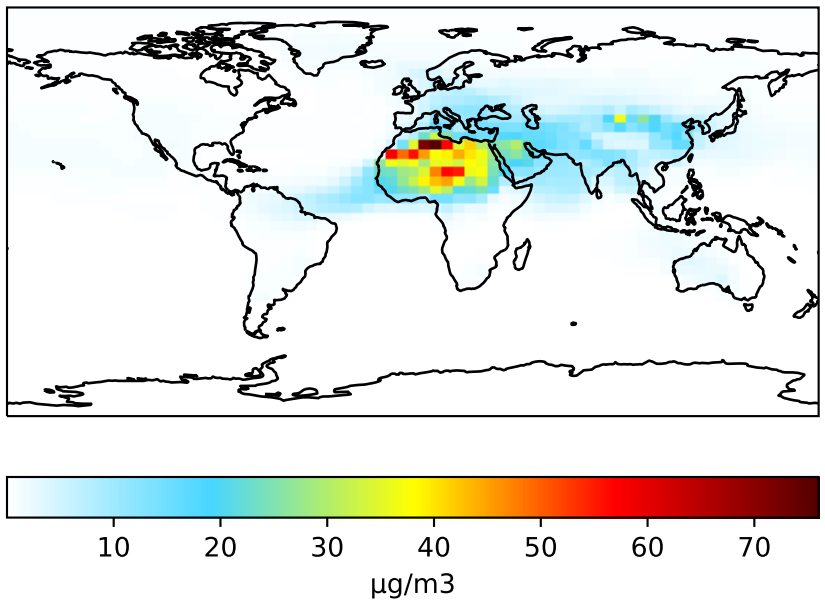
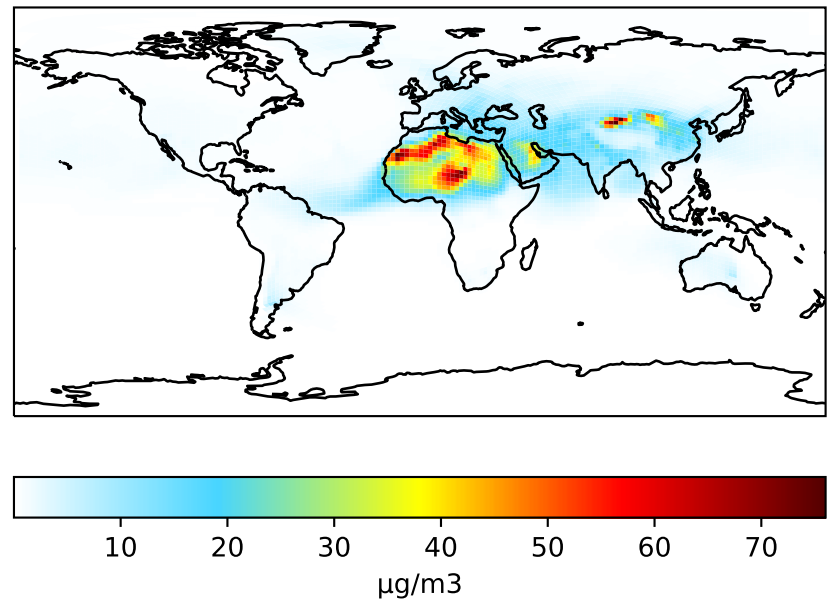
# SpeciesConc_DST1 (Apr2019)

