Range



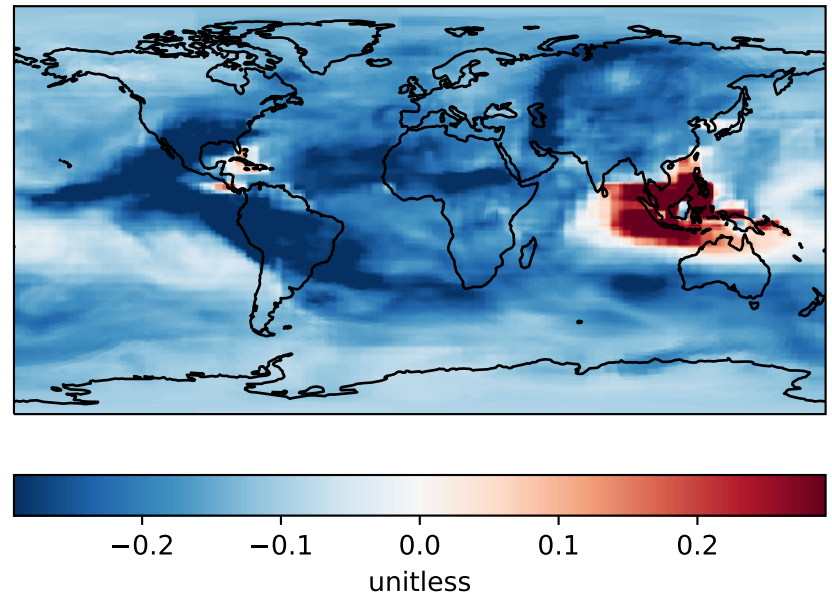
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

