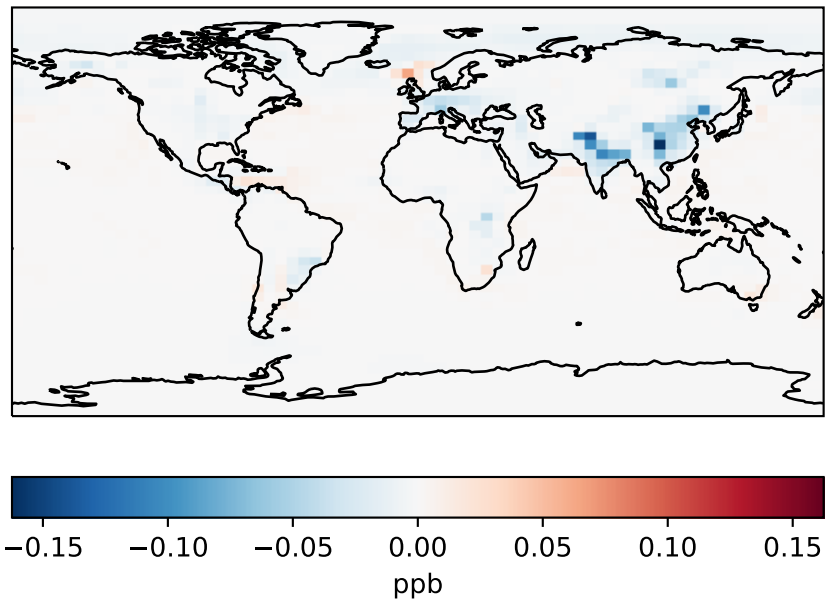
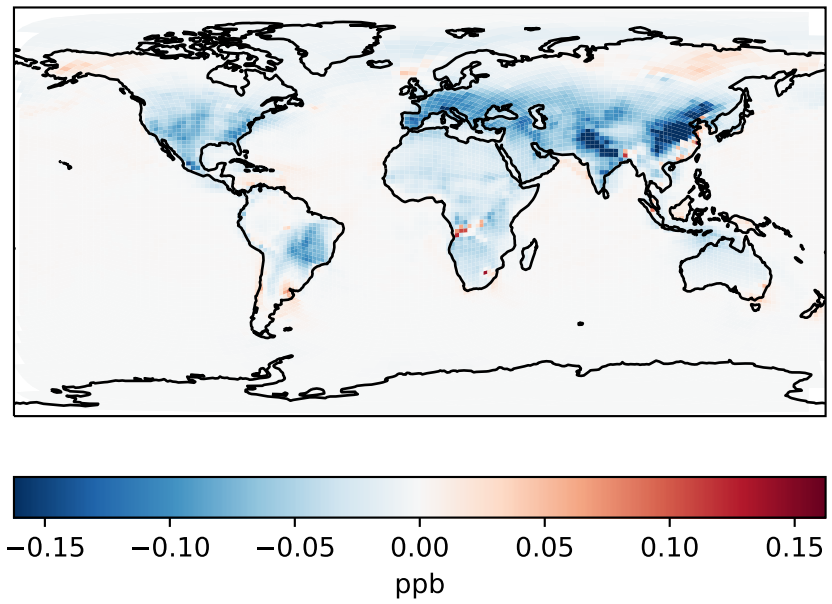
# SpeciesConc_NOy

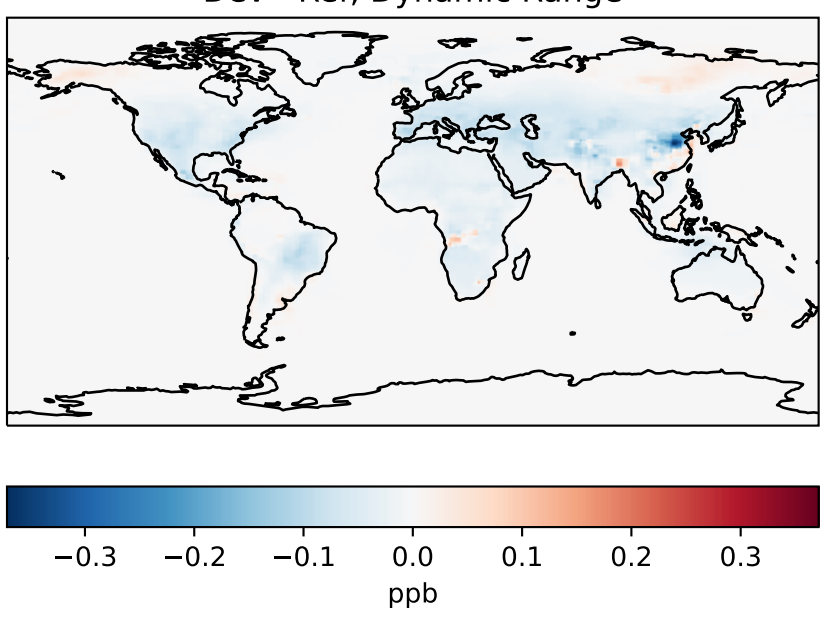
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



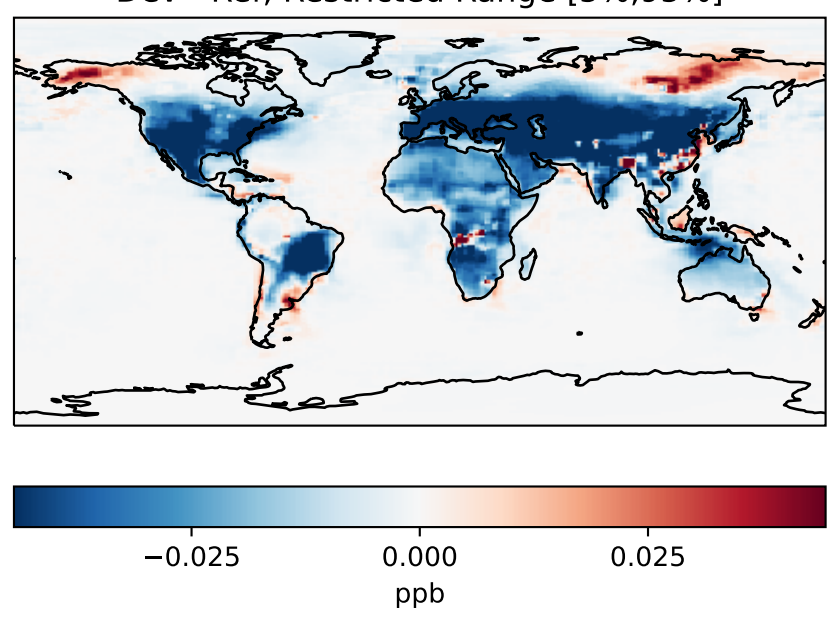

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



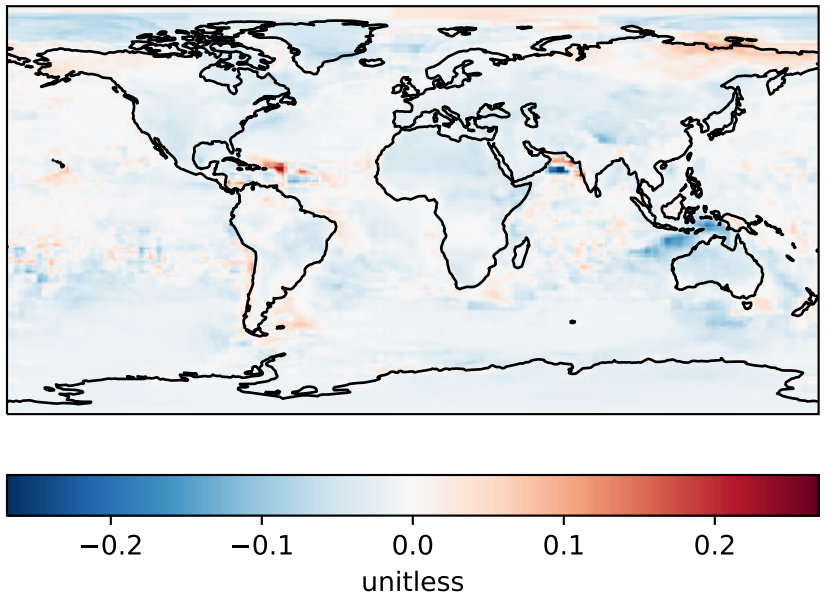

Difference (1x1.25)
Dev - Ref, Dynamic Range



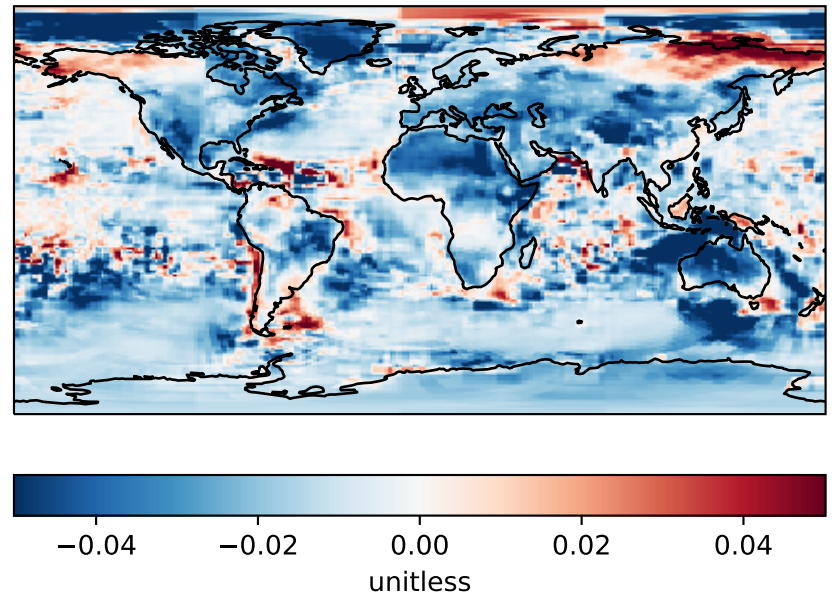

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

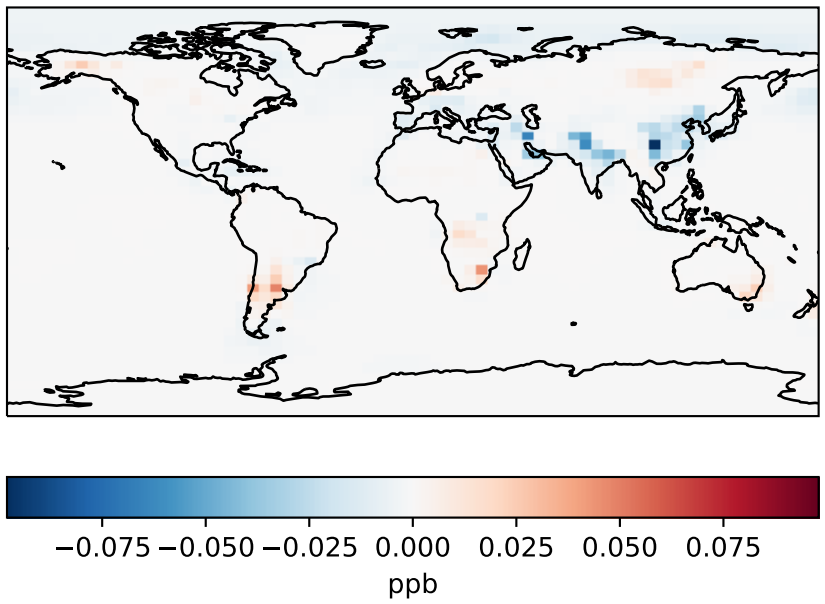



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

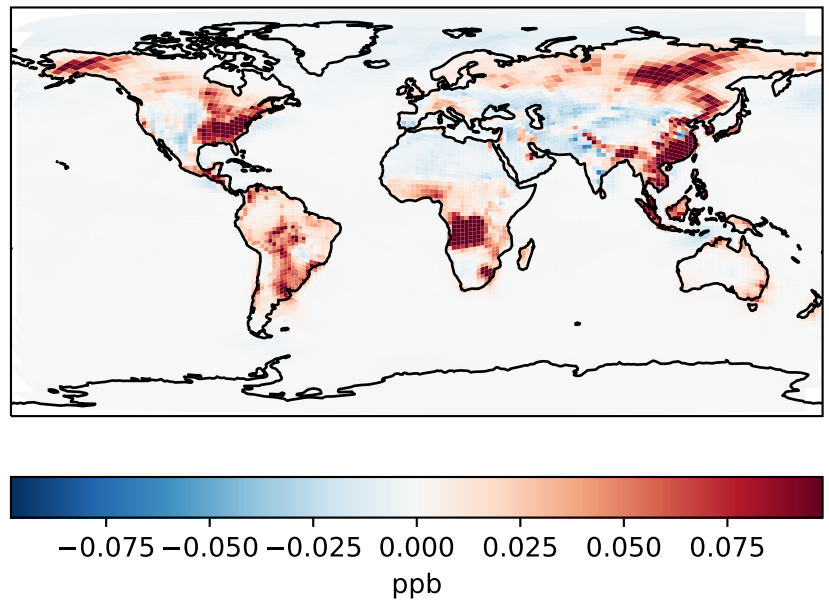


# SpeciesConc_NOx

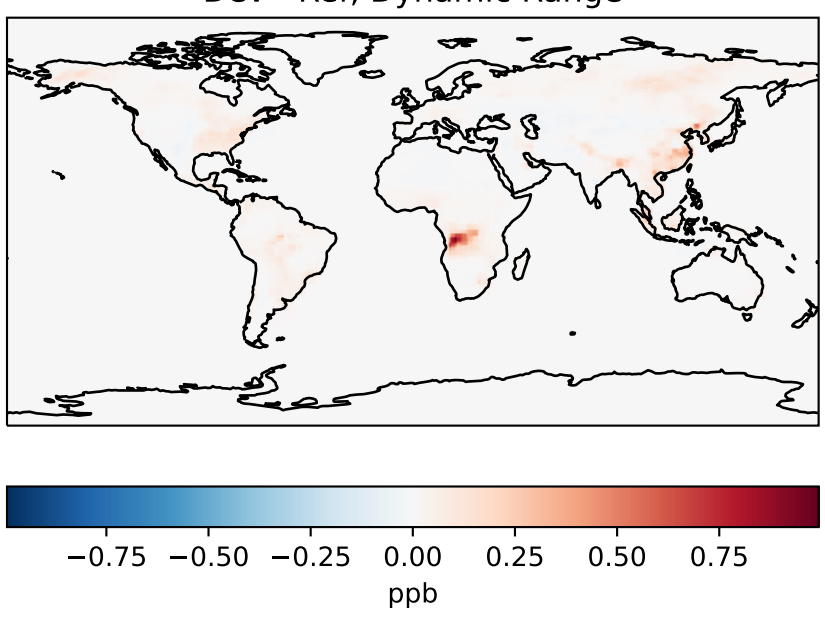
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



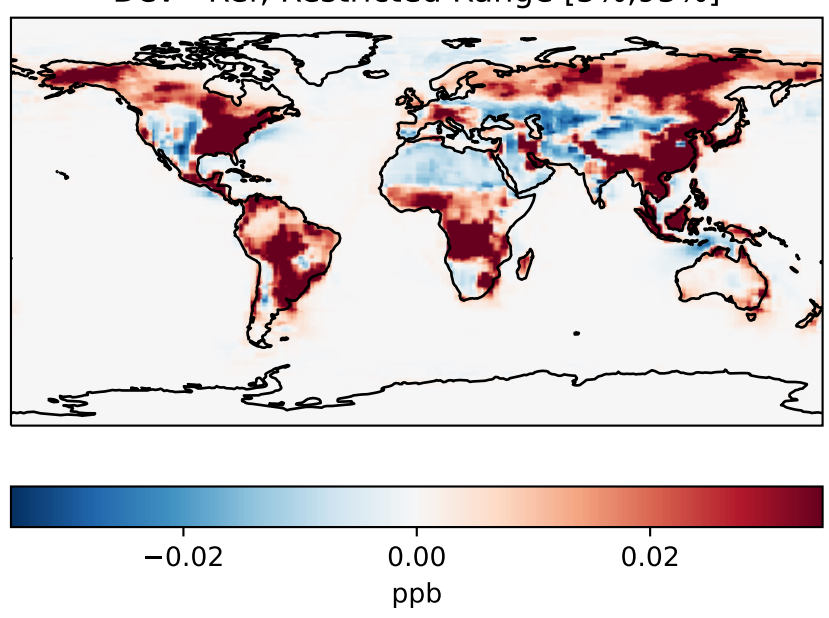

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



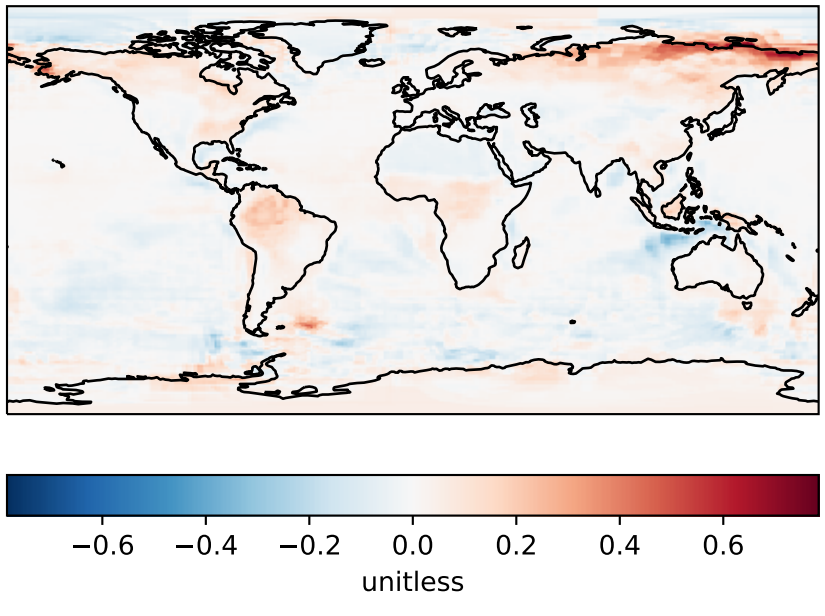

Difference (1x1.25)
Dev - Ref, Dynamic Range



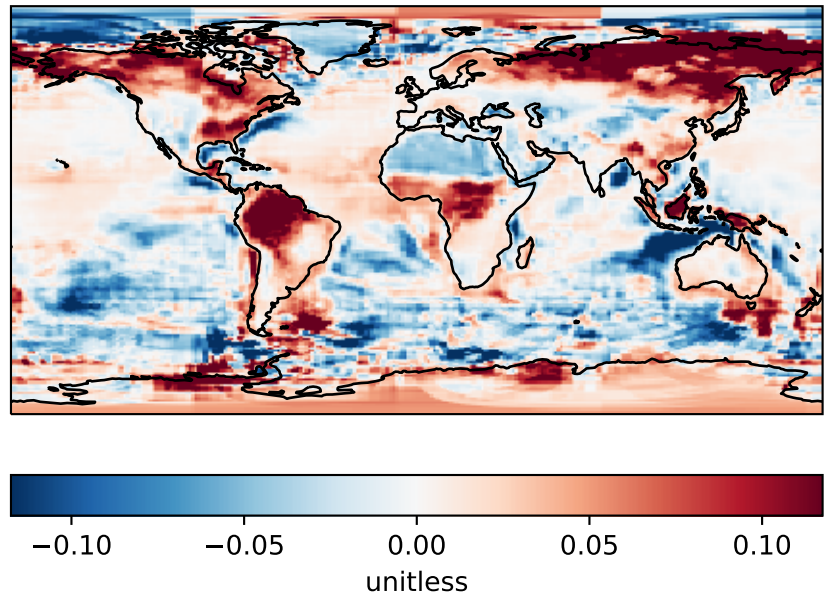

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

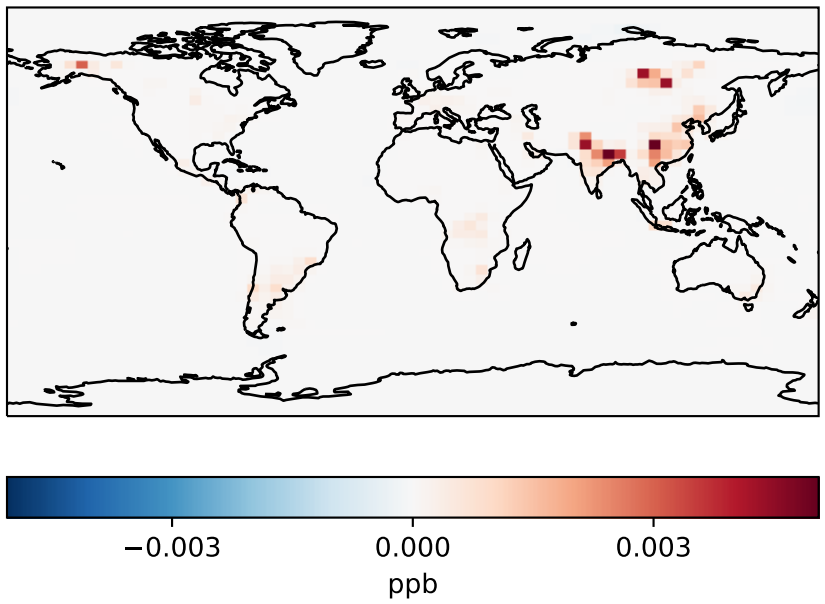



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

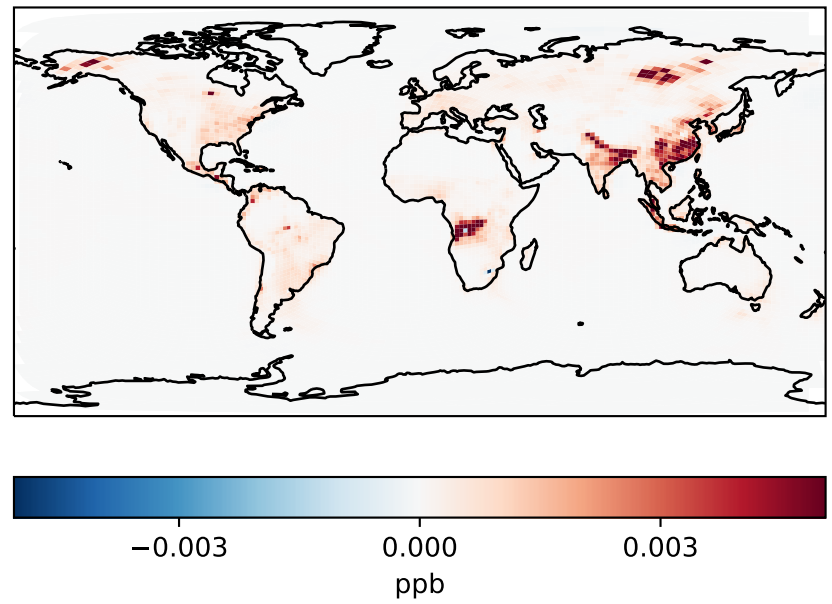


# SpeciesConc_HNO2

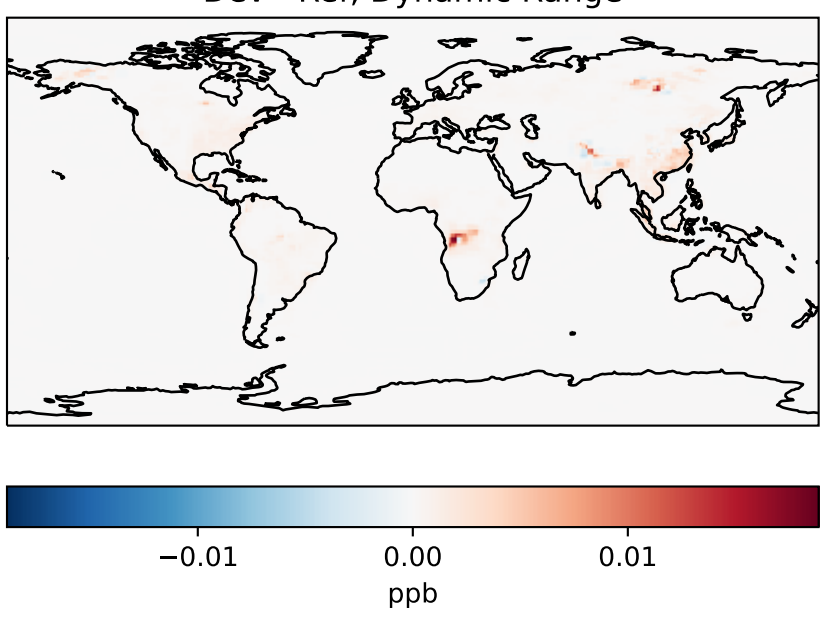
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



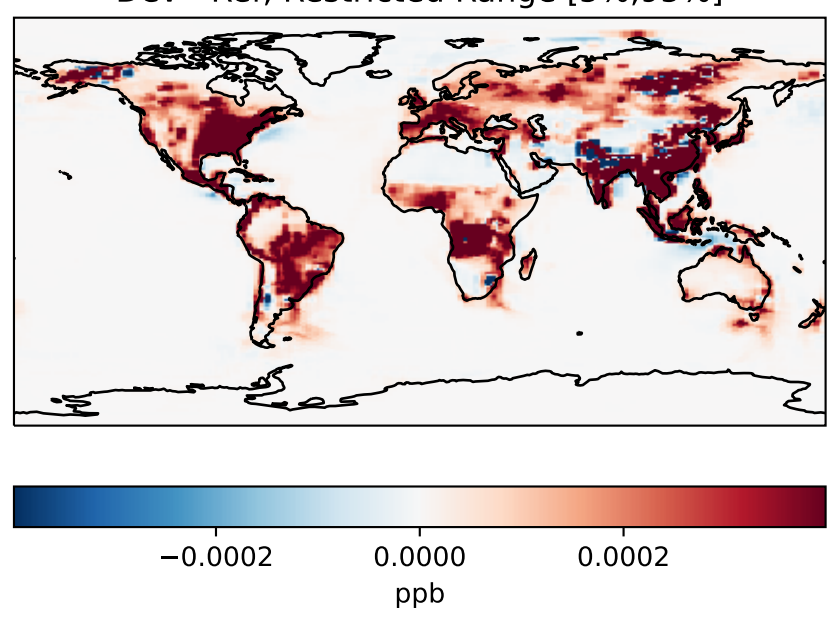

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



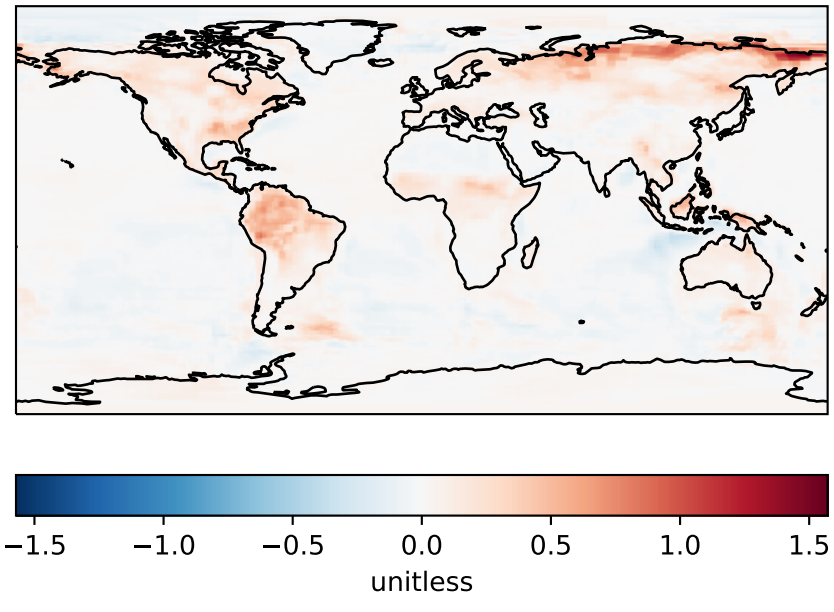

Difference (1x1.25)
Dev - Ref, Dynamic Range



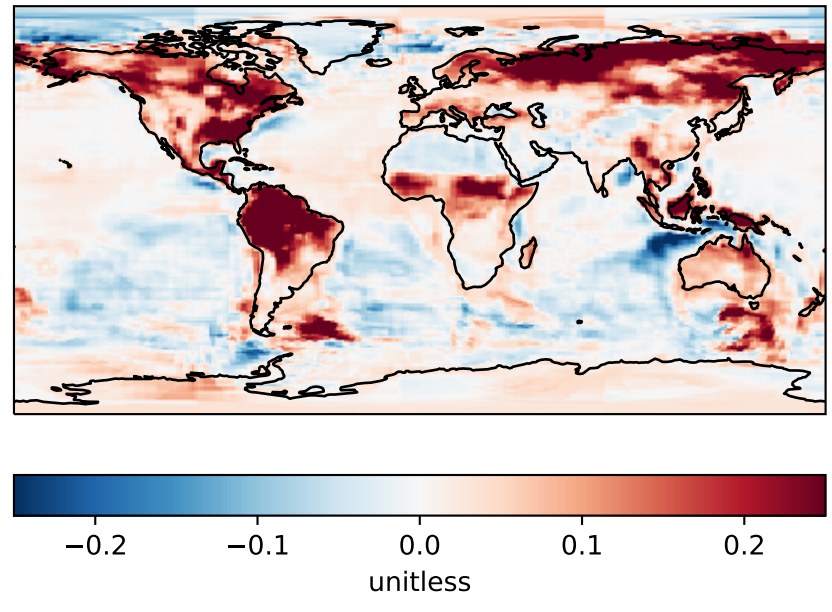

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

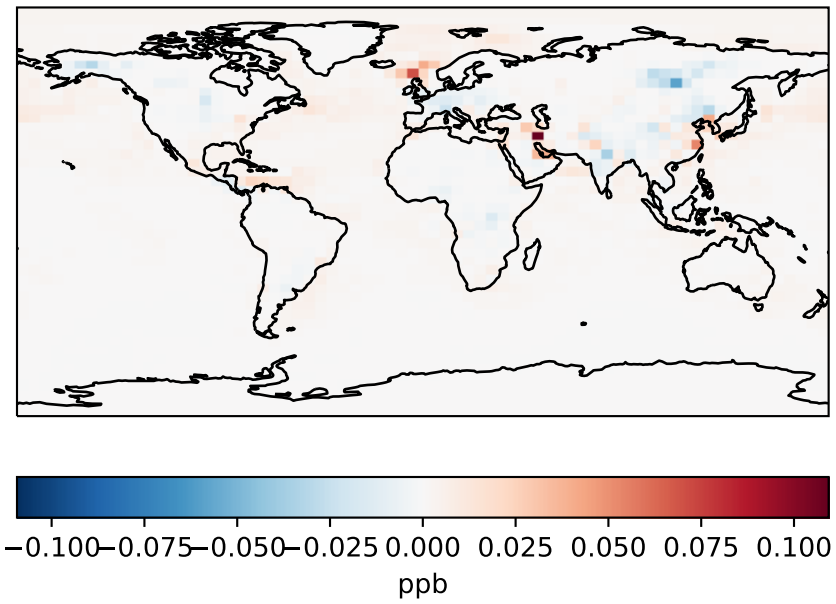



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

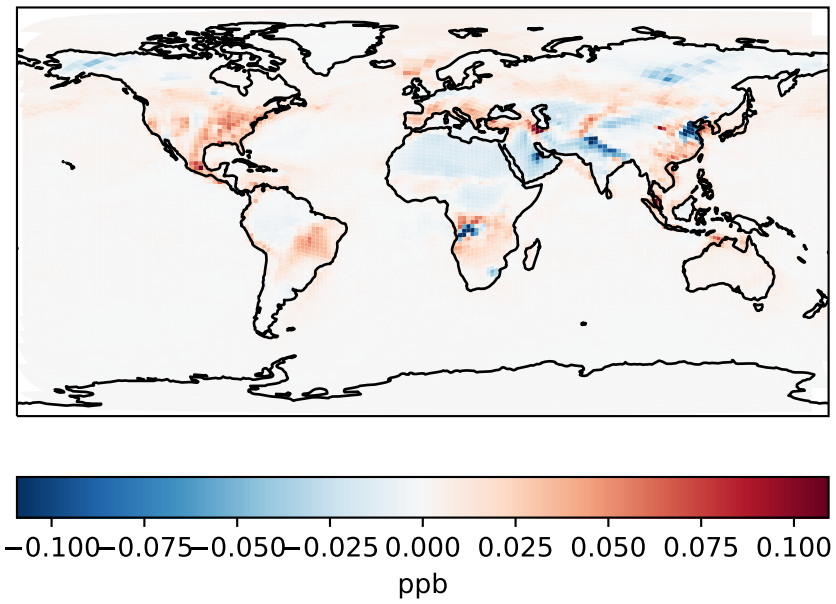


# SpeciesConc_HNO3

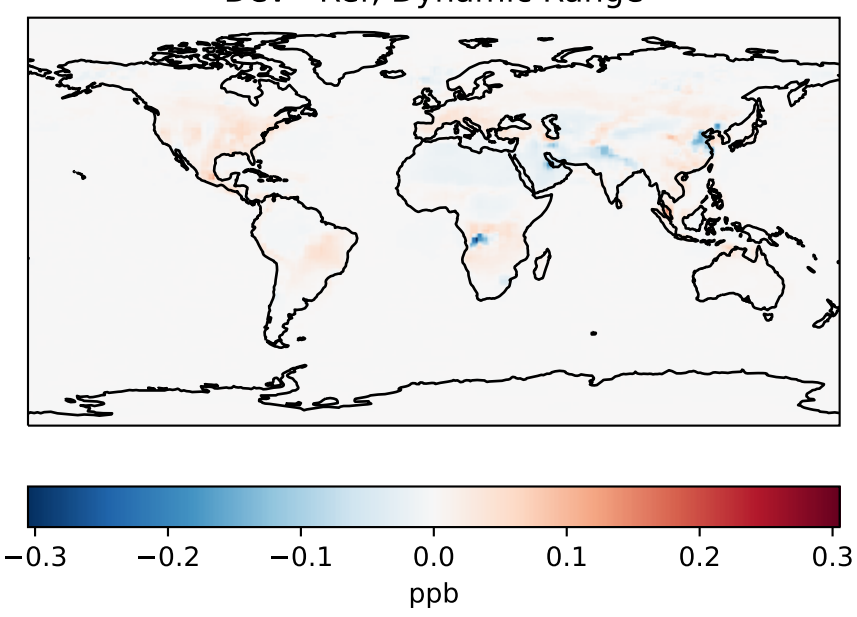
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