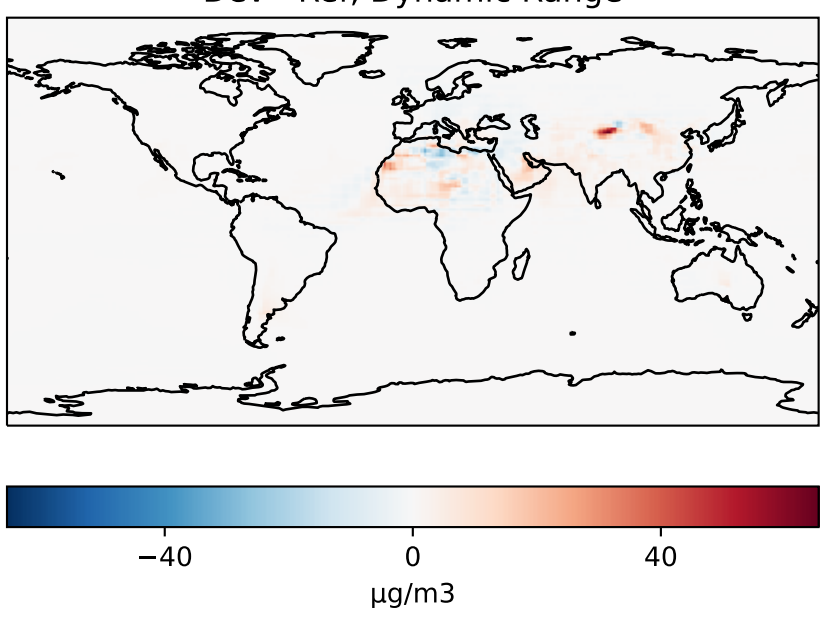
GCC_13.2.0 (Ref)
4.0x5.0



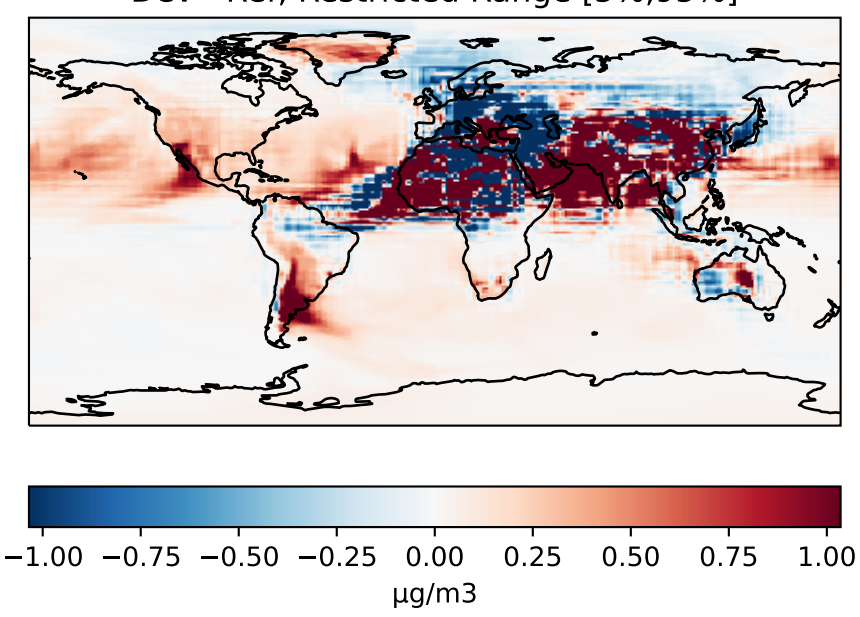

GCHP_13.2.0 (Dev)
c48



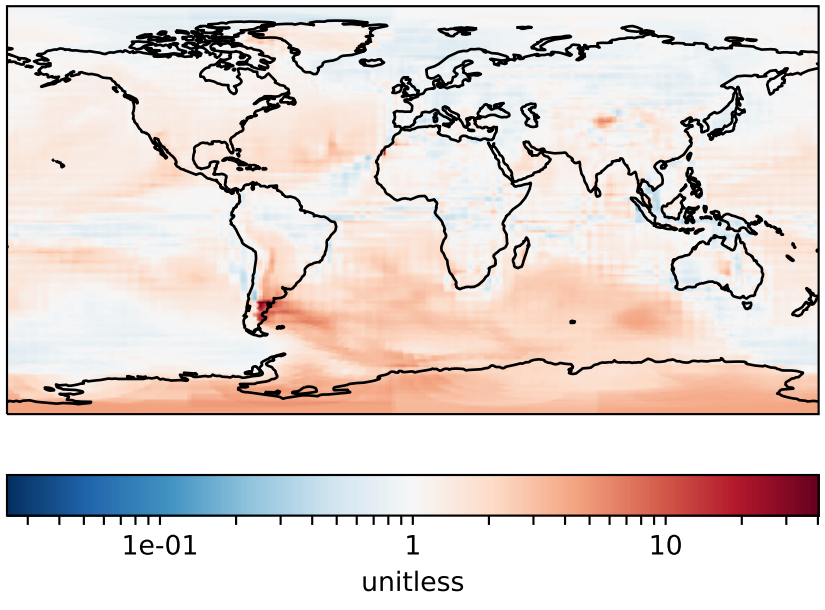

Difference (1x1.25)
Dev - Ref, Dynamic Range



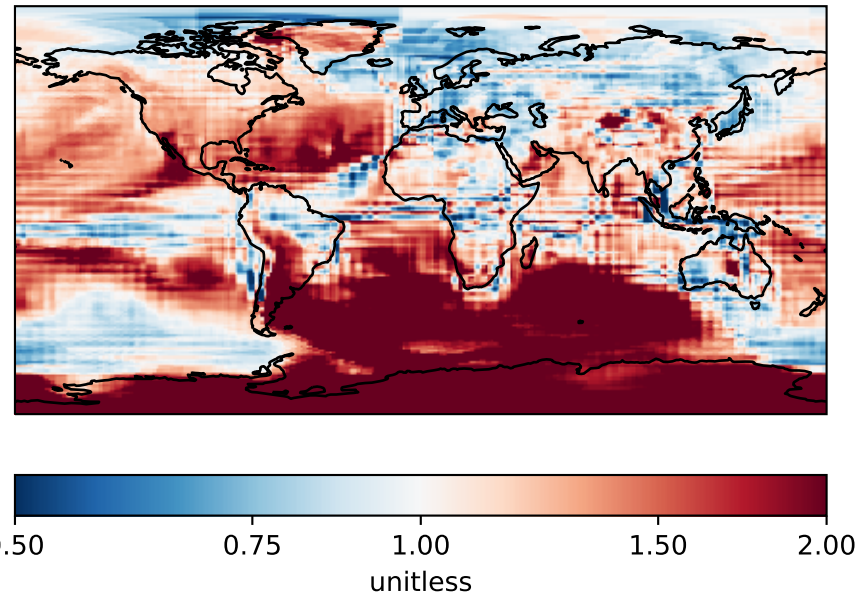

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

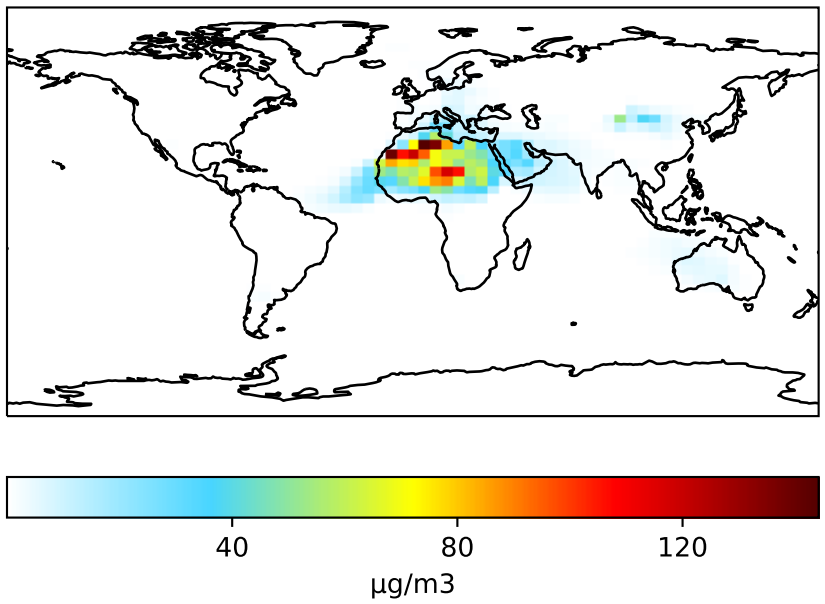



Ratio (1x1.25)
Dev/Ref, Fixed Range

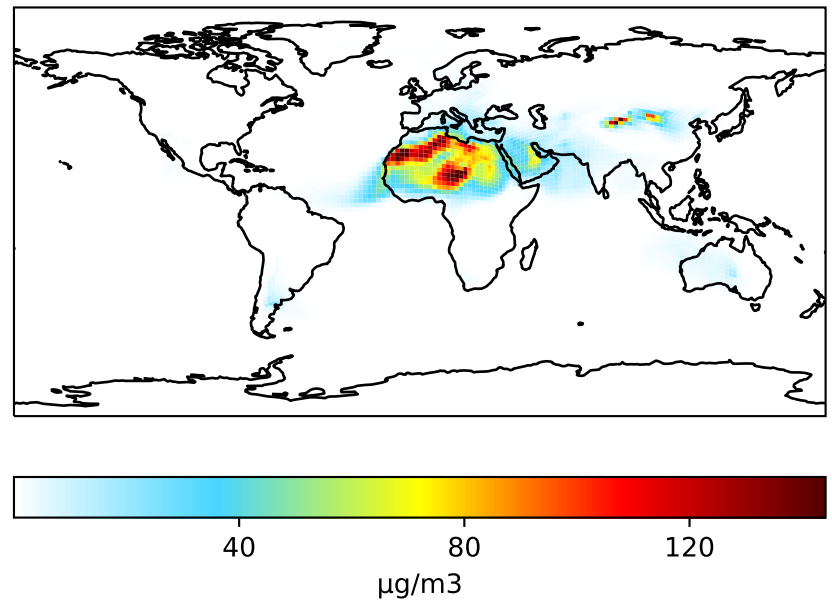


# SpeciesConc_DST2 (Apr2019)

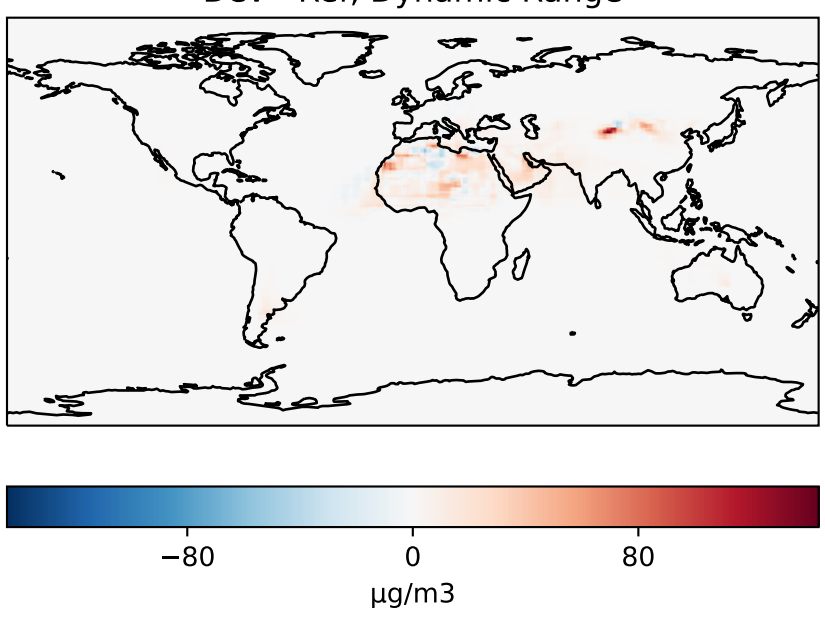
GCC_13.2.0 (Ref)
4.0x5.0



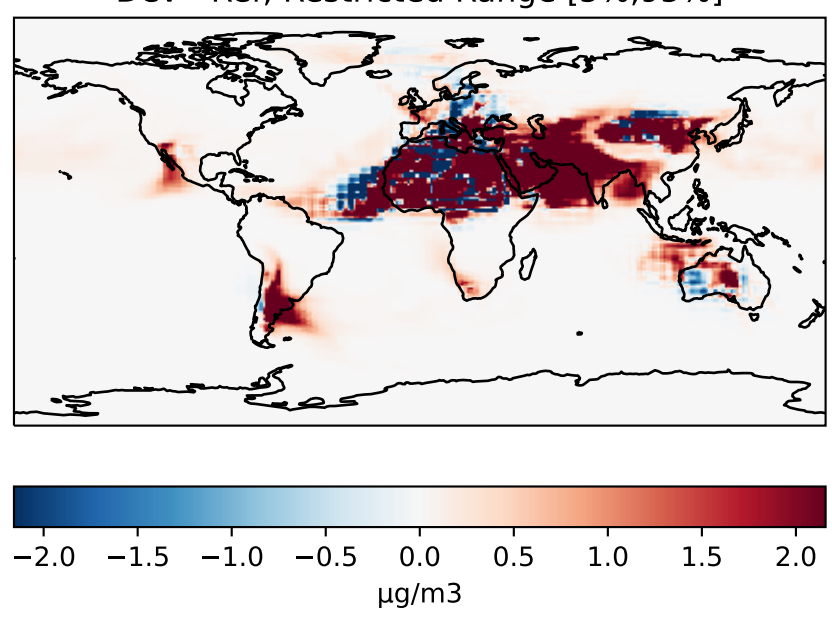

GCHP_13.2.0 (Dev)
c48



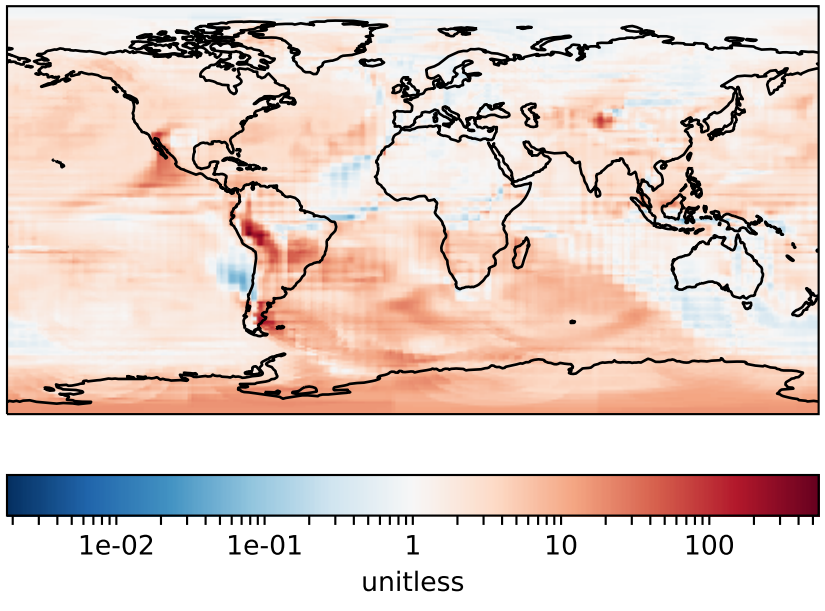

Difference (1x1.25)
Dev - Ref, Dynamic Range



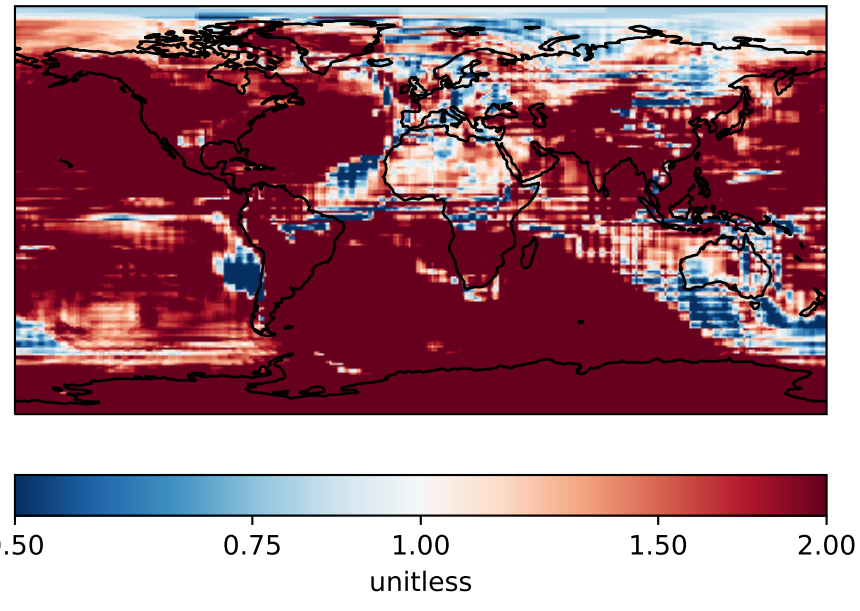

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

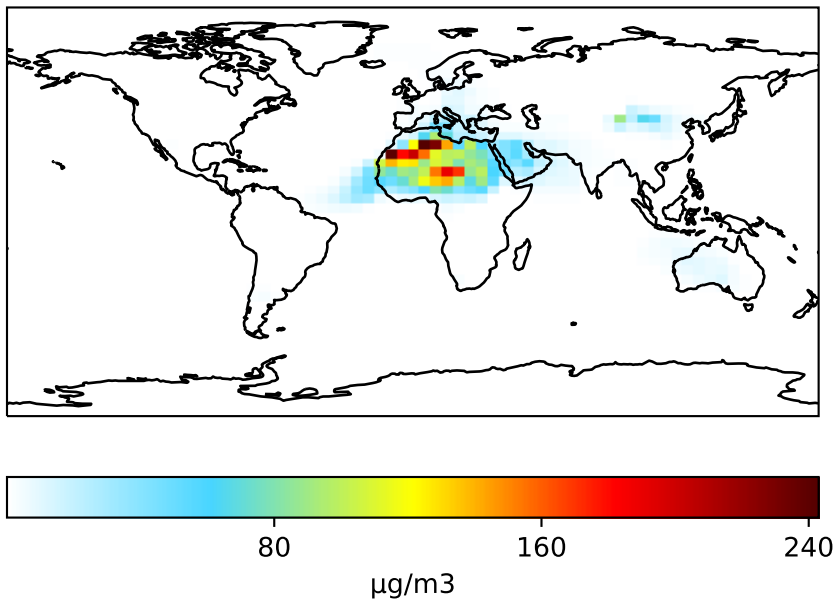



Ratio (1x1.25)
Dev/Ref, Fixed Range

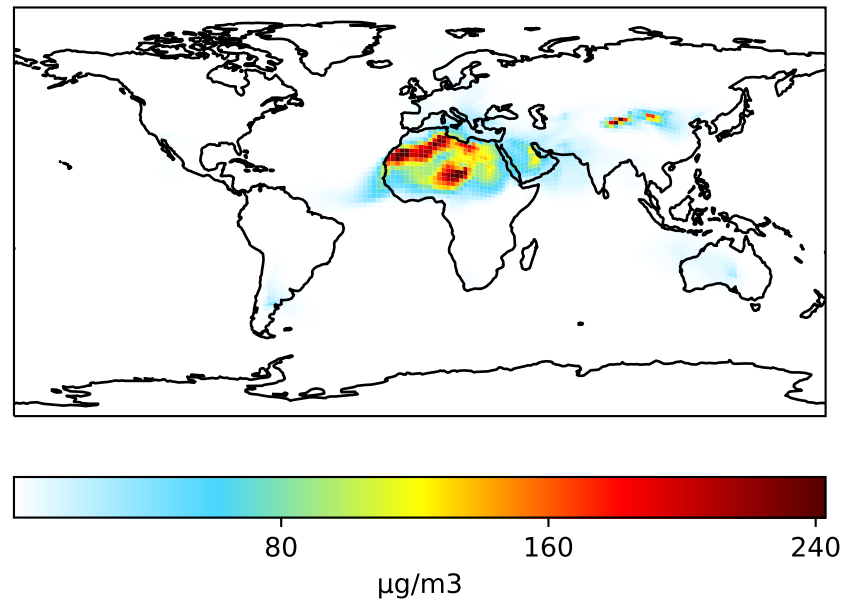


# SpeciesConc_DST3 (Apr2019)

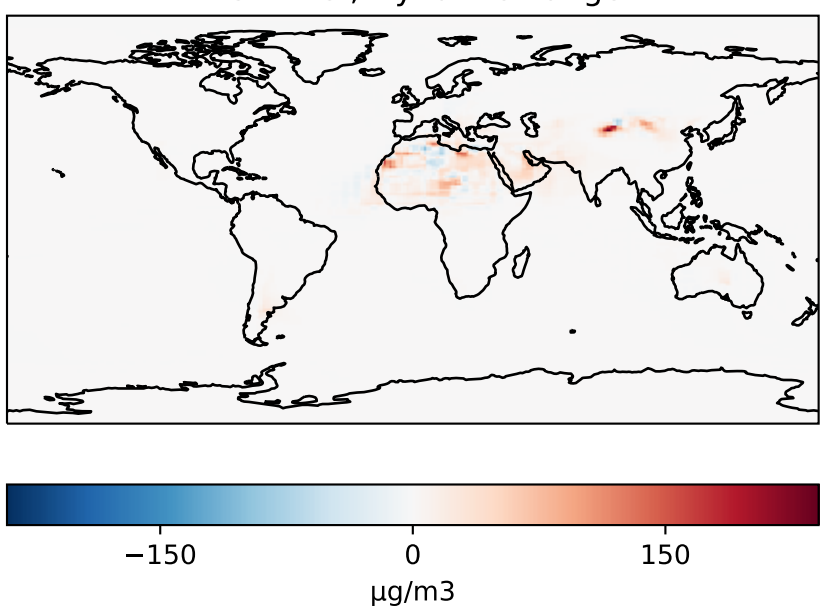
GCC_13.2.0 (Ref)
4.0x5.0



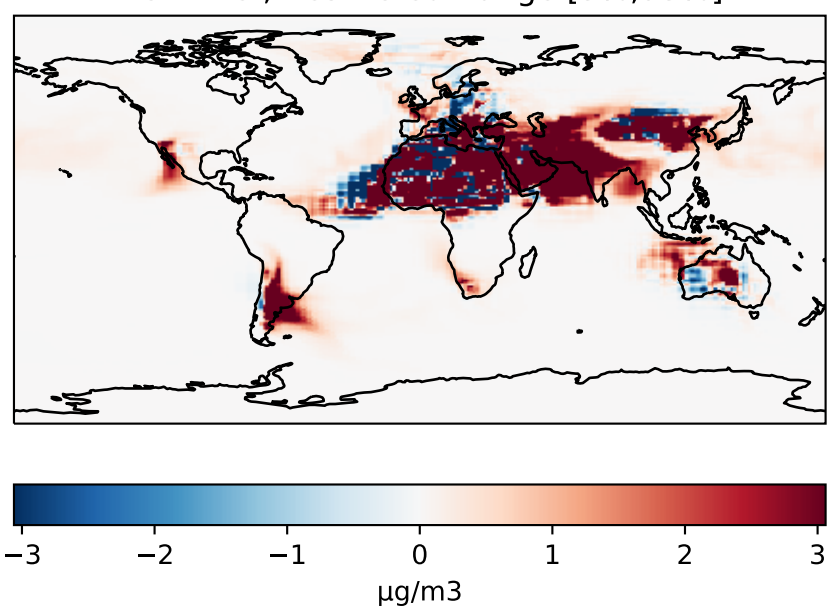

GCHP_13.2.0 (Dev)
c48



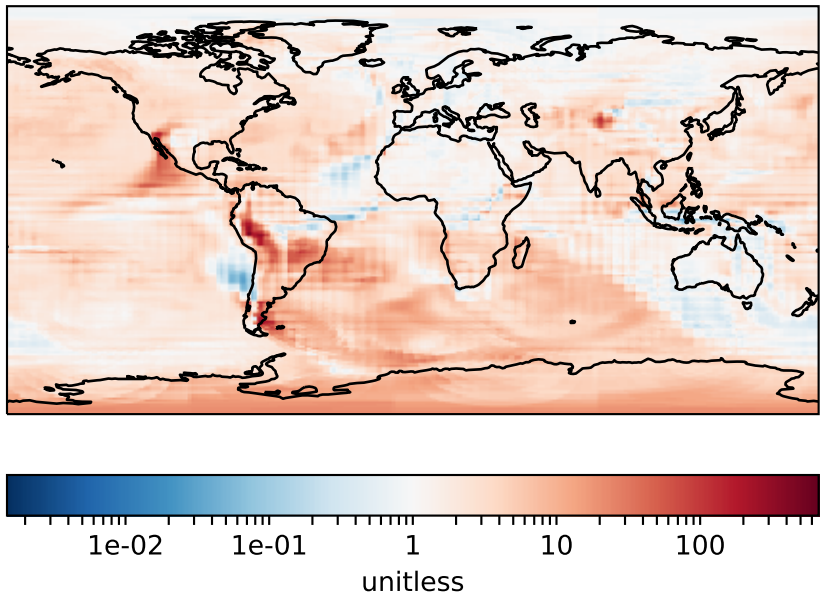

Difference (1x1.25)
Dev - Ref, Dynamic Range



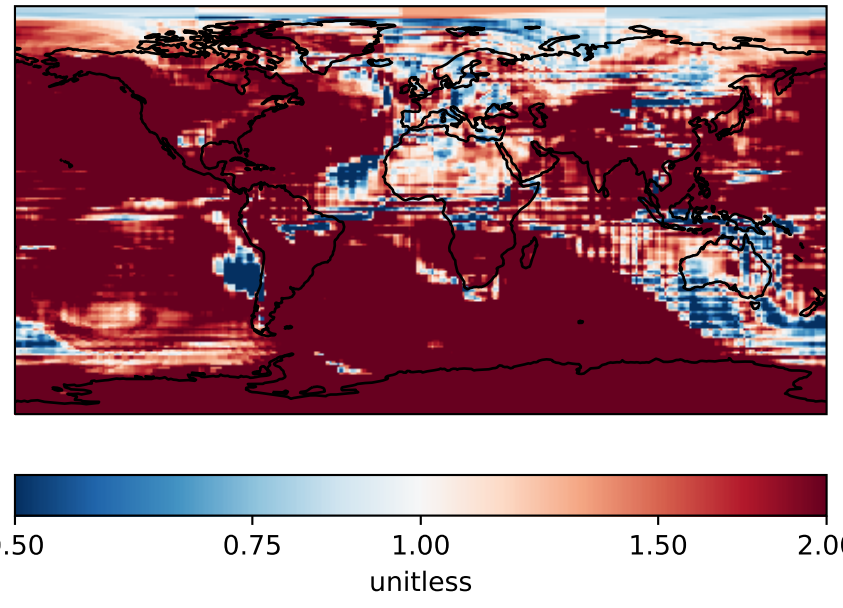

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

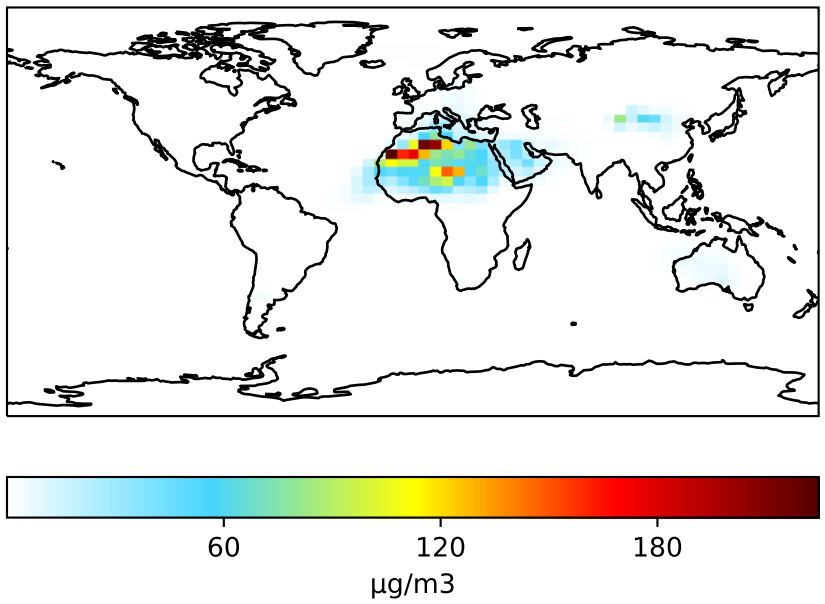



Ratio (1x1.25)
Dev/Ref, Fixed Range

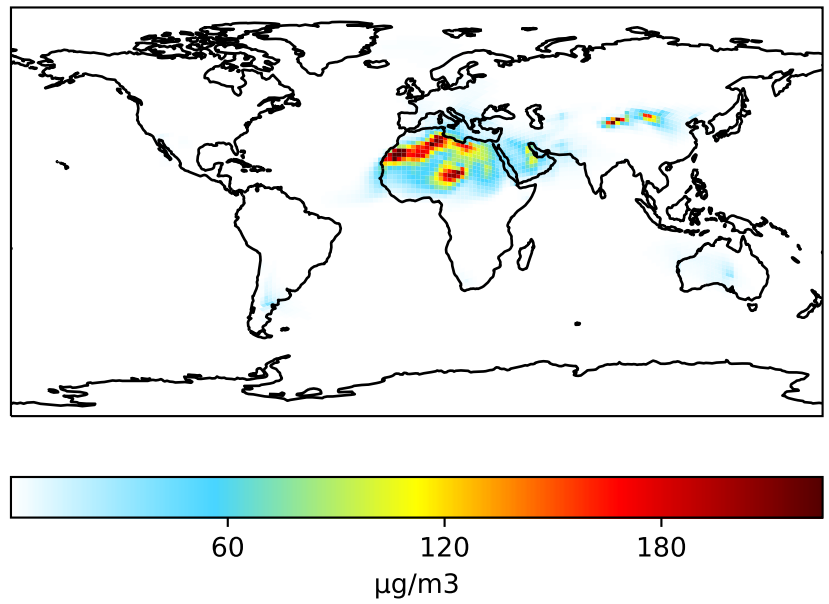


# SpeciesConc_DST4 (Apr2019)

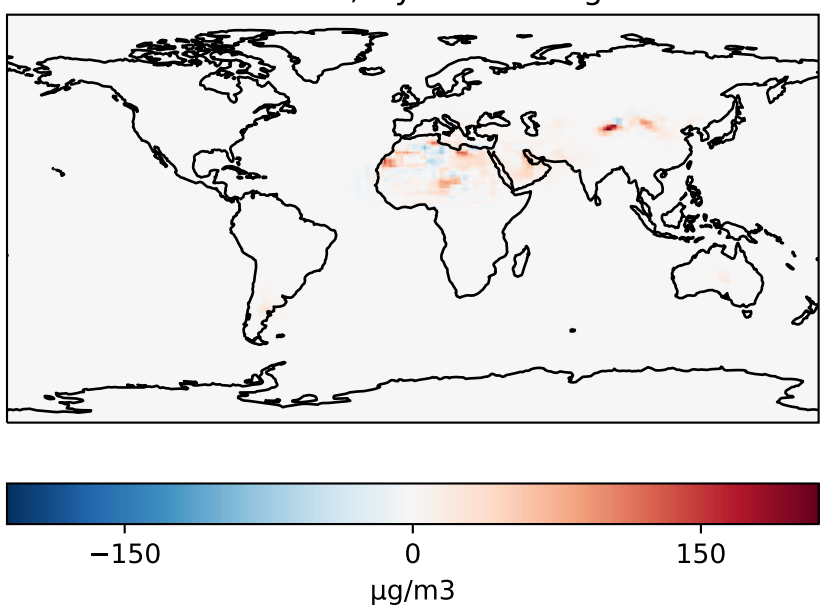
GCC_13.2.0 (Ref)
4.0x5.0



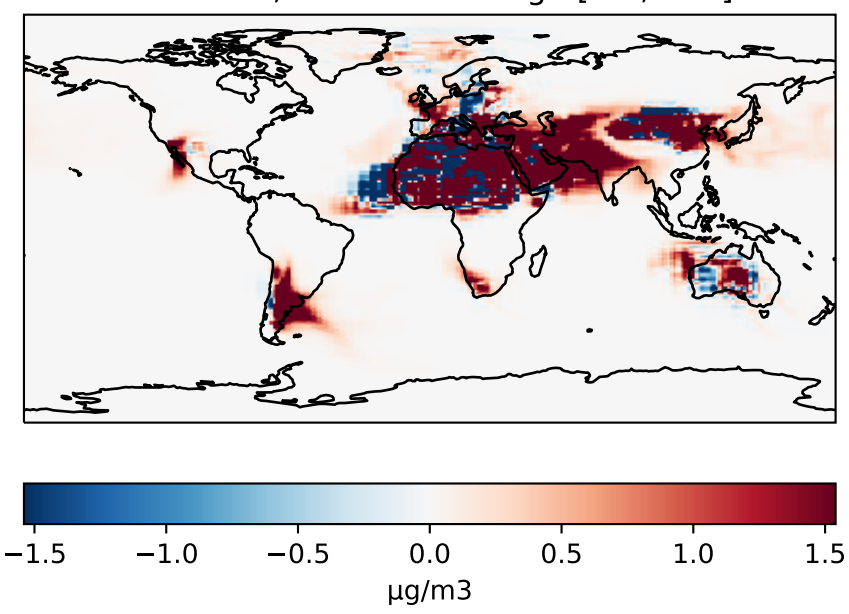

GCHP_13.2.0 (Dev)
c48



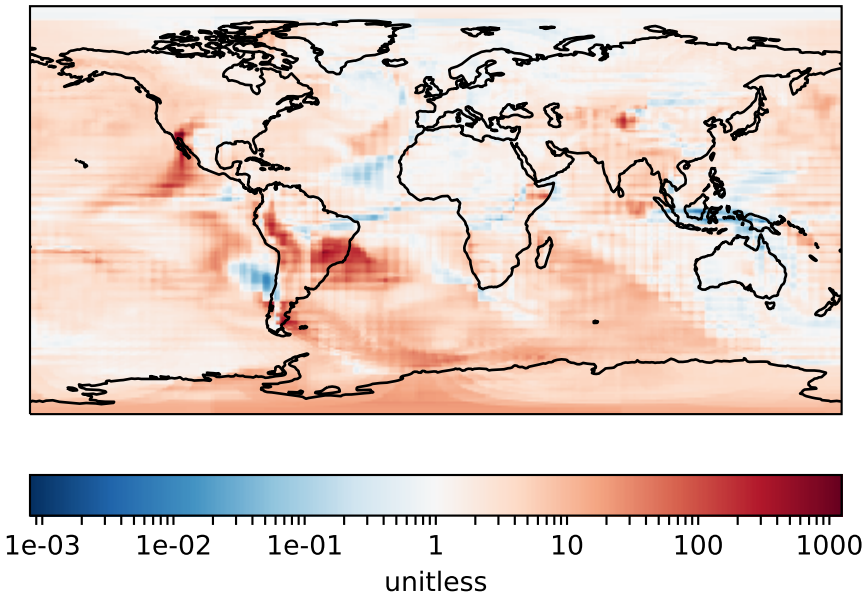

Difference (1x1.25)
Dev - Ref, Dynamic Range



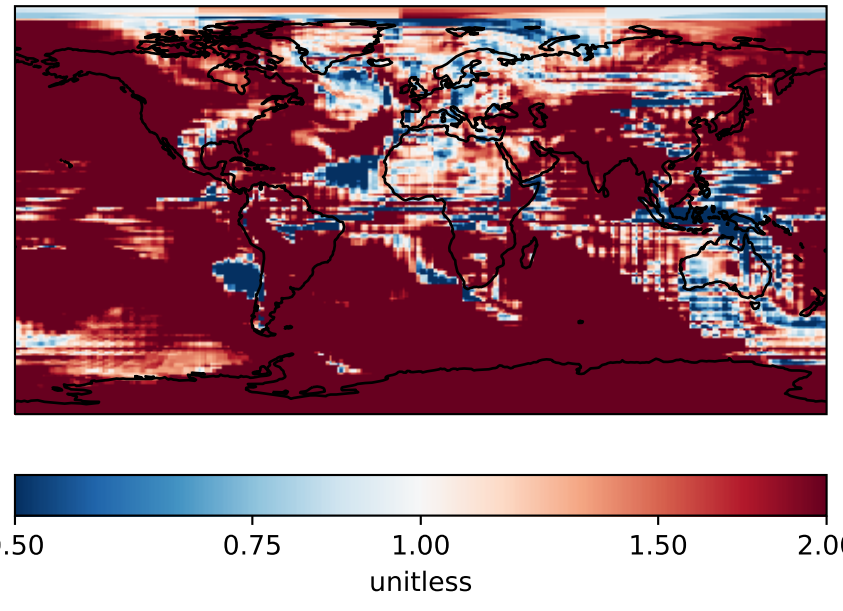

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

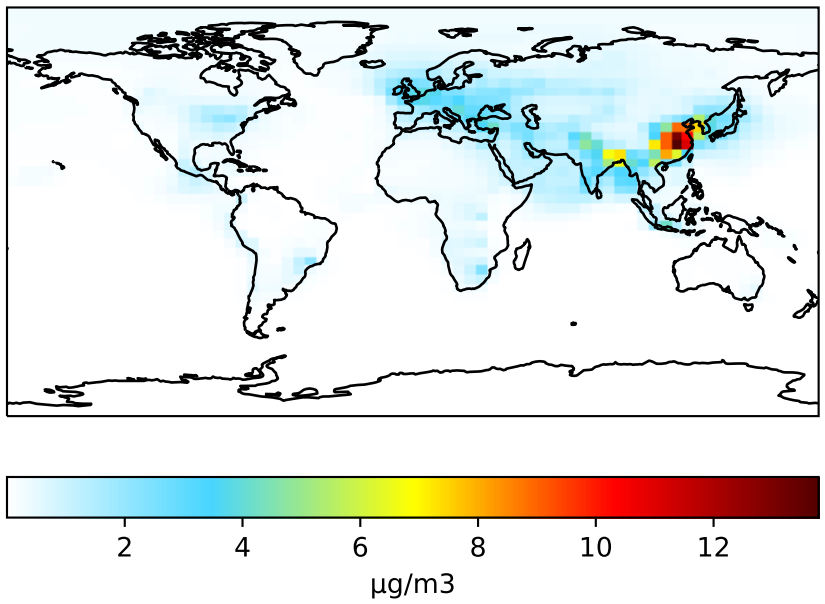



Ratio (1x1.25)
Dev/Ref, Fixed Range

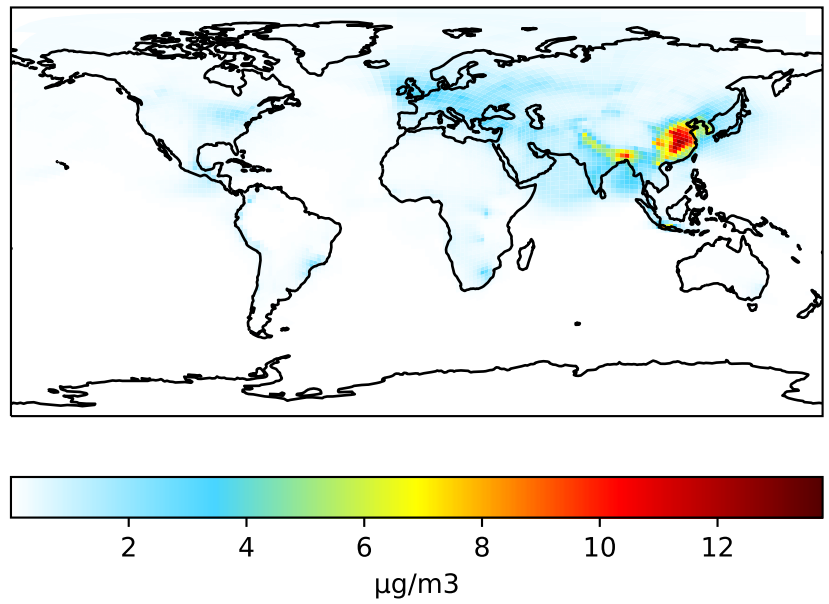


# SpeciesConc_NH4 (Apr2019)

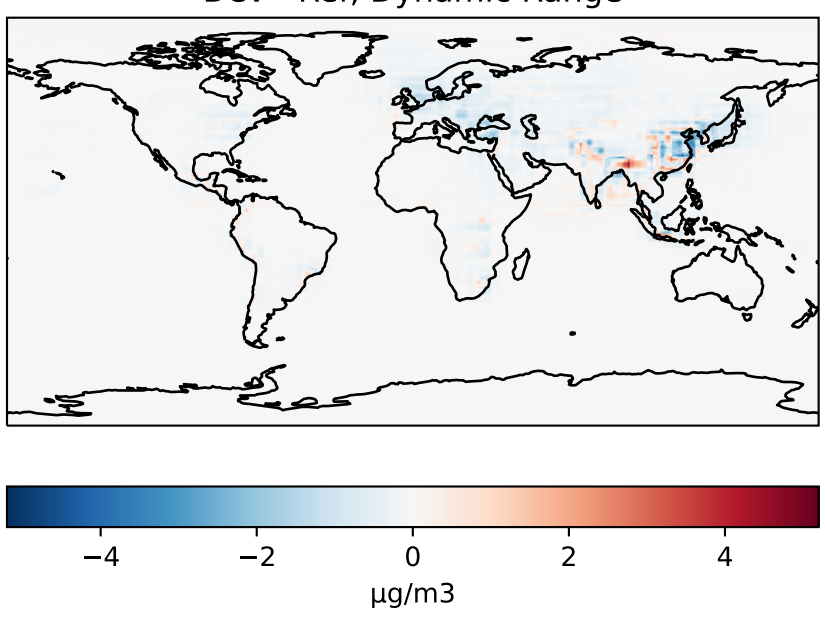
GCC_13.2.0 (Ref)
4.0x5.0