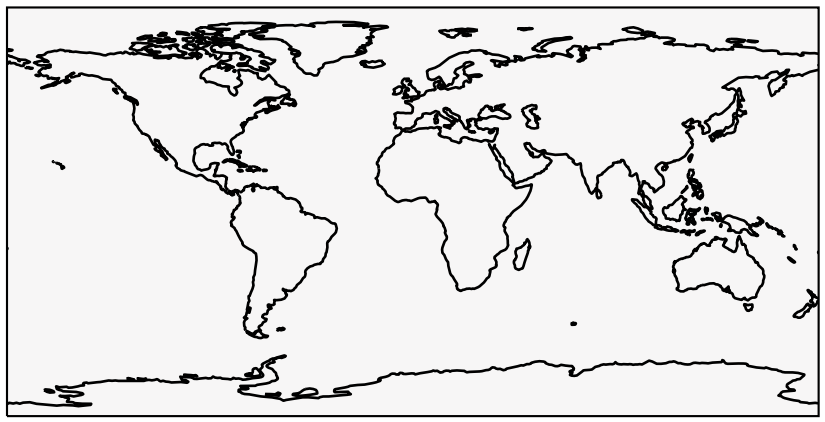


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



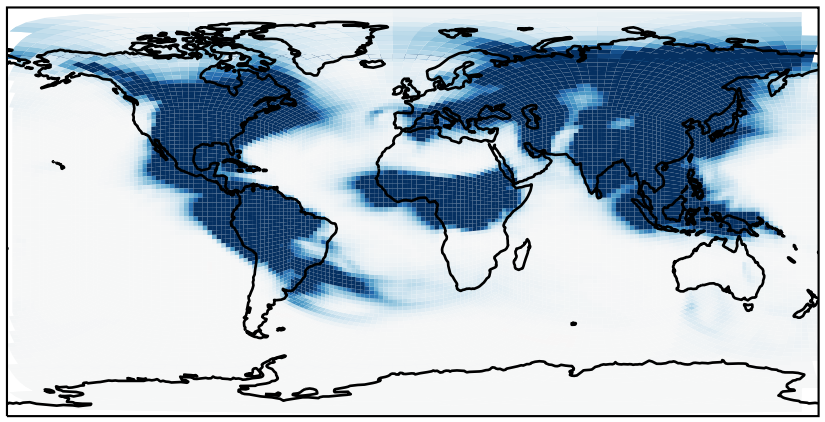
SpeciesConc_SOAP

GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



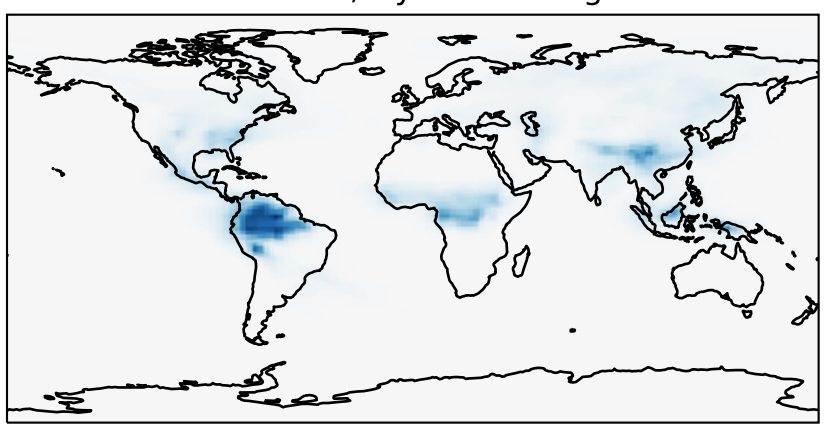
Zero throughout domain
ppb

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



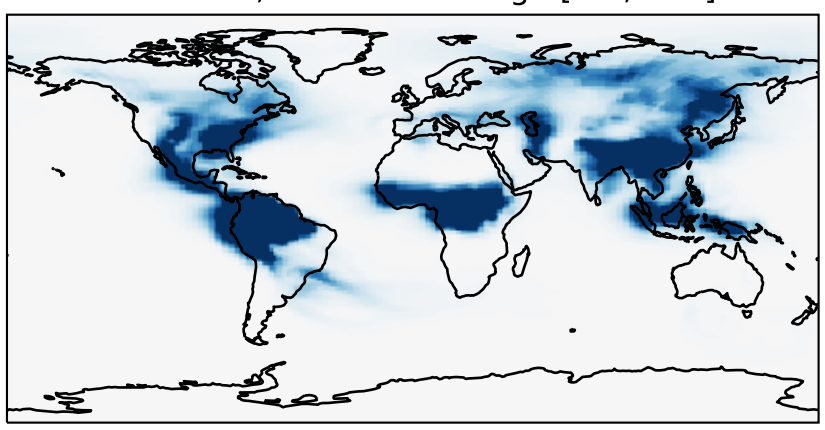
−6 0 6
ppb
1e−5

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



−0.0025 0.0000 0.0025
ppb