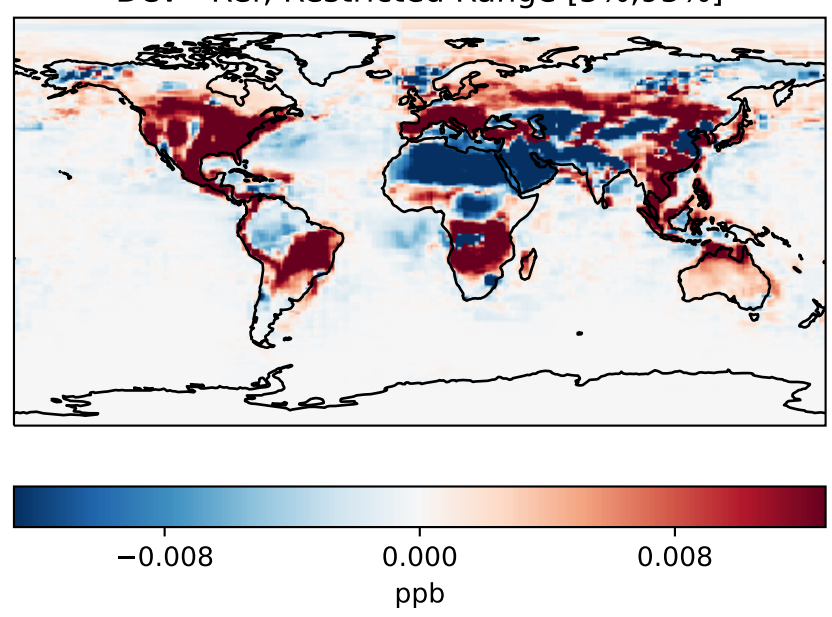

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



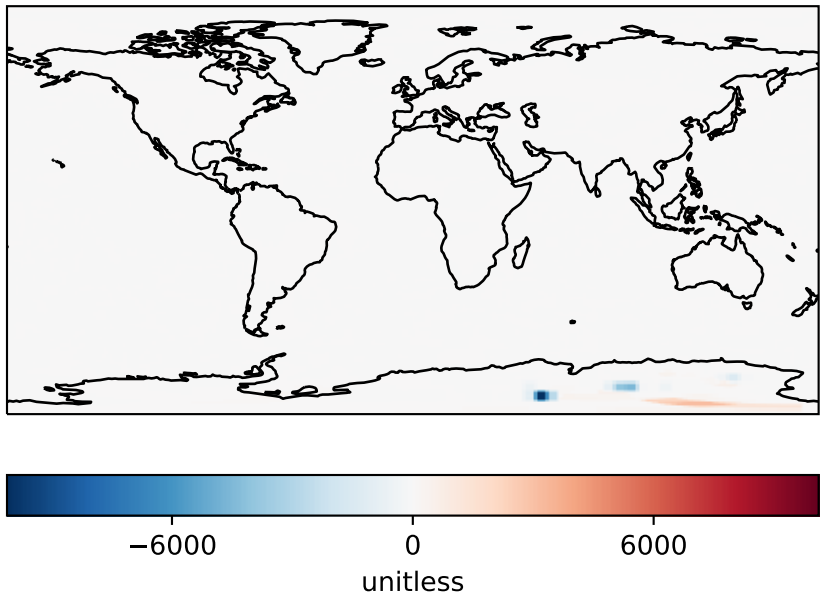

Difference (1x1.25)
Dev - Ref, Dynamic Range



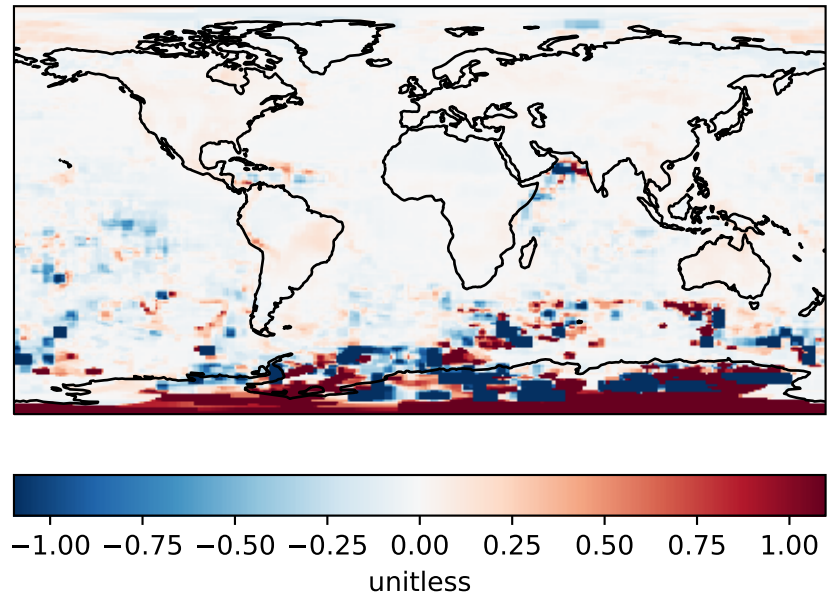

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

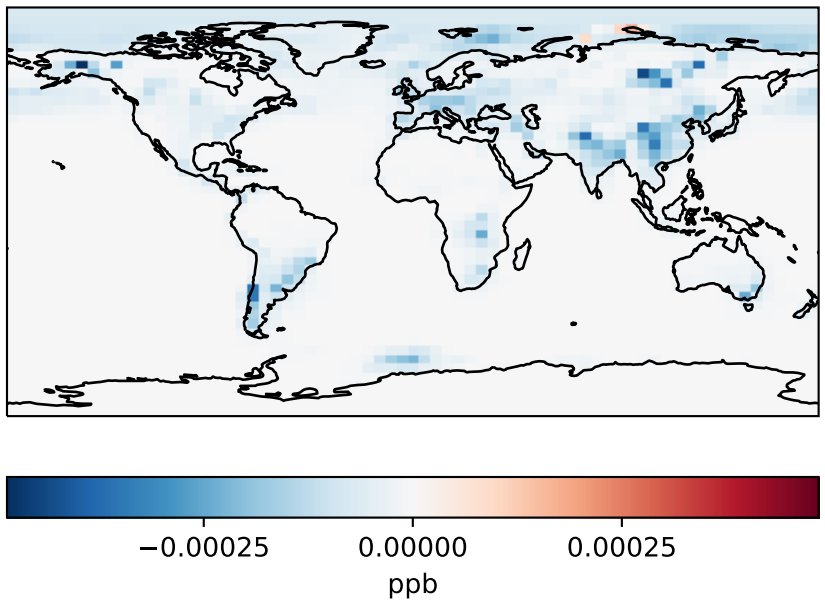



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

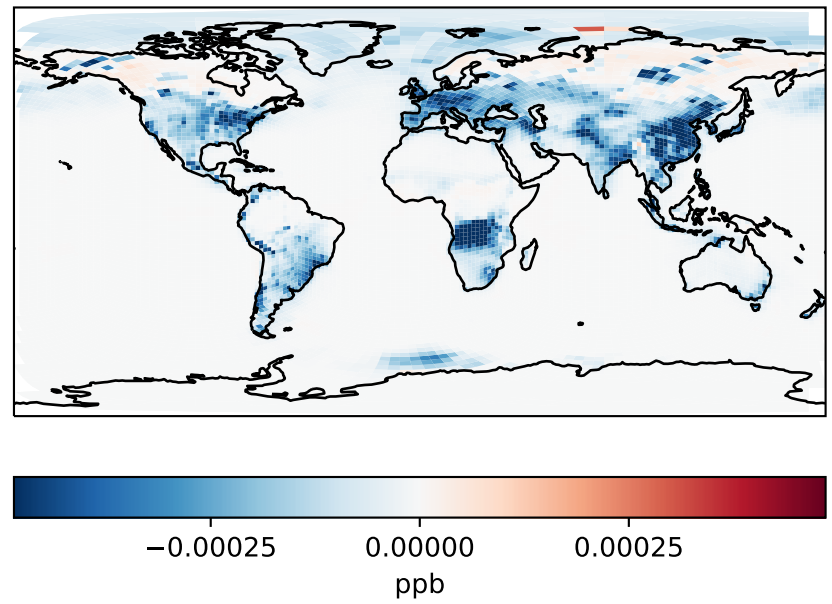


# SpeciesConc_HNO4

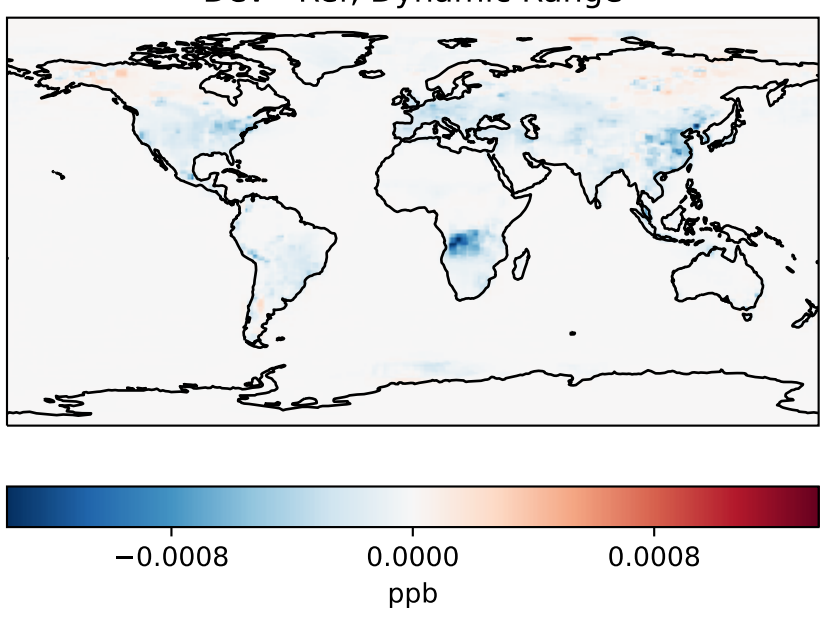
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



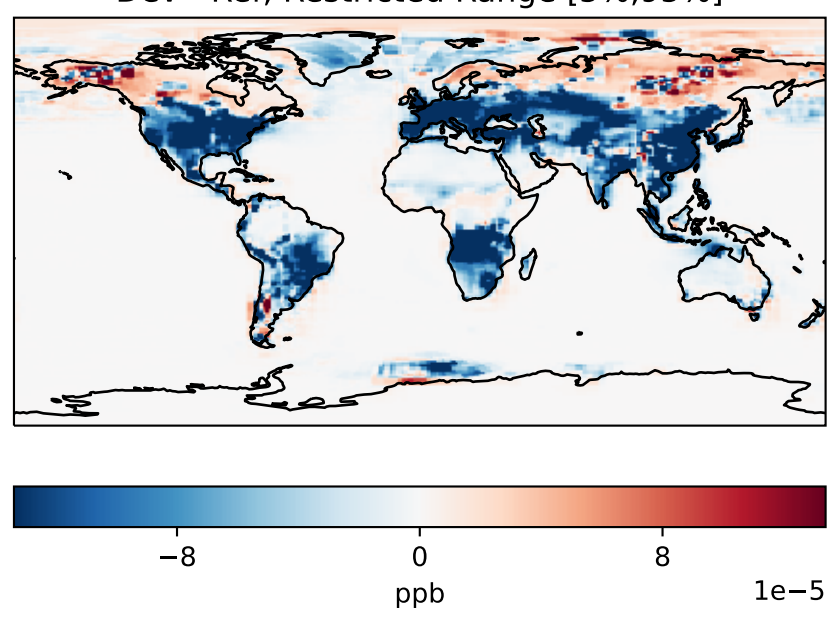

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



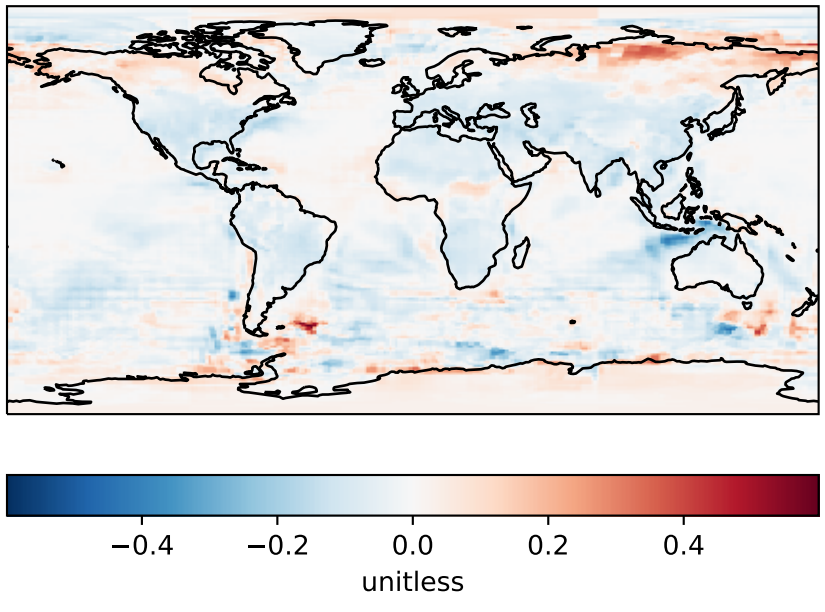

Difference (1x1.25)
Dev - Ref, Dynamic Range



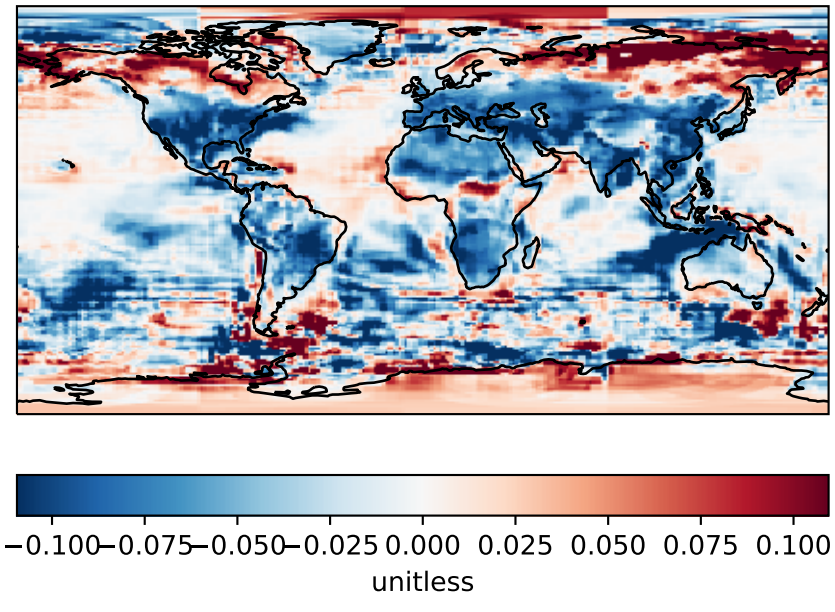

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

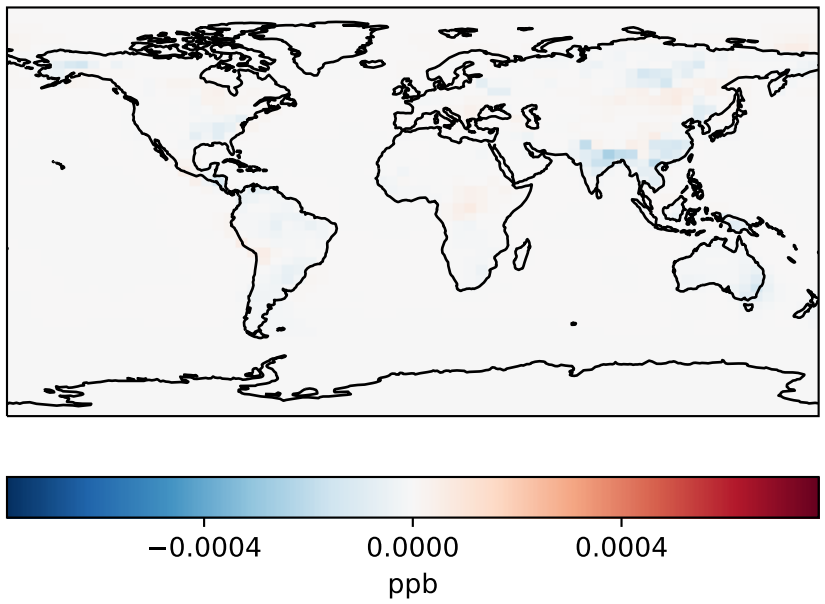



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

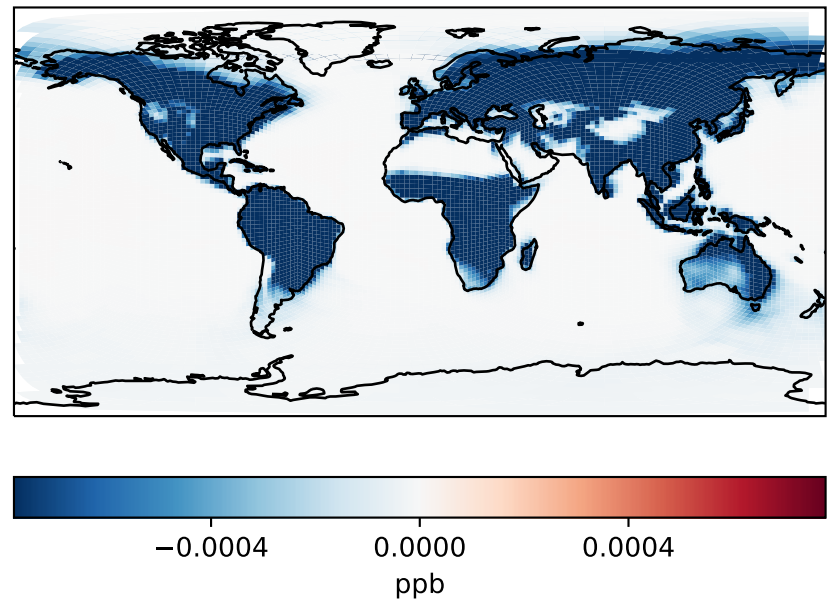


# SpeciesConc_MPAN

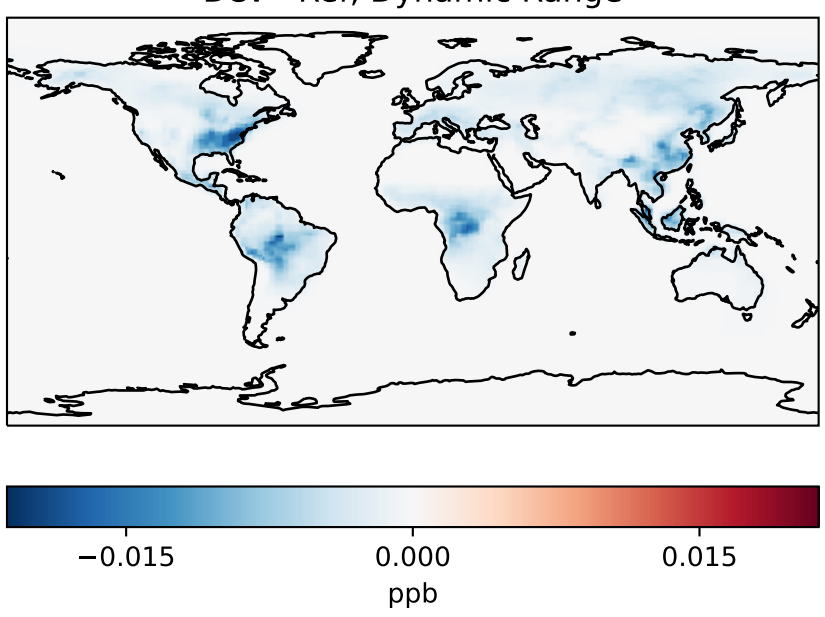
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



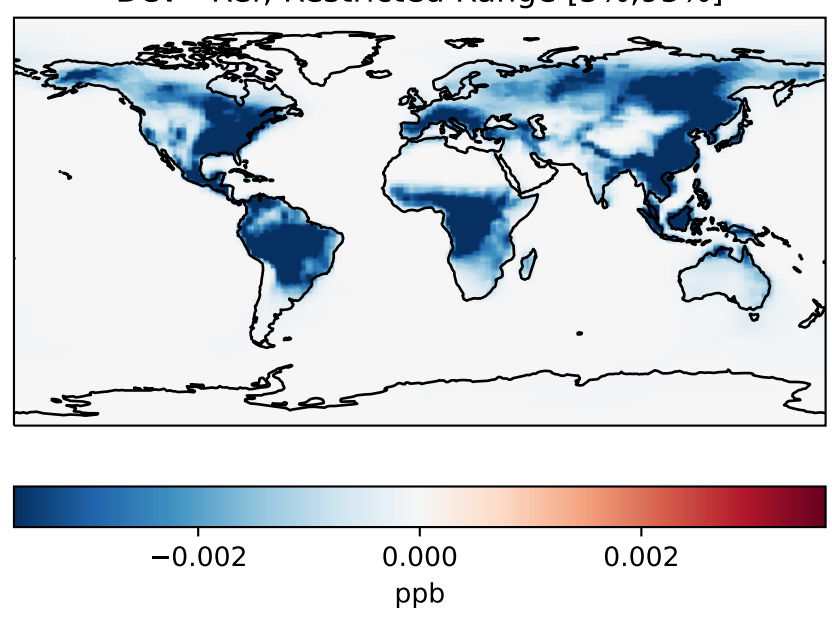

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



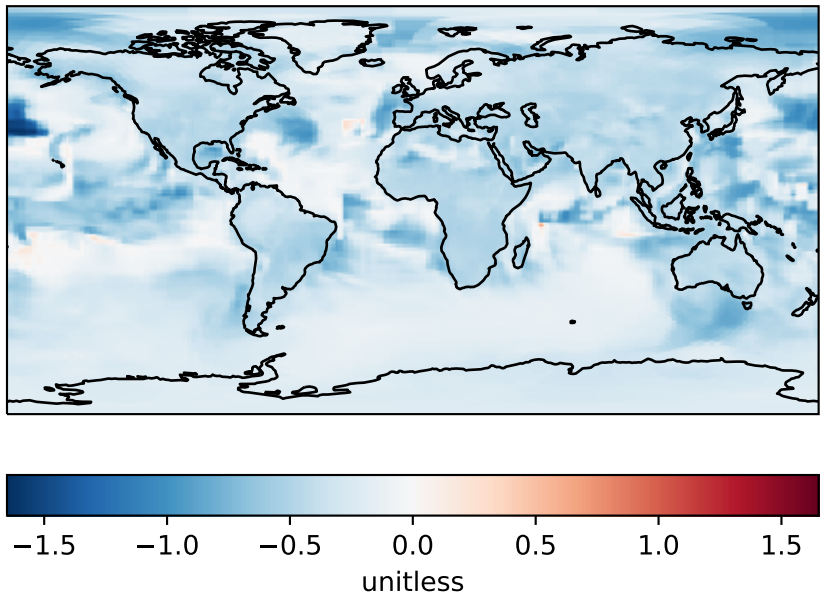

Difference (1x1.25)
Dev - Ref, Dynamic Range



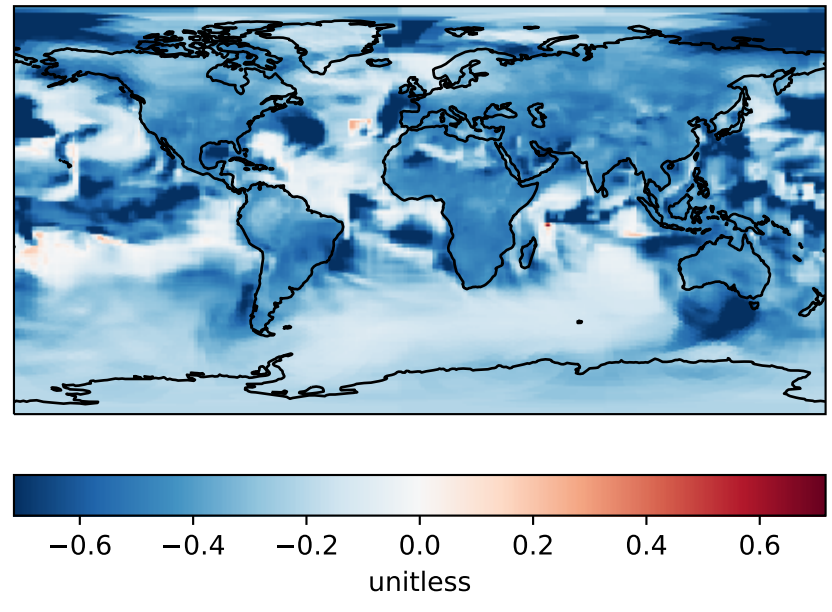

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

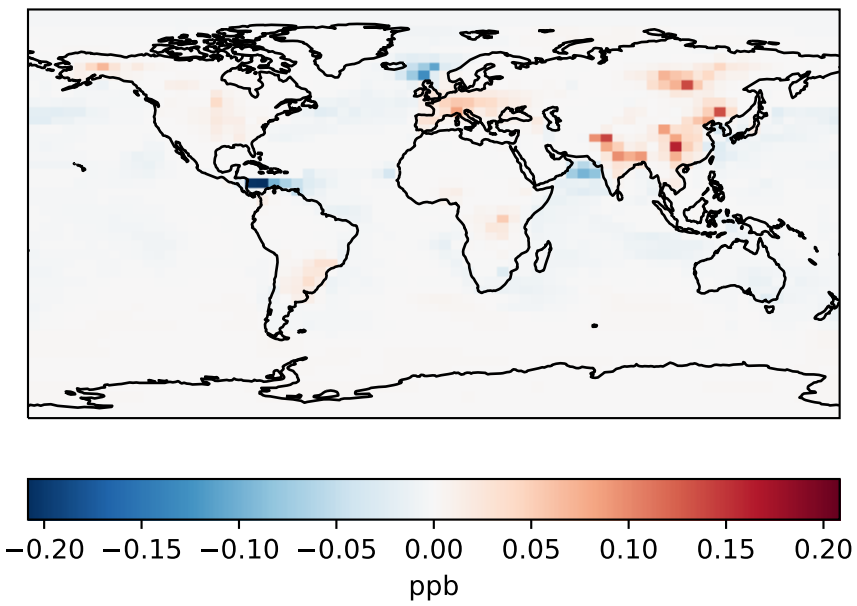



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

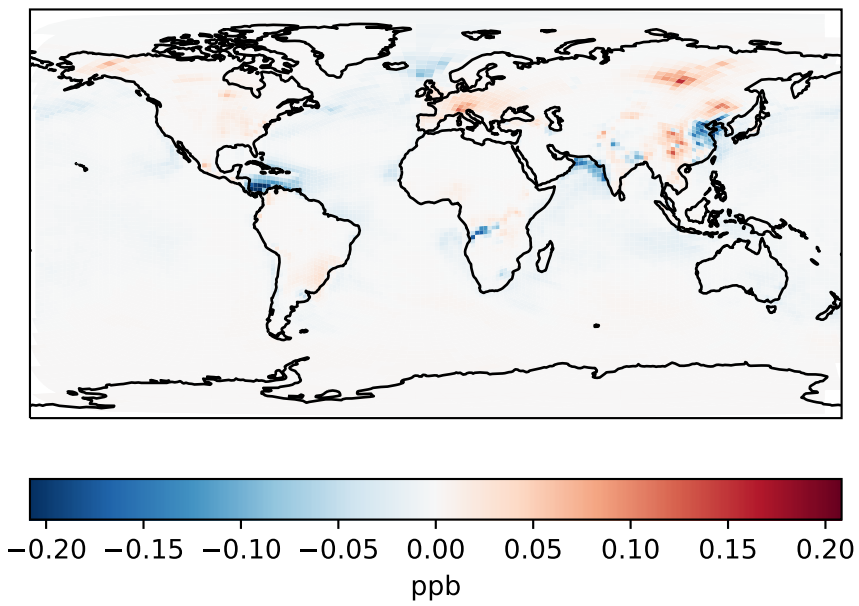


# SpeciesConc_NIT

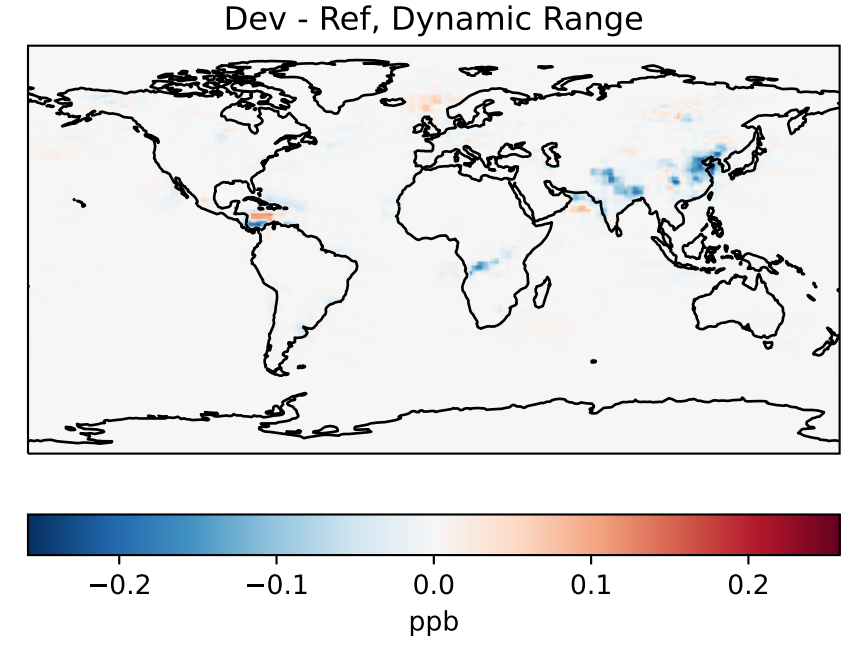
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