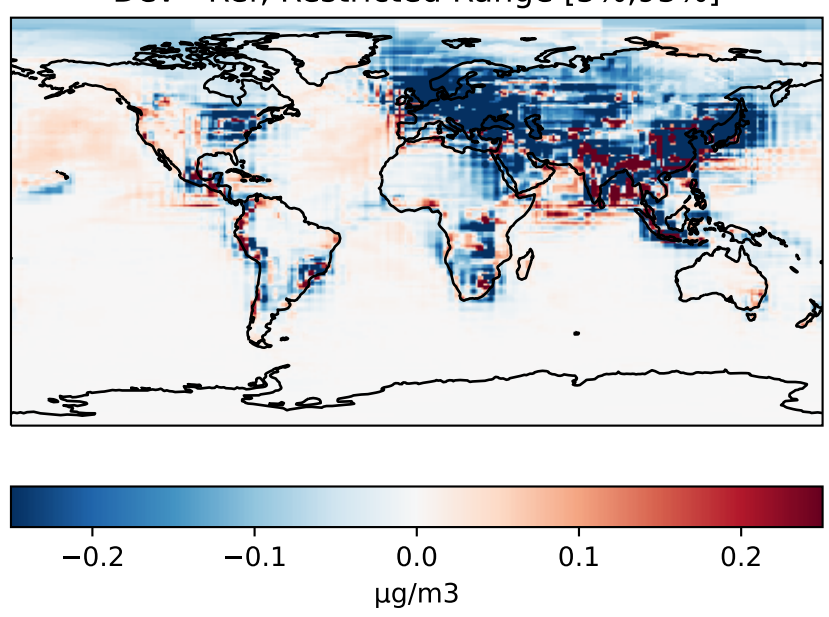

GCHP_13.2.0 (Dev)
c48



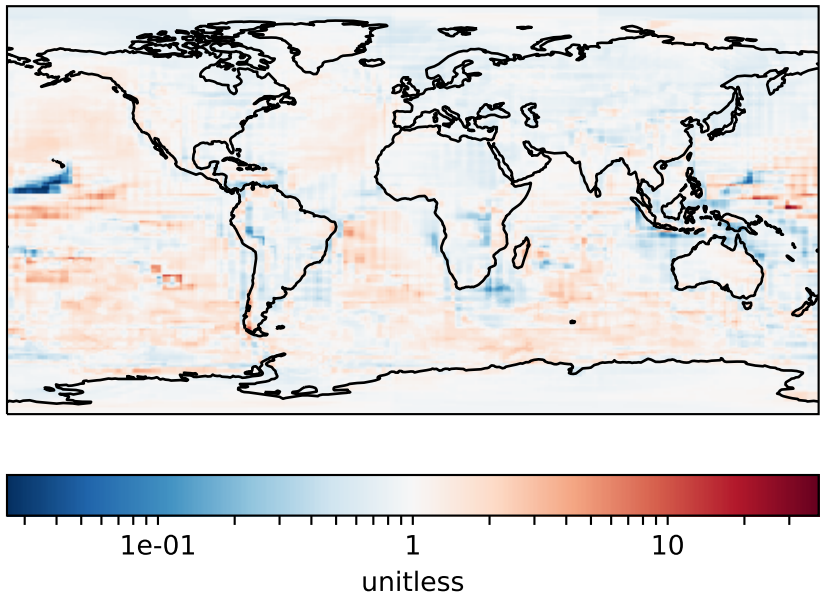

Difference (1x1.25)
Dev - Ref, Dynamic Range



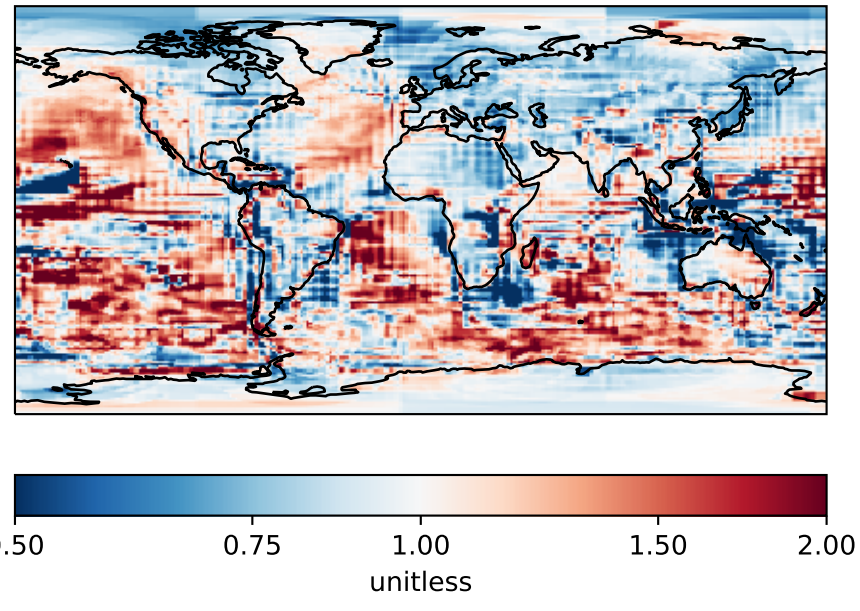

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

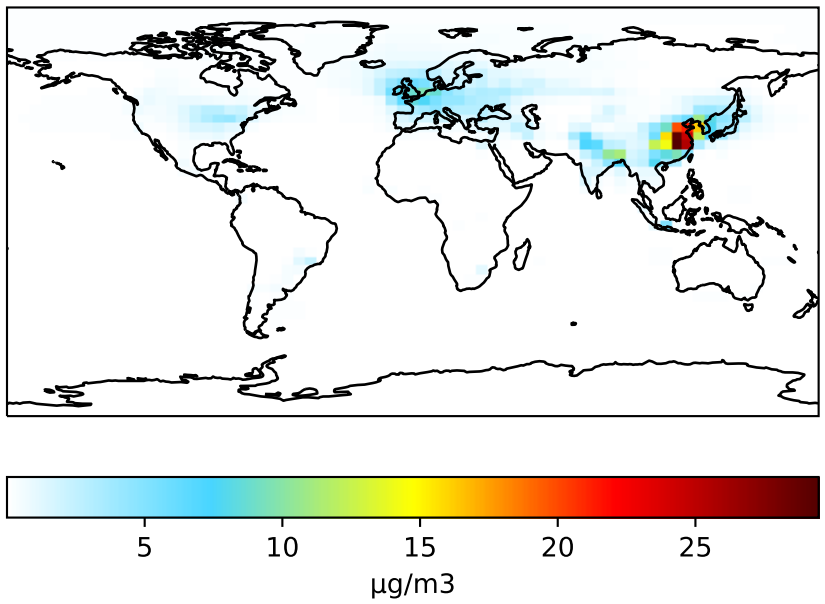



Ratio (1x1.25)
Dev/Ref, Fixed Range

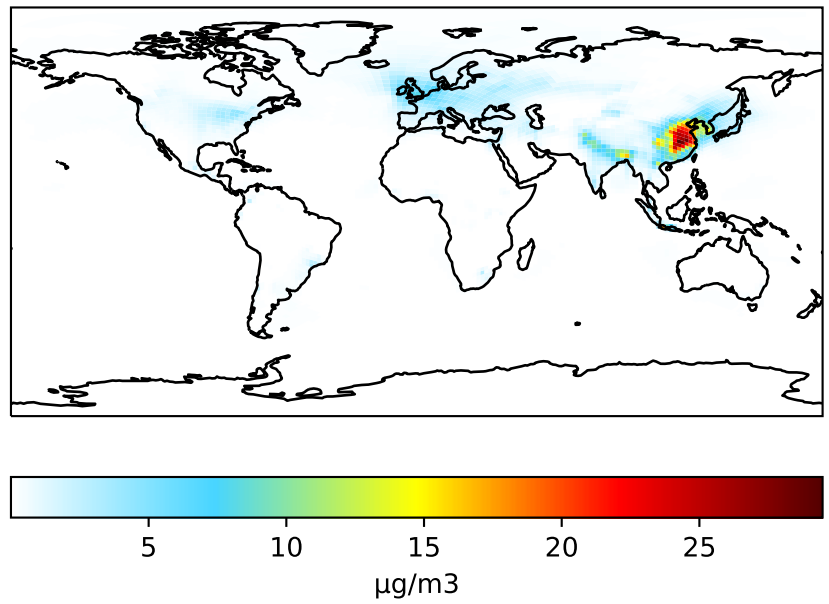


# SpeciesConc_NIT (Apr2019)

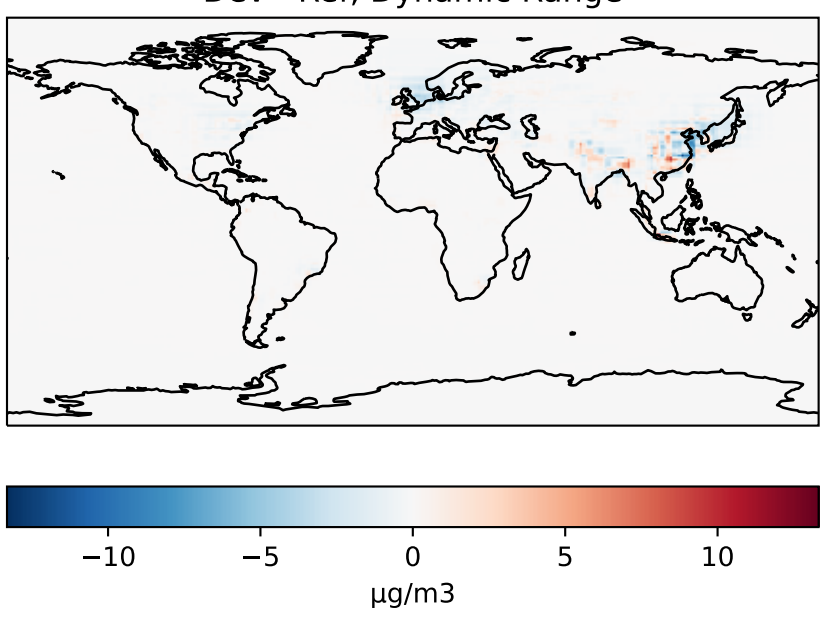
GCC_13.2.0 (Ref)
4.0x5.0



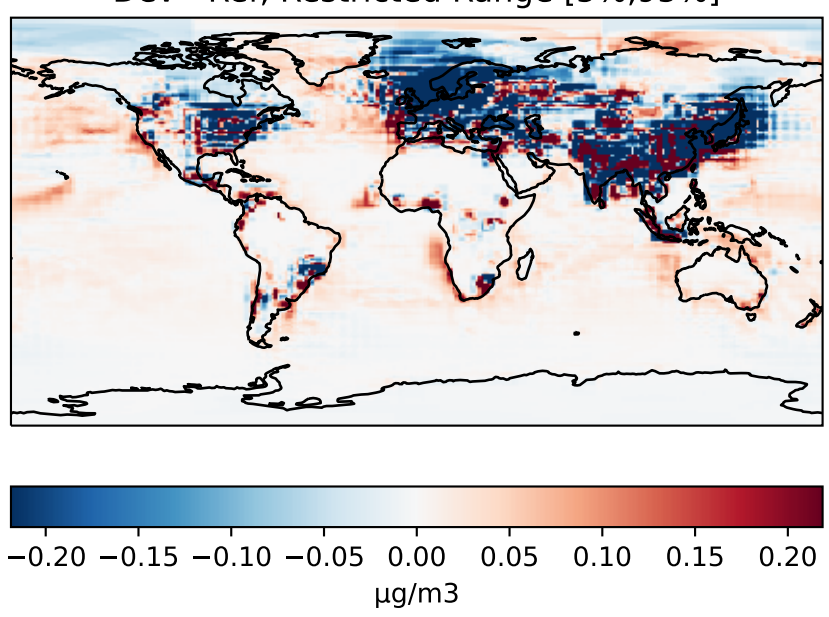

GCHP_13.2.0 (Dev)
c48



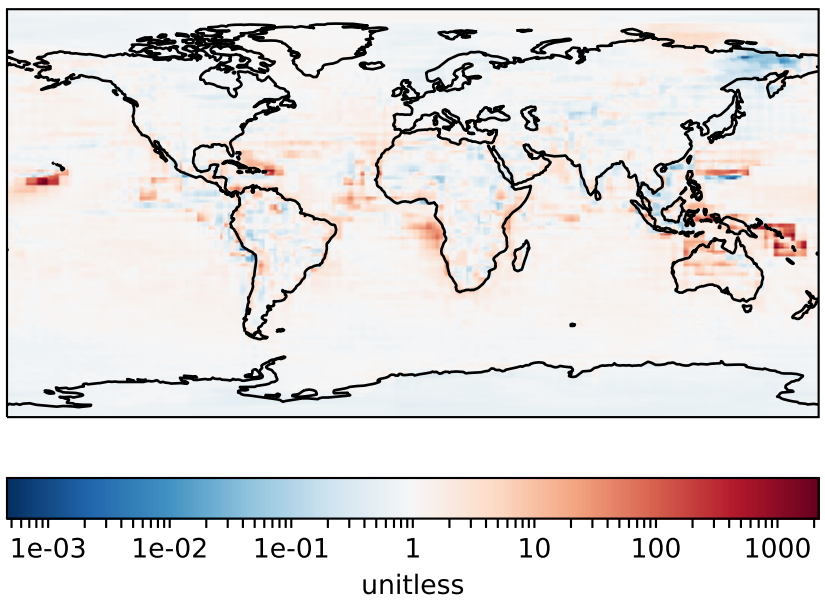

Difference (1x1.25)
Dev - Ref, Dynamic Range



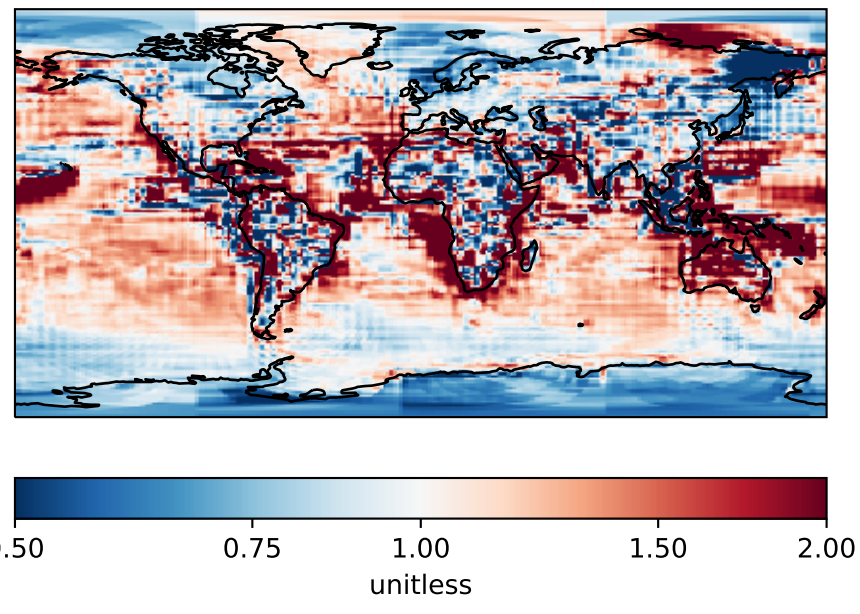

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

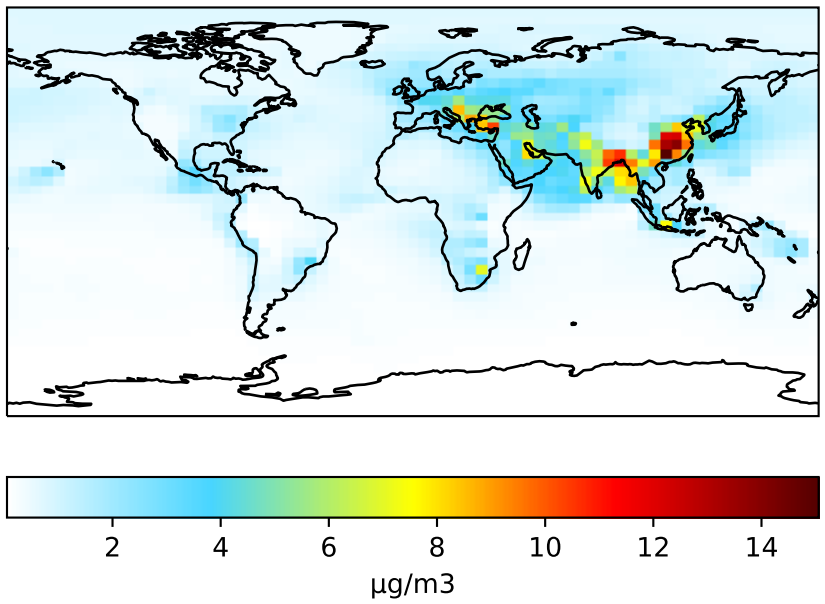



Ratio (1x1.25)
Dev/Ref, Fixed Range

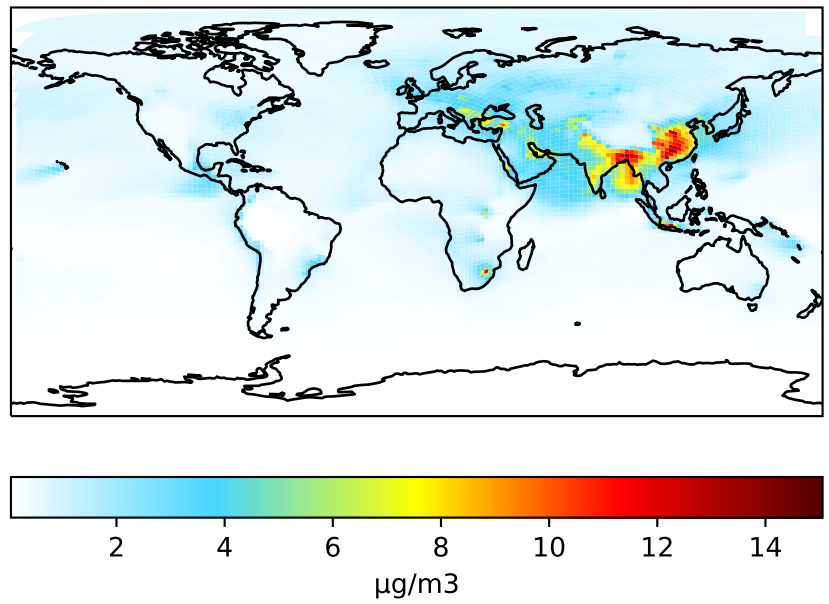


# SpeciesConc_SO4 (Apr2019)

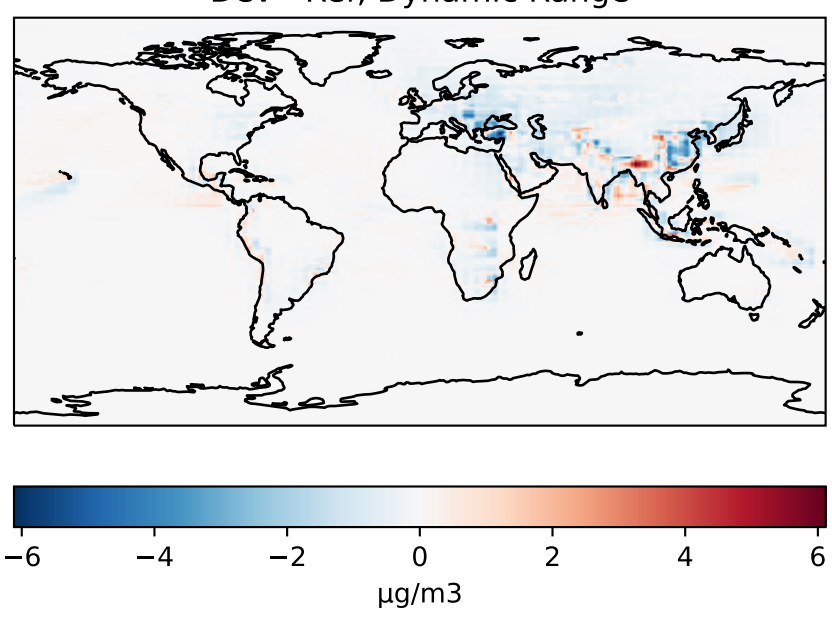
GCC_13.2.0 (Ref)
4.0x5.0



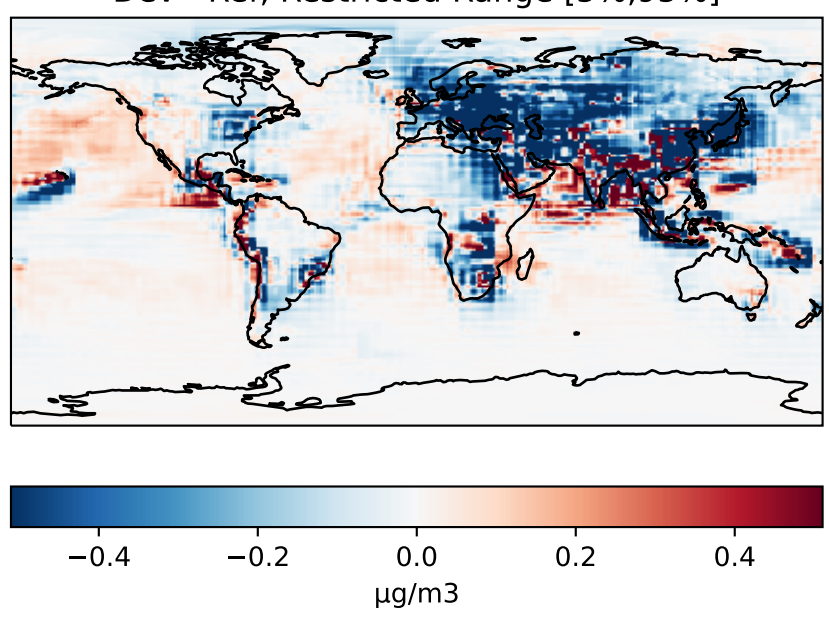

GCHP_13.2.0 (Dev)
c48



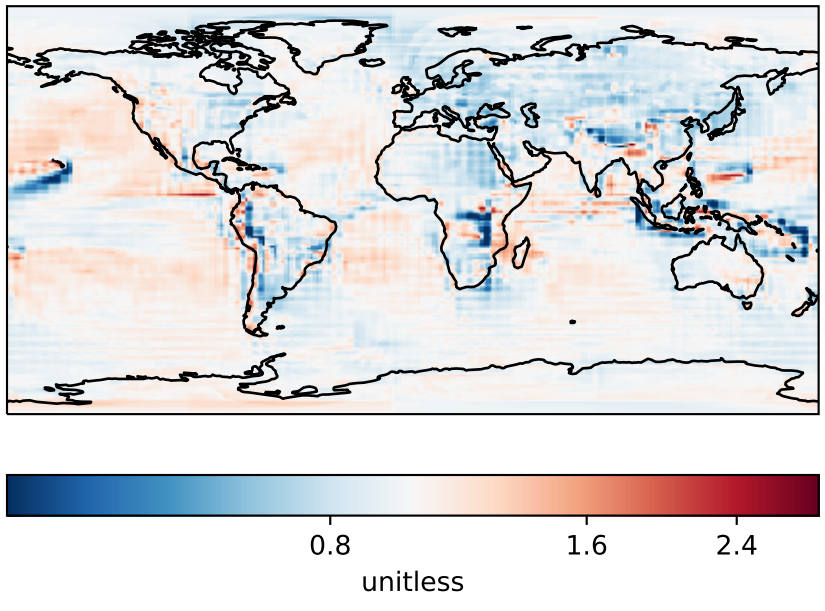

Difference (1x1.25)
Dev - Ref, Dynamic Range



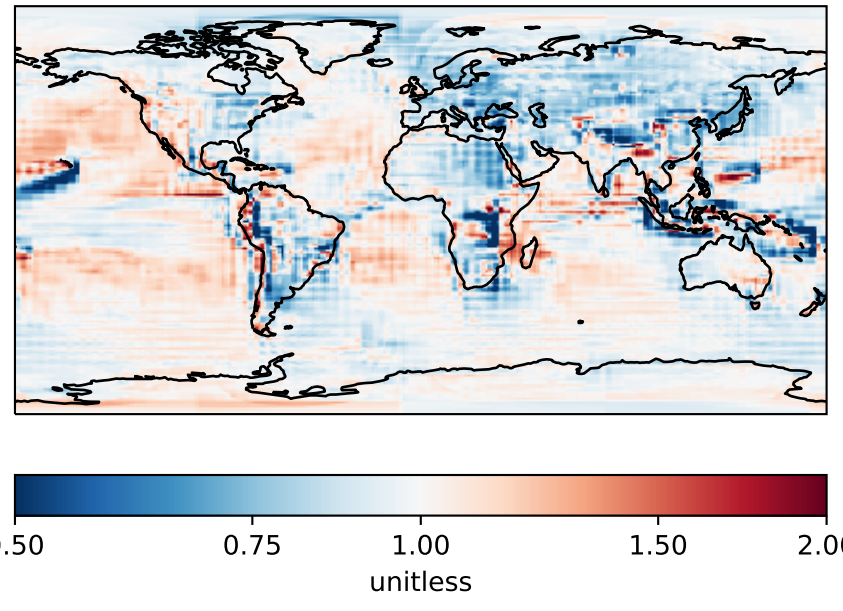

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

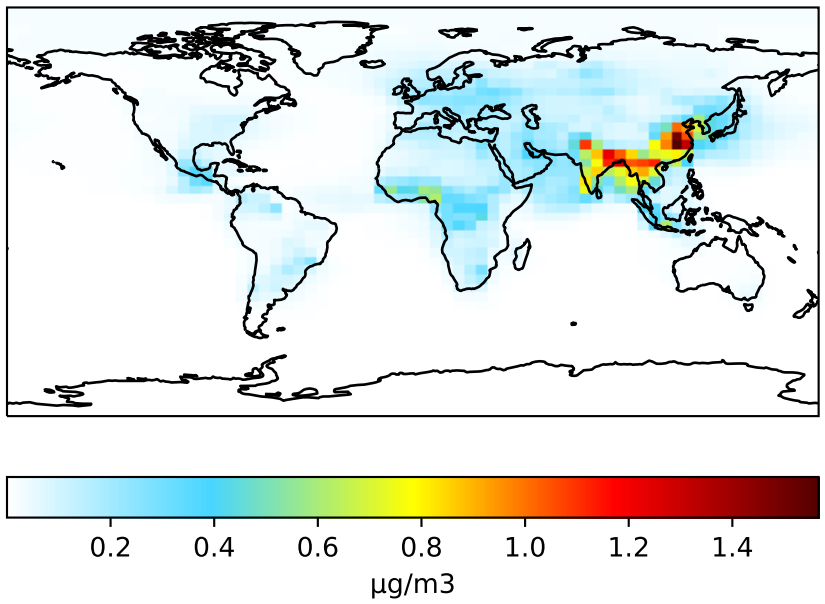



Ratio (1x1.25)
Dev/Ref, Fixed Range

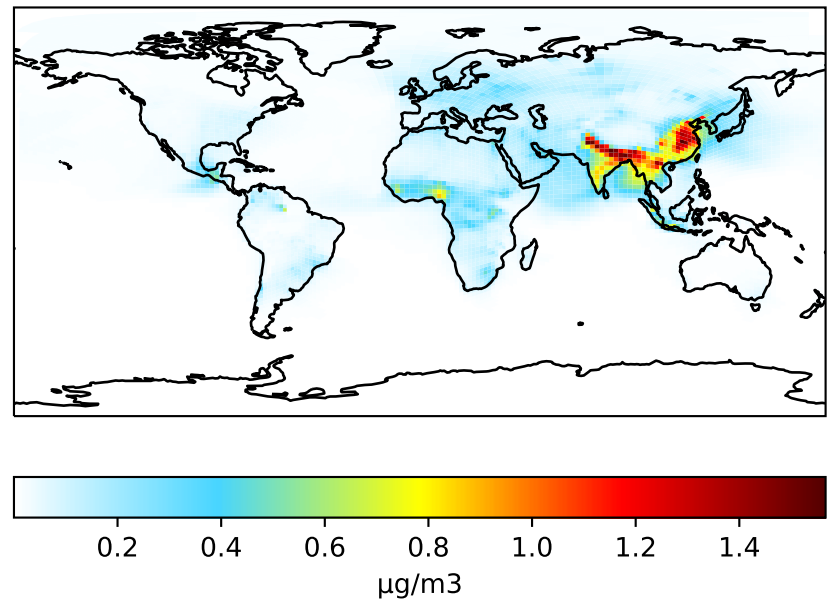


# SpeciesConc_BCPI (Apr2019)

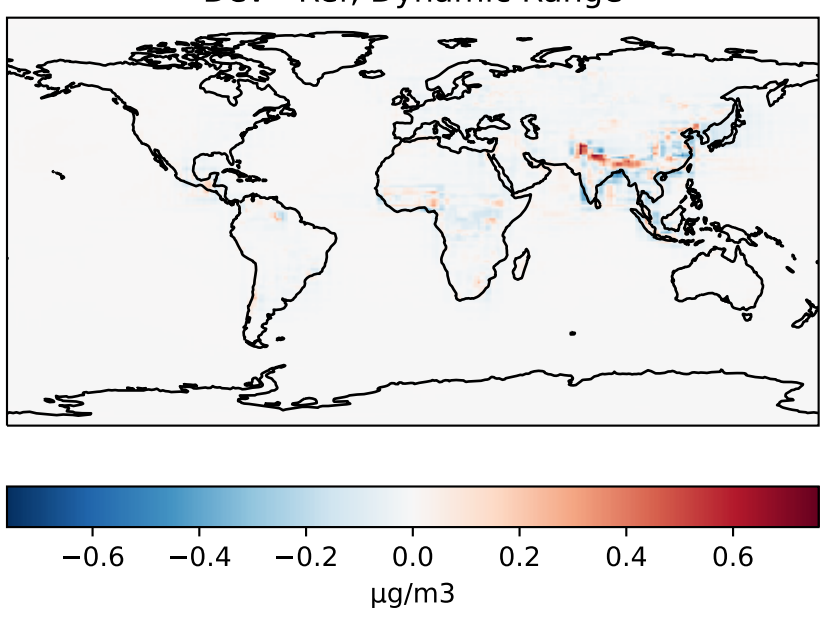
GCC_13.2.0 (Ref)
4.0x5.0



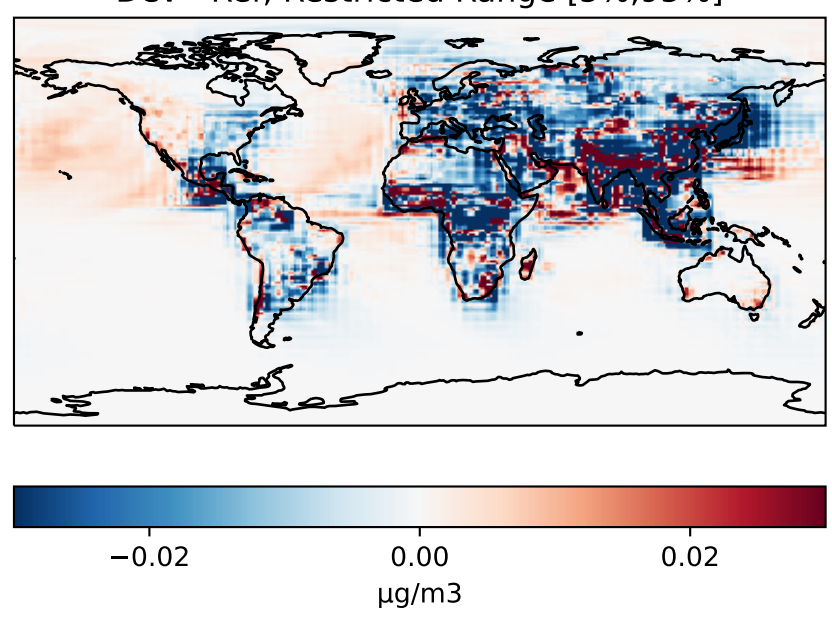

GCHP_13.2.0 (Dev)
c48



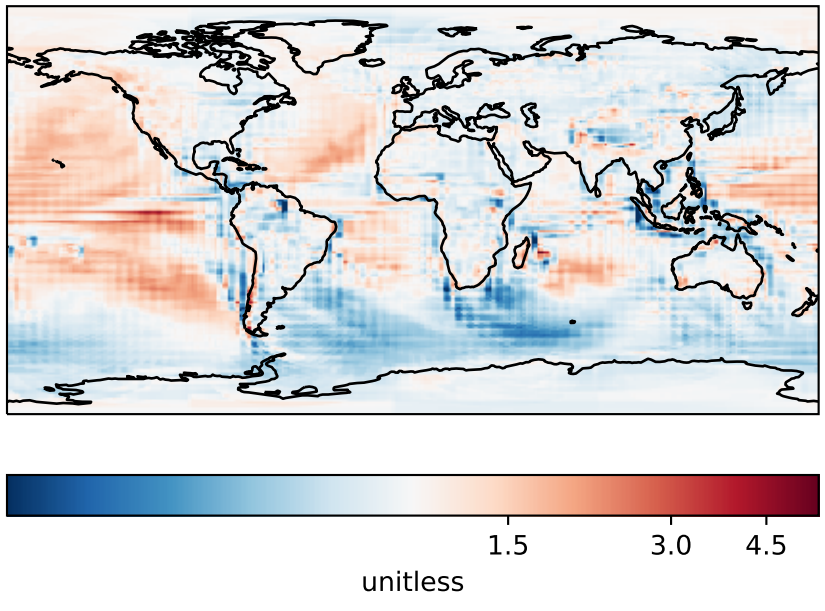

Difference (1x1.25)
Dev - Ref, Dynamic Range



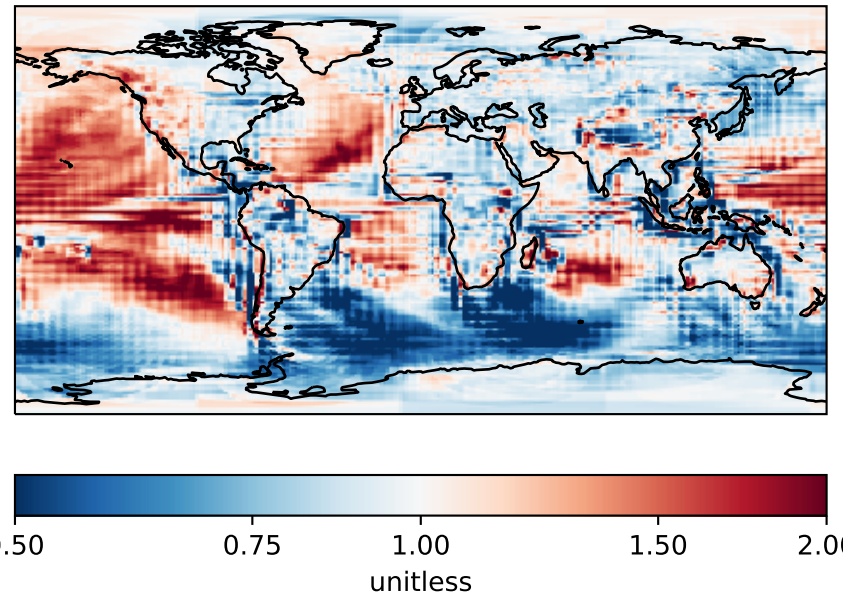

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

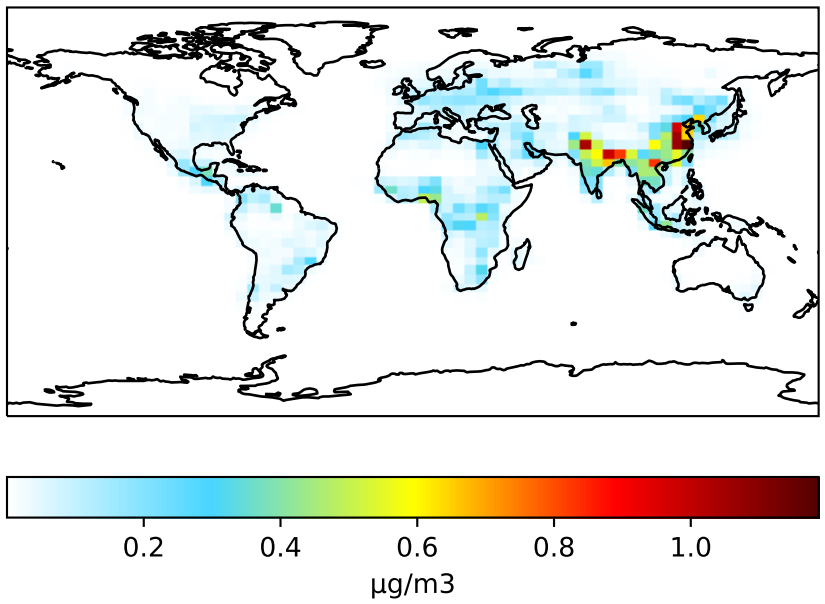



Ratio (1x1.25)
Dev/Ref, Fixed Range

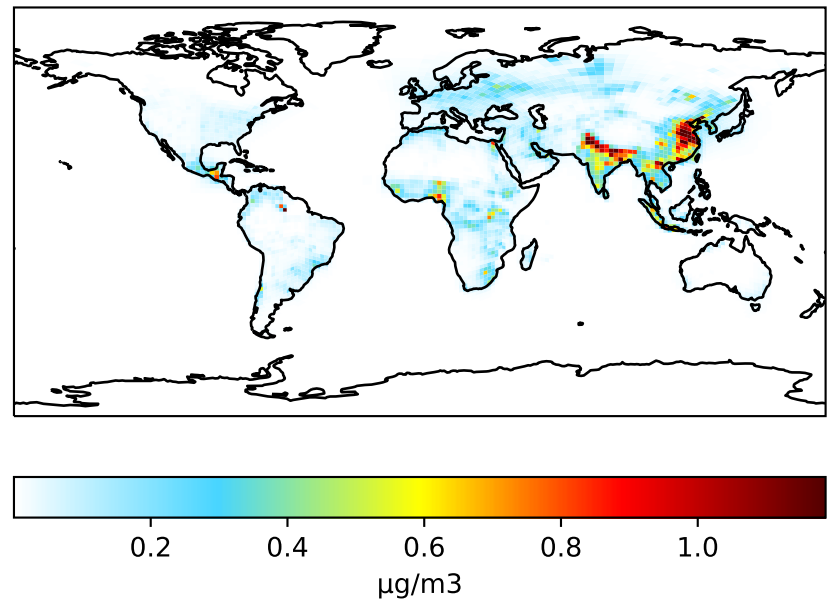


# SpeciesConc_BCPO (Apr2019)

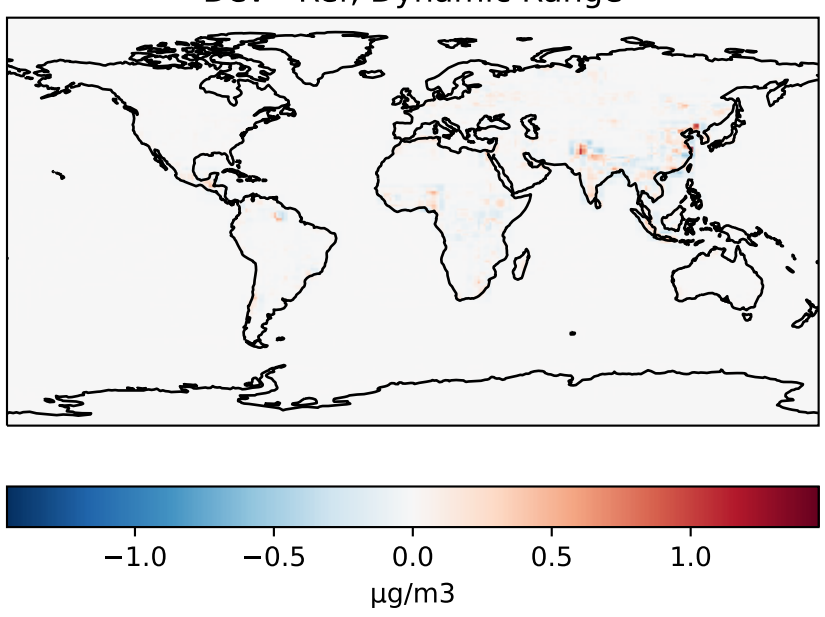
GCC_13.2.0 (Ref)
4.0x5.0



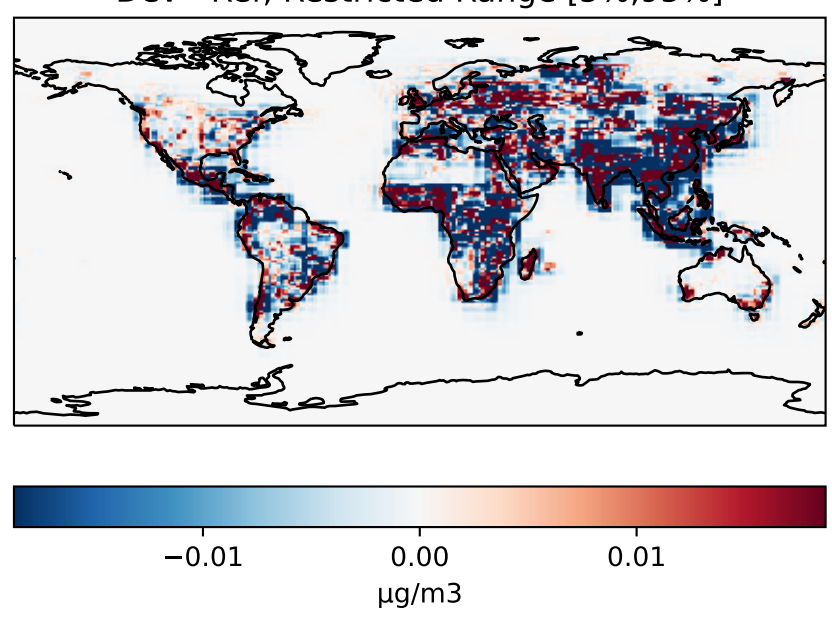

GCHP_13.2.0 (Dev)
c48



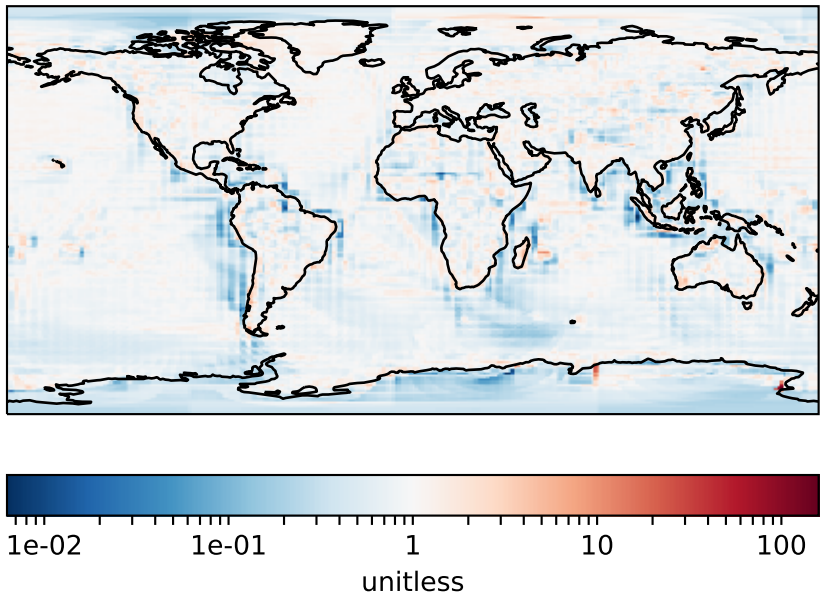