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



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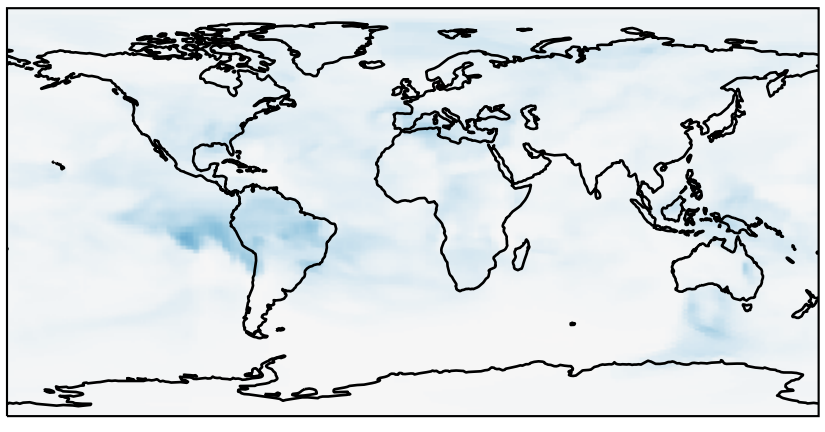
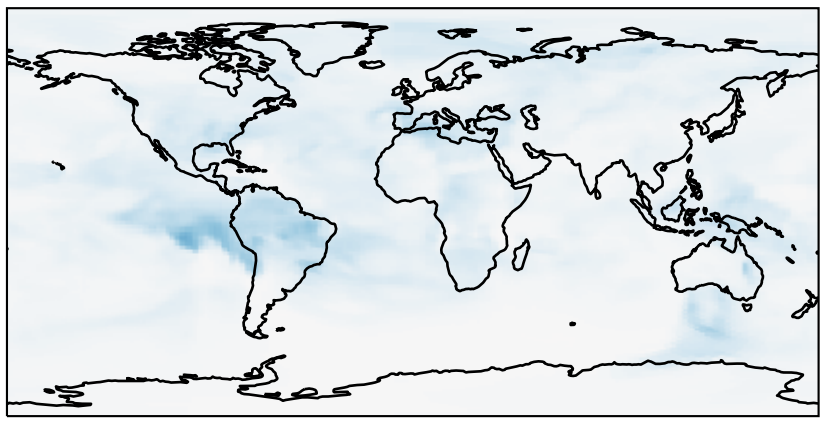
ppb

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



Undefined throughout domain
unitless

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



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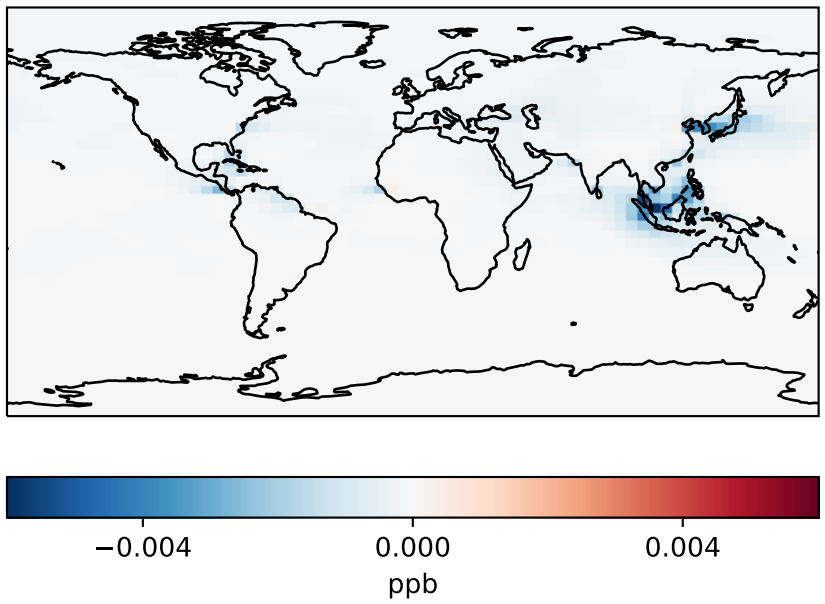
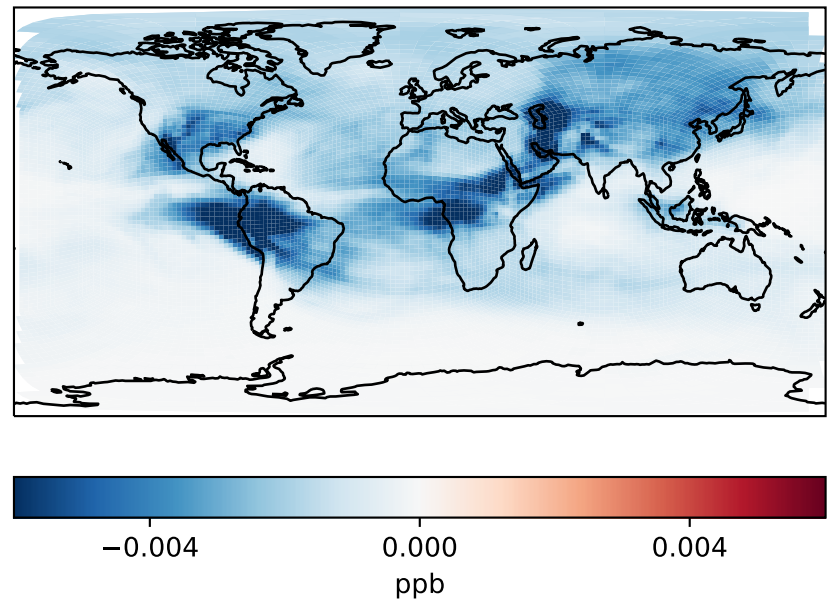
SpeciesConc_SOAS