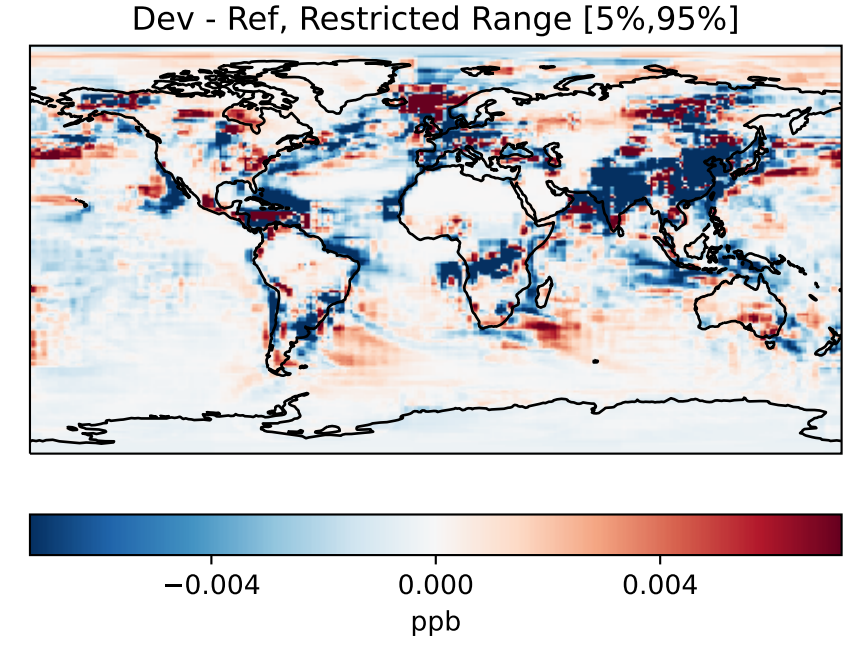

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



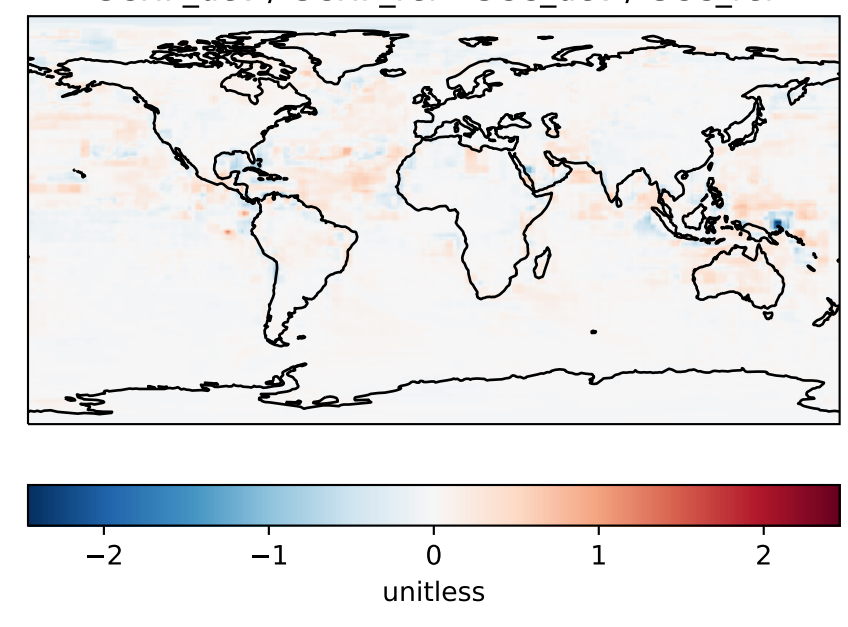

Difference (1x1.25)
Dev - Ref, Dynamic Range



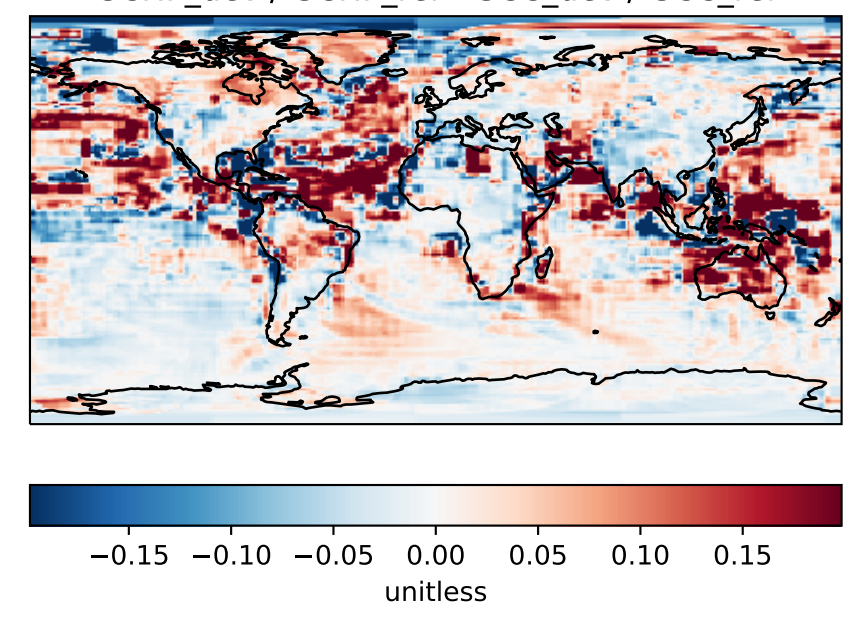

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

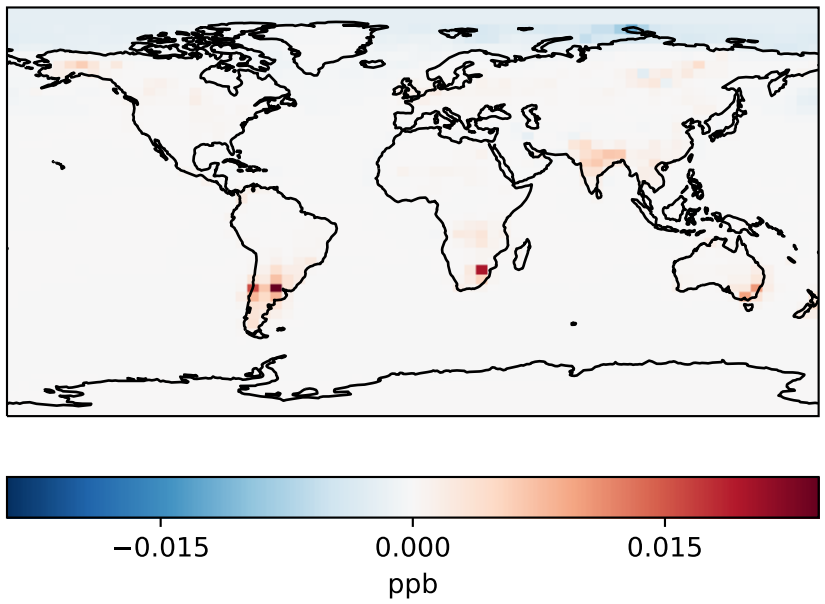



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

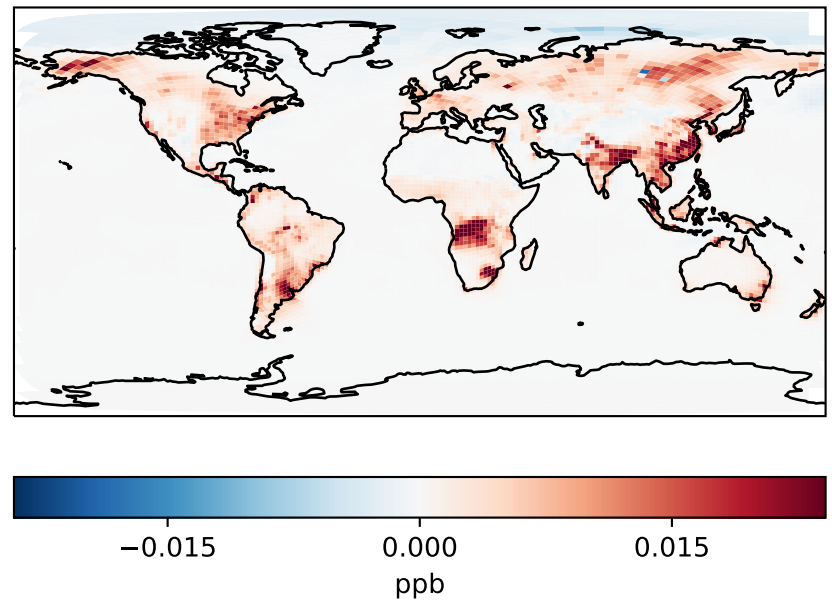


# SpeciesConc_NO

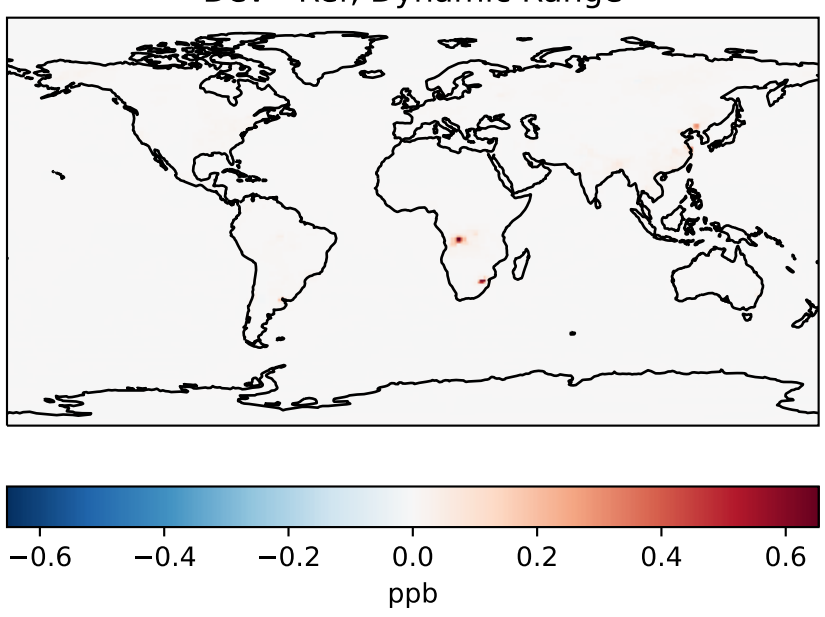
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



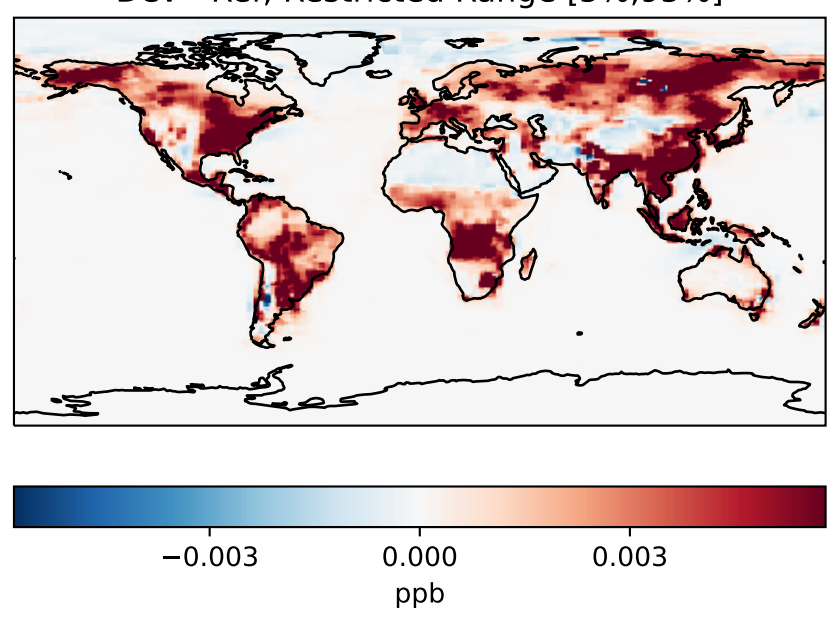

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



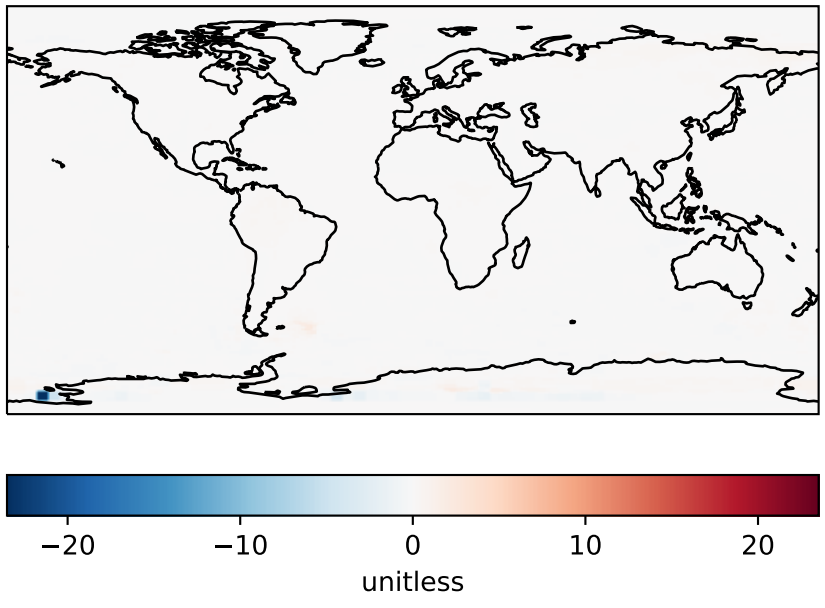

Difference (1x1.25)
Dev - Ref, Dynamic Range



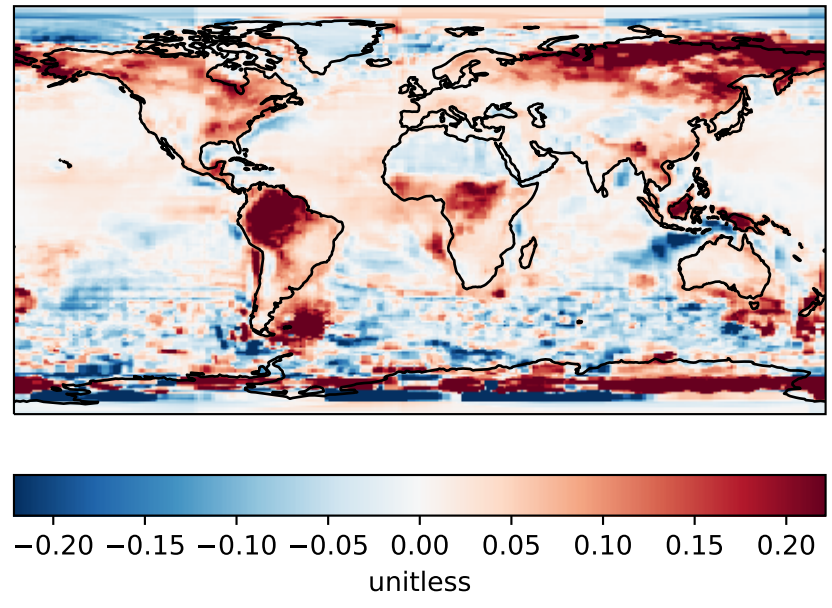

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

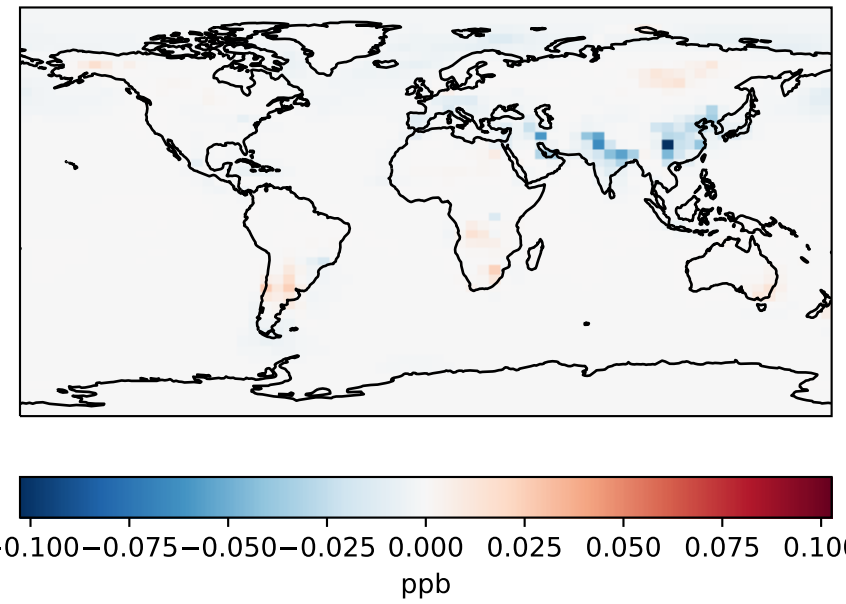



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

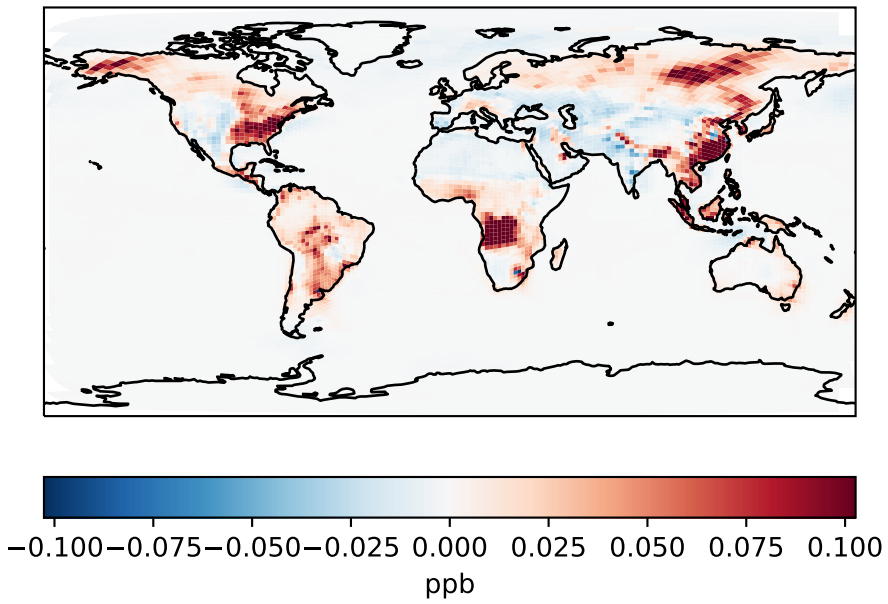


# SpeciesConc_NO2

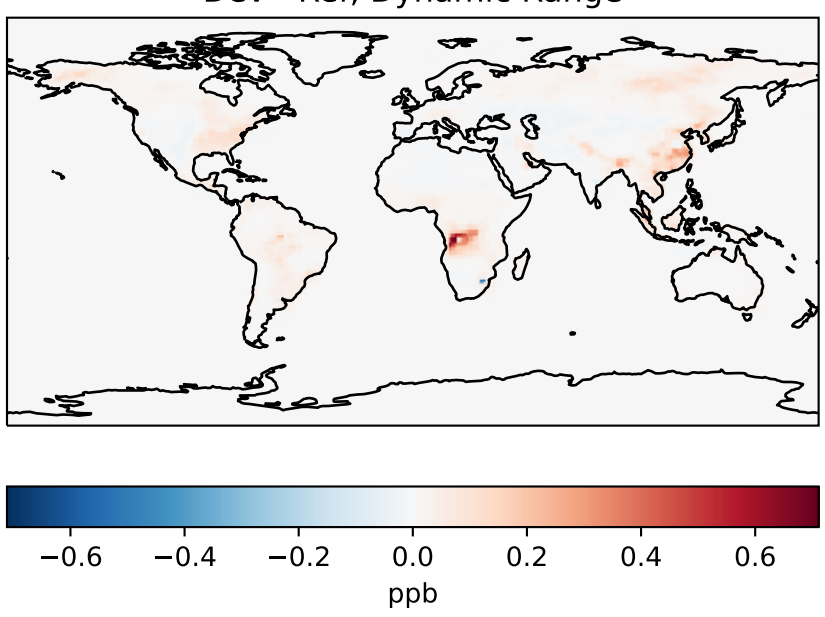
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



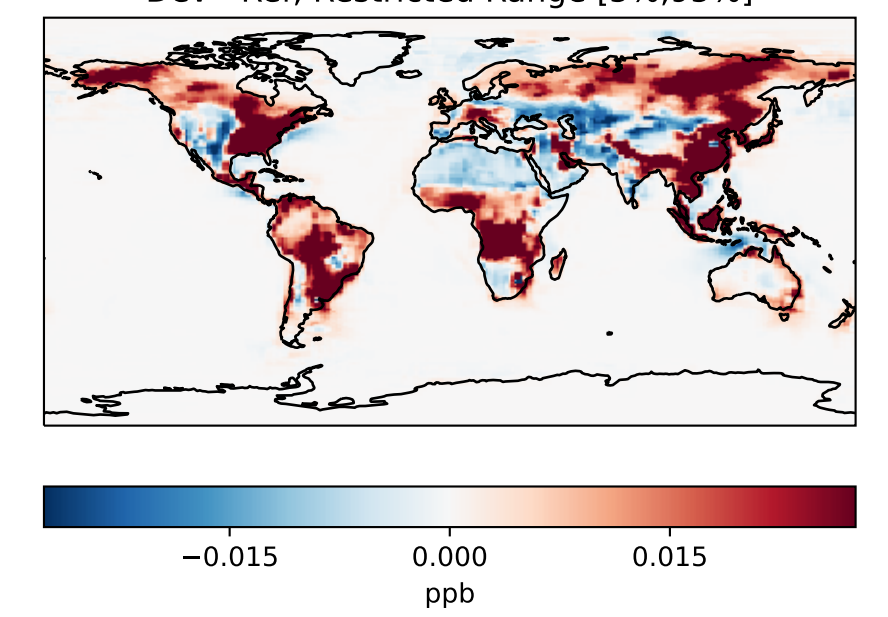

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



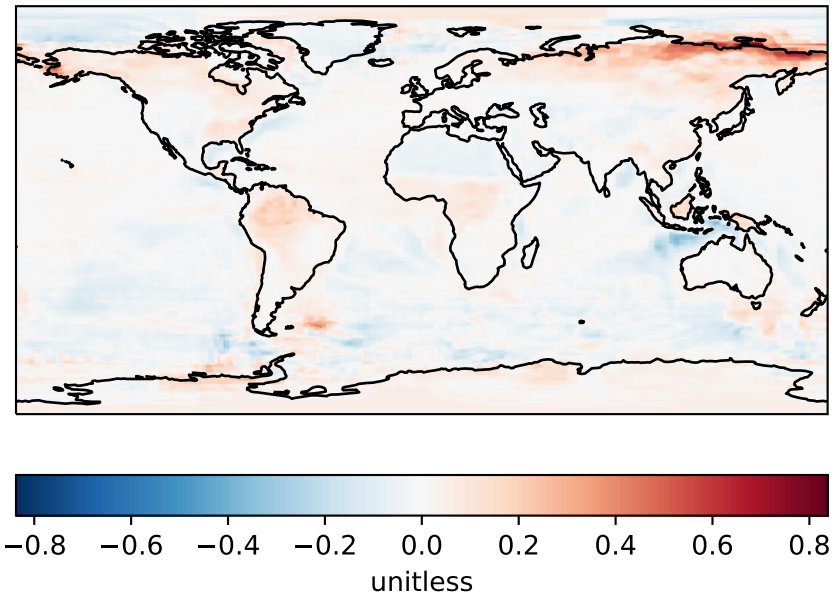

Difference (1x1.25)
Dev - Ref, Dynamic Range



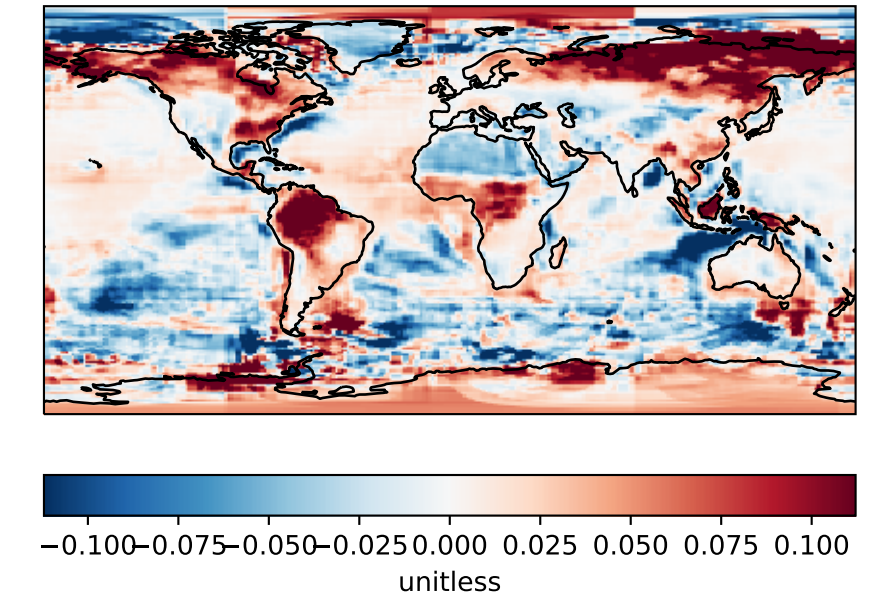

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

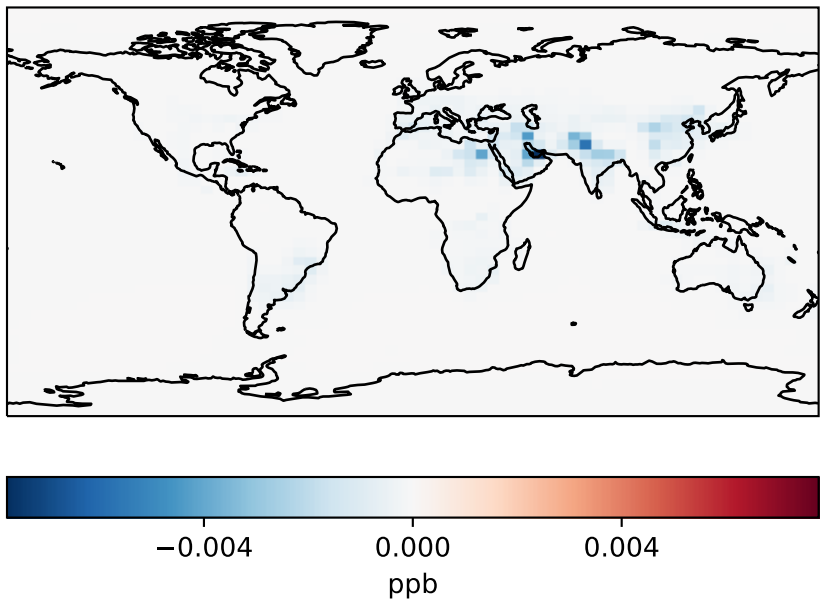



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

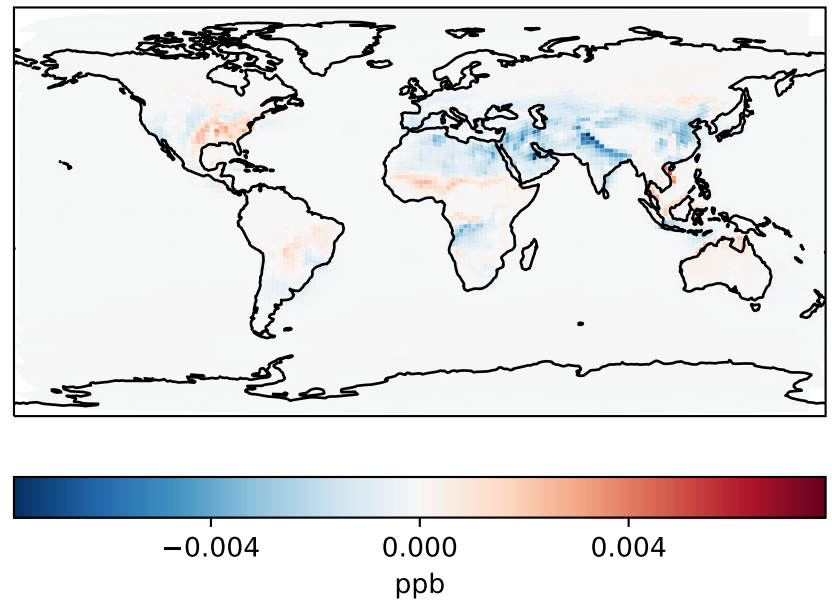


# SpeciesConc_NO3

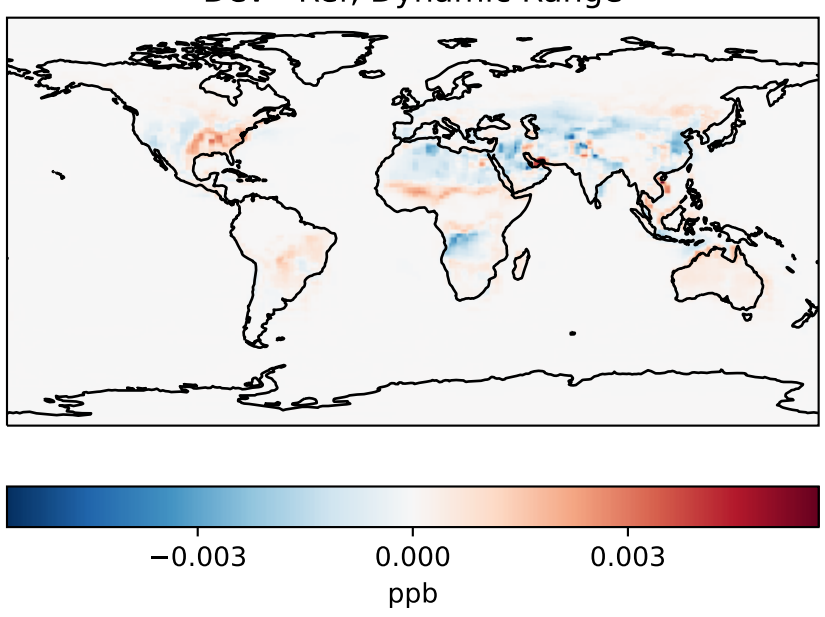
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