Difference (1x1.25)
Dev - Ref, Dynamic Range



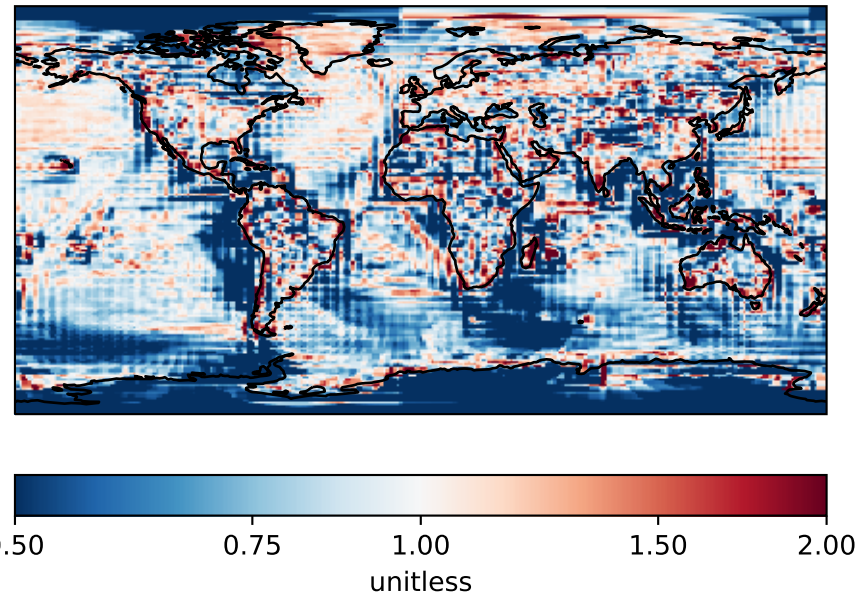

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

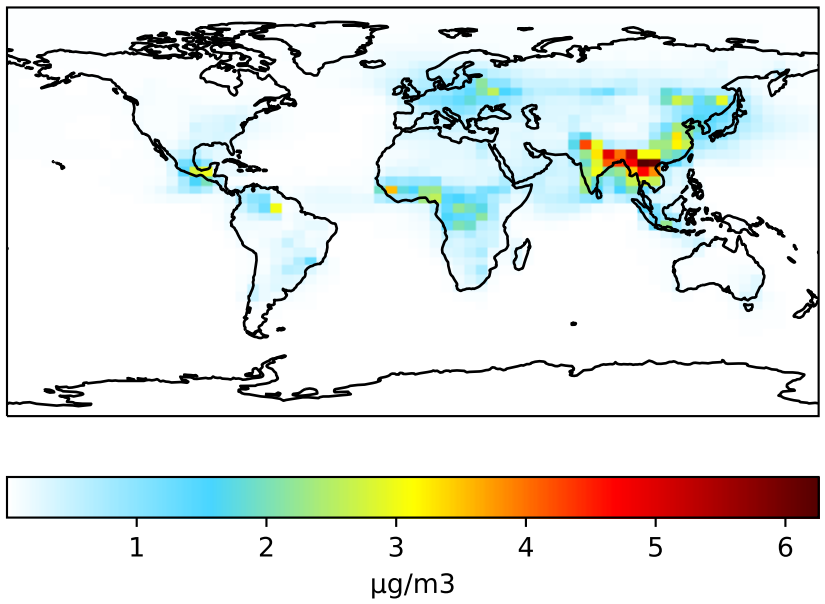



Ratio (1x1.25)
Dev/Ref, Fixed Range

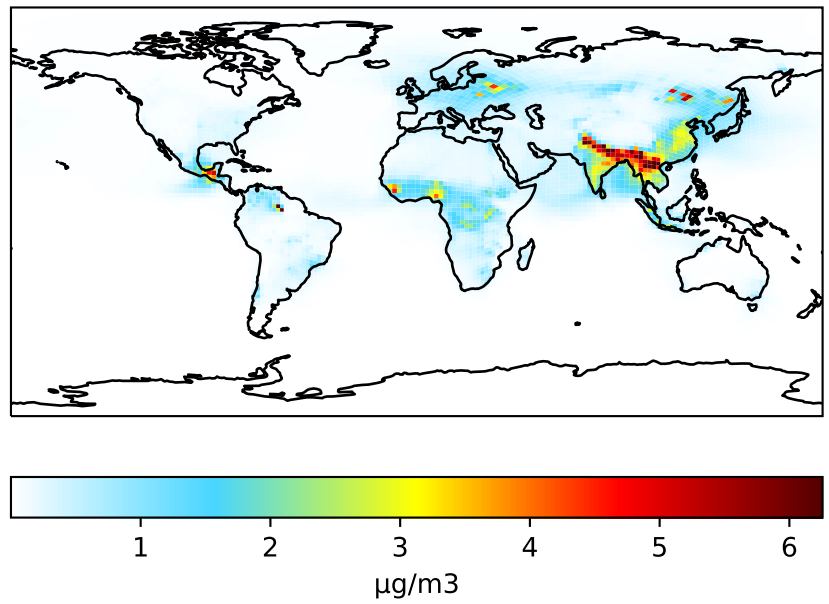


# SpeciesConc_OCPI (Apr2019)

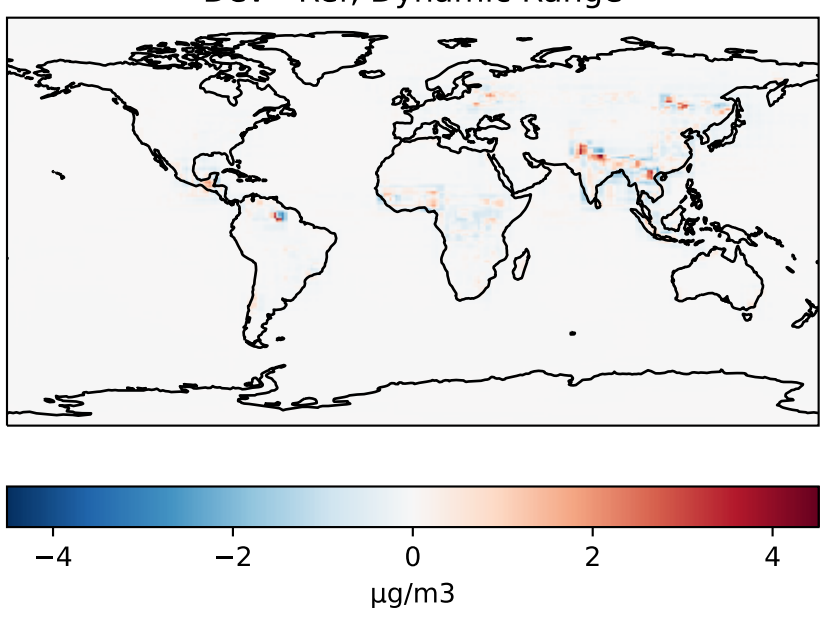
GCC_13.2.0 (Ref)
4.0x5.0



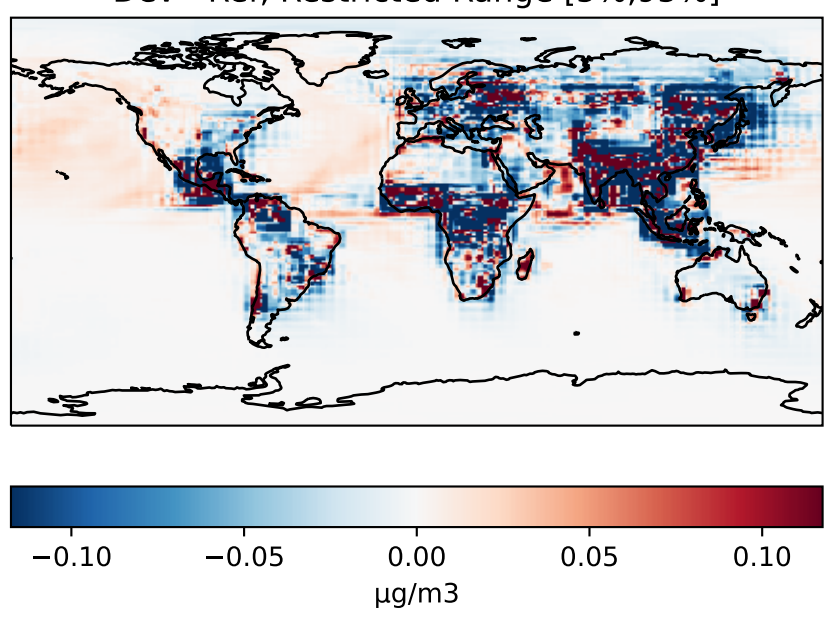

GCHP_13.2.0 (Dev)
c48



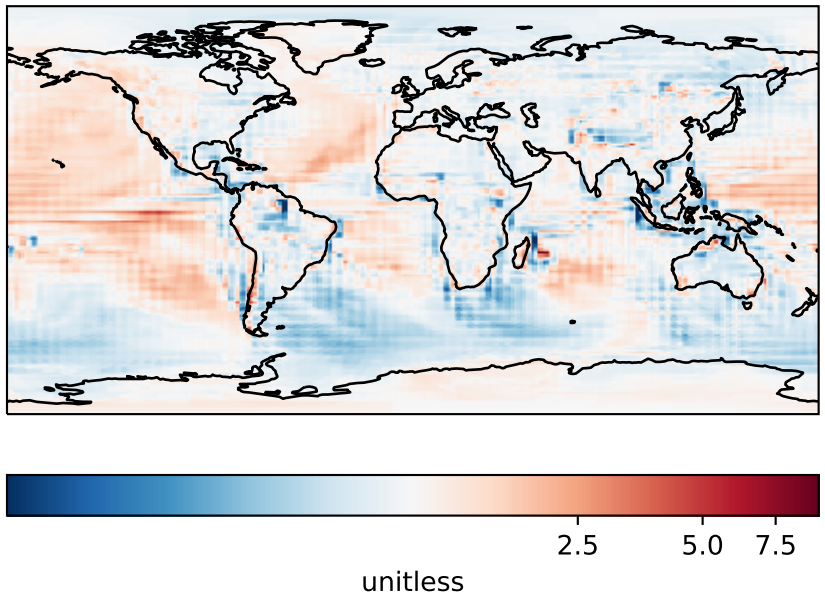

Difference (1x1.25)
Dev - Ref, Dynamic Range



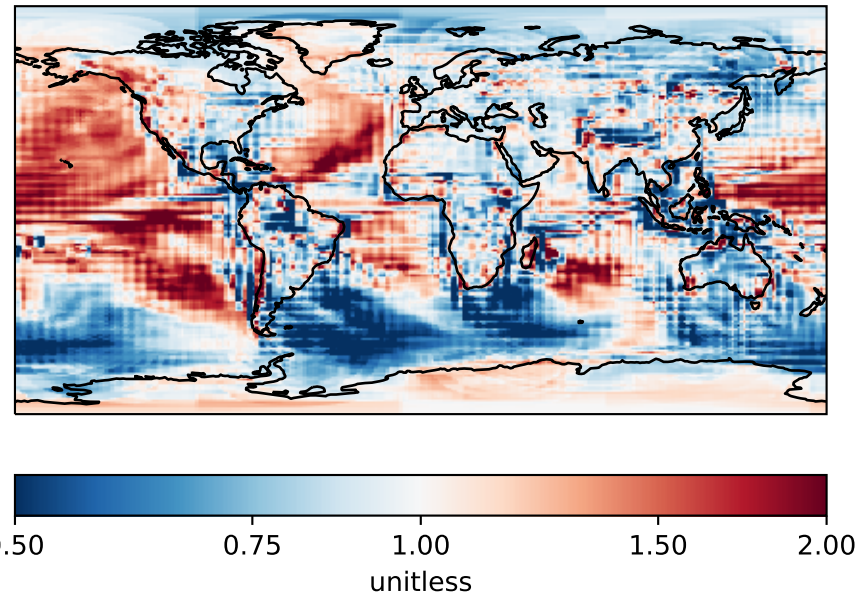

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

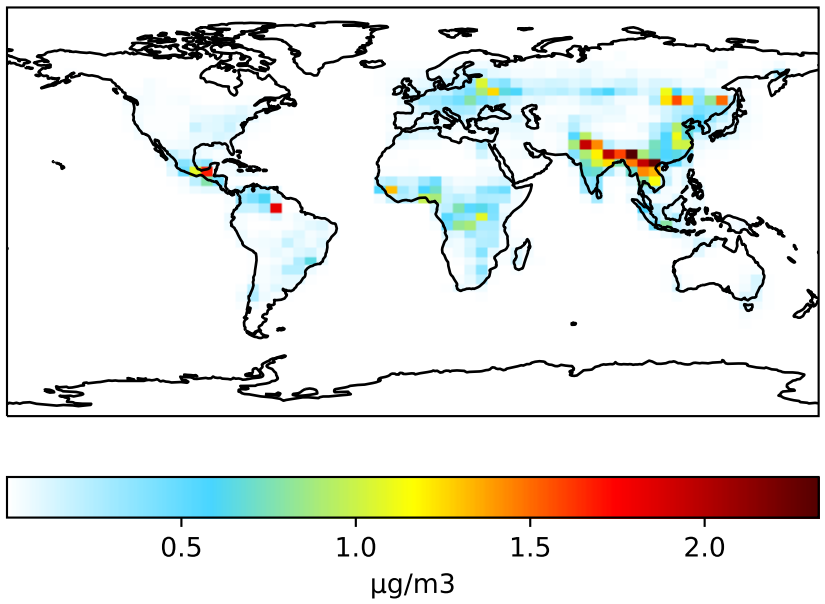



Ratio (1x1.25)
Dev/Ref, Fixed Range

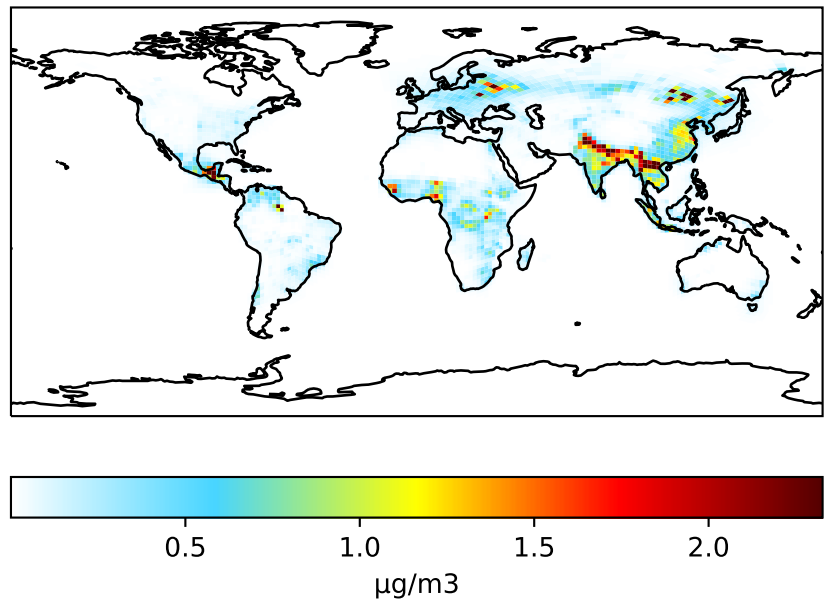


# SpeciesConc_OCPO (Apr2019)

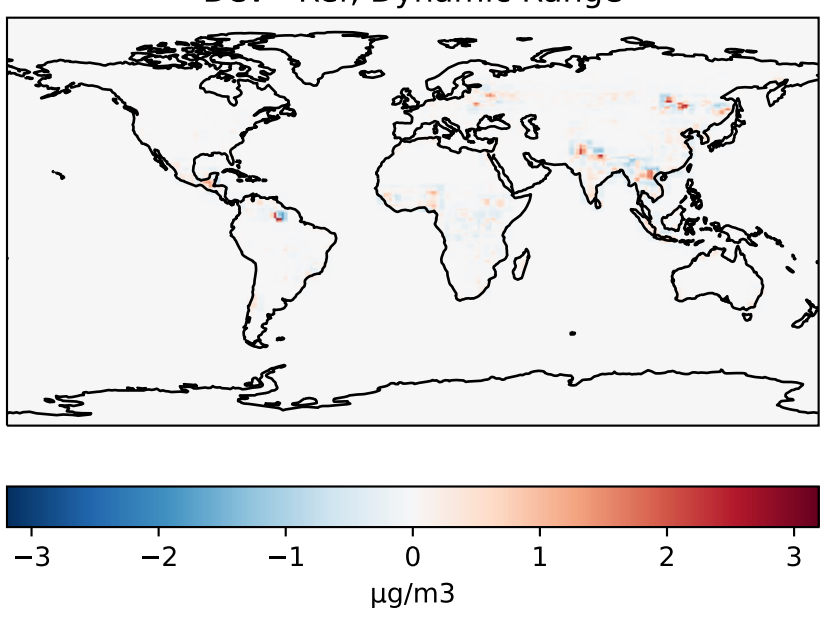
GCC_13.2.0 (Ref)
4.0x5.0



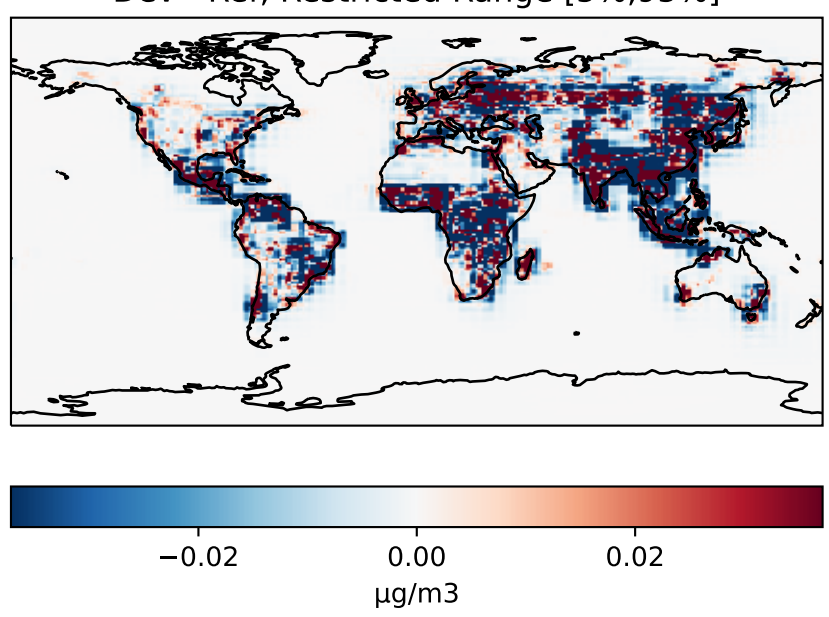

GCHP_13.2.0 (Dev)
c48



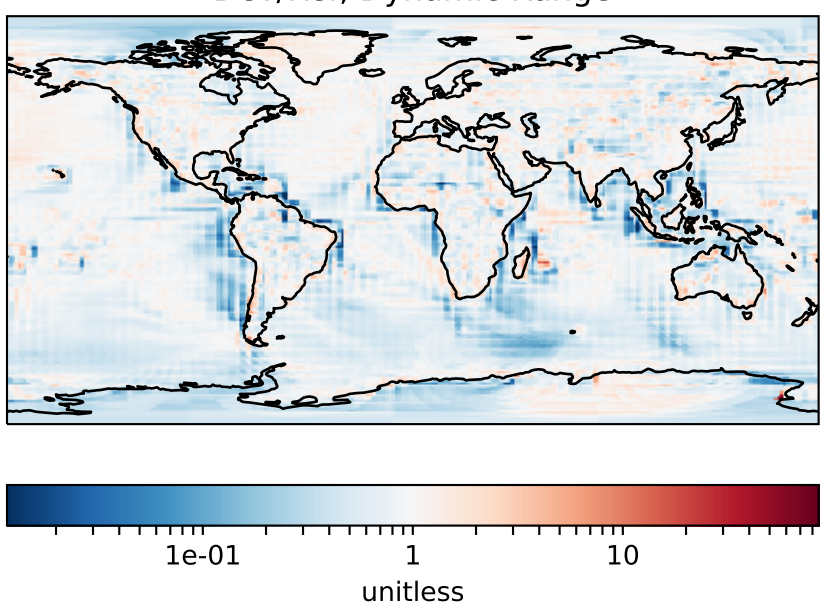

Difference (1x1.25)
Dev - Ref, Dynamic Range



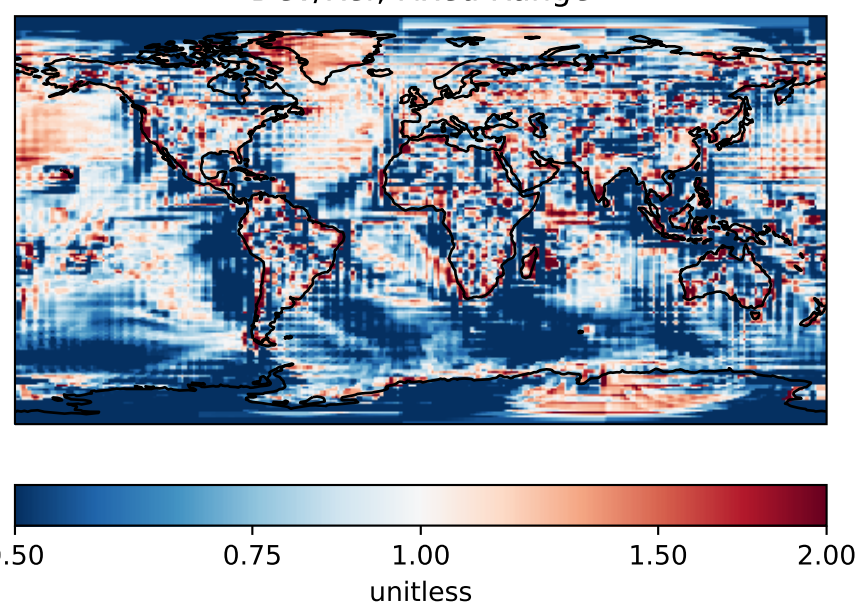

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

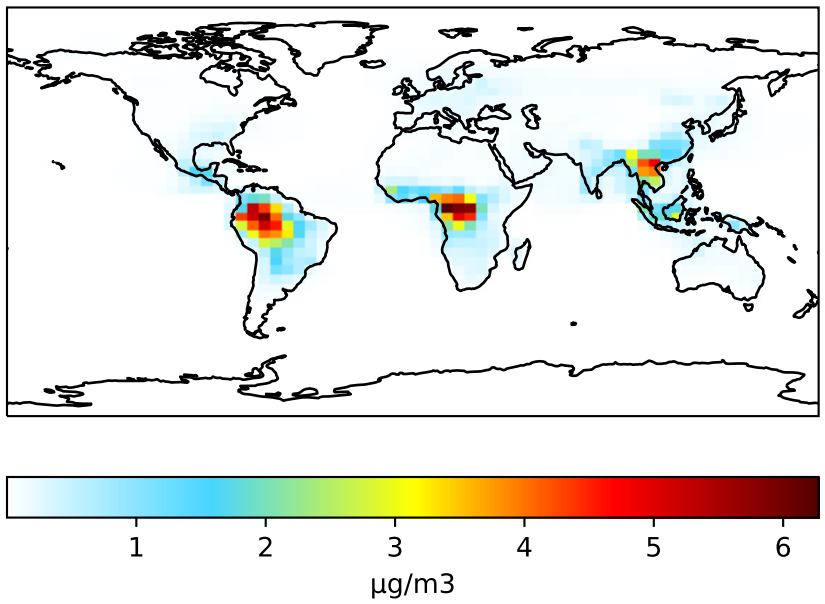



Ratio (1x1.25)
Dev/Ref, Fixed Range

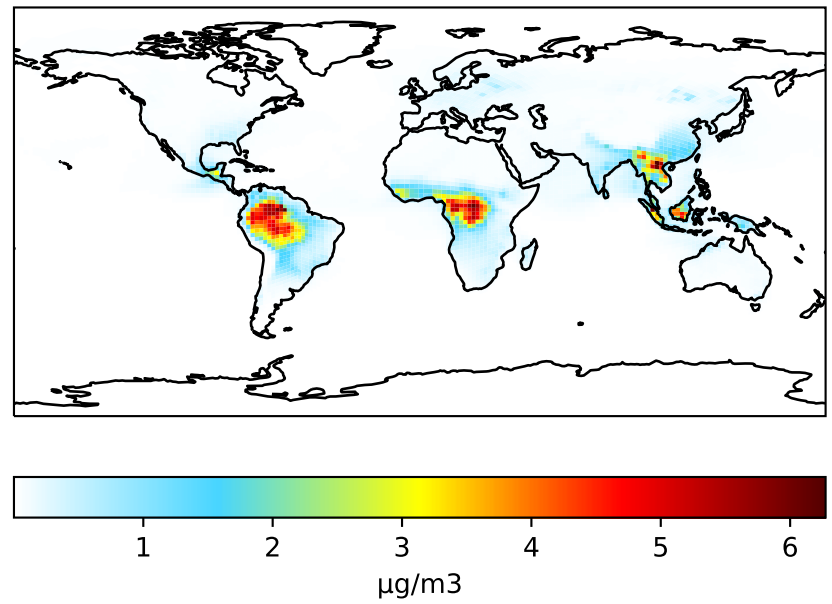


# SpeciesConc_Complex_SOA (Apr2019)

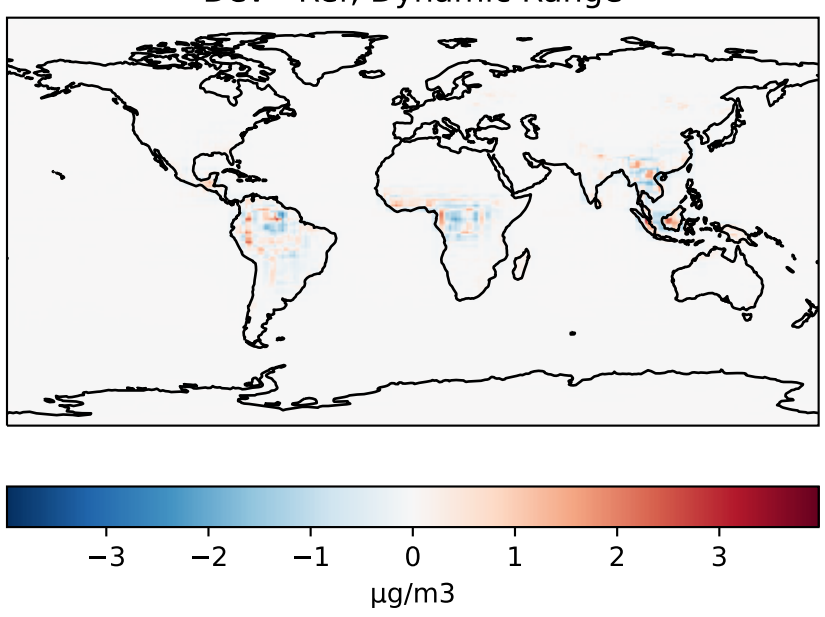
GCC_13.2.0 (Ref)
4.0x5.0



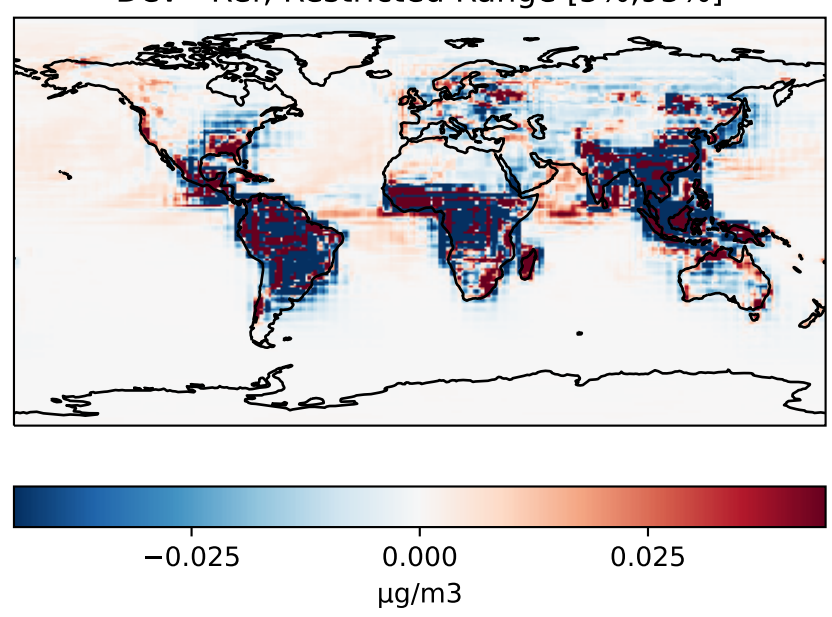

GCHP_13.2.0 (Dev)
c48



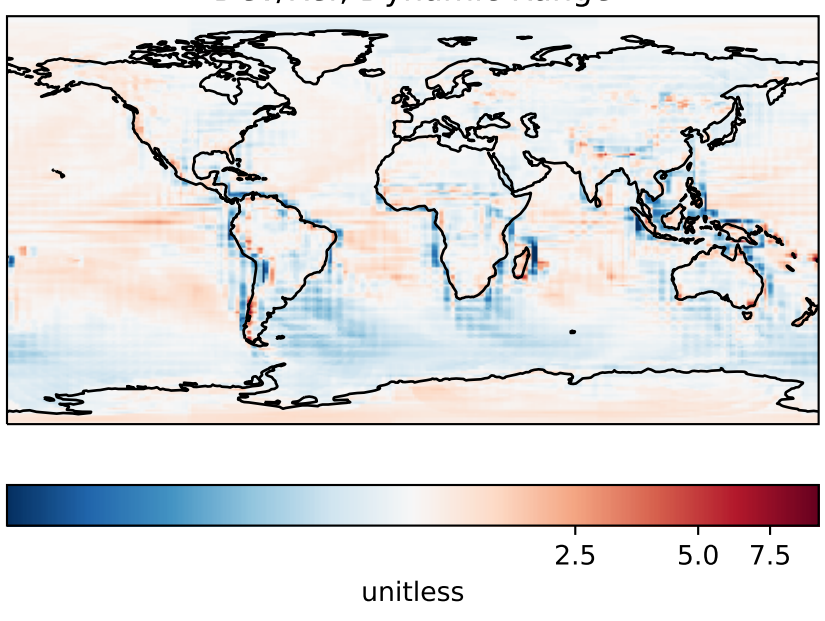

Difference (1x1.25)
Dev - Ref, Dynamic Range



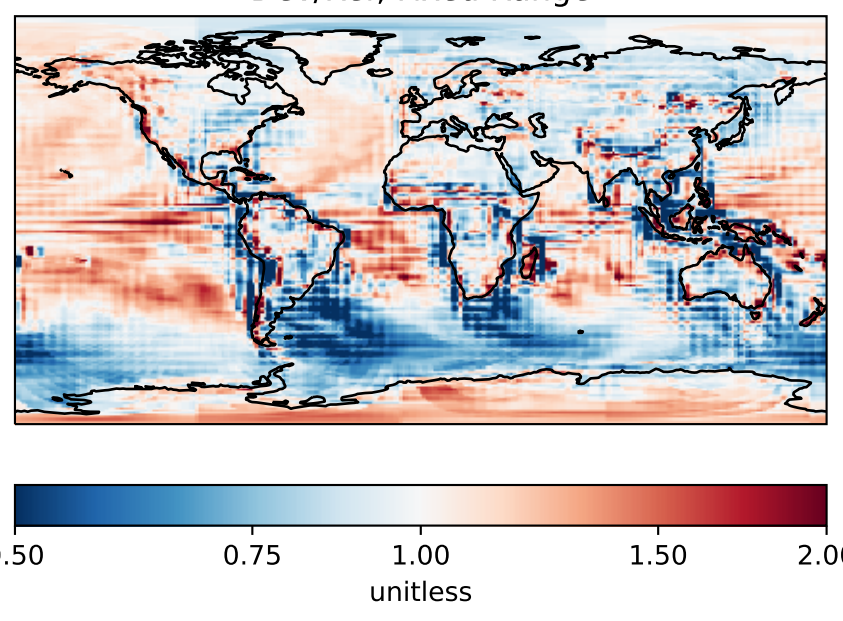

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

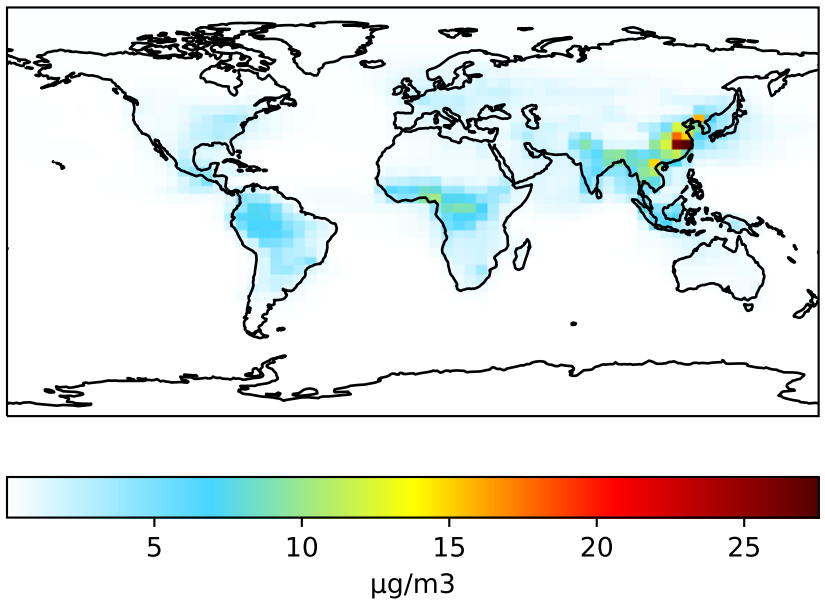



Ratio (1x1.25)
Dev/Ref, Fixed Range

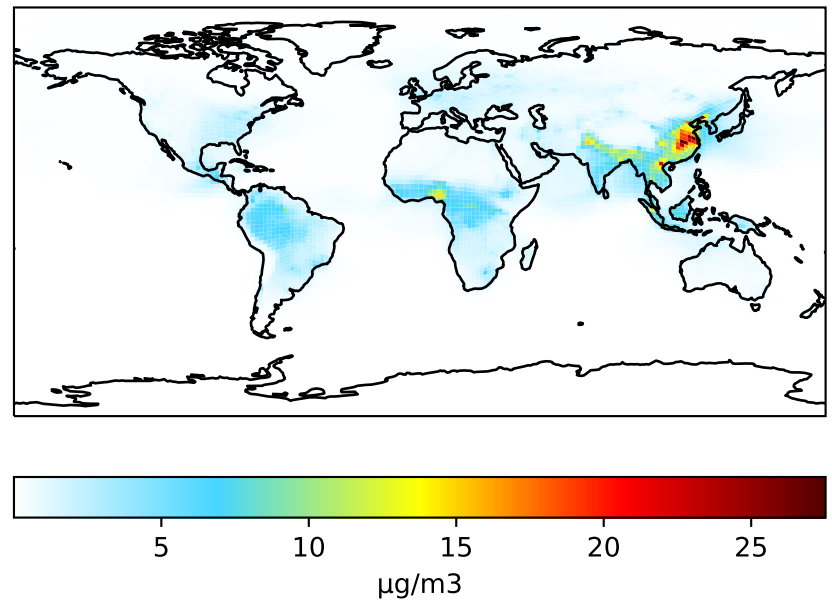


# SpeciesConc_Simple_SOA (Apr2019)

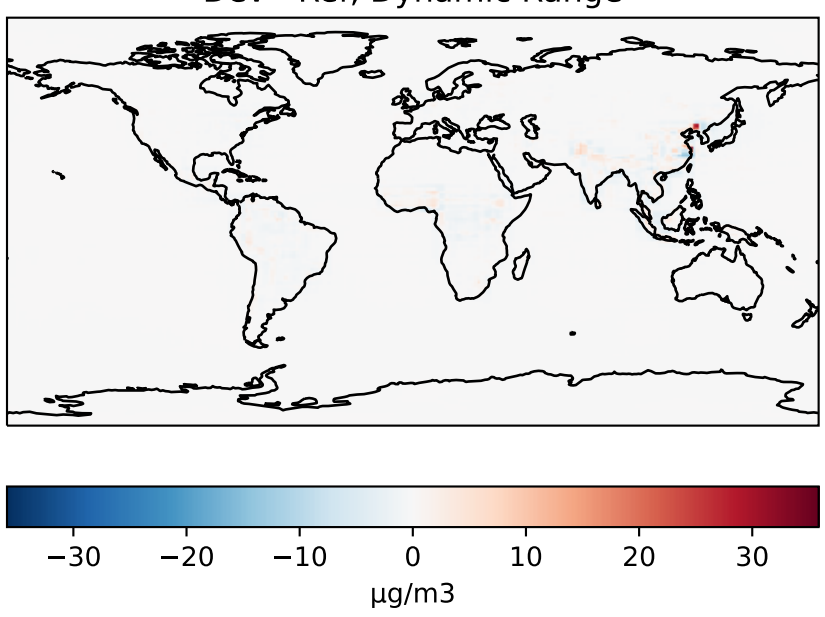
GCC_13.2.0 (Ref)
4.0x5.0



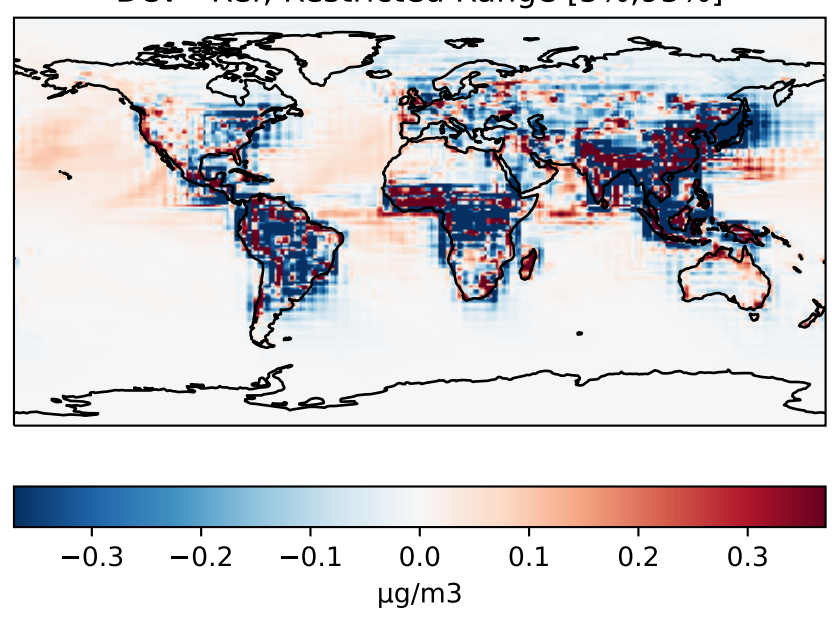

GCHP_13.2.0 (Dev)
c48



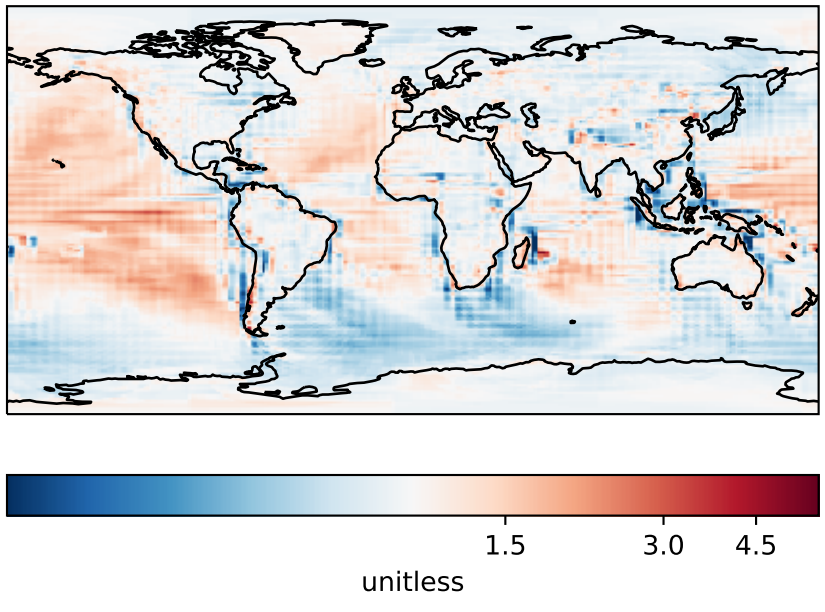

Difference (1x1.25)
Dev - Ref, Dynamic Range



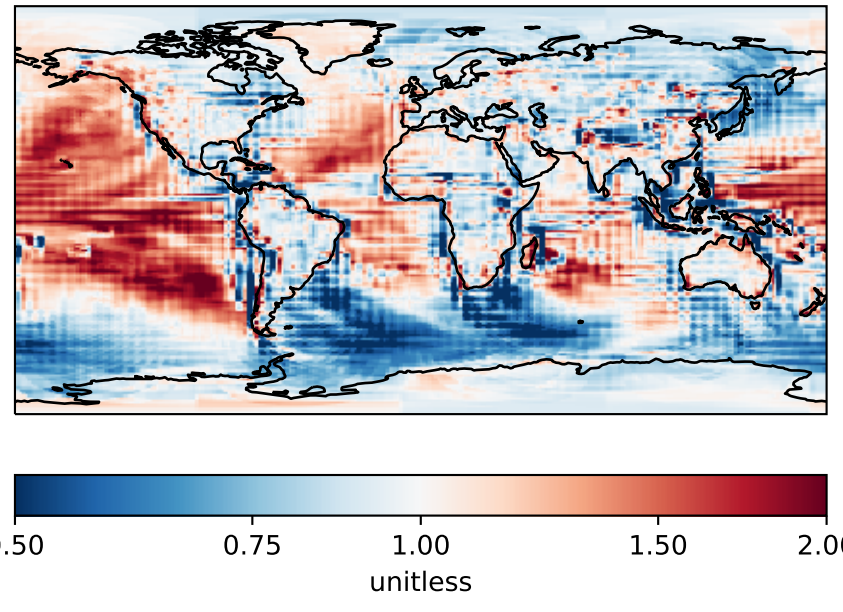