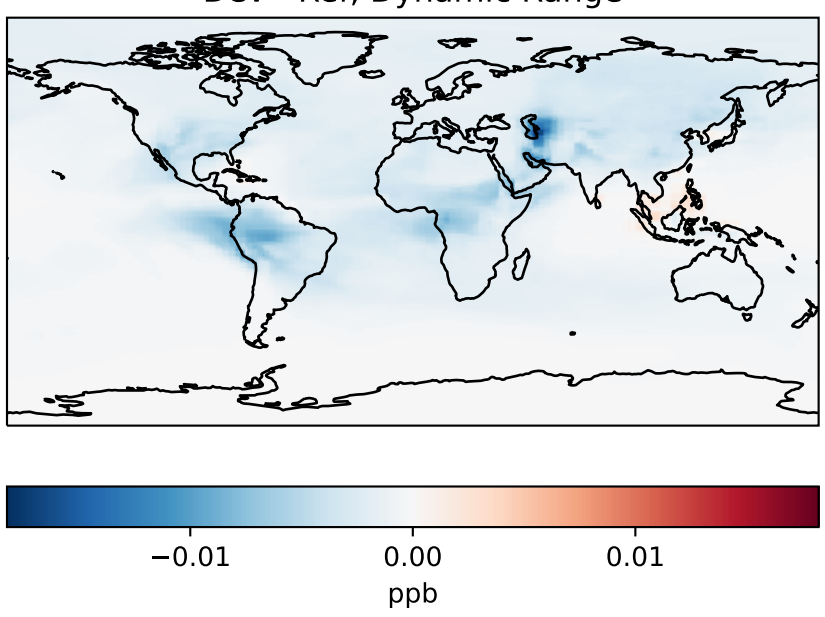
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



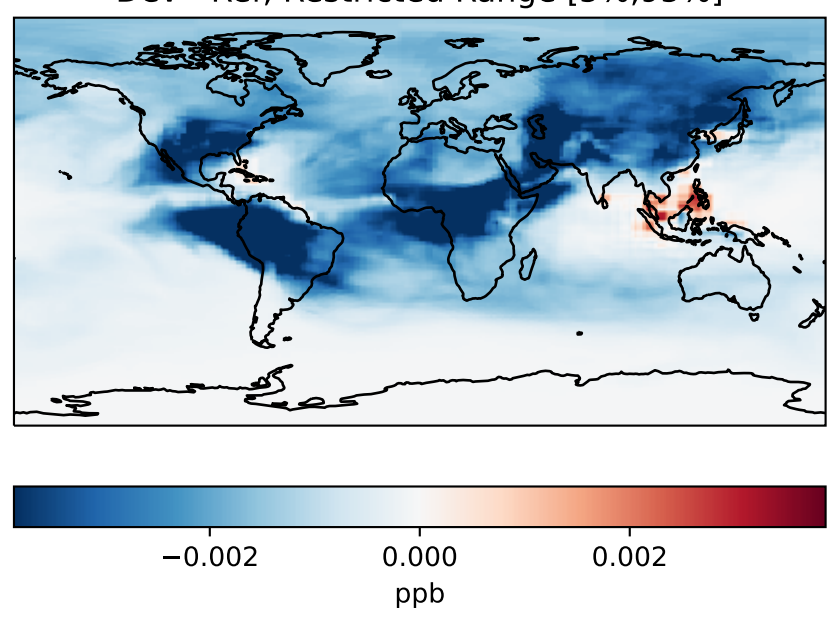
GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