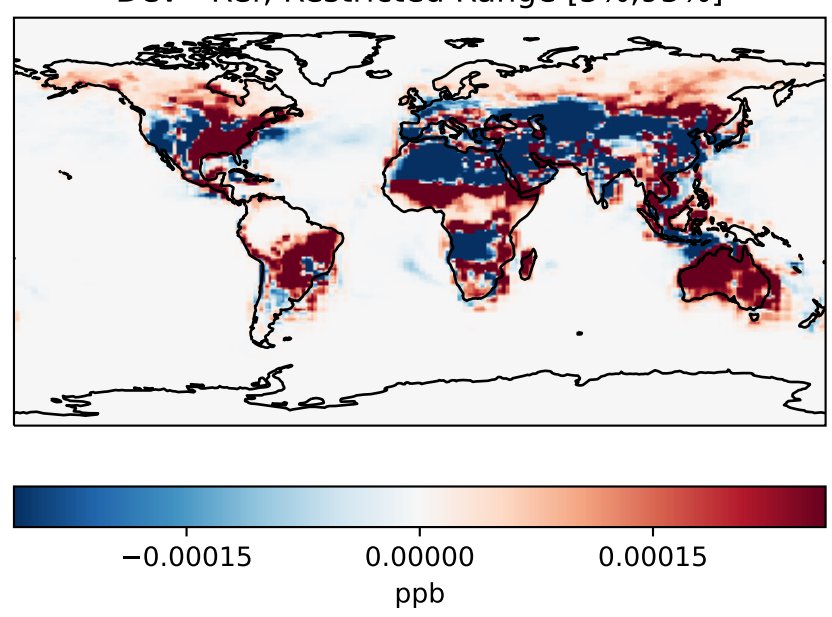

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



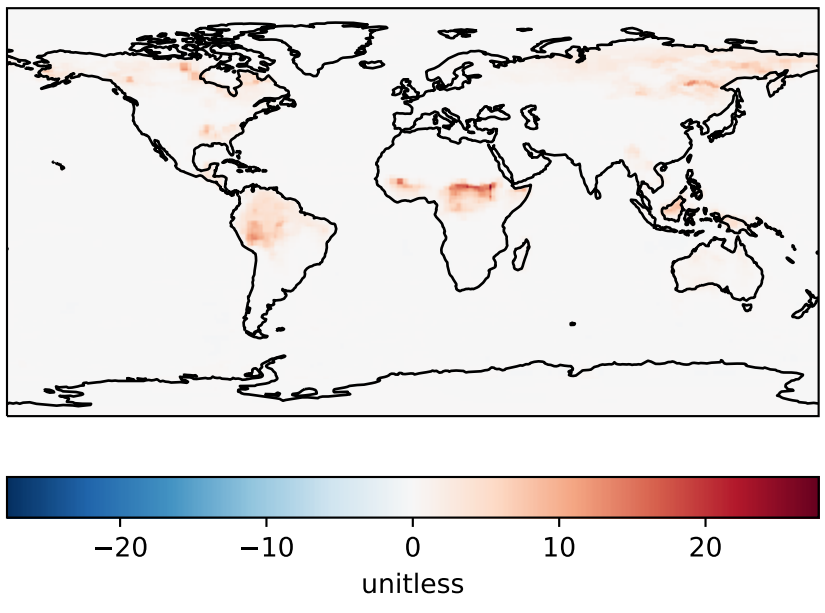

Difference (1x1.25)
Dev - Ref, Dynamic Range



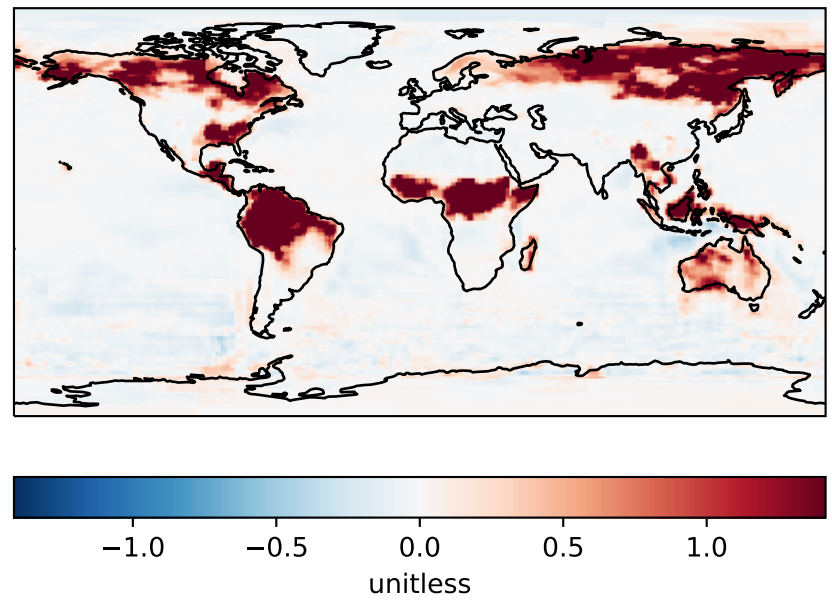

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

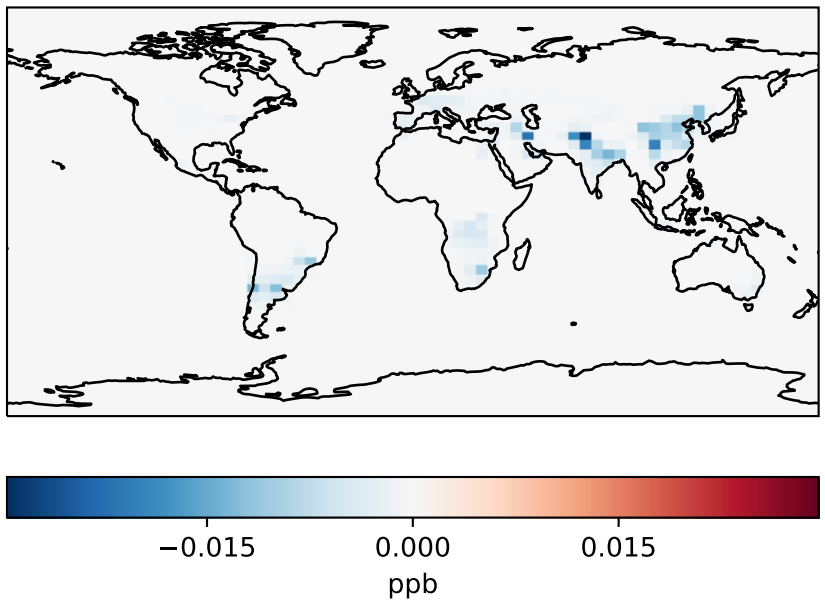



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

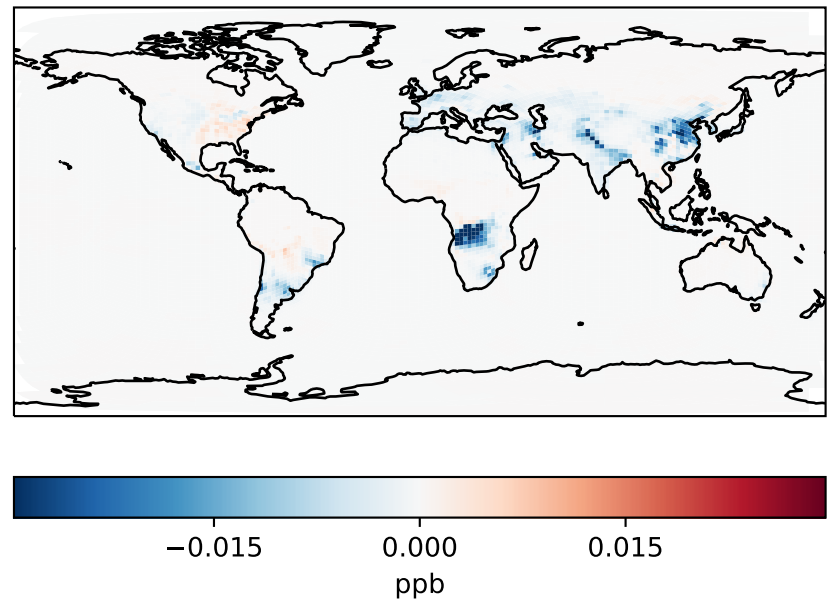


# SpeciesConc_N2O5

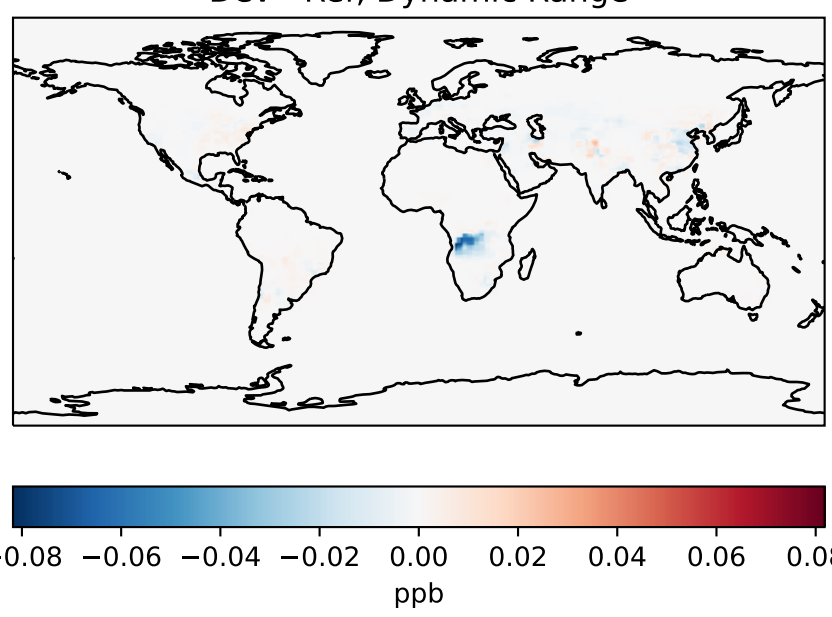
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



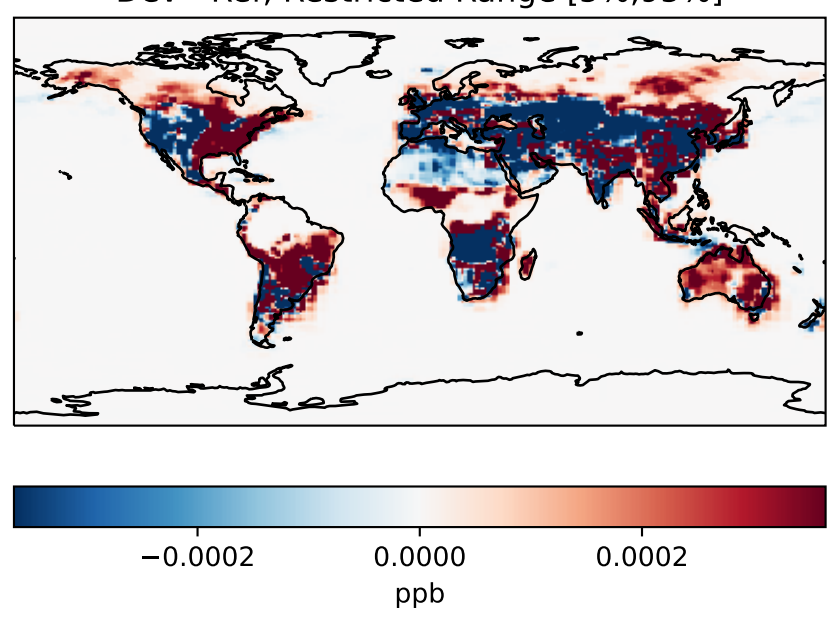

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



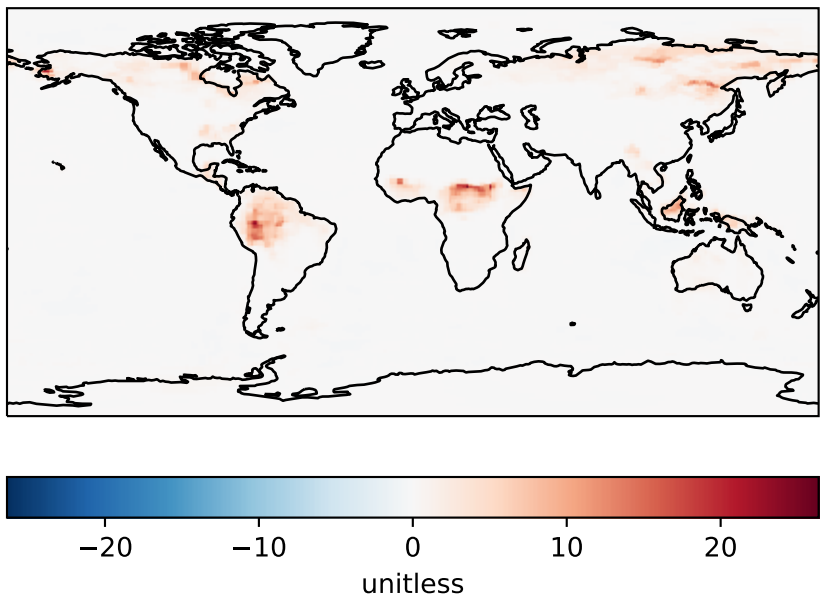

Difference (1x1.25)
Dev - Ref, Dynamic Range



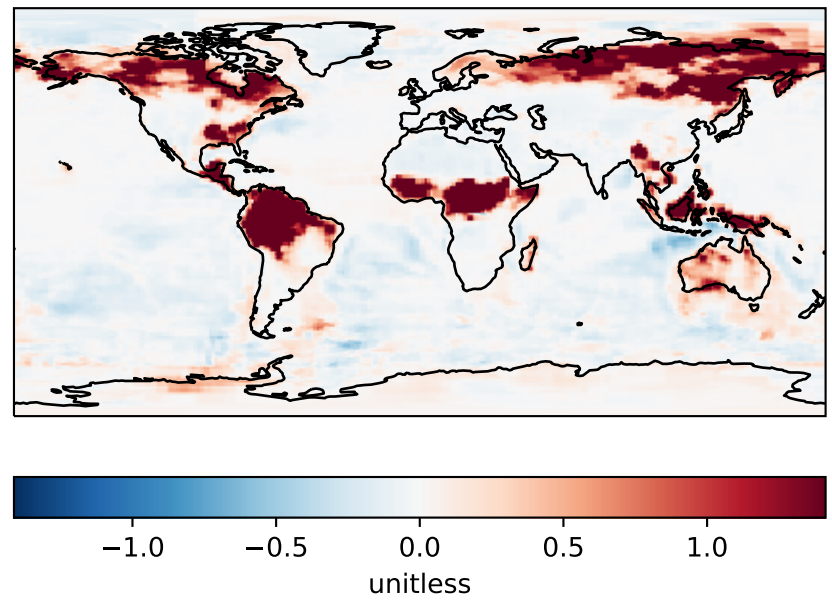

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

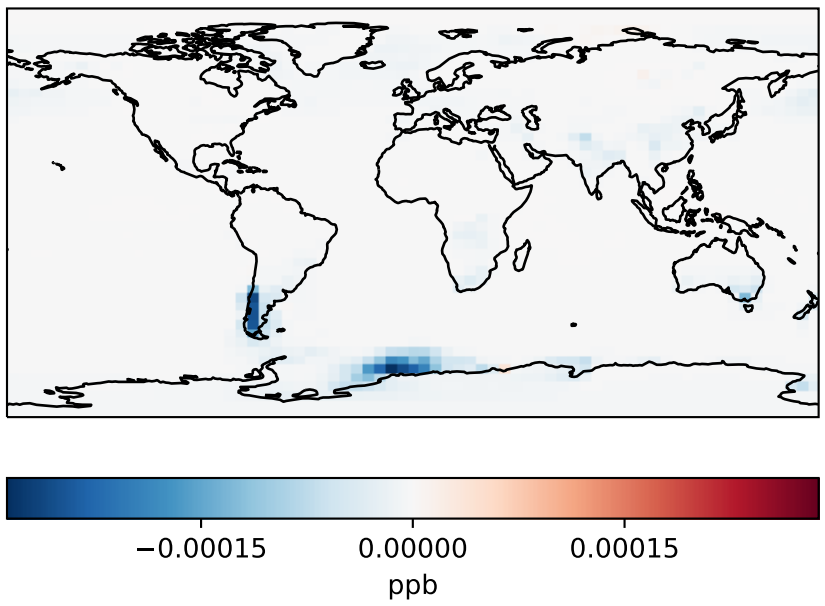



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

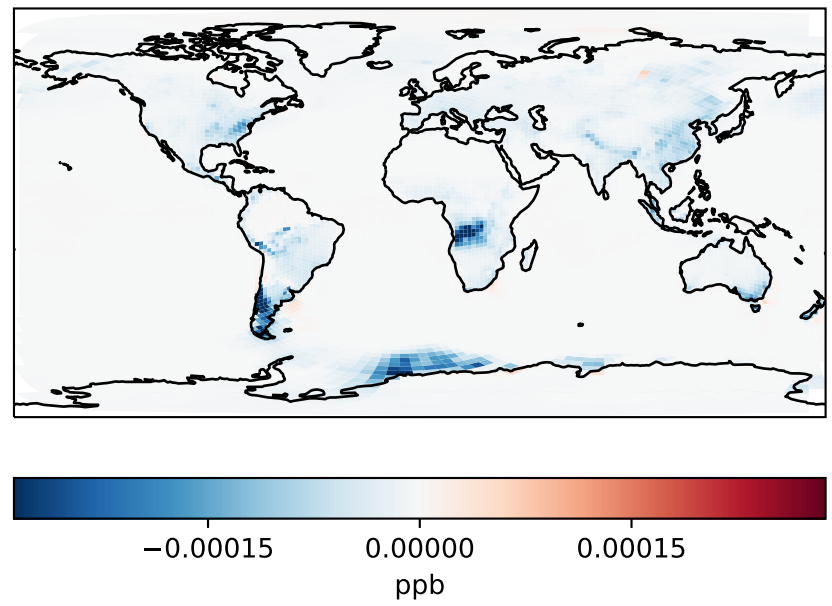


# SpeciesConc_MPN

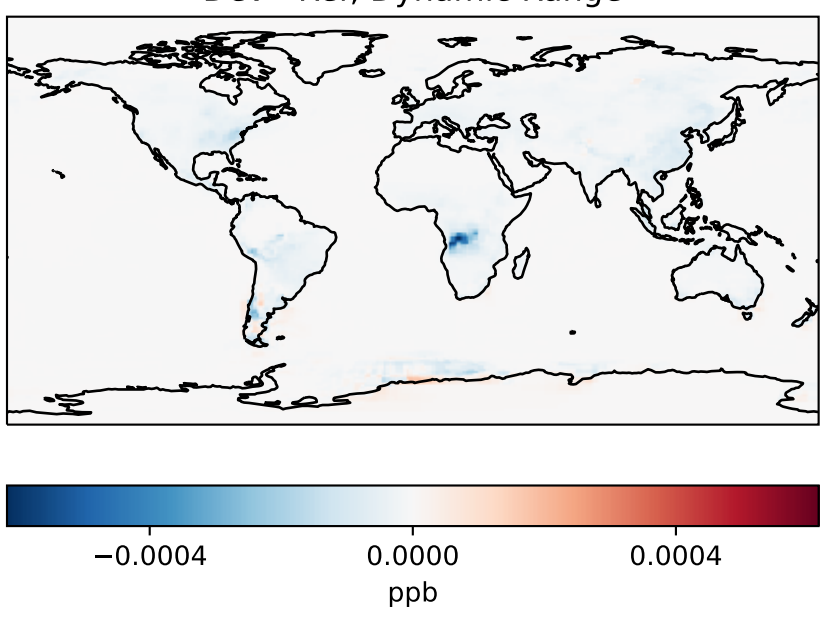
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



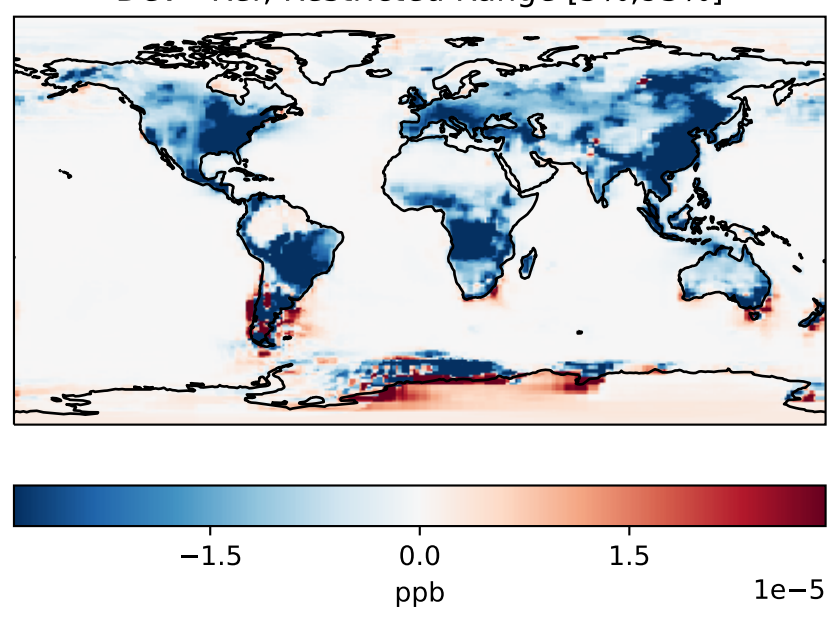

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



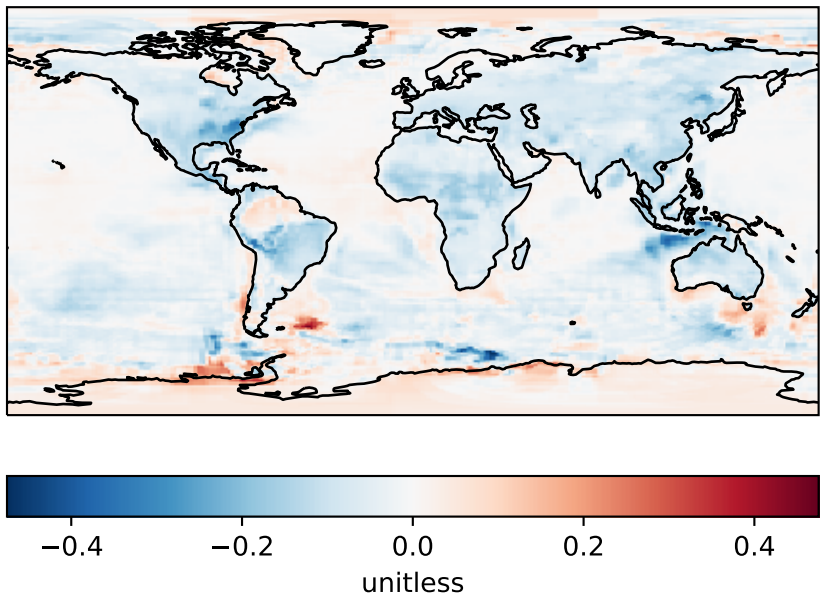

Difference (1x1.25)
Dev - Ref, Dynamic Range



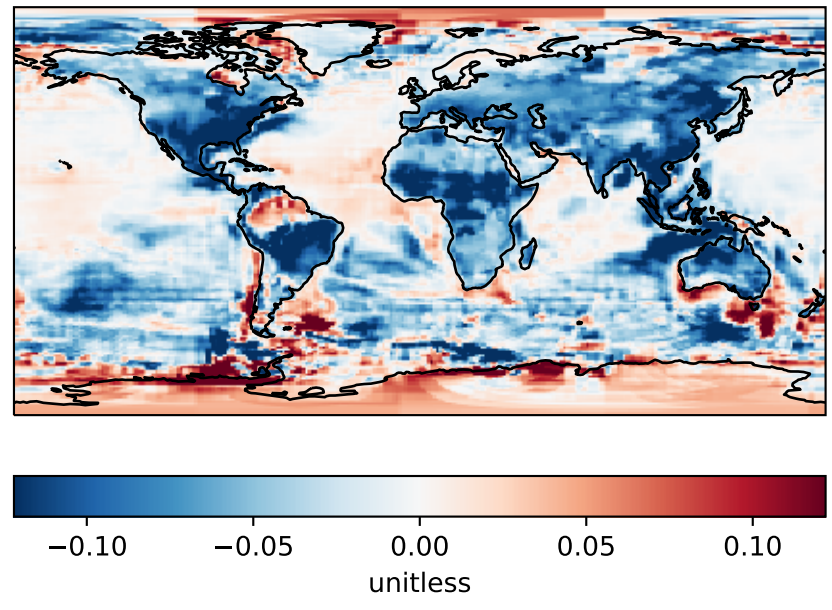

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

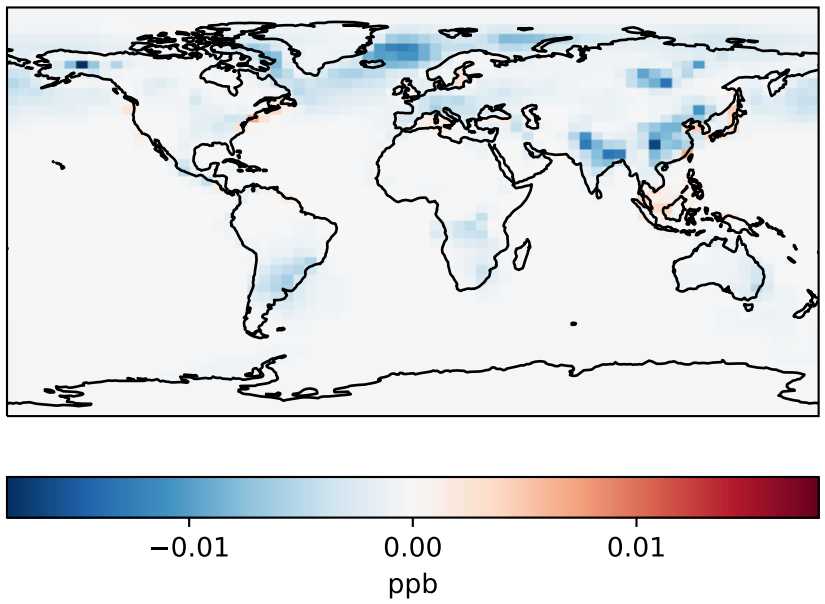



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

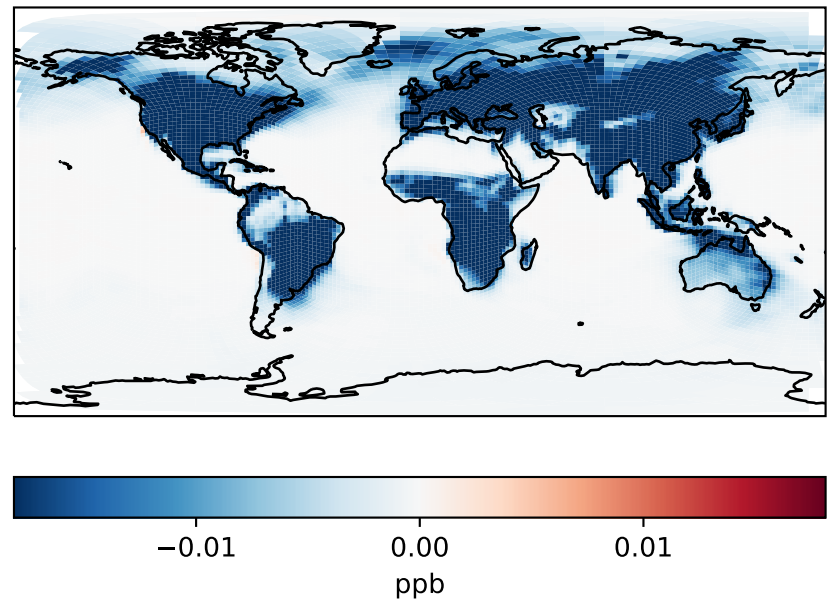


# SpeciesConc_PAN

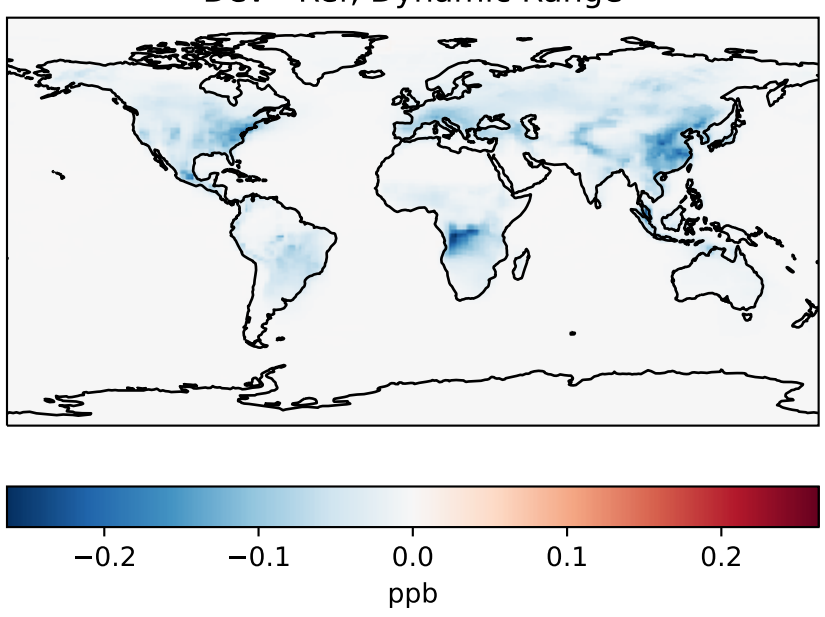
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