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

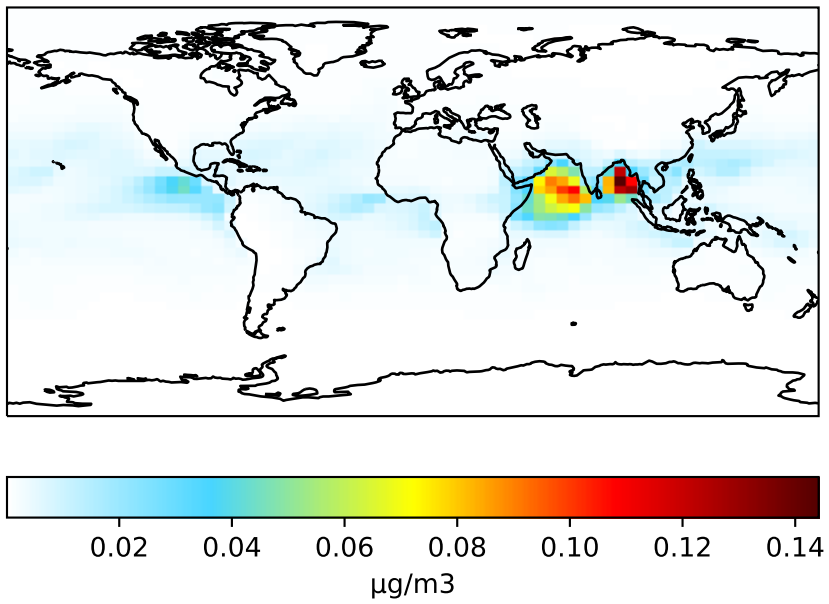



Ratio (1x1.25)
Dev/Ref, Fixed Range

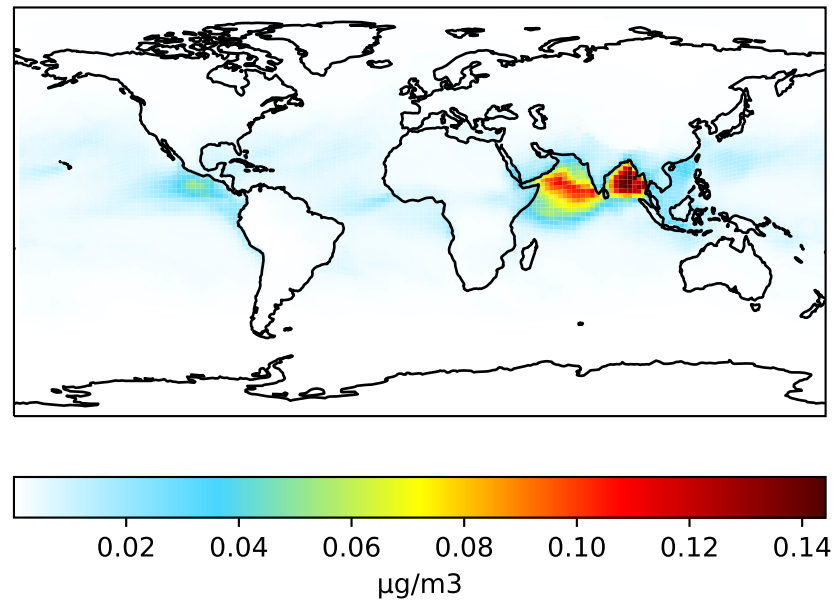


# SpeciesConc_AERI (Apr2019)

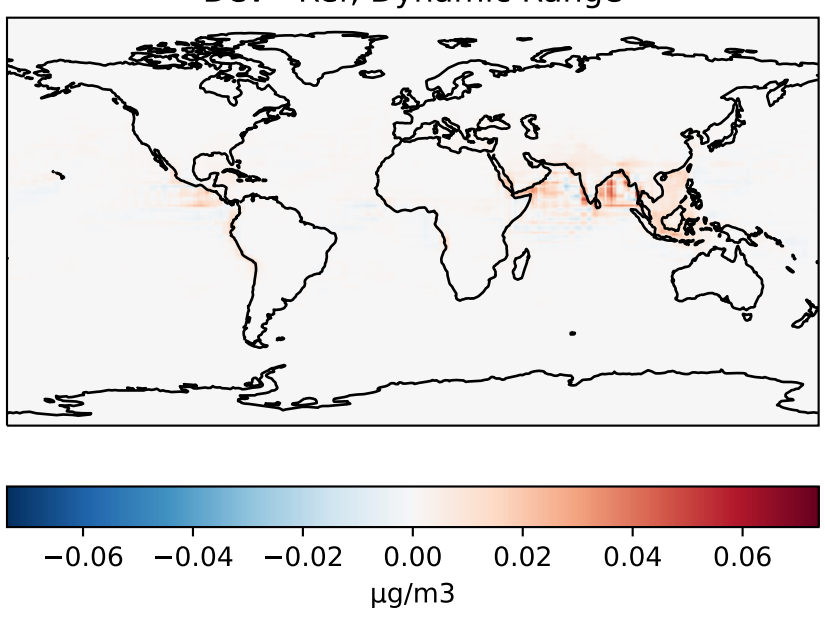
GCC_13.2.0 (Ref)
4.0x5.0



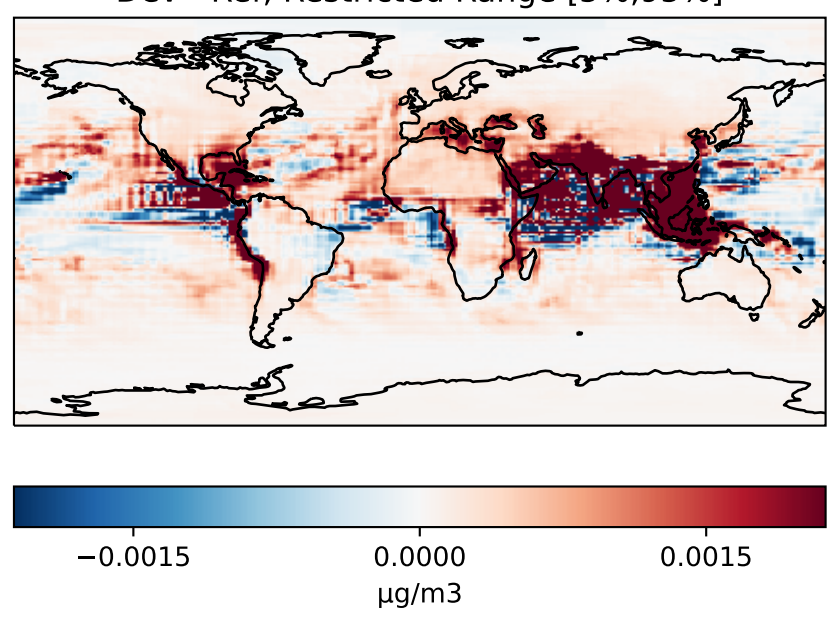

GCHP_13.2.0 (Dev)
c48



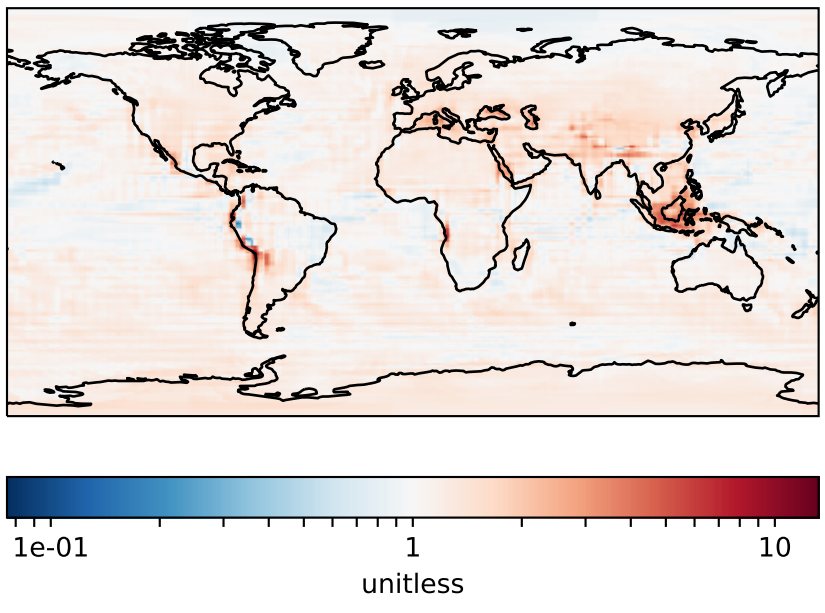

Difference (1x1.25)
Dev - Ref, Dynamic Range



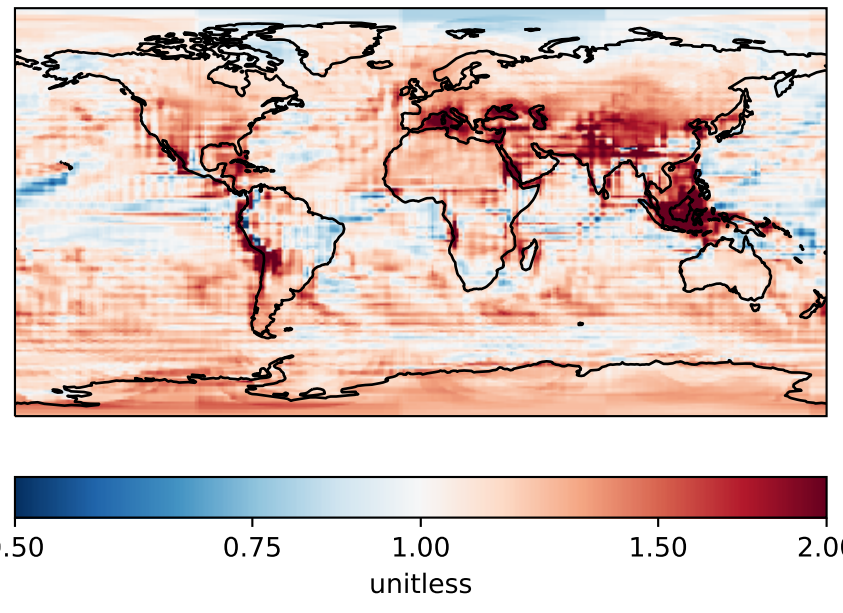

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

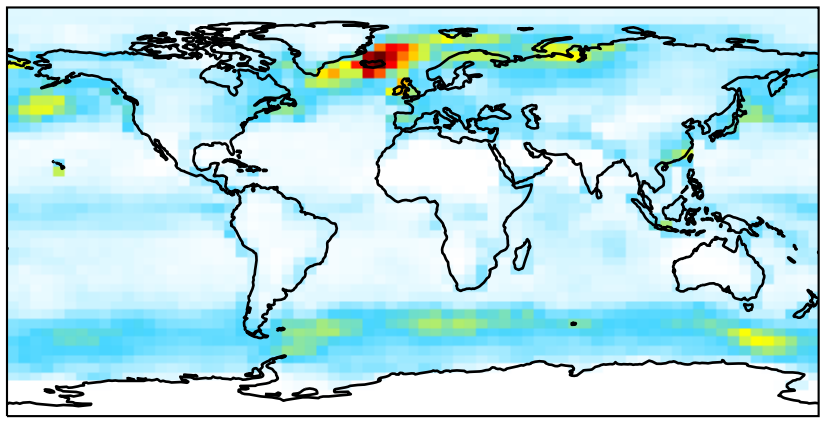


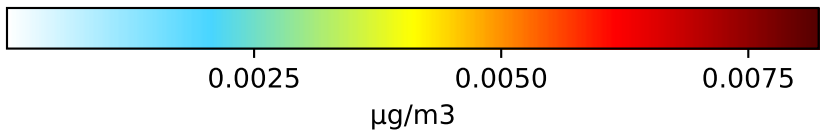

Ratio (1x1.25)
Dev/Ref, Fixed Range



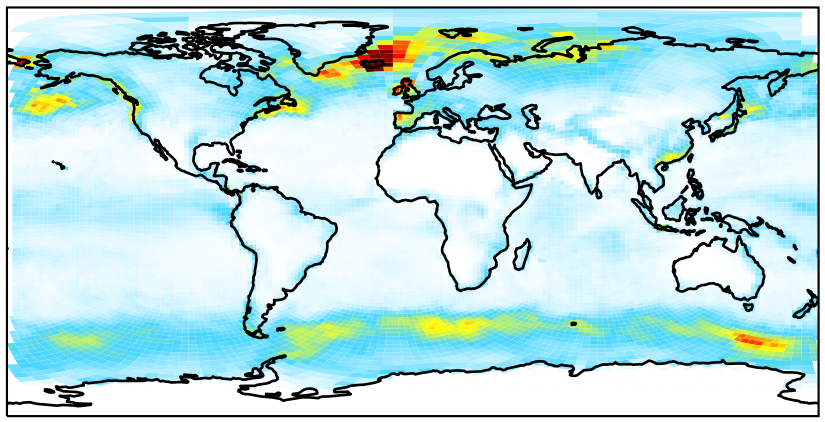
# SpeciesConc_BrSALA (Apr2019)

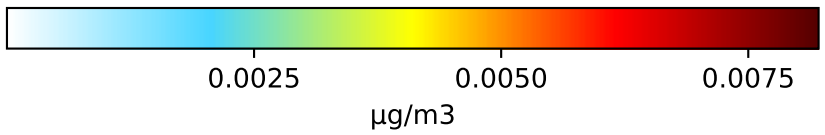
GCC_13.2.0 (Ref)
4.0x5.0



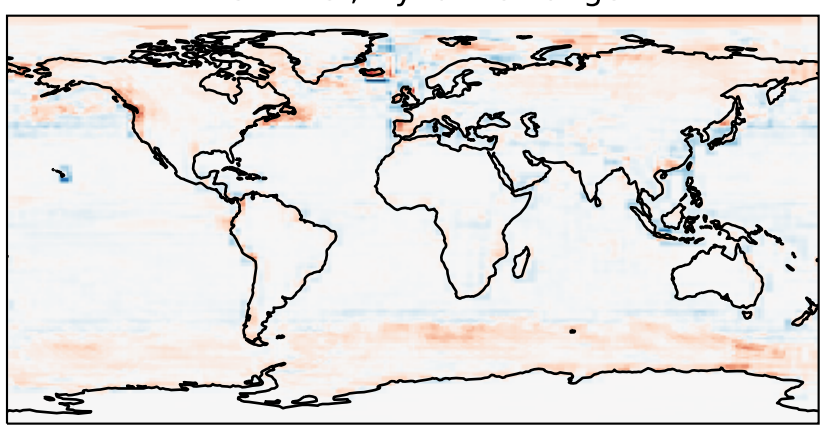


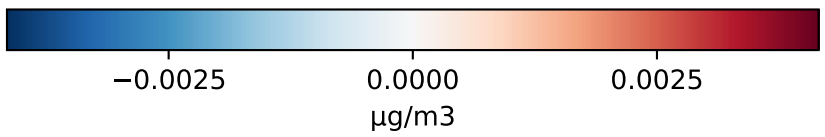

GCHP_13.2.0 (Dev)
c48



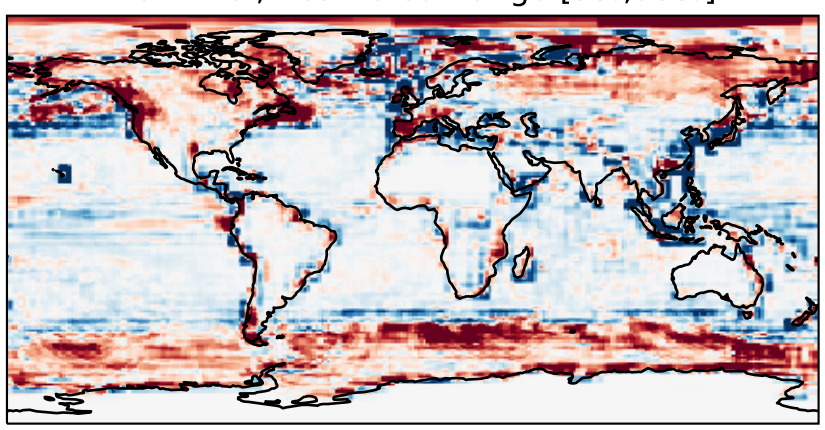


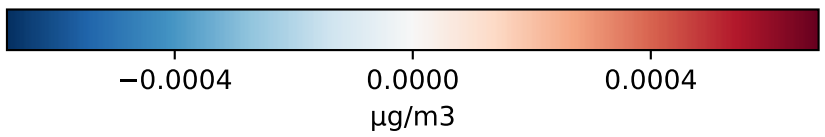

Difference (1x1.25)
Dev - Ref, Dynamic Range



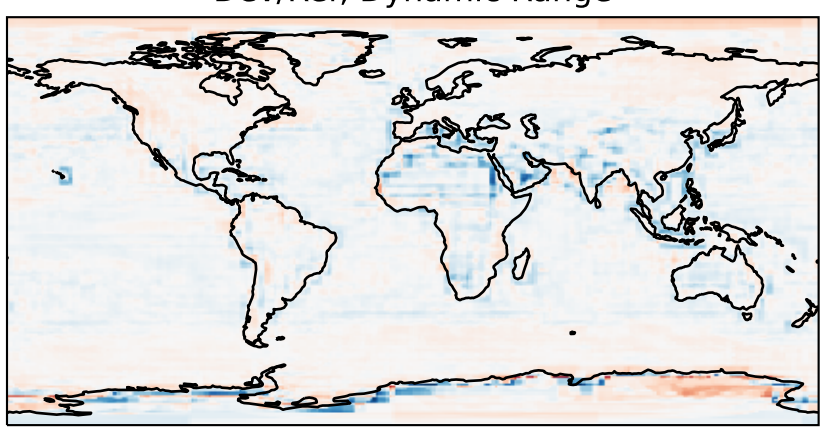


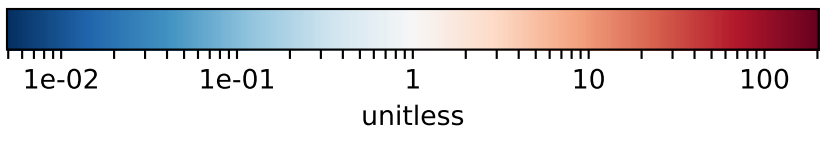

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



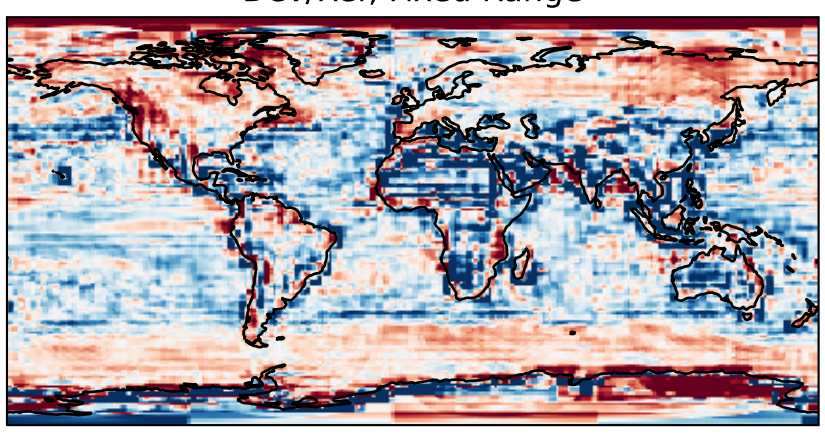


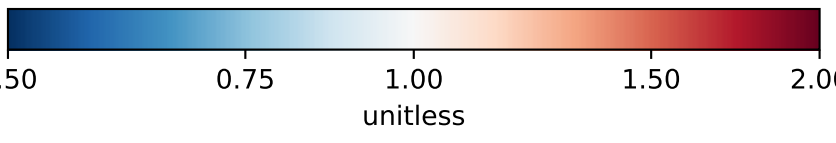

Ratio (1x1.25)
Dev/Ref, Dynamic Range





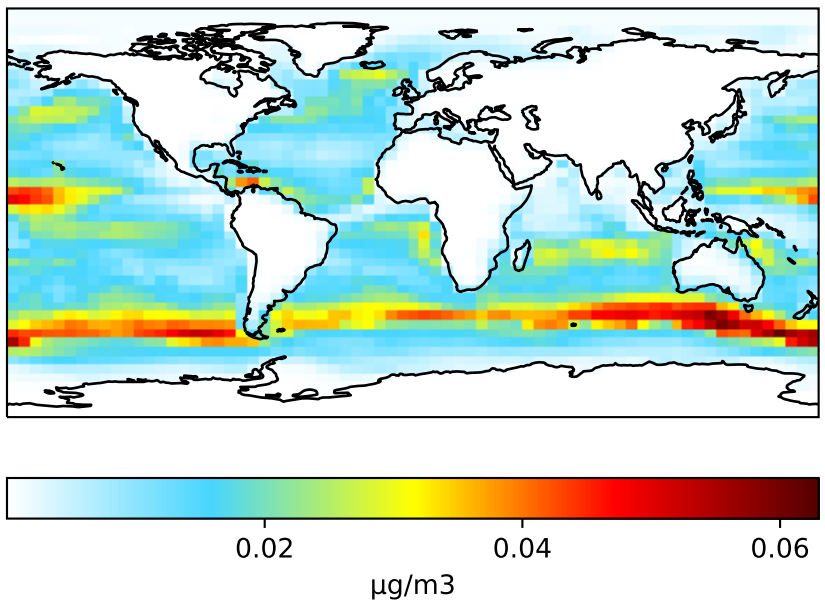

Ratio (1x1.25)
Dev/Ref, Fixed Range



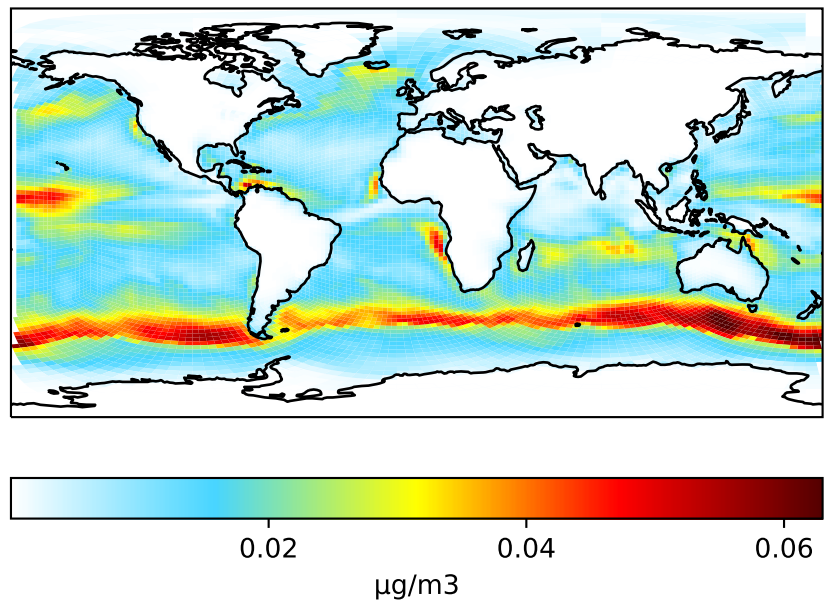


# SpeciesConc_BrSALC (Apr2019)

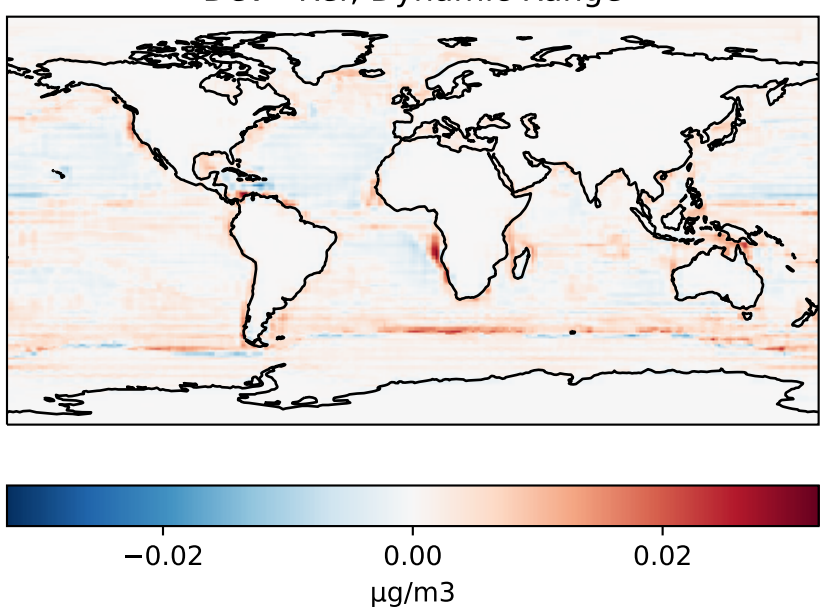
GCC_13.2.0 (Ref)
4.0x5.0



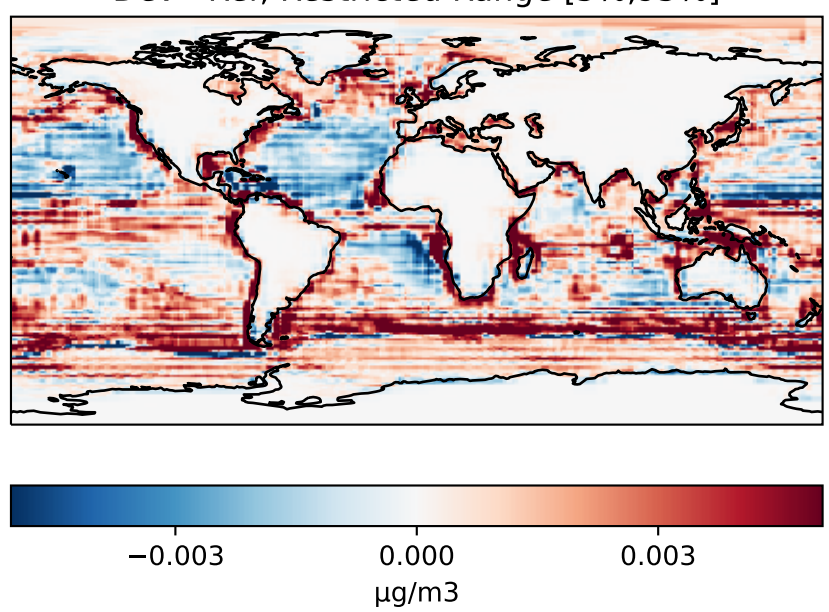

GCHP_13.2.0 (Dev)
c48



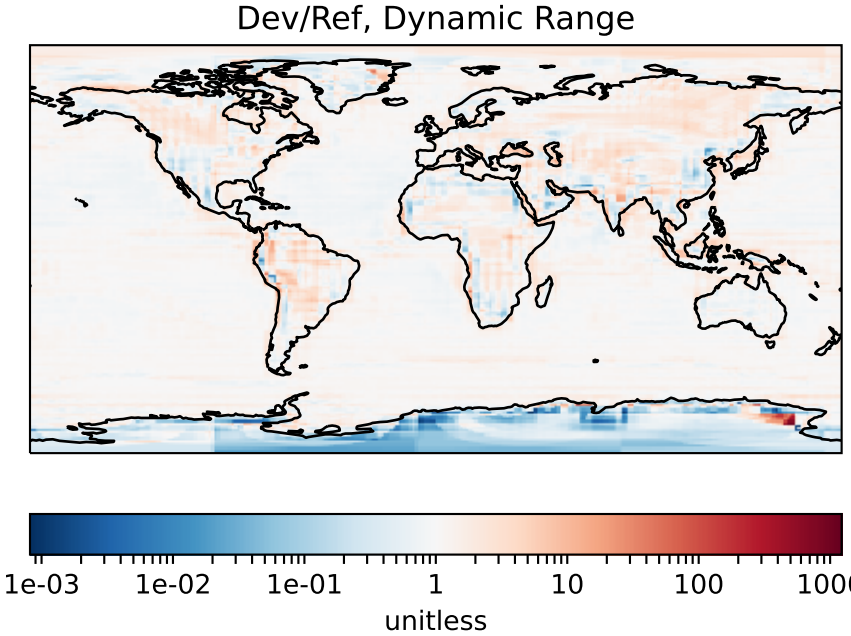

Difference (1x1.25)
Dev - Ref, Dynamic Range



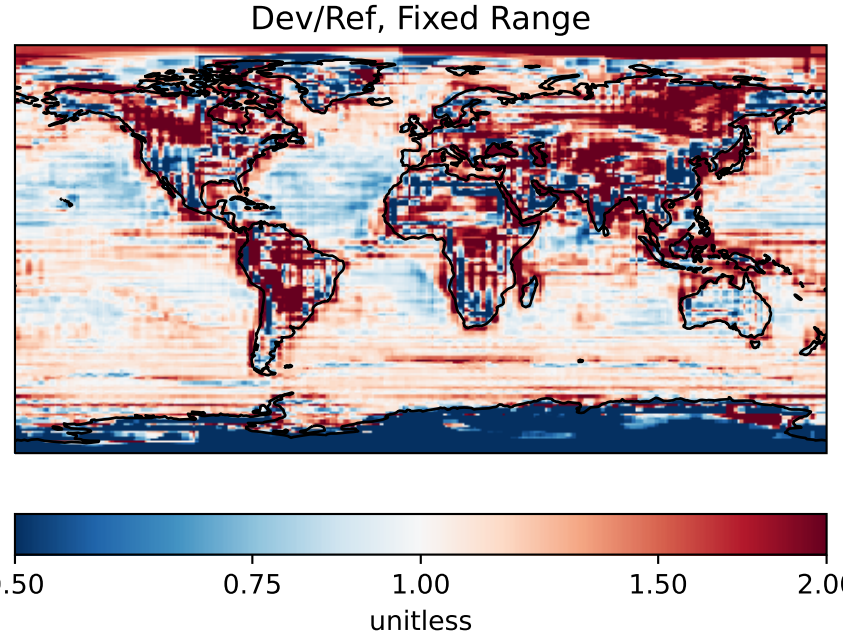

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

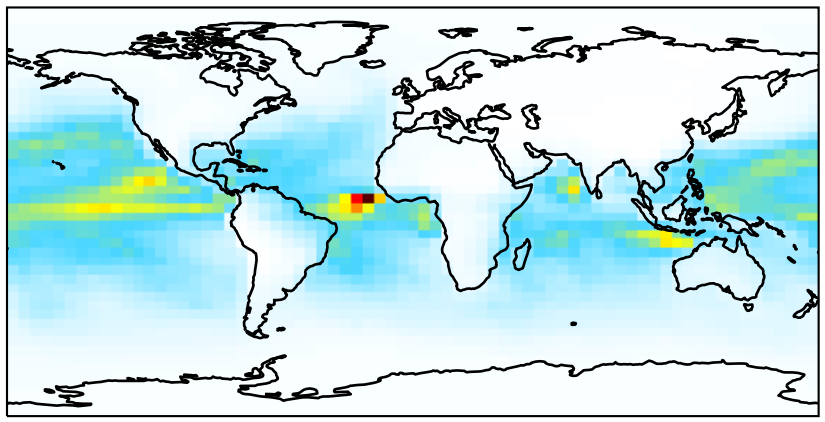


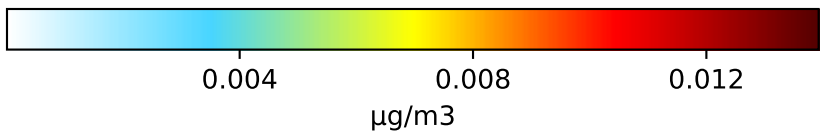

Ratio (1x1.25)
Dev/Ref, Fixed Range



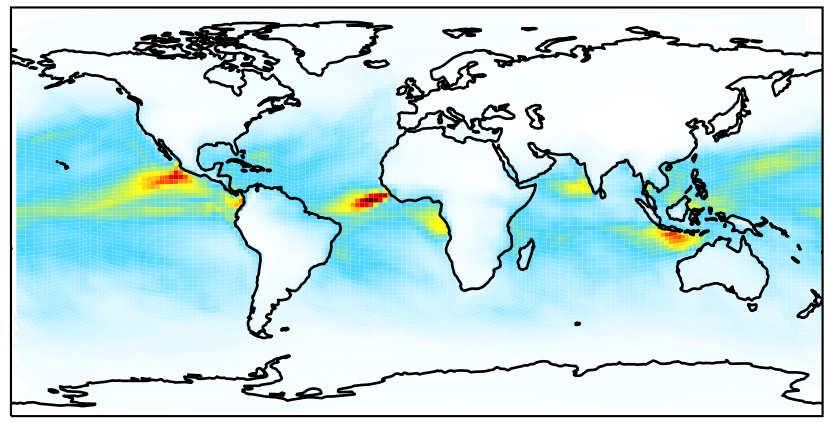
# SpeciesConc_ISALA (Apr2019)