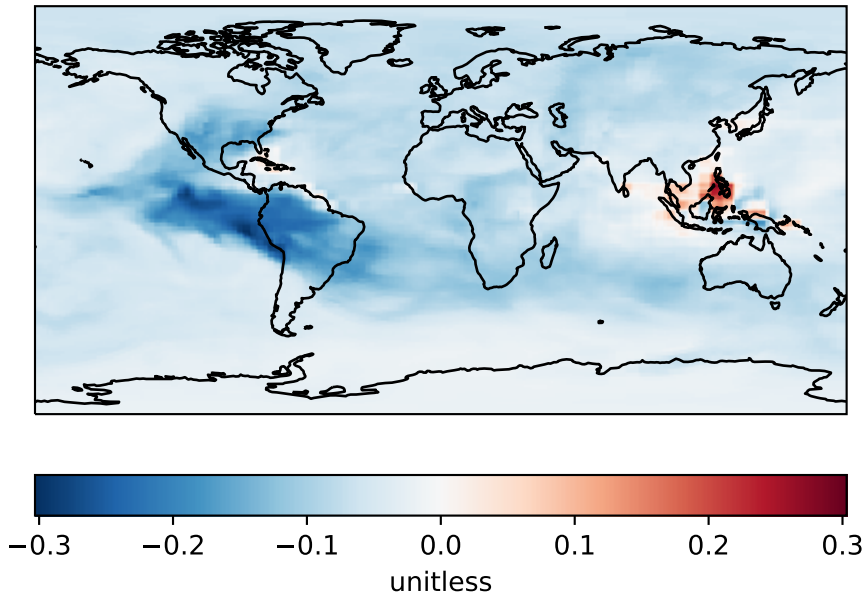
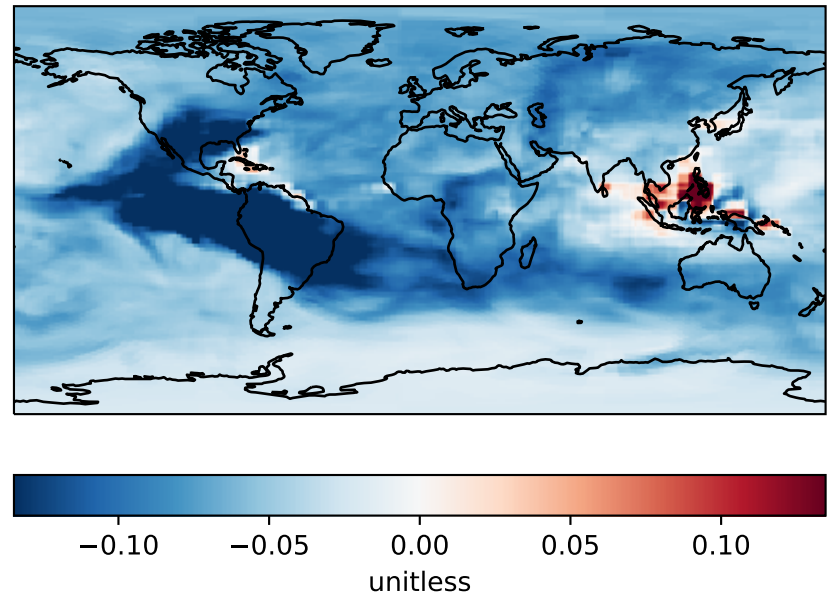
Difference (1x1.25)
Dev - Ref, Dynamic Range



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



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



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