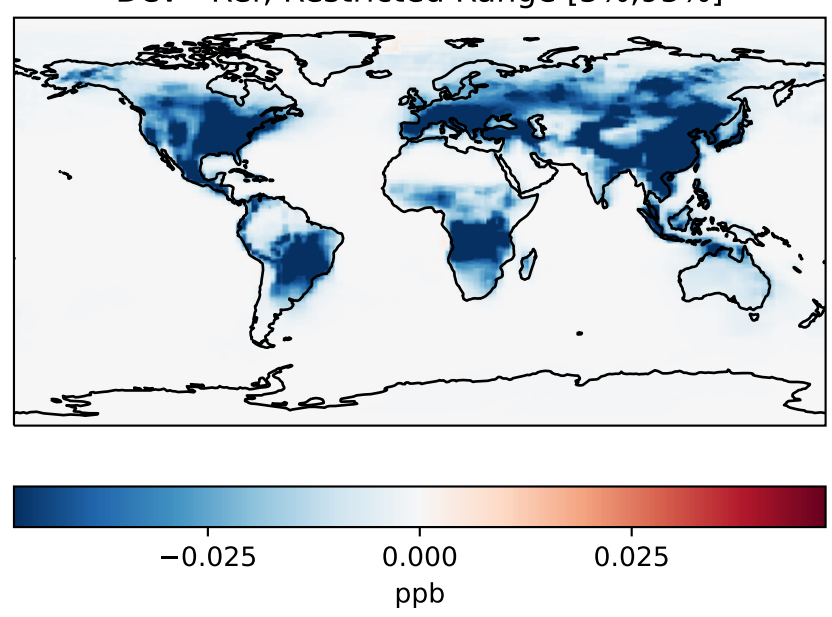

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



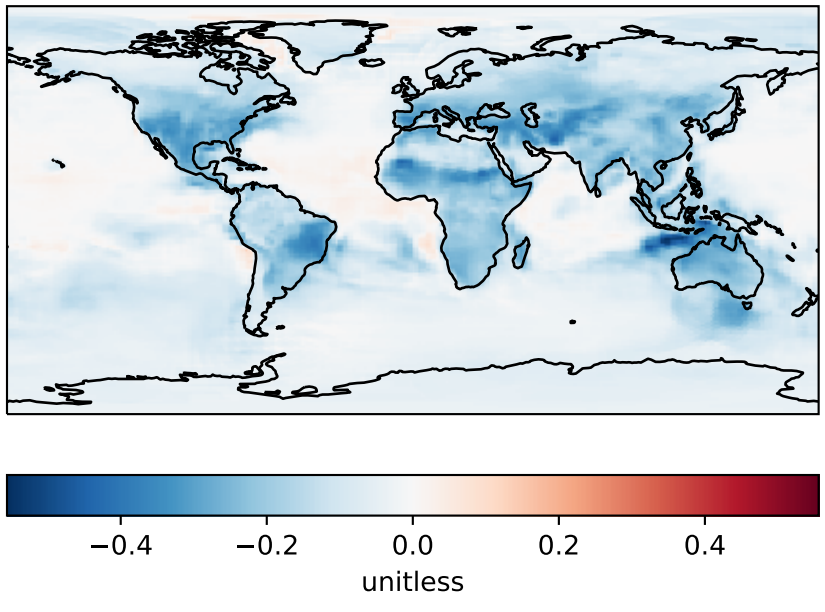

Difference (1x1.25)
Dev - Ref, Dynamic Range



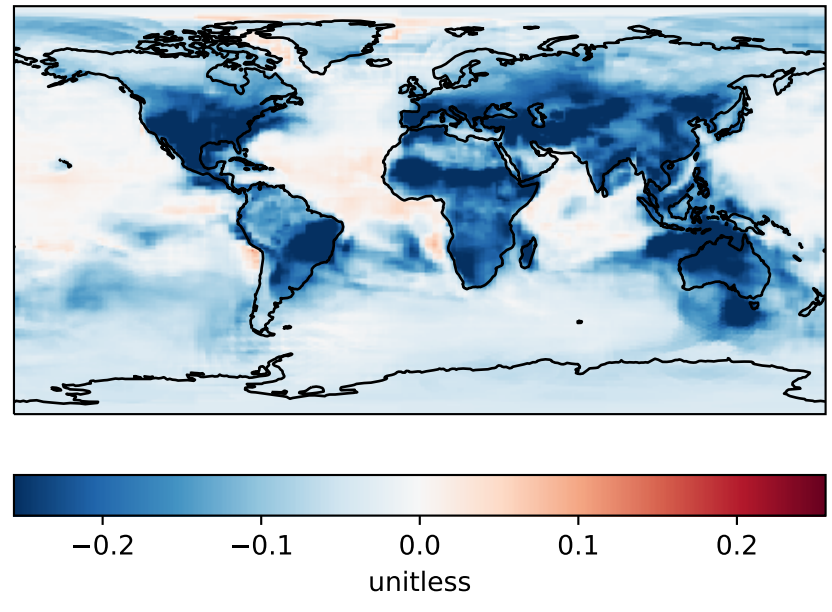

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

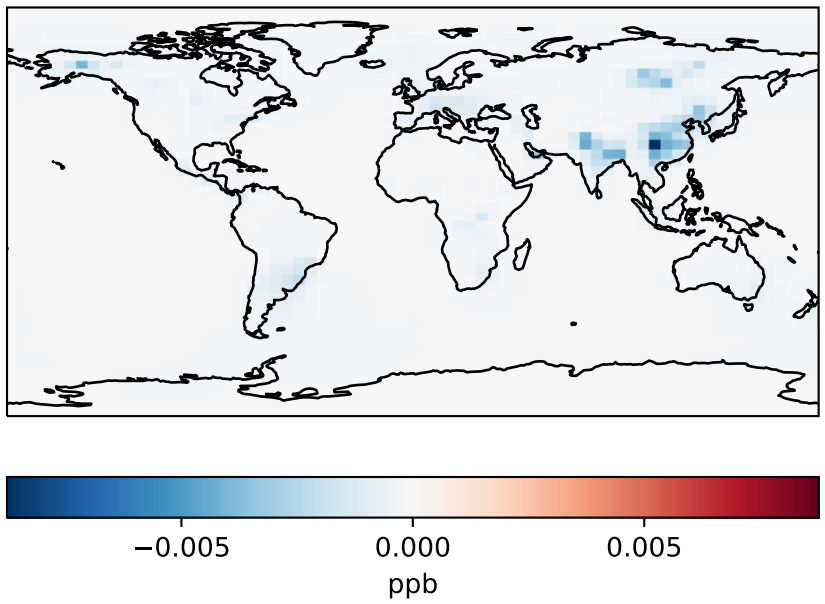



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

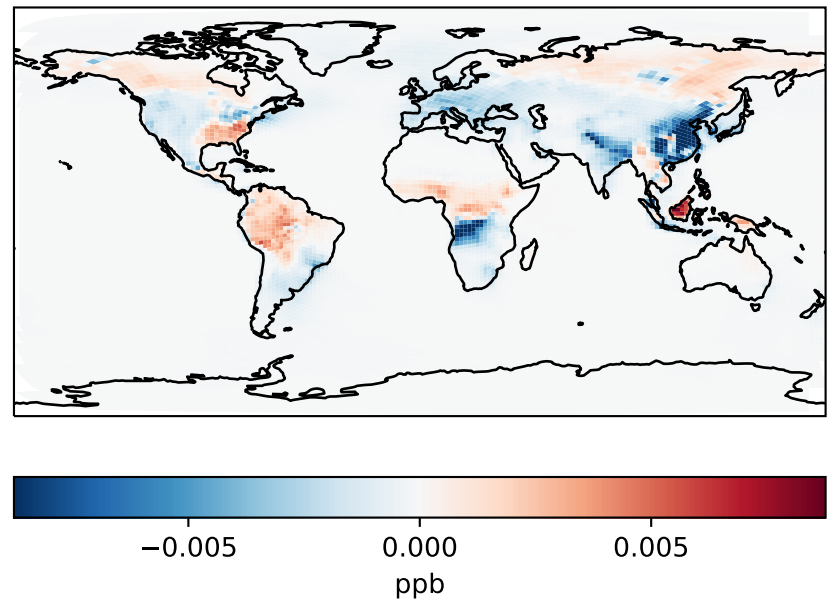


# SpeciesConc_PPN

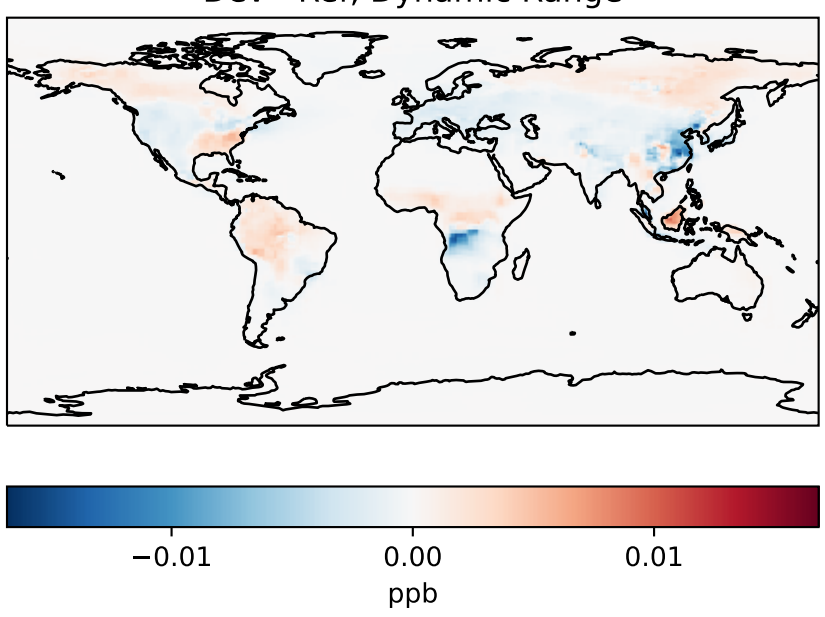
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



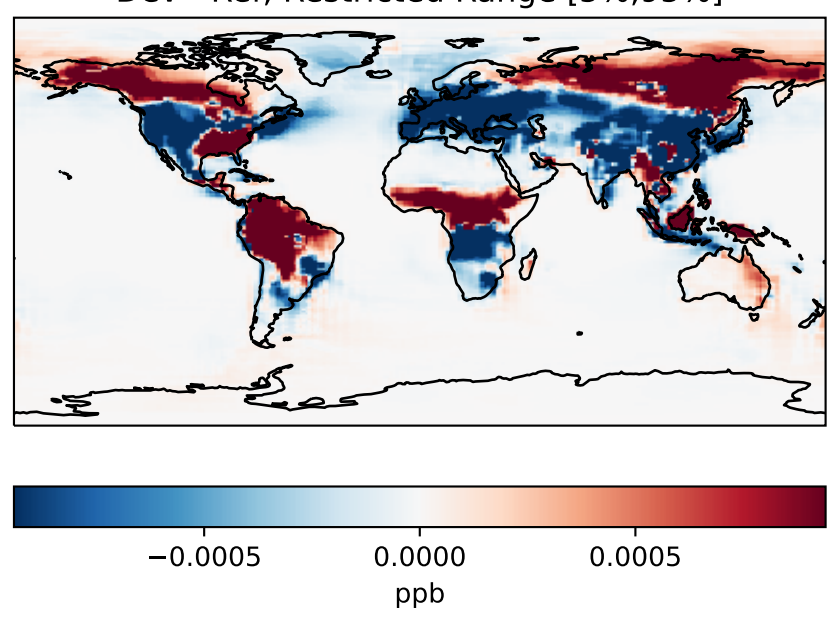

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



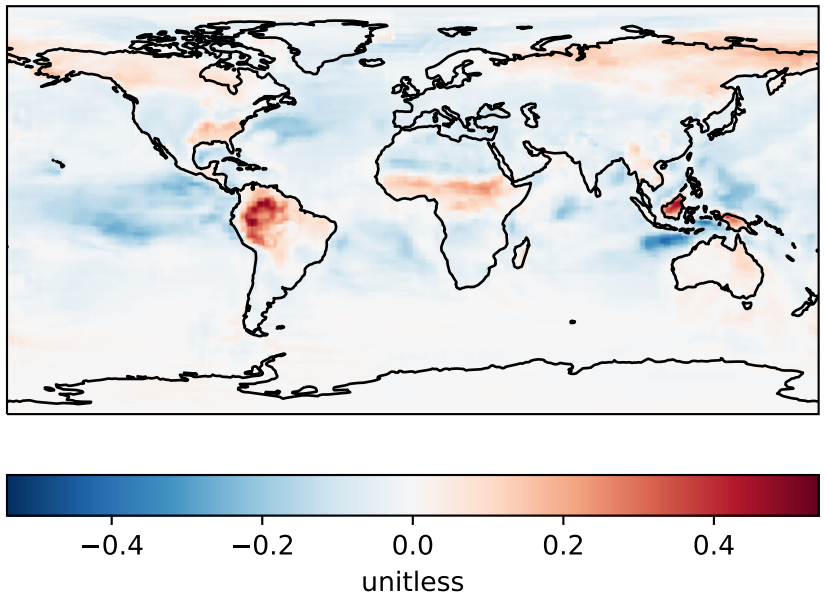

Difference (1x1.25)
Dev - Ref, Dynamic Range



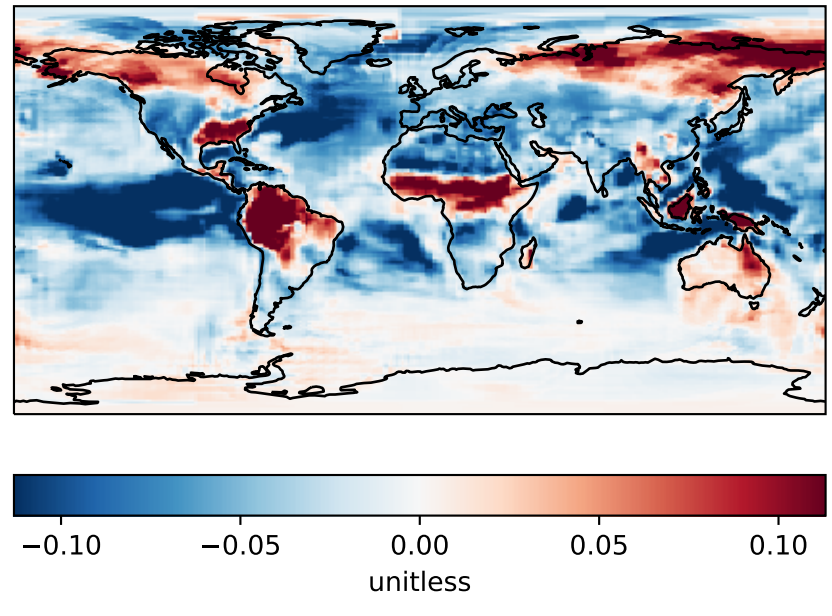

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

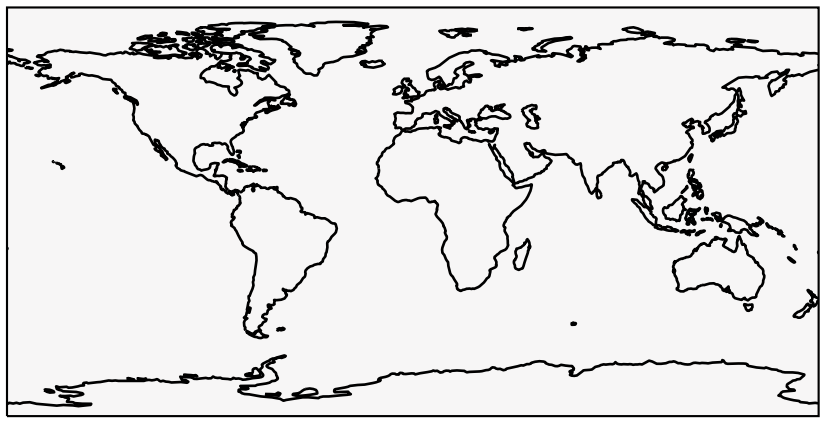


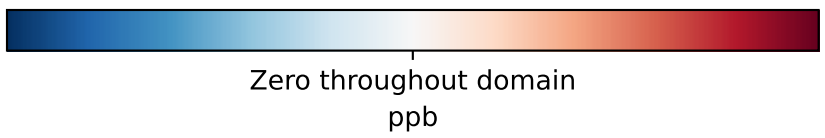

Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



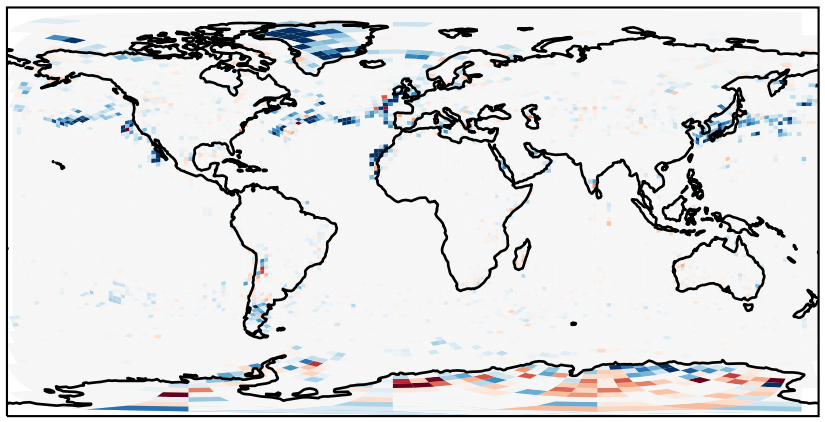
# SpeciesConc_N2O

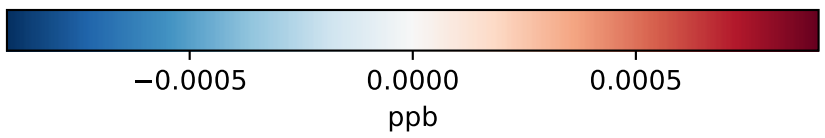
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



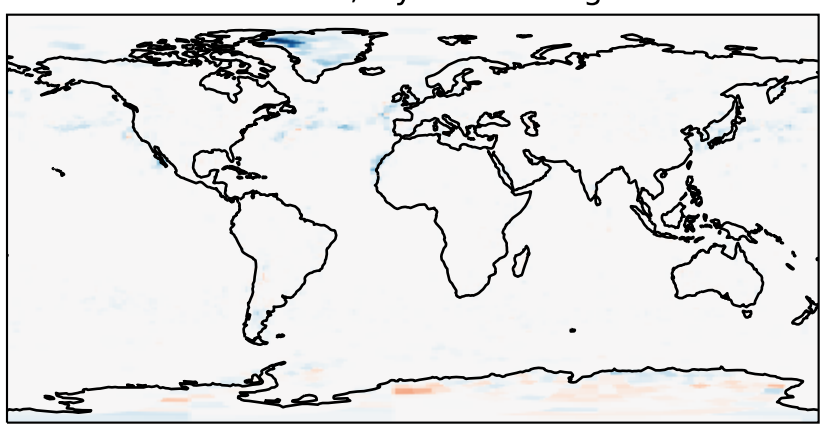


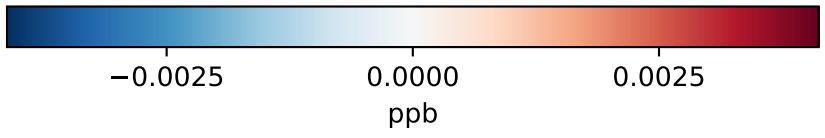

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



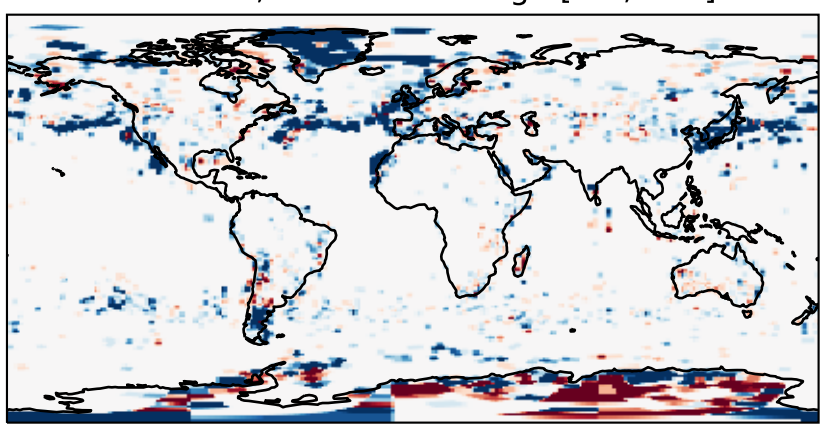


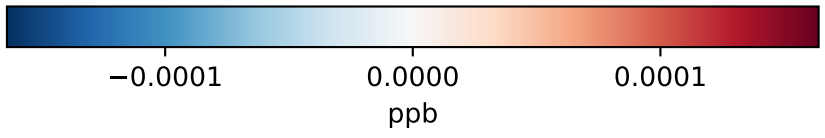

Difference (1x1.25)
Dev - Ref, Dynamic Range



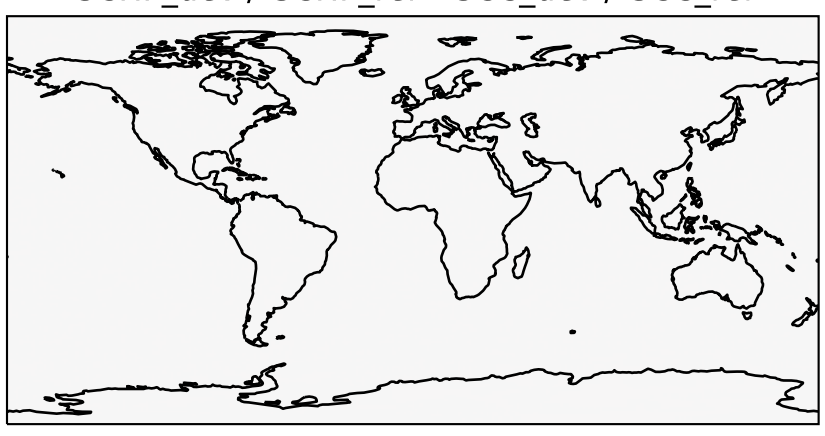



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]

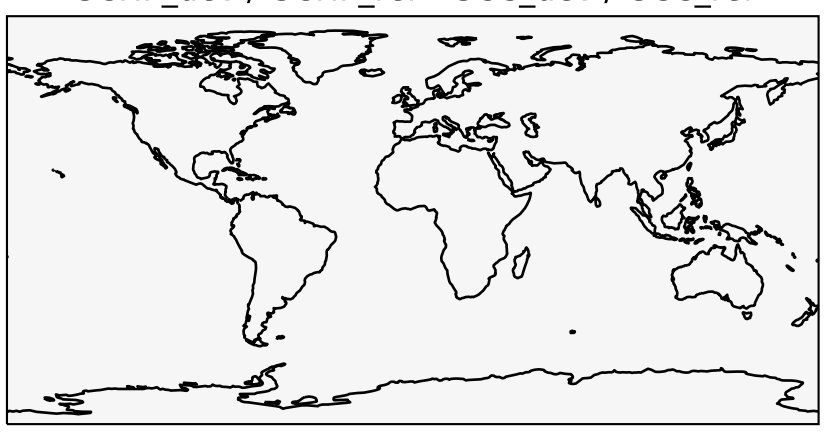





Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

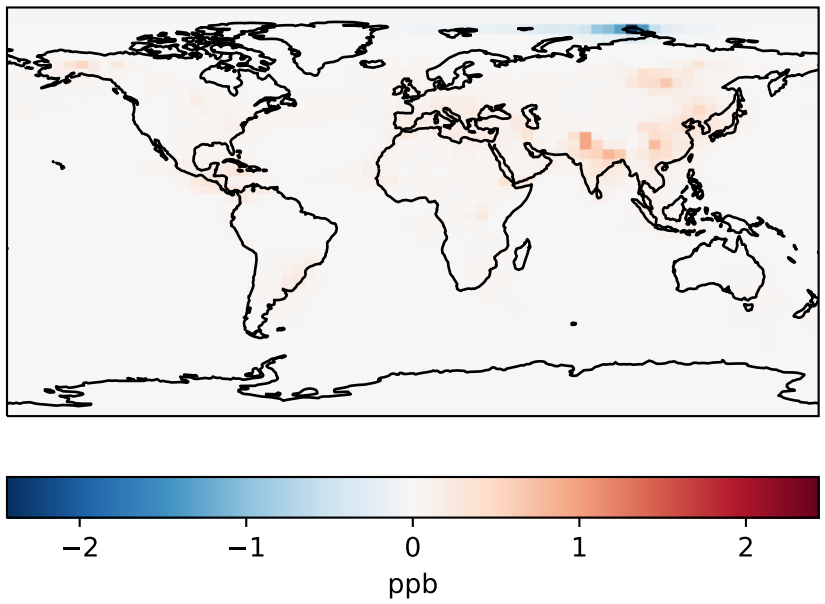


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

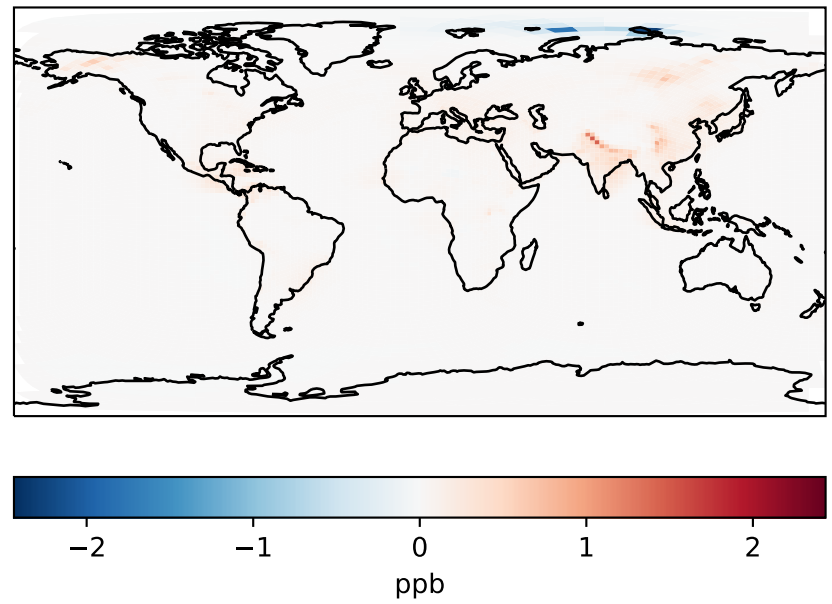


# SpeciesConc_NHx

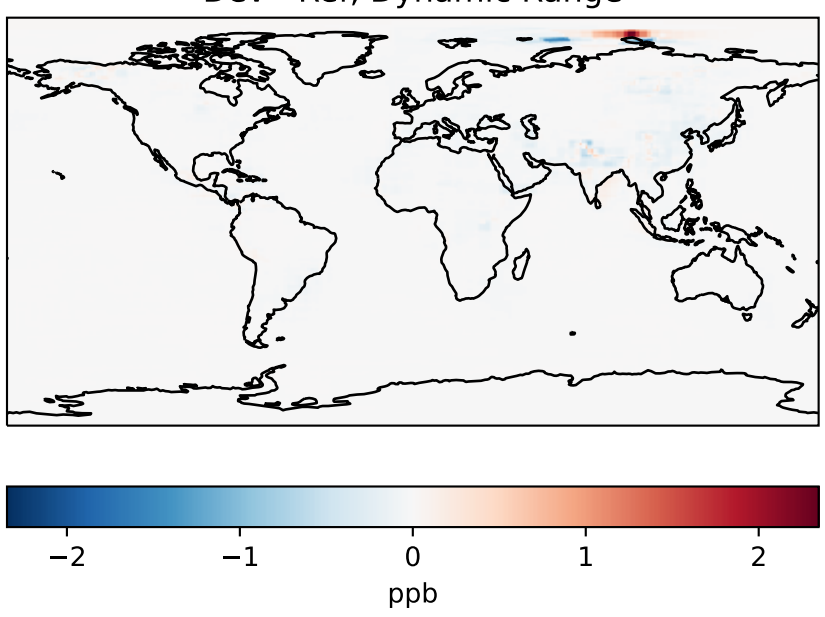
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