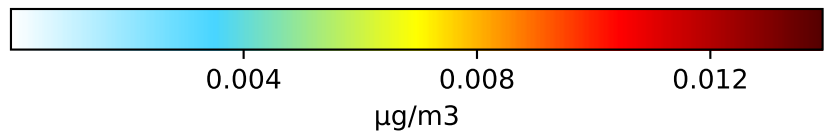
GCC_13.2.0 (Ref)
4.0x5.0



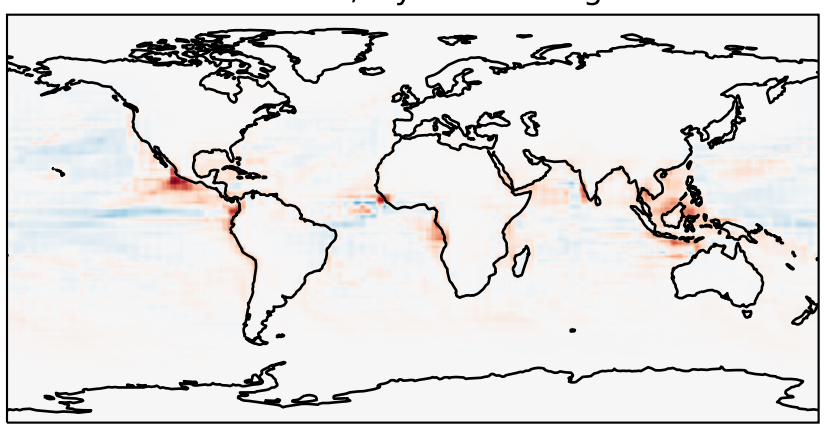


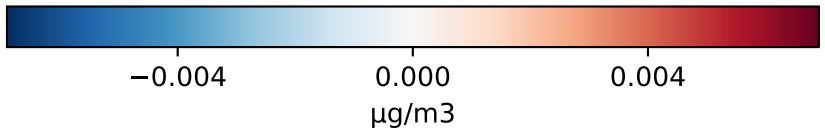

GCHP_13.2.0 (Dev)
c48



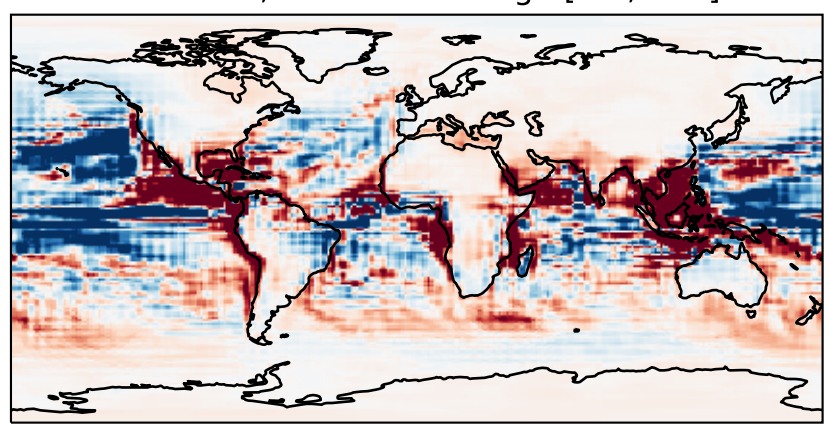


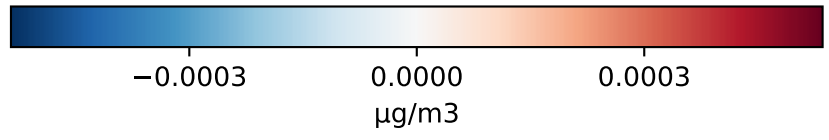

Difference (1x1.25)
Dev - Ref, Dynamic Range



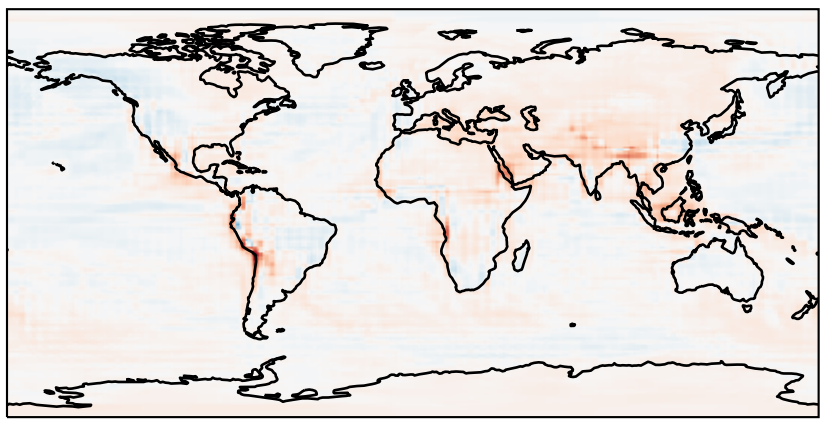


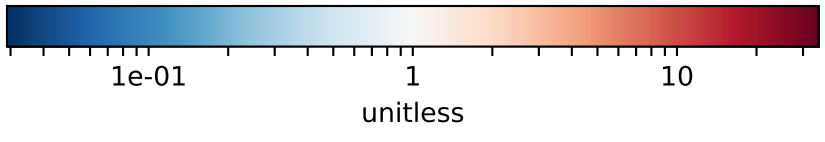

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



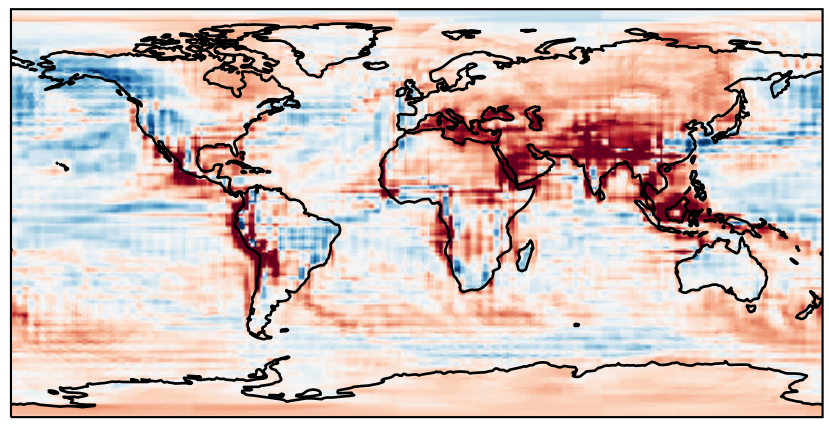


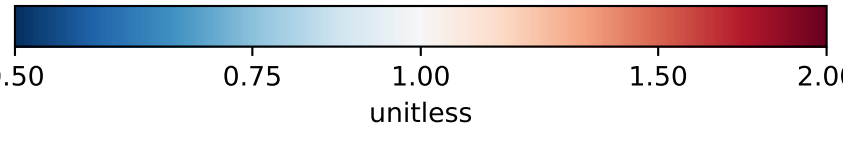

Ratio (1x1.25)
Dev/Ref, Dynamic Range





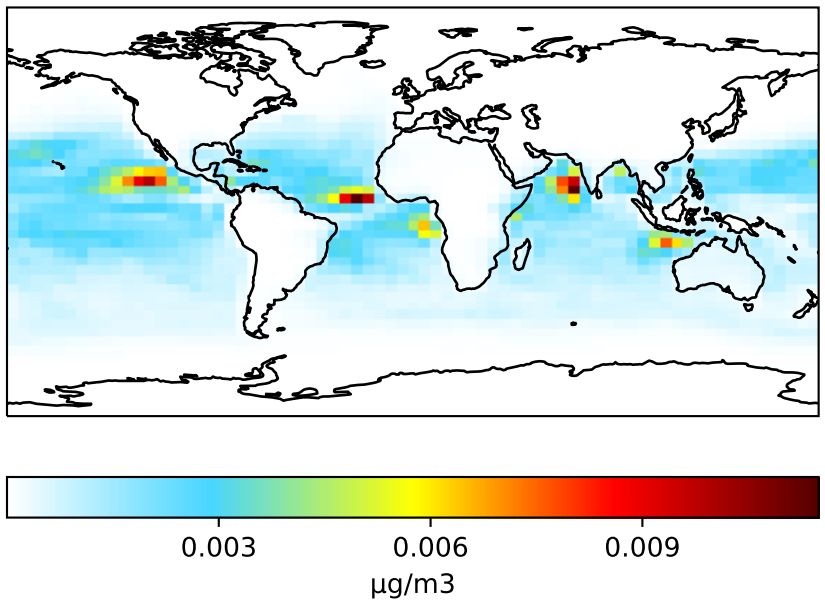

Ratio (1x1.25)
Dev/Ref, Fixed Range



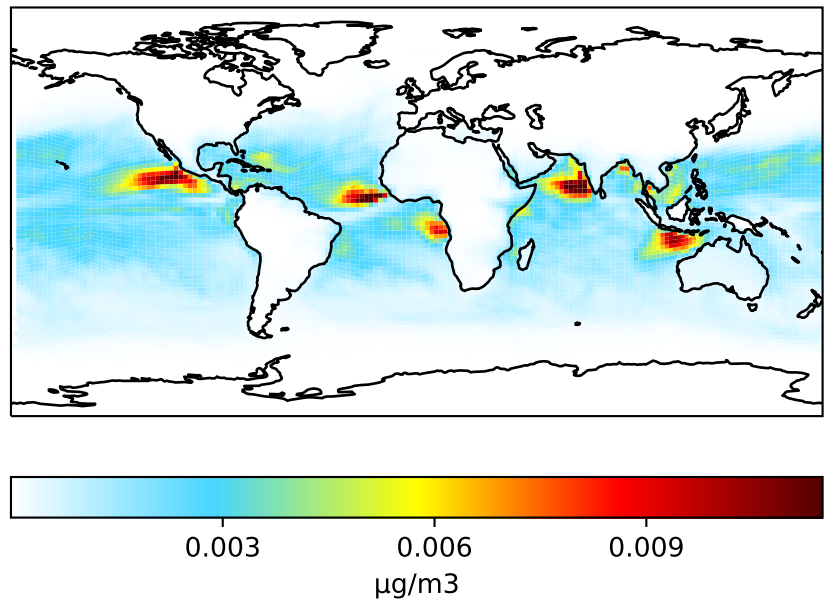


# SpeciesConc_ISALC (Apr2019)

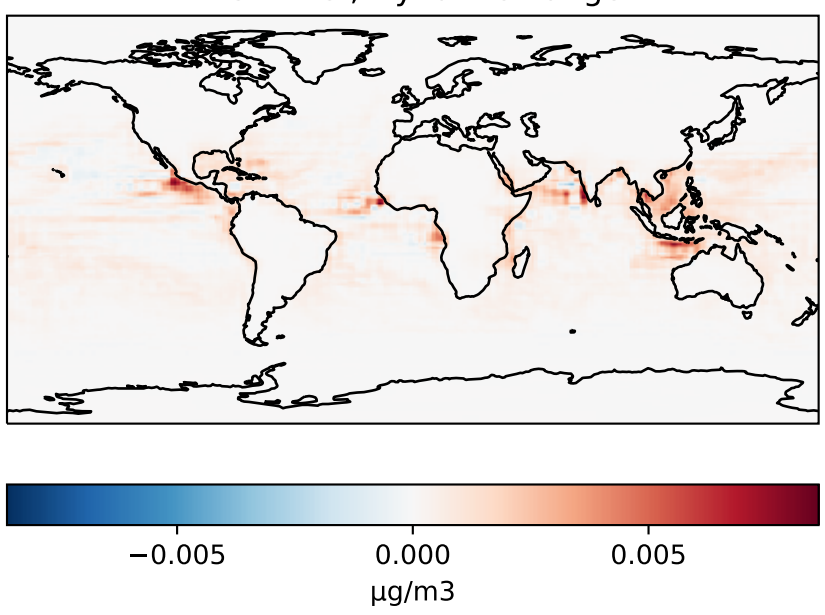
GCC_13.2.0 (Ref)
4.0x5.0



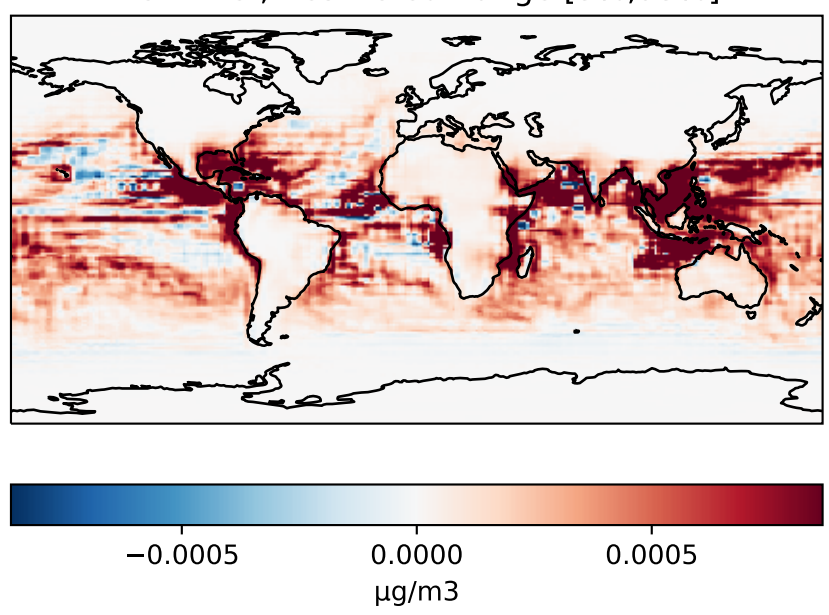

GCHP_13.2.0 (Dev)
c48



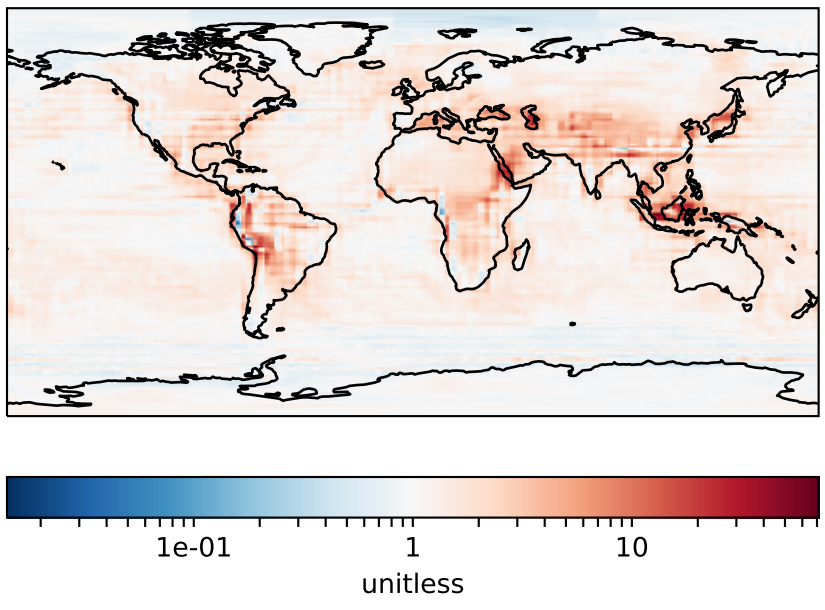

Difference (1x1.25)
Dev - Ref, Dynamic Range



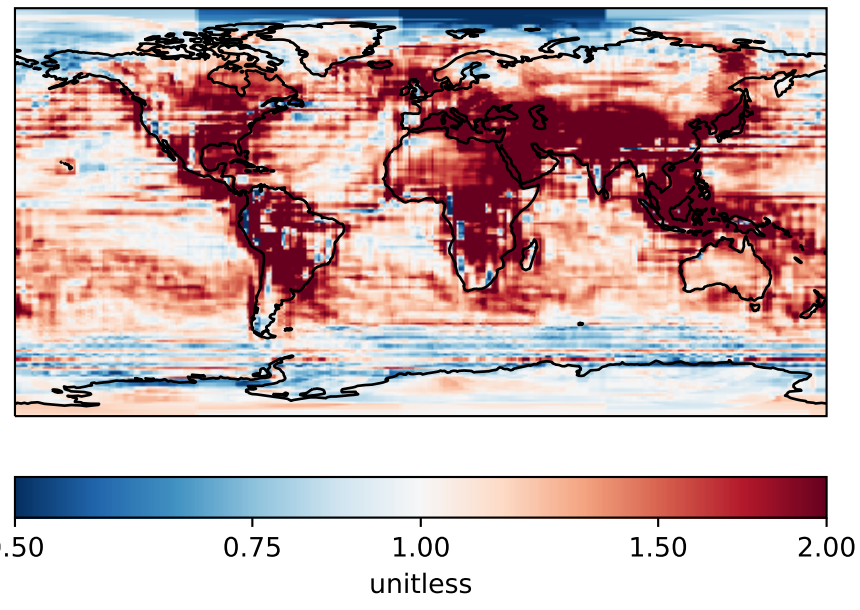

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

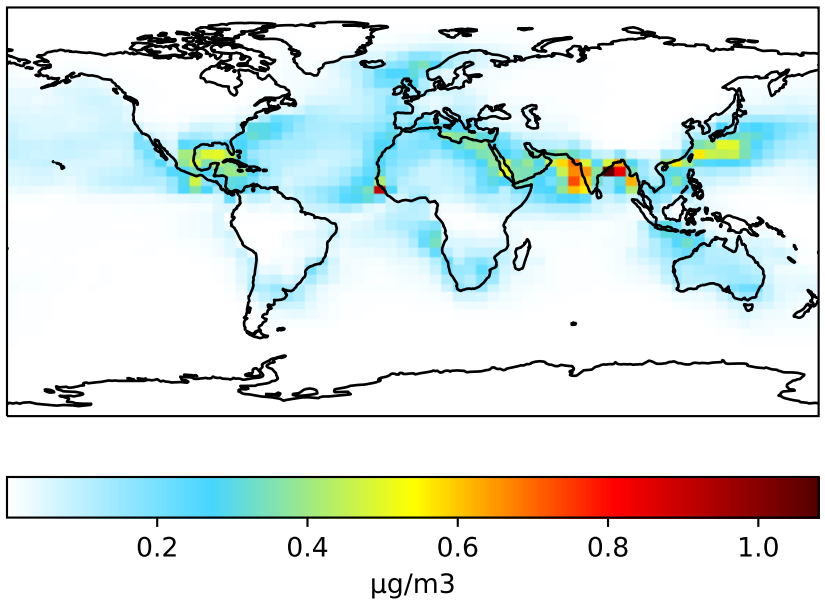



Ratio (1x1.25)
Dev/Ref, Fixed Range

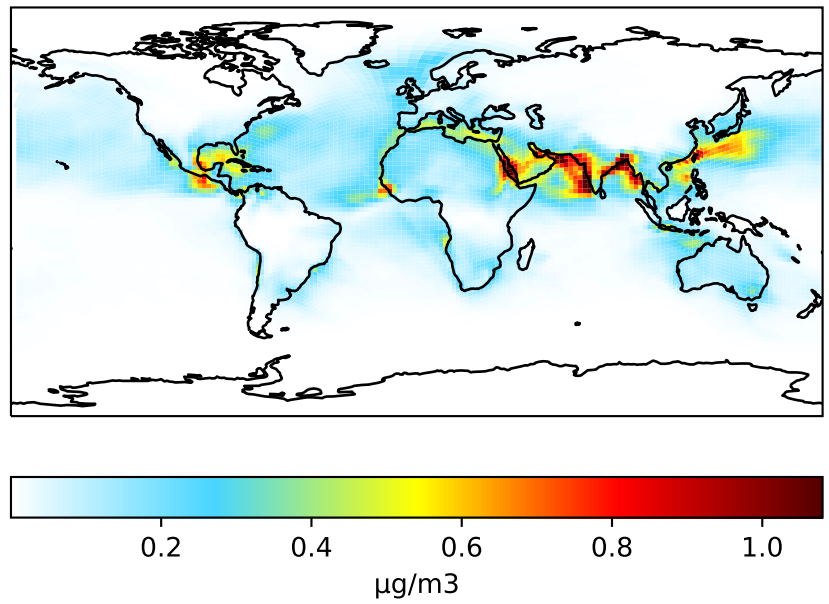


# SpeciesConc_NITs (Apr2019)

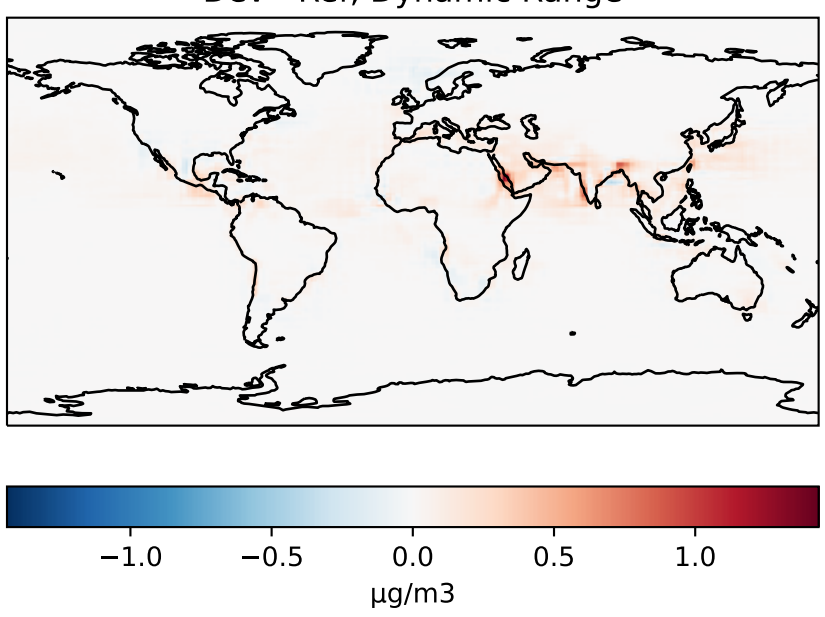
GCC_13.2.0 (Ref)
4.0x5.0



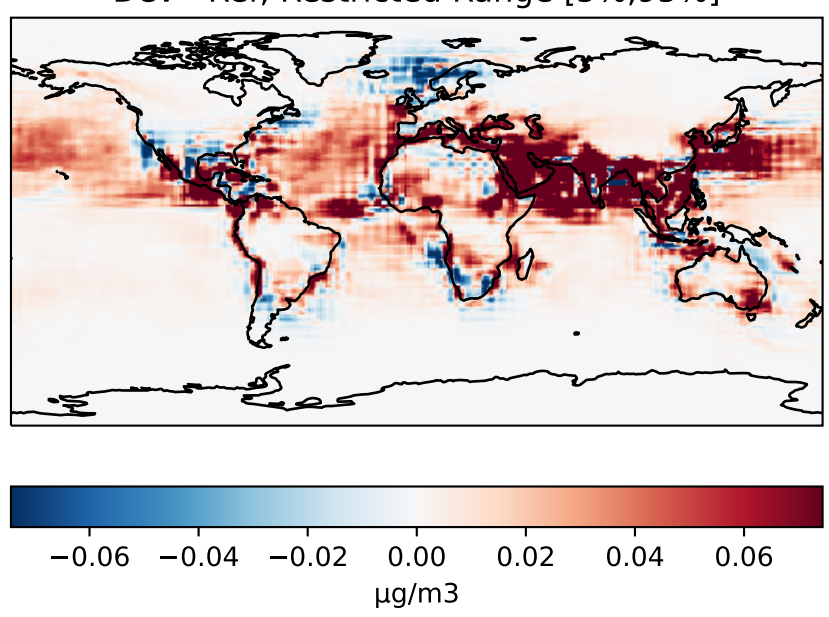

GCHP_13.2.0 (Dev)
c48



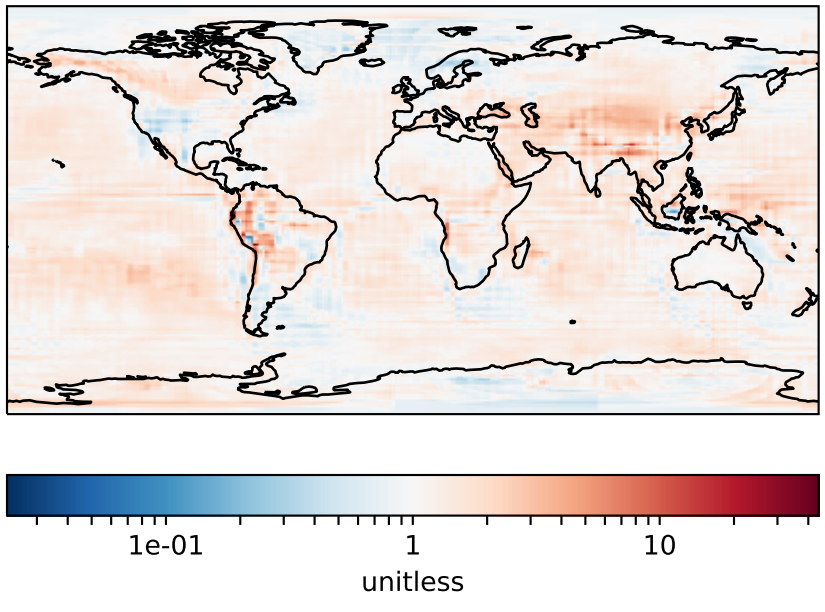

Difference (1x1.25)
Dev - Ref, Dynamic Range



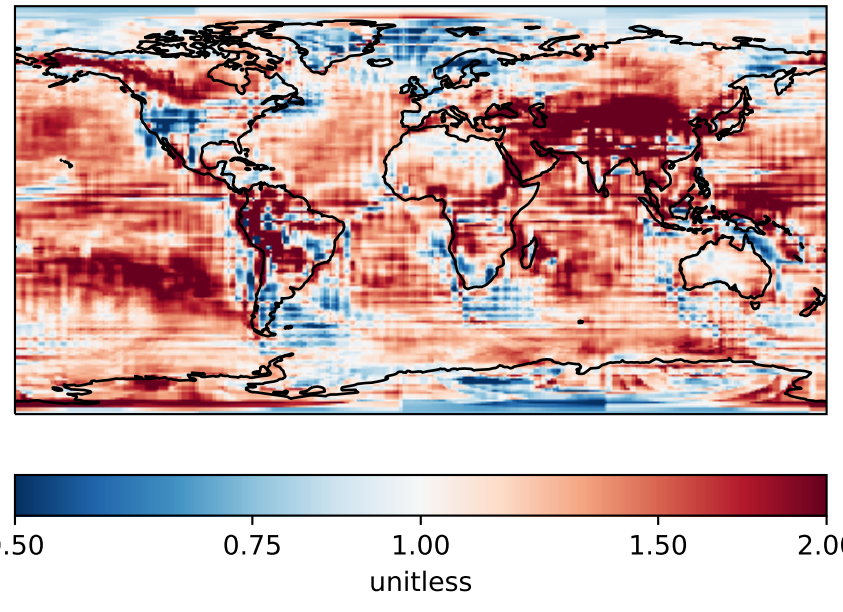

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

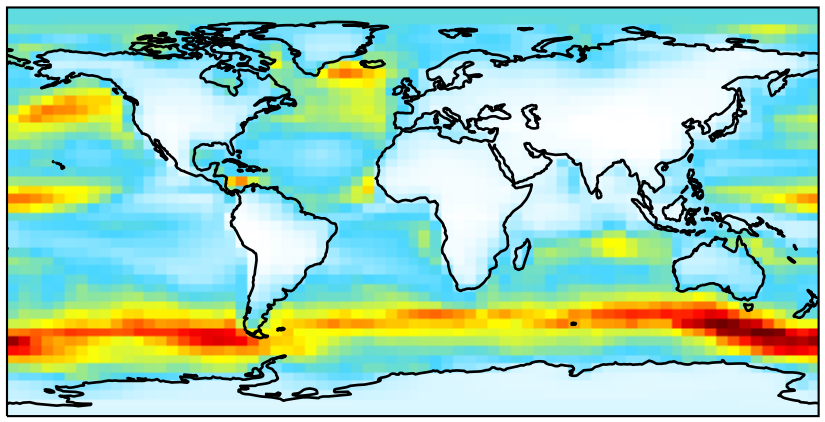


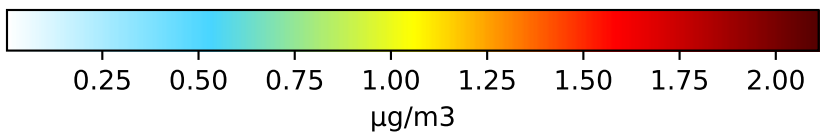

Ratio (1x1.25)
Dev/Ref, Fixed Range



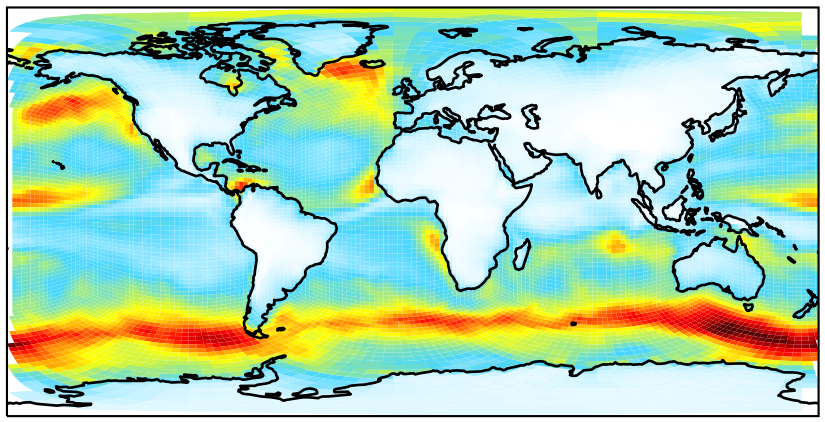
# SpeciesConc_SALA (Apr2019)