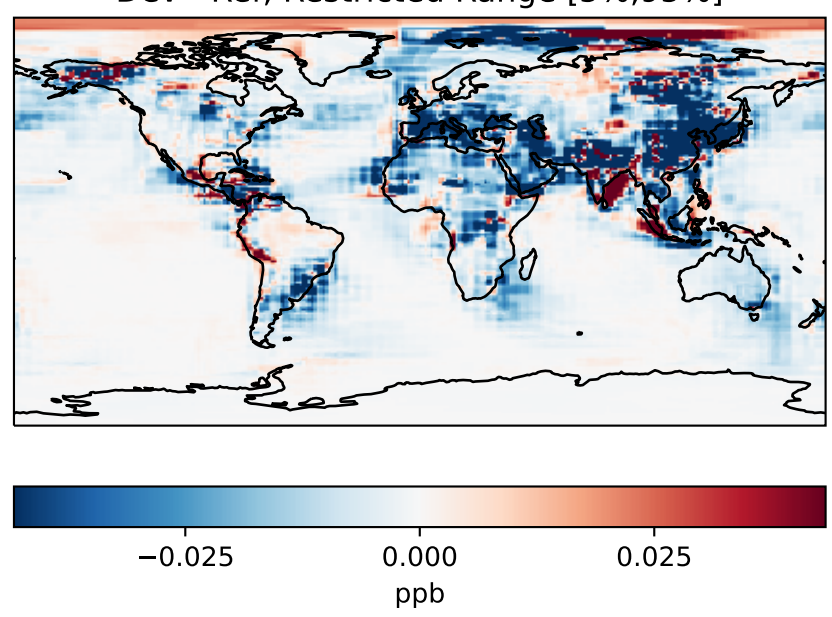

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



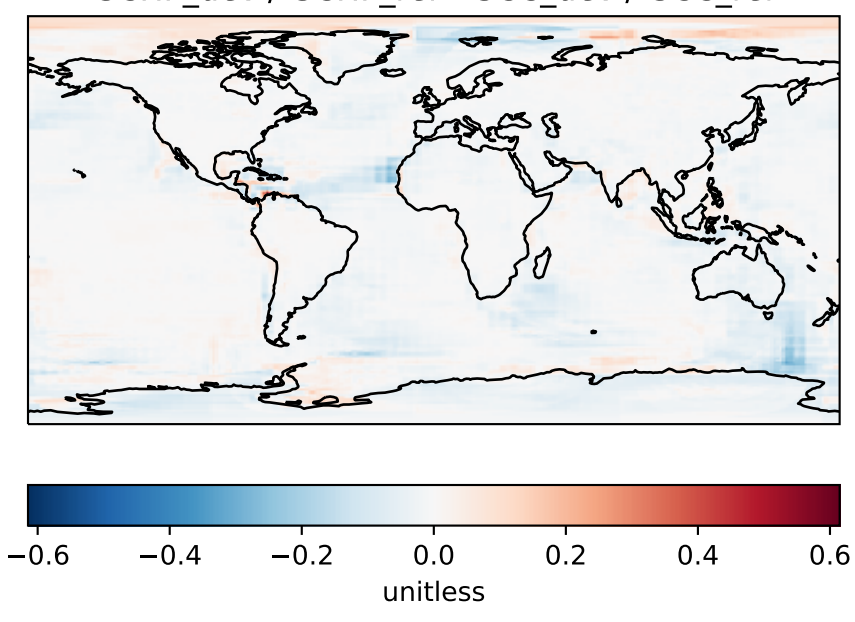

Difference (1x1.25)
Dev - Ref, Dynamic Range



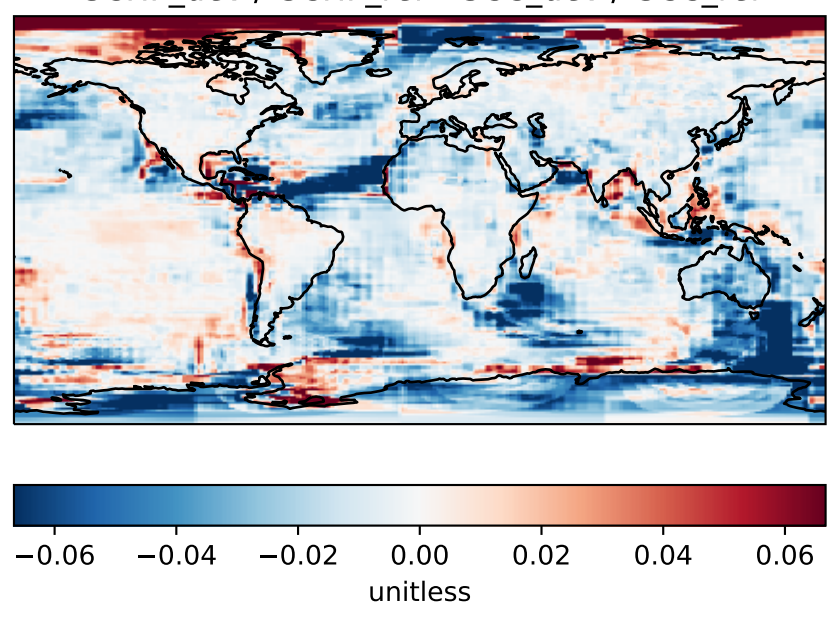

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

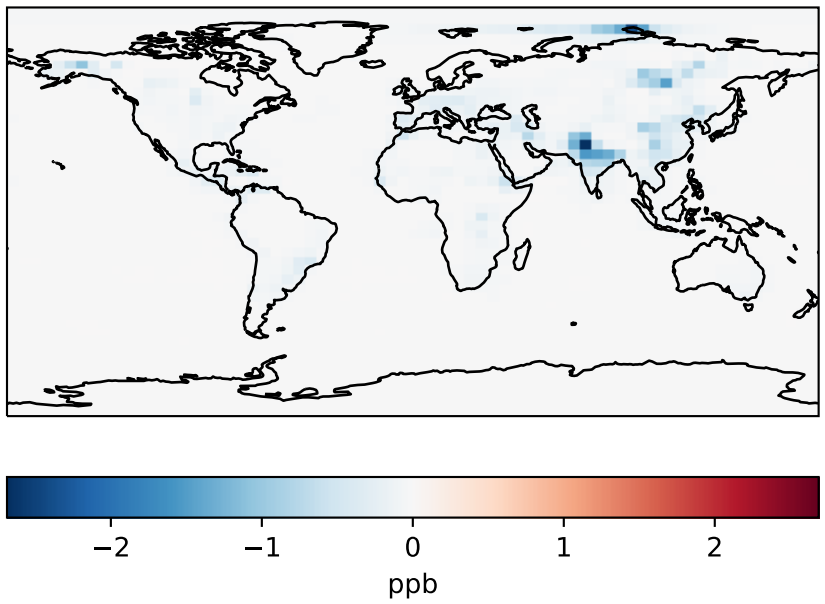



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

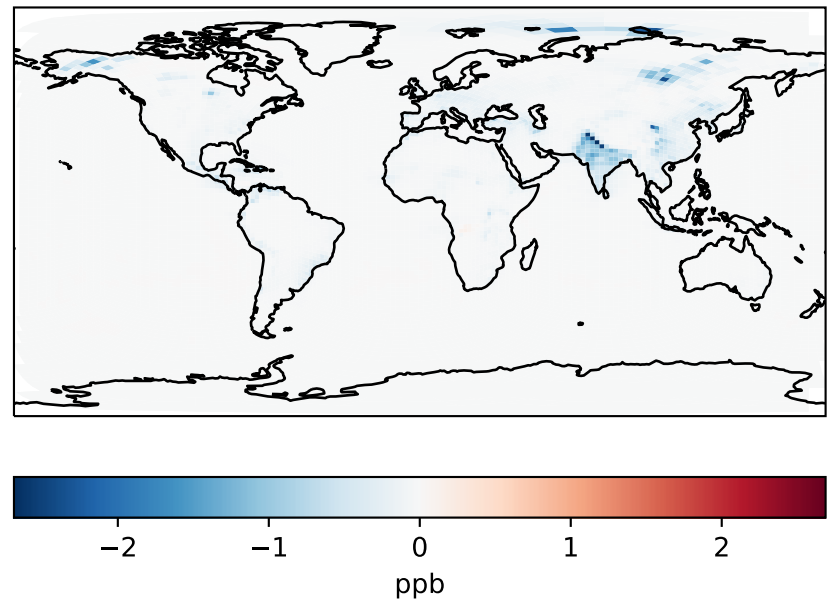


# SpeciesConc_NH3

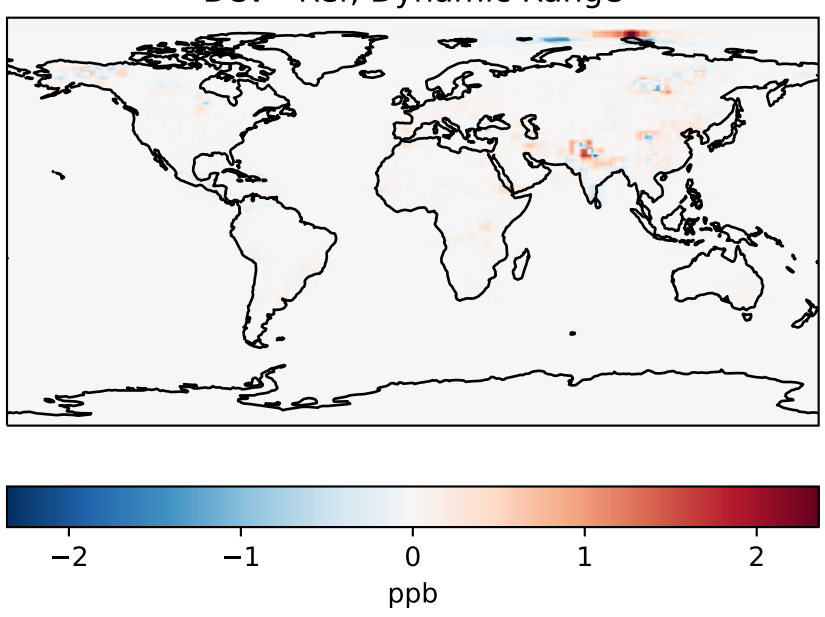
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



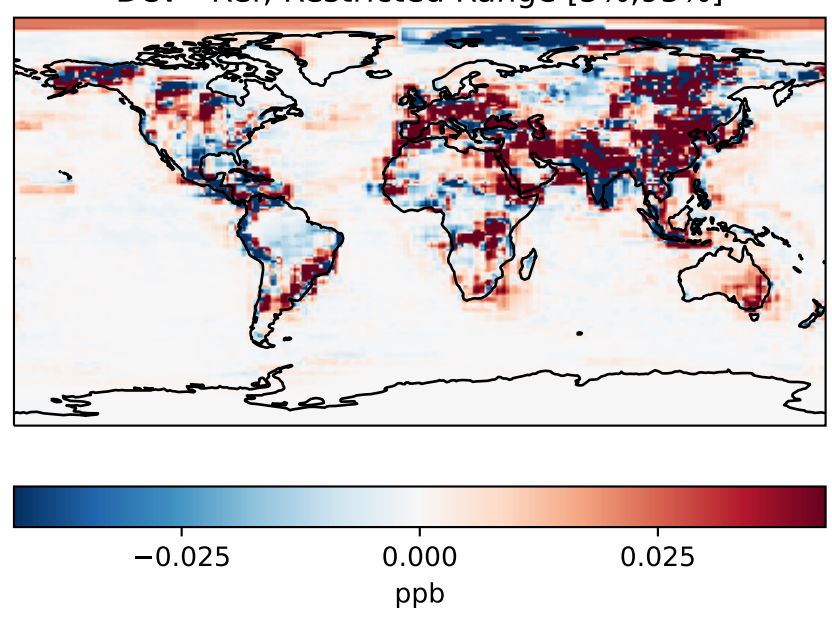

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



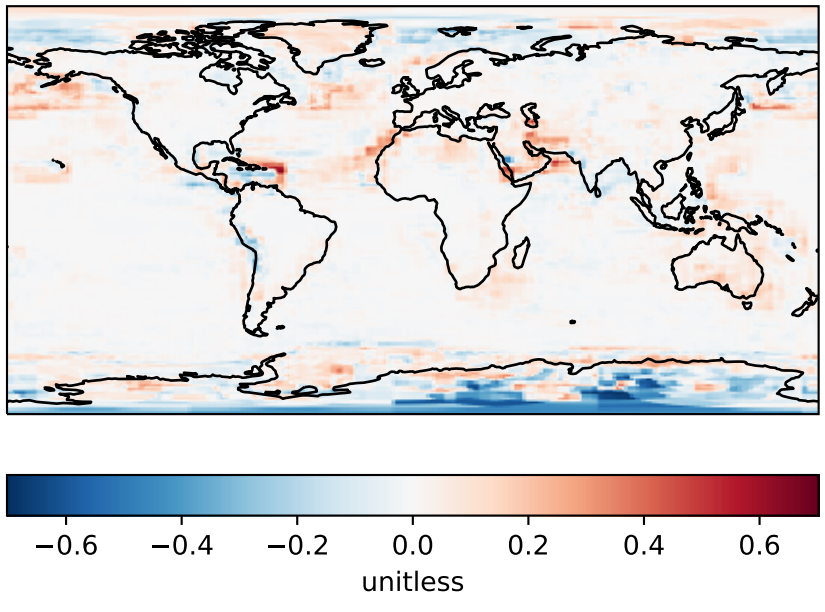

Difference (1x1.25)
Dev - Ref, Dynamic Range



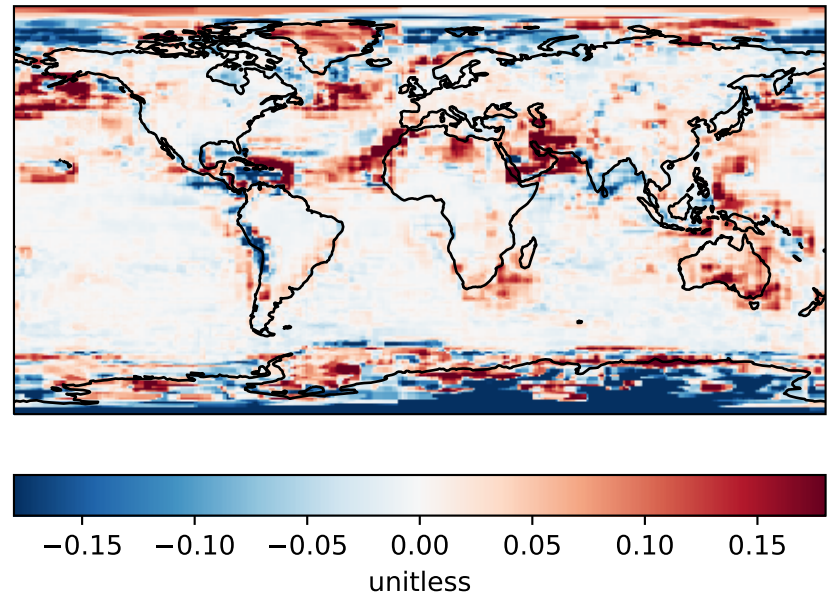

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

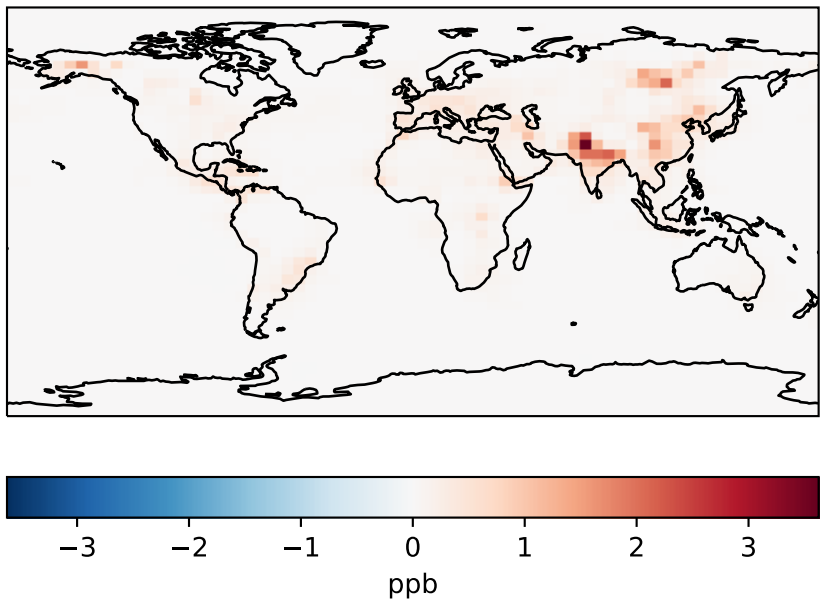



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

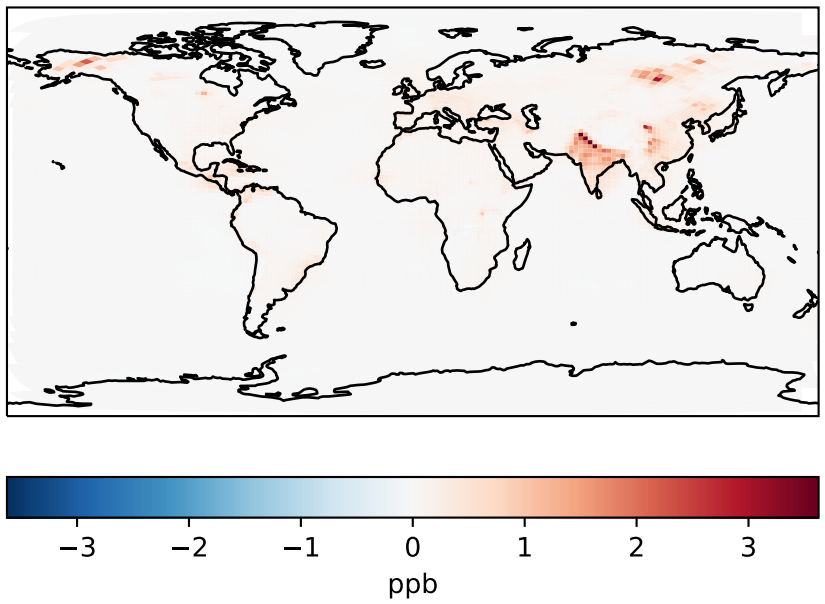


# SpeciesConc_NH4

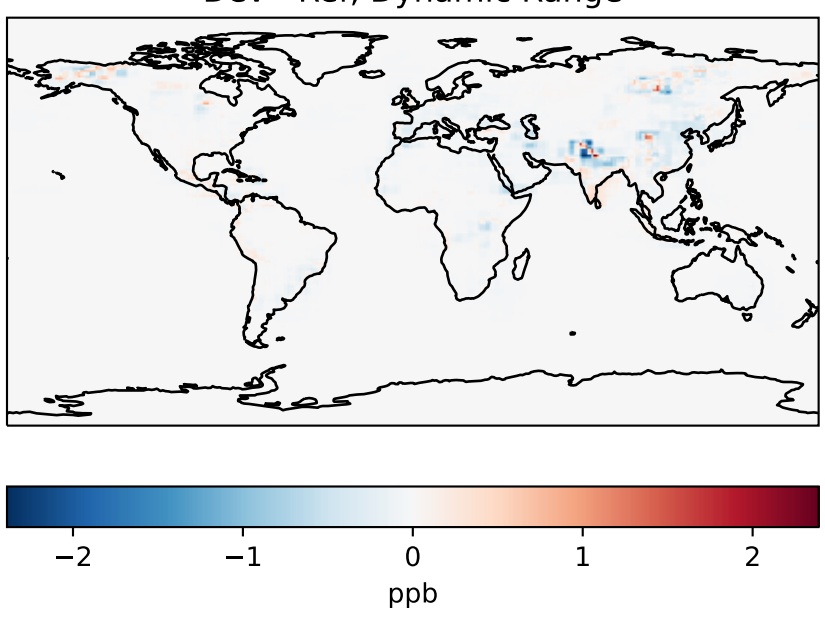
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



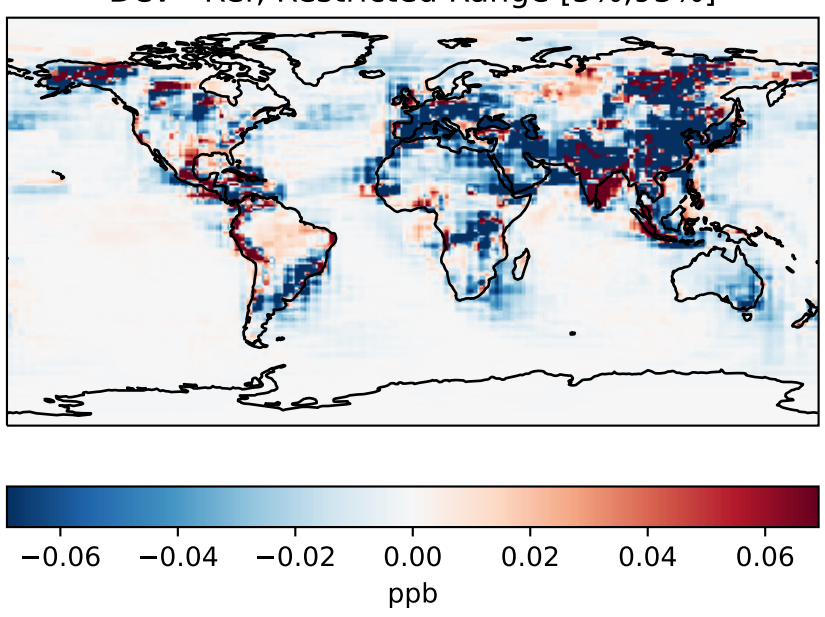

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



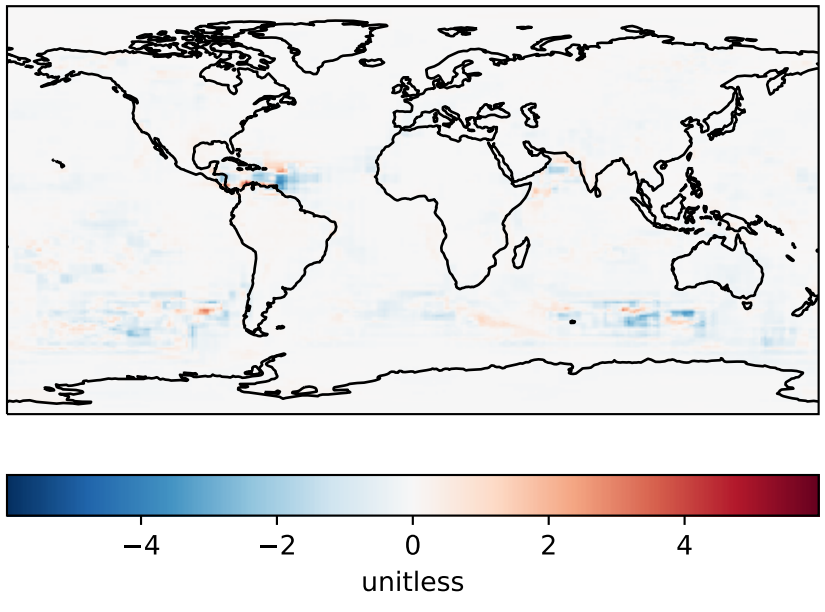

Difference (1x1.25)
Dev - Ref, Dynamic Range



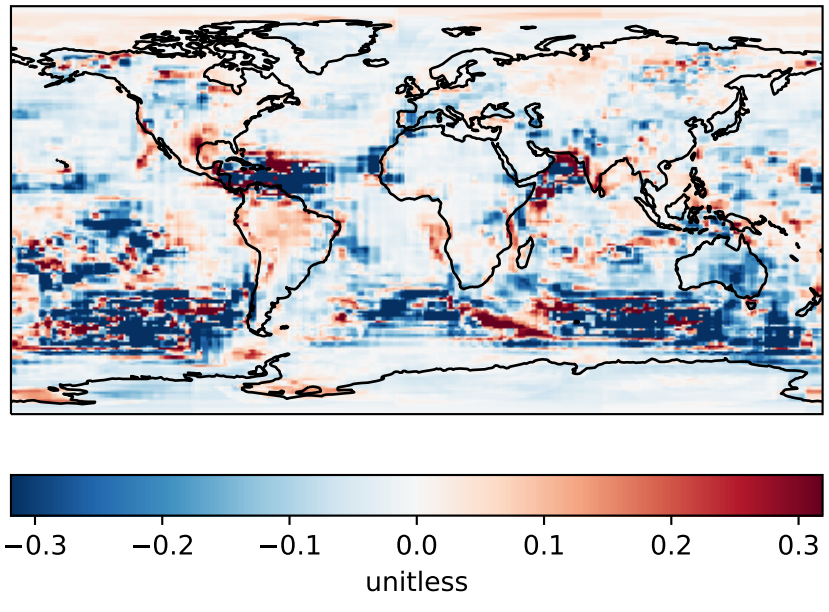

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

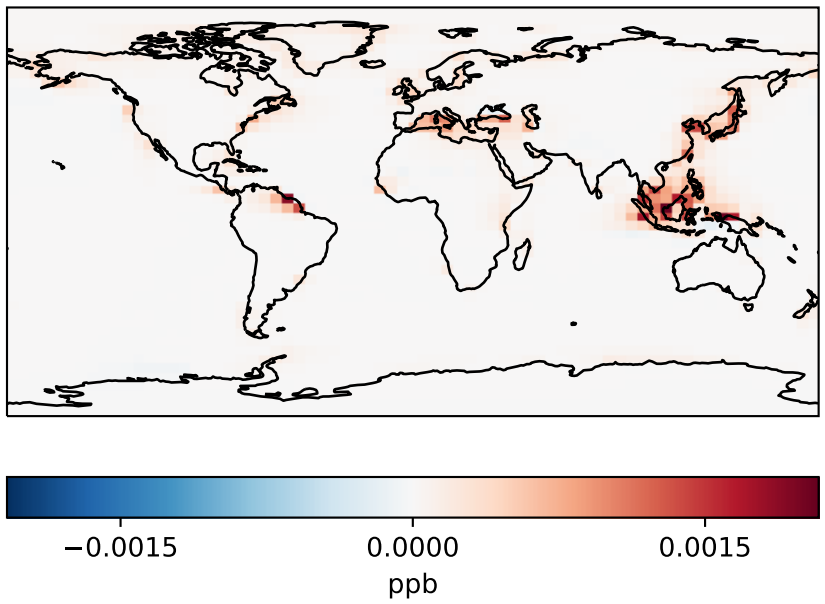



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

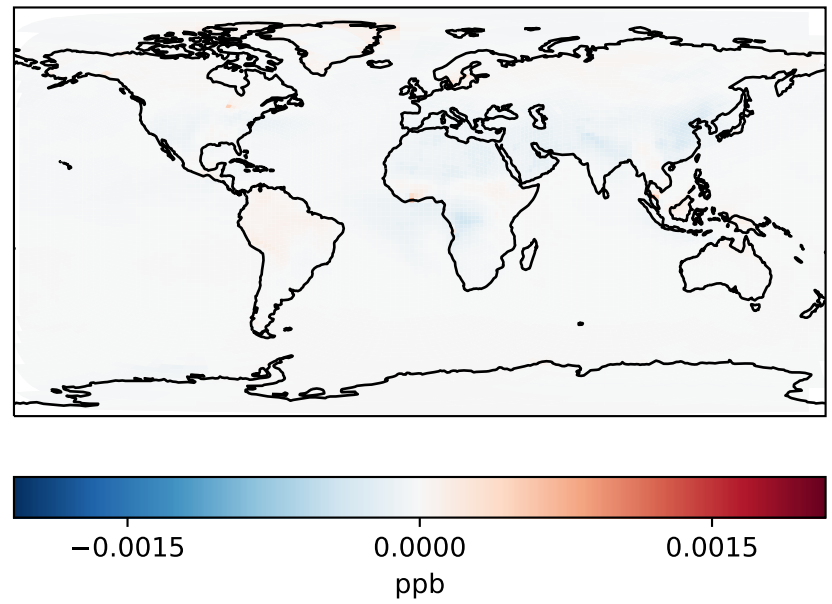


# SpeciesConc_MENO3

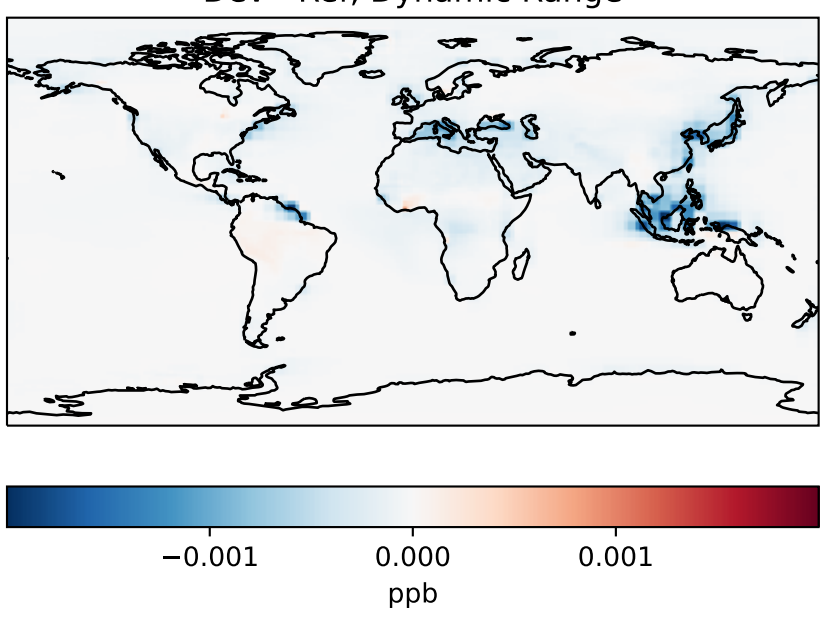
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



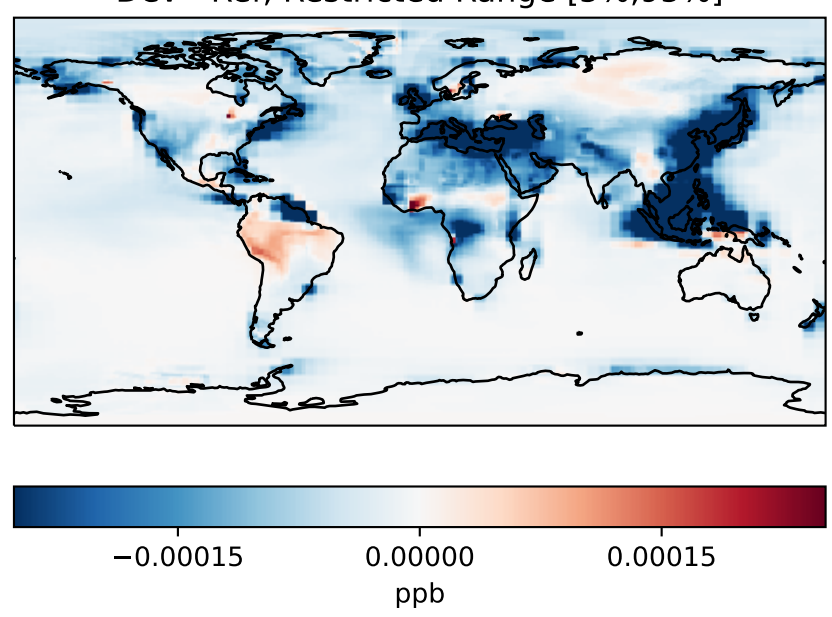

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



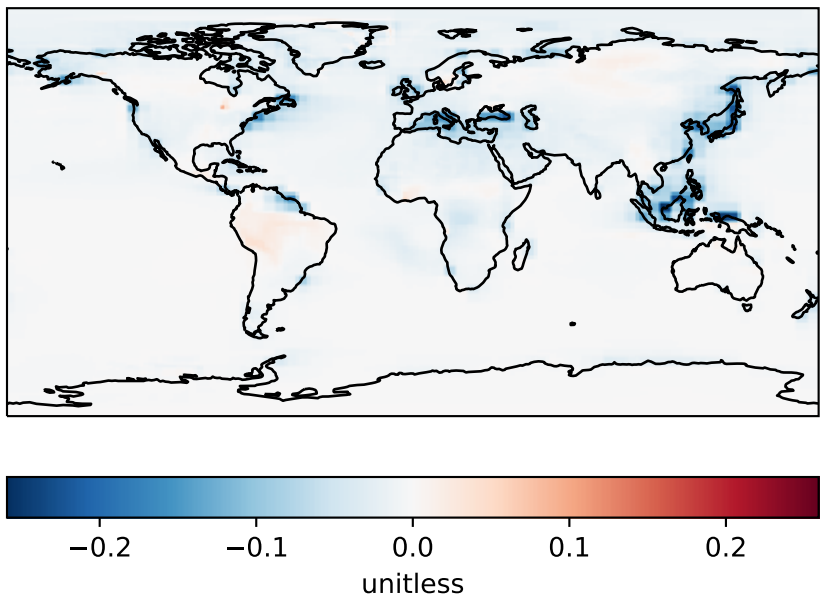

Difference (1x1.25)
Dev - Ref, Dynamic Range



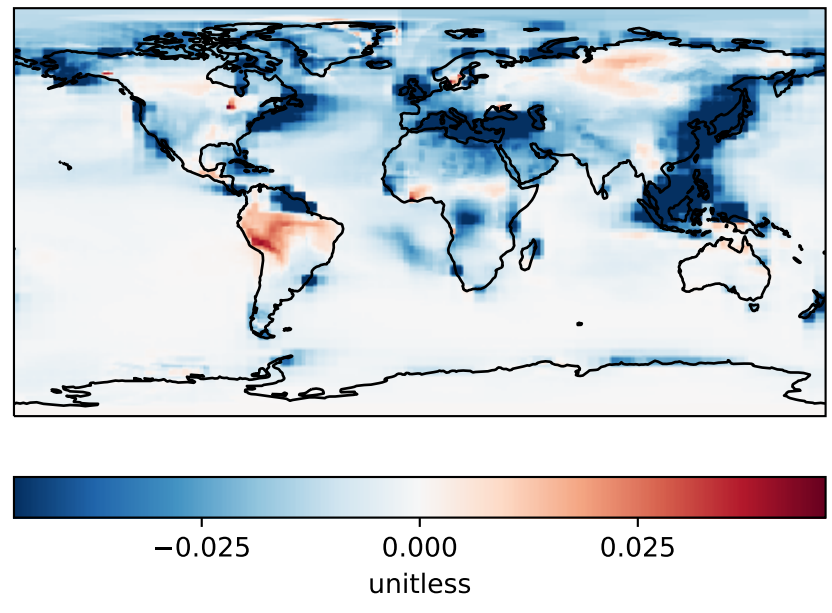

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

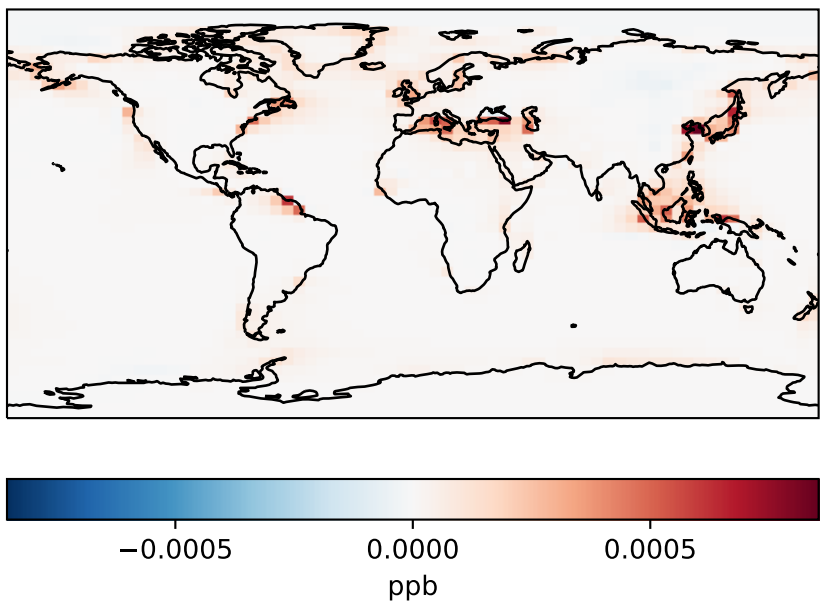



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

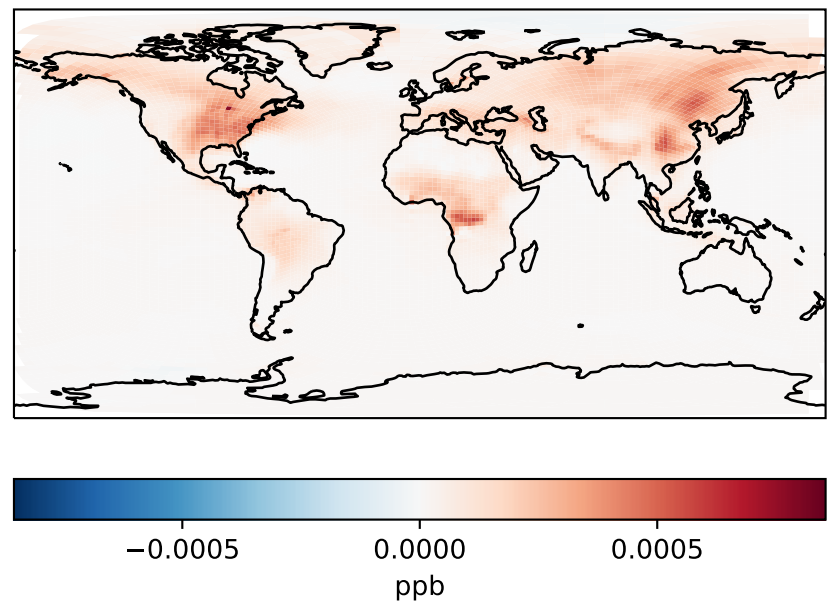


# SpeciesConc_ETNO3

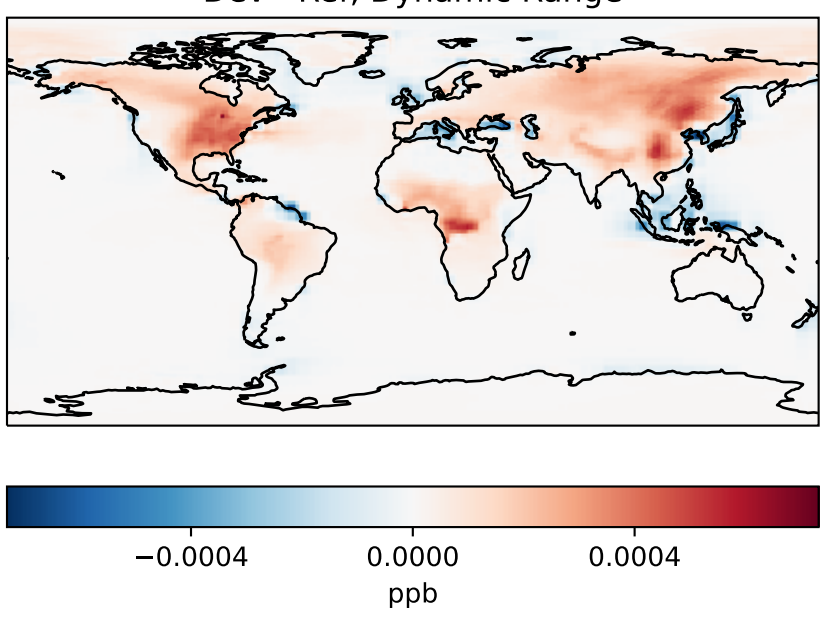
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