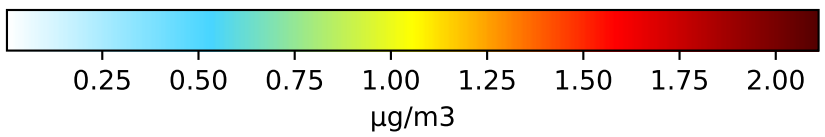
GCC_13.2.0 (Ref)
4.0x5.0



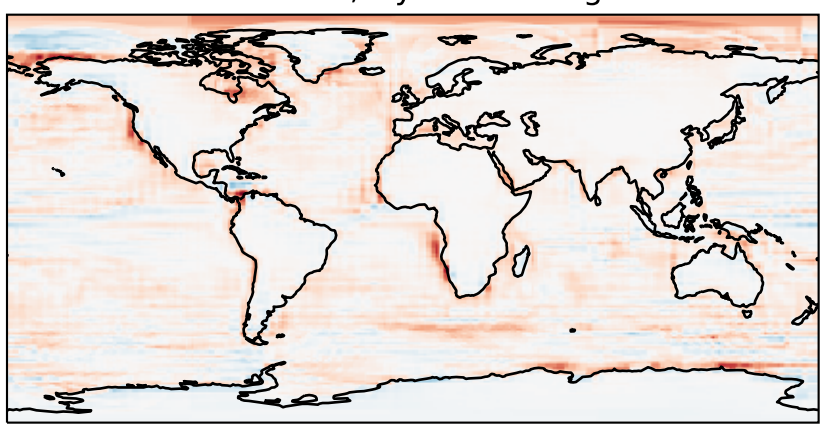


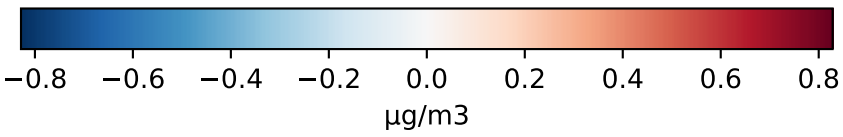

GCHP_13.2.0 (Dev)
c48



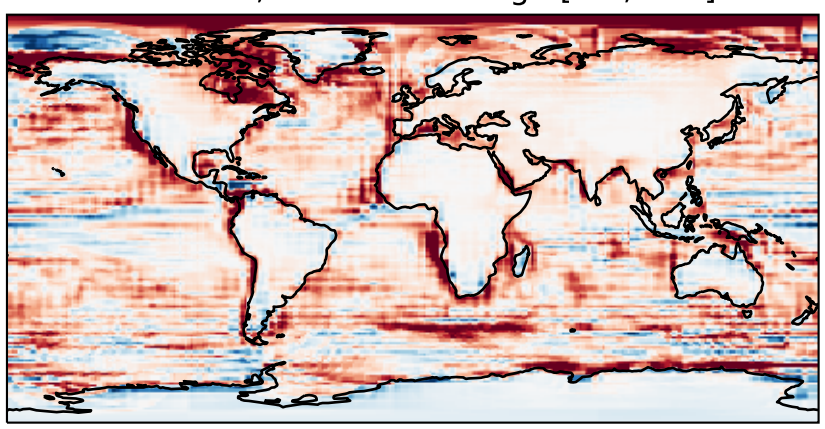


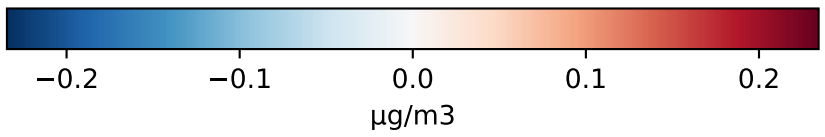

Difference (1x1.25)
Dev - Ref, Dynamic Range



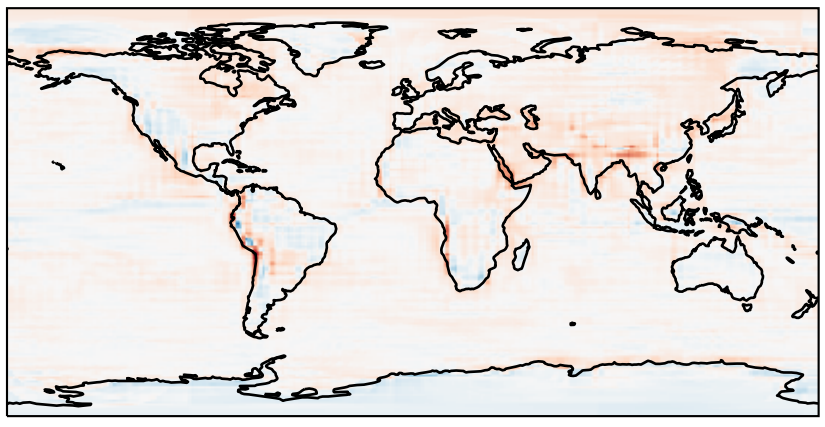


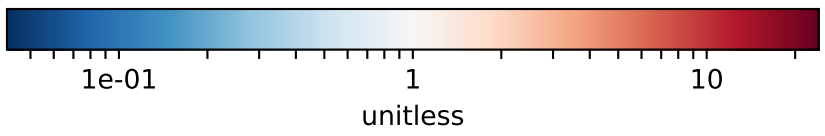

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



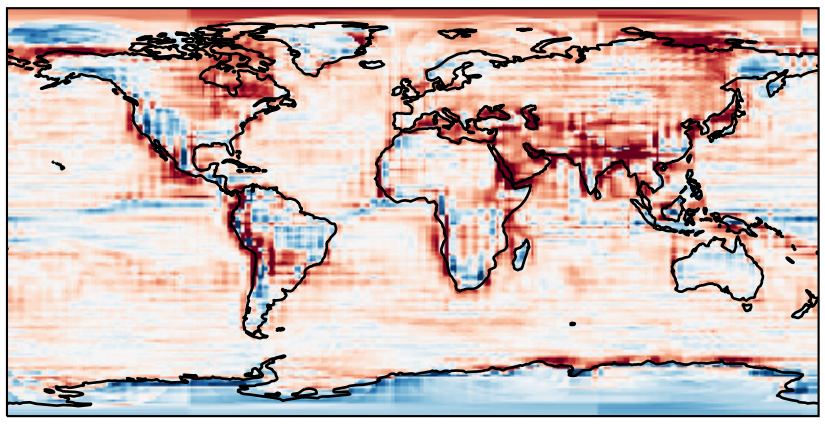


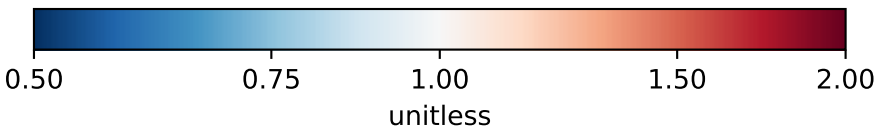

Ratio (1x1.25)
Dev/Ref, Dynamic Range





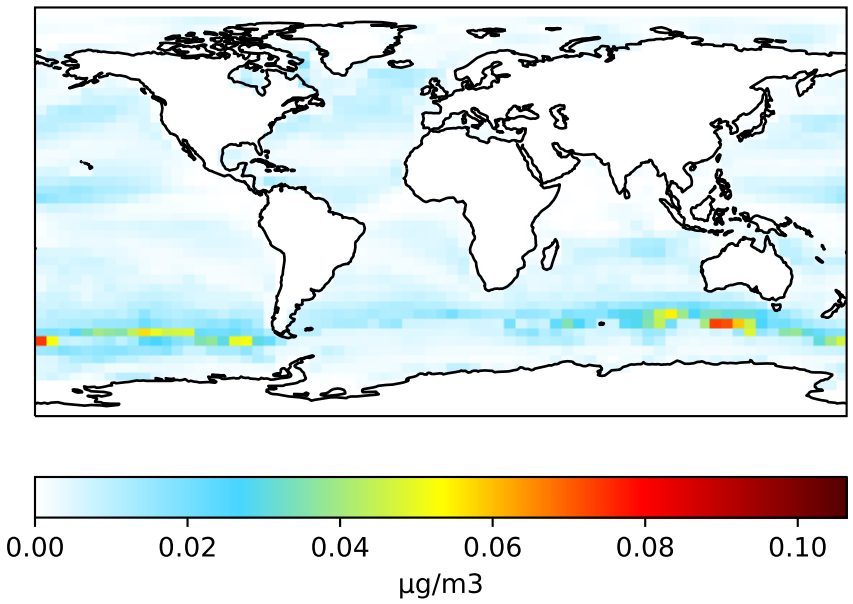

Ratio (1x1.25)
Dev/Ref, Fixed Range



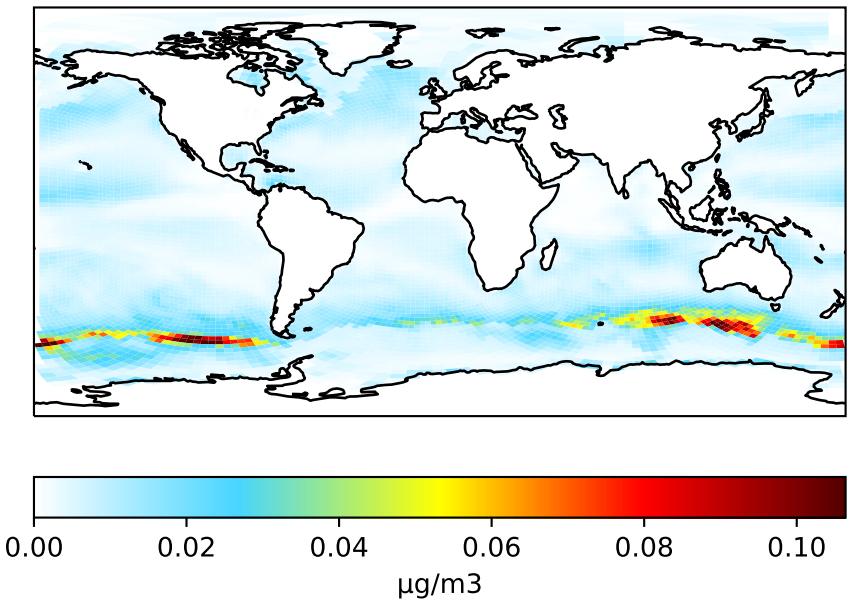


# SpeciesConc_SALAAL (Apr2019)

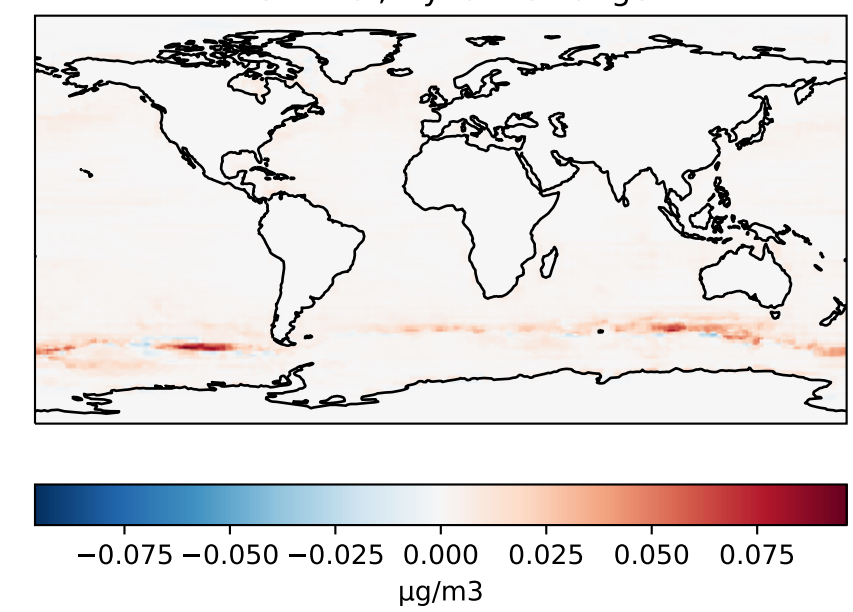
GCC_13.2.0 (Ref)
4.0x5.0



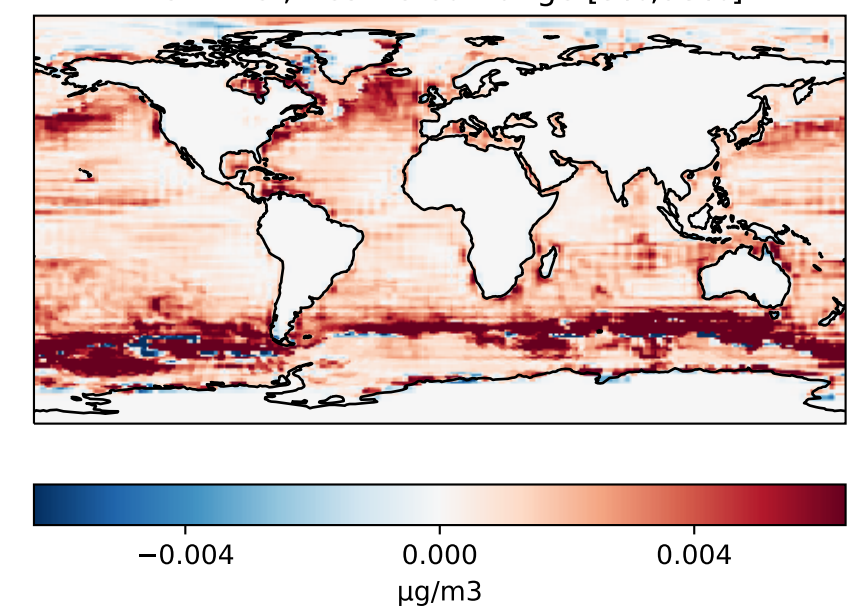

GCHP_13.2.0 (Dev)
c48



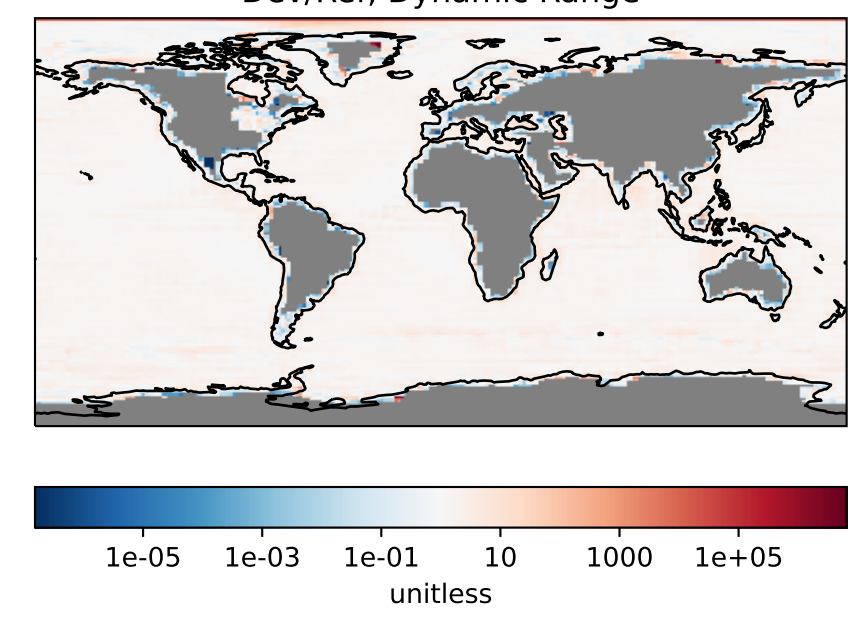

Difference (1x1.25)
Dev - Ref, Dynamic Range



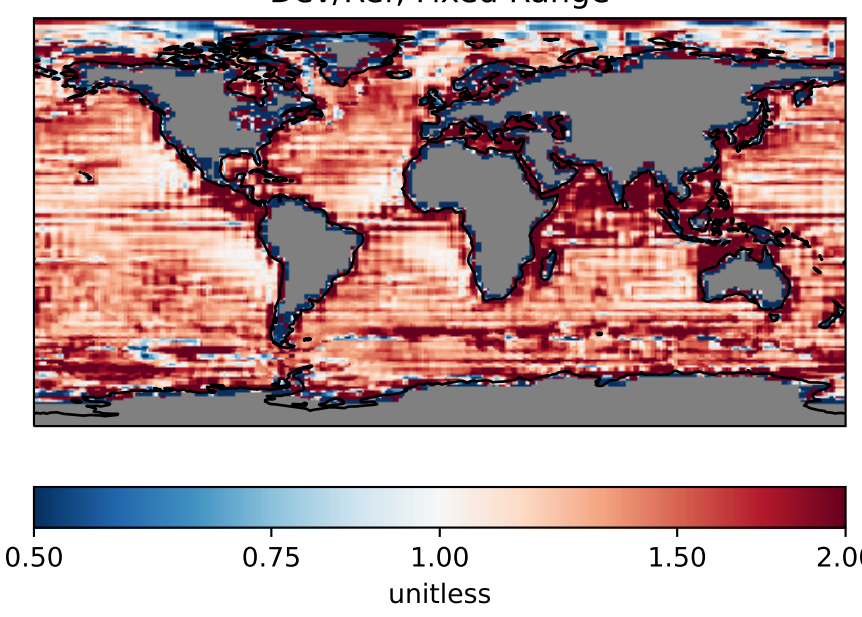

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

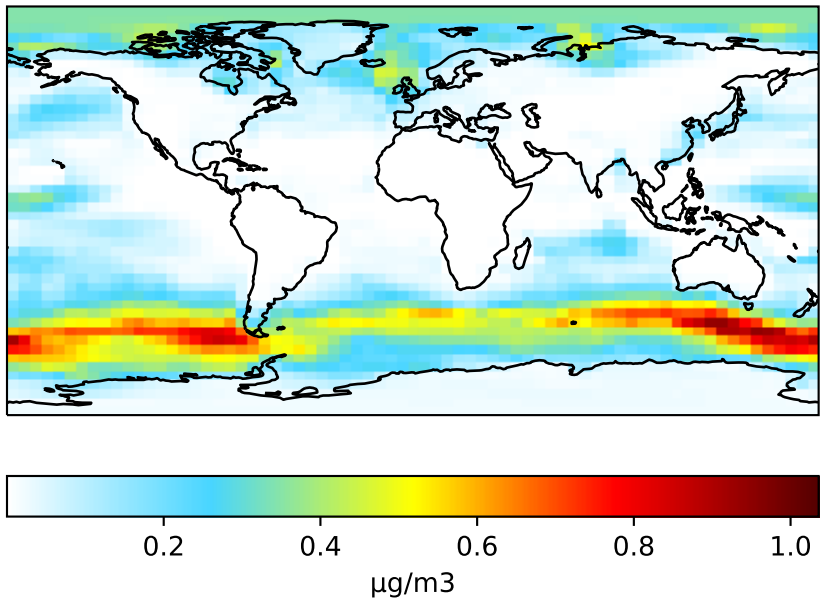



Ratio (1x1.25)
Dev/Ref, Fixed Range

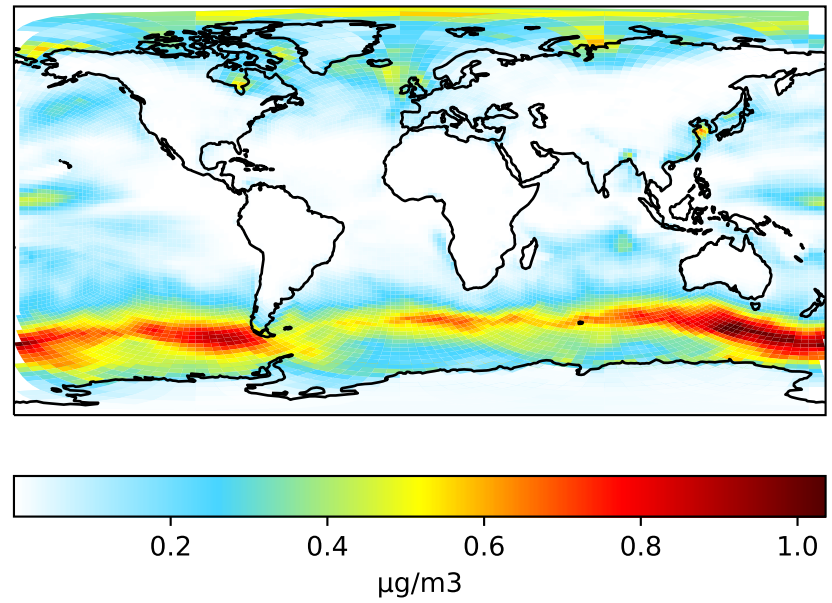


# SpeciesConc_SALACL (Apr2019)

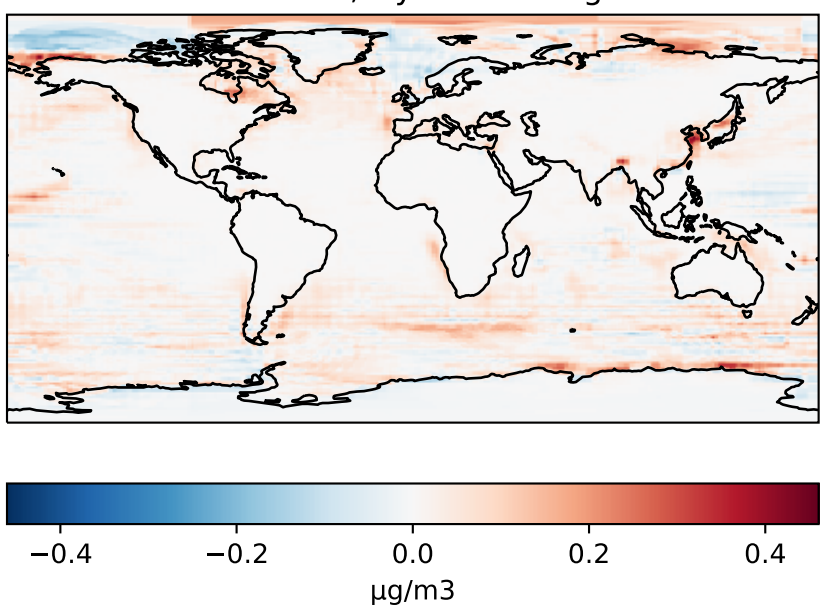
GCC_13.2.0 (Ref)
4.0x5.0



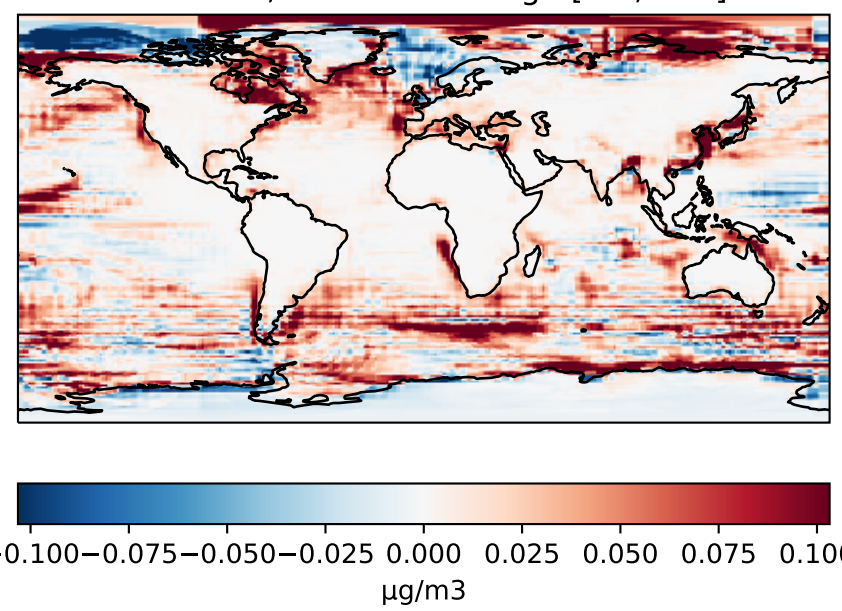

GCHP_13.2.0 (Dev)
c48



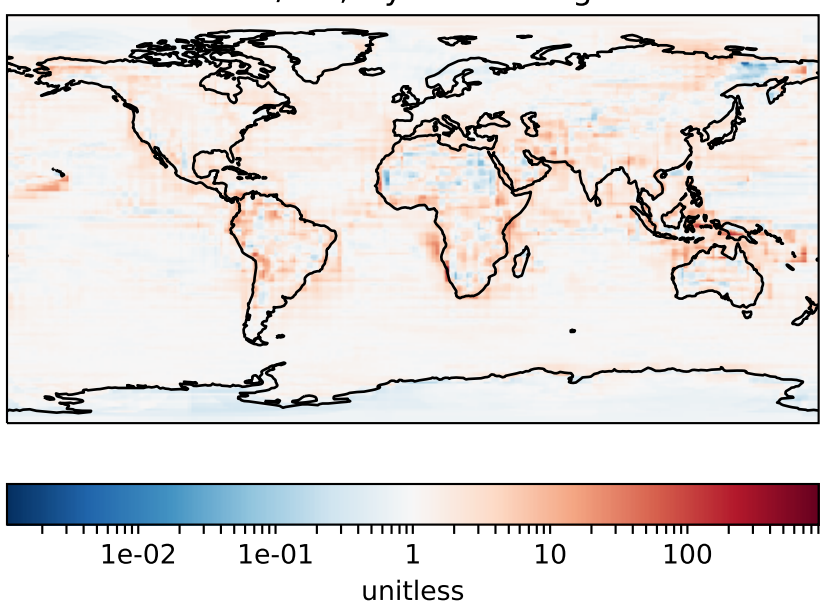

Difference (1x1.25)
Dev - Ref, Dynamic Range



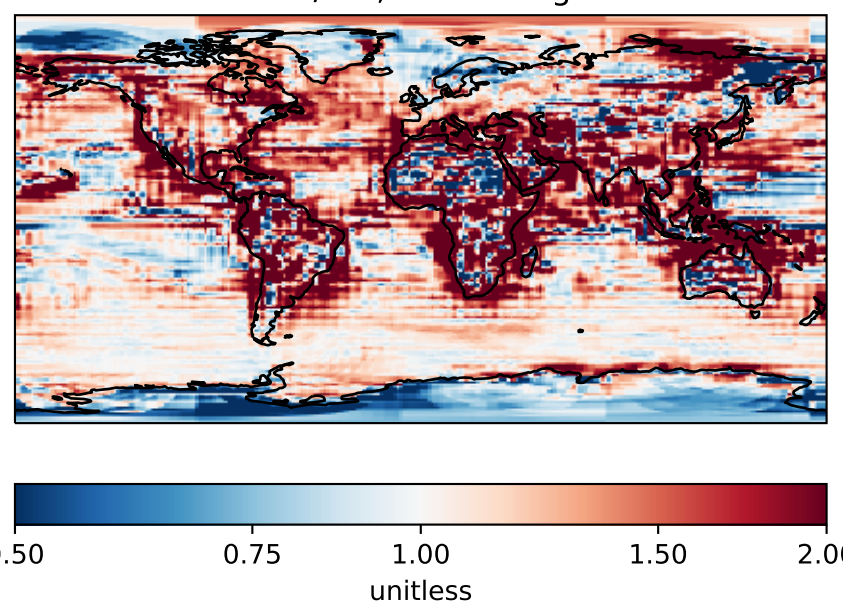

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

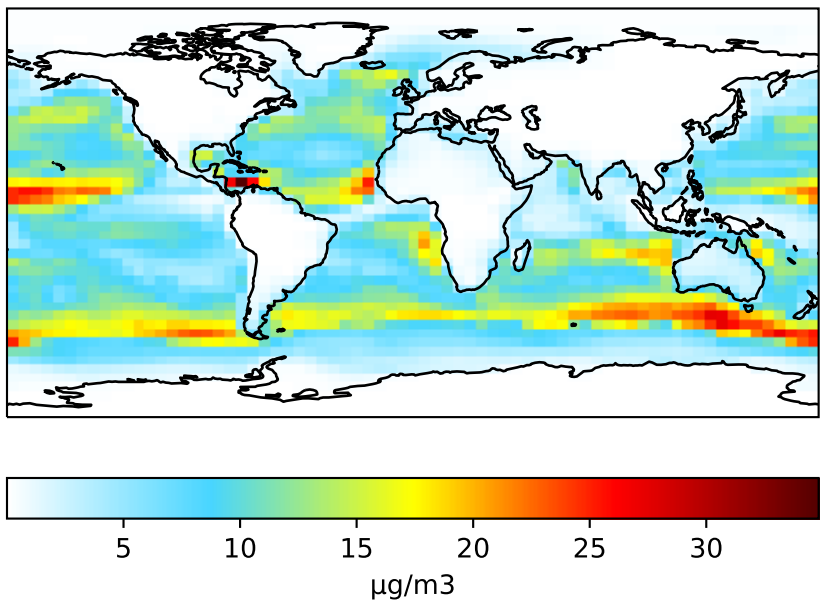



Ratio (1x1.25)
Dev/Ref, Fixed Range

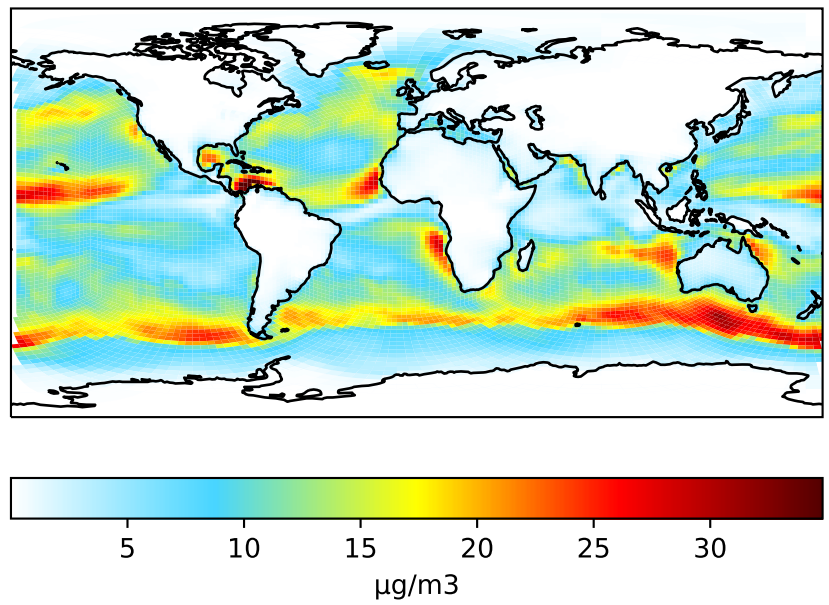


# SpeciesConc_SALC (Apr2019)

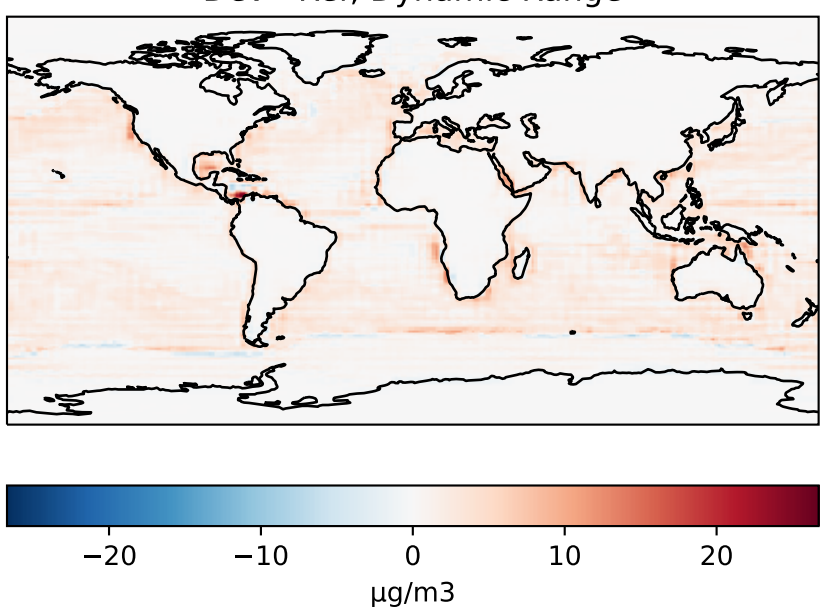
GCC_13.2.0 (Ref)
4.0x5.0



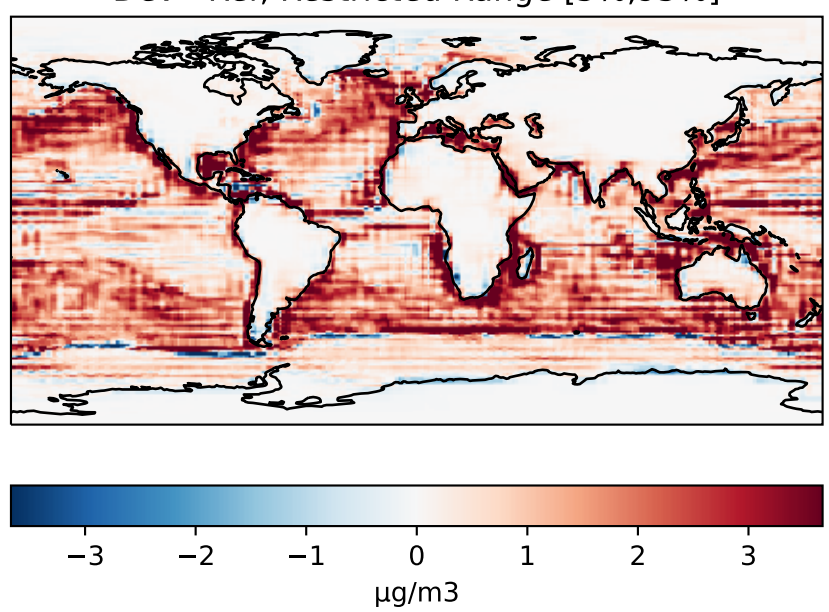

GCHP_13.2.0 (Dev)
c48



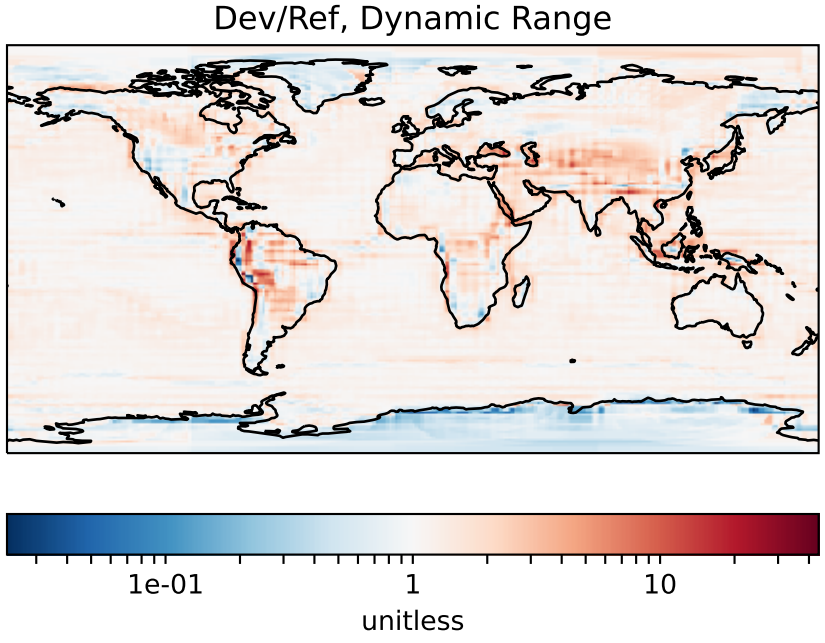

Difference (1x1.25)
Dev - Ref, Dynamic Range



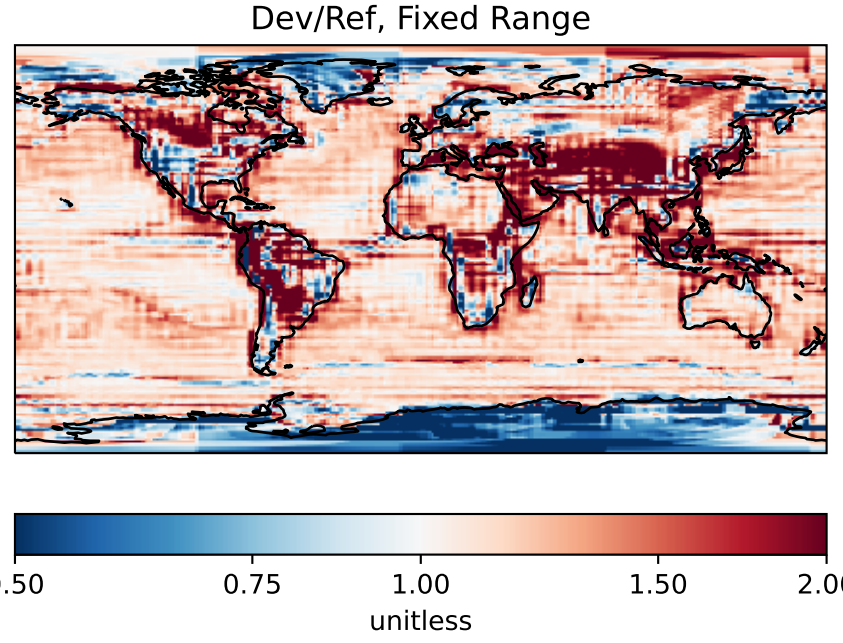

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

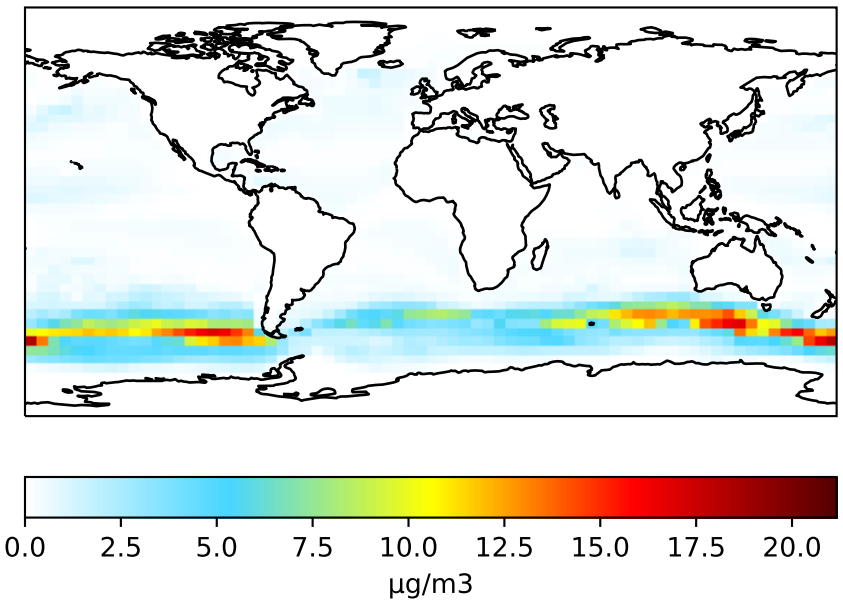



Ratio (1x1.25)
Dev/Ref, Fixed Range



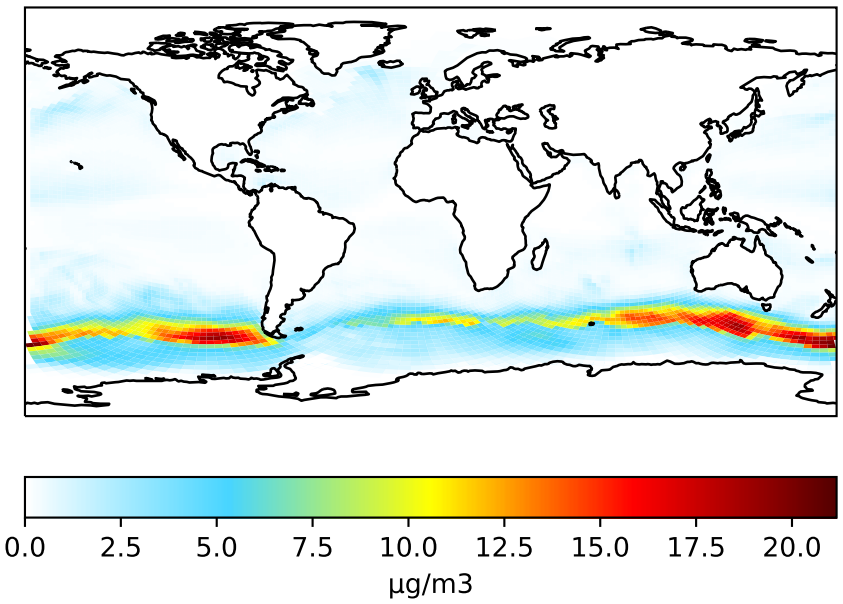
# SpeciesConc_SALCAL (Apr2019)