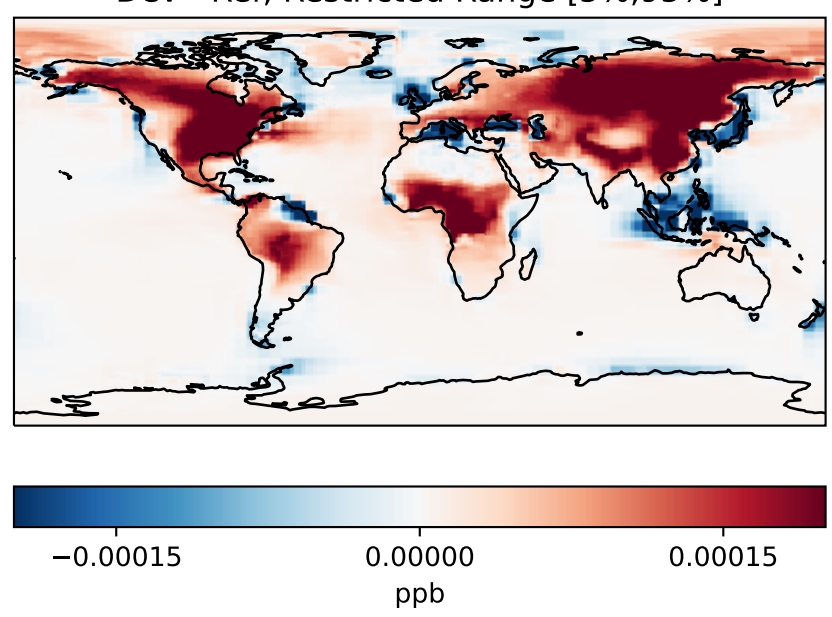

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



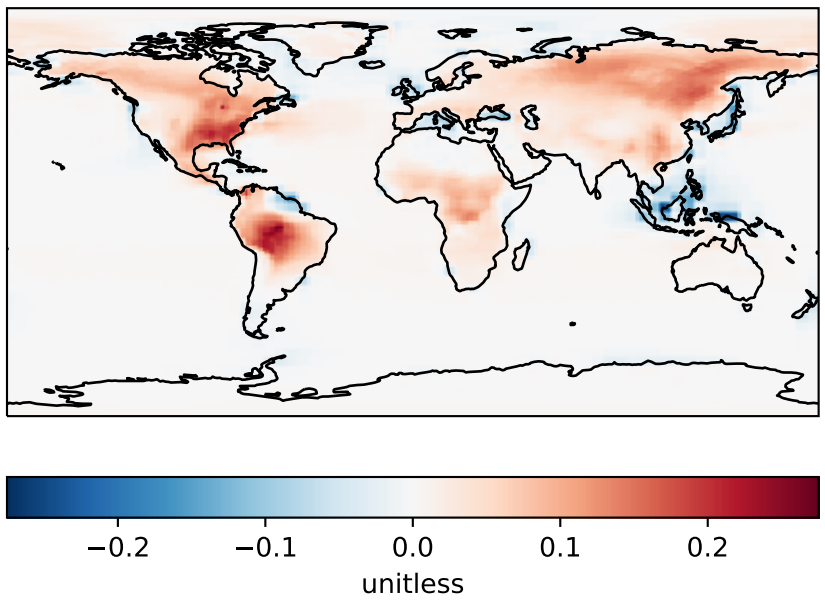

Difference (1x1.25)
Dev - Ref, Dynamic Range



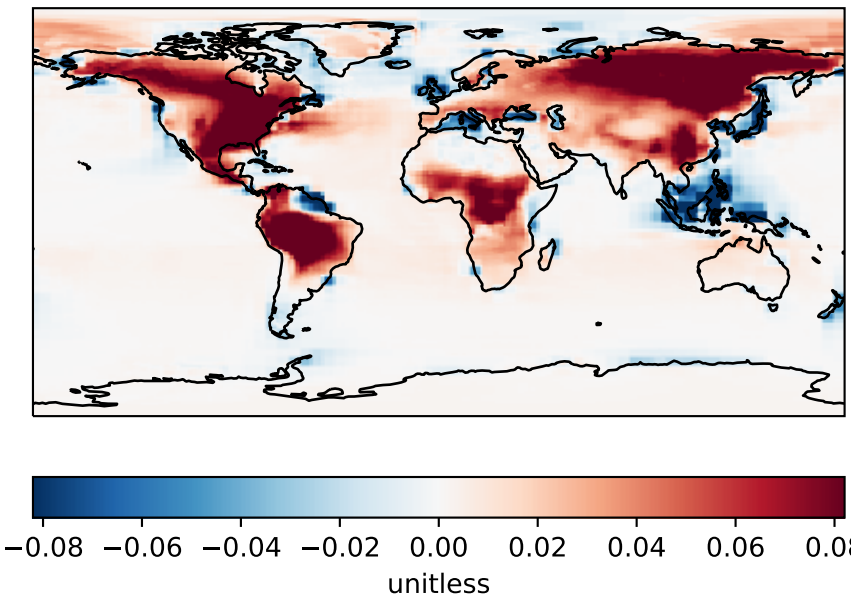

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

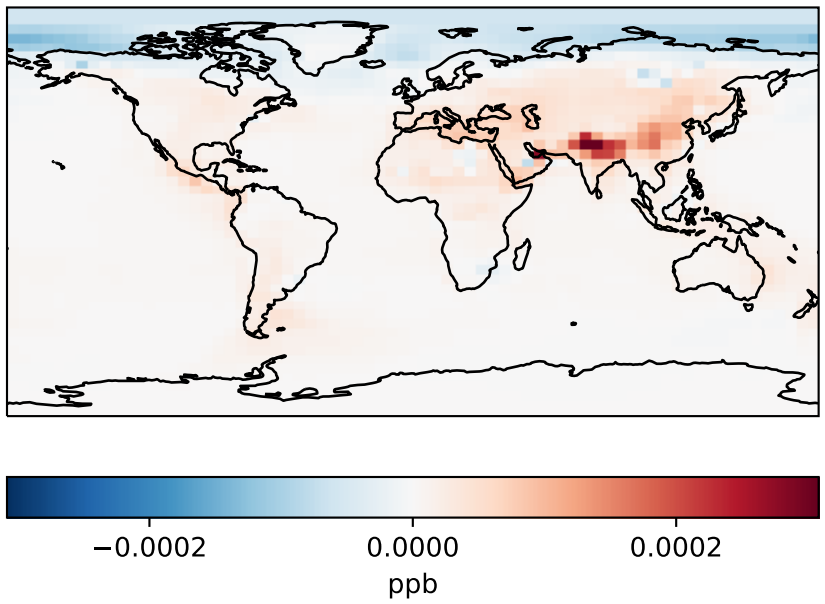



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

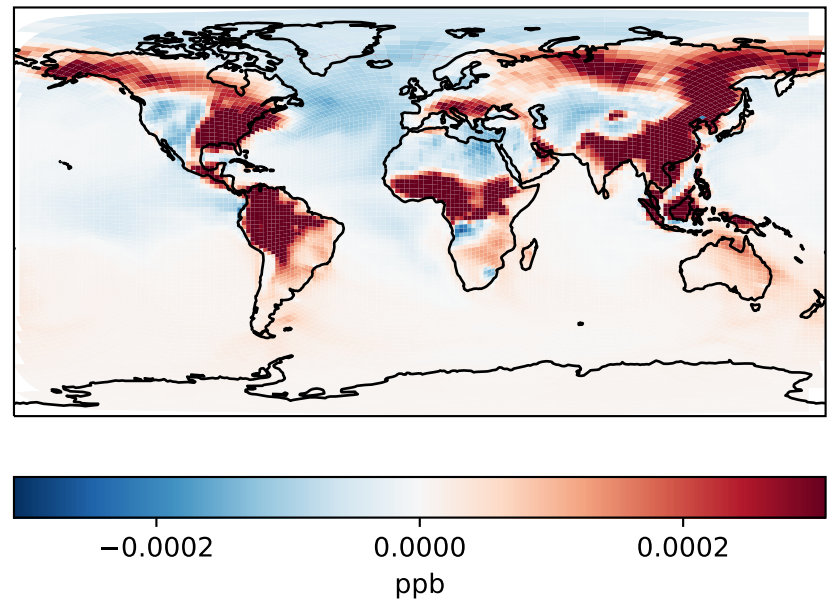


# SpeciesConc_IPRNO3

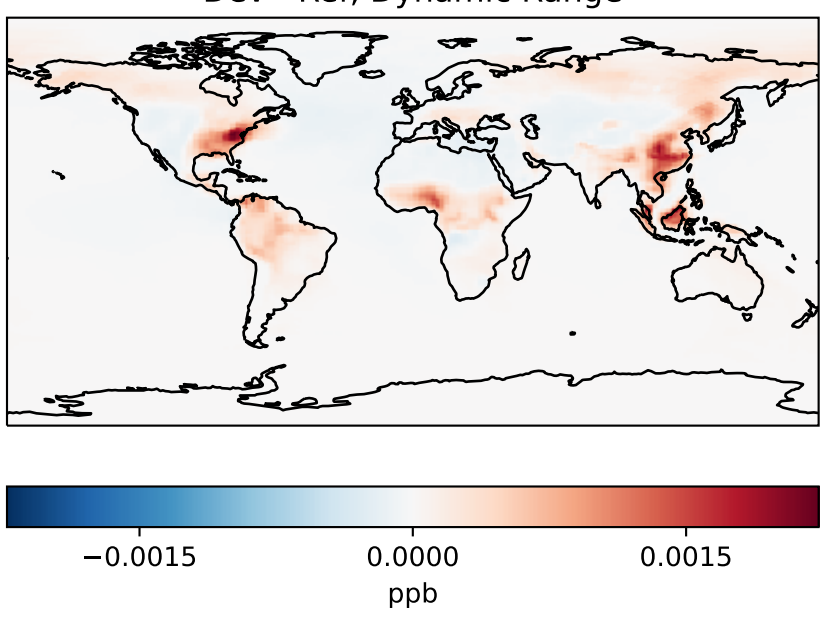
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



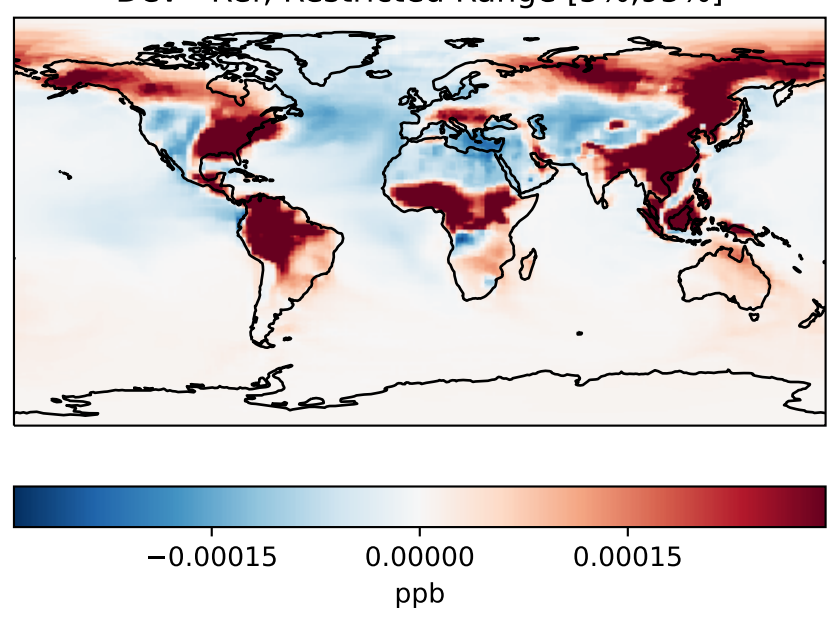

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



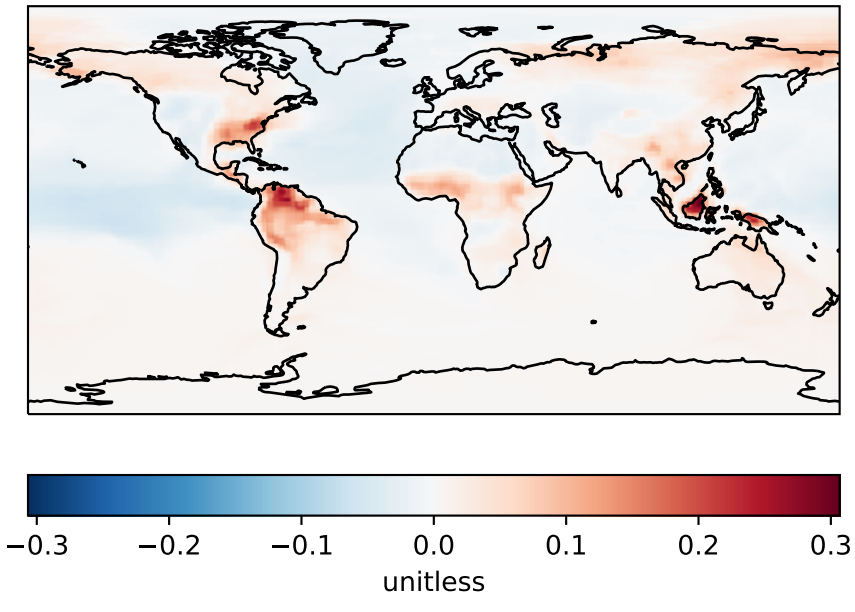

Difference (1x1.25)
Dev - Ref, Dynamic Range



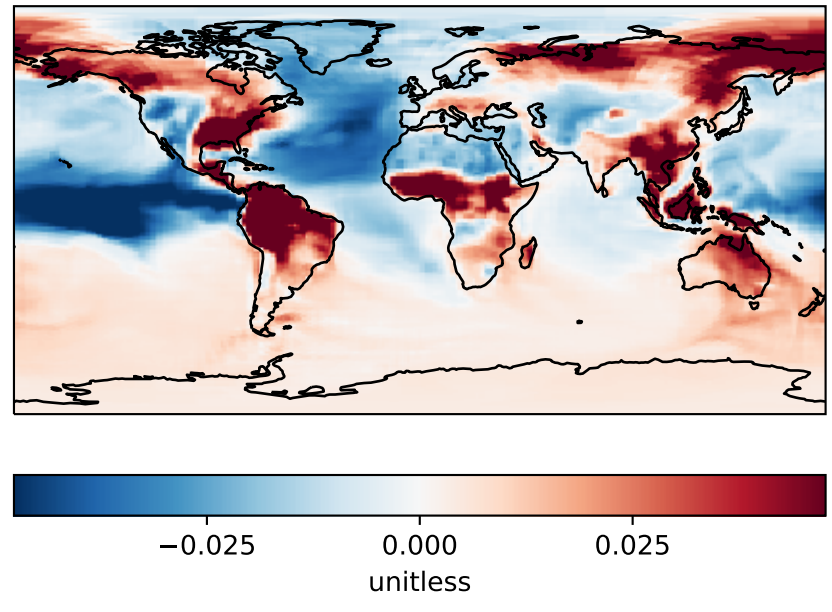

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

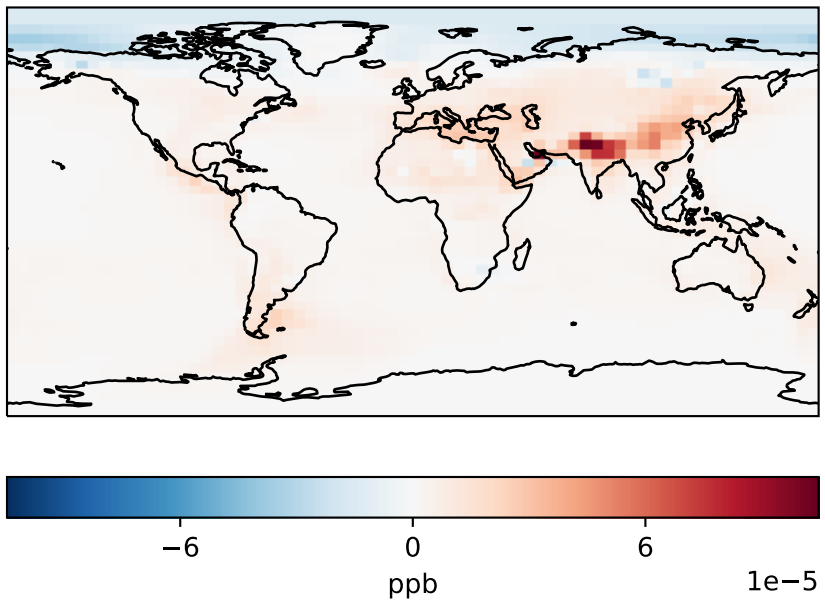



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

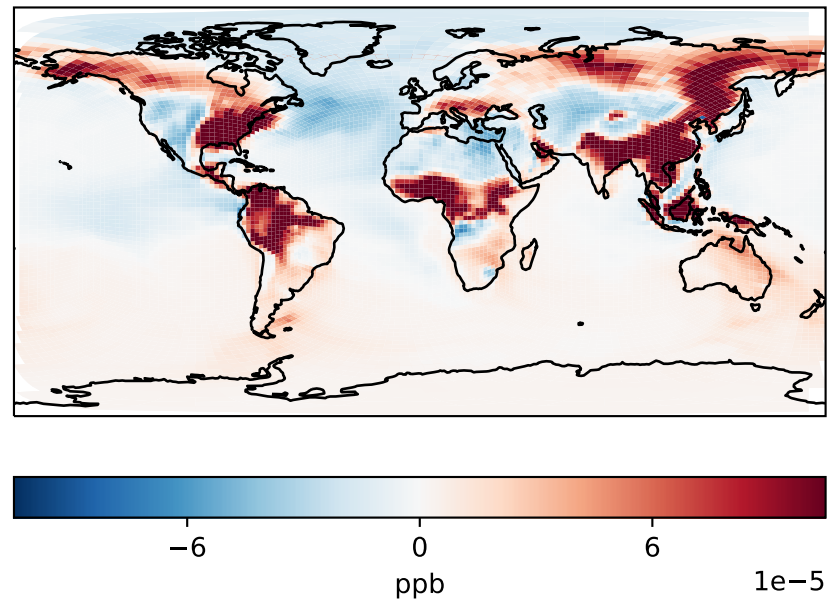


# SpeciesConc_NPRNO3

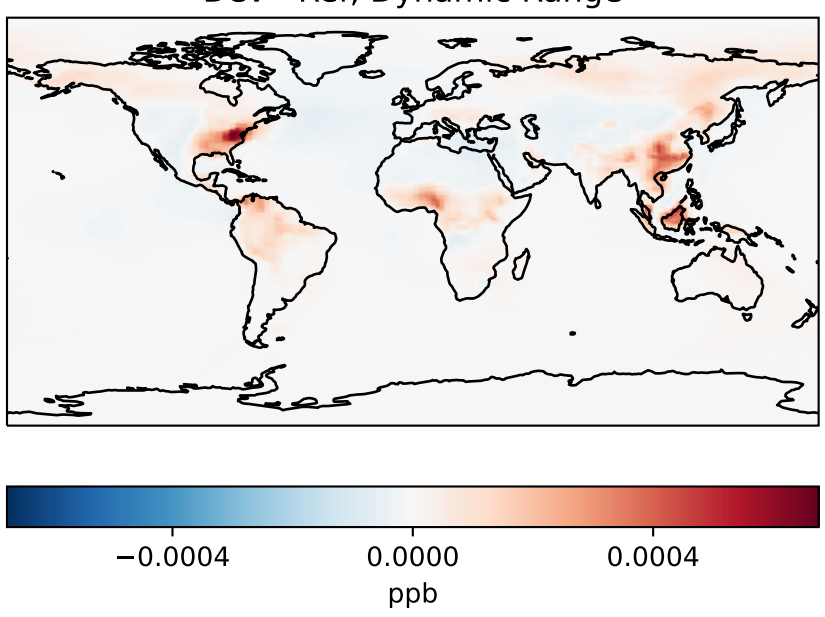
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



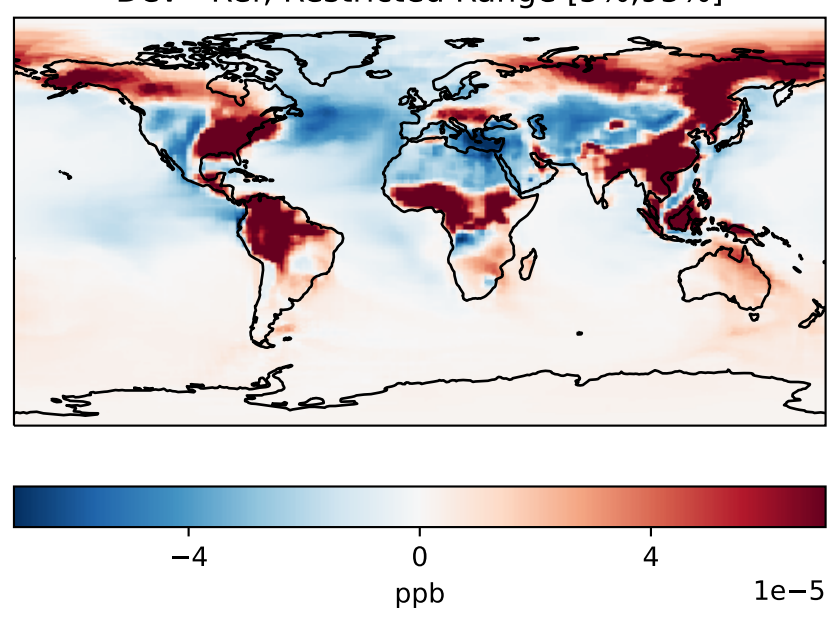

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



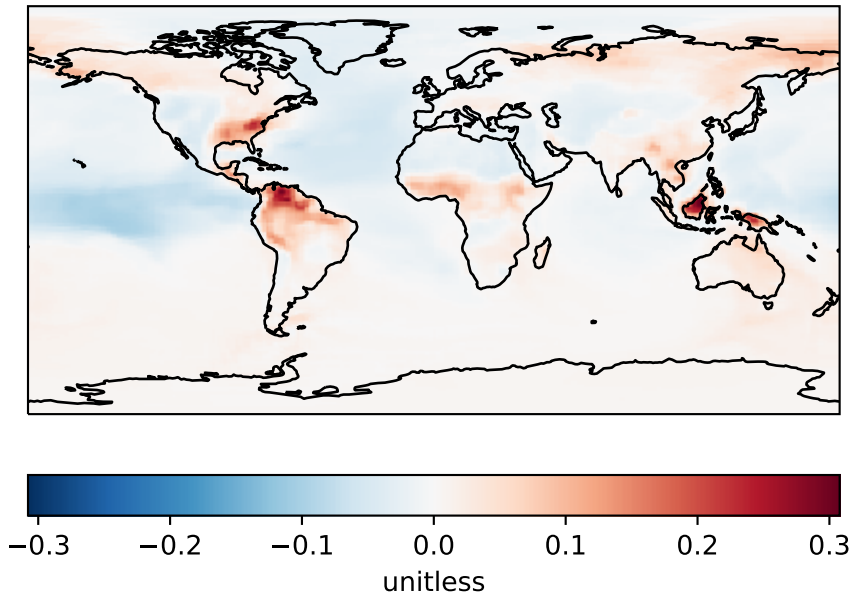

Difference (1x1.25)
Dev - Ref, Dynamic Range



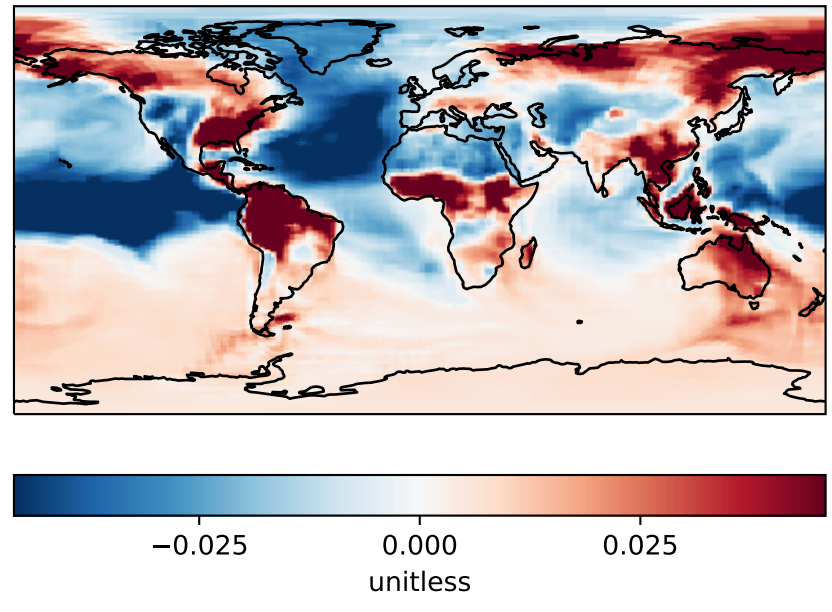

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

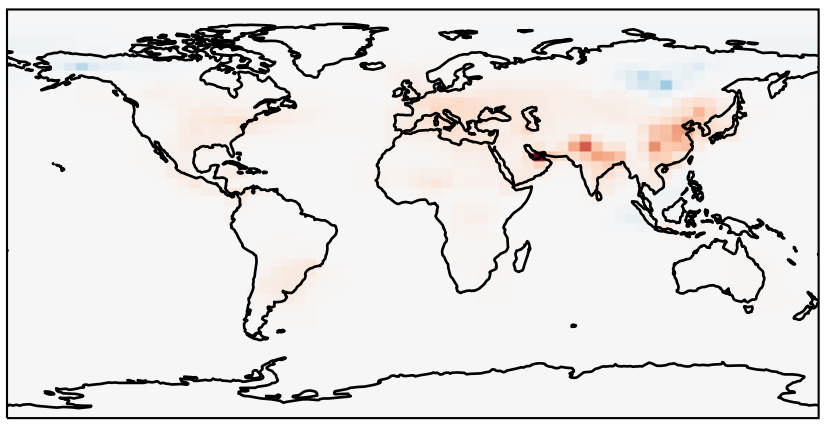


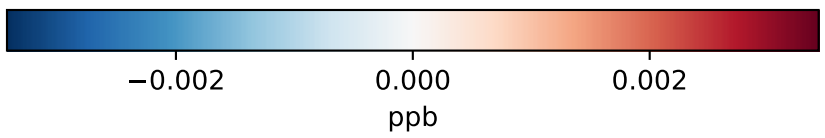

Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



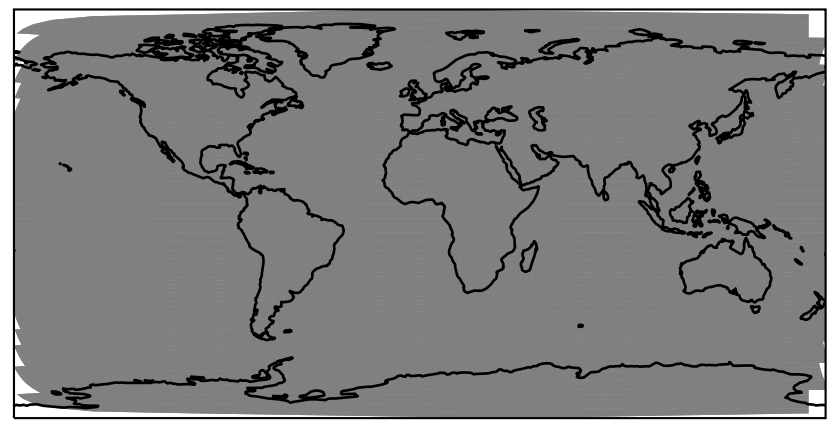
# SpeciesConc_AONITA

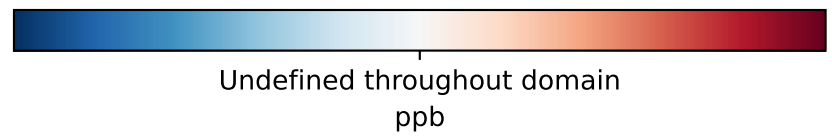
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