GCC_13.2.0 (Ref)
4.0x5.0



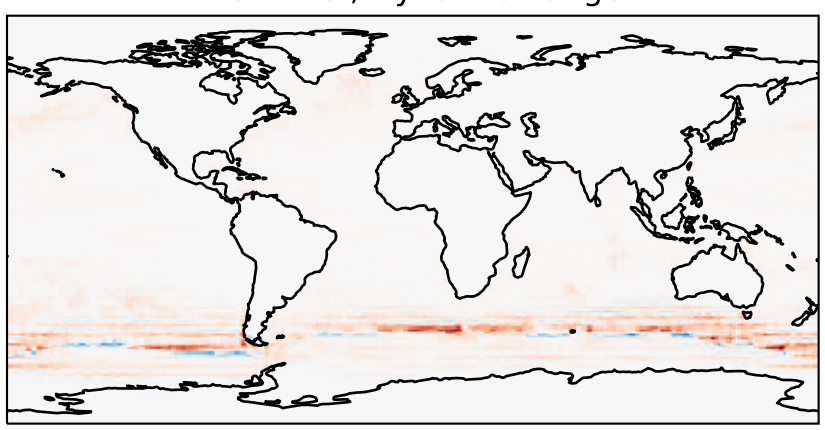


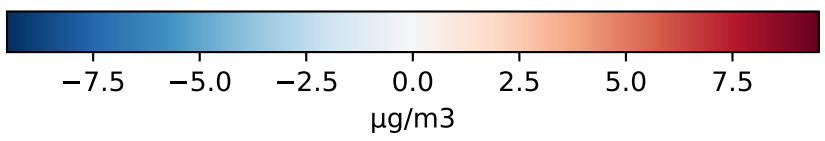

GCHP_13.2.0 (Dev)
c48



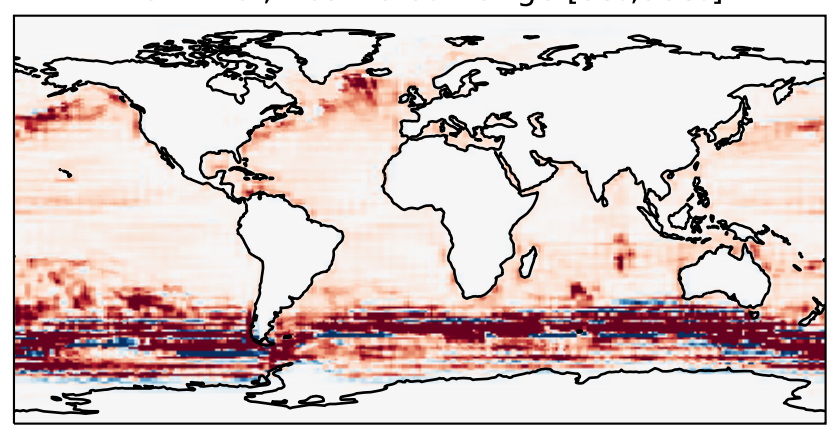


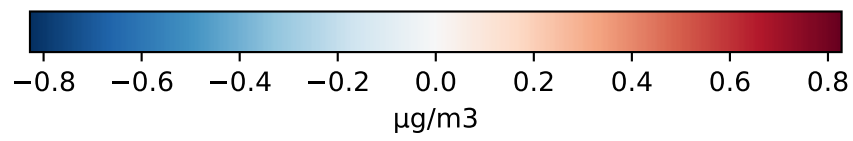

Difference (1x1.25)
Dev - Ref, Dynamic Range



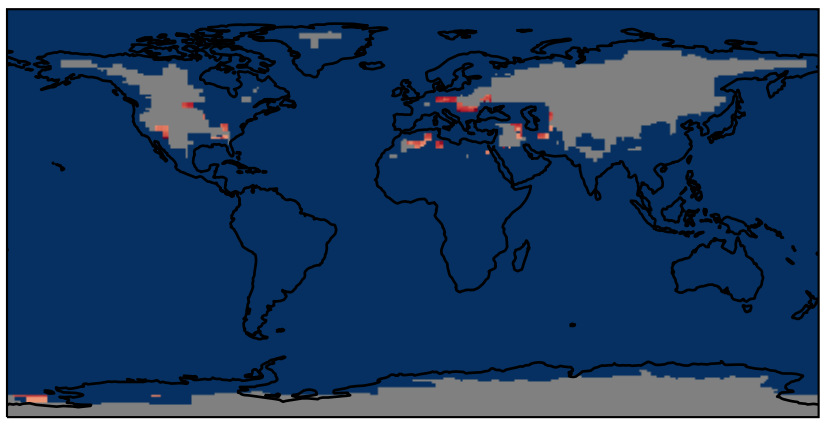


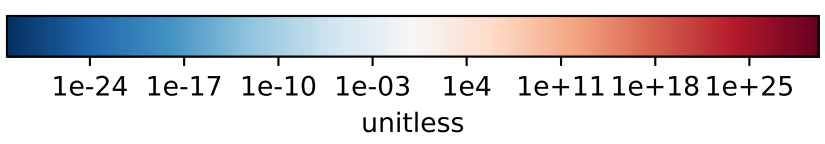

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



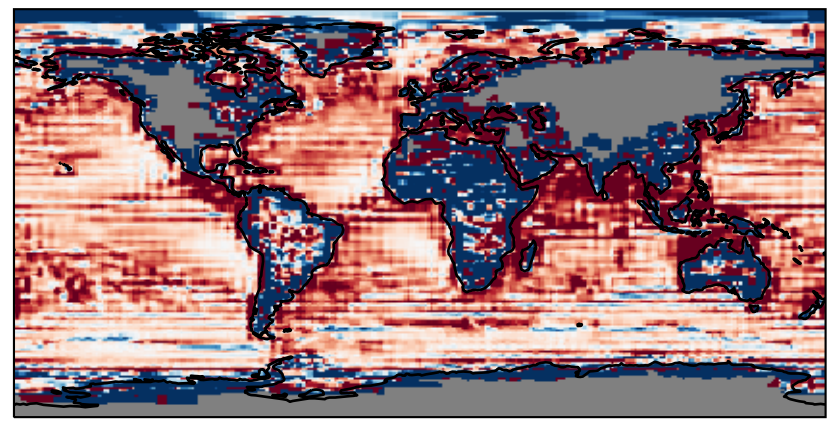


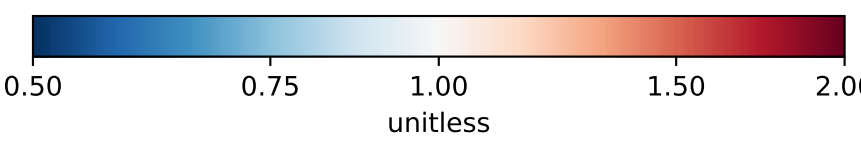

Ratio (1x1.25)
Dev/Ref, Dynamic Range





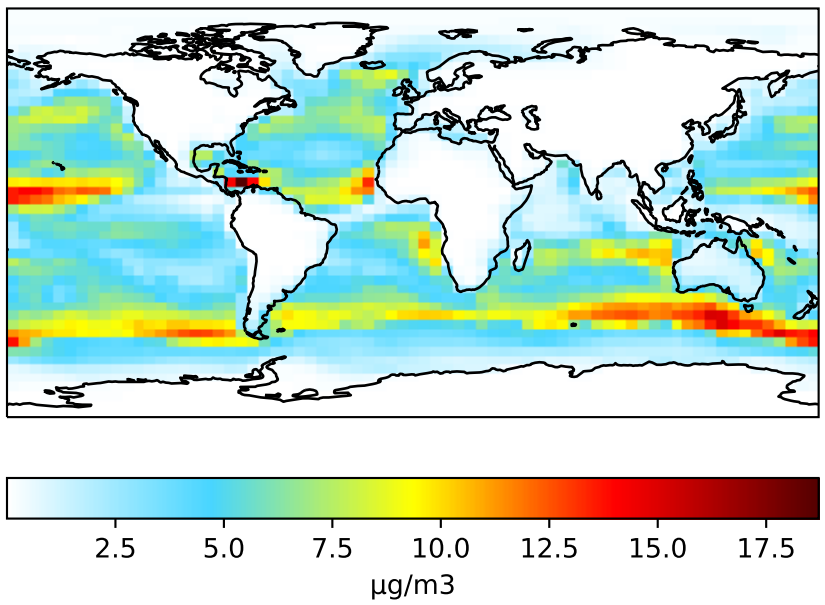

Ratio (1x1.25)
Dev/Ref, Fixed Range



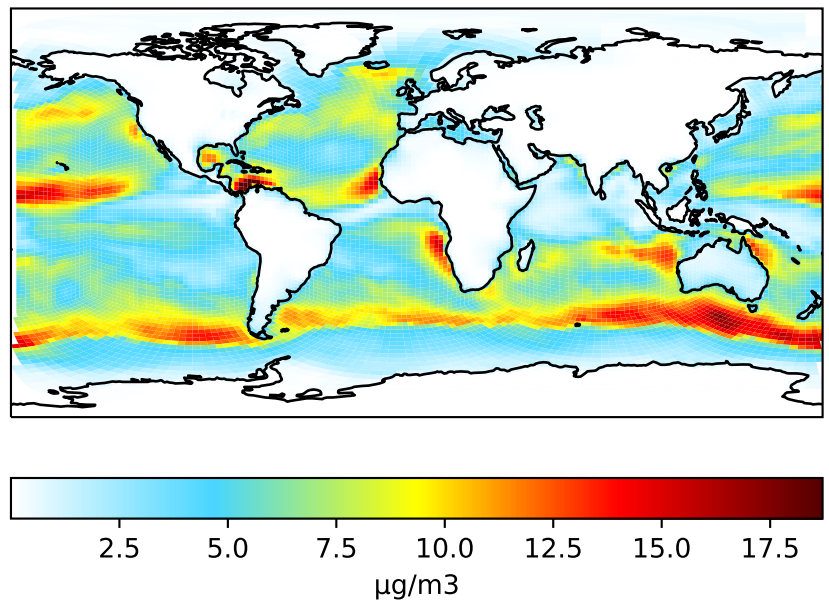


# SpeciesConc_SALCCL (Apr2019)

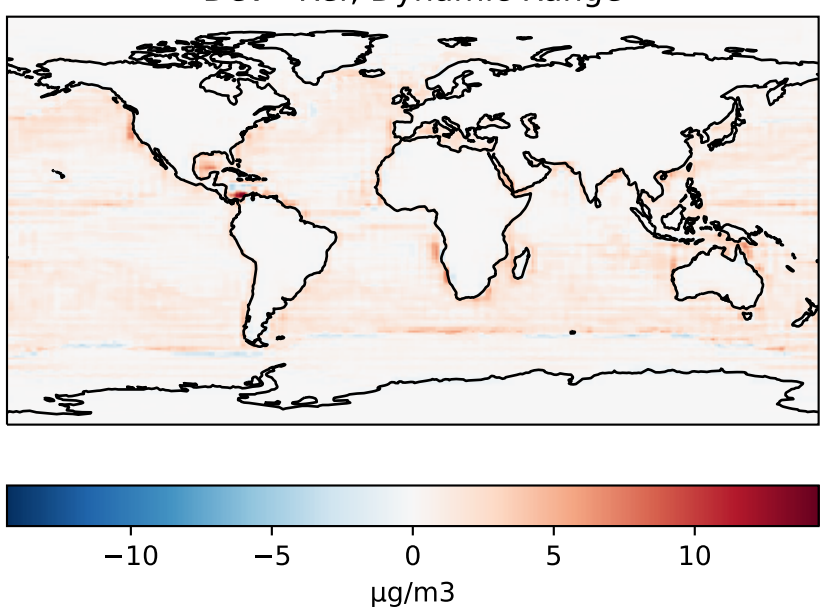
GCC_13.2.0 (Ref)
4.0x5.0



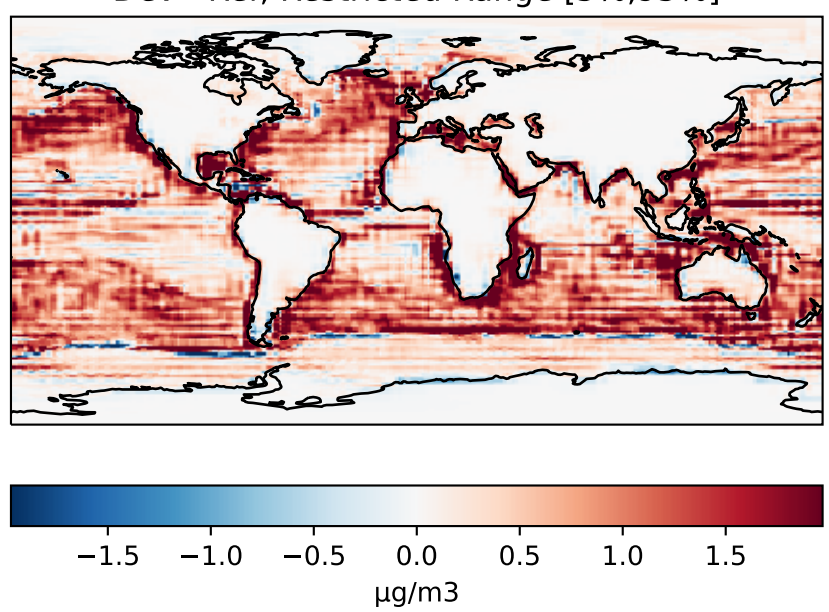

GCHP_13.2.0 (Dev)
c48



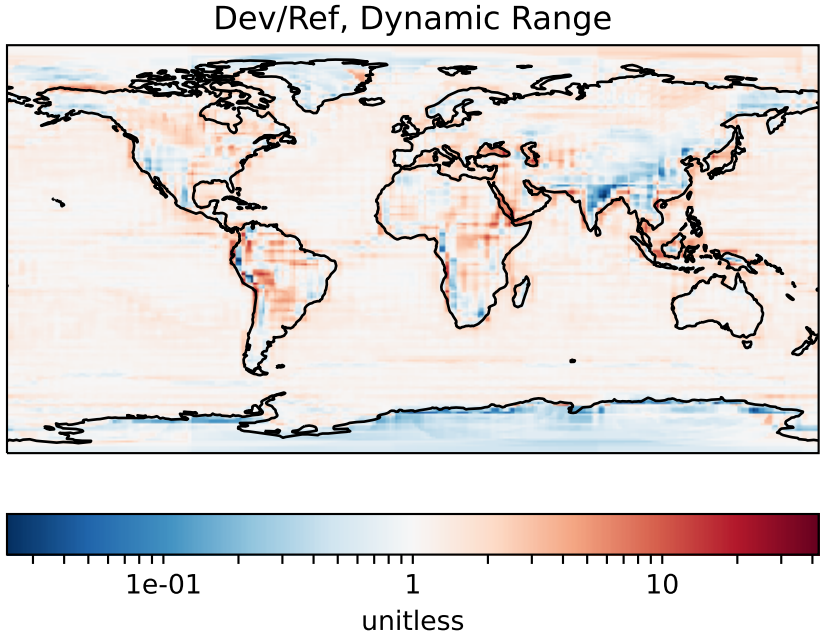

Difference (1x1.25)
Dev - Ref, Dynamic Range



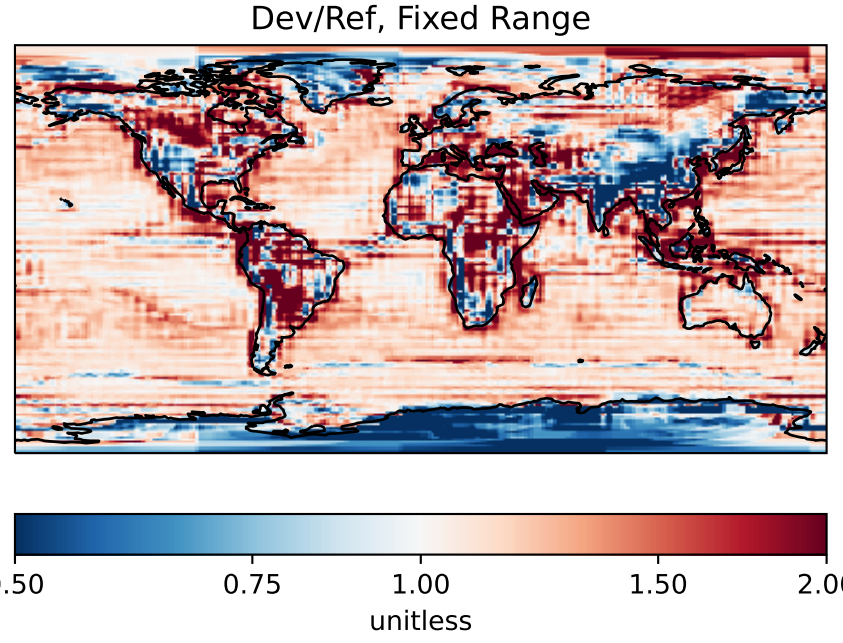

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]




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

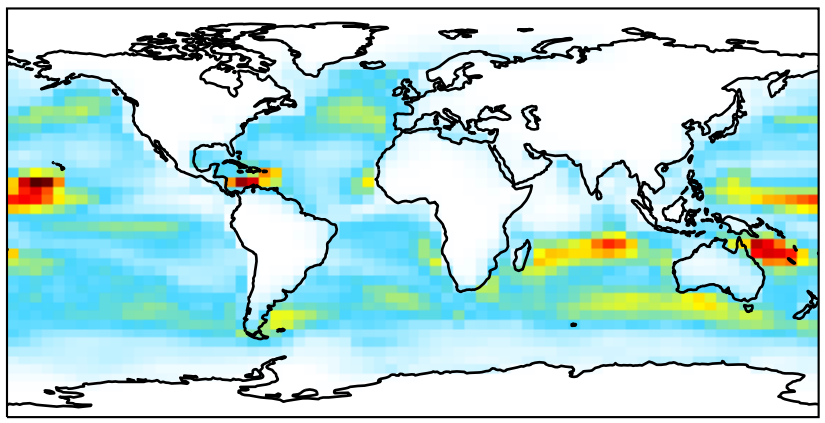


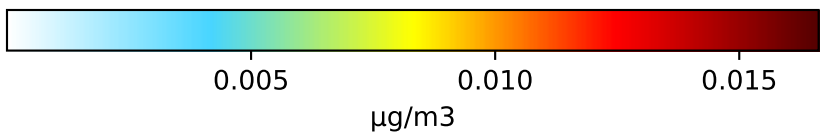

Ratio (1x1.25)
Dev/Ref, Fixed Range



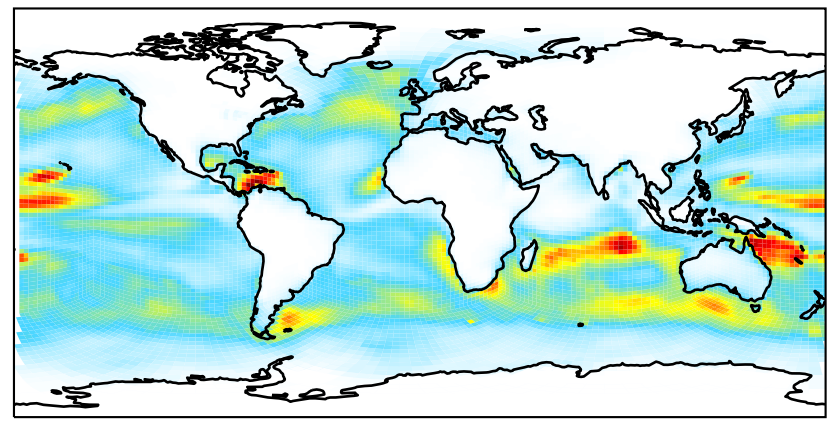
# SpeciesConc_SO4s (Apr2019)

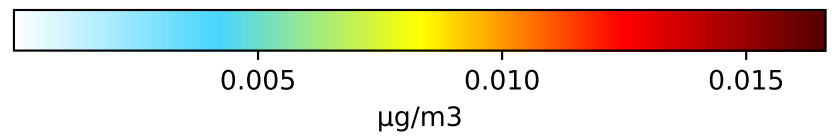
GCC_13.2.0 (Ref)
4.0x5.0



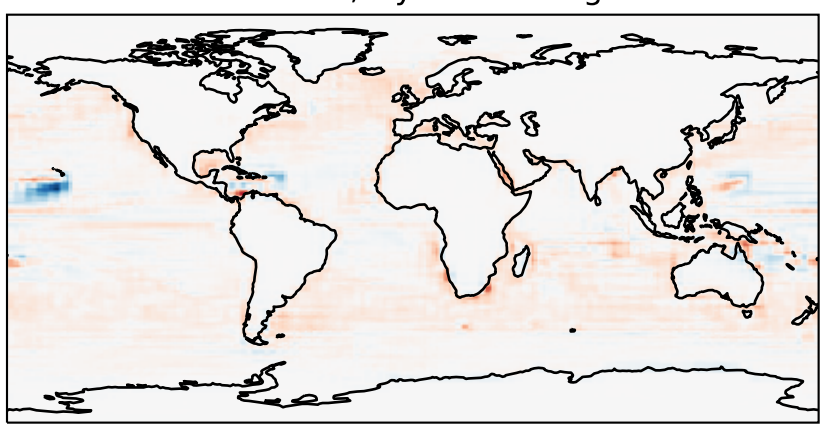


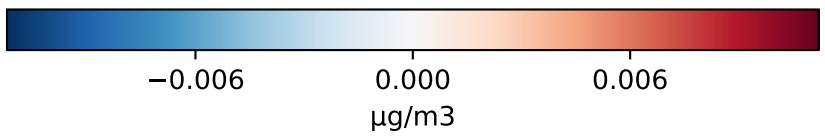

GCHP_13.2.0 (Dev)
c48



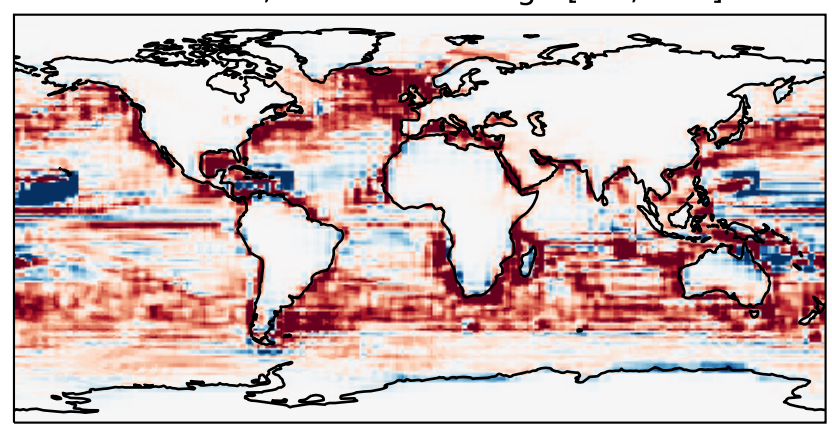


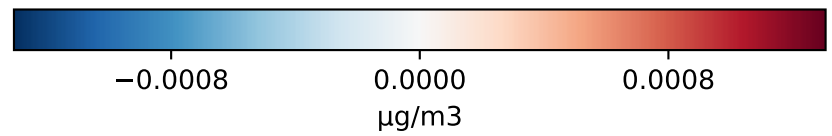

Difference (1x1.25)
Dev - Ref, Dynamic Range



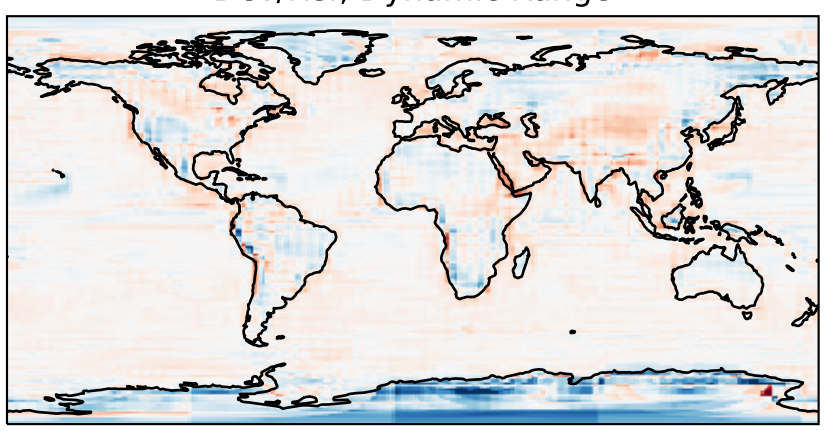


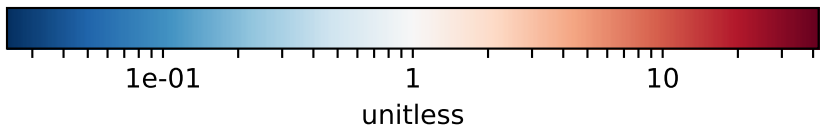

Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



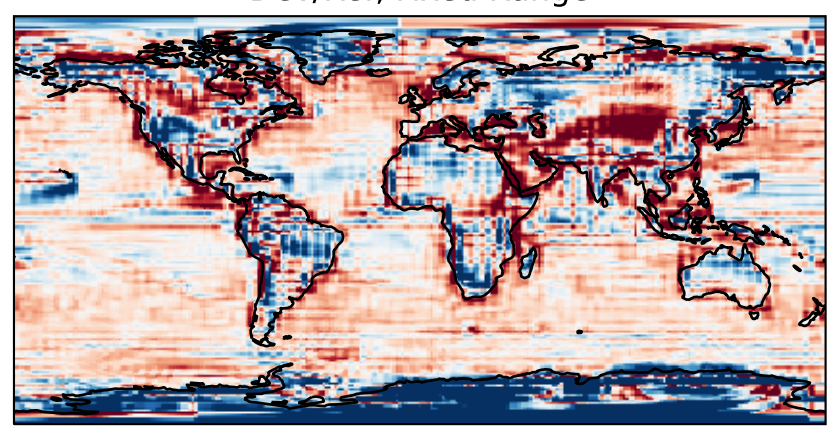


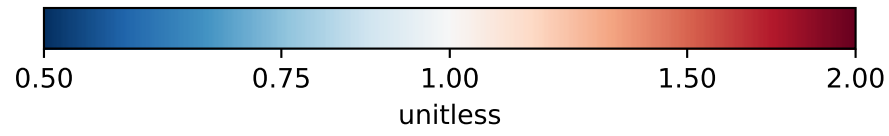

Ratio (1x1.25)
Dev/Ref, Dynamic Range





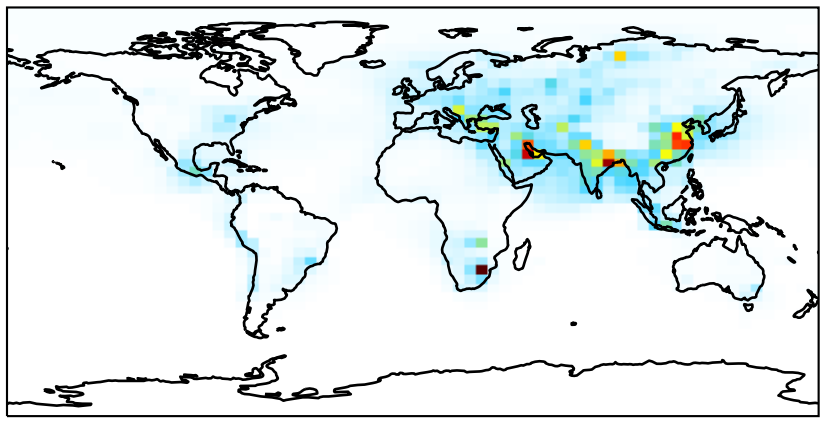

Ratio (1x1.25)
Dev/Ref, Fixed Range

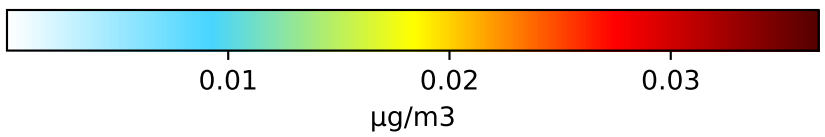




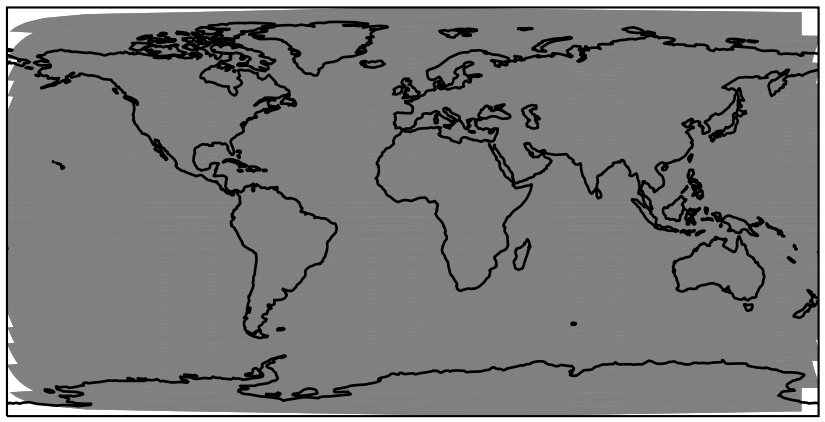
# SpeciesConc_pFe (Apr2019)

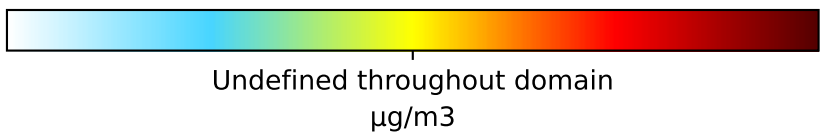
GCC_13.2.0 (Ref)
4.0x5.0



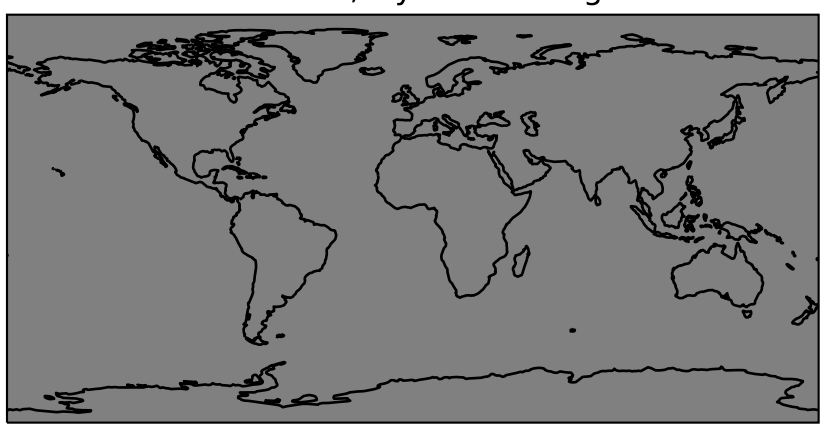



GCHP_13.2.0 (Dev)
c48



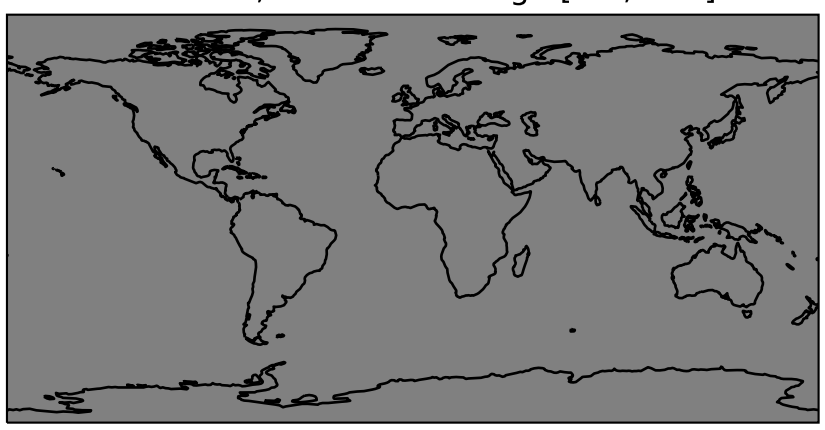



Difference (1x1.25)
Dev - Ref, Dynamic Range



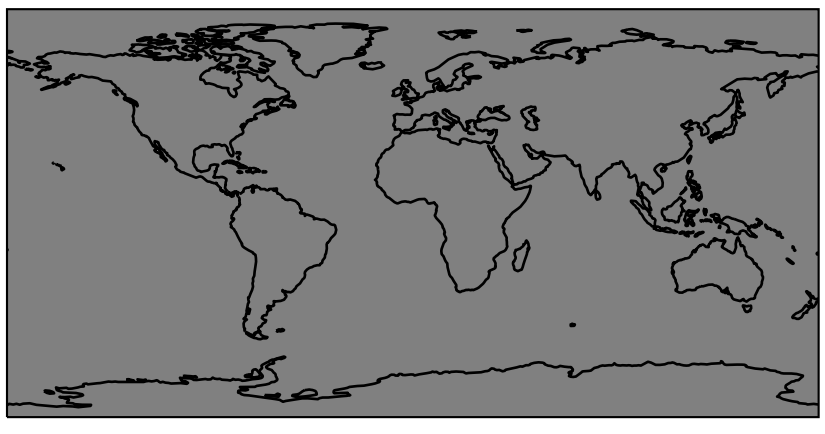



Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]






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






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