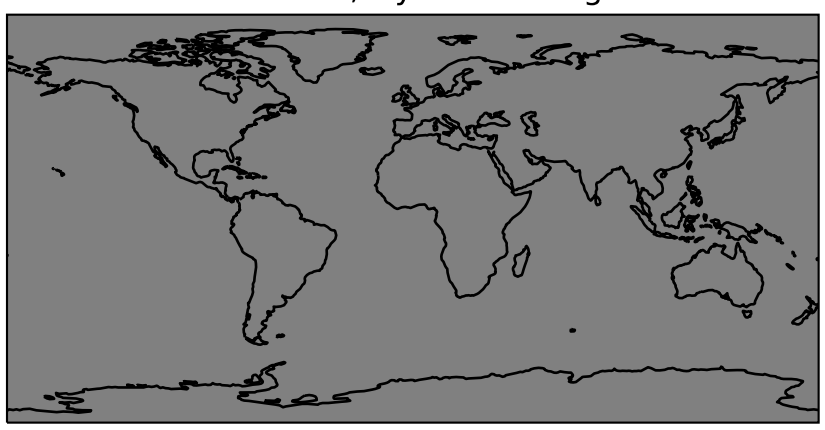



GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48

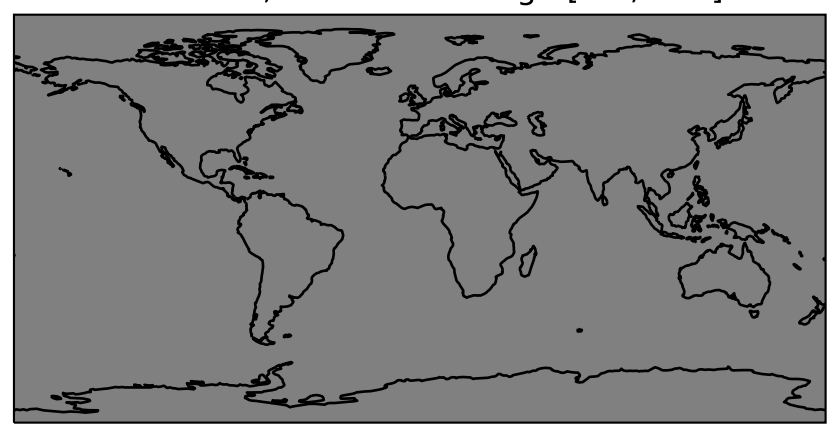




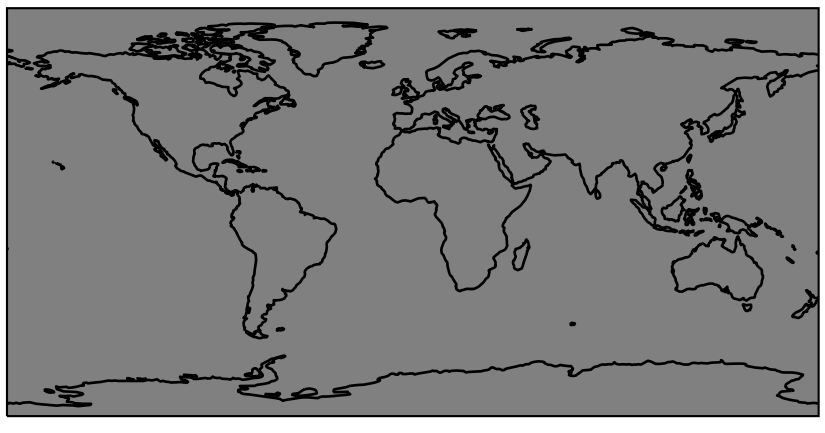

Difference (1x1.25)
Dev - Ref, Dynamic Range



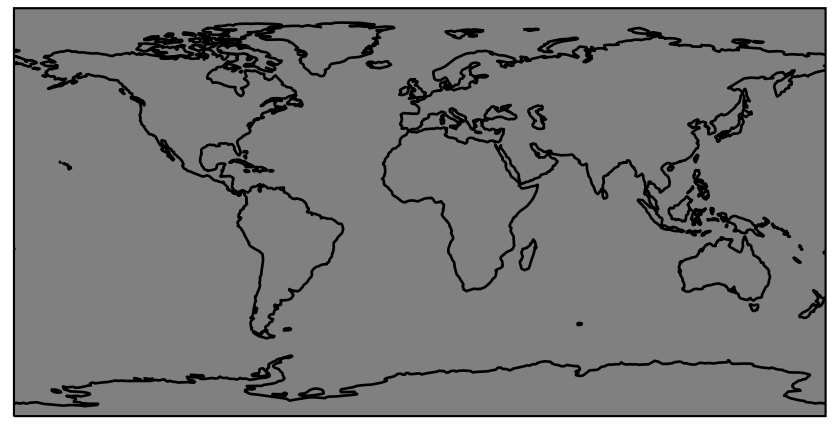
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

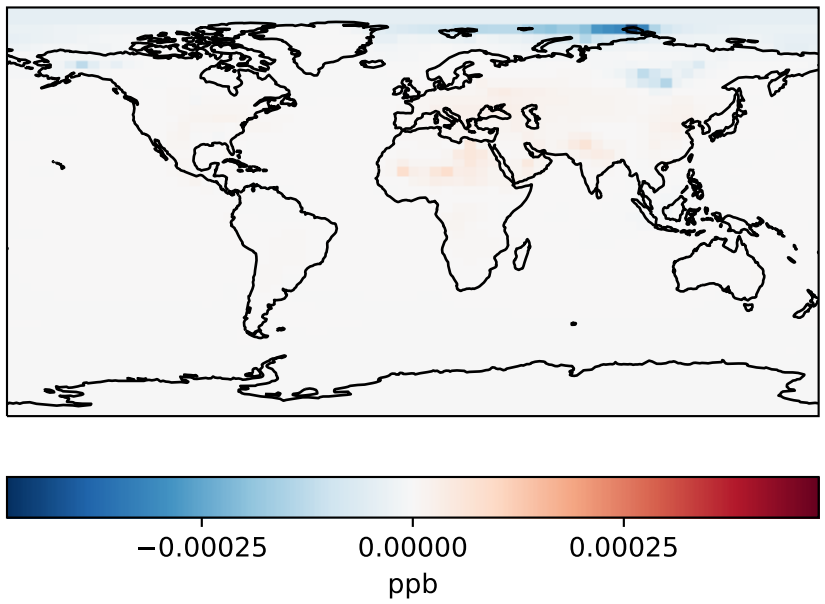


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

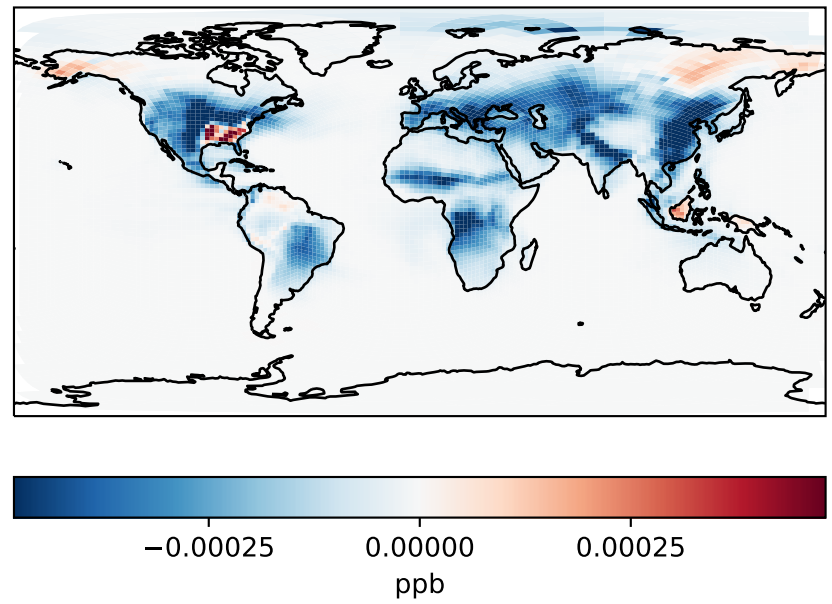


# SpeciesConc_ETHN

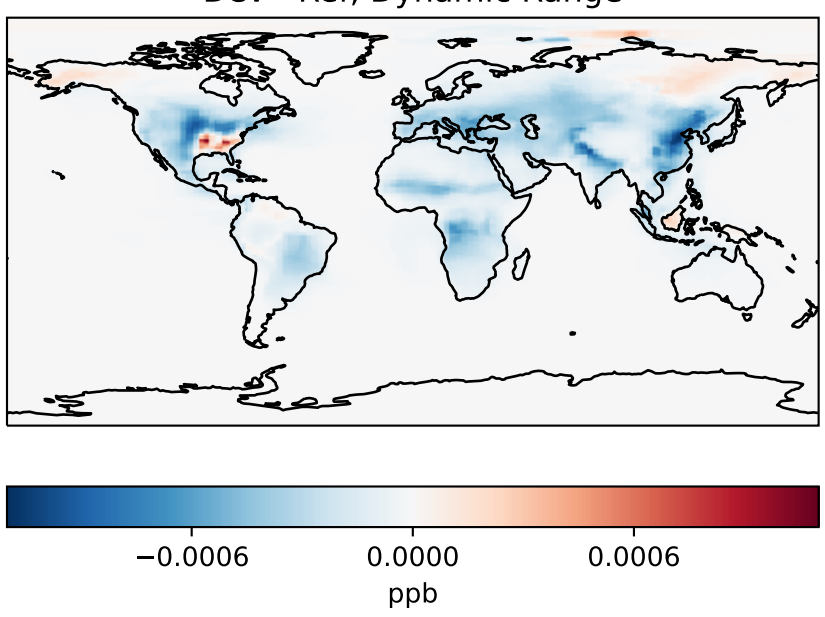
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



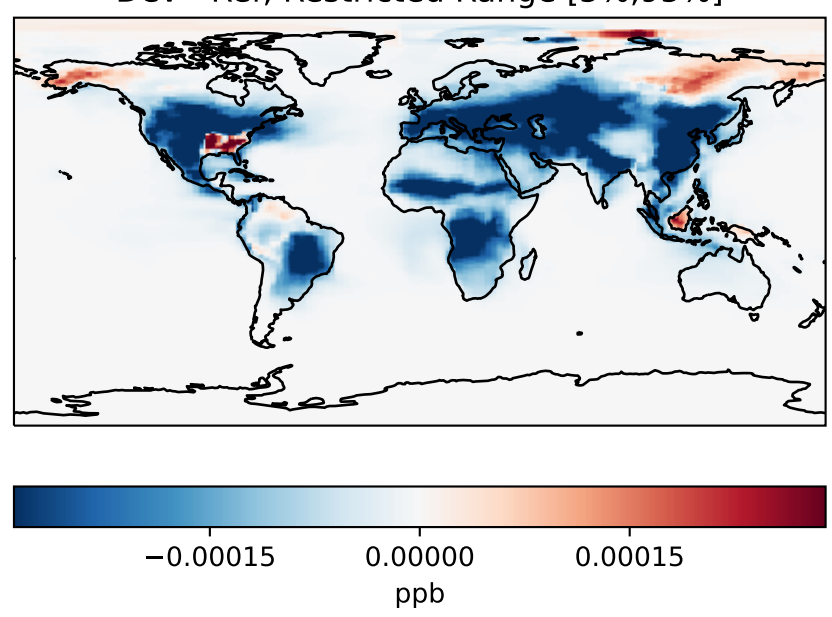

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



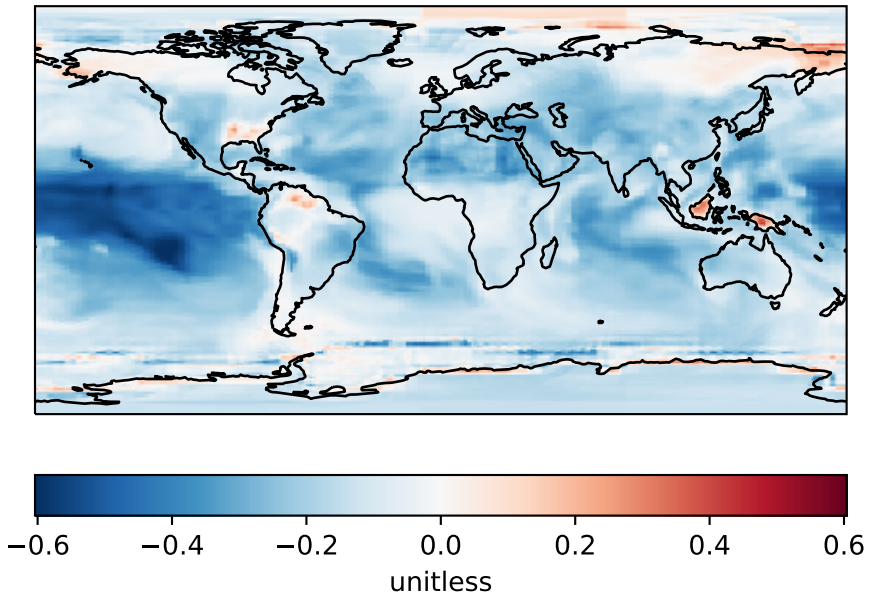

Difference (1x1.25)
Dev - Ref, Dynamic Range



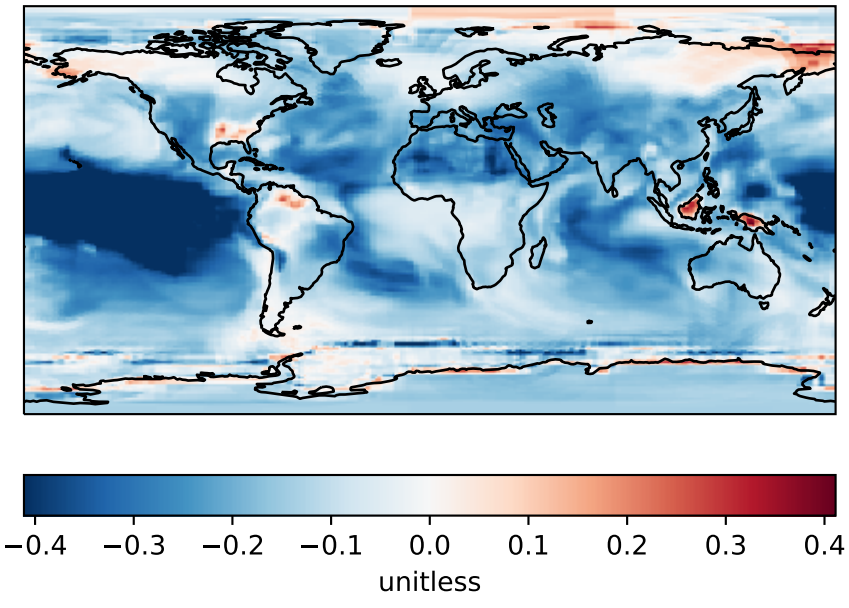

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

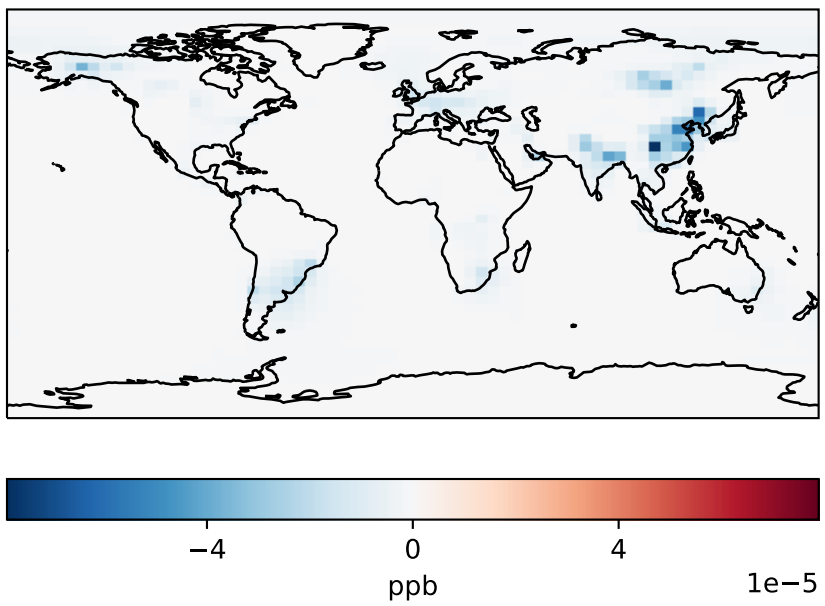



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

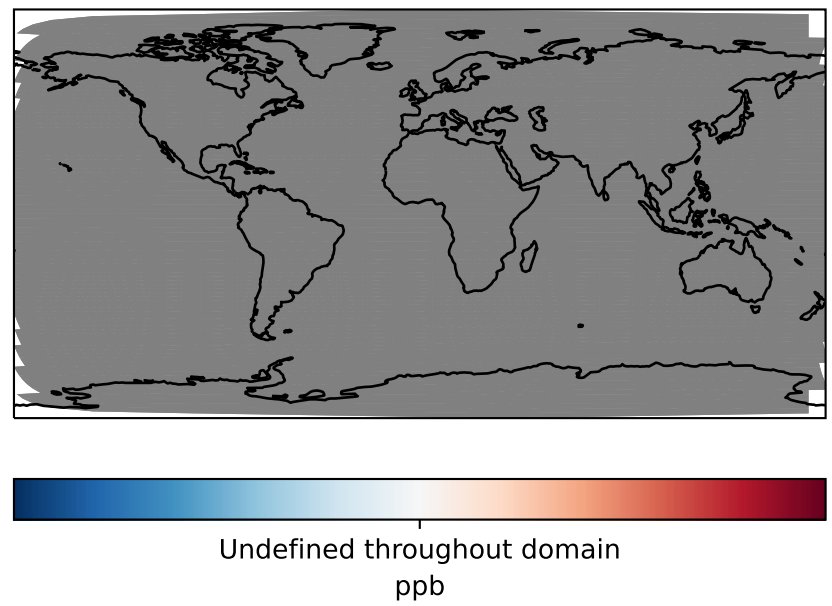


# SpeciesConc_BZPAN

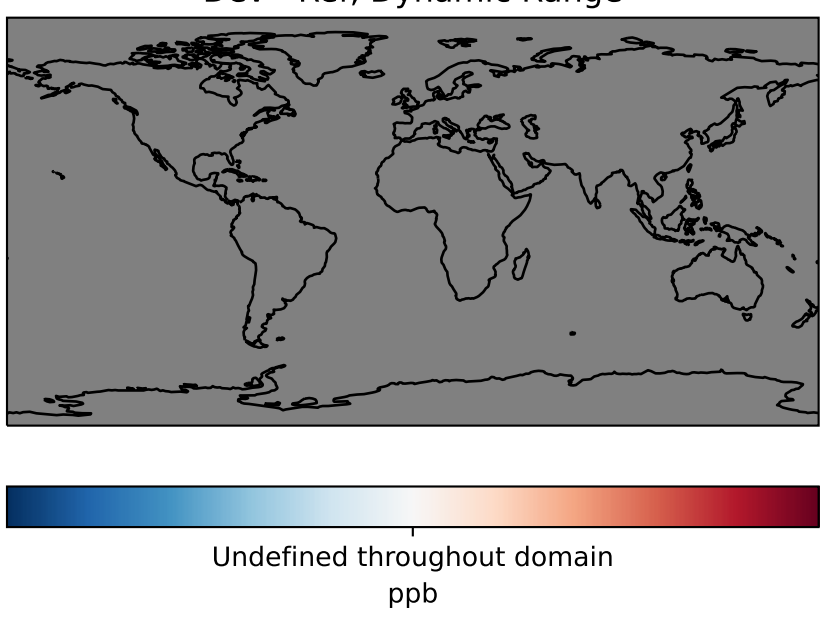
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



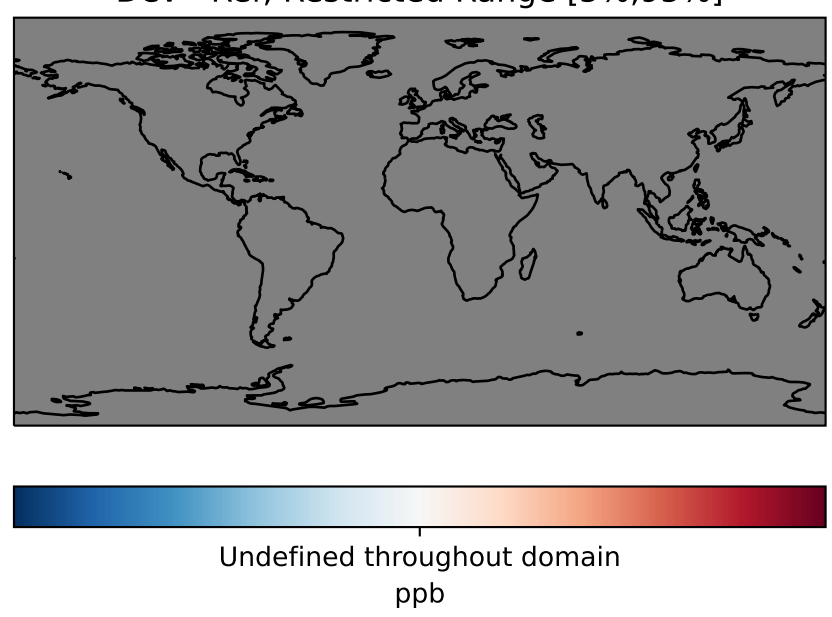

GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48



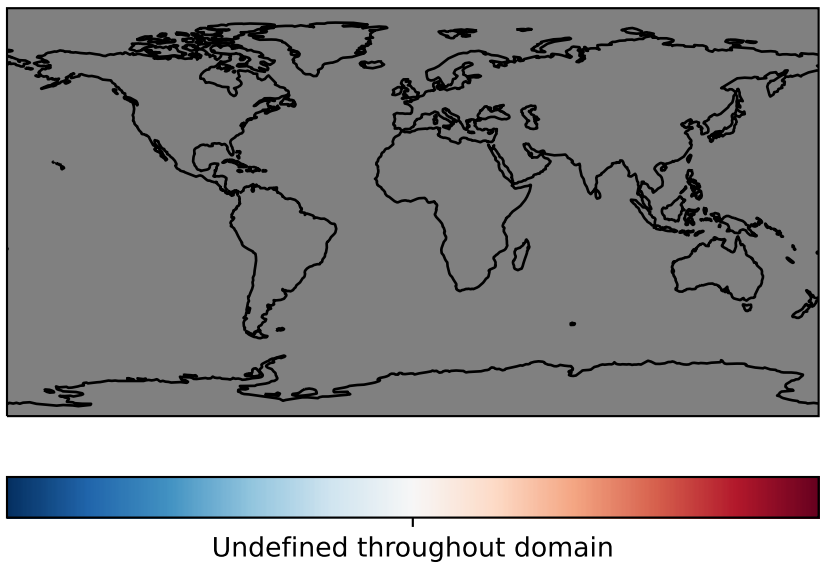

Difference (1x1.25)
Dev - Ref, Dynamic Range



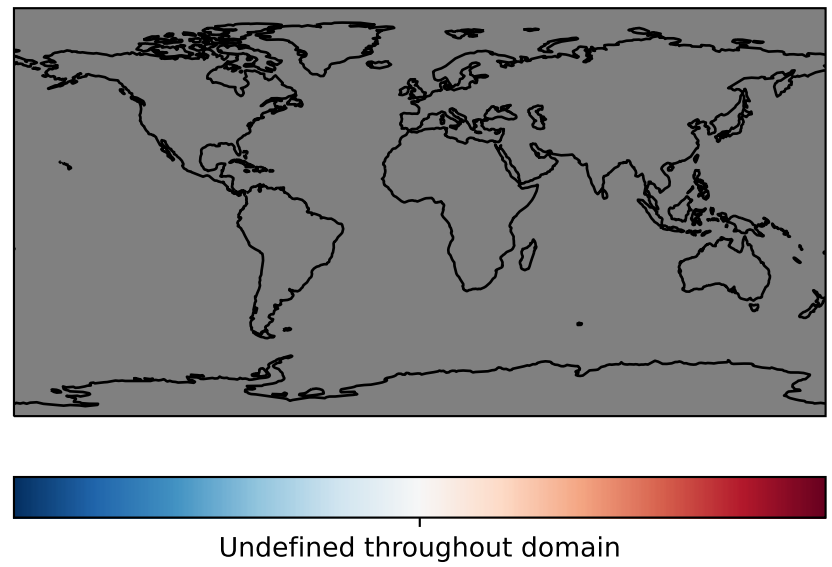

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

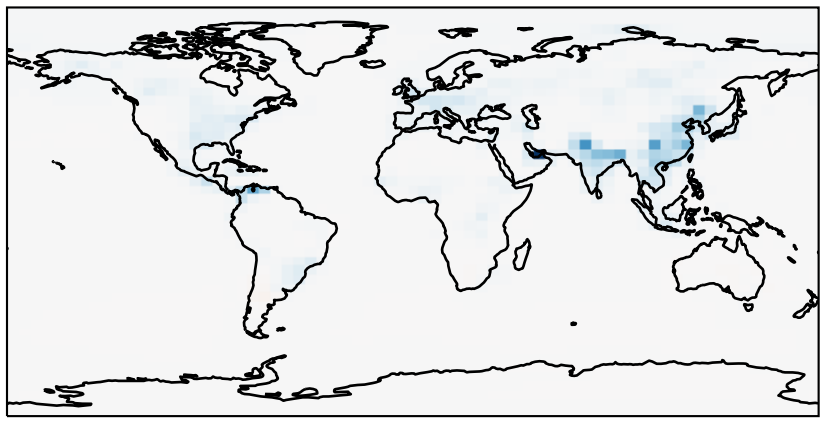


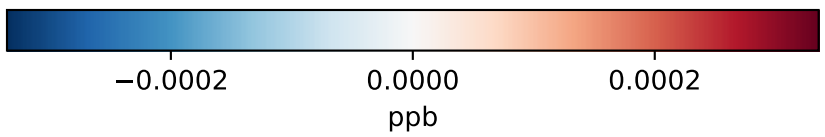

Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



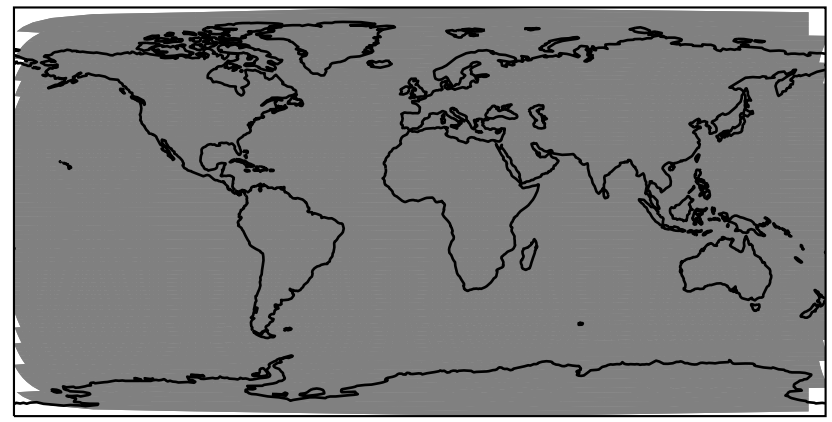
# SpeciesConc_NPHEN

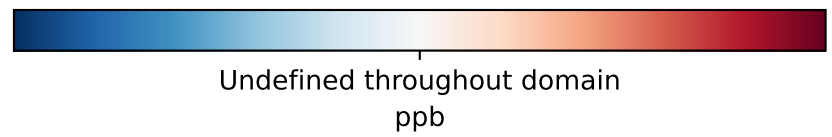
GCC_13.4.0-rc.0 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



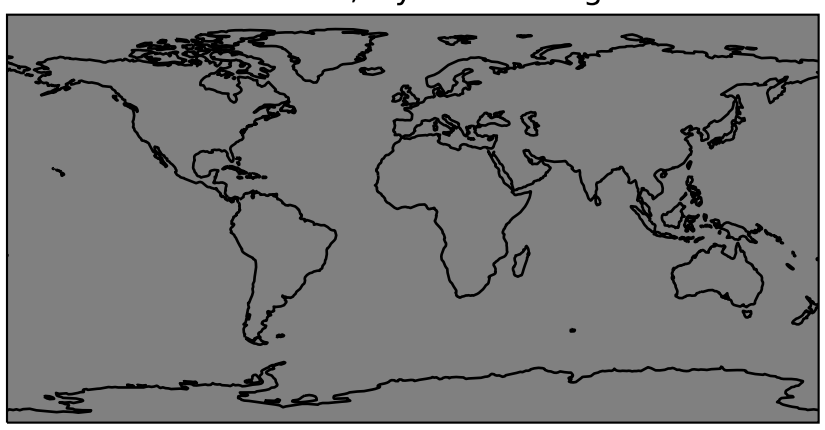



GCHP_13.4.0-rc.1 - GCHP_13.3.0-rc.1 (Dev)
c48

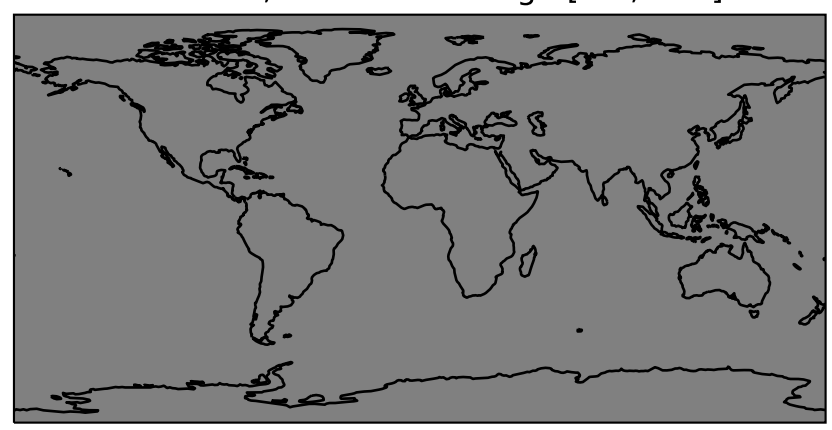




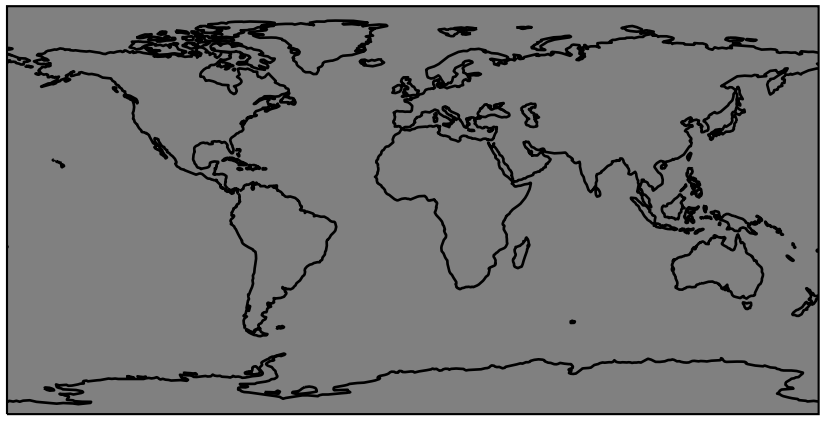
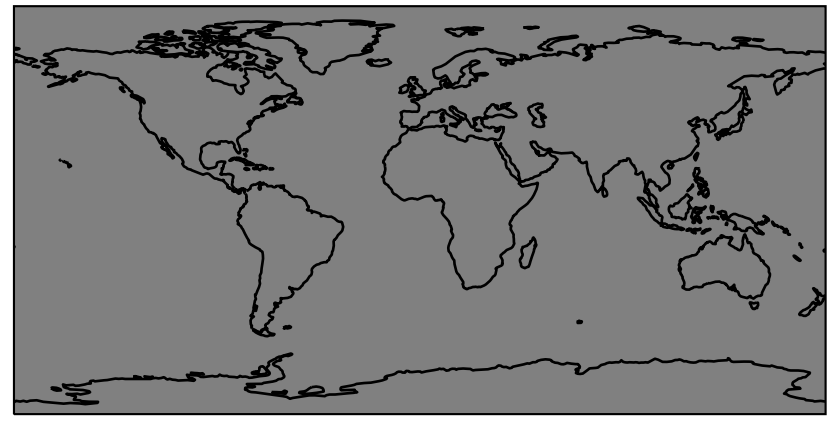

Difference (1x1.25)
Dev - Ref, Dynamic Range



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